

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: Q1437
Client: ATC Group Services LLC
Contact: Denise Cosenza

OrderDate: 2/26/2025 12:30:00 PM
Project: K084-SCA PCBs NYC - 2022SCA421
Location: H11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1437-01	K084-11B	SOIL	PCB Group1	8082A	02/25/25	03/06/25	03/06/25	02/26/25
Q1437-01DL	K084-11BDL	SOIL	PCB Group1	8082A	02/25/25	03/06/25	03/07/25	02/26/25
Q1437-02	K084-11C	SOIL	PCB Group1	8082A	02/25/25	03/07/25	03/07/25	02/26/25
Q1437-03	K084-12A	SOIL	PCB Group1	8082A	02/25/25	02/27/25	02/28/25	02/26/25
Q1437-03DL	K084-12ADL	SOIL	PCB Group1	8082A	02/25/25	02/27/25	02/28/25	02/26/25
Q1437-03DL 2	K084-12ADL2	SOIL	PCB Group1	8082A	02/25/25	02/27/25	02/28/25	02/26/25
Q1437-04	K084-12B	SOIL	PCB Group1	8082A	02/25/25	03/06/25	03/06/25	02/26/25
Q1437-04DL	K084-12BDL	SOIL	PCB Group1	8082A	02/25/25	03/06/25	03/07/25	02/26/25
Q1437-04DL 2	K084-12BDL2	SOIL	PCB Group1	8082A	02/25/25	03/06/25	03/07/25	02/26/25
Q1437-05	K084-12C	SOIL	PCB Group1	8082A	02/25/25	03/07/25	03/07/25	02/26/25
Q1437-06	K084-13A	SOIL	PCB Group1	8082A	02/25/25	02/27/25	02/28/25	02/26/25

LAB CHRONICLE

Q1437-06DL	K084-13ADL	SOIL			02/25/25			02/26/25
			PCB Group1	8082A		02/27/25	02/28/25	
Q1437-07	K084-13B	SOIL			02/25/25			02/26/25
			PCB Group1	8082A		03/06/25	03/06/25	
Q1437-07DL	K084-13BDL	SOIL			02/25/25			02/26/25
			PCB Group1	8082A		03/06/25	03/07/25	
Q1437-08	K084-13C	SOIL			02/25/25			02/26/25
			PCB Group1	8082A		03/07/25	03/07/25	
Q1437-09	K084-14A	SOIL			02/25/25			02/26/25
			PCB Group1	8082A		02/27/25	02/28/25	
Q1437-09DL	K084-14ADL	SOIL			02/25/25			02/26/25
			PCB Group1	8082A		02/27/25	03/01/25	
Q1437-10	K084-14B	SOIL			02/25/25			02/26/25
			PCB Group1	8082A		03/06/25	03/06/25	

Hit Summary Sheet
SW-846

SDG No.: Q1437

Order ID: Q1437

Client: ATC Group Services LLC

Project ID: K084-SCA PCBs NYC - 2022SCA421

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : K084-11B								
Q1437-01	K084-11B	SOIL	Aroclor-1254	3600	E	3.70	23.3	ug/kg
Q1437-01	K084-11B	SOIL	Aroclor-1268	257		4.70	23.3	ug/kg
Total Concentration:				3,857.000				
Client ID : K084-11BDL								
Q1437-01DL	K084-11BDL	SOIL	Aroclor-1254	4500	D	75.0	467	ug/kg
Q1437-01DL	K084-11BDL	SOIL	Aroclor-1268	394	JD	94.2	467	ug/kg
Total Concentration:				4,894.000				
Client ID : K084-11C								
Q1437-02	K084-11C	SOIL	Aroclor-1254	529		4.40	27.5	ug/kg
Q1437-02	K084-11C	SOIL	Aroclor-1268	22.2	JP	5.50	27.5	ug/kg
Total Concentration:				551.200				
Client ID : K084-12A								
Q1437-03	K084-12A	SOIL	Aroclor-1254	6900	E	3.70	22.8	ug/kg
Q1437-03	K084-12A	SOIL	Aroclor-1268	544	E	4.60	22.8	ug/kg
Total Concentration:				7,444.000				
Client ID : K084-12ADL								
Q1437-03DL	K084-12ADL	SOIL	Aroclor-1254	7300	ED	7.30	45.6	ug/kg
Q1437-03DL	K084-12ADL	SOIL	Aroclor-1268	623	D	9.20	45.6	ug/kg
Total Concentration:				7,923.000				
Client ID : K084-12ADL2								
Q1437-03DL2	K084-12ADL2	SOIL	Aroclor-1254	7700	D	73.2	456	ug/kg
Q1437-03DL2	K084-12ADL2	SOIL	Aroclor-1268	742	D	92.0	456	ug/kg
Total Concentration:				8,442.000				
Client ID : K084-12B								
Q1437-04	K084-12B	SOIL	Aroclor-1254	4100	E	3.70	22.9	ug/kg
Q1437-04	K084-12B	SOIL	Aroclor-1268	721	E	4.60	22.9	ug/kg

Hit Summary Sheet
SW-846

SDG No.: Q1437

Order ID: Q1437

Client: ATC Group Services LLC

Project ID: K084-SCA PCBs NYC - 2022SCA421

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				4,821.000				
Client ID : K084-12BDL								
Q1437-04DL	K084-12BDL	SOIL	Aroclor-1254	4000	ED	7.40	45.8	ug/kg
Q1437-04DL	K084-12BDL	SOIL	Aroclor-1268	740	D	9.20	45.8	ug/kg
Total Concentration:				4,740.000				
Client ID : K084-12BDL2								
Q1437-04DL2	K084-12BDL2	SOIL	Aroclor-1254	5900	D	73.6	458	ug/kg
Q1437-04DL2	K084-12BDL2	SOIL	Aroclor-1268	1100	D	92.5	458	ug/kg
Total Concentration:				7,000.000				
Client ID : K084-12C								
Q1437-05	K084-12C	SOIL	Aroclor-1254	122		4.10	25.5	ug/kg
Q1437-05	K084-12C	SOIL	Aroclor-1268	19.0	J	5.10	25.5	ug/kg
Total Concentration:				141.000				
Client ID : K084-13A								
Q1437-06	K084-13A	SOIL	Aroclor-1254	5700	E	3.40	21.2	ug/kg
Q1437-06	K084-13A	SOIL	Aroclor-1268	142		4.30	21.2	ug/kg
Total Concentration:				5,842.000				
Client ID : K084-13ADL								
Q1437-06DL	K084-13ADL	SOIL	Aroclor-1254	5900	D	68.2	424	ug/kg
Q1437-06DL	K084-13ADL	SOIL	Aroclor-1268	196	JD	85.6	424	ug/kg
Total Concentration:				6,096.000				
Client ID : K084-13B								
Q1437-07	K084-13B	SOIL	Aroclor-1254	1600	E	3.80	23.6	ug/kg
Q1437-07	K084-13B	SOIL	Aroclor-1268	61.9		4.80	23.6	ug/kg
Total Concentration:				1,661.900				

Hit Summary Sheet
SW-846

SDG No.: Q1437

Order ID: Q1437

Client: ATC Group Services LLC

Project ID: K084-SCA PCBs NYC - 2022SCA421

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : K084-13BDL								
Q1437-07DL	K084-13BDL	SOIL	Aroclor-1254	1900	D	19.0	118	ug/kg
Q1437-07DL	K084-13BDL	SOIL	Aroclor-1268	80.1	JD	23.8	118	ug/kg
Total Concentration:				1,980.100				
Client ID : K084-13C								
Q1437-08	K084-13C	SOIL	Aroclor-1254	406		4.00	24.8	ug/kg
Q1437-08	K084-13C	SOIL	Aroclor-1268	25.2		5.00	24.8	ug/kg
Total Concentration:				431.200				
Client ID : K084-14A								
Q1437-09	K084-14A	SOIL	Aroclor-1254	2700	E	3.50	21.8	ug/kg
Q1437-09	K084-14A	SOIL	Aroclor-1268	280		4.40	21.8	ug/kg
Total Concentration:				2,980.000				
Client ID : K084-14ADL								
Q1437-09DL	K084-14ADL	SOIL	Aroclor-1254	2600	D	35.1	218	ug/kg
Q1437-09DL	K084-14ADL	SOIL	Aroclor-1268	339	D	44.1	218	ug/kg
Total Concentration:				2,939.000				
Client ID : K084-14B								
Q1437-10	K084-14B	SOIL	Aroclor-1254	278		4.10	25.5	ug/kg
Q1437-10	K084-14B	SOIL	Aroclor-1268	38.6		5.10	25.5	ug/kg
Total Concentration:				315.600				



QC SUMMARY

Surrogate Summary

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO109425.D	PIBLK-PO109425.D	Tetrachloro-m-xylene	1	20	25.3	126		60	140
		Decachlorobiphenyl	1	20	25.3	126		60	140
		Tetrachloro-m-xylene	2	20	24.1	121		60	140
		Decachlorobiphenyl	2	20	25.5	127		60	140
I.BLK-PO109537.D	PIBLK-PO109537.D	Tetrachloro-m-xylene	1	20	16.0	80		60	140
		Decachlorobiphenyl	1	20	14.6	73		60	140
		Tetrachloro-m-xylene	2	20	16.9	85		60	140
		Decachlorobiphenyl	2	20	16.9	84		60	140
PB166889BL	PB166889BL	Tetrachloro-m-xylene	1	20	19.1	95		32	144
		Decachlorobiphenyl	1	20	13.8	69		32	175
		Tetrachloro-m-xylene	2	20	19.0	95		32	144
		Decachlorobiphenyl	2	20	15.8	79		32	175
PB166889BS	PB166889BS	Tetrachloro-m-xylene	1	20	18.3	91		32	144
		Decachlorobiphenyl	1	20	15.5	77		32	175
		Tetrachloro-m-xylene	2	20	19.1	96		32	144
		Decachlorobiphenyl	2	20	17.6	88		32	175
I.BLK-PO109552.D	PIBLK-PO109552.D	Tetrachloro-m-xylene	1	20	15.9	79		60	140
		Decachlorobiphenyl	1	20	14.8	74		60	140
		Tetrachloro-m-xylene	2	20	16.8	84		60	140
		Decachlorobiphenyl	2	20	16.5	83		60	140
Q1434-03MS	K084-5AMS	Tetrachloro-m-xylene	1	20	23.6	118		32	144
		Decachlorobiphenyl	1	20	35.2	176	*	32	175
		Tetrachloro-m-xylene	2	20	25.0	125		32	144
		Decachlorobiphenyl	2	20	41.0	205	*	32	175
Q1434-03MSD	K084-5AMSD	Tetrachloro-m-xylene	1	20	23.5	118		32	144
		Decachlorobiphenyl	1	20	36.0	180	*	32	175
		Tetrachloro-m-xylene	2	20	24.9	125		32	144
		Decachlorobiphenyl	2	20	41.8	209	*	32	175
Q1437-03	K084-12A	Tetrachloro-m-xylene	1	20	20.3	102		32	144
		Decachlorobiphenyl	1	20	44.5	223	*	32	175
		Tetrachloro-m-xylene	2	20	21.8	109		32	144
		Decachlorobiphenyl	2	20	50.2	251	*	32	175
I.BLK-PO109574.D	PIBLK-PO109574.D	Tetrachloro-m-xylene	1	20	16.0	80		60	140
		Decachlorobiphenyl	1	20	13.8	69		60	140
		Tetrachloro-m-xylene	2	20	17.1	85		60	140
		Decachlorobiphenyl	2	20	15.9	79		60	140
Q1437-06	K084-13A	Tetrachloro-m-xylene	1	20	24.0	120		32	144
		Decachlorobiphenyl	1	20	23.4	117		32	175
		Tetrachloro-m-xylene	2	20	25.3	126		32	144
		Decachlorobiphenyl	2	20	27.4	137		32	175
Q1437-09	K084-14A	Tetrachloro-m-xylene	1	20	23.9	119		32	144

Surrogate Summary

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1437-09	K084-14A	Decachlorobiphenyl	1	20	34.6	173		32	175
		Tetrachloro-m-xylene	2	20	25.1	125		32	144
I.BLK-PO109578.D	PIBLK-PO109578.D	Decachlorobiphenyl	2	20	39.9	199	*	32	175
		Tetrachloro-m-xylene	1	20	16.7	83		60	140
		Decachlorobiphenyl	1	20	14.3	72		60	140
		Tetrachloro-m-xylene	2	20	17.6	88		60	140
I.BLK-PO109601.D	PIBLK-PO109601.D	Decachlorobiphenyl	2	20	16.4	82		60	140
		Tetrachloro-m-xylene	1	20	16.8	84		60	140
		Decachlorobiphenyl	1	20	15.6	78		60	140
		Tetrachloro-m-xylene	2	20	17.5	88		60	140
Q1437-03DL	K084-12ADL	Decachlorobiphenyl	2	20	17.2	86		60	140
		Tetrachloro-m-xylene	1	20	22.0	110		32	144
		Decachlorobiphenyl	1	20	55.7	278	*	32	175
		Tetrachloro-m-xylene	2	20	22.6	113		32	144
Q1437-03DL2	K084-12ADL2	Decachlorobiphenyl	2	20	60.3	302	*	32	175
		Tetrachloro-m-xylene	1	20	26.0	130		32	144
		Decachlorobiphenyl	1	20	68.8	344	*	32	175
		Tetrachloro-m-xylene	2	20	25.0	125		32	144
Q1437-06DL	K084-13ADL	Decachlorobiphenyl	2	20	87.0	435	*	32	175
		Tetrachloro-m-xylene	1	20	28.2	141		32	144
		Decachlorobiphenyl	1	20	33.6	168		32	175
		Tetrachloro-m-xylene	2	20	29.0	145	*	32	144
Q1437-09DL	K084-14ADL	Decachlorobiphenyl	2	20	37.0	185	*	32	175
		Tetrachloro-m-xylene	1	20	26.6	133		32	144
		Decachlorobiphenyl	1	20	46.4	232	*	32	175
		Tetrachloro-m-xylene	2	20	27.0	135		32	144
I.BLK-PO109620.D	PIBLK-PO109620.D	Decachlorobiphenyl	2	20	50.5	253	*	32	175
		Tetrachloro-m-xylene	1	20	16.8	84		60	140
		Decachlorobiphenyl	1	20	16.3	81		60	140
		Tetrachloro-m-xylene	2	20	17.5	87		60	140
I.BLK-PO109666.D	PIBLK-PO109666.D	Decachlorobiphenyl	2	20	17.5	87		60	140
		Tetrachloro-m-xylene	1	20	17.7	89		60	140
		Decachlorobiphenyl	1	20	16.1	80		60	140
		Tetrachloro-m-xylene	2	20	18.9	95		60	140
Q1437-07	K084-13B	Decachlorobiphenyl	2	20	17.8	89		60	140
		Tetrachloro-m-xylene	1	20	20.5	102		32	144
		Decachlorobiphenyl	1	20	14.5	72		32	175
		Tetrachloro-m-xylene	2	20	21.5	108		32	144
Q1437-10	K084-14B	Decachlorobiphenyl	2	20	16.0	80		32	175
		Tetrachloro-m-xylene	1	20	22.5	113		32	144
		Decachlorobiphenyl	1	20	24.5	123		32	175

Surrogate Summary

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1437-10	K084-14B	Tetrachloro-m-xylene	2	20	23.6	118		32	144
		Decachlorobiphenyl	2	20	27.7	138		32	175
I.BLK-PO109681.D	PIBLK-PO109681.D	Tetrachloro-m-xylene	1	20	18.1	90		60	140
		Decachlorobiphenyl	1	20	17.0	85		60	140
		Tetrachloro-m-xylene	2	20	18.9	95		60	140
		Decachlorobiphenyl	2	20	18.4	92		60	140
PB167022BL	PB167022BL	Tetrachloro-m-xylene	1	20	22.8	114		32	144
		Decachlorobiphenyl	1	20	21.6	108		32	175
		Tetrachloro-m-xylene	2	20	23.6	118		32	144
		Decachlorobiphenyl	2	20	23.1	116		32	175
PB167022BS	PB167022BS	Tetrachloro-m-xylene	1	20	21.7	108		32	144
		Decachlorobiphenyl	1	20	21.6	108		32	175
		Tetrachloro-m-xylene	2	20	22.3	112		32	144
		Decachlorobiphenyl	2	20	22.9	114		32	175
Q1434-02MS	K084-4CMS	Tetrachloro-m-xylene	1	20	21.4	107		32	144
		Decachlorobiphenyl	1	20	23.1	115		32	175
		Tetrachloro-m-xylene	2	20	21.8	109		32	144
		Decachlorobiphenyl	2	20	26.0	130		32	175
Q1434-02MSD	K084-4CMSD	Tetrachloro-m-xylene	1	20	19.4	97		32	144
		Decachlorobiphenyl	1	20	24.8	124		32	175
		Tetrachloro-m-xylene	2	20	20.2	101		32	144
		Decachlorobiphenyl	2	20	27.6	138		32	175
I.BLK-PO109696.D	PIBLK-PO109696.D	Tetrachloro-m-xylene	1	20	17.9	90		60	140
		Decachlorobiphenyl	1	20	16.3	81		60	140
		Tetrachloro-m-xylene	2	20	18.8	94		60	140
		Decachlorobiphenyl	2	20	17.8	89		60	140
I.BLK-PO109699.D	PIBLK-PO109699.D	Tetrachloro-m-xylene	1	20	20.6	103		60	140
		Decachlorobiphenyl	1	20	18.7	93		60	140
		Tetrachloro-m-xylene	2	20	21.1	106		60	140
		Decachlorobiphenyl	2	20	19.8	99		60	140
Q1437-07DL	K084-13BDL	Tetrachloro-m-xylene	1	20	24.4	122		32	144
		Decachlorobiphenyl	1	20	18.7	94		32	175
		Tetrachloro-m-xylene	2	20	24.8	124		32	144
		Decachlorobiphenyl	2	20	20.6	103		32	175
I.BLK-PO109712.D	PIBLK-PO109712.D	Tetrachloro-m-xylene	1	20	20.5	102		60	140
		Decachlorobiphenyl	1	20	19.1	96		60	140
		Tetrachloro-m-xylene	2	20	21.1	106		60	140
		Decachlorobiphenyl	2	20	20.2	101		60	140
I.BLK-PP069995.D	PIBLK-PP069995.D	Tetrachloro-m-xylene	1	20	21.9	109		60	140
		Decachlorobiphenyl	1	20	21.8	109		60	140
		Tetrachloro-m-xylene	2	20	22.1	110		60	140

Surrogate Summary

SDG No.: **Q1437**

Client: **ATC Group Services LLC**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP069995.D	PIBLK-PP069995.D	Decachlorobiphenyl	2	20	21.6	108		60	140
I.BLK-PP070328.D	PIBLK-PP070328.D	Tetrachloro-m-xylene	1	20	18.9	95		60	140
		Decachlorobiphenyl	1	20	17.3	87		60	140
		Tetrachloro-m-xylene	2	20	19.6	98		60	140
		Decachlorobiphenyl	2	20	17.8	89		60	140
Q1437-01	K084-11B	Tetrachloro-m-xylene	1	20	23.4	117		32	144
		Decachlorobiphenyl	1	20	30.1	151		32	175
		Tetrachloro-m-xylene	2	20	23.5	118		32	144
		Decachlorobiphenyl	2	20	32.0	160		32	175
Q1437-04	K084-12B	Tetrachloro-m-xylene	1	20	24.7	124		32	144
		Decachlorobiphenyl	1	20	66.4	332	*	32	175
		Tetrachloro-m-xylene	2	20	25.0	125		32	144
		Decachlorobiphenyl	2	20	65.0	325	*	32	175
I.BLK-PP070336.D	PIBLK-PP070336.D	Tetrachloro-m-xylene	1	20	19.5	98		60	140
		Decachlorobiphenyl	1	20	17.6	88		60	140
		Tetrachloro-m-xylene	2	20	19.6	98		60	140
		Decachlorobiphenyl	2	20	18.0	90		60	140
I.BLK-PP070348.D	PIBLK-PP070348.D	Tetrachloro-m-xylene	1	20	20.8	104		60	140
		Decachlorobiphenyl	1	20	19.6	98		60	140
		Tetrachloro-m-xylene	2	20	20.6	103		60	140
		Decachlorobiphenyl	2	20	20.6	103		60	140
Q1437-01DL	K084-11BDL	Tetrachloro-m-xylene	1	20	24.4	122		32	144
		Decachlorobiphenyl	1	20	38.6	193	*	32	175
		Tetrachloro-m-xylene	2	20	38.4	192	*	32	144
		Decachlorobiphenyl	2	20	76.0	380	*	32	175
Q1437-04DL	K084-12BDL	Tetrachloro-m-xylene	1	20	23.9	119		32	144
		Decachlorobiphenyl	1	20	69.0	345	*	32	175
		Tetrachloro-m-xylene	2	20	27.5	138		32	144
		Decachlorobiphenyl	2	20	67.8	339	*	32	175
Q1437-04DL2	K084-12BDL2	Tetrachloro-m-xylene	1	20	29.4	147	*	32	144
		Decachlorobiphenyl	1	20	100	500	*	32	175
		Tetrachloro-m-xylene	2	20	36.4	182	*	32	144
		Decachlorobiphenyl	2	20	106	528	*	32	175
PB167029BL	PB167029BL	Tetrachloro-m-xylene	1	20	24.2	121		32	144
		Decachlorobiphenyl	1	20	21.4	107		32	175
		Tetrachloro-m-xylene	2	20	24.0	120		32	144
		Decachlorobiphenyl	2	20	21.6	108		32	175
PB167029BS	PB167029BS	Tetrachloro-m-xylene	1	20	24.6	123		32	144
		Decachlorobiphenyl	1	20	22.2	111		32	175
		Tetrachloro-m-xylene	2	20	22.8	114		32	144
		Decachlorobiphenyl	2	20	22.1	110		32	175

Surrogate Summary

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1437-02	K084-11C	Tetrachloro-m-xylene	1	20	16.6	83		32	144
		Decachlorobiphenyl	1	20	9.25	46		32	175
		Tetrachloro-m-xylene	2	20	19.8	99		32	144
		Decachlorobiphenyl	2	20	9.40	47		32	175
Q1437-05	K084-12C	Tetrachloro-m-xylene	1	20	26.3	132		32	144
		Decachlorobiphenyl	1	20	16.7	84		32	175
		Tetrachloro-m-xylene	2	20	25.2	126		32	144
		Decachlorobiphenyl	2	20	17.4	87		32	175
Q1437-08	K084-13C	Tetrachloro-m-xylene	1	20	25.6	128		32	144
		Decachlorobiphenyl	1	20	17.8	89		32	175
		Tetrachloro-m-xylene	2	20	24.5	123		32	144
		Decachlorobiphenyl	2	20	18.5	92		32	175
I.BLK-PP070363.D	PIBLK-PP070363.D	Tetrachloro-m-xylene	1	20	21.4	107		60	140
		Decachlorobiphenyl	1	20	19.8	99		60	140
		Tetrachloro-m-xylene	2	20	20.8	104		60	140
		Decachlorobiphenyl	2	20	20.3	101		60	140
Q1508-01MS	RBR251372MS	Tetrachloro-m-xylene	1	20	13.3	67		32	144
		Decachlorobiphenyl	1	20	13.9	70		32	175
		Tetrachloro-m-xylene	2	20	12.2	61		32	144
		Decachlorobiphenyl	2	20	14.7	74		32	175
Q1508-01MSD	RBR251372MSD	Tetrachloro-m-xylene	1	20	13.8	69		32	144
		Decachlorobiphenyl	1	20	14.2	71		32	175
		Tetrachloro-m-xylene	2	20	12.5	62		32	144
		Decachlorobiphenyl	2	20	14.6	73		32	175
I.BLK-PP070378.D	PIBLK-PP070378.D	Tetrachloro-m-xylene	1	20	20.8	104		60	140
		Decachlorobiphenyl	1	20	18.9	95		60	140
		Tetrachloro-m-xylene	2	20	19.3	97		60	140
		Decachlorobiphenyl	2	20	20.3	101		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

DataFile : PO109562.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	K084-5AMS											
Q1434-03MS	AR1016	180.4	0	328	ug/kg	182	*			55	146	
	AR1260	180.4	0	1000	ug/kg	554	*			31	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

DataFile : PO109563.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	K084-5AMSD											
Q1434-03MSD	AR1016	180.5	0	328	ug/kg	182	*	0		55	146	20
	AR1260	180.5	0	1000	ug/kg	554	*	0		31	146	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

DataFile : PO109688.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: Q1434-02MS	K084-4CMS											
	AR1016	230.2	0	257	ug/kg	112				55	146	
	AR1260	230.2	0	711	ug/kg	309	*			31	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

DataFile : PO109689.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: Q1434-02MSD	K084-4CMSD											
	AR1016	230.4	0	244	ug/kg	106		6		55	146	20
	AR1260	230.4	0	801	ug/kg	348	*	12		31	146	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

DataFile : PP070368.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	RPD
			Result	Result			Qual	RPD	Qual	Low	High	
Client Sample ID: Q1508-01MS	RBR251372MS											
	AR1016	234.4	0	152	ug/kg	65				55	146	
	AR1260	234.4	0	190	ug/kg	81				31	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A

DataFile : PP070369.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	RBR251372MSD											
Q1508-01MSD	AR1016	234.4	0	156	ug/kg	67		3		55	146	20
	AR1260	234.4	0	197	ug/kg	84		4		31	146	20



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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: **8082A** **Datafile :** PO109547.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB166889BS	AR1016	166.5	142	ug/kg	85				71	120	
	AR1260	166.5	130	ug/kg	78				65	130	



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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: 8082A Datafile : PO109683.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167022BS	AR1016	166.6	168	ug/kg	101				71	120	
	AR1260	166.6	164	ug/kg	98				65	130	



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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1437

Client: ATC Group Services LLC

Analytical Method: **8082A** **Datafile :** PP070355.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167029BS	AR1016	166.5	156	ug/kg	94				71	120		
	AR1260	166.5	147	ug/kg	88				65	130		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166889BL

Lab Name: CHEMTECH

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437

SAS No.: Q1437 SDG NO.: Q1437

Lab Sample ID: PB166889BL

Lab File ID: PO109546.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 02/27/2025

Date Analyzed (1): 02/27/2025

Date Analyzed (2): 02/27/2025

Time Analyzed (1): 22:57

Time Analyzed (2): 22:57

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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
PB166889BS	PB166889BS	PO109547.D	02/27/2025	02/27/2025
K084-5AMS	Q1434-03MS	PO109562.D	02/28/2025	02/28/2025
K084-5AMSD	Q1434-03MSD	PO109563.D	02/28/2025	02/28/2025
K084-12A	Q1437-03	PO109572.D	02/28/2025	02/28/2025
K084-13A	Q1437-06	PO109575.D	02/28/2025	02/28/2025
K084-14A	Q1437-09	PO109576.D	02/28/2025	02/28/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167022BL

Lab Name: CHEMTECH

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437

SAS No.: Q1437 SDG NO.: Q1437

Lab Sample ID: PB167022BL

Lab File ID: PO109682.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/06/2025

Date Analyzed (1): 03/07/2025

Date Analyzed (2): 03/07/2025

Time Analyzed (1): 00:28

Time Analyzed (2): 00:28

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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
K084-13B	Q1437-07	PO109673.D	03/06/2025	03/06/2025
K084-14B	Q1437-10	PO109674.D	03/06/2025	03/06/2025
PB167022BS	PB167022BS	PO109683.D	03/07/2025	03/07/2025
K084-4CMS	Q1434-02MS	PO109688.D	03/07/2025	03/07/2025
K084-4CMSD	Q1434-02MSD	PO109689.D	03/07/2025	03/07/2025
K084-11B	Q1437-01	PP070330.D	03/06/2025	03/06/2025
K084-12B	Q1437-04	PP070331.D	03/06/2025	03/06/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167029BL

Lab Name: CHEMTECH

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437

SAS No.: Q1437 SDG NO.: Q1437

Lab Sample ID: PB167029BL

Lab File ID: PP070354.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/07/2025

Date Analyzed (1): 03/07/2025

Date Analyzed (2): 03/07/2025

Time Analyzed (1): 13:41

Time Analyzed (2): 13:41

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
PB167029BS	PB167029BS	PP070355.D	03/07/2025	03/07/2025
K084-11C	Q1437-02	PP070356.D	03/07/2025	03/07/2025
K084-12C	Q1437-05	PP070357.D	03/07/2025	03/07/2025
K084-13C	Q1437-08	PP070358.D	03/07/2025	03/07/2025
RBR251372MS	Q1508-01MS	PP070368.D	03/07/2025	03/07/2025
RBR251372MSD	Q1508-01MSD	PP070369.D	03/07/2025	03/07/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-11B	SDG No.:	Q1437
Lab Sample ID:	Q1437-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	72.8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070330.D	1	03/06/25 11:40	03/06/25 22:30	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	23.3	ug/kg
11104-28-2	Aroclor-1221	8.80	U	8.80	23.3	ug/kg
11141-16-5	Aroclor-1232	4.70	U	4.70	23.3	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	23.3	ug/kg
12672-29-6	Aroclor-1248	10.8	U	10.8	23.3	ug/kg
11097-69-1	Aroclor-1254	3600	E	3.70	23.3	ug/kg
37324-23-5	Aroclor-1262	6.30	U	6.30	23.3	ug/kg
11100-14-4	Aroclor-1268	257		4.70	23.3	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	23.3	ug/kg
Total PCBs	Total PCBs	3900		8.40	23.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.5		32 - 144	118%	SPK: 20
2051-24-3	Decachlorobiphenyl	32.0		32 - 175	160%	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\PP030625\
 Data File : PP070330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 22:30
 Operator : YP\AJ
 Sample : Q1437-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

K084-11B

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025

Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 23:37:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.828	34292502	22472245	23.366m	23.506
2) SA Decachlor...	10.258	8.883	34307242	34731898	30.120	32.037
Target Compounds						
26) L6 AR-1254-1	6.530	5.723	210.5E6	207.7E6	3713.081	3806.395
27) L6 AR-1254-2	6.747	5.872	432.0E6	257.5E6	4926.468	5281.933
28) L6 AR-1254-3	7.110	6.277	611.8E6	546.9E6	6864.485	7213.464
29) L6 AR-1254-4	7.393	6.505	506.8E6	370.6E6	6802.044	7201.056m
30) L6 AR-1254-5	7.814	6.923	1154.5E6	1004.9E6	17189.646	14871.815
41) L9 AR-1268-1	8.754	7.747	149.5E6	80706893	778.429	486.922 #
42) L9 AR-1268-2	8.842	7.811	80941128	152.7E6	488.818	1052.465 #
43) L9 AR-1268-3	9.076	8.019	58298752	51988983	406.252	424.523
44) L9 AR-1268-4	9.496	8.314	23417478	22894029	371.416	430.460
45) L9 AR-1268-5	9.916	8.617	164.1E6	146.4E6	394.427	412.228

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 22:30
Operator : YP\AJ
Sample : Q1437-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

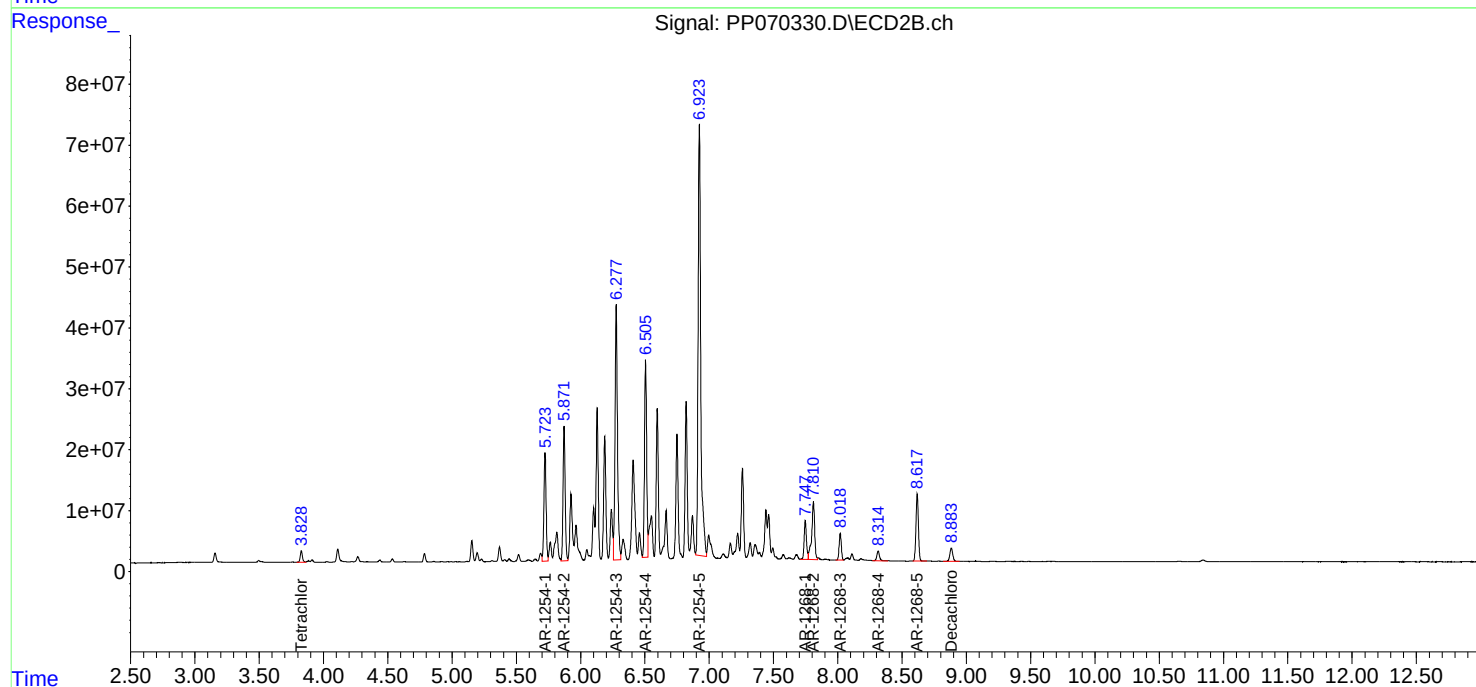
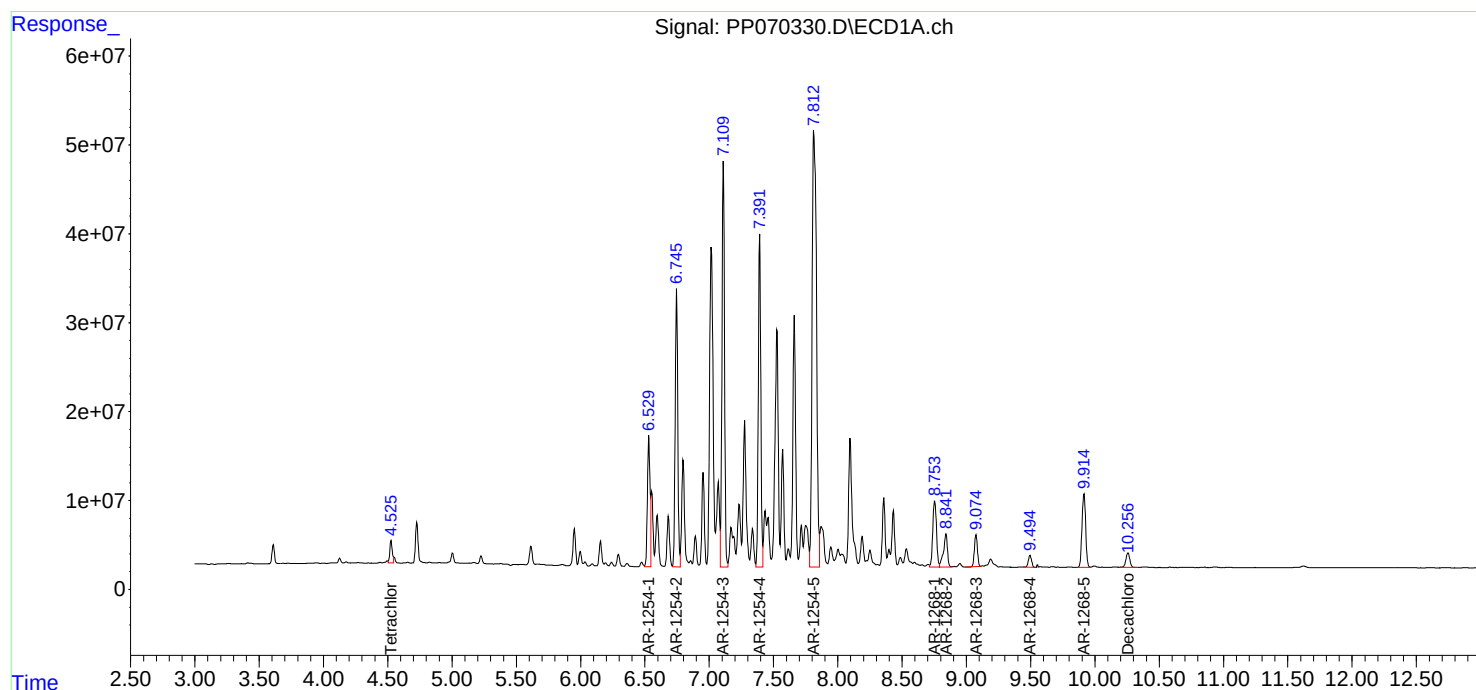
Instrument :
ECD_P
ClientSampleId :
K084-11B

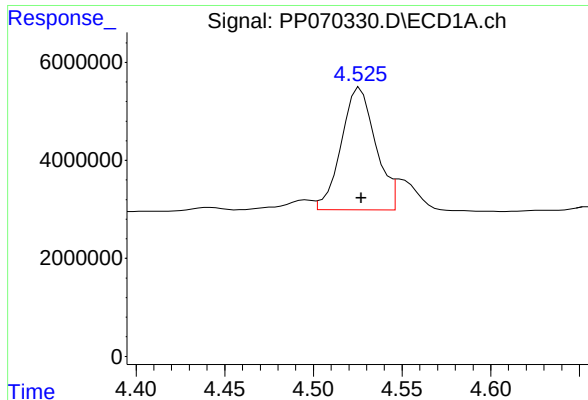
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:37:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





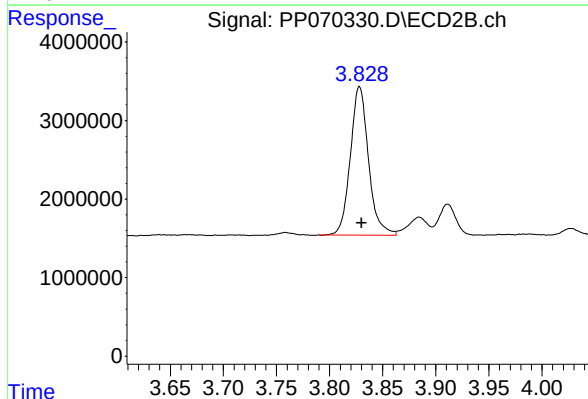
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 34292502
Conc: 23.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11B

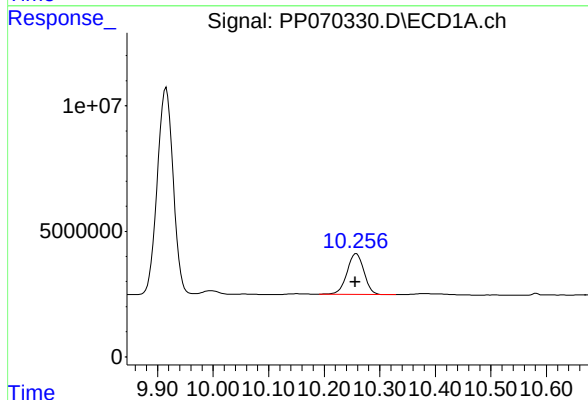
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



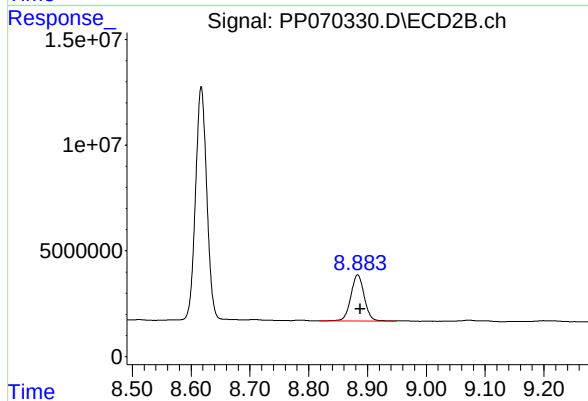
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 22472245
Conc: 23.51 ng/ml



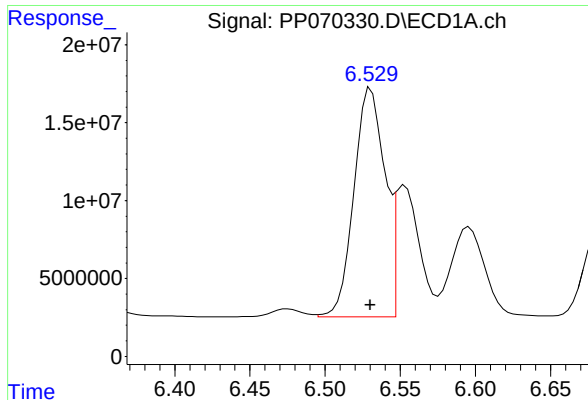
#2 Decachlorobiphenyl

R.T.: 10.258 min
Delta R.T.: 0.002 min
Response: 34307242
Conc: 30.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 34731898
Conc: 32.04 ng/ml



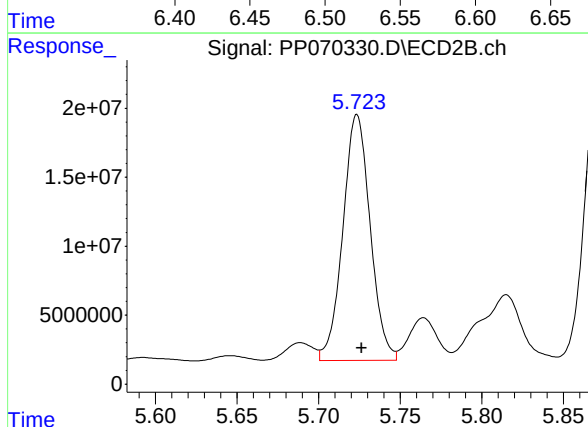
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 210532917
Conc: 3713.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11B

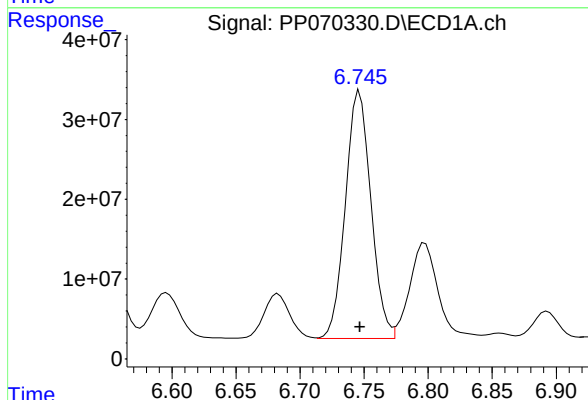
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



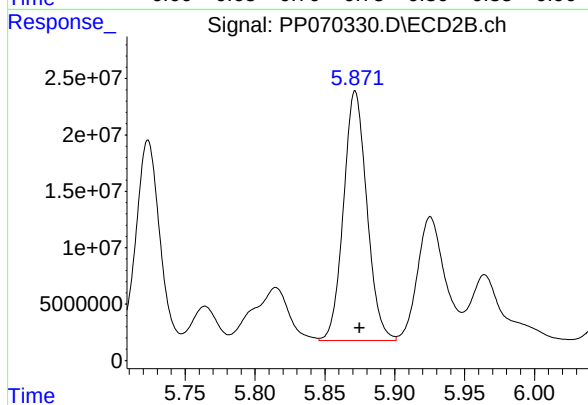
#26 AR-1254-1

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 207712568
Conc: 3806.40 ng/ml



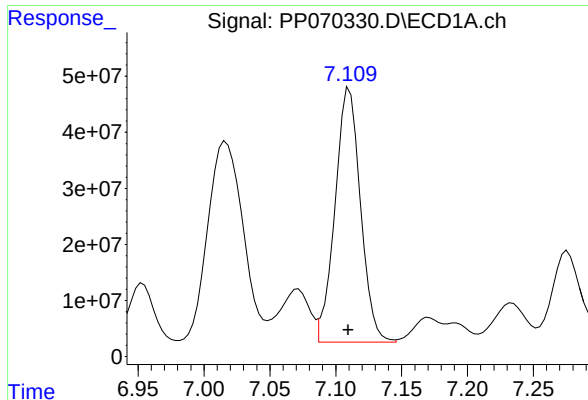
#27 AR-1254-2

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 431979754
Conc: 4926.47 ng/ml



#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 257470642
Conc: 5281.93 ng/ml



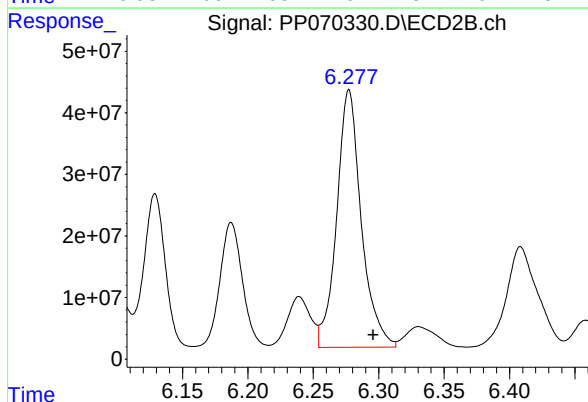
#28 AR-1254-3

R.T.: 7.110 min
 Delta R.T.: 0.000 min
 Response: 611806683
 Conc: 6864.48 ng/ml

Instrument :
 ECD_P
 ClientSampleId :
 K084-11B

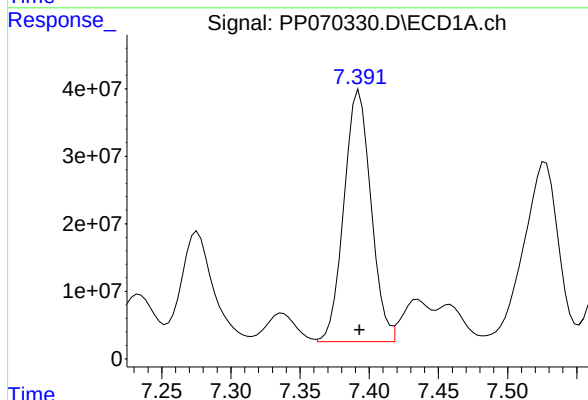
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025



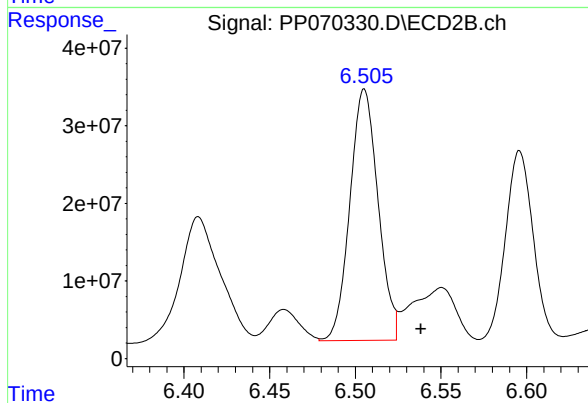
#28 AR-1254-3

R.T.: 6.277 min
 Delta R.T.: -0.019 min
 Response: 546900203
 Conc: 7213.46 ng/ml



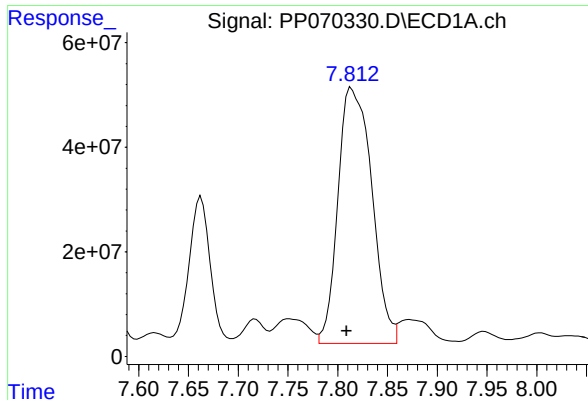
#29 AR-1254-4

R.T.: 7.393 min
 Delta R.T.: 0.000 min
 Response: 506827963
 Conc: 6802.04 ng/ml



#29 AR-1254-4

R.T.: 6.505 min
 Delta R.T.: -0.034 min
 Response: 370566525
 Conc: 7201.06 ng/ml m



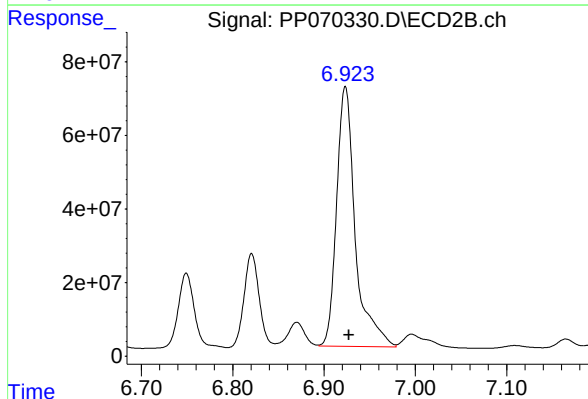
#30 AR-1254-5

R.T.: 7.814 min
Delta R.T.: 0.005 min
Response: 1154496075
Conc: 17189.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11B

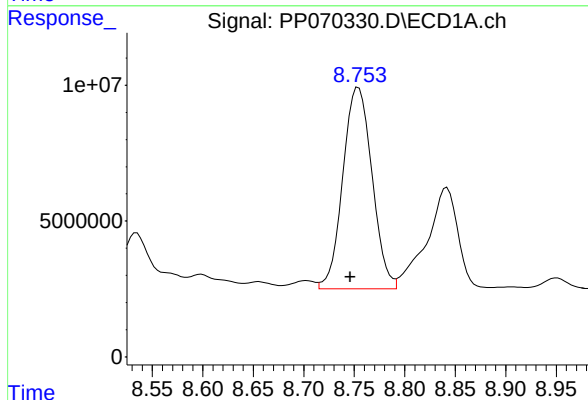
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



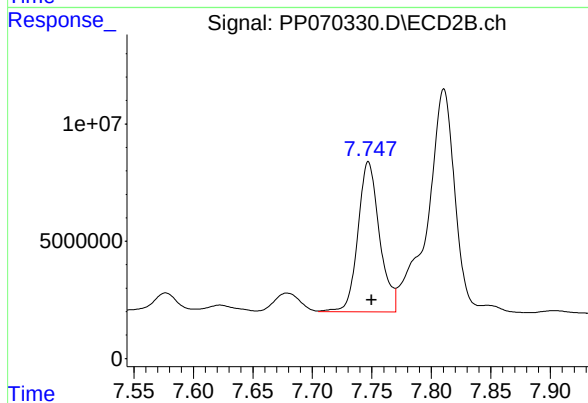
#30 AR-1254-5

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 1004877016
Conc: 14871.81 ng/ml



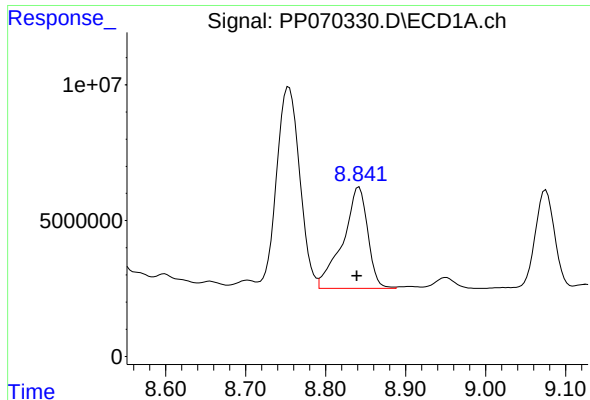
#41 AR-1268-1

R.T.: 8.754 min
Delta R.T.: 0.008 min
Response: 149531115
Conc: 778.43 ng/ml



#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.003 min
Response: 80706893
Conc: 486.92 ng/ml



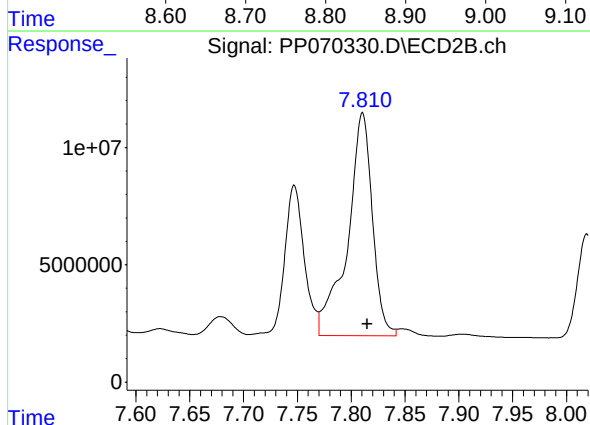
#42 AR-1268-2

R.T.: 8.842 min
Delta R.T.: 0.003 min
Response: 80941128
Conc: 488.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11B

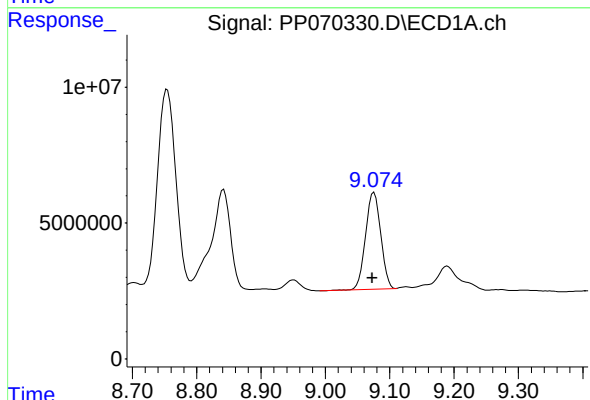
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



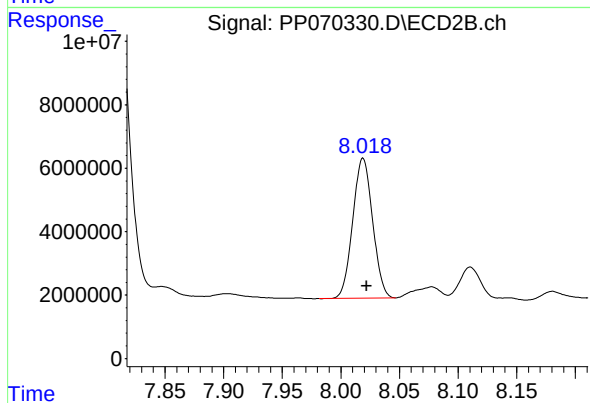
#42 AR-1268-2

R.T.: 7.811 min
Delta R.T.: -0.004 min
Response: 152651216
Conc: 1052.47 ng/ml



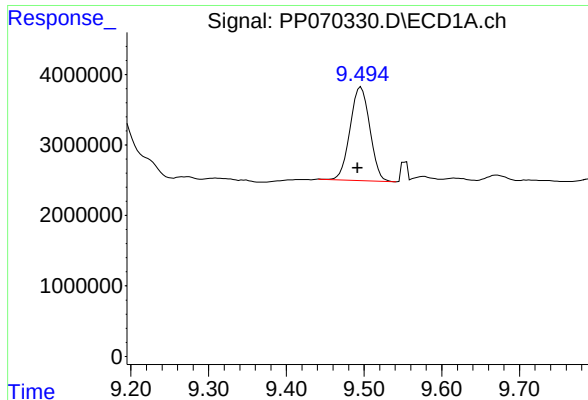
#43 AR-1268-3

R.T.: 9.076 min
Delta R.T.: 0.003 min
Response: 58298752
Conc: 406.25 ng/ml



#43 AR-1268-3

R.T.: 8.019 min
Delta R.T.: -0.003 min
Response: 51988983
Conc: 424.52 ng/ml



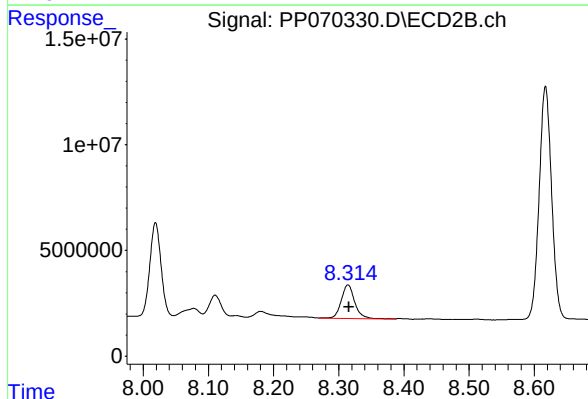
#44 AR-1268-4

R.T.: 9.496 min
Delta R.T.: 0.004 min
Response: 23417478
Conc: 371.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11B

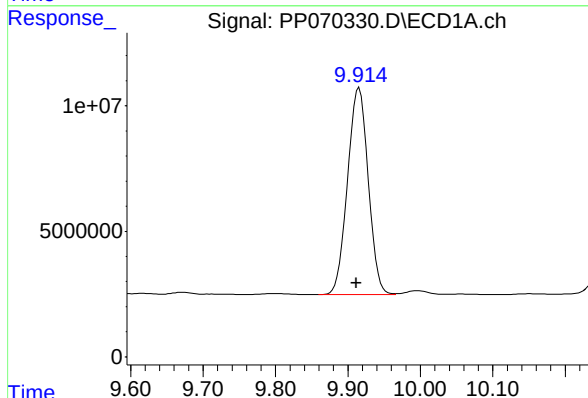
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



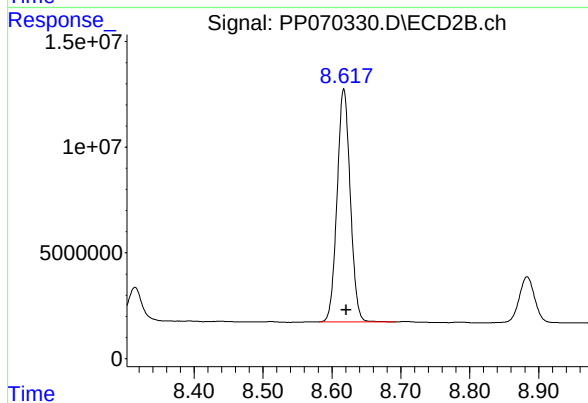
#44 AR-1268-4

R.T.: 8.314 min
Delta R.T.: -0.001 min
Response: 22894029
Conc: 430.46 ng/ml



#45 AR-1268-5

R.T.: 9.916 min
Delta R.T.: 0.004 min
Response: 164050124
Conc: 394.43 ng/ml



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.004 min
Response: 146431503
Conc: 412.23 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-11BDL	SDG No.:	Q1437
Lab Sample ID:	Q1437-01DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	72.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070351.D	20	03/06/25 11:40	03/07/25 12:52	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	93.1	UD	93.1	467	ug/kg
11104-28-2	Aroclor-1221	176	UD	176	467	ug/kg
11141-16-5	Aroclor-1232	93.3	UD	93.3	467	ug/kg
53469-21-9	Aroclor-1242	93.1	UD	93.1	467	ug/kg
12672-29-6	Aroclor-1248	217	UD	217	467	ug/kg
11097-69-1	Aroclor-1254	4500	D	75.0	467	ug/kg
37324-23-5	Aroclor-1262	125	UD	125	467	ug/kg
11100-14-4	Aroclor-1268	394	JD	94.2	467	ug/kg
11096-82-5	Aroclor-1260	79.9	UD	79.9	467	ug/kg
Total PCBs	Total PCBs	4900	D	169	467	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	38.4	*	32 - 144	192%	SPK: 20
2051-24-3	Decachlorobiphenyl	76.0	*	32 - 175	380%	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\PP030725\
 Data File : PP070351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 12:52
 Operator : YP\AJ
 Sample : Q1437-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 K084-11BDL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:13:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.829	1790494	1837083	1.220	1.922 #
2)	SA Decachlor...	10.256	8.883	2194515	4115152	1.927	3.796 #
Target Compounds							
26)	L6 AR-1254-1	6.530	5.724	14631692	15766248	258.053	288.921
27)	L6 AR-1254-2	6.746	5.872	28958098	19198720	330.250	393.856
28)	L6 AR-1254-3	7.110	6.276	40592879	36345149	455.453	479.383
29)	L6 AR-1254-4	7.392	6.505	32851283	25443431	440.891	494.431m
30)	L6 AR-1254-5	7.811	6.923	64886077	54567888	966.109	807.585
41)	L9 AR-1268-1	8.753	7.747	10864704	6528302	56.559	39.387 #
42)	L9 AR-1268-2	8.841	7.810	5947454	11372296	35.918	78.407 #
43)	L9 AR-1268-3	9.075	8.019	3898810	3388702	27.169	27.671
44)	L9 AR-1268-4	9.492	8.313	2100043	2149862	33.308m	40.422
45)	L9 AR-1268-5	9.913	8.617	11877967	10412954	28.558	29.314

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:52
Operator : YP\AJ
Sample : Q1437-01DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

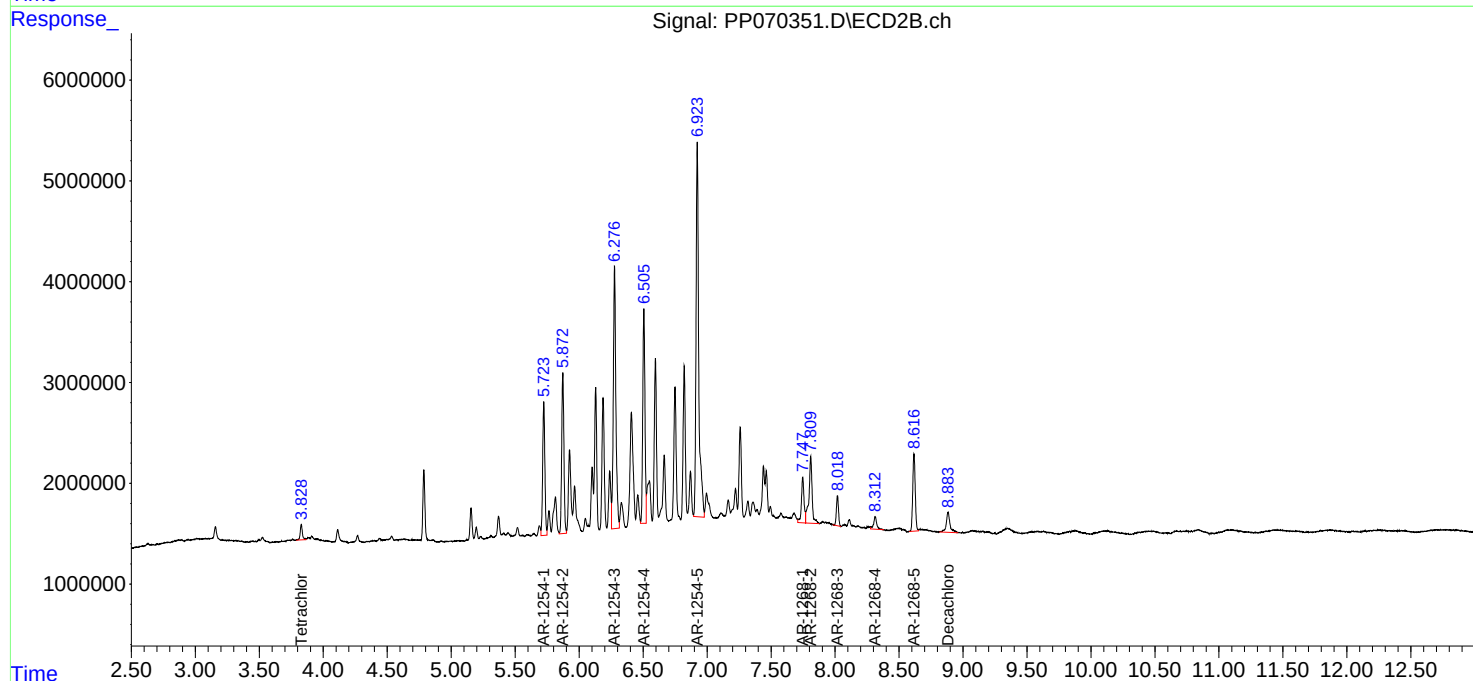
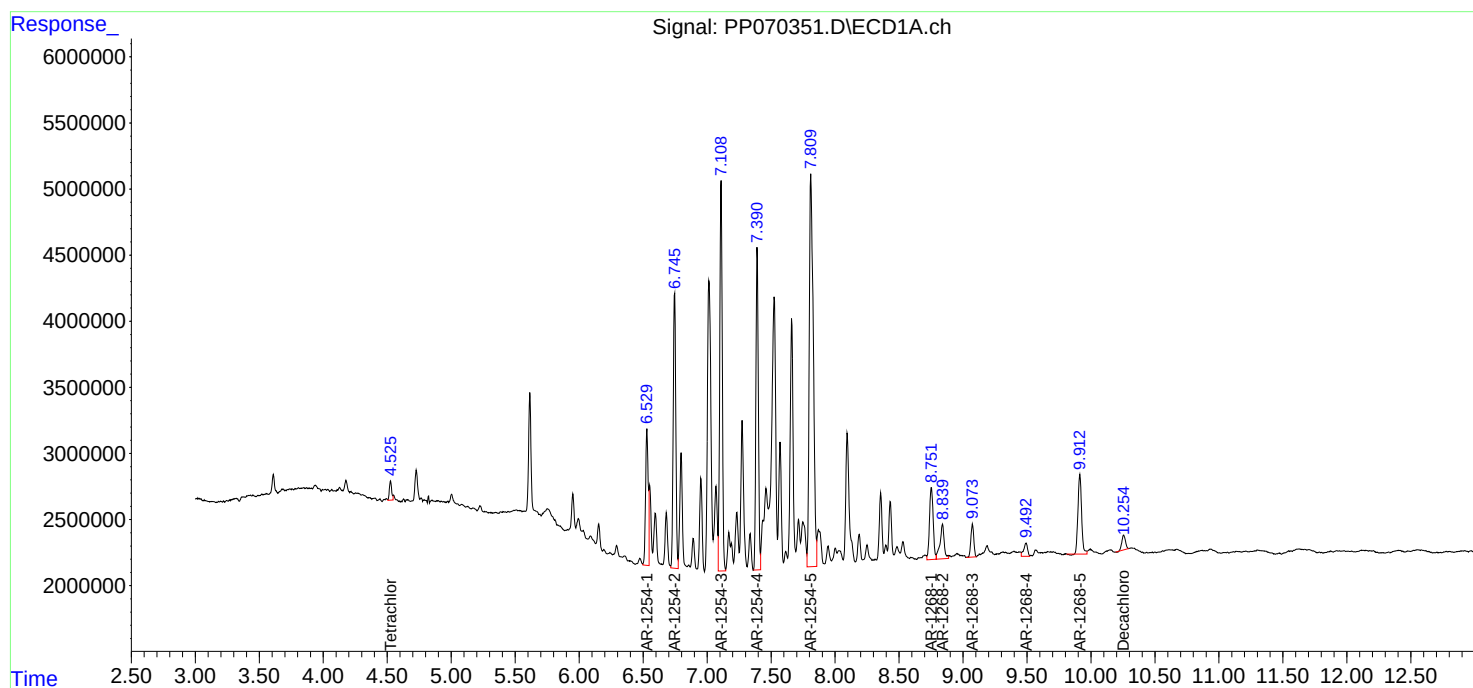
Instrument :
ECD_P
ClientSampleId :
K084-11BDL

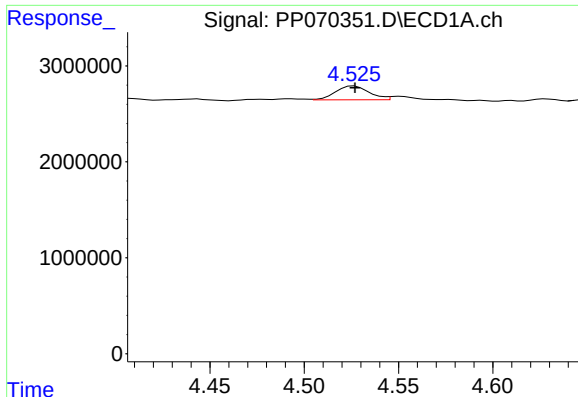
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:13:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





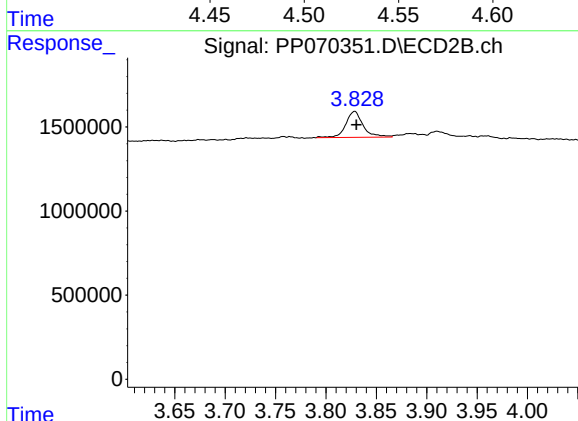
#1 Tetrachloro-m-xylene

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 1790494
Conc: 1.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11BDL

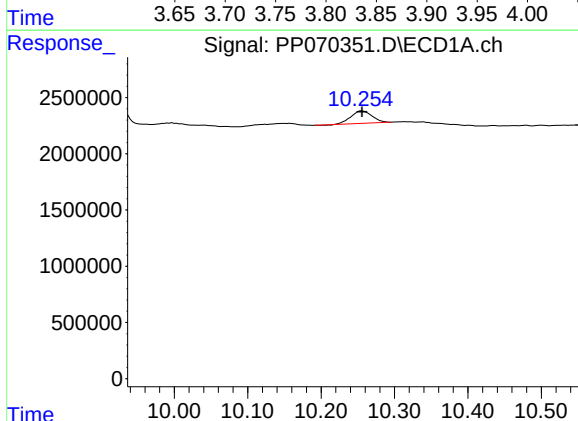
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



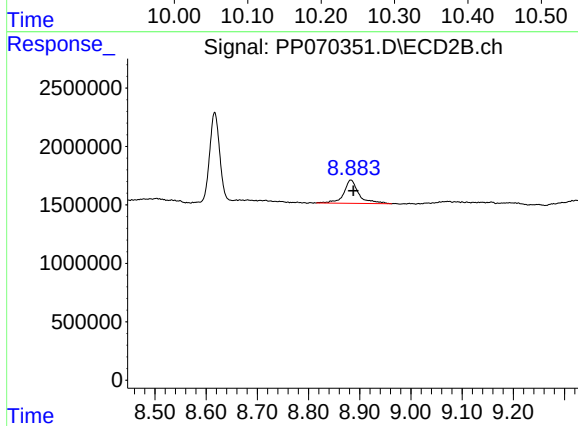
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 1837083
Conc: 1.92 ng/ml



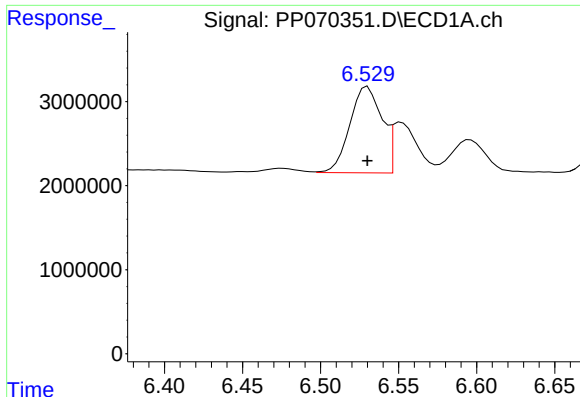
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: 0.000 min
Response: 2194515
Conc: 1.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 4115152
Conc: 3.80 ng/ml



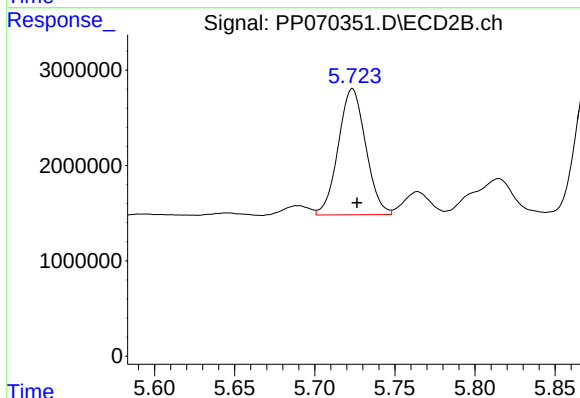
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 14631692
Conc: 258.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11BDL

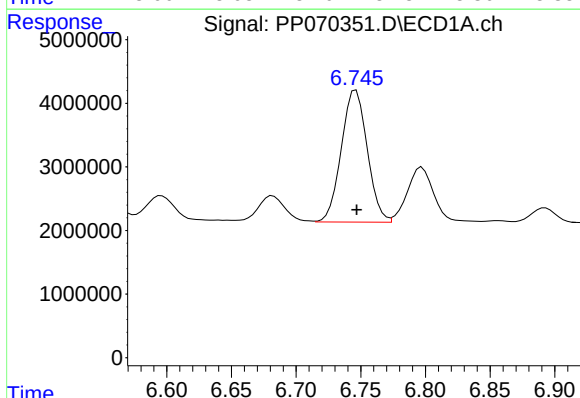
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



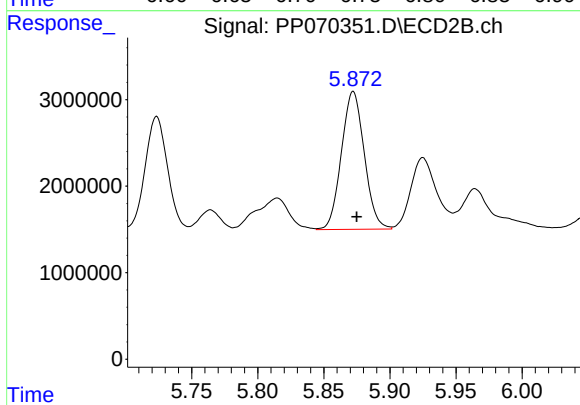
#26 AR-1254-1

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 15766248
Conc: 288.92 ng/ml



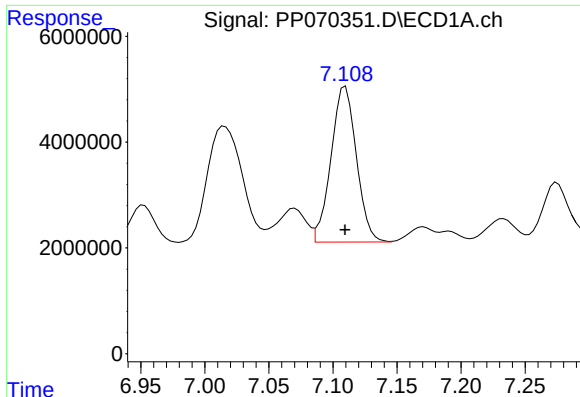
#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 28958098
Conc: 330.25 ng/ml



#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 19198720
Conc: 393.86 ng/ml



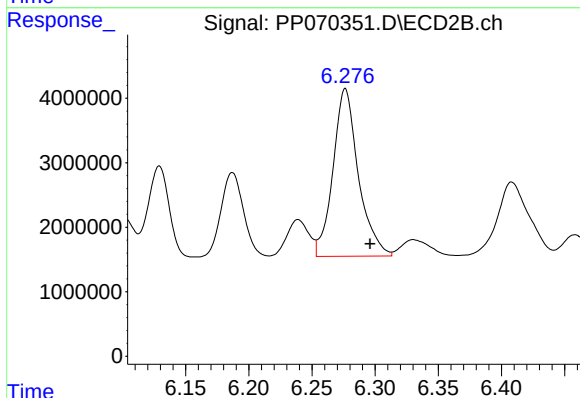
#28 AR-1254-3

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 40592879
Conc: 455.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11BDL

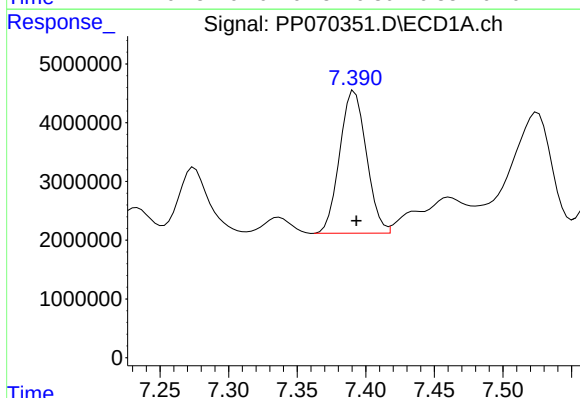
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



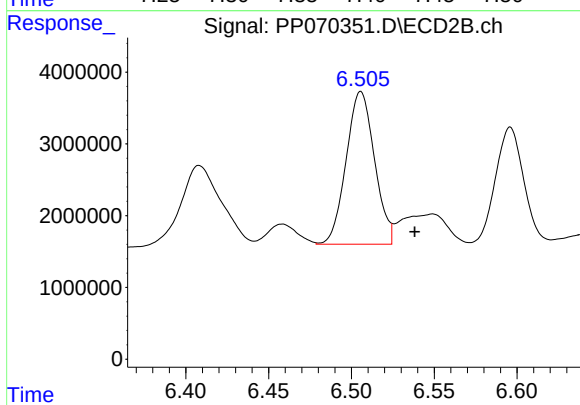
#28 AR-1254-3

R.T.: 6.276 min
Delta R.T.: -0.020 min
Response: 36345149
Conc: 479.38 ng/ml



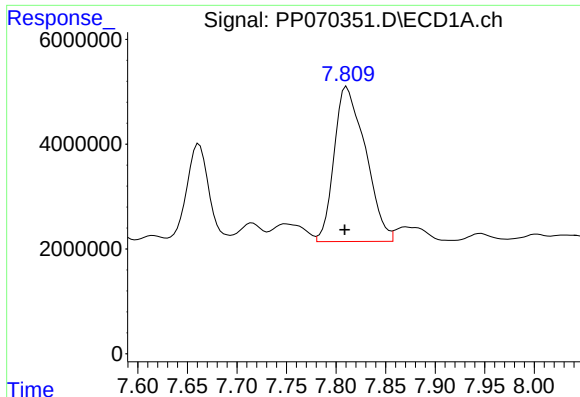
#29 AR-1254-4

R.T.: 7.392 min
Delta R.T.: -0.001 min
Response: 32851283
Conc: 440.89 ng/ml



#29 AR-1254-4

R.T.: 6.505 min
Delta R.T.: -0.033 min
Response: 25443431
Conc: 494.43 ng/ml m



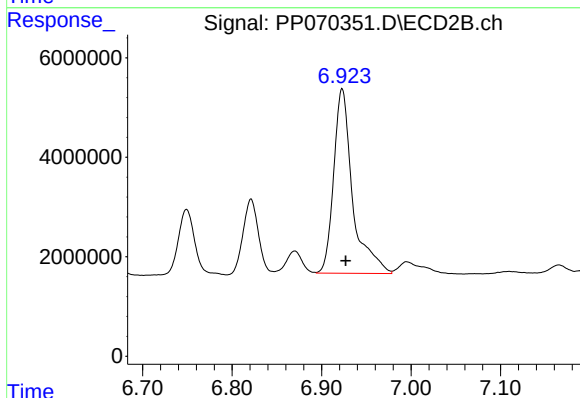
#30 AR-1254-5

R.T.: 7.811 min
Delta R.T.: 0.002 min
Response: 64886077
Conc: 966.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11BDL

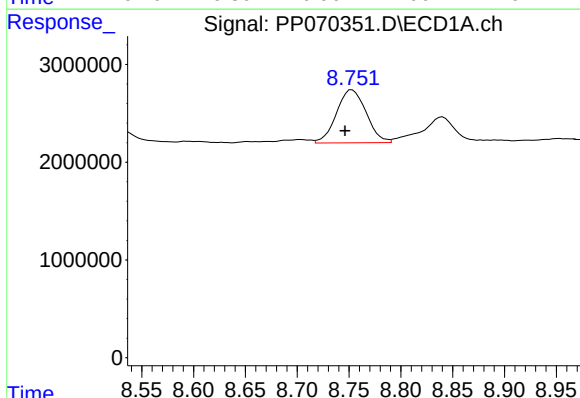
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



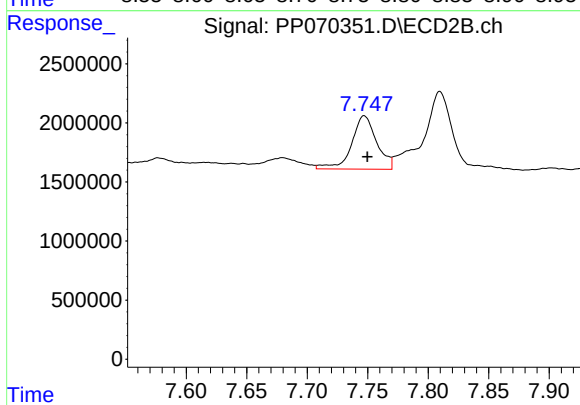
#30 AR-1254-5

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 54567888
Conc: 807.58 ng/ml



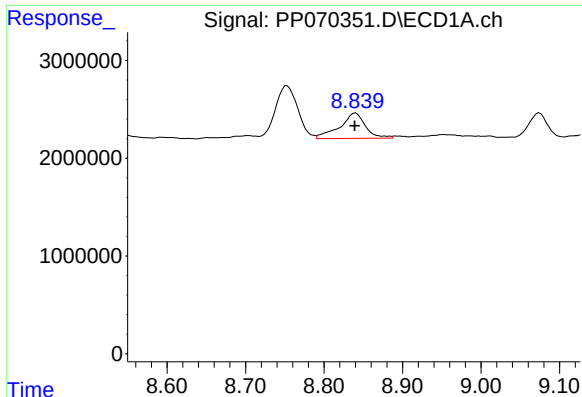
#41 AR-1268-1

R.T.: 8.753 min
Delta R.T.: 0.007 min
Response: 10864704
Conc: 56.56 ng/ml



#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.003 min
Response: 6528302
Conc: 39.39 ng/ml



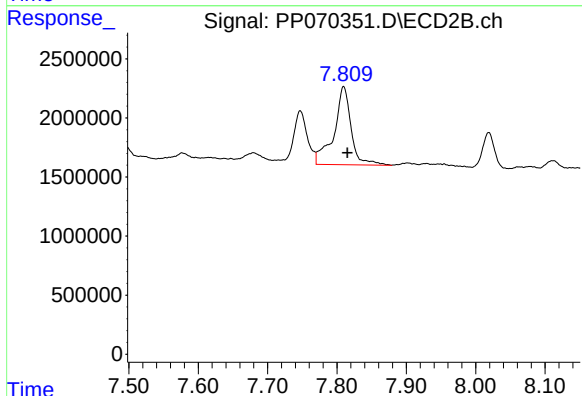
#42 AR-1268-2

R.T.: 8.841 min
Delta R.T.: 0.001 min
Response: 5947454
Conc: 35.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11BDL

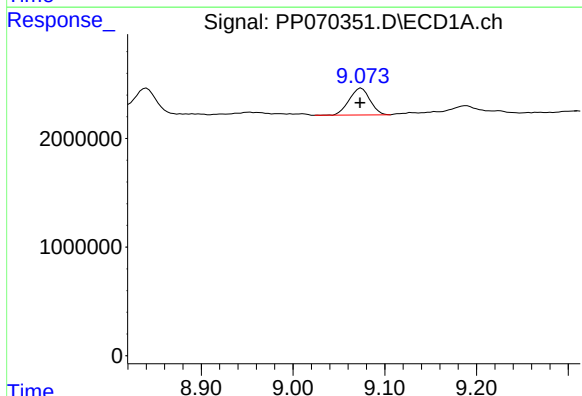
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



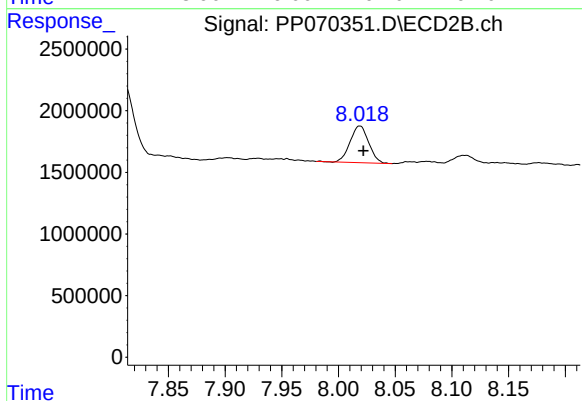
#42 AR-1268-2

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 11372296
Conc: 78.41 ng/ml



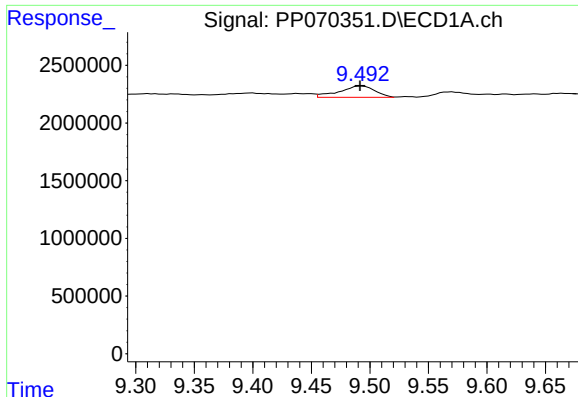
#43 AR-1268-3

R.T.: 9.075 min
Delta R.T.: 0.002 min
Response: 3898810
Conc: 27.17 ng/ml



#43 AR-1268-3

R.T.: 8.019 min
Delta R.T.: -0.003 min
Response: 3388702
Conc: 27.67 ng/ml



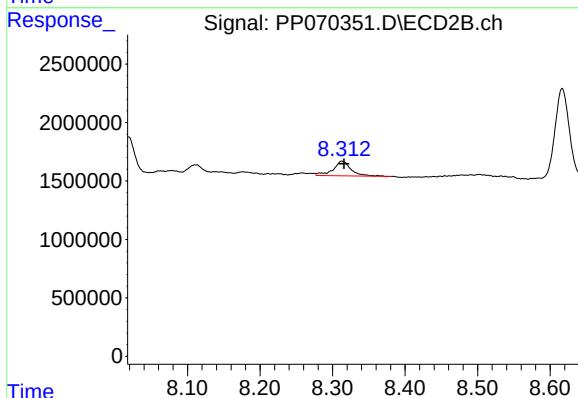
#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 2100043
Conc: 33.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11BDL

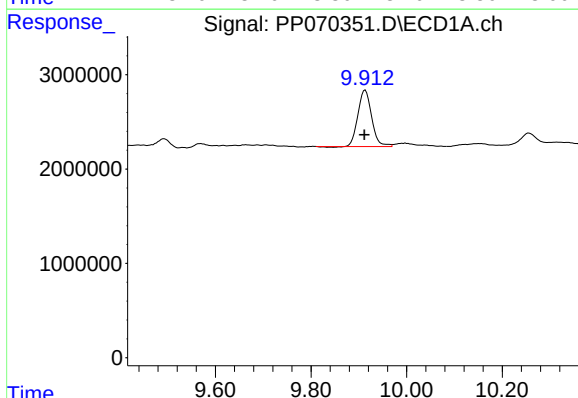
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



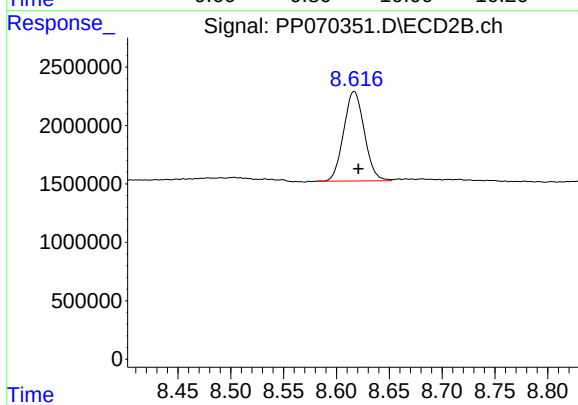
#44 AR-1268-4

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 2149862
Conc: 40.42 ng/ml



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: 0.002 min
Response: 11877967
Conc: 28.56 ng/ml



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.004 min
Response: 10412954
Conc: 29.31 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-11C	SDG No.:	Q1437
Lab Sample ID:	Q1437-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	61.7 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070356.D	1	03/07/25 08:25	03/07/25 14:13	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.50	U	5.50	27.5	ug/kg
11104-28-2	Aroclor-1221	10.4	U	10.4	27.5	ug/kg
11141-16-5	Aroclor-1232	5.50	U	5.50	27.5	ug/kg
53469-21-9	Aroclor-1242	5.50	U	5.50	27.5	ug/kg
12672-29-6	Aroclor-1248	12.8	U	12.8	27.5	ug/kg
11097-69-1	Aroclor-1254	529		4.40	27.5	ug/kg
37324-23-5	Aroclor-1262	7.40	U	7.40	27.5	ug/kg
11100-14-4	Aroclor-1268	22.2	JP	5.50	27.5	ug/kg
11096-82-5	Aroclor-1260	4.70	U	4.70	27.5	ug/kg
Total PCBs	Total PCBs	552		9.90	27.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.40		32 - 175	47%	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\PP030725\
 Data File : PP070356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 14:13
 Operator : YP\AJ
 Sample : Q1437-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 K084-11C

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:15:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.828	24292862	18887665	16.553m	19.756
2) SA Decachlor...	10.256	8.883	10538957	10193887	9.253	9.403
Target Compounds						
26) L6 AR-1254-1	6.530	5.723	30649889	30051725	540.559	550.707
27) L6 AR-1254-2	6.746	5.872	57031504	34341120	650.410	704.498
28) L6 AR-1254-3	7.109	6.277	72552342	65049782	814.039	857.989
29) L6 AR-1254-4	7.392	6.505	58304129	43452683	782.489	844.397m
30) L6 AR-1254-5	7.825	6.923	142.6E6	117.2E6	2123.152	1733.920
41) L9 AR-1268-1	8.754	7.747	10816994	6231023	56.311	37.593 #
42) L9 AR-1268-2	8.840	7.809	5537403	10636922	33.441	73.337 #
43) L9 AR-1268-3	9.074	8.019	3050775	3084511	21.259	25.187
44) L9 AR-1268-4	9.492	8.313	1672649	2377215	26.529	44.697 #
45) L9 AR-1268-5	9.913	8.617	9037876	8828392	21.730	24.853

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 14:13
Operator : YP\AJ
Sample : Q1437-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

K084-11C

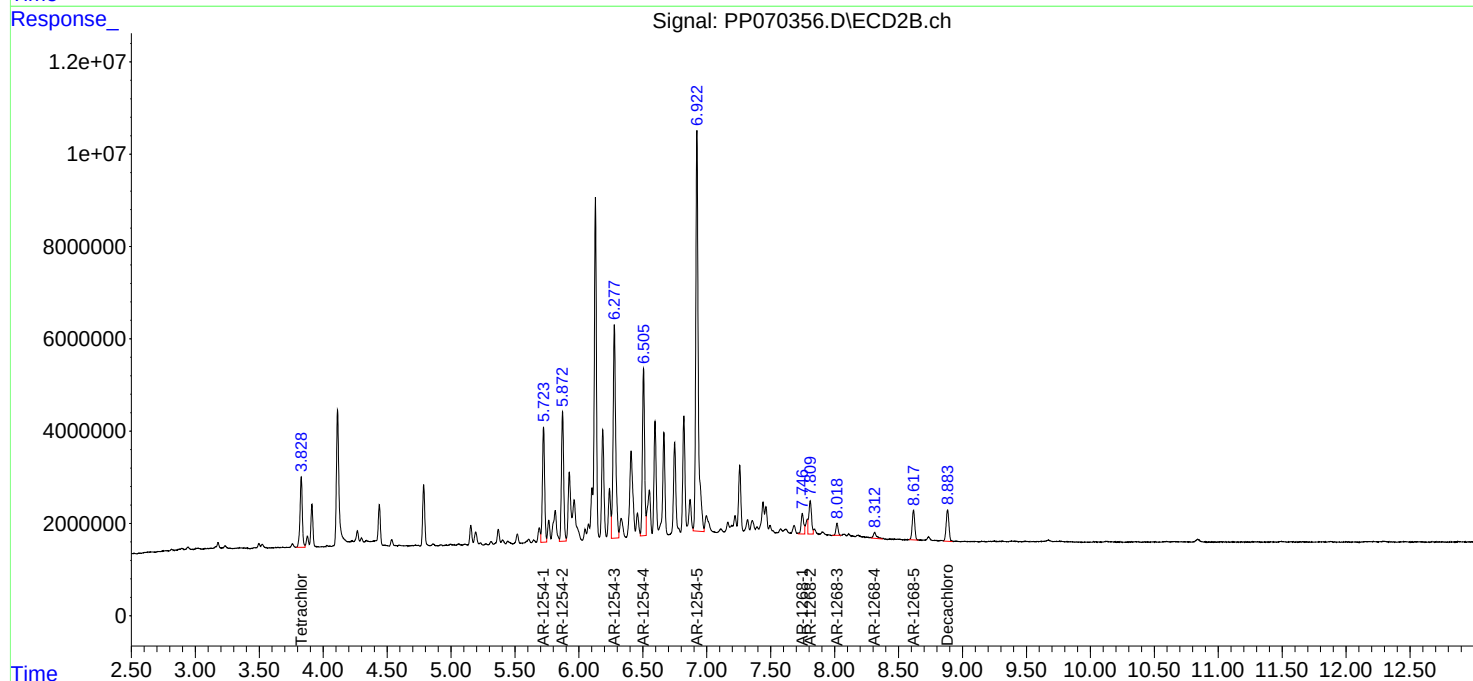
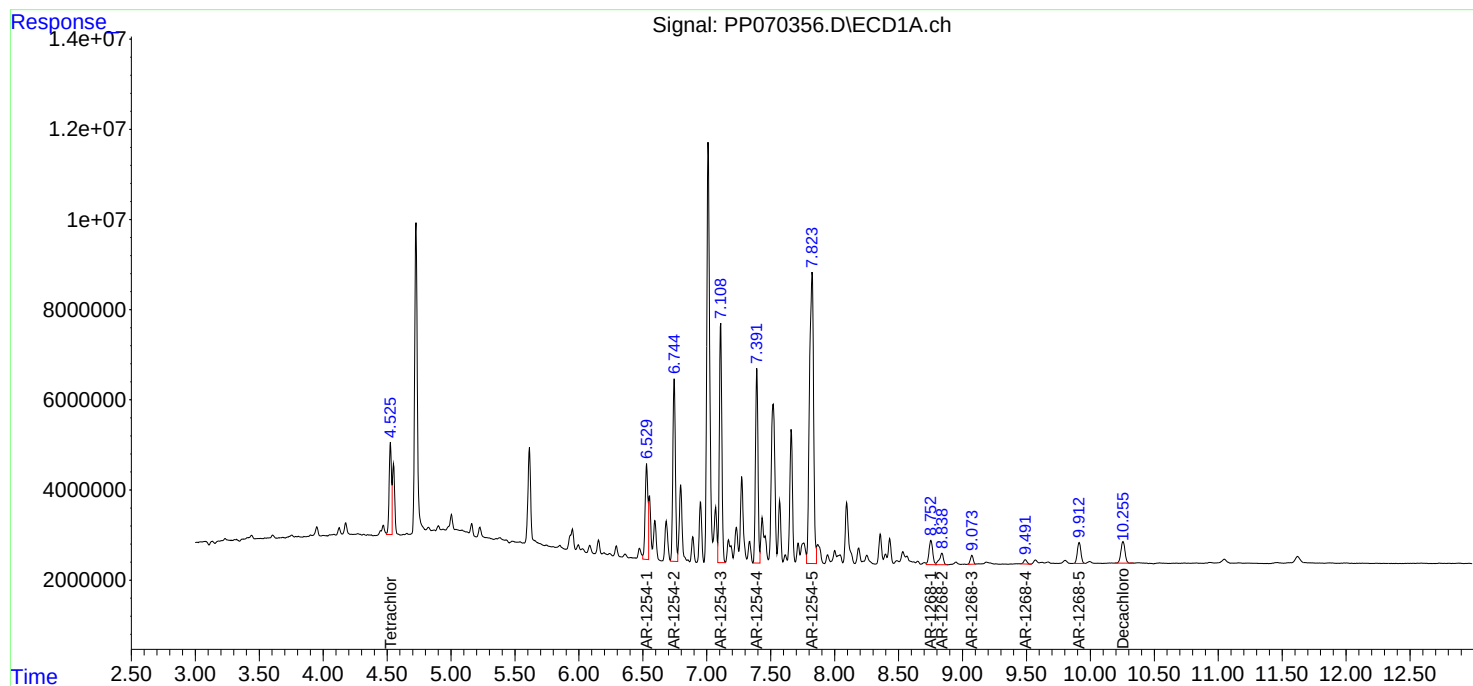
Manual Integrations

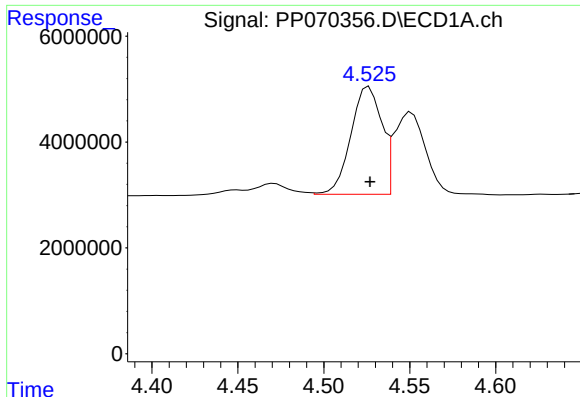
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:15:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





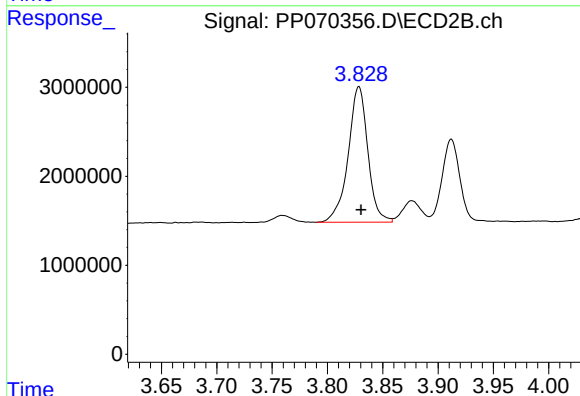
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 24292862
Conc: 16.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11C

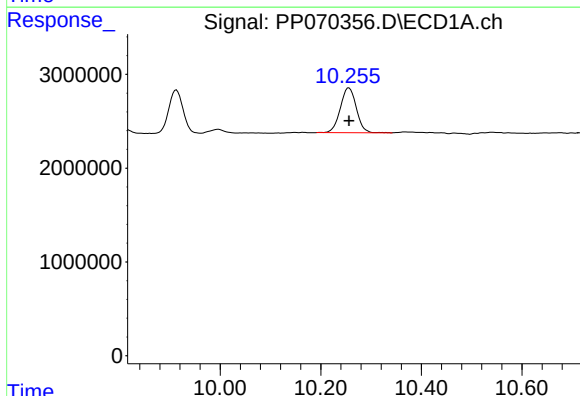
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



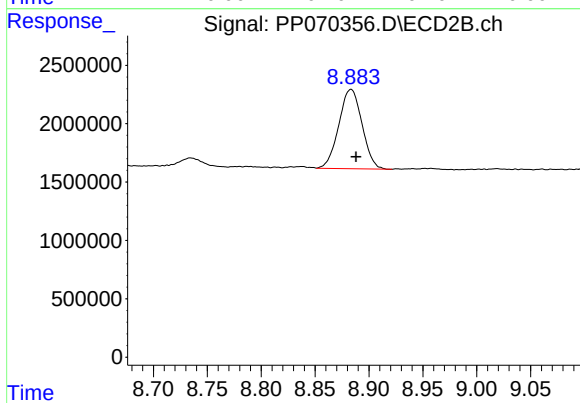
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 18887665
Conc: 19.76 ng/ml



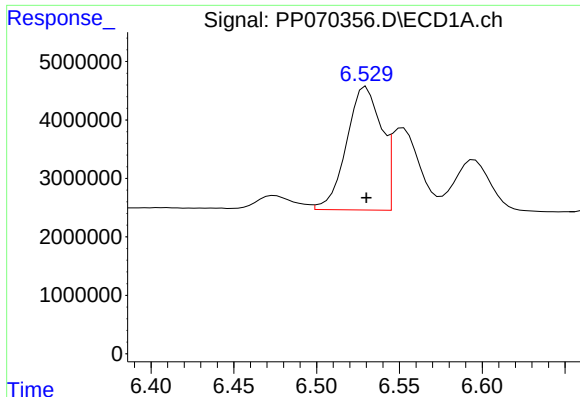
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: 0.000 min
Response: 10538957
Conc: 9.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 10193887
Conc: 9.40 ng/ml



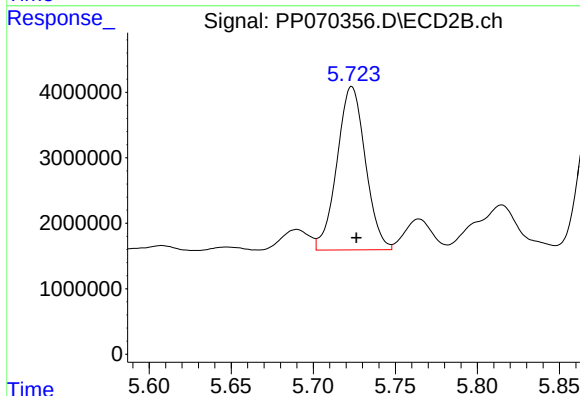
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 30649889
Conc: 540.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11C

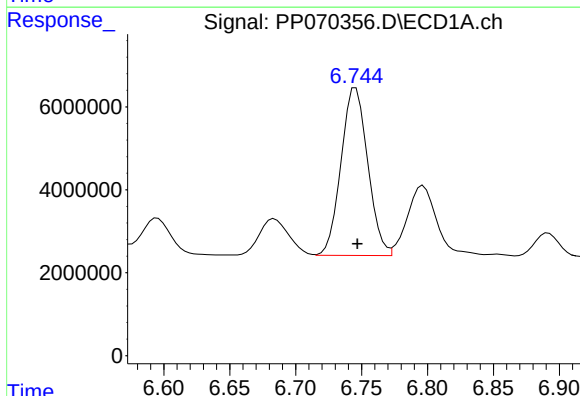
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



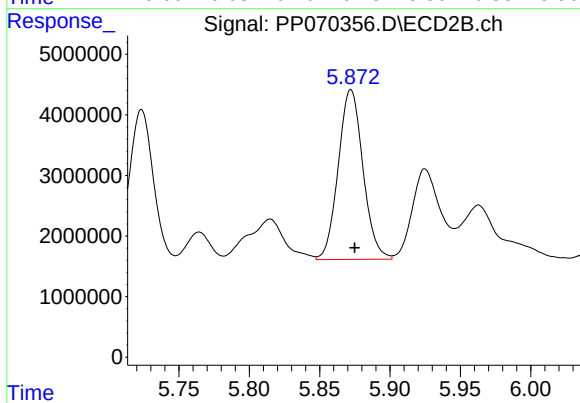
#26 AR-1254-1

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 30051725
Conc: 550.71 ng/ml



#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 57031504
Conc: 650.41 ng/ml

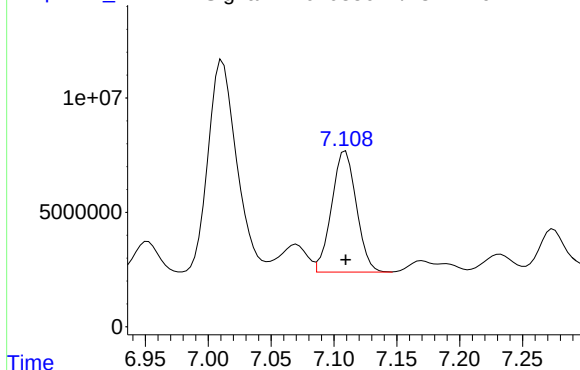


#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 34341120
Conc: 704.50 ng/ml

Response_ Signal: PP070356.D\ECD1A.ch

#28 AR-1254-3



R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 72552342
Conc: 814.04 ng/ml

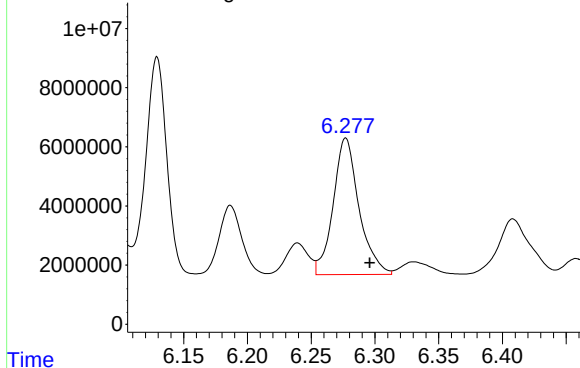
Instrument :
ECD_P
ClientSampleId :
K084-11C

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Response_ Signal: PP070356.D\ECD2B.ch

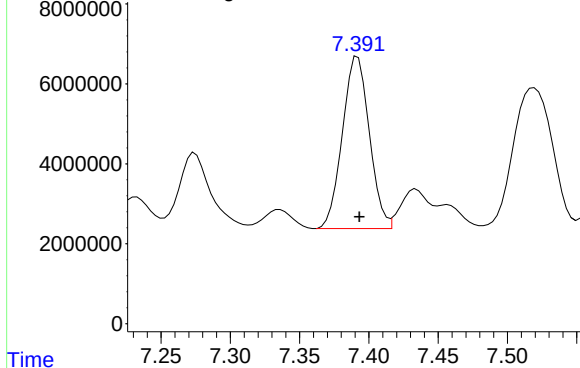
#28 AR-1254-3



R.T.: 6.277 min
Delta R.T.: -0.019 min
Response: 65049782
Conc: 857.99 ng/ml

Response_ Signal: PP070356.D\ECD1A.ch

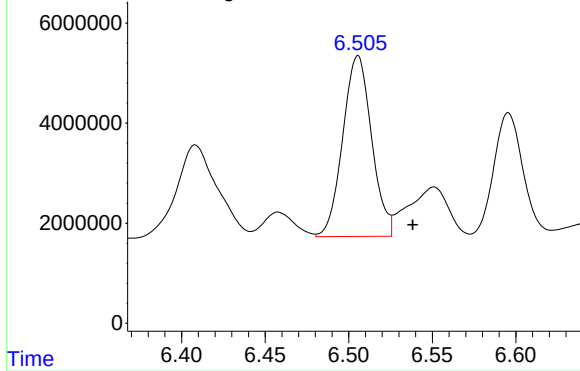
#29 AR-1254-4



R.T.: 7.392 min
Delta R.T.: -0.001 min
Response: 58304129
Conc: 782.49 ng/ml

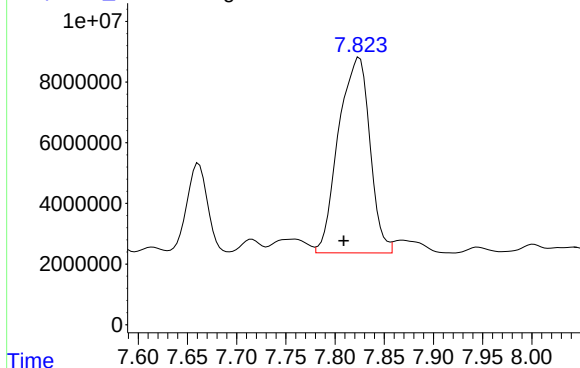
Response_ Signal: PP070356.D\ECD2B.ch

#29 AR-1254-4



R.T.: 6.505 min
Delta R.T.: -0.033 min
Response: 43452683
Conc: 844.40 ng/ml m

Response_ Signal: PP070356.D\ECD1A.ch



#30 AR-1254-5

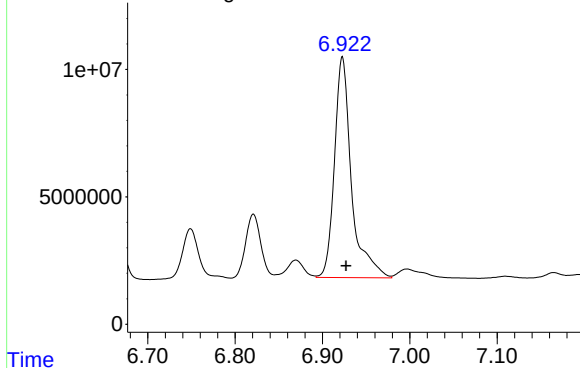
R.T.: 7.825 min
Delta R.T.: 0.016 min
Response: 142595784
Conc: 2123.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11C

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

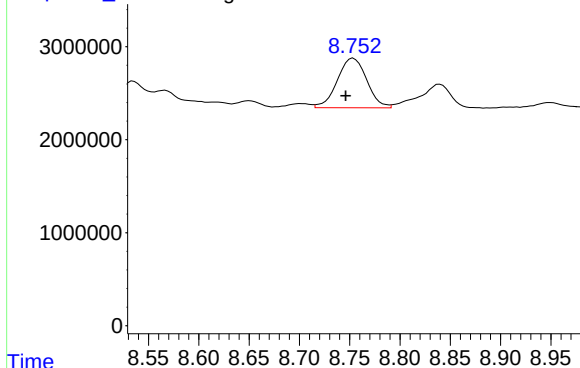
Response_ Signal: PP070356.D\ECD2B.ch



#30 AR-1254-5

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 117159668
Conc: 1733.92 ng/ml

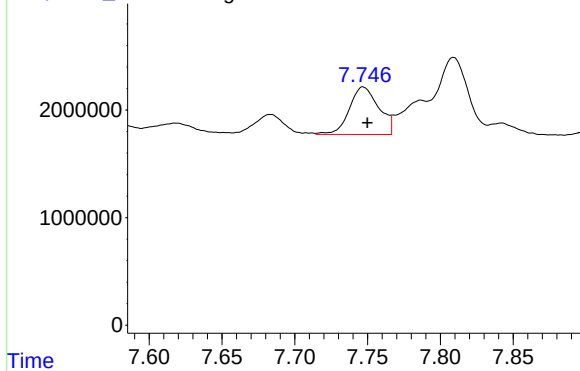
Response_ Signal: PP070356.D\ECD1A.ch



#41 AR-1268-1

R.T.: 8.754 min
Delta R.T.: 0.008 min
Response: 10816994
Conc: 56.31 ng/ml

Response_ Signal: PP070356.D\ECD2B.ch



#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.003 min
Response: 6231023
Conc: 37.59 ng/ml

```

      R.T.:      8.840 min
Delta R.T.:      0.000 min
Response:      5537403
      Conc:     33.44 ng/ml

```

Manual Integrations

Time	8.60	8.70	8.80	8.90	9.00
------	------	------	------	------	------

```

      R.T.:    7.809 min
Delta R.T.:   -0.006 min
  Response:  10636922
      Conc:   73.34 ng/ml

```

Response_ Signal: PP070356.D\ECD2B.ch

```

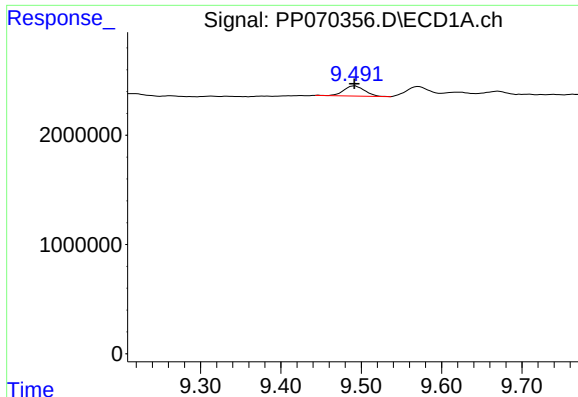
      R.T.:    9.074 min
Delta R.T.:    0.001 min
  Response:   3050775
      Conc:   21.26 ng/ml

```

Response_ Signal: PP070356.D\ECD1A.ch

R.T.: 8.019 min
Delta R.T.: -0.004 min
Response: 3084511
Conc: 25.19 ng/ml

Response_ Signal: PP070356.D\ECD2B.ch



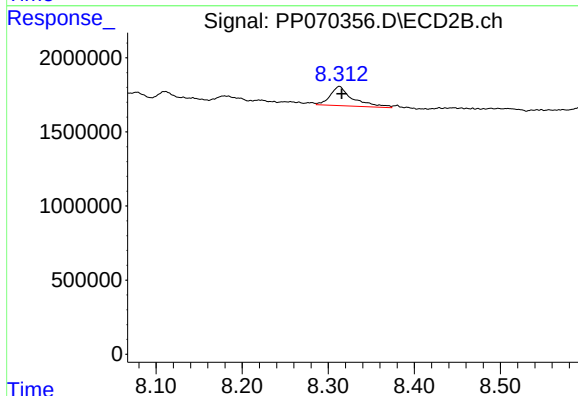
#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 1672649
Conc: 26.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-11C

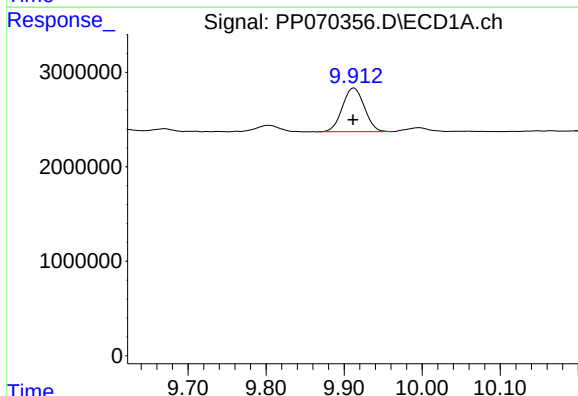
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



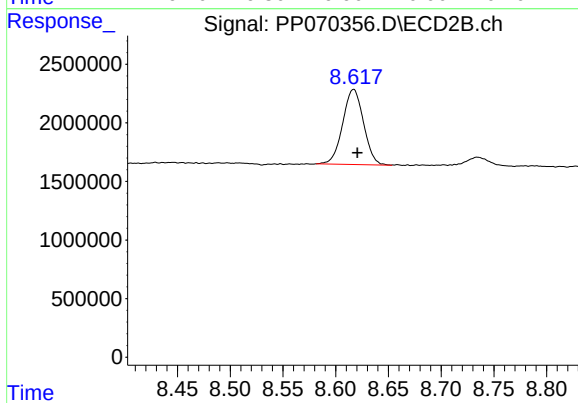
#44 AR-1268-4

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 2377215
Conc: 44.70 ng/ml



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: 0.002 min
Response: 9037876
Conc: 21.73 ng/ml



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.004 min
Response: 8828392
Conc: 24.85 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-12A	SDG No.:	Q1437
Lab Sample ID:	Q1437-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.5 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109572.D	1	02/27/25 09:15	02/28/25 07:18	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	22.8	ug/kg
11104-28-2	Aroclor-1221	8.60	U	8.60	22.8	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	22.8	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	22.8	ug/kg
12672-29-6	Aroclor-1248	10.6	U	10.6	22.8	ug/kg
11097-69-1	Aroclor-1254	6900	E	3.70	22.8	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	22.8	ug/kg
11100-14-4	Aroclor-1268	544	E	4.60	22.8	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	22.8	ug/kg
Total PCBs	Total PCBs	7400	E	8.30	22.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	50.2	*	32 - 175	251%	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_O\Data\P0022725\
 Data File : P0109572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 07:18
 Operator : YP/AJ
 Sample : Q1437-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K084-12A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 09:34:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds

1) SA Tetrachlo...	3.696	3.694	192.4E6	114.1E6	20.322	21.799
2) SA Decachlor...	8.753	8.706	383.1E6	159.7E6	44.534	50.158

Target Compounds

26) L6 AR-1254-1	5.599	5.579	3554.2E6	2054.5E6	6893.207	7855.386
27) L6 AR-1254-2	5.749	5.727	4122.4E6	2375.5E6	9153.269	10127.565
28) L6 AR-1254-3	6.155	6.130	8310.4E6	4782.1E6	11607.426	13406.369
29) L6 AR-1254-4	6.384	6.357	5188.2E6	2832.6E6	12388.582	14667.334
30) L6 AR-1254-5	6.805	6.774	14488.9E6	9163.7E6	23222.924	30882.177 #
41) L9 AR-1268-1	7.631	7.597	1396.6E6	652.6E6	1054.688	1142.130
42) L9 AR-1268-2	7.694	7.660	2230.8E6	1057.3E6	1845.006	2014.165
43) L9 AR-1268-3	7.905	7.869	790.0E6	371.5E6	775.850	867.969
44) L9 AR-1268-4	8.193	8.154	402.0E6	181.7E6	946.303	1126.361
45) L9 AR-1268-5	8.491	8.448	2493.6E6	1023.5E6	825.784	936.282

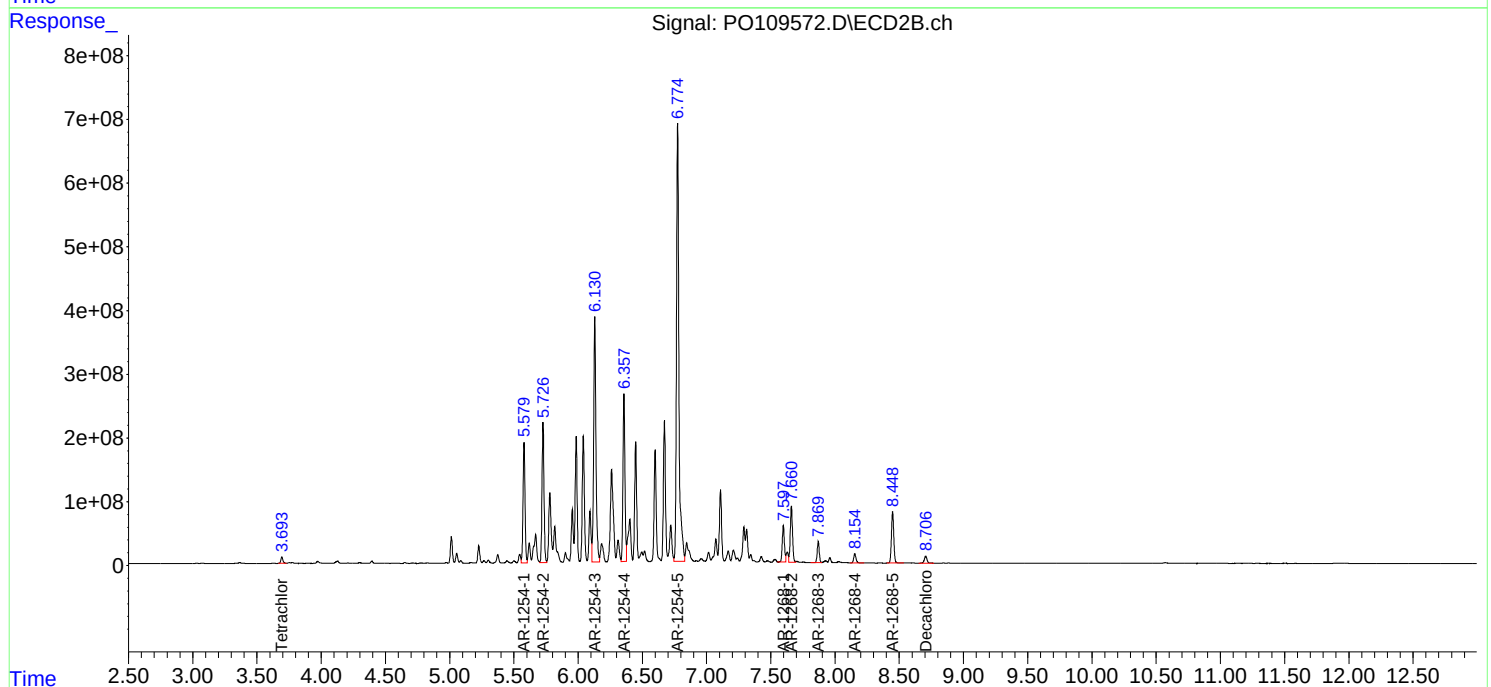
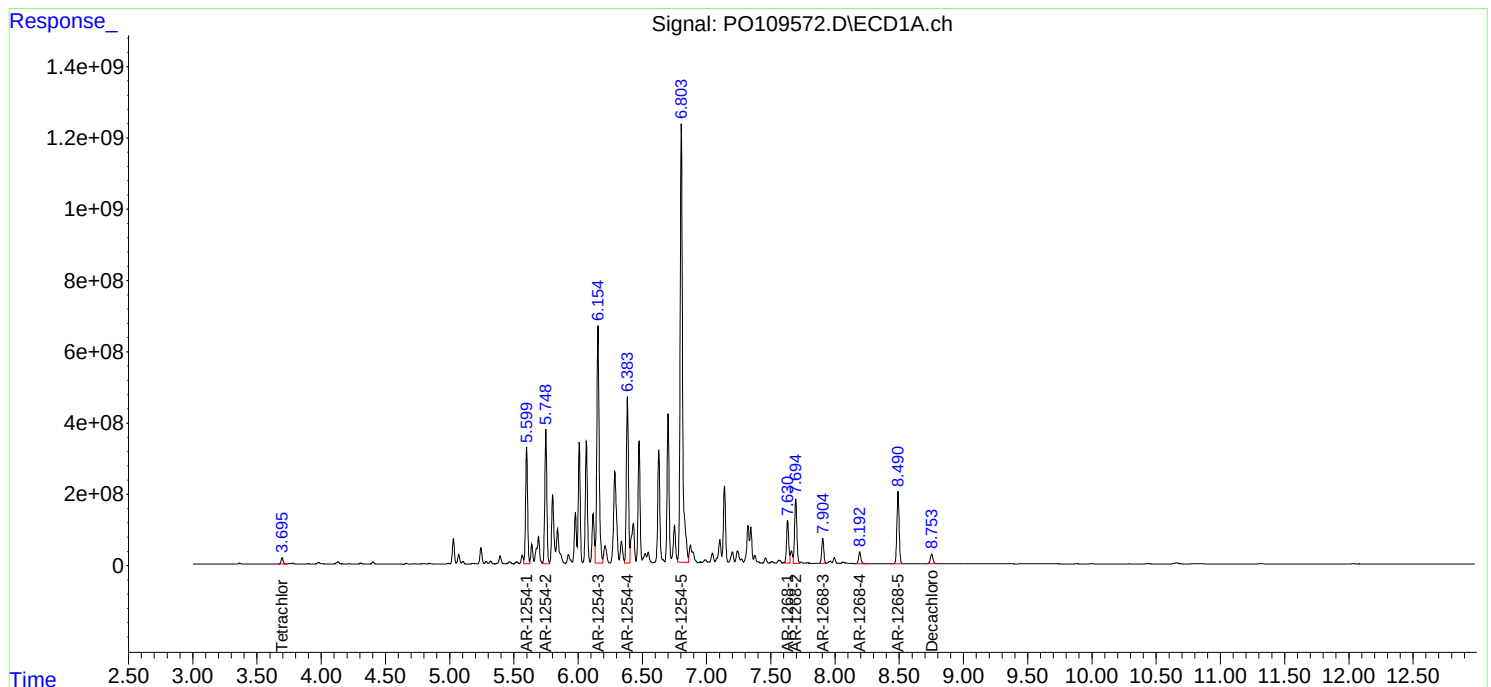
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

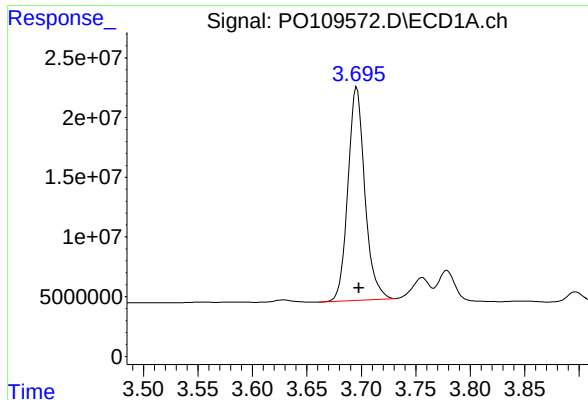
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 07:18
Operator : YP/AJ
Sample : Q1437-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-12A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:34:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

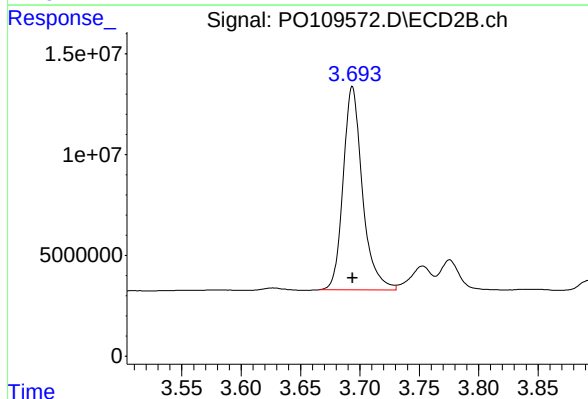




#1 Tetrachloro-m-xylene

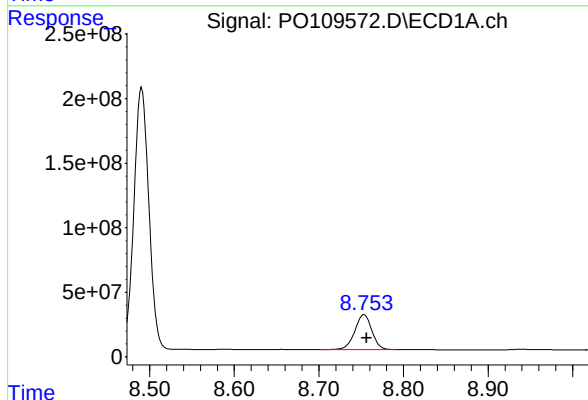
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 192353070
Conc: 20.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12A



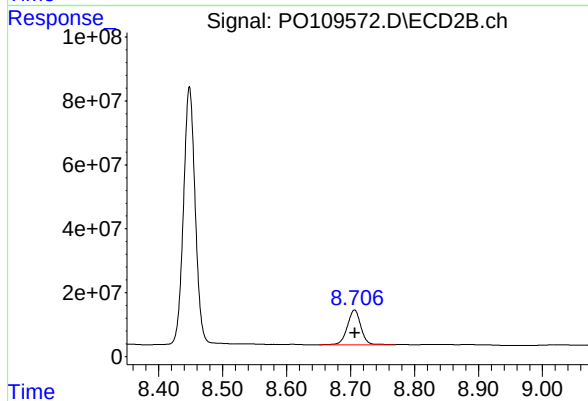
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 114100090
Conc: 21.80 ng/ml



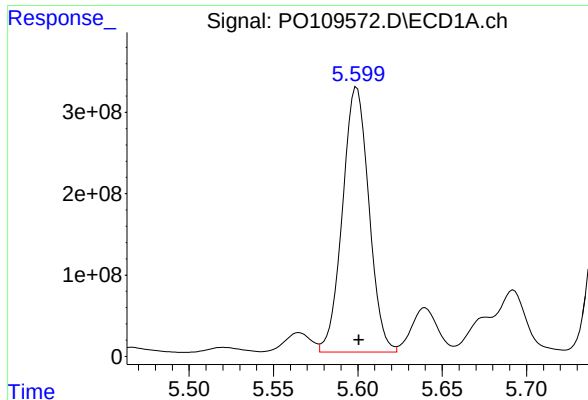
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 383072007
Conc: 44.53 ng/ml



#2 Decachlorobiphenyl

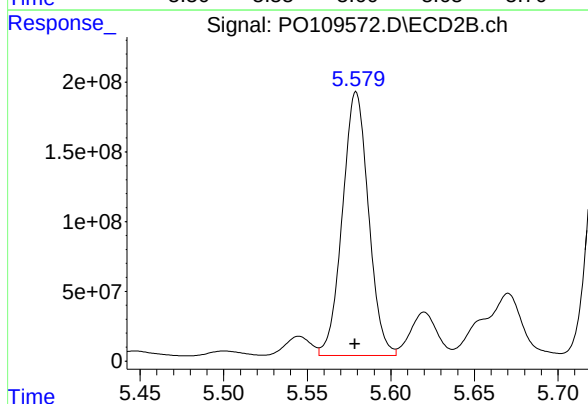
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 159717434
Conc: 50.16 ng/ml



#26 AR-1254-1

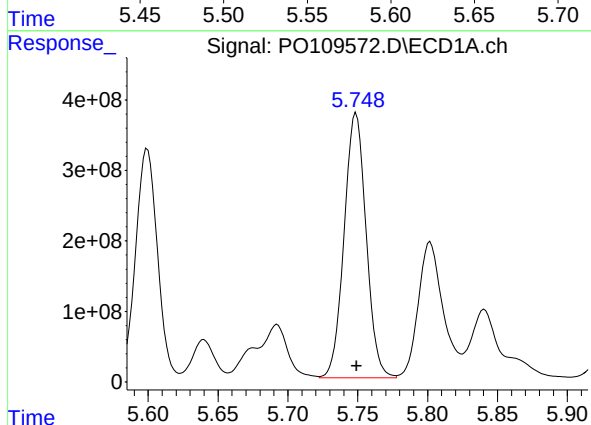
R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 3554183677
Conc: 6893.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12A



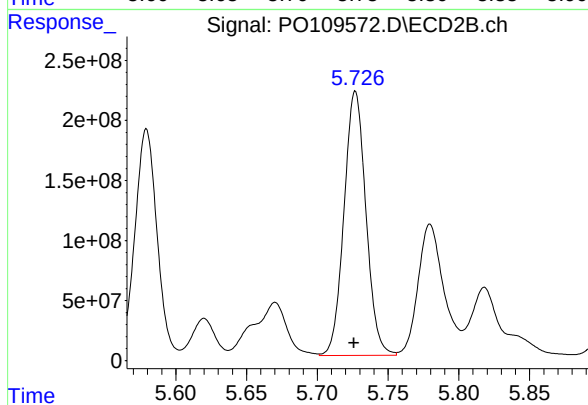
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 2054484345
Conc: 7855.39 ng/ml



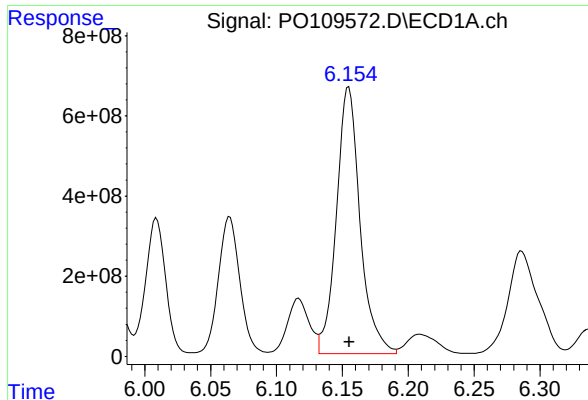
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 4122399265
Conc: 9153.27 ng/ml



#27 AR-1254-2

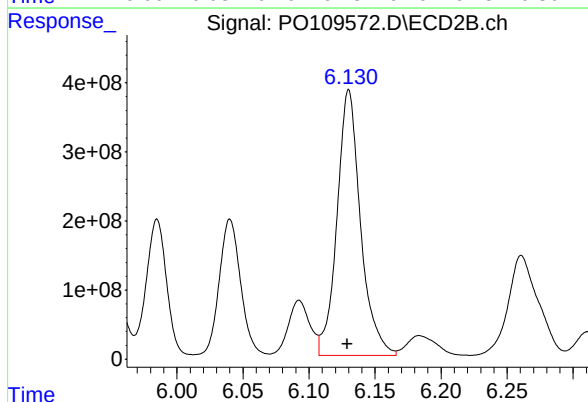
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 2375536393
Conc: 10127.57 ng/ml



#28 AR-1254-3

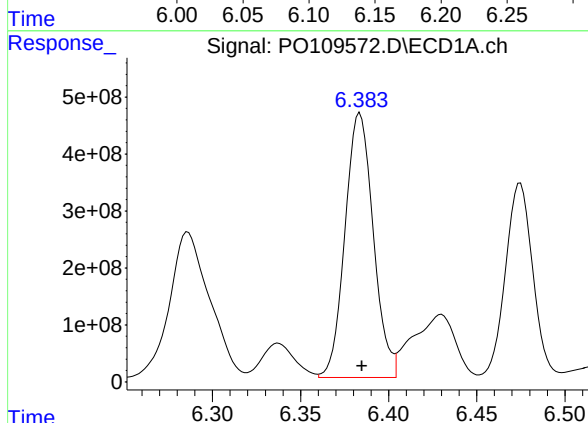
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 8310399459
Conc: 11607.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12A



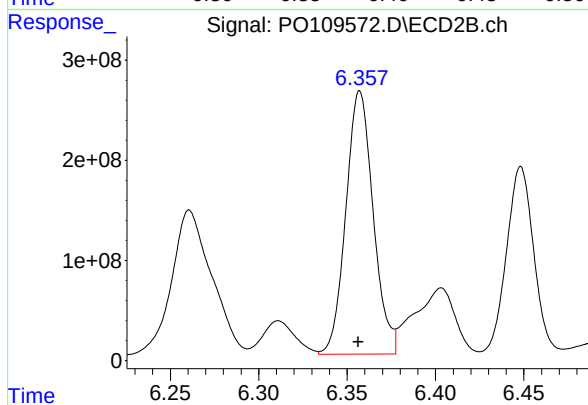
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 4782113165
Conc: 13406.37 ng/ml



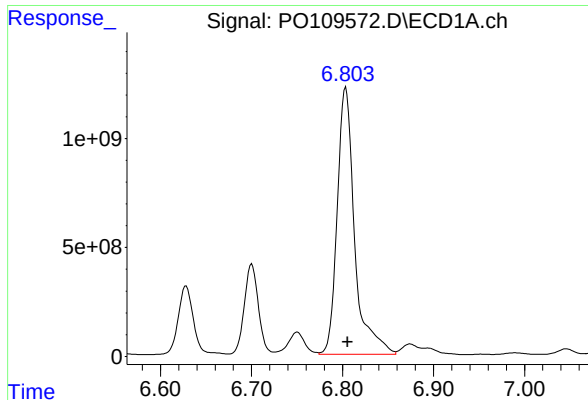
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: -0.001 min
Response: 5188232936
Conc: 12388.58 ng/ml



#29 AR-1254-4

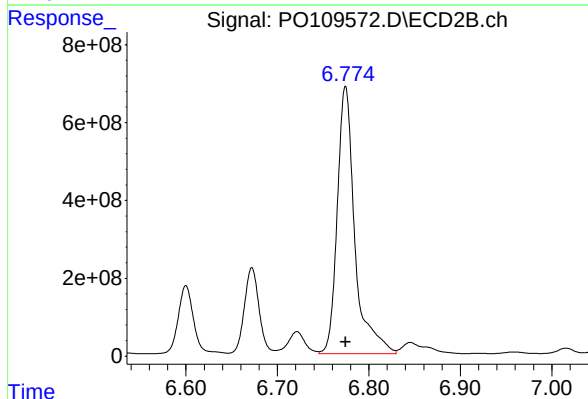
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 2832605499
Conc: 14667.33 ng/ml



#30 AR-1254-5

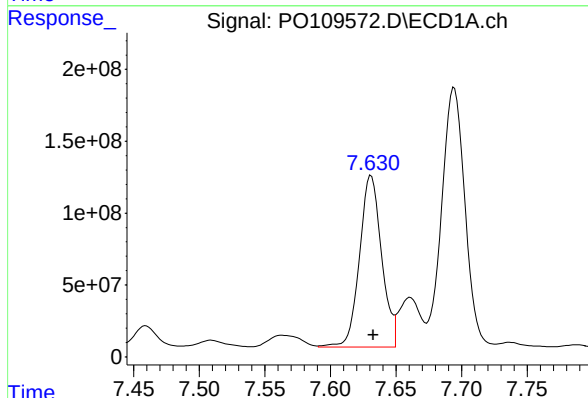
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 14488850731
Conc: 23222.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12A



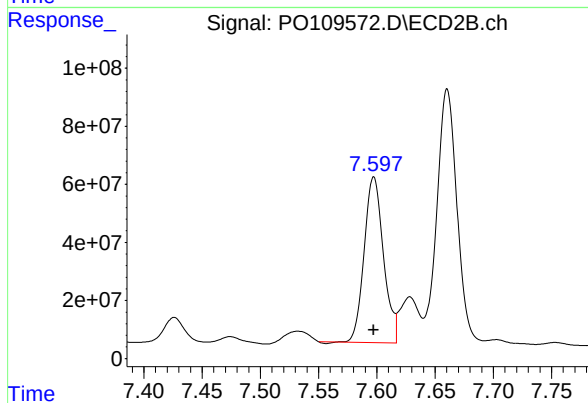
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 9163737467
Conc: 30882.18 ng/ml



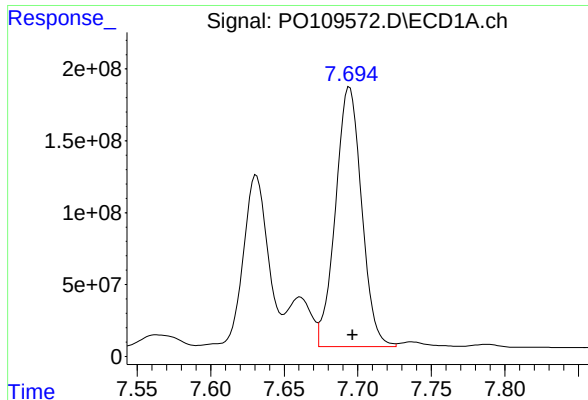
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 1396636473
Conc: 1054.69 ng/ml



#41 AR-1268-1

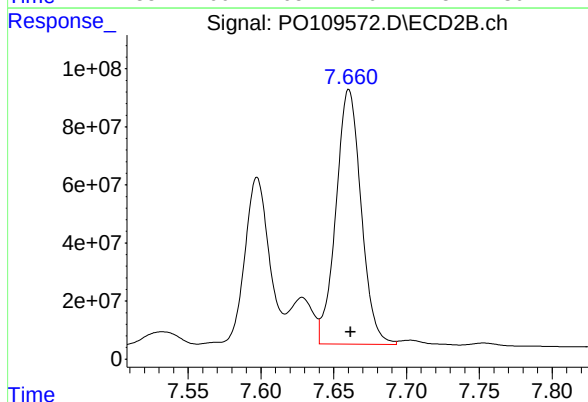
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 652627186
Conc: 1142.13 ng/ml



#42 AR-1268-2

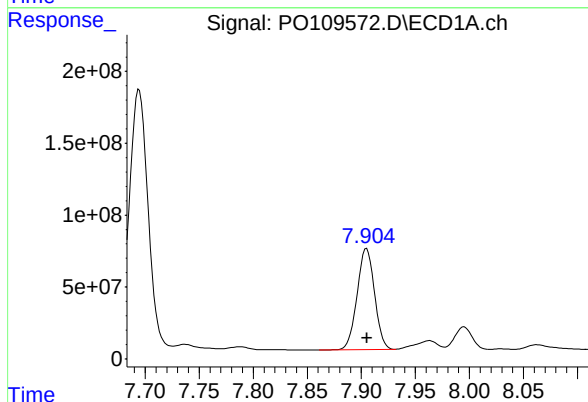
R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 2230808605
Conc: 1845.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12A



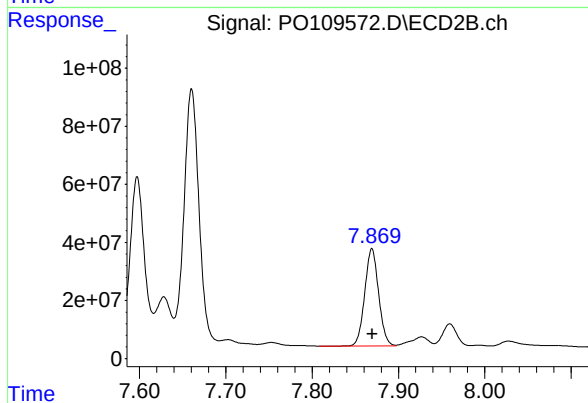
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 1057323558
Conc: 2014.17 ng/ml



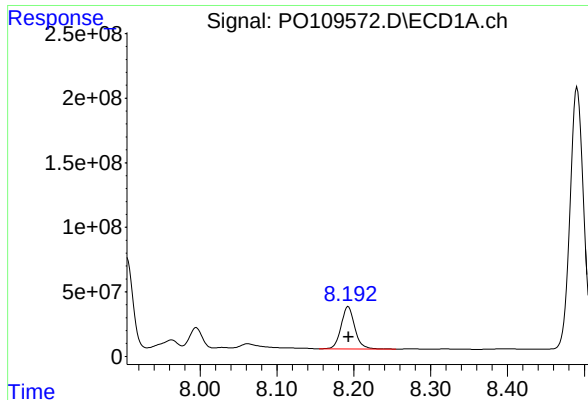
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 789953824
Conc: 775.85 ng/ml



#43 AR-1268-3

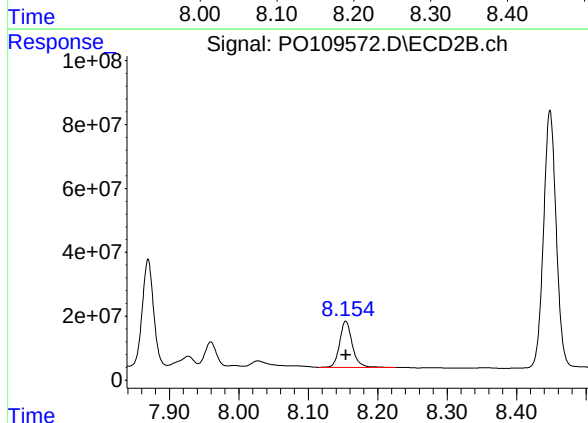
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 371528609
Conc: 867.97 ng/ml



#44 AR-1268-4

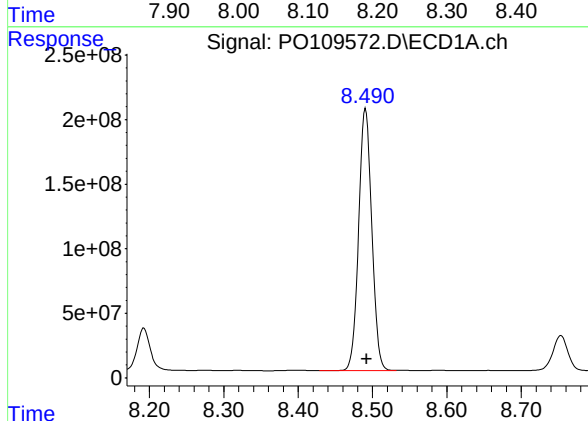
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 402045027
Conc: 946.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12A



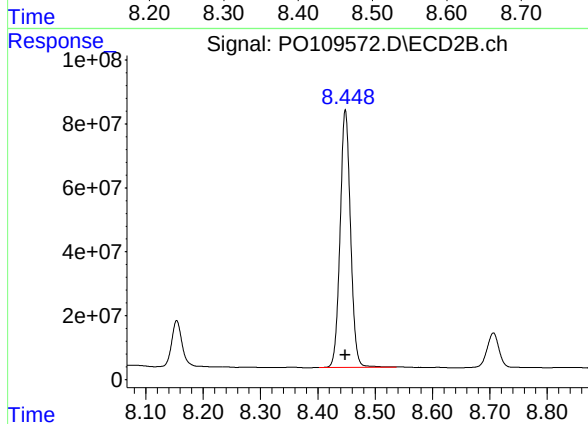
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 181721514
Conc: 1126.36 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 2493580360
Conc: 825.78 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 1023491265
Conc: 936.28 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-12ADL	SDG No.:	Q1437
Lab Sample ID:	Q1437-03DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.5 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109615.D	2	02/27/25 09:15	02/28/25 23:21	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	9.10	UD	9.10	45.6	ug/kg
11104-28-2	Aroclor-1221	17.2	UD	17.2	45.6	ug/kg
11141-16-5	Aroclor-1232	9.10	UD	9.10	45.6	ug/kg
53469-21-9	Aroclor-1242	9.10	UD	9.10	45.6	ug/kg
12672-29-6	Aroclor-1248	21.2	UD	21.2	45.6	ug/kg
11097-69-1	Aroclor-1254	7300	ED	7.30	45.6	ug/kg
37324-23-5	Aroclor-1262	12.3	UD	12.3	45.6	ug/kg
11100-14-4	Aroclor-1268	623	D	9.20	45.6	ug/kg
11096-82-5	Aroclor-1260	7.80	UD	7.80	45.6	ug/kg
Total PCBs	Total PCBs	7900	D	16.5	45.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.6		32 - 144	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	60.3	*	32 - 175	302%	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_O\Data\P0022825\
 Data File : PO109615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 23:21
 Operator : YP/AJ
 Sample : Q1437-03DL 2X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K084-12ADL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 00:34:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	104.3E6	59229972	11.023	11.316
2) SA Decachlor...	8.754	8.706	239.5E6	96002464	27.838	30.149
Target Compounds						
26) L6 AR-1254-1	5.601	5.580	2009.7E6	1093.9E6	3897.798	4182.588
27) L6 AR-1254-2	5.749	5.727	2350.3E6	1272.2E6	5218.552	5423.816
28) L6 AR-1254-3	6.156	6.131	4771.9E6	2562.6E6	6665.035	7184.018
29) L6 AR-1254-4	6.385	6.358	2868.7E6	1459.4E6	6849.963	7556.908
30) L6 AR-1254-5	6.805	6.775	9329.3E6	4826.5E6	14953.078	16265.383
41) L9 AR-1268-1	7.633	7.598	834.2E6	370.4E6	629.976	648.207
42) L9 AR-1268-2	7.696	7.662	1307.7E6	593.9E6	1081.530	1131.323
43) L9 AR-1268-3	7.906	7.870	482.7E6	214.5E6	474.053	501.067
44) L9 AR-1268-4	8.194	8.155	253.6E6	108.3E6	596.920	671.235
45) L9 AR-1268-5	8.493	8.449	1471.2E6	579.5E6	487.207	530.080

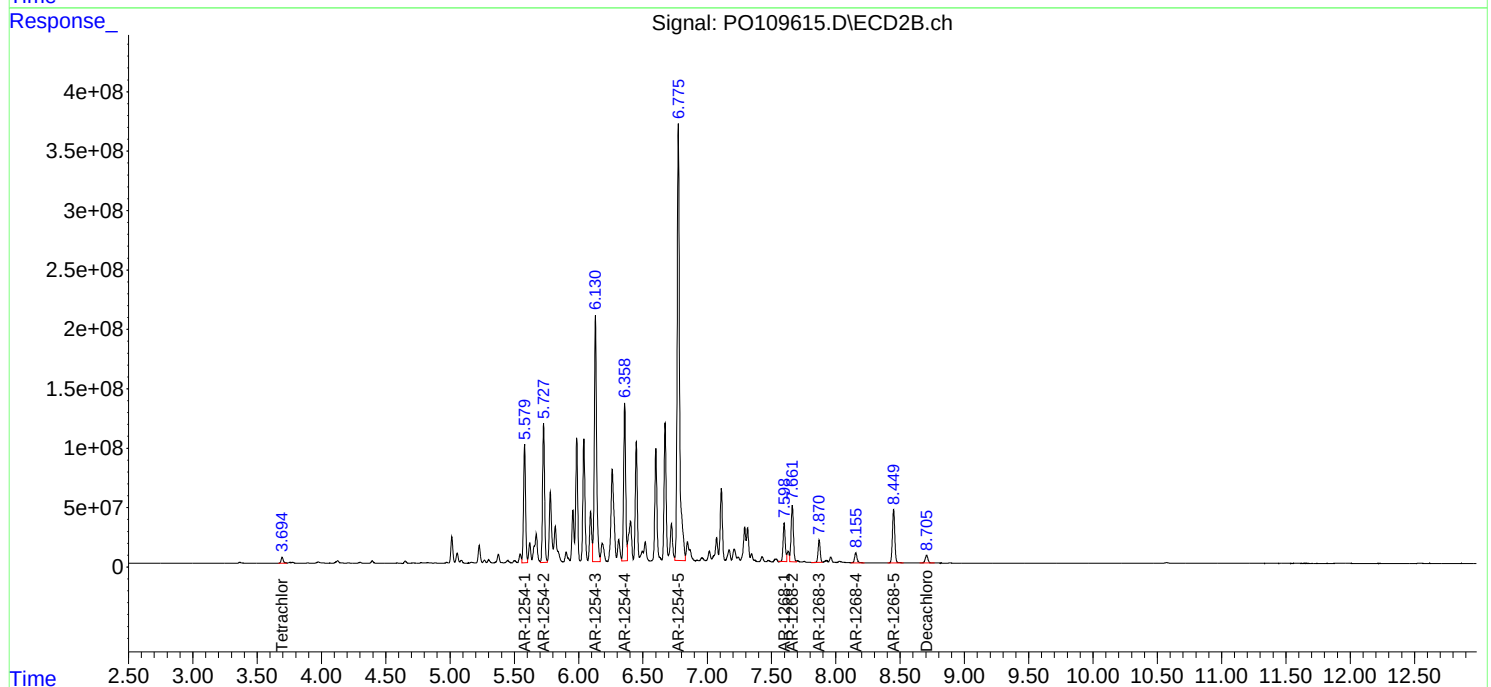
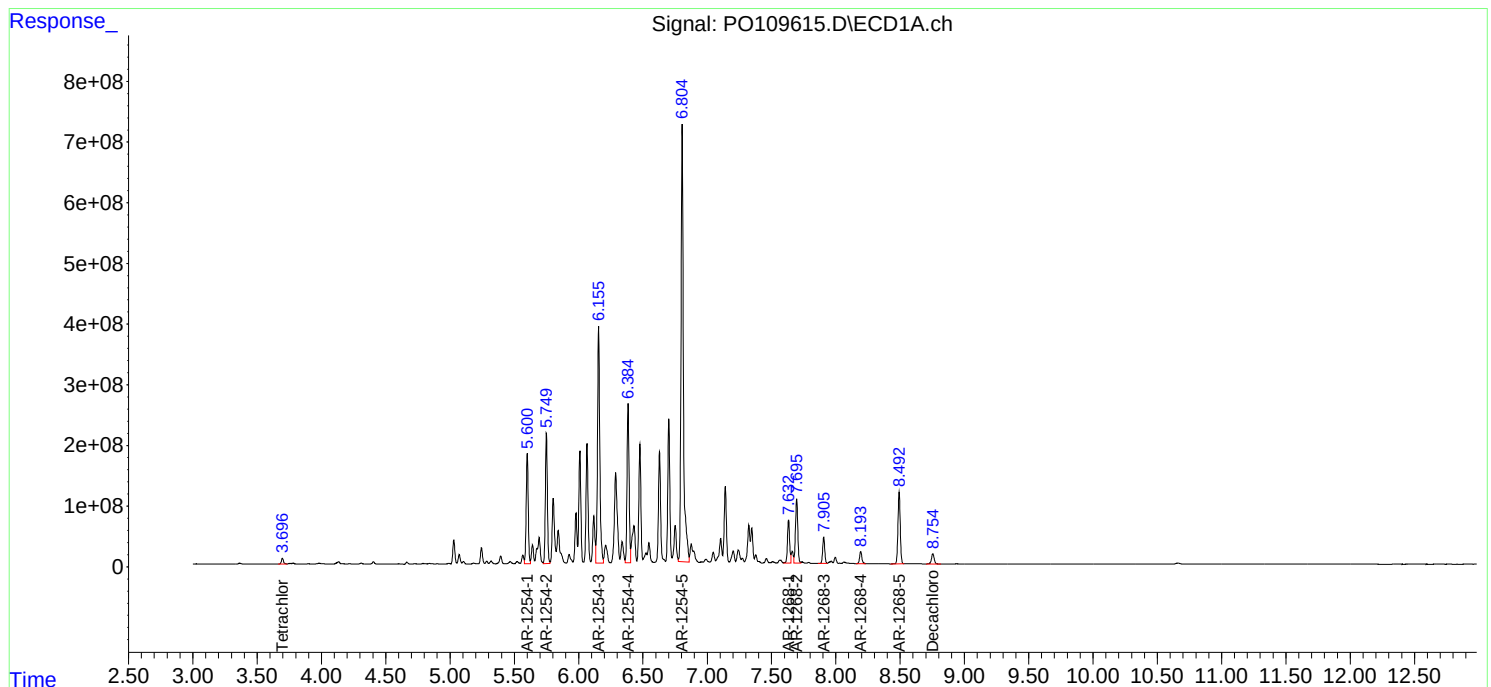
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

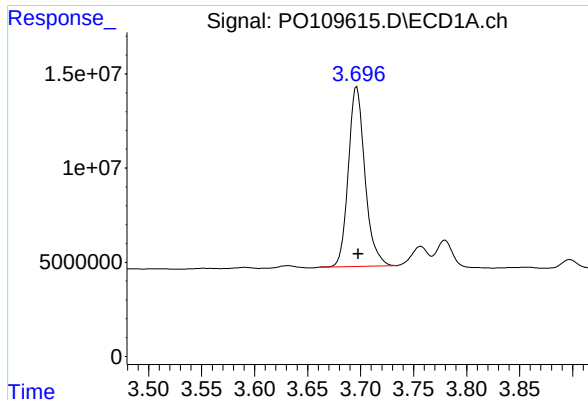
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 23:21
Operator : YP/AJ
Sample : Q1437-03DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-12ADL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:34:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

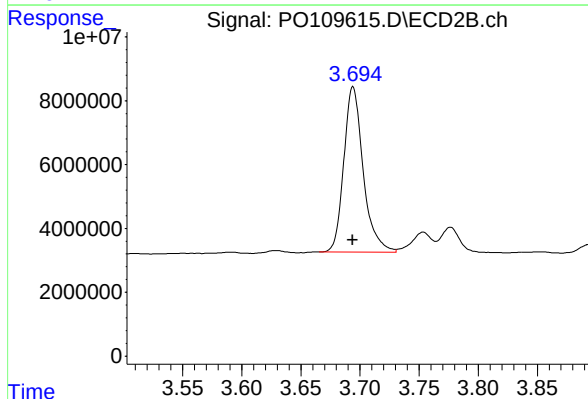




#1 Tetrachloro-m-xylene

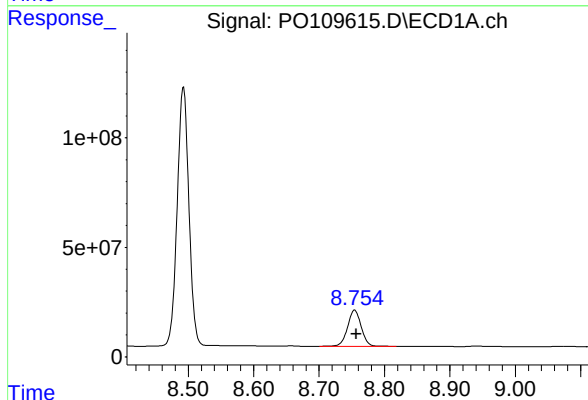
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 104333000
Conc: 11.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL



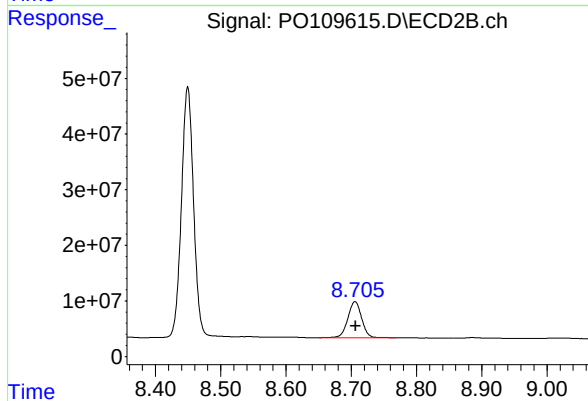
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 59229972
Conc: 11.32 ng/ml



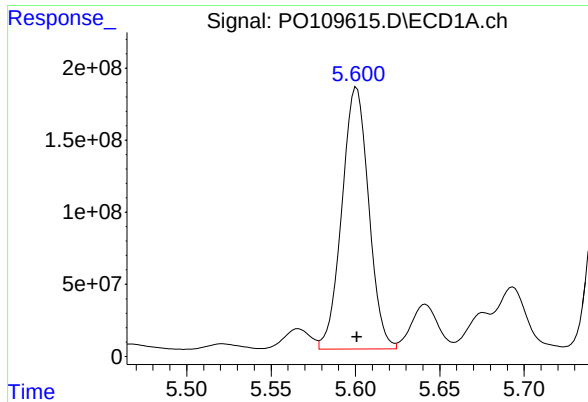
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 239460788
Conc: 27.84 ng/ml



#2 Decachlorobiphenyl

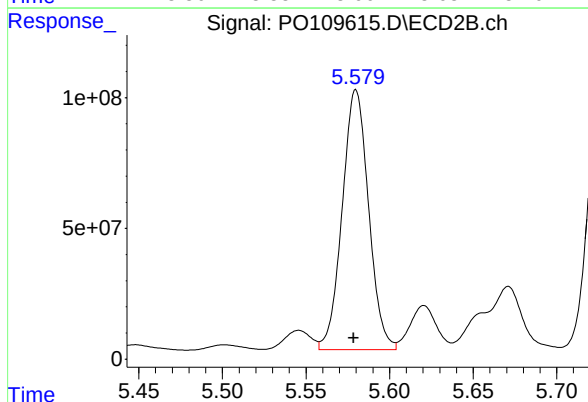
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 96002464
Conc: 30.15 ng/ml



#26 AR-1254-1

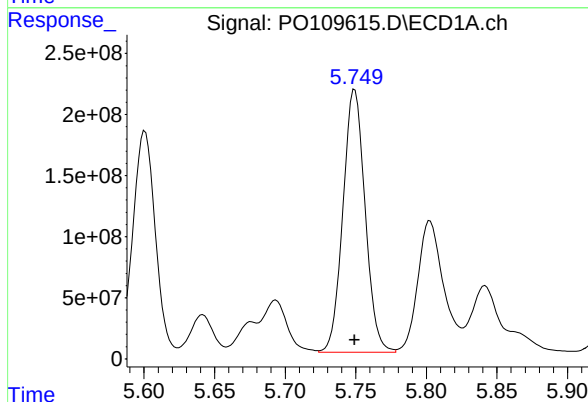
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 2009730675
Conc: 3897.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL



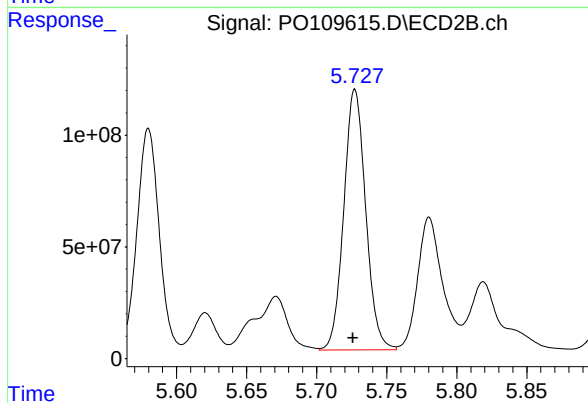
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 1093907174
Conc: 4182.59 ng/ml



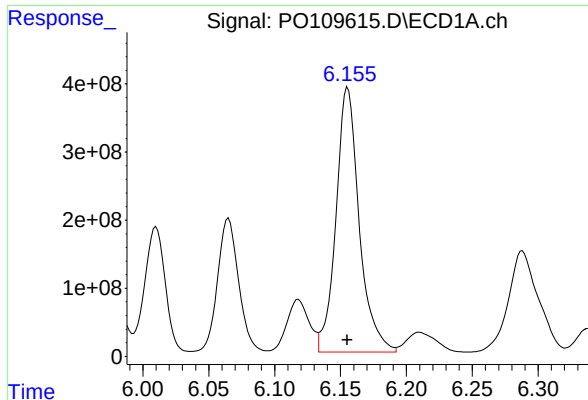
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 2350302992
Conc: 5218.55 ng/ml



#27 AR-1254-2

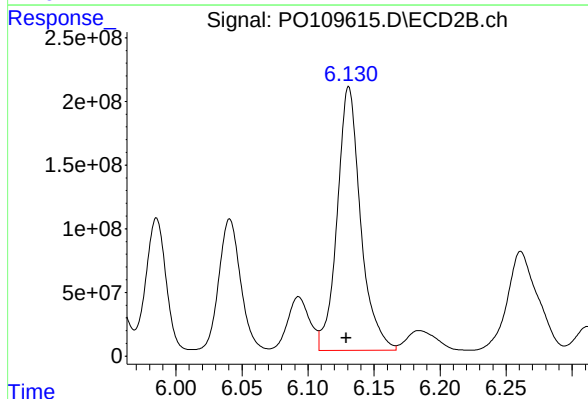
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 1272218063
Conc: 5423.82 ng/ml



#28 AR-1254-3

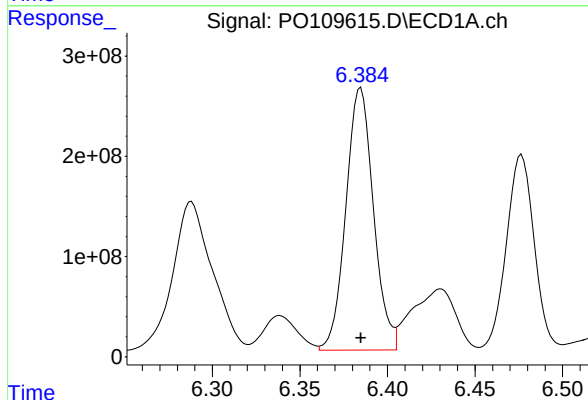
R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 4771867643
Conc: 6665.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL



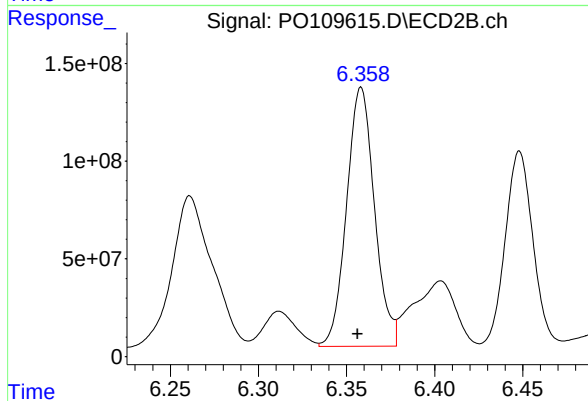
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 2562572054
Conc: 7184.02 ng/ml



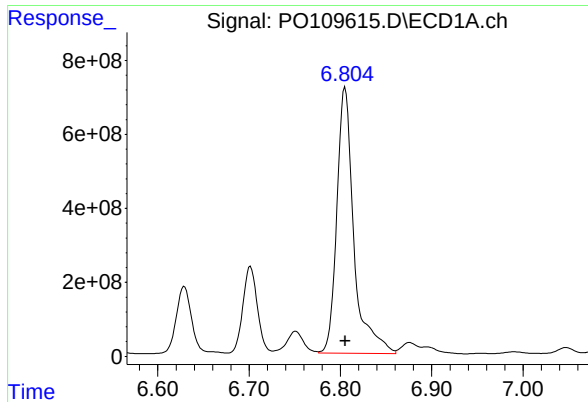
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 2868706373
Conc: 6849.96 ng/ml



#29 AR-1254-4

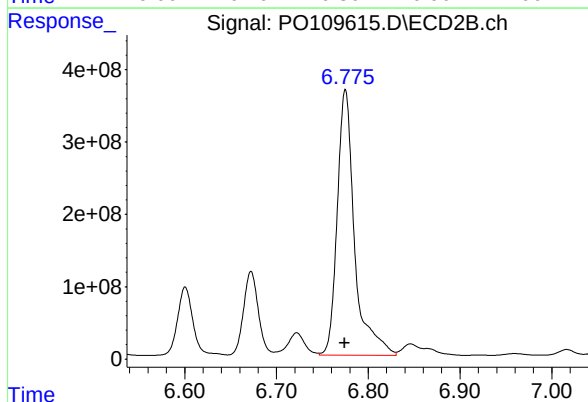
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 1459415858
Conc: 7556.91 ng/ml



#30 AR-1254-5

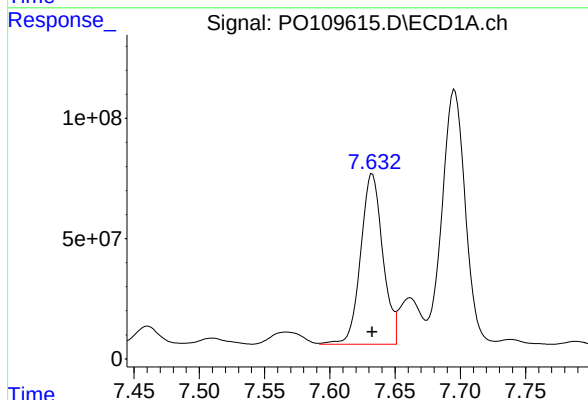
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 9329269760
Conc: 14953.08 ng

Instrument :
ECD_O
ClientSampleId :
K084-12ADL



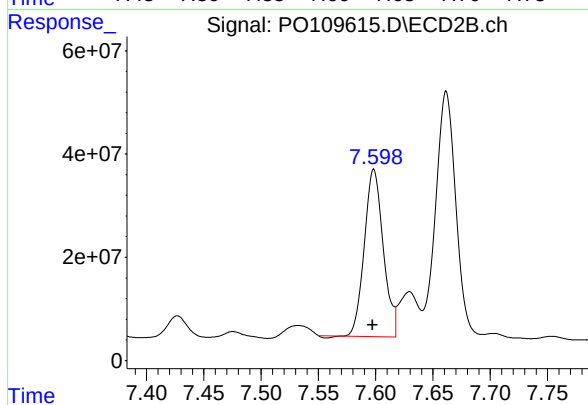
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 4826463567
Conc: 16265.38 ng/ml



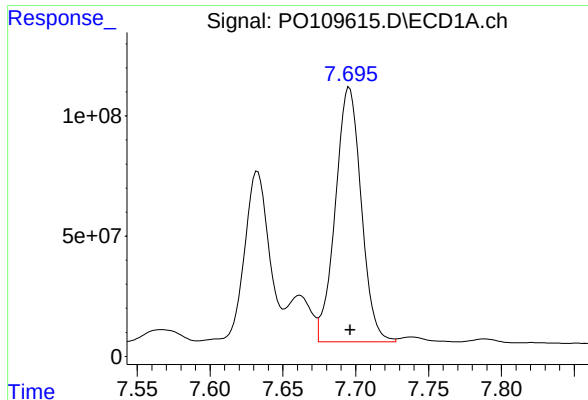
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 834225262
Conc: 629.98 ng/ml



#41 AR-1268-1

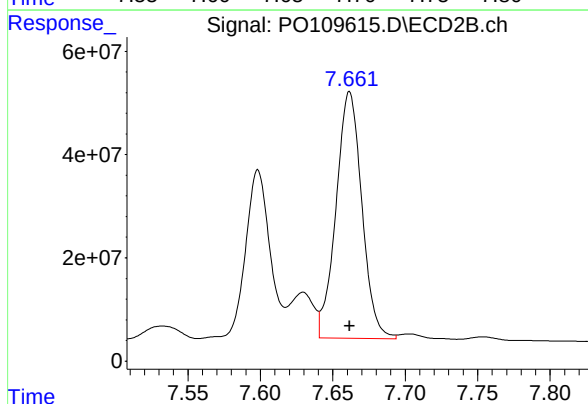
R.T.: 7.598 min
Delta R.T.: 0.001 min
Response: 370393275
Conc: 648.21 ng/ml



#42 AR-1268-2

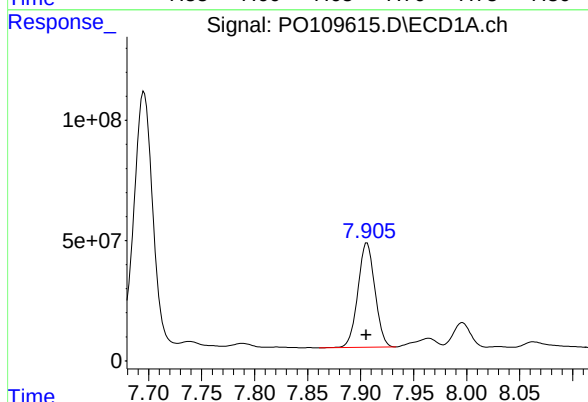
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 1307684667
Conc: 1081.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL



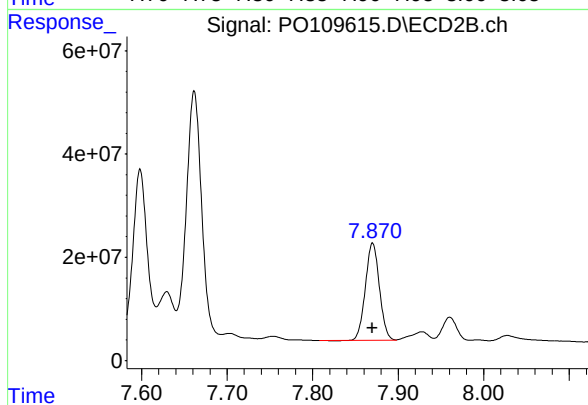
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 593881023
Conc: 1131.32 ng/ml



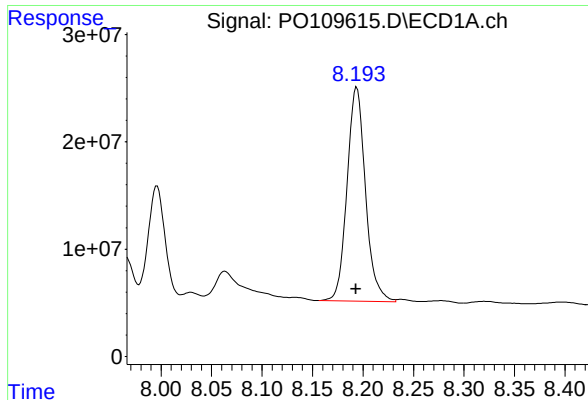
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 482670651
Conc: 474.05 ng/ml



#43 AR-1268-3

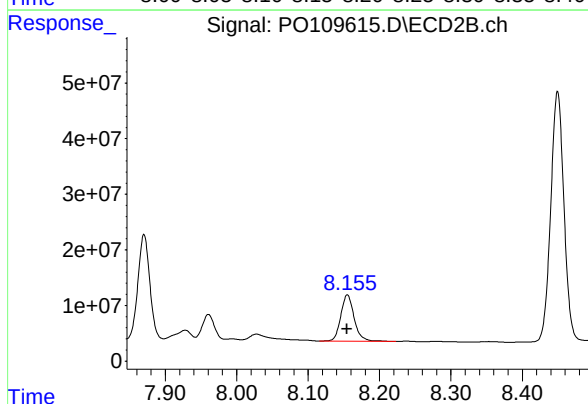
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 214478436
Conc: 501.07 ng/ml



#44 AR-1268-4

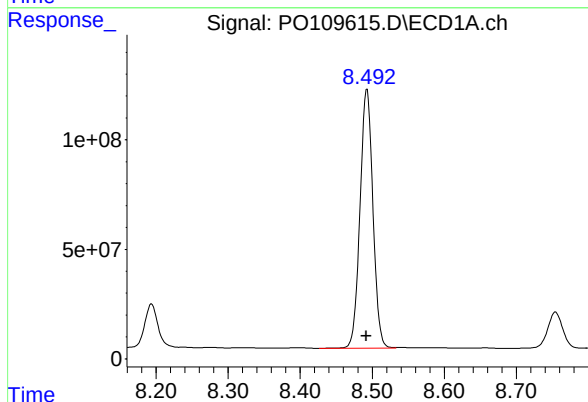
R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 253606724
Conc: 596.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL



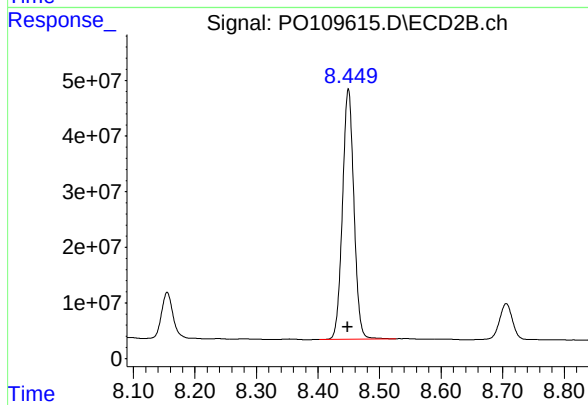
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 108293667
Conc: 671.23 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 1471196600
Conc: 487.21 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.001 min
Response: 579453785
Conc: 530.08 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-12ADL2	SDG No.:	Q1437
Lab Sample ID:	Q1437-03DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.5 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109616.D	20	02/27/25 09:15	02/28/25 23:39	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	90.9	UD	90.9	456	ug/kg
11104-28-2	Aroclor-1221	172	UD	172	456	ug/kg
11141-16-5	Aroclor-1232	91.2	UD	91.2	456	ug/kg
53469-21-9	Aroclor-1242	90.9	UD	90.9	456	ug/kg
12672-29-6	Aroclor-1248	212	UD	212	456	ug/kg
11097-69-1	Aroclor-1254	7700	D	73.2	456	ug/kg
37324-23-5	Aroclor-1262	123	UD	123	456	ug/kg
11100-14-4	Aroclor-1268	742	D	92.0	456	ug/kg
11096-82-5	Aroclor-1260	78.0	UD	78.0	456	ug/kg
Total PCBs	Total PCBs	8500	D	165	456	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.0		32 - 144	130%	SPK: 20
2051-24-3	Decachlorobiphenyl	87.0	*	32 - 175	435%	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_O\Data\P0022825\
 Data File : P0109616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 23:39
 Operator : YP/AJ
 Sample : Q1437-03DL2 20X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

K084-12ADL2

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/03/2025

Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 00:34:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.695	3.693	12311429	6564864	1.301m	1.254m
2) SA Decachlor...	8.754	8.705	29582952	13855028	3.439	4.351 #
Target Compounds						
26) L6 AR-1254-1	5.599	5.579	235.1E6	126.6E6	455.884	483.902
27) L6 AR-1254-2	5.749	5.727	272.4E6	146.9E6	604.836	626.064
28) L6 AR-1254-3	6.155	6.130	527.5E6	277.6E6	736.739	778.233
29) L6 AR-1254-4	6.384	6.357	310.8E6	156.7E6	742.144	811.378
30) L6 AR-1254-5	6.804	6.775	952.5E6	484.4E6	1526.739	1632.483
41) L9 AR-1268-1	7.631	7.598	98523075	45315828	74.401	79.305
42) L9 AR-1268-2	7.695	7.660	149.6E6	67538381	123.717	128.658
43) L9 AR-1268-3	7.905	7.870	56478243	26540012	55.470	62.003
44) L9 AR-1268-4	8.192	8.154	30504590	13170344	71.799	81.633
45) L9 AR-1268-5	8.491	8.448	162.1E6	69123037	53.693	63.233

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 23:39
Operator : YP/AJ
Sample : Q1437-03DL2 20X
Misc :
ALS Vial : 40 Sample Multiplier: 1

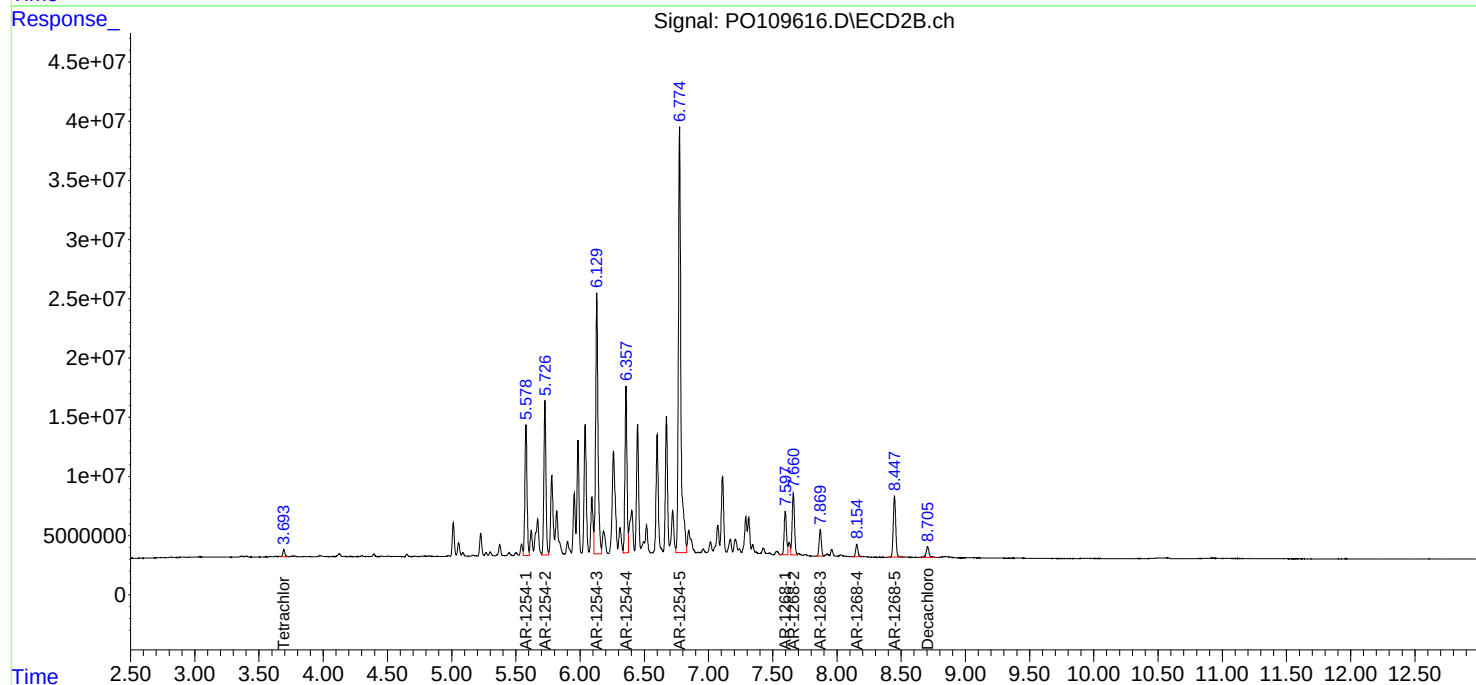
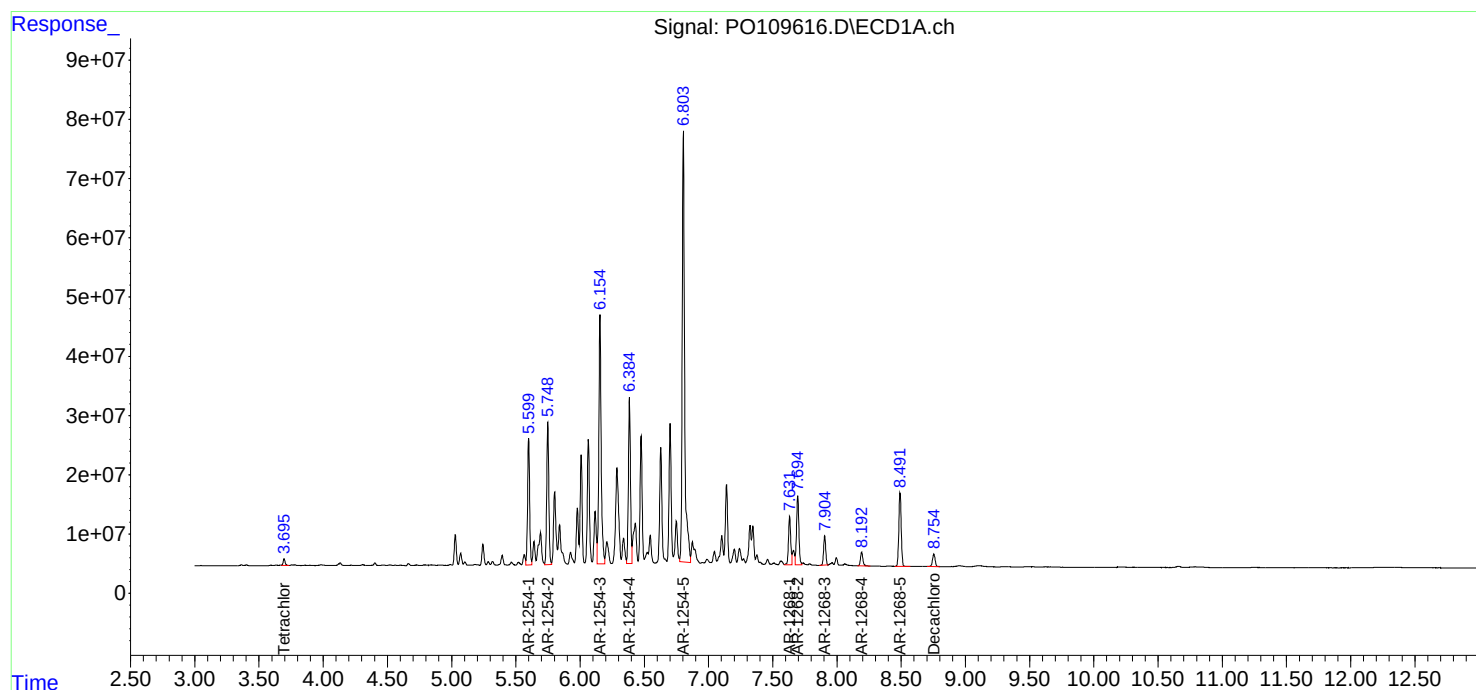
Instrument :
ECD_O
ClientSampleId :
K084-12ADL2

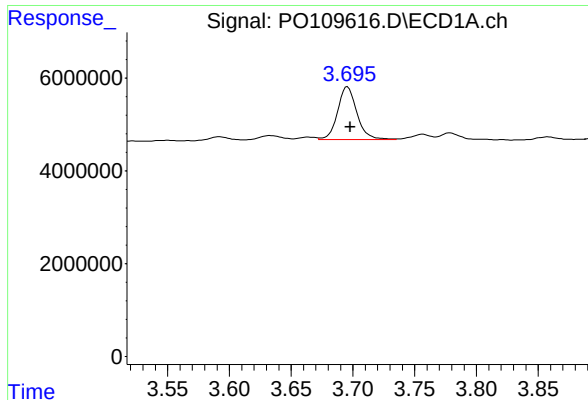
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:34:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





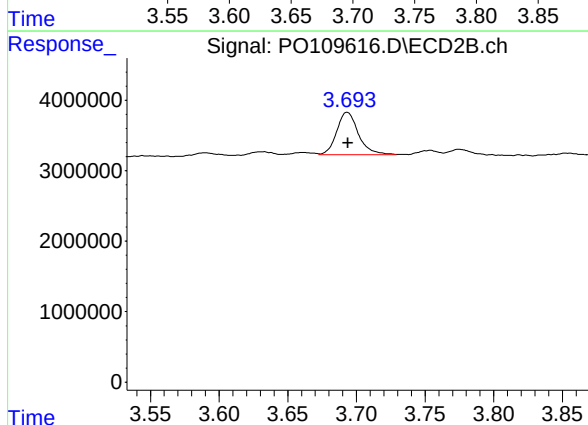
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 12311429
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL2

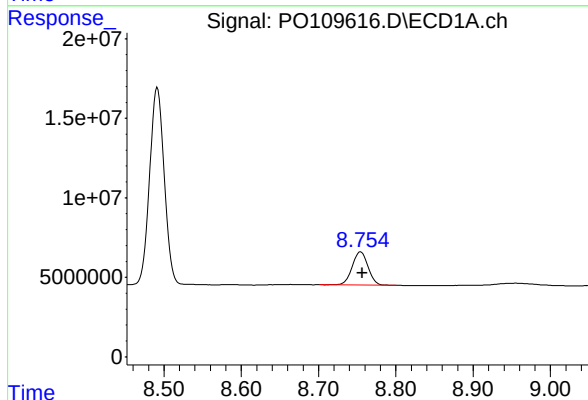
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



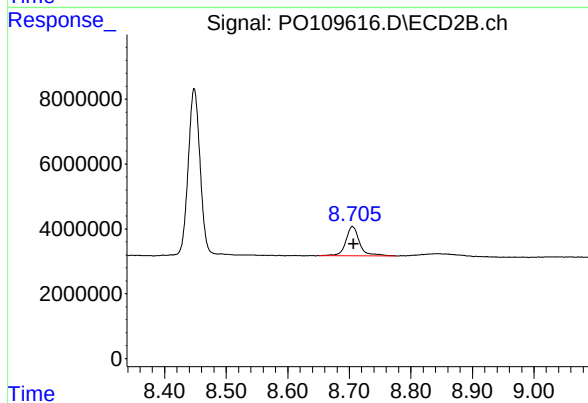
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 6564864
Conc: 1.25 ng/ml m



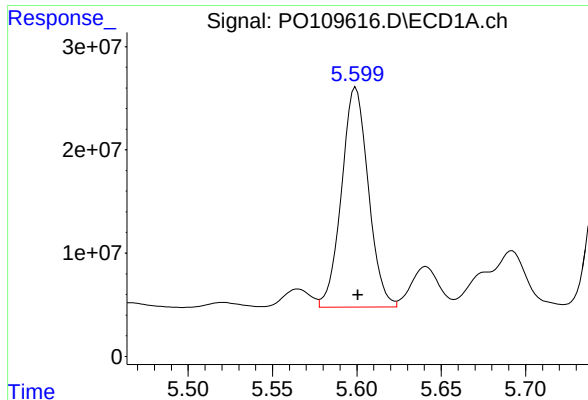
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 29582952
Conc: 3.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 13855028
Conc: 4.35 ng/ml



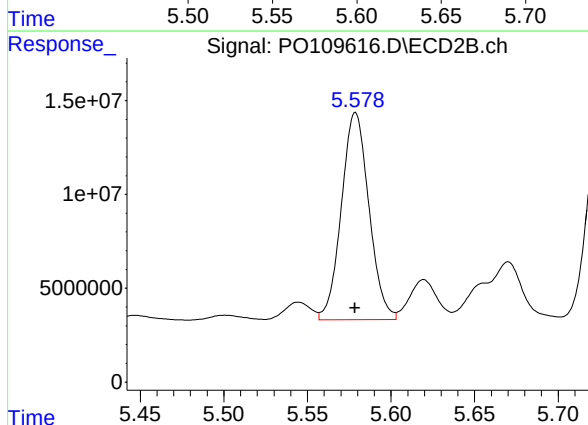
#26 AR-1254-1

R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 235057026
Conc: 455.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL2

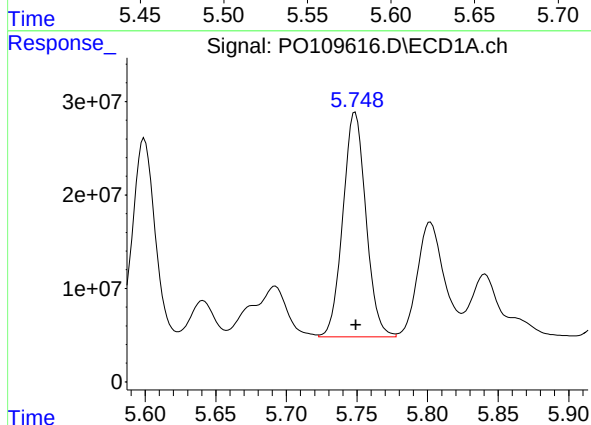
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



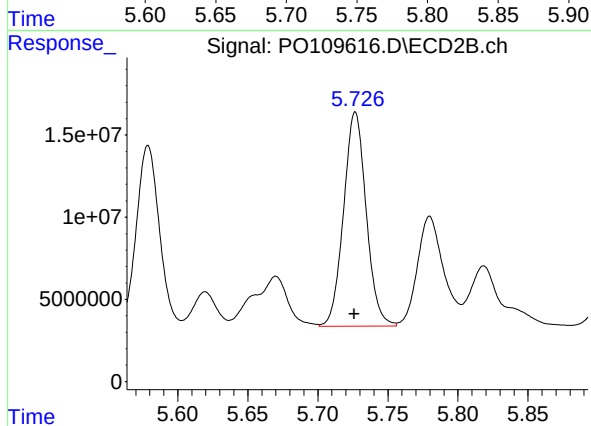
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 126558835
Conc: 483.90 ng/ml



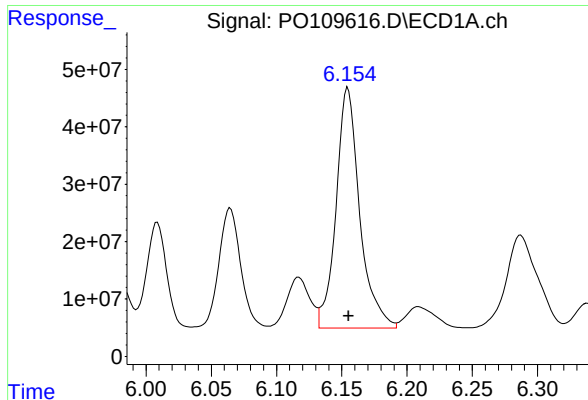
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 272402741
Conc: 604.84 ng/ml



#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 146850554
Conc: 626.06 ng/ml



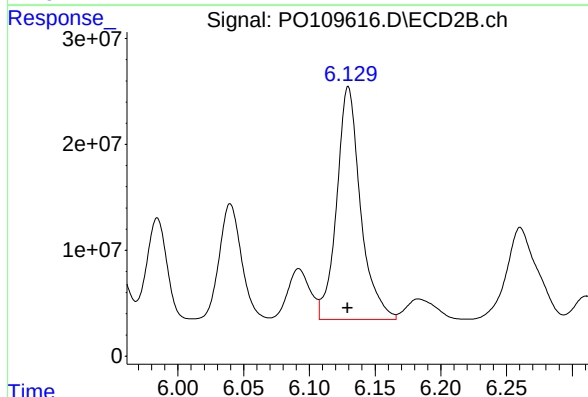
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 527472181
Conc: 736.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL2

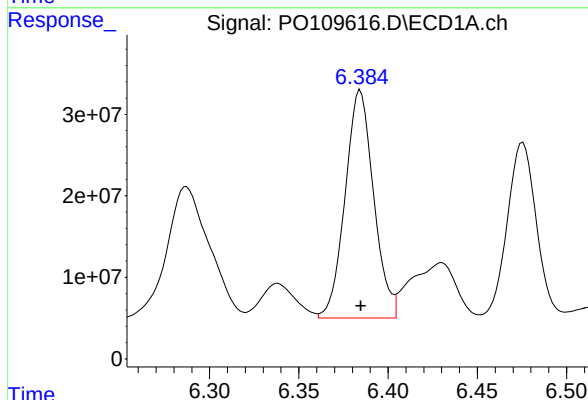
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



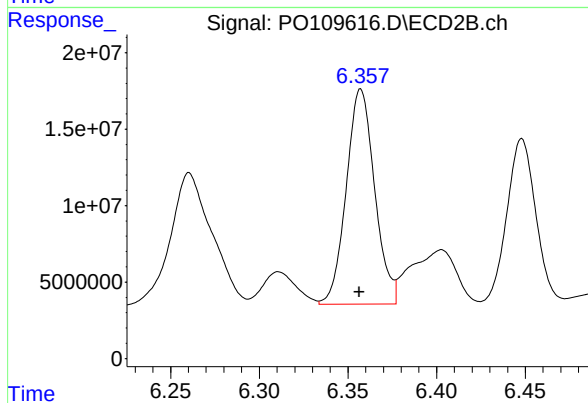
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 277599335
Conc: 778.23 ng/ml



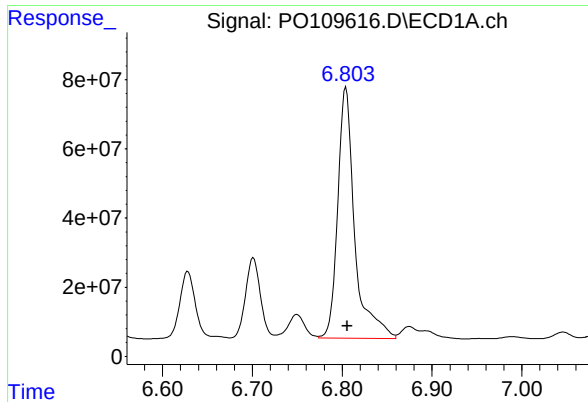
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 310803773
Conc: 742.14 ng/ml



#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 156696052
Conc: 811.38 ng/ml



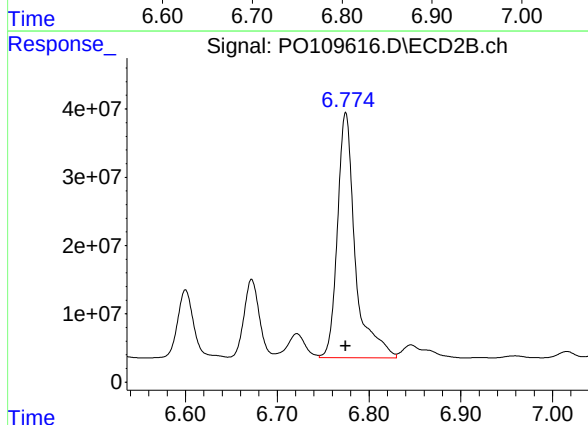
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.001 min
Response: 952537058
Conc: 1526.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL2

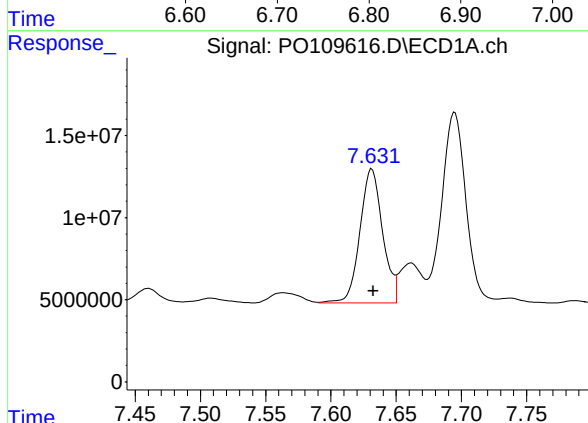
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



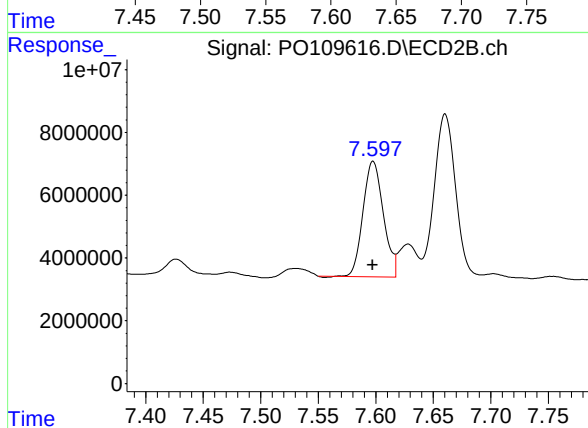
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 484410436
Conc: 1632.48 ng/ml



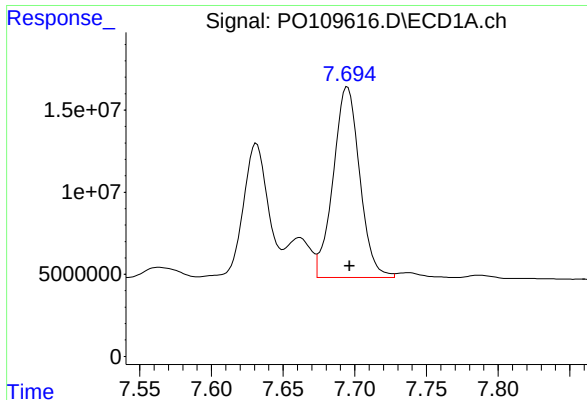
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 98523075
Conc: 74.40 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 45315828
Conc: 79.30 ng/ml



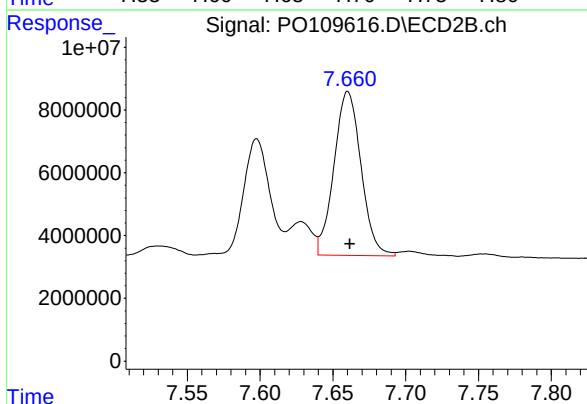
#42 AR-1268-2

R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 149587359
Conc: 123.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL2

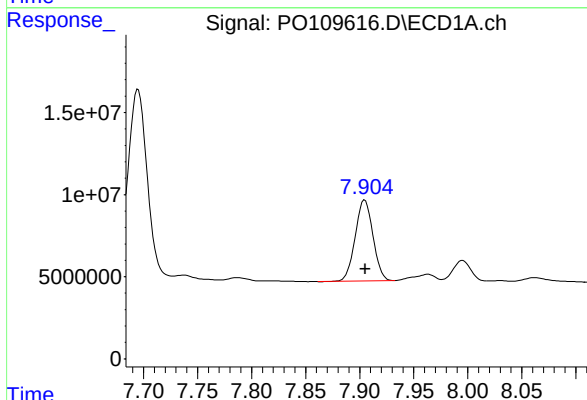
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



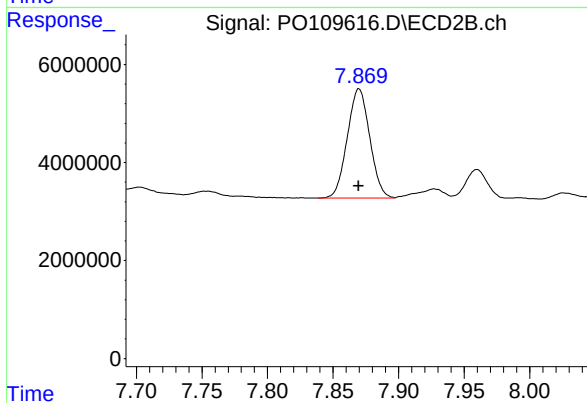
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 67538381
Conc: 128.66 ng/ml



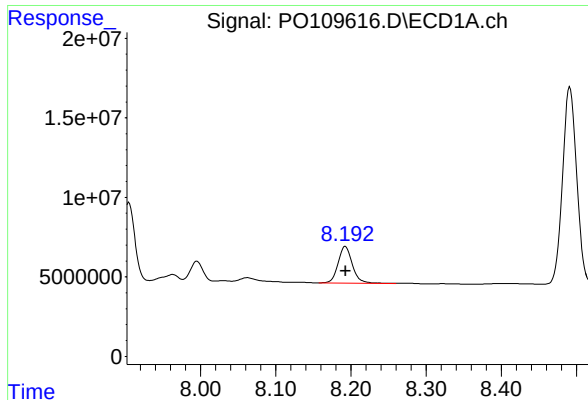
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 56478243
Conc: 55.47 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 26540012
Conc: 62.00 ng/ml



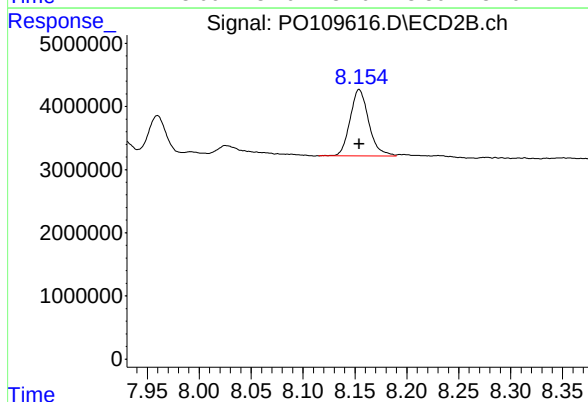
#44 AR-1268-4

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 30504590
Conc: 71.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-12ADL2

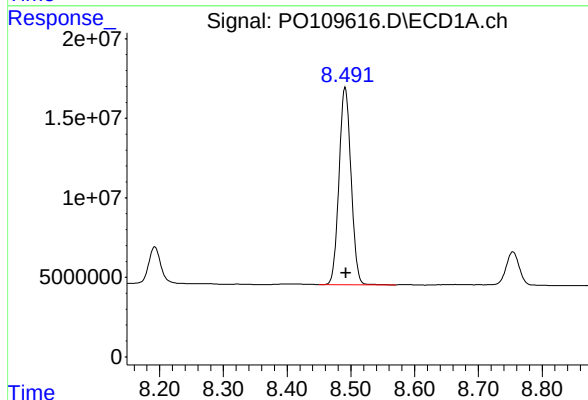
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



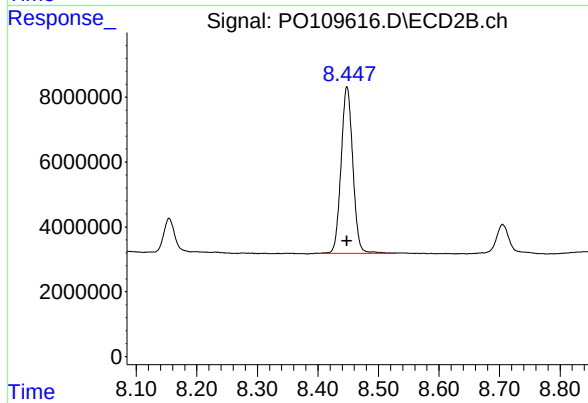
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 13170344
Conc: 81.63 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 162134895
Conc: 53.69 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 69123037
Conc: 63.23 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-12B	SDG No.:	Q1437
Lab Sample ID:	Q1437-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070331.D	1	03/06/25 11:40	03/06/25 22:47	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	22.9	ug/kg
11104-28-2	Aroclor-1221	8.60	U	8.60	22.9	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	22.9	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	22.9	ug/kg
12672-29-6	Aroclor-1248	10.6	U	10.6	22.9	ug/kg
11097-69-1	Aroclor-1254	4100	E	3.70	22.9	ug/kg
37324-23-5	Aroclor-1262	6.20	U	6.20	22.9	ug/kg
11100-14-4	Aroclor-1268	721	E	4.60	22.9	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	22.9	ug/kg
Total PCBs	Total PCBs	4800	E	8.30	22.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.0		32 - 144	125%	SPK: 20
2051-24-3	Decachlorobiphenyl	66.4	*	32 - 175	332%	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\PP030625\
 Data File : PP070331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 22:47
 Operator : YP\AJ
 Sample : Q1437-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 K084-12B

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 04:28:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.523	3.828	36302711	23880978	24.736m	24.979
2) SA Decachlor...	10.255	8.885	75644823	70495033	66.411	65.026
Target Compounds						
26) L6 AR-1254-1	6.528	5.724	250.9E6	250.0E6	4425.108	4582.152
27) L6 AR-1254-2	6.744	5.873	508.1E6	305.0E6	5794.772	6257.704
28) L6 AR-1254-3	7.108	6.278	694.4E6	619.2E6	7791.183	8167.396
29) L6 AR-1254-4	7.390	6.506	610.9E6	457.1E6	8198.895	8883.351m
30) L6 AR-1254-5	7.811	6.924	1293.5E6	1168.0E6	19258.890	17286.668
41) L9 AR-1268-1	8.748	7.748	373.3E6	283.4E6	1943.417	1709.707
42) L9 AR-1268-2	8.839	7.812	299.5E6	350.5E6	1808.885	2416.838 #
43) L9 AR-1268-3	9.073	8.020	163.6E6	145.8E6	1140.268	1190.914
44) L9 AR-1268-4	9.492	8.314	90970947	80057531	1442.856	1505.264
45) L9 AR-1268-5	9.912	8.618	470.7E6	424.9E6	1131.804	1196.172

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 22:47
Operator : YP\AJ
Sample : Q1437-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

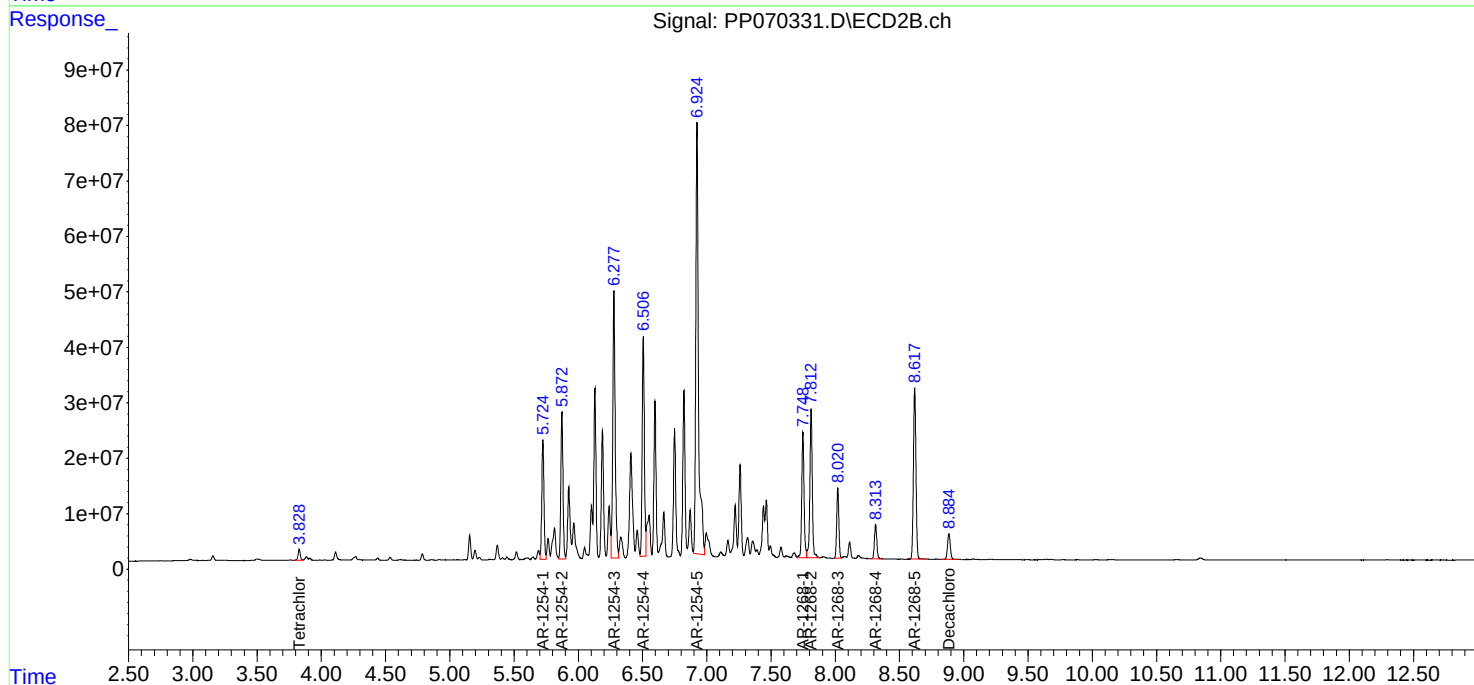
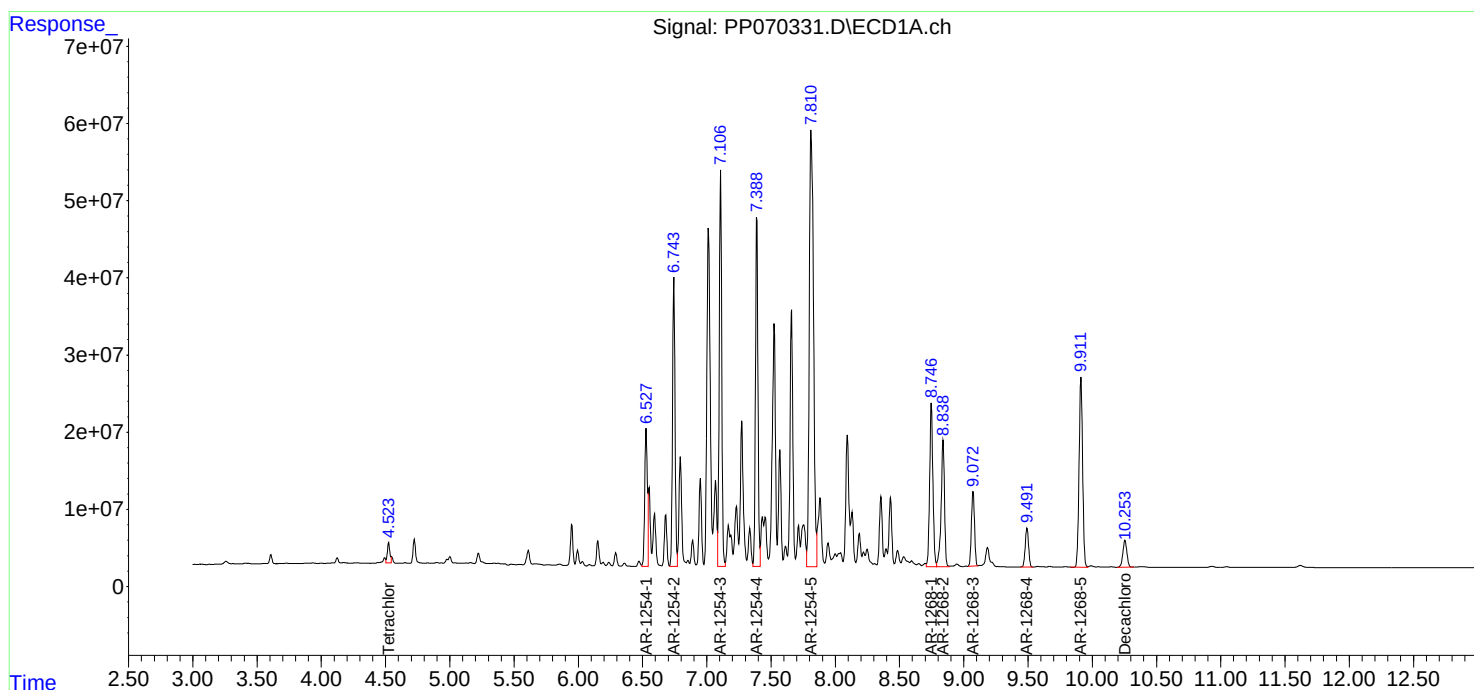
Instrument :
ECD_P
ClientSampleId :
K084-12B

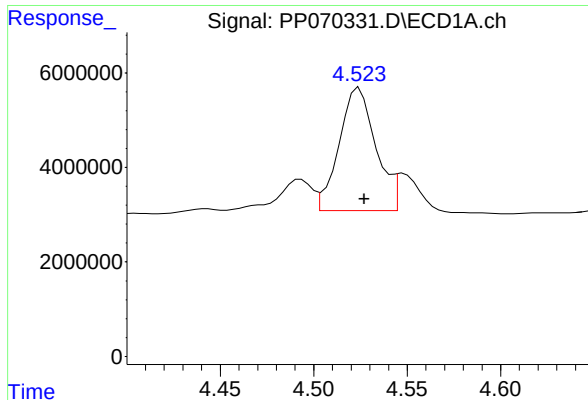
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:28:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





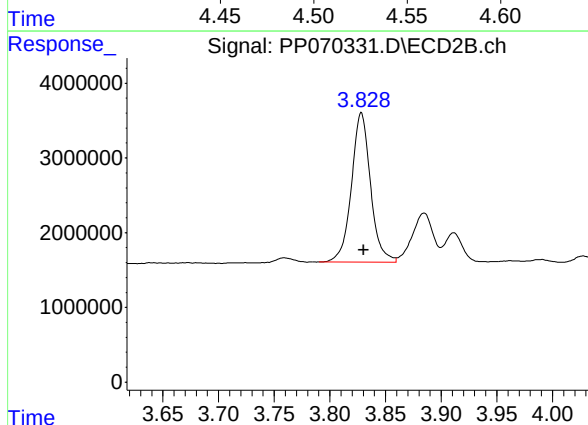
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
 Delta R.T.: -0.004 min
 Response: 36302711
 Conc: 24.74 ng/ml

Instrument :
 ECD_P
 ClientSampleId :
 K084-12B

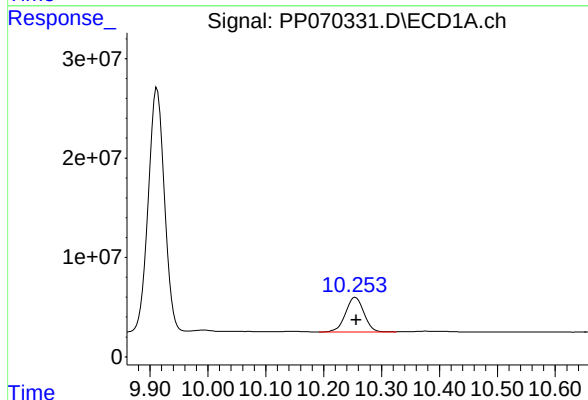
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025



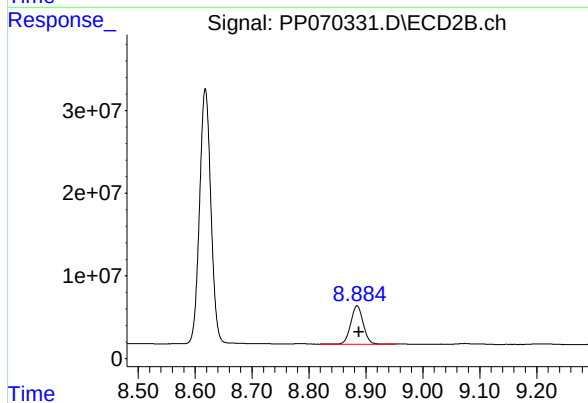
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
 Delta R.T.: -0.002 min
 Response: 23880978
 Conc: 24.98 ng/ml



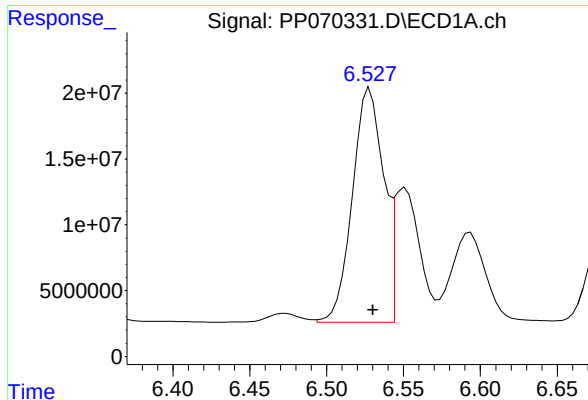
#2 Decachlorobiphenyl

R.T.: 10.255 min
 Delta R.T.: -0.001 min
 Response: 75644823
 Conc: 66.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.885 min
 Delta R.T.: -0.003 min
 Response: 70495033
 Conc: 65.03 ng/ml



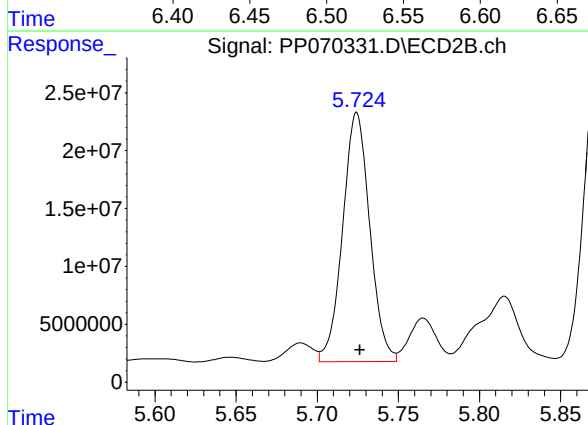
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 250905075
Conc: 4425.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12B

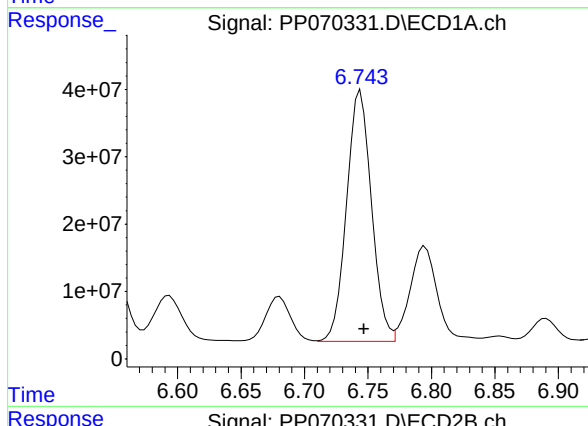
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



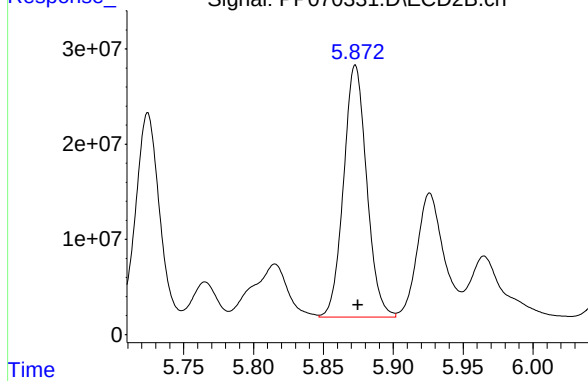
#26 AR-1254-1

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 250045149
Conc: 4582.15 ng/ml



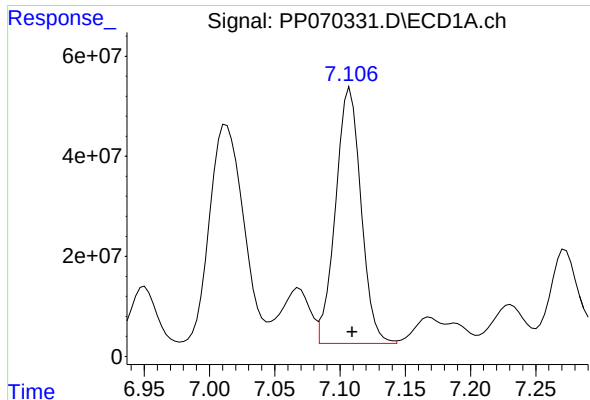
#27 AR-1254-2

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 508117435
Conc: 5794.77 ng/ml



#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 305035113
Conc: 6257.70 ng/ml



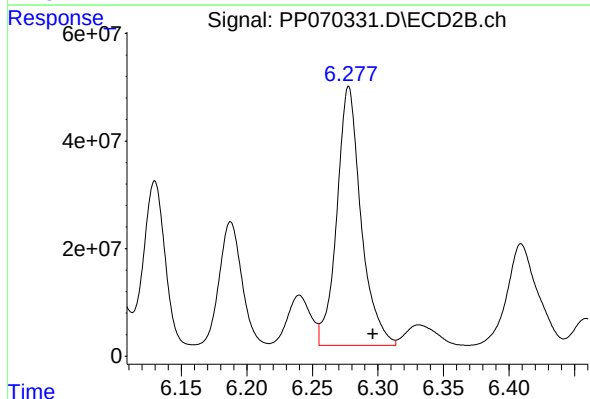
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 694399887
Conc: 7791.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12B

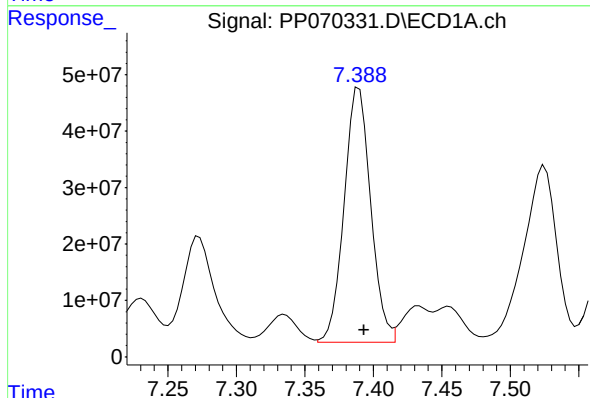
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



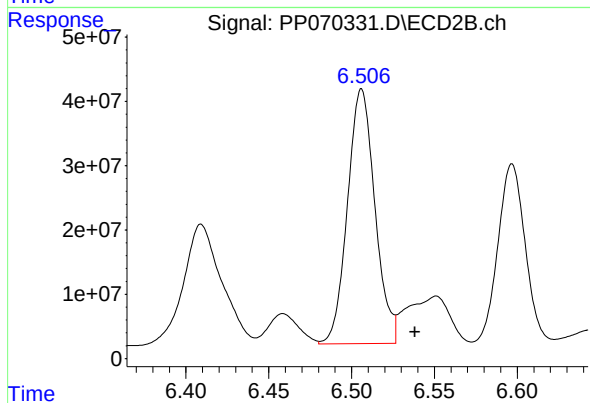
#28 AR-1254-3

R.T.: 6.278 min
Delta R.T.: -0.018 min
Response: 619224078
Conc: 8167.40 ng/ml



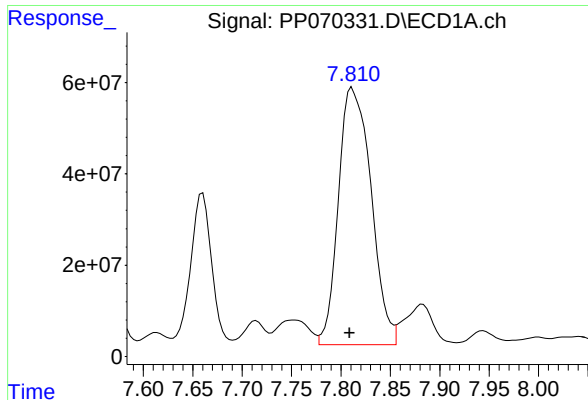
#29 AR-1254-4

R.T.: 7.390 min
Delta R.T.: -0.004 min
Response: 610908896
Conc: 8198.90 ng/ml



#29 AR-1254-4

R.T.: 6.506 min
Delta R.T.: -0.033 min
Response: 457137468
Conc: 8883.35 ng/ml m



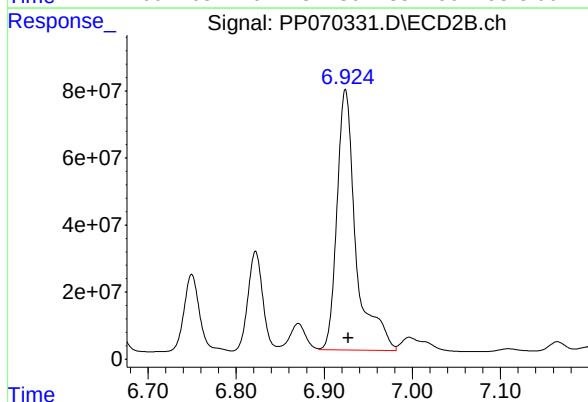
#30 AR-1254-5

R.T.: 7.811 min
Delta R.T.: 0.003 min
Response: 1293471230
Conc: 19258.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12B

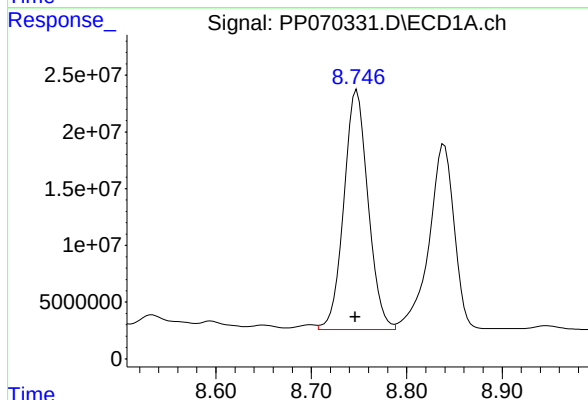
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



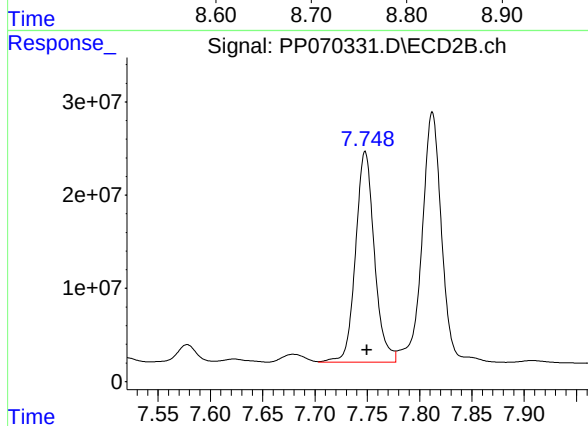
#30 AR-1254-5

R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 1168046813
Conc: 17286.67 ng/ml



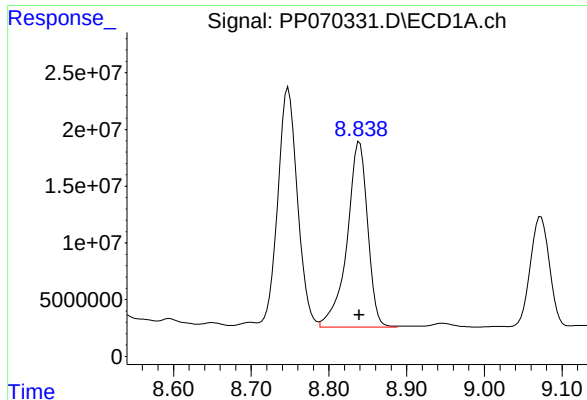
#41 AR-1268-1

R.T.: 8.748 min
Delta R.T.: 0.002 min
Response: 373317554
Conc: 1943.42 ng/ml



#41 AR-1268-1

R.T.: 7.748 min
Delta R.T.: -0.002 min
Response: 283382226
Conc: 1709.71 ng/ml



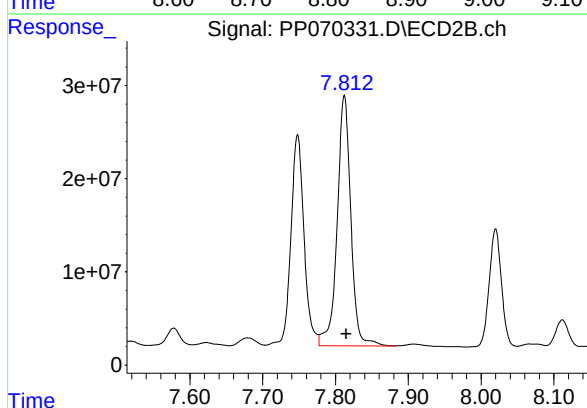
#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: 0.000 min
Response: 299524709
Conc: 1808.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12B

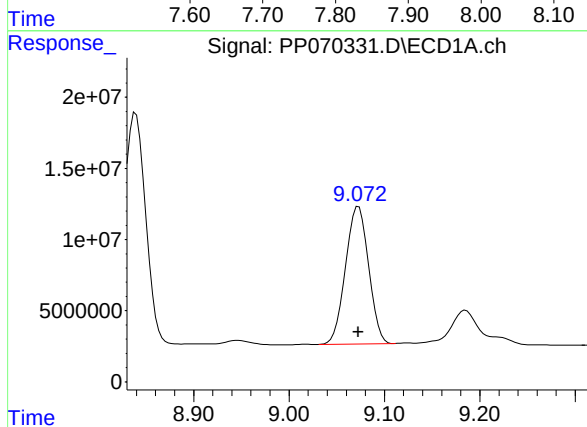
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



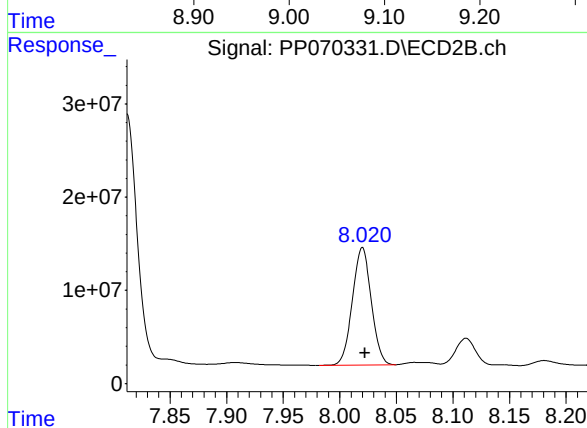
#42 AR-1268-2

R.T.: 7.812 min
Delta R.T.: -0.003 min
Response: 350541967
Conc: 2416.84 ng/ml



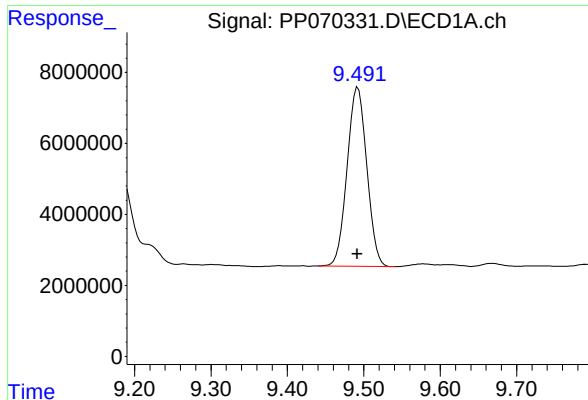
#43 AR-1268-3

R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 163633112
Conc: 1140.27 ng/ml



#43 AR-1268-3

R.T.: 8.020 min
Delta R.T.: -0.002 min
Response: 145844611
Conc: 1190.91 ng/ml



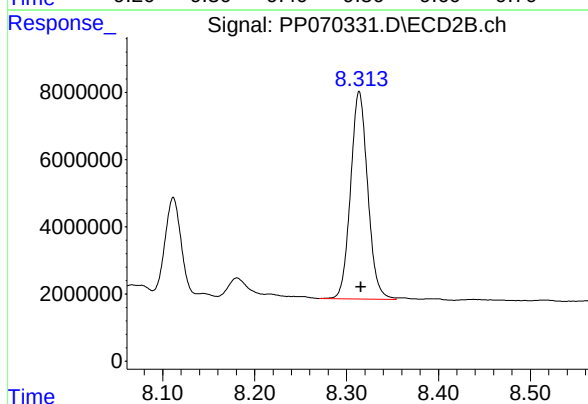
#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 90970947
Conc: 1442.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12B

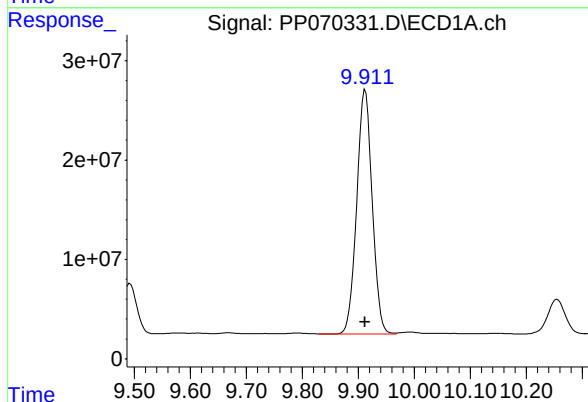
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



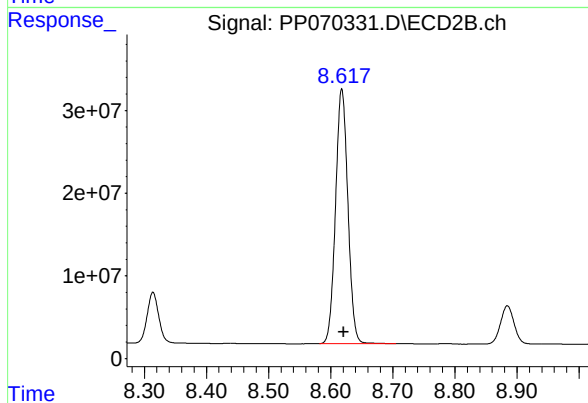
#44 AR-1268-4

R.T.: 8.314 min
Delta R.T.: -0.002 min
Response: 80057531
Conc: 1505.26 ng/ml



#45 AR-1268-5

R.T.: 9.912 min
Delta R.T.: 0.000 min
Response: 470740396
Conc: 1131.80 ng/ml



#45 AR-1268-5

R.T.: 8.618 min
Delta R.T.: -0.003 min
Response: 424903751
Conc: 1196.17 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-12BDL	SDG No.:	Q1437
Lab Sample ID:	Q1437-04DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070352.D	2	03/06/25 11:40	03/07/25 13:08	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	9.10	UD	9.10	45.8	ug/kg
11104-28-2	Aroclor-1221	17.3	UD	17.3	45.8	ug/kg
11141-16-5	Aroclor-1232	9.20	UD	9.20	45.8	ug/kg
53469-21-9	Aroclor-1242	9.10	UD	9.10	45.8	ug/kg
12672-29-6	Aroclor-1248	21.3	UD	21.3	45.8	ug/kg
11097-69-1	Aroclor-1254	4000	ED	7.40	45.8	ug/kg
37324-23-5	Aroclor-1262	12.3	UD	12.3	45.8	ug/kg
11100-14-4	Aroclor-1268	740	D	9.20	45.8	ug/kg
11096-82-5	Aroclor-1260	7.80	UD	7.80	45.8	ug/kg
Total PCBs	Total PCBs	4700	D	16.6	45.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.5		32 - 144	138%	SPK: 20
2051-24-3	Decachlorobiphenyl	69.0	*	32 - 175	345%	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\PP030725\
 Data File : PP070352.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 13:08
 Operator : YP\AJ
 Sample : Q1437-04DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 K084-12BDL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:14:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.828	17511528	13145580	11.932	13.750
2) SA Decachlor...	10.254	8.883	39291409	36733933	34.495	33.884
Target Compounds						
26) L6 AR-1254-1	6.529	5.723	127.7E6	129.7E6	2251.856	2376.524
27) L6 AR-1254-2	6.745	5.872	253.4E6	156.0E6	2889.386	3199.430
28) L6 AR-1254-3	7.109	6.277	337.4E6	305.2E6	3785.675	4025.050
29) L6 AR-1254-4	7.390	6.505	291.8E6	228.1E6	3915.669	4433.132m
30) L6 AR-1254-5	7.809	6.923	603.4E6	552.7E6	8984.802	8180.163
41) L9 AR-1268-1	8.747	7.747	186.4E6	145.3E6	970.364	876.920
42) L9 AR-1268-2	8.839	7.812	153.0E6	176.3E6	923.701	1215.522 #
43) L9 AR-1268-3	9.072	8.018	84575732	75777653	589.361	618.773
44) L9 AR-1268-4	9.492	8.313	46931221	42692725	744.359	802.720
45) L9 AR-1268-5	9.910	8.618	242.0E6	214.8E6	581.824	604.731

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:08
Operator : YP\AJ
Sample : Q1437-04DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

K084-12BDL

Manual Integrations

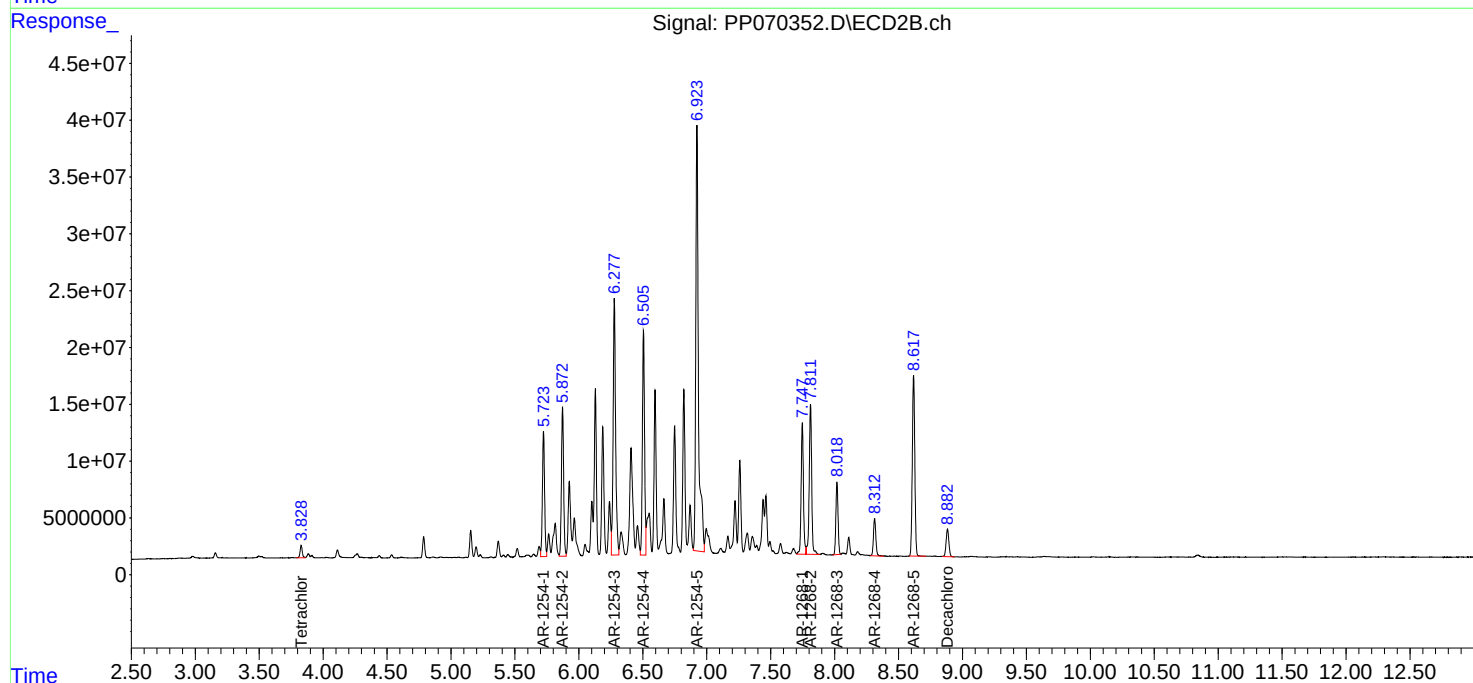
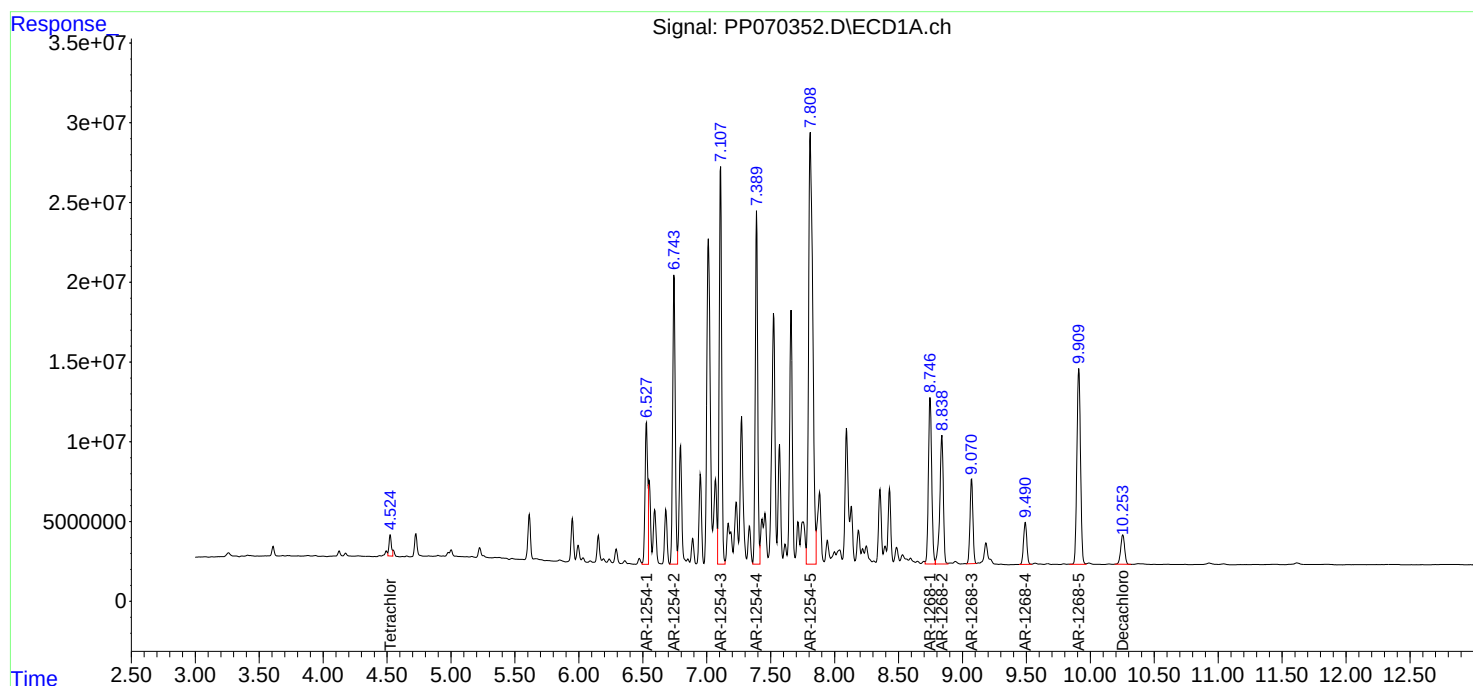
APPROVED

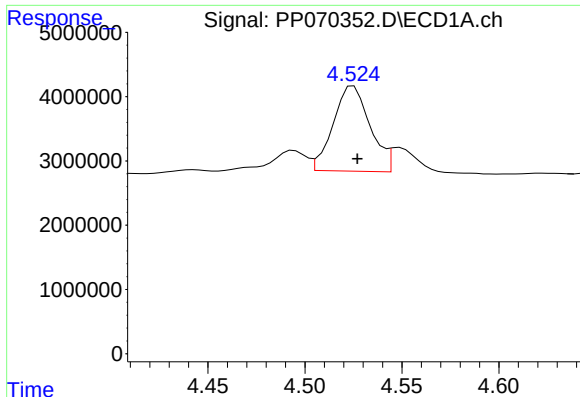
Reviewed By :Yogesh Patel 03/10/2025

Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:14:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





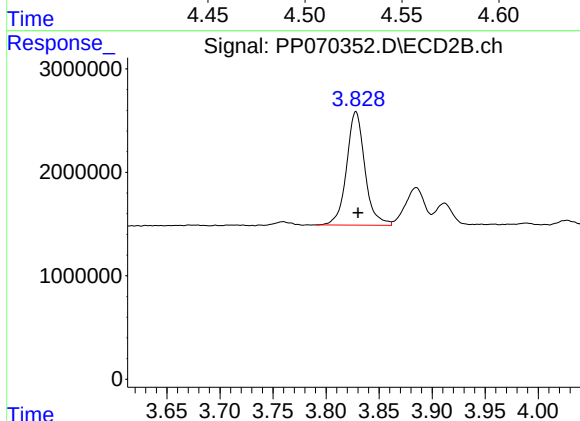
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 17511528
Conc: 11.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL

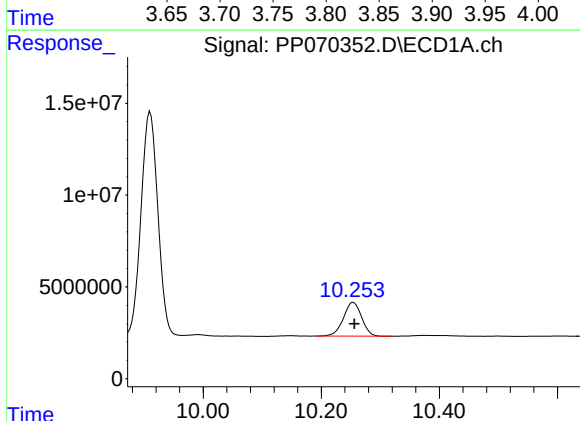
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



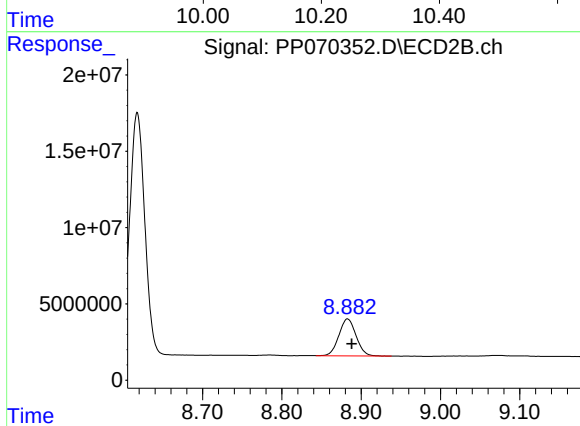
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 13145580
Conc: 13.75 ng/ml



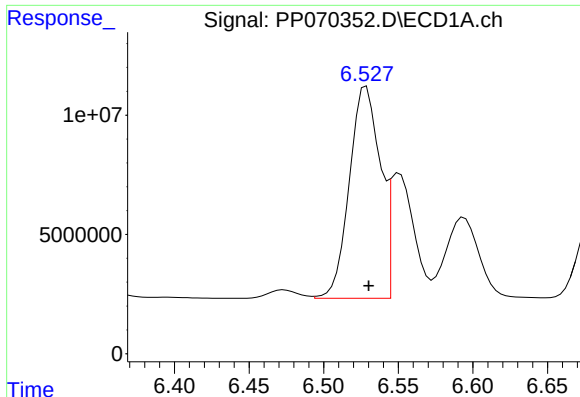
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 39291409
Conc: 34.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 36733933
Conc: 33.88 ng/ml



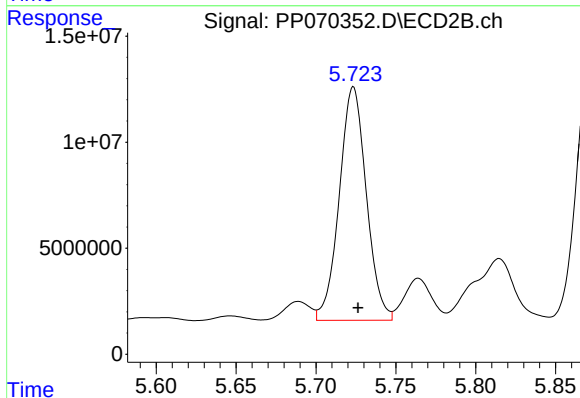
#26 AR-1254-1

R.T.: 6.529 min
Delta R.T.: -0.001 min
Response: 127680969
Conc: 2251.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL

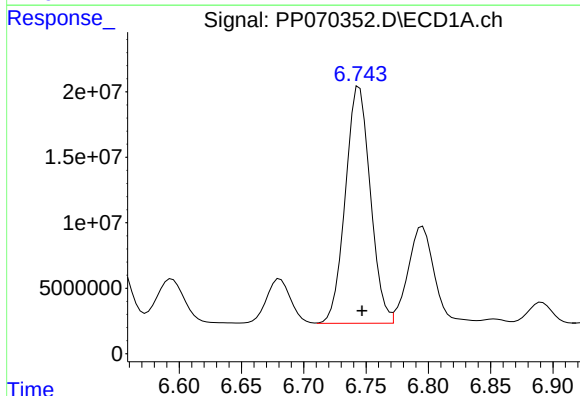
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



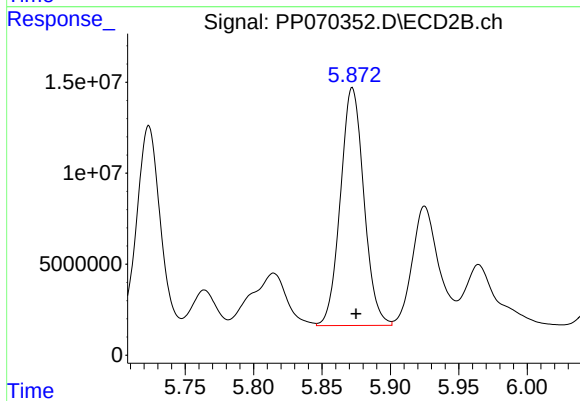
#26 AR-1254-1

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 129685394
Conc: 2376.52 ng/ml



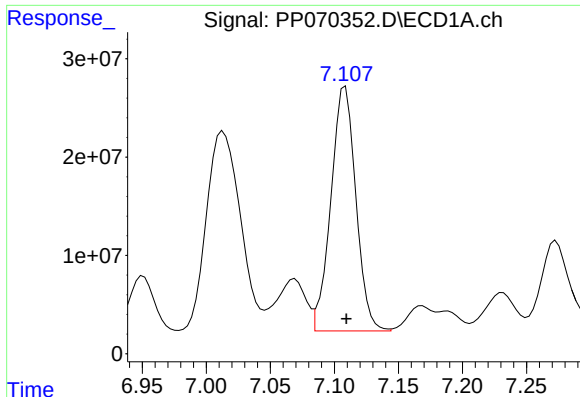
#27 AR-1254-2

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 253357185
Conc: 2889.39 ng/ml



#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 155957932
Conc: 3199.43 ng/ml



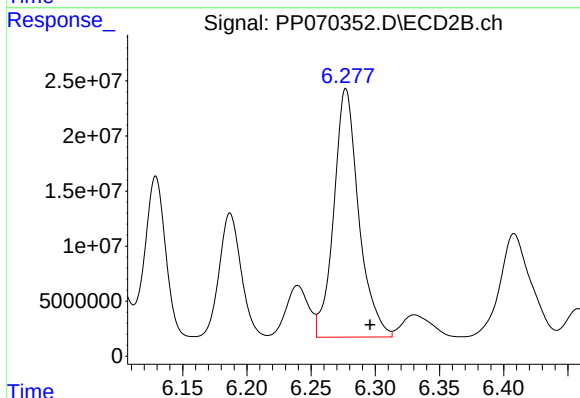
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 337403482
Conc: 3785.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL

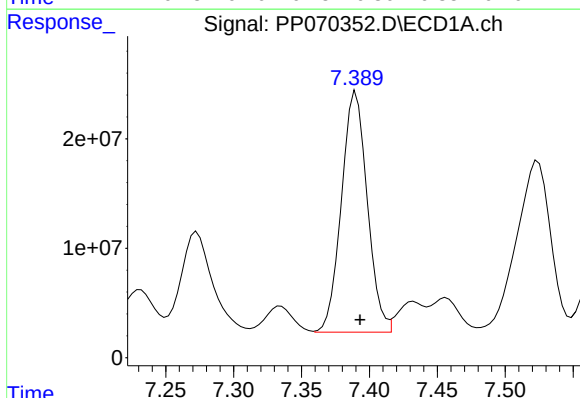
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



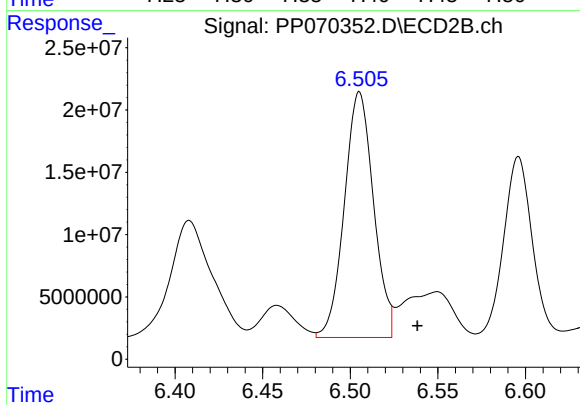
#28 AR-1254-3

R.T.: 6.277 min
Delta R.T.: -0.019 min
Response: 305165535
Conc: 4025.05 ng/ml



#29 AR-1254-4

R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 291760855
Conc: 3915.67 ng/ml

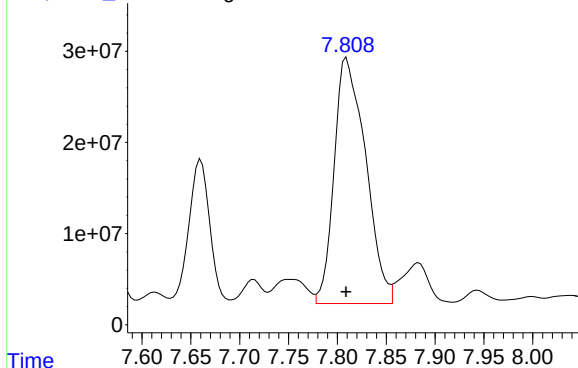


#29 AR-1254-4

R.T.: 6.505 min
Delta R.T.: -0.033 min
Response: 228129077
Conc: 4433.13 ng/ml m

Response_ Signal: PP070352.D\ECD1A.ch

#30 AR-1254-5



R.T.: 7.809 min
Delta R.T.: 0.000 min
Response: 603439928
Conc: 8984.80 ng/ml

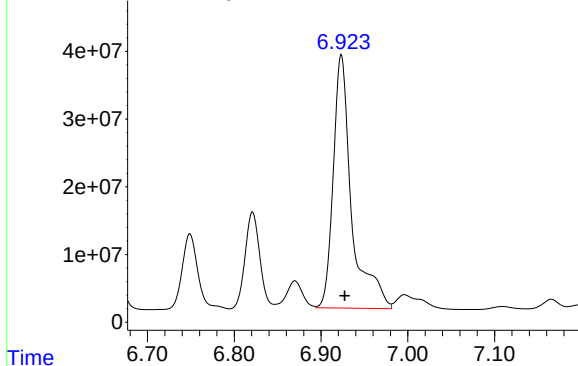
Instrument :
ECD_P
ClientSampleId :
K084-12BDL

Manual Integrations
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Supervised By :Ankita Jodhani 03/10/2025

Response_ Signal: PP070352.D\ECD2B.ch

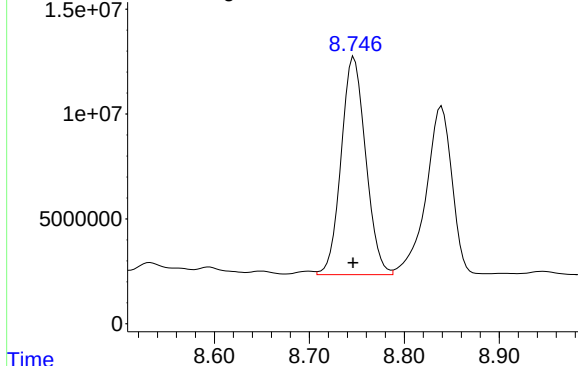
#30 AR-1254-5



R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 552727276
Conc: 8180.16 ng/ml

Response_ Signal: PP070352.D\ECD1A.ch

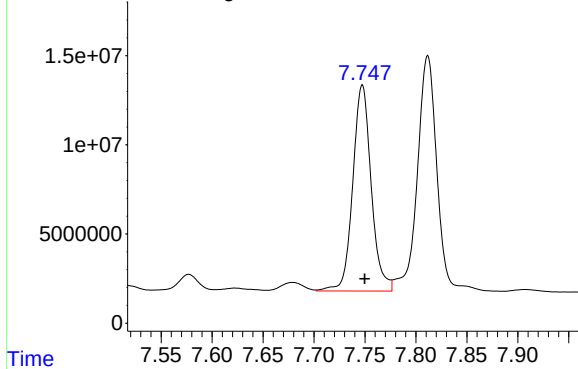
#41 AR-1268-1



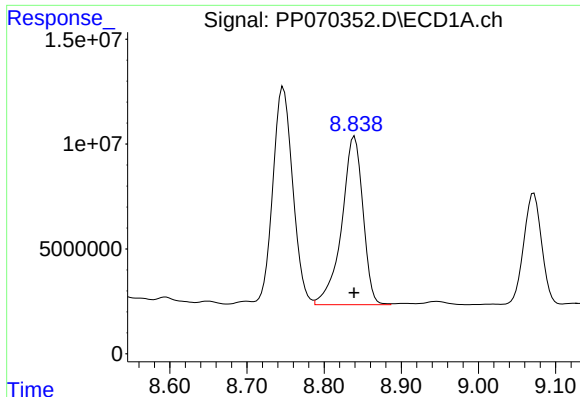
R.T.: 8.747 min
Delta R.T.: 0.001 min
Response: 186400447
Conc: 970.36 ng/ml

Response_ Signal: PP070352.D\ECD2B.ch

#41 AR-1268-1



R.T.: 7.747 min
Delta R.T.: -0.002 min
Response: 145348569
Conc: 876.92 ng/ml



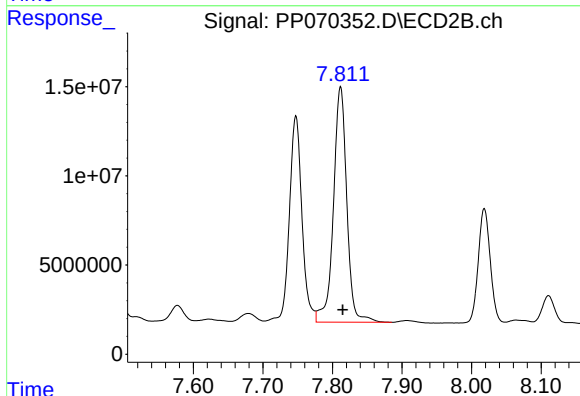
#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: 0.000 min
Response: 152951351
Conc: 923.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL

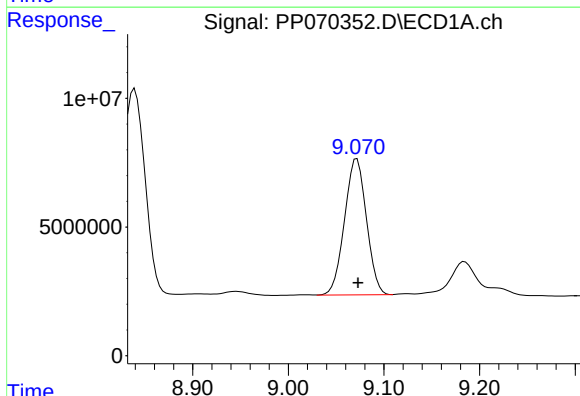
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



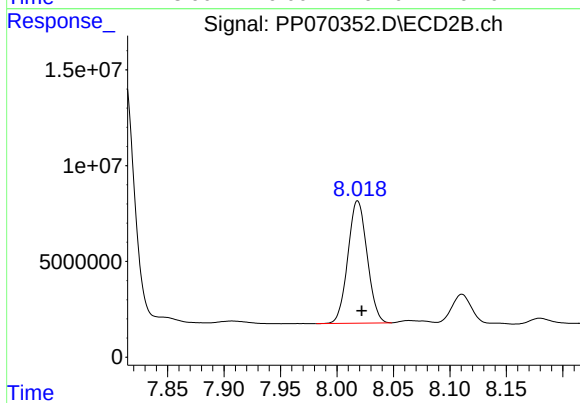
#42 AR-1268-2

R.T.: 7.812 min
Delta R.T.: -0.003 min
Response: 176301160
Conc: 1215.52 ng/ml



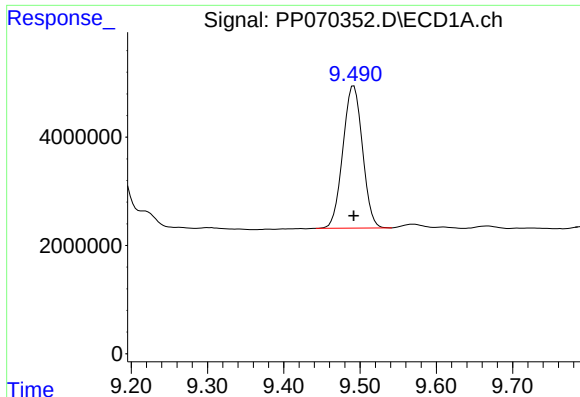
#43 AR-1268-3

R.T.: 9.072 min
Delta R.T.: -0.001 min
Response: 84575732
Conc: 589.36 ng/ml



#43 AR-1268-3

R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 75777653
Conc: 618.77 ng/ml



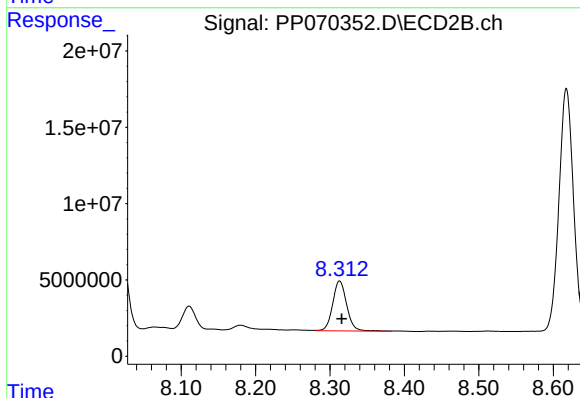
#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 46931221
Conc: 744.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL

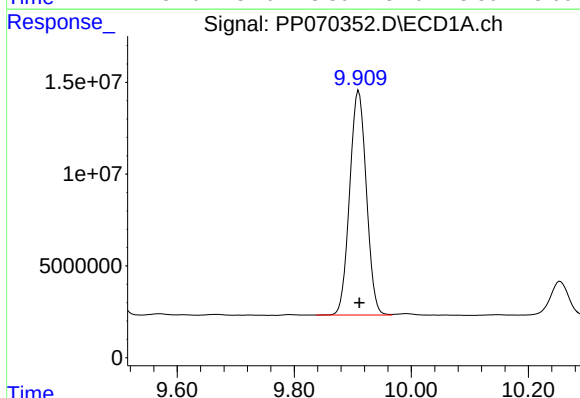
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



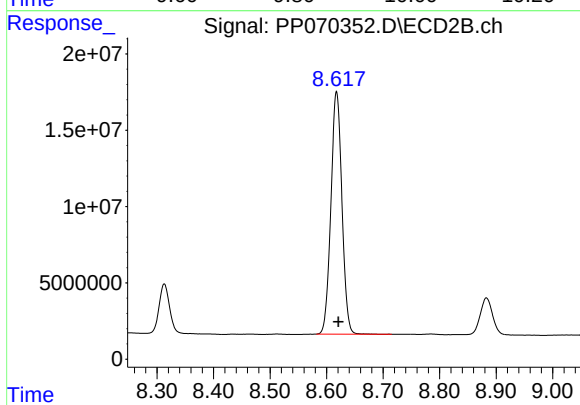
#44 AR-1268-4

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 42692725
Conc: 802.72 ng/ml



#45 AR-1268-5

R.T.: 9.910 min
Delta R.T.: -0.001 min
Response: 241992690
Conc: 581.82 ng/ml



#45 AR-1268-5

R.T.: 8.618 min
Delta R.T.: -0.003 min
Response: 214812099
Conc: 604.73 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-12BDL2	SDG No.:	Q1437
Lab Sample ID:	Q1437-04DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070353.D	20	03/06/25 11:40	03/07/25 13:24	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	91.4	UD	91.4	458	ug/kg
11104-28-2	Aroclor-1221	173	UD	173	458	ug/kg
11141-16-5	Aroclor-1232	91.7	UD	91.7	458	ug/kg
53469-21-9	Aroclor-1242	91.4	UD	91.4	458	ug/kg
12672-29-6	Aroclor-1248	213	UD	213	458	ug/kg
11097-69-1	Aroclor-1254	5900	D	73.6	458	ug/kg
37324-23-5	Aroclor-1262	123	UD	123	458	ug/kg
11100-14-4	Aroclor-1268	1100	D	92.5	458	ug/kg
11096-82-5	Aroclor-1260	78.5	UD	78.5	458	ug/kg
Total PCBs	Total PCBs	7100	D	166	458	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	36.4	*	32 - 144	182%	SPK: 20
2051-24-3	Decachlorobiphenyl	106	*	32 - 175	528%	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\PP030725\
 Data File : PP070353.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 13:24
 Operator : YP\AJ
 Sample : Q1437-04DL2 20X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 K084-12BDL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:14:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.826	2157266	1739456	1.470	1.819m
2)	SA Decachlor...	10.253	8.882	5696495	5729067	5.001	5.285
Target Compounds							
26)	L6 AR-1254-1	6.527	5.723	20516675	20448821	361.844	374.731
27)	L6 AR-1254-2	6.744	5.872	40101867	24337524	457.338	499.277
28)	L6 AR-1254-3	7.107	6.277	51420796	47111716	576.943	621.391
29)	L6 AR-1254-4	7.390	6.504	46739242	34764080	627.279	675.555m
30)	L6 AR-1254-5	7.807	6.923	85825466	76077759	1277.882	1125.923
41)	L9 AR-1268-1	8.746	7.746	29606882	22575986	154.128	136.206
42)	L9 AR-1268-2	8.837	7.810	24467671	26812293	147.765	184.859 #
43)	L9 AR-1268-3	9.072	8.018	12513354	11696588	87.199	95.510
44)	L9 AR-1268-4	9.491	8.312	6727913	6731723	106.709	126.572
45)	L9 AR-1268-5	9.910	8.617	36049426	32765728	86.674	92.241

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:24
Operator : YP\AJ
Sample : Q1437-04DL2 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

K084-12BDL2

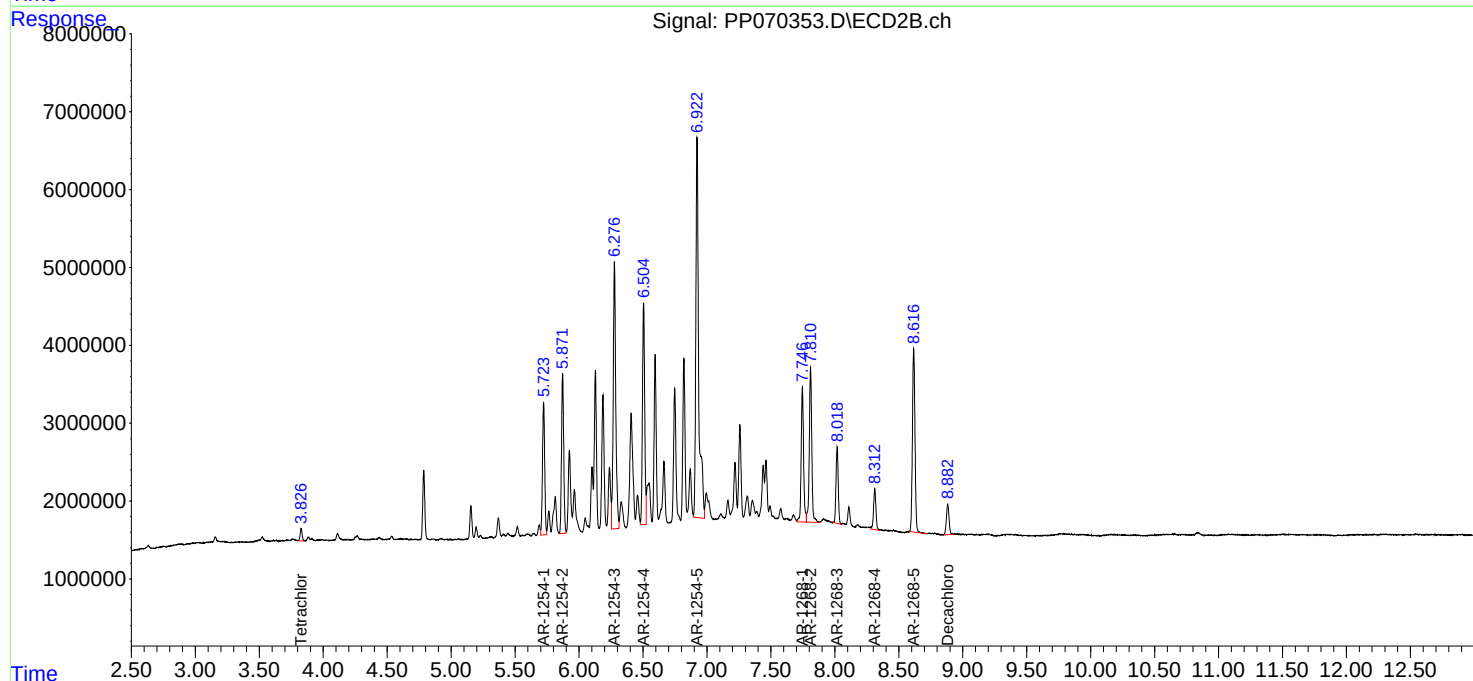
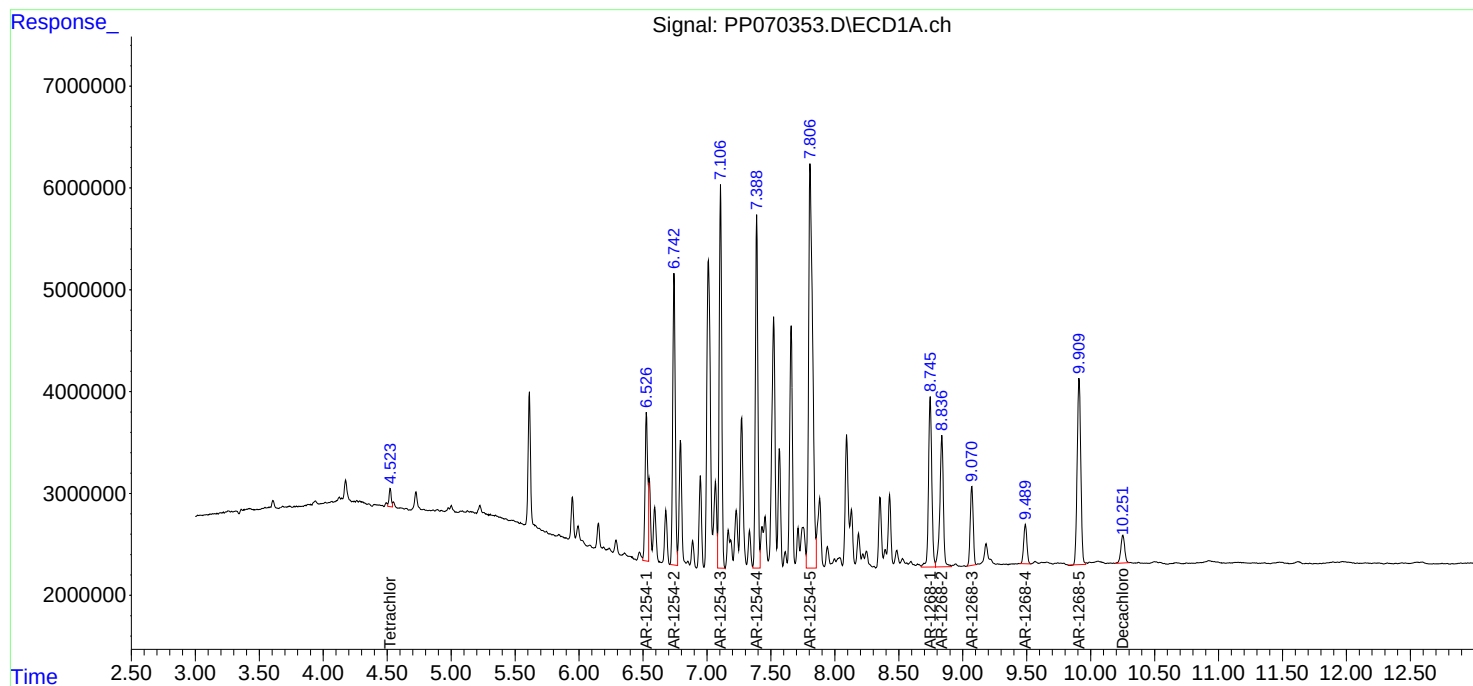
Manual Integrations

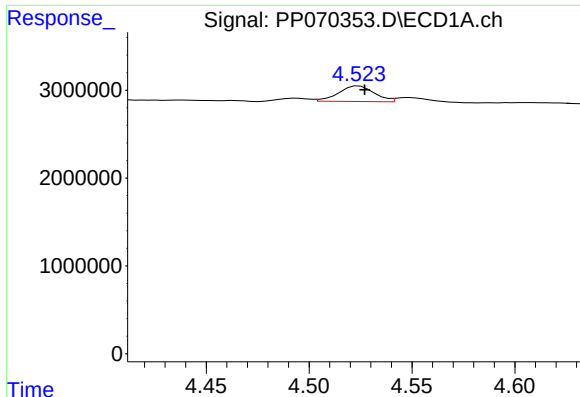
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:14:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 2157266
Conc: 1.47 ng/ml

Instrument :

ECD_P

ClientSampleId :

K084-12BDL2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

#1 Tetrachloro-m-xylene

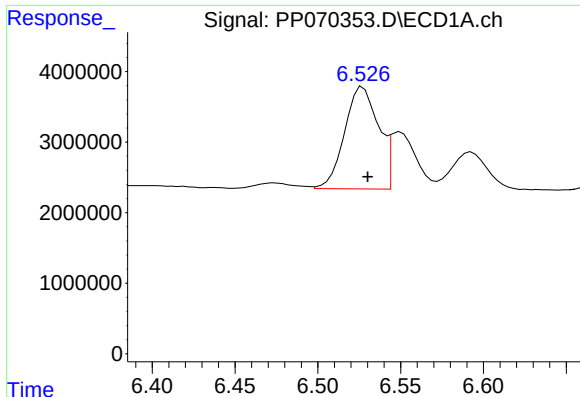
R.T.: 3.826 min
Delta R.T.: -0.004 min
Response: 1739456
Conc: 1.82 ng/ml m

#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.003 min
Response: 5696495
Conc: 5.00 ng/ml

#2 Decachlorobiphenyl

R.T.: 8.882 min
Delta R.T.: -0.006 min
Response: 5729067
Conc: 5.28 ng/ml



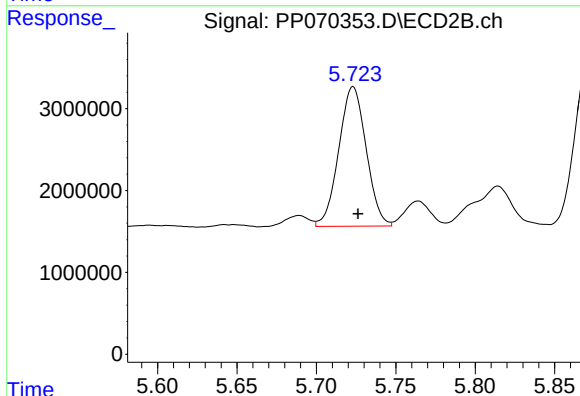
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 20516675
Conc: 361.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL2

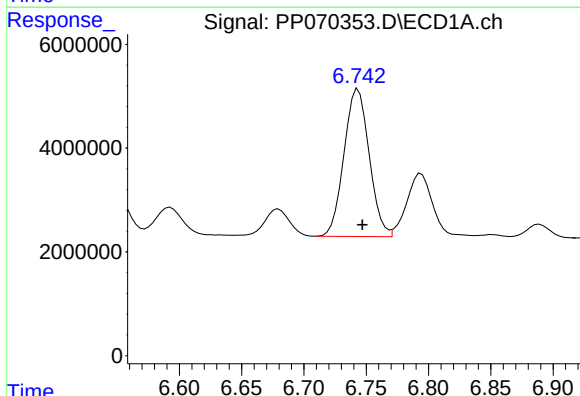
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



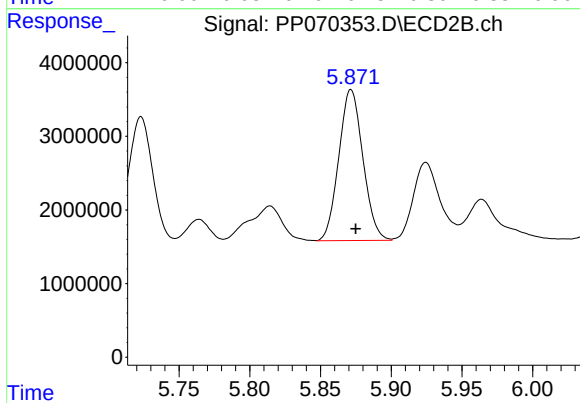
#26 AR-1254-1

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 20448821
Conc: 374.73 ng/ml



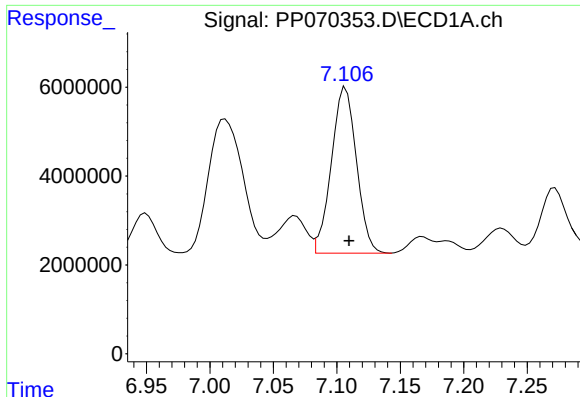
#27 AR-1254-2

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 40101867
Conc: 457.34 ng/ml



#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 24337524
Conc: 499.28 ng/ml



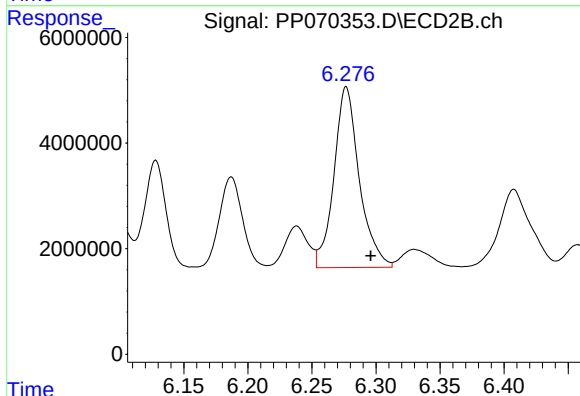
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 51420796
Conc: 576.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL2

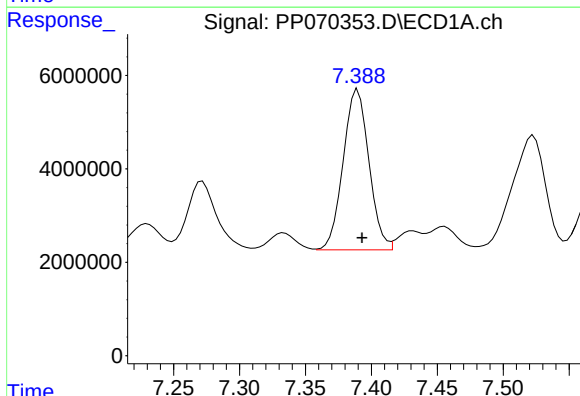
Manual Integrations
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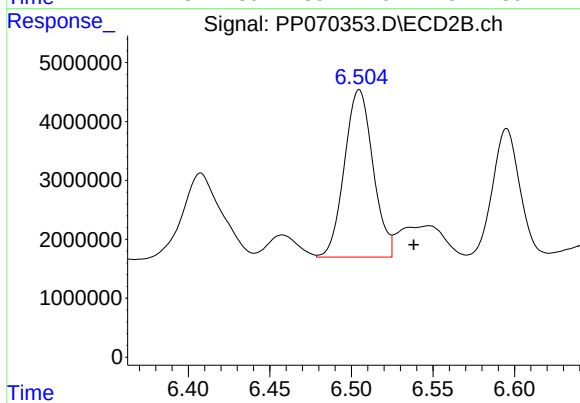
#28 AR-1254-3

R.T.: 6.277 min
Delta R.T.: -0.019 min
Response: 47111716
Conc: 621.39 ng/ml



#29 AR-1254-4

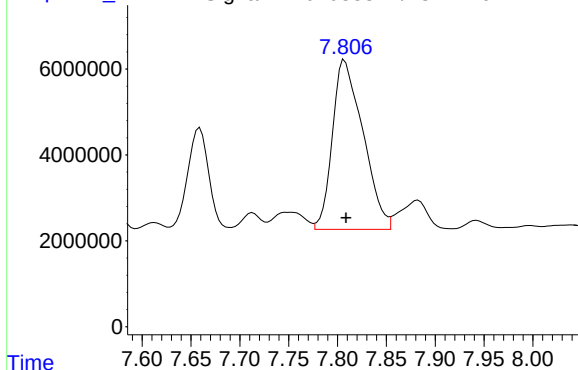
R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 46739242
Conc: 627.28 ng/ml



#29 AR-1254-4

R.T.: 6.504 min
Delta R.T.: -0.034 min
Response: 34764080
Conc: 675.56 ng/ml m

Response_ Signal: PP070353.D\ECD1A.ch



#30 AR-1254-5

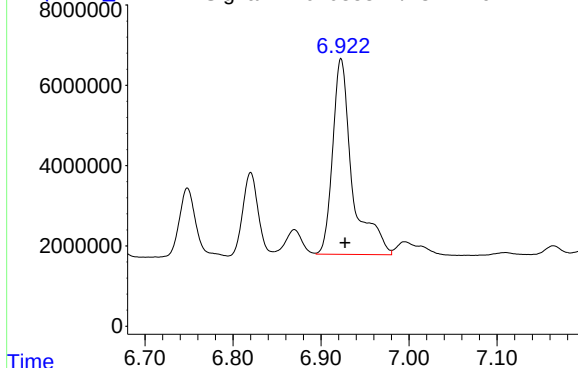
R.T.: 7.807 min
Delta R.T.: -0.001 min
Response: 85825466
Conc: 1277.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL2

Manual Integrations
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Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

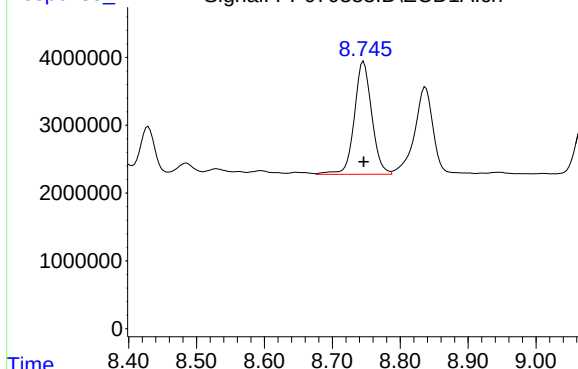
Response_ Signal: PP070353.D\ECD2B.ch



#30 AR-1254-5

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 76077759
Conc: 1125.92 ng/ml

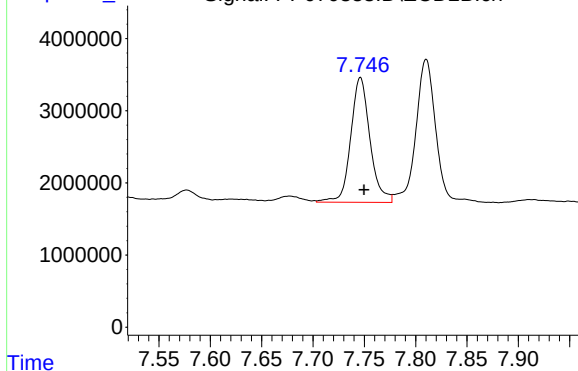
Response_ Signal: PP070353.D\ECD1A.ch



#41 AR-1268-1

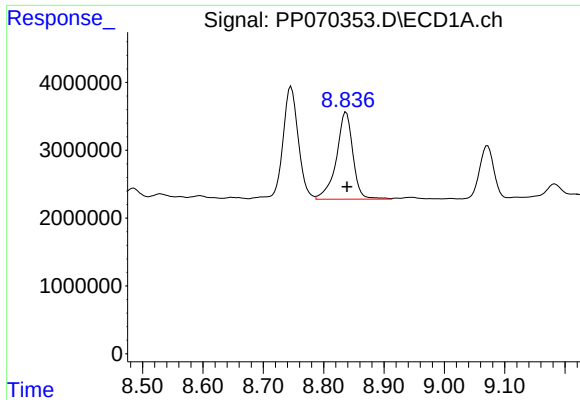
R.T.: 8.746 min
Delta R.T.: 0.000 min
Response: 29606882
Conc: 154.13 ng/ml

Response_ Signal: PP070353.D\ECD2B.ch



#41 AR-1268-1

R.T.: 7.746 min
Delta R.T.: -0.004 min
Response: 22575986
Conc: 136.21 ng/ml



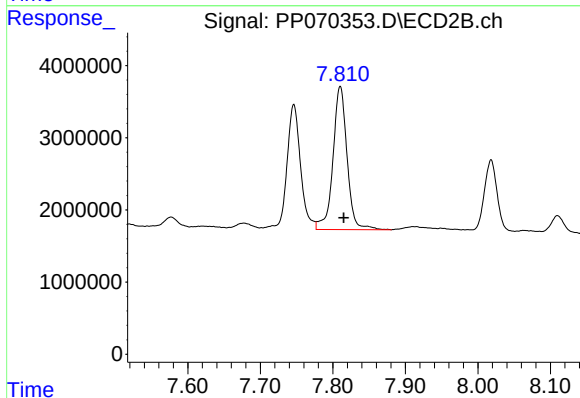
#42 AR-1268-2

R.T.: 8.837 min
Delta R.T.: -0.002 min
Response: 24467671
Conc: 147.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL2

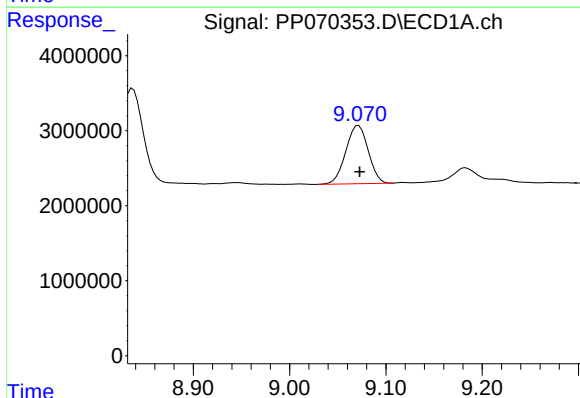
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



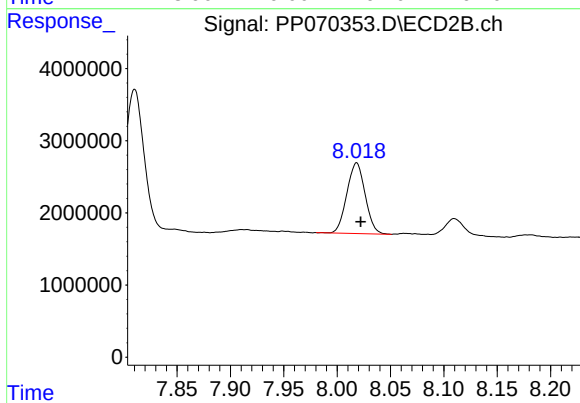
#42 AR-1268-2

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 26812293
Conc: 184.86 ng/ml



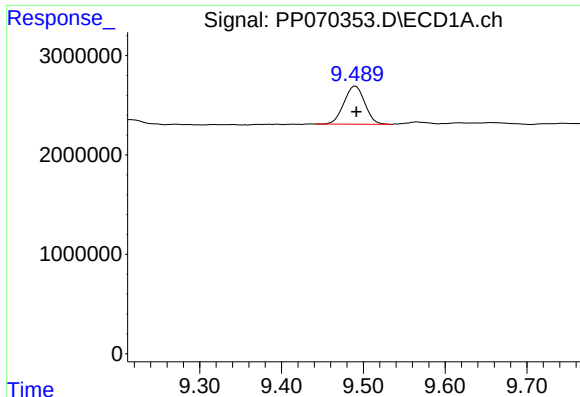
#43 AR-1268-3

R.T.: 9.072 min
Delta R.T.: -0.001 min
Response: 12513354
Conc: 87.20 ng/ml



#43 AR-1268-3

R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 11696588
Conc: 95.51 ng/ml



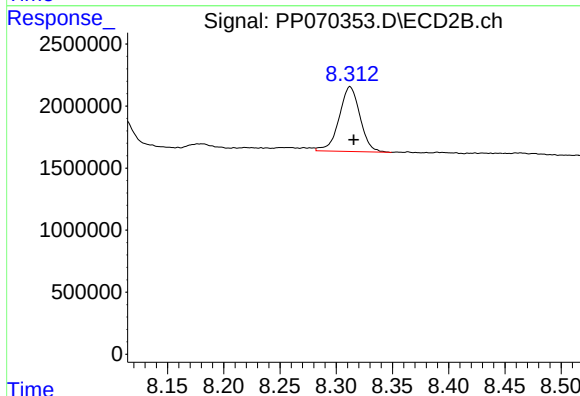
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: -0.001 min
Response: 6727913
Conc: 106.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12BDL2

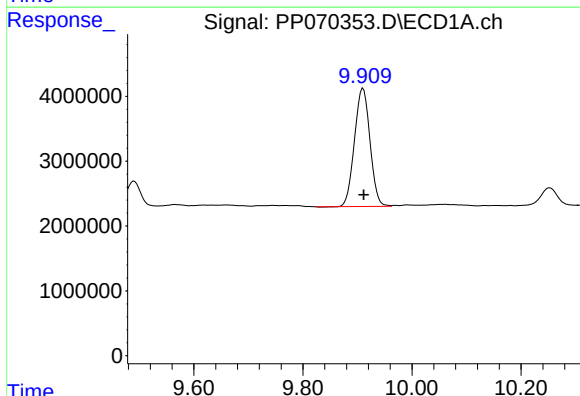
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



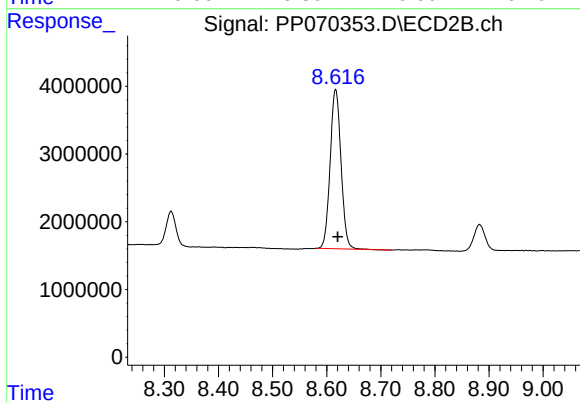
#44 AR-1268-4

R.T.: 8.312 min
Delta R.T.: -0.003 min
Response: 6731723
Conc: 126.57 ng/ml



#45 AR-1268-5

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 36049426
Conc: 86.67 ng/ml



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.004 min
Response: 32765728
Conc: 92.24 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-12C	SDG No.:	Q1437
Lab Sample ID:	Q1437-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	66.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070357.D	1	03/07/25 08:25	03/07/25 14:29	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.10	U	5.10	25.5	ug/kg
11104-28-2	Aroclor-1221	9.60	U	9.60	25.5	ug/kg
11141-16-5	Aroclor-1232	5.10	U	5.10	25.5	ug/kg
53469-21-9	Aroclor-1242	5.10	U	5.10	25.5	ug/kg
12672-29-6	Aroclor-1248	11.8	U	11.8	25.5	ug/kg
11097-69-1	Aroclor-1254	122		4.10	25.5	ug/kg
37324-23-5	Aroclor-1262	6.80	U	6.80	25.5	ug/kg
11100-14-4	Aroclor-1268	19.0	J	5.10	25.5	ug/kg
11096-82-5	Aroclor-1260	4.40	U	4.40	25.5	ug/kg
Total PCBs	Total PCBs	141		9.20	25.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.3		32 - 144	132%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		32 - 175	87%	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\PP030725\
 Data File : PP070357.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 14:29
 Operator : YP\AJ
 Sample : Q1437-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 K084-12C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:15:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.828	38639964	24051190	26.328	25.157
2) SA Decachlor...	10.256	8.882	19054270	18828995	16.728	17.368
Target Compounds						
26) L6 AR-1254-1	6.529	5.722	5517536	5366136	97.310	98.336
27) L6 AR-1254-2	6.745	5.871	10546560	7529243	120.277	154.460 #
28) L6 AR-1254-3	7.109	6.276	15039133	13835607	168.739	182.488
29) L6 AR-1254-4	7.391	6.551	12843460	4771890	172.370	92.730 #
30) L6 AR-1254-5	7.824	6.921	44577954	36845253	663.735	545.296
41) L9 AR-1268-1	8.748	7.746	9114311	7023238	47.447	42.373
42) L9 AR-1268-2	8.841	7.810	6821476	8368050	41.196	57.694 #
43) L9 AR-1268-3	9.073	8.017	3932887	3367640	27.406	27.499
44) L9 AR-1268-4	9.493	8.312	1833293	1819894	29.077	34.218
45) L9 AR-1268-5	9.911	8.615	10736932	10031456	25.815	28.240

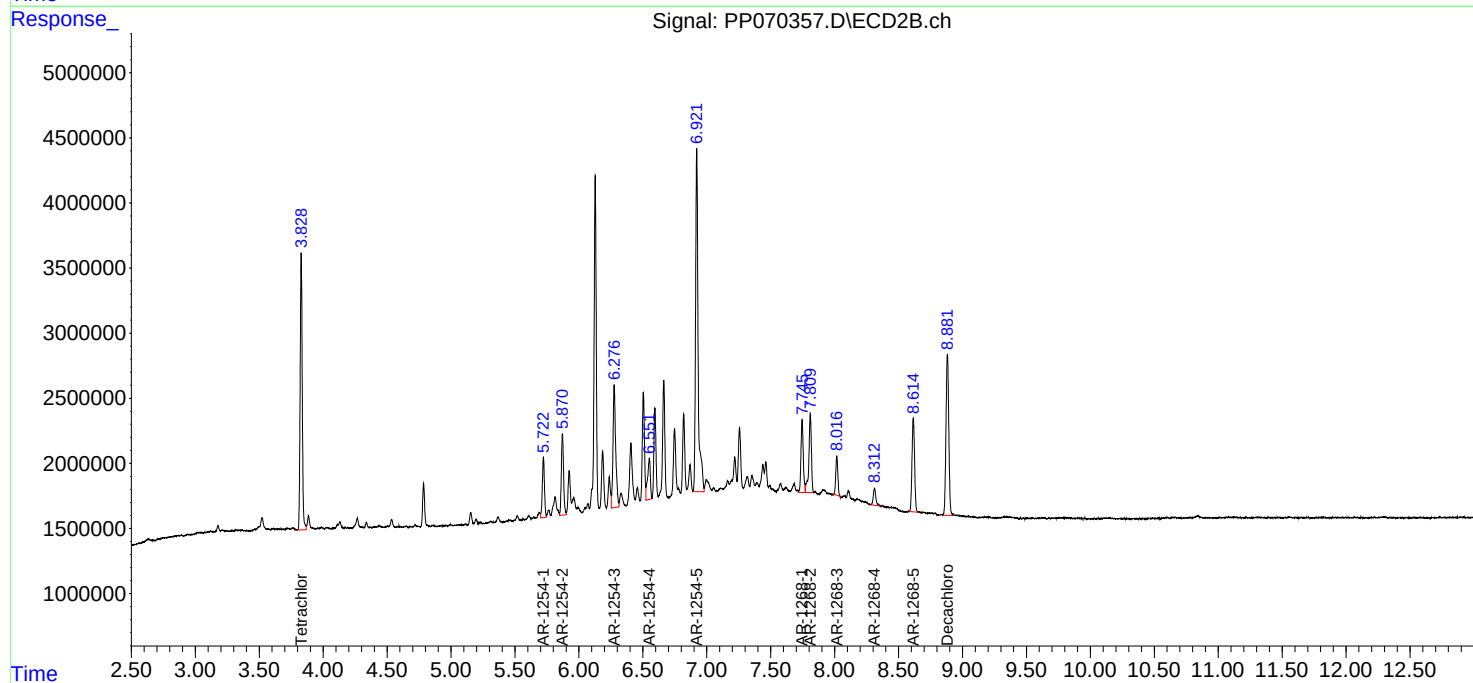
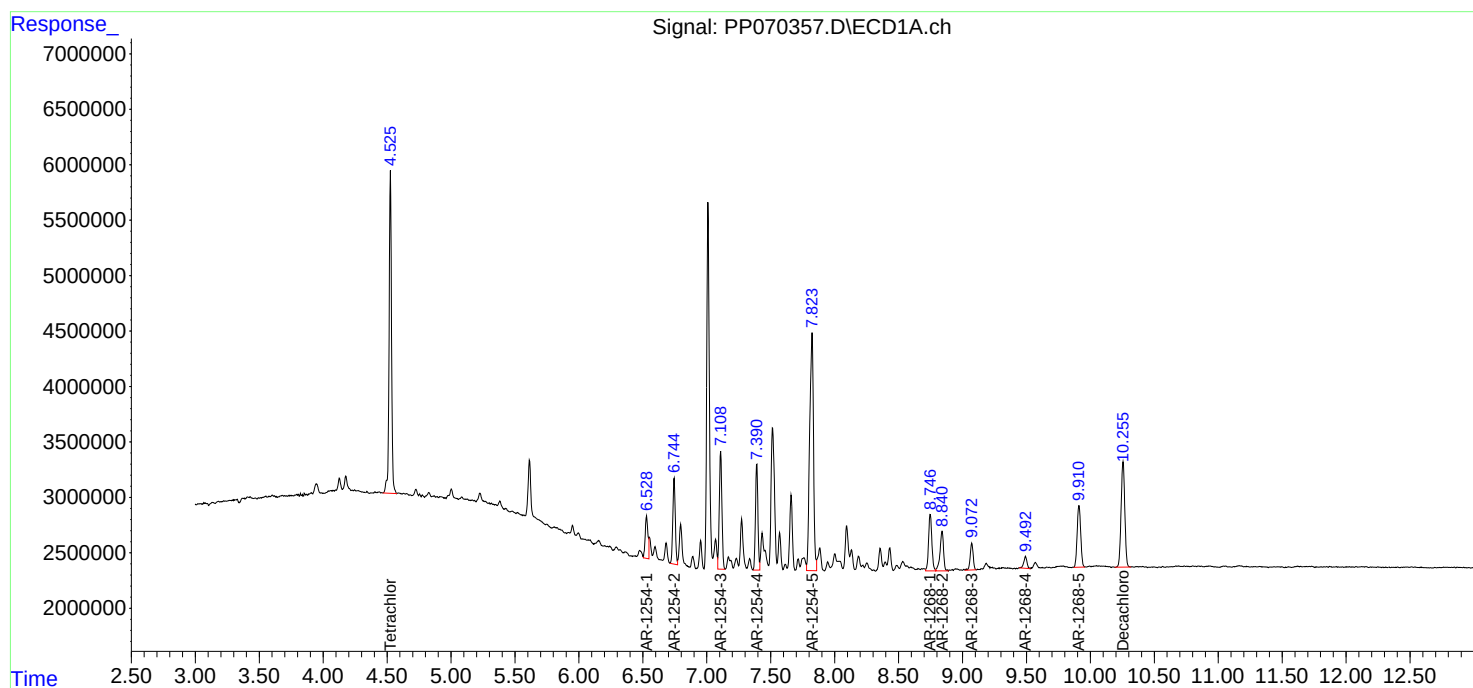
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 14:29
Operator : YP\AJ
Sample : Q1437-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

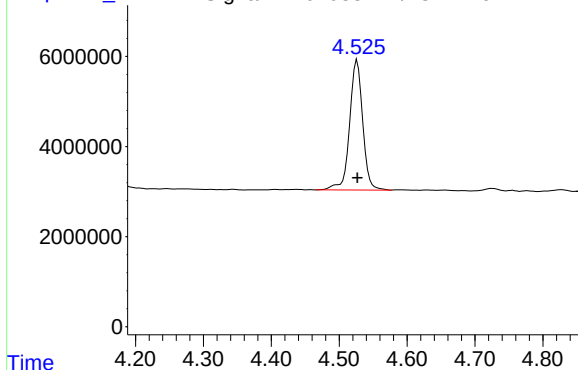
Instrument :
ECD_P
ClientSampleId :
K084-12C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:15:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP070357.D\ECD1A.ch

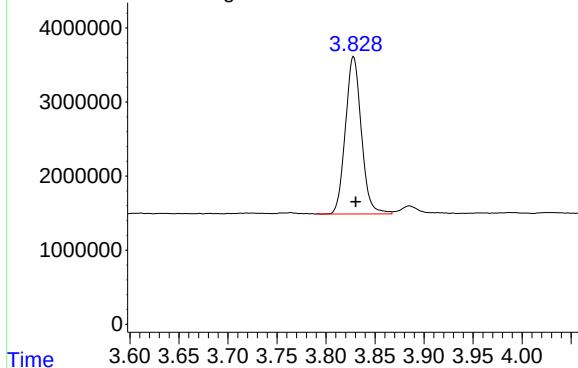


#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 38639964
Conc: 26.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C

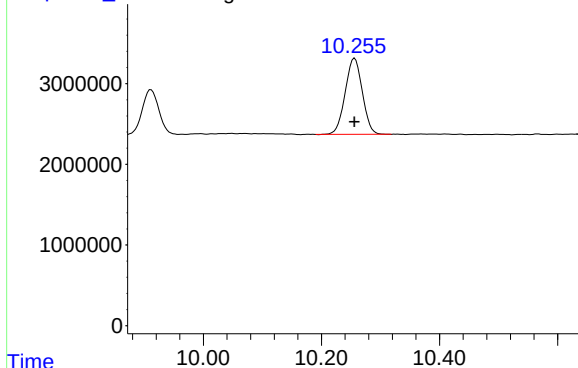
Response_ Signal: PP070357.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 24051190
Conc: 25.16 ng/ml

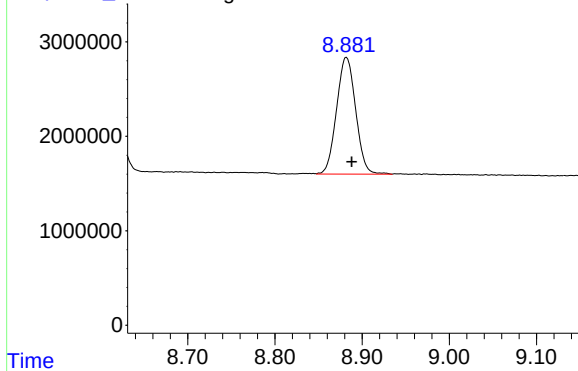
Response_ Signal: PP070357.D\ECD1A.ch



#2 Decachlorobiphenyl

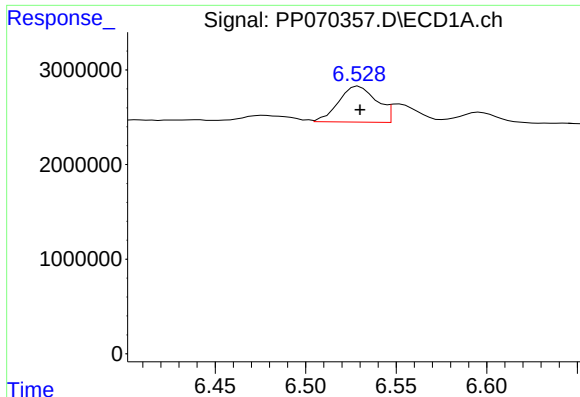
R.T.: 10.256 min
Delta R.T.: 0.000 min
Response: 19054270
Conc: 16.73 ng/ml

Response_ Signal: PP070357.D\ECD2B.ch



#2 Decachlorobiphenyl

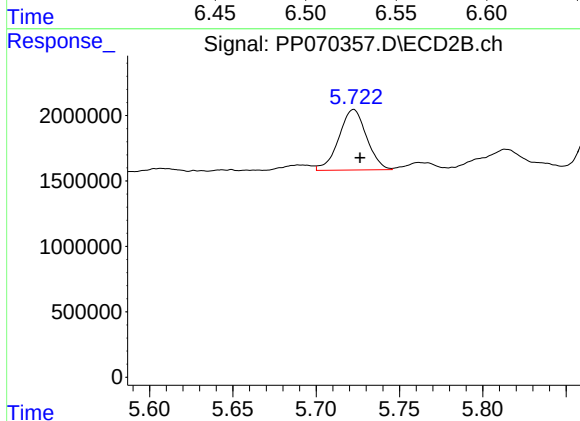
R.T.: 8.882 min
Delta R.T.: -0.006 min
Response: 18828995
Conc: 17.37 ng/ml



#26 AR-1254-1

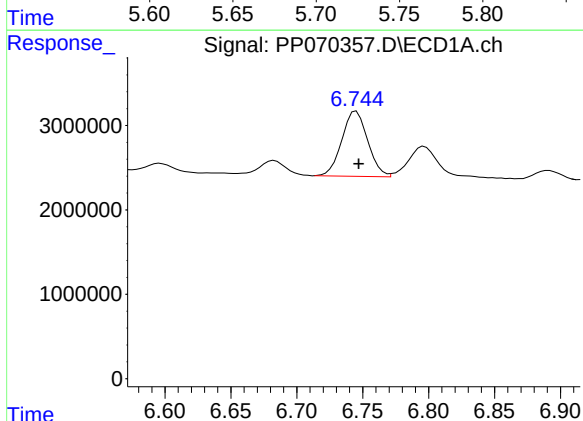
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 5517536
Conc: 97.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



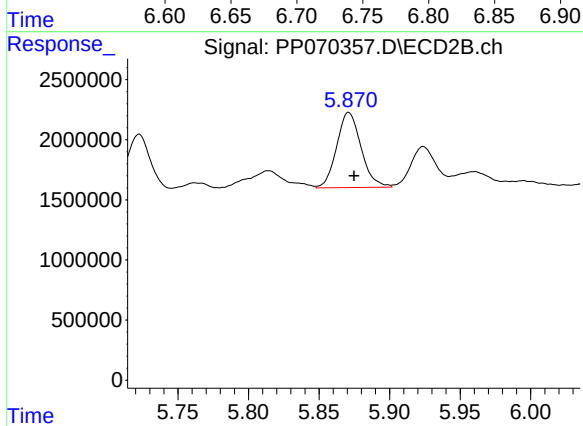
#26 AR-1254-1

R.T.: 5.722 min
Delta R.T.: -0.004 min
Response: 5366136
Conc: 98.34 ng/ml



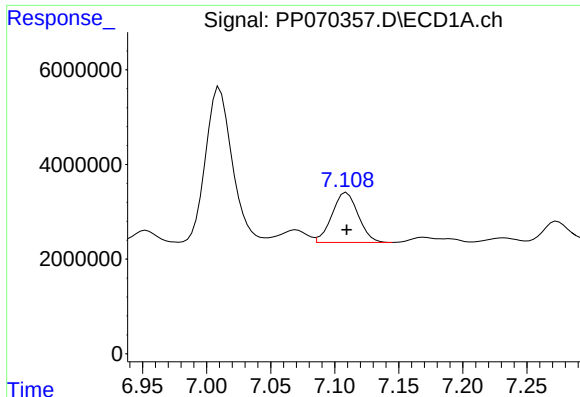
#27 AR-1254-2

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 10546560
Conc: 120.28 ng/ml



#27 AR-1254-2

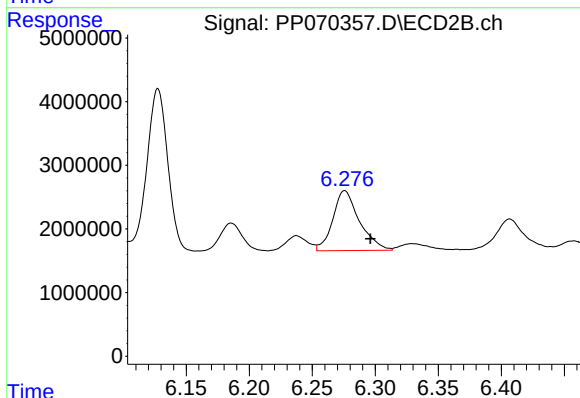
R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 7529243
Conc: 154.46 ng/ml



#28 AR-1254-3

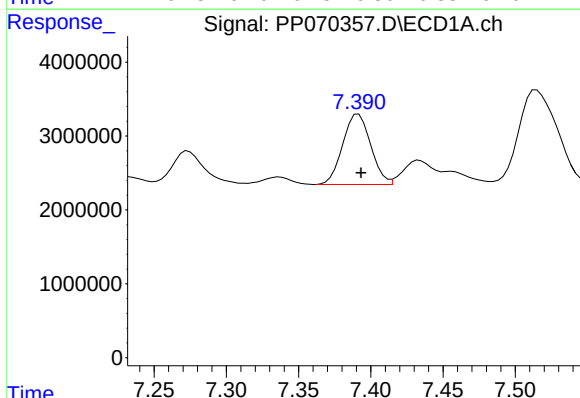
R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 15039133
Conc: 168.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



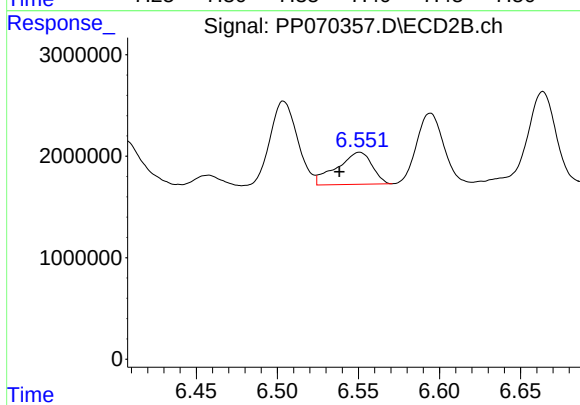
#28 AR-1254-3

R.T.: 6.276 min
Delta R.T.: -0.020 min
Response: 13835607
Conc: 182.49 ng/ml



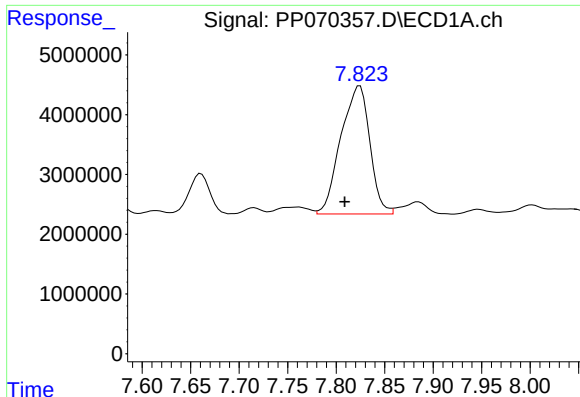
#29 AR-1254-4

R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 12843460
Conc: 172.37 ng/ml



#29 AR-1254-4

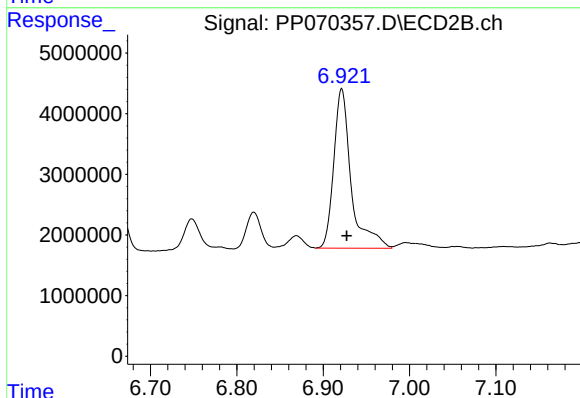
R.T.: 6.551 min
Delta R.T.: 0.012 min
Response: 4771890
Conc: 92.73 ng/ml



#30 AR-1254-5

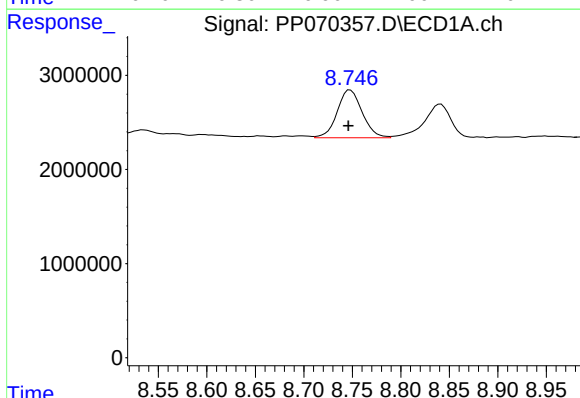
R.T.: 7.824 min
Delta R.T.: 0.016 min
Response: 44577954
Conc: 663.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



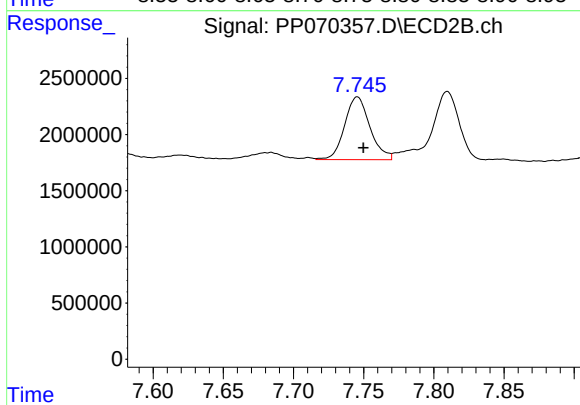
#30 AR-1254-5

R.T.: 6.921 min
Delta R.T.: -0.006 min
Response: 36845253
Conc: 545.30 ng/ml



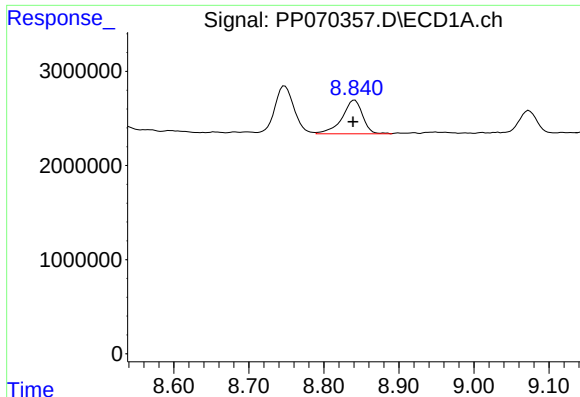
#41 AR-1268-1

R.T.: 8.748 min
Delta R.T.: 0.002 min
Response: 9114311
Conc: 47.45 ng/ml



#41 AR-1268-1

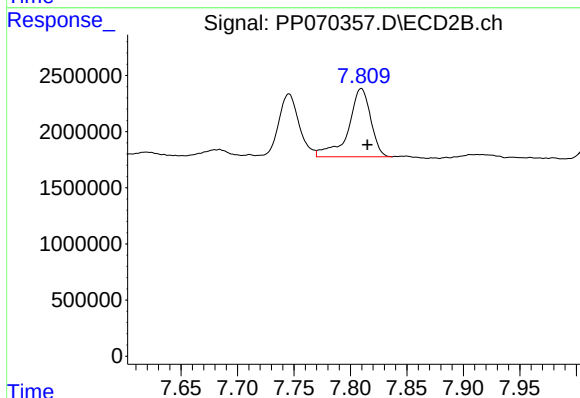
R.T.: 7.746 min
Delta R.T.: -0.004 min
Response: 7023238
Conc: 42.37 ng/ml



#42 AR-1268-2

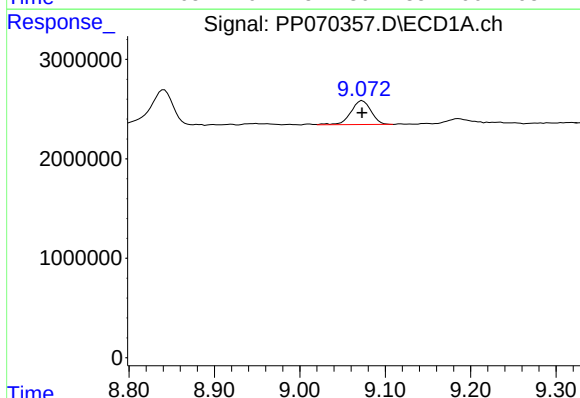
R.T.: 8.841 min
Delta R.T.: 0.002 min
Response: 6821476
Conc: 41.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



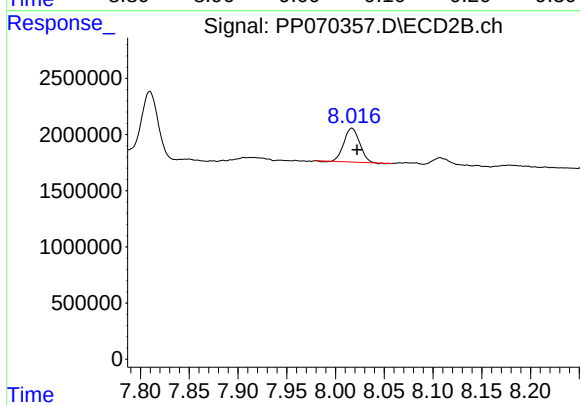
#42 AR-1268-2

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 8368050
Conc: 57.69 ng/ml



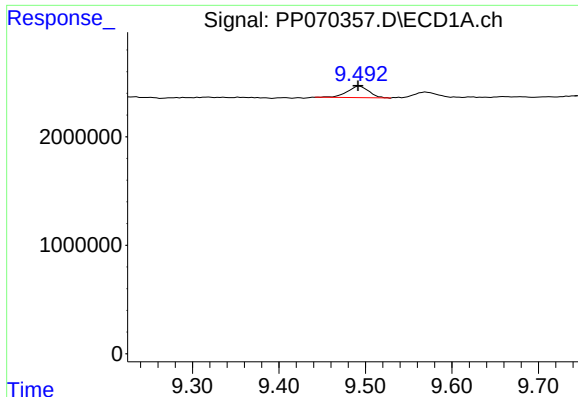
#43 AR-1268-3

R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 3932887
Conc: 27.41 ng/ml



#43 AR-1268-3

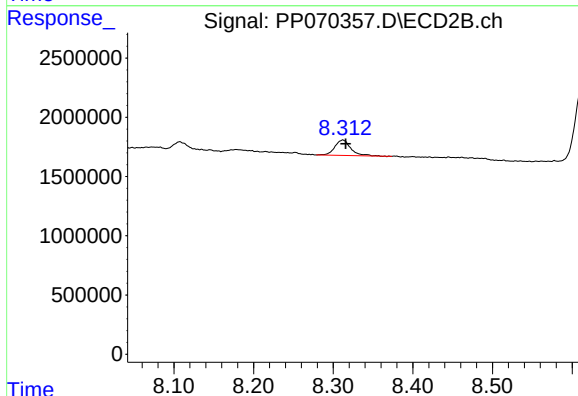
R.T.: 8.017 min
Delta R.T.: -0.005 min
Response: 3367640
Conc: 27.50 ng/ml



#44 AR-1268-4

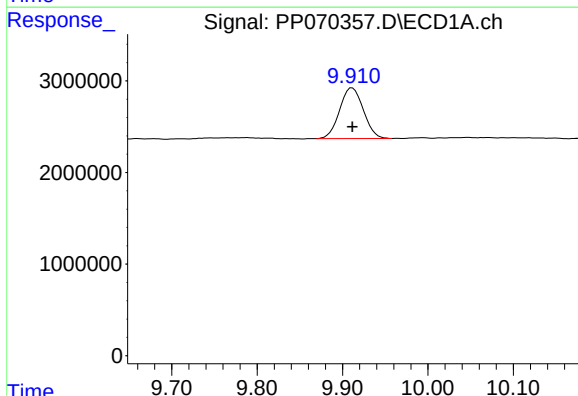
R.T.: 9.493 min
Delta R.T.: 0.002 min
Response: 1833293
Conc: 29.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



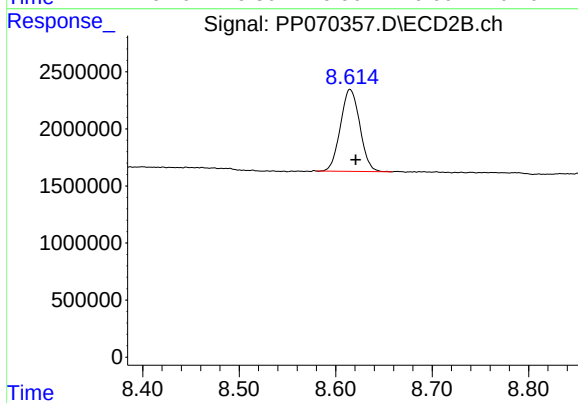
#44 AR-1268-4

R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 1819894
Conc: 34.22 ng/ml



#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 10736932
Conc: 25.81 ng/ml



#45 AR-1268-5

R.T.: 8.615 min
Delta R.T.: -0.006 min
Response: 10031456
Conc: 28.24 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-13A	SDG No.:	Q1437
Lab Sample ID:	Q1437-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	80
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109575.D	1	02/27/25 09:15	02/28/25 08:55	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	21.2	ug/kg
11104-28-2	Aroclor-1221	8.00	U	8.00	21.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	21.2	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	21.2	ug/kg
12672-29-6	Aroclor-1248	9.80	U	9.80	21.2	ug/kg
11097-69-1	Aroclor-1254	5700	E	3.40	21.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	21.2	ug/kg
11100-14-4	Aroclor-1268	142		4.30	21.2	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	21.2	ug/kg
Total PCBs	Total PCBs	5800	E	7.70	21.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.3		32 - 144	126%	SPK: 20
2051-24-3	Decachlorobiphenyl	27.4		32 - 175	137%	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_O\Data\P0022725\
 Data File : P0109575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 08:55
 Operator : YP/AJ
 Sample : Q1437-06
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K084-13A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:34:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.694	3.693	227.4E6	132.2E6	24.021	25.252
2) SA Decachlor...	8.752	8.704	201.3E6	87242154	23.399	27.398
Target Compounds						
26) L6 AR-1254-1	5.597	5.579	2647.7E6	1515.2E6	5135.154	5793.238
27) L6 AR-1254-2	5.746	5.726	3288.3E6	1879.0E6	7301.268	8010.892
28) L6 AR-1254-3	6.152	6.129	6692.2E6	3819.3E6	9347.185	10707.151
29) L6 AR-1254-4	6.382	6.358	4401.3E6	2374.3E6	10509.600	12294.347
30) L6 AR-1254-5	6.803	6.774	15208.2E6	9377.4E6	24375.852	31602.084 #
41) L9 AR-1268-1	7.630	7.597	246.1E6	100.0E6	185.840	175.045
42) L9 AR-1268-2	7.690	7.658	971.4E6	464.2E6	803.402	884.239
43) L9 AR-1268-3	7.903	7.870	137.6E6	65054317	135.151	151.981
44) L9 AR-1268-4	8.190	8.154	126.2E6	55242764	297.102	342.410
45) L9 AR-1268-5	8.489	8.448	403.2E6	170.7E6	133.528	156.187

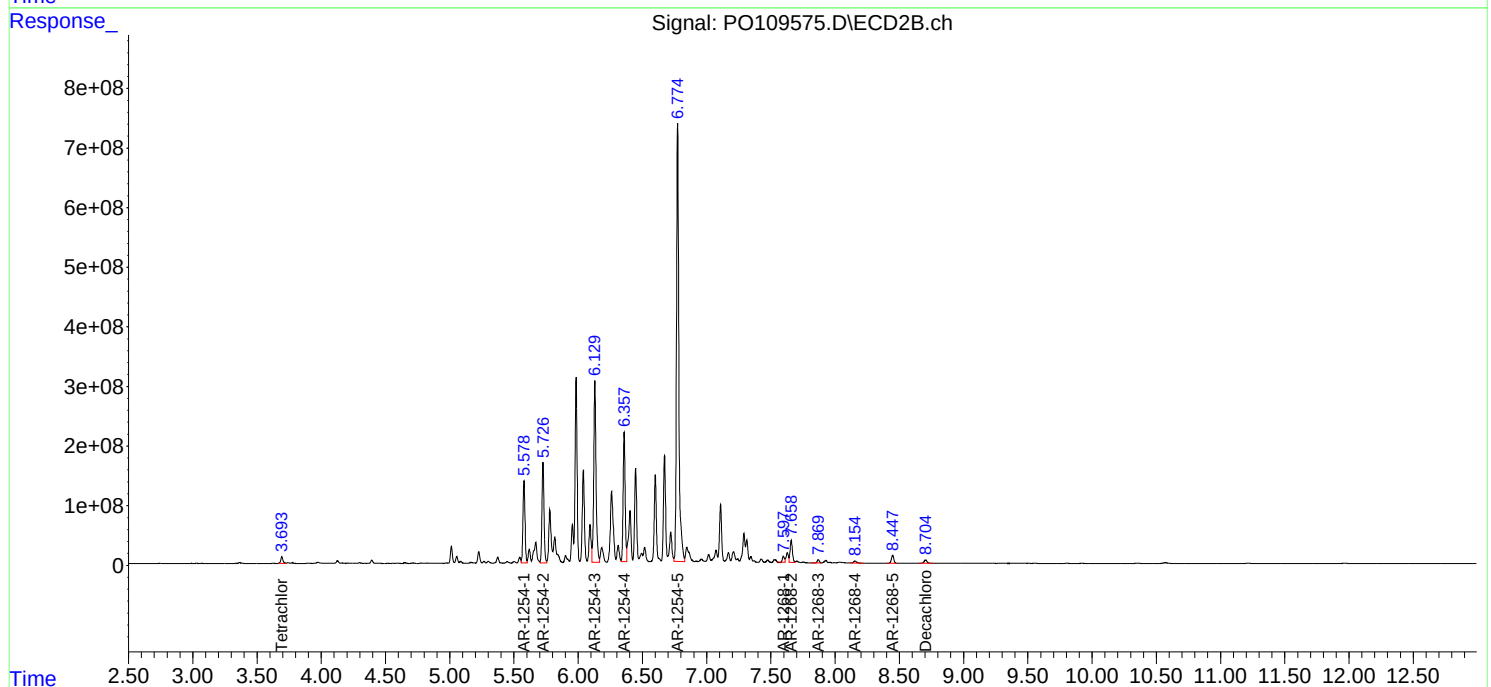
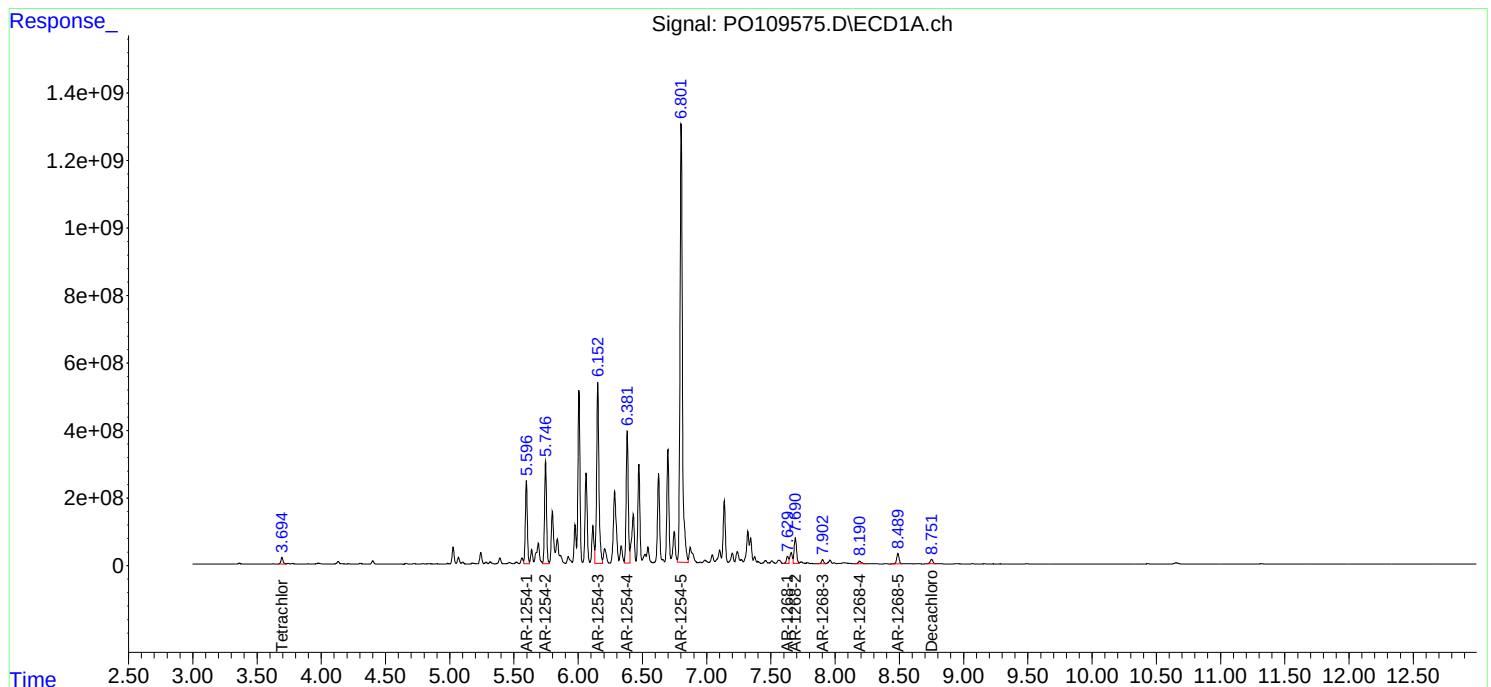
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

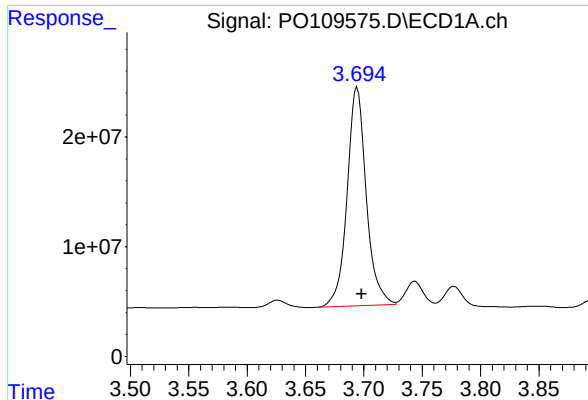
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:55
Operator : YP/AJ
Sample : Q1437-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-13A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:34:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

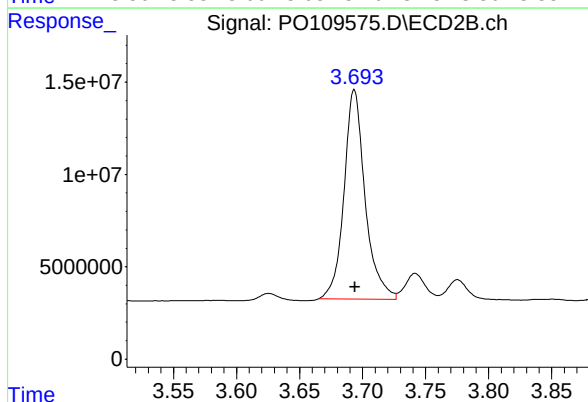




#1 Tetrachloro-m-xylene

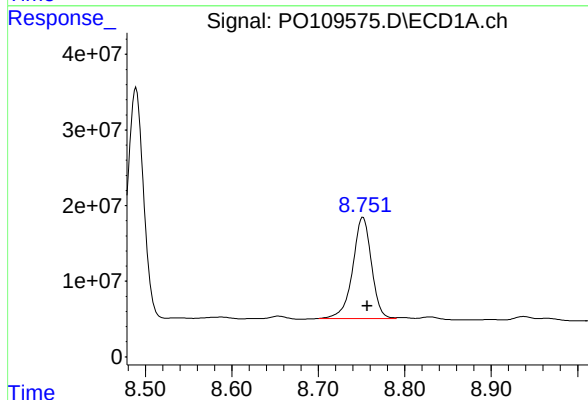
R.T.: 3.694 min
Delta R.T.: -0.004 min
Response: 227359863
Conc: 24.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13A



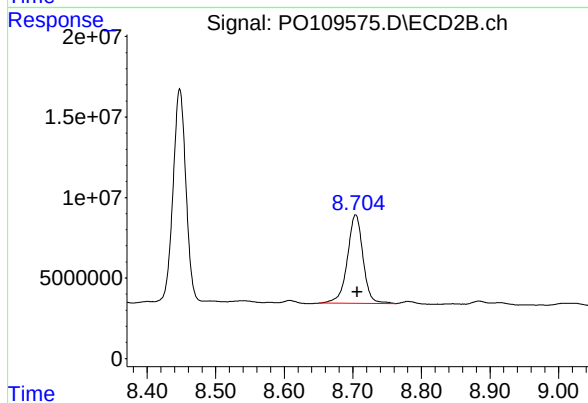
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 132174774
Conc: 25.25 ng/ml



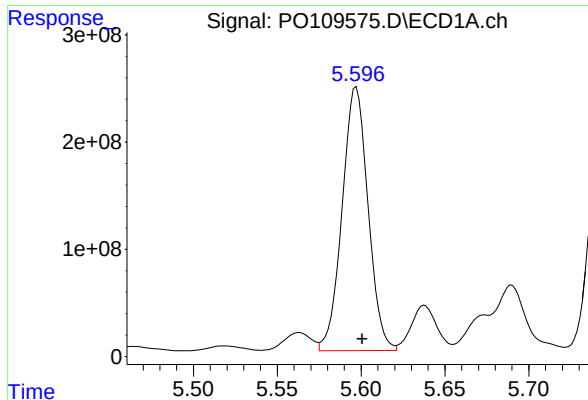
#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 201275817
Conc: 23.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 87242154
Conc: 27.40 ng/ml



#26 AR-1254-1

R.T.: 5.597 min

Delta R.T.: -0.004 min

Response: 2647719871

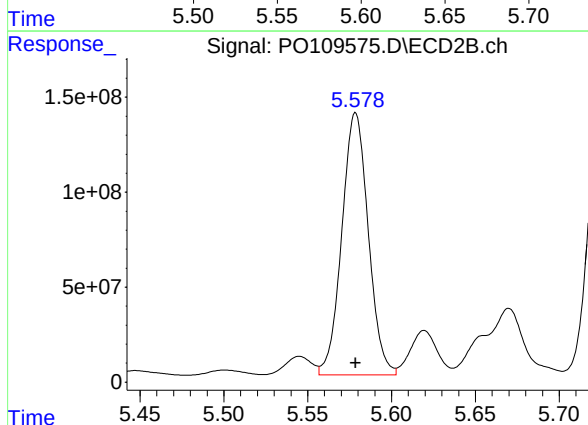
Conc: 5135.15 ng/ml

Instrument :

ECD_O

ClientSampleId :

K084-13A



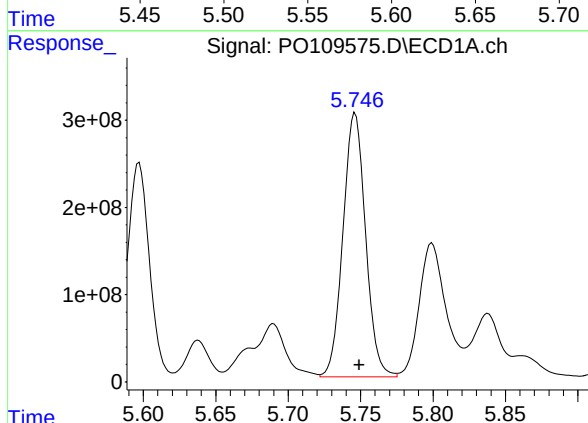
#26 AR-1254-1

R.T.: 5.579 min

Delta R.T.: 0.000 min

Response: 1515153637

Conc: 5793.24 ng/ml



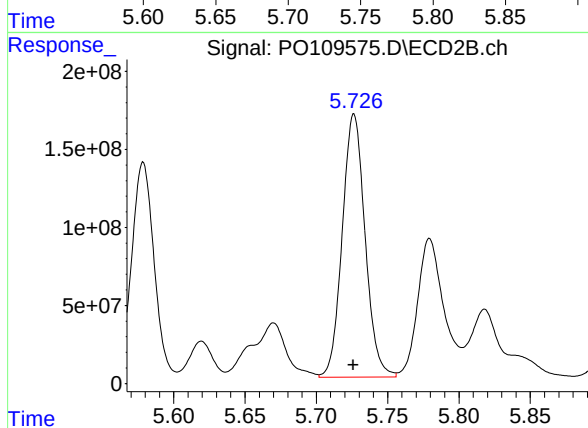
#27 AR-1254-2

R.T.: 5.746 min

Delta R.T.: -0.003 min

Response: 3288304958

Conc: 7301.27 ng/ml



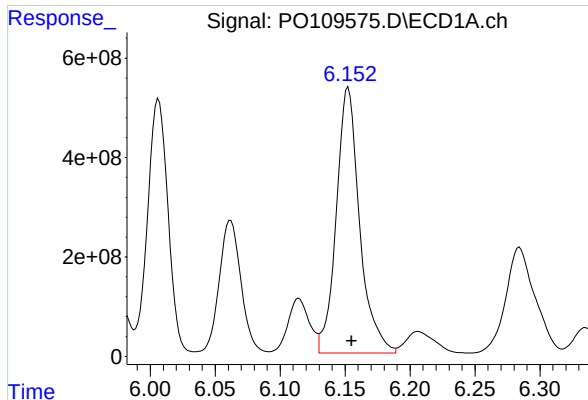
#27 AR-1254-2

R.T.: 5.726 min

Delta R.T.: 0.000 min

Response: 1879046504

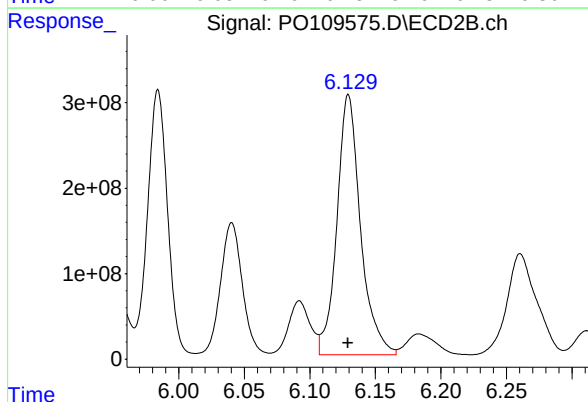
Conc: 8010.89 ng/ml



#28 AR-1254-3

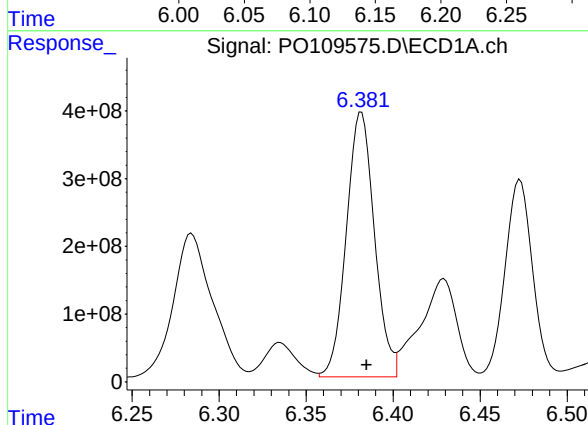
R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 6692167706
Conc: 9347.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13A



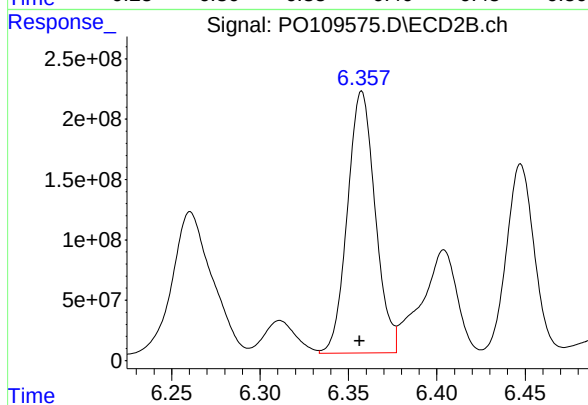
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 3819289649
Conc: 10707.15 ng/ml



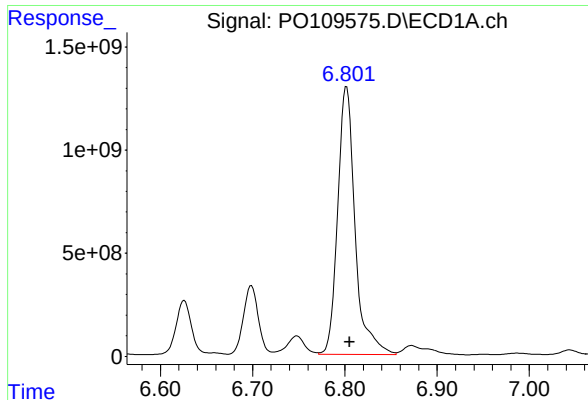
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 4401331248
Conc: 10509.60 ng/ml



#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 2374326227
Conc: 12294.35 ng/ml

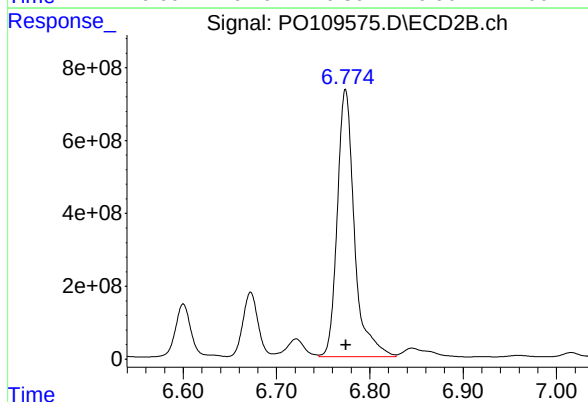


#30 AR-1254-5

R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 15208165797
Conc: 24375.85 ng/ml

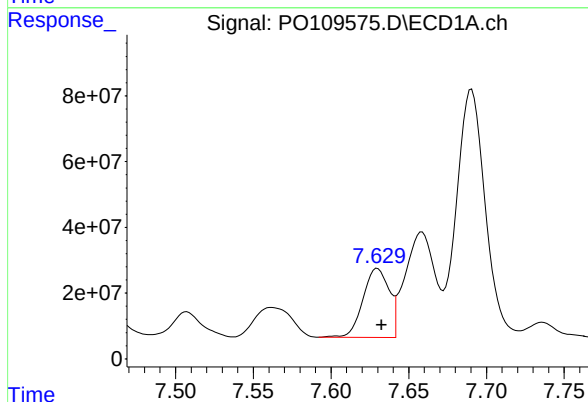
Instrument :

ECD_O

ClientSampleId :
K084-13A

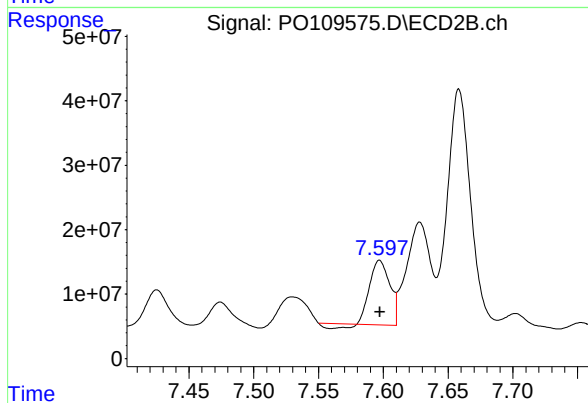
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 9377357074
Conc: 31602.08 ng/ml



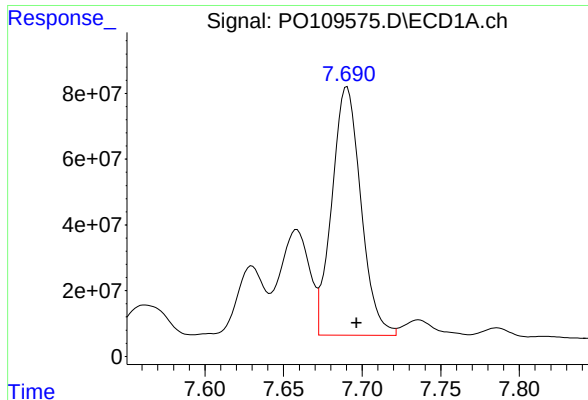
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 246093281
Conc: 185.84 ng/ml



#41 AR-1268-1

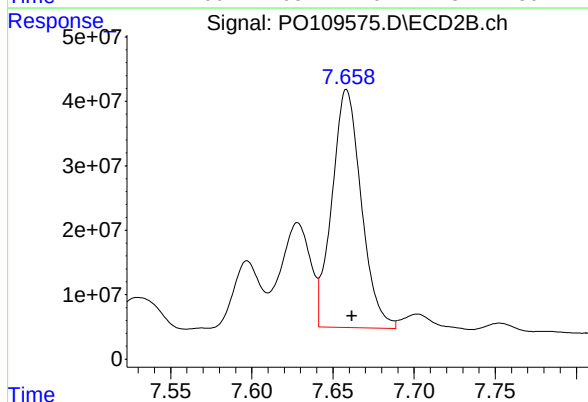
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 100022768
Conc: 175.04 ng/ml



#42 AR-1268-2

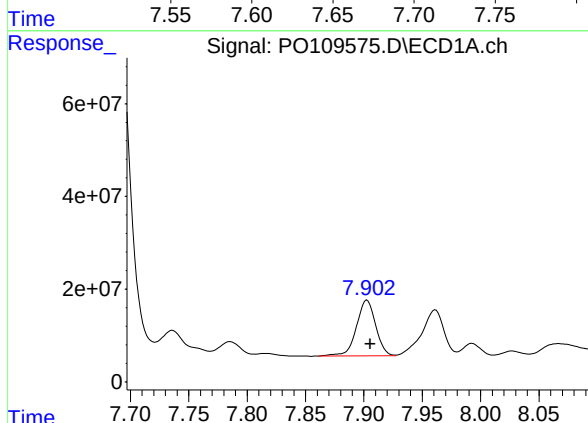
R.T.: 7.690 min
Delta R.T.: -0.006 min
Response: 971398240
Conc: 803.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13A



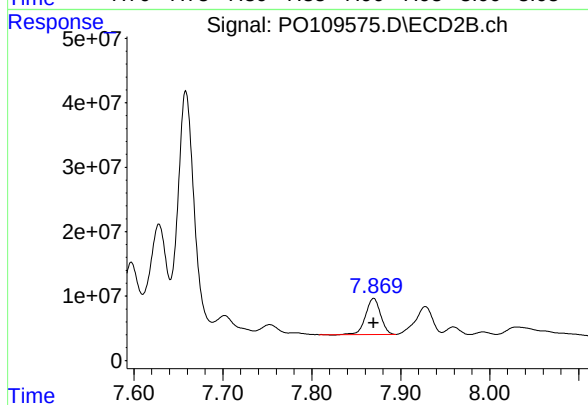
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: -0.003 min
Response: 464175579
Conc: 884.24 ng/ml



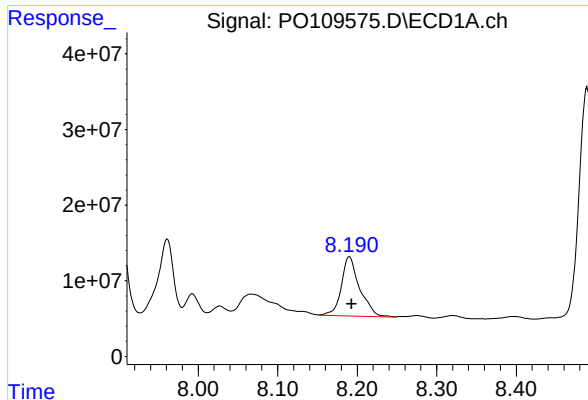
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 137607316
Conc: 135.15 ng/ml



#43 AR-1268-3

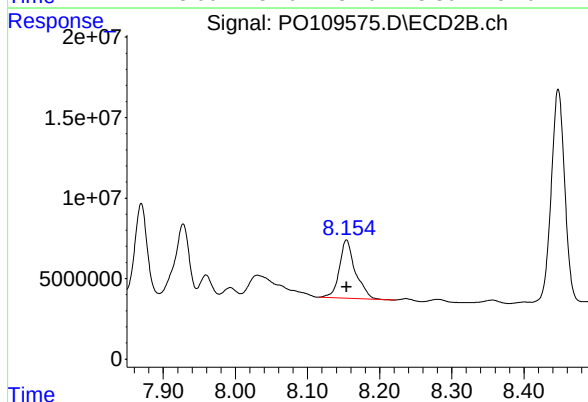
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 65054317
Conc: 151.98 ng/ml



#44 AR-1268-4

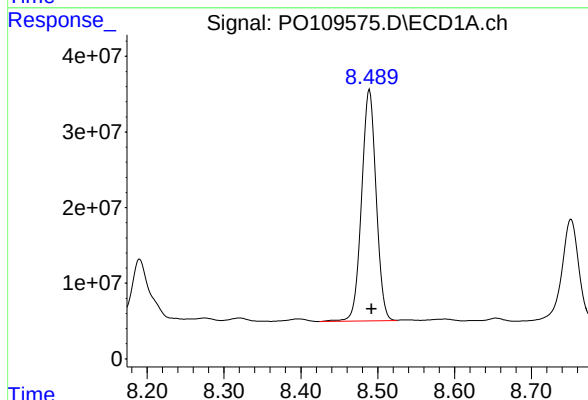
R.T.: 8.190 min
Delta R.T.: -0.003 min
Response: 126226217
Conc: 297.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13A



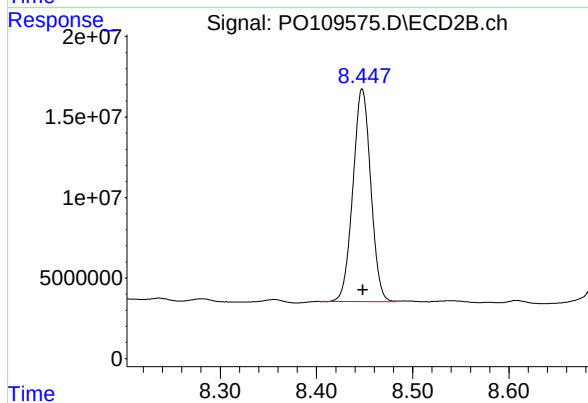
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 55242764
Conc: 342.41 ng/ml



#45 AR-1268-5

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 403208229
Conc: 133.53 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 170735169
Conc: 156.19 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-13ADL	SDG No.:	Q1437
Lab Sample ID:	Q1437-06DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	80
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109617.D	20	02/27/25 09:15	02/28/25 23:58	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	84.6	UD	84.6	424	ug/kg
11104-28-2	Aroclor-1221	160	UD	160	424	ug/kg
11141-16-5	Aroclor-1232	84.9	UD	84.9	424	ug/kg
53469-21-9	Aroclor-1242	84.6	UD	84.6	424	ug/kg
12672-29-6	Aroclor-1248	197	UD	197	424	ug/kg
11097-69-1	Aroclor-1254	5900	D	68.2	424	ug/kg
37324-23-5	Aroclor-1262	114	UD	114	424	ug/kg
11100-14-4	Aroclor-1268	196	JD	85.6	424	ug/kg
11096-82-5	Aroclor-1260	72.7	UD	72.7	424	ug/kg
Total PCBs	Total PCBs	6100	D	154	424	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	29.0	*	32 - 144	145%	SPK: 20
2051-24-3	Decachlorobiphenyl	37.0	*	32 - 175	185%	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_O\Data\PO022825\
 Data File : PO109617.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 23:58
 Operator : YP/AJ
 Sample : Q1437-06DL 20X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K084-13ADL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 04:44:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	13381028	7573593	1.414	1.447
2) SA Decachlor...	8.755	8.705	14456903	5897776	1.681	1.852
Target Compounds						
26) L6 AR-1254-1	5.600	5.579	163.4E6	87691695	316.929	335.292
27) L6 AR-1254-2	5.749	5.727	201.6E6	108.5E6	447.532	462.397
28) L6 AR-1254-3	6.155	6.130	393.7E6	206.5E6	549.961	578.828
29) L6 AR-1254-4	6.384	6.358	240.7E6	121.4E6	574.827	628.427
30) L6 AR-1254-5	6.804	6.775	892.1E6	451.8E6	1429.831	1522.668
41) L9 AR-1268-1	7.633	7.598	19160588	8745529	14.469	15.305
42) L9 AR-1268-2	7.693	7.659	62850099	29600958	51.981	56.389
43) L9 AR-1268-3	7.905	7.869	10236034	4753034	10.053	11.104
44) L9 AR-1268-4	8.193	8.155	8685477	3777614	20.443	23.415
45) L9 AR-1268-5	8.492	8.448	29813125	12674310	9.873	11.594

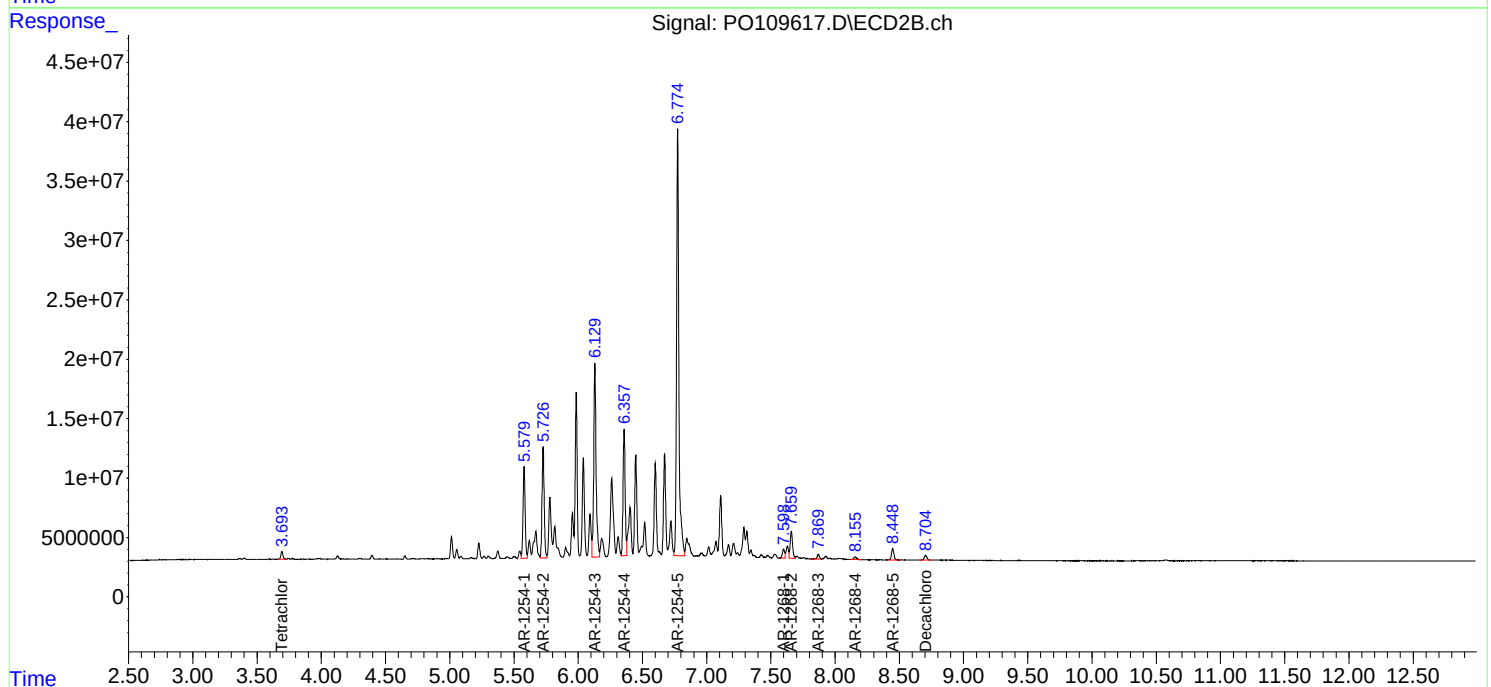
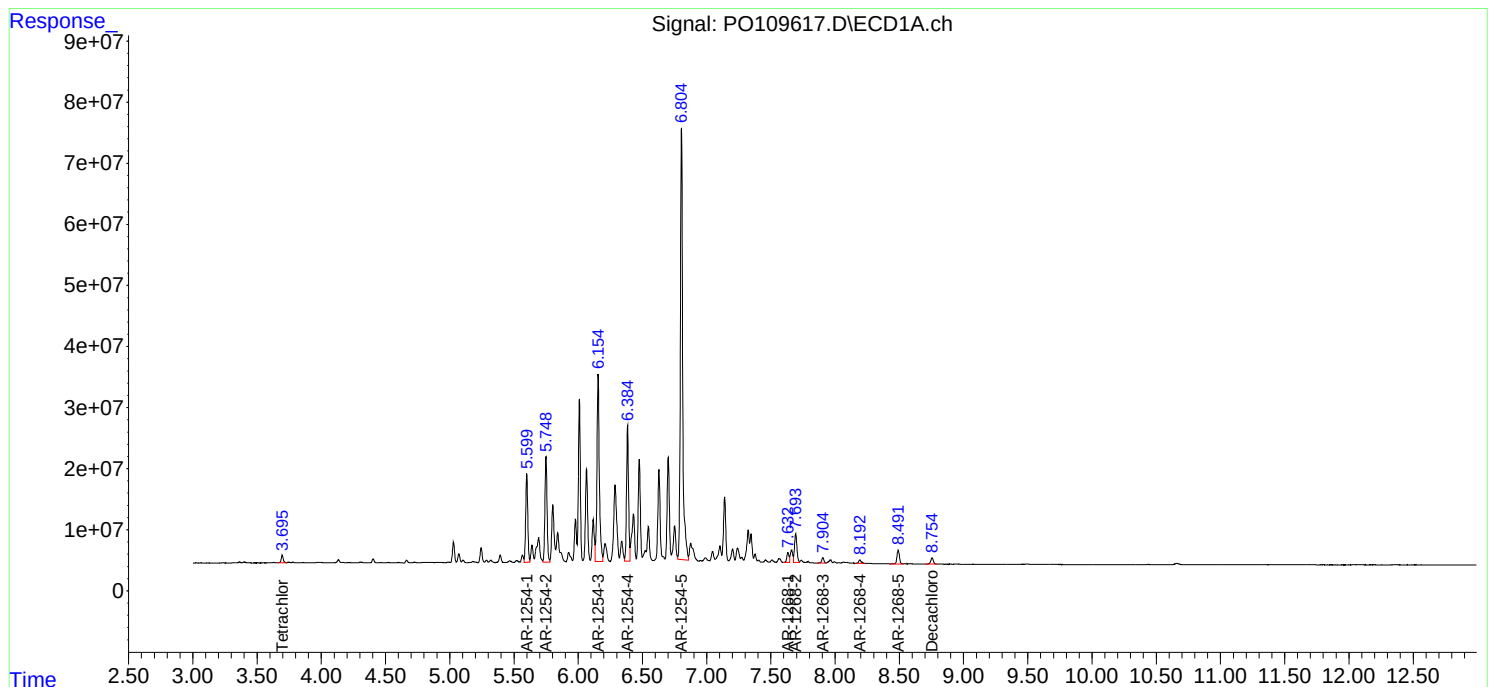
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

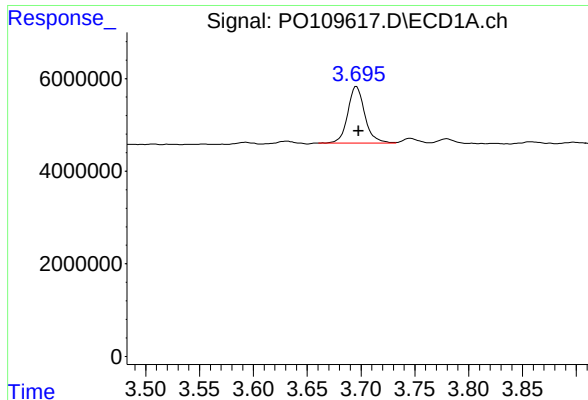
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 23:58
Operator : YP/AJ
Sample : Q1437-06DL 20X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-13ADL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 04:44:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

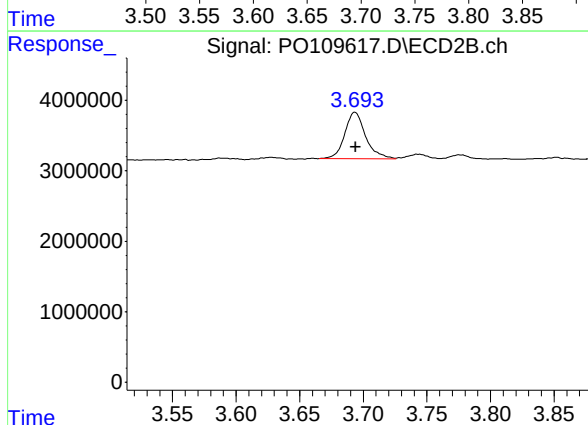




#1 Tetrachloro-m-xylene

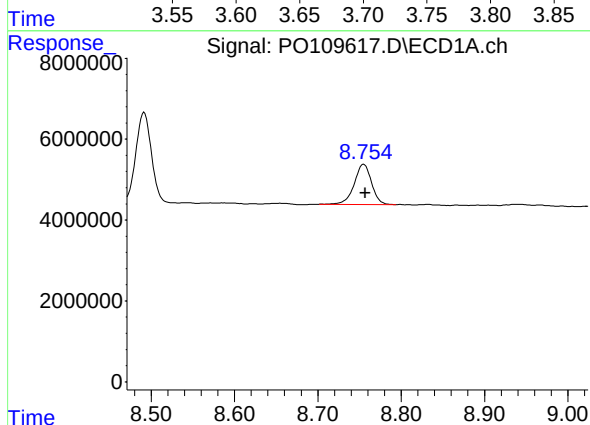
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 13381028
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13ADL



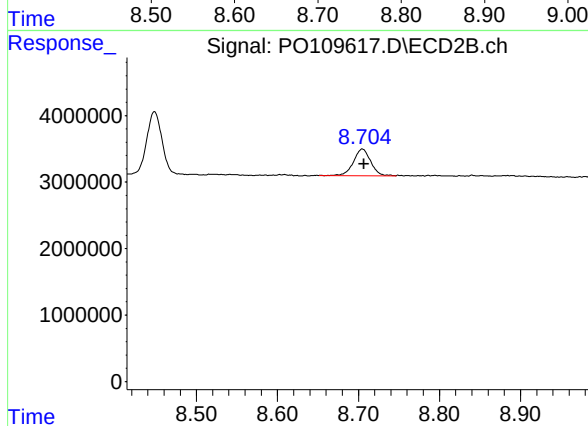
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 7573593
Conc: 1.45 ng/ml



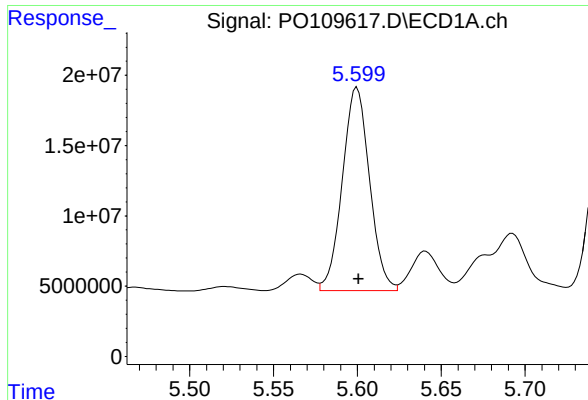
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 14456903
Conc: 1.68 ng/ml



#2 Decachlorobiphenyl

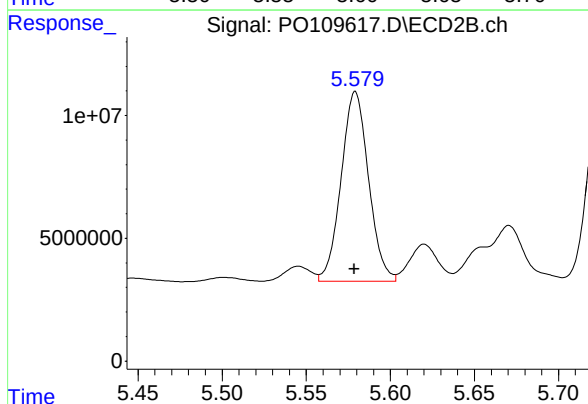
R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 5897776
Conc: 1.85 ng/ml



#26 AR-1254-1

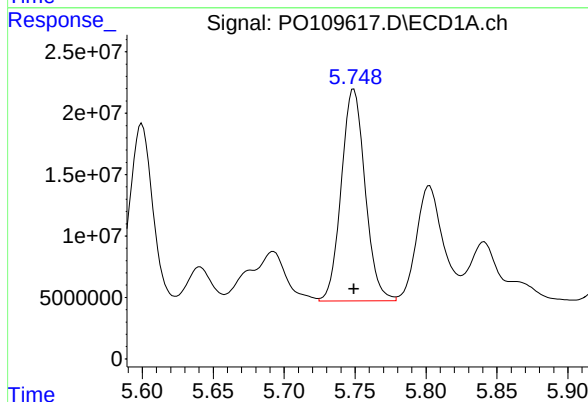
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 163410493
Conc: 316.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13ADL



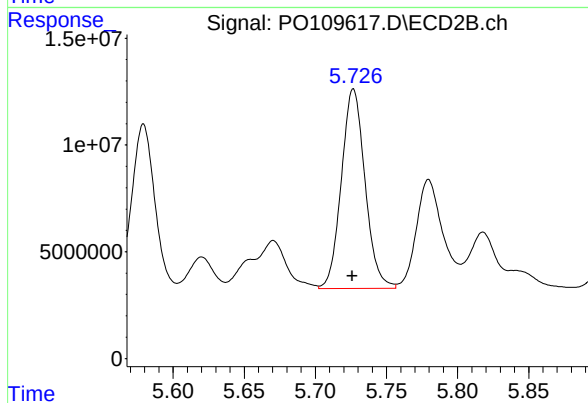
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 87691695
Conc: 335.29 ng/ml



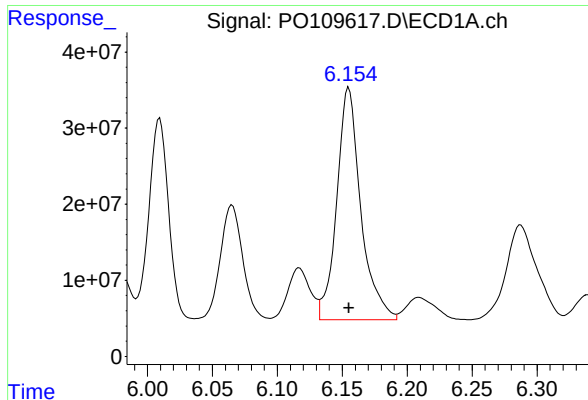
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 201556908
Conc: 447.53 ng/ml



#27 AR-1254-2

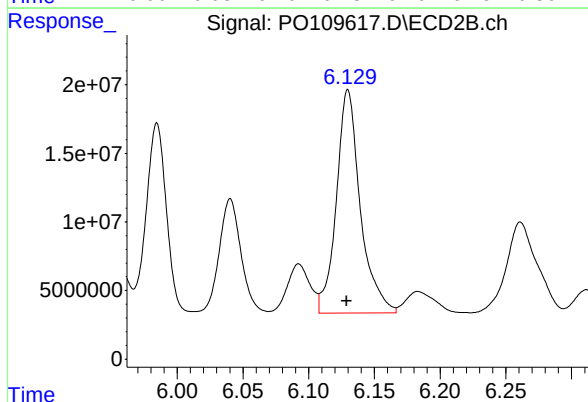
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 108460398
Conc: 462.40 ng/ml



#28 AR-1254-3

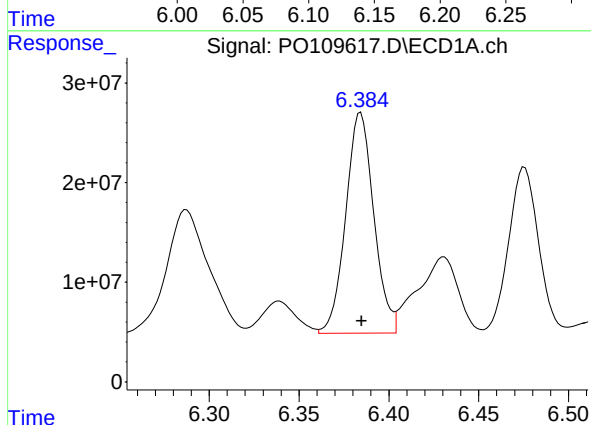
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 393747811
Conc: 549.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13ADL



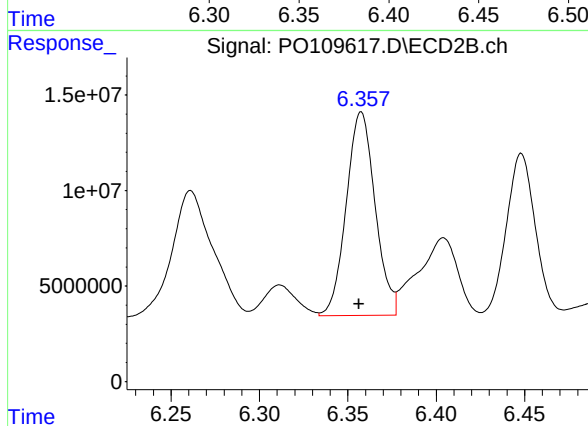
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 206470721
Conc: 578.83 ng/ml



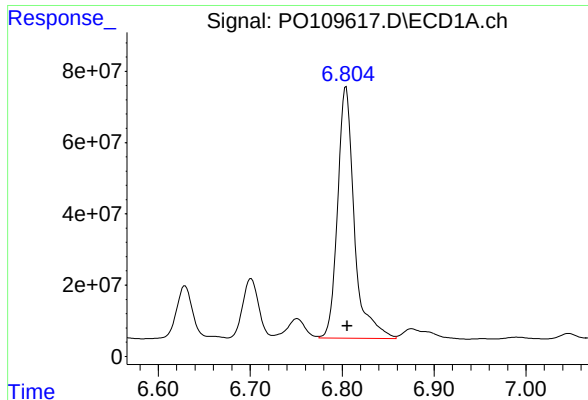
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 240732708
Conc: 574.83 ng/ml



#29 AR-1254-4

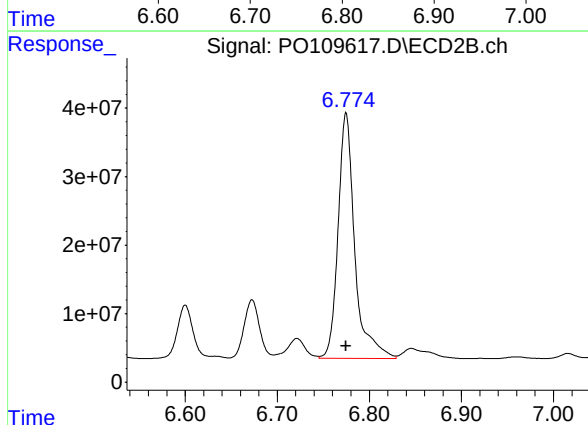
R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 121363955
Conc: 628.43 ng/ml



#30 AR-1254-5

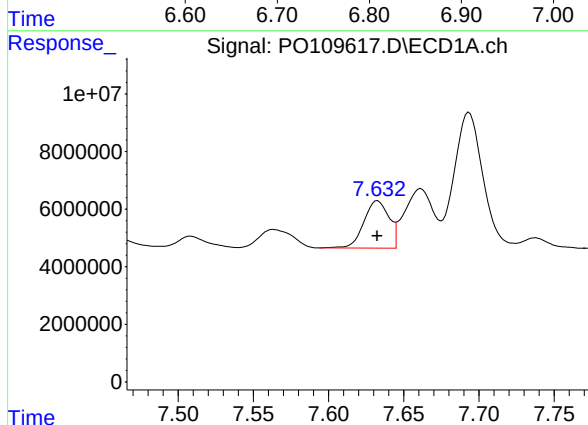
R.T.: 6.804 min
Delta R.T.: -0.001 min
Response: 892075483
Conc: 1429.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13ADL



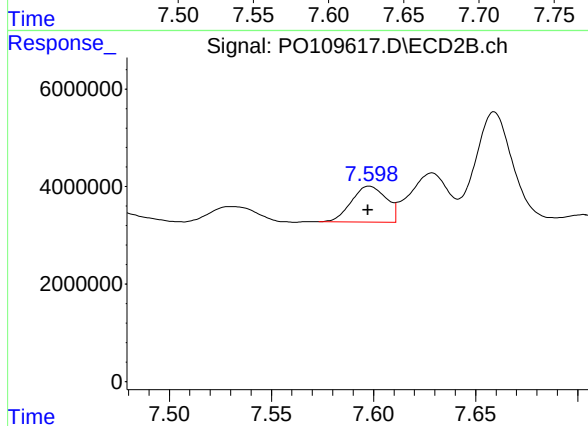
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 451824681
Conc: 1522.67 ng/ml



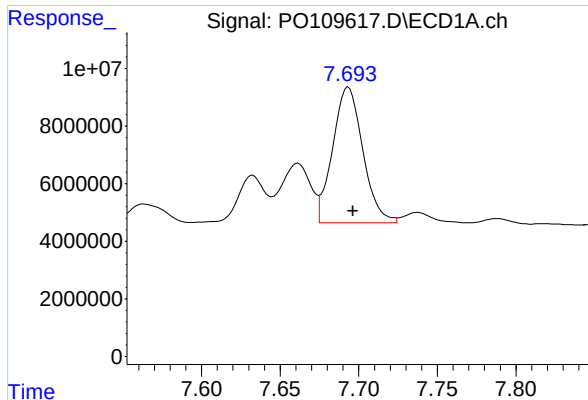
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 19160588
Conc: 14.47 ng/ml



#41 AR-1268-1

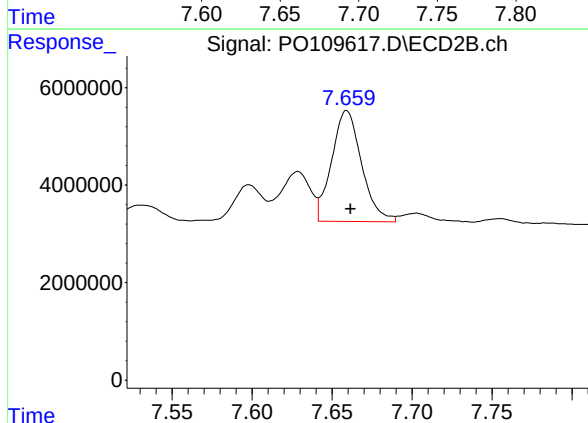
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 8745529
Conc: 15.31 ng/ml



#42 AR-1268-2

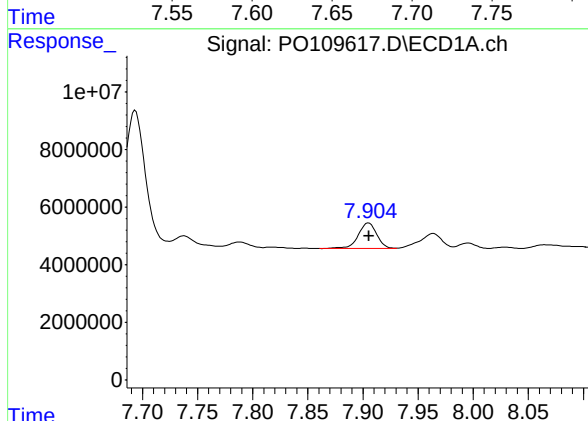
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 62850099
Conc: 51.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13ADL



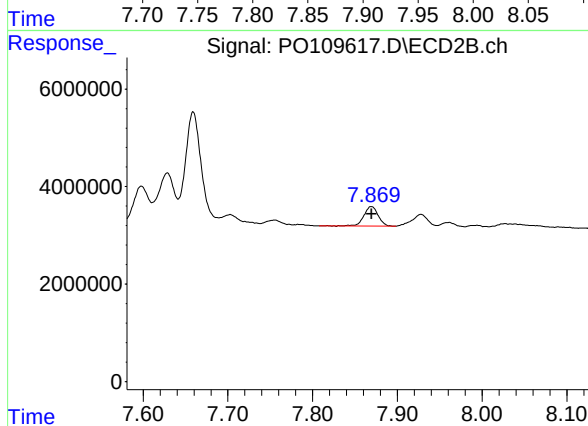
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 29600958
Conc: 56.39 ng/ml



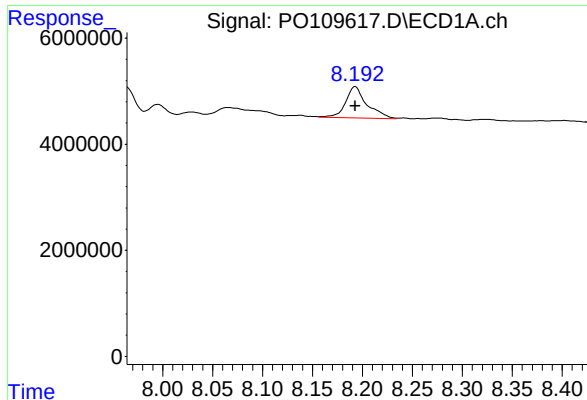
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 10236034
Conc: 10.05 ng/ml



#43 AR-1268-3

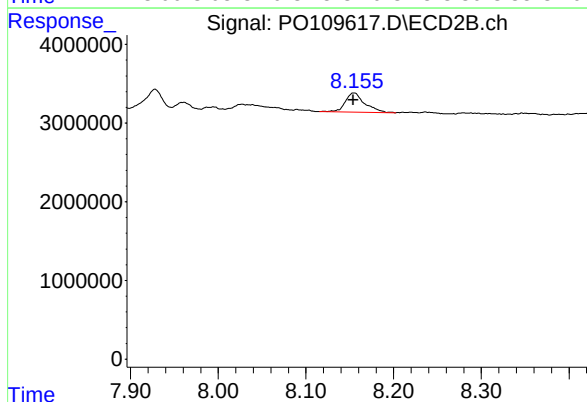
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 4753034
Conc: 11.10 ng/ml



#44 AR-1268-4

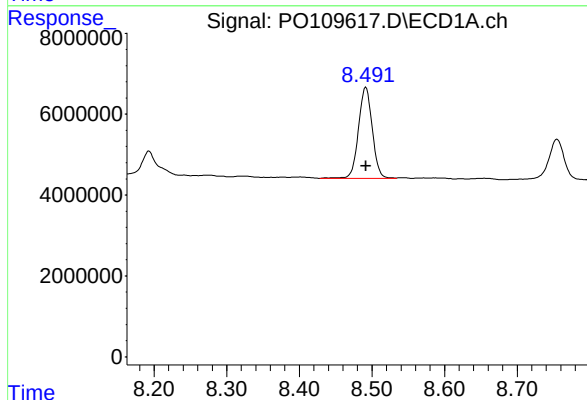
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 8685477
Conc: 20.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13ADL



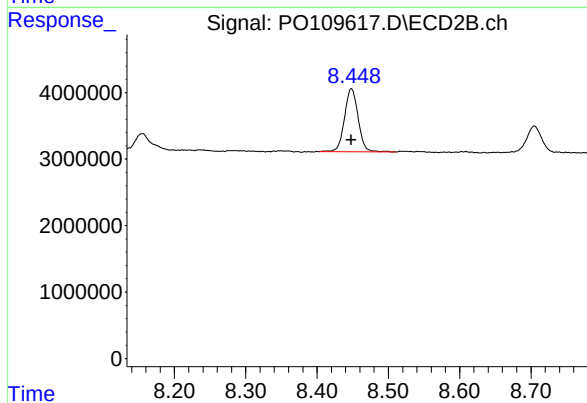
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 3777614
Conc: 23.41 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 29813125
Conc: 9.87 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 12674310
Conc: 11.59 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-13B	SDG No.:	Q1437
Lab Sample ID:	Q1437-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	71.8
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109673.D	1	03/06/25 11:40	03/06/25 20:10	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	23.6	ug/kg
11104-28-2	Aroclor-1221	8.90	U	8.90	23.6	ug/kg
11141-16-5	Aroclor-1232	4.70	U	4.70	23.6	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	23.6	ug/kg
12672-29-6	Aroclor-1248	11.0	U	11.0	23.6	ug/kg
11097-69-1	Aroclor-1254	1600	E	3.80	23.6	ug/kg
37324-23-5	Aroclor-1262	6.30	U	6.30	23.6	ug/kg
11100-14-4	Aroclor-1268	61.9		4.80	23.6	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	23.6	ug/kg
Total PCBs	Total PCBs	1700		8.60	23.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.0		32 - 175	80%	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_O\Data\PO030625\
 Data File : PO109673.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 20:10
 Operator : YP/AJ
 Sample : Q1437-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

K084-13B

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025

Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:12:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	193.7E6	112.6E6	20.468	21.503
2) SA Decachlor...	8.755	8.706	124.6E6	50826253	14.484	15.962
Target Compounds						
26) L6 AR-1254-1	5.600	5.579	720.3E6	398.8E6	1397.046	1524.767
27) L6 AR-1254-2	5.749	5.727	936.0E6	515.6E6	2078.243	2198.158
28) L6 AR-1254-3	6.156	6.130	1746.6E6	951.7E6	2439.592	2668.113
29) L6 AR-1254-4	6.385	6.358	1059.2E6	544.1E6	2529.139	2817.313
30) L6 AR-1254-5	6.804	6.775	4776.2E6	2542.3E6	7655.314	8567.647
41) L9 AR-1268-1	7.633	7.598	143.6E6	64765143	108.459	113.342m
42) L9 AR-1268-2	7.694	7.660	294.7E6	130.0E6	243.734	247.587
43) L9 AR-1268-3	7.905	7.870	76521192	35004174	75.155	81.777
44) L9 AR-1268-4	8.193	8.155	54704474	23687400	128.759	146.821
45) L9 AR-1268-5	8.492	8.449	208.6E6	86452912	69.095	79.086

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109673.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 20:10
Operator : YP/AJ
Sample : Q1437-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

K084-13B

Manual Integrations

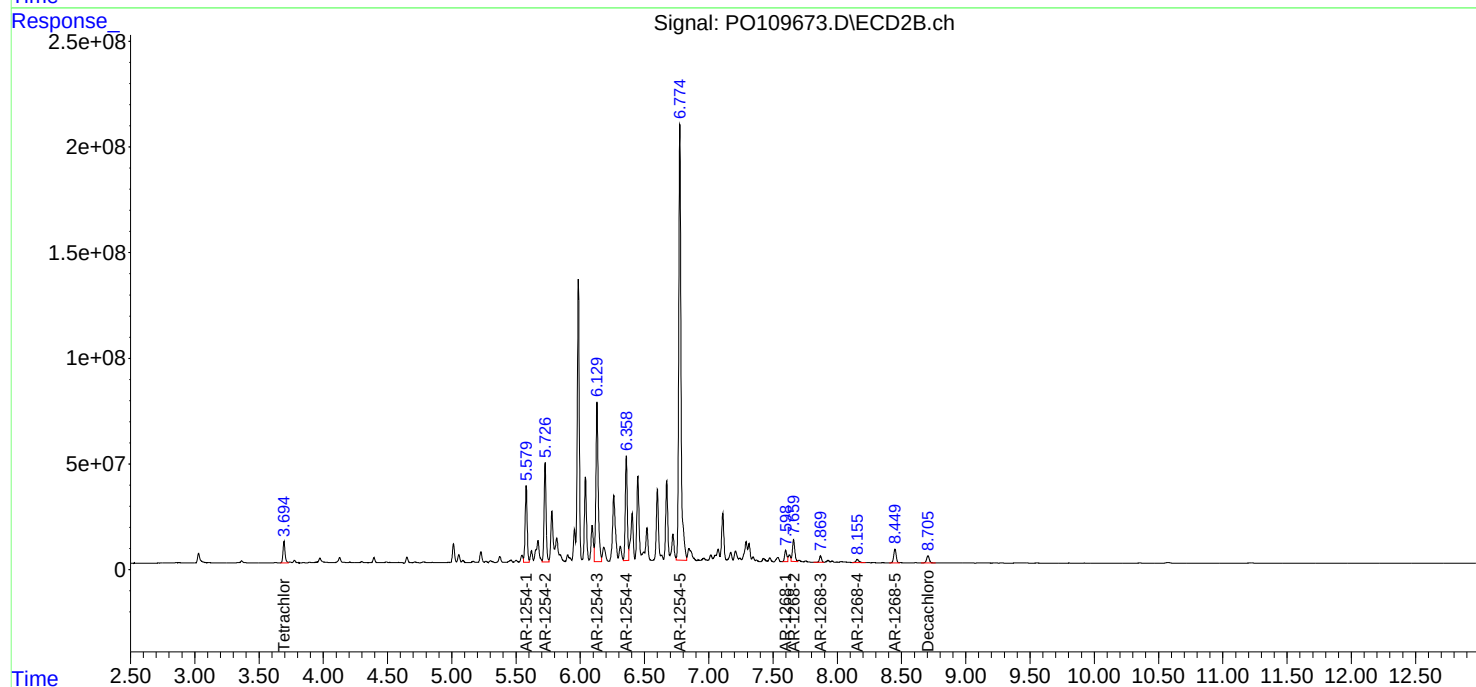
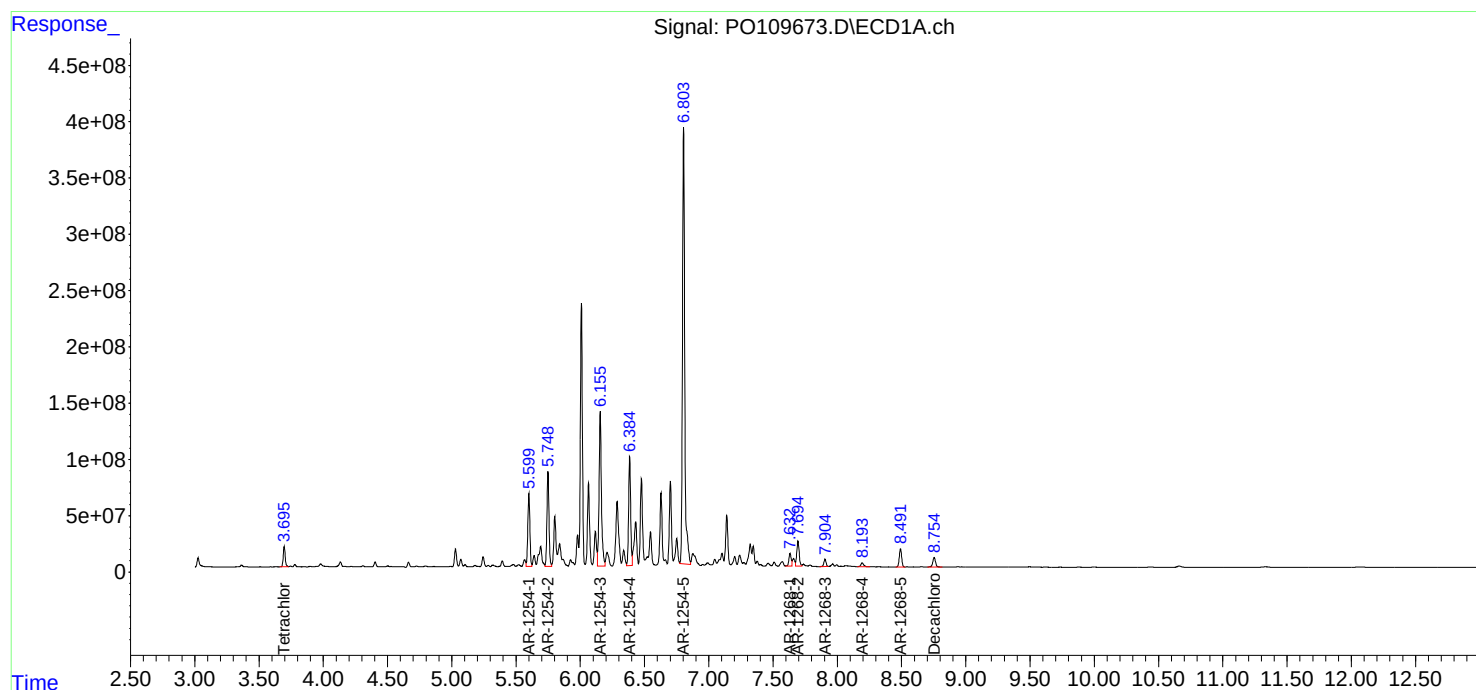
APPROVED

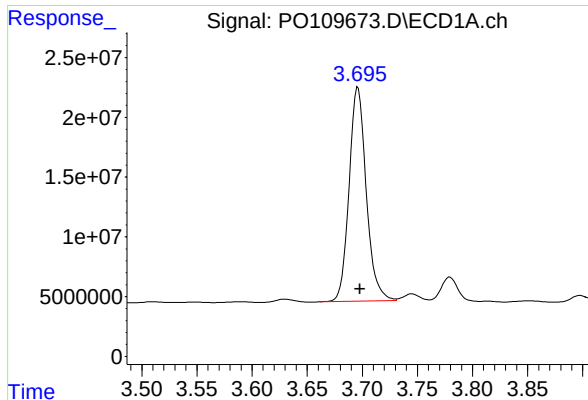
Reviewed By :Yogesh Patel 03/07/2025

Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:12:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





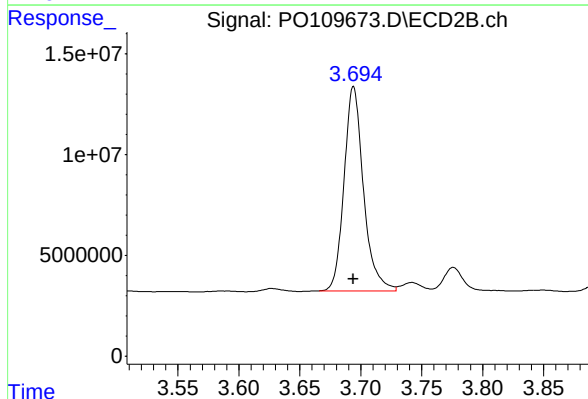
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
 Delta R.T.: -0.002 min
 Response: 193730361
 Conc: 20.47 ng/ml

Instrument :
 ECD_O
 ClientSampleId :
 K084-13B

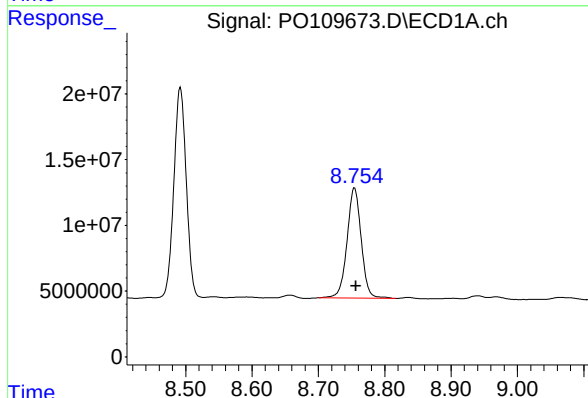
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025



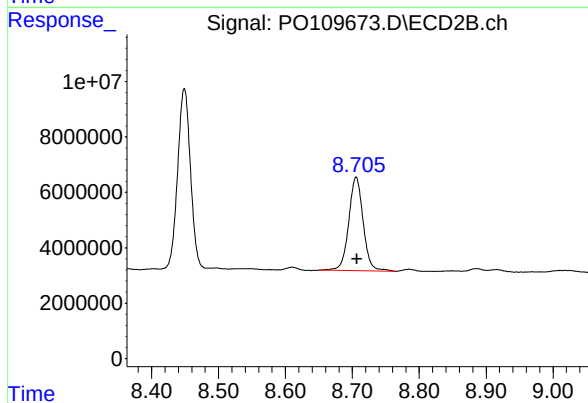
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
 Delta R.T.: 0.000 min
 Response: 112551706
 Conc: 21.50 ng/ml



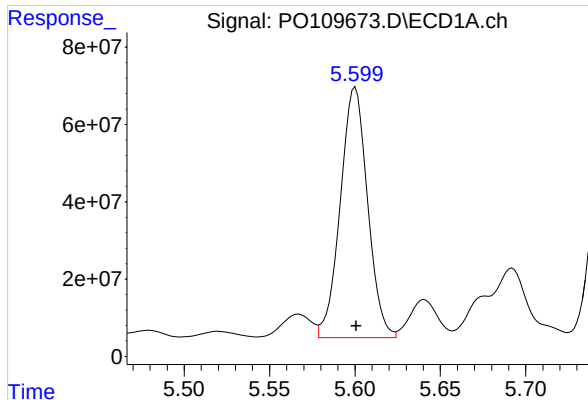
#2 Decachlorobiphenyl

R.T.: 8.755 min
 Delta R.T.: -0.002 min
 Response: 124590732
 Conc: 14.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
 Delta R.T.: -0.001 min
 Response: 50826253
 Conc: 15.96 ng/ml



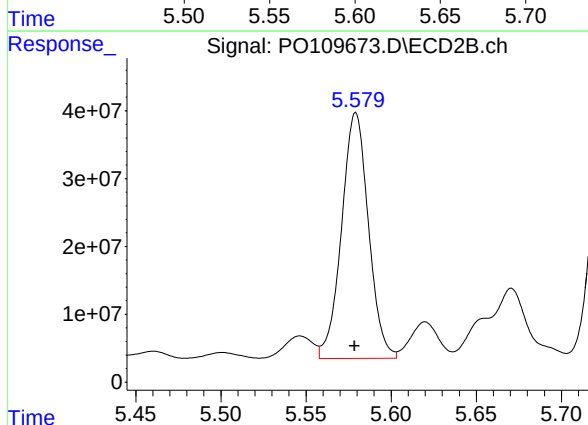
#26 AR-1254-1

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 720326195
Conc: 1397.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13B

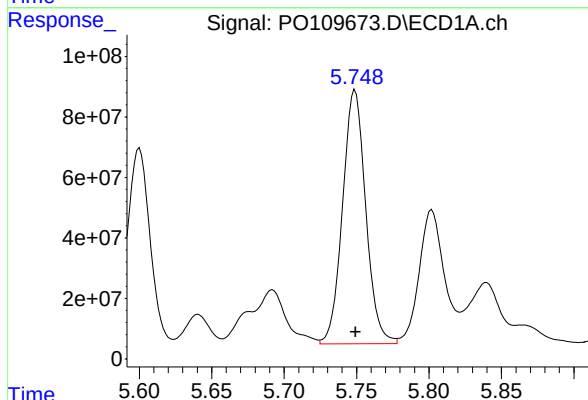
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



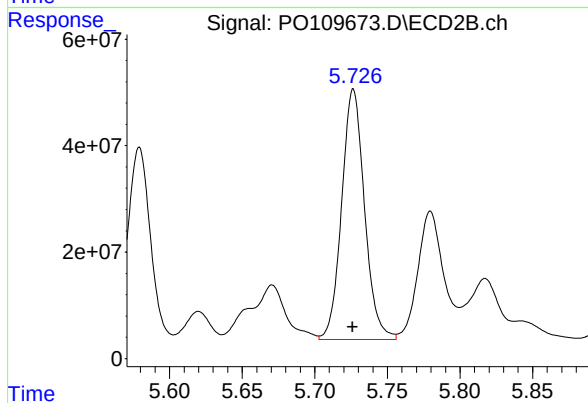
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 398784938
Conc: 1524.77 ng/ml



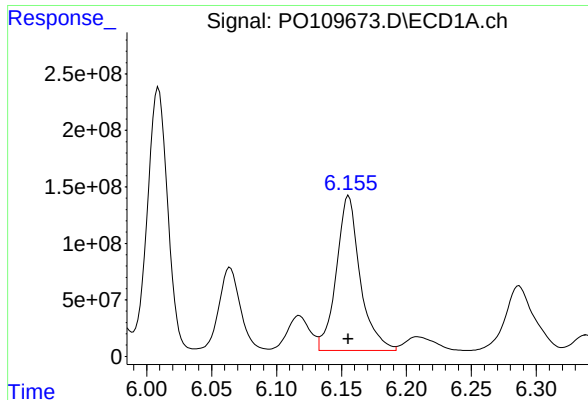
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 935987760
Conc: 2078.24 ng/ml



#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 515603060
Conc: 2198.16 ng/ml



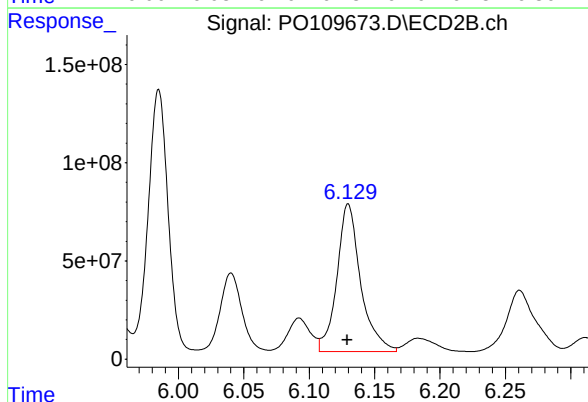
#28 AR-1254-3

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 1746638912
Conc: 2439.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13B

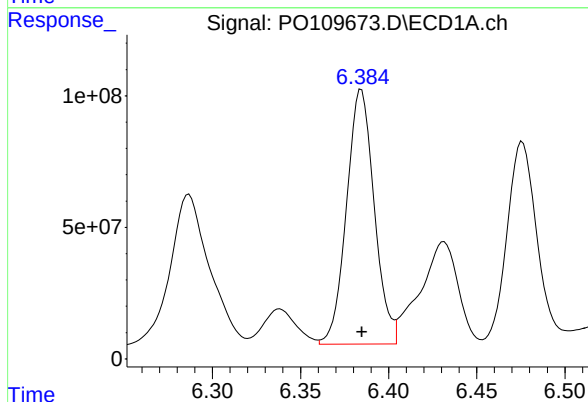
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



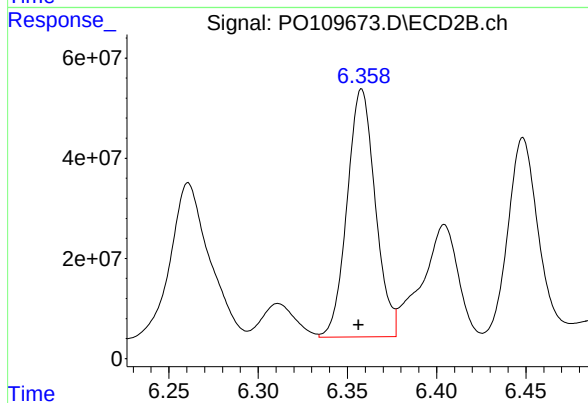
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 951728190
Conc: 2668.11 ng/ml



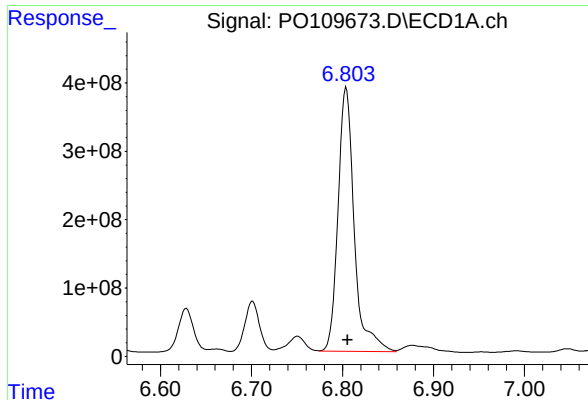
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 1059181731
Conc: 2529.14 ng/ml



#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 544089109
Conc: 2817.31 ng/ml



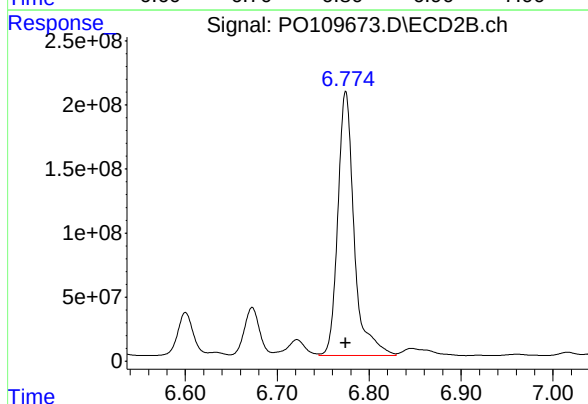
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.001 min
Response: 4776173173
Conc: 7655.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13B

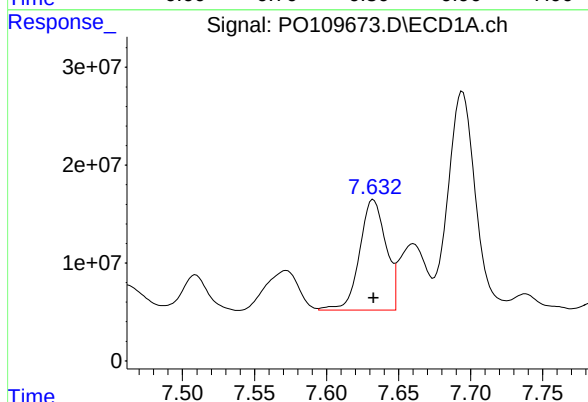
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



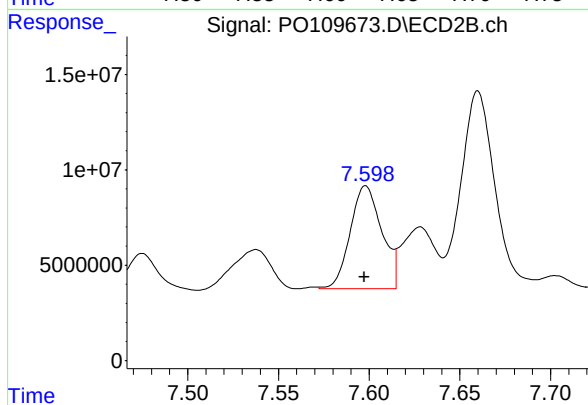
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 2542297020
Conc: 8567.65 ng/ml



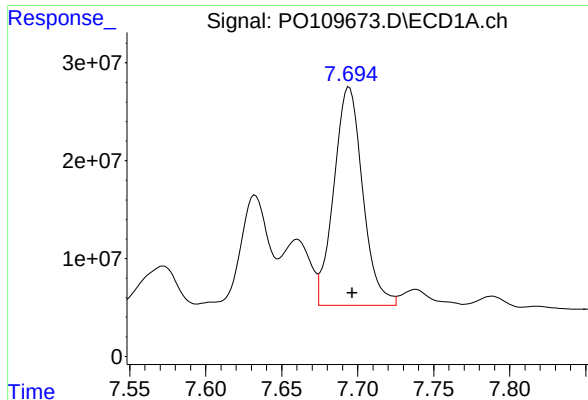
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 143622743
Conc: 108.46 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 64765143
Conc: 113.34 ng/ml m



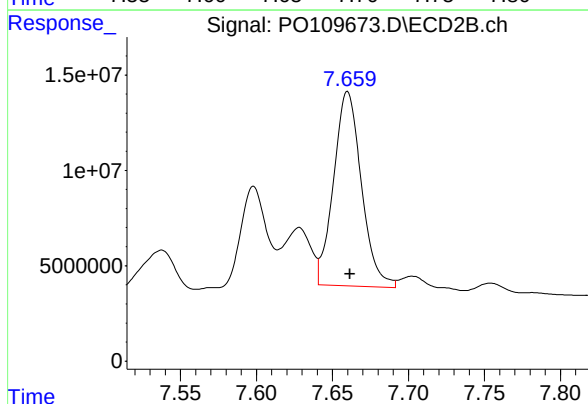
#42 AR-1268-2

R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 294700628
Conc: 243.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13B

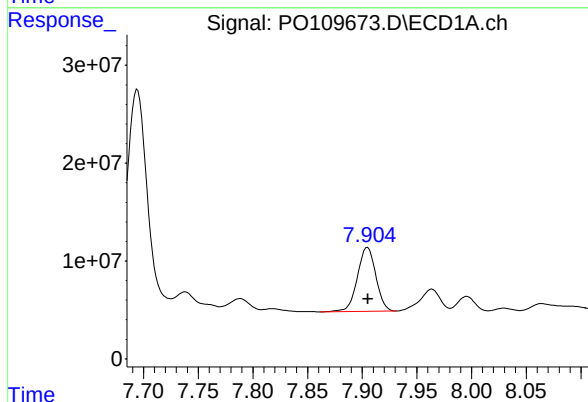
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



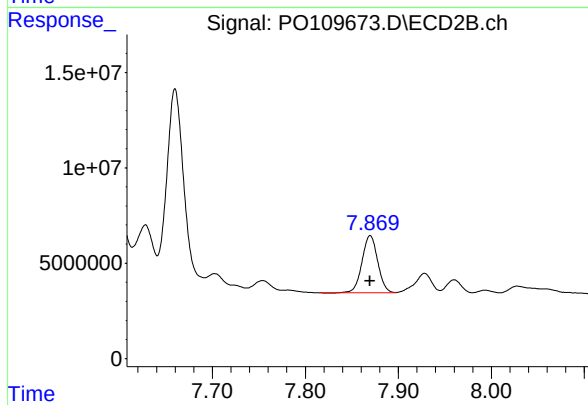
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 129969151
Conc: 247.59 ng/ml



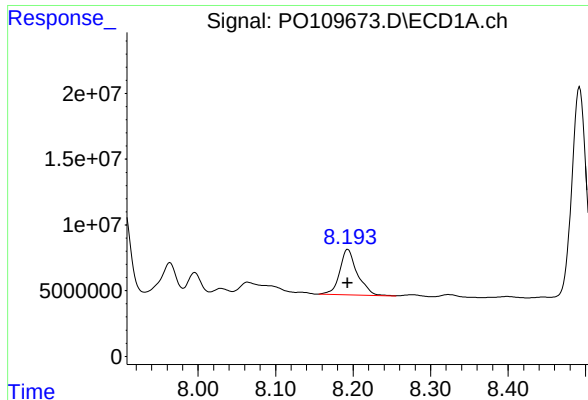
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 76521192
Conc: 75.16 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 35004174
Conc: 81.78 ng/ml



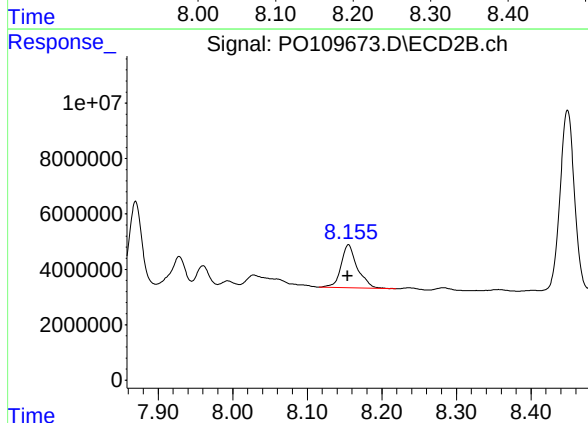
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 54704474
Conc: 128.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13B

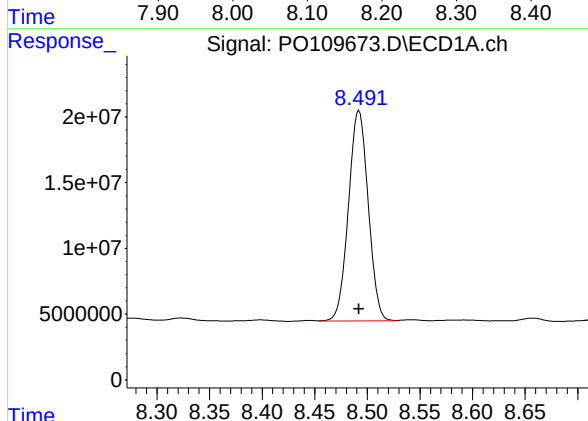
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



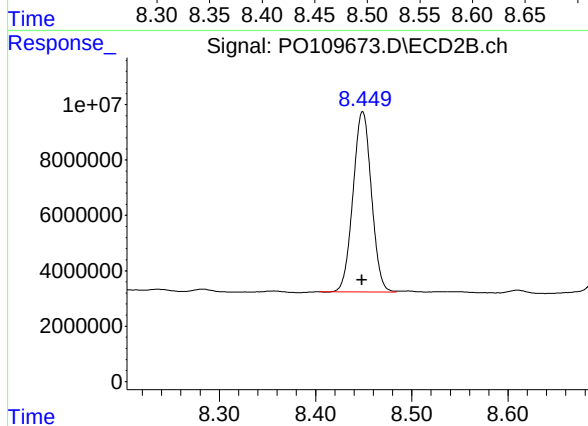
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 23687400
Conc: 146.82 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 208641658
Conc: 69.09 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 86452912
Conc: 79.09 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-13BDL	SDG No.:	Q1437
Lab Sample ID:	Q1437-07DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	71.8
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109700.D	5	03/06/25 11:40	03/07/25 09:36	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	23.5	UD	23.5	118	ug/kg
11104-28-2	Aroclor-1221	44.5	UD	44.5	118	ug/kg
11141-16-5	Aroclor-1232	23.6	UD	23.6	118	ug/kg
53469-21-9	Aroclor-1242	23.5	UD	23.5	118	ug/kg
12672-29-6	Aroclor-1248	54.8	UD	54.8	118	ug/kg
11097-69-1	Aroclor-1254	1900	D	19.0	118	ug/kg
37324-23-5	Aroclor-1262	31.7	UD	31.7	118	ug/kg
11100-14-4	Aroclor-1268	80.1	JD	23.8	118	ug/kg
11096-82-5	Aroclor-1260	20.2	UD	20.2	118	ug/kg
Total PCBs	Total PCBs	1900	D	42.8	118	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.8		32 - 144	124%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		32 - 175	103%	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_O\Data\P0030725\
 Data File : P0109700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 09:36
 Operator : YP/AJ
 Sample : Q1437-07DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K084-13BDL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 12:43:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.692	46210941	25931787	4.882	4.954
2) SA Decachlor...	8.755	8.705	32183331	13112934	3.741	4.118
Target Compounds						
26) L6 AR-1254-1	5.601	5.578	186.8E6	99645519	362.266	380.998
27) L6 AR-1254-2	5.749	5.726	235.9E6	126.7E6	523.788	540.055
28) L6 AR-1254-3	6.155	6.129	423.7E6	222.5E6	591.739	623.775
29) L6 AR-1254-4	6.385	6.356	256.8E6	128.2E6	613.231	664.032
30) L6 AR-1254-5	6.804	6.773	1016.5E6	531.5E6	1629.204	1791.110
41) L9 AR-1268-1	7.632	7.597	37367049	16742407	28.218	29.300
42) L9 AR-1268-2	7.694	7.658	74267089	34515482	61.423	65.751
43) L9 AR-1268-3	7.904	7.869	19662454	9132806	19.311	21.336
44) L9 AR-1268-4	8.194	8.153	13224215	5731000	31.126	35.522
45) L9 AR-1268-5	8.493	8.447	53899335	23045011	17.850	21.081

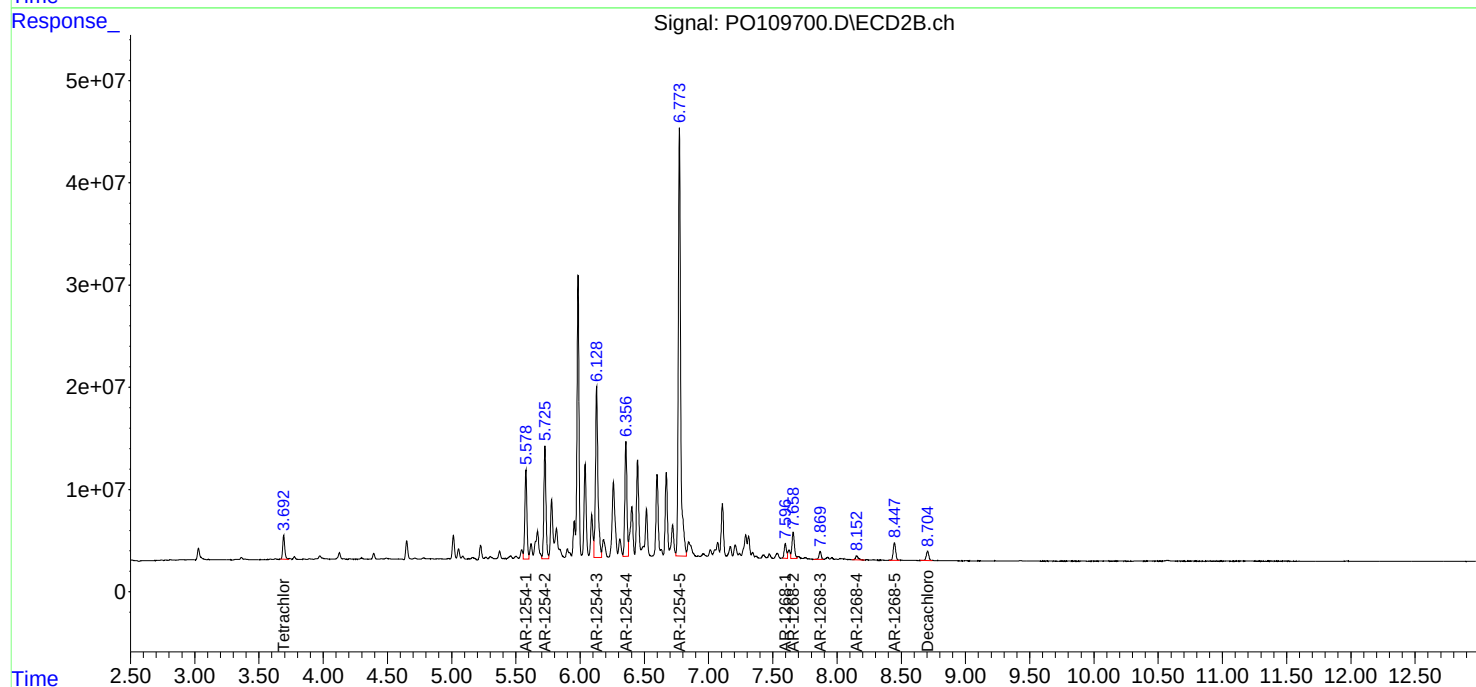
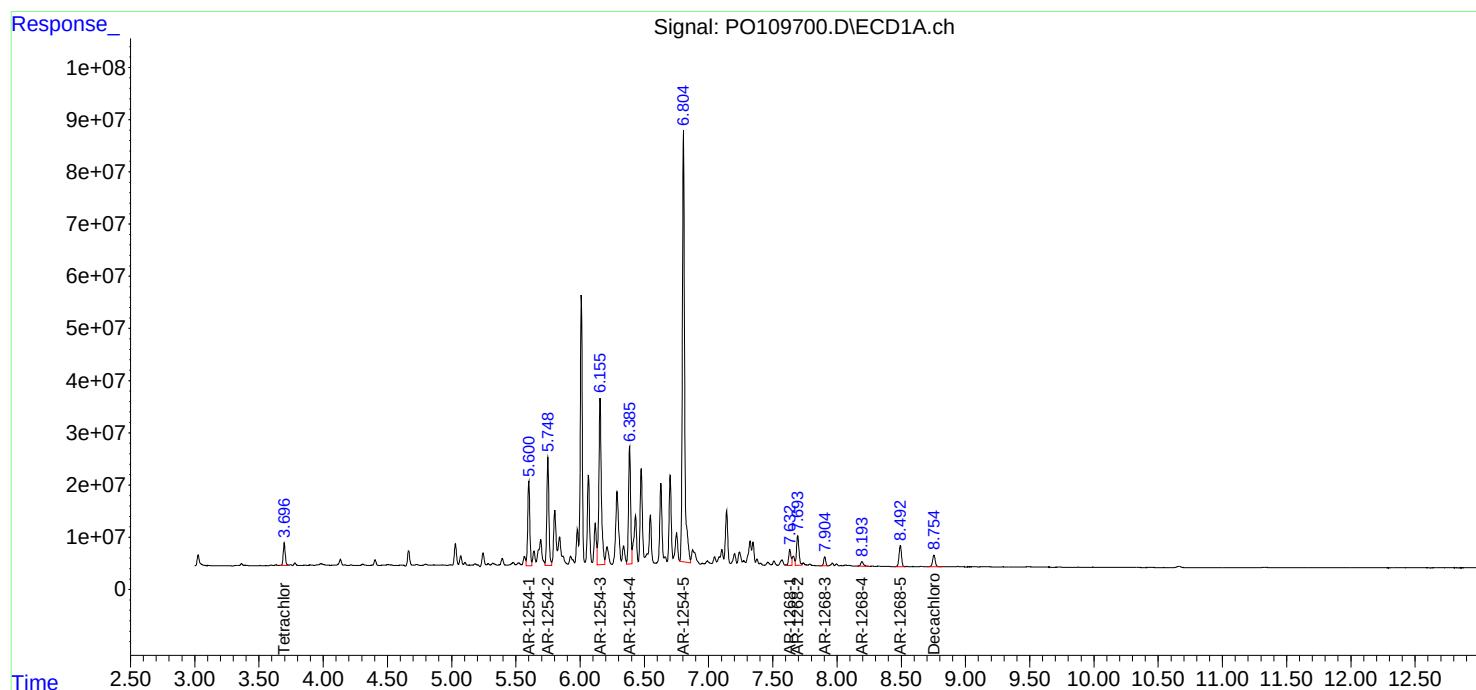
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

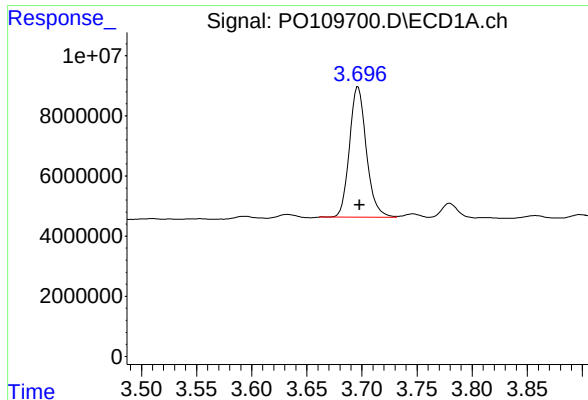
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109700.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:36
Operator : YP/AJ
Sample : Q1437-07DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-13BDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:43:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

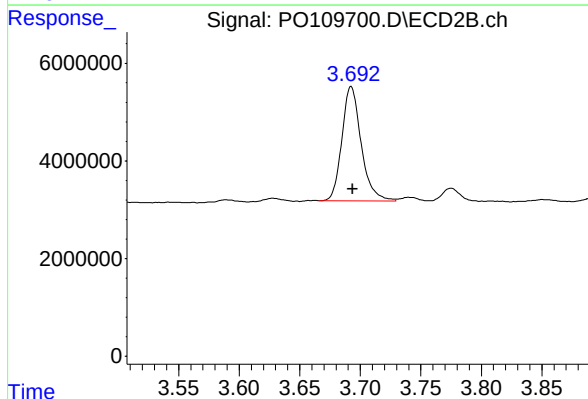




#1 Tetrachloro-m-xylene

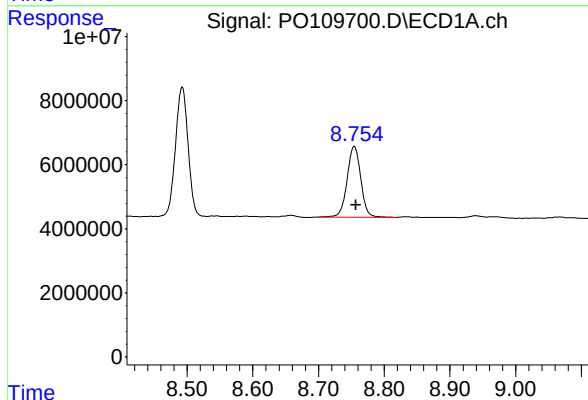
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 46210941
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13BDL



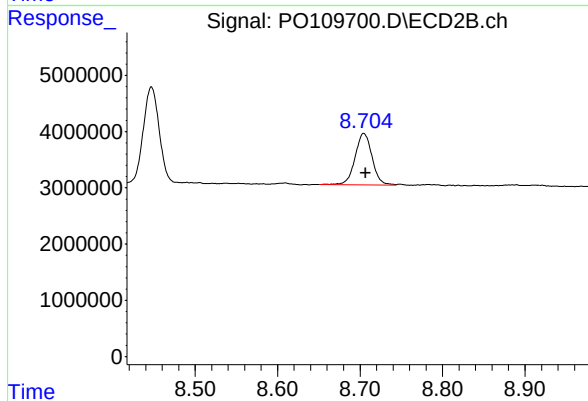
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: -0.001 min
Response: 25931787
Conc: 4.95 ng/ml



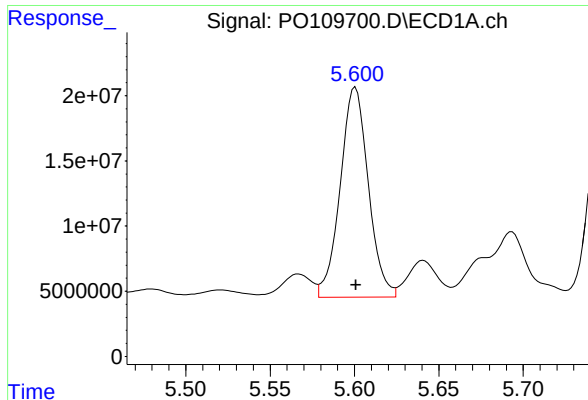
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 32183331
Conc: 3.74 ng/ml



#2 Decachlorobiphenyl

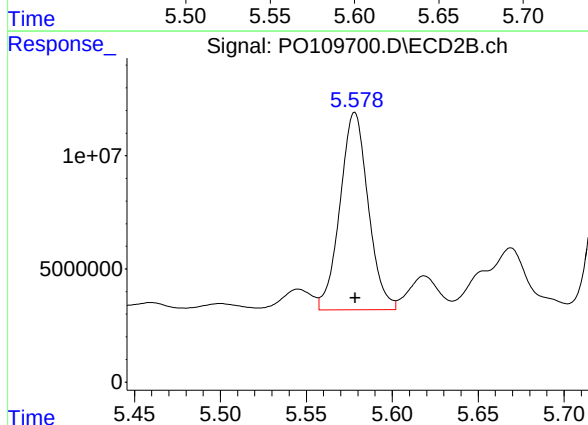
R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 13112934
Conc: 4.12 ng/ml



#26 AR-1254-1

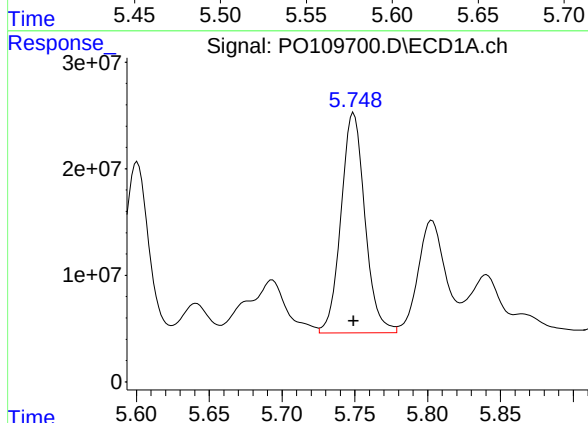
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 186786917
Conc: 362.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13BDL



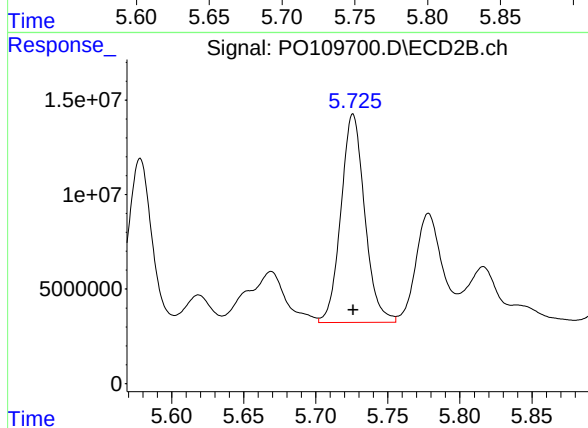
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 99645519
Conc: 381.00 ng/ml



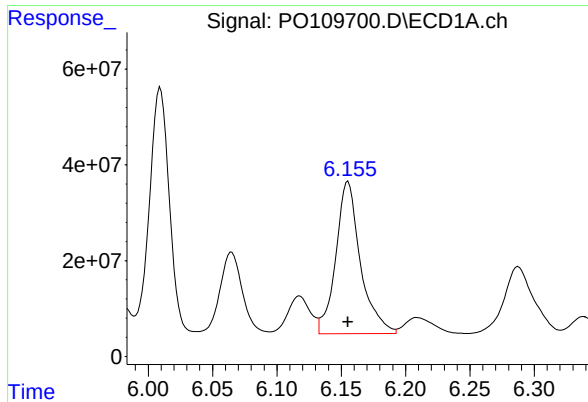
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 235900835
Conc: 523.79 ng/ml



#27 AR-1254-2

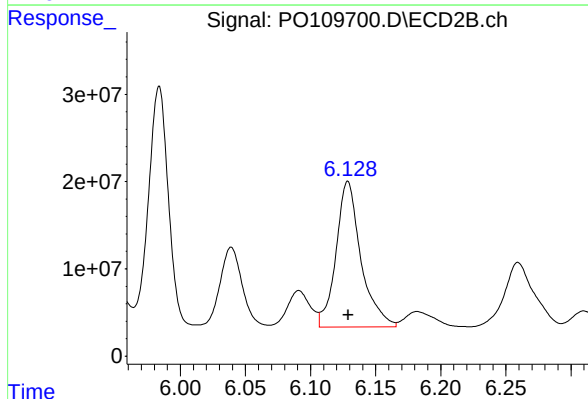
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 126676193
Conc: 540.06 ng/ml



#28 AR-1254-3

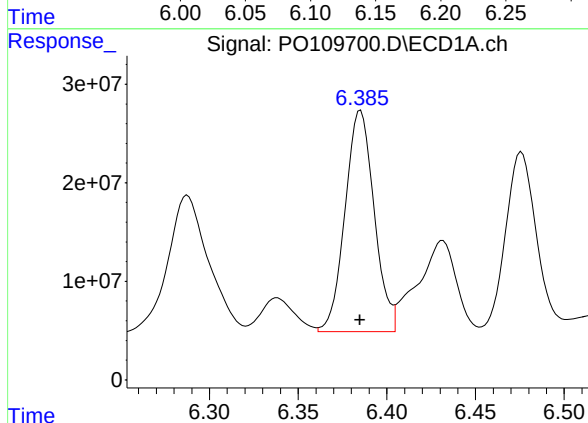
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 423658931
Conc: 591.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13BDL



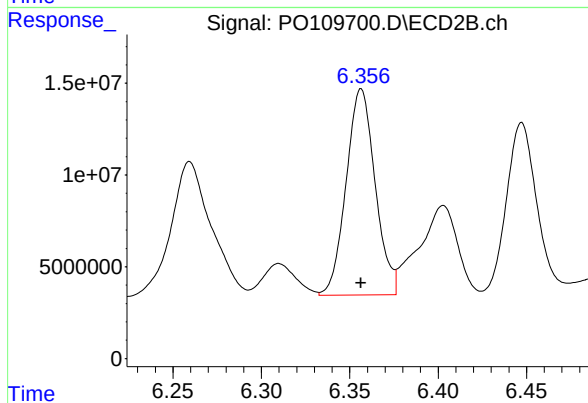
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 222503545
Conc: 623.78 ng/ml



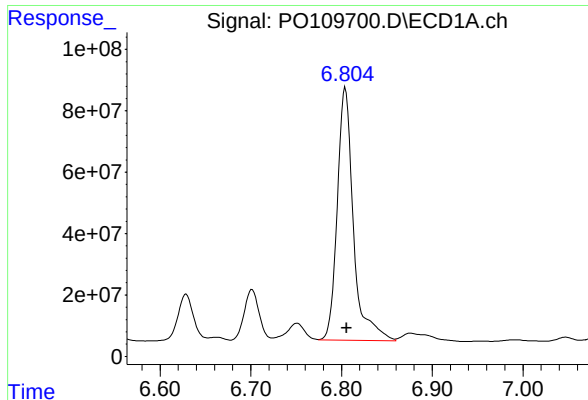
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 256815811
Conc: 613.23 ng/ml



#29 AR-1254-4

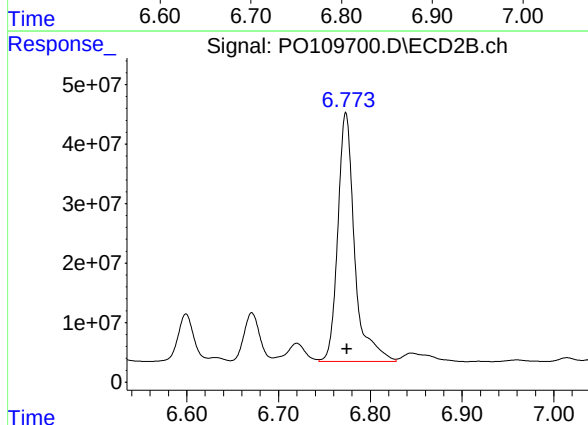
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 128240203
Conc: 664.03 ng/ml



#30 AR-1254-5

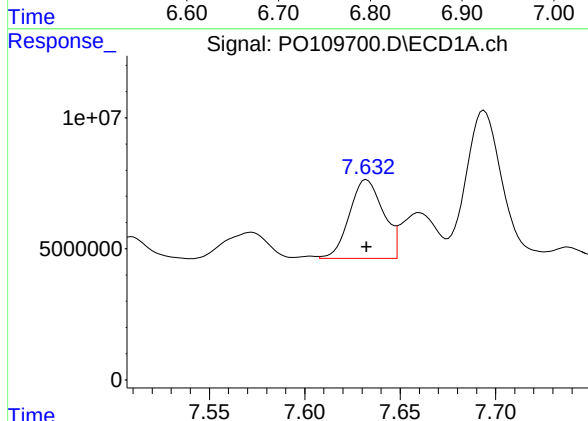
R.T.: 6.804 min
Delta R.T.: -0.001 min
Response: 1016465256
Conc: 1629.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13BDL



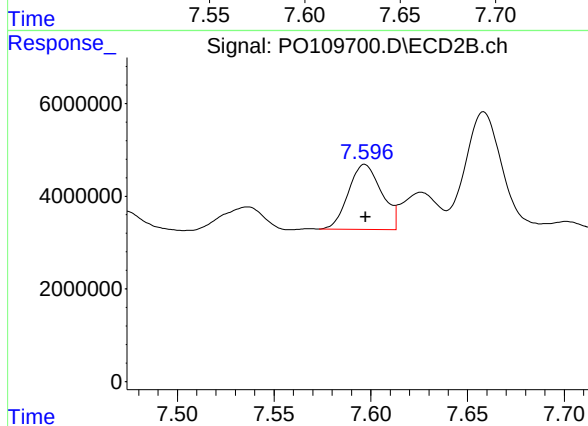
#30 AR-1254-5

R.T.: 6.773 min
Delta R.T.: -0.001 min
Response: 531480024
Conc: 1791.11 ng/ml



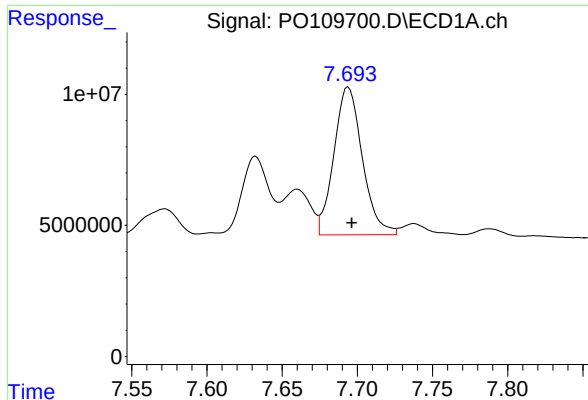
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 37367049
Conc: 28.22 ng/ml



#41 AR-1268-1

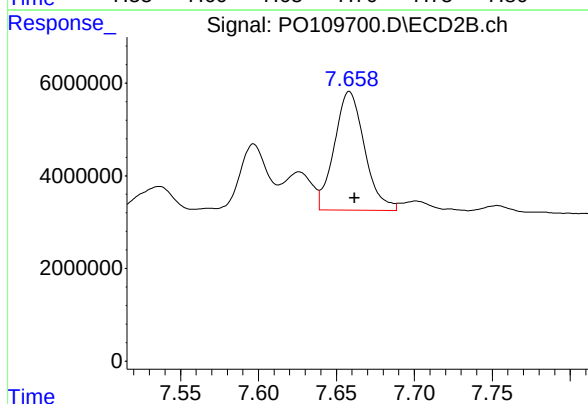
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 16742407
Conc: 29.30 ng/ml



#42 AR-1268-2

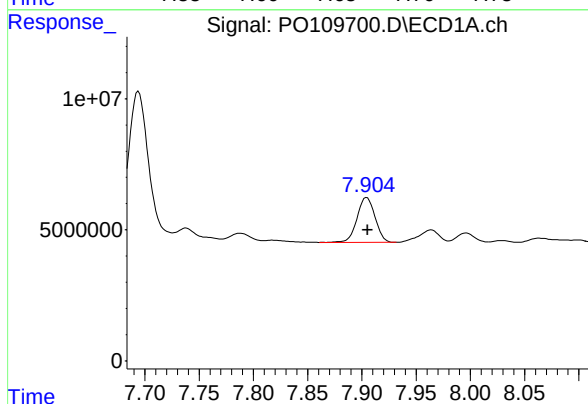
R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 74267089
Conc: 61.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13BDL



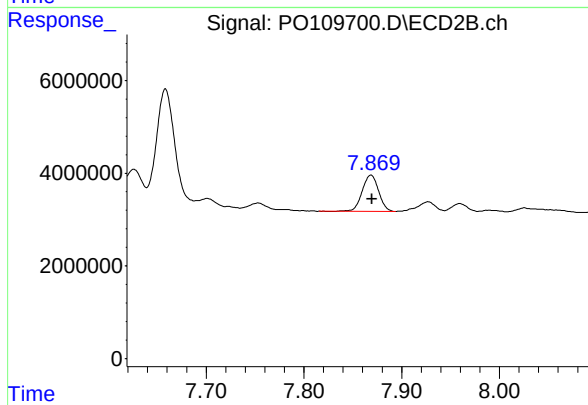
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: -0.003 min
Response: 34515482
Conc: 65.75 ng/ml



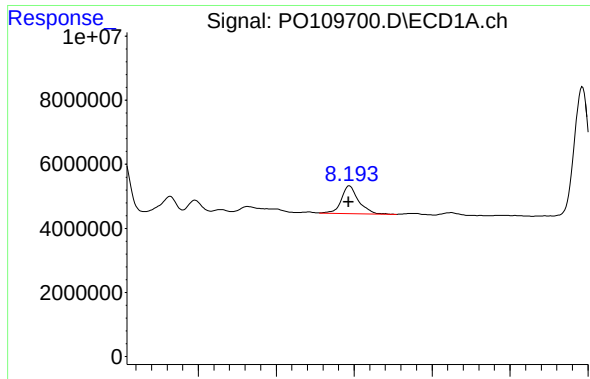
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.001 min
Response: 19662454
Conc: 19.31 ng/ml



#43 AR-1268-3

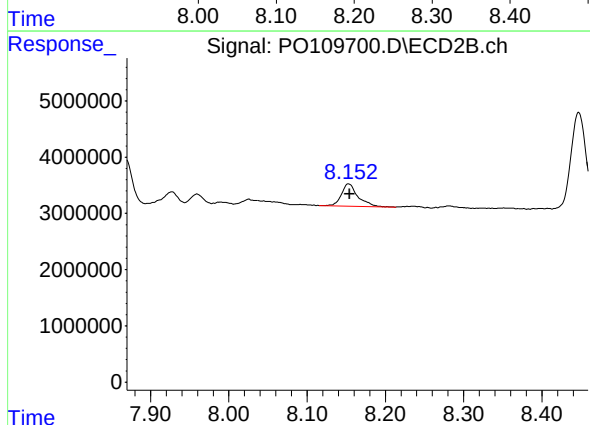
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 9132806
Conc: 21.34 ng/ml



#44 AR-1268-4

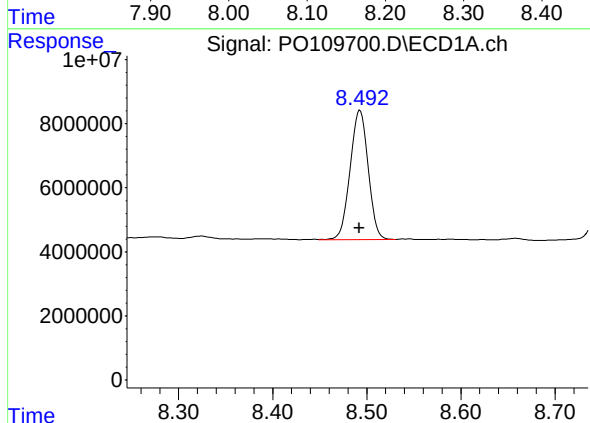
R.T.: 8.194 min
Delta R.T.: 0.001 min
Response: 13224215
Conc: 31.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-13BDL



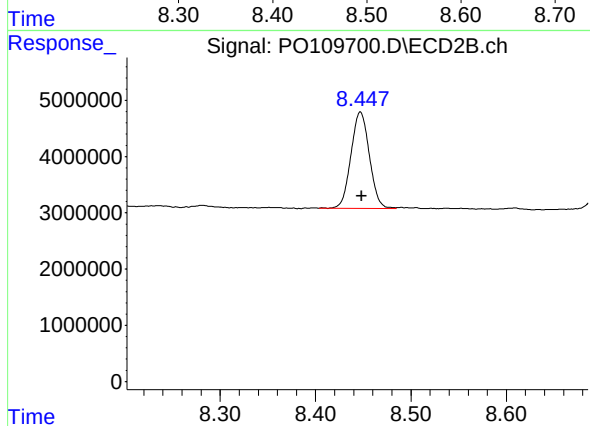
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 5731000
Conc: 35.52 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 53899335
Conc: 17.85 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.001 min
Response: 23045011
Conc: 21.08 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-13C	SDG No.:	Q1437
Lab Sample ID:	Q1437-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	68.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070358.D	1	03/07/25 08:25	03/07/25 14:46	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	24.8	ug/kg
11104-28-2	Aroclor-1221	9.30	U	9.30	24.8	ug/kg
11141-16-5	Aroclor-1232	5.00	U	5.00	24.8	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	24.8	ug/kg
12672-29-6	Aroclor-1248	11.5	U	11.5	24.8	ug/kg
11097-69-1	Aroclor-1254	406		4.00	24.8	ug/kg
37324-23-5	Aroclor-1262	6.70	U	6.70	24.8	ug/kg
11100-14-4	Aroclor-1268	25.2		5.00	24.8	ug/kg
11096-82-5	Aroclor-1260	4.20	U	4.20	24.8	ug/kg
Total PCBs	Total PCBs	432		9.00	24.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.6		32 - 144	128%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		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\PP030725\
 Data File : PP070358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 14:46
 Operator : YP\AJ
 Sample : Q1437-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 K084-13C

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:15:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.521	3.828	37501066	23435256	25.552m	24.513
2)	SA Decachlor...	10.252	8.883	20301893	20044043	17.824	18.489
Target Compounds							
26)	L6 AR-1254-1	6.525	5.723	17219044	15796497	303.685	289.476
27)	L6 AR-1254-2	6.742	5.872	32797032	22073898	374.030	452.839
28)	L6 AR-1254-3	7.105	6.276	44603058	40912764	500.447	539.628
29)	L6 AR-1254-4	7.388	6.504	38242694	28175834	513.248	547.529m
30)	L6 AR-1254-5	7.821	6.922	167.3E6	137.1E6	2491.633	2029.150
41)	L9 AR-1268-1	8.747	7.747	13457311	9070437	70.056	54.724
42)	L9 AR-1268-2	8.836	7.810	7884831	12540929	47.618	86.464 #
43)	L9 AR-1268-3	9.070	8.018	3999975	3988723	27.874	32.570
44)	L9 AR-1268-4	9.488	8.312	2375503	2861190	37.677	53.797 #
45)	L9 AR-1268-5	9.907	8.616	12156614	11200620	29.228	31.532

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 14:46
Operator : YP\AJ
Sample : Q1437-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

K084-13C

Manual Integrations

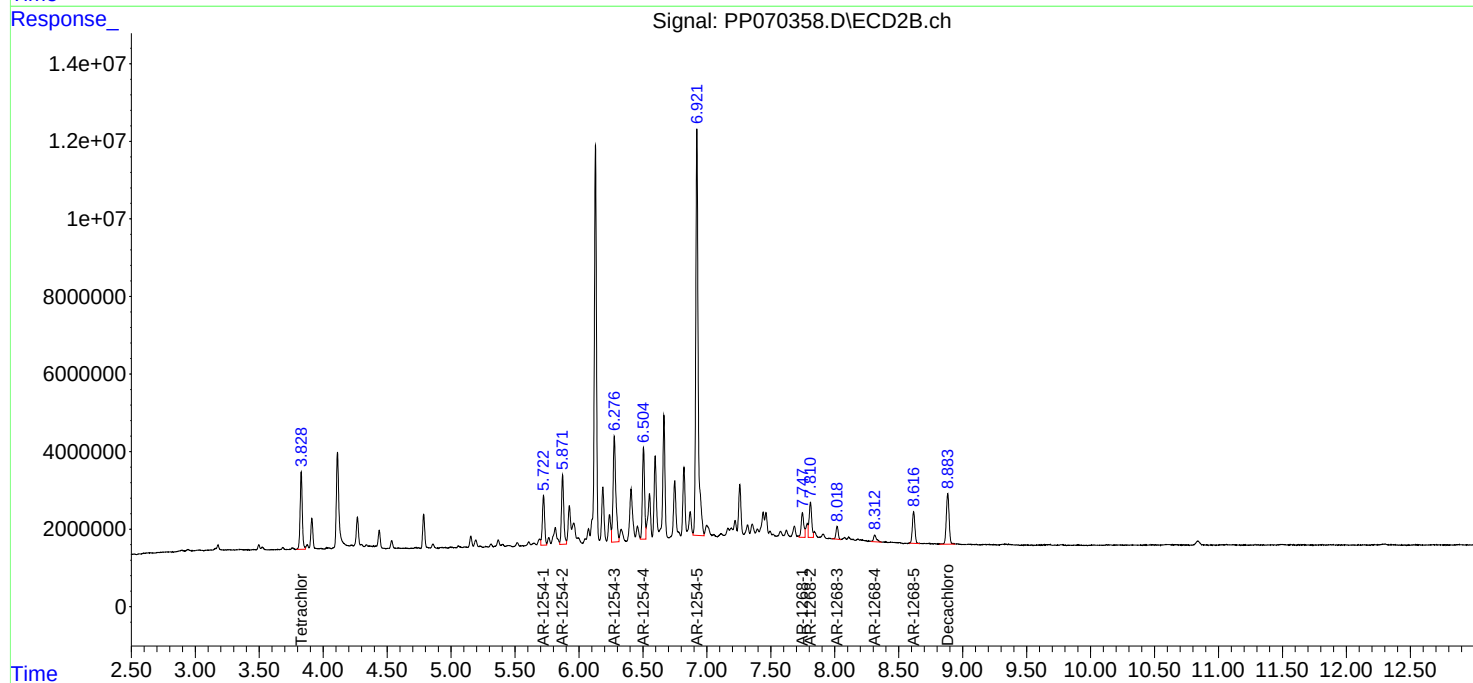
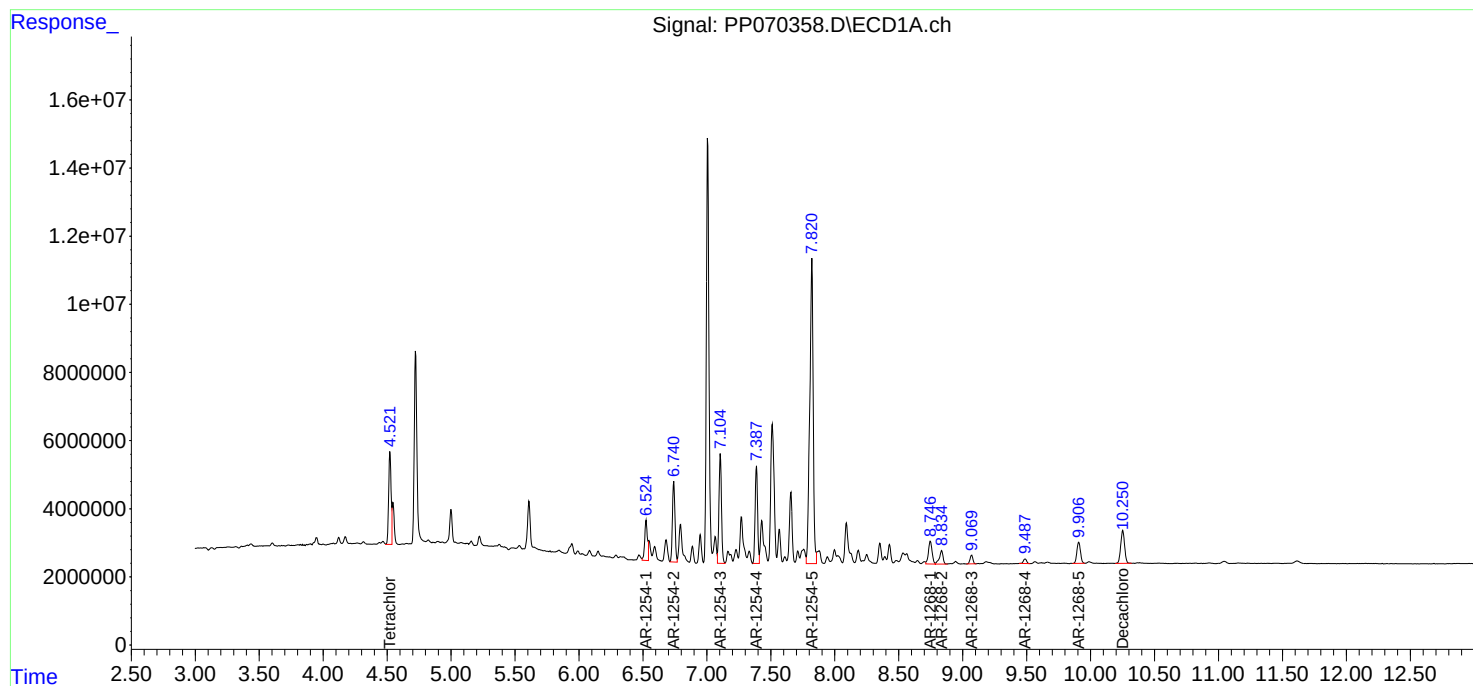
APPROVED

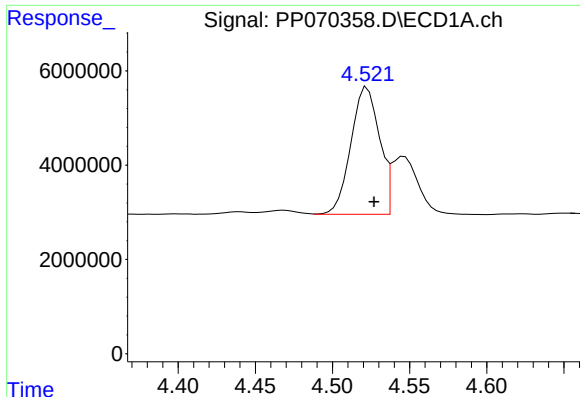
Reviewed By :Yogesh Patel 03/10/2025

Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:15:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





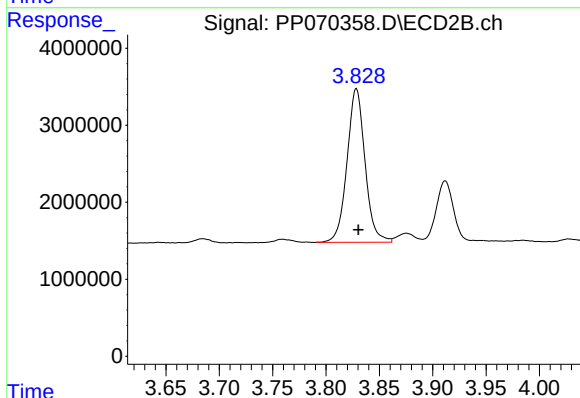
#1 Tetrachloro-m-xylene

R.T.: 4.521 min
Delta R.T.: -0.006 min
Response: 37501066
Conc: 25.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-13C

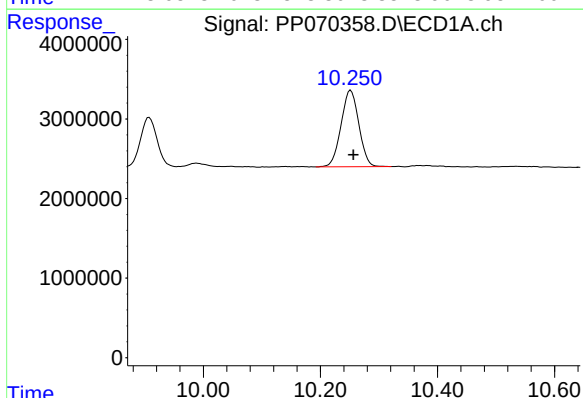
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



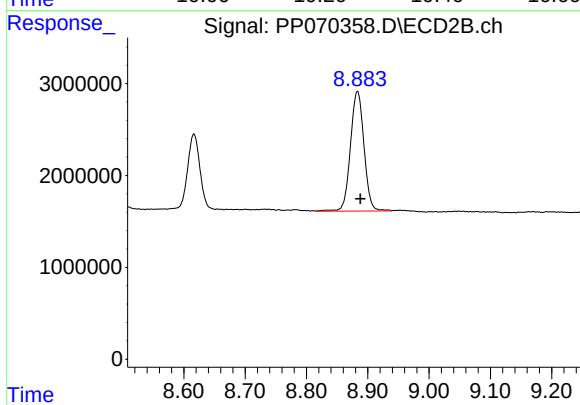
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 23435256
Conc: 24.51 ng/ml



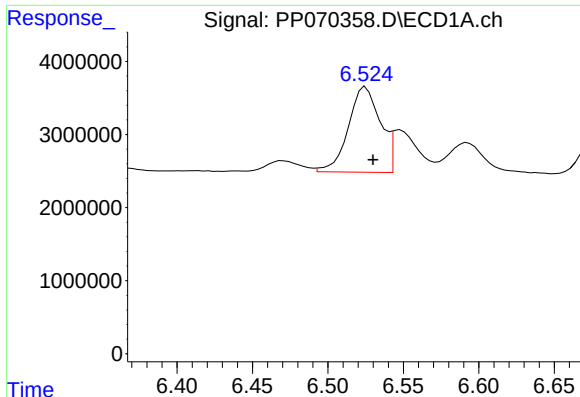
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.004 min
Response: 20301893
Conc: 17.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 20044043
Conc: 18.49 ng/ml



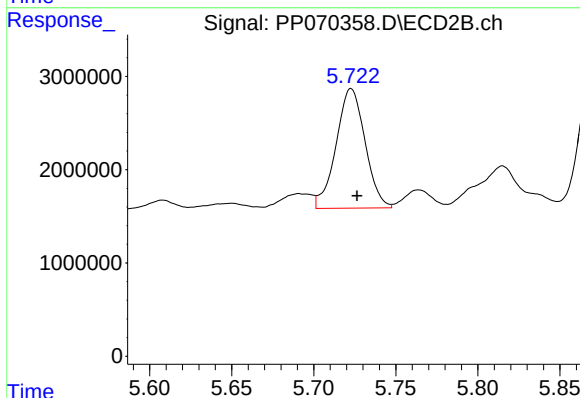
#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 17219044
Conc: 303.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-13C

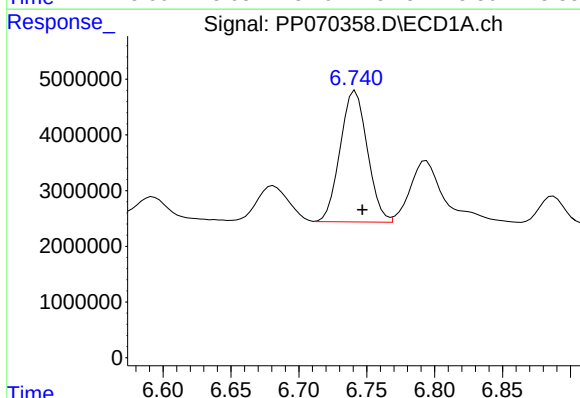
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



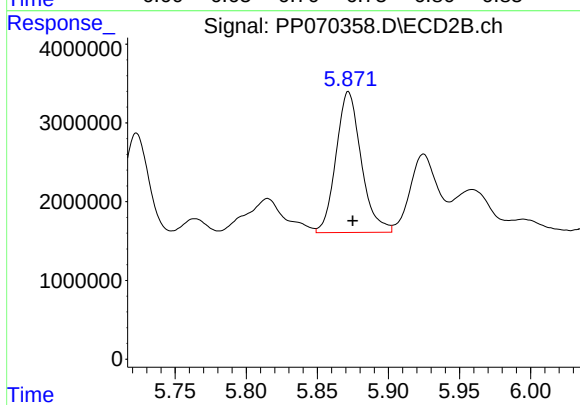
#26 AR-1254-1

R.T.: 5.723 min
Delta R.T.: -0.004 min
Response: 15796497
Conc: 289.48 ng/ml



#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.005 min
Response: 32797032
Conc: 374.03 ng/ml

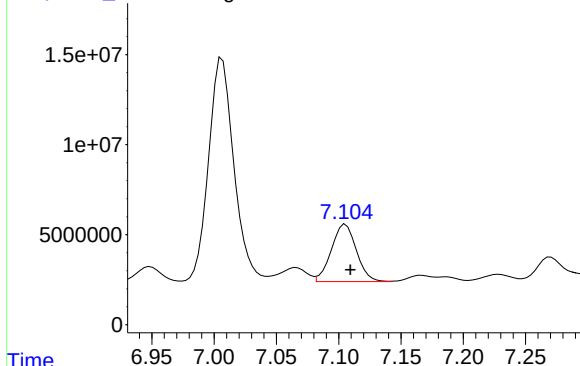


#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 22073898
Conc: 452.84 ng/ml

Response_ Signal: PP070358.D\ECD1A.ch

#28 AR-1254-3



R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 44603058
Conc: 500.45 ng/ml

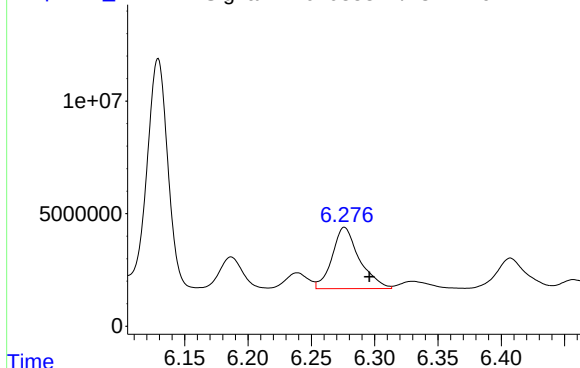
Instrument :
ECD_P
ClientSampleId :
K084-13C

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Time Response_ Signal: PP070358.D\ECD2B.ch

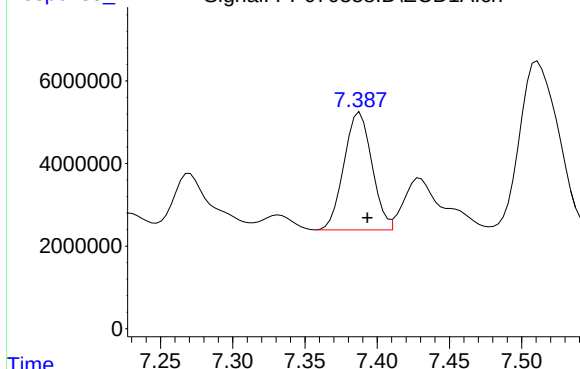
#28 AR-1254-3



R.T.: 6.276 min
Delta R.T.: -0.020 min
Response: 40912764
Conc: 539.63 ng/ml

Time Response_ Signal: PP070358.D\ECD1A.ch

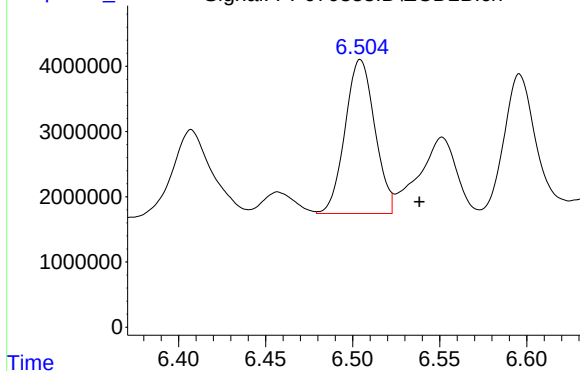
#29 AR-1254-4



R.T.: 7.388 min
Delta R.T.: -0.005 min
Response: 38242694
Conc: 513.25 ng/ml

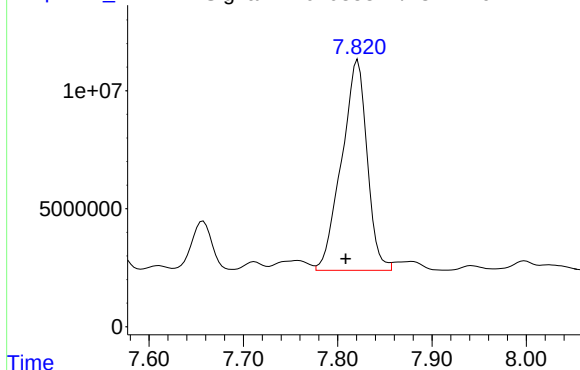
Time Response_ Signal: PP070358.D\ECD2B.ch

#29 AR-1254-4



R.T.: 6.504 min
Delta R.T.: -0.034 min
Response: 28175834
Conc: 547.53 ng/ml m

Response_ Signal: PP070358.D\ECD1A.ch



#30 AR-1254-5

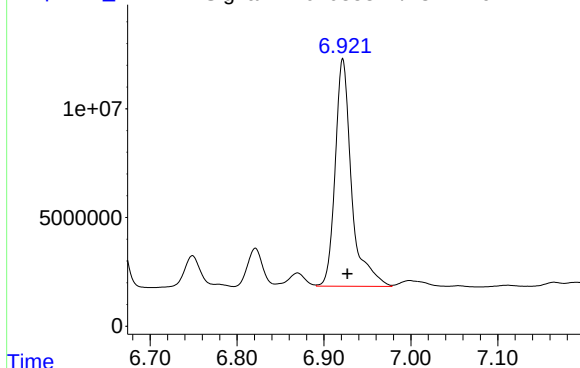
R.T.: 7.821 min
Delta R.T.: 0.013 min
Response: 167343773
Conc: 2491.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-13C

**Manual Integrations
APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

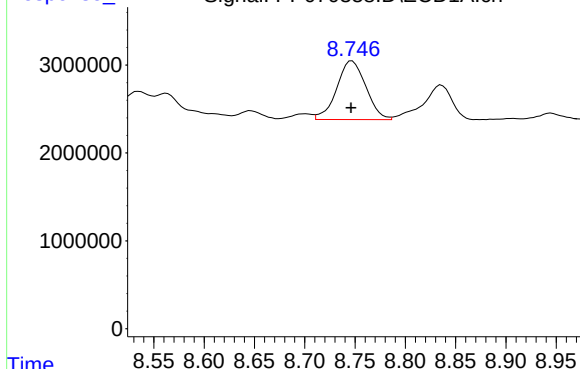
Response_ Signal: PP070358.D\ECD2B.ch



#30 AR-1254-5

R.T.: 6.922 min
Delta R.T.: -0.005 min
Response: 137108091
Conc: 2029.15 ng/ml

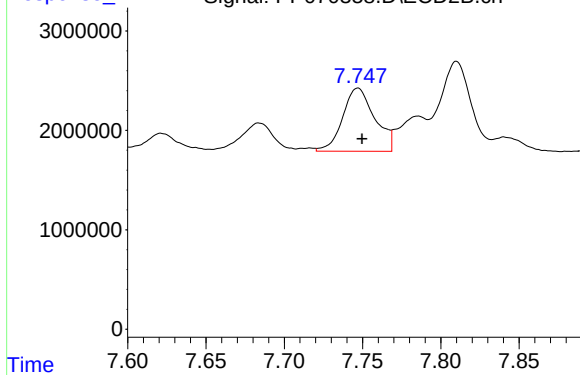
Response_ Signal: PP070358.D\ECD1A.ch



#41 AR-1268-1

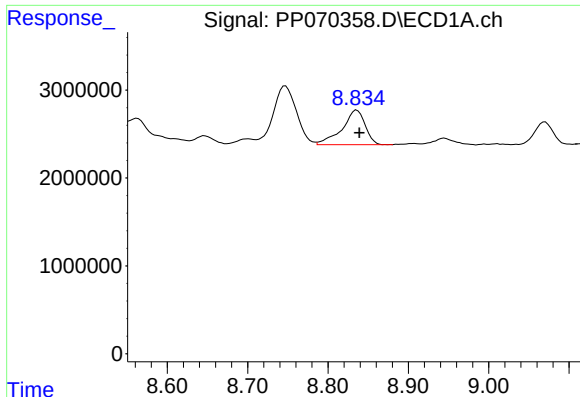
R.T.: 8.747 min
Delta R.T.: 0.000 min
Response: 13457311
Conc: 70.06 ng/ml

Response_ Signal: PP070358.D\ECD2B.ch



#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.003 min
Response: 9070437
Conc: 54.72 ng/ml



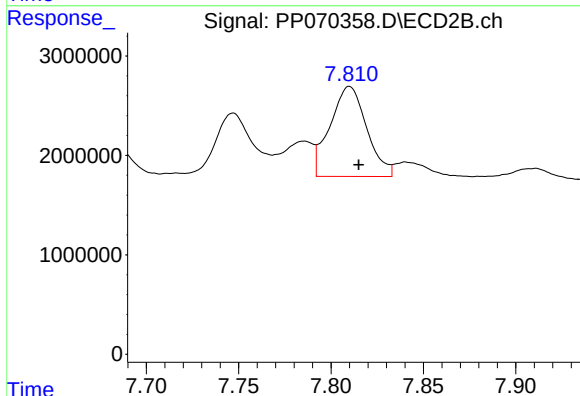
#42 AR-1268-2

R.T.: 8.836 min
Delta R.T.: -0.003 min
Response: 7884831
Conc: 47.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-13C

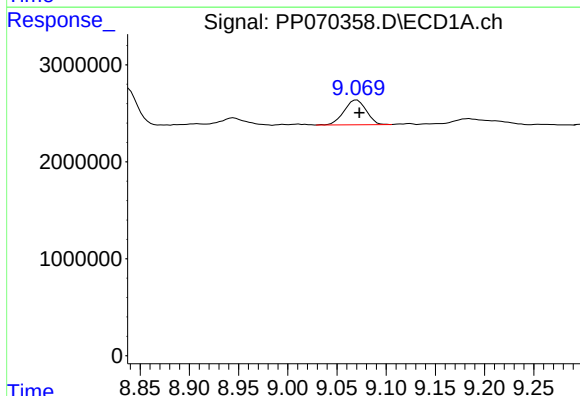
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



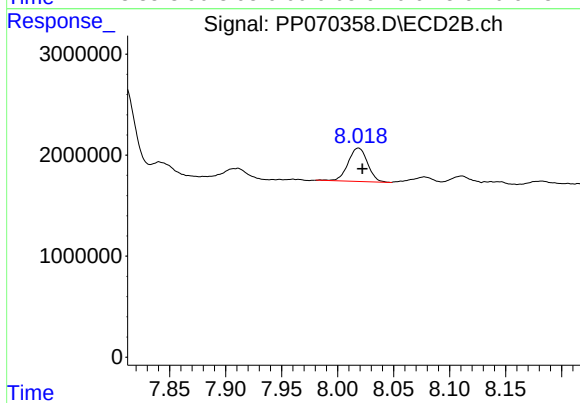
#42 AR-1268-2

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 12540929
Conc: 86.46 ng/ml



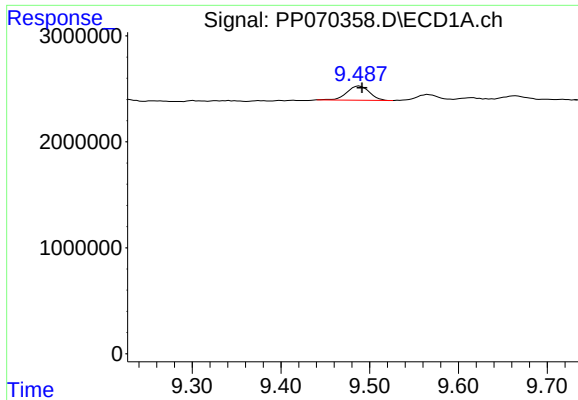
#43 AR-1268-3

R.T.: 9.070 min
Delta R.T.: -0.003 min
Response: 3999975
Conc: 27.87 ng/ml



#43 AR-1268-3

R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 3988723
Conc: 32.57 ng/ml



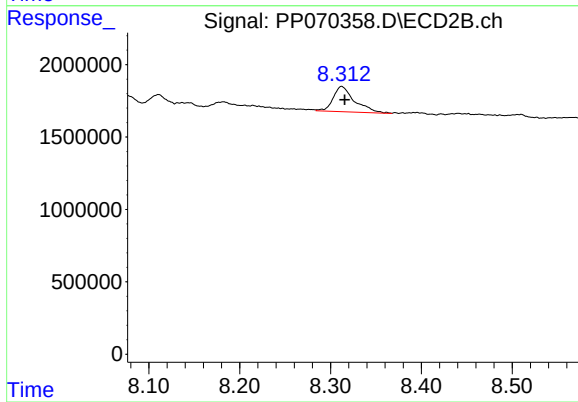
#44 AR-1268-4

R.T.: 9.488 min
Delta R.T.: -0.003 min
Response: 2375503
Conc: 37.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-13C

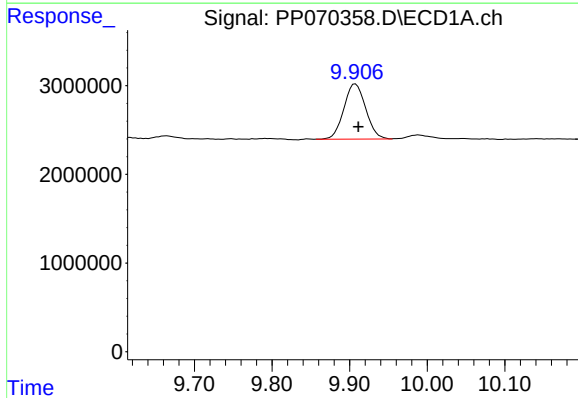
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



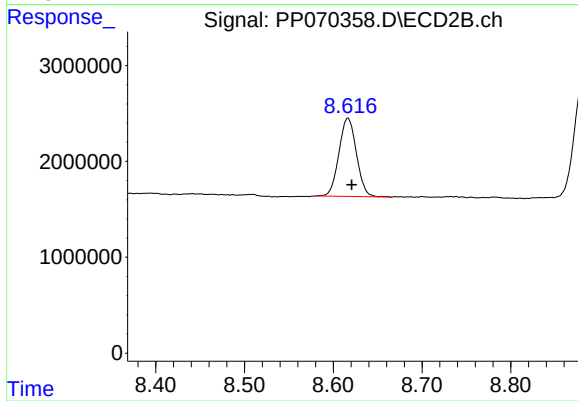
#44 AR-1268-4

R.T.: 8.312 min
Delta R.T.: -0.003 min
Response: 2861190
Conc: 53.80 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: -0.004 min
Response: 12156614
Conc: 29.23 ng/ml



#45 AR-1268-5

R.T.: 8.616 min
Delta R.T.: -0.004 min
Response: 11200620
Conc: 31.53 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-14A	SDG No.:	Q1437
Lab Sample ID:	Q1437-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	77.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109576.D	1	02/27/25 09:15	02/28/25 09:14	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	21.8	ug/kg
11104-28-2	Aroclor-1221	8.20	U	8.20	21.8	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	21.8	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	21.8	ug/kg
12672-29-6	Aroclor-1248	10.1	U	10.1	21.8	ug/kg
11097-69-1	Aroclor-1254	2700	E	3.50	21.8	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	21.8	ug/kg
11100-14-4	Aroclor-1268	280		4.40	21.8	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	21.8	ug/kg
Total PCBs	Total PCBs	3000		7.90	21.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.1		32 - 144	125%	SPK: 20
2051-24-3	Decachlorobiphenyl	39.9	*	32 - 175	199%	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_O\Data\P0022725\
 Data File : P0109576.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 09:14
 Operator : YP/AJ
 Sample : Q1437-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K084-14A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:34:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	226.1E6	131.3E6	23.888	25.083
2) SA Decachlor...	8.753	8.704	298.1E6	126.9E6	34.650	39.856
Target Compounds						
26) L6 AR-1254-1	5.600	5.580	995.5E6	566.6E6	1930.784	2166.299
27) L6 AR-1254-2	5.749	5.727	1311.0E6	743.4E6	2910.930	3169.207
28) L6 AR-1254-3	6.155	6.130	2514.1E6	1431.4E6	3511.485	4012.897
29) L6 AR-1254-4	6.384	6.357	1450.9E6	778.8E6	3464.537	4032.883
30) L6 AR-1254-5	6.803	6.774	9660.0E6	5278.3E6	15483.155	17787.964
41) L9 AR-1268-1	7.631	7.597	794.9E6	358.6E6	600.259	627.519
42) L9 AR-1268-2	7.695	7.661	1088.0E6	509.6E6	899.841	970.791
43) L9 AR-1268-3	7.904	7.869	442.5E6	205.2E6	434.641	479.308
44) L9 AR-1268-4	8.192	8.154	247.9E6	110.7E6	583.512	686.351
45) L9 AR-1268-5	8.491	8.447	1348.9E6	555.6E6	446.720	508.217

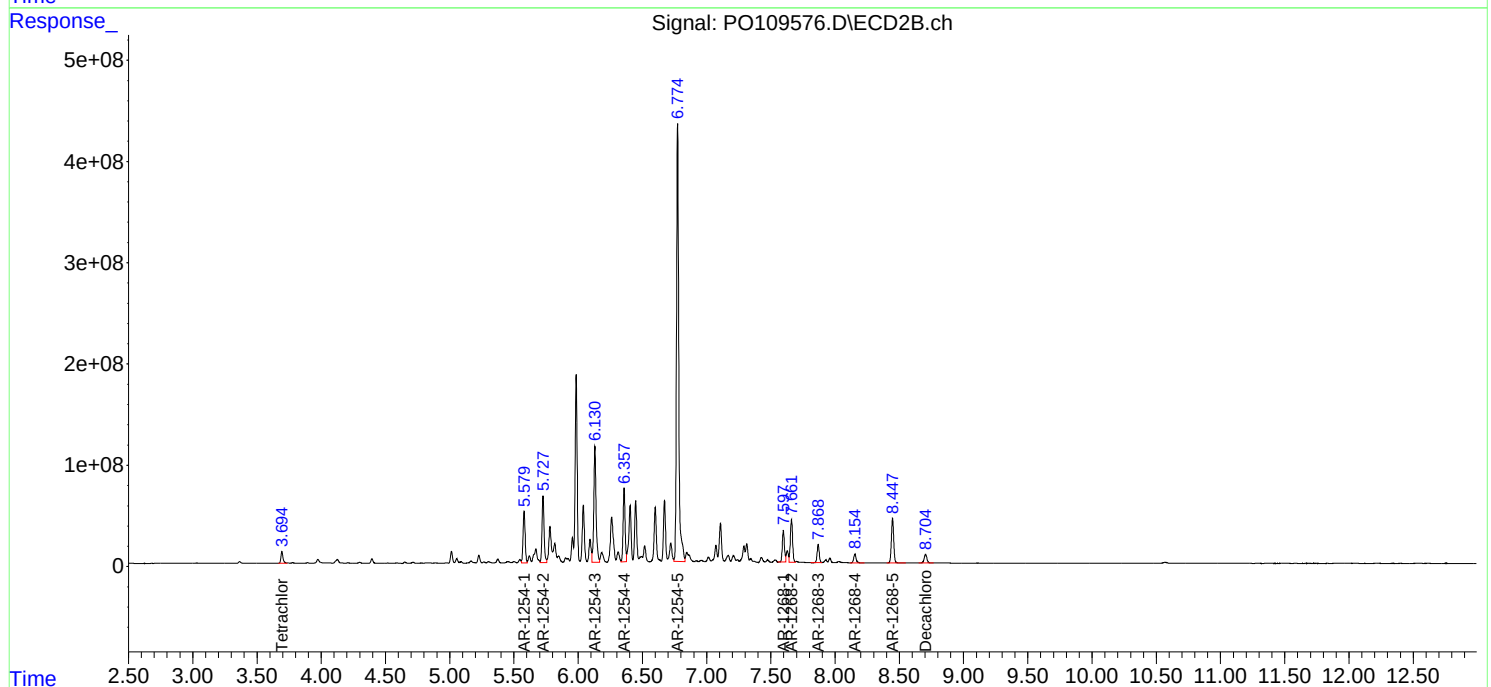
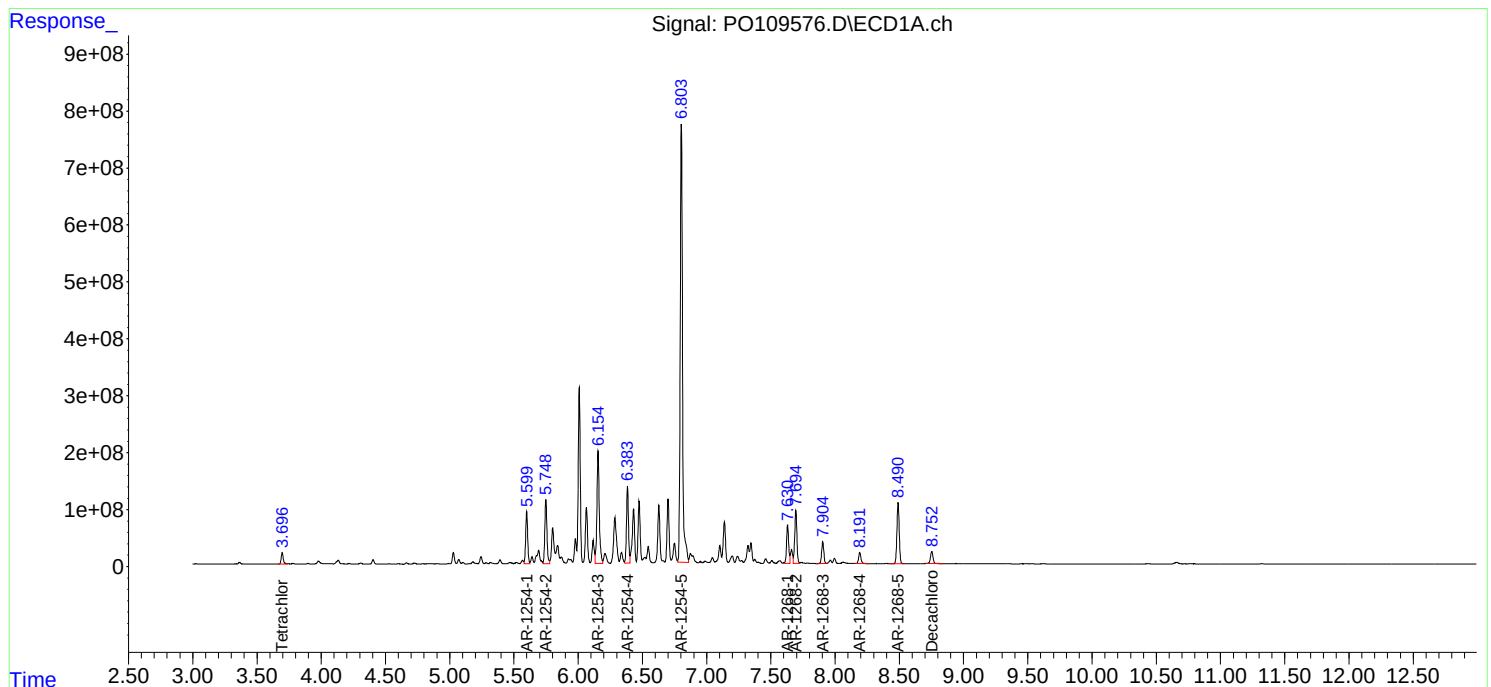
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

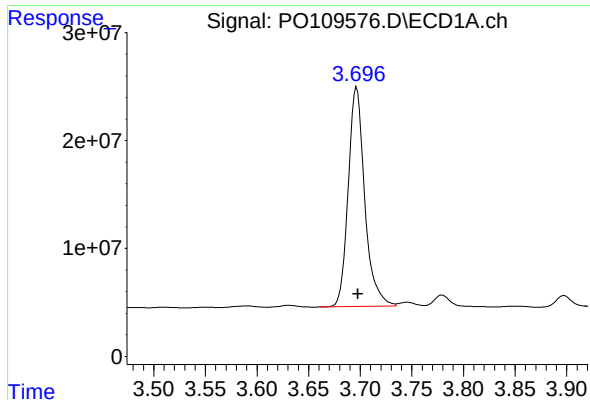
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 09:14
Operator : YP/AJ
Sample : Q1437-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-14A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:34:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

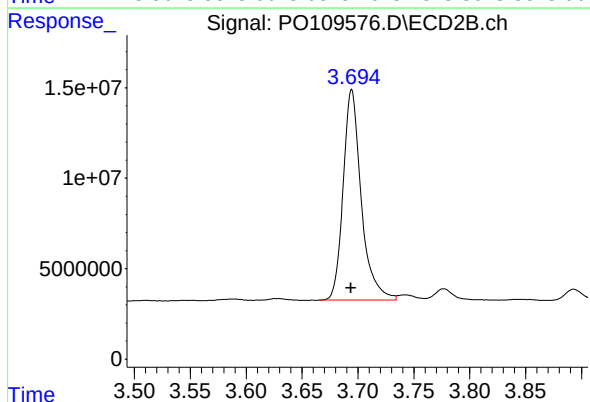




#1 Tetrachloro-m-xylene

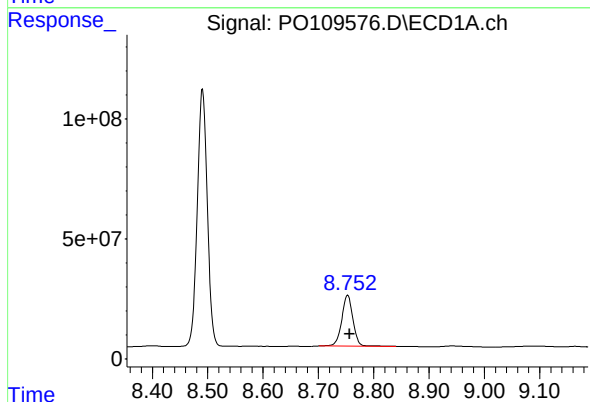
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 226103767
Conc: 23.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14A



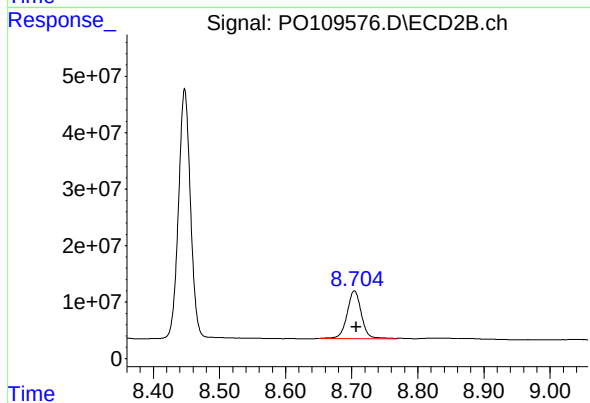
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 131291480
Conc: 25.08 ng/ml



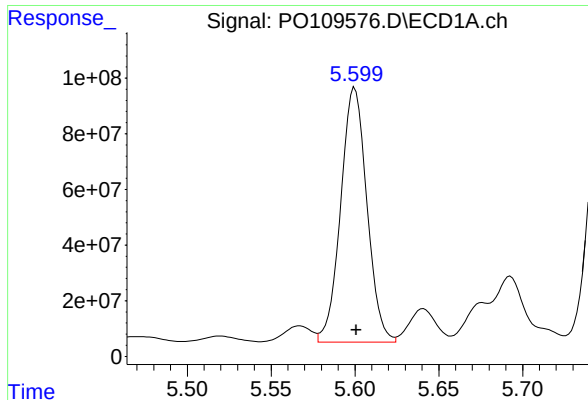
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 298053079
Conc: 34.65 ng/ml



#2 Decachlorobiphenyl

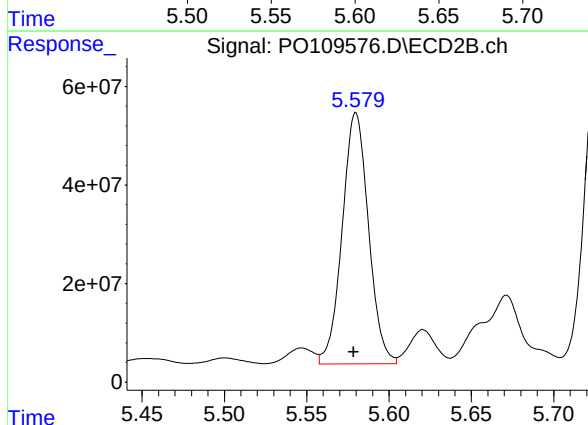
R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 126913306
Conc: 39.86 ng/ml



#26 AR-1254-1

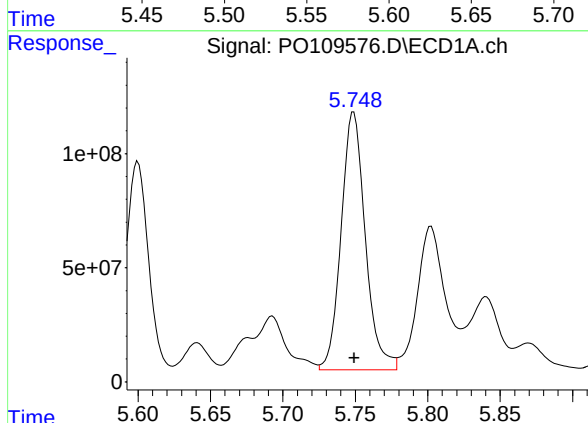
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 995524920
Conc: 1930.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14A



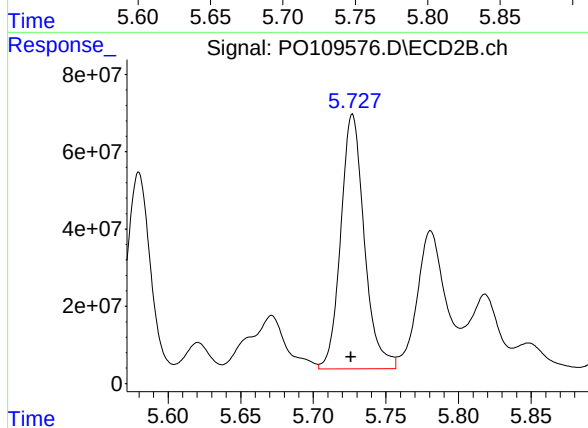
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 566570108
Conc: 2166.30 ng/ml



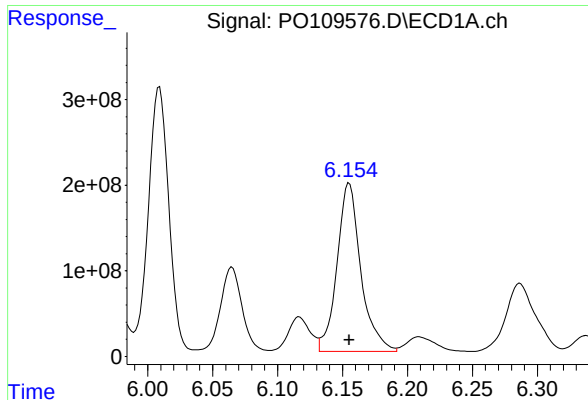
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 1311008833
Conc: 2910.93 ng/ml



#27 AR-1254-2

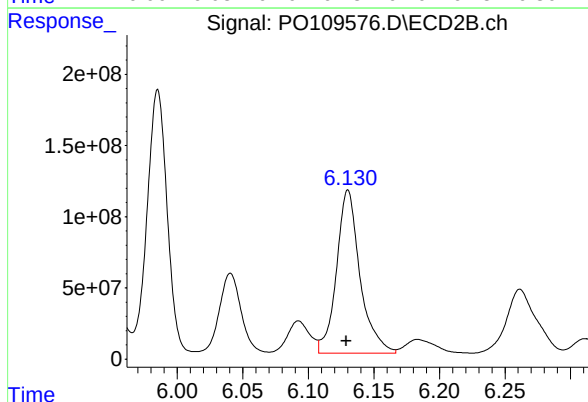
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 743373839
Conc: 3169.21 ng/ml



#28 AR-1254-3

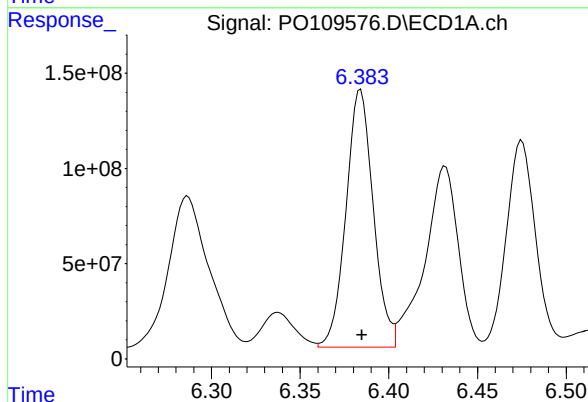
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 2514066397
Conc: 3511.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14A



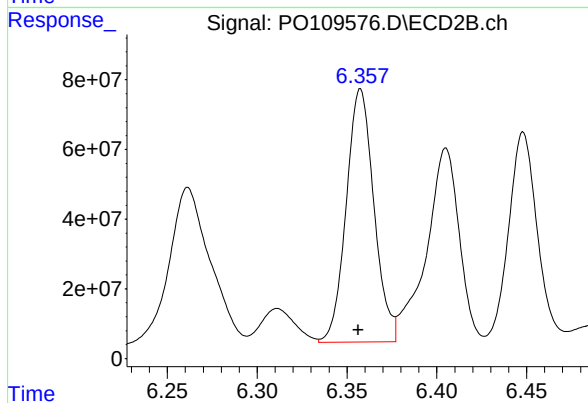
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 1431418642
Conc: 4012.90 ng/ml



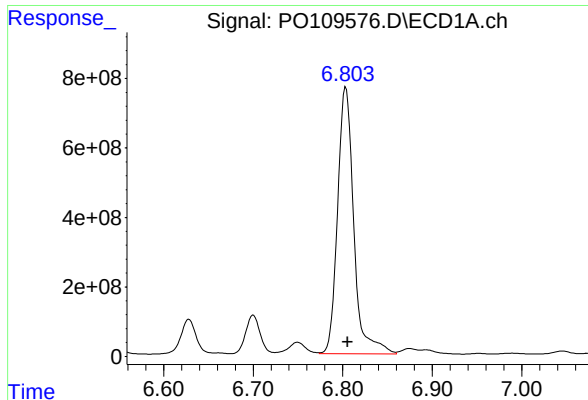
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 1450918635
Conc: 3464.54 ng/ml



#29 AR-1254-4

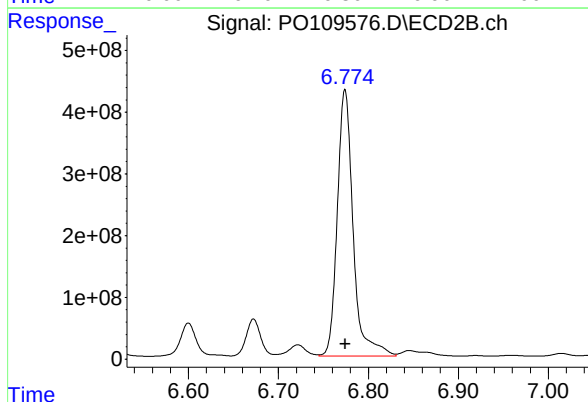
R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 778844030
Conc: 4032.88 ng/ml



#30 AR-1254-5

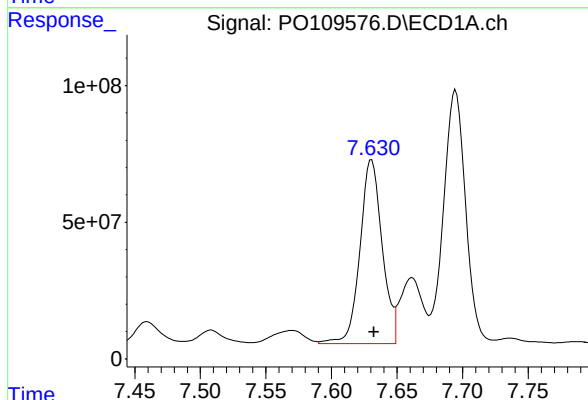
R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 9659986049
Conc: 15483.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14A



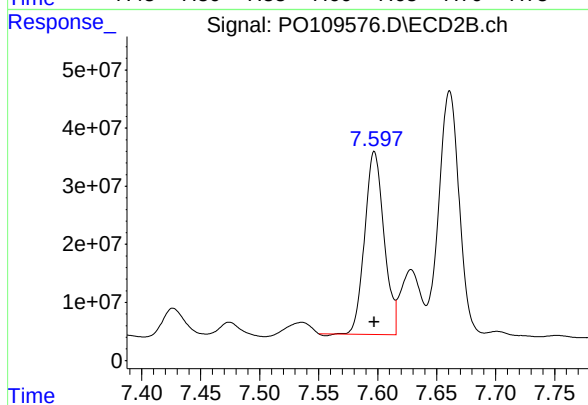
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 5278262449
Conc: 17787.96 ng/ml



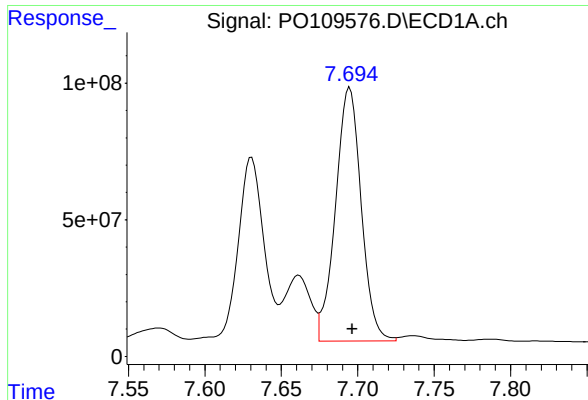
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 794873681
Conc: 600.26 ng/ml



#41 AR-1268-1

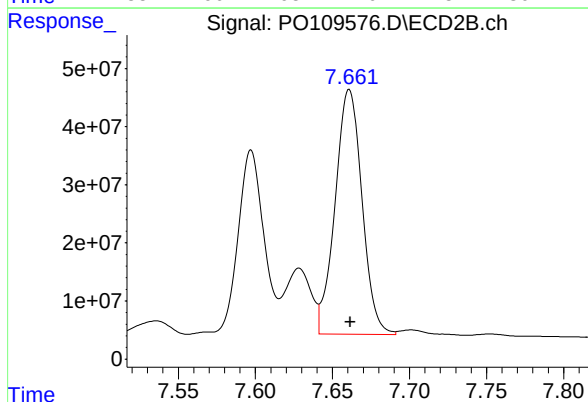
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 358571896
Conc: 627.52 ng/ml



#42 AR-1268-2

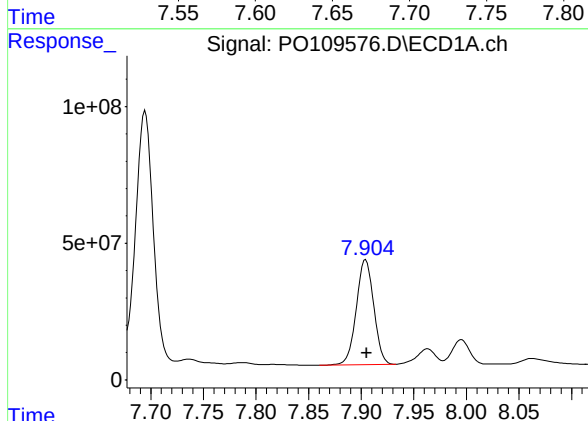
R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 1088003299
Conc: 899.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14A



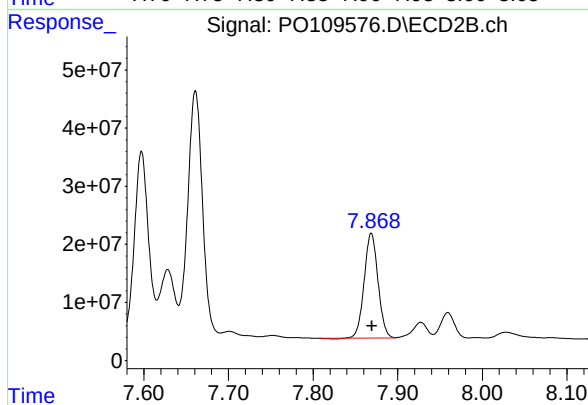
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 509610588
Conc: 970.79 ng/ml



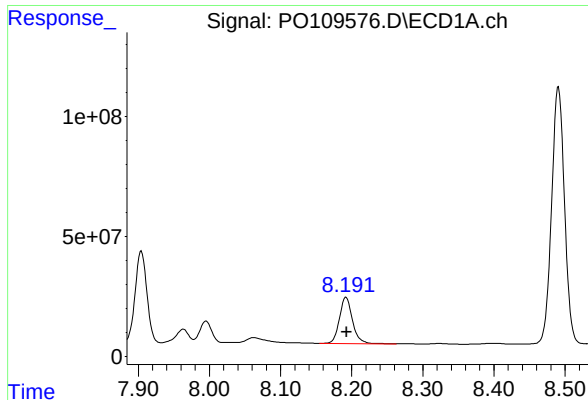
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.001 min
Response: 442541733
Conc: 434.64 ng/ml



#43 AR-1268-3

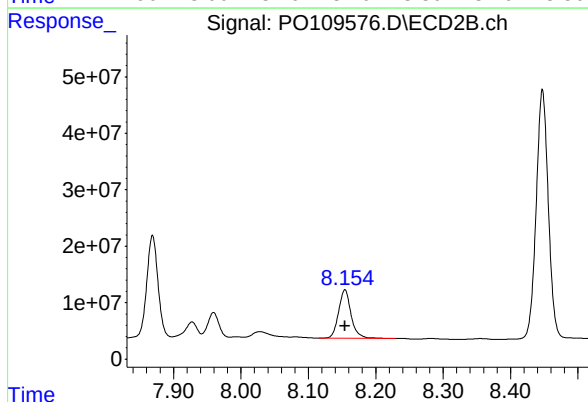
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 205164623
Conc: 479.31 ng/ml



#44 AR-1268-4

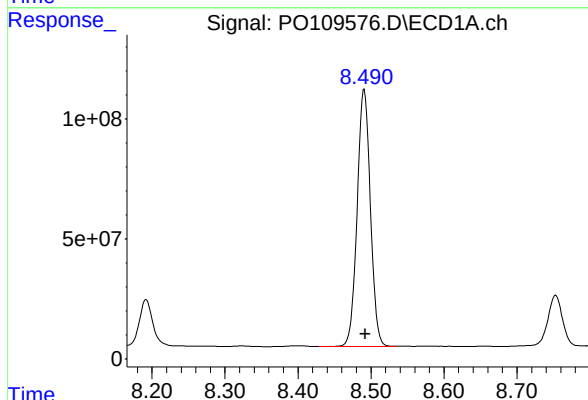
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 247910293
Conc: 583.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14A



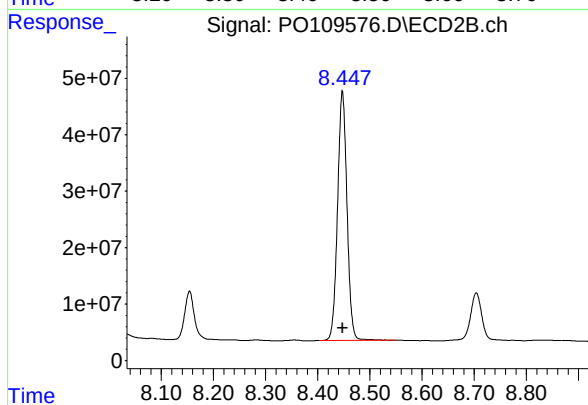
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 110732460
Conc: 686.35 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 1348939340
Conc: 446.72 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.000 min
Response: 555554701
Conc: 508.22 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-14ADL	SDG No.:	Q1437
Lab Sample ID:	Q1437-09DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	77.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109618.D	10	02/27/25 09:15	03/01/25 00:15	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	43.6	UD	43.6	218	ug/kg
11104-28-2	Aroclor-1221	82.4	UD	82.4	218	ug/kg
11141-16-5	Aroclor-1232	43.7	UD	43.7	218	ug/kg
53469-21-9	Aroclor-1242	43.6	UD	43.6	218	ug/kg
12672-29-6	Aroclor-1248	101	UD	101	218	ug/kg
11097-69-1	Aroclor-1254	2600	D	35.1	218	ug/kg
37324-23-5	Aroclor-1262	58.7	UD	58.7	218	ug/kg
11100-14-4	Aroclor-1268	339	D	44.1	218	ug/kg
11096-82-5	Aroclor-1260	37.4	UD	37.4	218	ug/kg
Total PCBs	Total PCBs	3000	D	79.2	218	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.0		32 - 144	135%	SPK: 20
2051-24-3	Decachlorobiphenyl	50.5	*	32 - 175	253%	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_O\Data\PO022825\
 Data File : PO109618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Mar 2025 00:15
 Operator : YP/AJ
 Sample : Q1437-09DL 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K084-14ADL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 04:45:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.695	3.694	25144300	14128564	2.657	2.699
2) SA Decachlor...	8.751	8.704	39878168	16070396	4.636	5.047
Target Compounds						
26) L6 AR-1254-1	5.598	5.579	119.6E6	64527549	232.038	246.723
27) L6 AR-1254-2	5.747	5.726	158.7E6	85132620	352.353	362.944
28) L6 AR-1254-3	6.153	6.129	292.2E6	154.0E6	408.124	431.761
29) L6 AR-1254-4	6.381	6.357	159.5E6	80158218	380.782	415.062
30) L6 AR-1254-5	6.802	6.774	934.5E6	472.5E6	1497.779	1592.486
41) L9 AR-1268-1	7.630	7.597	99676841	44392513	75.272	77.689
42) L9 AR-1268-2	7.693	7.660	128.4E6	58960521	106.232	112.318
43) L9 AR-1268-3	7.903	7.869	55877861	25858823	54.880	60.412
44) L9 AR-1268-4	8.191	8.153	33109067	13791746	77.930	85.485
45) L9 AR-1268-5	8.490	8.447	156.7E6	65741887	51.885	60.140

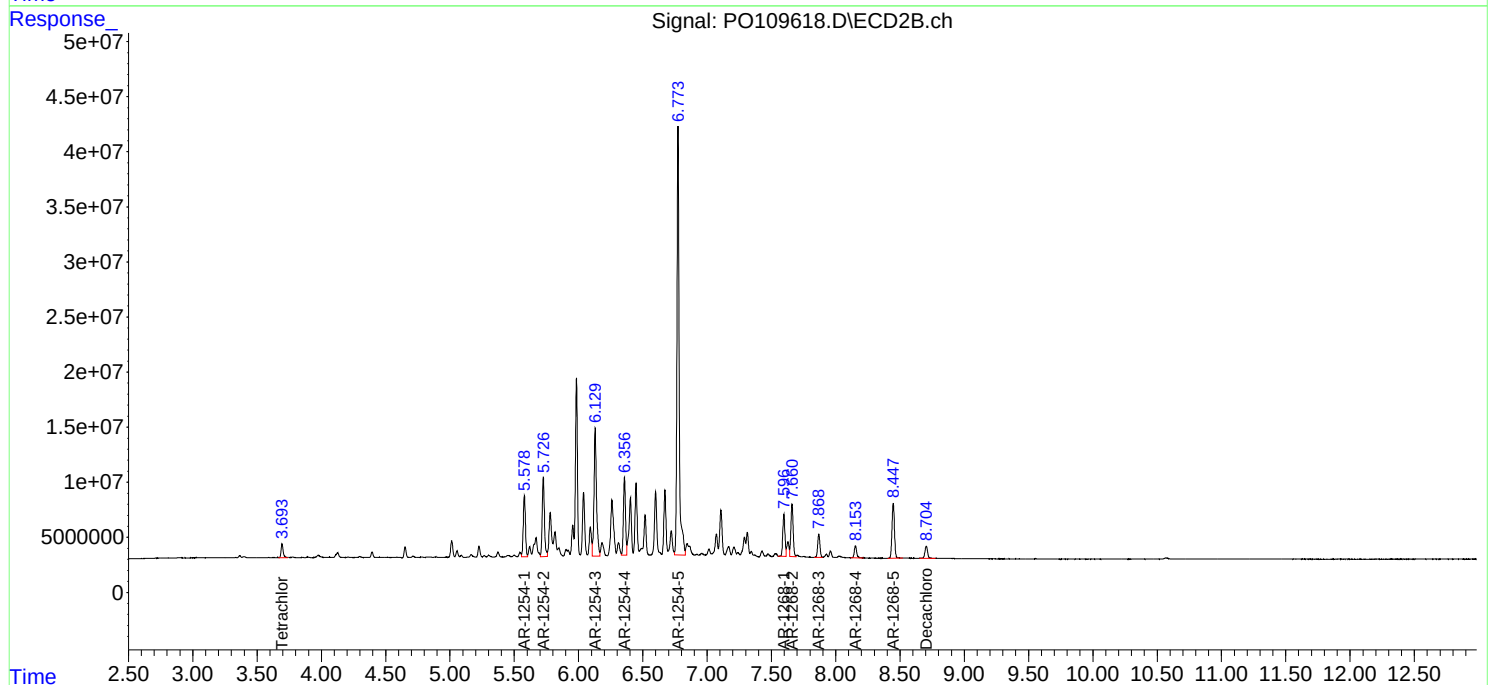
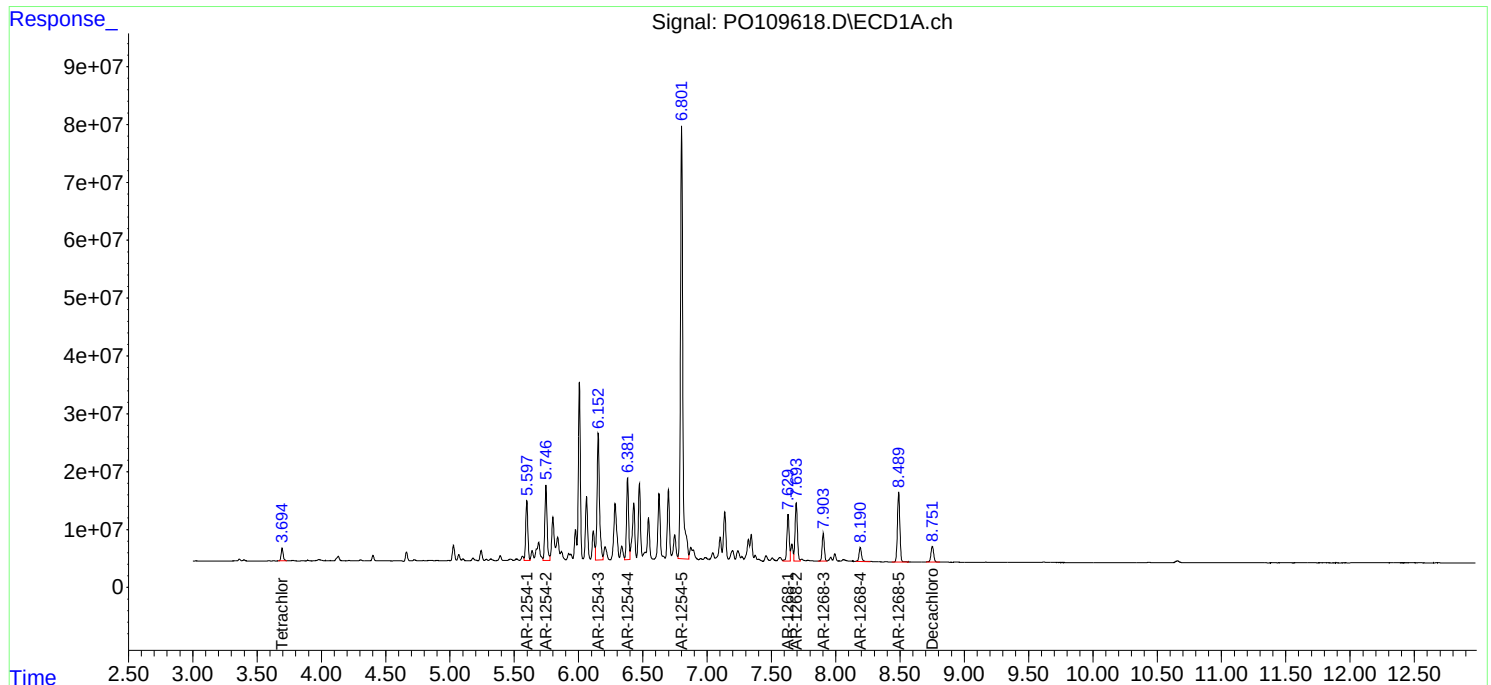
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

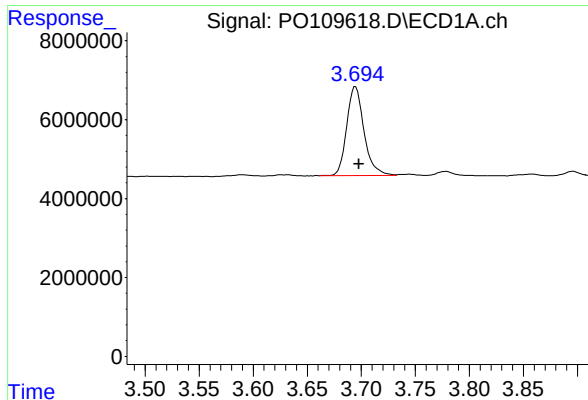
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2025 00:15
Operator : YP/AJ
Sample : Q1437-09DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-14ADL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 04:45:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

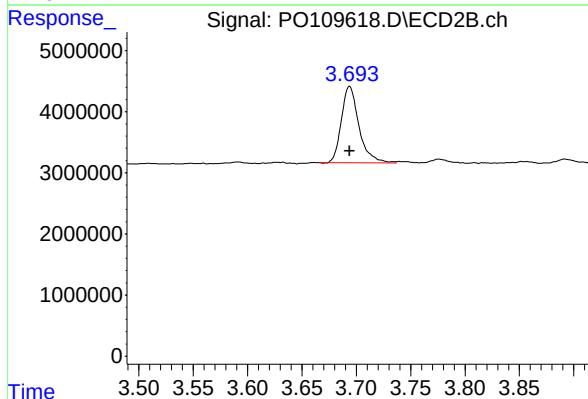




#1 Tetrachloro-m-xylene

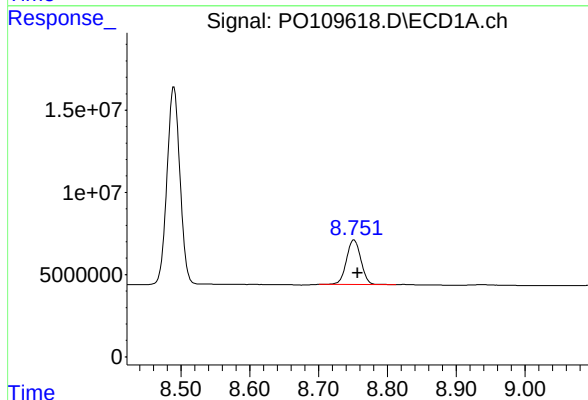
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 25144300
Conc: 2.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14ADL



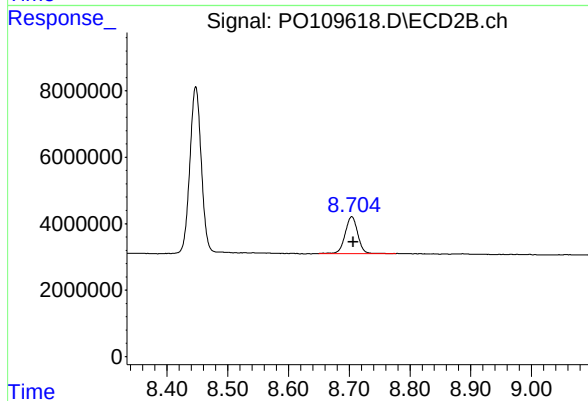
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 14128564
Conc: 2.70 ng/ml



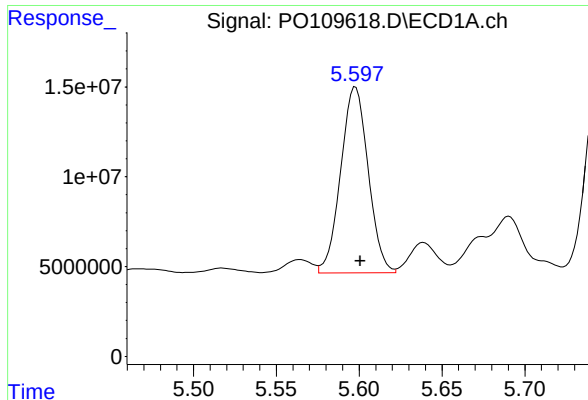
#2 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.005 min
Response: 39878168
Conc: 4.64 ng/ml



#2 Decachlorobiphenyl

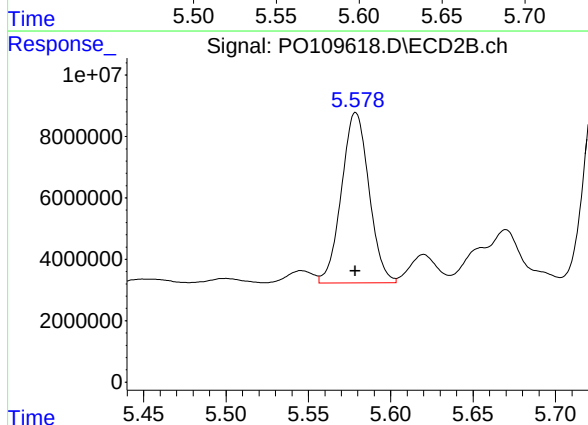
R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 16070396
Conc: 5.05 ng/ml



#26 AR-1254-1

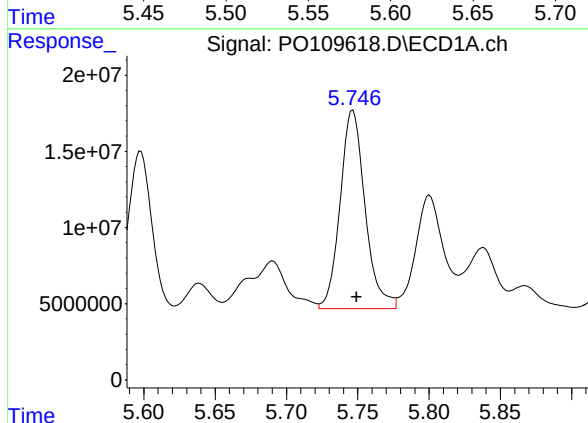
R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 119640503
Conc: 232.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14ADL



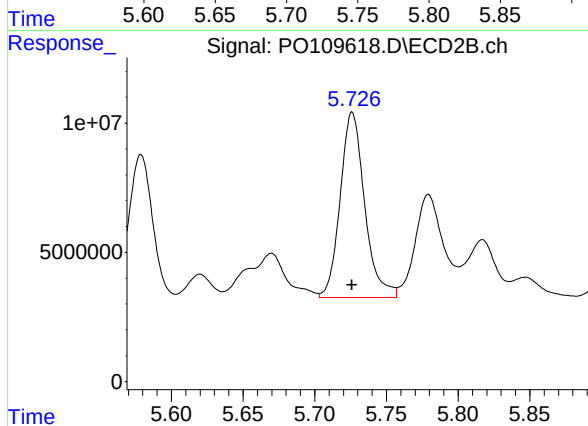
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 64527549
Conc: 246.72 ng/ml



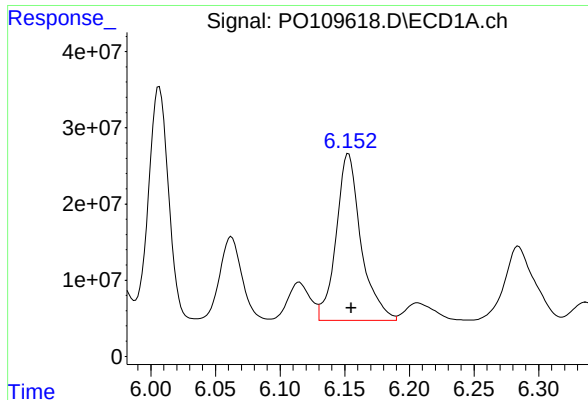
#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: -0.003 min
Response: 158690719
Conc: 352.35 ng/ml



#27 AR-1254-2

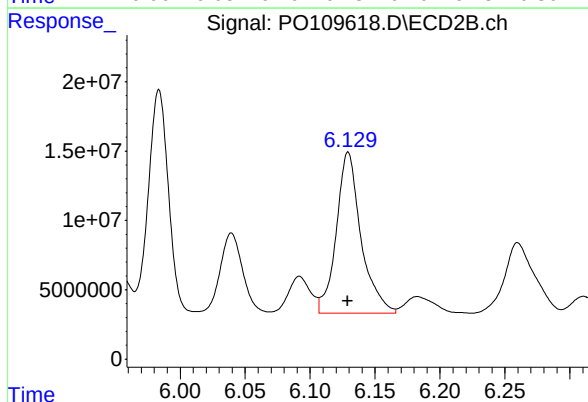
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 85132620
Conc: 362.94 ng/ml



#28 AR-1254-3

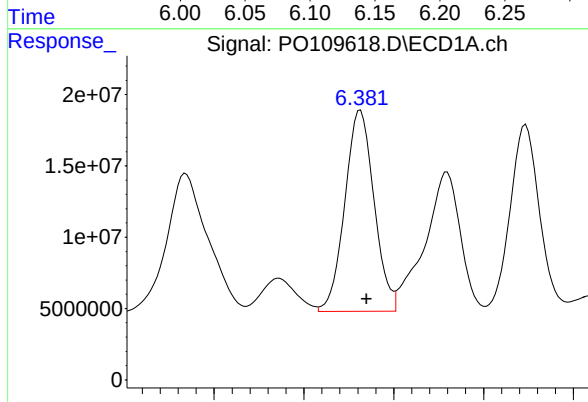
R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 292198386
Conc: 408.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14ADL



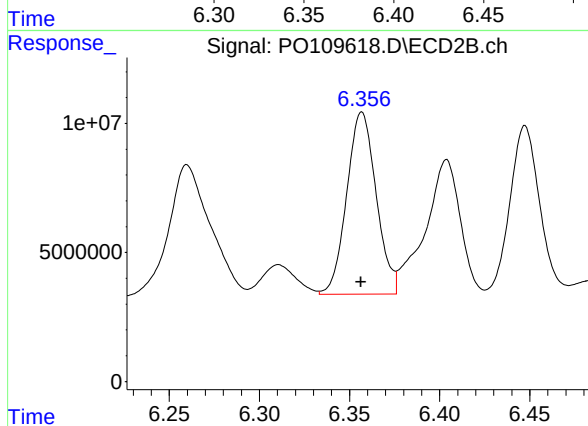
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 154010946
Conc: 431.76 ng/ml



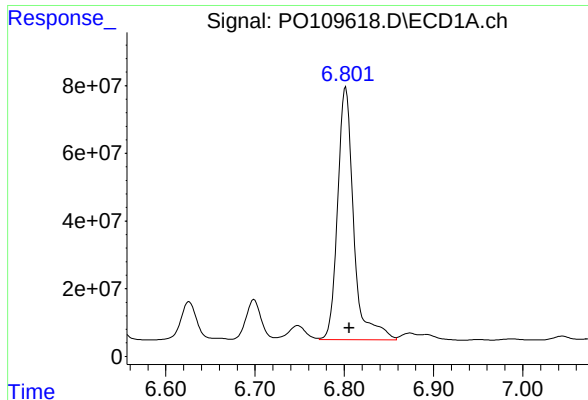
#29 AR-1254-4

R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 159468169
Conc: 380.78 ng/ml



#29 AR-1254-4

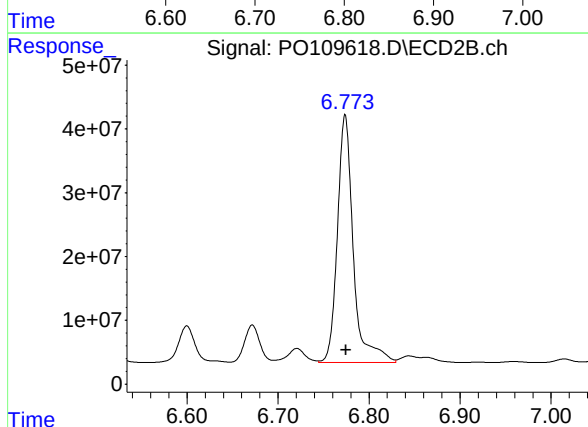
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 80158218
Conc: 415.06 ng/ml



#30 AR-1254-5

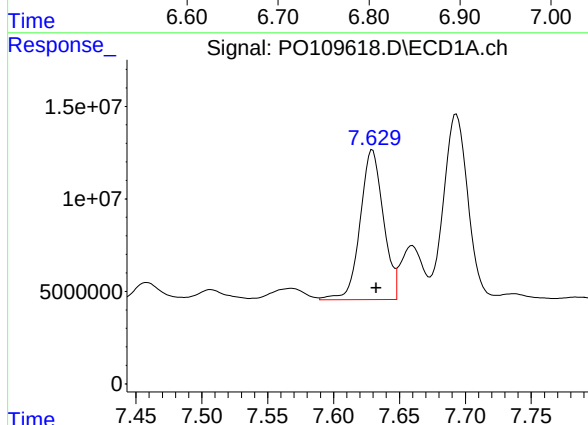
R.T.: 6.802 min
Delta R.T.: -0.004 min
Response: 934468831
Conc: 1497.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14ADL



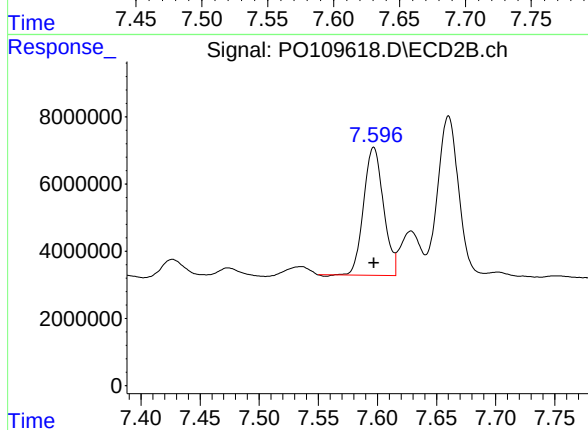
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 472541885
Conc: 1592.49 ng/ml



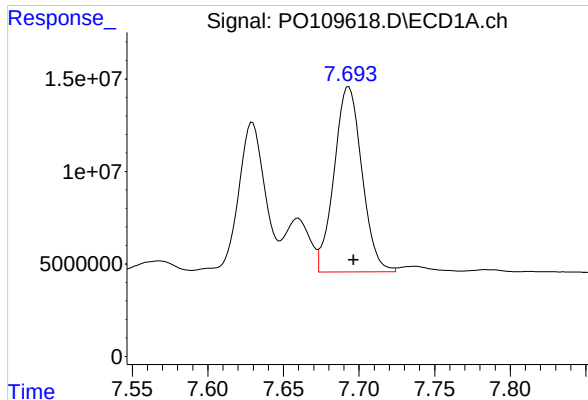
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 99676841
Conc: 75.27 ng/ml



#41 AR-1268-1

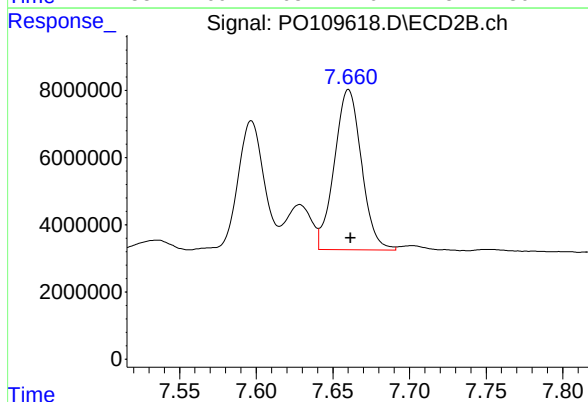
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 44392513
Conc: 77.69 ng/ml



#42 AR-1268-2

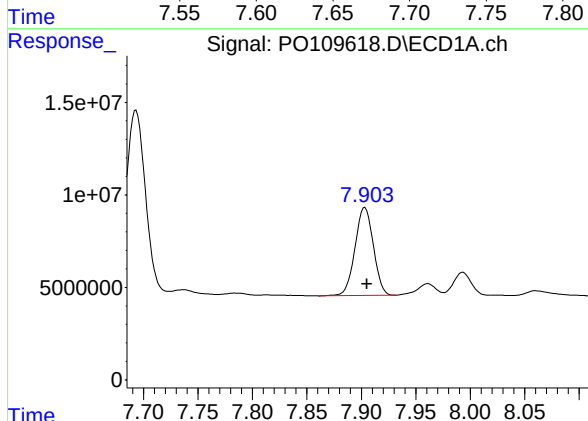
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 128445643
Conc: 106.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14ADL



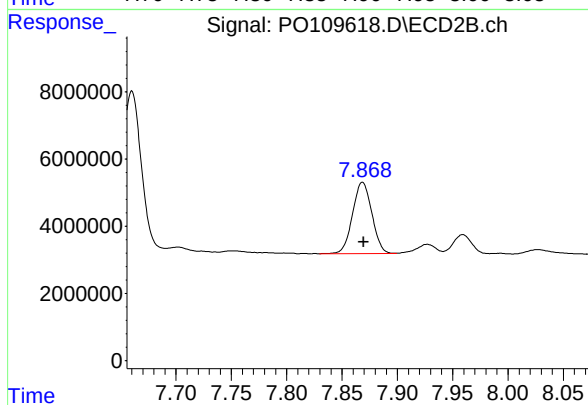
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 58960521
Conc: 112.32 ng/ml



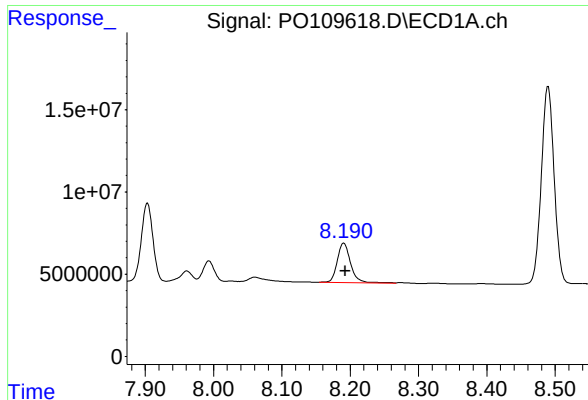
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: -0.002 min
Response: 55877861
Conc: 54.88 ng/ml



#43 AR-1268-3

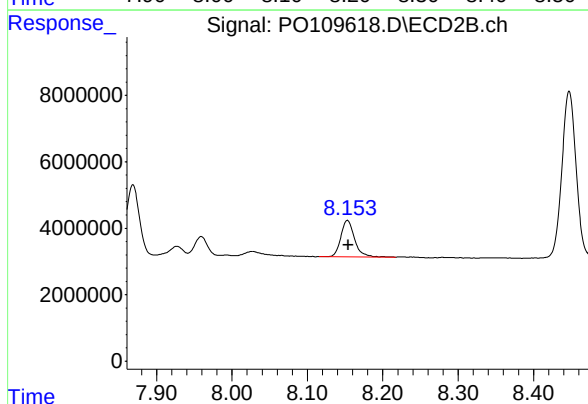
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 25858823
Conc: 60.41 ng/ml



#44 AR-1268-4

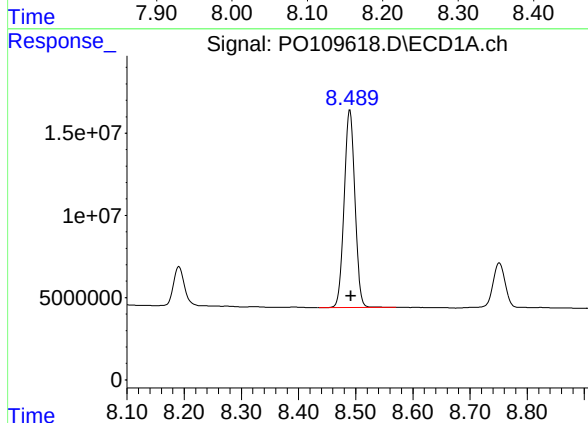
R.T.: 8.191 min
Delta R.T.: -0.002 min
Response: 33109067
Conc: 77.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14ADL



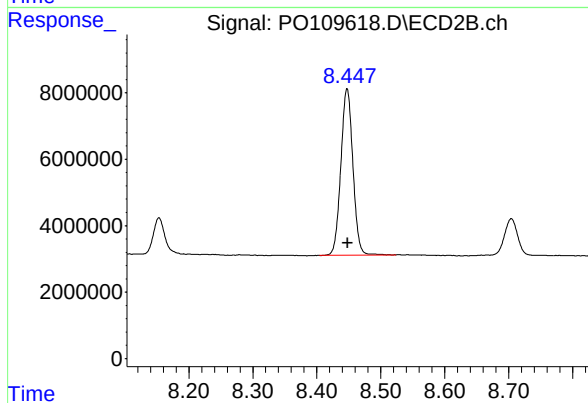
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 13791746
Conc: 85.49 ng/ml



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 156673824
Conc: 51.88 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.000 min
Response: 65741887
Conc: 60.14 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-14B	SDG No.:	Q1437
Lab Sample ID:	Q1437-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	66.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109674.D	1	03/06/25 11:40	03/06/25 20:28	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.10	U	5.10	25.5	ug/kg
11104-28-2	Aroclor-1221	9.60	U	9.60	25.5	ug/kg
11141-16-5	Aroclor-1232	5.10	U	5.10	25.5	ug/kg
53469-21-9	Aroclor-1242	5.10	U	5.10	25.5	ug/kg
12672-29-6	Aroclor-1248	11.8	U	11.8	25.5	ug/kg
11097-69-1	Aroclor-1254	278		4.10	25.5	ug/kg
37324-23-5	Aroclor-1262	6.80	U	6.80	25.5	ug/kg
11100-14-4	Aroclor-1268	38.6		5.10	25.5	ug/kg
11096-82-5	Aroclor-1260	4.40	U	4.40	25.5	ug/kg
Total PCBs	Total PCBs	317		9.20	25.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.6		32 - 144	118%	SPK: 20
2051-24-3	Decachlorobiphenyl	27.7		32 - 175	138%	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_O\Data\P0030625\
 Data File : PO109674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 20:28
 Operator : YP/AJ
 Sample : Q1437-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

K084-14B

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025

Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:12:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	213.1E6	123.5E6	22.518	23.601
2) SA Decachlor...	8.756	8.706	210.7E6	88066743	24.496	27.657
Target Compounds						
26) L6 AR-1254-1	5.600	5.579	119.5E6	66804668	231.733	255.430
27) L6 AR-1254-2	5.749	5.726	166.4E6	92811938	369.520	395.683
28) L6 AR-1254-3	6.155	6.130	290.7E6	158.4E6	405.986	444.053
29) L6 AR-1254-4	6.384	6.357	165.1E6	84985629	394.263	440.059
30) L6 AR-1254-5	6.804	6.774	696.7E6	370.5E6	1116.709	1248.713
41) L9 AR-1268-1	7.633	7.597	92214347	42292464	69.637	74.014m
42) L9 AR-1268-2	7.696	7.661	132.2E6	61327651	109.326	116.827
43) L9 AR-1268-3	7.906	7.870	47746220	22640616	46.894	52.893
44) L9 AR-1268-4	8.193	8.155	37675819	14753866	88.678m	91.449
45) L9 AR-1268-5	8.493	8.449	128.5E6	56647057	42.566	51.820

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 20:28
Operator : YP/AJ
Sample : Q1437-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

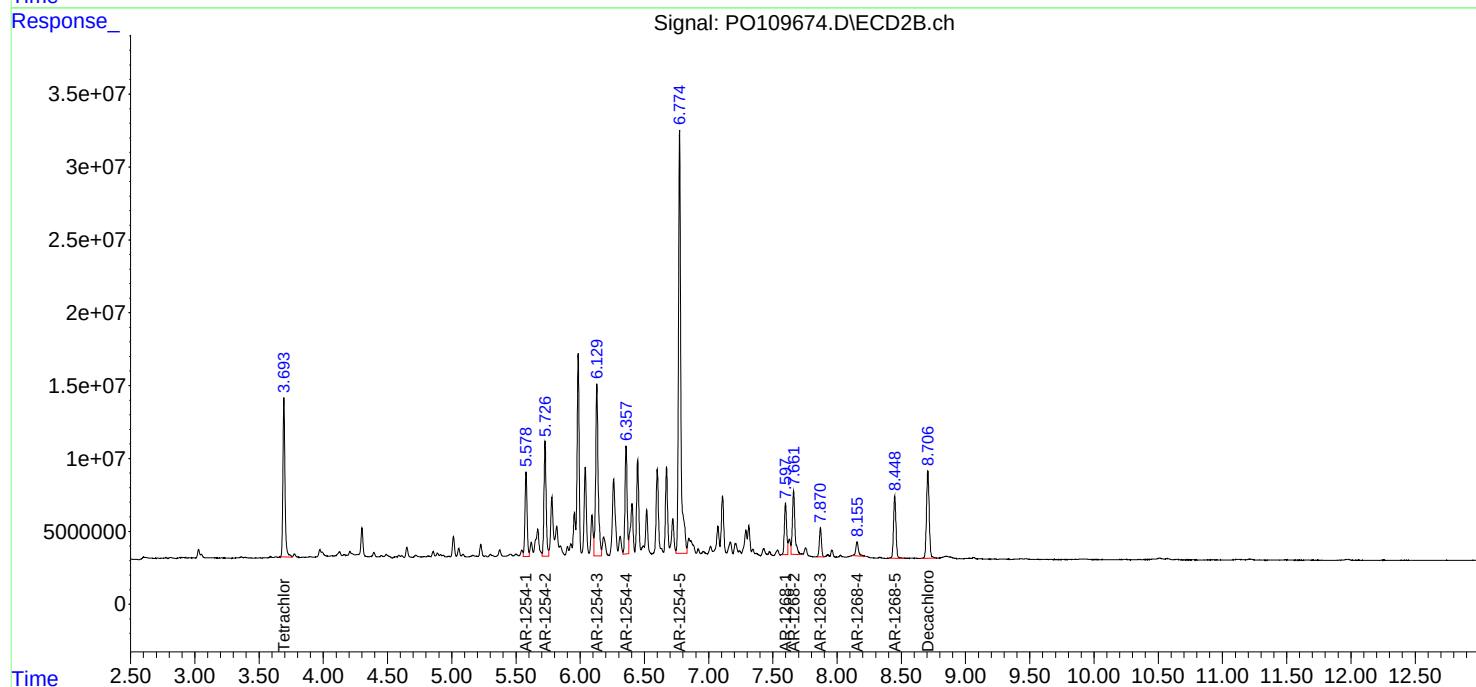
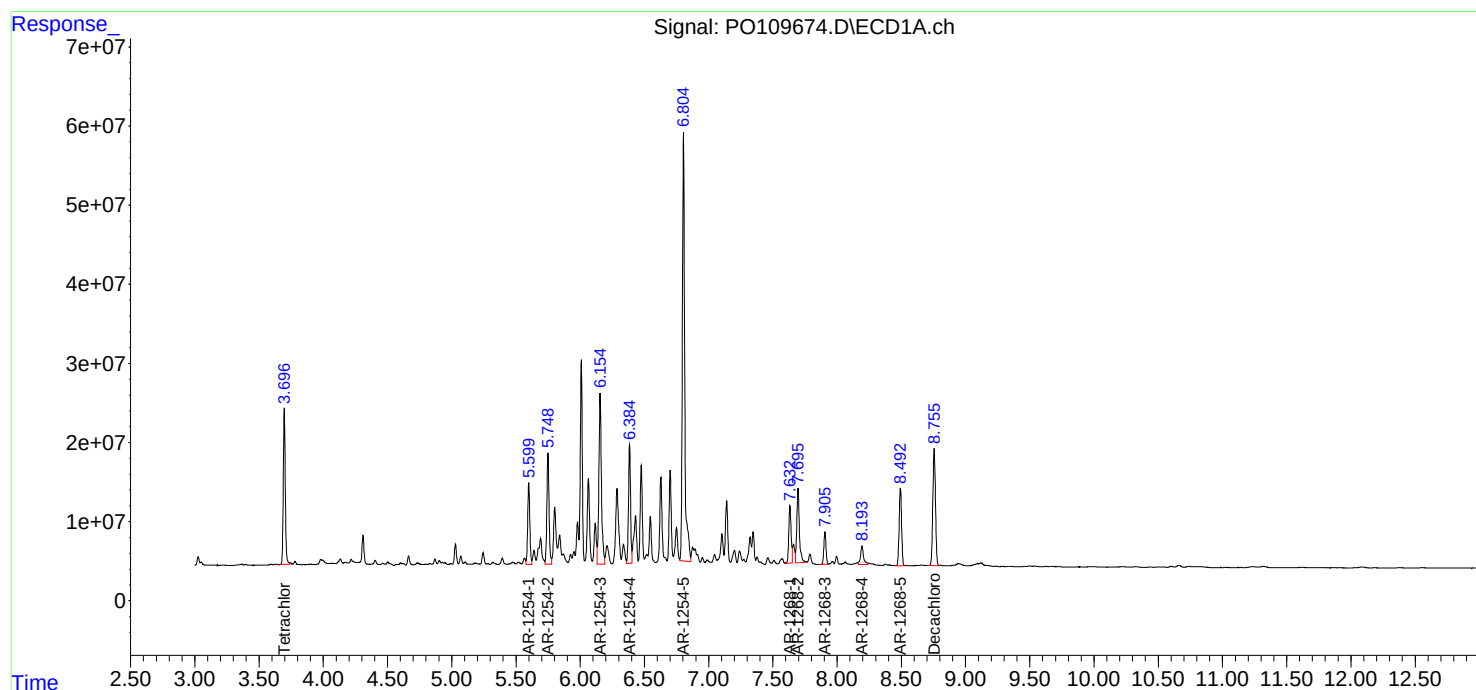
Instrument :
ECD_O
ClientSampleId :
K084-14B

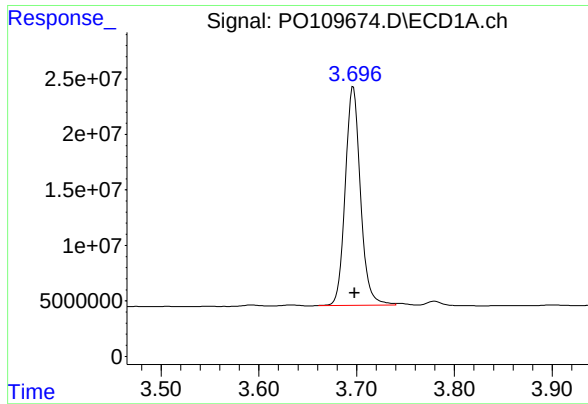
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:12:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





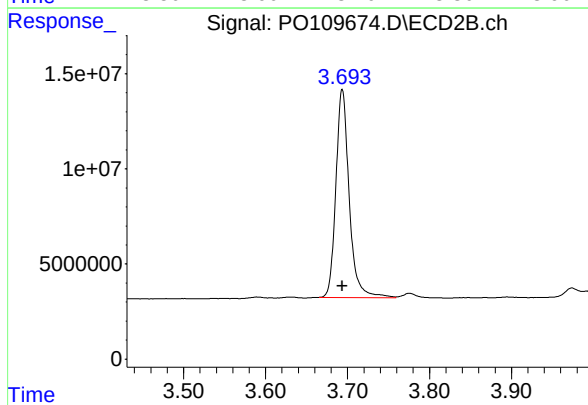
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 213135880
Conc: 22.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14B

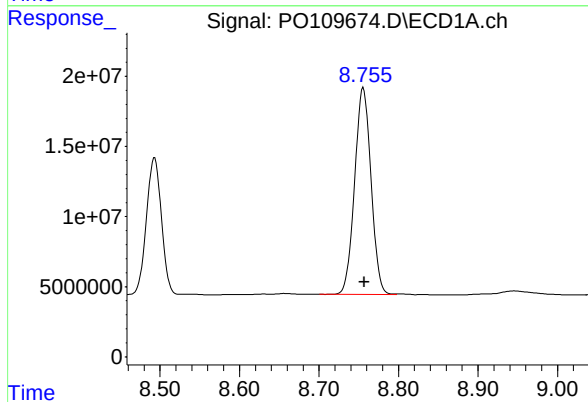
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



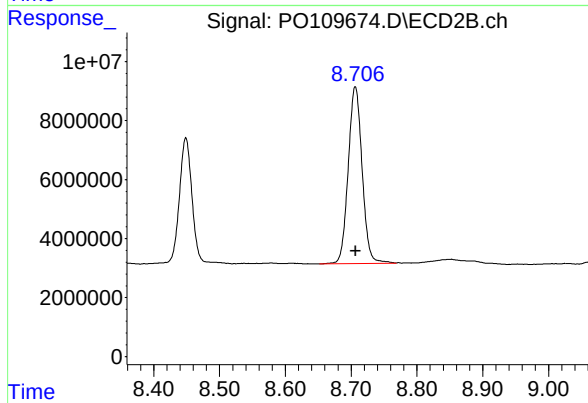
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 123532649
Conc: 23.60 ng/ml



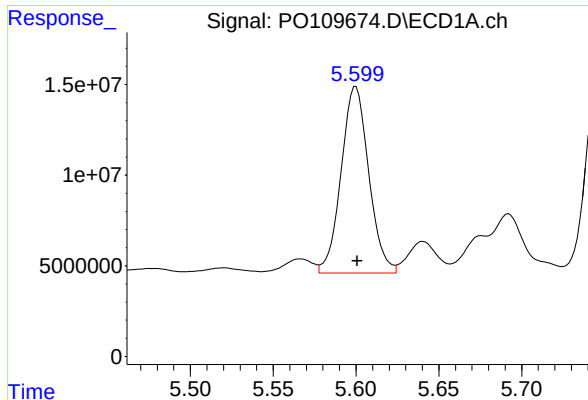
#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.001 min
Response: 210713215
Conc: 24.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 88066743
Conc: 27.66 ng/ml



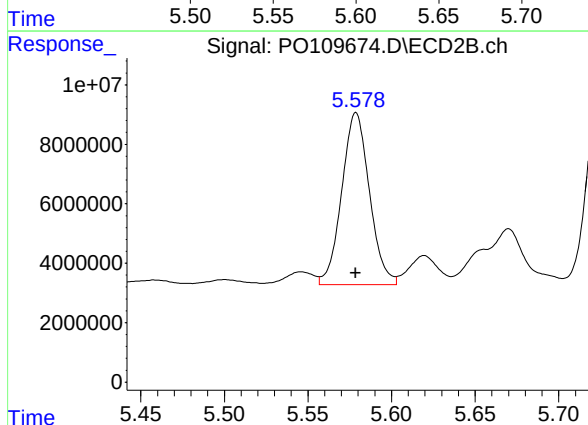
#26 AR-1254-1

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 119483156
Conc: 231.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14B

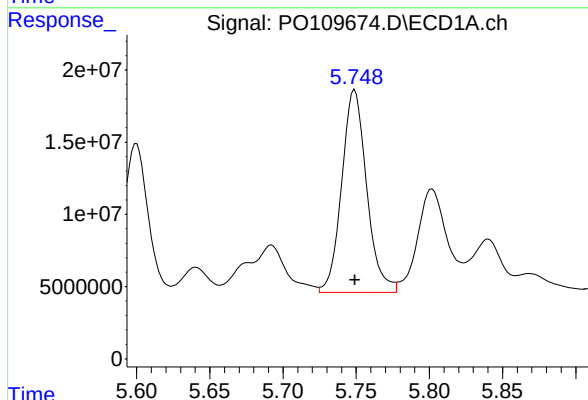
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



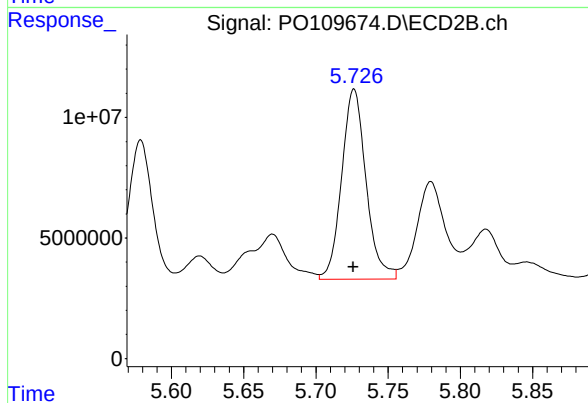
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 66804668
Conc: 255.43 ng/ml



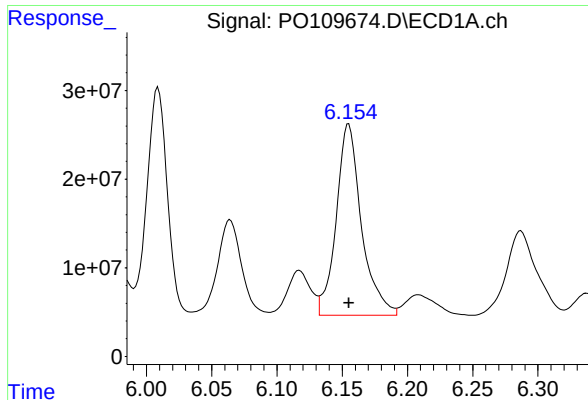
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 166422182
Conc: 369.52 ng/ml



#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 92811938
Conc: 395.68 ng/ml



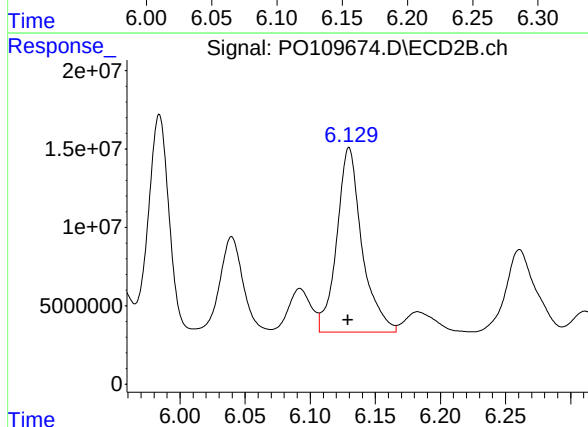
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 290667678
Conc: 405.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14B

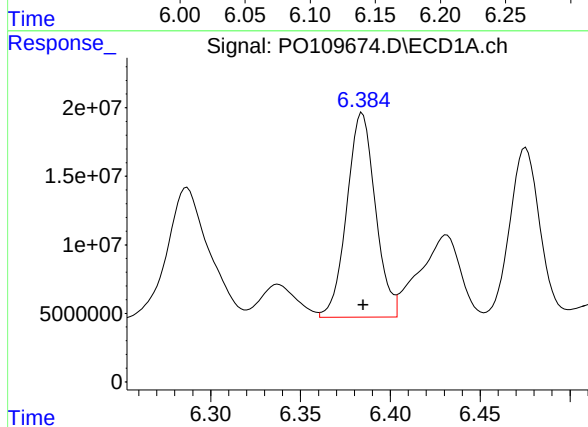
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



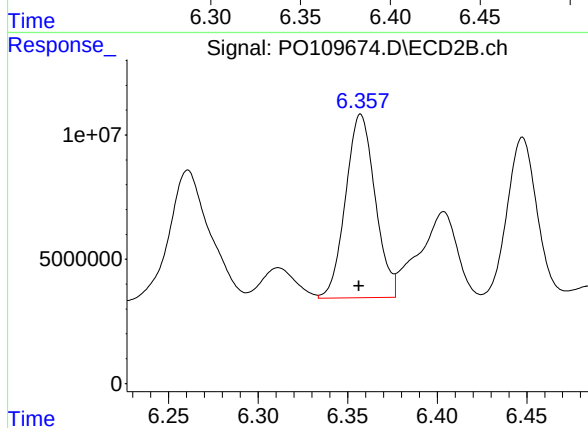
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 158395768
Conc: 444.05 ng/ml



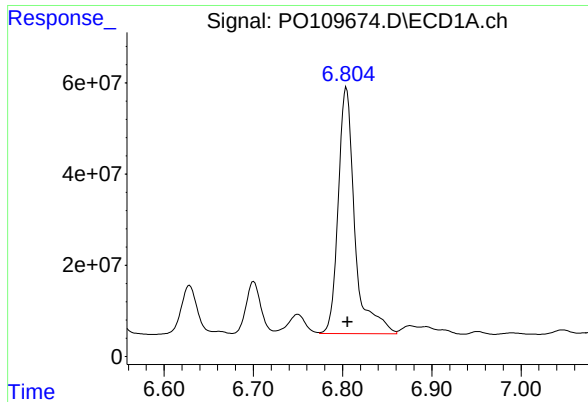
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 165114191
Conc: 394.26 ng/ml



#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 84985629
Conc: 440.06 ng/ml



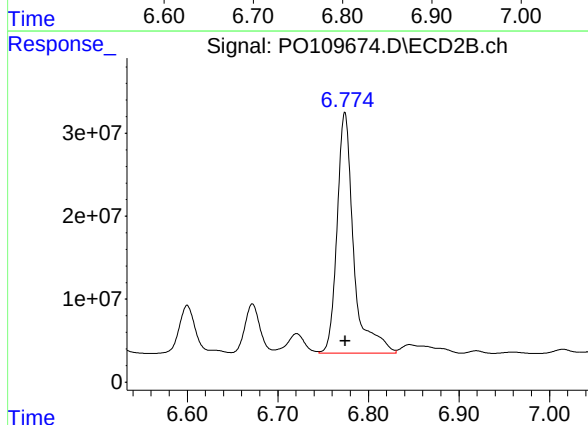
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.001 min
Response: 696717809
Conc: 1116.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14B

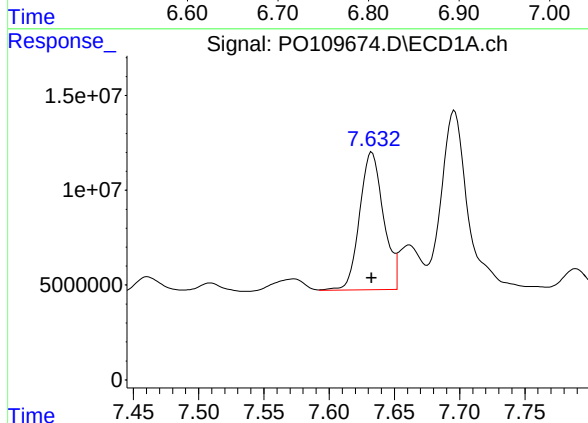
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



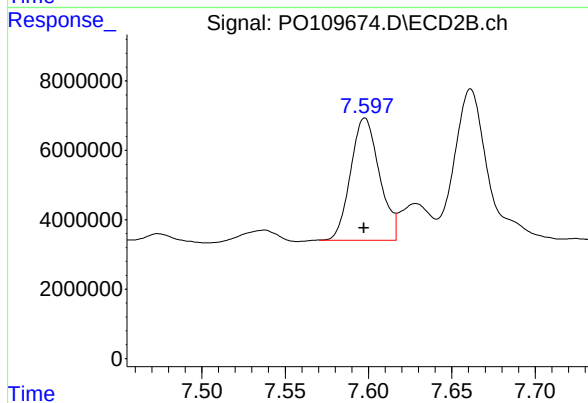
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 370533479
Conc: 1248.71 ng/ml



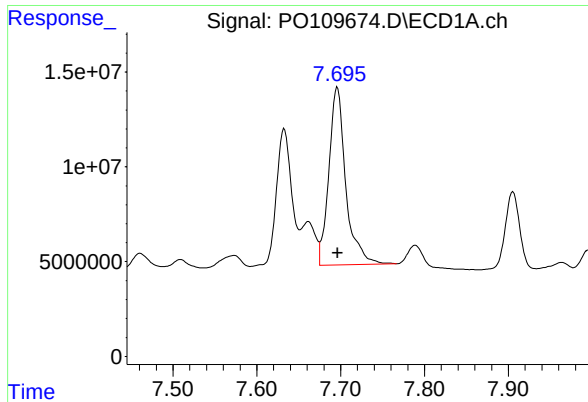
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 92214347
Conc: 69.64 ng/ml



#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 42292464
Conc: 74.01 ng/ml m



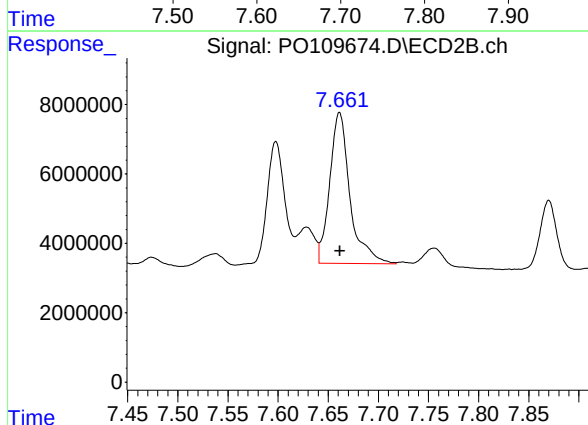
#42 AR-1268-2

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 132187145
Conc: 109.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14B

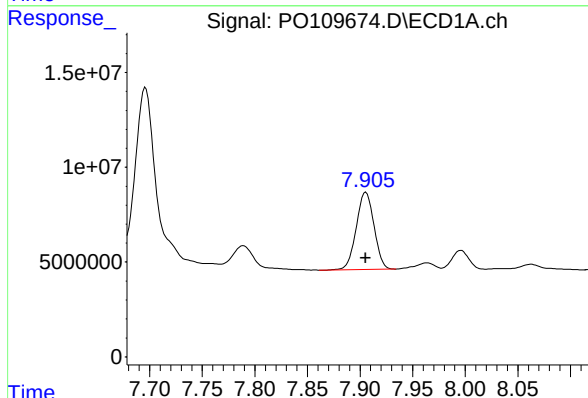
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



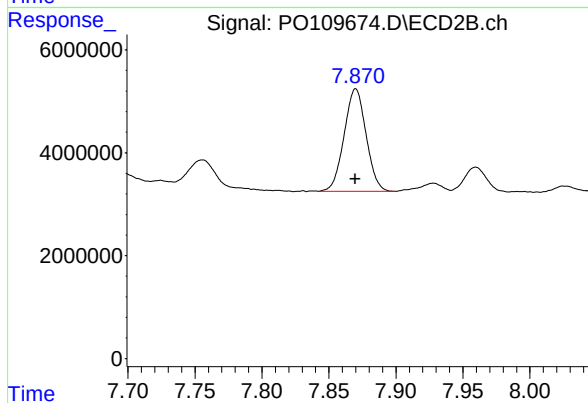
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 61327651
Conc: 116.83 ng/ml



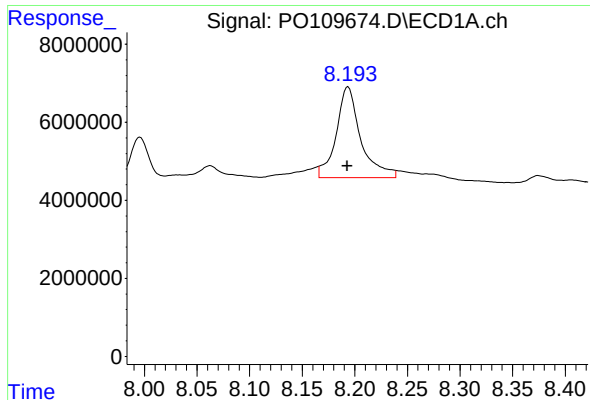
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 47746220
Conc: 46.89 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 22640616
Conc: 52.89 ng/ml



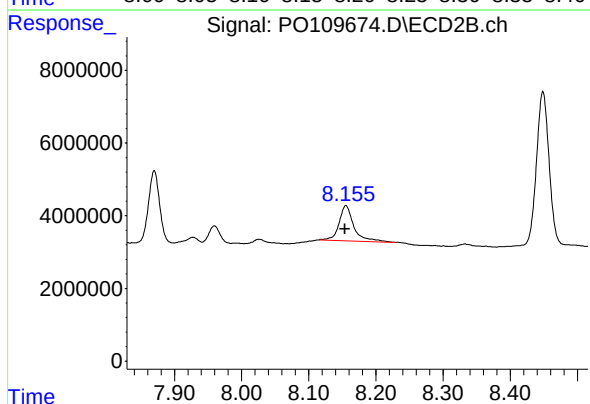
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 37675819
Conc: 88.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-14B

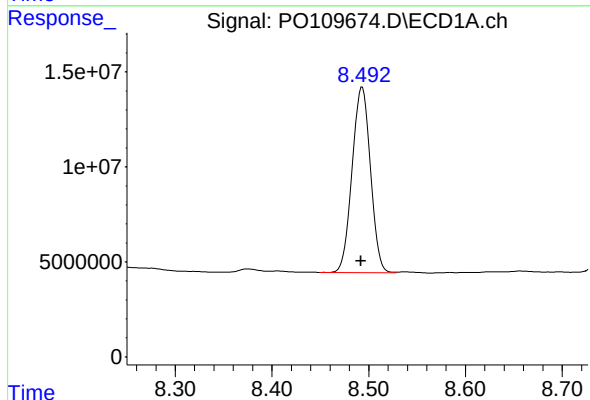
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



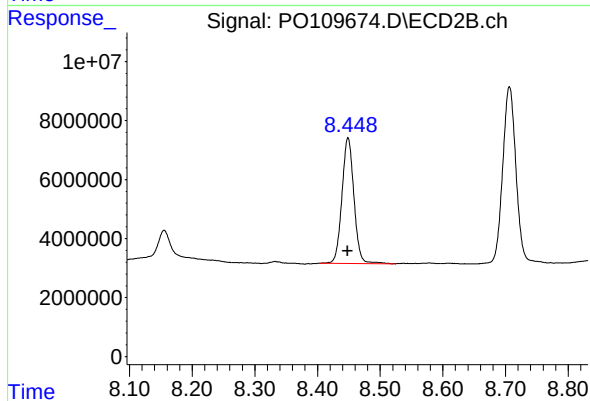
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 14753866
Conc: 91.45 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.001 min
Response: 128533919
Conc: 42.57 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 56647057
Conc: 51.82 ng/ml



CALIBRATION SUMMARY

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

[illegible]

[illegible]

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

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02
Lab Code: CHEM **Case No.:** Q1437 **SAS No.:** Q1437 **SDG NO.:** Q1437
Instrument ID: ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025
Calibration Times: 16:46 01:02

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

LAB FILE ID:		CF 1000 = <u>PO109426.D</u>		CF 750 = <u>PO109427.D</u>			
CF 500 = <u>PO109428.D</u>		CF 250 = <u>PO109429.D</u>		CF 050 = <u>PO109430.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	285955176	296470909	301678880	330073932	327272520	308290283
Aroclor-1016-2	(2)	400344510	409149469	414645114	446605912	434387780	421026557
Aroclor-1016-3	(3)	275712654	284750529	289403798	321232168	307985600	295816950
Aroclor-1016-4	(4)	217819857	224475380	225979744	249359212	241266360	231780111
Aroclor-1016-5	(5)	234915990	244172492	252269048	280073416	279718840	258229957
Aroclor-1260-1	(1)	432857882	445030616	458030860	496965692	497771560	466131322
Aroclor-1260-2	(2)	530613873	540598143	549997768	596865796	607516180	565118352
Aroclor-1260-3	(3)	446055940	458685821	463532386	505033376	504998020	475661109
Aroclor-1260-4	(4)	409227231	417077069	426071740	458083200	447546300	431601108
Aroclor-1260-5	(5)	975246933	982402905	1001465846	1034939896	975352280	993881572
Decachlorobiphenyl		8144381710	8253336907	8542716440	9068866760	9000001000	8601860563
Tetrachloro-m-xylene		9594159870	9382441773	9407964980	9839303320	9101752600	9465124509
Aroclor-1242-1	(1)	241553792	248781753	263582376	278206104	276700060	261764817
Aroclor-1242-2	(2)	330250979	341141312	360022594	377835792	370979720	356046079
Aroclor-1242-3	(3)	230958690	239403319	256570990	271941764	257976860	251370325
Aroclor-1242-4	(4)	181873604	188232188	200194694	210194852	201763980	196451864
Aroclor-1242-5	(5)	192196869	198312276	212424054	232317448	236630280	214376185
Decachlorobiphenyl		7571460160	7783053733	8197005760	8686332120	8704566000	8188483555
Tetrachloro-m-xylene		9236931880	9400204853	9446860340	9568057960	9056865000	9341784007
Aroclor-1248-1	(1)	183385441	189253437	200901320	213658596	210346400	199509039
Aroclor-1248-2	(2)	249519113	262229969	281655510	299590856	298458120	278290714
Aroclor-1248-3	(3)	313646829	324719312	346217716	370103360	392176240	349372691
Aroclor-1248-4	(4)	439951399	452724037	479184310	509535492	504078340	477094716
Aroclor-1248-5	(5)	310476659	318507132	337630456	365736804	380196620	342509534
Decachlorobiphenyl		7703959900	7913043760	8337132500	8816038680	8879579800	8329950928
Tetrachloro-m-xylene		9154374770	9319706587	9763537060	9884300480	9250244600	9474432699
Aroclor-1254-1	(1)	480630669	491242291	514290722	548494120	543375540	515606668
Aroclor-1254-2	(2)	417535343	429223996	451482582	481224324	472406420	450374533
Aroclor-1254-3	(3)	684838056	697322969	725628940	760808456	711178620	715955408
Aroclor-1254-4	(4)	417970360	409808872	428749386	461366848	376062040	418791501
Aroclor-1254-5	(5)	597298518	608943563	631623464	663830224	617819000	623902954
Decachlorobiphenyl		7967092830	8125756000	8528343640	8986366600	8782372000	8477986214
Tetrachloro-m-xylene		9511051460	9602004080	9843620680	9994457760	8495604200	9489347636
Aroclor-1268-1	(1)	1298860853	1294002563	1318124330	1365675636	1344427900	1324218256



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1196326079	1189492827	1207881780	1246550744	1205280700	1209106426	2
Aroclor-1268-3	(3)	1000400149	998939115	1012813102	1049647308	1029090160	1018177967	2
Aroclor-1268-4	(4)	407507962	408969772	420298422	442140308	445377360	424858765	4
Aroclor-1268-5	(5)	3060378797	3013397139	3036609122	3075360324	2912511720	3019651420	2
Decachlorobiphenyl		14147642890	14125651173	14472115980	15180190720	15441285400	14673377233	4
Tetrachloro-m-xylene		9652630020	9799388160	9953085600	10360200640	9708060200	9894672924	3



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Instrument ID: ECD_O

Calibration Date(s): 02/20/2025 02/21/2025

Calibration Times: 16:46 01:02

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

LAB FILE ID:		CF 1000 = <u>PO109426.D</u>		CF 750 = <u>PO109427.D</u>			
CF 500 = <u>PO109428.D</u>		CF 250 = <u>PO109429.D</u>		CF 050 = <u>PO109430.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	144422659	148428763	152032096	167484860	168484300	7
Aroclor-1016-2	(2)	205202725	208508729	213432994	229519564	225505040	5
Aroclor-1016-3	(3)	112302196	115067393	117212622	128579748	124094120	6
Aroclor-1016-4	(4)	94709981	98717735	101165102	112923876	112836120	8
Aroclor-1016-5	(5)	124417087	127943616	132644098	146345704	149917060	8
Aroclor-1260-1	(1)	217936136	223782013	232739904	251644640	258495520	7
Aroclor-1260-2	(2)	255563339	259366392	268832038	291215424	300878620	7
Aroclor-1260-3	(3)	239301078	242165468	249897958	270279452	273707020	6
Aroclor-1260-4	(4)	193987222	196916529	202218624	218214048	219624820	6
Aroclor-1260-5	(5)	436097628	435546231	443785112	464386884	459099080	3
Decachlorobiphenyl		2971514290	3027039307	3156019460	3385128400	3381593200	6
Tetrachloro-m-xylene		5186272490	5246400280	5221242400	5478386840	5038748400	3
Aroclor-1242-1	(1)	120966720	124746516	133128702	141428800	141463920	7
Aroclor-1242-2	(2)	169605960	173512545	183266616	192017376	189176180	5
Aroclor-1242-3	(3)	93390359	96634075	102245092	107691940	99411220	5
Aroclor-1242-4	(4)	96389066	101019272	107789002	115338428	114056640	8
Aroclor-1242-5	(5)	113196636	117716005	125239314	135801980	136573300	8
Decachlorobiphenyl		2727823240	2861750760	3019178360	3243379080	3243962600	8
Tetrachloro-m-xylene		5001213420	5078322907	5254229320	5289448280	4851665000	4
Aroclor-1248-1	(1)	91256927	94139561	100767396	107614600	108857060	8
Aroclor-1248-2	(2)	130560541	136645137	146421094	157143508	156628300	8
Aroclor-1248-3	(3)	139283148	144897643	155701690	166430352	168727860	8
Aroclor-1248-4	(4)	163903044	169411200	180364434	193711724	196594760	8
Aroclor-1248-5	(5)	154356880	158447996	169575560	183331920	195308840	10
Decachlorobiphenyl		2790488700	2873613467	3038569420	3241156720	3294897400	7
Tetrachloro-m-xylene		4955293160	5040468413	5221131320	5264696400	4750589600	4
Aroclor-1254-1	(1)	243640751	248872624	260914738	280861344	273402140	6
Aroclor-1254-2	(2)	212545511	218679507	230680254	249214456	261687520	9
Aroclor-1254-3	(3)	339799719	346366689	360950750	378906048	357499640	4
Aroclor-1254-4	(4)	192329190	189854227	199746634	214807996	168878980	9
Aroclor-1254-5	(5)	278490681	283928981	296376396	314100456	310764660	5
Decachlorobiphenyl		2841760820	2921691133	3072525860	3310057280	3280037800	7
Tetrachloro-m-xylene		5117525260	5147853200	5214583540	5337931960	4481650800	7
Aroclor-1268-1	(1)	554131487	553810328	564174560	591076320	593868340	3



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	512614105	511079256	520949472	543420336	536655740	524943782	3
Aroclor-1268-3	(3)	413643589	412567932	420525622	442592008	450889440	428043718	4
Aroclor-1268-4	(4)	153729603	155030577	163078820	169661456	165174880	161335067	4
Aroclor-1268-5	(5)	1087226853	1077982207	1085826158	1121186428	1093500600	1093144449	2
Decachlorobiphenyl		4950835750	4972853373	5123922200	5430816080	5582978400	5212281161	5
Tetrachloro-m-xylene		5266816140	5271127760	5328349480	5507659840	5128975000	5300585644	3



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Instrument ID: ECD_O Date(s) Analyzed: 02/20/2025 02/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.91	3.81	4.01	131879000
		2	4.00	3.90	4.10	98701000
		3	4.07	3.97	4.17	269838000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.07	3.97	4.17	208928000
		2	4.57	4.47	4.67	116083000
		3	4.81	4.71	4.91	201936000
		4	4.99	4.89	5.09	111220000
		5	5.03	4.93	5.13	81668600
Aroclor-1262	500	1	6.85	6.75	6.95	665842000
		2	7.35	7.25	7.45	1129720000
		3	7.63	7.53	7.73	448264000
		4	7.70	7.60	7.80	829210000
		5	8.19	8.09	8.29	373330000



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Instrument ID: ECD_O Date(s) Analyzed: 02/20/2025 02/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.91	3.81	4.01	68502400
		2	3.99	3.89	4.09	51339800
		3	4.07	3.97	4.17	145428000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.07	3.97	4.17	111462000
		2	4.80	4.70	4.90	103317000
		3	4.97	4.87	5.07	56771800
		4	5.06	4.96	5.16	54894600
		5	5.23	5.13	5.33	58805000
Aroclor-1262	500	1	6.81	6.71	6.91	317212000
		2	7.31	7.21	7.41	498620000
		3	7.60	7.50	7.70	196255000
		4	7.66	7.56	7.76	354890000
		5	8.15	8.05	8.25	143138000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109426.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 16:46
 Operator : YP/AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:01:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:00:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	959.4E6	518.6E6	101.979	99.330
2) SA Decachlor...	8.757	8.706	814.4E6	297.2E6	95.337	94.154
Target Compounds						
3) L1 AR-1016-1	4.792	4.777	286.0E6	144.4E6	947.879	949.948
4) L1 AR-1016-2	4.811	4.797	400.3E6	205.2E6	965.511	961.439
5) L1 AR-1016-3	4.867	4.972	275.7E6	112.3E6	952.692	958.107
6) L1 AR-1016-4	4.988	5.014	217.8E6	94709981	963.891	936.192
7) L1 AR-1016-5	5.246	5.228	234.9E6	124.4E6	931.212	937.977
31) L7 AR-1260-1	6.288	6.261	432.9E6	217.9E6	945.041	936.394
32) L7 AR-1260-2	6.477	6.448	530.6E6	255.6E6	964.756	950.643
33) L7 AR-1260-3	6.845	6.602	446.1E6	239.3E6	962.297	957.595
34) L7 AR-1260-4	7.106	7.073	409.2E6	194.0E6	960.466	959.295
35) L7 AR-1260-5	7.347	7.314	975.2E6	436.1E6	973.819	982.677

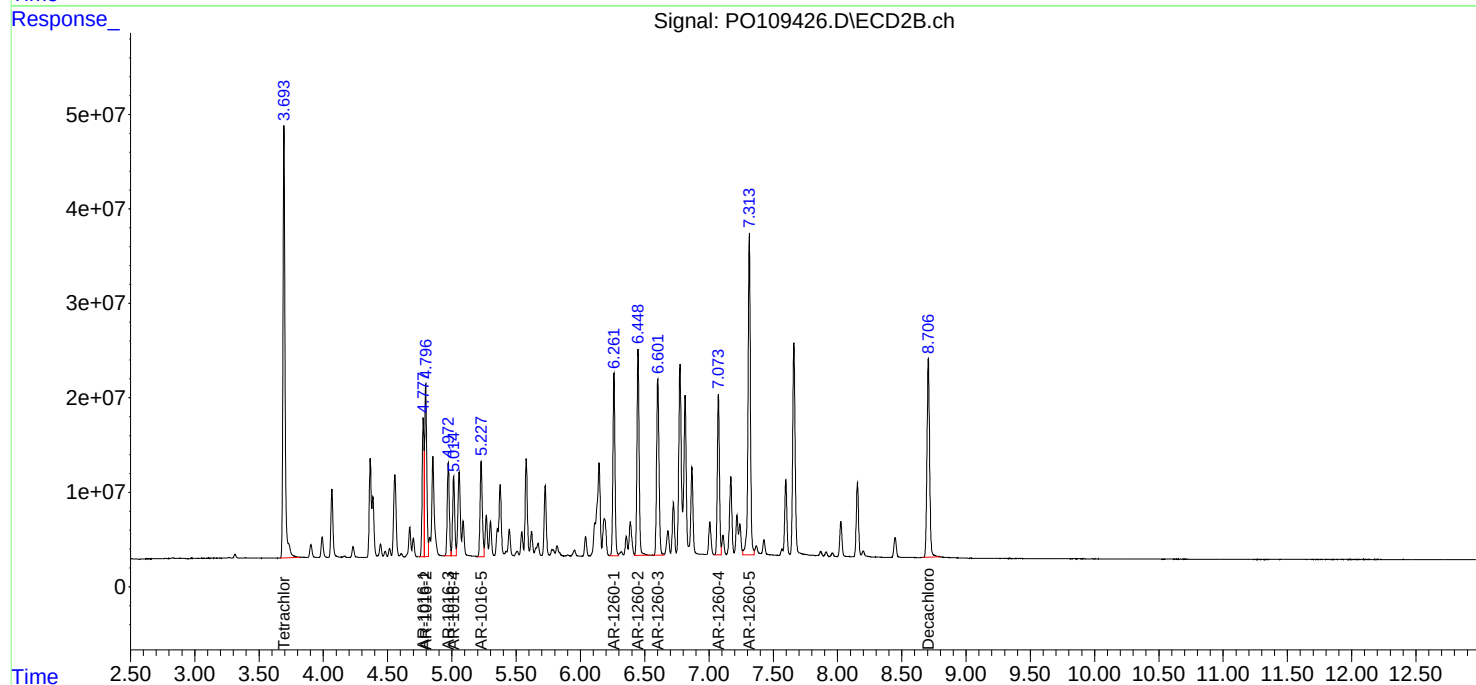
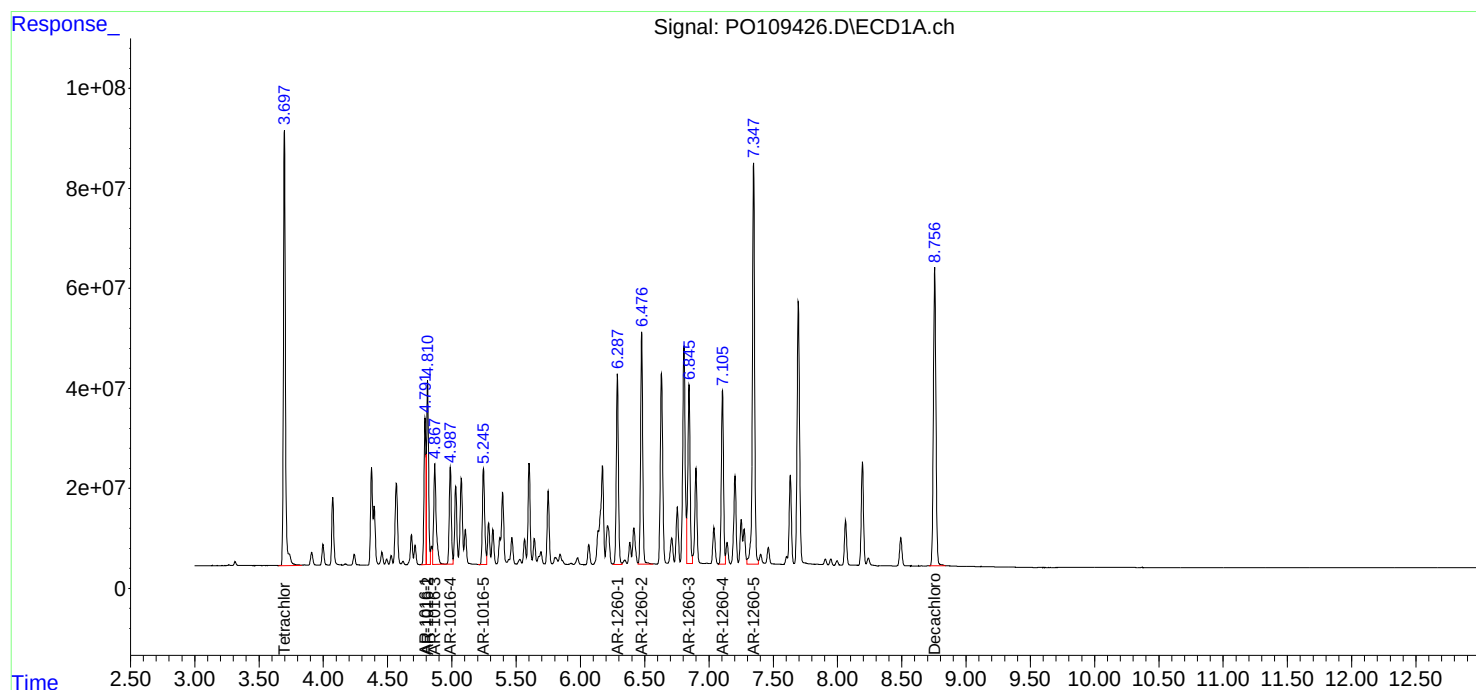
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:46
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 17:04
 Operator : YP/AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:01:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:00:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	703.7E6	393.5E6	74.797	75.361
2) SA Decachlor...	8.756	8.707	619.0E6	227.0E6	72.459	71.935
Target Compounds						
3) L1 AR-1016-1	4.792	4.777	222.4E6	111.3E6	737.053	732.224
4) L1 AR-1016-2	4.811	4.797	306.9E6	156.4E6	740.060	732.696
5) L1 AR-1016-3	4.868	4.972	213.6E6	86300545	737.941	736.273
6) L1 AR-1016-4	4.988	5.014	168.4E6	74038301	745.007	731.856
7) L1 AR-1016-5	5.246	5.227	183.1E6	95957712	725.929	723.422
31) L7 AR-1260-1	6.288	6.261	333.8E6	167.8E6	728.713	721.133
32) L7 AR-1260-2	6.477	6.448	405.4E6	194.5E6	737.182	723.592
33) L7 AR-1260-3	6.845	6.602	344.0E6	181.6E6	742.158	726.793
34) L7 AR-1260-4	7.106	7.073	312.8E6	147.7E6	734.167	730.335
35) L7 AR-1260-5	7.347	7.314	736.8E6	326.7E6	735.724	736.076

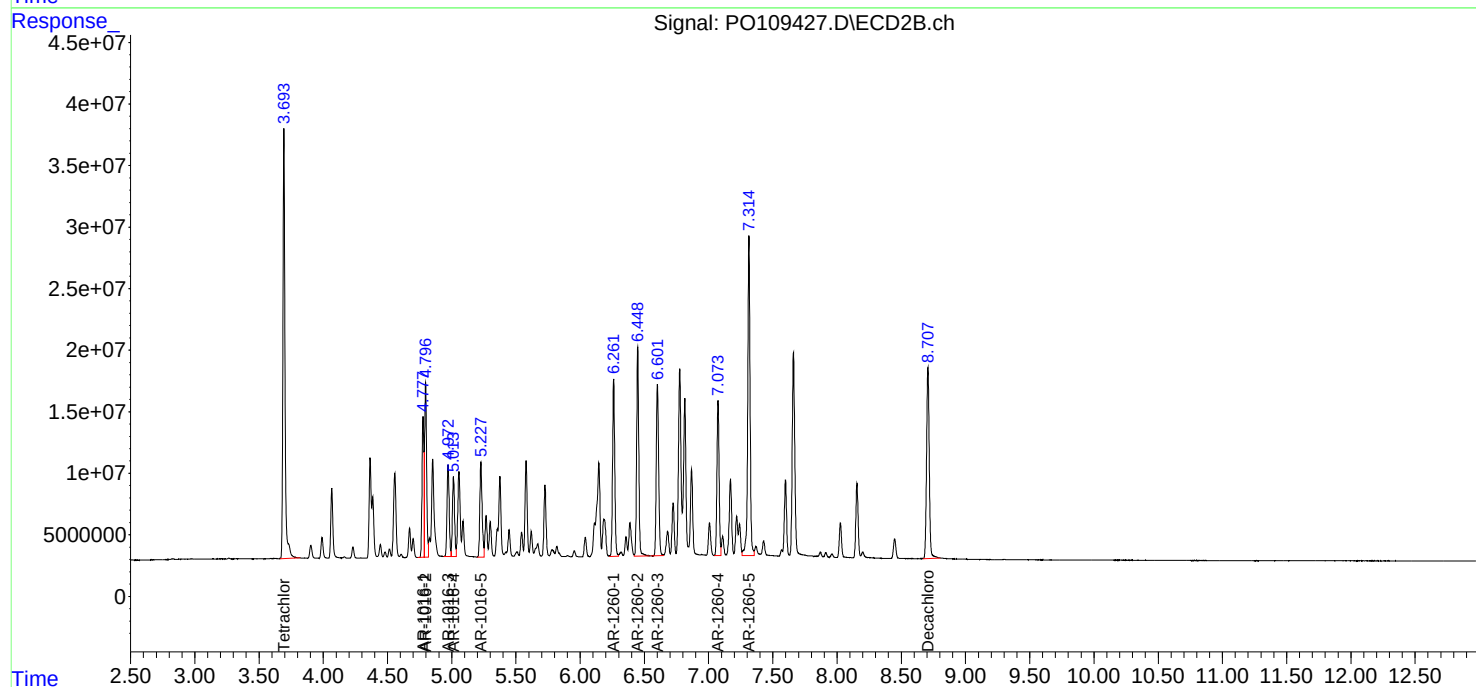
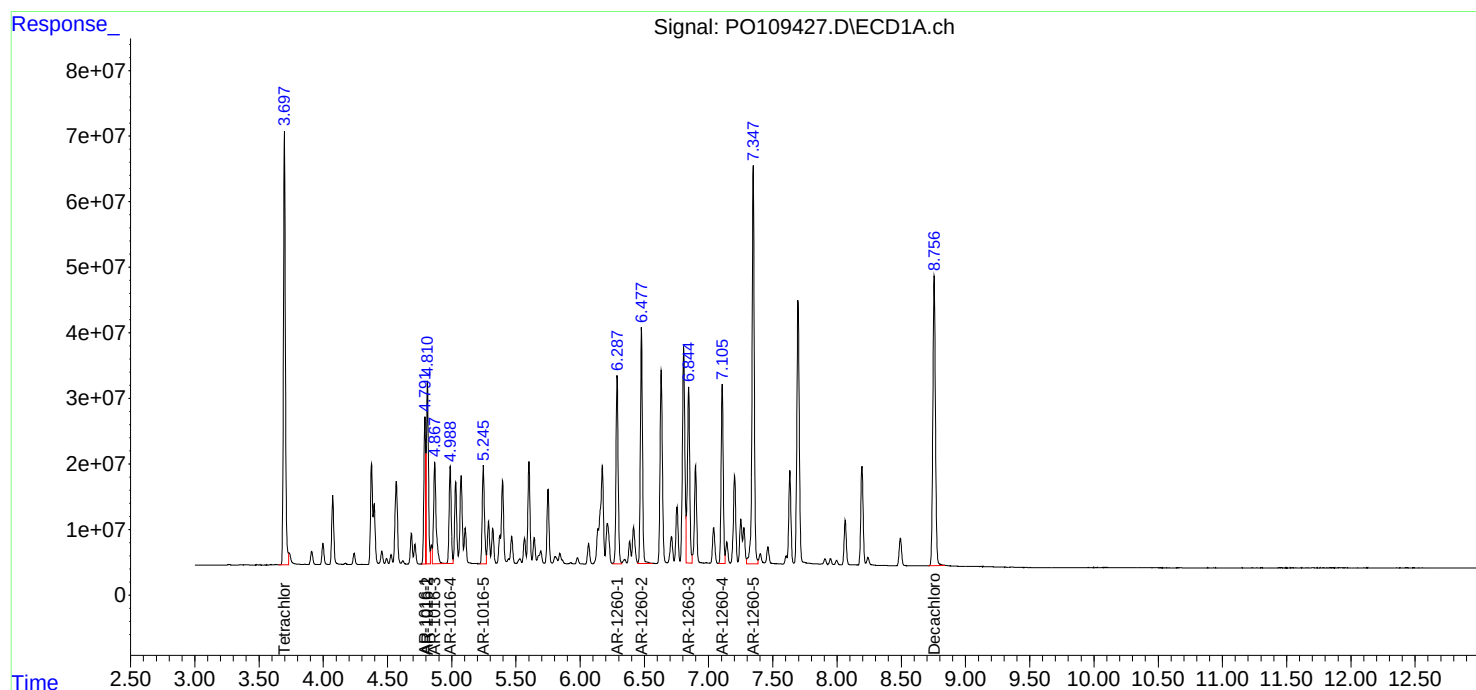
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:04
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 17:23
 Operator : YP/AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:01:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:00:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.698	3.694	470.4E6	261.1E6	50.000	50.000
2) SA Decachlor...	8.757	8.707	427.1E6	157.8E6	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	4.791	4.778	150.8E6	76016048	500.000	500.000
4) L1 AR-1016-2	4.811	4.797	207.3E6	106.7E6	500.000	500.000
5) L1 AR-1016-3	4.867	4.972	144.7E6	58606311	500.000	500.000
6) L1 AR-1016-4	4.988	5.014	113.0E6	50582551	500.000	500.000
7) L1 AR-1016-5	5.245	5.227	126.1E6	66322049	500.000	500.000
31) L7 AR-1260-1	6.288	6.261	229.0E6	116.4E6	500.000	500.000
32) L7 AR-1260-2	6.477	6.448	275.0E6	134.4E6	500.000	500.000
33) L7 AR-1260-3	6.846	6.602	231.8E6	124.9E6	500.000	500.000
34) L7 AR-1260-4	7.105	7.074	213.0E6	101.1E6	500.000	500.000
35) L7 AR-1260-5	7.347	7.314	500.7E6	221.9E6	500.000	500.000

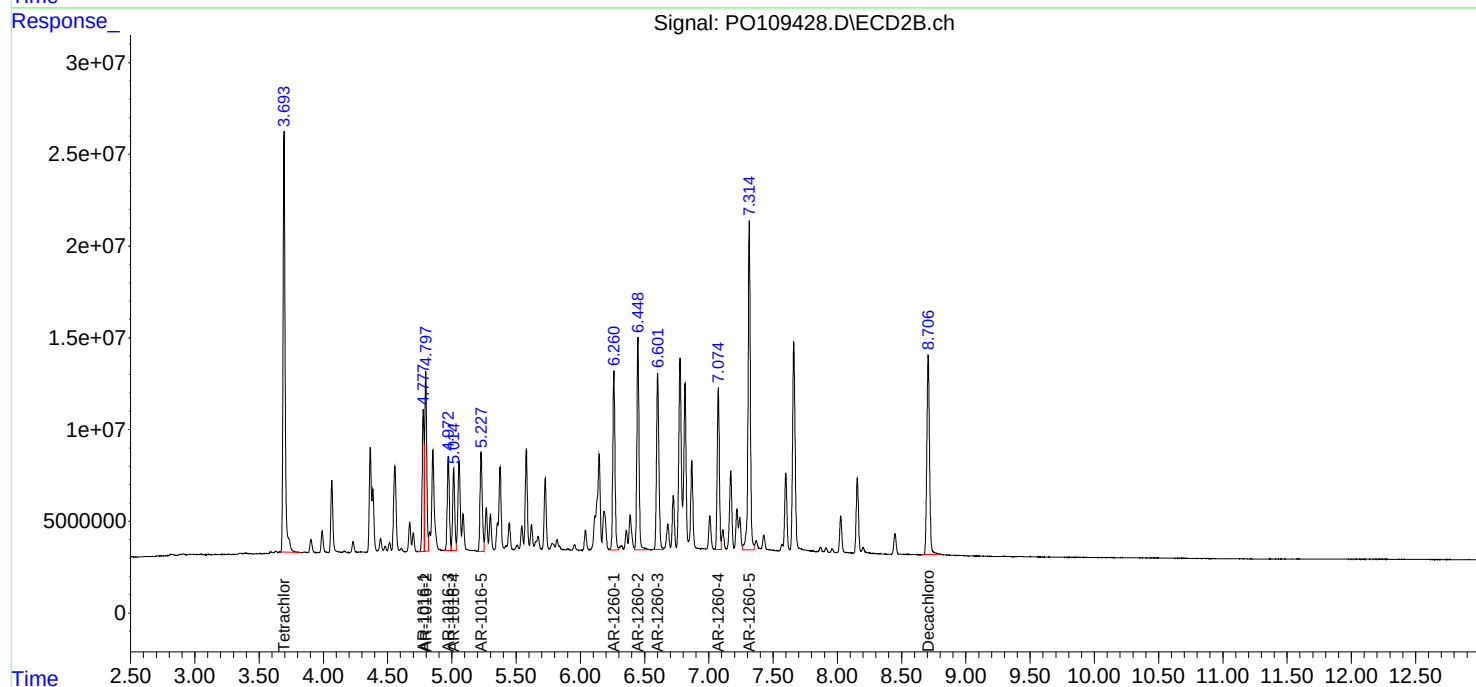
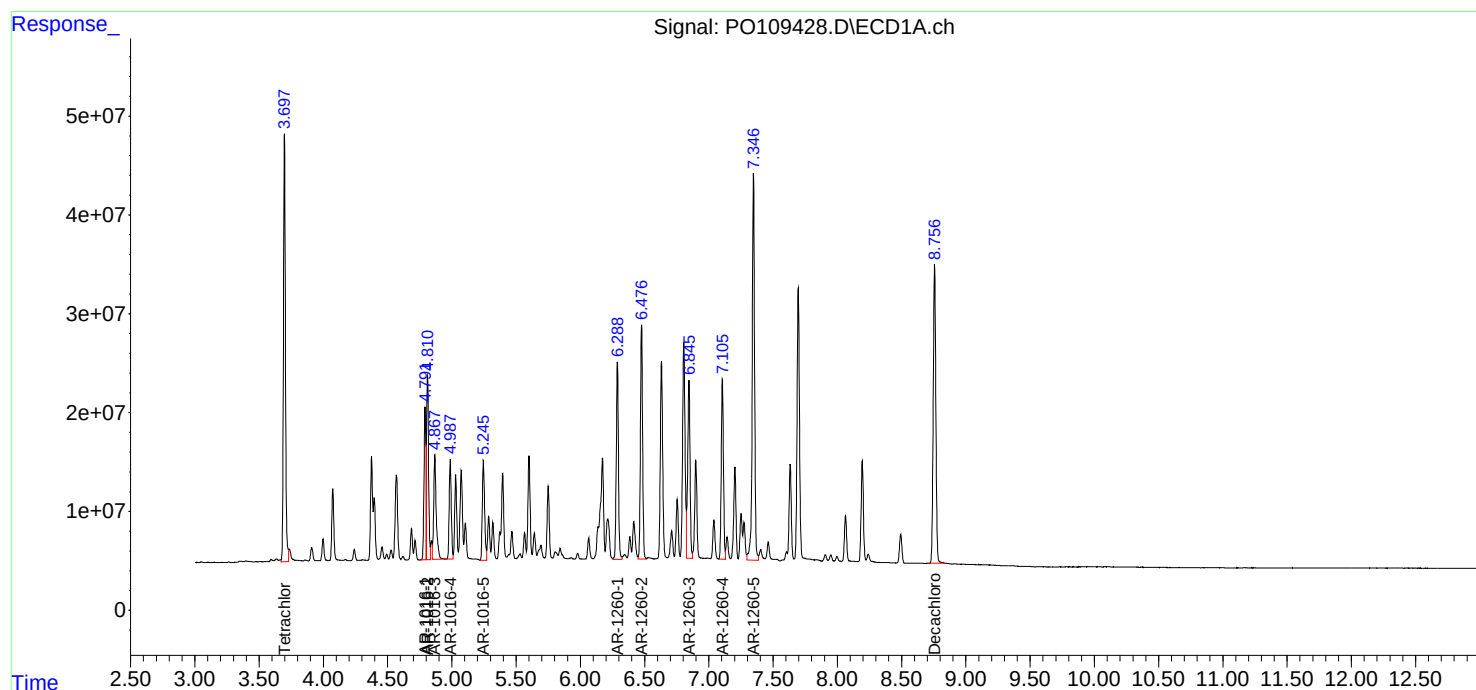
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:23
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 17:41
 Operator : YP/AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:02:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:00:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	246.0E6	137.0E6	26.146	26.231
2) SA Decachlor...	8.756	8.706	226.7E6	84628210	26.540	26.815
Target Compounds						
3) L1 AR-1016-1	4.792	4.777	82518483	41871215	273.531	275.410
4) L1 AR-1016-2	4.811	4.797	111.7E6	57379891	269.270	268.843
5) L1 AR-1016-3	4.867	4.972	80308042	32144937	277.495	274.245
6) L1 AR-1016-4	4.988	5.014	62339803	28230969	275.865	279.058
7) L1 AR-1016-5	5.245	5.227	70018354	36586426	277.554	275.824
31) L7 AR-1260-1	6.288	6.261	124.2E6	62911160	271.251	270.307
32) L7 AR-1260-2	6.477	6.448	149.2E6	72803856	271.304	270.815
33) L7 AR-1260-3	6.845	6.602	126.3E6	67569863	272.383	270.390
34) L7 AR-1260-4	7.105	7.073	114.5E6	54553512	268.783	269.775
35) L7 AR-1260-5	7.347	7.313	258.7E6	116.1E6	258.356	261.606

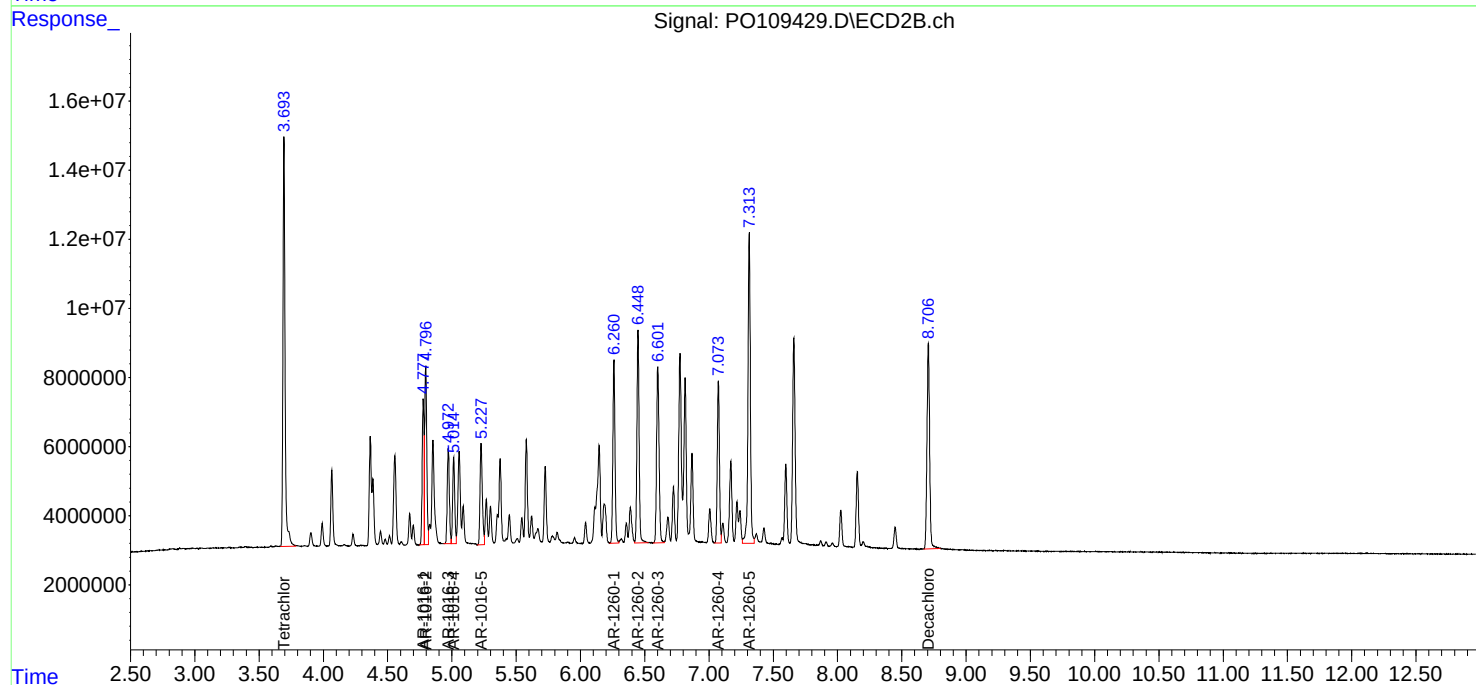
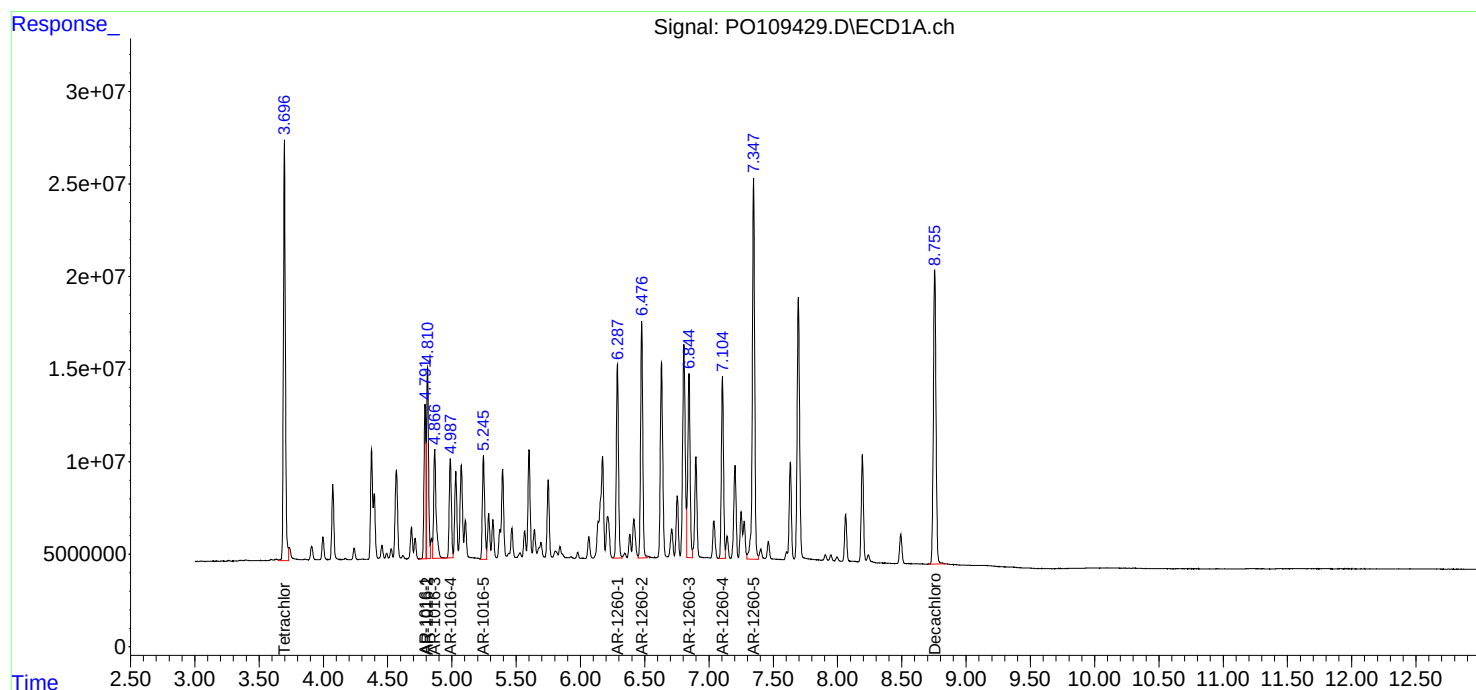
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:41
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 17:59
 Operator : YP/AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:02:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:00:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	45508763	25193742	4.837	4.825
2) SA Decachlor...	8.755	8.705	45000005	16907966	5.268	5.357
Target Compounds						
3) L1 AR-1016-1	4.792	4.777	16363626	8424215	54.242	55.411
4) L1 AR-1016-2	4.812	4.796	21719389	11275252	52.381	52.828
5) L1 AR-1016-3	4.867	4.972	15399280	6204706	53.210	52.935
6) L1 AR-1016-4	4.988	5.014	12063318	5641806	53.382	55.768
7) L1 AR-1016-5	5.246	5.227	13985942	7495853	55.441	56.511
31) L7 AR-1260-1	6.287	6.261	24888578	12924776	54.338	55.533
32) L7 AR-1260-2	6.476	6.448	30375809	15043931	55.229	55.960
33) L7 AR-1260-3	6.844	6.601	25249901	13685351	54.473	54.764
34) L7 AR-1260-4	7.104	7.073	22377315	10981241	52.520	54.304
35) L7 AR-1260-5	7.346	7.313	48767614	22954954	48.696	51.725

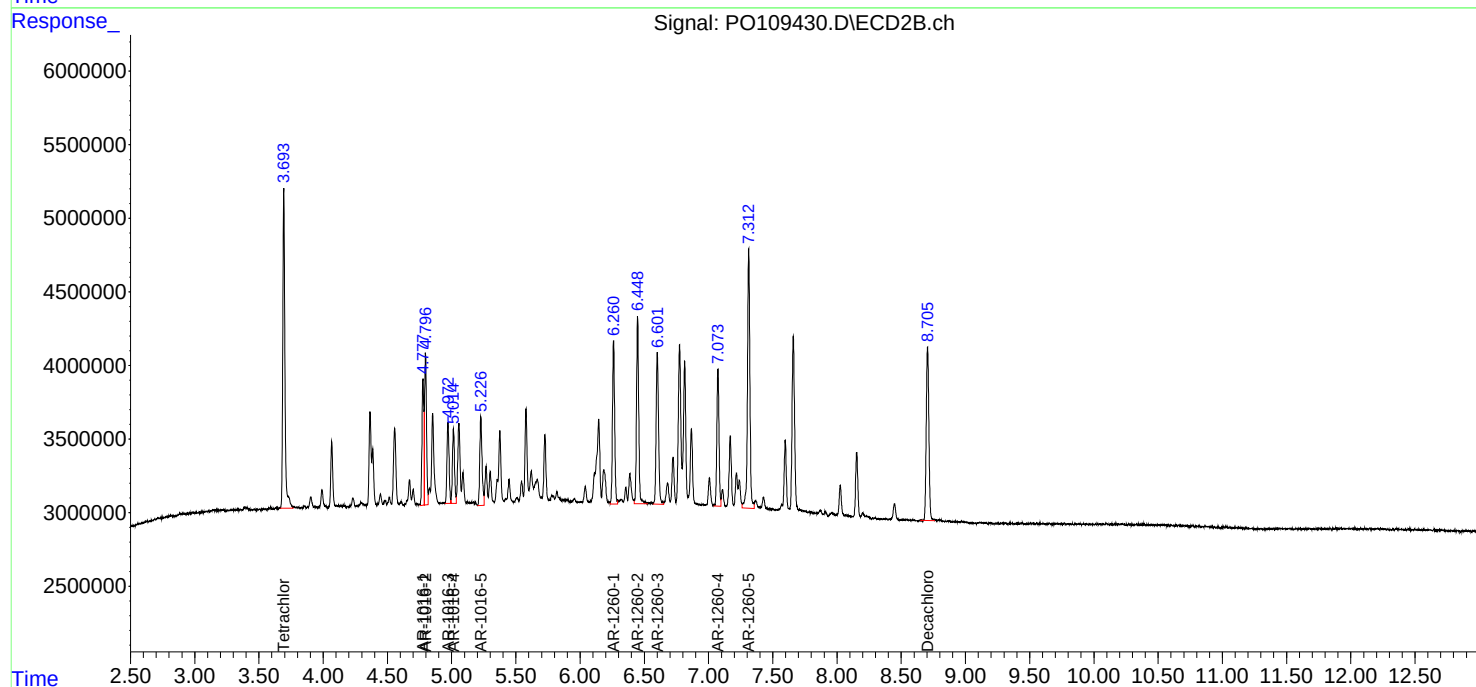
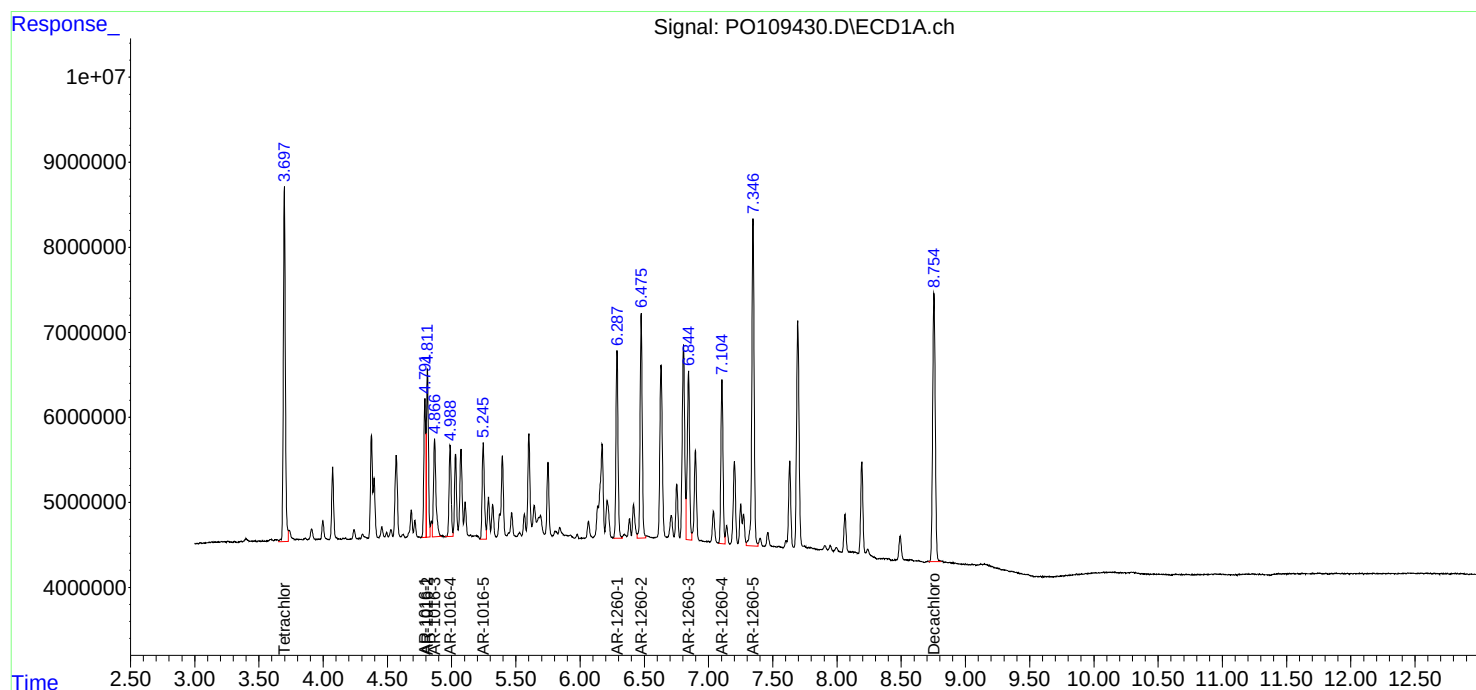
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:59
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 18:18
 Operator : YP/AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:14:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:14:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	493.2E6	265.7E6	50.000	50.000
2) SA Decachlor...	8.755	8.707	432.4E6	160.0E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	3.910	3.905	65939528	34251207	500.000	500.000
9) L2 AR-1221-2	3.997	3.990	49350500	25669896	500.000	500.000
10) L2 AR-1221-3	4.074	4.066	134.9E6	72714061	500.000	500.000

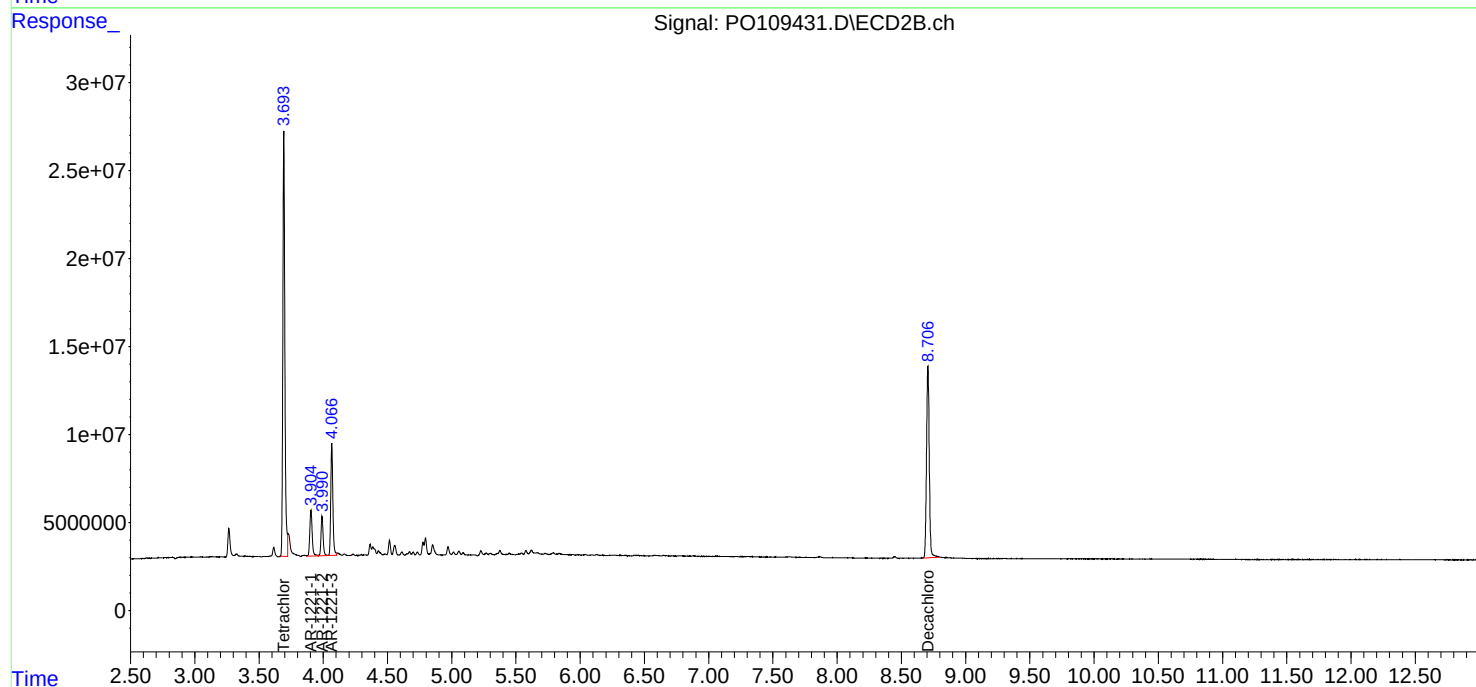
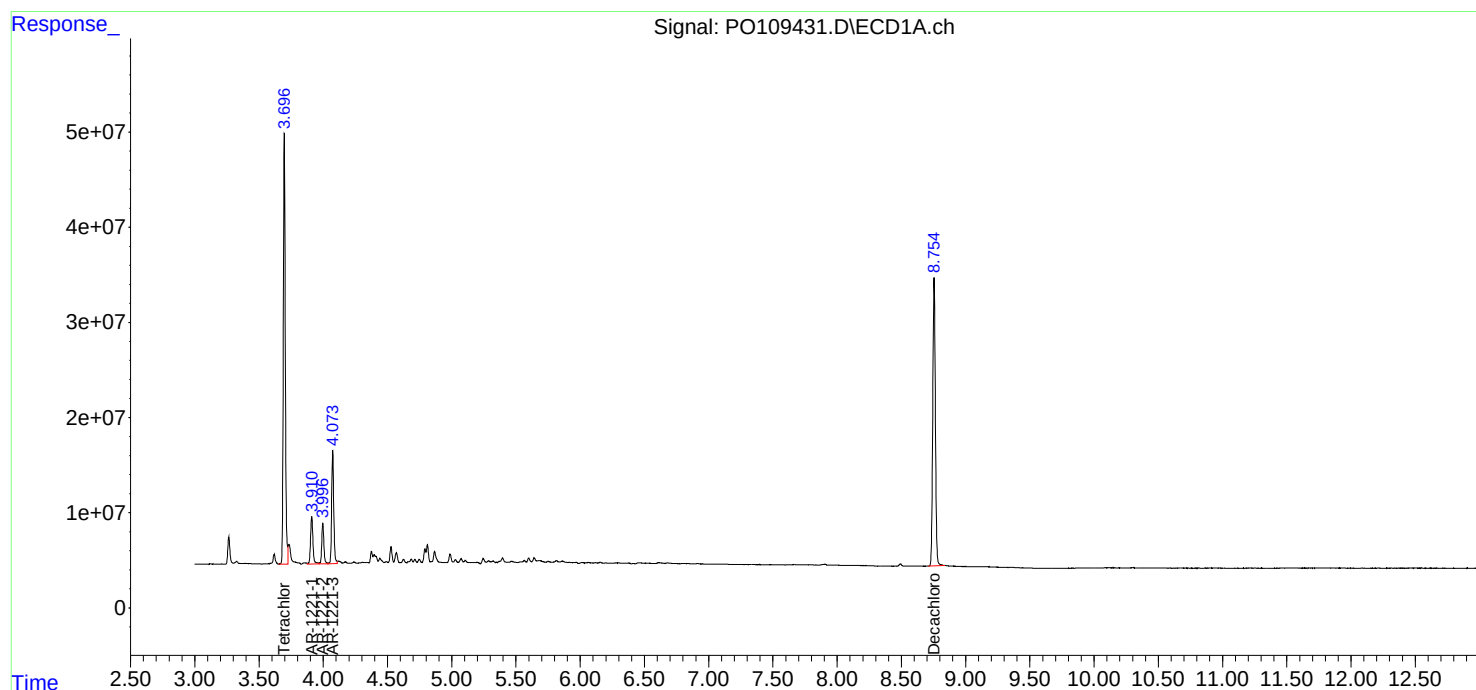
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:18
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:14:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 18:36
 Operator : YP/AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:23:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:22:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	461.7E6	262.6E6	50.000	50.000
2) SA Decachlor...	8.757	8.706	402.2E6	149.0E6	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.074	4.066	104.5E6	55730818	500.000	500.000
12) L3 AR-1232-2	4.569	4.796	58041447	51658633	500.000	500.000
13) L3 AR-1232-3	4.811	4.972	101.0E6	28385926	500.000	500.000
14) L3 AR-1232-4	4.988	5.056	55610100	27447264	500.000	500.000
15) L3 AR-1232-5	5.030	5.227	40834319	29402463	500.000	500.000

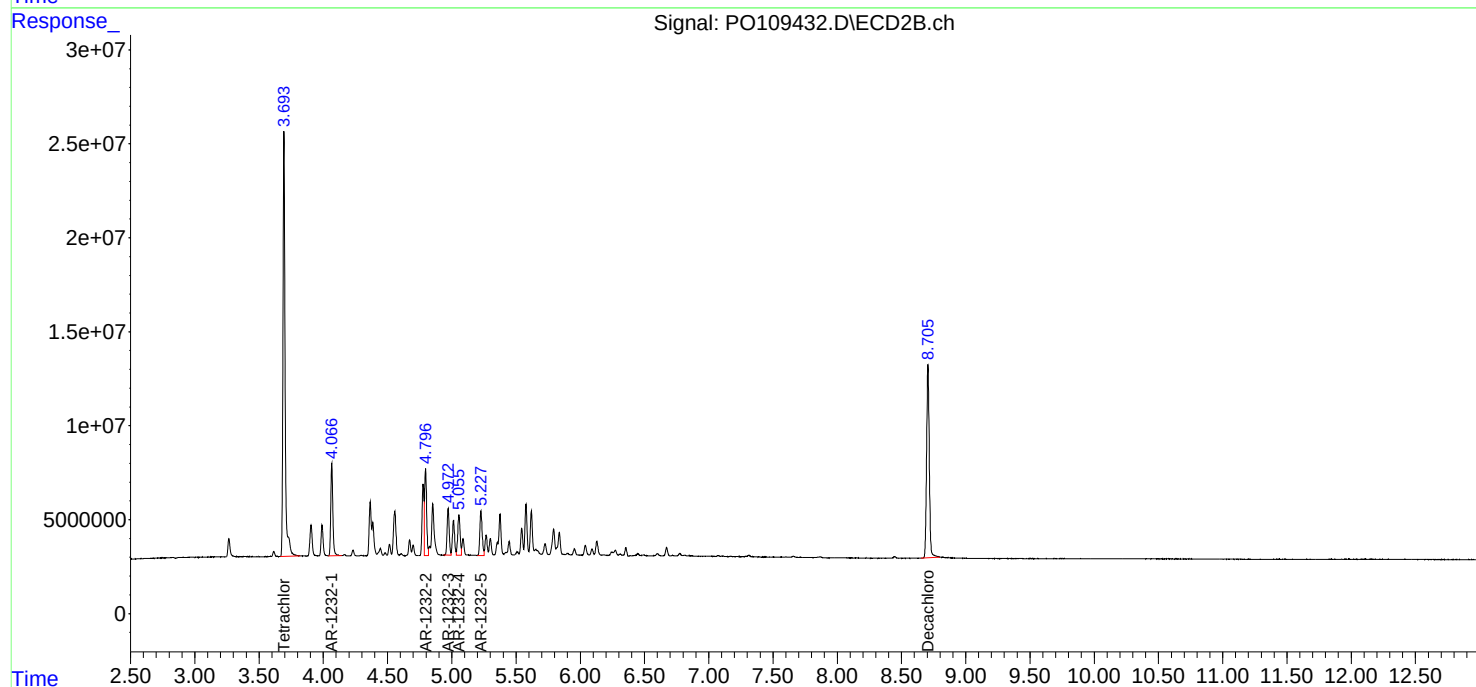
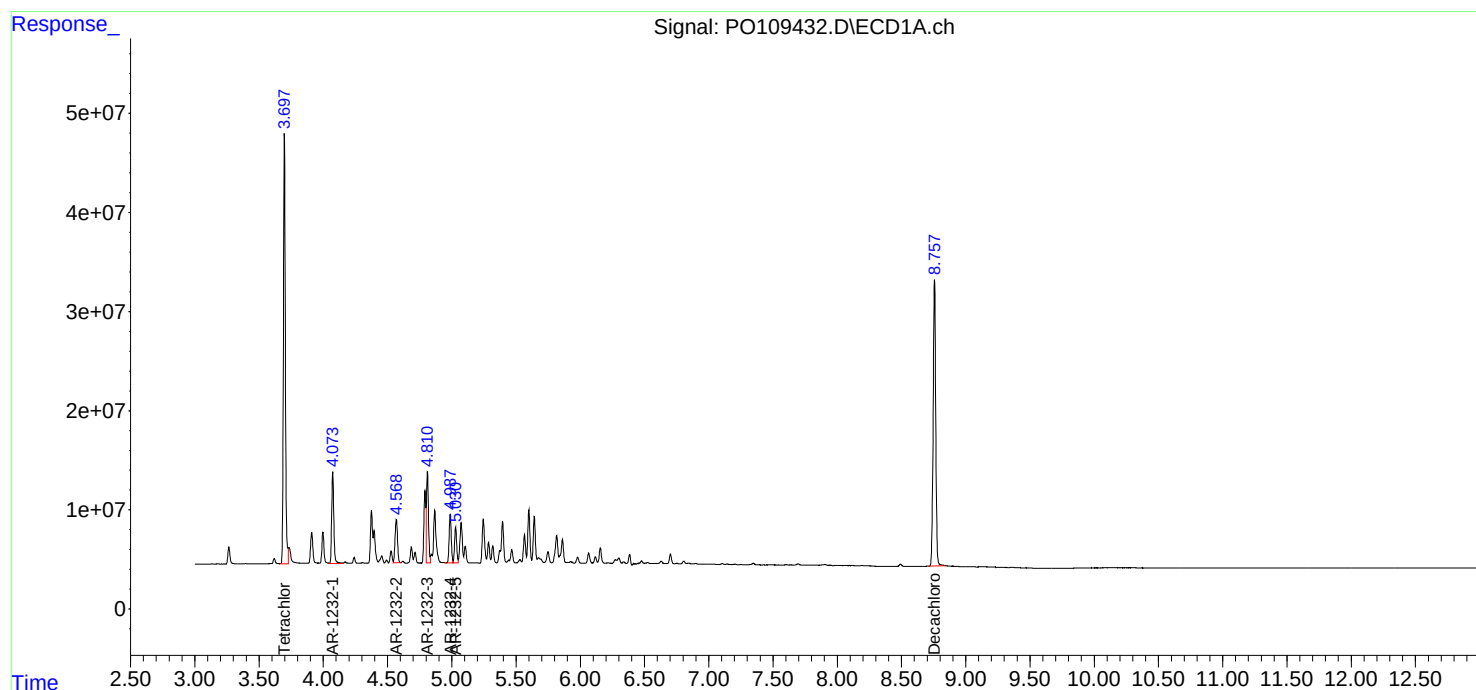
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:36
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:22:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 18:55
 Operator : YP/AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:27:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:26:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	923.7E6	500.1E6	97.778	95.185
2) SA Decachlor...	8.755	8.706	757.1E6	272.8E6	92.369	90.350
Target Compounds						
16) L4 AR-1242-1	4.792	4.777	241.6E6	121.0E6	916.426	908.645
17) L4 AR-1242-2	4.811	4.797	330.3E6	169.6E6	917.306	925.460
18) L4 AR-1242-3	4.867	4.972	231.0E6	93390359	900.175	913.397
19) L4 AR-1242-4	4.988	5.056	181.9E6	96389066	908.484	894.238
20) L4 AR-1242-5	5.642	5.579	192.2E6	113.2E6	904.779	903.843

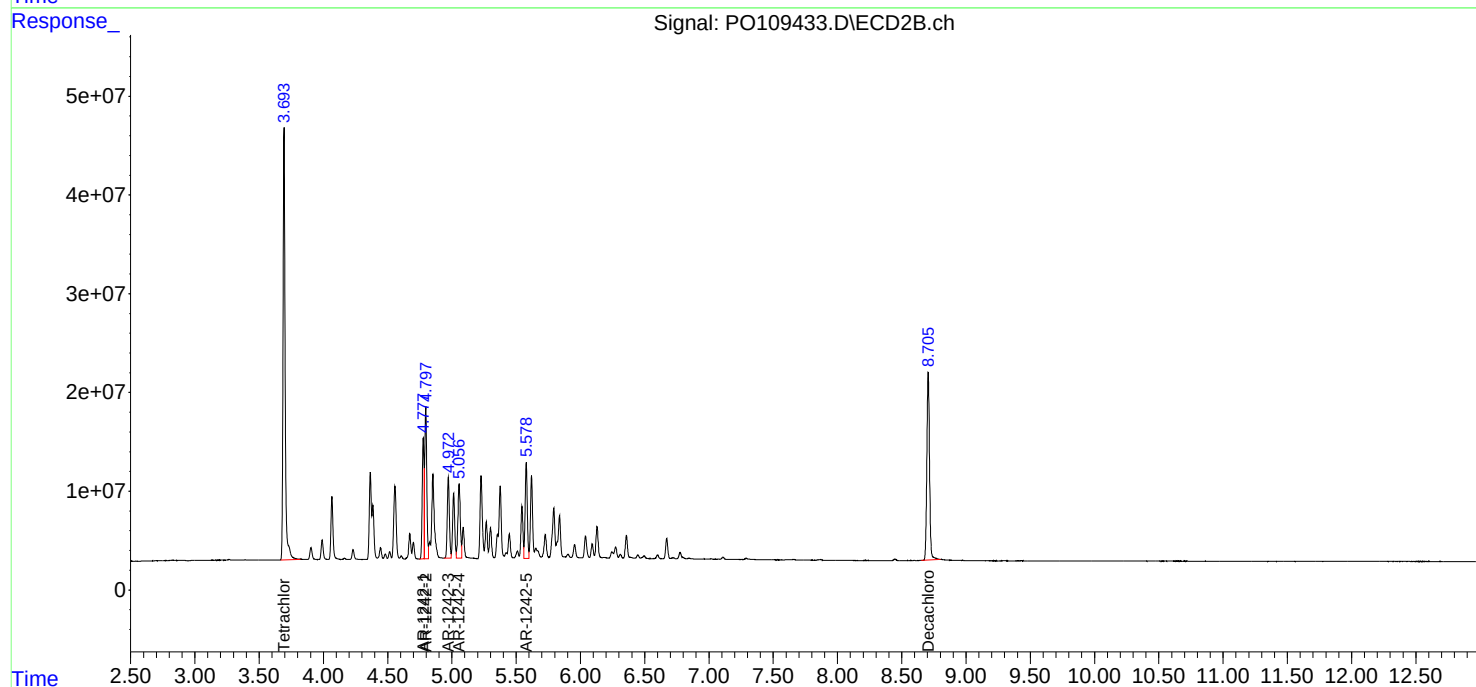
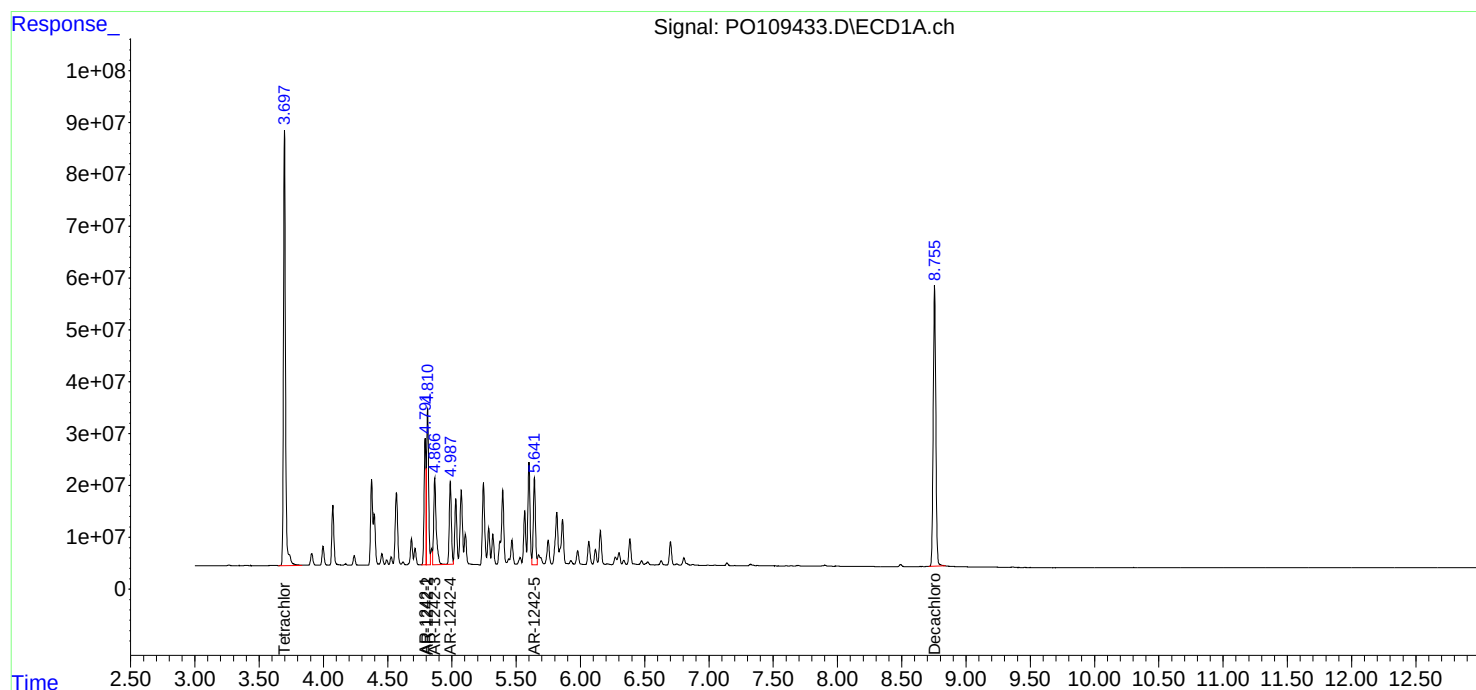
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:55
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:27:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 19:13
 Operator : YP/AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:27:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:26:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.698	3.694	705.0E6	380.9E6	74.630	72.489
2) SA Decachlor...	8.755	8.706	583.7E6	214.6E6	71.212	71.089
Target Compounds						
16) L4 AR-1242-1	4.792	4.777	186.6E6	93559887	707.886	702.778
17) L4 AR-1242-2	4.812	4.796	255.9E6	130.1E6	710.666	710.082
18) L4 AR-1242-3	4.868	4.972	179.6E6	72475556	699.816	708.841
19) L4 AR-1242-4	4.989	5.057	141.2E6	75764454	705.184	702.896
20) L4 AR-1242-5	5.643	5.578	148.7E6	88287004	700.176	704.946

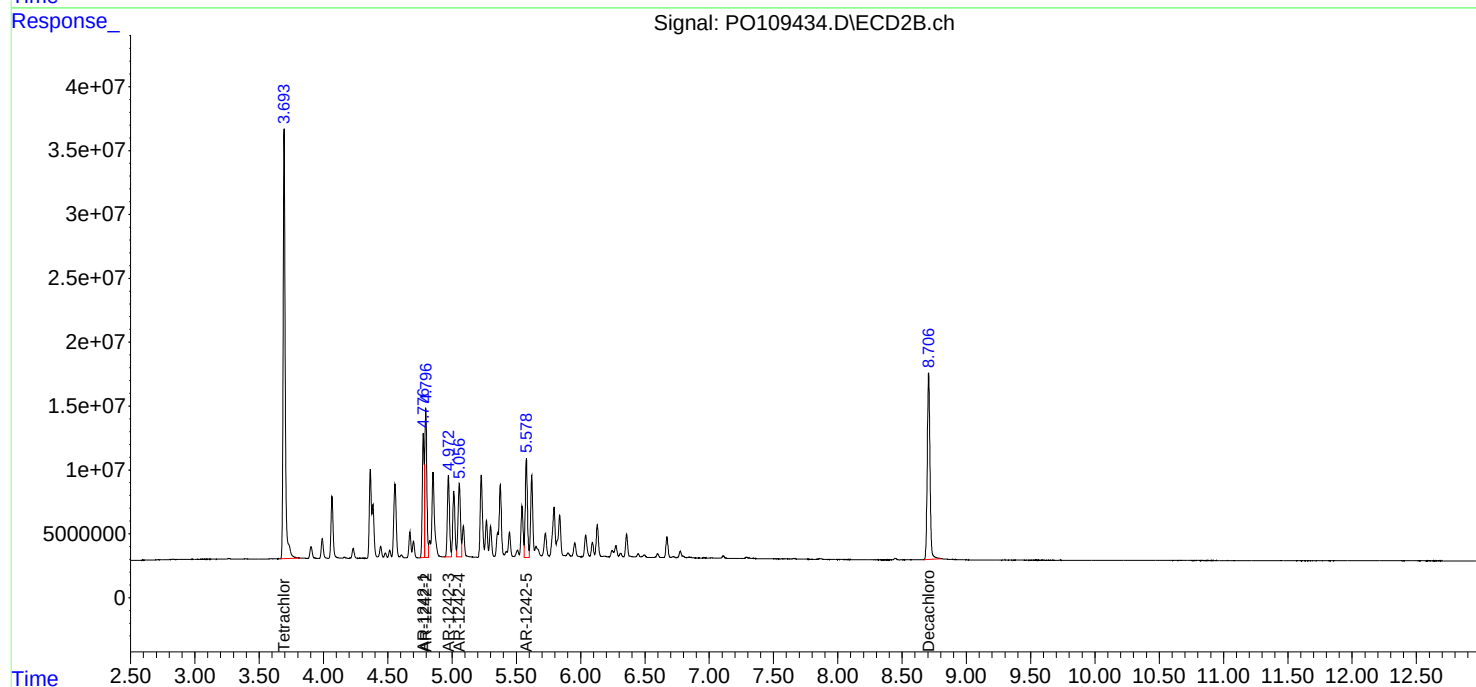
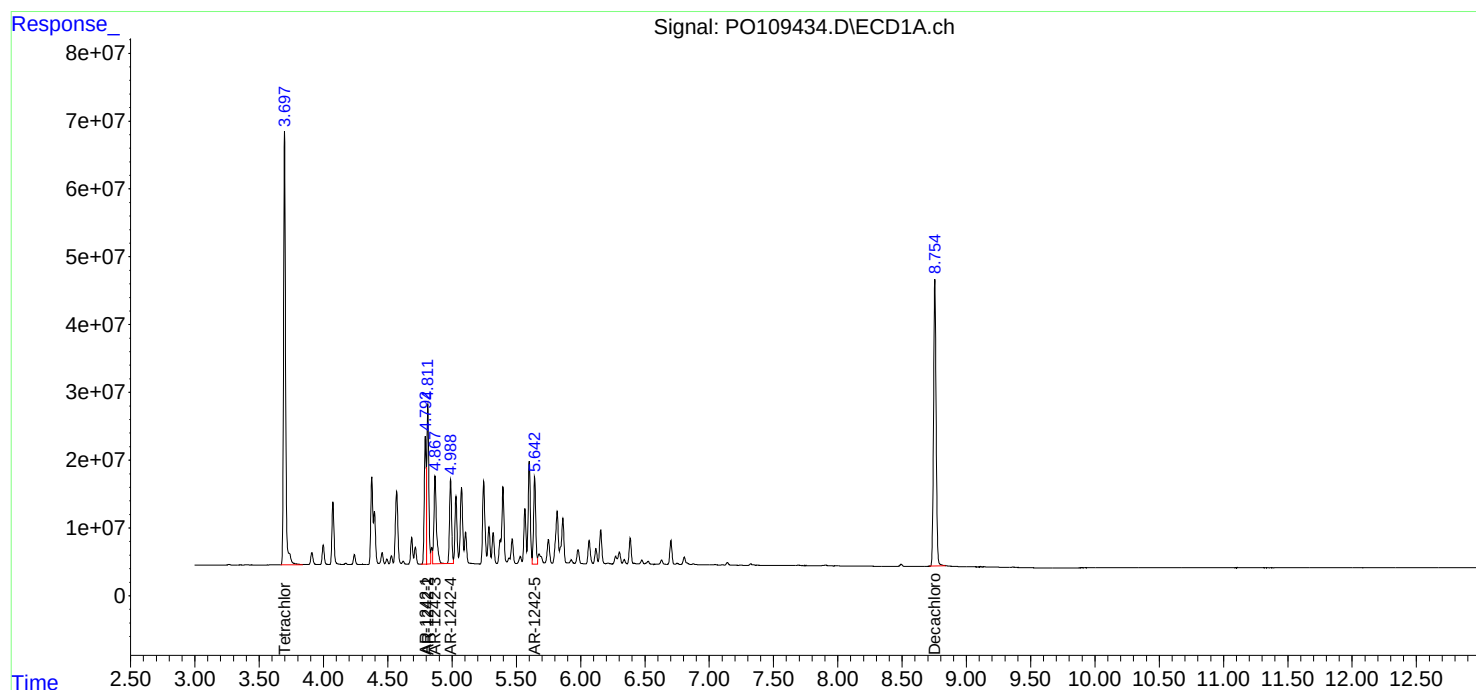
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:13
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:27:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 19:31
 Operator : YP/AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:28:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:26:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.698	3.694	472.3E6	262.7E6	50.000	50.000
2) SA Decachlor...	8.756	8.707	409.9E6	151.0E6	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	4.792	4.777	131.8E6	66564351	500.000	500.000
17) L4 AR-1242-2	4.811	4.797	180.0E6	91633308	500.000	500.000
18) L4 AR-1242-3	4.868	4.972	128.3E6	51122546	500.000	500.000
19) L4 AR-1242-4	4.989	5.057	100.1E6	53894501	500.000	500.000
20) L4 AR-1242-5	5.642	5.578	106.2E6	62619657	500.000	500.000

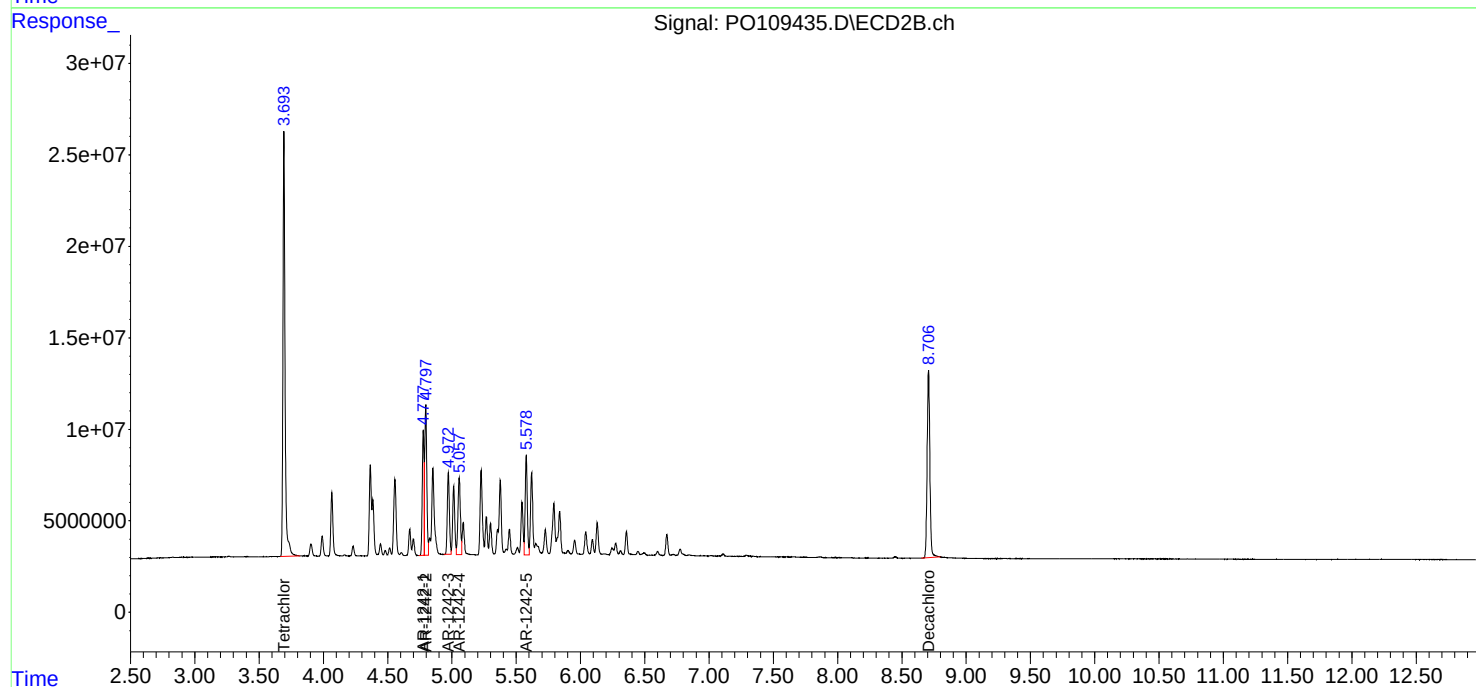
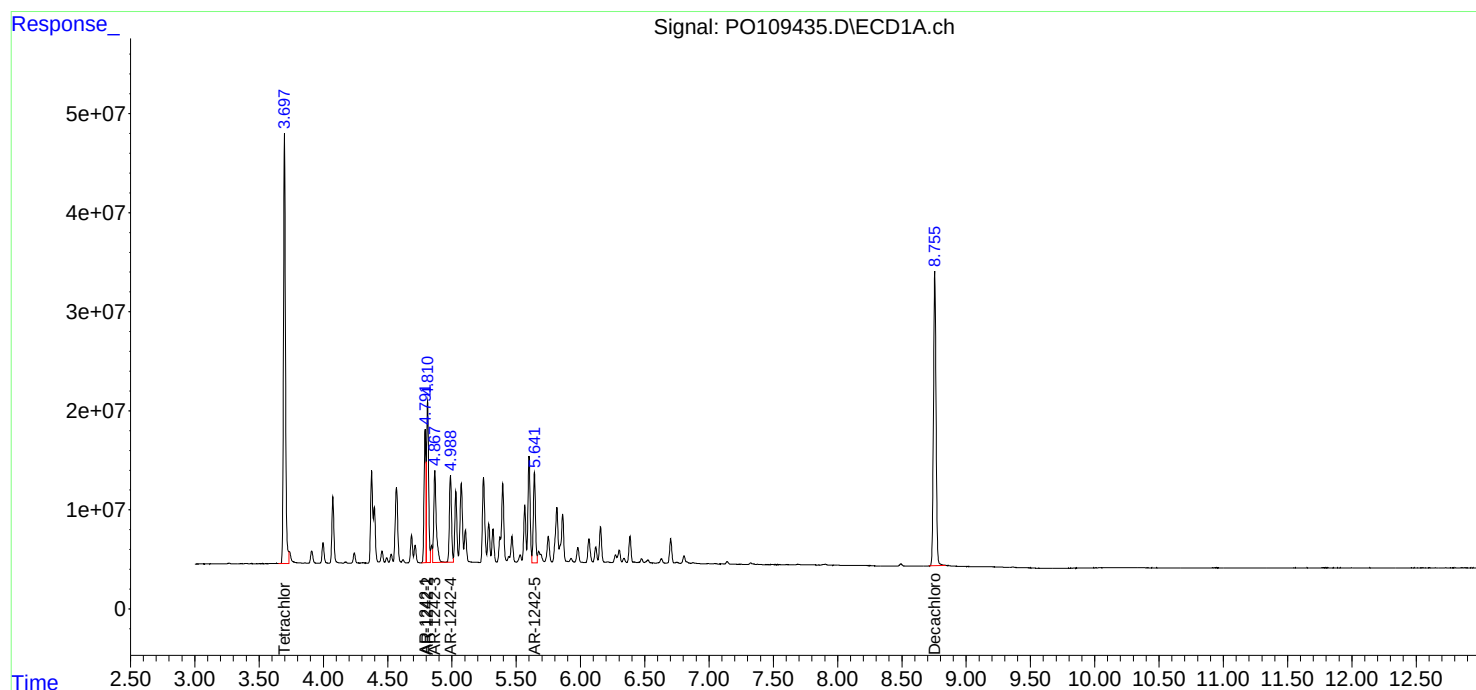
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:31
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 19:50
 Operator : YP/AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:28:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:26:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	239.2E6	132.2E6	25.321	25.168
2) SA Decachlor...	8.755	8.706	217.2E6	81084477	26.492	26.856
Target Compounds						
16) L4 AR-1242-1	4.791	4.777	69551526	35357200	263.870	265.587
17) L4 AR-1242-2	4.811	4.796	94458948	48004344	262.369	261.937
18) L4 AR-1242-3	4.867	4.972	67985441	26922985	264.977	263.318
19) L4 AR-1242-4	4.988	5.056	52548713	28834607	262.488	267.510
20) L4 AR-1242-5	5.642	5.578	58079362	33950495	273.412	271.085

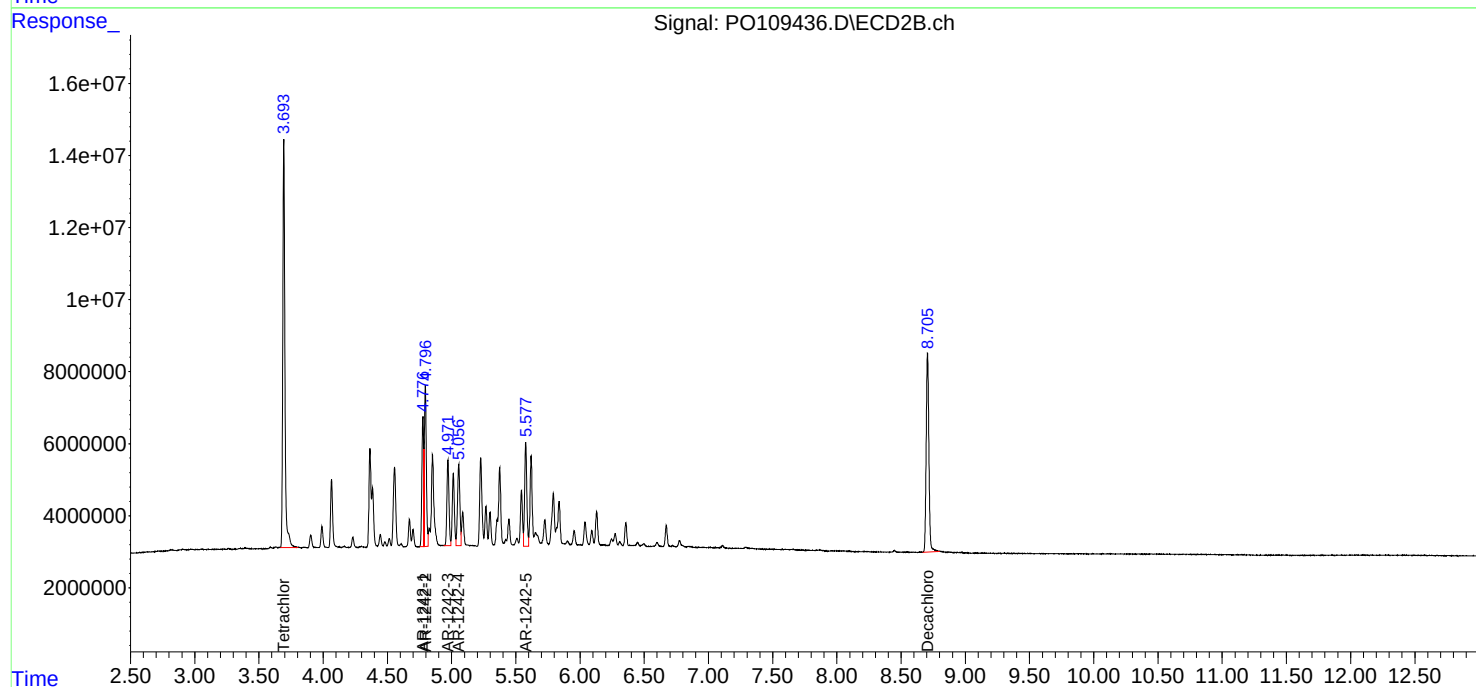
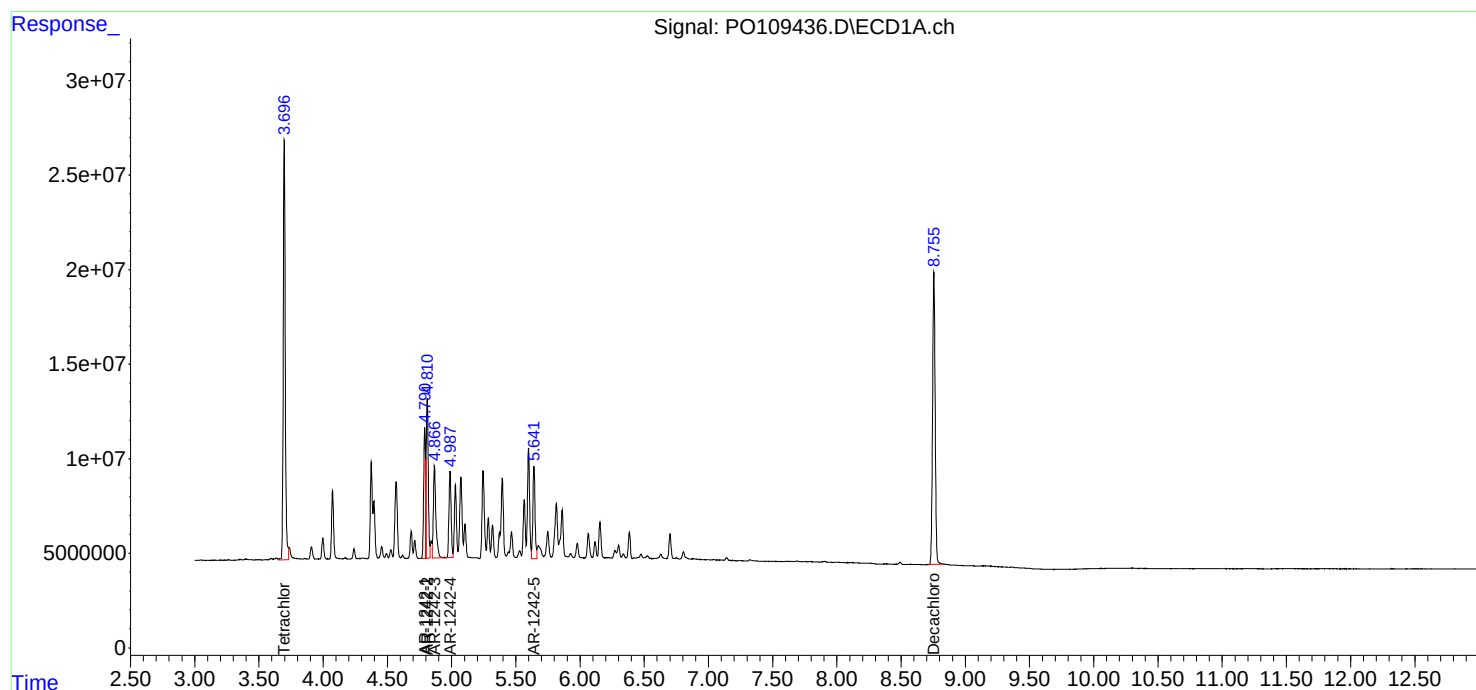
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:50
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109437.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 20:08
 Operator : YP/AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2025
 Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:28:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:26:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	45284325	24258325	4.794	4.617
2) SA Decachlor...	8.755	8.706	43522830	16219813	5.310	5.372
Target Compounds						
16) L4 AR-1242-1	4.792	4.777	13835003	7073196	52.488	53.131
17) L4 AR-1242-2	4.811	4.796	18548986	9458809	51.522	51.612
18) L4 AR-1242-3	4.867	4.971	12898843	4970561	50.274	48.614
19) L4 AR-1242-4	4.988	5.055	10088199	5702832	50.392	52.907
20) L4 AR-1242-5	5.641	5.577	11831514	6828665	55.698m	54.525m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
Data File : P0109437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:08
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

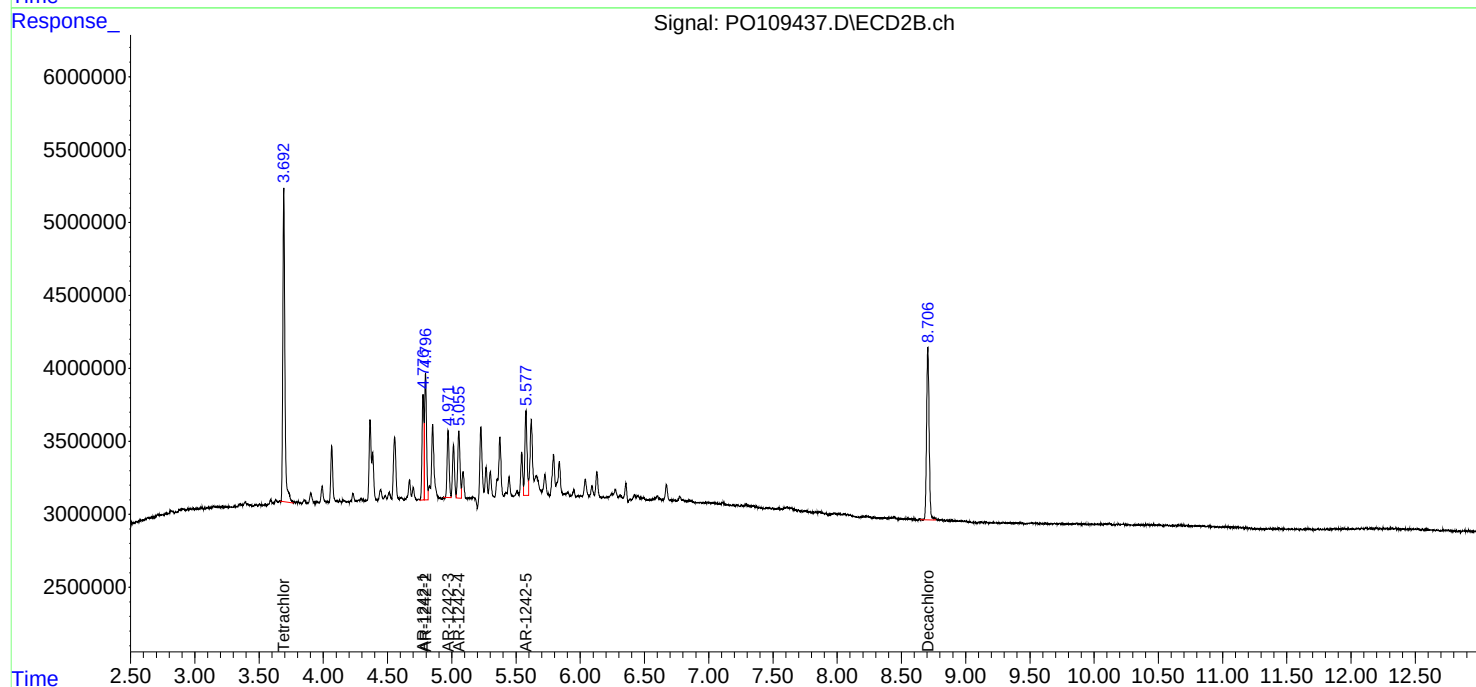
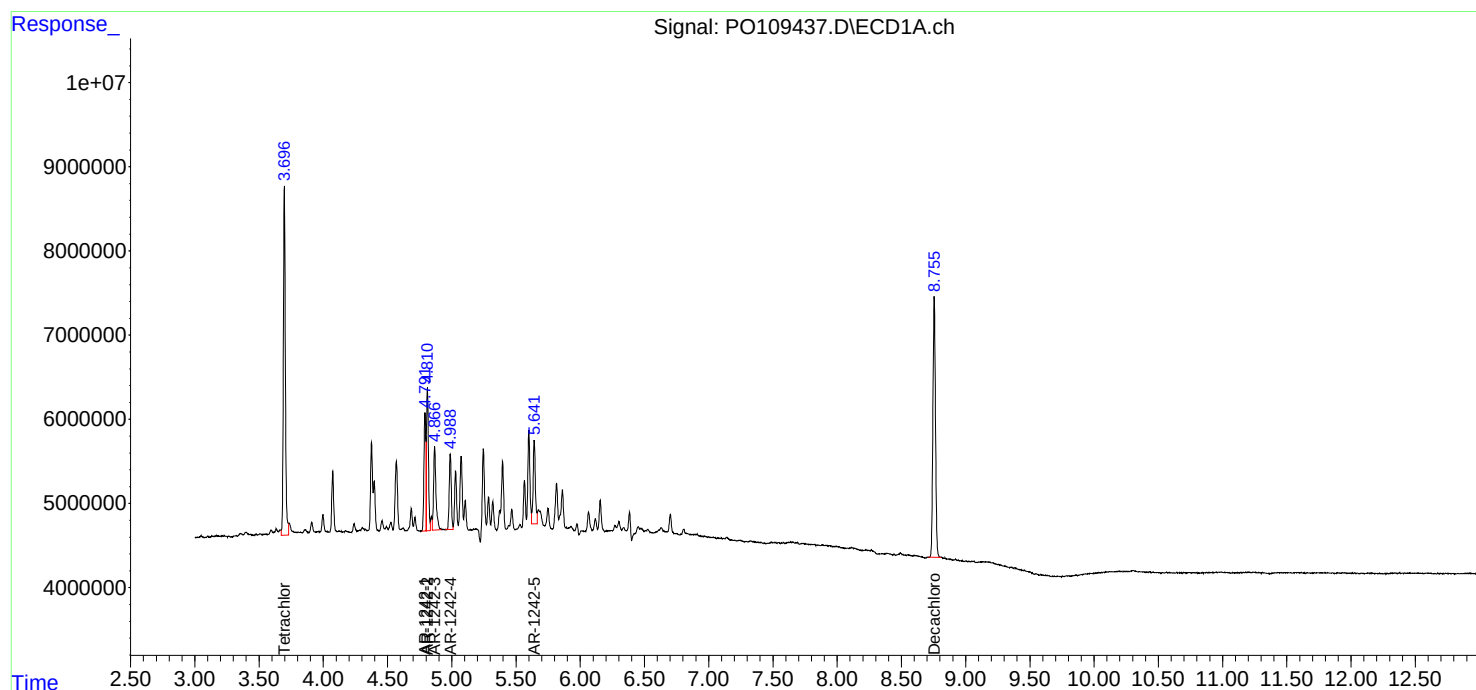
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109438.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 20:26
 Operator : YP/AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:45:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:44:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	915.4E6	495.5E6	93.761	94.908
2) SA Decachlor...	8.755	8.706	770.4E6	279.0E6	92.405	91.836
Target Compounds						
21) L5 AR-1248-1	4.791	4.777	183.4E6	91256927	912.814	905.620
22) L5 AR-1248-2	5.030	5.014	249.5E6	130.6E6	885.902	891.678
23) L5 AR-1248-3	5.246	5.057	313.6E6	139.3E6	905.924	894.551
24) L5 AR-1248-4	5.600	5.228	440.0E6	163.9E6	918.126	908.733
25) L5 AR-1248-5	5.642	5.620	310.5E6	154.4E6	919.575	910.254

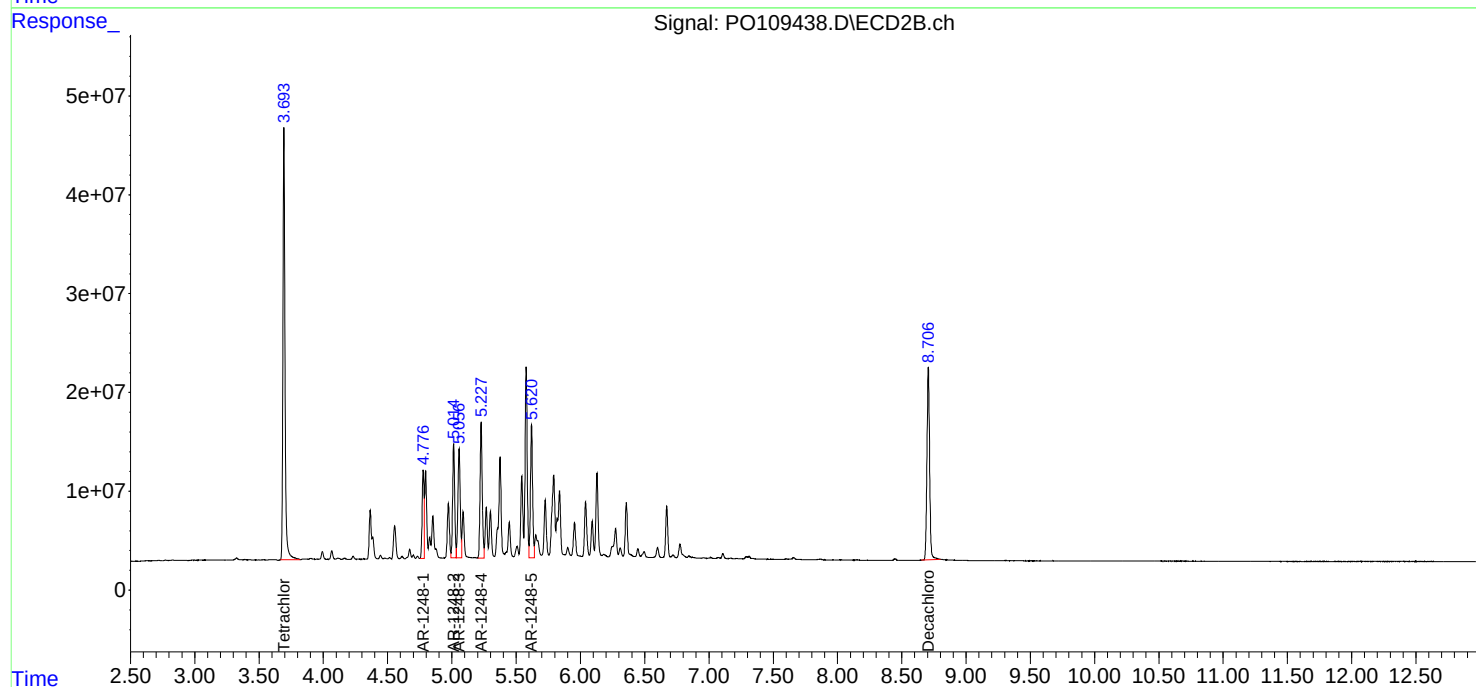
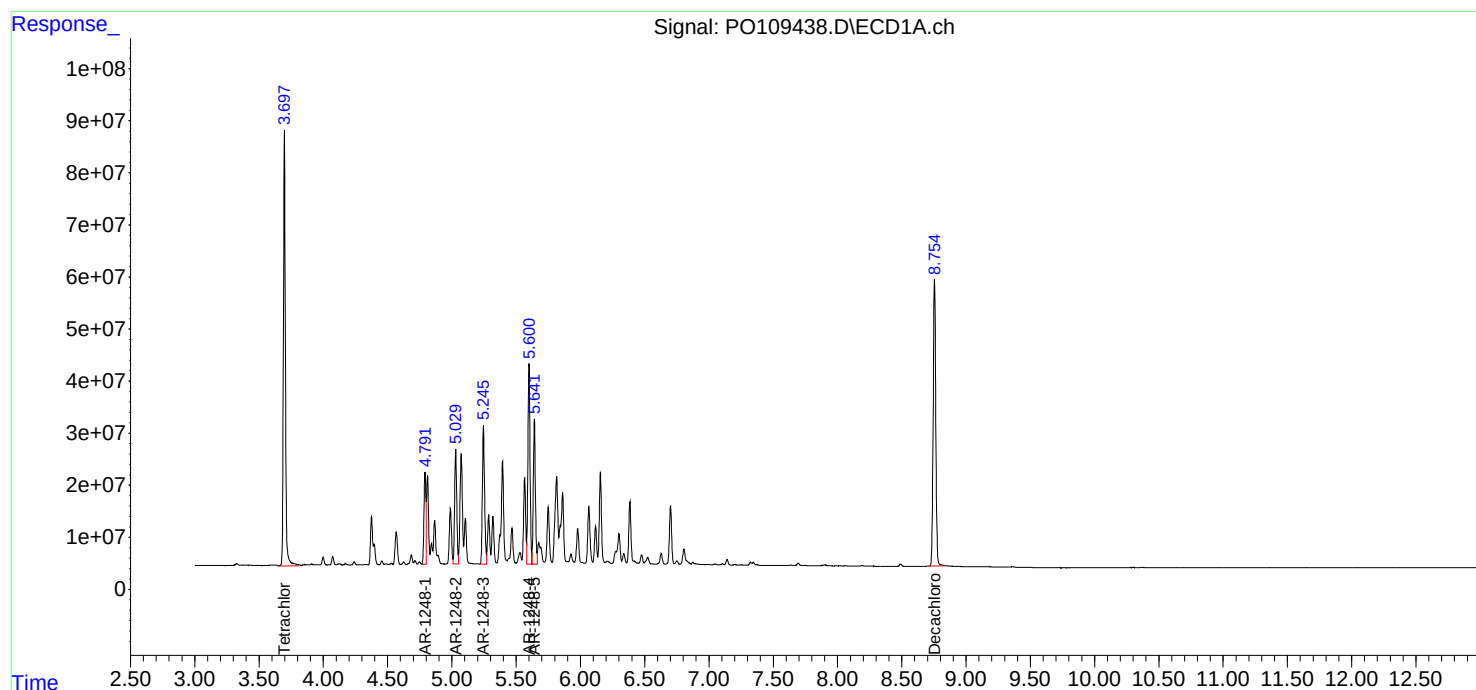
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:26
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:45:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 20:45
 Operator : YP/AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:48:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:44:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	699.0E6	378.0E6	71.591	72.405
2) SA Decachlor...	8.755	8.706	593.5E6	215.5E6	71.185	70.928
Target Compounds						
21) L5 AR-1248-1	4.791	4.777	141.9E6	70604671	706.516	700.670
22) L5 AR-1248-2	5.030	5.014	196.7E6	102.5E6	698.273	699.925
23) L5 AR-1248-3	5.245	5.056	243.5E6	108.7E6	703.429	697.958
24) L5 AR-1248-4	5.600	5.227	339.5E6	127.1E6	708.585	704.454
25) L5 AR-1248-5	5.642	5.619	238.9E6	118.8E6	707.520	700.785

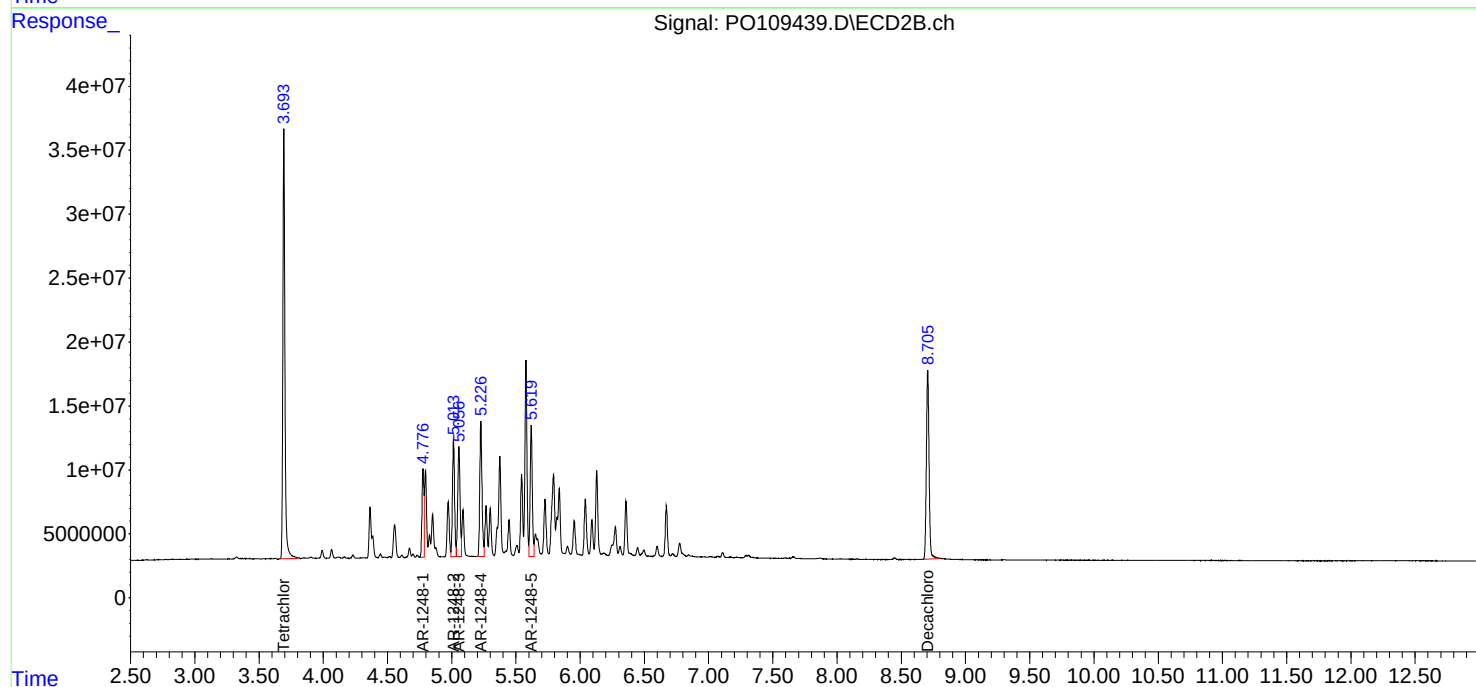
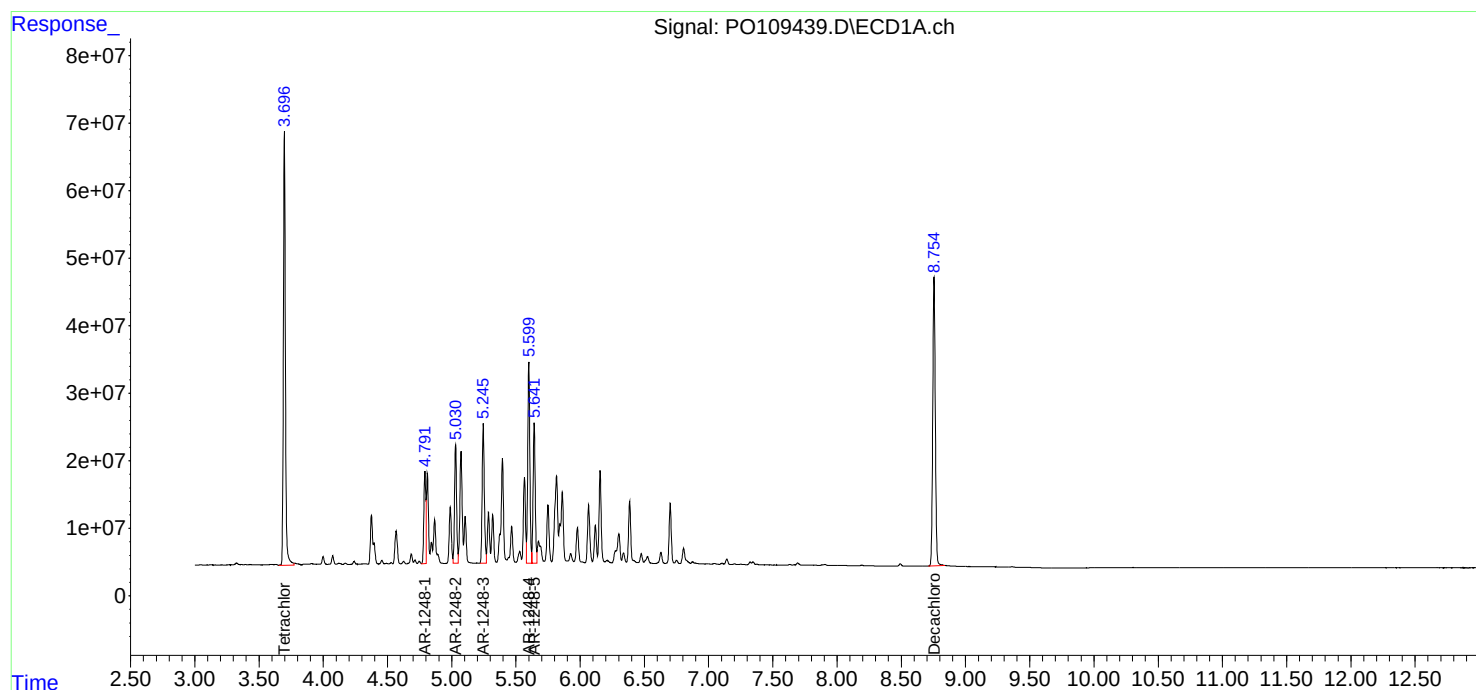
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:45
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 21:03
 Operator : YP/AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:48:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:44:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	488.2E6	261.1E6	50.000	50.000
2) SA Decachlor...	8.755	8.706	416.9E6	151.9E6	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	4.792	4.777	100.5E6	50383698	500.000	500.000
22) L5 AR-1248-2	5.030	5.014	140.8E6	73210547	500.000	500.000
23) L5 AR-1248-3	5.245	5.056	173.1E6	77850845	500.000	500.000
24) L5 AR-1248-4	5.601	5.227	239.6E6	90182217	500.000	500.000
25) L5 AR-1248-5	5.642	5.619	168.8E6	84787780	500.000	500.000

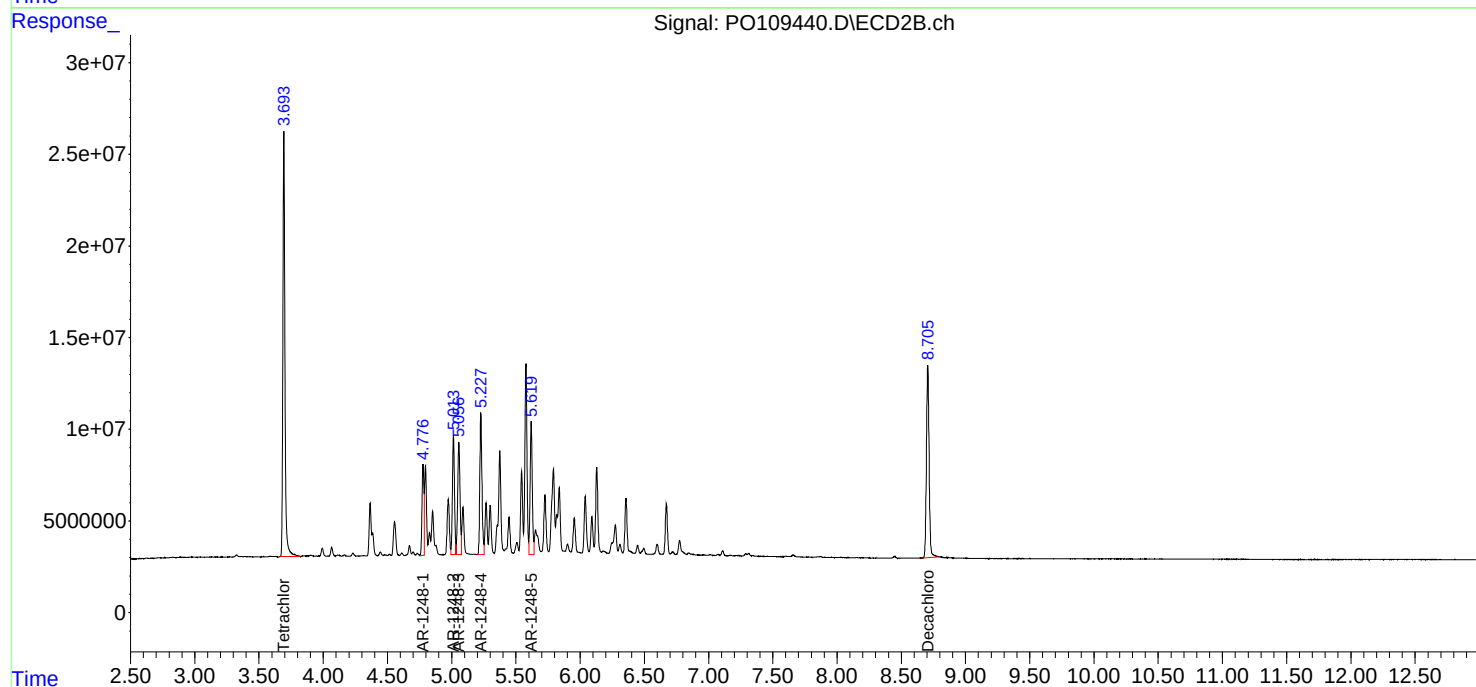
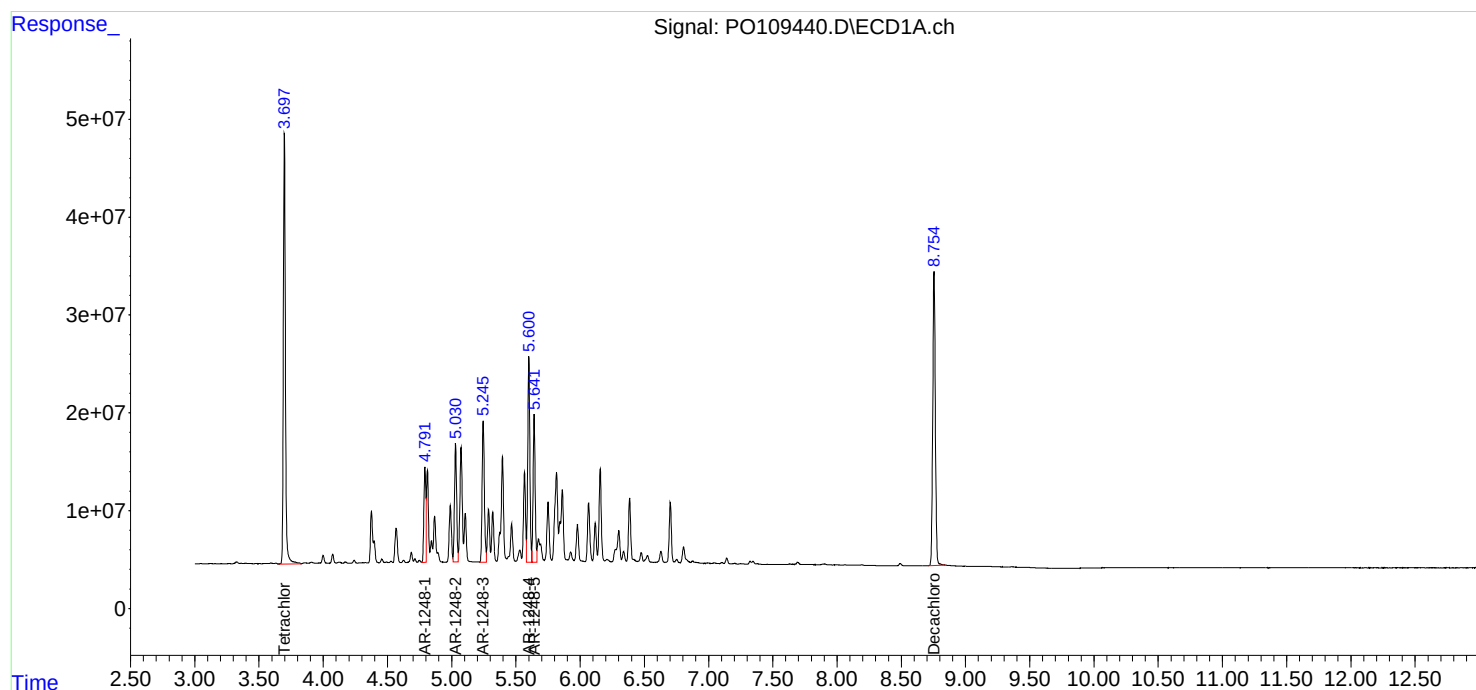
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:03
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 21:21
 Operator : YP/AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:48:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:44:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	247.1E6	131.6E6	25.309	25.209
2) SA Decachlor...	8.755	8.705	220.4E6	81028918	26.436	26.667
Target Compounds						
21) L5 AR-1248-1	4.791	4.777	53414649	26903650	265.875	266.988
22) L5 AR-1248-2	5.030	5.014	74897714	39285877	265.920	268.307
23) L5 AR-1248-3	5.245	5.056	92525840	41607588	267.248	267.226
24) L5 AR-1248-4	5.600	5.227	127.4E6	48427931	265.835	268.500
25) L5 AR-1248-5	5.642	5.620	91434201	45832980	270.811	270.281

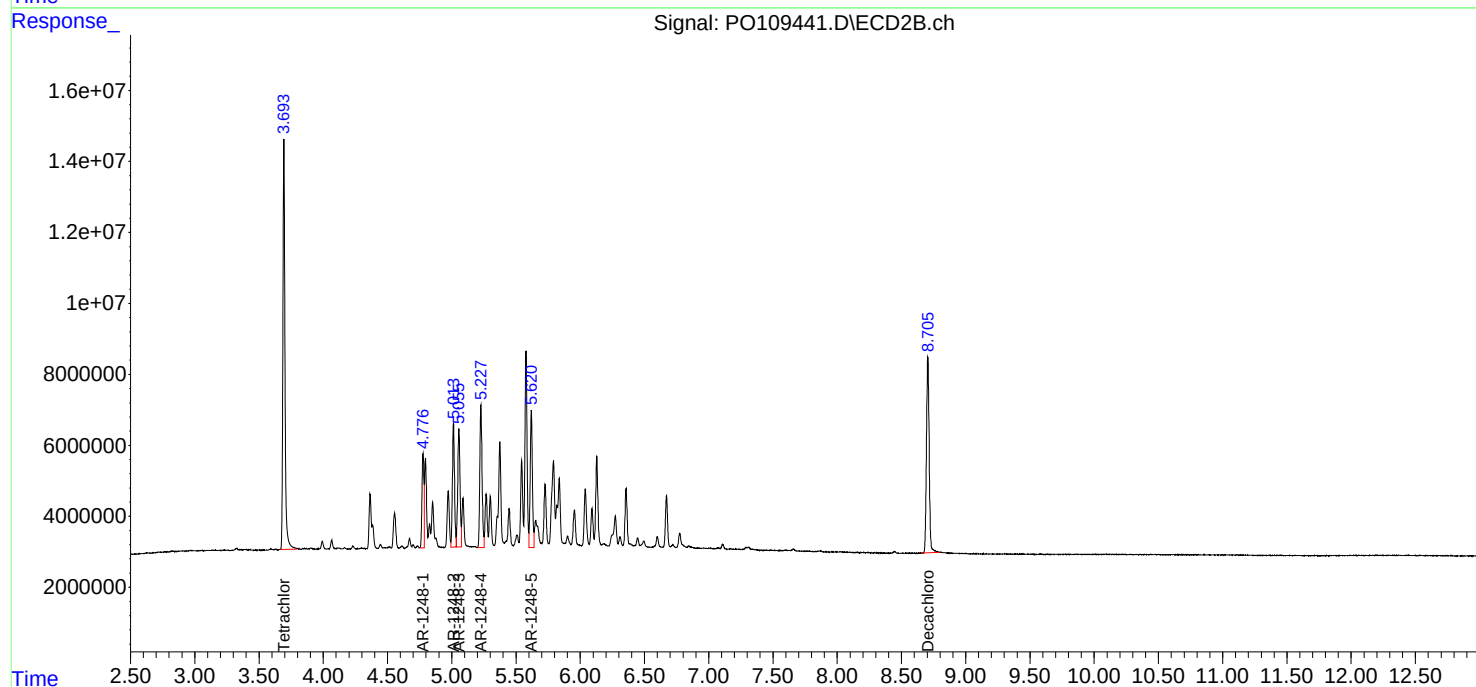
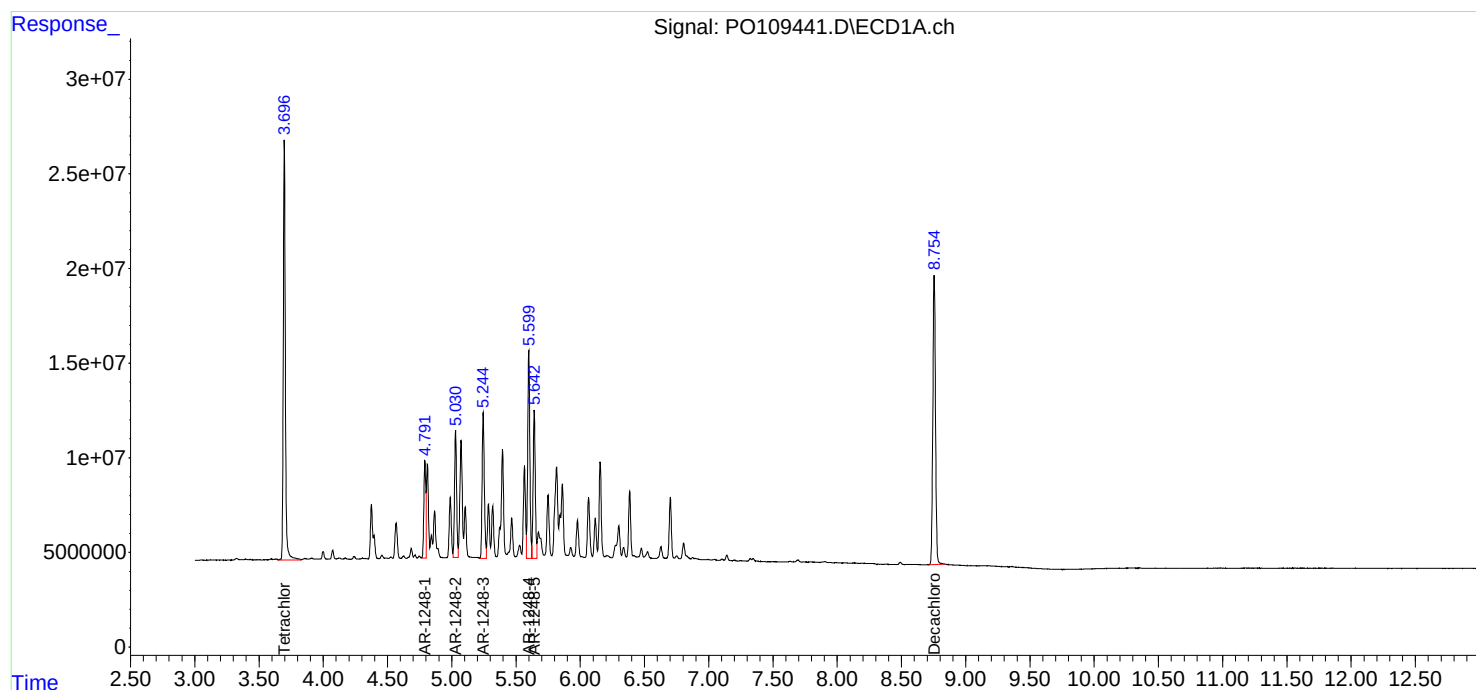
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:21
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 21:40
 Operator : YP/AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2025
 Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:49:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:44:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	46251223	23752948	4.737	4.549
2) SA Decachlor...	8.754	8.706	44397899	16474487	5.325	5.422
Target Compounds						
21) L5 AR-1248-1	4.791	4.776	10517320	5442853	52.351	54.014
22) L5 AR-1248-2	5.030	5.013	14922906	7831415	52.983	53.486
23) L5 AR-1248-3	5.245	5.055	19608812	8436393	56.637	54.183
24) L5 AR-1248-4	5.599	5.227	25203917	9829738	52.598m	54.499m
25) L5 AR-1248-5	5.641	5.618	19009831	9765442	56.304m	57.588m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:40
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

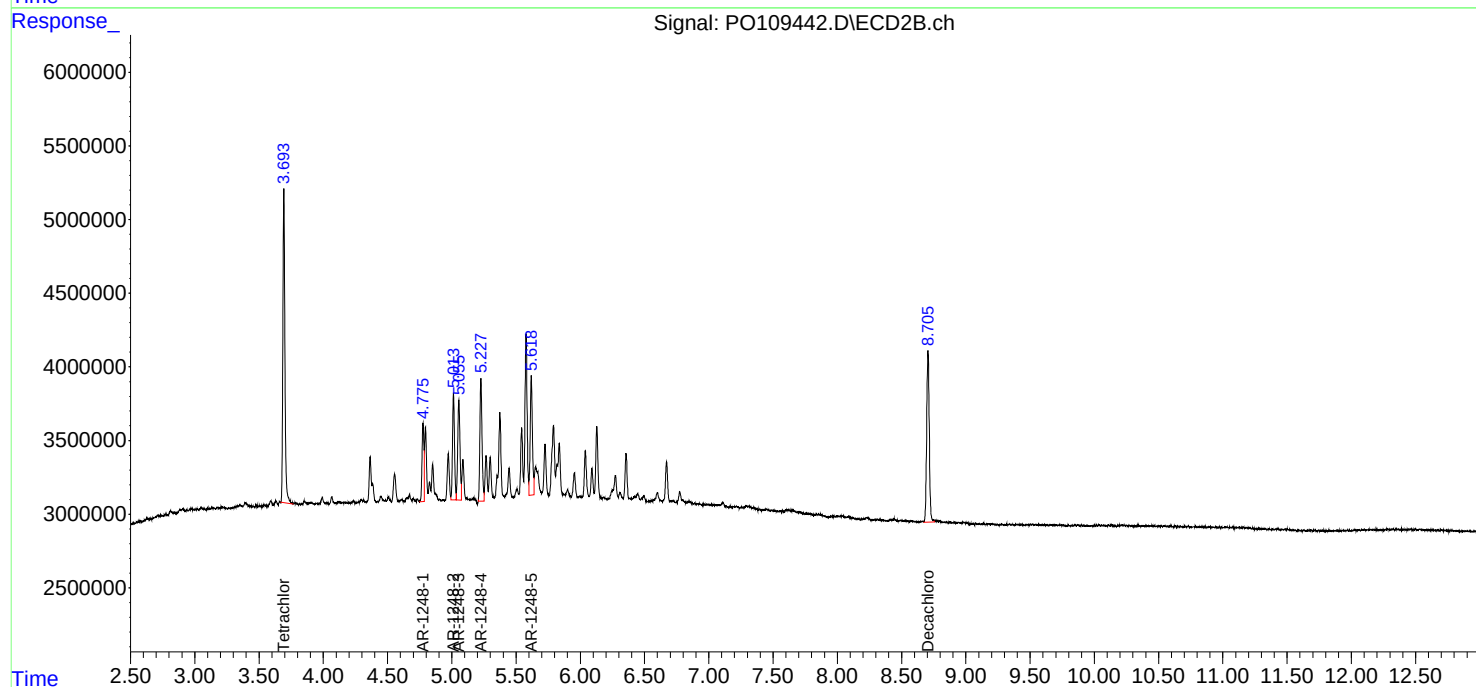
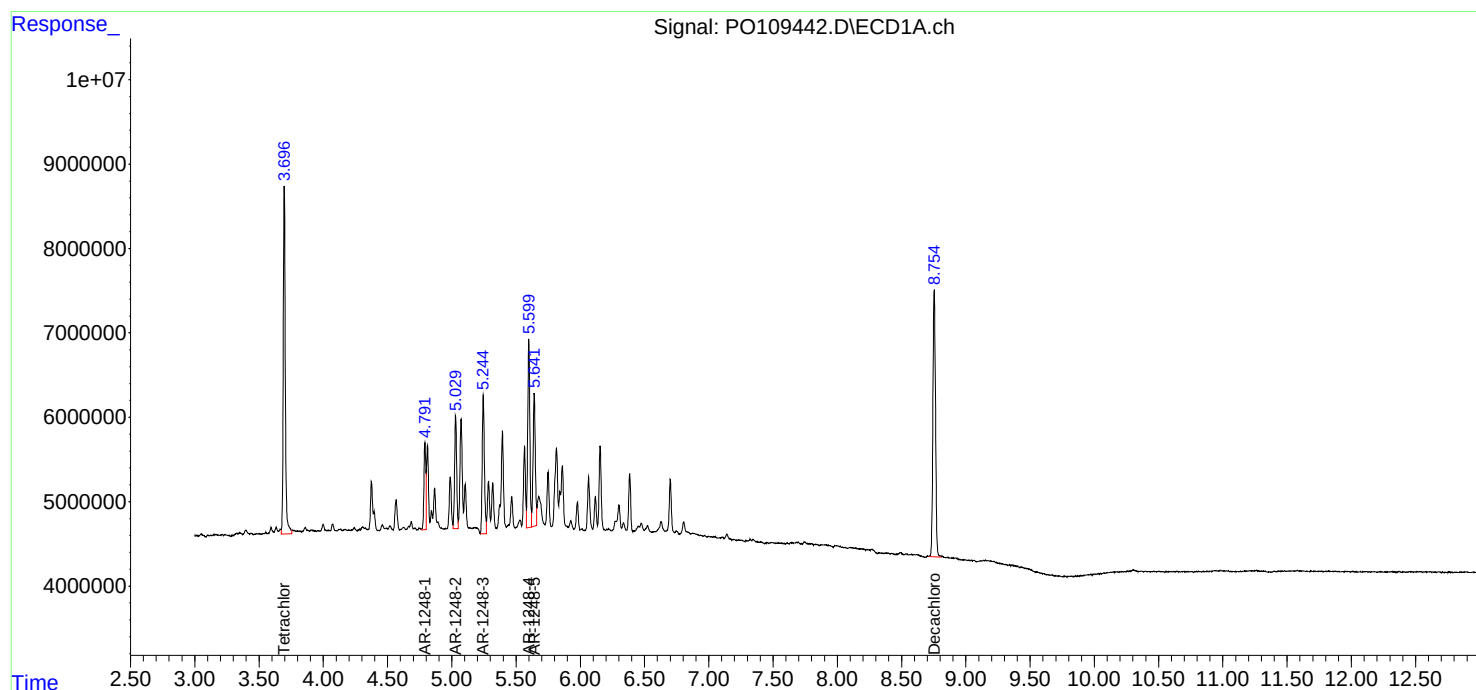
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109443.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 21:58
 Operator : YP/AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 03:05:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 03:04:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	951.1E6	511.8E6	96.621	98.139
2) SA Decachlor...	8.754	8.705	796.7E6	284.2E6	93.419	92.489
Target Compounds						
26) L6 AR-1254-1	5.600	5.578	480.6E6	243.6E6	934.551	933.795
27) L6 AR-1254-2	5.749	5.726	417.5E6	212.5E6	924.809	921.386
28) L6 AR-1254-3	6.155	6.129	684.8E6	339.8E6	943.785	941.402
29) L6 AR-1254-4	6.384	6.357	418.0E6	192.3E6	974.859	962.866
30) L6 AR-1254-5	6.805	6.774	597.3E6	278.5E6	945.656	939.652

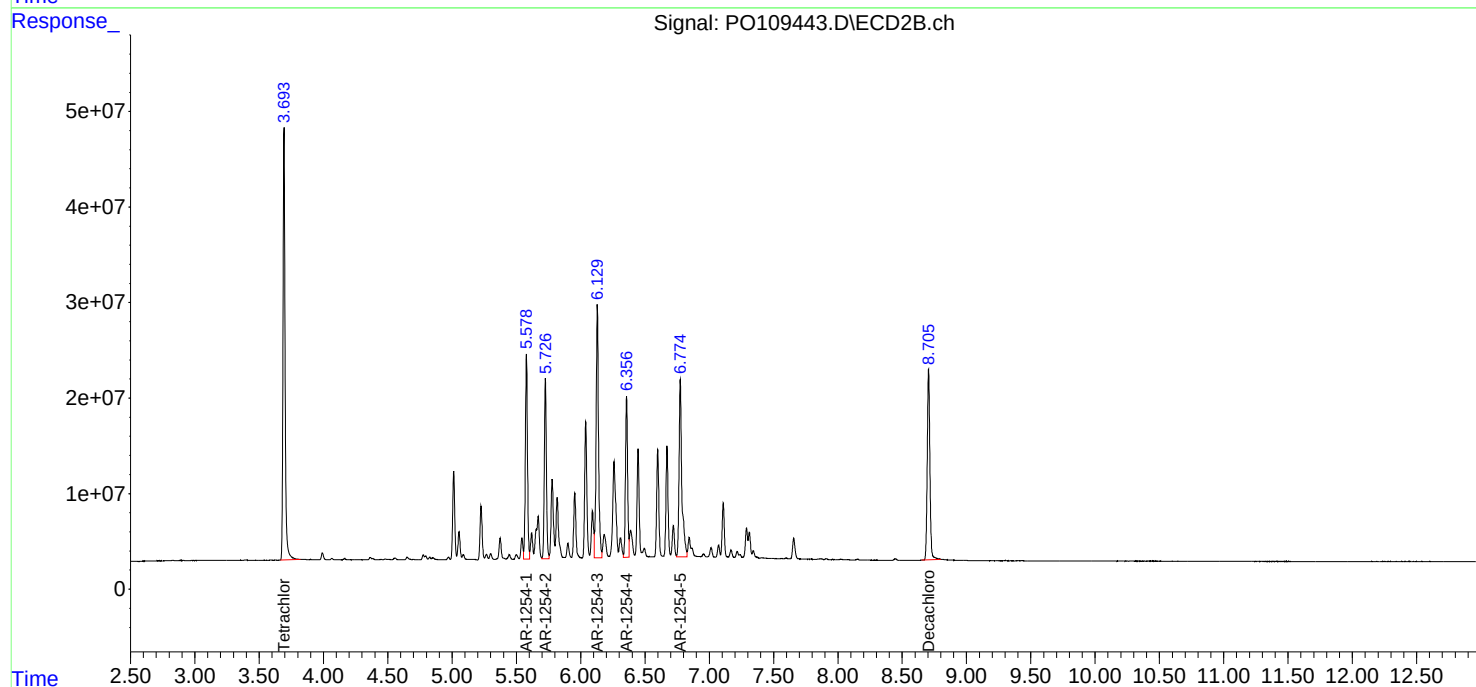
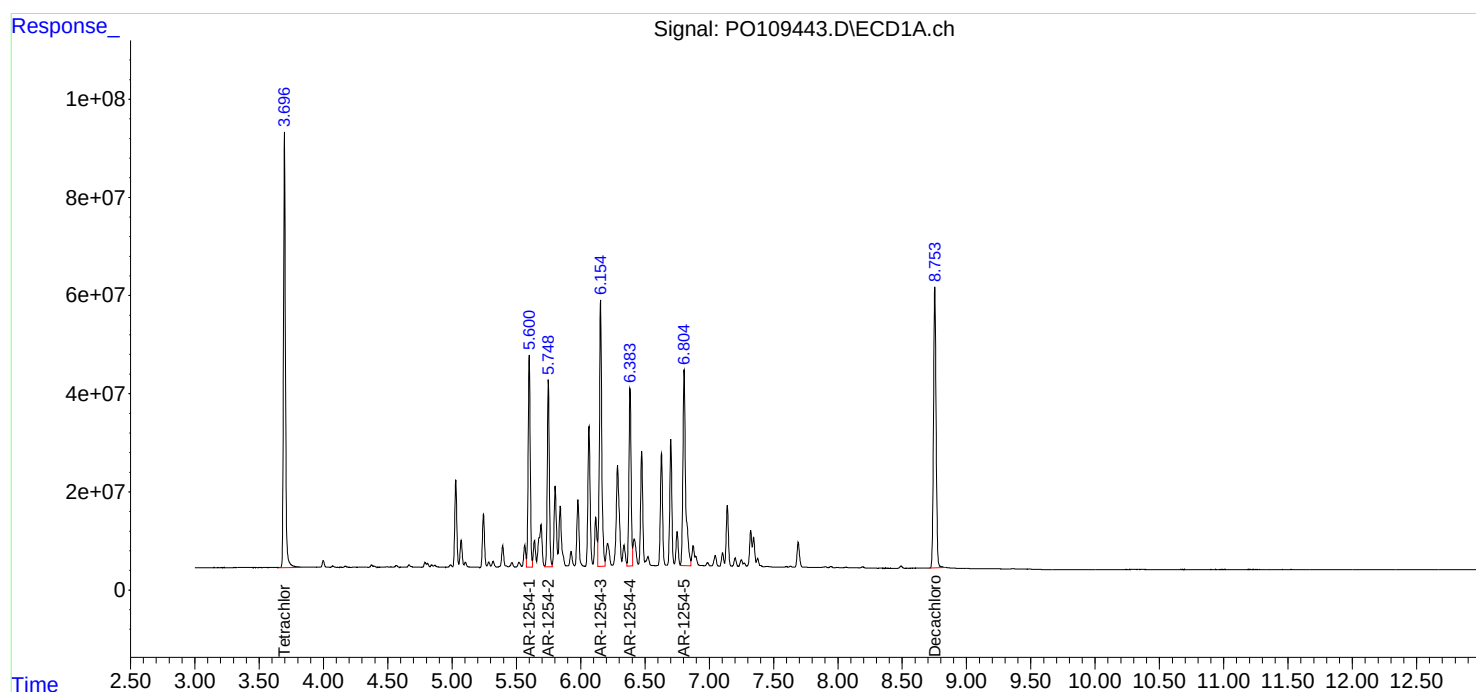
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:58
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:05:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 22:17
 Operator : YP/AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 03:05:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 03:04:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	720.2E6	386.1E6	73.159	74.040
2) SA Decachlor...	8.756	8.705	609.4E6	219.1E6	71.460	71.318
Target Compounds						
26) L6 AR-1254-1	5.601	5.579	368.4E6	186.7E6	716.388	715.385
27) L6 AR-1254-2	5.750	5.726	321.9E6	164.0E6	713.024	710.983
28) L6 AR-1254-3	6.156	6.129	523.0E6	259.8E6	720.743	719.697
29) L6 AR-1254-4	6.385	6.357	307.4E6	142.4E6	716.868	712.856
30) L6 AR-1254-5	6.806	6.775	456.7E6	212.9E6	723.070	718.501

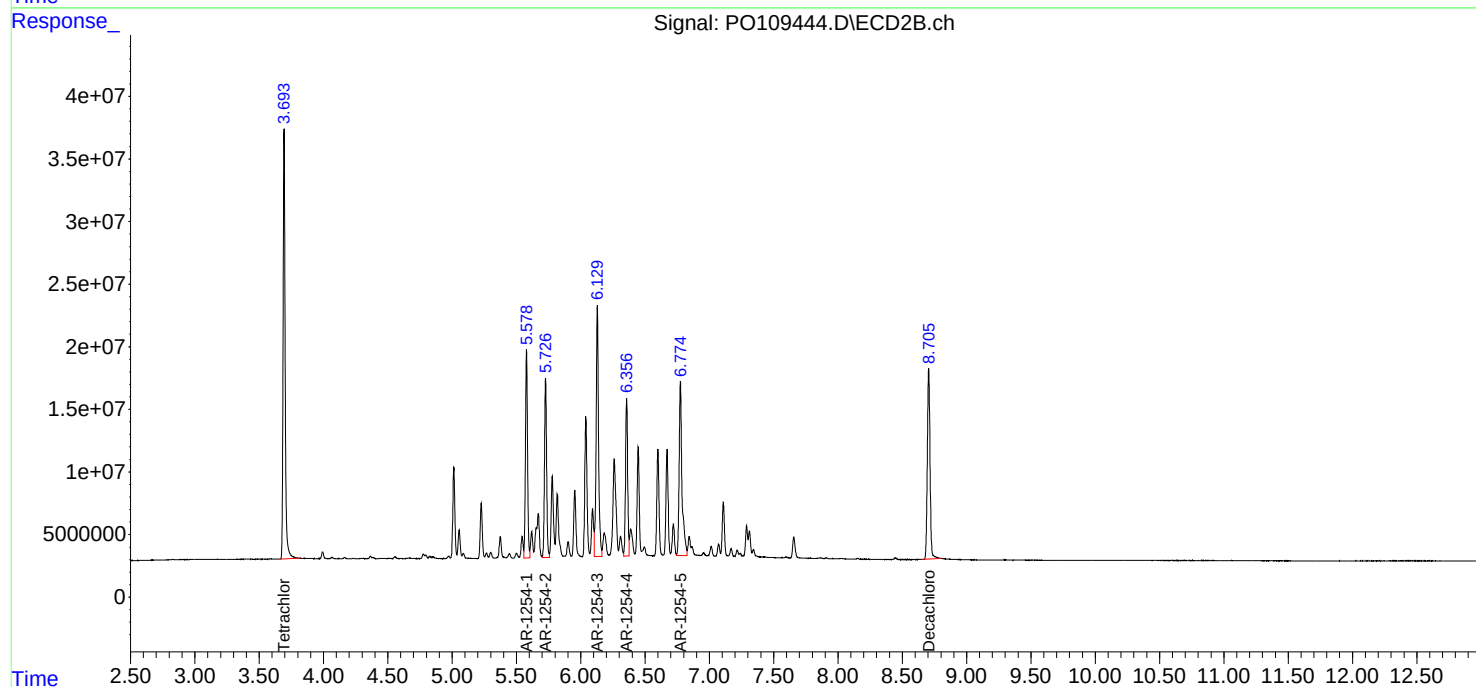
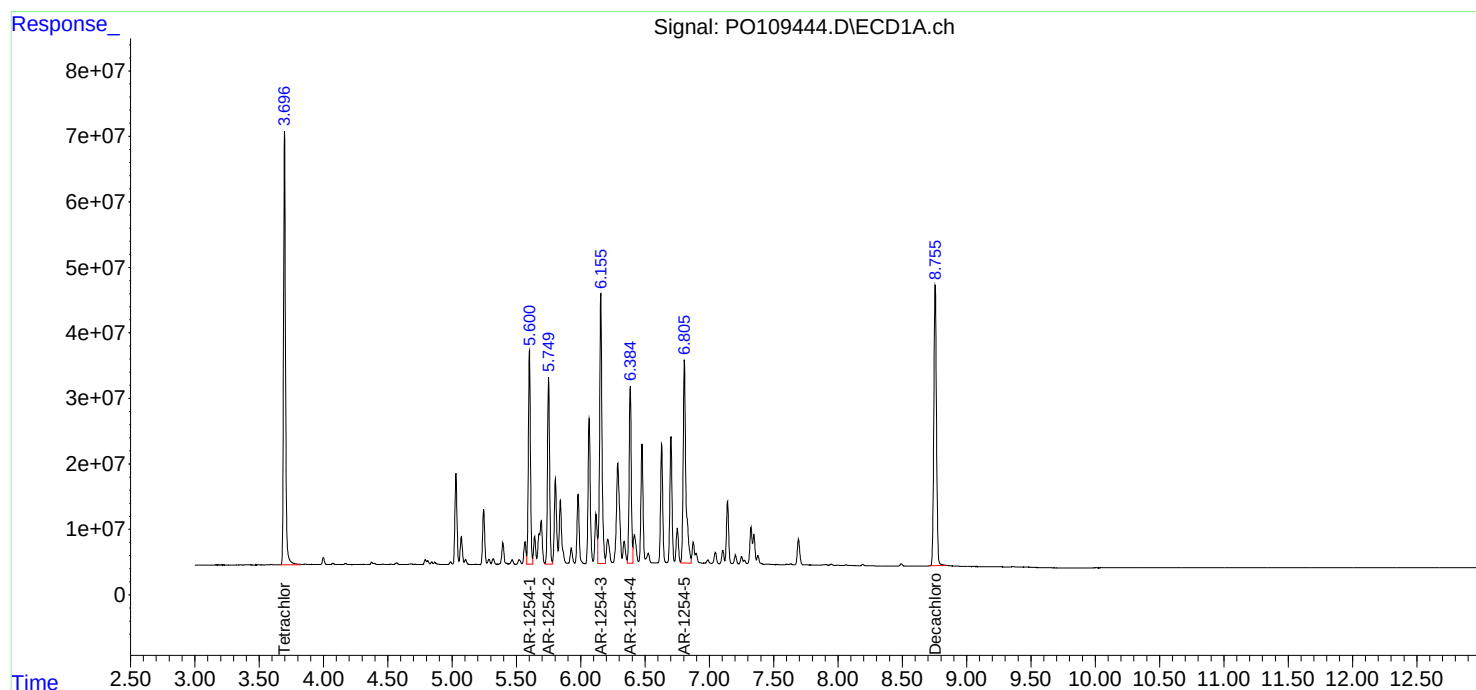
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 22:35
 Operator : YP/AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 03:06:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 03:04:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	492.2E6	260.7E6	50.000	50.000
2) SA Decachlor...	8.755	8.705	426.4E6	153.6E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	5.601	5.578	257.1E6	130.5E6	500.000	500.000
27) L6 AR-1254-2	5.749	5.726	225.7E6	115.3E6	500.000	500.000
28) L6 AR-1254-3	6.155	6.129	362.8E6	180.5E6	500.000	500.000
29) L6 AR-1254-4	6.385	6.356	214.4E6	99873317	500.000	500.000
30) L6 AR-1254-5	6.805	6.774	315.8E6	148.2E6	500.000	500.000

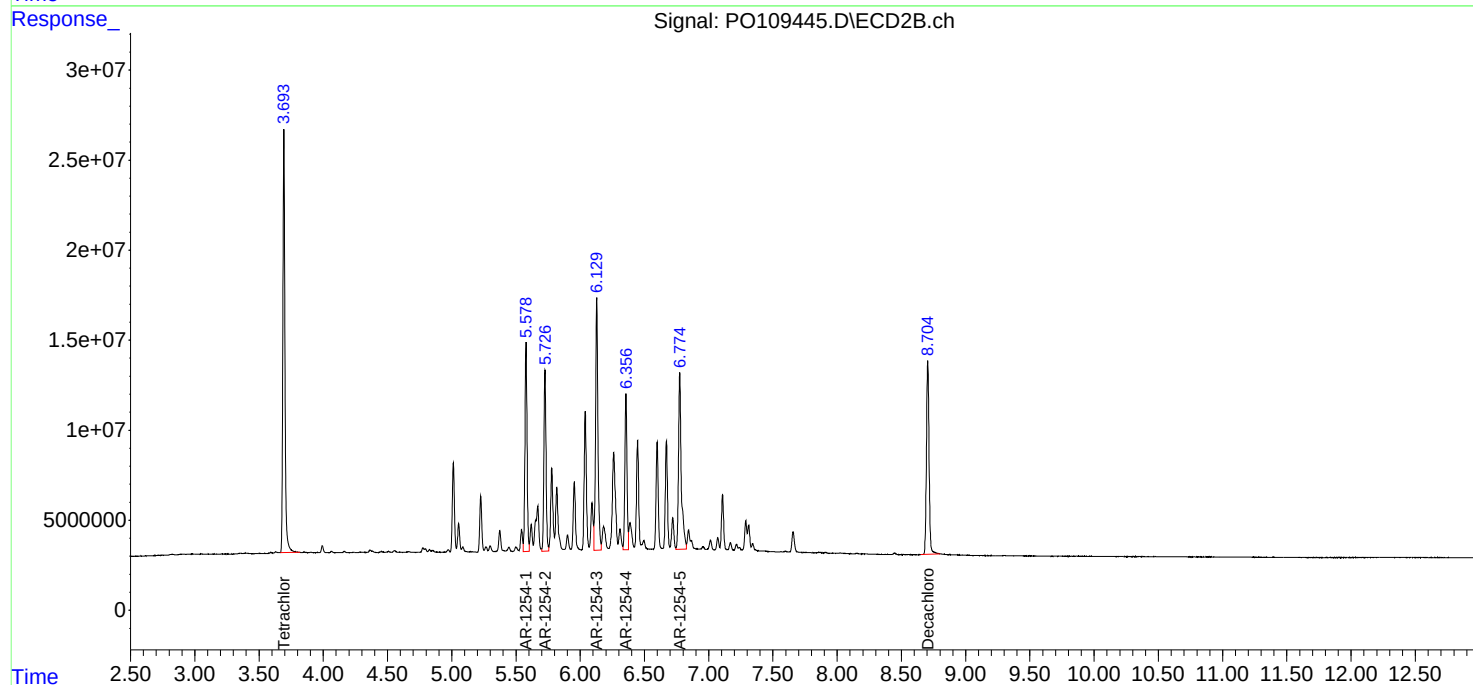
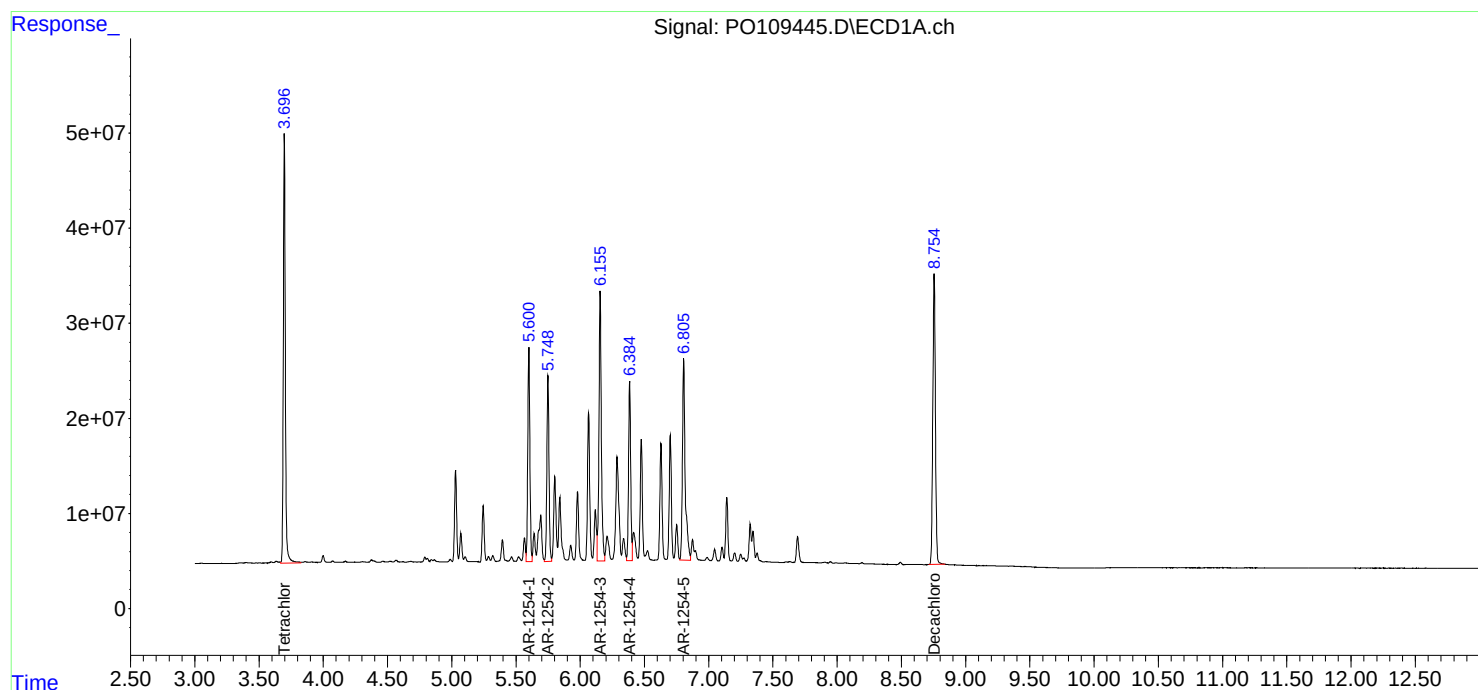
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:35
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 22:53
 Operator : YP/AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 03:06:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 03:04:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	249.9E6	133.4E6	25.383	25.591
2) SA Decachlor...	8.755	8.705	224.7E6	82751432	26.343	26.933
Target Compounds						
26) L6 AR-1254-1	5.600	5.578	137.1E6	70215336	266.626	269.112
27) L6 AR-1254-2	5.749	5.726	120.3E6	62303614	266.469	270.086
28) L6 AR-1254-3	6.155	6.129	190.2E6	94726512	262.120	262.436
29) L6 AR-1254-4	6.385	6.357	115.3E6	53701999	269.019	268.851
30) L6 AR-1254-5	6.805	6.775	166.0E6	78525114	262.748	264.951

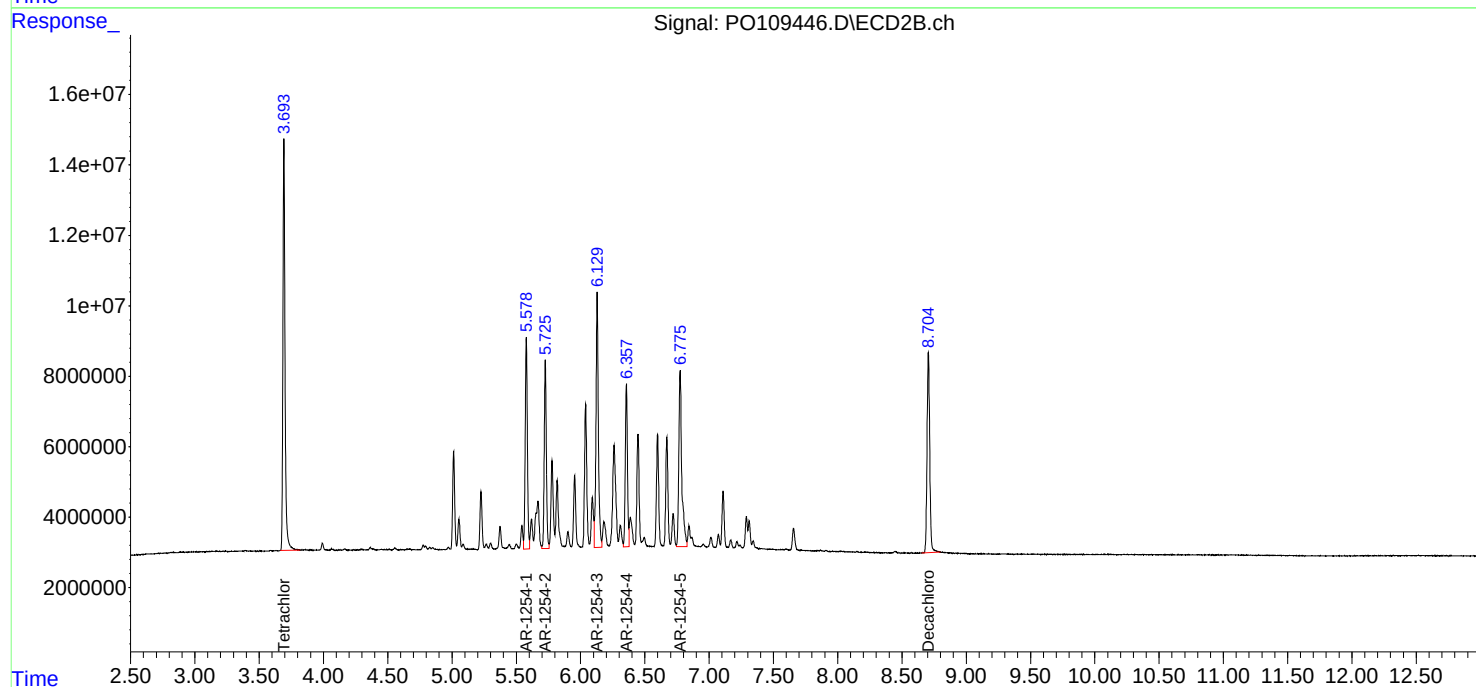
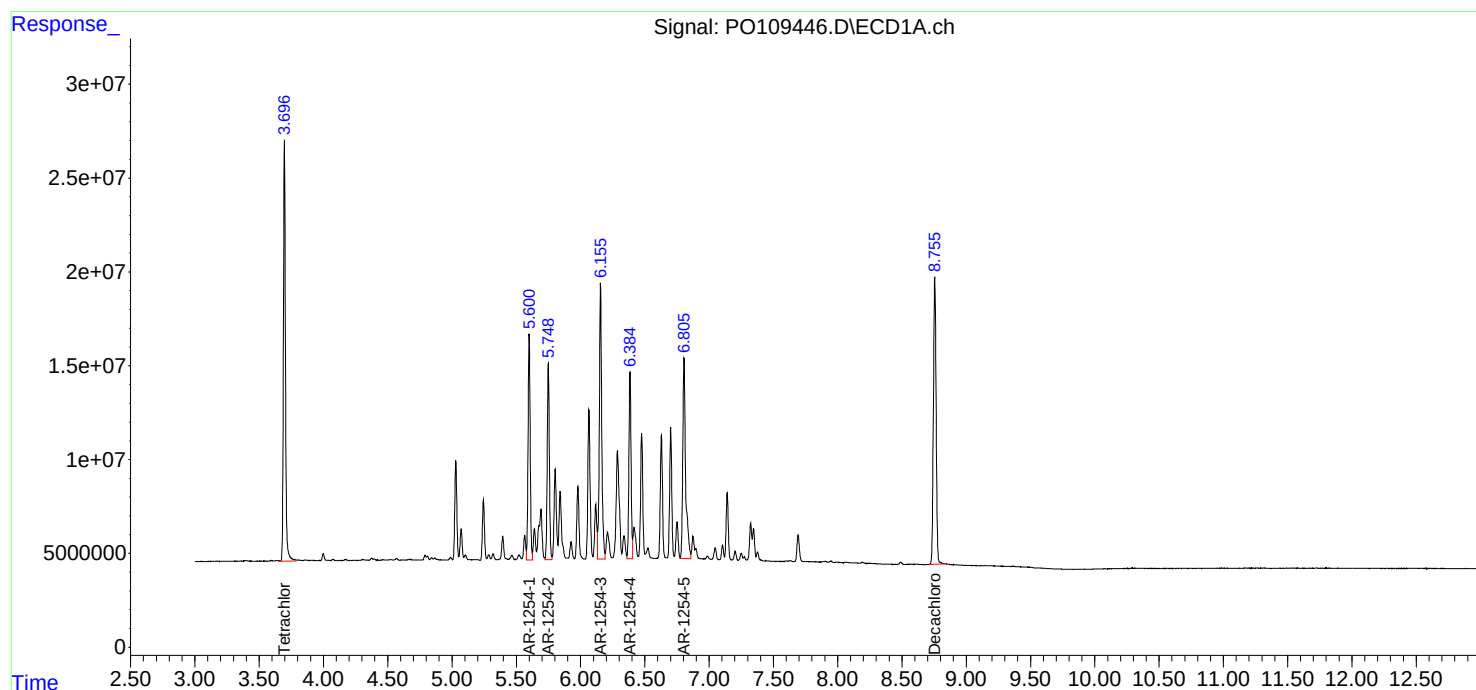
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:53
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 23:12
 Operator : YP/AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2025
 Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 03:06:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 03:04:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.693	42478021	22408254	4.315m	4.297
2) SA Decachlor...	8.755	8.706	43911860	16400189	5.149	5.338
Target Compounds						
26) L6 AR-1254-1	5.601	5.578	27168777	13670107	52.828m	52.393m
27) L6 AR-1254-2	5.749	5.726	23620321	13084376	52.317m	56.721m
28) L6 AR-1254-3	6.156	6.128	35558931	17874982	49.004m	49.522m
29) L6 AR-1254-4	6.384	6.355	18803102	8443949	43.856m	42.273m
30) L6 AR-1254-5	6.806	6.774	30890950	15538233	48.907	52.427

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:12
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

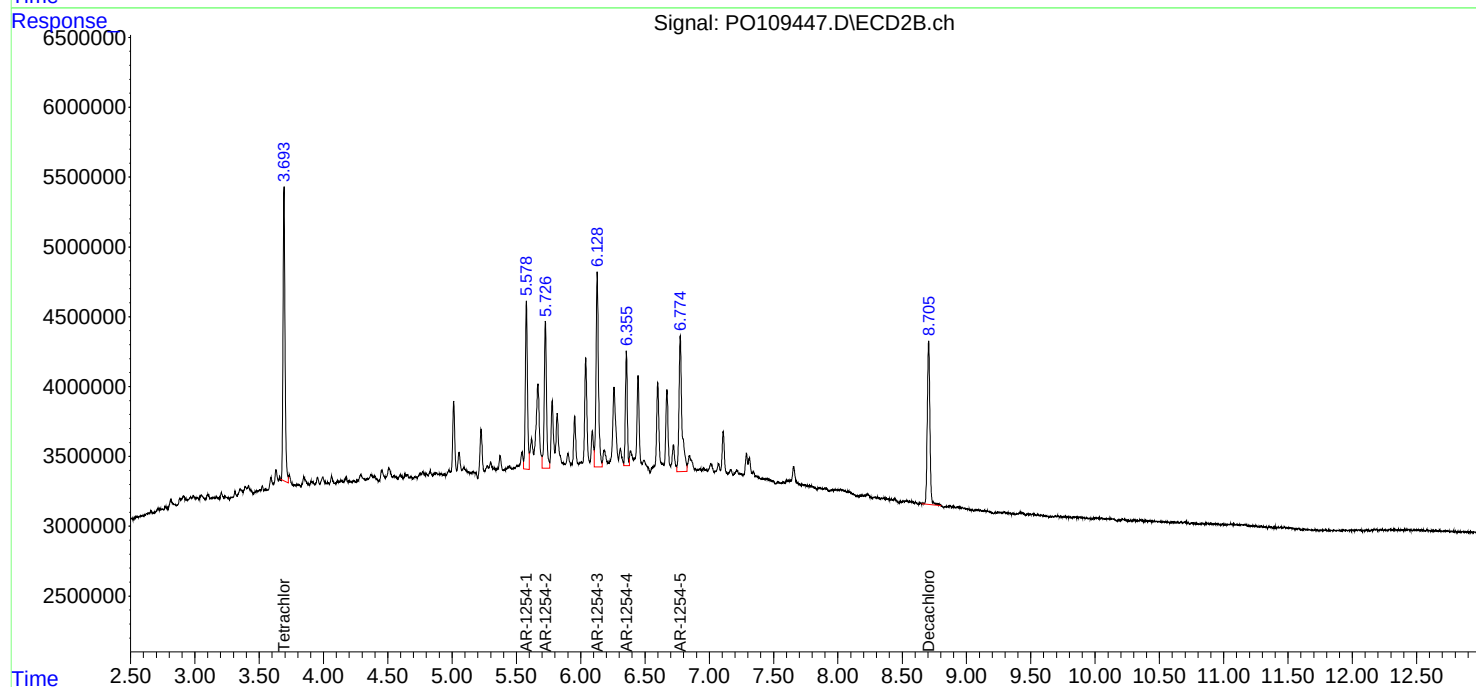
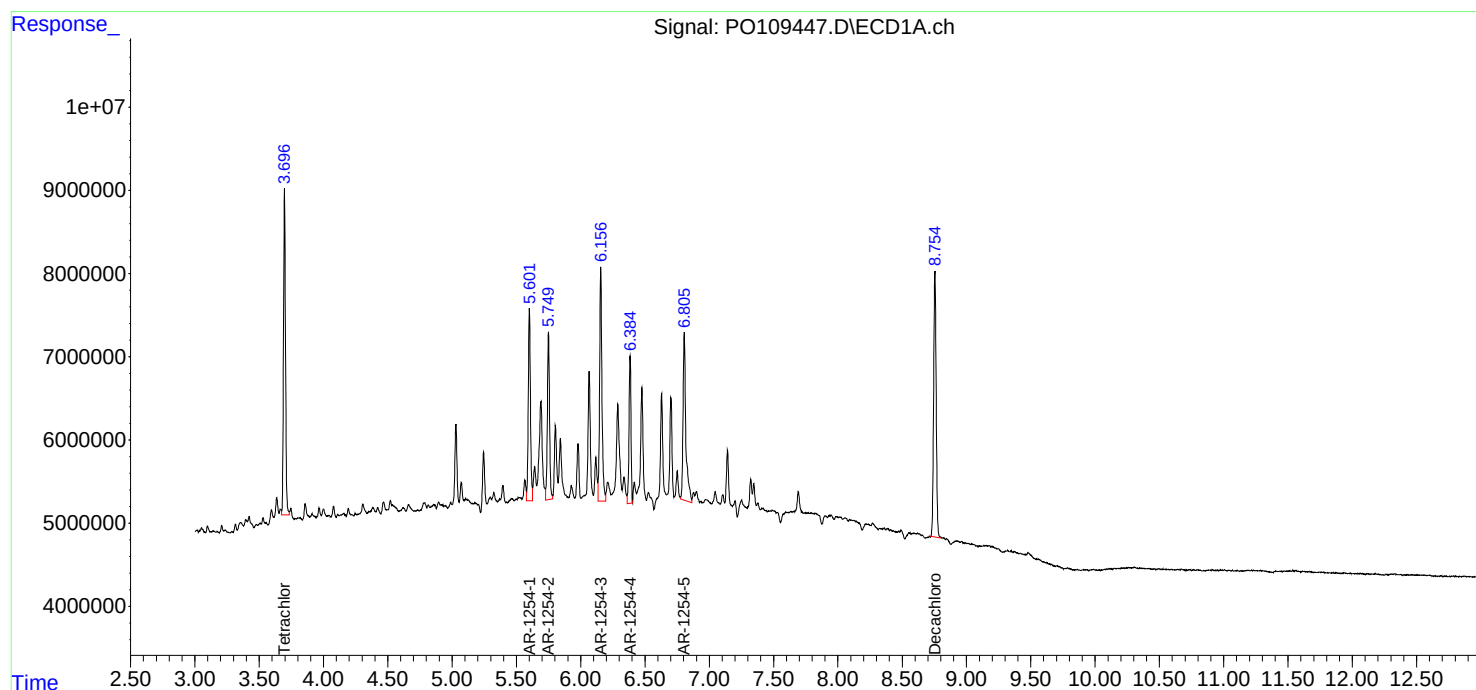
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109448.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 23:30
 Operator : YP/AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 04:11:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:05:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	478.0E6	256.6E6	50.000	50.000
2) SA Decachlor...	8.754	8.705	414.0E6	151.0E6	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	6.845	6.814	332.9E6	158.6E6	500.000	500.000
37) L8 AR-1262-2	7.346	7.313	564.9E6	249.3E6	500.000	500.000
38) L8 AR-1262-3	7.632	7.597	224.1E6	98127525	500.000	500.000
39) L8 AR-1262-4	7.696	7.661	414.6E6	177.4E6	500.000	500.000
40) L8 AR-1262-5	8.193	8.154	186.7E6	71568799	500.000	500.000

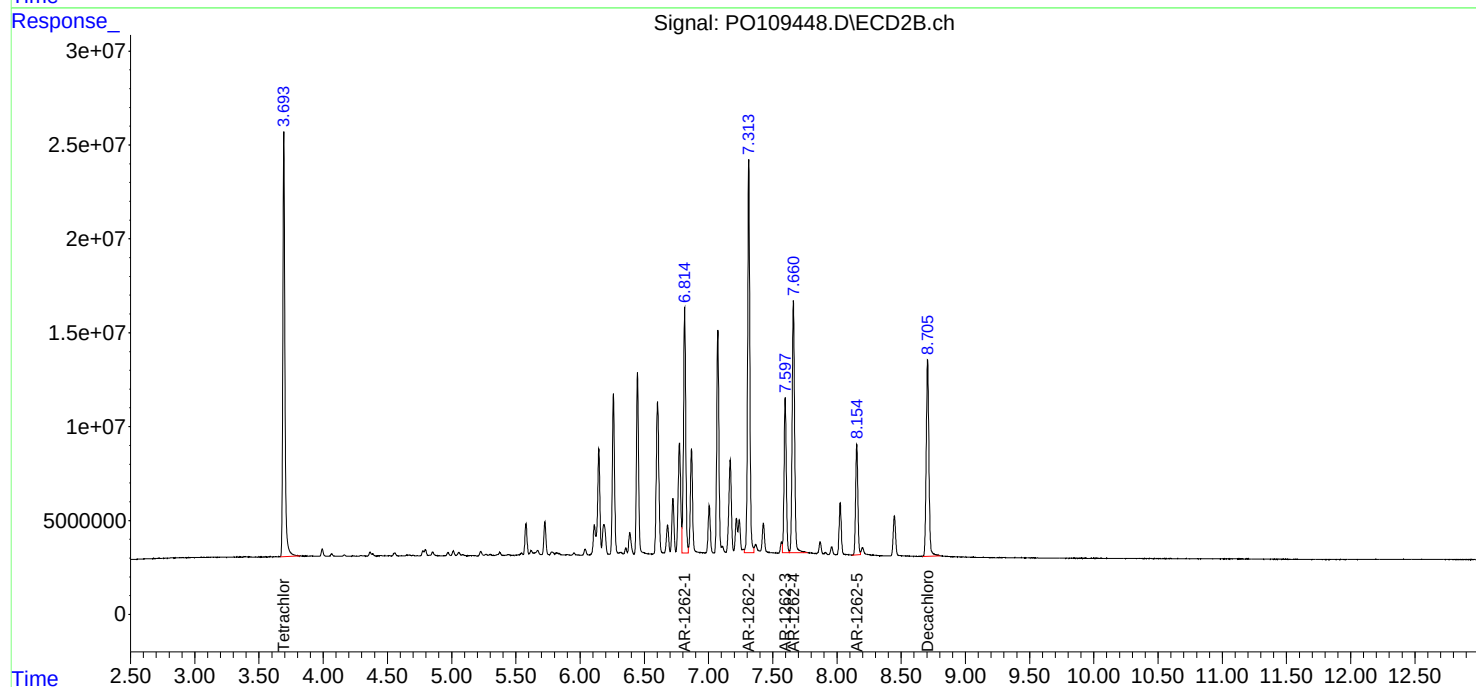
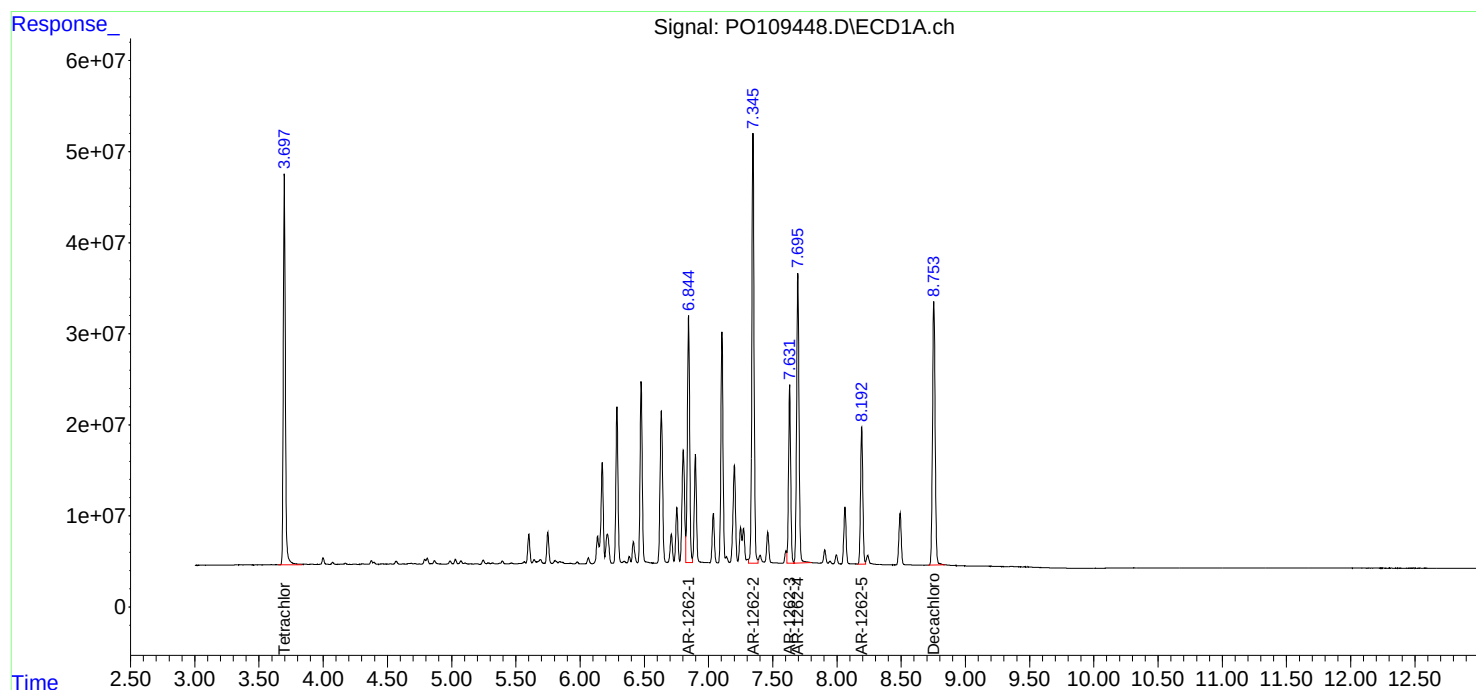
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:30
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:11:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:05:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 23:48
 Operator : YP/AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 04:17:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:14:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	965.3E6	526.7E6	96.981	98.845
2) SA Decachlor...	8.755	8.706	1414.8E6	495.1E6	97.758	96.622
Target Compounds						
41) L9 AR-1268-1	7.633	7.597	1298.9E6	554.1E6	985.386	982.199
42) L9 AR-1268-2	7.697	7.662	1196.3E6	512.6E6	990.433	984.000
43) L9 AR-1268-3	7.906	7.869	1000.4E6	413.6E6	987.744	983.635
44) L9 AR-1268-4	8.193	8.153	407.5E6	153.7E6	969.568	942.671
45) L9 AR-1268-5	8.493	8.447	3060.4E6	1087.2E6	1007.828	1001.290

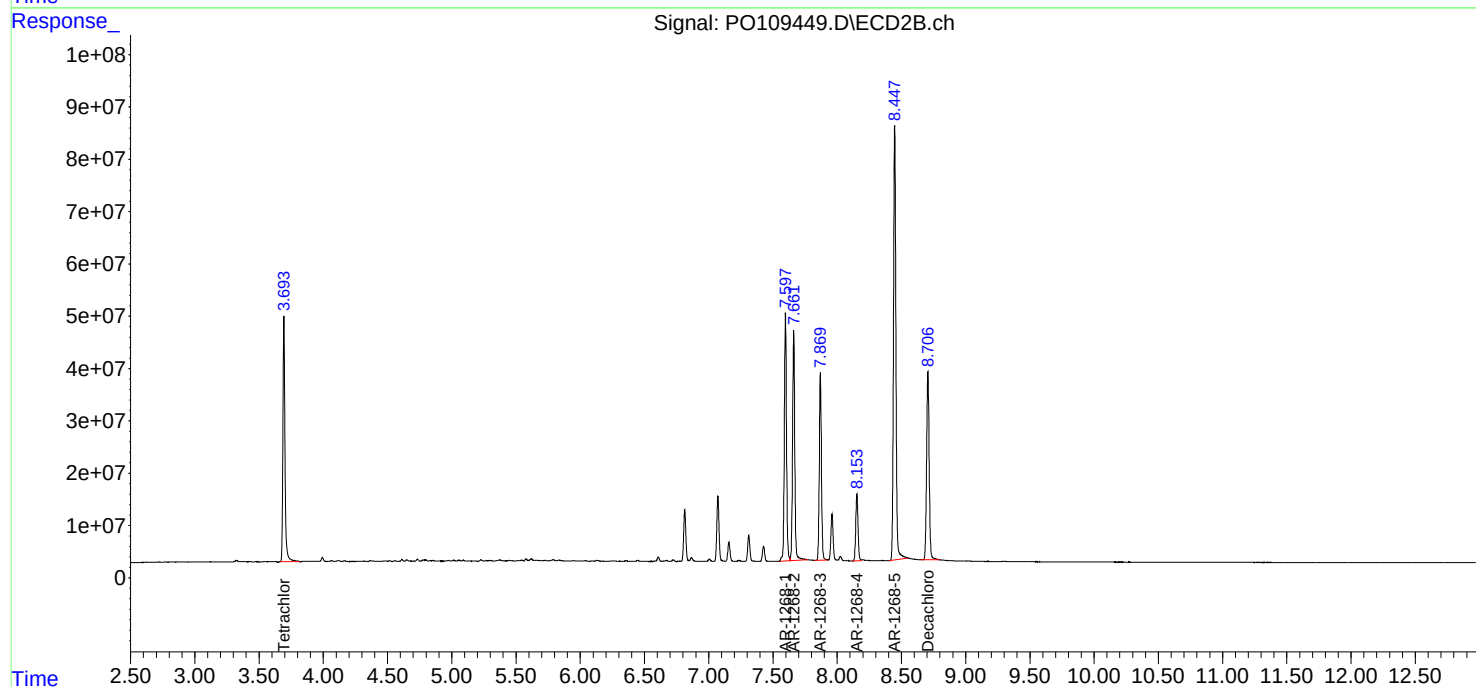
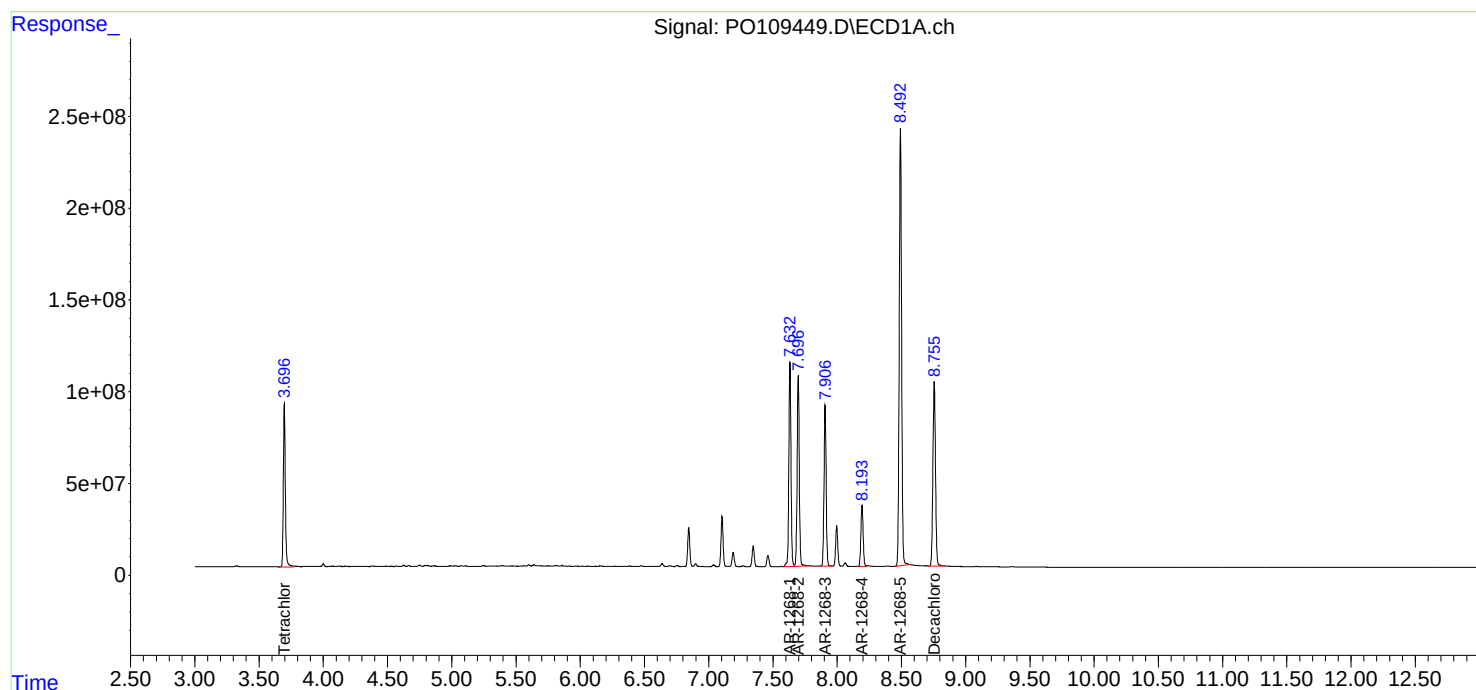
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:48
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109450.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 00:07
 Operator : YP/AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 04:17:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:14:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	735.0E6	395.3E6	73.842	74.195
2) SA Decachlor...	8.755	8.705	1059.4E6	373.0E6	73.204	72.789
Target Compounds						
41) L9 AR-1268-1	7.632	7.597	970.5E6	415.4E6	736.275	736.222
42) L9 AR-1268-2	7.697	7.661	892.1E6	383.3E6	738.582	735.790
43) L9 AR-1268-3	7.905	7.870	749.2E6	309.4E6	739.726	735.808
44) L9 AR-1268-4	8.193	8.153	306.7E6	116.3E6	729.785	712.986
45) L9 AR-1268-5	8.492	8.447	2260.0E6	808.5E6	744.267	744.582

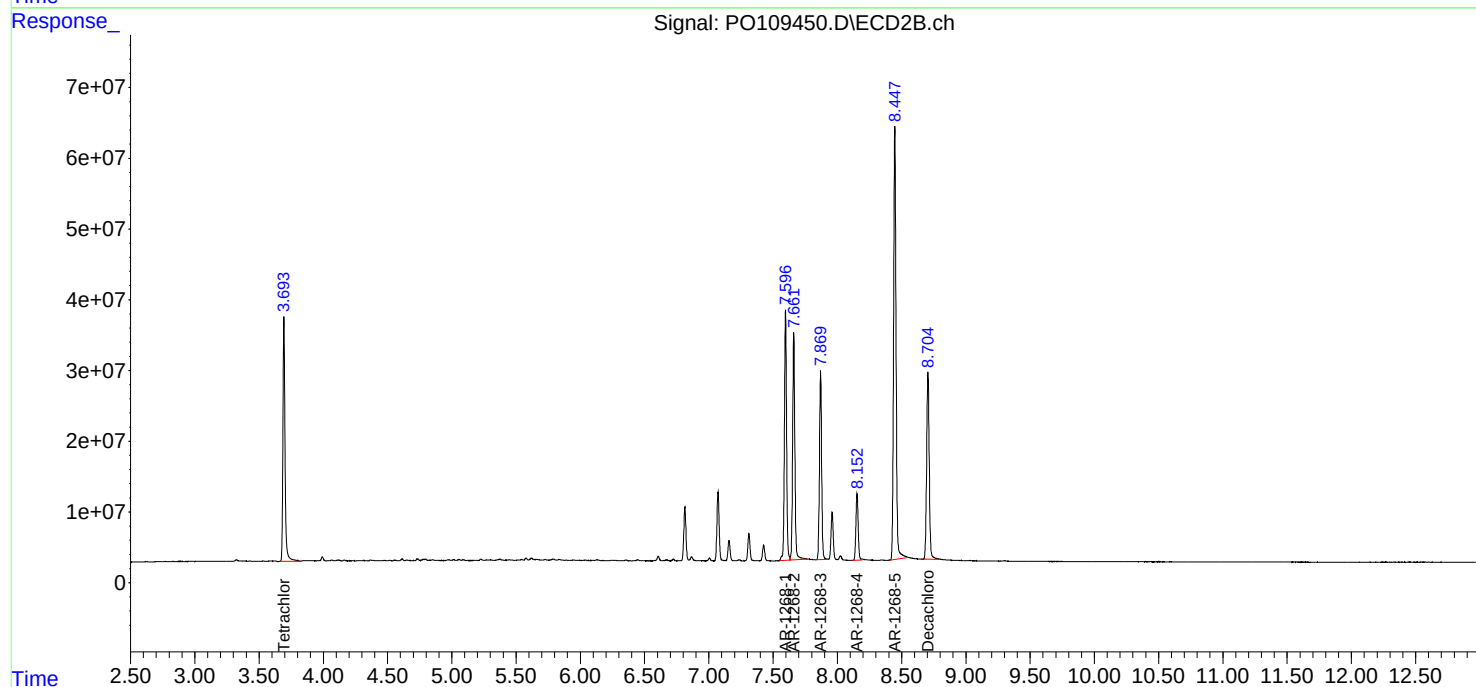
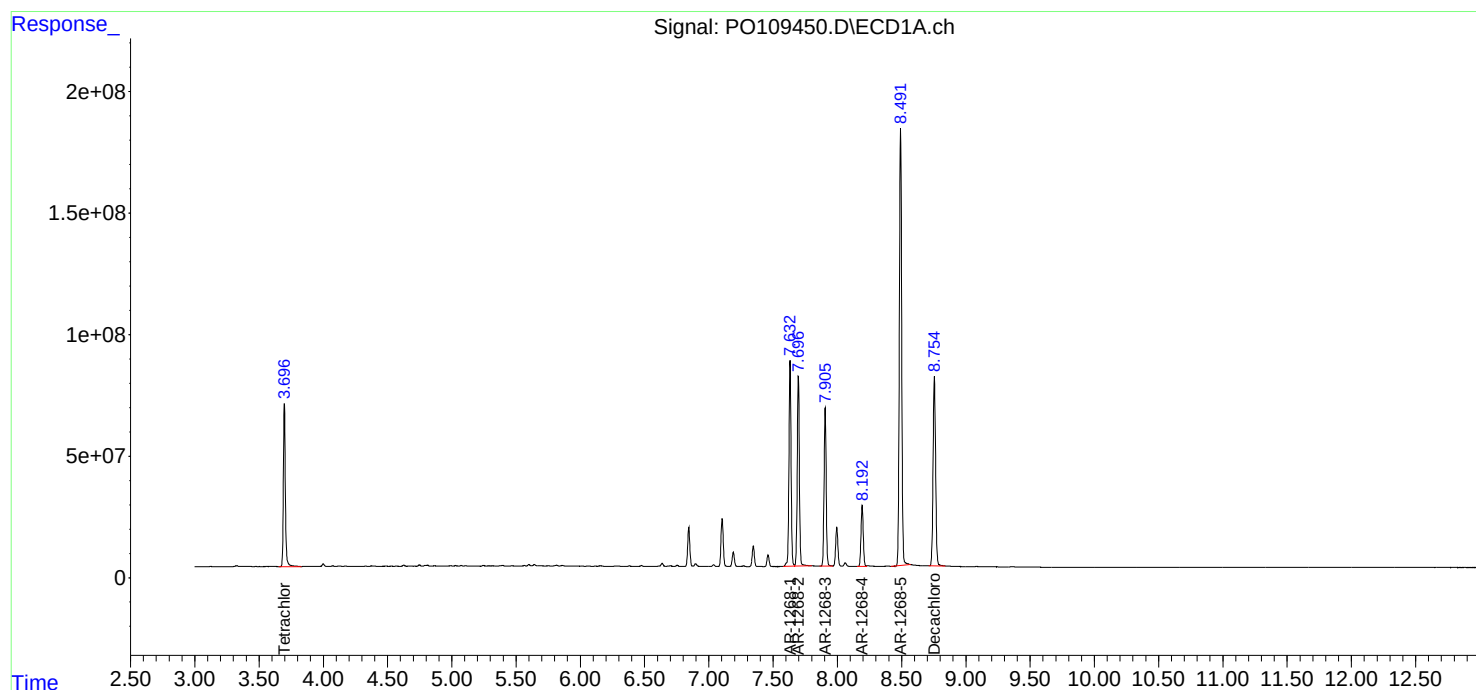
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:07
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 00:25
 Operator : YP/AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 04:17:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:14:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	497.7E6	266.4E6	50.000	50.000
2) SA Decachlor...	8.754	8.705	723.6E6	256.2E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	7.632	7.597	659.1E6	282.1E6	500.000	500.000
42) L9 AR-1268-2	7.696	7.662	603.9E6	260.5E6	500.000	500.000
43) L9 AR-1268-3	7.905	7.870	506.4E6	210.3E6	500.000	500.000
44) L9 AR-1268-4	8.193	8.154	210.1E6	81539410	500.000	500.000
45) L9 AR-1268-5	8.492	8.448	1518.3E6	542.9E6	500.000	500.000

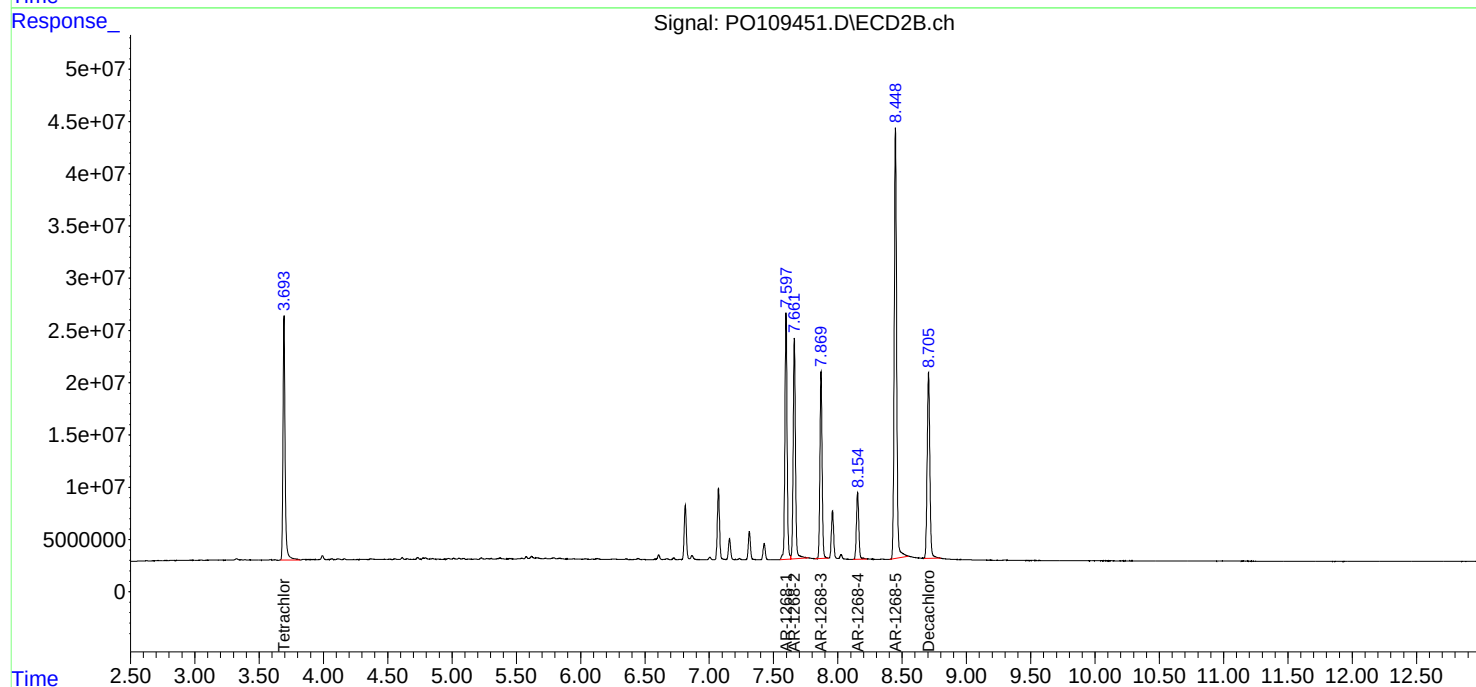
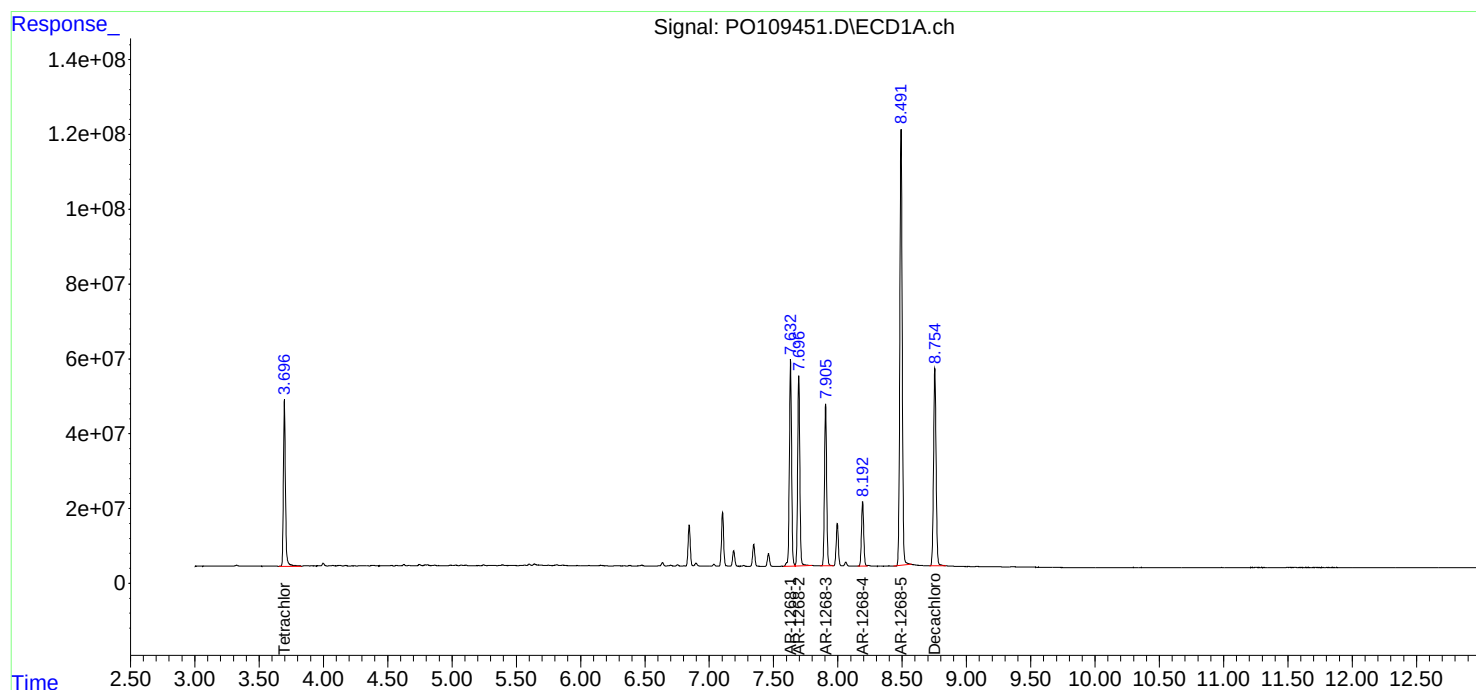
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
Data File : P0109451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:25
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 00:43
 Operator : YP/AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 04:17:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:14:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	259.0E6	137.7E6	26.023	25.841
2) SA Decachlor...	8.755	8.705	379.5E6	135.8E6	26.223	26.497
Target Compounds						
41) L9 AR-1268-1	7.632	7.597	341.4E6	147.8E6	259.019	261.921
42) L9 AR-1268-2	7.697	7.661	311.6E6	135.9E6	258.003	260.784
43) L9 AR-1268-3	7.905	7.869	262.4E6	110.6E6	259.092	263.118
44) L9 AR-1268-4	8.193	8.153	110.5E6	42415364	262.992	260.091
45) L9 AR-1268-5	8.492	8.447	768.8E6	280.3E6	253.190	258.141

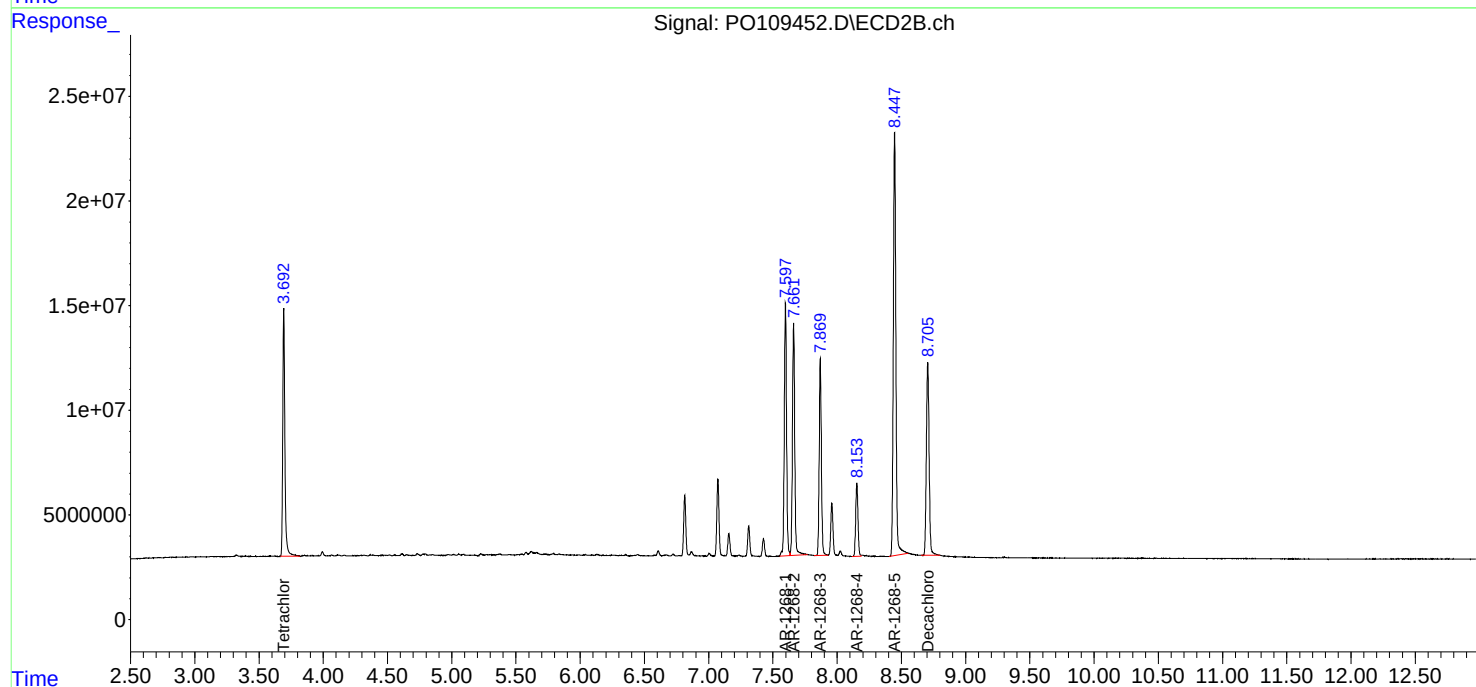
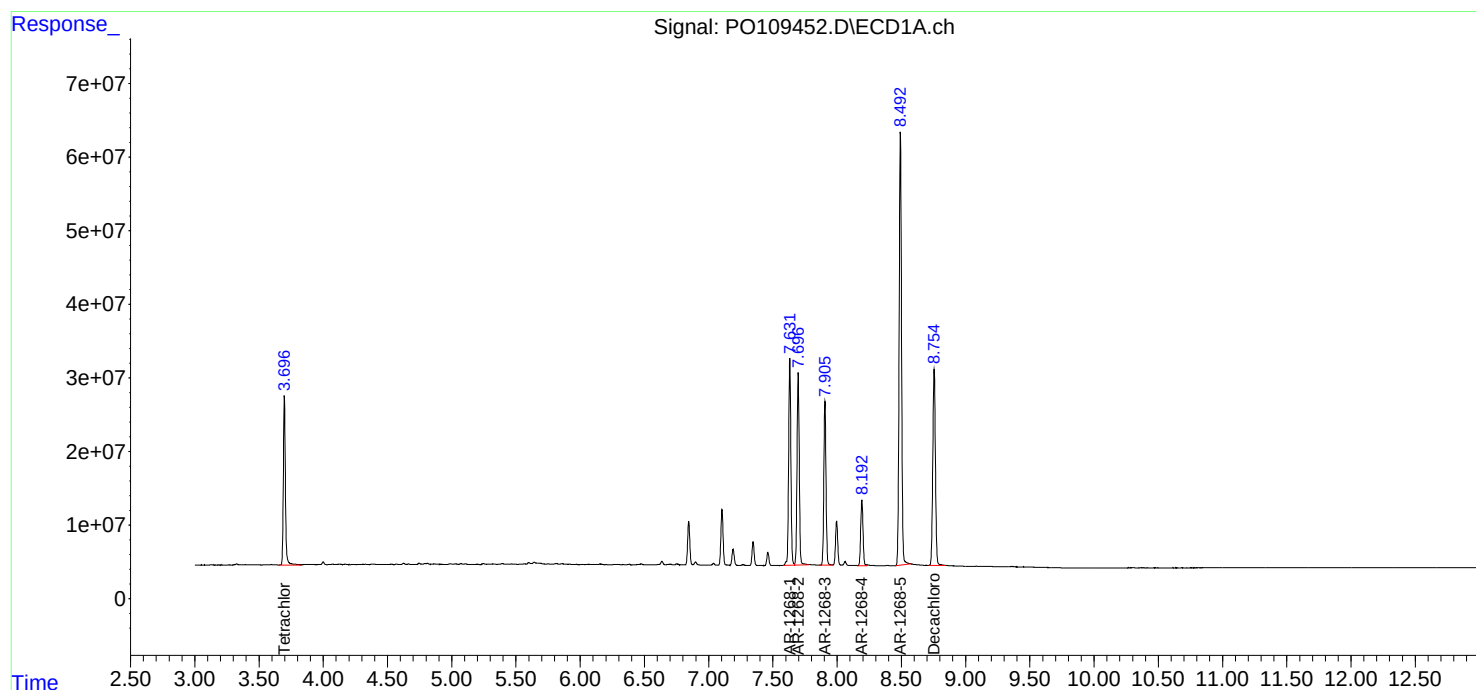
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109453.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 01:02
 Operator : YP/AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 04:18:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:14:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.692	48540301	25644875	4.877	4.813
2) SA Decachlor...	8.754	8.704	77206427	27914892	5.335	5.448
Target Compounds						
41) L9 AR-1268-1	7.632	7.596	67221395	29693417	50.998	52.632
42) L9 AR-1268-2	7.696	7.660	60264035	26832787	49.892	51.507
43) L9 AR-1268-3	7.905	7.869	51454508	22544472	50.804	53.610
44) L9 AR-1268-4	8.191	8.153	22268868	8258744	52.983	50.643
45) L9 AR-1268-5	8.492	8.447	145.6E6	54675030	47.957	50.353

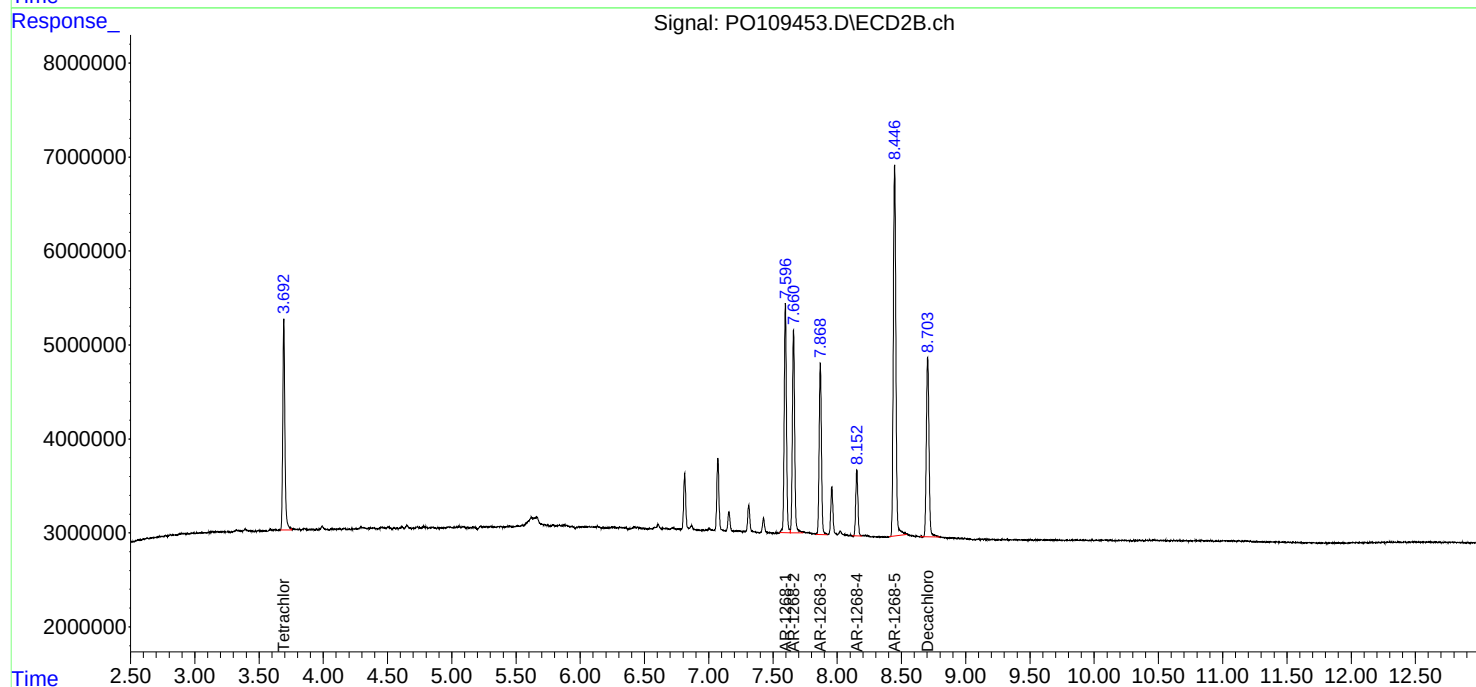
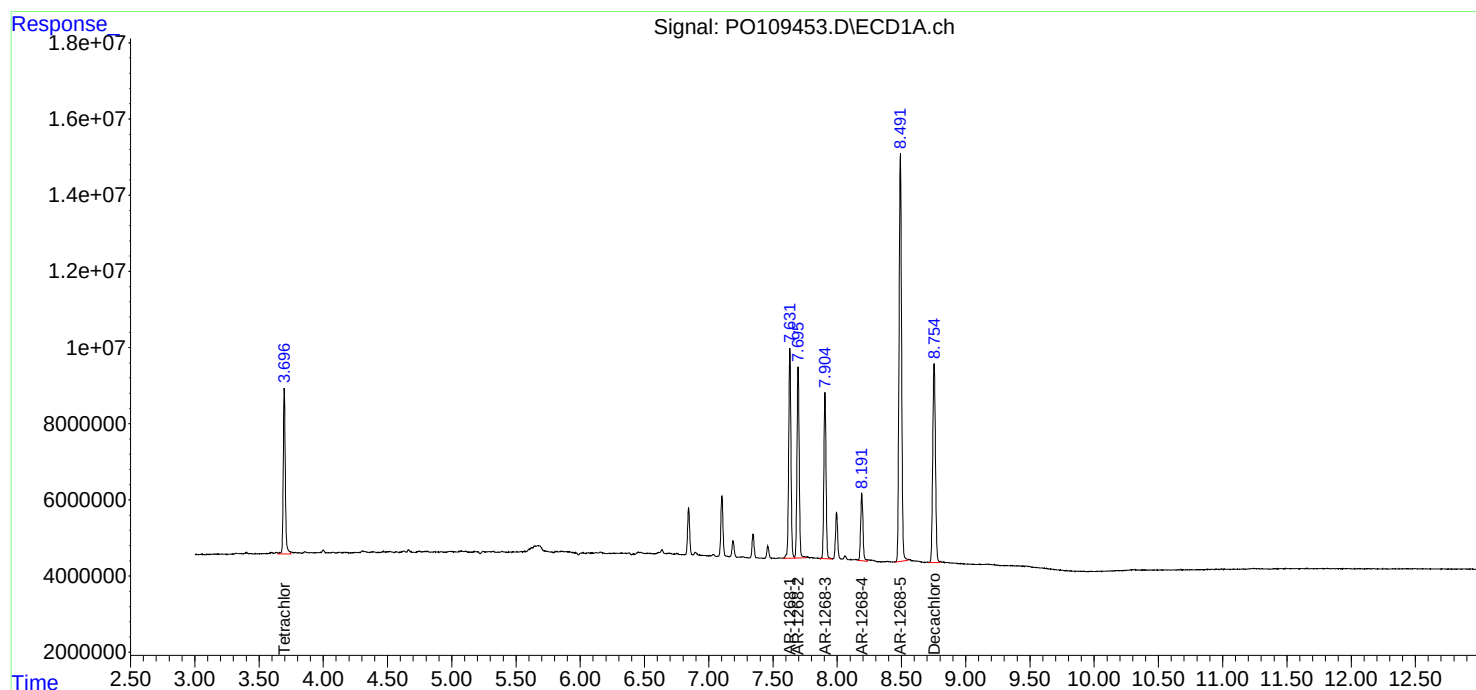
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:02
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 01:20
 Operator : YP/AJ
 Sample : P0022025ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO022025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:02:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:00:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.693	485.4E6	269.8E6	51.590	51.681
2) SA Decachlor...	8.754	8.704	443.6E6	158.9E6	51.926	50.342
Target Compounds						
3) L1 AR-1016-1	4.791	4.776	157.1E6	78402892	520.861	515.700
4) L1 AR-1016-2	4.810	4.796	215.0E6	109.8E6	518.628	514.474
5) L1 AR-1016-3	4.866	4.971	152.4E6	60872209	526.733	519.332
6) L1 AR-1016-4	4.987	5.013	119.0E6	52752395	526.672	521.449
7) L1 AR-1016-5	5.245	5.226	131.1E6	68386607	519.681	515.565
31) L7 AR-1260-1	6.286	6.260	235.3E6	118.3E6	513.812	508.238
32) L7 AR-1260-2	6.475	6.447	286.8E6	137.4E6	521.487	511.120
33) L7 AR-1260-3	6.844	6.600	241.2E6	127.7E6	520.450	510.981
34) L7 AR-1260-4	7.105	7.072	220.8E6	103.3E6	518.189	510.781
35) L7 AR-1260-5	7.346	7.312	513.3E6	224.9E6	512.587	506.808

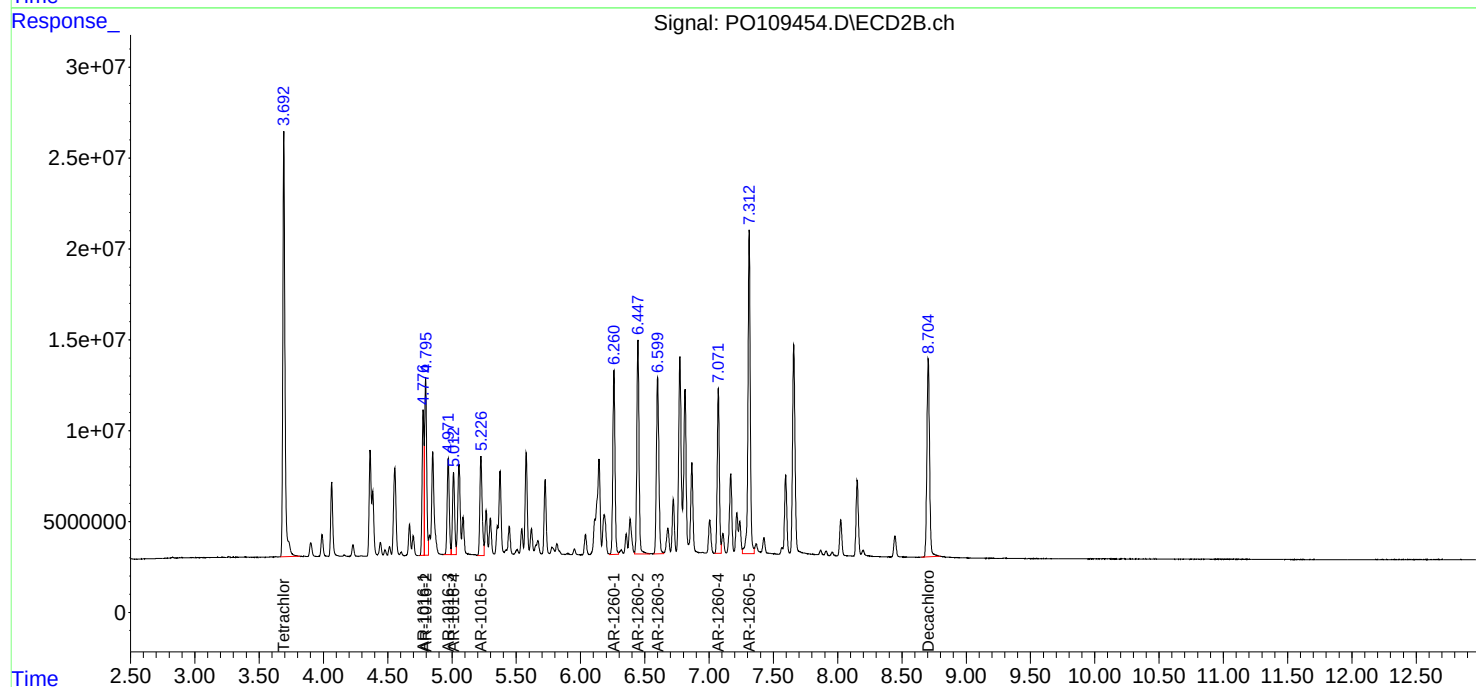
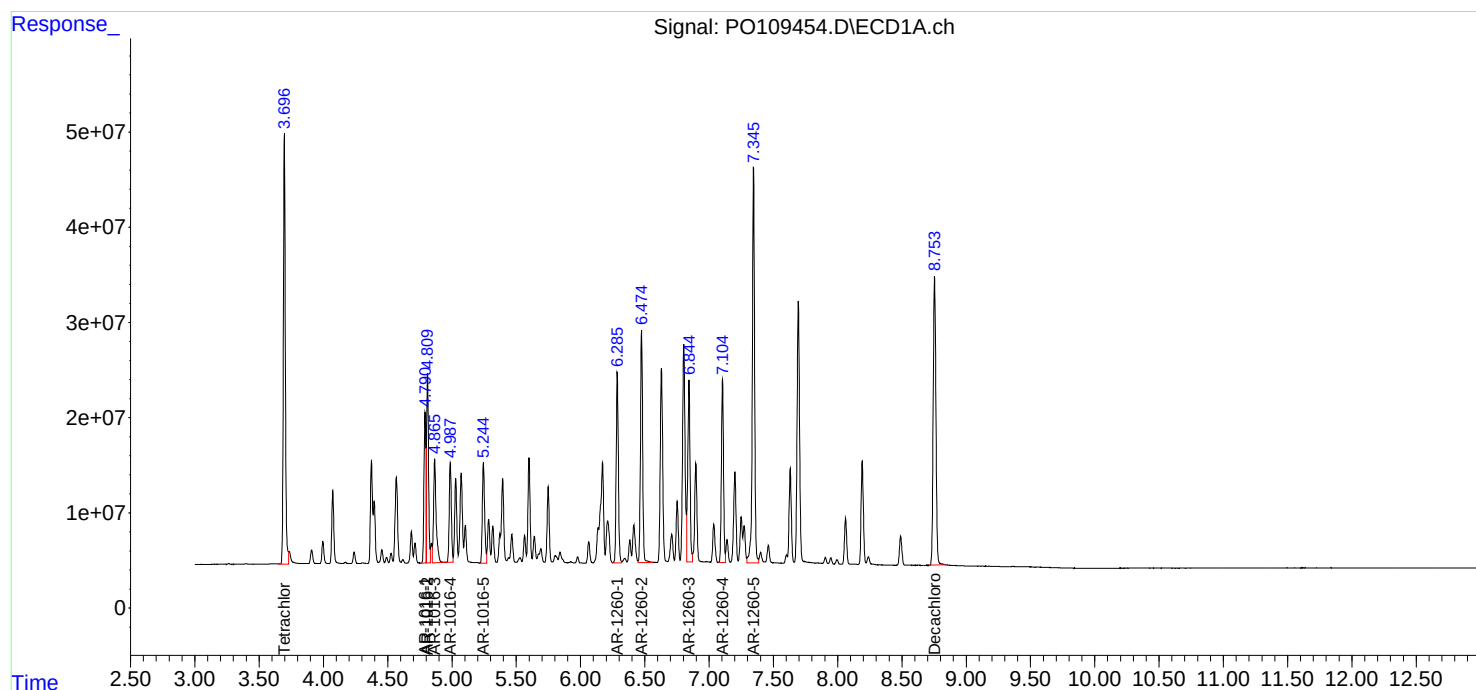
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:20
Operator : YP/AJ
Sample : PO022025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 01:38
 Operator : YP/AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO022025AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:28:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:26:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.693	473.0E6	263.5E6	50.071	50.141
2) SA Decachlor...	8.756	8.704	420.7E6	151.7E6	51.323	50.236
Target Compounds						
16) L4 AR-1242-1	4.791	4.777	132.7E6	66474054	503.582	499.322
17) L4 AR-1242-2	4.810	4.795	181.5E6	92310140	503.998	503.693
18) L4 AR-1242-3	4.867	4.971	128.4E6	51844543	500.289	507.061
19) L4 AR-1242-4	4.987	5.055	100.9E6	54380483	503.770	504.509
20) L4 AR-1242-5	5.642	5.577	106.0E6	63476044	499.124	506.838

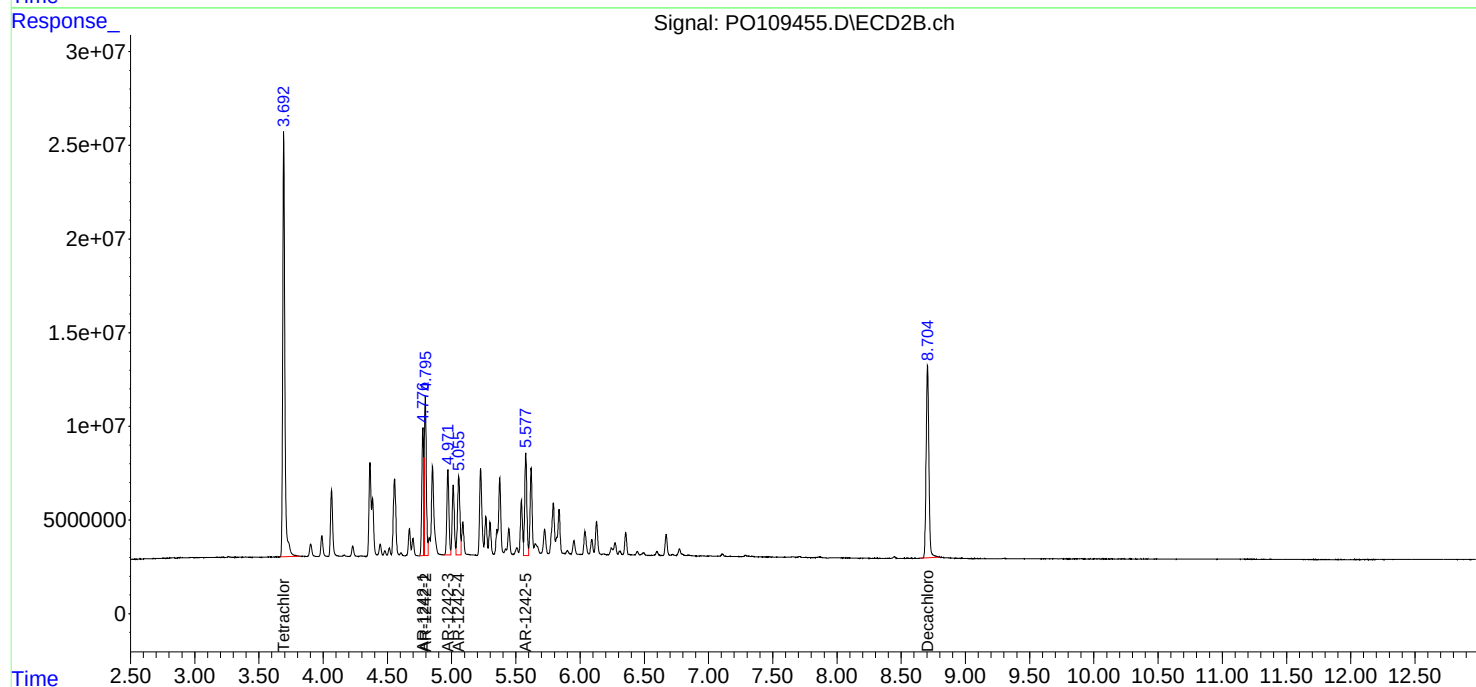
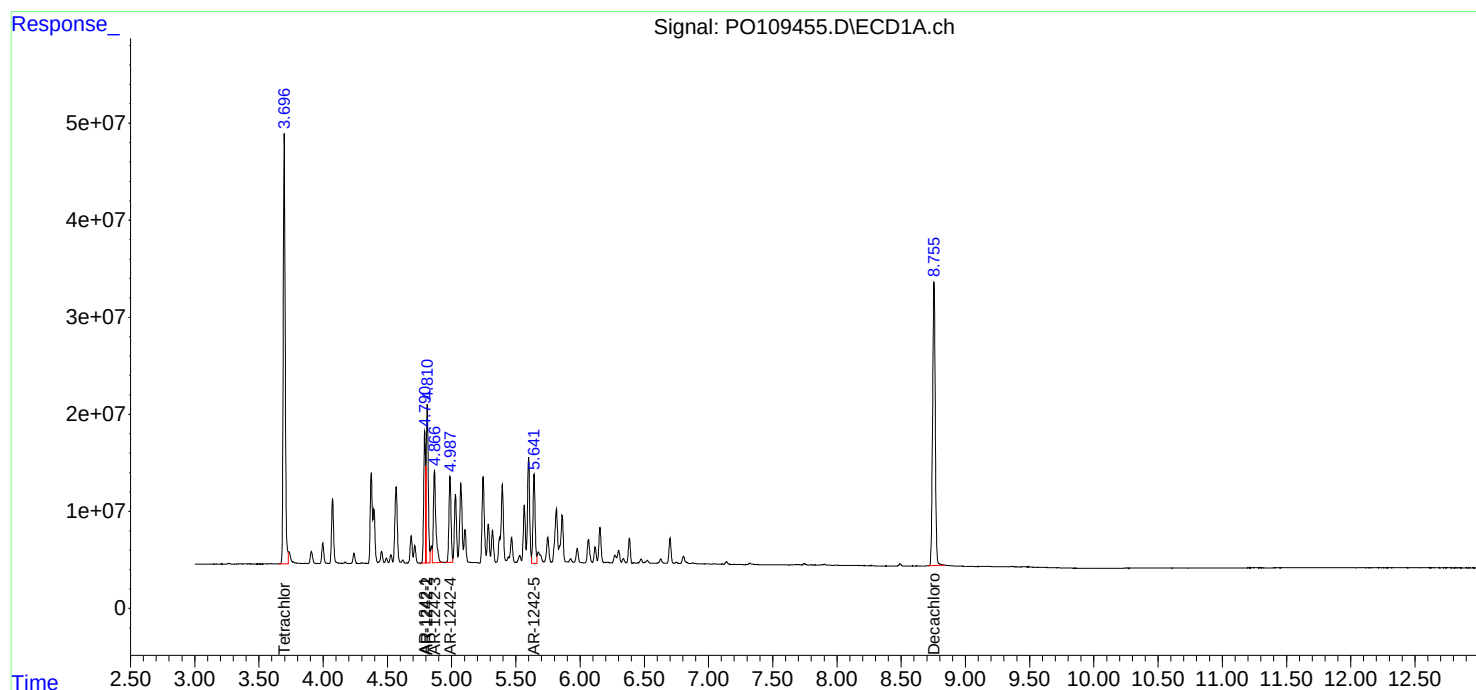
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:38
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109456.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 01:57
 Operator : YP/AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO022025AR1248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 02:49:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 02:44:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.693	490.5E6	262.1E6	50.234	50.194
2) SA Decachlor...	8.754	8.704	425.3E6	152.0E6	51.016	50.037
Target Compounds						
21) L5 AR-1248-1	4.790	4.776	100.9E6	50731291	502.457	503.449
22) L5 AR-1248-2	5.030	5.013	140.5E6	73502388	498.738	501.993
23) L5 AR-1248-3	5.244	5.056	174.2E6	78184021	503.235	502.140
24) L5 AR-1248-4	5.599	5.227	240.3E6	91183159	501.425	505.550
25) L5 AR-1248-5	5.641	5.619	167.5E6	84456599	496.149	498.047

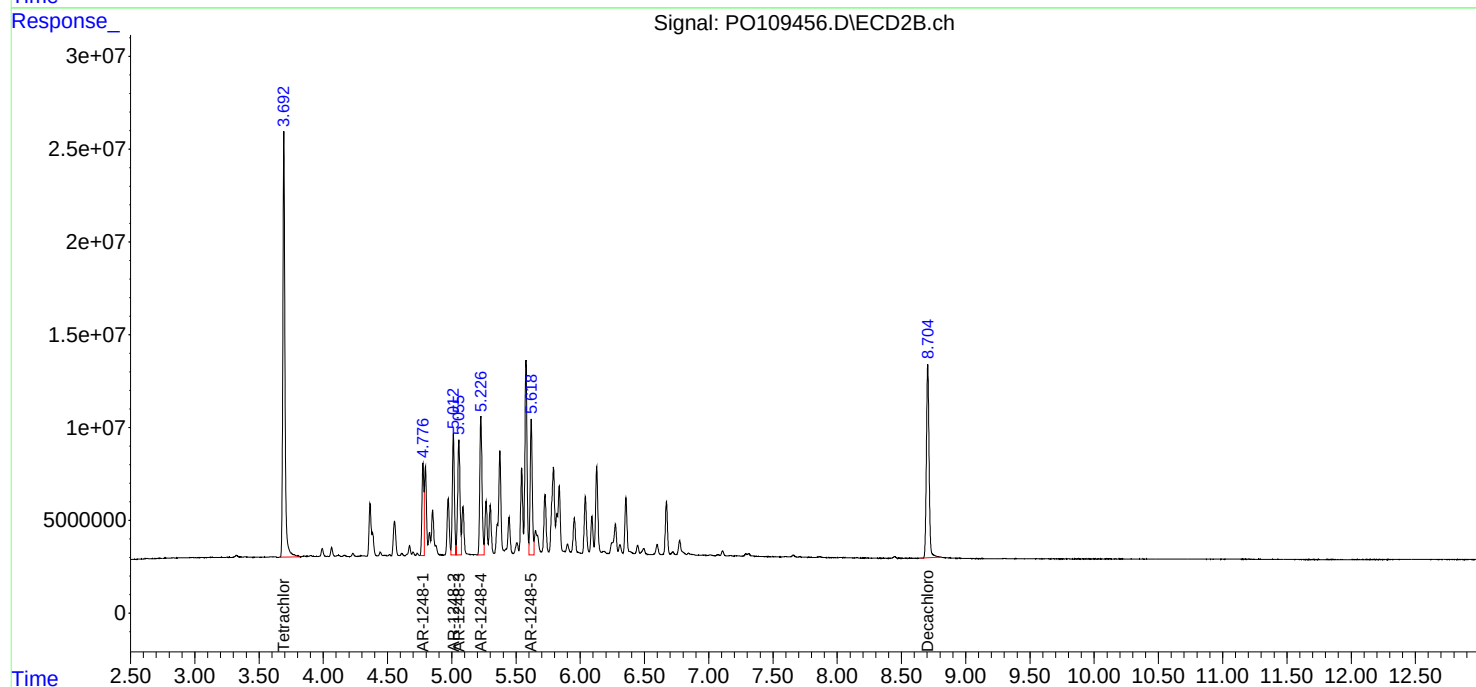
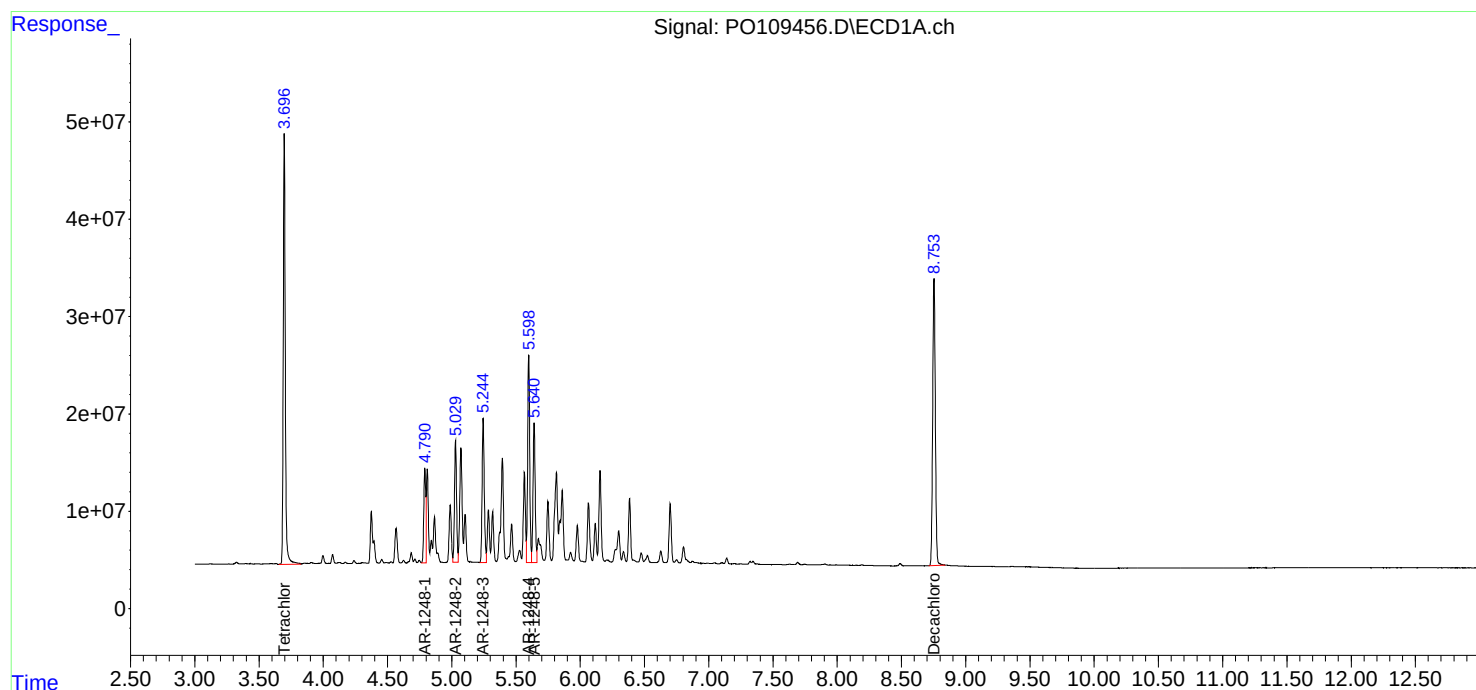
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:57
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109457.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 02:15
 Operator : YP/AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO022025AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 03:06:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 03:04:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.693	499.8E6	265.5E6	50.778	50.913
2) SA Decachlor...	8.755	8.705	431.6E6	154.0E6	50.609	50.133
Target Compounds						
26) L6 AR-1254-1	5.600	5.579	259.2E6	131.6E6	503.961	504.534
27) L6 AR-1254-2	5.749	5.727	227.8E6	116.8E6	504.590	506.344
28) L6 AR-1254-3	6.155	6.129	367.1E6	181.9E6	505.885	503.874
29) L6 AR-1254-4	6.385	6.356	217.7E6	101.2E6	507.824	506.393
30) L6 AR-1254-5	6.805	6.775	319.4E6	149.4E6	505.658	504.131

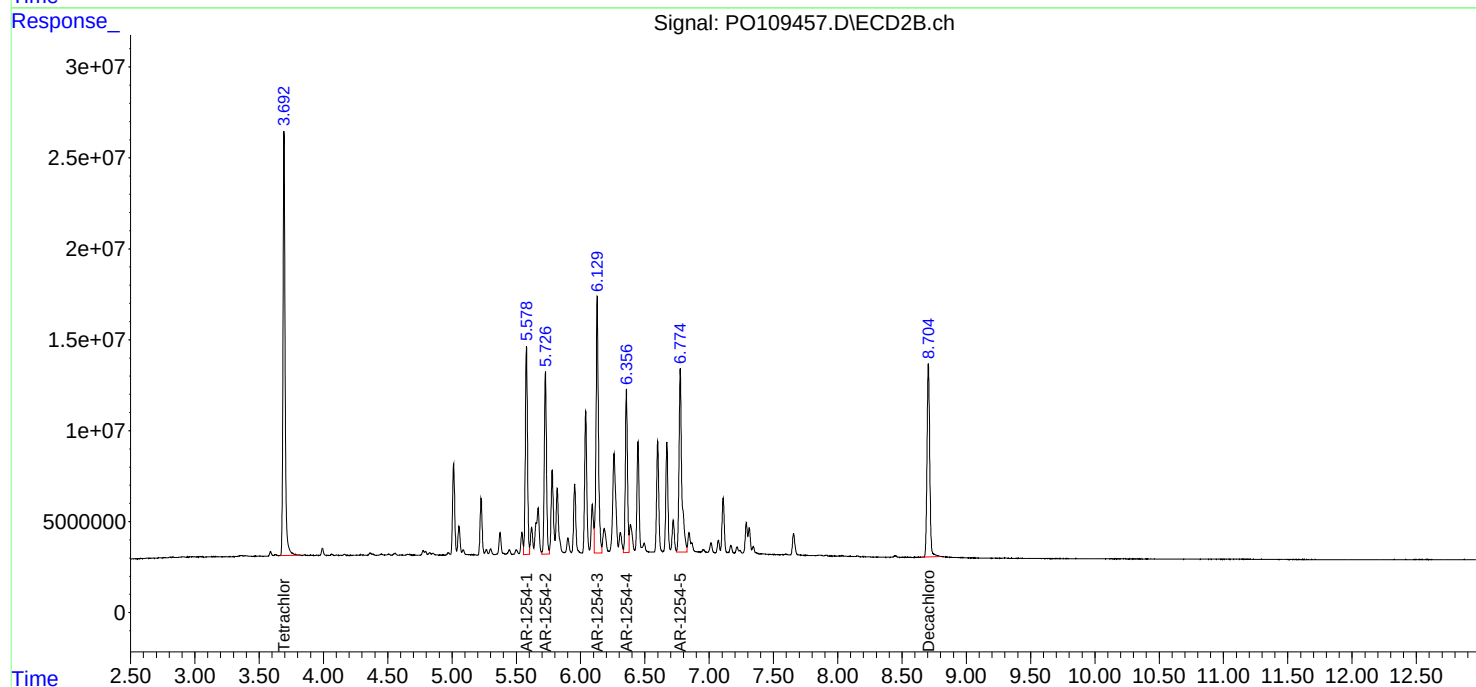
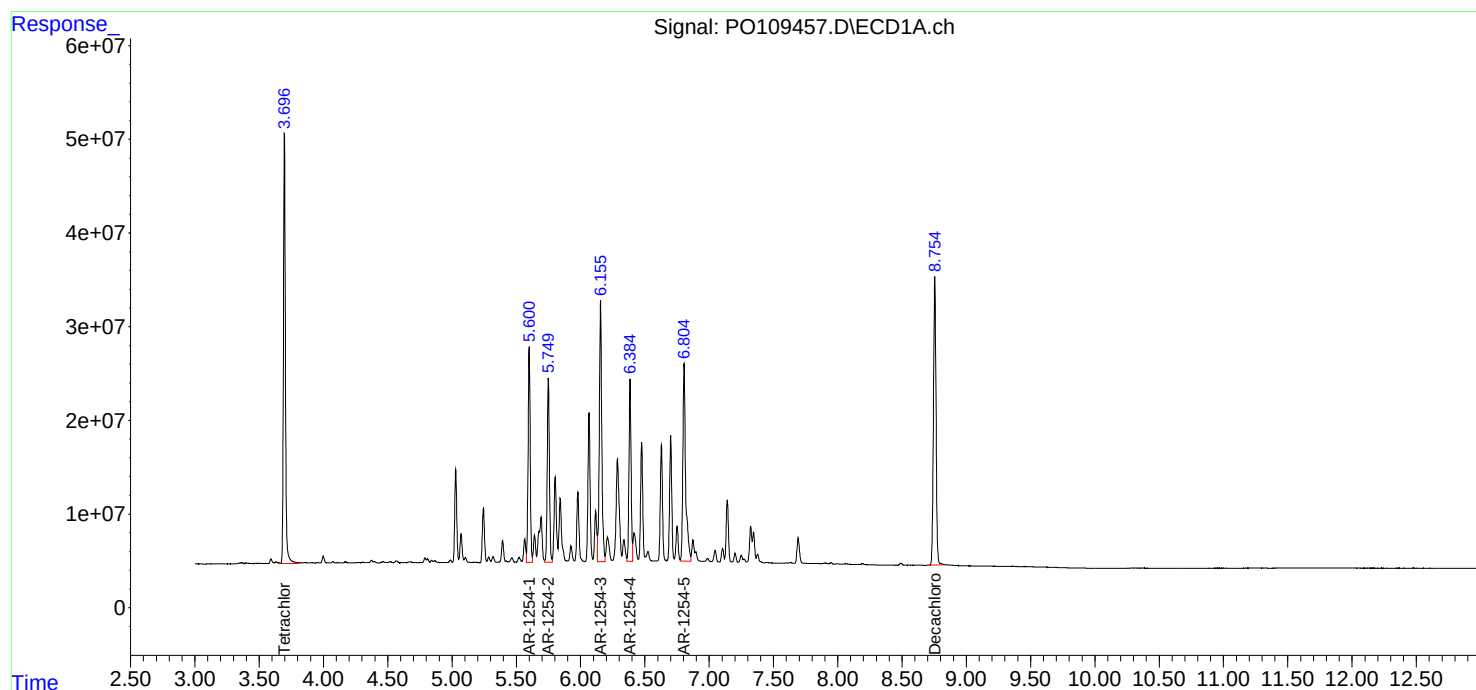
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:15
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022025\
 Data File : P0109458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 02:34
 Operator : YP/AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO022025AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 04:18:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:14:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.693	505.7E6	272.2E6	50.812	51.081
2) SA Decachlor...	8.754	8.704	737.4E6	260.5E6	50.951	50.843
Target Compounds						
41) L9 AR-1268-1	7.631	7.596	670.6E6	287.4E6	508.735	509.428
42) L9 AR-1268-2	7.696	7.660	616.2E6	265.8E6	510.180	510.135
43) L9 AR-1268-3	7.905	7.868	517.0E6	214.7E6	510.419	510.625
44) L9 AR-1268-4	8.193	8.152	213.4E6	83152742	507.822	509.893
45) L9 AR-1268-5	8.491	8.446	1546.7E6	554.6E6	509.351	510.729

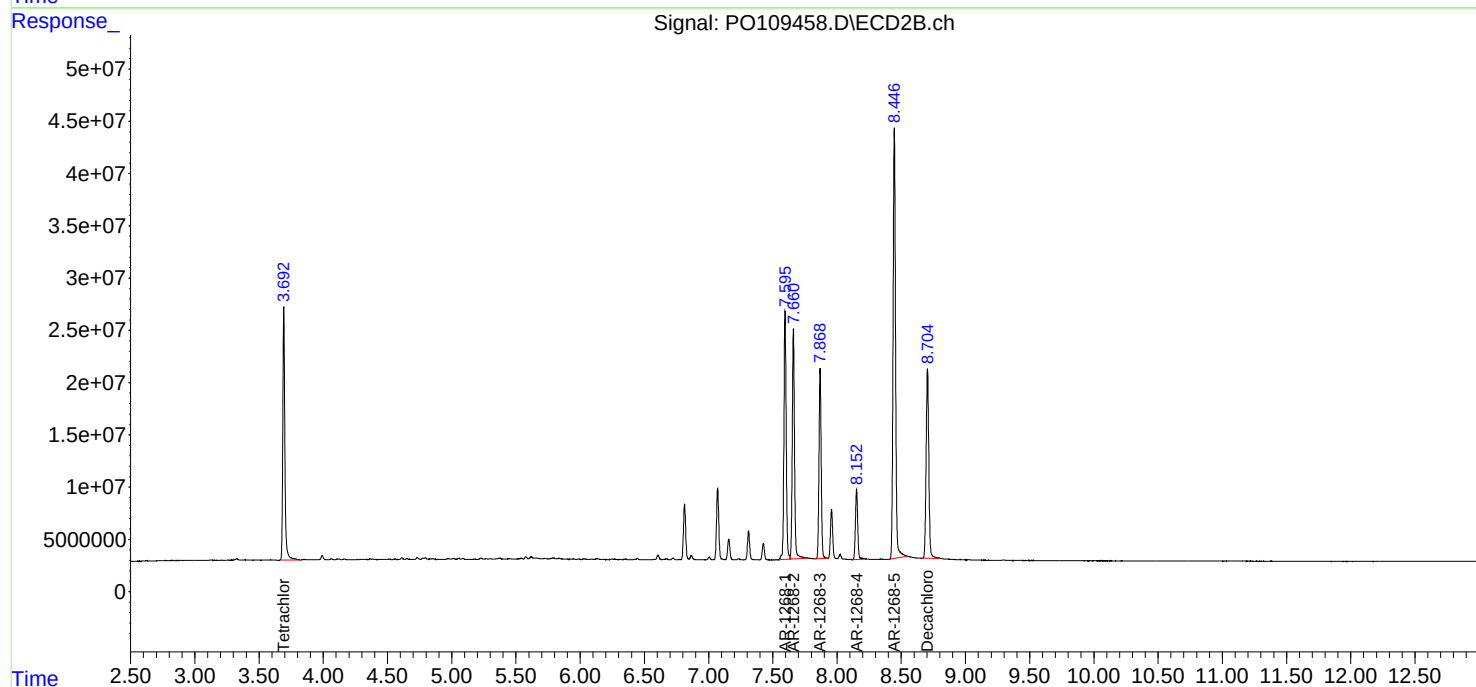
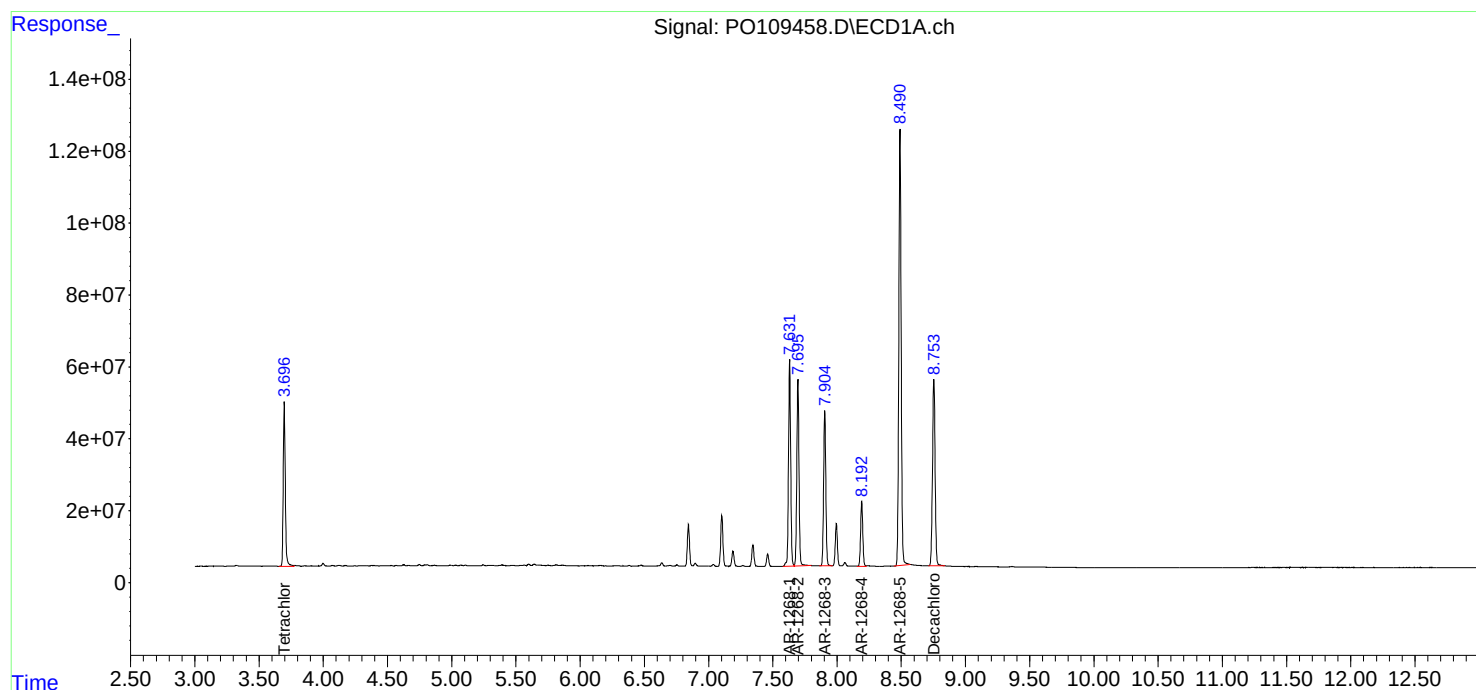
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:34
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO022025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



RETENTION TIMES OF INITIAL CALIBRATION

Contract:	<u>ATCE02</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1437</u>	SAS No.:	<u>Q1437</u>	SDG NO.:	<u>Q1437</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):		<u>02/24/2025</u>	<u>02/24/2025</u>		
		Calibration Times:		<u>14:59</u>	<u>22:17</u>		

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

LAB FILE ID: RT 1000 = PP069996.D RT 750 = PP069997.D
RT 500 = PP069998.D RT 250 = PP069999.D RT 050 = PP070000.D

[illegible]



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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.25	10.25	10.26	10.25	10.26	10.25	10.15	10.35
Tetrachloro-m-xylene	4.52	4.53	4.53	4.52	4.53	4.53	4.43	4.63

RETENTION TIMES OF INITIAL CALIBRATION

Contract:	<u>ATCE02</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1437</u>	SAS No.:	<u>Q1437</u>	SDG NO.:	<u>Q1437</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):		<u>02/24/2025</u>	<u>02/24/2025</u>		
		Calibration Times:		<u>14:59</u>	<u>22:17</u>		

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

LAB FILE ID: RT 1000 = PP069996.D RT 750 = PP069997.D
RT 500 = PP069998.D RT 250 = PP069999.D RT 050 = PP070000.D

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02
Lab Code: CHEM **Case No.:** Q1437 **SAS No.:** Q1437 **SDG NO.:** Q1437
Instrument ID: ECD_P **Calibration Date(s):** 02/24/2025 02/24/2025
Calibration Times: 14:59 22:17

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

LAB FILE ID:		CF 1000 = <u>PP069996.D</u>		CF 750 = <u>PP069997.D</u>			
CF 500 = <u>PP069998.D</u>		CF 250 = <u>PP069999.D</u>		CF 050 = <u>PP070000.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	45557625	47855512	49968516	54800208	50948980	49826168
Aroclor-1016-2	(2)	66706952	67781012	72991154	76640772	69769920	70777962
Aroclor-1016-3	(3)	40794671	44579197	45146958	47844192	41247180	43922440
Aroclor-1016-4	(4)	33978080	35043389	37559532	39668600	35057220	36261364
Aroclor-1016-5	(5)	31514906	31680175	34068042	35364724	35064900	33538549
Aroclor-1260-1	(1)	54823994	55486535	59388846	62695304	59405260	58359988
Aroclor-1260-2	(2)	73383444	75987972	80712800	85961116	92581060	81725278
Aroclor-1260-3	(3)	59489338	60560020	64011918	67792592	61951460	62761066
Aroclor-1260-4	(4)	58704582	59596489	63141360	67201512	68361020	63400993
Aroclor-1260-5	(5)	124764910	128178828	134805260	140592412	127581700	131184622
Decachlorobiphenyl		1071742430	1139629213	1165555660	1227723520	1090515400	1139033245
Tetrachloro-m-xylene		1433727050	1435859520	1533424440	1590932200	1344174400	1467623522
Aroclor-1242-1	(1)	38359202	40766156	41566668	47963164	43620760	42455190
Aroclor-1242-2	(2)	56757612	55666953	60328714	62664932	52294440	57542530
Aroclor-1242-3	(3)	34692482	36785992	38528310	46539712	33080140	37925327
Aroclor-1242-4	(4)	28738709	28291829	32018112	32372976	27652280	29814781
Aroclor-1242-5	(5)	32588629	32785485	35429746	39255208	36117200	35235254
Decachlorobiphenyl		1021050090	1049520227	1099648880	1125224680	979176800	1054924135
Tetrachloro-m-xylene		1392047690	1350066600	1467421460	1456806320	1242599600	1381788334
Aroclor-1248-1	(1)	29585124	31433301	32559076	36305496	33667780	32710155
Aroclor-1248-2	(2)	39473771	42013749	42864276	46958912	39450360	42152214
Aroclor-1248-3	(3)	43926772	44170904	46948106	50004072	40811360	45172243
Aroclor-1248-4	(4)	53918087	55655911	58640506	66304332	60297700	58963307
Aroclor-1248-5	(5)	51833391	52919351	56894804	67563228	56719440	57186043
Decachlorobiphenyl		1044729320	1067835560	1119982260	1186291160	1031748600	1090117380
Tetrachloro-m-xylene		1393266240	1426265507	1481945040	1527838200	1310175600	1427898117
Aroclor-1254-1	(1)	51156577	57570420	60622162	67008468	47144000	56700325
Aroclor-1254-2	(2)	78872042	81254612	86985854	93340172	97974740	87685484
Aroclor-1254-3	(3)	79973406	82322503	87641586	92940192	102754200	89126377
Aroclor-1254-4	(4)	66856800	68050653	73453394	76814612	87380160	74511124
Aroclor-1254-5	(5)	65315189	68448207	69620926	72356948	60070200	67162294
Decachlorobiphenyl		1075591380	1094765307	1221801800	1207489520	1097348200	1139399241
Tetrachloro-m-xylene		1443804100	1475957520	1555264320	1605313440	1392239200	1494515716
Aroclor-1268-1	(1)	188433469	184749517	193628348	206851508	186804180	192093404



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	162697797	159627413	168307400	177293676	160000200	165585297	4
Aroclor-1268-3	(3)	141621356	137143849	145386650	153273656	140094780	143504058	4
Aroclor-1268-4	(4)	63392961	60284985	64357574	66970196	60240320	63049207	5
Aroclor-1268-5	(5)	414016384	401287087	418333378	444189832	401775920	415920520	4
Decachlorobiphenyl		1839528480	1828279133	1916502300	2031355480	1847859400	1892704959	4
Tetrachloro-m-xylene		1501238100	1376017987	1532711540	1621137720	1417123400	1489645749	7

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02
Lab Code: CHEM **Case No.:** Q1437 **SAS No.:** Q1437 **SDG NO.:** Q1437
Instrument ID: ECD_P **Calibration Date(s):** 02/24/2025 02/24/2025
Calibration Times: 14:59 22:17

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

LAB FILE ID:								
CF 1000 =		PP069996.D		CF 750 =		PP069997.D		
CF 500 =		PP069998.D		CF 250 =		PP069999.D		
CF 050 =		PP070000.D						
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	29885830	30191223	33586918	36186236	37142680	33398577	10
Aroclor-1016-2	(2)	42247324	42370143	46984138	50510676	50858960	46594248	9
Aroclor-1016-3	(3)	23325129	22666977	25816242	27757500	25596220	25032414	8
Aroclor-1016-4	(4)	18421261	17991491	20585360	22152124	21203180	20070683	9
Aroclor-1016-5	(5)	23822938	23028484	26536406	28616852	27728040	25946544	9
Aroclor-1260-1	(1)	44977992	45171227	49550340	56779968	51216800	49539265	10
Aroclor-1260-2	(2)	59688698	59926561	64720792	71640216	71124240	65420101	9
Aroclor-1260-3	(3)	52251359	51461445	57261004	62988144	77648420	60322074	18
Aroclor-1260-4	(4)	44361395	45109507	48615116	51524344	54726600	48867392	9
Aroclor-1260-5	(5)	111484150	113477796	119592622	125243744	126075940	119174850	6
Decachlorobiphenyl		984571270	1029317907	1118262220	1135932120	1152437600	1084104223	7
Tetrachloro-m-xylene		879784240	907640400	952717360	1058760600	981262000	956032920	7
Aroclor-1242-1	(1)	25489035	24475017	27848416	27117444	28407820	26667546	6
Aroclor-1242-2	(2)	35977820	35199769	38539928	39076044	37212540	37201220	4
Aroclor-1242-3	(3)	19863858	18273261	20997152	20082888	19211500	19685732	5
Aroclor-1242-4	(4)	18777771	17922656	19968364	21100536	20505160	19654897	7
Aroclor-1242-5	(5)	24360224	22407967	26366090	27368000	23855560	24871568	8
Decachlorobiphenyl		899284040	984619373	1017502000	1027377360	962336000	978223755	5
Tetrachloro-m-xylene		920809800	854904253	959106780	929536920	894966400	911864831	4
Aroclor-1248-1	(1)	19339318	20312839	22158310	22596092	21441940	21169700	6
Aroclor-1248-2	(2)	25841628	26874321	28982946	30984640	28578600	28252427	7
Aroclor-1248-3	(3)	26866525	28025000	30088164	32810700	30987640	29755606	8
Aroclor-1248-4	(4)	31739244	33065895	35285822	36808472	38827540	35145395	8
Aroclor-1248-5	(5)	32923317	34190145	36090288	38291344	39345240	36168067	7
Decachlorobiphenyl		999826530	1002616133	1003875200	1054961080	1165261200	1045308029	7
Tetrachloro-m-xylene		903111320	931293867	957405100	986258320	972075400	950028801	3
Aroclor-1254-1	(1)	50279933	51640439	55752488	60013056	55160920	54569367	7
Aroclor-1254-2	(2)	44271421	45567105	49578352	53549416	50761380	48745535	8
Aroclor-1254-3	(3)	70979950	72598121	78881282	84287020	72336540	75816583	7
Aroclor-1254-4	(4)	50771725	50149405	54249580	57298592	44830820	51460024	9
Aroclor-1254-5	(5)	64408865	66088107	72696700	75630908	59021560	67569228	10
Decachlorobiphenyl		963124600	1013018133	1145558760	1245512000	1148271200	1103096939	10
Tetrachloro-m-xylene		957176240	952284093	991535260	1081903280	978837400	992347255	5
Aroclor-1268-1	(1)	160284327	157759444	159569126	170516088	180615940	165748985	6



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	139528496	137224495	137304354	146542344	164608100	145041558	8
Aroclor-1268-3	(3)	118669811	115934707	120470364	129761704	127485360	122464389	5
Aroclor-1268-4	(4)	50956768	50155827	52914114	57814536	54084040	53185057	6
Aroclor-1268-5	(5)	345492428	353062379	344150492	366619864	366772500	355219533	3
Decachlorobiphenyl		1574839450	1670989493	1686779340	1791292760	1882315600	1721243329	7
Tetrachloro-m-xylene		969499550	855552893	995885280	1076293640	1034726400	986391553	8



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Instrument ID: ECD_P Date(s) Analyzed: 02/24/2025 02/24/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.73	4.63	4.83	18915900
		2	4.81	4.71	4.91	14591600
		3	4.89	4.79	4.99	43158200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.89	4.79	4.99	32884000
		2	5.42	5.32	5.52	16260200
		3	5.70	5.60	5.80	34867200
		4	5.86	5.76	5.96	17799400
		5	5.95	5.85	6.05	12607200
Aroclor-1262	500	1	8.11	8.01	8.21	80729000
		2	8.43	8.33	8.53	161087000
		3	8.75	8.65	8.85	110612000
		4	8.84	8.74	8.94	83914000
		5	9.49	9.39	9.59	58804600



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Instrument ID: ECD_P Date(s) Analyzed: 02/24/2025 02/24/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.04	3.94	4.14	13421200
		2	4.13	4.03	4.23	10166200
		3	4.21	4.11	4.31	30359600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.21	4.11	4.31	22742000
		2	4.94	4.84	5.04	22833200
		3	5.12	5.02	5.22	12024000
		4	5.20	5.10	5.30	10865300
		5	5.37	5.27	5.47	11305400
Aroclor-1262	500	1	6.97	6.87	7.07	83475400
		2	7.23	7.13	7.33	66291000
		3	7.75	7.65	7.85	60580400
		4	7.81	7.71	7.91	105474000
		5	8.32	8.22	8.42	51930200

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP069996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 14:59
 Operator : YP\AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:02:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:02:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.523	3.829	143.4E6	87978424	93.498	92.345
2) SA Decachlor...	10.252	8.887	107.2E6	98457127	91.951	88.045
Target Compounds						
3) L1 AR-1016-1	5.675	4.919	45557625	29885830	911.727	889.806
4) L1 AR-1016-2	5.697	4.938	66706952	42247324	913.905	899.183
5) L1 AR-1016-3	5.760	5.115	40794671	23325129	903.597	903.506
6) L1 AR-1016-4	5.857	5.157	33978080	18421261	904.646	894.872
7) L1 AR-1016-5	6.150	5.373	31514906	23822938	925.058	897.745
31) L7 AR-1260-1	7.270	6.411	54823994	44977992	923.136	907.723
32) L7 AR-1260-2	7.524	6.598	73383444	59688698	909.192	922.249
33) L7 AR-1260-3	7.882	6.752	59489338	52251359	929.348	912.512
34) L7 AR-1260-4	8.107	7.225	58704582	44361395	929.733	912.502
35) L7 AR-1260-5	8.427	7.466	124.8E6	111.5E6	925.520	932.199

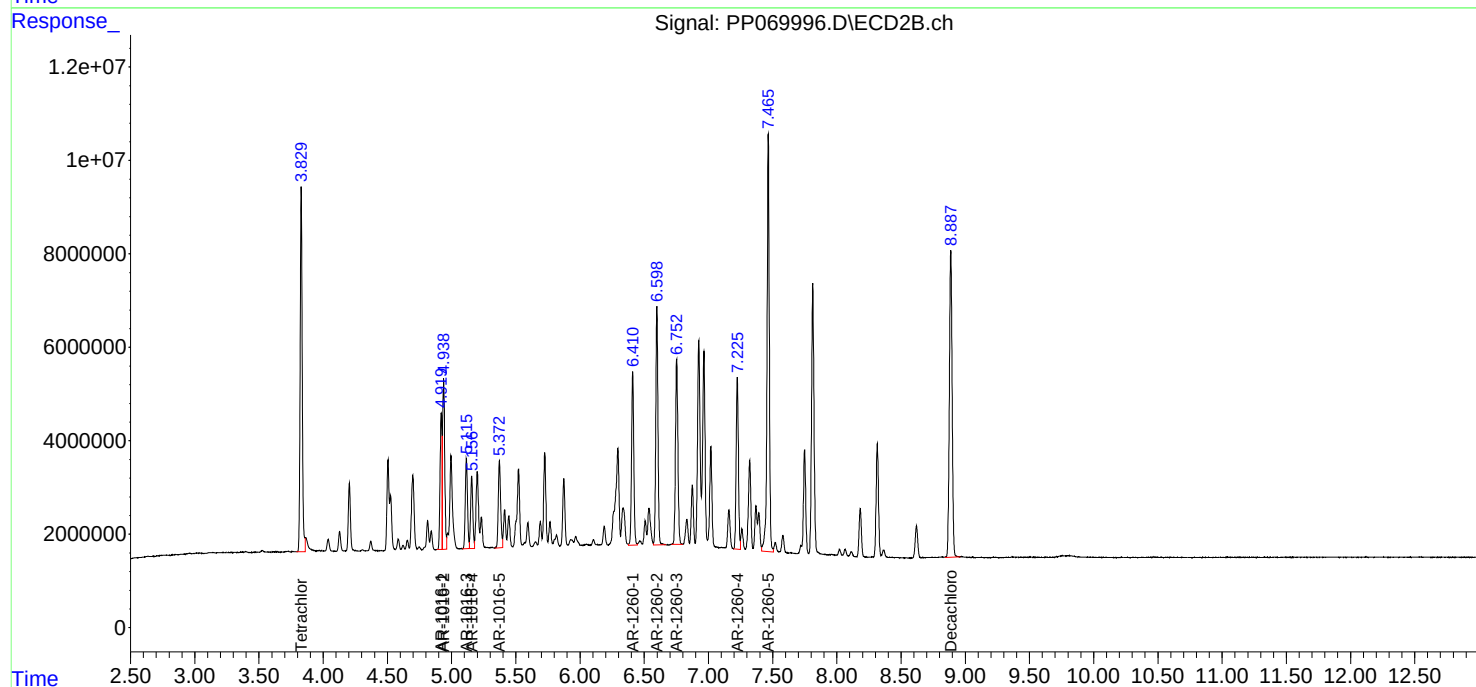
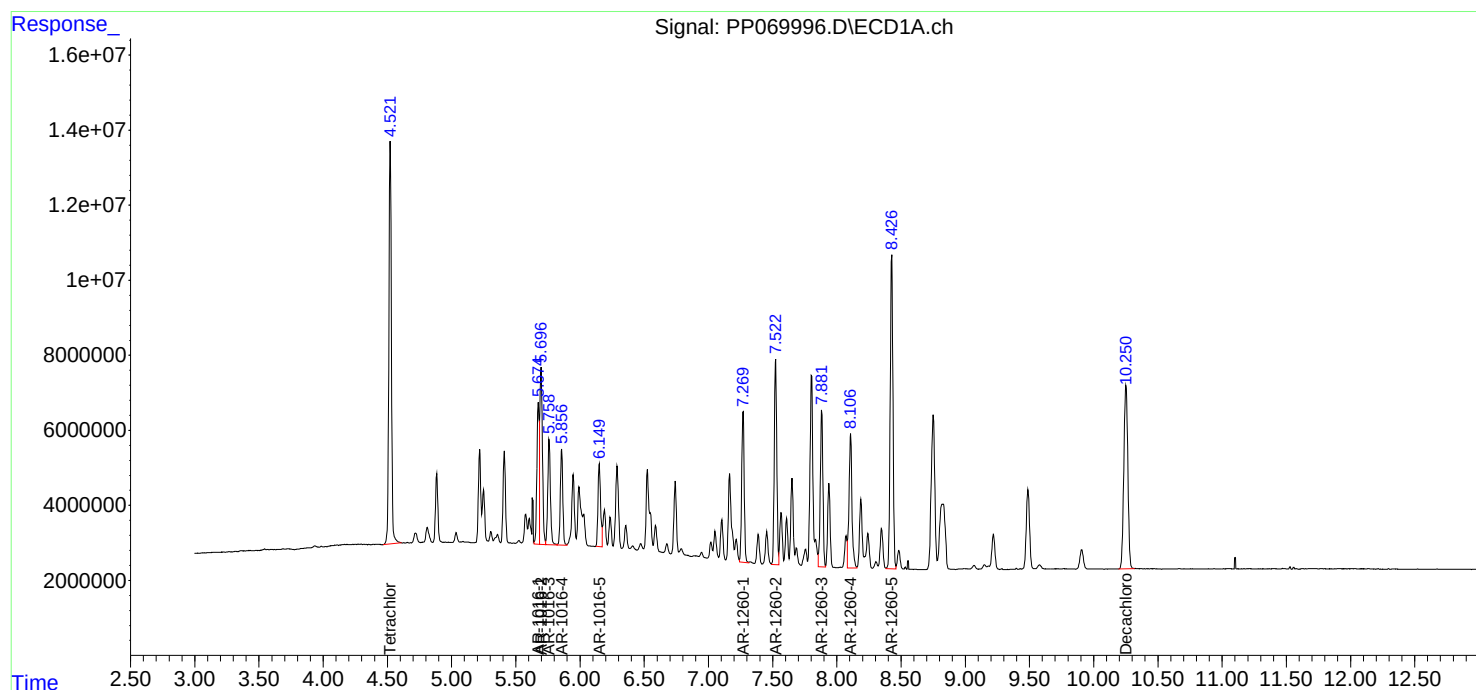
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Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 14:59
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:02:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP069997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 15:15
 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: Feb 25 01:03:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:02:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.527	3.829	107.7E6	68073030	70.228	71.451
2) SA Decachlor...	10.255	8.888	85472191	77198843	73.332	69.035
Target Compounds						
3) L1 AR-1016-1	5.680	4.919	35891634	22643417	718.285	674.174
4) L1 AR-1016-2	5.702	4.938	50835759	31777607	696.465	676.348
5) L1 AR-1016-3	5.764	5.116	33434398	17000233	740.568	658.509
6) L1 AR-1016-4	5.861	5.158	26282542	13493618	699.757	655.496
7) L1 AR-1016-5	6.154	5.373	23760131	17271363	697.432	650.855
31) L7 AR-1260-1	7.274	6.411	41614901	33878420	700.719	683.717
32) L7 AR-1260-2	7.528	6.599	56990979	44944921	706.096	694.443
33) L7 AR-1260-3	7.886	6.752	45420015	38596084	709.556	674.038
34) L7 AR-1260-4	8.111	7.225	44697367	33832130	707.894	695.918
35) L7 AR-1260-5	8.431	7.466	96134121	85108347	713.133	711.652

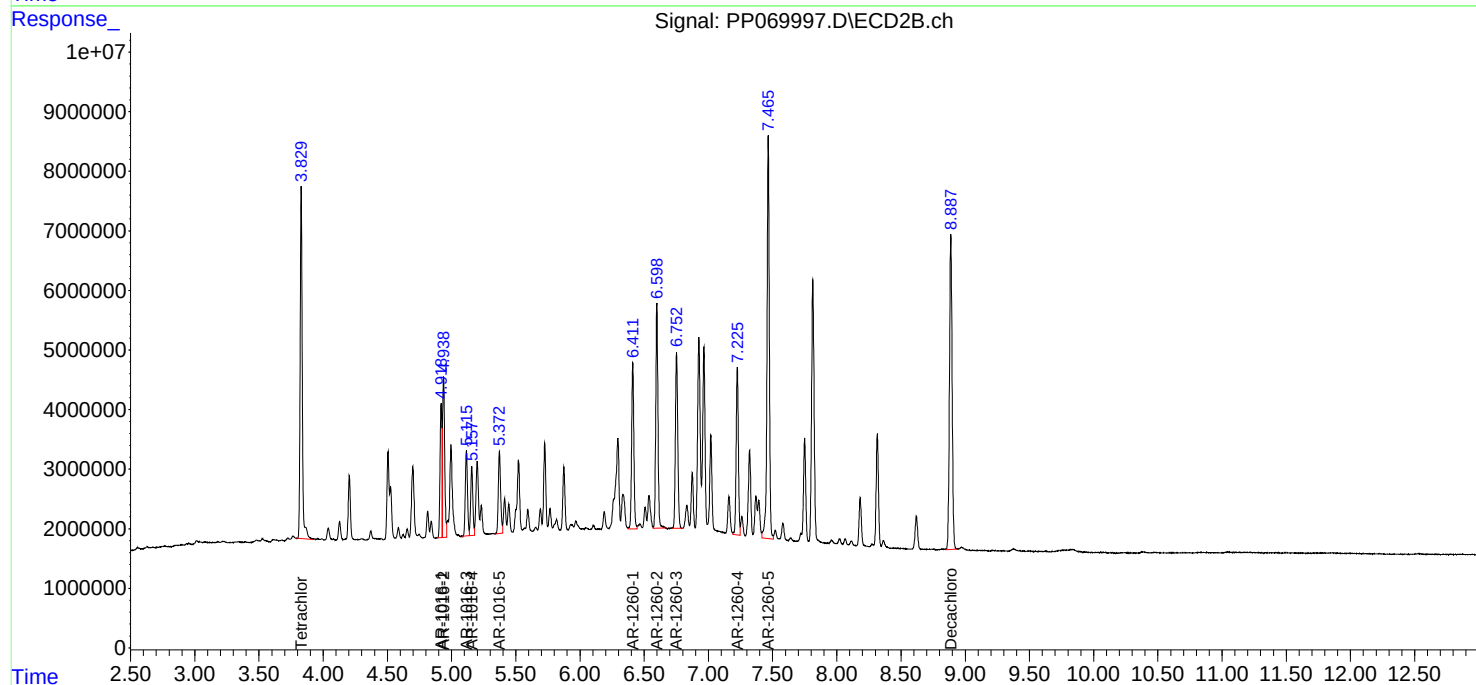
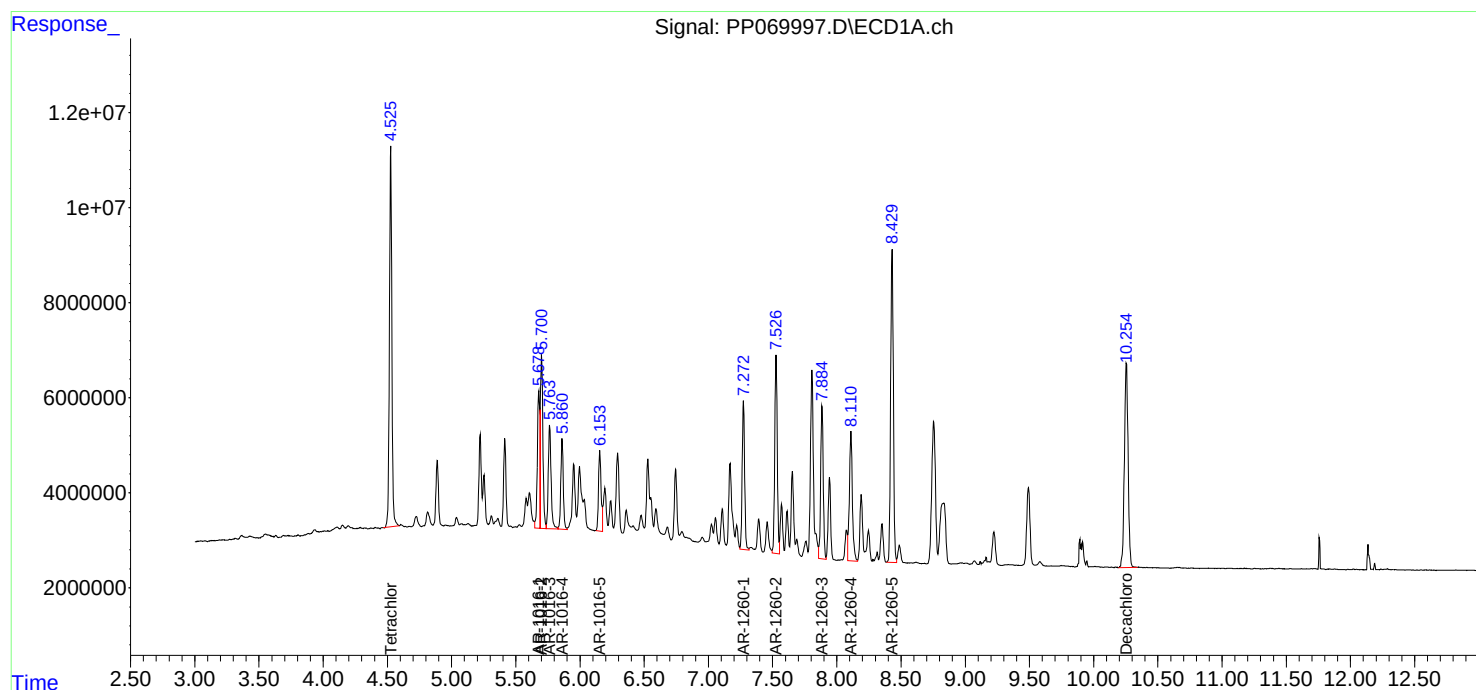
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Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:15
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:03:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP069998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 15:32
 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: Feb 25 01:03:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:02:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.527	3.830	76671222	47635868	50.000	50.000
2) SA Decachlor...	10.256	8.888	58277783	55913111	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.681	4.920	24984258	16793459	500.000	500.000
4) L1 AR-1016-2	5.702	4.939	36495577	23492069	500.000	500.000
5) L1 AR-1016-3	5.765	5.117	22573479	12908121	500.000	500.000
6) L1 AR-1016-4	5.862	5.158	18779766	10292680	500.000	500.000
7) L1 AR-1016-5	6.156	5.373	17034021	13268203	500.000	500.000
31) L7 AR-1260-1	7.275	6.412	29694423	24775170	500.000	500.000
32) L7 AR-1260-2	7.529	6.600	40356400	32360396	500.000	500.000
33) L7 AR-1260-3	7.888	6.754	32005959	28630502	500.000	500.000
34) L7 AR-1260-4	8.112	7.226	31570680	24307558	500.000	500.000
35) L7 AR-1260-5	8.433	7.467	67402630	59796311	500.000	500.000

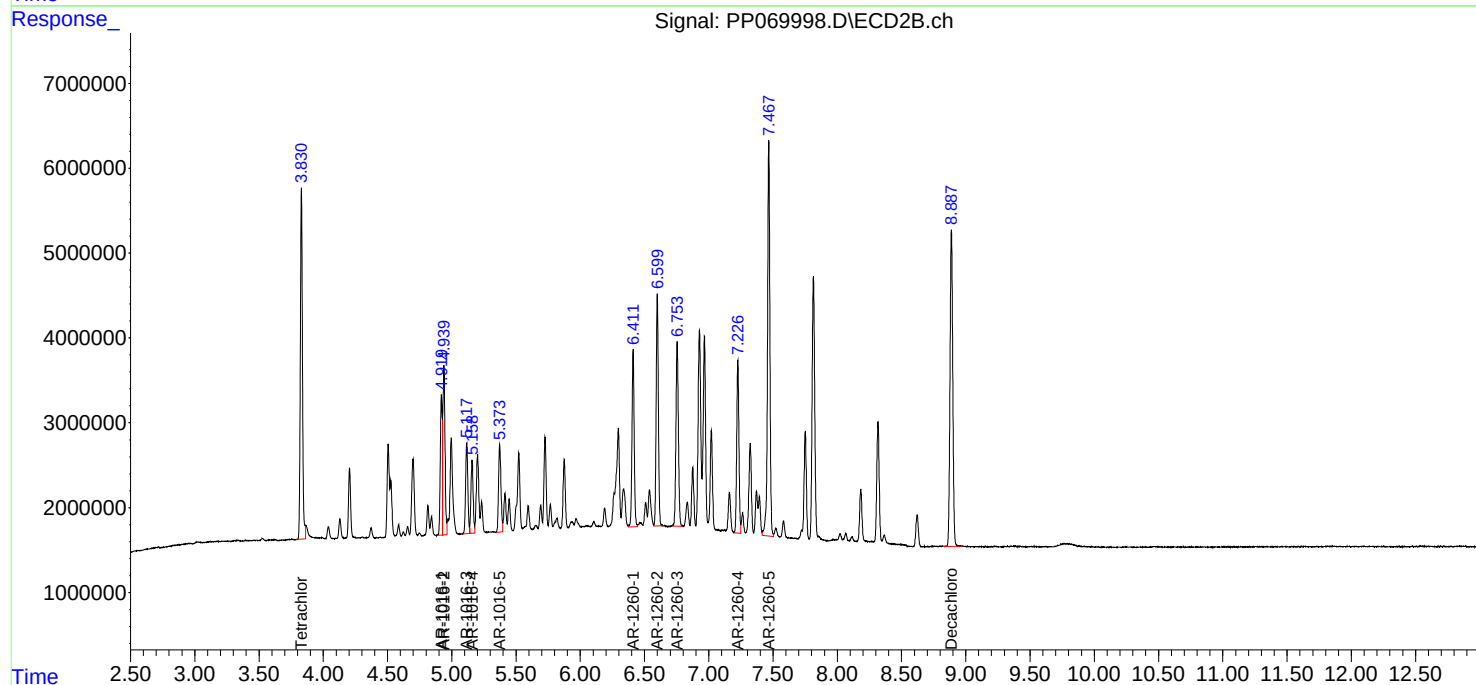
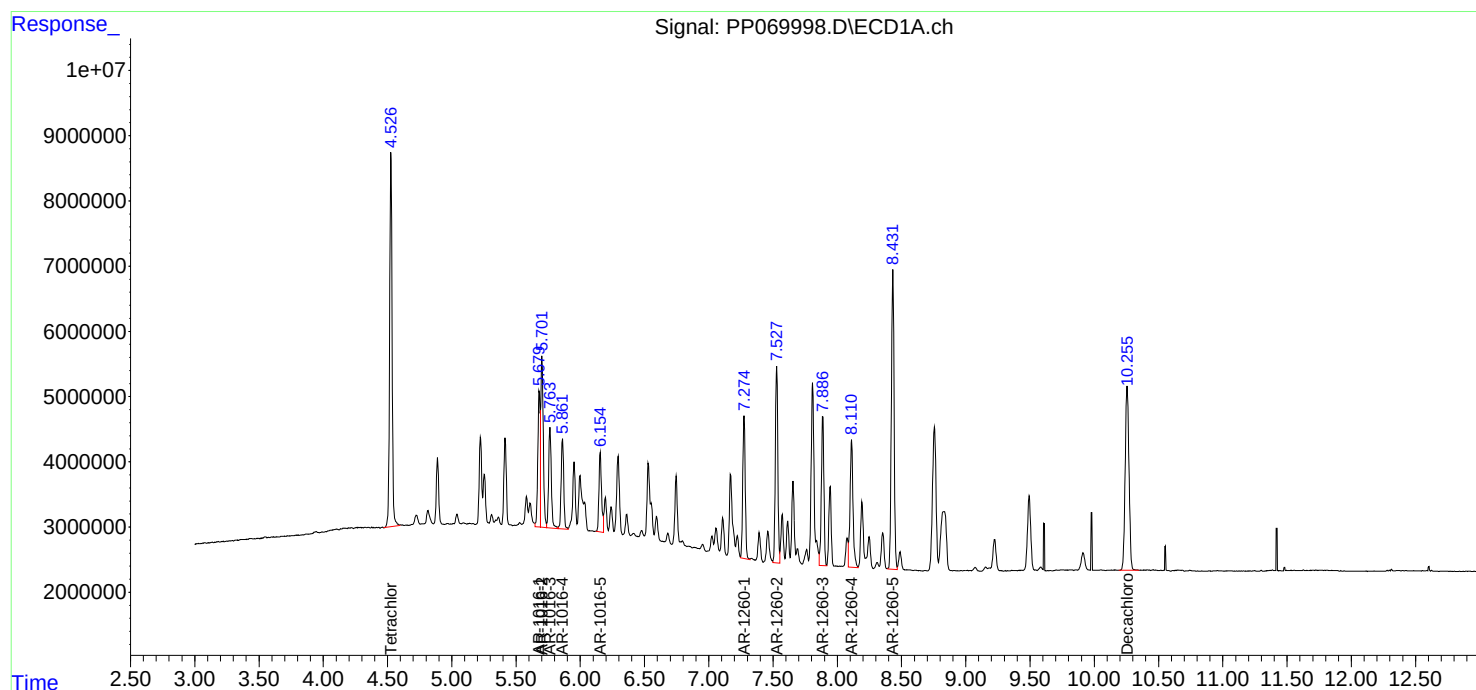
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:32
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: Feb 25 01:03:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP069999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 15:48
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:03:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:02:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.830	39773305	26469015	25.938	27.783
2) SA Decachlor...	10.253	8.889	30693088	28398303	26.333	25.395
Target Compounds						
3) L1 AR-1016-1	5.677	4.921	13700052	9046559	274.174	269.348
4) L1 AR-1016-2	5.699	4.940	19160193	12627669	262.500	268.765
5) L1 AR-1016-3	5.761	5.117	11961048	6939375	264.936	268.799
6) L1 AR-1016-4	5.858	5.159	9917150	5538031	264.038	269.028
7) L1 AR-1016-5	6.152	5.374	8841181	7154213	259.515	269.600
31) L7 AR-1260-1	7.271	6.412	15673826	14194992	263.919	286.476
32) L7 AR-1260-2	7.525	6.600	21490279	17910054	266.256	276.728
33) L7 AR-1260-3	7.883	6.754	16948148	15747036	264.766	275.005
34) L7 AR-1260-4	8.108	7.226	16800378	12881086	266.076	264.961
35) L7 AR-1260-5	8.429	7.467	35148103	31310936	260.732	261.813

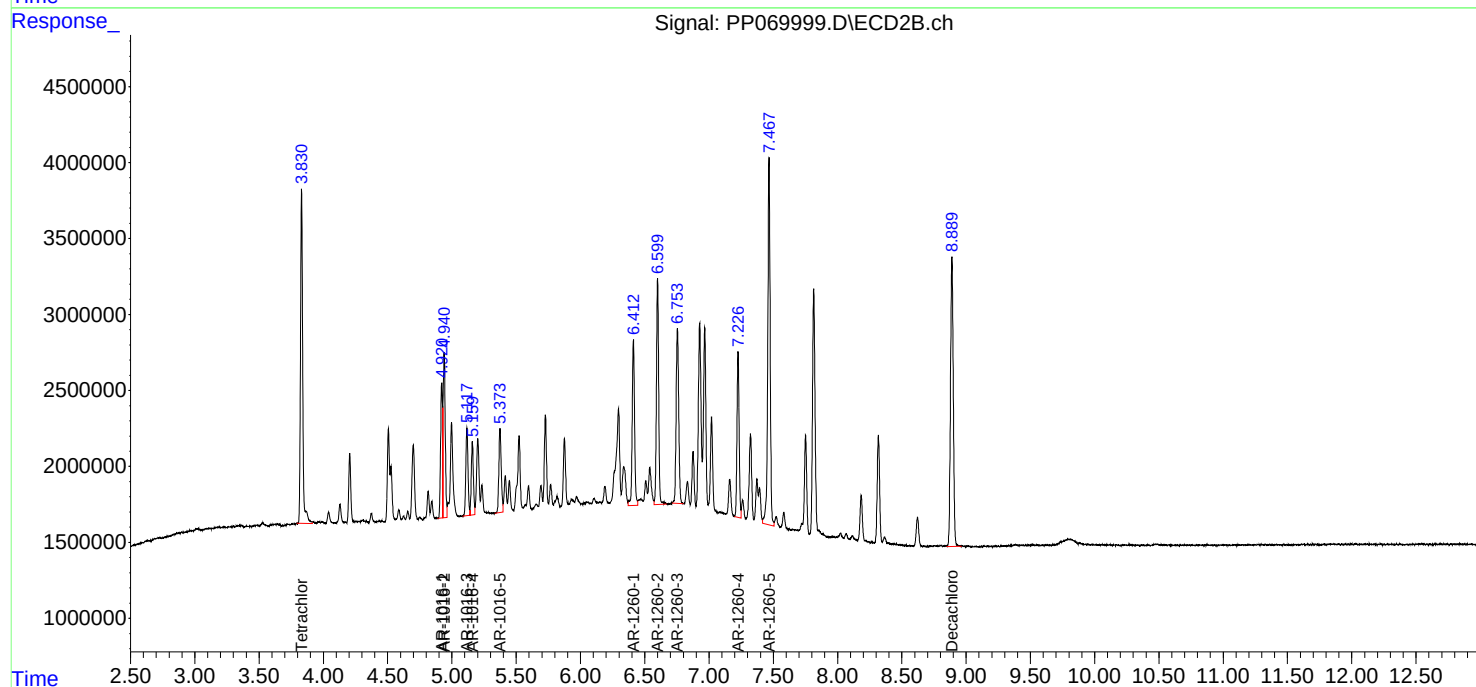
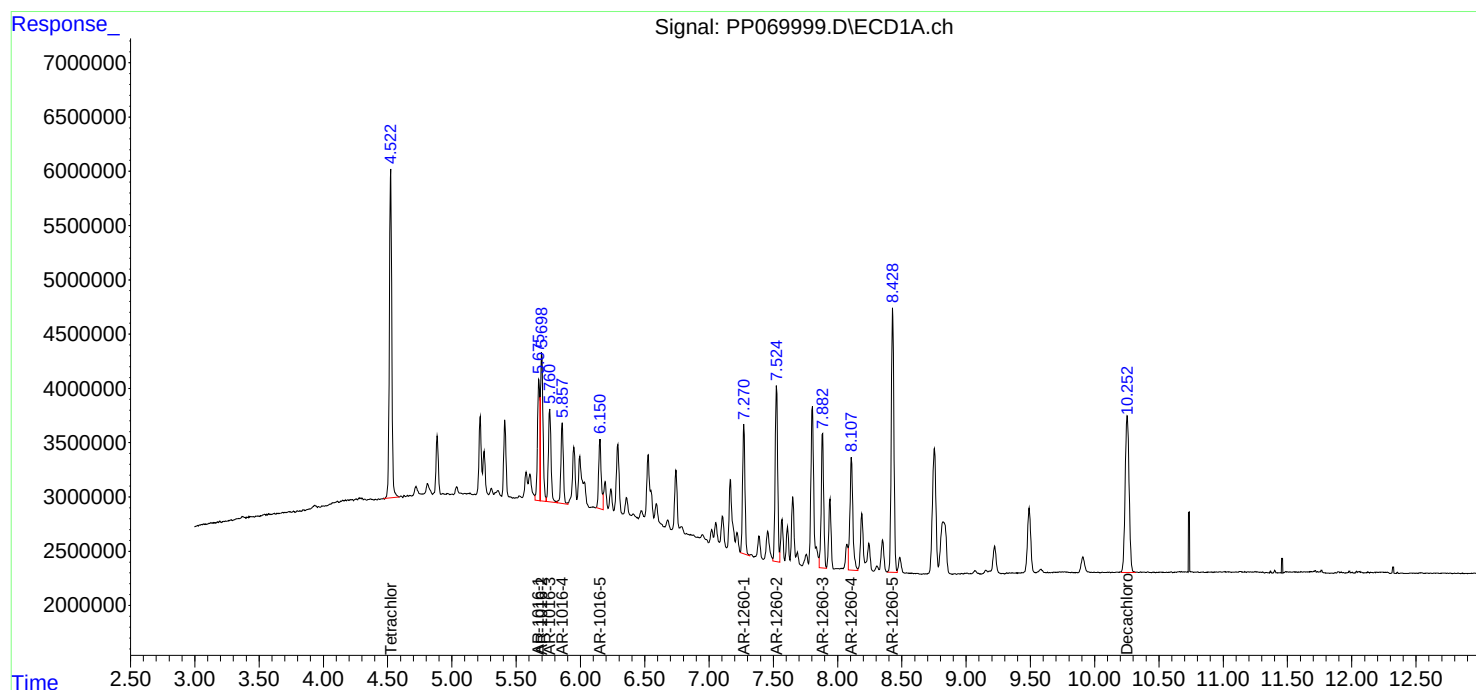
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:48
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:03:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 16:04
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:04:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:02:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.527	3.829	6720872	4906310	4.383	5.150
2) SA Decachlor...	10.255	8.888	5452577	5762188	4.678	5.153
Target Compounds						
3) L1 AR-1016-1	5.679	4.919	2547449	1857134	50.981m	55.293m
4) L1 AR-1016-2	5.701	4.939	3488496	2542948	47.793m	54.124
5) L1 AR-1016-3	5.763	5.116	2062359	1279811	45.681m	49.574m
6) L1 AR-1016-4	5.862	5.157	1752861	1060159	46.669m	51.501
7) L1 AR-1016-5	6.154	5.373	1753245	1386402	51.463m	52.245
31) L7 AR-1260-1	7.275	6.411	2970263	2560840	50.014	51.682m
32) L7 AR-1260-2	7.529	6.598	4629053	3556212	57.352	54.947m
33) L7 AR-1260-3	7.887	6.752	3097573	3882421	48.391	67.802m#
34) L7 AR-1260-4	8.112	7.225	3418051	2736330	54.133	56.286
35) L7 AR-1260-5	8.432	7.466	6379085	6303797	47.321	52.711

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:04
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

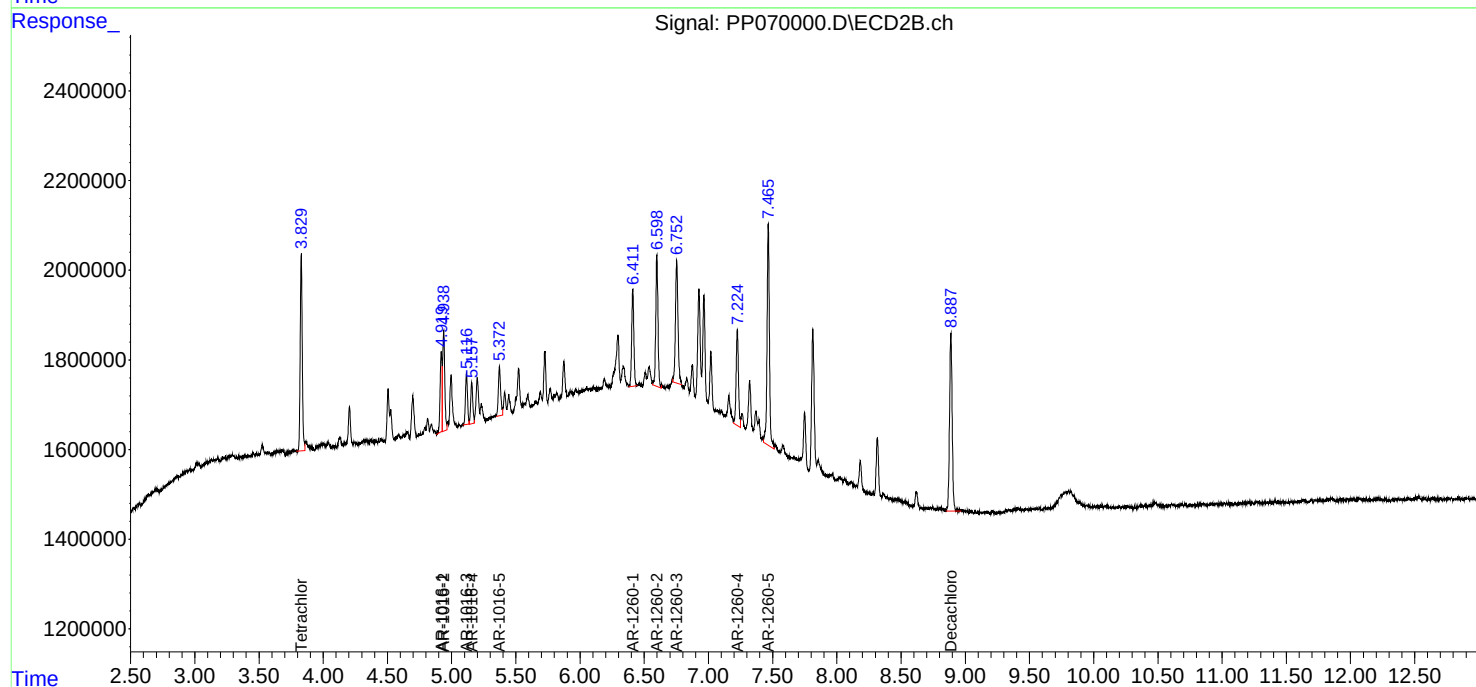
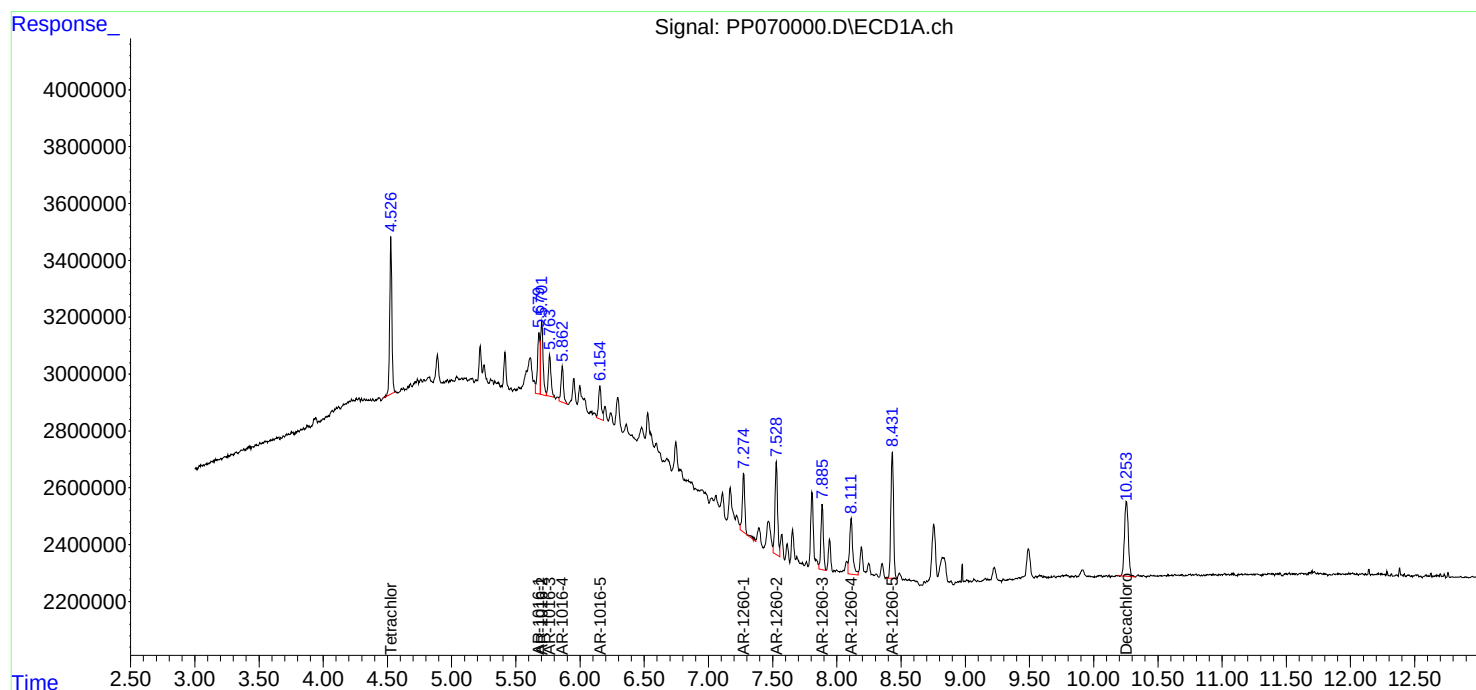
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:04:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 16:20
 Operator : YP\AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1221ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:16:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:15:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.830	81453238	49492221	50.000	50.000
2) SA Decachlor...	10.252	8.888	58909122	52524520	49.997m	50.000
Target Compounds						
8) L2 AR-1221-1	4.725	4.042	9457952	6710580	500.000	500.000
9) L2 AR-1221-2	4.811	4.128	7295806	5083087	500.000	500.000
10) L2 AR-1221-3	4.887	4.205	21579125	15179779	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\PP022425\
Data File : PP070001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:20
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

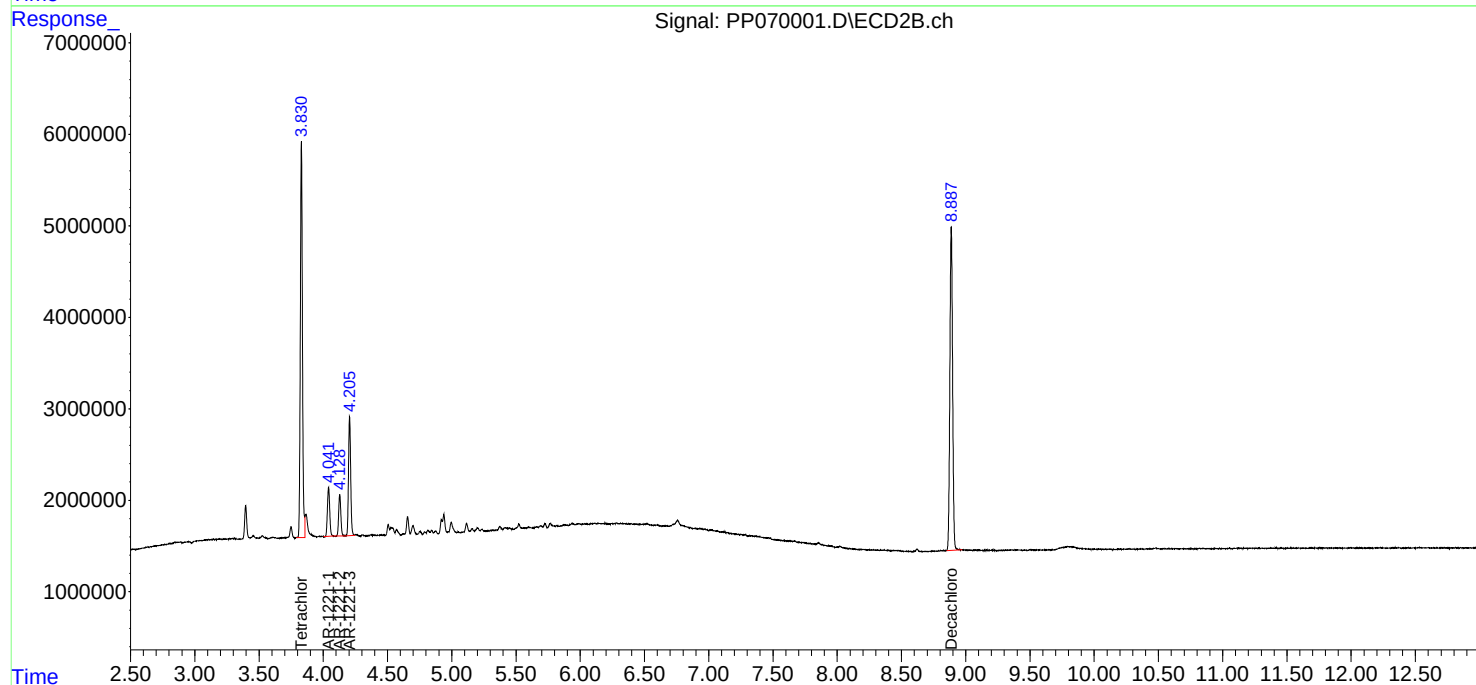
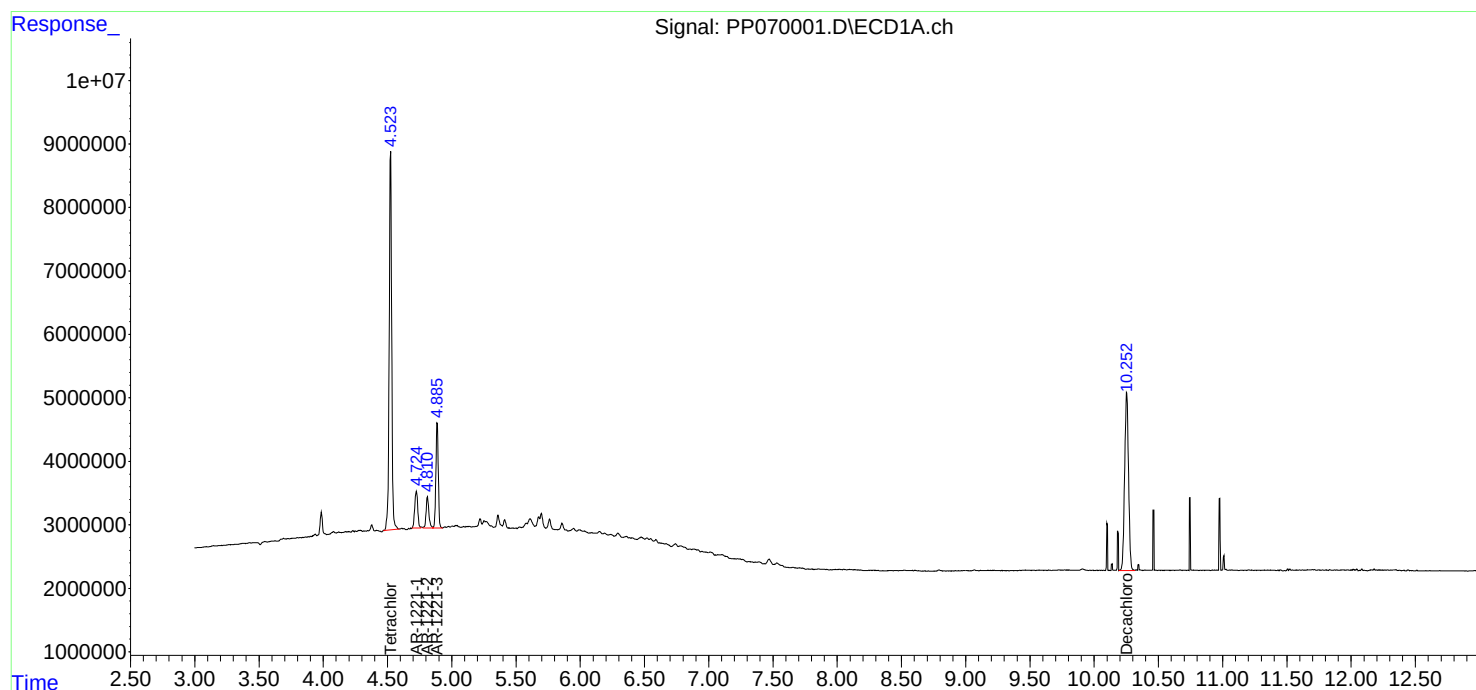
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:16:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:15:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 16:37
 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: Feb 25 01:18:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:18:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.528	3.831	74595967	45088285	50.000	50.000
2) SA Decachlor...	10.257	8.889	55583669	48961388	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.890	4.205	16441958	11371033	500.000	500.000
12) L3 AR-1232-2	5.416	4.940	8130106	11416637	500.000	500.000
13) L3 AR-1232-3	5.703	5.117	17433579	6011988	500.000	500.000
14) L3 AR-1232-4	5.863	5.202	8899724	5432664	500.000	500.000
15) L3 AR-1232-5	5.953	5.374	6303594	5652705	500.000	500.000

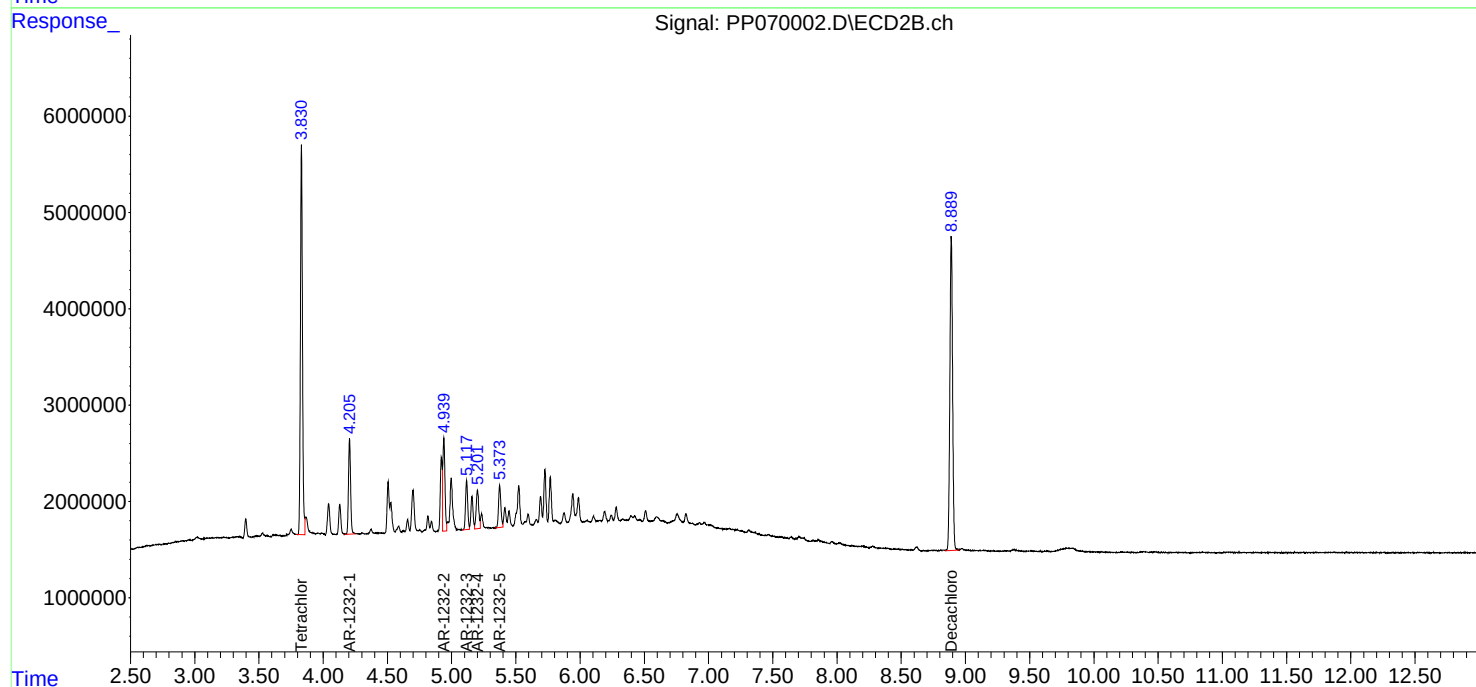
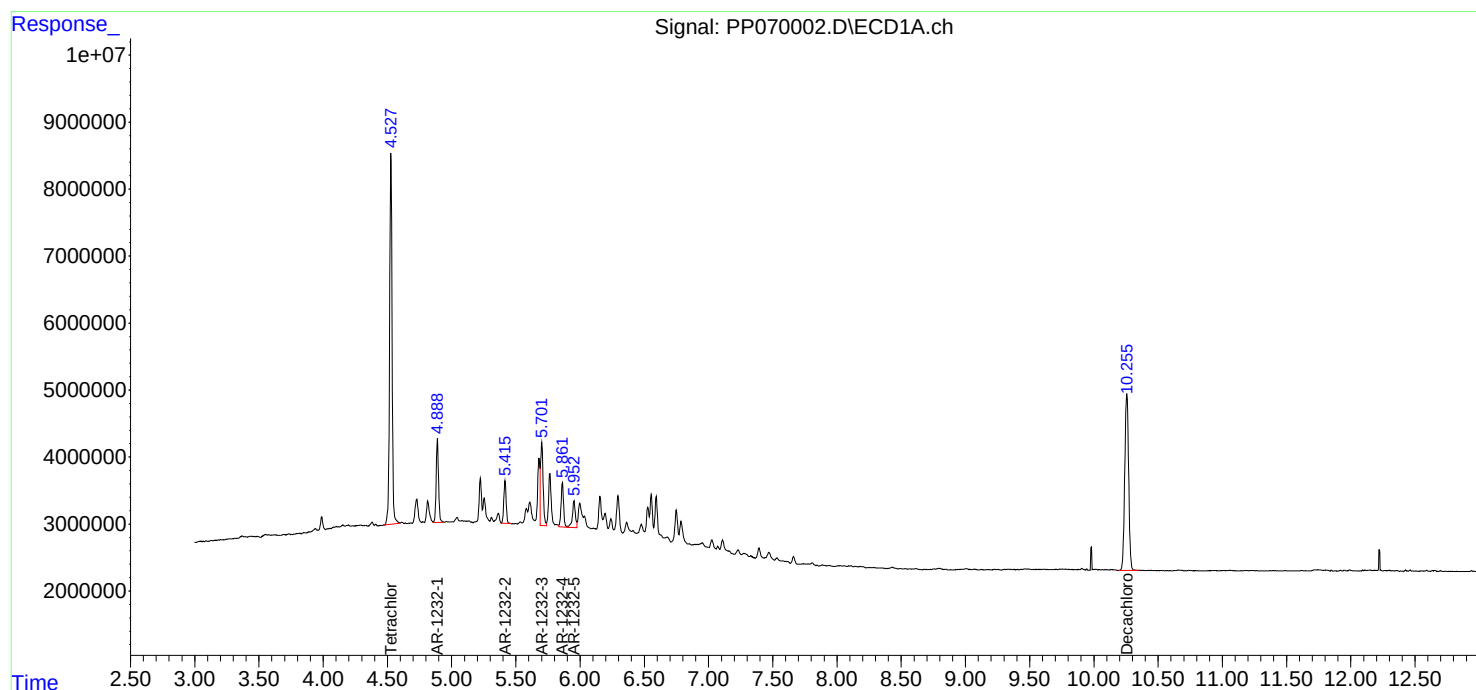
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:37
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: Feb 25 01:18:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:18:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 16:53
 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: Feb 25 01:23:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:23:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.830	139.2E6	92080980	94.864	96.007
2) SA Decachlor...	10.257	8.889	102.1E6	89928404	92.852	88.382
Target Compounds						
16) L4 AR-1242-1	5.679	4.920	38359202	25489035	922.836	915.278
17) L4 AR-1242-2	5.701	4.939	56757612	35977820	940.806	933.521
18) L4 AR-1242-3	5.764	5.116	34692482	19863858	900.441	946.026
19) L4 AR-1242-4	5.861	5.201	28738709	18777771	897.577	940.376
20) L4 AR-1242-5	6.592	5.726	32588629	24360224	919.810	923.923

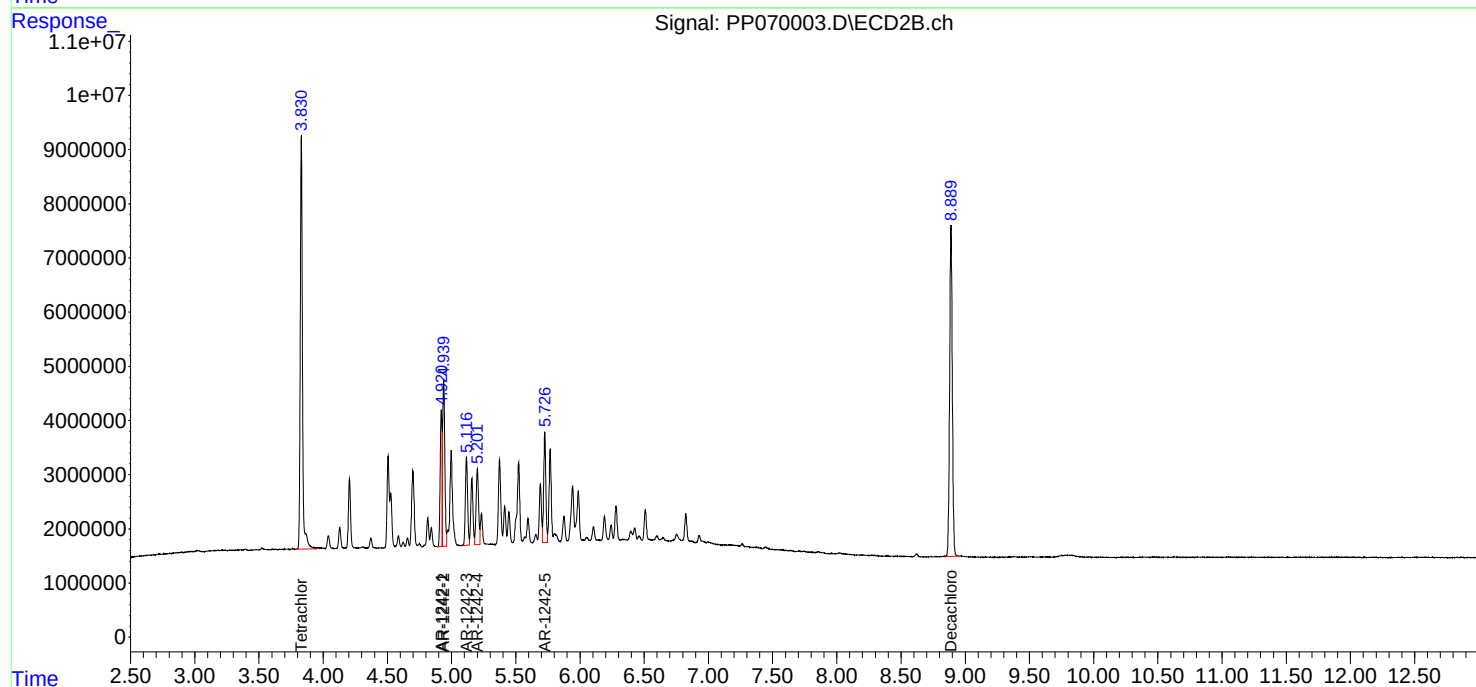
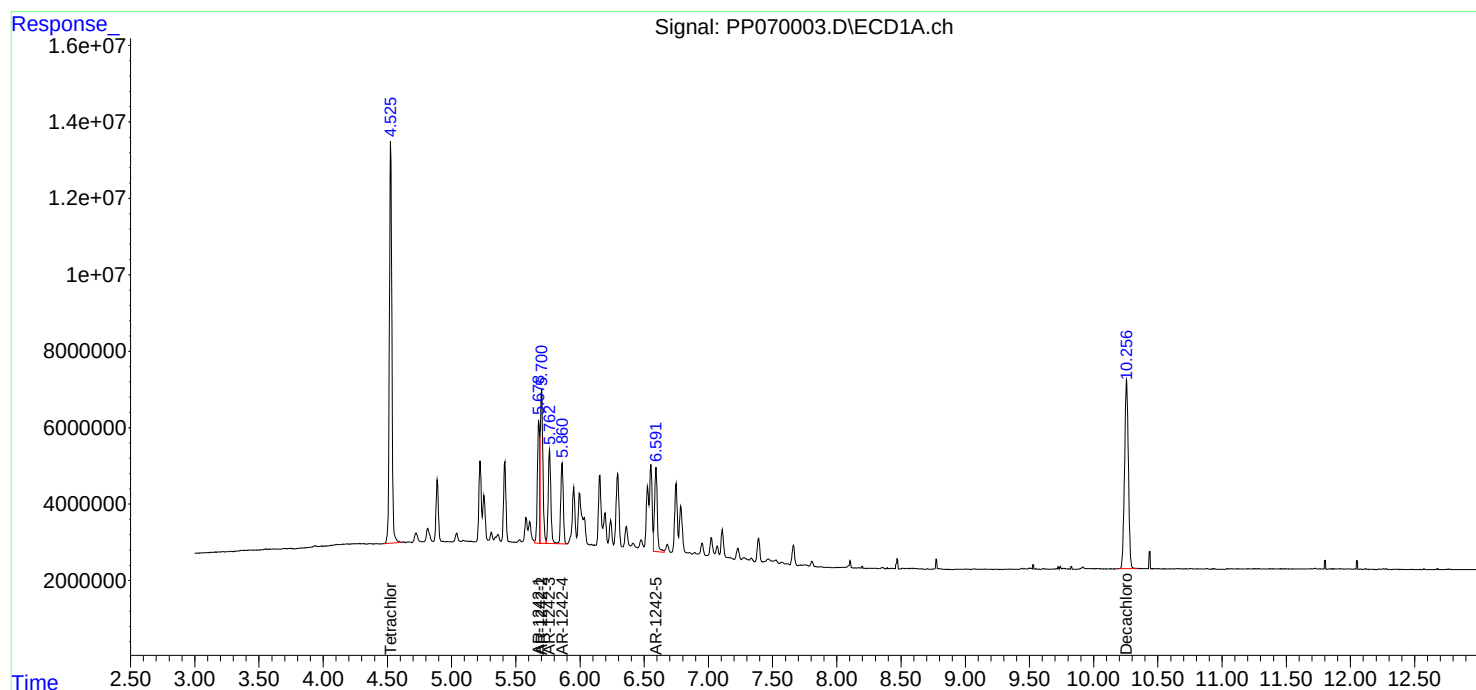
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:53
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: Feb 25 01:23:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 17:09
 Operator : YP\AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:24:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:23:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.829	101.3E6	64117819	69.002	66.852
2) SA Decachlor...	10.252	8.887	78714017	73846453	71.581	72.576
Target Compounds						
16) L4 AR-1242-1	5.676	4.919	30574617	18356263	735.556	659.149
17) L4 AR-1242-2	5.698	4.938	41750215	26399827	692.045	684.999
18) L4 AR-1242-3	5.761	5.115	27589494	13704946	716.084	652.705
19) L4 AR-1242-4	5.858	5.200	21218872	13441992	662.715	673.164
20) L4 AR-1242-5	6.587	5.725	24589114	16805975	694.025m	637.409

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:09
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

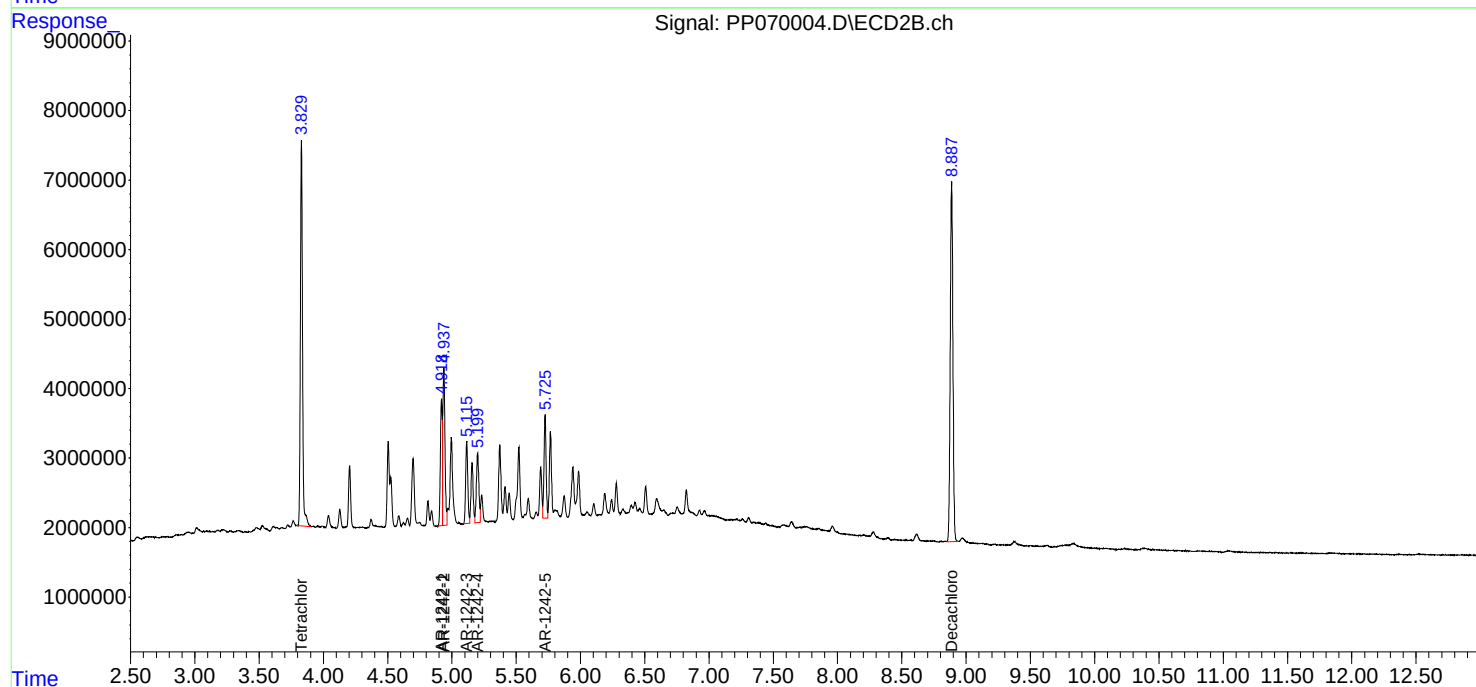
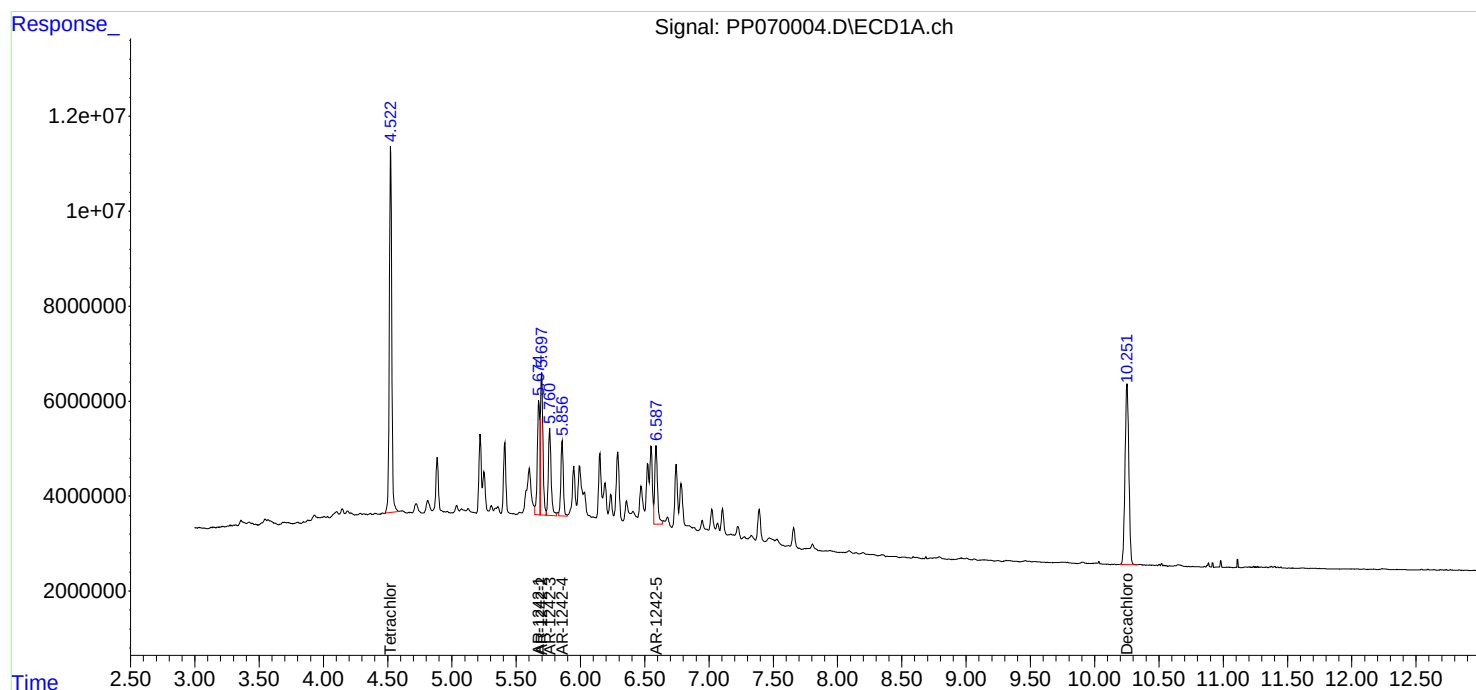
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:24:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 17:25
 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: Feb 25 01:24:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:23:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.528	3.831	73371073	47955339	50.000	50.000
2) SA Decachlor...	10.257	8.889	54982444	50875100	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.681	4.921	20783334	13924208	500.000	500.000
17) L4 AR-1242-2	5.702	4.940	30164357	19269964	500.000	500.000
18) L4 AR-1242-3	5.765	5.117	19264155	10498576	500.000	500.000
19) L4 AR-1242-4	5.862	5.202	16009056	9984182	500.000	500.000
20) L4 AR-1242-5	6.593	5.727	17714873	13183045	500.000	500.000

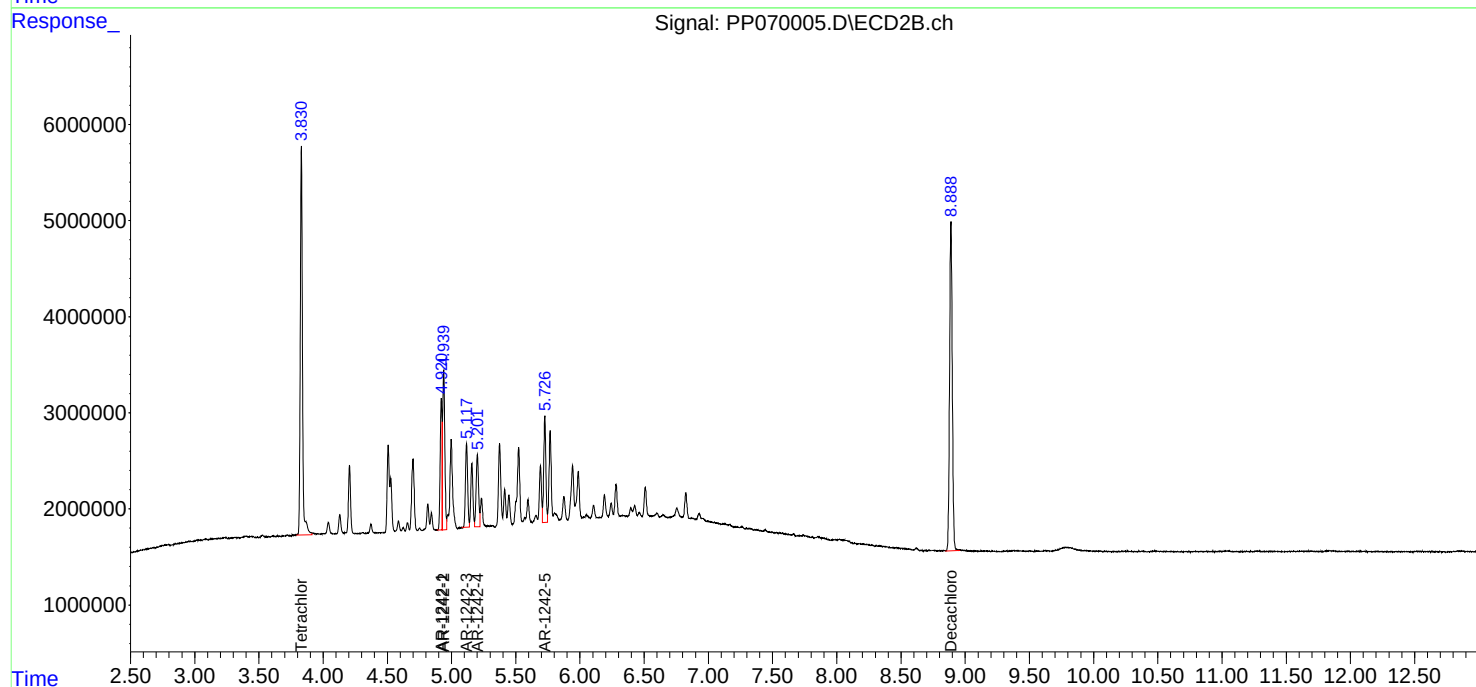
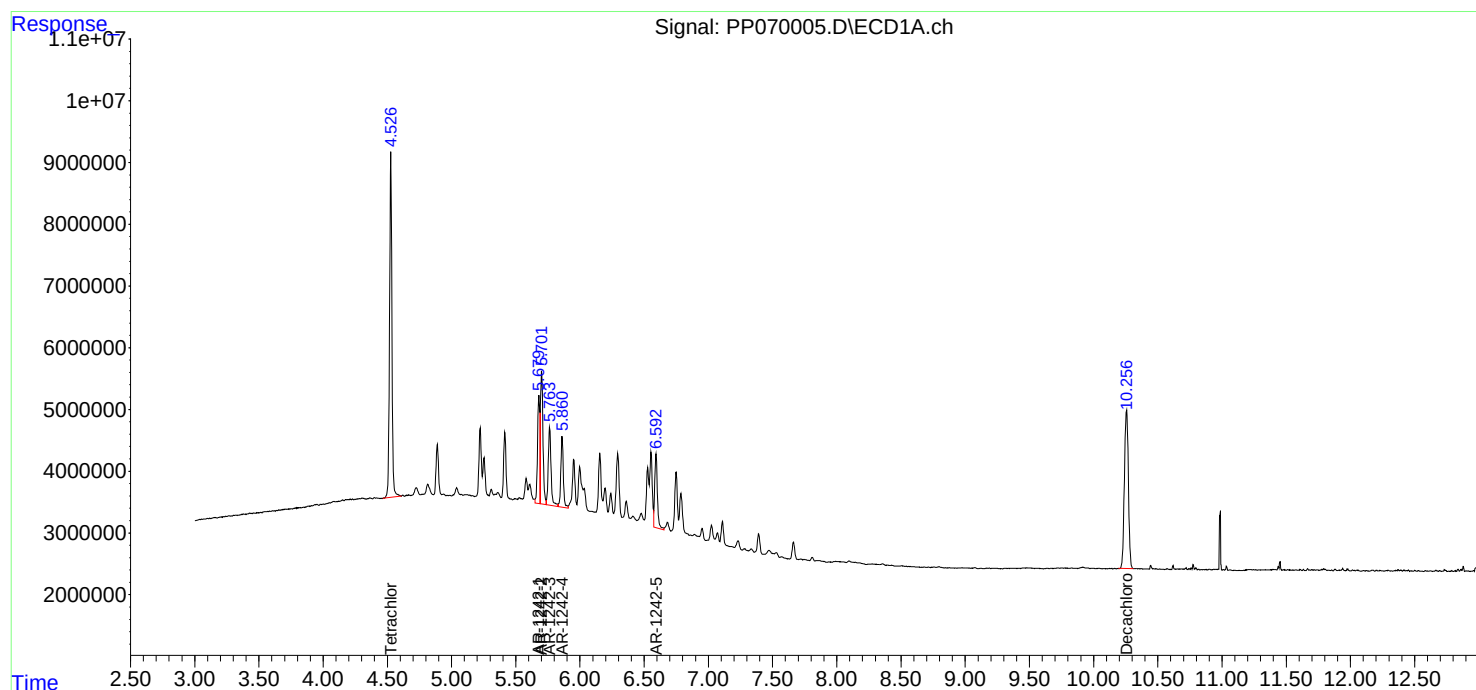
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:25
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: Feb 25 01:24:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 17:42
 Operator : YP\AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:24:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:23:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.829	36420158	23238423	24.819	24.229
2) SA Decachlor...	10.254	8.888	28130617	25684434	25.581	25.243
Target Compounds						
16) L4 AR-1242-1	5.678	4.919	11990791	6779361	288.471	243.438
17) L4 AR-1242-2	5.700	4.938	15666233	9769011	259.681	253.478
18) L4 AR-1242-3	5.762	5.116	11634928	5020722	301.984	239.114
19) L4 AR-1242-4	5.859	5.200	8093244	5275134	252.771	264.175
20) L4 AR-1242-5	6.589	5.726	9813802	6842000	276.993m	259.500

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:42
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

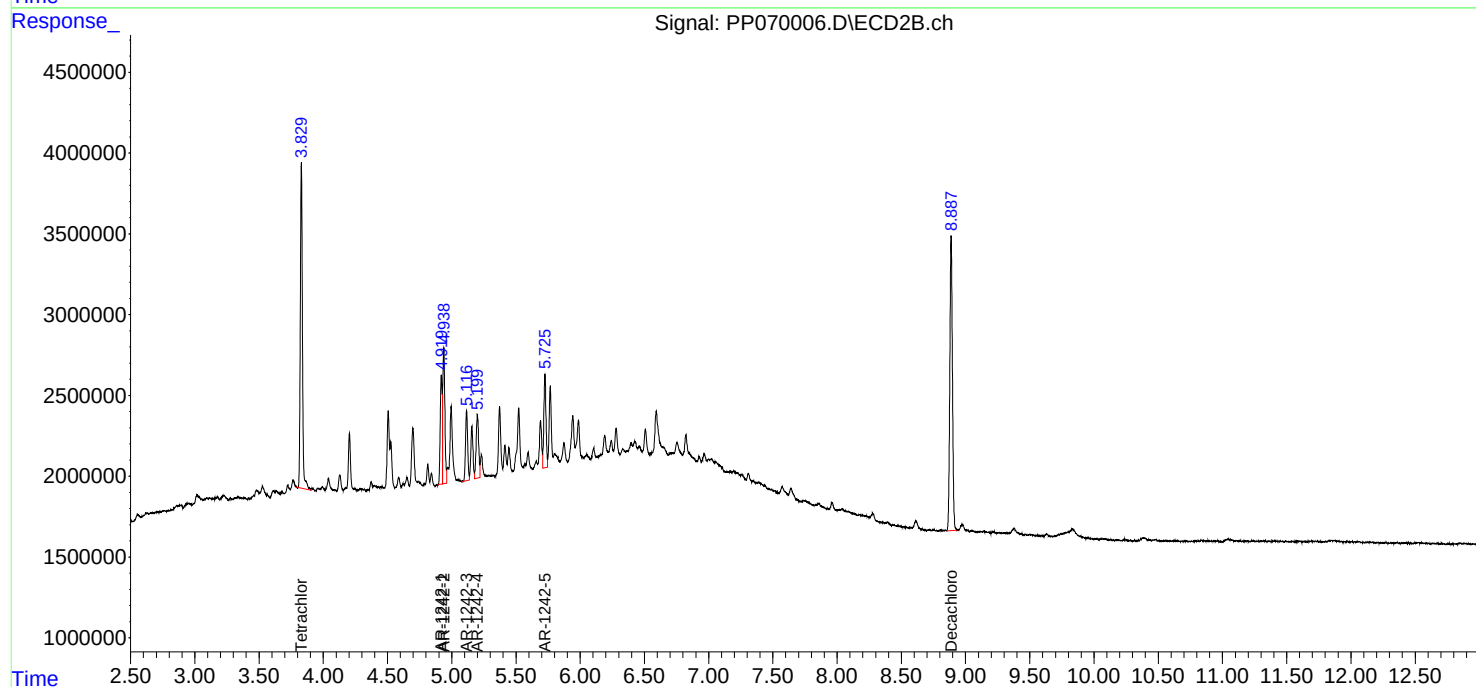
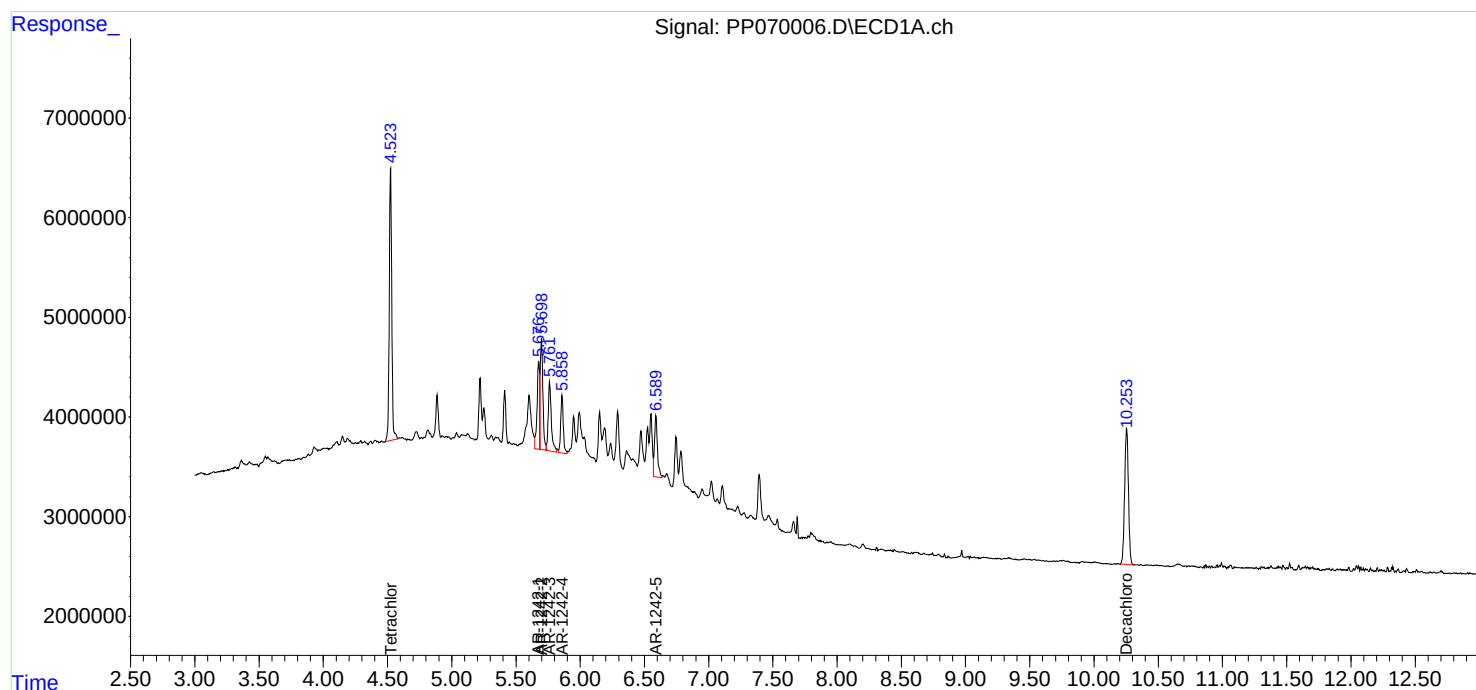
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:24:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 17:58
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:25:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:23:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.527	3.830	6212998	4474832	4.234	4.666
2) SA Decachlor...	10.256	8.887	4895884	4811680	4.452	4.729
Target Compounds						
16) L4 AR-1242-1	5.677	4.920	2181038	1420391	52.471m	51.004
17) L4 AR-1242-2	5.699	4.939	2614722	1860627	43.341m	48.278
18) L4 AR-1242-3	5.763	5.117	1654007	960575	42.930m	45.748
19) L4 AR-1242-4	5.859	5.201	1382614	1025258	43.182m	51.344
20) L4 AR-1242-5	6.591	5.726	1805860	1192778	50.970m	45.239

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:58
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

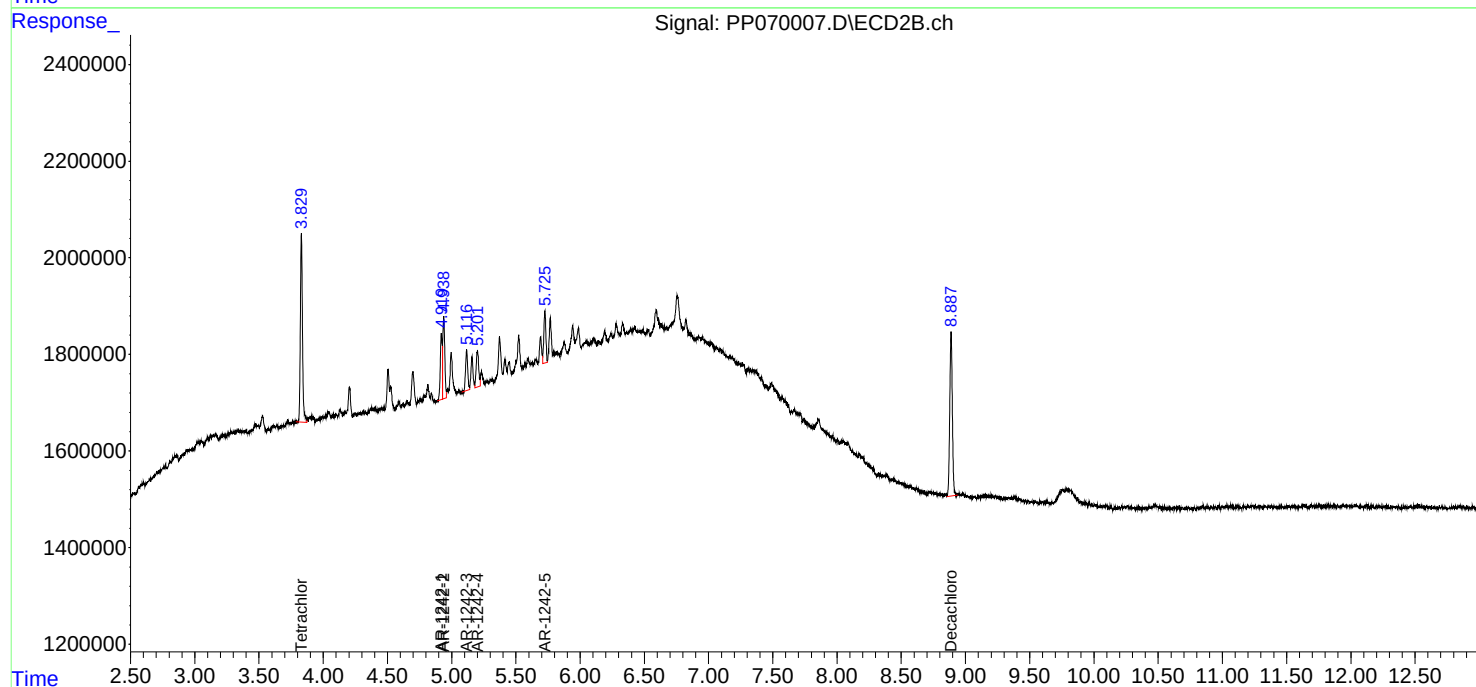
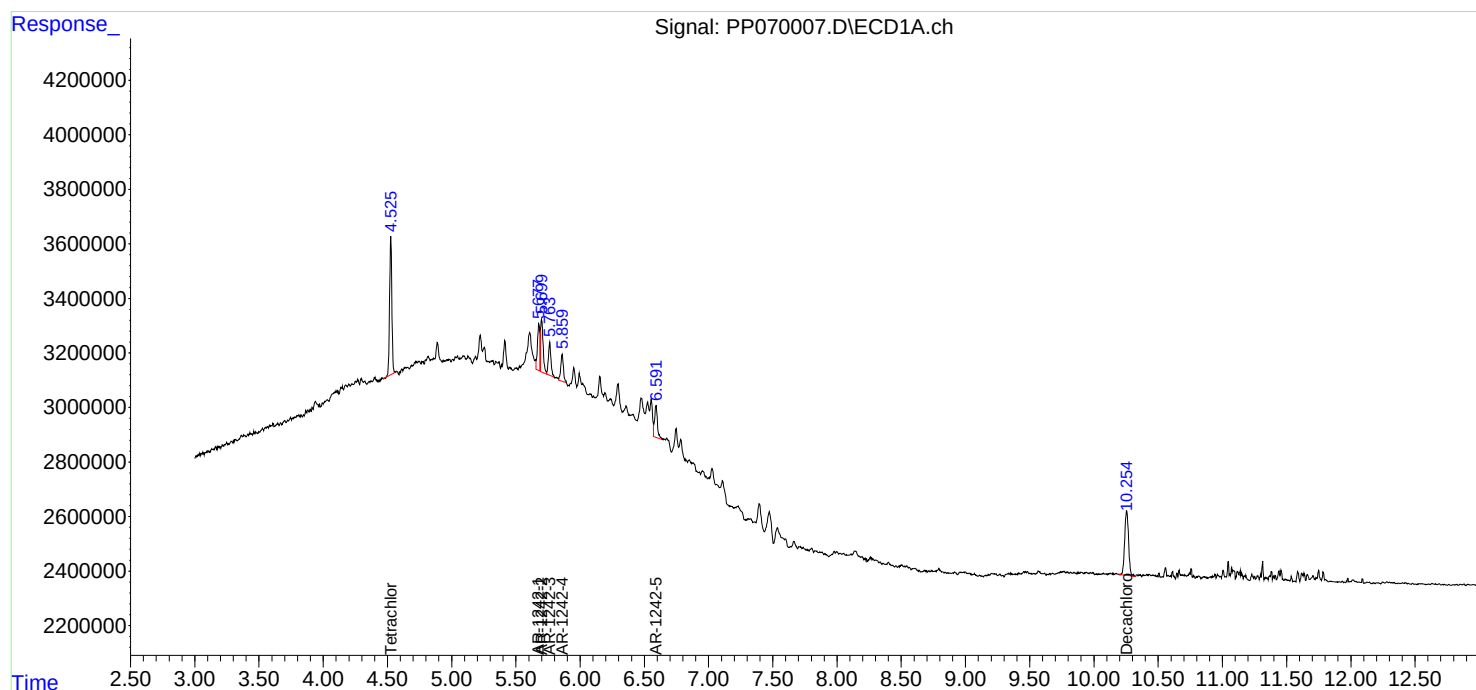
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:25:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 18:14
 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: Feb 25 01:36:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:36:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.527	3.830	139.3E6	90311132	94.016	94.329
2) SA Decachlor...	10.255	8.888	104.5E6	99982653	93.281	99.597
Target Compounds						
21) L5 AR-1248-1	5.680	4.920	29585124	19339318	908.660	872.779
22) L5 AR-1248-2	5.952	5.159	39473771	25841628	920.901	891.615
23) L5 AR-1248-3	6.154	5.201	43926772	26866525	935.645	892.927
24) L5 AR-1248-4	6.553	5.374	53918087	31739244	919.468	899.490
25) L5 AR-1248-5	6.592	5.768	51833391	32923317	911.039	912.249

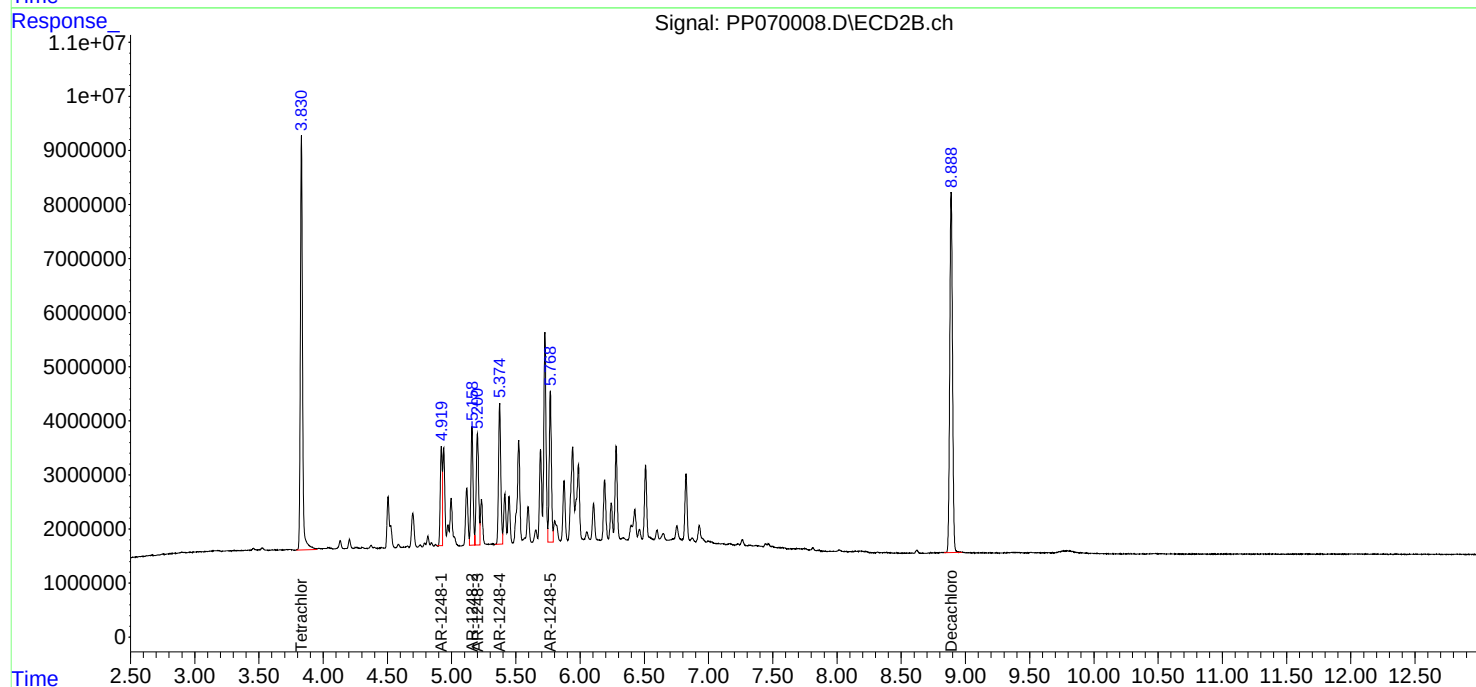
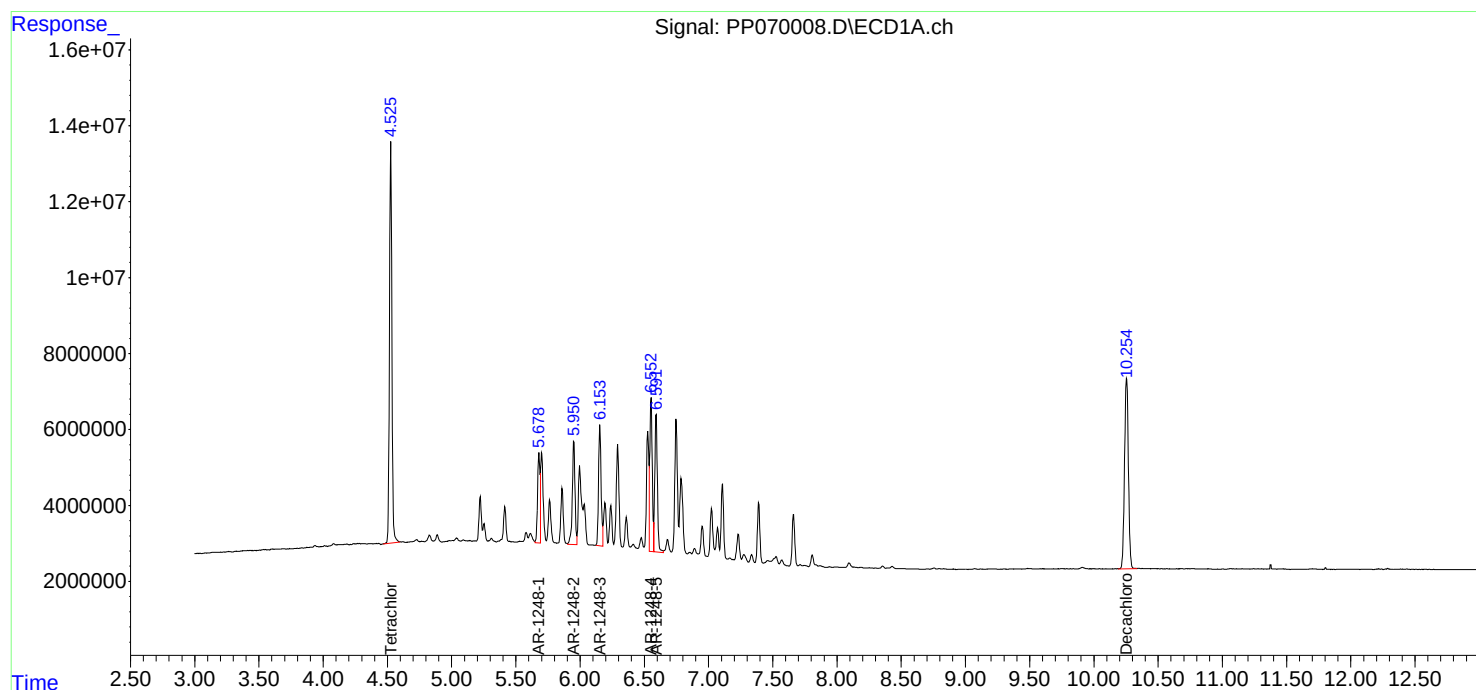
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:14
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: Feb 25 01:36:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 18:30
 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: Feb 25 01:37:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:36:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.528	3.830	107.0E6	69847040	72.182	72.955
2) SA Decachlor...	10.257	8.888	80087667	75196210	71.508	74.906
Target Compounds						
21) L5 AR-1248-1	5.680	4.920	23574976	15234629	724.068	687.536
22) L5 AR-1248-2	5.953	5.158	31510312	20155741	735.118	695.435
23) L5 AR-1248-3	6.156	5.201	33128178	21018750	705.634	698.572
24) L5 AR-1248-4	6.555	5.373	41741933	24799421	711.828	702.815
25) L5 AR-1248-5	6.594	5.768	39689513	25642609	697.595	710.513

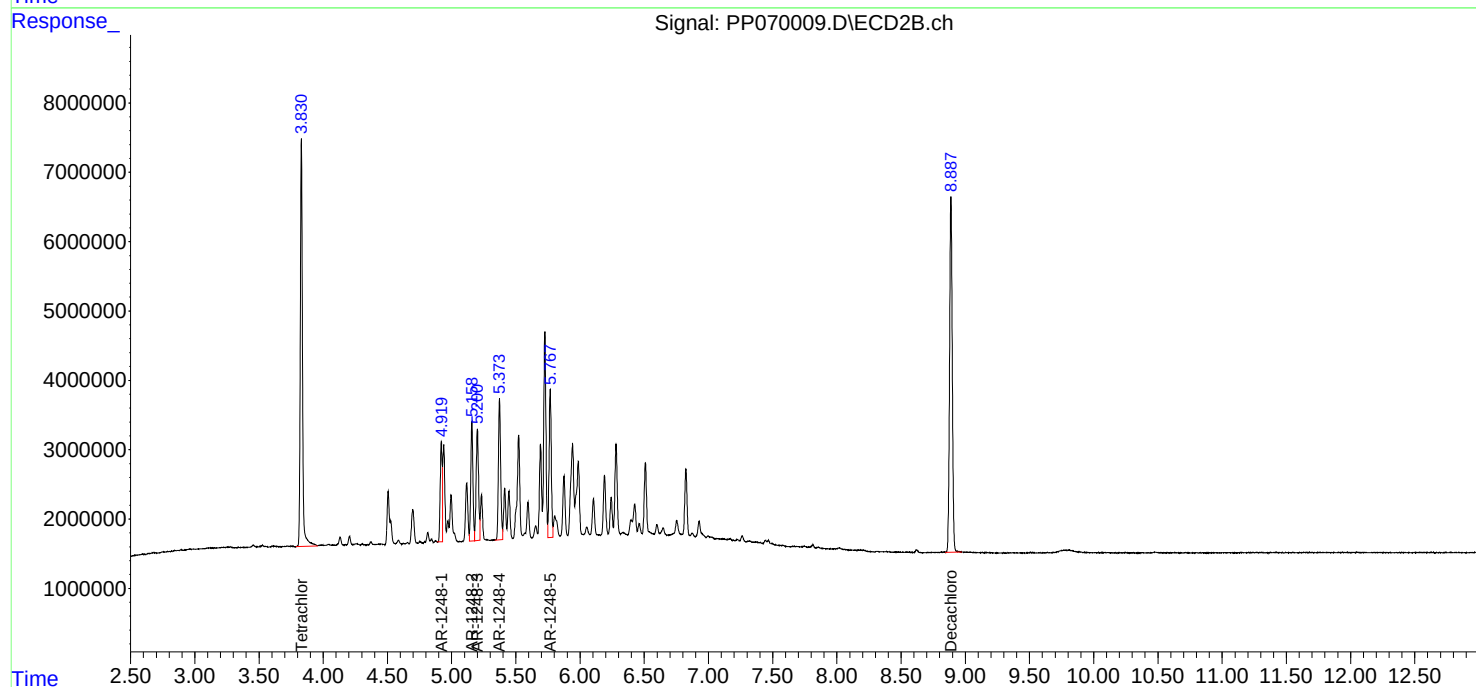
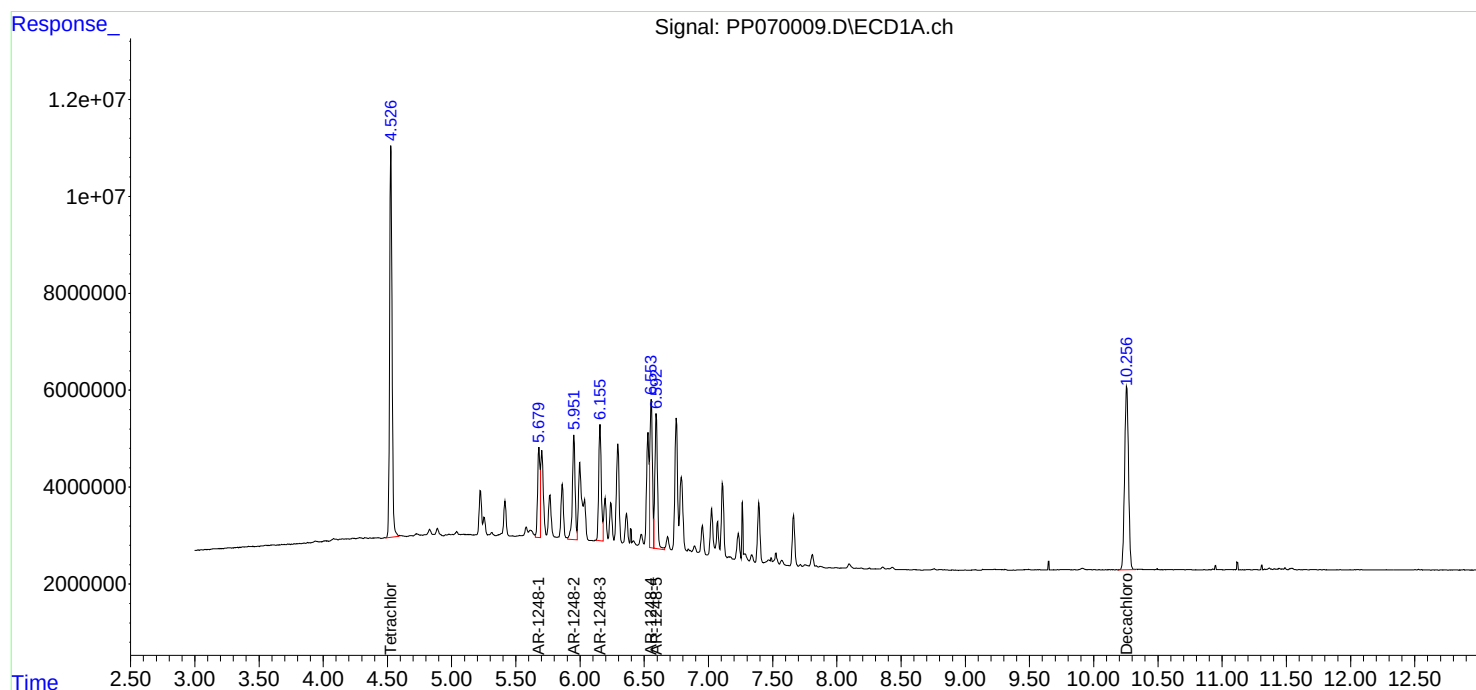
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:30
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: Feb 25 01:37:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 18:46
 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: Feb 25 01:37:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:36:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.830	74097252	47870255	50.000	50.000
2) SA Decachlor...	10.255	8.889	55999113	50193760	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.678	4.920	16279538	11079155	500.000	500.000
22) L5 AR-1248-2	5.950	5.158	21432138	14491473	500.000	500.000
23) L5 AR-1248-3	6.153	5.201	23474053	15044082	500.000	500.000
24) L5 AR-1248-4	6.552	5.373	29320253	17642911	500.000	500.000
25) L5 AR-1248-5	6.591	5.768	28447402	18045144	500.000	500.000

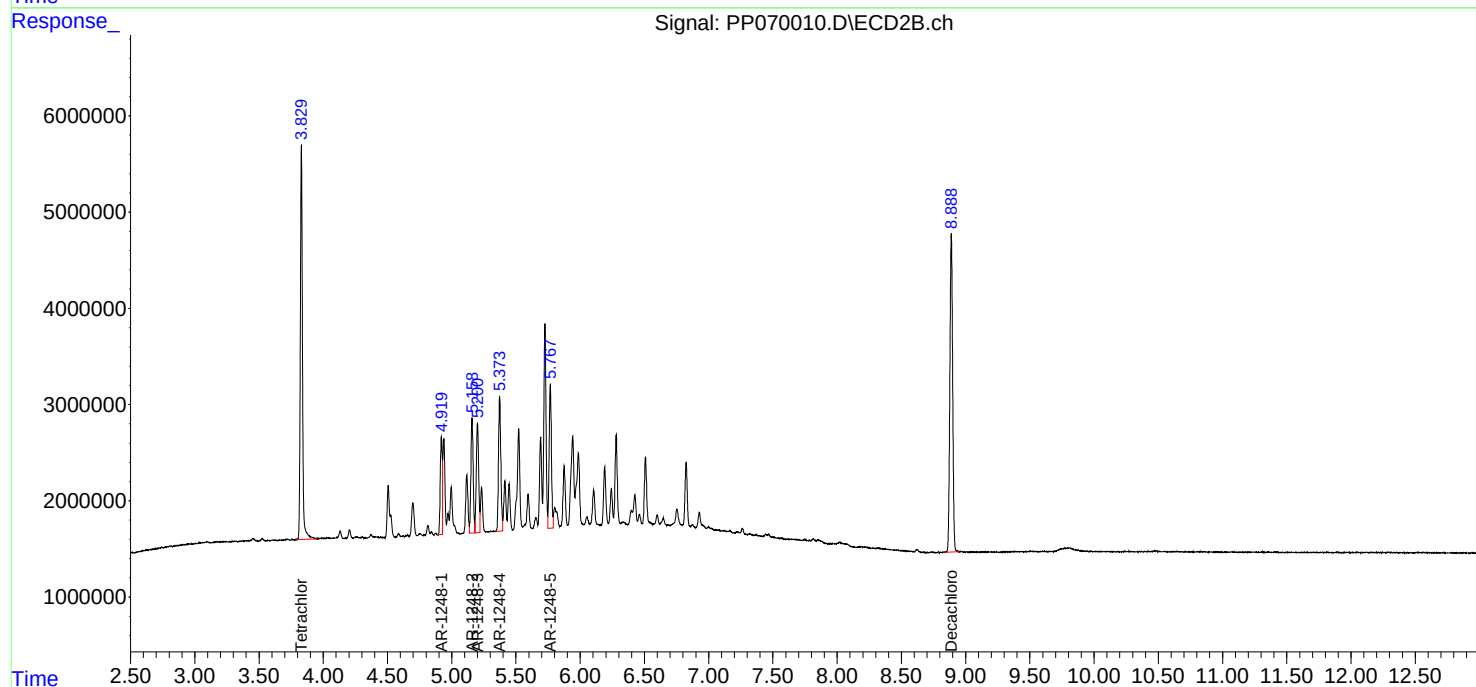
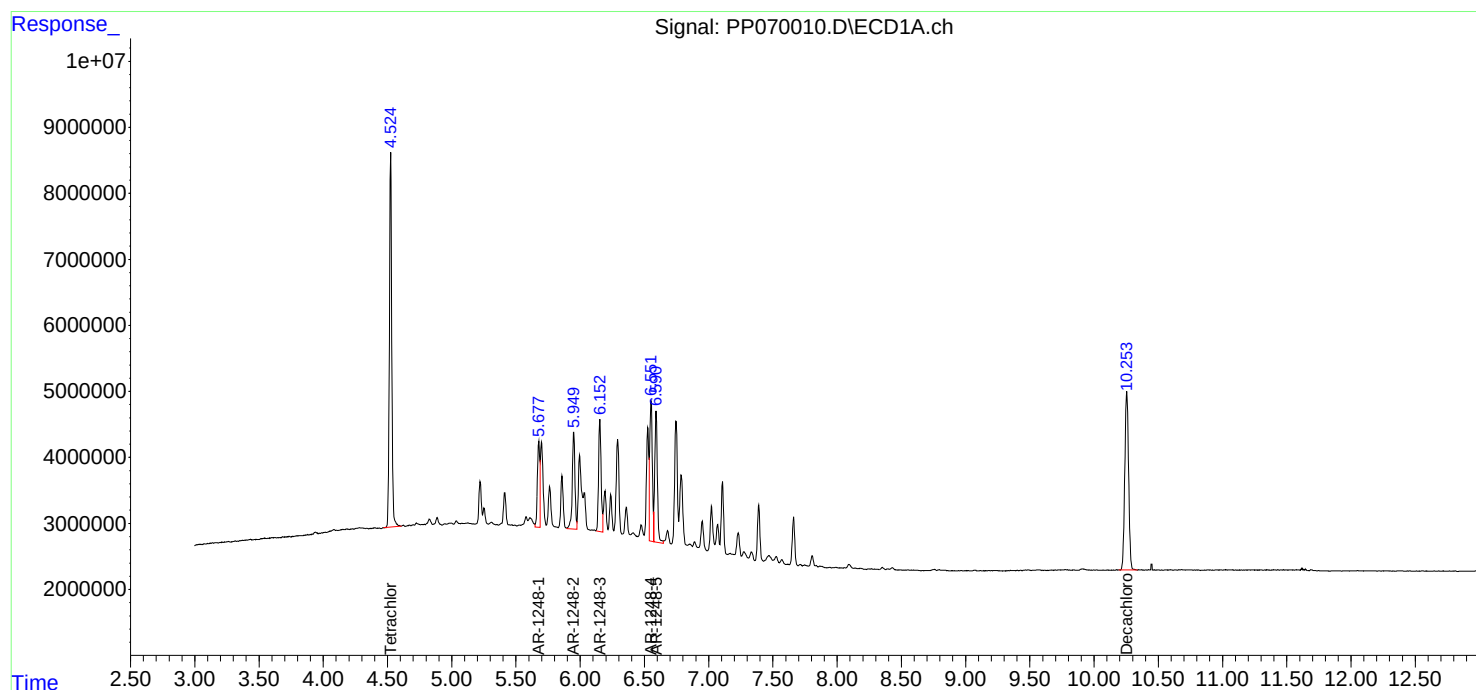
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:46
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: Feb 25 01:37:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 19:03
 Operator : YP\AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 03:54:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 03:54:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.527	3.830	38195955	24656458	27.360	25.558
2) SA Decachlor...	10.256	8.888	29657279	26374027	27.566	24.318
Target Compounds						
21) L5 AR-1248-1	5.679	4.919	9076374	5649023	274.099	259.128
22) L5 AR-1248-2	5.952	5.158	11739728	7746160	285.240	269.144
23) L5 AR-1248-3	6.154	5.200	12501018	8202675	284.893	268.606
24) L5 AR-1248-4	6.553	5.373	16576083	9202118	278.734	248.325
25) L5 AR-1248-5	6.592	5.767	16890807	9572836	297.336	253.802

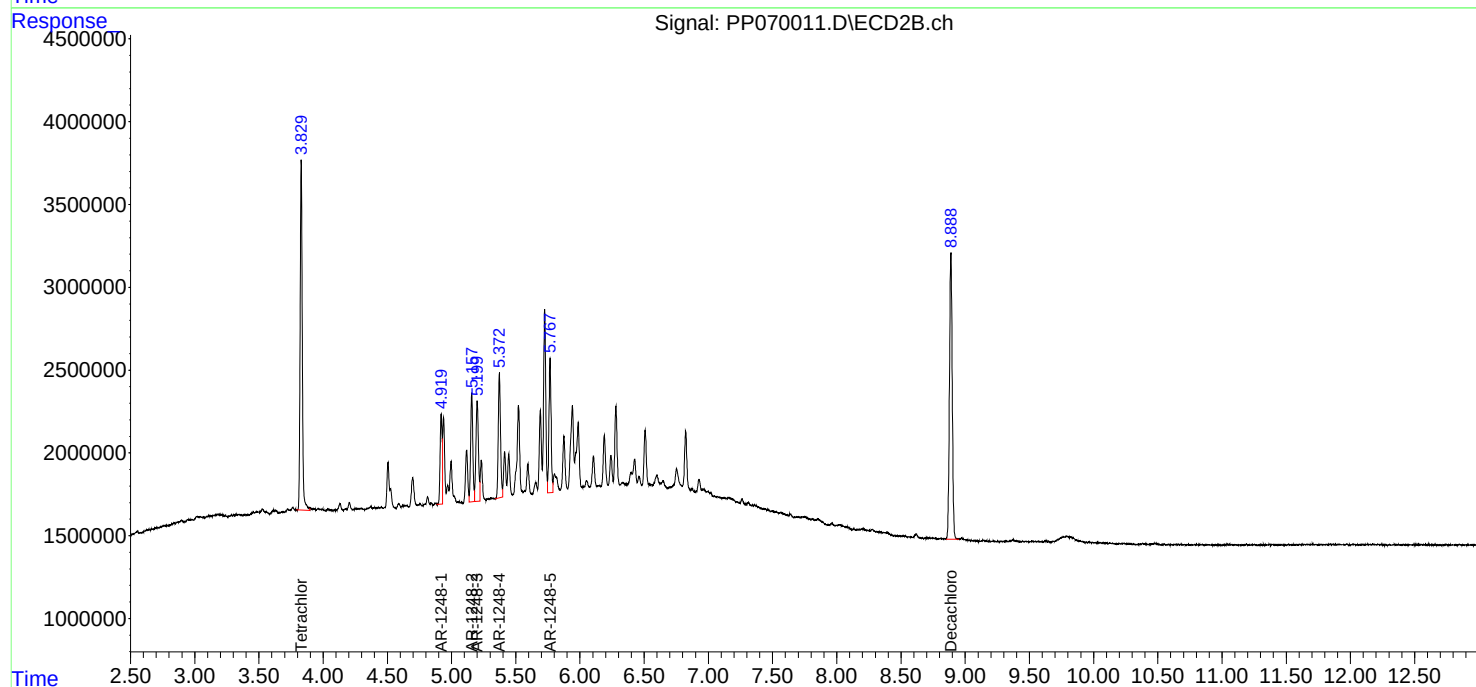
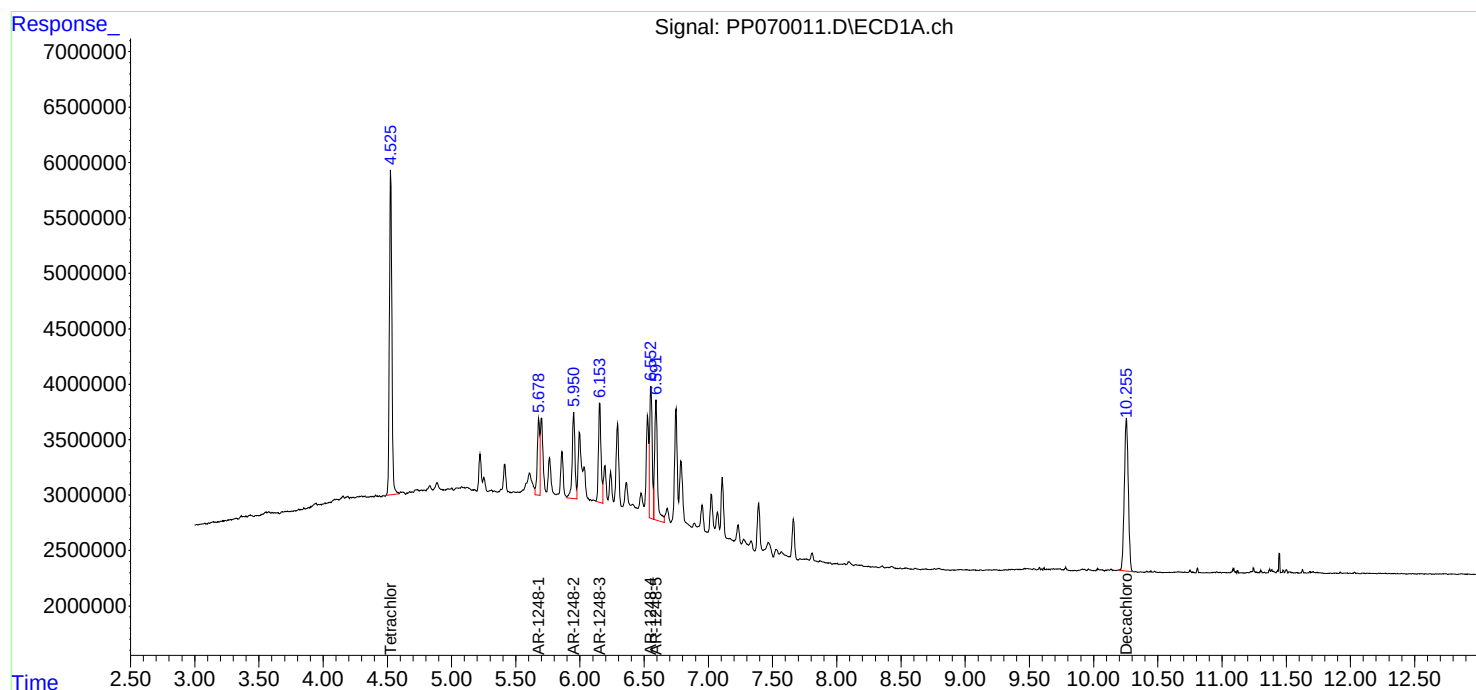
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:03
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 03:54:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 03:54:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 19:19
 Operator : YP\AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 03:52:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 02:46:30 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.523	3.830	6550878	4860377	4.420	5.077
2) SA Decachlor...	10.252	8.889	5158743	5826306	4.606	5.804 #
Target Compounds						
21) L5 AR-1248-1	5.675	4.919	1683389	1072097	51.703m	48.384
22) L5 AR-1248-2	5.946	5.158	1972518	1428930	46.018m	49.302
23) L5 AR-1248-3	6.149	5.201	2040568	1549382	43.464m	51.495
24) L5 AR-1248-4	6.548	5.373	3014885	1941377	51.413m	55.019
25) L5 AR-1248-5	6.588	5.768	2835972	1967262	49.846m	54.509

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:19
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

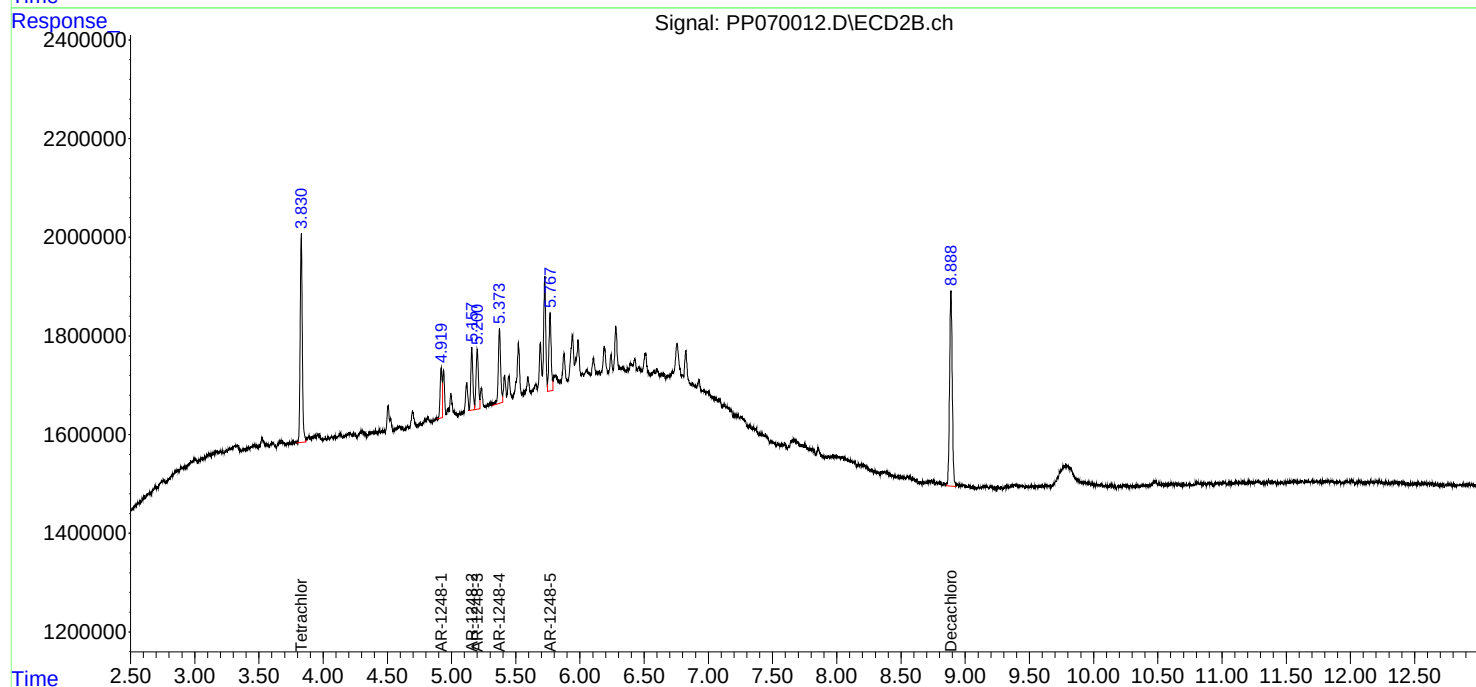
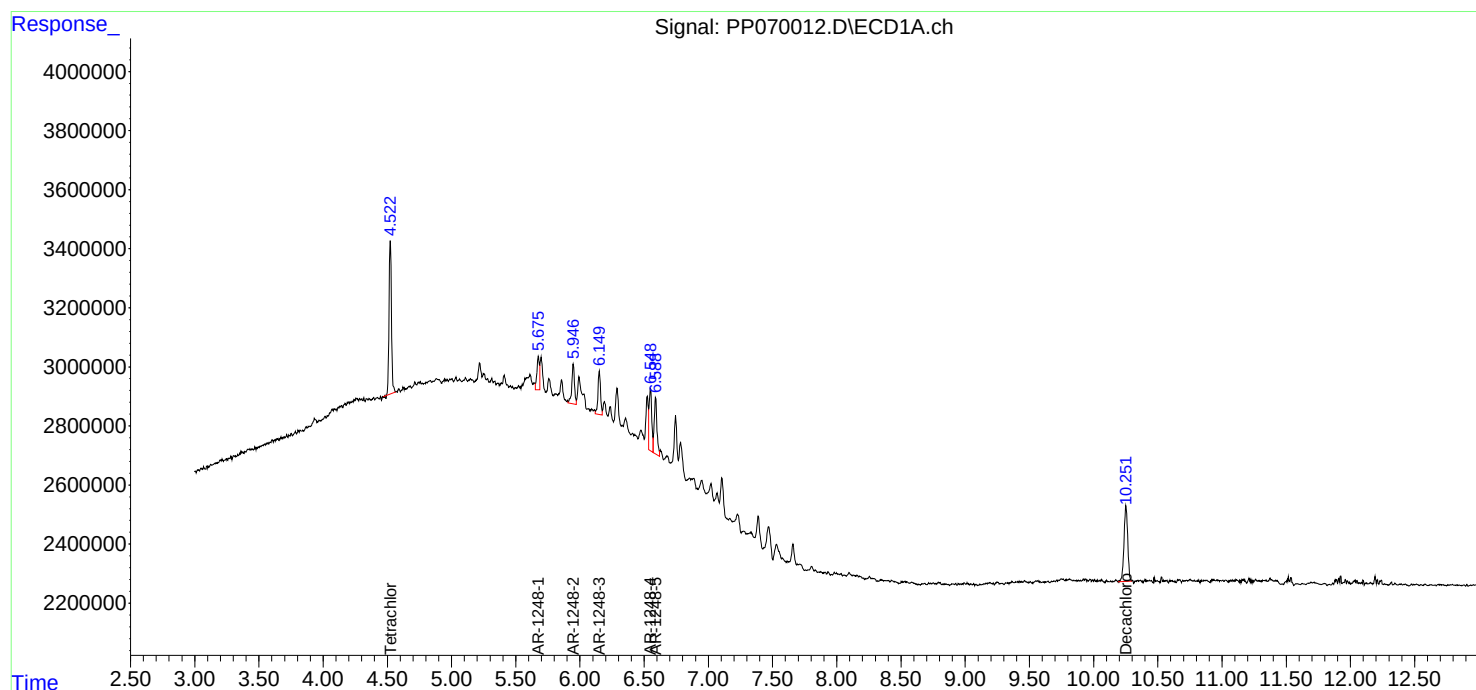
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 03:52:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 02:46:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 19:35
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:01:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:00:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.527	3.830	144.4E6	95717624	92.833	96.535
2) SA Decachlor...	10.257	8.888	107.6E6	96312460	88.033	84.075
Target Compounds						
26) L6 AR-1254-1	6.529	5.726	51156577	50279933	843.859m	901.842
27) L6 AR-1254-2	6.747	5.875	78872042	44271421	906.723	892.959
28) L6 AR-1254-3	7.110	6.280	79973406	70979950	912.505	899.833
29) L6 AR-1254-4	7.392	6.508	66856800	50771725	910.193	935.892
30) L6 AR-1254-5	7.809	6.927	65315189	64408865	938.155	885.994

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:35
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

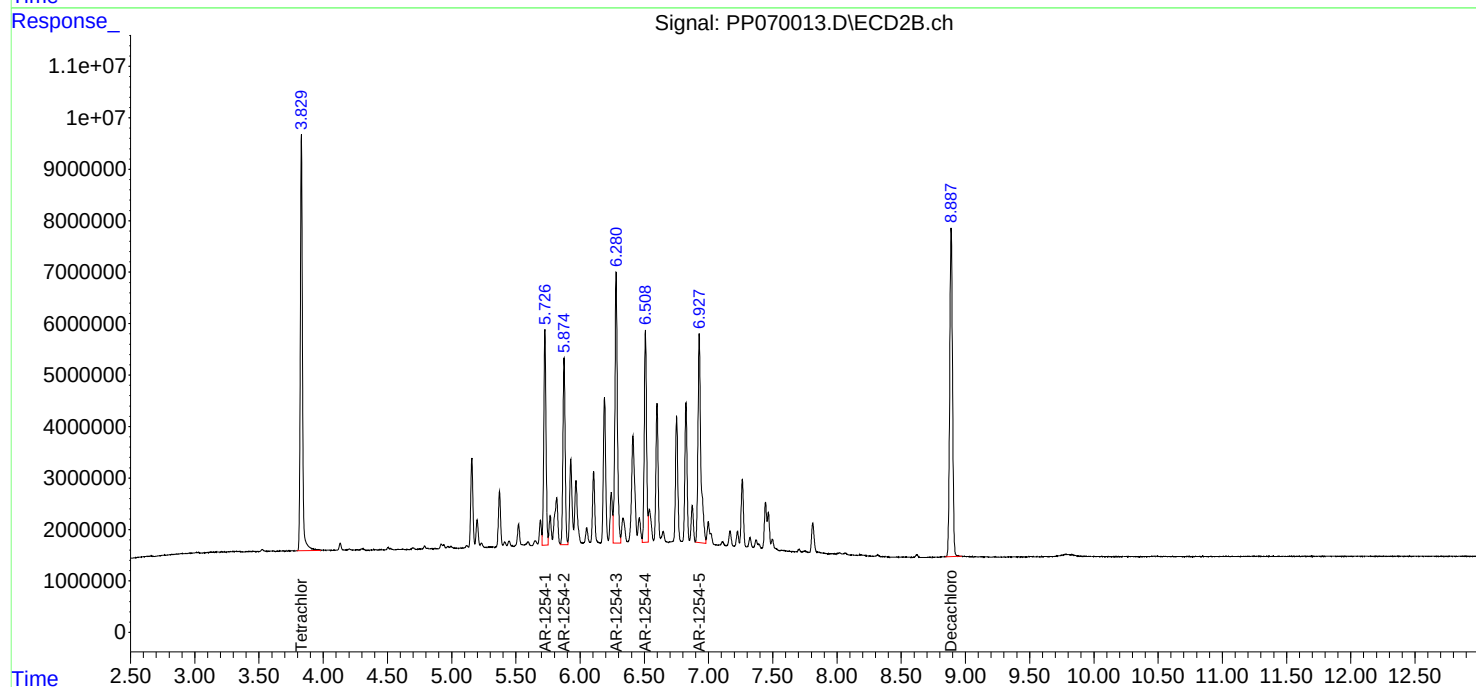
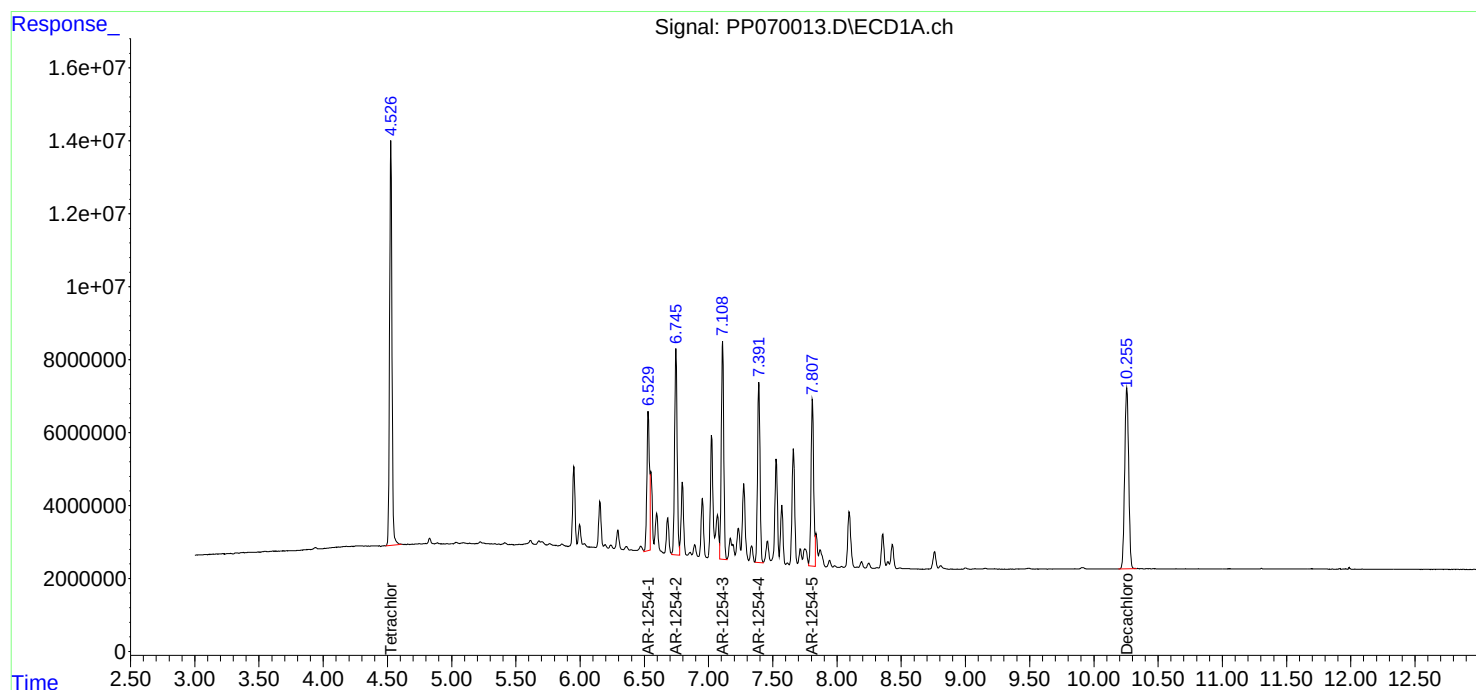
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:01:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 19:51
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:01:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:00:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.830	110.7E6	71421307	71.176	72.031
2) SA Decachlor...	10.252	8.888	82107398	75976360	67.202	66.323
Target Compounds						
26) L6 AR-1254-1	6.526	5.727	43177815	38730329	712.245m	694.683
27) L6 AR-1254-2	6.744	5.875	60940959	34175329	700.585	689.320
28) L6 AR-1254-3	7.106	6.280	61741877	54448591	704.482	690.260
29) L6 AR-1254-4	7.389	6.508	51037990	37612054	694.835	693.315
30) L6 AR-1254-5	7.804	6.927	51336155	49566080	737.367m	681.820

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:51
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

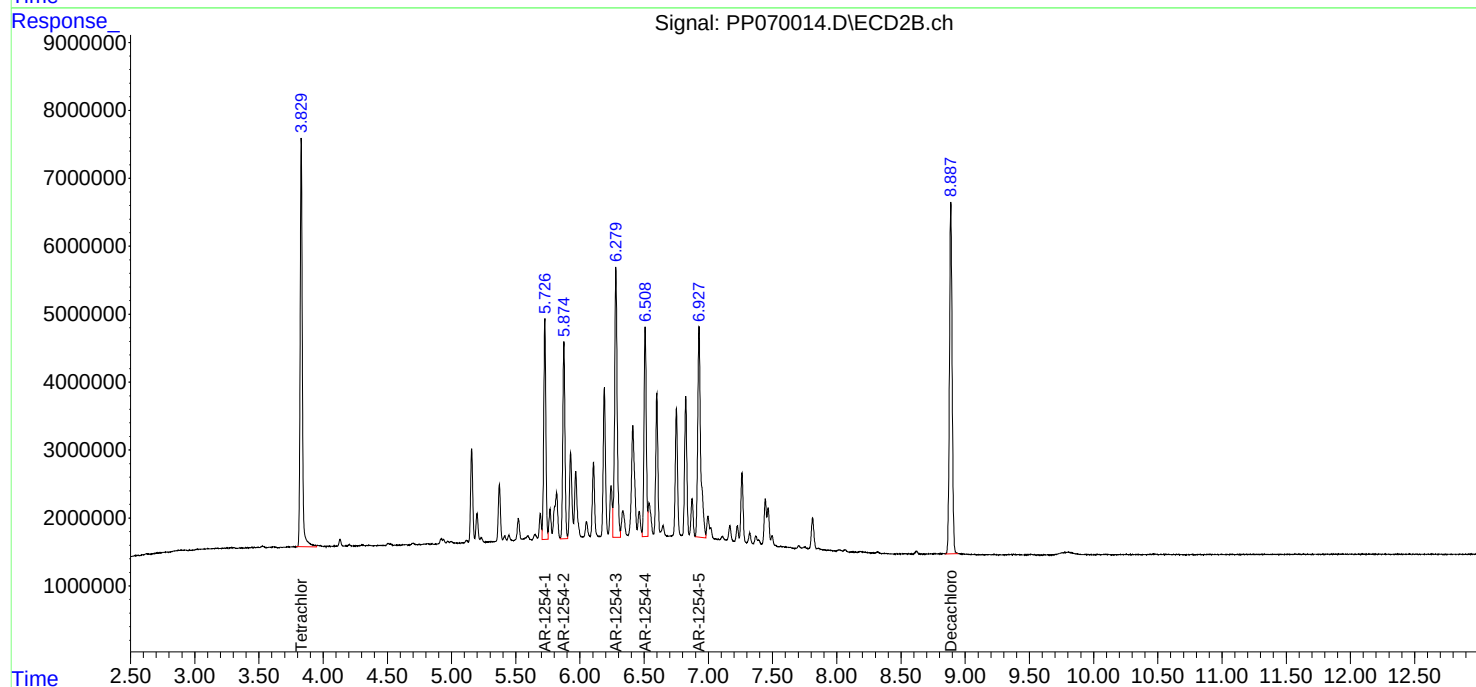
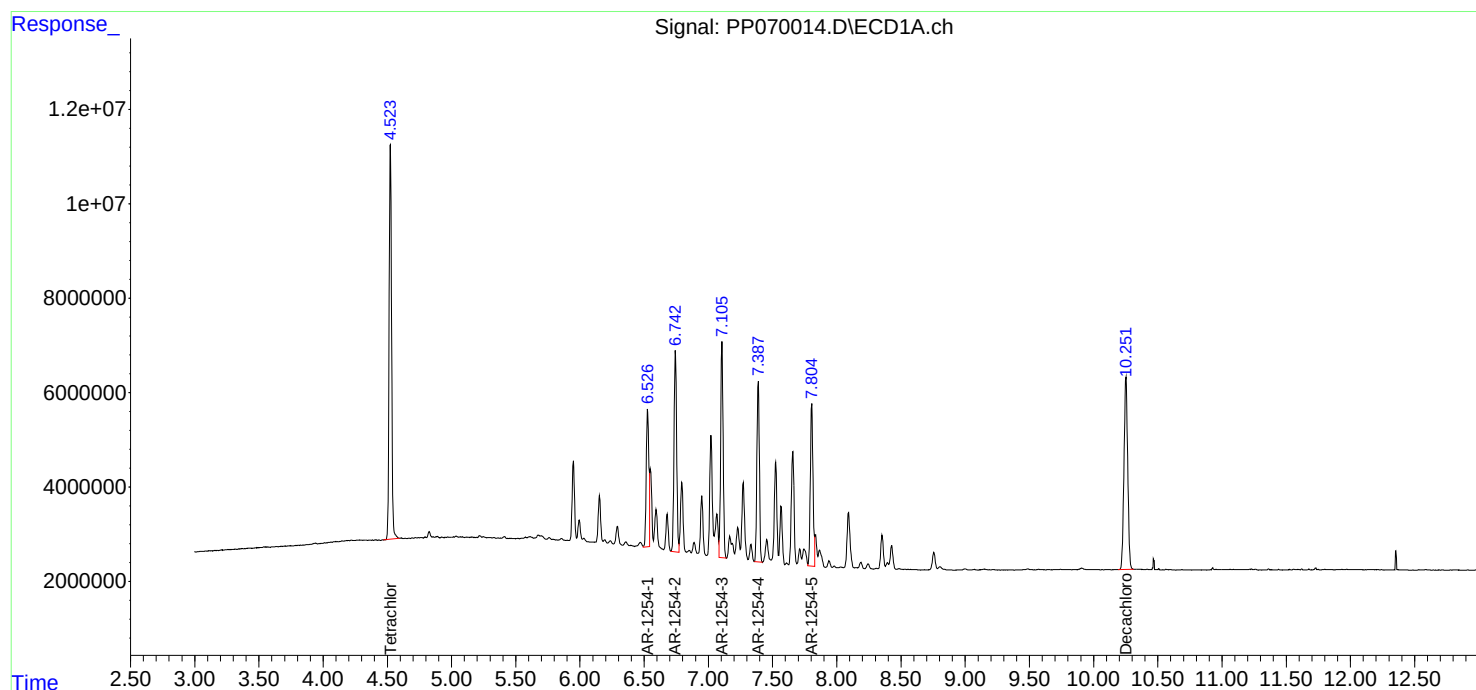
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:01:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 20:08
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:02:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:00:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.527	3.830	77763216	49576763	50.000	50.000
2) SA Decachlor...	10.257	8.888	61090090	57277938	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.531	5.727	30311081	27876244	500.000	500.000
27) L6 AR-1254-2	6.747	5.875	43492927	24789176	500.000	500.000
28) L6 AR-1254-3	7.110	6.281	43820793	39440641	500.000	500.000
29) L6 AR-1254-4	7.392	6.509	36726697	27124790	500.000	500.000
30) L6 AR-1254-5	7.809	6.928	34810463	36348350	500.000	500.000

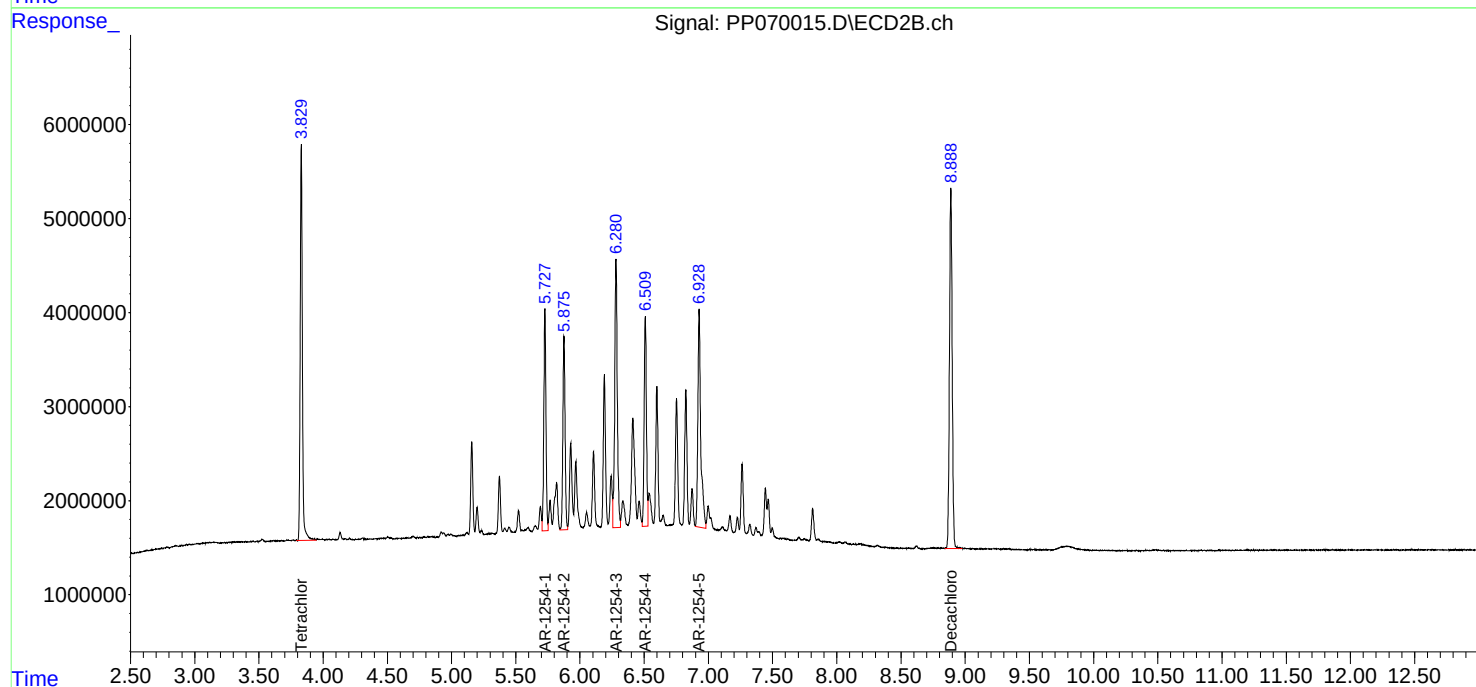
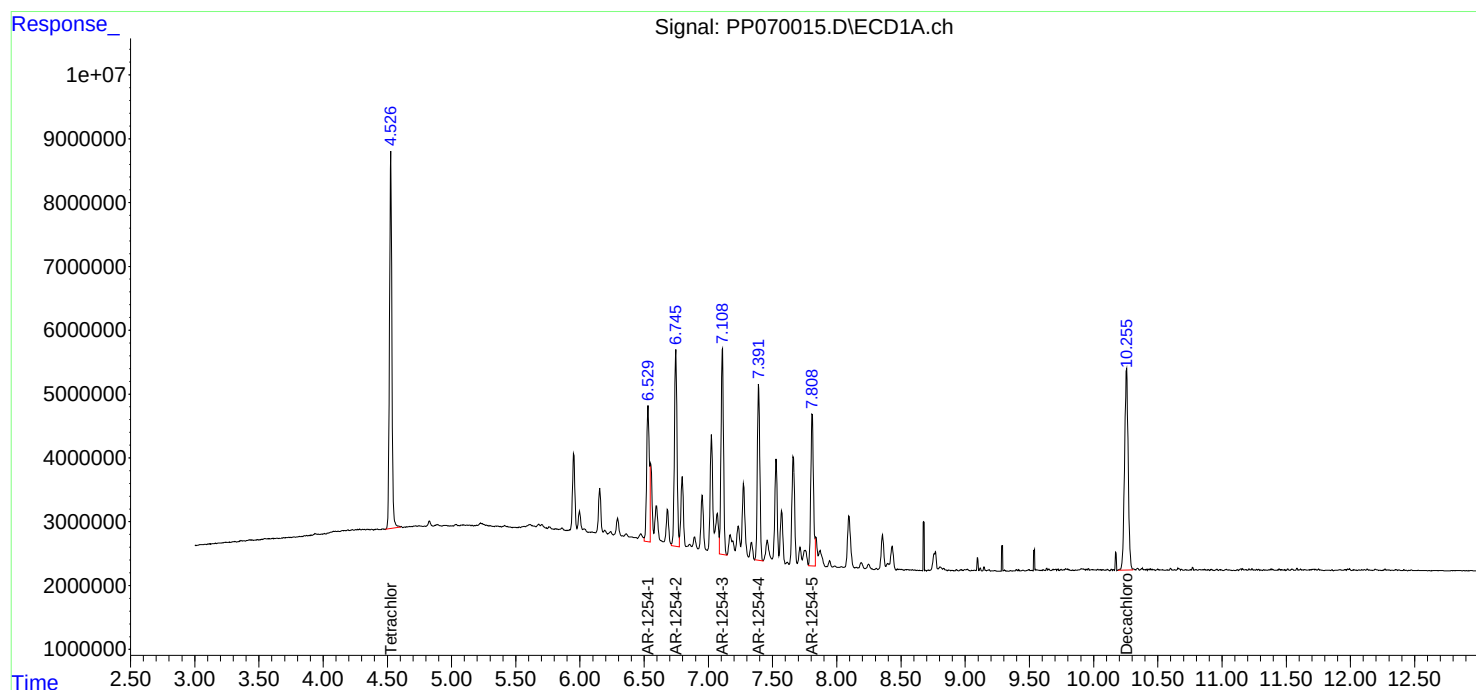
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:08
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:02:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 20:24
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:02:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:00:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.527	3.830	40132836	27047582	25.805	27.278
2) SA Decachlor...	10.255	8.888	30187238	31137800	24.707	27.181
Target Compounds						
26) L6 AR-1254-1	6.531	5.726	16752117	15003264	276.337	269.105
27) L6 AR-1254-2	6.747	5.875	23335043	13387354	268.263	270.024
28) L6 AR-1254-3	7.110	6.280	23235048	21071755	265.114	267.133
29) L6 AR-1254-4	7.392	6.508	19203653	14324648	261.440	264.051
30) L6 AR-1254-5	7.809	6.927	18089237	18907727	259.825	260.091

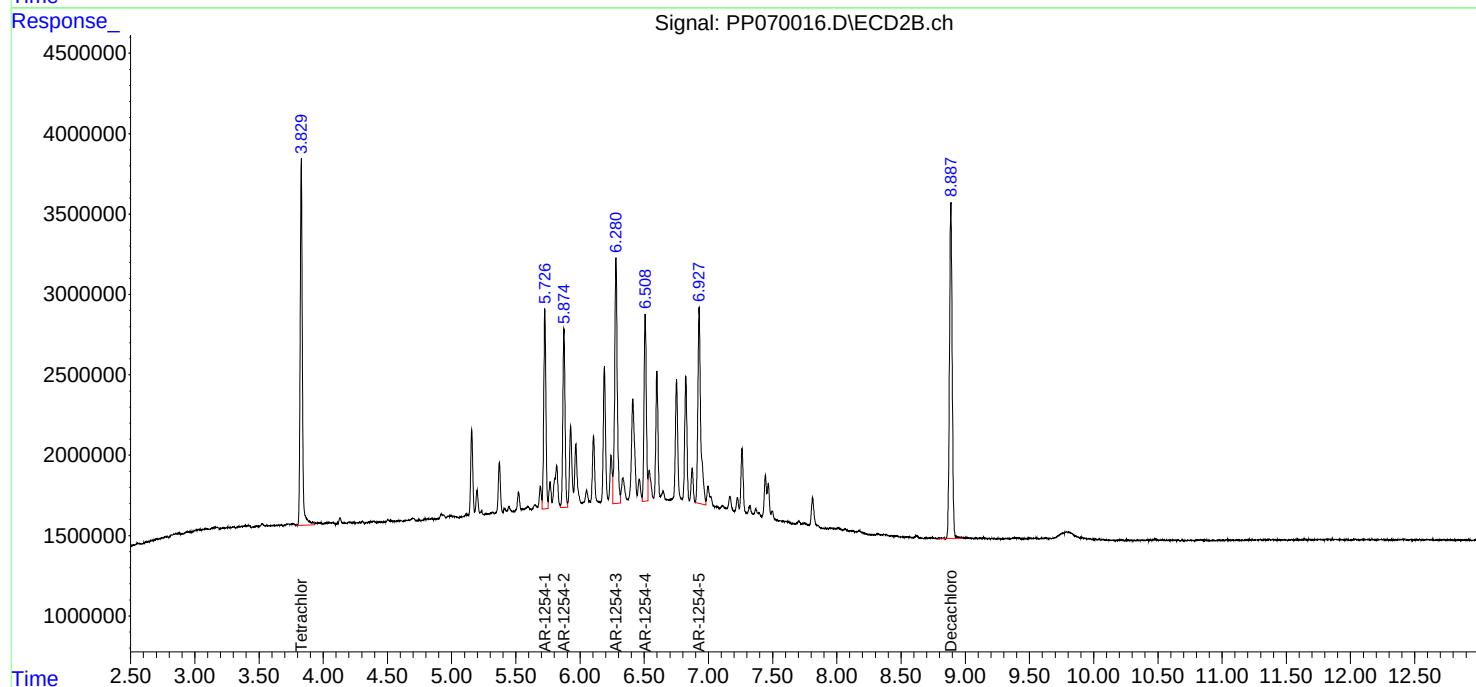
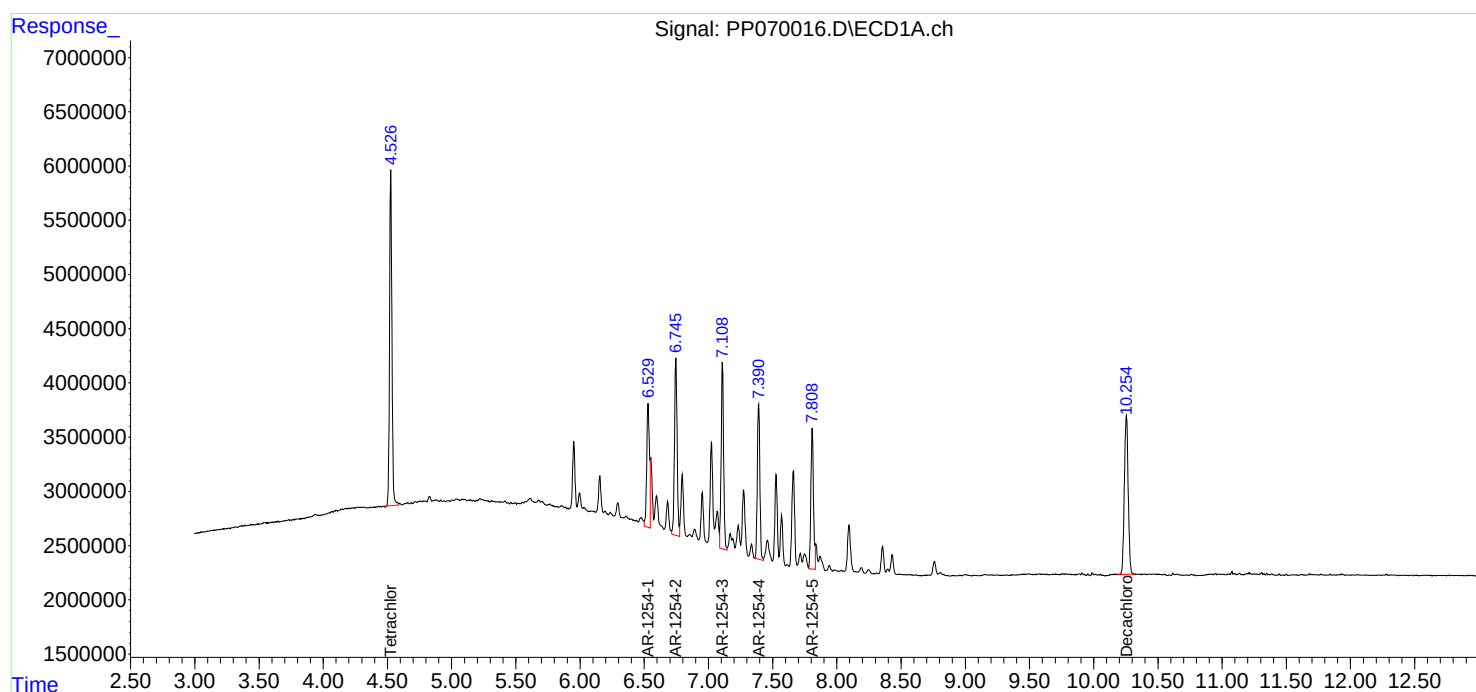
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:24
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:02:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 20:40
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:02:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:00:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.829	6961196	4894187	4.476m	4.936m
2) SA Decachlor...	10.255	8.888	5486741	5741356	4.491	5.012
Target Compounds						
26) L6 AR-1254-1	6.527	5.726	2357200	2758046	38.883m	49.469m#
27) L6 AR-1254-2	6.744	5.874	4898737	2538069	56.316m	51.193m
28) L6 AR-1254-3	7.107	6.280	5137710	3616827	58.622m	45.852m
29) L6 AR-1254-4	7.391	6.509	4369008	2241541	59.480m	41.319m#
30) L6 AR-1254-5	7.806	6.928	3003510	2951078	43.141m	40.594m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:40
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

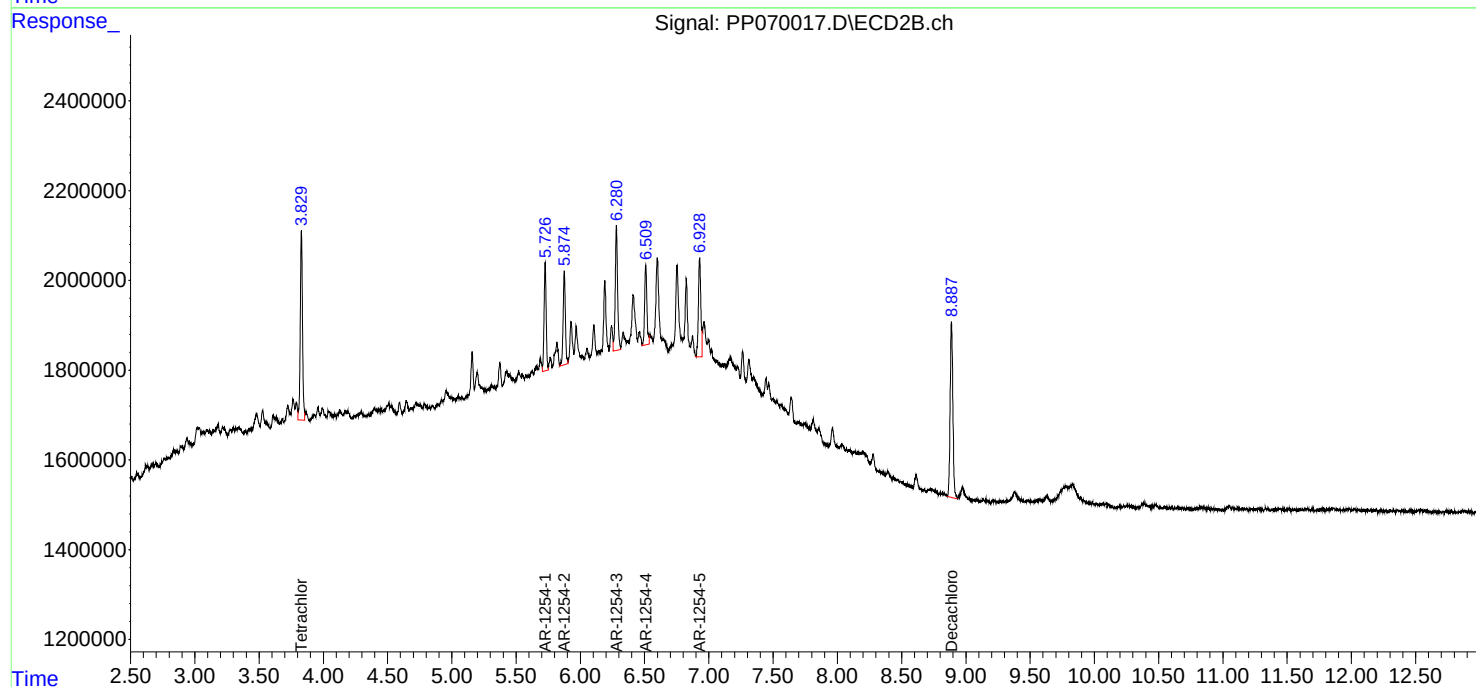
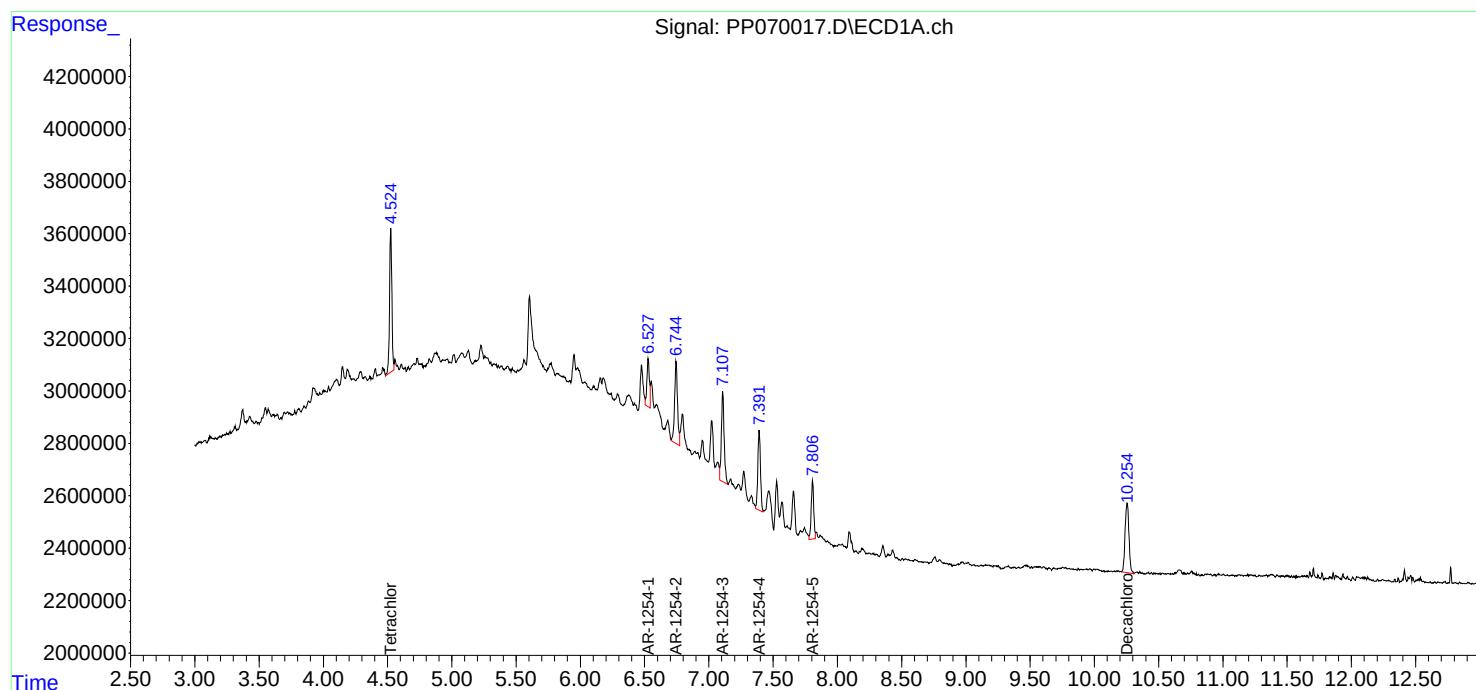
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:02:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 20:56
 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: Feb 25 04:17:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:16:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.830	75905513	49076245	50.000	50.000
2) SA Decachlor...	10.253	8.887	56184968	54922965	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.110	6.966	40364528	41737655	500.000	500.000
37) L8 AR-1262-2	8.430	7.225	80543740	33145535	500.000	500.000
38) L8 AR-1262-3	8.748	7.750	55305882	30290218	500.000	500.000
39) L8 AR-1262-4	8.835	7.814	41956958	52736975	500.000	500.000
40) L8 AR-1262-5	9.491	8.317	29402309	25965064	500.000	500.000

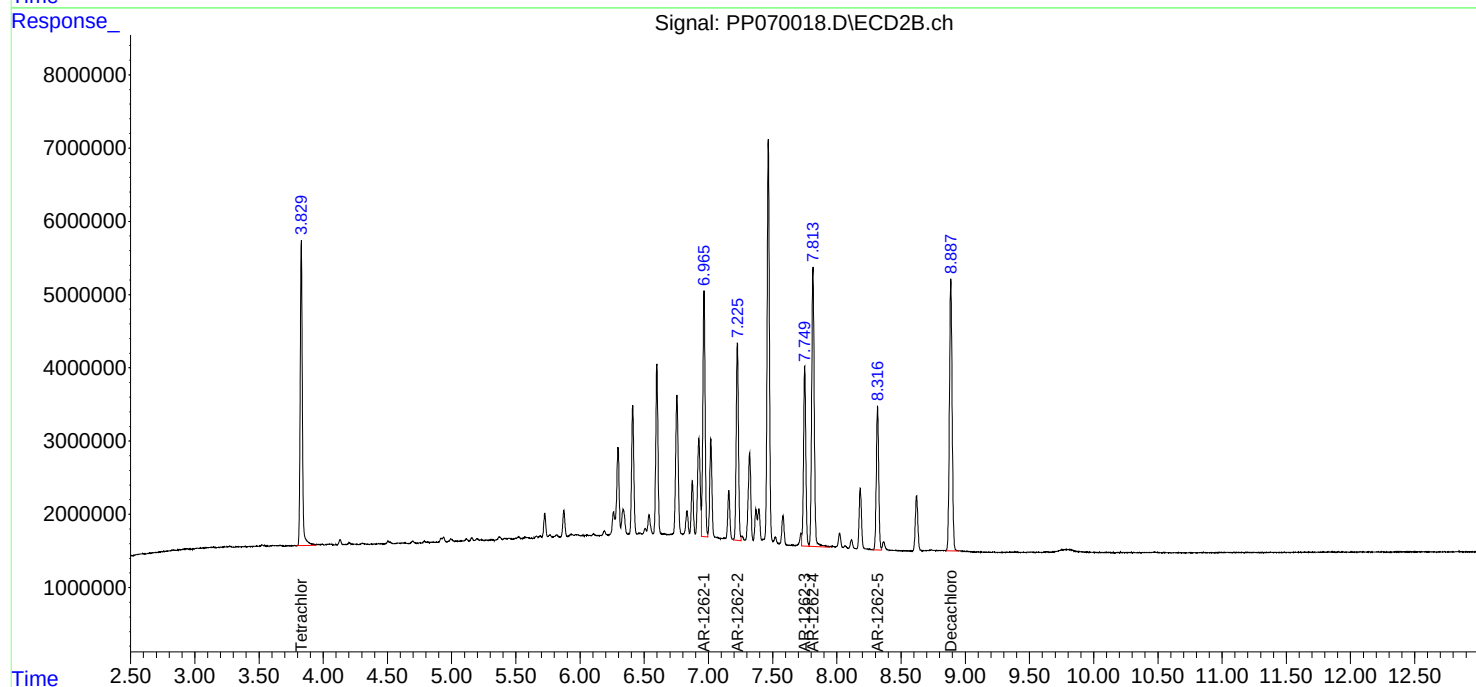
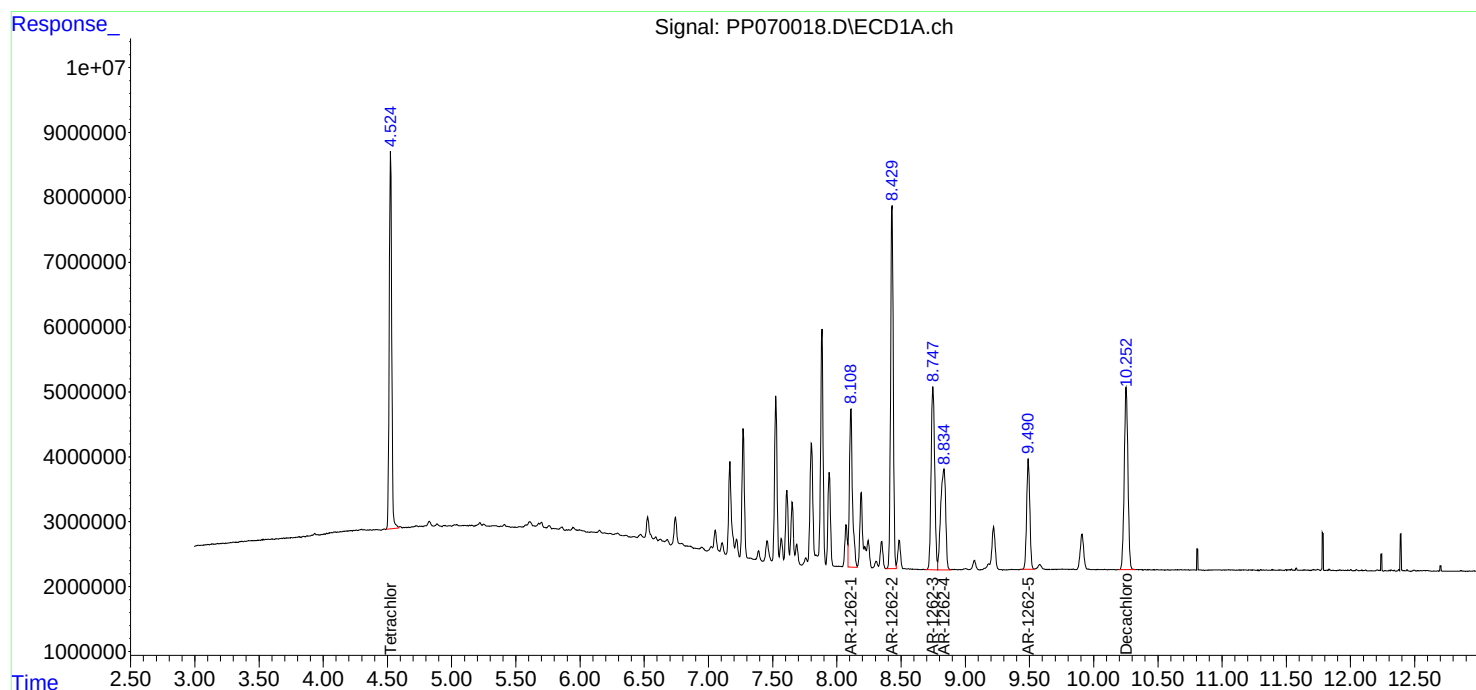
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:56
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: Feb 25 04:17:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:16:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 21:12
 Operator : YP\AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:26:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:25:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.829	150.1E6	96949955	97.947	97.351
2) SA Decachlor...	10.252	8.887	184.0E6	157.5E6	95.984	93.364
Target Compounds						
41) L9 AR-1268-1	8.744	7.749	188.4E6	160.3E6	973.171	1004.482
42) L9 AR-1268-2	8.838	7.814	162.7E6	139.5E6	966.670	1016.199
43) L9 AR-1268-3	9.071	8.022	141.6E6	118.7E6	974.102	985.054
44) L9 AR-1268-4	9.490	8.316	63392961	50956768	985.012	963.009
45) L9 AR-1268-5	9.910	8.620	414.0E6	345.5E6	989.680	1003.899

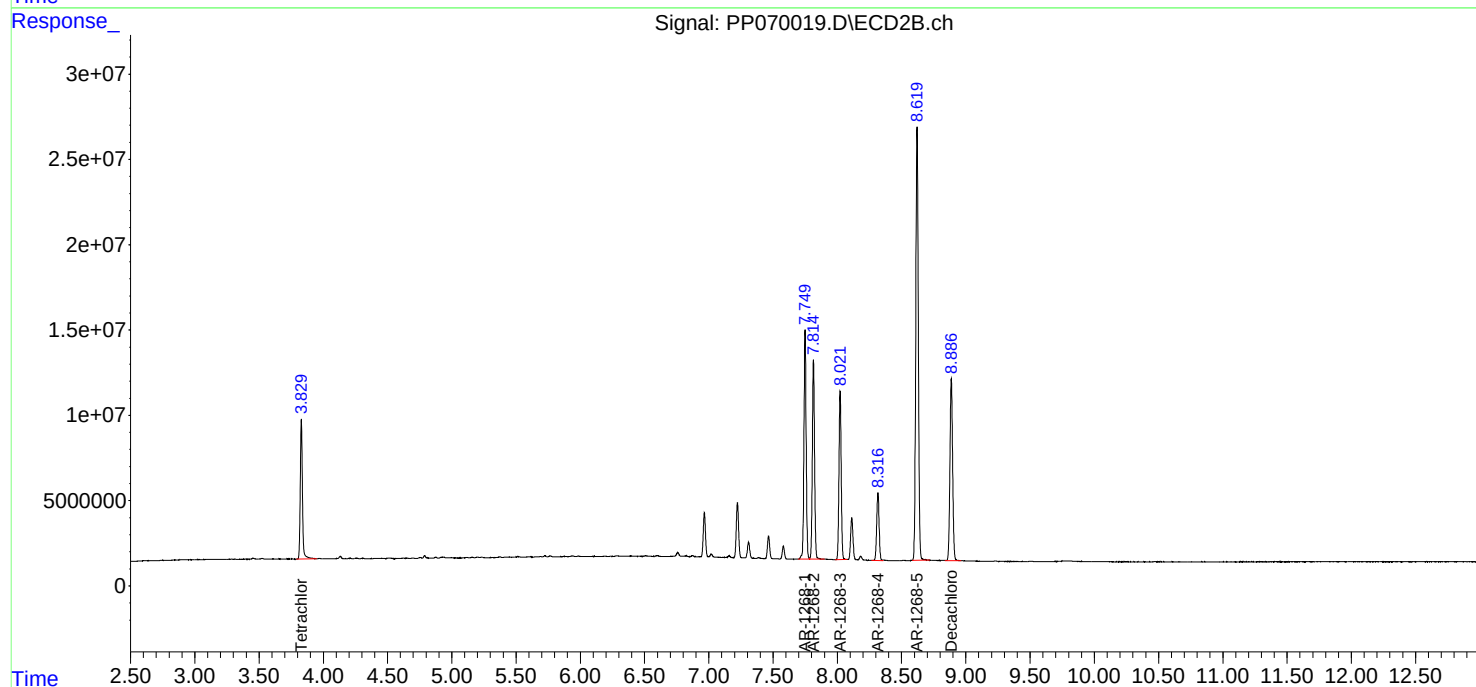
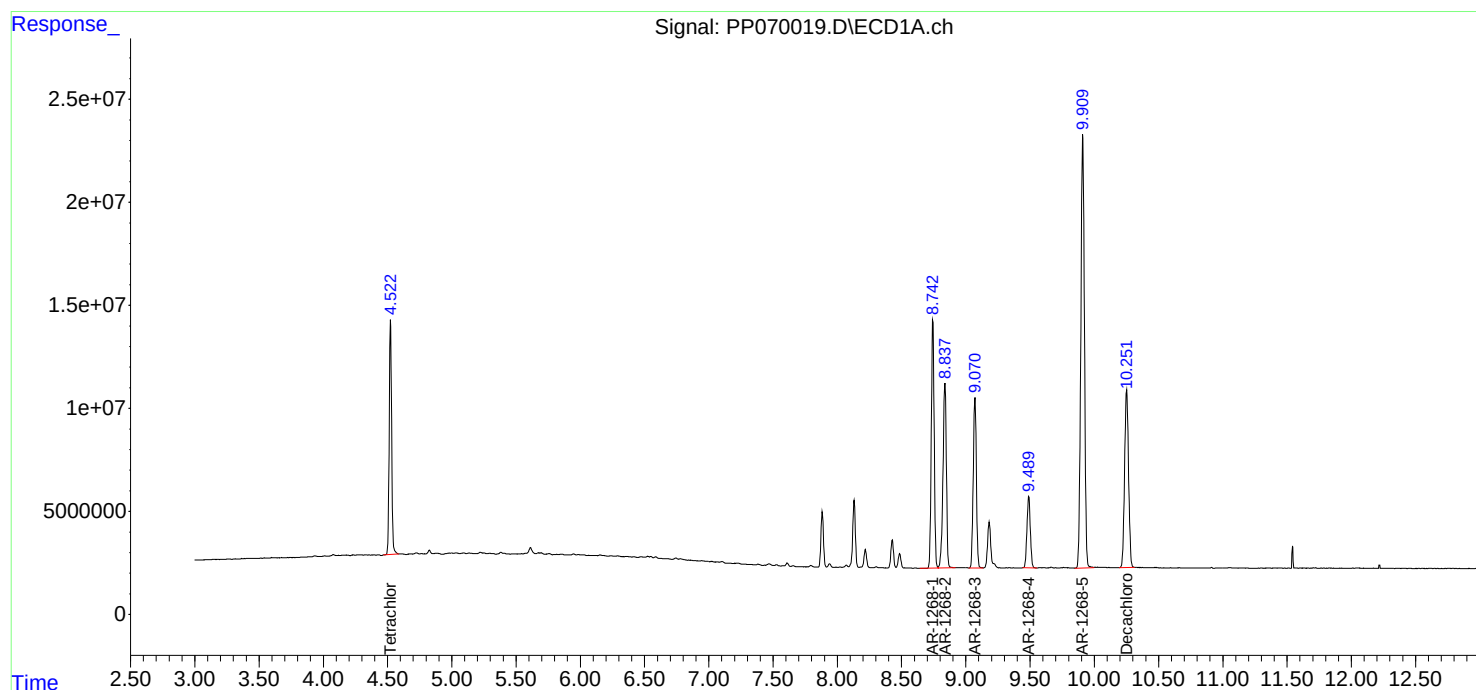
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:12
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:26:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 21:29
 Operator : YP\AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:26:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:25:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.830	103.2E6	64166467	67.333	64.432m
2) SA Decachlor...	10.254	8.887	137.1E6	125.3E6	71.547	74.298
Target Compounds						
41) L9 AR-1268-1	8.746	7.750	138.6E6	118.3E6	715.609	741.494
42) L9 AR-1268-2	8.840	7.815	119.7E6	102.9E6	711.321	749.564
43) L9 AR-1268-3	9.073	8.022	102.9E6	86951030	707.478	721.763
44) L9 AR-1268-4	9.492	8.317	45213739	37616870	702.540	710.904
45) L9 AR-1268-5	9.911	8.622	301.0E6	264.8E6	719.439	769.421

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:29
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

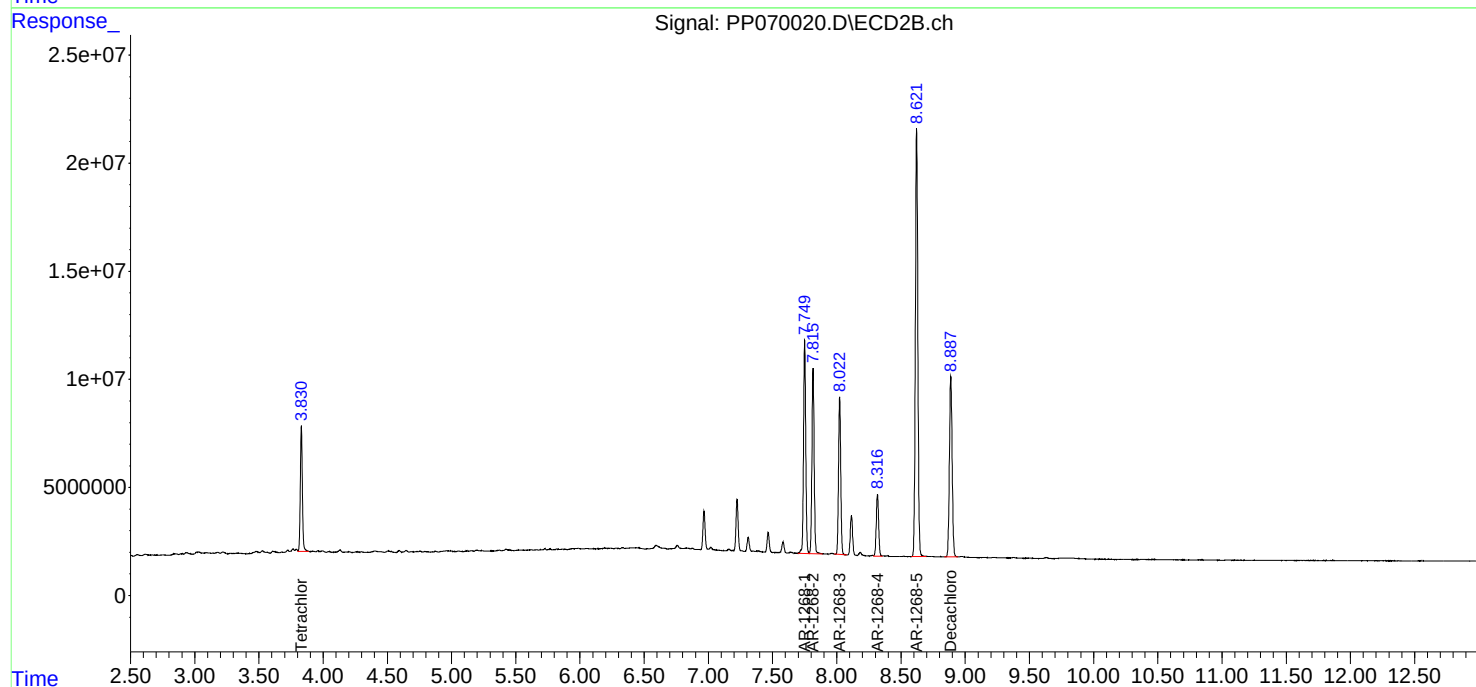
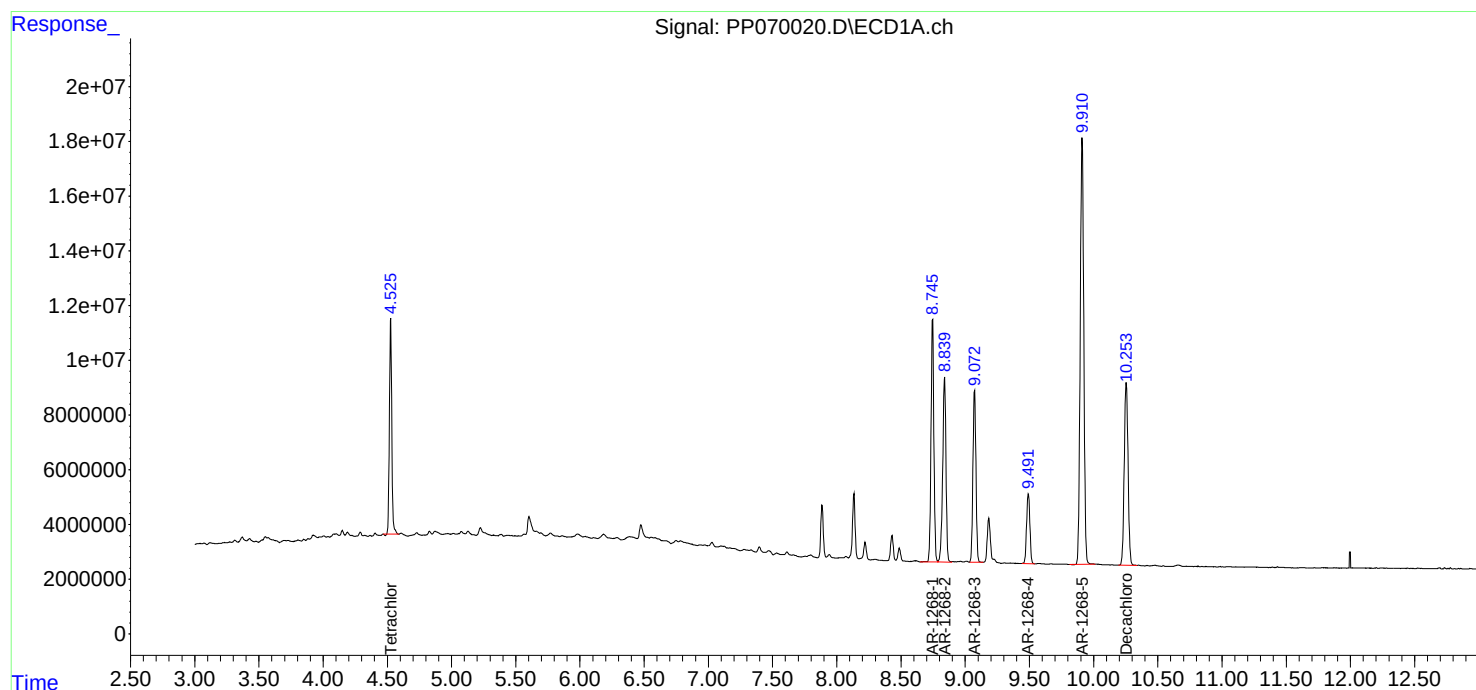
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:26:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 21:45
 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: Feb 25 04:26:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:25:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.829	76635577	49794264	50.000	50.000
2) SA Decachlor...	10.255	8.888	95825115	84338967	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.746	7.750	96814174	79784563	500.000	500.000
42) L9 AR-1268-2	8.839	7.815	84153700	68652177	500.000	500.000
43) L9 AR-1268-3	9.073	8.022	72693325	60235182	500.000	500.000
44) L9 AR-1268-4	9.492	8.316	32178787	26457057	500.000	500.000
45) L9 AR-1268-5	9.911	8.621	209.2E6	172.1E6	500.000	500.000

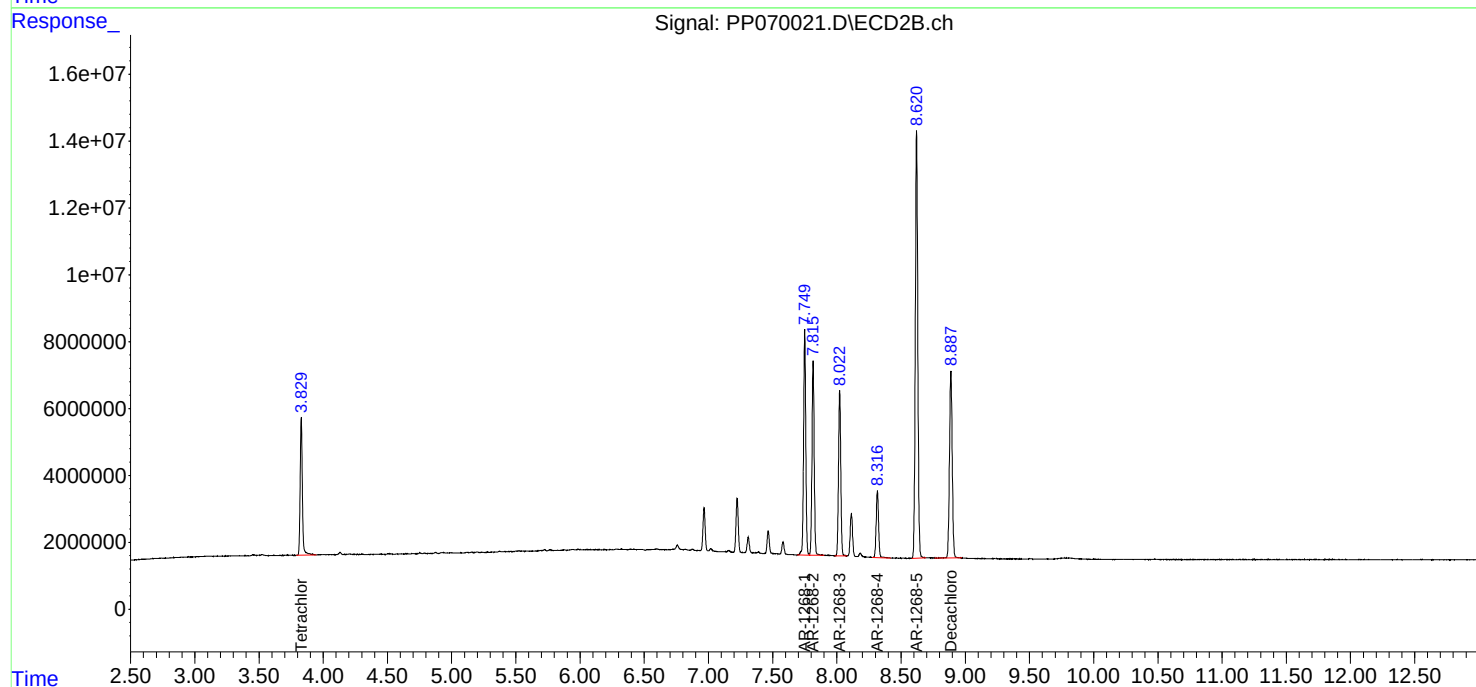
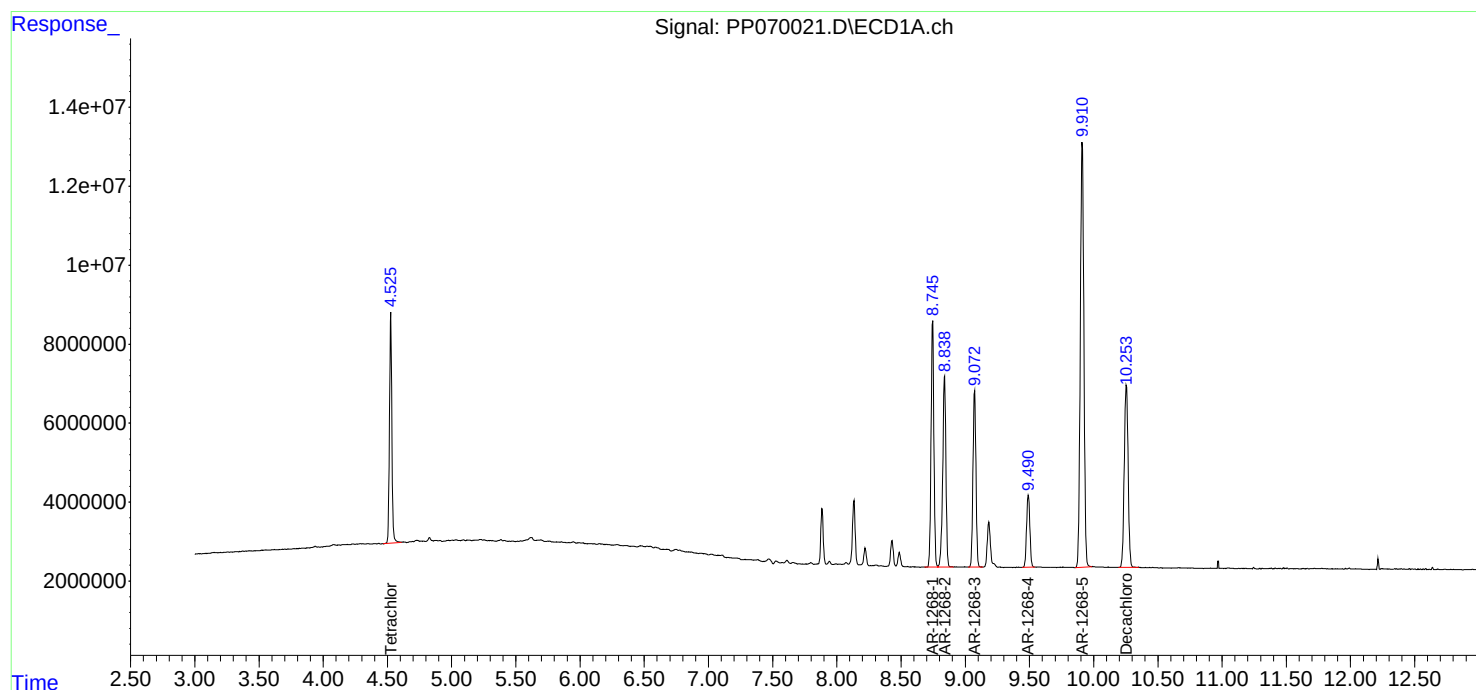
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:45
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: Feb 25 04:26:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 22:01
 Operator : YP\AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:27:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:25:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.829	40528443	26907341	26.442	27.019
2) SA Decachlor...	10.253	8.886	50783887	44782319	26.498	26.549
Target Compounds						
41) L9 AR-1268-1	8.743	7.749	51712877	42629022	267.073	267.151
42) L9 AR-1268-2	8.837	7.813	44323419	36635586	263.348	266.820
43) L9 AR-1268-3	9.070	8.021	38318414	32440426	263.562	269.281
44) L9 AR-1268-4	9.489	8.314	16742549	14453634	260.149	273.153m
45) L9 AR-1268-5	9.908	8.619	111.0E6	91654966	265.452	266.322

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:01
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

AR1268ICC250

Manual Integrations

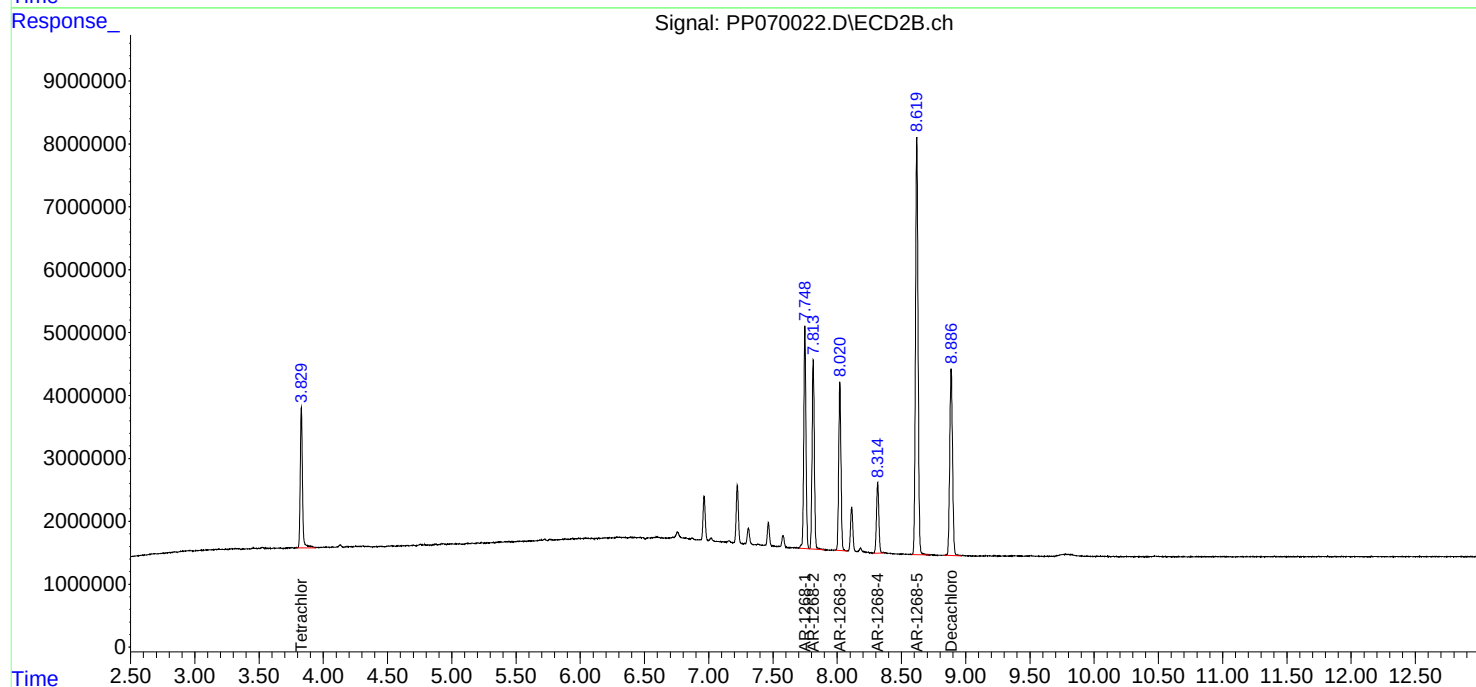
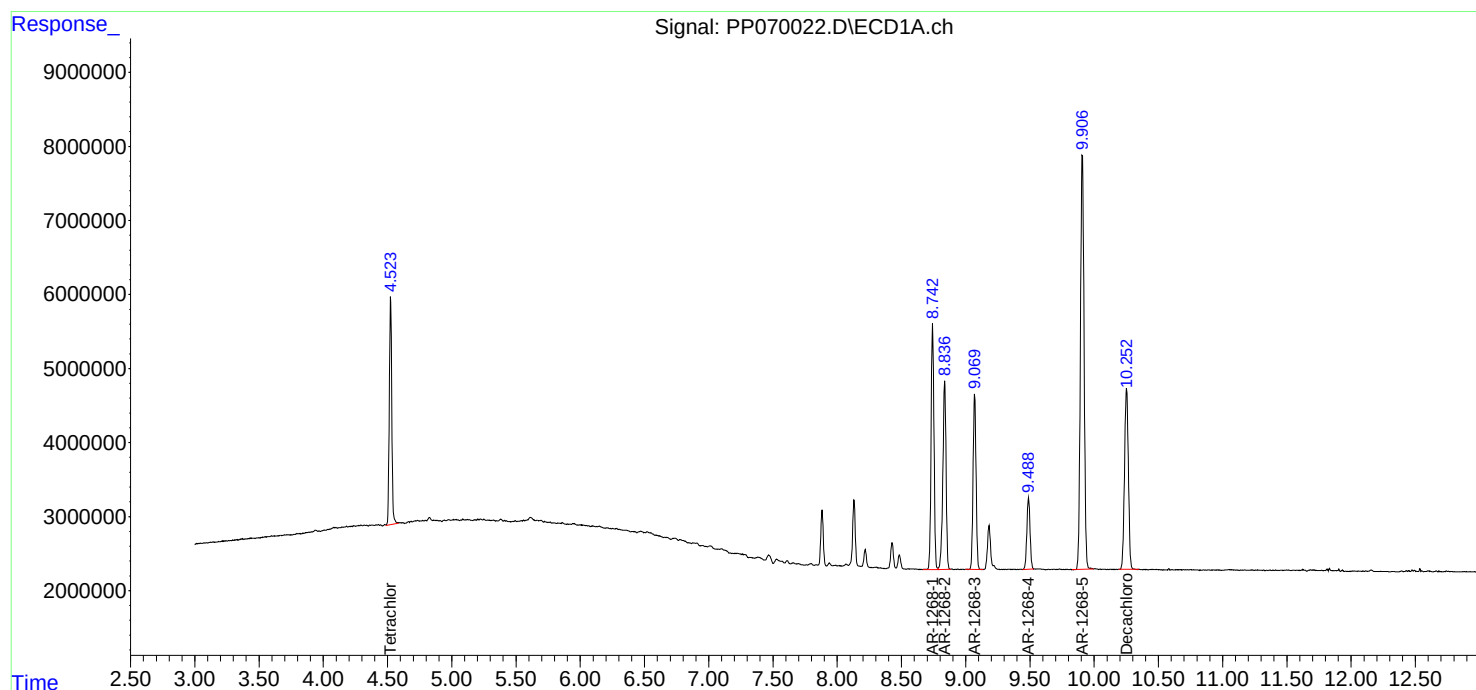
APPROVED

Reviewed By :Yogesh Patel 02/25/2025

Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:27:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070023.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 22:17
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:27:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:25:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.829	7085617	5173632	4.623m	5.195
2) SA Decachlor...	10.255	8.887	9239297	9411578	4.821	5.580
Target Compounds						
41) L9 AR-1268-1	8.746	7.750	9340209	9030797	48.238	56.595
42) L9 AR-1268-2	8.839	7.814	8000010	8230405	47.532	59.943 #
43) L9 AR-1268-3	9.073	8.022	7004739	6374268	48.180	52.912
44) L9 AR-1268-4	9.491	8.316	3012016	2704202	46.801	51.105
45) L9 AR-1268-5	9.911	8.620	20088796	18338625	48.021	53.287

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

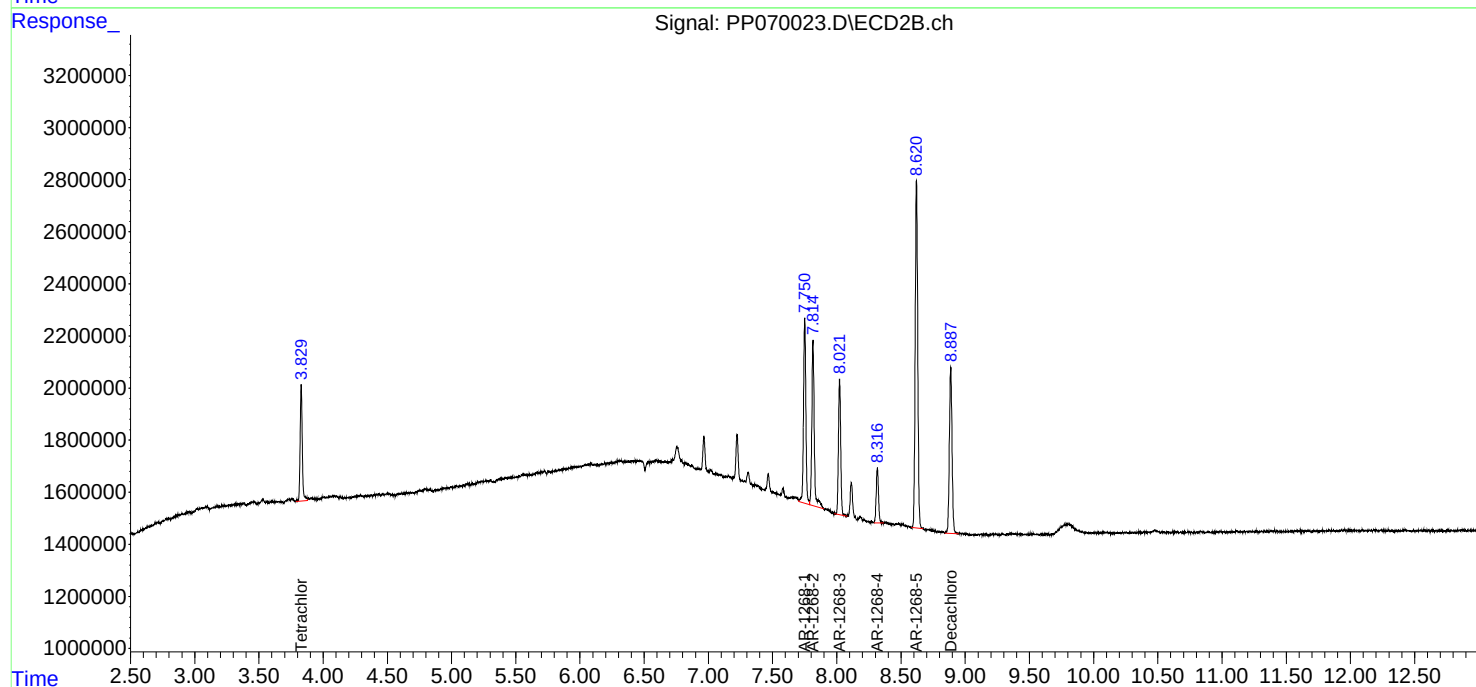
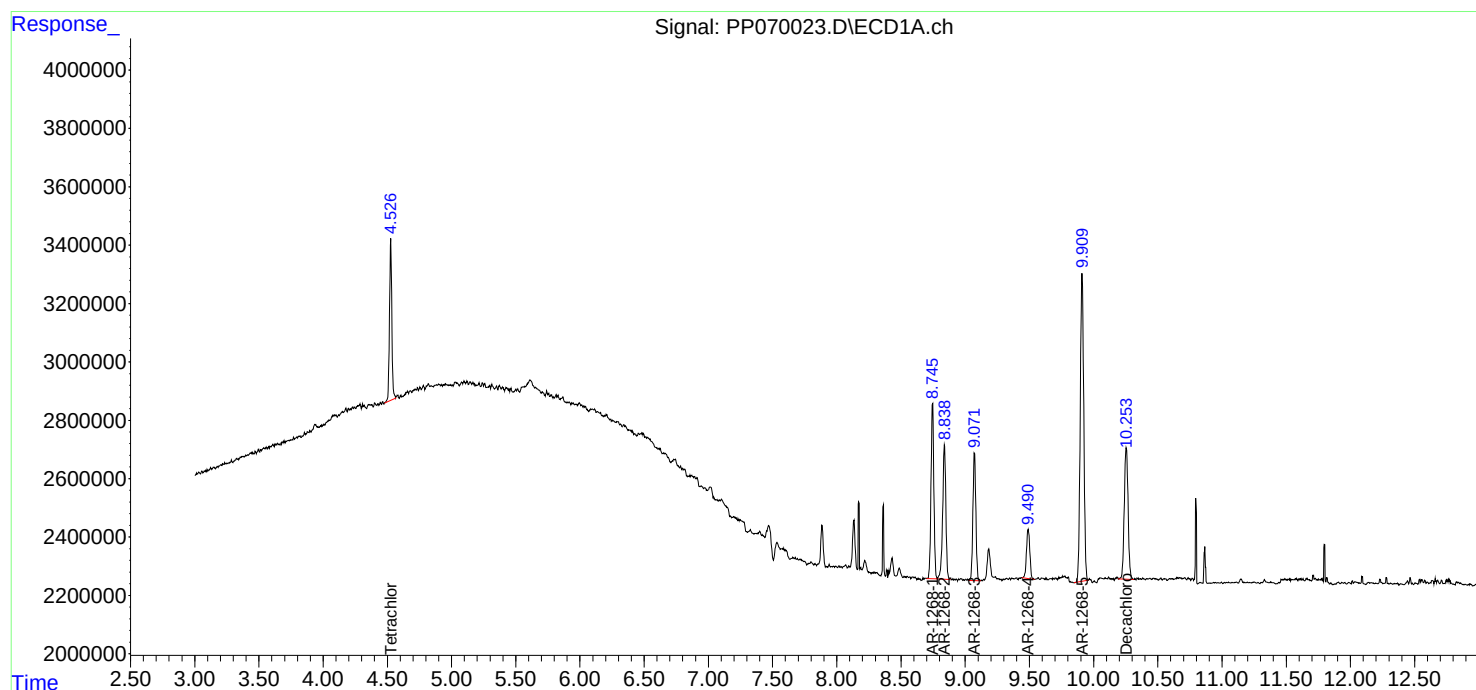
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:27:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070024.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 22:34
 Operator : YP\AJ
 Sample : PP022425ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP022425

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:04:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:02:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.829	75692089	47027481	49.361	49.361
2) SA Decachlor...	10.254	8.887	59599251	53753406	51.134	48.069
Target Compounds						
3) L1 AR-1016-1	5.679	4.919	25666490	16486171	513.653	490.851
4) L1 AR-1016-2	5.701	4.938	36554541	22908896	500.808	487.588
5) L1 AR-1016-3	5.763	5.115	22601401	12562885	500.618	486.627
6) L1 AR-1016-4	5.861	5.157	18541854	10091335	493.666	490.219
7) L1 AR-1016-5	6.154	5.372	17442261	12977068	511.983	489.029
31) L7 AR-1260-1	7.274	6.410	30379600	25016847	511.537	504.877
32) L7 AR-1260-2	7.527	6.598	40230175	33434416	498.436	516.595
33) L7 AR-1260-3	7.886	6.753	32998196	28487900	515.501	497.510
34) L7 AR-1260-4	8.110	7.225	32484934	24115126	514.479	496.042
35) L7 AR-1260-5	8.431	7.466	68660770	59424903	509.333	496.894

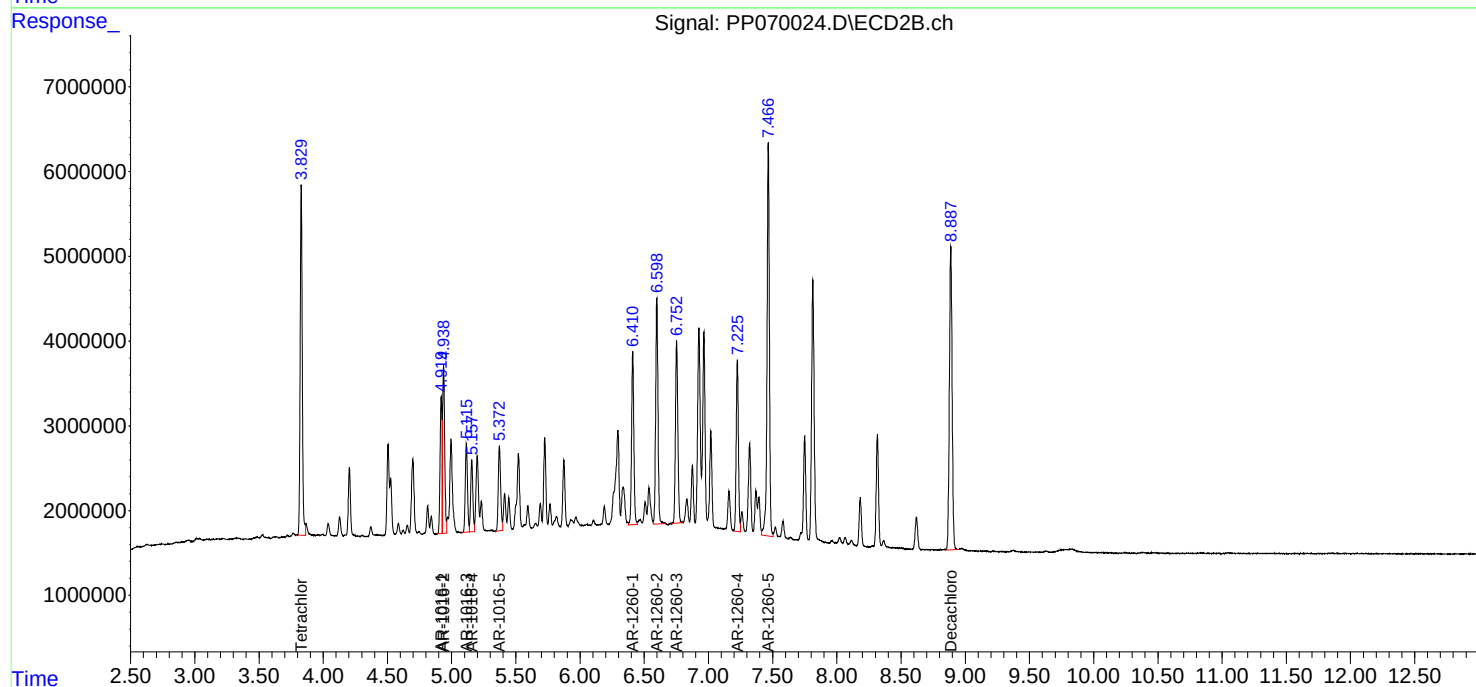
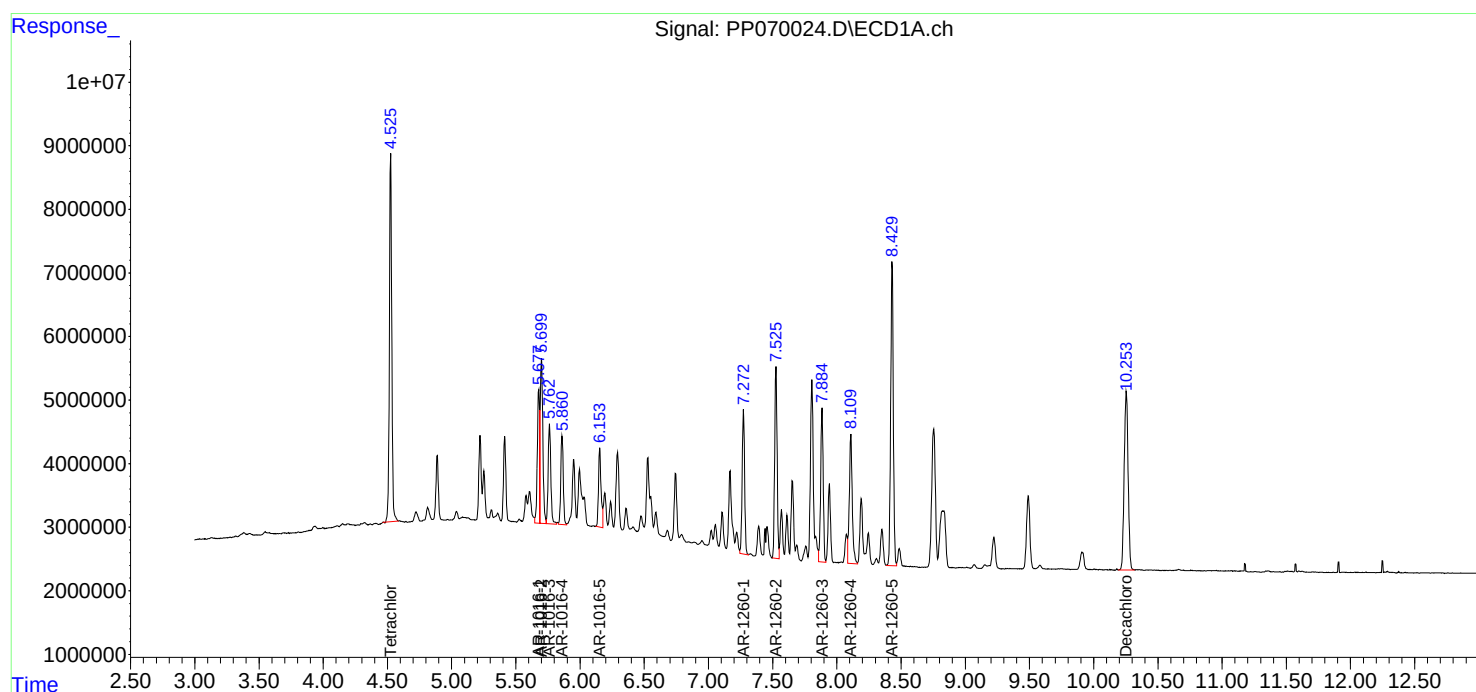
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:34
Operator : YP\AJ
Sample : PP022425ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP022425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:04:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 22:50
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP022425AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:25:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:23:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.523	3.830	75972414	47320786	51.773	49.338
2) SA Decachlor...	10.252	8.887	56608358	53341450	51.479	52.424
Target Compounds						
16) L4 AR-1242-1	5.677	4.920	21310655	14394025	512.686	516.871
17) L4 AR-1242-2	5.698	4.939	30783100	19970694	510.256	518.182
18) L4 AR-1242-3	5.760	5.116	19012156	11248595	493.459	535.720
19) L4 AR-1242-4	5.858	5.200	15670837	10692666	489.437	535.480
20) L4 AR-1242-5	6.589	5.726	18864781	13650655	532.456	517.735

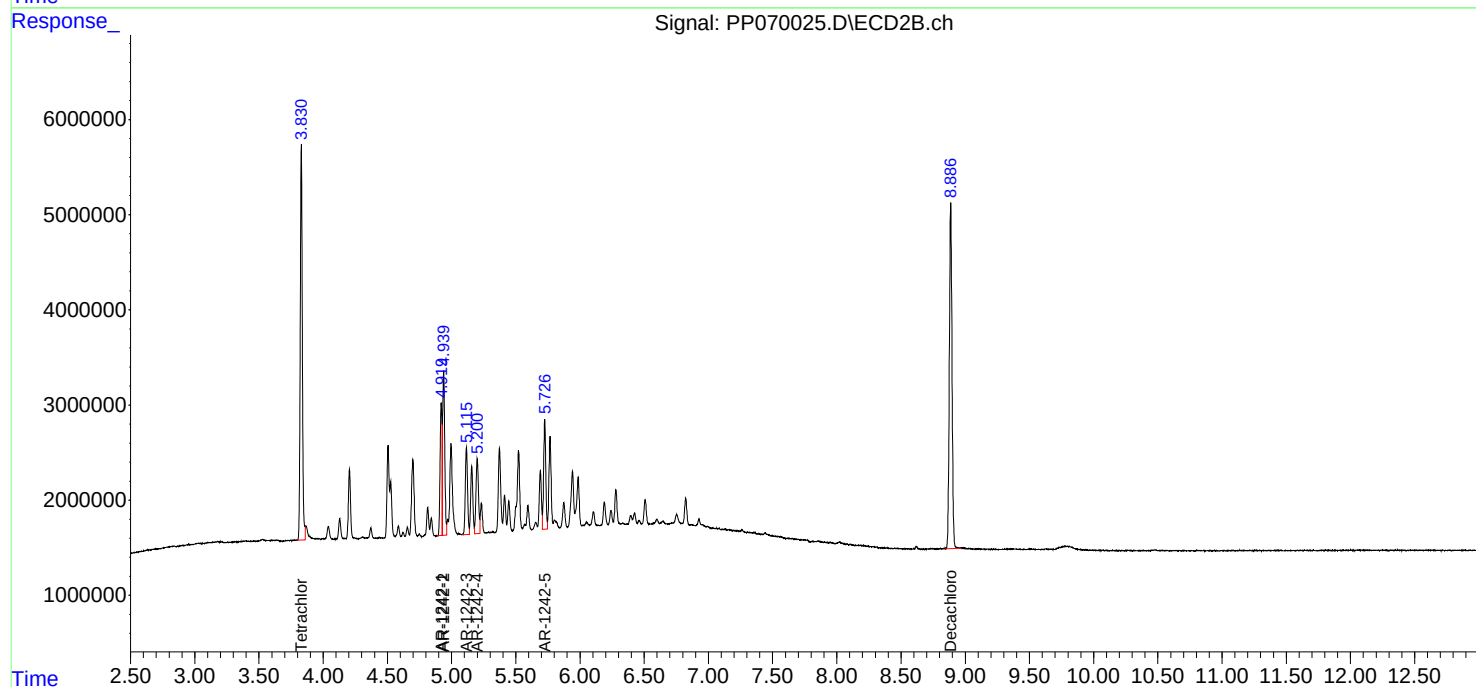
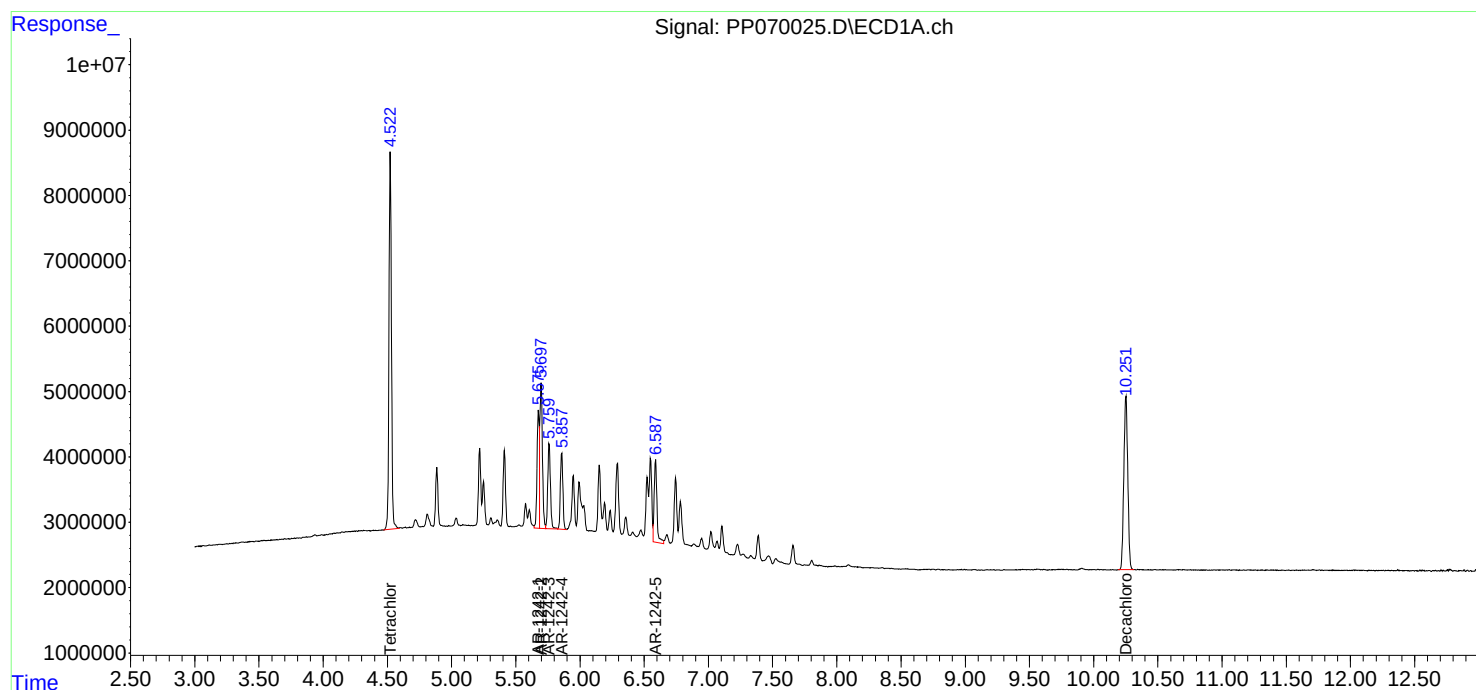
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:50
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP022425AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:25:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 23:06
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP022425AR1248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:38:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 01:36:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.528	3.829	75407422	49577243	50.884	51.783
2) SA Decachlor...	10.257	8.887	56421899	53068816	50.377	52.864
Target Compounds						
21) L5 AR-1248-1	5.681	4.919	16609396	11084604	510.131	500.246
22) L5 AR-1248-2	5.953	5.158	21925878	14571155	511.519	502.749
23) L5 AR-1248-3	6.156	5.200	23880559	15235962	508.659	506.377
24) L5 AR-1248-4	6.555	5.372	29754915	17720481	507.412	502.198
25) L5 AR-1248-5	6.594	5.767	29363962	18130727	516.110	502.371

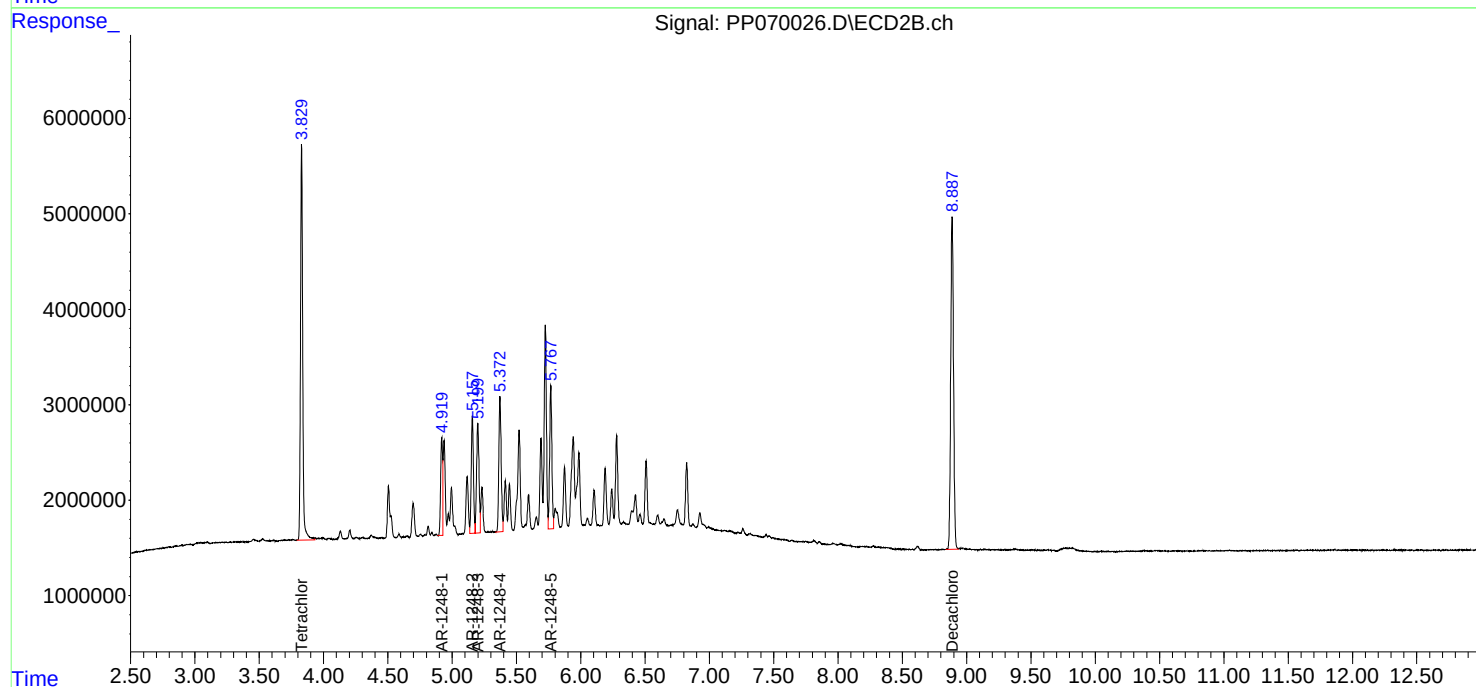
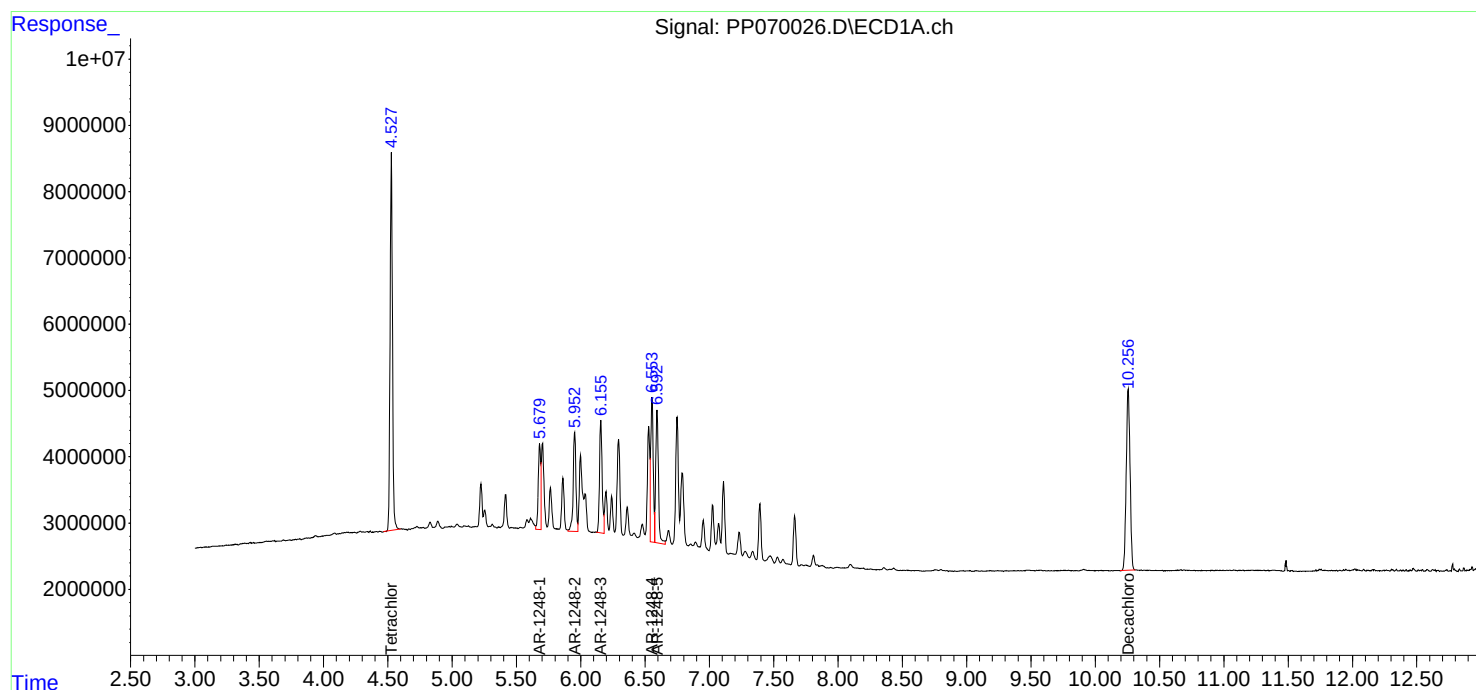
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:06
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP022425AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:38:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070027.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 23:22
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP022425AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:03:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:00:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.830	77660625	50969132	49.934	51.404
2) SA Decachlor...	10.253	8.887	58837660	53434810	48.156	46.645
Target Compounds						
26) L6 AR-1254-1	6.529	5.726	31650110	27652735	522.088	495.991
27) L6 AR-1254-2	6.745	5.874	43660673	24645815	501.928	497.108
28) L6 AR-1254-3	7.107	6.279	44651363	38791765	509.477	491.774
29) L6 AR-1254-4	7.389	6.507	36312560	25589145	494.362	471.693
30) L6 AR-1254-5	7.806	6.926	35741699	34549263	513.376	475.252

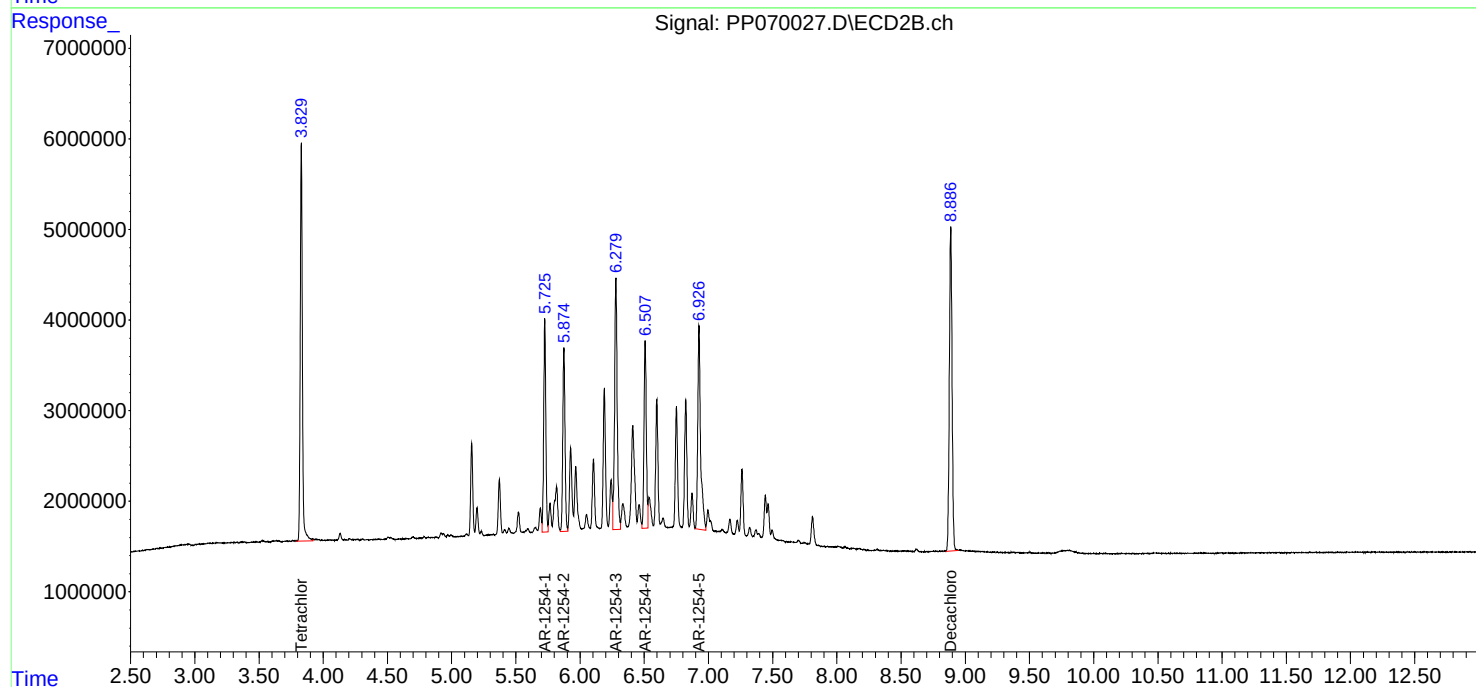
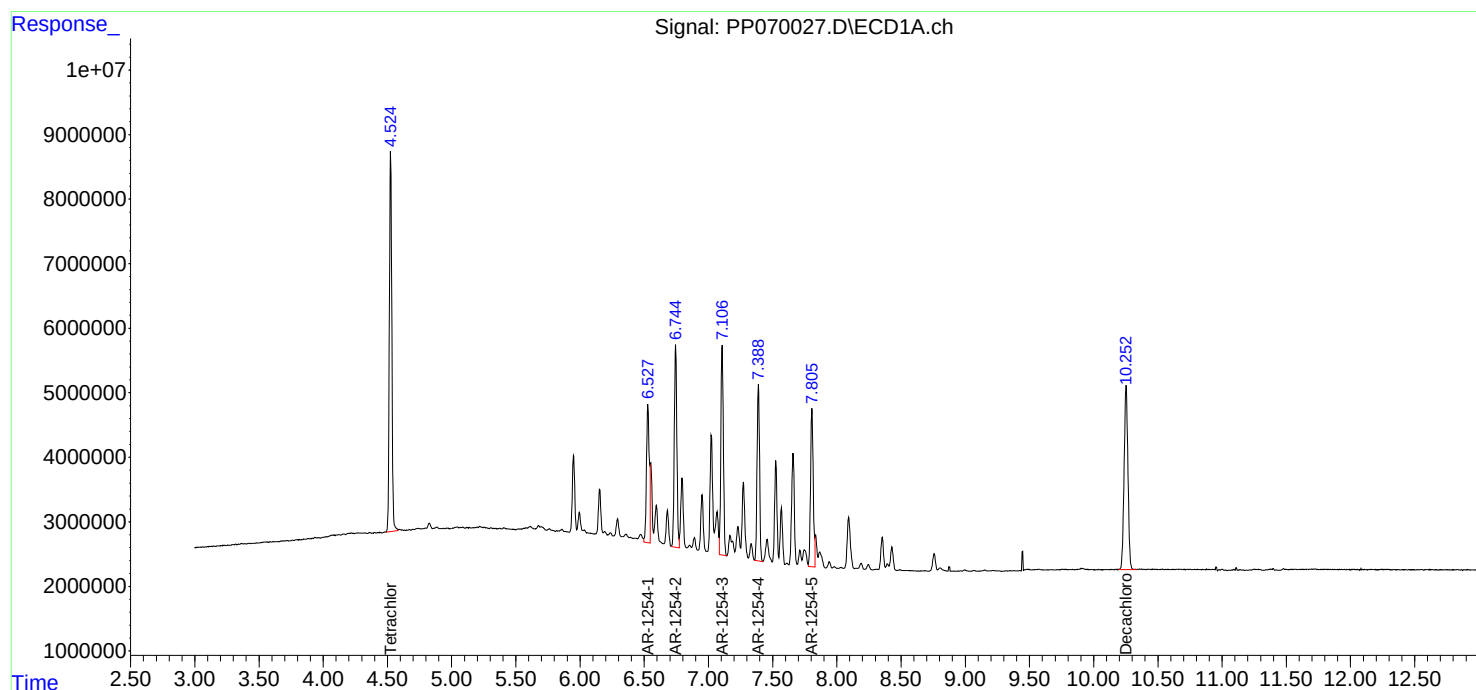
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:22
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP022425AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:03:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
 Data File : PP070028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 23:38
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP022425AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:27:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 04:25:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.829	79556222	51523954	51.906	51.737
2) SA Decachlor...	10.255	8.886	98980120	88220218	51.646	52.301
Target Compounds						
41) L9 AR-1268-1	8.746	7.749	100.1E6	81097492	517.146	508.228
42) L9 AR-1268-2	8.840	7.814	87134429	69999398	517.710	509.812
43) L9 AR-1268-3	9.073	8.021	75244319	62177289	517.546	516.121
44) L9 AR-1268-4	9.492	8.315	33263949	27975062	516.861	528.688
45) L9 AR-1268-5	9.911	8.620	214.3E6	189.4E6	512.185	550.447

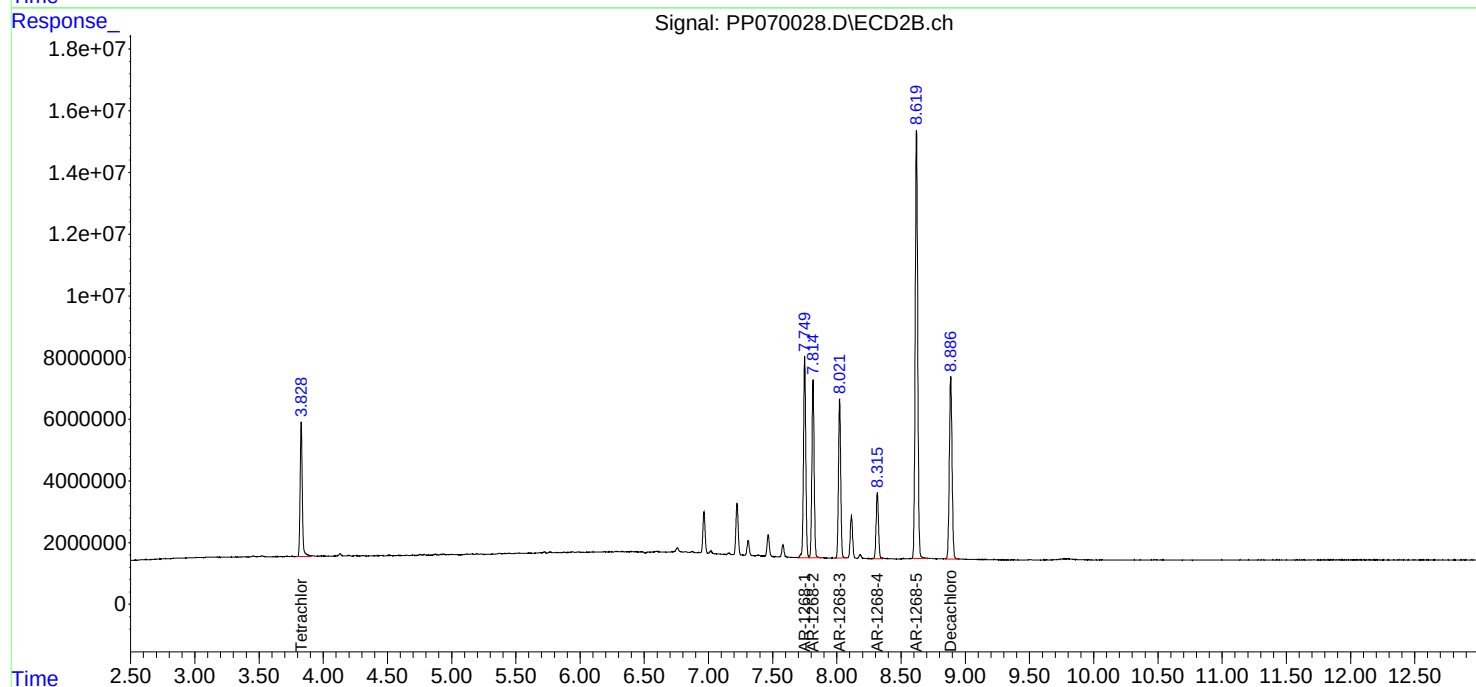
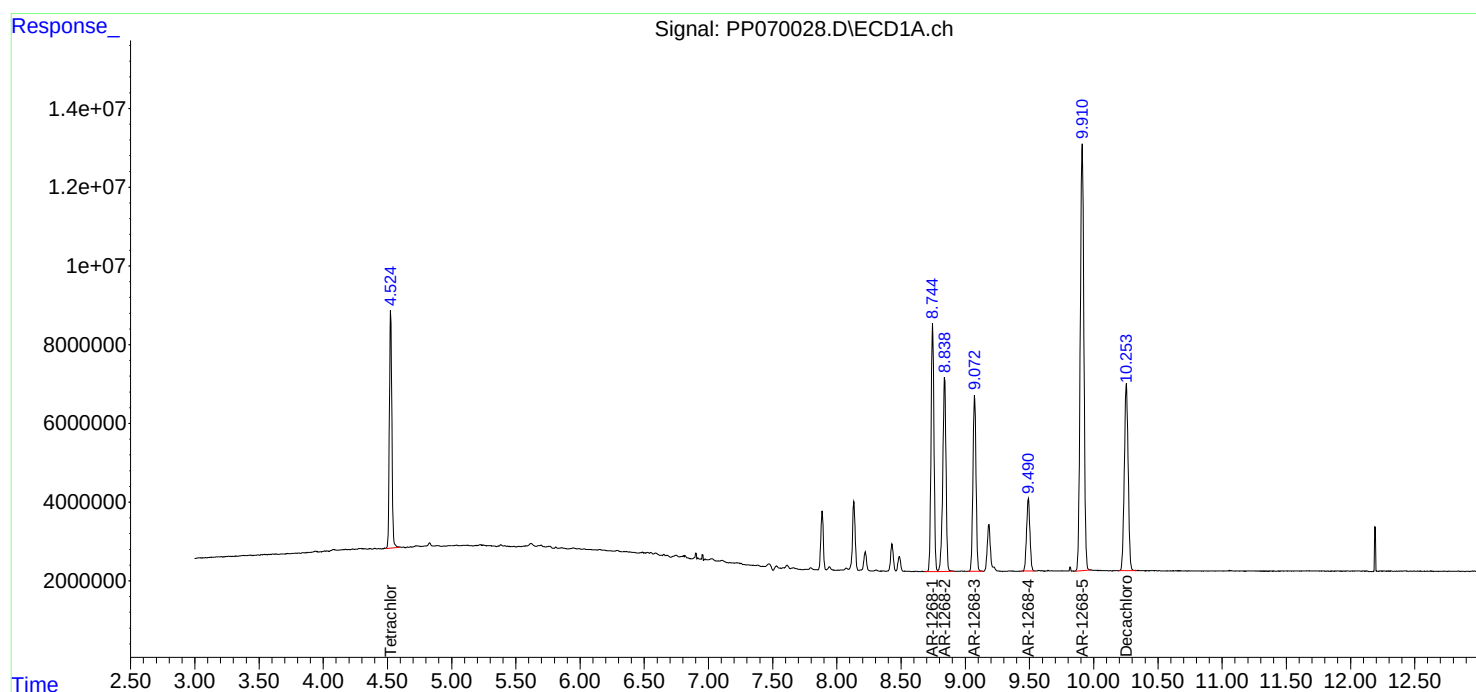
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:38
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP022425AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:27:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/27/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 17:49 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.00
Aroclor-1260-3	(3)	6.85	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.11	7.11	7.01	7.21	0.00
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.76	8.76	8.66	8.86	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/27/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 17:49 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.02	5.01	4.91	5.11	-0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.08	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.32	7.31	7.21	7.41	-0.01
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	-0.01
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL01 Date Analyzed: 02/27/2025

Lab Sample No.: AR1660CCC500 Data File : PO109533.D Time Analyzed: 17:49

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.791	4.691	4.891	506.740	500.000	1.3
Aroclor-1016-2	4.811	4.711	4.911	506.890	500.000	1.4
Aroclor-1016-3	4.867	4.767	4.967	504.160	500.000	0.8
Aroclor-1016-4	4.988	4.888	5.088	502.480	500.000	0.5
Aroclor-1016-5	5.245	5.145	5.345	480.720	500.000	-3.9
Aroclor-1260-1	6.287	6.188	6.388	476.100	500.000	-4.8
Aroclor-1260-2	6.476	6.377	6.577	466.060	500.000	-6.8
Aroclor-1260-3	6.845	6.746	6.946	439.850	500.000	-12.0
Aroclor-1260-4	7.105	7.005	7.205	434.850	500.000	-13.0
Aroclor-1260-5	7.347	7.247	7.447	428.000	500.000	-14.4
Decachlorobiphenyl	8.756	8.657	8.857	39.490	50.000	-21.0
Tetrachloro-m-xylene	3.697	3.598	3.798	49.320	50.000	-1.4



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL01 Date Analyzed: 02/27/2025

Lab Sample No.: AR1660CCC500 Data File : PO109533.D Time Analyzed: 17:49

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.779	4.678	4.878	553.210	500.000	10.6
Aroclor-1016-2	4.799	4.697	4.897	559.460	500.000	11.9
Aroclor-1016-3	4.974	4.872	5.072	559.210	500.000	11.8
Aroclor-1016-4	5.016	4.914	5.114	537.920	500.000	7.6
Aroclor-1016-5	5.229	5.127	5.327	534.530	500.000	6.9
Aroclor-1260-1	6.263	6.161	6.361	500.020	500.000	0.0
Aroclor-1260-2	6.450	6.348	6.548	504.790	500.000	1.0
Aroclor-1260-3	6.603	6.502	6.702	495.560	500.000	-0.9
Aroclor-1260-4	7.075	6.974	7.174	480.720	500.000	-3.9
Aroclor-1260-5	7.316	7.214	7.414	501.850	500.000	0.4
Decachlorobiphenyl	8.708	8.607	8.807	46.250	50.000	-7.5
Tetrachloro-m-xylene	3.696	3.594	3.794	54.640	50.000	9.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022725\
 Data File : P0109533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 17:49
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 03:21:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.696	466.8E6	286.0E6	49.321	54.644
2) SA Decachlor...	8.756	8.708	339.7E6	147.3E6	39.489	46.246
Target Compounds						
3) L1 AR-1016-1	4.791	4.779	156.2E6	86394694	506.735	553.207
4) L1 AR-1016-2	4.811	4.799	213.4E6	121.1E6	506.893	559.462
5) L1 AR-1016-3	4.867	4.974	149.1E6	66798607	504.155	559.212
6) L1 AR-1016-4	4.988	5.016	116.5E6	55981902	502.483	537.923
7) L1 AR-1016-5	5.245	5.229	124.1E6	72831025	480.716	534.526
31) L7 AR-1260-1	6.287	6.263	221.9E6	118.5E6	476.105	500.018
32) L7 AR-1260-2	6.476	6.450	263.4E6	138.9E6	466.058	504.792
33) L7 AR-1260-3	6.845	6.603	209.2E6	126.4E6	439.845	495.562
34) L7 AR-1260-4	7.105	7.075	187.7E6	99119965	434.855	480.716
35) L7 AR-1260-5	7.347	7.316	425.4E6	224.7E6	428.001	501.850

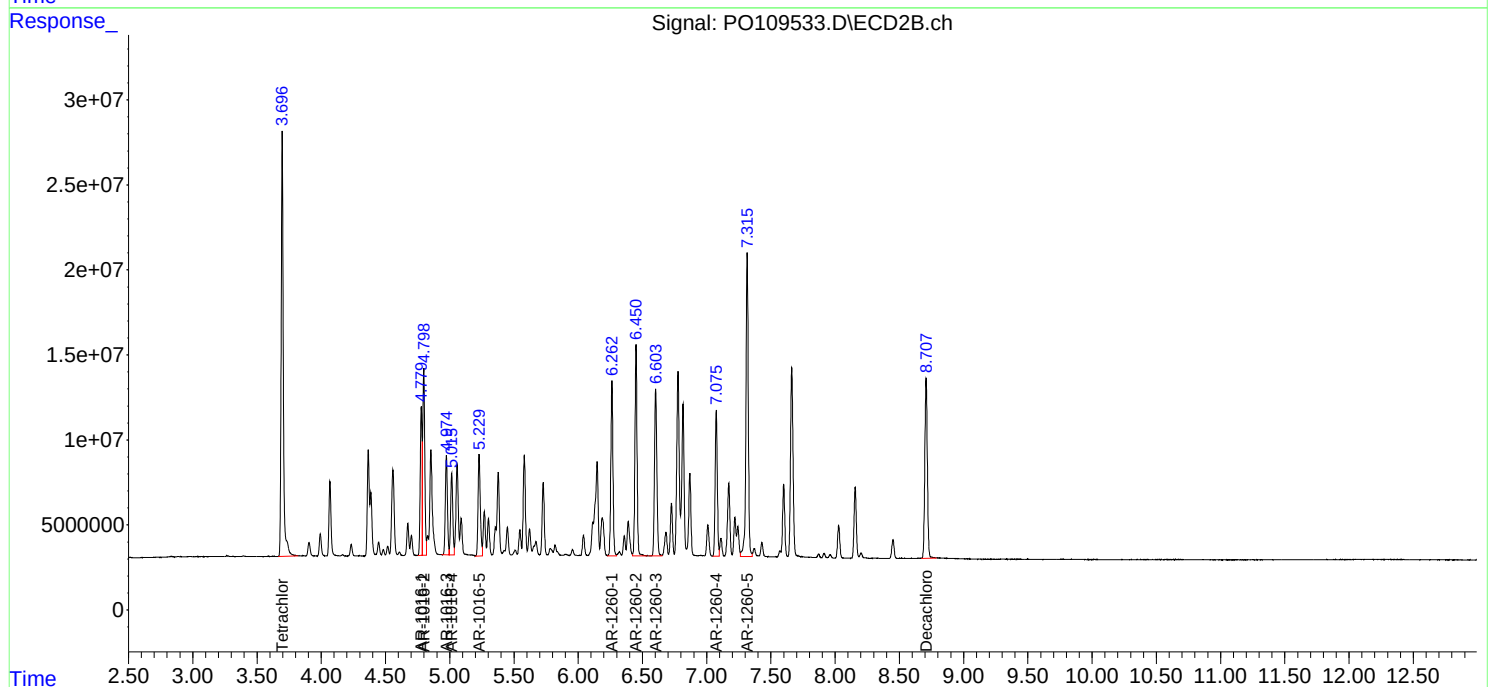
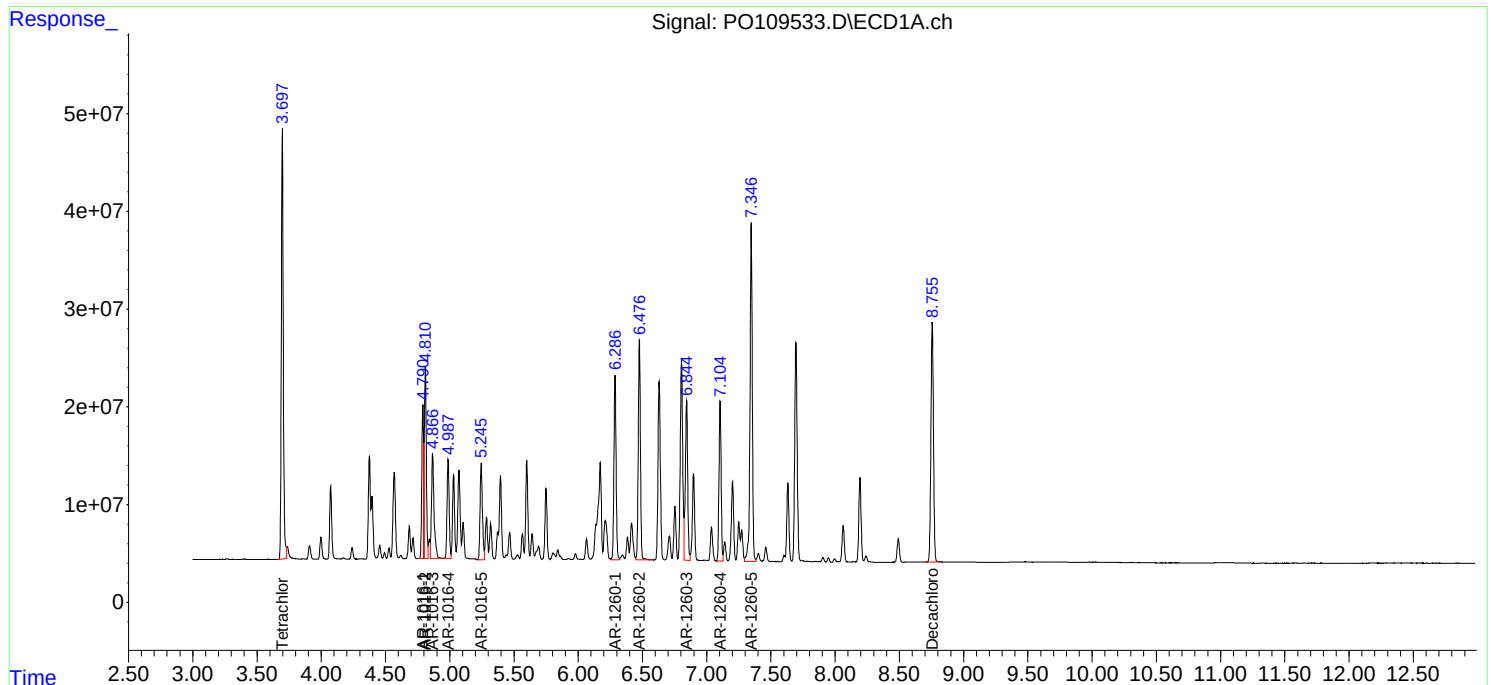
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 17:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/28/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 00:02 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.00
Aroclor-1260-3	(3)	6.85	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.11	7.11	7.01	7.21	0.00
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.76	8.76	8.66	8.86	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/28/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 00:02 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.02	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.08	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.32	7.31	7.21	7.41	-0.01
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL02 Date Analyzed: 02/28/2025

Lab Sample No.: AR1660CCC500 Data File : PO109548.D Time Analyzed: 00:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.792	4.691	4.891	495.600	500.000	-0.9
Aroclor-1016-2	4.811	4.711	4.911	499.510	500.000	-0.1
Aroclor-1016-3	4.867	4.767	4.967	491.200	500.000	-1.8
Aroclor-1016-4	4.988	4.888	5.088	487.140	500.000	-2.6
Aroclor-1016-5	5.245	5.145	5.345	478.990	500.000	-4.2
Aroclor-1260-1	6.288	6.188	6.388	473.590	500.000	-5.3
Aroclor-1260-2	6.476	6.377	6.577	444.830	500.000	-11.0
Aroclor-1260-3	6.845	6.746	6.946	422.900	500.000	-15.4
Aroclor-1260-4	7.105	7.005	7.205	421.070	500.000	-15.8
Aroclor-1260-5	7.347	7.247	7.447	428.290	500.000	-14.3
Decachlorobiphenyl	8.755	8.657	8.857	39.430	50.000	-21.1
Tetrachloro-m-xylene	3.698	3.598	3.798	49.160	50.000	-1.7



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL02 Date Analyzed: 02/28/2025

Lab Sample No.: AR1660CCC500 Data File : PO109548.D Time Analyzed: 00:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.779	4.678	4.878	550.950	500.000	10.2
Aroclor-1016-2	4.798	4.697	4.897	554.860	500.000	11.0
Aroclor-1016-3	4.974	4.872	5.072	550.190	500.000	10.0
Aroclor-1016-4	5.015	4.914	5.114	513.690	500.000	2.7
Aroclor-1016-5	5.229	5.127	5.327	539.180	500.000	7.8
Aroclor-1260-1	6.262	6.161	6.361	504.870	500.000	1.0
Aroclor-1260-2	6.449	6.348	6.548	505.070	500.000	1.0
Aroclor-1260-3	6.603	6.502	6.702	493.490	500.000	-1.3
Aroclor-1260-4	7.075	6.974	7.174	488.450	500.000	-2.3
Aroclor-1260-5	7.315	7.214	7.414	496.860	500.000	-0.6
Decachlorobiphenyl	8.708	8.607	8.807	45.170	50.000	-9.7
Tetrachloro-m-xylene	3.695	3.594	3.794	54.270	50.000	8.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022725\
 Data File : P0109548.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 00:02
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 03:27:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.698	3.695	465.3E6	284.1E6	49.162	54.270
2) SA Decachlor...	8.755	8.708	339.2E6	143.8E6	39.429	45.168
Target Compounds						
3) L1 AR-1016-1	4.792	4.779	152.8E6	86042352	495.601	550.951
4) L1 AR-1016-2	4.811	4.798	210.3E6	120.1E6	499.509	554.856
5) L1 AR-1016-3	4.867	4.974	145.3E6	65720662	491.201	550.188
6) L1 AR-1016-4	4.988	5.015	112.9E6	53460503	487.145	513.695
7) L1 AR-1016-5	5.245	5.229	123.7E6	73465605	478.985	539.183
31) L7 AR-1260-1	6.288	6.262	220.8E6	119.6E6	473.590	504.871
32) L7 AR-1260-2	6.476	6.449	251.4E6	139.0E6	444.835	505.066
33) L7 AR-1260-3	6.845	6.603	201.2E6	125.9E6	422.901	493.494
34) L7 AR-1260-4	7.105	7.075	181.7E6	100.7E6	421.066	488.451
35) L7 AR-1260-5	7.347	7.315	425.7E6	222.5E6	428.293	496.858

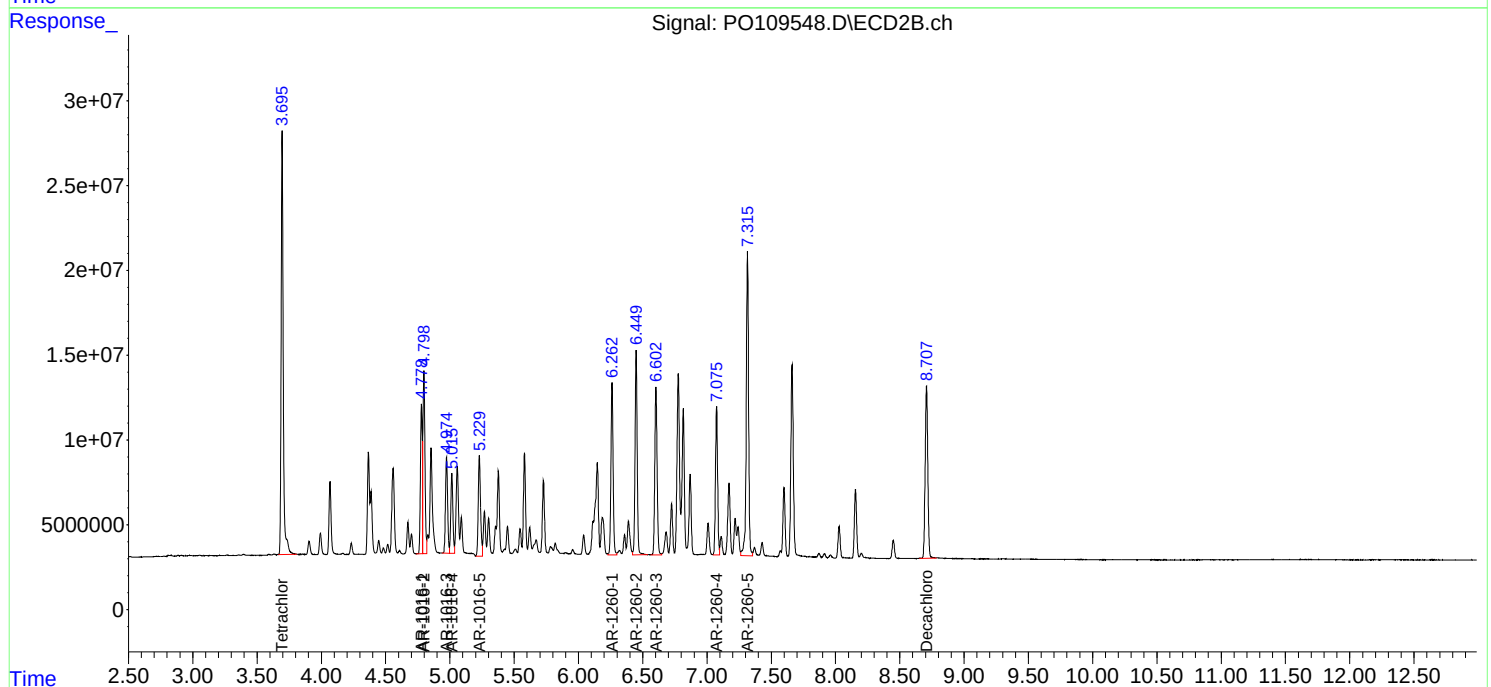
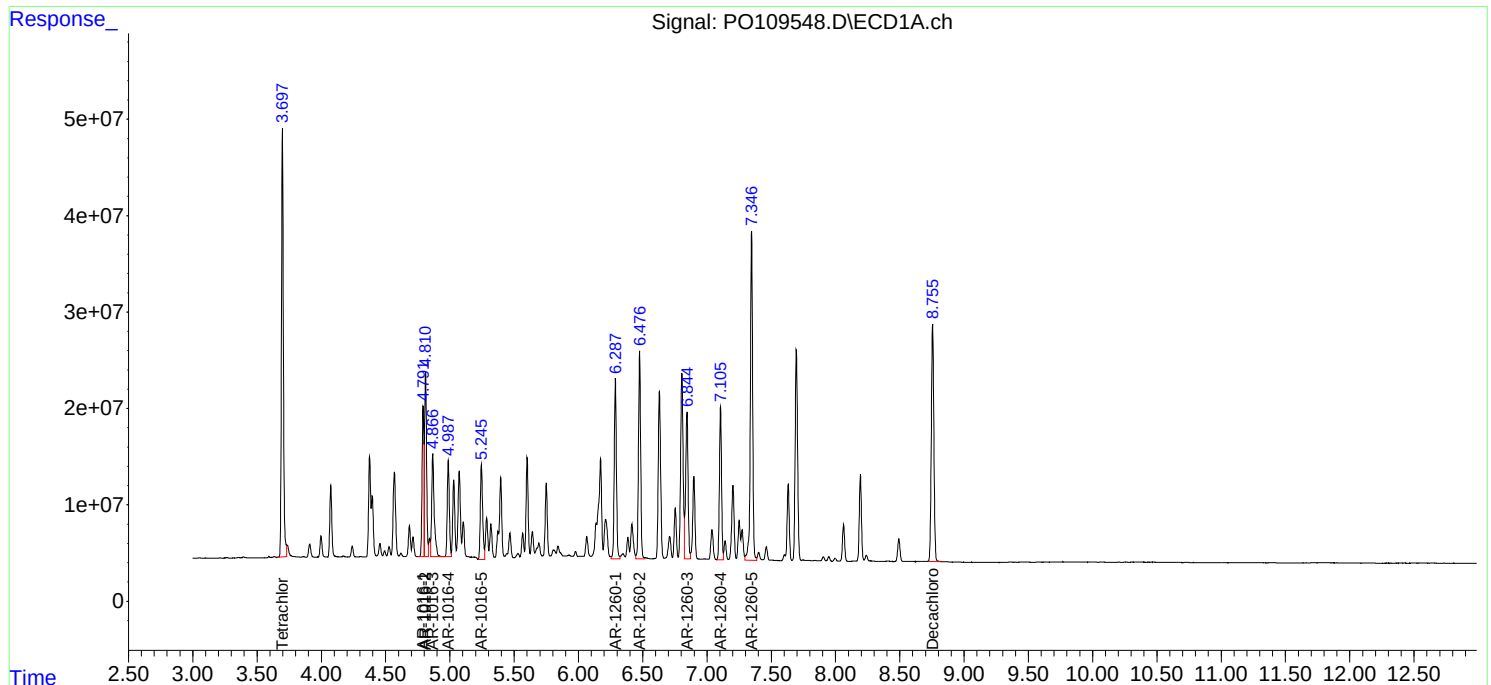
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 00:02
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:27:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/28/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 08:19 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/28/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 08:19 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.02	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL03 Date Analyzed: 02/28/2025

Lab Sample No.: AR1660CCC500 Data File : PO109573.D Time Analyzed: 08:19

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.790	4.691	4.891	529.190	500.000	5.8
Aroclor-1016-2	4.810	4.711	4.911	531.530	500.000	6.3
Aroclor-1016-3	4.866	4.767	4.967	525.270	500.000	5.1
Aroclor-1016-4	4.987	4.888	5.088	527.920	500.000	5.6
Aroclor-1016-5	5.245	5.145	5.345	524.260	500.000	4.9
Aroclor-1260-1	6.287	6.188	6.388	490.460	500.000	-1.9
Aroclor-1260-2	6.475	6.377	6.577	480.290	500.000	-3.9
Aroclor-1260-3	6.843	6.746	6.946	459.530	500.000	-8.1
Aroclor-1260-4	7.104	7.005	7.205	451.610	500.000	-9.7
Aroclor-1260-5	7.346	7.247	7.447	455.290	500.000	-8.9
Decachlorobiphenyl	8.753	8.657	8.857	40.920	50.000	-18.2
Tetrachloro-m-xylene	3.697	3.598	3.798	51.950	50.000	3.9



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL03 Date Analyzed: 02/28/2025

Lab Sample No.: AR1660CCC500 Data File : PO109573.D Time Analyzed: 08:19

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.778	4.678	4.878	577.940	500.000	15.6
Aroclor-1016-2	4.797	4.697	4.897	583.390	500.000	16.7
Aroclor-1016-3	4.973	4.872	5.072	581.840	500.000	16.4
Aroclor-1016-4	5.015	4.914	5.114	541.010	500.000	8.2
Aroclor-1016-5	5.228	5.127	5.327	573.250	500.000	14.7
Aroclor-1260-1	6.261	6.161	6.361	527.680	500.000	5.5
Aroclor-1260-2	6.448	6.348	6.548	528.180	500.000	5.6
Aroclor-1260-3	6.602	6.502	6.702	518.000	500.000	3.6
Aroclor-1260-4	7.073	6.974	7.174	506.710	500.000	1.3
Aroclor-1260-5	7.314	7.214	7.414	519.610	500.000	3.9
Decachlorobiphenyl	8.706	8.607	8.807	46.420	50.000	-7.2
Tetrachloro-m-xylene	3.695	3.594	3.794	56.940	50.000	13.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022725\
 Data File : P0109573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 08:19
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 08:48:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.695	491.7E6	298.0E6	51.947	56.938
2) SA Decachlor...	8.753	8.706	352.0E6	147.8E6	40.923	46.421
Target Compounds						
3) L1 AR-1016-1	4.790	4.778	163.1E6	90257617	529.186	577.943
4) L1 AR-1016-2	4.810	4.797	223.8E6	126.3E6	531.529	583.395
5) L1 AR-1016-3	4.866	4.973	155.4E6	69501126	525.274	581.837
6) L1 AR-1016-4	4.987	5.015	122.4E6	56303446	527.923	541.012
7) L1 AR-1016-5	5.245	5.228	135.4E6	78107054	524.264	573.248
31) L7 AR-1260-1	6.287	6.261	228.6E6	125.0E6	490.460	527.676
32) L7 AR-1260-2	6.475	6.448	271.4E6	145.3E6	480.291	528.176
33) L7 AR-1260-3	6.843	6.602	218.6E6	132.1E6	459.527	517.999
34) L7 AR-1260-4	7.104	7.073	194.9E6	104.5E6	451.614	506.709
35) L7 AR-1260-5	7.346	7.314	452.5E6	232.7E6	455.292	519.609

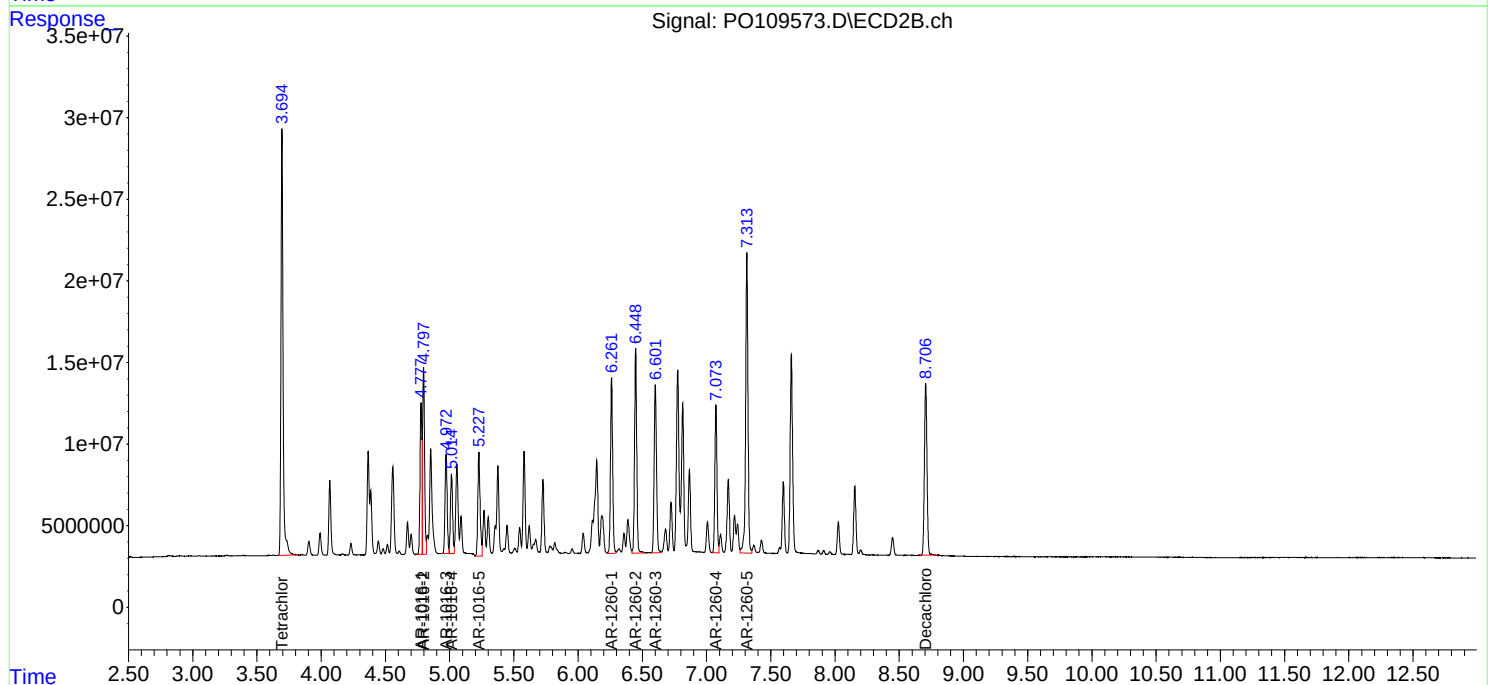
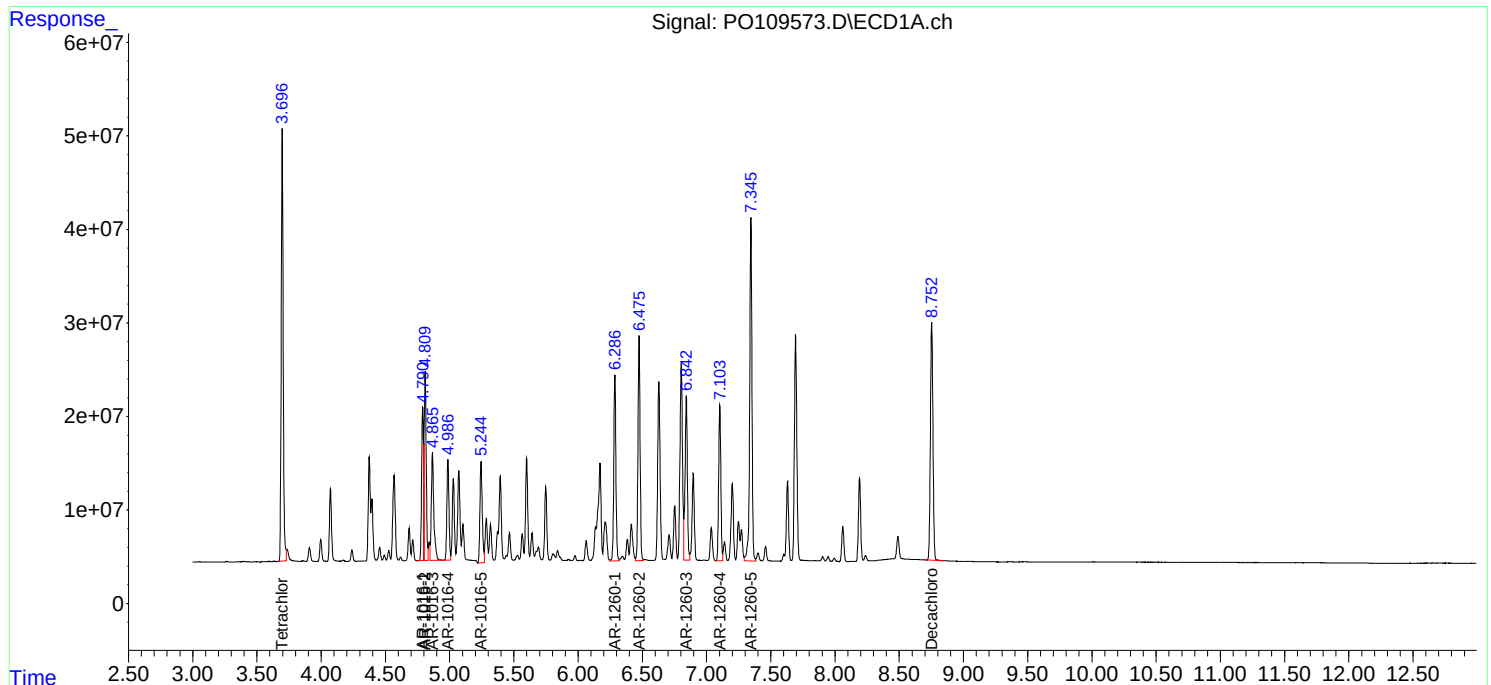
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/28/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 10:00 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/28/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 10:00 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.02	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL04 Date Analyzed: 02/28/2025

Lab Sample No.: AR1660CC500 Data File : PO109577.D Time Analyzed: 10:00

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.790	4.691	4.891	538.300	500.000	7.7
Aroclor-1016-2	4.810	4.711	4.911	544.480	500.000	8.9
Aroclor-1016-3	4.866	4.767	4.967	537.090	500.000	7.4
Aroclor-1016-4	4.986	4.888	5.088	543.410	500.000	8.7
Aroclor-1016-5	5.244	5.145	5.345	546.860	500.000	9.4
Aroclor-1260-1	6.286	6.188	6.388	506.170	500.000	1.2
Aroclor-1260-2	6.475	6.377	6.577	493.750	500.000	-1.3
Aroclor-1260-3	6.843	6.746	6.946	478.310	500.000	-4.3
Aroclor-1260-4	7.104	7.005	7.205	473.550	500.000	-5.3
Aroclor-1260-5	7.346	7.247	7.447	484.160	500.000	-3.2
Decachlorobiphenyl	8.753	8.657	8.857	43.040	50.000	-13.9
Tetrachloro-m-xylene	3.696	3.598	3.798	52.980	50.000	6.0



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL04 Date Analyzed: 02/28/2025

Lab Sample No.: AR1660CC500 Data File : PO109577.D Time Analyzed: 10:00

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.778	4.678	4.878	583.040	500.000	16.6
Aroclor-1016-2	4.797	4.697	4.897	587.910	500.000	17.6
Aroclor-1016-3	4.972	4.872	5.072	583.900	500.000	16.8
Aroclor-1016-4	5.015	4.914	5.114	538.110	500.000	7.6
Aroclor-1016-5	5.227	5.127	5.327	586.400	500.000	17.3
Aroclor-1260-1	6.261	6.161	6.361	552.380	500.000	10.5
Aroclor-1260-2	6.448	6.348	6.548	556.350	500.000	11.3
Aroclor-1260-3	6.601	6.502	6.702	537.920	500.000	7.6
Aroclor-1260-4	7.074	6.974	7.174	527.160	500.000	5.4
Aroclor-1260-5	7.314	7.214	7.414	543.250	500.000	8.7
Decachlorobiphenyl	8.705	8.607	8.807	47.720	50.000	-4.6
Tetrachloro-m-xylene	3.694	3.594	3.794	57.460	50.000	14.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022725\
 Data File : P0109577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 10:00
 Operator : YP/AJ
 Sample : AR1660CC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:34:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	501.4E6	300.7E6	52.977	57.455
2) SA Decachlor...	8.753	8.705	370.2E6	152.0E6	43.042	47.724
Target Compounds						
3) L1 AR-1016-1	4.790	4.778	166.0E6	91052961	538.296	583.035
4) L1 AR-1016-2	4.810	4.797	229.2E6	127.2E6	544.478	587.908
5) L1 AR-1016-3	4.866	4.972	158.9E6	69748140	537.085	583.905
6) L1 AR-1016-4	4.986	5.015	126.0E6	56000972	543.411	538.106
7) L1 AR-1016-5	5.244	5.227	141.2E6	79898405	546.860	586.395
31) L7 AR-1260-1	6.286	6.261	235.9E6	130.9E6	506.170	552.384
32) L7 AR-1260-2	6.475	6.448	279.0E6	153.1E6	493.749	556.348
33) L7 AR-1260-3	6.843	6.601	227.5E6	137.2E6	478.315	537.921
34) L7 AR-1260-4	7.104	7.074	204.4E6	108.7E6	473.546	527.162
35) L7 AR-1260-5	7.346	7.314	481.2E6	243.3E6	484.163	543.246

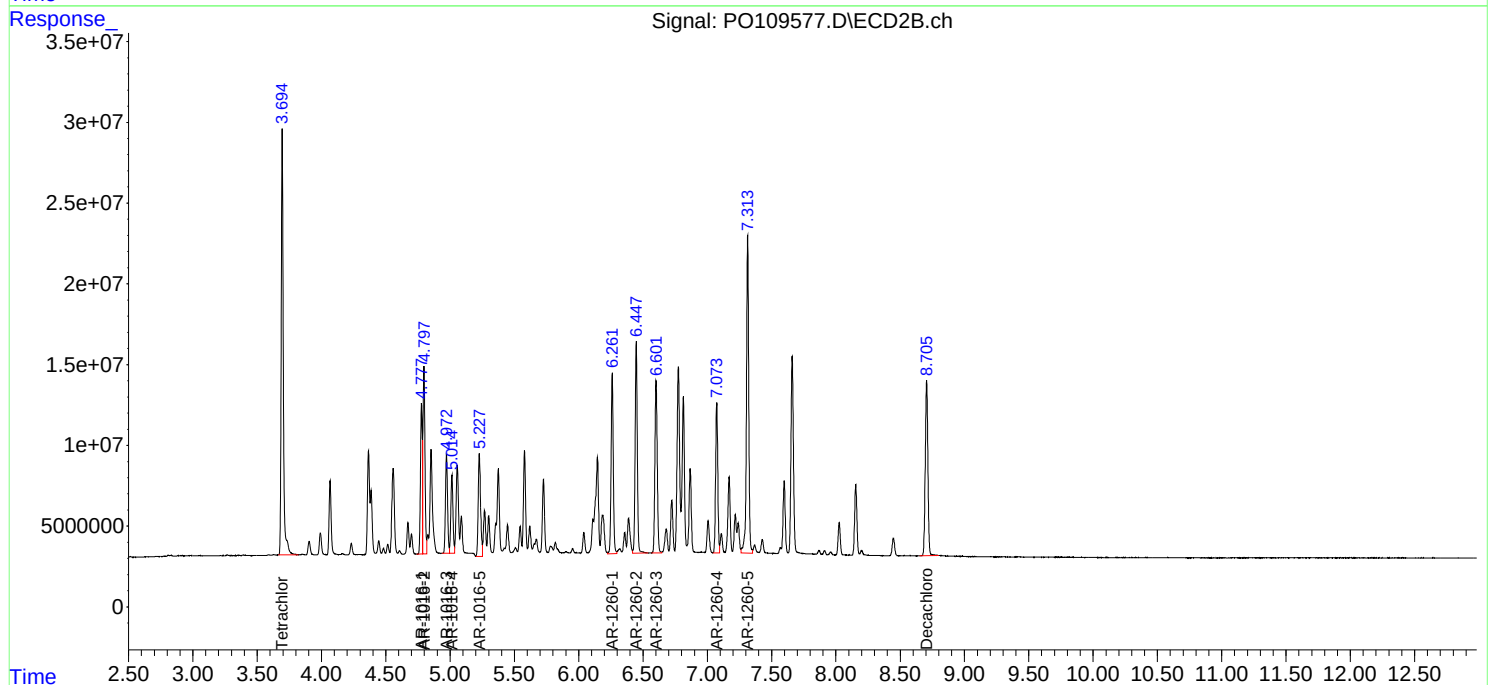
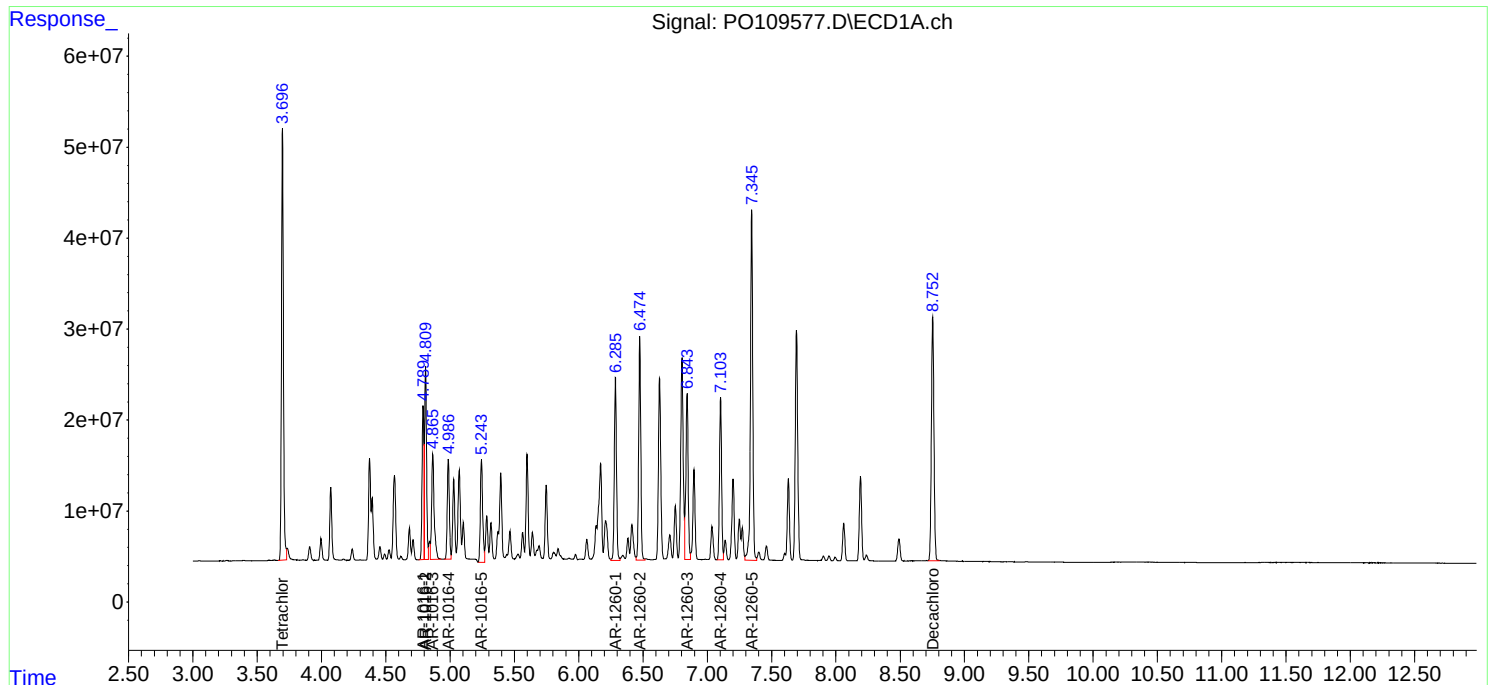
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 10:00
Operator : YP/AJ
Sample : AR1660CC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:34:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/28/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 18:46 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 02/28/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 18:46 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL05 Date Analyzed: 02/28/2025

Lab Sample No.: AR1660CCC500 Data File : PO109600.D Time Analyzed: 18:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.790	4.691	4.891	536.470	500.000	7.3
Aroclor-1016-2	4.810	4.711	4.911	541.680	500.000	8.3
Aroclor-1016-3	4.866	4.767	4.967	537.630	500.000	7.5
Aroclor-1016-4	4.987	4.888	5.088	539.760	500.000	8.0
Aroclor-1016-5	5.245	5.145	5.345	539.990	500.000	8.0
Aroclor-1260-1	6.287	6.188	6.388	515.020	500.000	3.0
Aroclor-1260-2	6.475	6.377	6.577	506.140	500.000	1.2
Aroclor-1260-3	6.844	6.746	6.946	497.740	500.000	-0.5
Aroclor-1260-4	7.104	7.005	7.205	496.350	500.000	-0.7
Aroclor-1260-5	7.346	7.247	7.447	504.120	500.000	0.8
Decachlorobiphenyl	8.754	8.657	8.857	45.080	50.000	-9.8
Tetrachloro-m-xylene	3.697	3.598	3.798	52.340	50.000	4.7



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL05 Date Analyzed: 02/28/2025

Lab Sample No.: AR1660CCC500 Data File : PO109600.D Time Analyzed: 18:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.777	4.678	4.878	562.880	500.000	12.6
Aroclor-1016-2	4.796	4.697	4.897	578.530	500.000	15.7
Aroclor-1016-3	4.972	4.872	5.072	571.850	500.000	14.4
Aroclor-1016-4	5.014	4.914	5.114	536.120	500.000	7.2
Aroclor-1016-5	5.228	5.127	5.327	564.540	500.000	12.9
Aroclor-1260-1	6.261	6.161	6.361	542.060	500.000	8.4
Aroclor-1260-2	6.448	6.348	6.548	548.120	500.000	9.6
Aroclor-1260-3	6.601	6.502	6.702	534.630	500.000	6.9
Aroclor-1260-4	7.073	6.974	7.174	528.860	500.000	5.8
Aroclor-1260-5	7.313	7.214	7.414	547.960	500.000	9.6
Decachlorobiphenyl	8.706	8.607	8.807	48.890	50.000	-2.2
Tetrachloro-m-xylene	3.695	3.594	3.794	55.890	50.000	11.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022825\
 Data File : P0109600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 18:46
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 00:27:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.695	495.4E6	292.5E6	52.340	55.887
2) SA Decachlor...	8.754	8.706	387.8E6	155.7E6	45.080	48.889
Target Compounds						
3) L1 AR-1016-1	4.790	4.777	165.4E6	87905485	536.472	562.881
4) L1 AR-1016-2	4.810	4.796	228.1E6	125.2E6	541.678	578.534
5) L1 AR-1016-3	4.866	4.972	159.0E6	68308748	537.629	571.855
6) L1 AR-1016-4	4.987	5.014	125.1E6	55794491	539.761	536.122
7) L1 AR-1016-5	5.245	5.228	139.4E6	76920024	539.989	564.536
31) L7 AR-1260-1	6.287	6.261	240.1E6	128.4E6	515.022	542.062
32) L7 AR-1260-2	6.475	6.448	286.0E6	150.8E6	506.137	548.124
33) L7 AR-1260-3	6.844	6.601	236.8E6	136.4E6	497.737	534.635
34) L7 AR-1260-4	7.104	7.073	214.2E6	109.0E6	496.345	528.857
35) L7 AR-1260-5	7.346	7.313	501.0E6	245.4E6	504.120	547.961

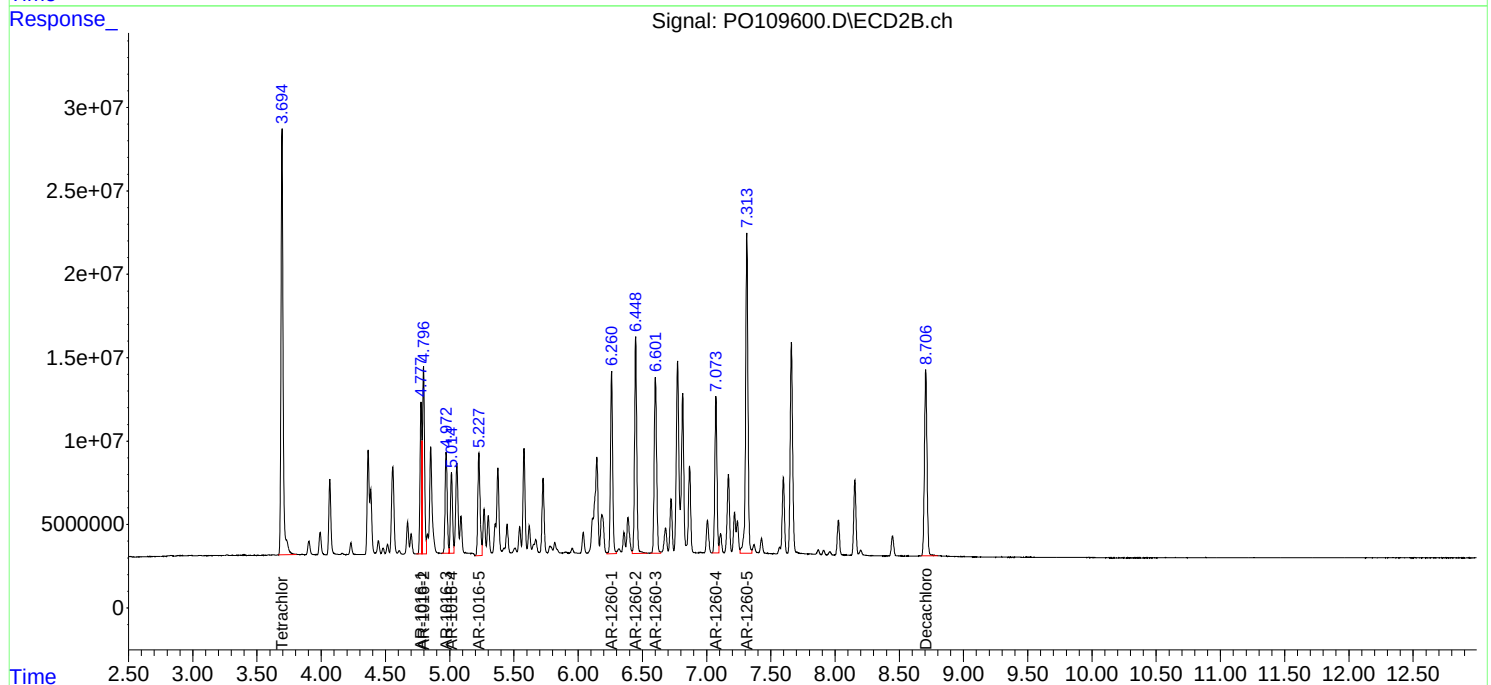
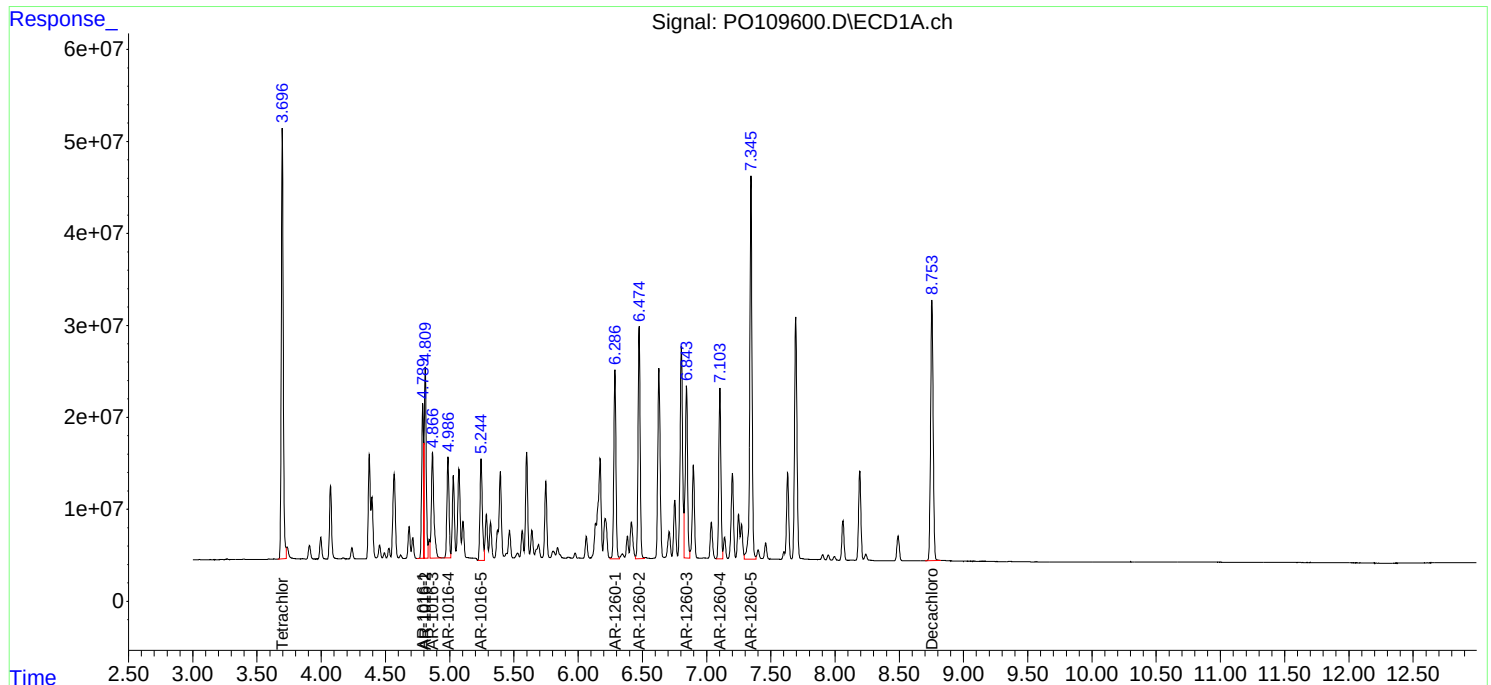
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 18:46
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:27:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/01/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 01:30 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/01/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 01:30 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.02	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL06 Date Analyzed: 03/01/2025

Lab Sample No.: AR1660CCC500 Data File : PO109619.D Time Analyzed: 01:30

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.790	4.691	4.891	530.850	500.000	6.2
Aroclor-1016-2	4.810	4.711	4.911	536.210	500.000	7.2
Aroclor-1016-3	4.867	4.767	4.967	530.370	500.000	6.1
Aroclor-1016-4	4.987	4.888	5.088	533.410	500.000	6.7
Aroclor-1016-5	5.244	5.145	5.345	511.520	500.000	2.3
Aroclor-1260-1	6.287	6.188	6.388	522.890	500.000	4.6
Aroclor-1260-2	6.475	6.377	6.577	512.790	500.000	2.6
Aroclor-1260-3	6.844	6.746	6.946	505.270	500.000	1.1
Aroclor-1260-4	7.104	7.005	7.205	505.470	500.000	1.1
Aroclor-1260-5	7.346	7.247	7.447	509.860	500.000	2.0
Decachlorobiphenyl	8.754	8.657	8.857	46.440	50.000	-7.1
Tetrachloro-m-xylene	3.697	3.598	3.798	51.630	50.000	3.3



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL06 Date Analyzed: 03/01/2025

Lab Sample No.: AR1660CCC500 Data File : PO109619.D Time Analyzed: 01:30

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.778	4.678	4.878	557.620	500.000	11.5
Aroclor-1016-2	4.797	4.697	4.897	565.540	500.000	13.1
Aroclor-1016-3	4.973	4.872	5.072	562.850	500.000	12.6
Aroclor-1016-4	5.015	4.914	5.114	513.850	500.000	2.8
Aroclor-1016-5	5.228	5.127	5.327	535.890	500.000	7.2
Aroclor-1260-1	6.261	6.161	6.361	542.240	500.000	8.4
Aroclor-1260-2	6.449	6.348	6.548	547.770	500.000	9.6
Aroclor-1260-3	6.602	6.502	6.702	532.520	500.000	6.5
Aroclor-1260-4	7.074	6.974	7.174	528.040	500.000	5.6
Aroclor-1260-5	7.314	7.214	7.414	547.710	500.000	9.5
Decachlorobiphenyl	8.707	8.607	8.807	49.150	50.000	-1.7
Tetrachloro-m-xylene	3.695	3.594	3.794	54.710	50.000	9.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022825\
 Data File : PO109619.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Mar 2025 01:30
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/03/2025
 Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 04:45:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.697	3.695	488.7E6	286.4E6	51.630	54.712
2)	SA Decachlor...	8.754	8.707	399.4E6	156.5E6	46.436	49.153
Target Compounds							
3)	L1 AR-1016-1	4.790	4.778	163.7E6	87084069	530.849	557.622
4)	L1 AR-1016-2	4.810	4.797	225.8E6	122.4E6	536.214	565.536
5)	L1 AR-1016-3	4.867	4.973	156.9E6	67233536	530.373	562.854
6)	L1 AR-1016-4	4.987	5.015	123.6E6	53476366	533.412	513.847
7)	L1 AR-1016-5	5.244	5.228	132.1E6	73016637	511.515m	535.888m
31)	L7 AR-1260-1	6.287	6.261	243.7E6	128.5E6	522.893	542.236
32)	L7 AR-1260-2	6.475	6.449	289.8E6	150.7E6	512.795	547.770
33)	L7 AR-1260-3	6.844	6.602	240.3E6	135.8E6	505.275	532.521
34)	L7 AR-1260-4	7.104	7.074	218.2E6	108.9E6	505.473	528.037
35)	L7 AR-1260-5	7.346	7.314	506.7E6	245.3E6	509.859	547.707

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2025 01:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

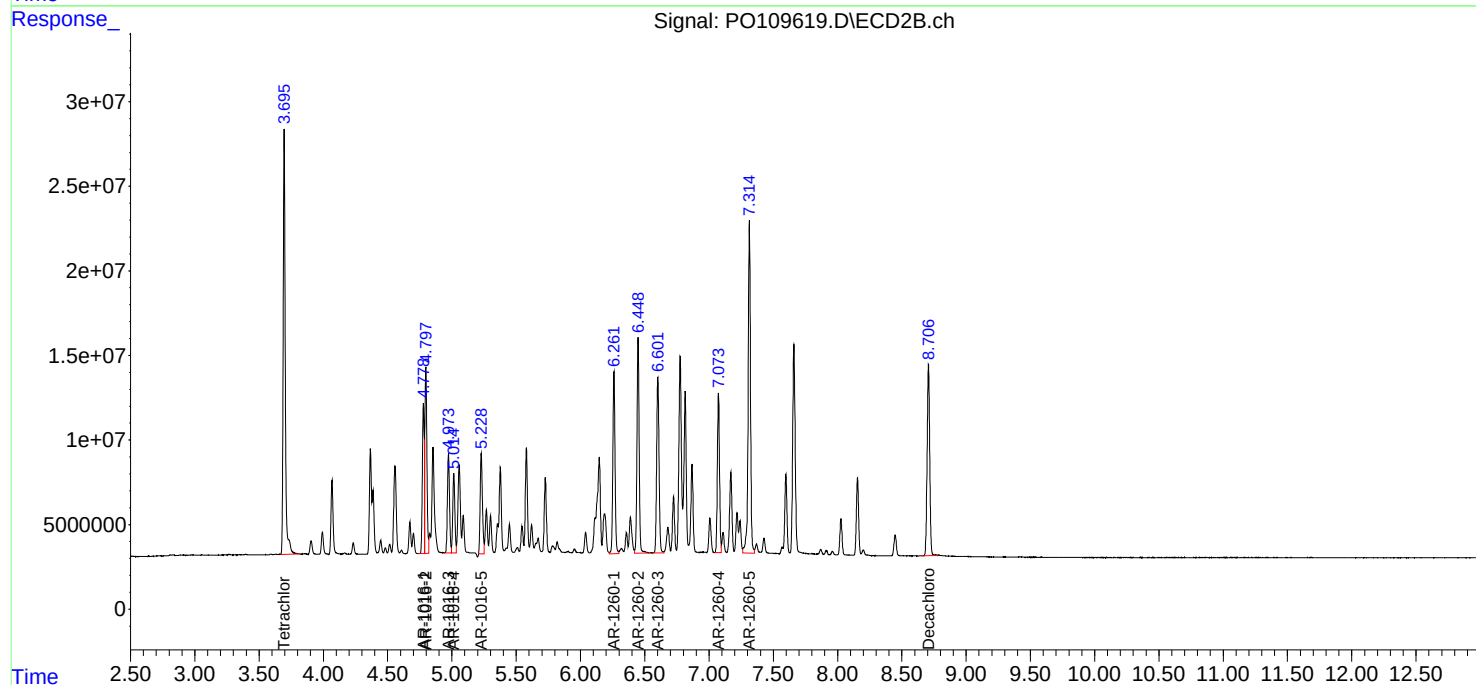
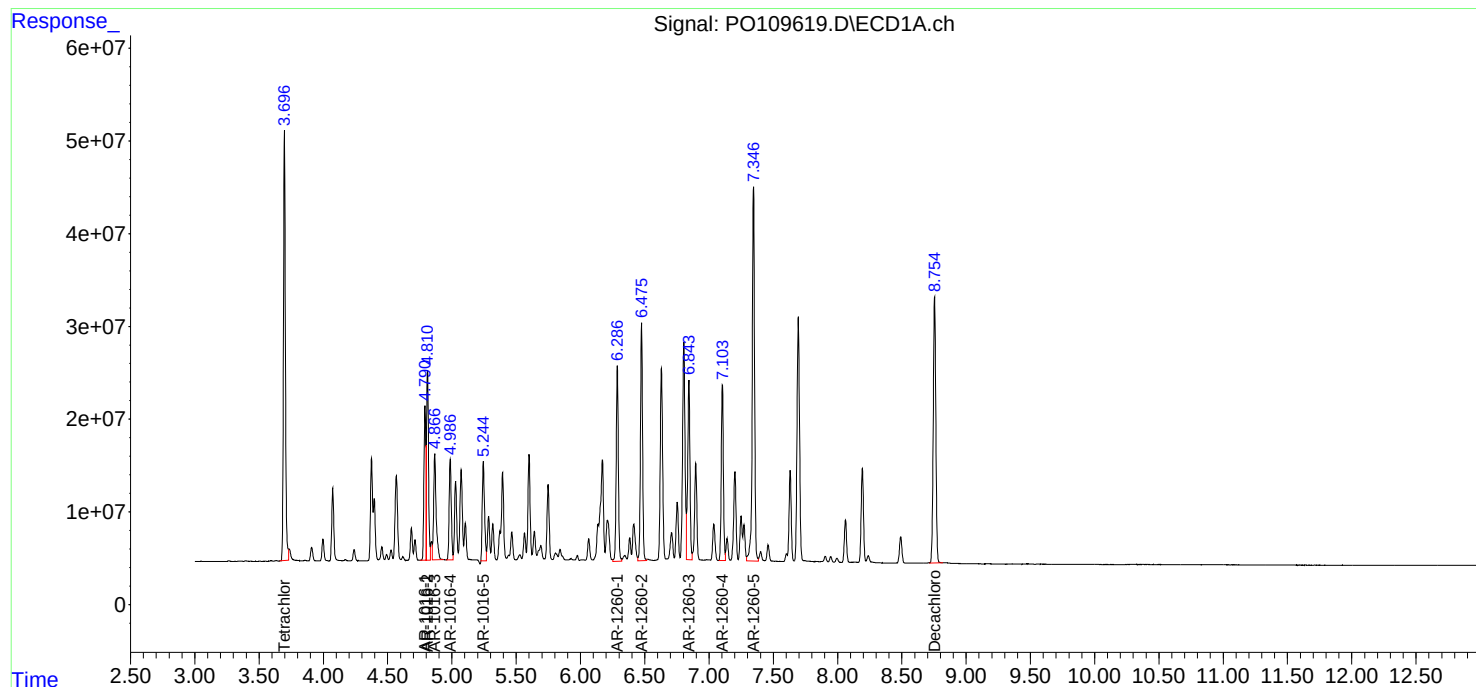
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 04:45:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 16:11 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.00
Aroclor-1260-3	(3)	6.85	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.11	7.11	7.01	7.21	0.00
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.76	8.76	8.66	8.86	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 16:11 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.02	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.32	7.31	7.21	7.41	-0.01
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL07 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PO109662.D Time Analyzed: 16:11

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.791	4.691	4.891	484.120	500.000	-3.2
Aroclor-1016-2	4.810	4.711	4.911	486.830	500.000	-2.6
Aroclor-1016-3	4.867	4.767	4.967	484.640	500.000	-3.1
Aroclor-1016-4	4.987	4.888	5.088	484.750	500.000	-3.1
Aroclor-1016-5	5.245	5.145	5.345	467.760	500.000	-6.4
Aroclor-1260-1	6.287	6.188	6.388	480.610	500.000	-3.9
Aroclor-1260-2	6.476	6.377	6.577	468.300	500.000	-6.3
Aroclor-1260-3	6.845	6.746	6.946	444.240	500.000	-11.2
Aroclor-1260-4	7.105	7.005	7.205	434.880	500.000	-13.0
Aroclor-1260-5	7.347	7.247	7.447	430.260	500.000	-13.9
Decachlorobiphenyl	8.756	8.657	8.857	39.220	50.000	-21.6
Tetrachloro-m-xylene	3.696	3.598	3.798	47.820	50.000	-4.4



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL07 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PO109662.D Time Analyzed: 16:11

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.778	4.678	4.878	536.050	500.000	7.2
Aroclor-1016-2	4.797	4.697	4.897	543.930	500.000	8.8
Aroclor-1016-3	4.973	4.872	5.072	540.440	500.000	8.1
Aroclor-1016-4	5.015	4.914	5.114	451.810	500.000	-9.6
Aroclor-1016-5	5.228	5.127	5.327	521.700	500.000	4.3
Aroclor-1260-1	6.261	6.161	6.361	512.490	500.000	2.5
Aroclor-1260-2	6.449	6.348	6.548	510.220	500.000	2.0
Aroclor-1260-3	6.603	6.502	6.702	498.850	500.000	-0.2
Aroclor-1260-4	7.074	6.974	7.174	483.020	500.000	-3.4
Aroclor-1260-5	7.315	7.214	7.414	492.120	500.000	-1.6
Decachlorobiphenyl	8.708	8.607	8.807	43.320	50.000	-13.4
Tetrachloro-m-xylene	3.695	3.594	3.794	53.270	50.000	6.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030625\
 Data File : P0109662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 16:11
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:09:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.695	452.6E6	278.8E6	47.815	53.270
2) SA Decachlor...	8.756	8.708	337.4E6	138.0E6	39.222	43.324
Target Compounds						
3) L1 AR-1016-1	4.791	4.778	149.3E6	83715846	484.122	536.054
4) L1 AR-1016-2	4.810	4.797	205.0E6	117.7E6	486.830	543.934
5) L1 AR-1016-3	4.867	4.973	143.4E6	64555649	484.642	540.435
6) L1 AR-1016-4	4.987	5.015	112.4E6	47020626	484.751	451.815
7) L1 AR-1016-5	5.245	5.228	120.8E6	71083131	467.765m	521.698m
31) L7 AR-1260-1	6.287	6.261	224.0E6	121.4E6	480.611	512.490
32) L7 AR-1260-2	6.476	6.449	264.6E6	140.4E6	468.298	510.221
33) L7 AR-1260-3	6.845	6.603	211.3E6	127.2E6	444.236	498.852
34) L7 AR-1260-4	7.105	7.074	187.7E6	99595618	434.880	483.023
35) L7 AR-1260-5	7.347	7.315	427.6E6	220.4E6	430.260	492.116

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 16:11
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

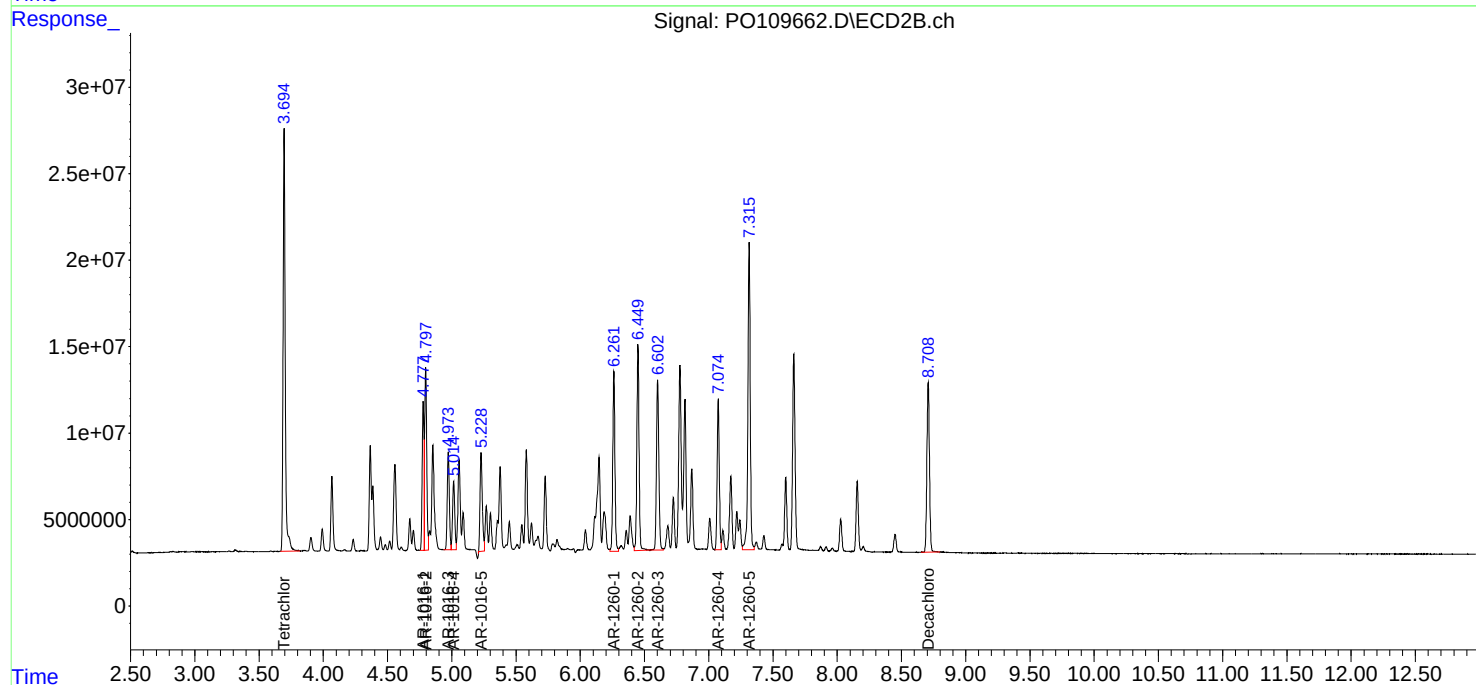
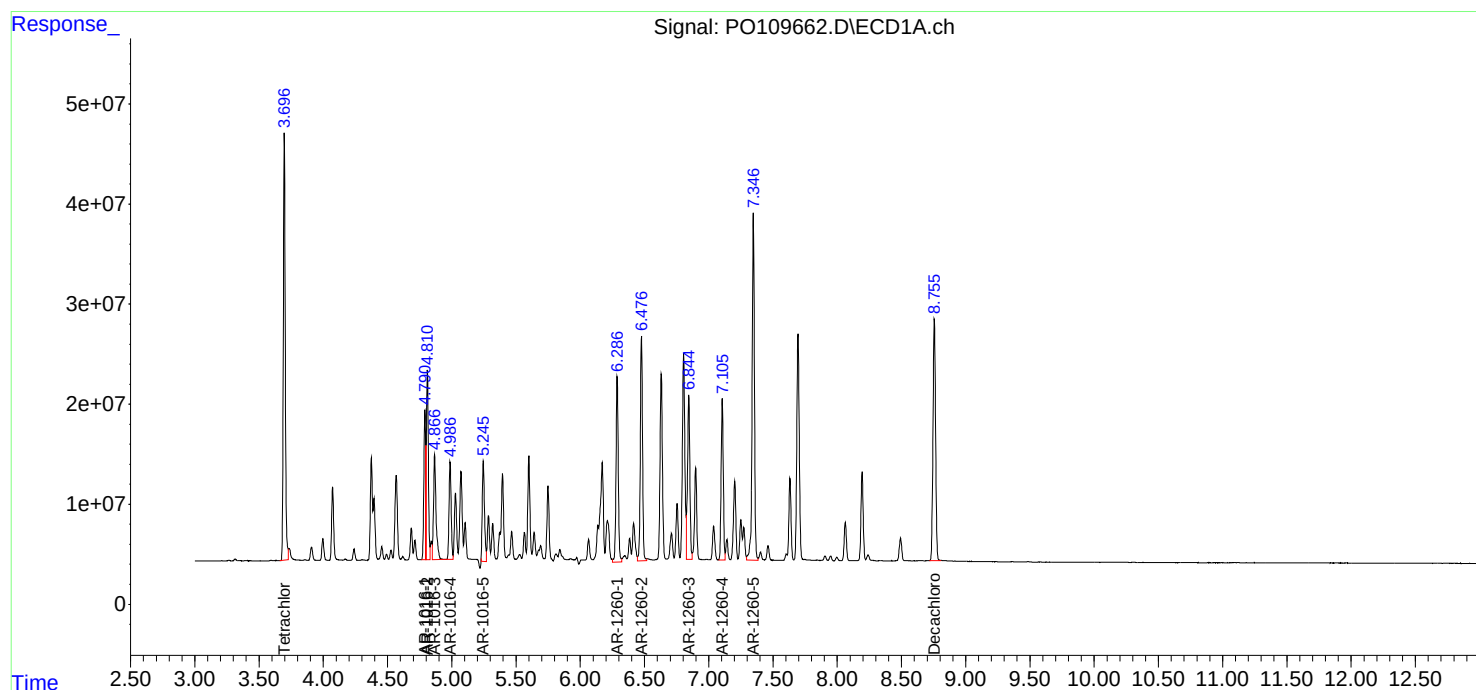
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:09:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 22:19 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 22:19 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL08 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PO109677.D Time Analyzed: 22:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.790	4.691	4.891	516.410	500.000	3.3
Aroclor-1016-2	4.810	4.711	4.911	521.040	500.000	4.2
Aroclor-1016-3	4.866	4.767	4.967	516.800	500.000	3.4
Aroclor-1016-4	4.987	4.888	5.088	517.710	500.000	3.5
Aroclor-1016-5	5.244	5.145	5.345	489.290	500.000	-2.1
Aroclor-1260-1	6.286	6.188	6.388	524.710	500.000	4.9
Aroclor-1260-2	6.475	6.377	6.577	507.570	500.000	1.5
Aroclor-1260-3	6.843	6.746	6.946	485.990	500.000	-2.8
Aroclor-1260-4	7.104	7.005	7.205	479.350	500.000	-4.1
Aroclor-1260-5	7.345	7.247	7.447	481.100	500.000	-3.8
Decachlorobiphenyl	8.753	8.657	8.857	43.340	50.000	-13.3
Tetrachloro-m-xylene	3.696	3.598	3.798	50.660	50.000	1.3



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL08 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PO109677.D Time Analyzed: 22:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.777	4.678	4.878	553.190	500.000	10.6
Aroclor-1016-2	4.796	4.697	4.897	570.410	500.000	14.1
Aroclor-1016-3	4.972	4.872	5.072	563.990	500.000	12.8
Aroclor-1016-4	5.014	4.914	5.114	456.810	500.000	-8.6
Aroclor-1016-5	5.227	5.127	5.327	534.200	500.000	6.8
Aroclor-1260-1	6.260	6.161	6.361	551.440	500.000	10.3
Aroclor-1260-2	6.448	6.348	6.548	550.920	500.000	10.2
Aroclor-1260-3	6.601	6.502	6.702	533.730	500.000	6.7
Aroclor-1260-4	7.073	6.974	7.174	518.870	500.000	3.8
Aroclor-1260-5	7.314	7.214	7.414	533.180	500.000	6.6
Decachlorobiphenyl	8.707	8.607	8.807	46.160	50.000	-7.7
Tetrachloro-m-xylene	3.694	3.594	3.794	55.410	50.000	10.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030625\
 Data File : P0109677.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 22:19
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:13:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	479.5E6	290.0E6	50.663	55.410
2) SA Decachlor...	8.753	8.707	372.8E6	147.0E6	43.337	46.157
Target Compounds						
3) L1 AR-1016-1	4.790	4.777	159.2E6	86391265	516.411	553.185
4) L1 AR-1016-2	4.810	4.796	219.4E6	123.5E6	521.043	570.410
5) L1 AR-1016-3	4.866	4.972	152.9E6	67369580	516.797	563.992
6) L1 AR-1016-4	4.987	5.014	120.0E6	47540849	517.713	456.814
7) L1 AR-1016-5	5.244	5.227	126.3E6	72786421	489.290m	534.198m
31) L7 AR-1260-1	6.286	6.260	244.6E6	130.6E6	524.713	551.439
32) L7 AR-1260-2	6.475	6.448	286.8E6	151.6E6	507.569	550.916
33) L7 AR-1260-3	6.843	6.601	231.2E6	136.1E6	485.993	533.731
34) L7 AR-1260-4	7.104	7.073	206.9E6	107.0E6	479.345	518.866
35) L7 AR-1260-5	7.345	7.314	478.2E6	238.7E6	481.103	533.176

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 22:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

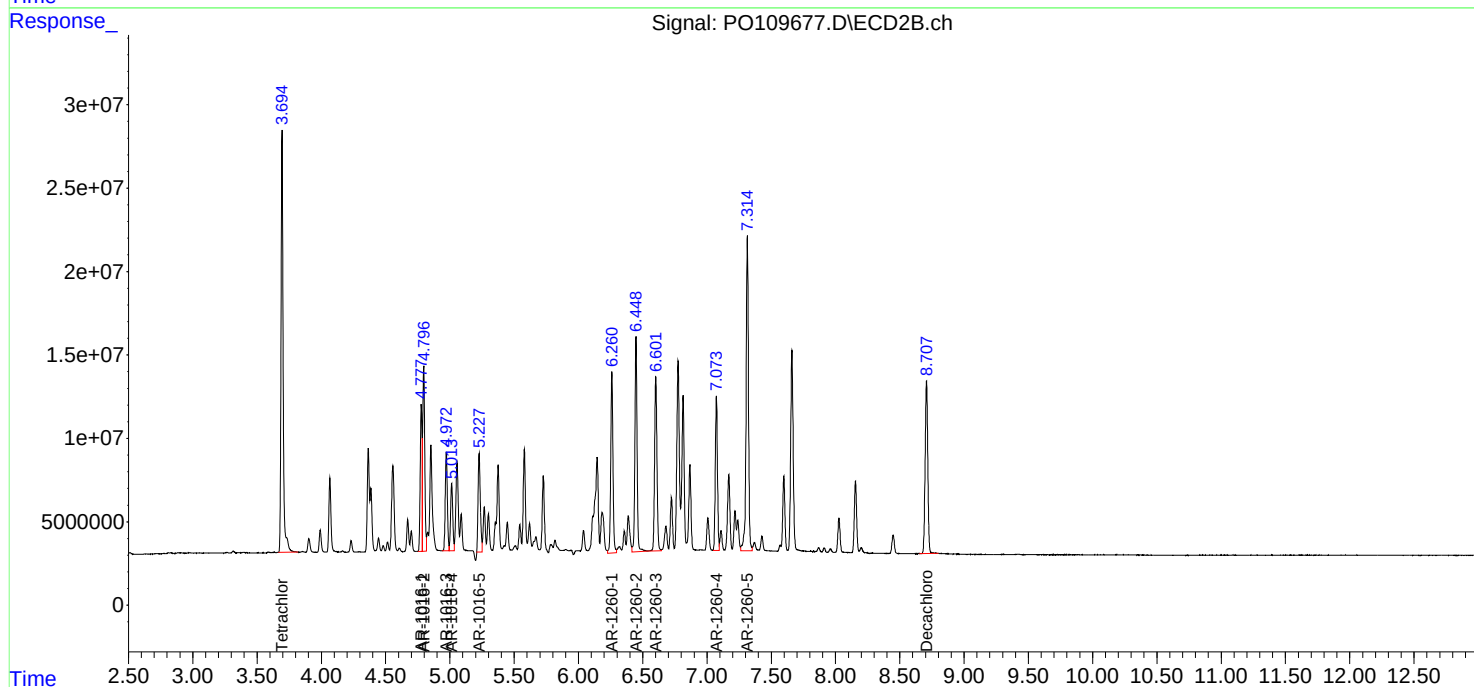
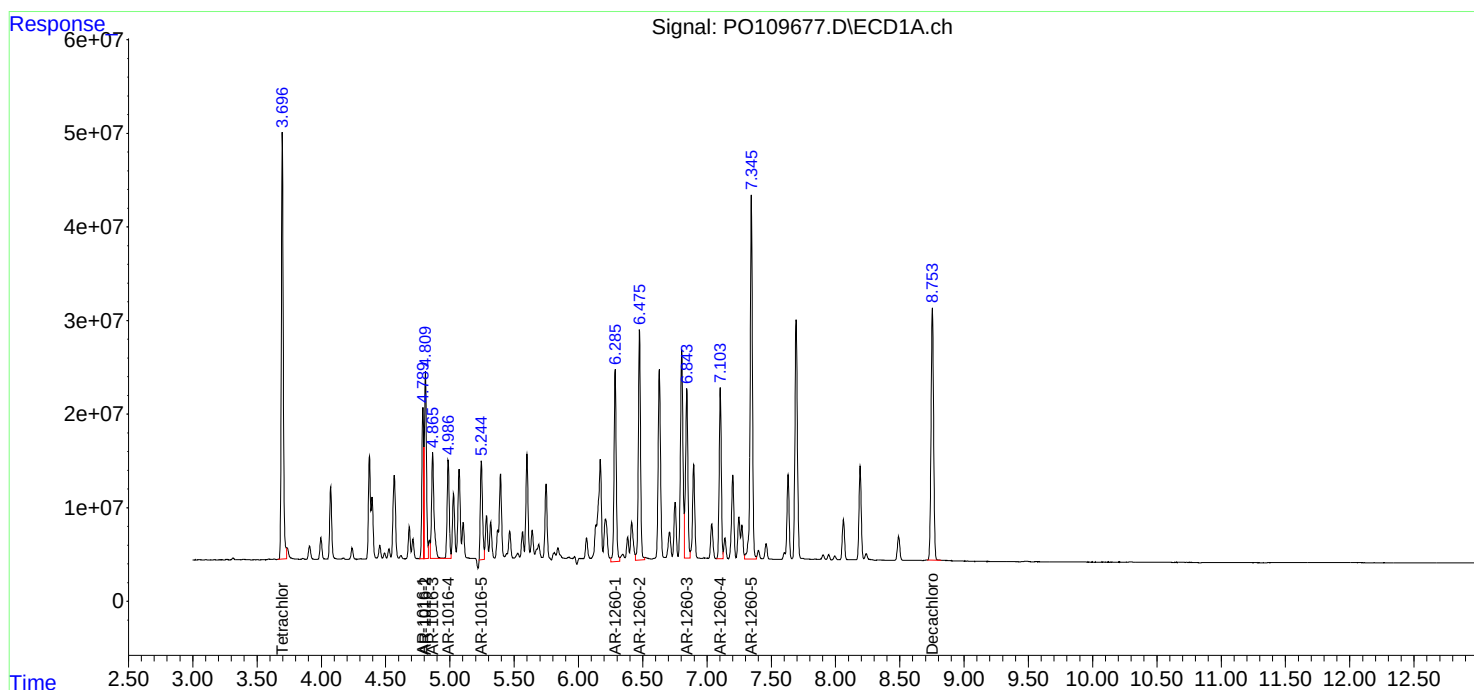
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 04:29 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 04:29 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL09 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109692.D Time Analyzed: 04:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.791	4.691	4.891	515.140	500.000	3.0
Aroclor-1016-2	4.810	4.711	4.911	517.080	500.000	3.4
Aroclor-1016-3	4.866	4.767	4.967	512.890	500.000	2.6
Aroclor-1016-4	4.987	4.888	5.088	513.090	500.000	2.6
Aroclor-1016-5	5.244	5.145	5.345	480.970	500.000	-3.8
Aroclor-1260-1	6.286	6.188	6.388	511.810	500.000	2.4
Aroclor-1260-2	6.475	6.377	6.577	495.100	500.000	-1.0
Aroclor-1260-3	6.844	6.746	6.946	470.290	500.000	-5.9
Aroclor-1260-4	7.104	7.005	7.205	458.790	500.000	-8.2
Aroclor-1260-5	7.346	7.247	7.447	456.010	500.000	-8.8
Decachlorobiphenyl	8.754	8.657	8.857	41.410	50.000	-17.2
Tetrachloro-m-xylene	3.697	3.598	3.798	51.040	50.000	2.1



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL09 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109692.D Time Analyzed: 04:29

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.778	4.678	4.878	560.290	500.000	12.1
Aroclor-1016-2	4.797	4.697	4.897	563.430	500.000	12.7
Aroclor-1016-3	4.973	4.872	5.072	559.930	500.000	12.0
Aroclor-1016-4	5.014	4.914	5.114	446.180	500.000	-10.8
Aroclor-1016-5	5.227	5.127	5.327	522.720	500.000	4.5
Aroclor-1260-1	6.261	6.161	6.361	541.540	500.000	8.3
Aroclor-1260-2	6.448	6.348	6.548	543.690	500.000	8.7
Aroclor-1260-3	6.602	6.502	6.702	521.390	500.000	4.3
Aroclor-1260-4	7.074	6.974	7.174	497.030	500.000	-0.6
Aroclor-1260-5	7.314	7.214	7.414	514.420	500.000	2.9
Decachlorobiphenyl	8.707	8.607	8.807	45.540	50.000	-8.9
Tetrachloro-m-xylene	3.695	3.594	3.794	55.390	50.000	10.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030625\
 Data File : P0109692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 04:29
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 06:23:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.695	483.1E6	289.9E6	51.042	55.393
2) SA Decachlor...	8.754	8.707	356.2E6	145.0E6	41.411	45.542
Target Compounds						
3) L1 AR-1016-1	4.791	4.778	158.8E6	87500632	515.145	560.289
4) L1 AR-1016-2	4.810	4.797	217.7E6	121.9E6	517.083	563.430
5) L1 AR-1016-3	4.866	4.973	151.7E6	66884528	512.893	559.932
6) L1 AR-1016-4	4.987	5.014	118.9E6	46434278	513.092	446.181
7) L1 AR-1016-5	5.244	5.227	124.2E6	71222267	480.971m	522.719m
31) L7 AR-1260-1	6.286	6.261	238.6E6	128.3E6	511.812	541.541
32) L7 AR-1260-2	6.475	6.448	279.8E6	149.6E6	495.098	543.689
33) L7 AR-1260-3	6.844	6.602	223.7E6	133.0E6	470.294	521.393
34) L7 AR-1260-4	7.104	7.074	198.0E6	102.5E6	458.790	497.025
35) L7 AR-1260-5	7.346	7.314	453.2E6	230.3E6	456.008	514.422

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 04:29
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

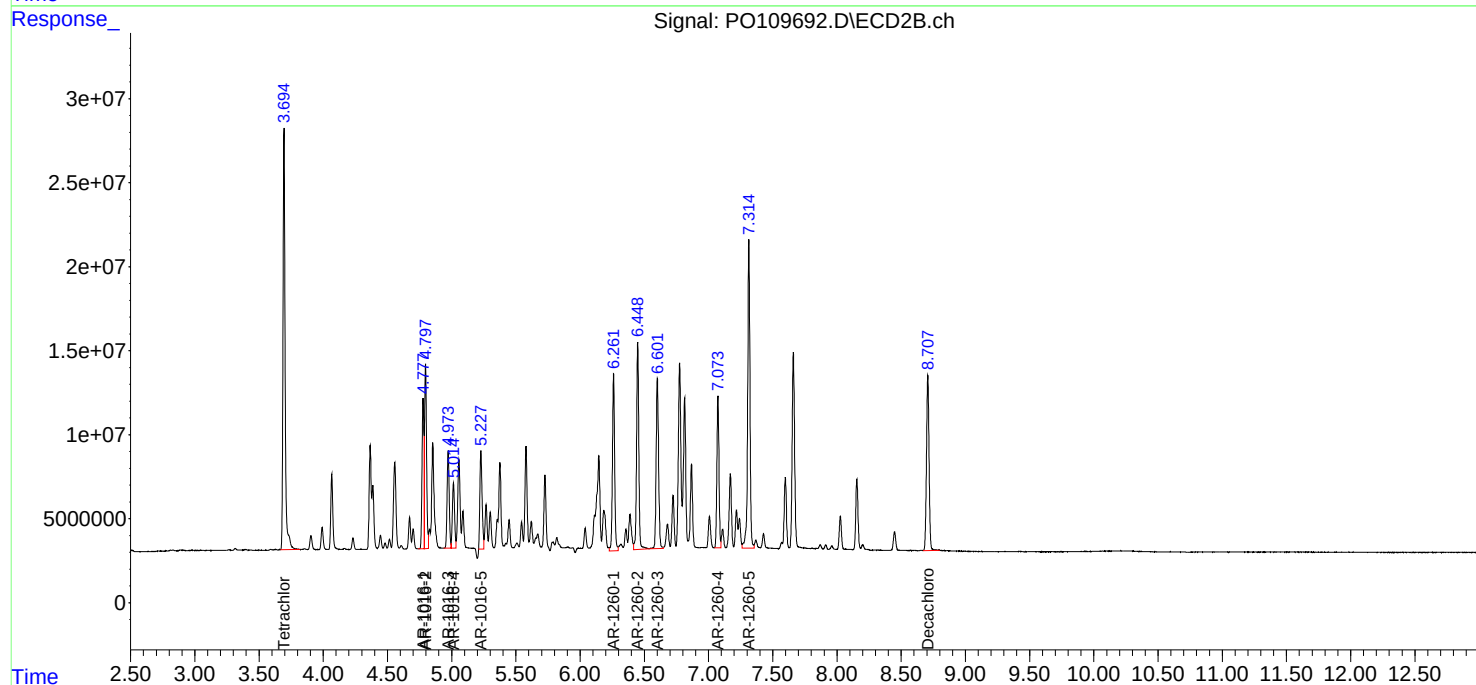
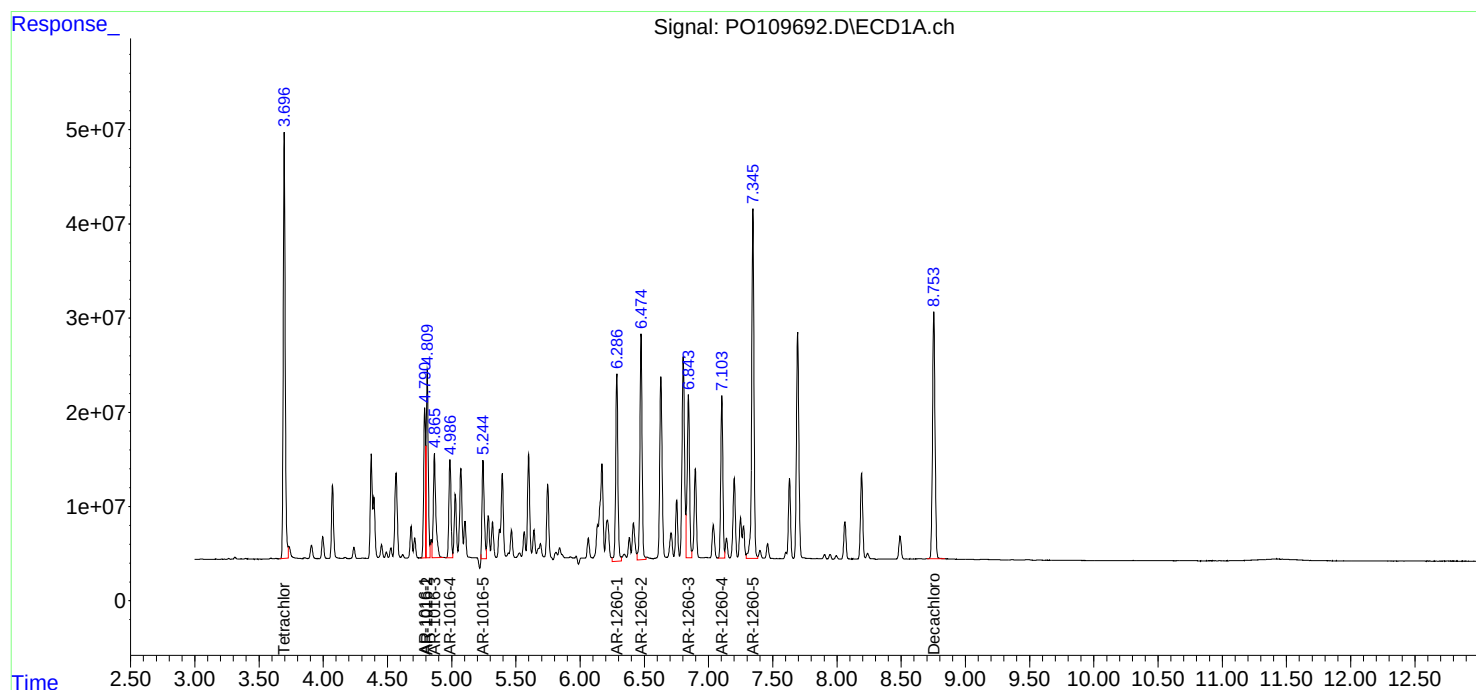
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:23:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 08:58 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 08:58 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.70	8.71	8.61	8.81	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL10 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109698.D Time Analyzed: 08:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.789	4.691	4.891	537.160	500.000	7.4
Aroclor-1016-2	4.808	4.711	4.911	545.990	500.000	9.2
Aroclor-1016-3	4.865	4.767	4.967	538.720	500.000	7.7
Aroclor-1016-4	4.985	4.888	5.088	541.630	500.000	8.3
Aroclor-1016-5	5.243	5.145	5.345	525.230	500.000	5.0
Aroclor-1260-1	6.285	6.188	6.388	514.630	500.000	2.9
Aroclor-1260-2	6.473	6.377	6.577	508.900	500.000	1.8
Aroclor-1260-3	6.842	6.746	6.946	493.980	500.000	-1.2
Aroclor-1260-4	7.103	7.005	7.205	501.800	500.000	0.4
Aroclor-1260-5	7.344	7.247	7.447	515.340	500.000	3.1
Decachlorobiphenyl	8.753	8.657	8.857	45.820	50.000	-8.4
Tetrachloro-m-xylene	3.695	3.598	3.798	53.490	50.000	7.0



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL10 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109698.D Time Analyzed: 08:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.775	4.678	4.878	558.160	500.000	11.6
Aroclor-1016-2	4.795	4.697	4.897	566.930	500.000	13.4
Aroclor-1016-3	4.969	4.872	5.072	562.100	500.000	12.4
Aroclor-1016-4	5.012	4.914	5.114	542.530	500.000	8.5
Aroclor-1016-5	5.225	5.127	5.327	541.170	500.000	8.2
Aroclor-1260-1	6.258	6.161	6.361	530.650	500.000	6.1
Aroclor-1260-2	6.446	6.348	6.548	537.600	500.000	7.5
Aroclor-1260-3	6.599	6.502	6.702	530.820	500.000	6.2
Aroclor-1260-4	7.071	6.974	7.174	519.270	500.000	3.9
Aroclor-1260-5	7.311	7.214	7.414	532.270	500.000	6.5
Decachlorobiphenyl	8.703	8.607	8.807	47.670	50.000	-4.7
Tetrachloro-m-xylene	3.693	3.594	3.794	55.440	50.000	10.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030725\
 Data File : P0109698.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 08:58
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 12:42:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.695	3.693	506.3E6	290.2E6	53.491	55.445
2) SA Decachlor...	8.753	8.703	394.1E6	151.8E6	45.816	47.675
Target Compounds						
3) L1 AR-1016-1	4.789	4.775	165.6E6	87168203	537.163	558.160
4) L1 AR-1016-2	4.808	4.795	229.9E6	122.7E6	545.994	566.933
5) L1 AR-1016-3	4.865	4.969	159.4E6	67143314	538.715	562.098
6) L1 AR-1016-4	4.985	5.012	125.5E6	56461739	541.633	542.533
7) L1 AR-1016-5	5.243	5.225	135.6E6	73736199	525.229	541.169
31) L7 AR-1260-1	6.285	6.258	239.9E6	125.7E6	514.626	530.653
32) L7 AR-1260-2	6.473	6.446	287.6E6	147.9E6	508.896	537.605
33) L7 AR-1260-3	6.842	6.599	235.0E6	135.4E6	493.977	530.823
34) L7 AR-1260-4	7.103	7.071	216.6E6	107.1E6	501.796	519.274
35) L7 AR-1260-5	7.344	7.311	512.2E6	238.3E6	515.338	532.267

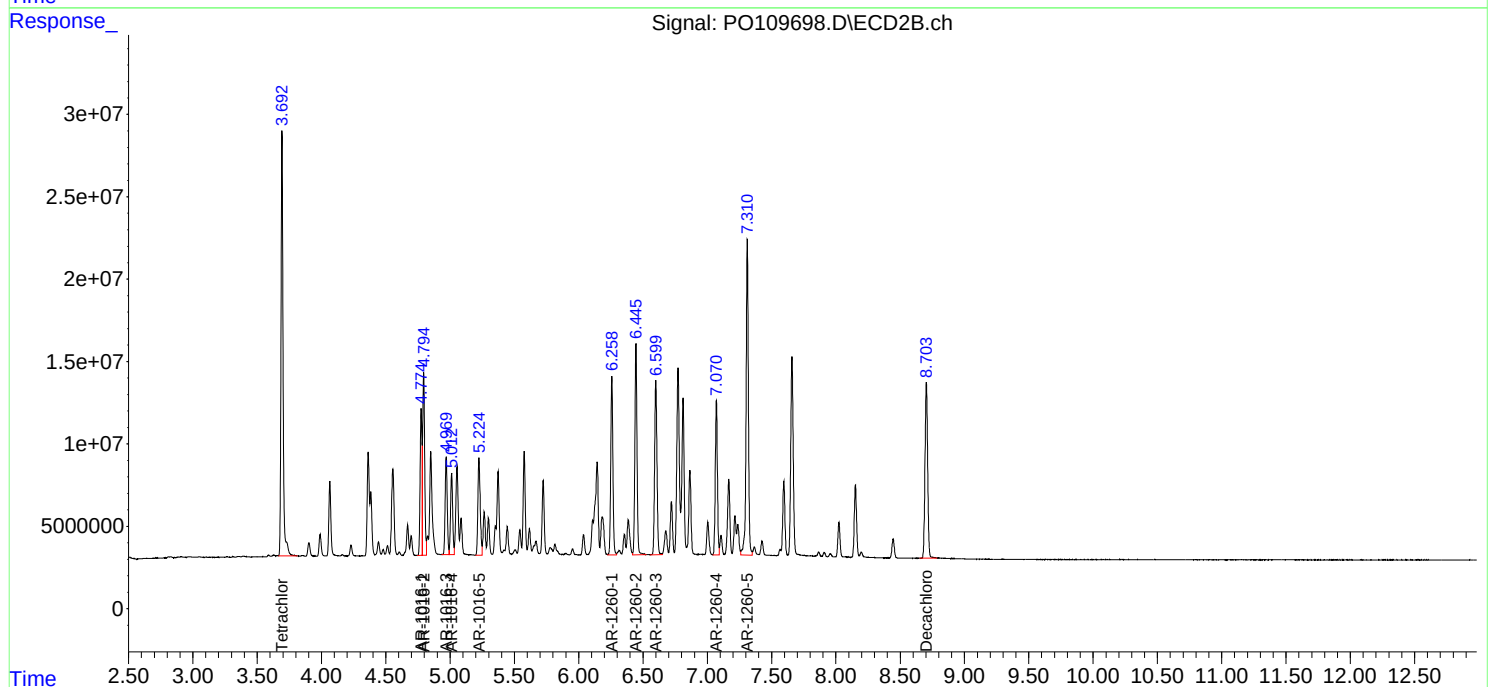
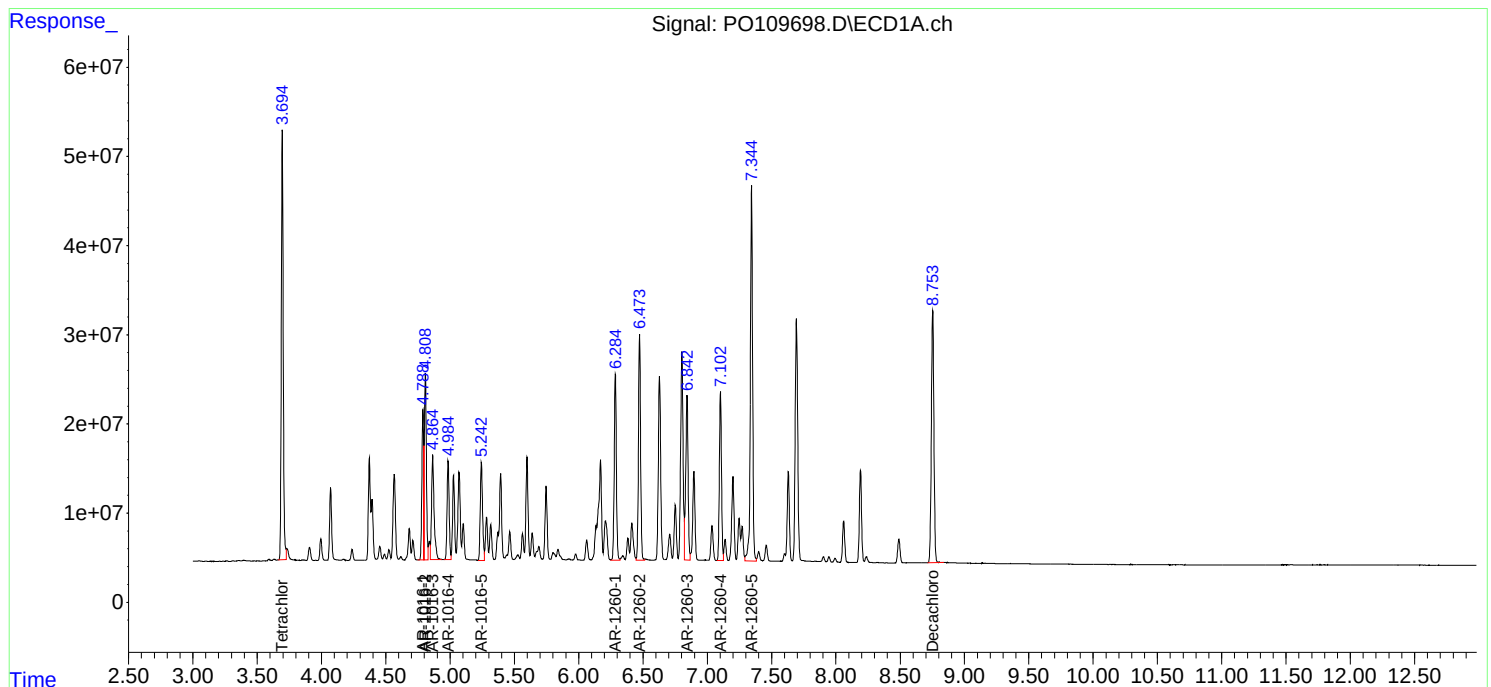
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109698.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 08:58
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:42:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 12:30 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 12:30 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL11 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109708.D Time Analyzed: 12:30

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.790	4.691	4.891	535.420	500.000	7.1
Aroclor-1016-2	4.809	4.711	4.911	540.100	500.000	8.0
Aroclor-1016-3	4.865	4.767	4.967	535.310	500.000	7.1
Aroclor-1016-4	4.986	4.888	5.088	538.450	500.000	7.7
Aroclor-1016-5	5.244	5.145	5.345	542.310	500.000	8.5
Aroclor-1260-1	6.285	6.188	6.388	522.080	500.000	4.4
Aroclor-1260-2	6.475	6.377	6.577	517.570	500.000	3.5
Aroclor-1260-3	6.843	6.746	6.946	508.990	500.000	1.8
Aroclor-1260-4	7.104	7.005	7.205	502.090	500.000	0.4
Aroclor-1260-5	7.346	7.247	7.447	502.420	500.000	0.5
Decachlorobiphenyl	8.753	8.657	8.857	45.700	50.000	-8.6
Tetrachloro-m-xylene	3.696	3.598	3.798	52.770	50.000	5.5



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL11 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109708.D Time Analyzed: 12:30

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.678	4.878	564.710	500.000	12.9
Aroclor-1016-2	4.796	4.697	4.897	569.610	500.000	13.9
Aroclor-1016-3	4.971	4.872	5.072	567.450	500.000	13.5
Aroclor-1016-4	5.013	4.914	5.114	533.490	500.000	6.7
Aroclor-1016-5	5.227	5.127	5.327	564.430	500.000	12.9
Aroclor-1260-1	6.260	6.161	6.361	539.900	500.000	8.0
Aroclor-1260-2	6.448	6.348	6.548	544.050	500.000	8.8
Aroclor-1260-3	6.601	6.502	6.702	533.960	500.000	6.8
Aroclor-1260-4	7.073	6.974	7.174	526.130	500.000	5.2
Aroclor-1260-5	7.313	7.214	7.414	539.230	500.000	7.8
Decachlorobiphenyl	8.706	8.607	8.807	48.170	50.000	-3.7
Tetrachloro-m-xylene	3.694	3.594	3.794	55.950	50.000	11.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030725\
 Data File : P0109708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 12:30
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 12:39:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	499.4E6	292.9E6	52.767	55.953
2) SA Decachlor...	8.753	8.706	393.1E6	153.4E6	45.703	48.170
Target Compounds						
3) L1 AR-1016-1	4.790	4.776	165.1E6	88191132	535.425	564.710
4) L1 AR-1016-2	4.809	4.796	227.4E6	123.3E6	540.101	569.611
5) L1 AR-1016-3	4.865	4.971	158.4E6	67782102	535.313	567.446
6) L1 AR-1016-4	4.986	5.013	124.8E6	55520644	538.452	533.490
7) L1 AR-1016-5	5.244	5.227	140.0E6	76905911	542.310	564.433
31) L7 AR-1260-1	6.285	6.260	243.4E6	127.9E6	522.079	539.897
32) L7 AR-1260-2	6.475	6.448	292.5E6	149.7E6	517.566	544.050
33) L7 AR-1260-3	6.843	6.601	242.1E6	136.2E6	508.994	533.964
34) L7 AR-1260-4	7.104	7.073	216.7E6	108.5E6	502.086	526.134
35) L7 AR-1260-5	7.346	7.313	499.3E6	241.5E6	502.420	539.230

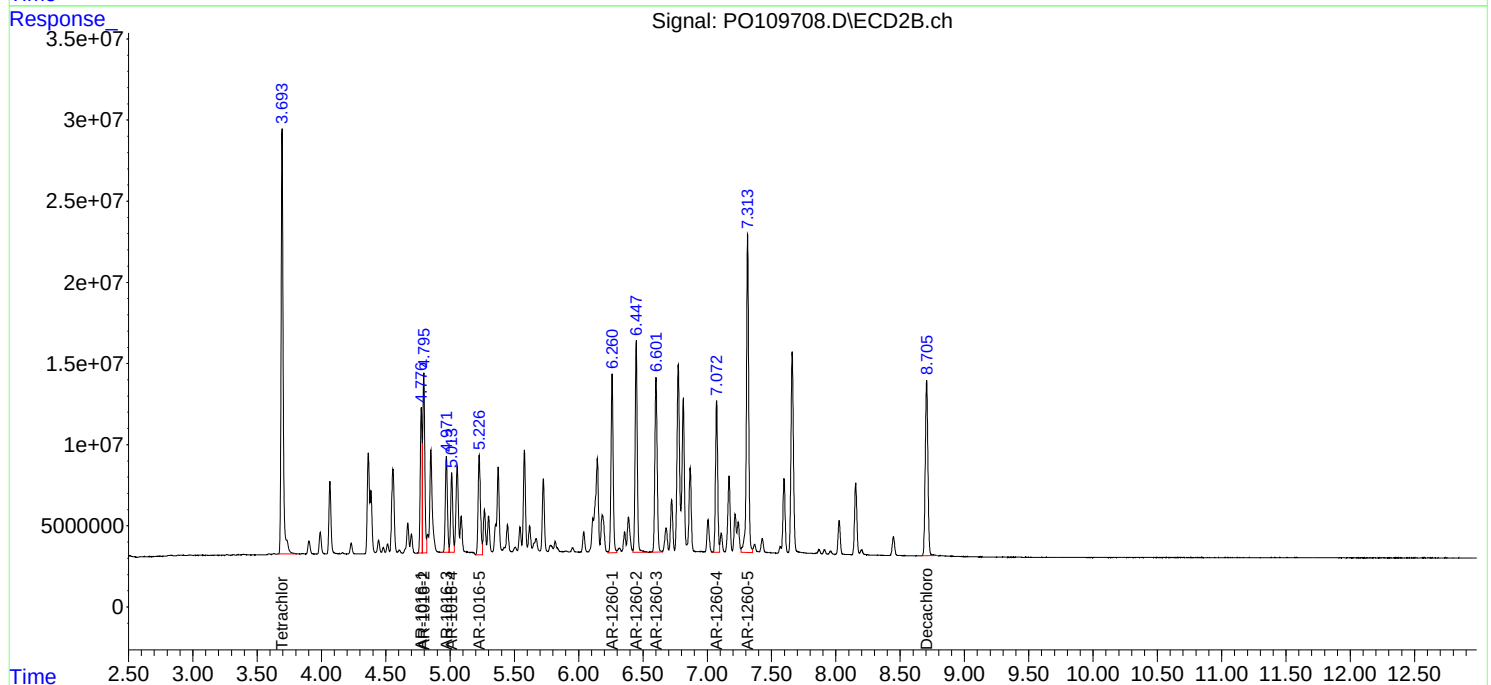
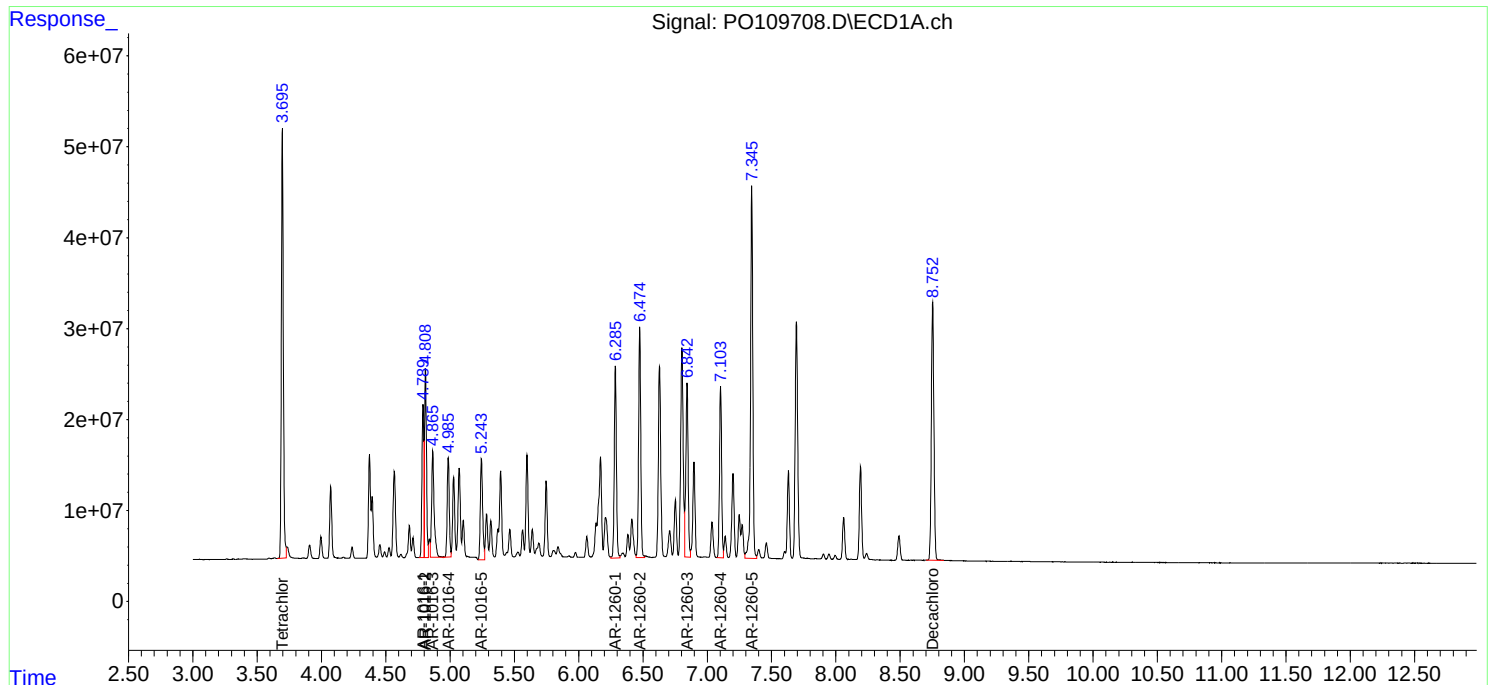
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:39:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 20:20 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.77	5.67	5.87	0.01
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.16	6.06	6.26	0.01
Aroclor-1260-1	(1)	7.27	7.28	7.18	7.38	0.01
Aroclor-1260-2	(2)	7.53	7.53	7.43	7.63	0.00
Aroclor-1260-3	(3)	7.89	7.89	7.79	7.99	0.00
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.00
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.26	10.26	10.16	10.36	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 20:20 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-4	(4)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-2	(2)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.00
Aroclor-1260-4	(4)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-5	(5)	7.46	7.47	7.37	7.57	0.01
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.89	8.79	8.99	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL12 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PP070324.D Time Analyzed: 20:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.680	5.581	5.781	467.790	500.000	-6.4
Aroclor-1016-2	5.702	5.602	5.802	471.280	500.000	-5.7
Aroclor-1016-3	5.764	5.665	5.865	462.590	500.000	-7.5
Aroclor-1016-4	5.861	5.762	5.962	469.590	500.000	-6.1
Aroclor-1016-5	6.154	6.056	6.256	481.150	500.000	-3.8
Aroclor-1260-1	7.274	7.175	7.375	484.470	500.000	-3.1
Aroclor-1260-2	7.528	7.429	7.629	438.510	500.000	-12.3
Aroclor-1260-3	7.887	7.788	7.988	474.540	500.000	-5.1
Aroclor-1260-4	8.111	8.012	8.212	460.280	500.000	-7.9
Aroclor-1260-5	8.433	8.333	8.533	472.900	500.000	-5.4
Decachlorobiphenyl	10.256	10.156	10.356	45.870	50.000	-8.3
Tetrachloro-m-xylene	4.526	4.427	4.627	51.810	50.000	3.6



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL12 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PP070324.D Time Analyzed: 20:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.917	4.820	5.020	505.450	500.000	1.1
Aroclor-1016-2	4.935	4.839	5.039	499.910	500.000	0.0
Aroclor-1016-3	5.113	5.017	5.217	521.090	500.000	4.2
Aroclor-1016-4	5.155	5.058	5.258	506.100	500.000	1.2
Aroclor-1016-5	5.370	5.273	5.473	559.510	500.000	11.9
Aroclor-1260-1	6.408	6.312	6.512	486.720	500.000	-2.7
Aroclor-1260-2	6.596	6.500	6.700	484.630	500.000	-3.1
Aroclor-1260-3	6.750	6.654	6.854	450.760	500.000	-9.8
Aroclor-1260-4	7.223	7.126	7.326	509.360	500.000	1.9
Aroclor-1260-5	7.463	7.367	7.567	503.880	500.000	0.8
Decachlorobiphenyl	8.883	8.788	8.988	45.030	50.000	-9.9
Tetrachloro-m-xylene	3.828	3.730	3.930	49.540	50.000	-0.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
 Data File : PP070324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 20:20
 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: Mar 06 23:35:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.828	76038375	47364569	51.811	49.543
2) SA Decachlor...	10.256	8.883	52252755	48818891	45.875	45.032
Target Compounds						
3) L1 AR-1016-1	5.680	4.917	23307946	16881366	467.785	505.452
4) L1 AR-1016-2	5.702	4.935	33355894	23292714	471.275	499.905
5) L1 AR-1016-3	5.764	5.113	20318159	13044160	462.592	521.091
6) L1 AR-1016-4	5.861	5.155	17028085	10157682	469.593	506.095
7) L1 AR-1016-5	6.154	5.370	16137165	14517451	481.153	559.514
31) L7 AR-1260-1	7.274	6.408	28273833	24111924	484.473	486.723
32) L7 AR-1260-2	7.528	6.596	35837287	31704831	438.509	484.634
33) L7 AR-1260-3	7.887	6.750	29782858	27190528	474.544	450.756
34) L7 AR-1260-4	8.111	7.223	29182191	24891325	460.280	509.365
35) L7 AR-1260-5	8.433	7.463	62037689	60050033	472.904	503.882

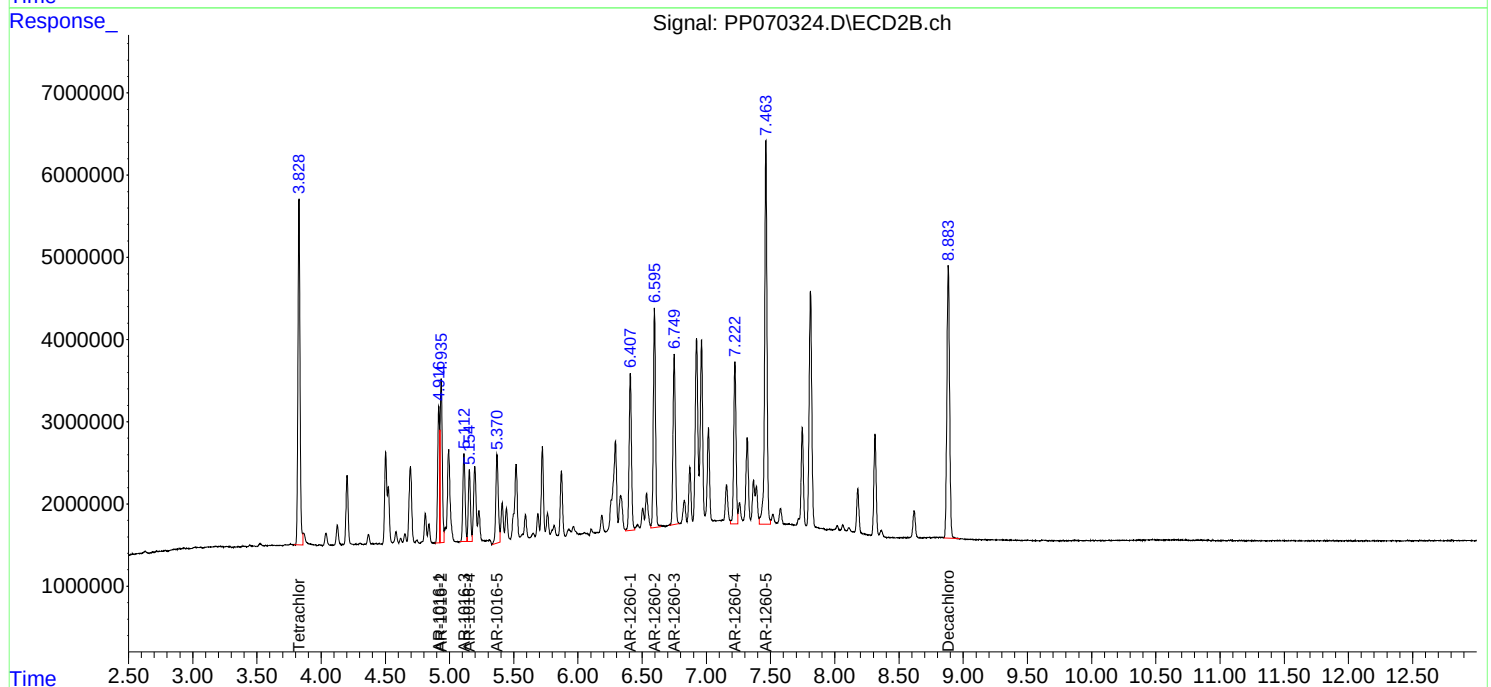
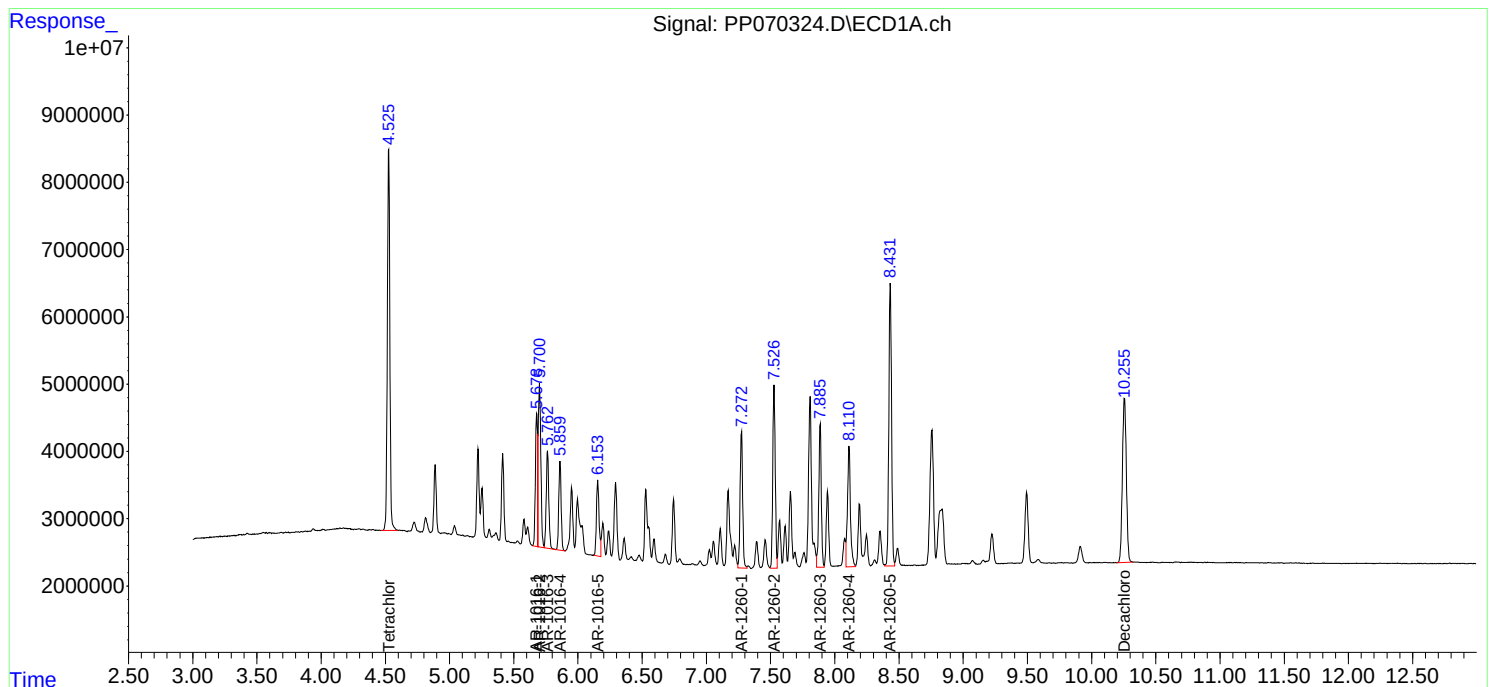
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 20:20
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: Mar 06 23:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 23:46 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.77	5.67	5.87	0.01
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.16	6.06	6.26	0.01
Aroclor-1260-1	(1)	7.27	7.28	7.18	7.38	0.01
Aroclor-1260-2	(2)	7.53	7.53	7.43	7.63	0.00
Aroclor-1260-3	(3)	7.89	7.89	7.79	7.99	0.00
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.00
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.26	10.26	10.16	10.36	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 23:46 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-4	(4)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-2	(2)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.00
Aroclor-1260-4	(4)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-5	(5)	7.46	7.47	7.37	7.57	0.01
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.89	8.79	8.99	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL13 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PP070332.D Time Analyzed: 23:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.679	5.581	5.781	439.060	500.000	-12.2
Aroclor-1016-2	5.701	5.602	5.802	468.000	500.000	-6.4
Aroclor-1016-3	5.763	5.665	5.865	497.050	500.000	-0.6
Aroclor-1016-4	5.860	5.762	5.962	435.100	500.000	-13.0
Aroclor-1016-5	6.154	6.056	6.256	462.800	500.000	-7.4
Aroclor-1260-1	7.274	7.175	7.375	483.900	500.000	-3.2
Aroclor-1260-2	7.528	7.429	7.629	460.220	500.000	-8.0
Aroclor-1260-3	7.887	7.788	7.988	497.090	500.000	-0.6
Aroclor-1260-4	8.111	8.012	8.212	481.180	500.000	-3.8
Aroclor-1260-5	8.431	8.333	8.533	473.930	500.000	-5.2
Decachlorobiphenyl	10.256	10.156	10.356	45.010	50.000	-10.0
Tetrachloro-m-xylene	4.526	4.427	4.627	50.280	50.000	0.6



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL13 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PP070332.D Time Analyzed: 23:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.917	4.820	5.020	463.950	500.000	-7.2
Aroclor-1016-2	4.936	4.839	5.039	470.730	500.000	-5.9
Aroclor-1016-3	5.114	5.017	5.217	461.920	500.000	-7.6
Aroclor-1016-4	5.156	5.058	5.258	425.260	500.000	-14.9
Aroclor-1016-5	5.371	5.273	5.473	523.410	500.000	4.7
Aroclor-1260-1	6.408	6.312	6.512	468.790	500.000	-6.2
Aroclor-1260-2	6.596	6.500	6.700	473.290	500.000	-5.3
Aroclor-1260-3	6.750	6.654	6.854	417.150	500.000	-16.6
Aroclor-1260-4	7.223	7.126	7.326	493.650	500.000	-1.3
Aroclor-1260-5	7.463	7.367	7.567	522.620	500.000	4.5
Decachlorobiphenyl	8.884	8.788	8.988	44.030	50.000	-11.9
Tetrachloro-m-xylene	3.828	3.730	3.930	48.220	50.000	-3.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
 Data File : PP070332.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 23:46
 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: Mar 07 04:29:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.828	73794740	46102597	50.282	48.223
2) SA Decachlor...	10.256	8.884	51266094	47733092	45.008	44.030
Target Compounds						
3) L1 AR-1016-1	5.679	4.917	21876577	15495117	439.058	463.945
4) L1 AR-1016-2	5.701	4.936	33123871	21933424	467.997	470.732
5) L1 AR-1016-3	5.763	5.114	21831733	11562896	497.052	461.917
6) L1 AR-1016-4	5.860	5.156	15777321	8535241	435.100	425.259
7) L1 AR-1016-5	6.154	5.371	15521590	13580628	462.799	523.408
31) L7 AR-1260-1	7.274	6.408	28240604	23223653	483.904	468.793
32) L7 AR-1260-2	7.528	6.596	37611394	30962639	460.217	473.289
33) L7 AR-1260-3	7.887	6.750	31198007	25163593	497.092	417.154
34) L7 AR-1260-4	8.111	7.223	30507214	24123362	481.179	493.649
35) L7 AR-1260-5	8.431	7.463	62172223	62283563	473.929	522.623

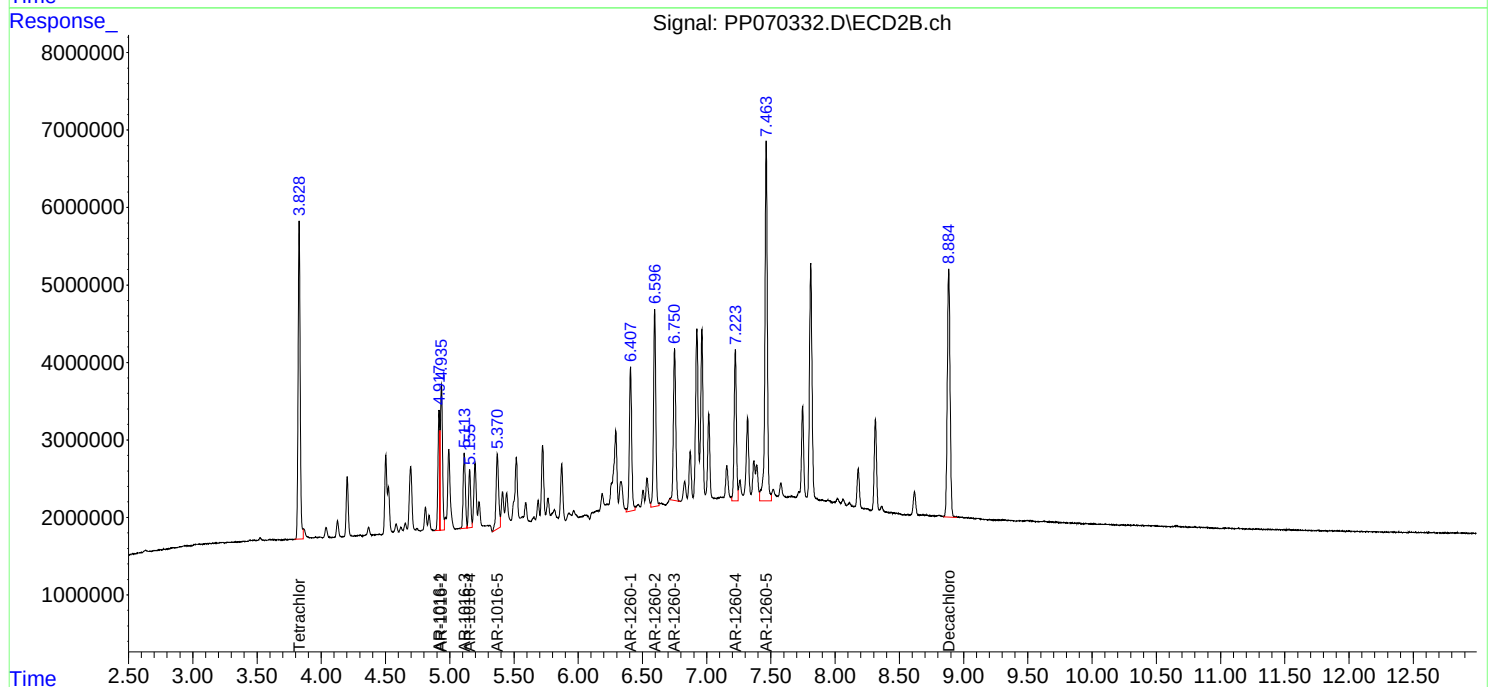
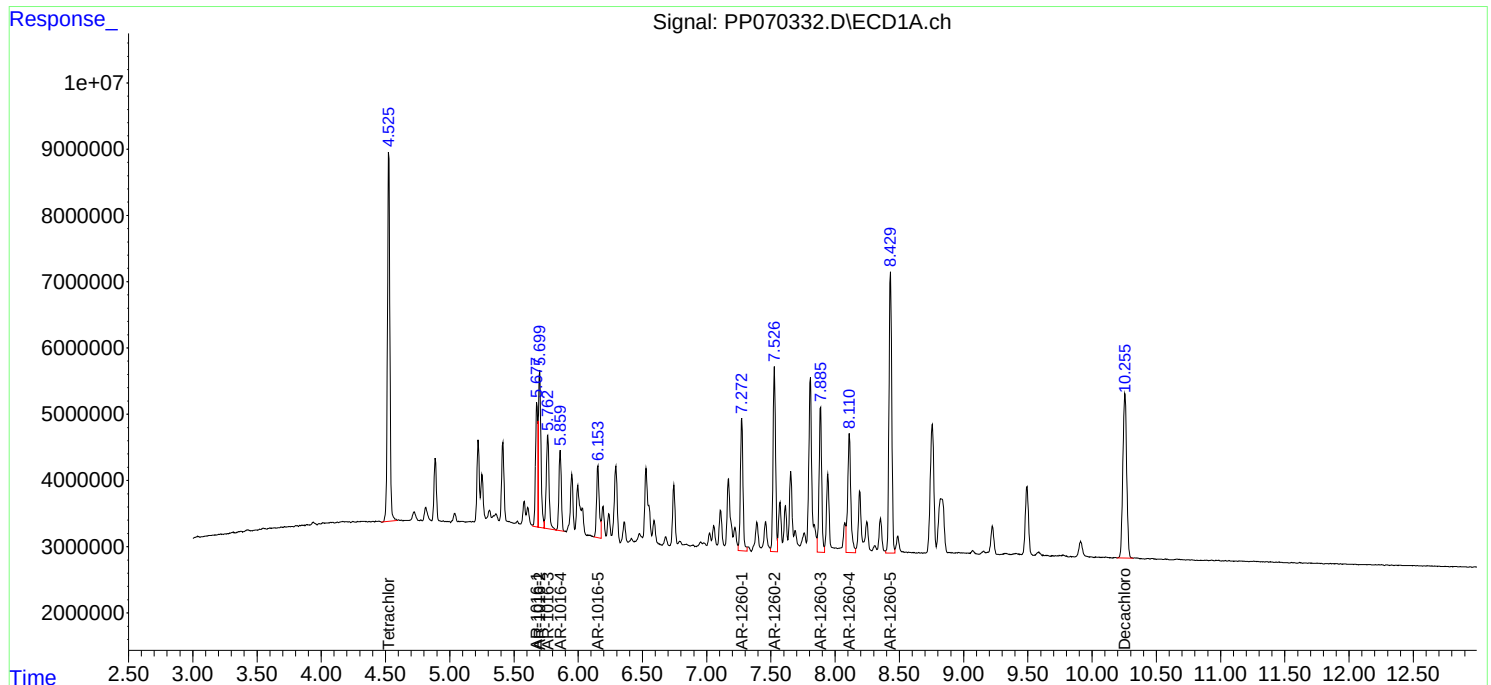
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 23:46
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: Mar 07 04:29:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 10:58 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.77	5.67	5.87	0.01
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.16	6.06	6.26	0.01
Aroclor-1260-1	(1)	7.27	7.28	7.18	7.38	0.01
Aroclor-1260-2	(2)	7.53	7.53	7.43	7.63	0.00
Aroclor-1260-3	(3)	7.88	7.89	7.79	7.99	0.01
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.00
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.25	10.26	10.16	10.36	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 10:58 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-4	(4)	5.15	5.16	5.06	5.26	0.01
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.00
Aroclor-1260-4	(4)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-5	(5)	7.46	7.47	7.37	7.57	0.01
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.89	8.79	8.99	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL14 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070344.D Time Analyzed: 10:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.677	5.581	5.781	480.930	500.000	-3.8
Aroclor-1016-2	5.699	5.602	5.802	500.630	500.000	0.1
Aroclor-1016-3	5.762	5.665	5.865	483.140	500.000	-3.4
Aroclor-1016-4	5.858	5.762	5.962	491.090	500.000	-1.8
Aroclor-1016-5	6.152	6.056	6.256	494.120	500.000	-1.2
Aroclor-1260-1	7.272	7.175	7.375	497.790	500.000	-0.4
Aroclor-1260-2	7.525	7.429	7.629	482.220	500.000	-3.6
Aroclor-1260-3	7.884	7.788	7.988	522.690	500.000	4.5
Aroclor-1260-4	8.108	8.012	8.212	516.070	500.000	3.2
Aroclor-1260-5	8.429	8.333	8.533	506.350	500.000	1.3
Decachlorobiphenyl	10.251	10.156	10.356	49.190	50.000	-1.6
Tetrachloro-m-xylene	4.525	4.427	4.627	53.970	50.000	7.9



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL14 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070344.D Time Analyzed: 10:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.916	4.820	5.020	505.660	500.000	1.1
Aroclor-1016-2	4.935	4.839	5.039	503.030	500.000	0.6
Aroclor-1016-3	5.112	5.017	5.217	522.440	500.000	4.5
Aroclor-1016-4	5.154	5.058	5.258	515.150	500.000	3.0
Aroclor-1016-5	5.369	5.273	5.473	528.830	500.000	5.8
Aroclor-1260-1	6.406	6.312	6.512	487.230	500.000	-2.6
Aroclor-1260-2	6.594	6.500	6.700	492.820	500.000	-1.4
Aroclor-1260-3	6.748	6.654	6.854	461.080	500.000	-7.8
Aroclor-1260-4	7.221	7.126	7.326	526.310	500.000	5.3
Aroclor-1260-5	7.462	7.367	7.567	540.800	500.000	8.2
Decachlorobiphenyl	8.881	8.788	8.988	46.780	50.000	-6.4
Tetrachloro-m-xylene	3.828	3.730	3.930	50.560	50.000	1.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 10:58
 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: Mar 07 11:07:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.828	79209260	48338415	53.971	50.561
2)	SA Decachlor...	10.251	8.881	56024945	50716474	49.186	46.782
Target Compounds							
3)	L1 AR-1016-1	5.677	4.916	23962660	16888239	480.925	505.657
4)	L1 AR-1016-2	5.699	4.935	35433274	23438226	500.626	503.028
5)	L1 AR-1016-3	5.762	5.112	21220627	13077867	483.139	522.437
6)	L1 AR-1016-4	5.858	5.154	17807649	10339453	491.092	515.152
7)	L1 AR-1016-5	6.152	5.369	16572007	13721358	494.118	528.832
31)	L7 AR-1260-1	7.272	6.406	29050815	24137077	497.787	487.231
32)	L7 AR-1260-2	7.525	6.594	39409593	32240210	482.220	492.818
33)	L7 AR-1260-3	7.884	6.748	32804670	27813516	522.691	461.084
34)	L7 AR-1260-4	8.108	7.221	32719563	25719168	516.073	526.305
35)	L7 AR-1260-5	8.429	7.462	66424771	64449944	506.346	540.802

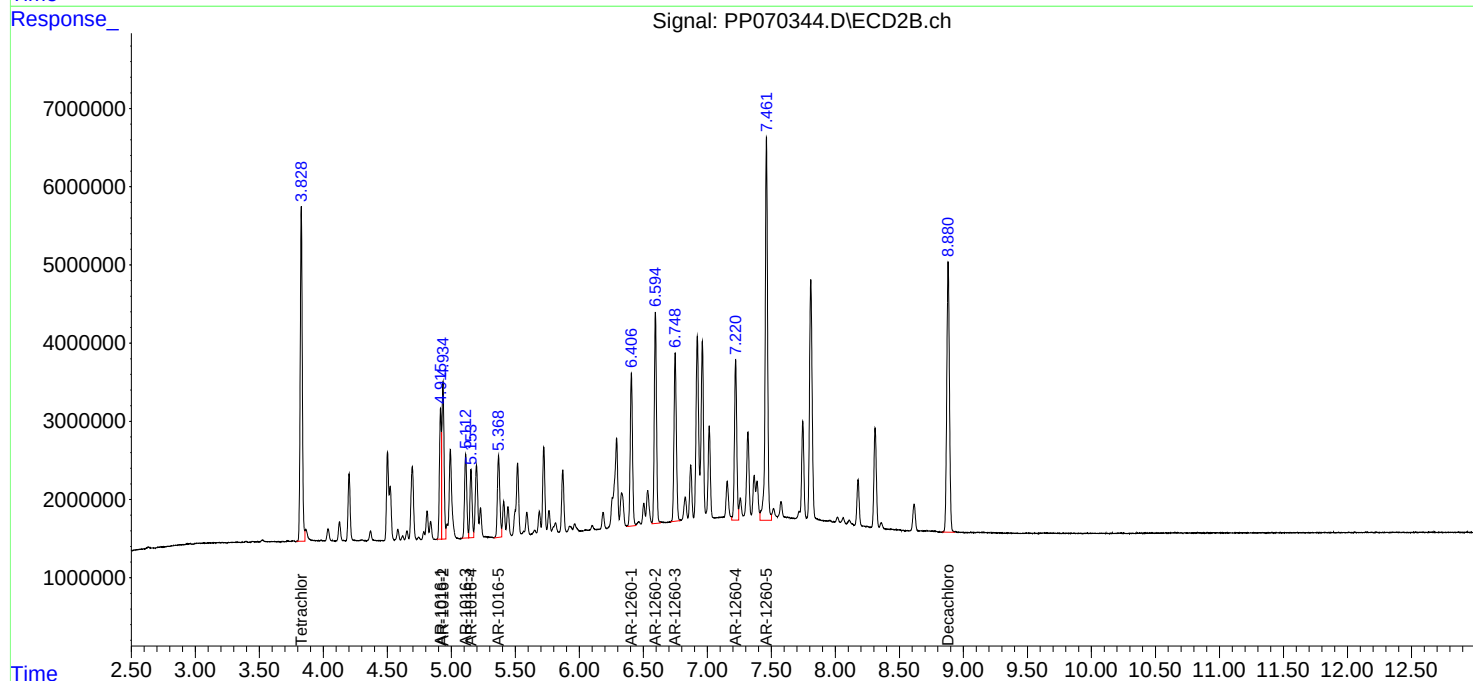
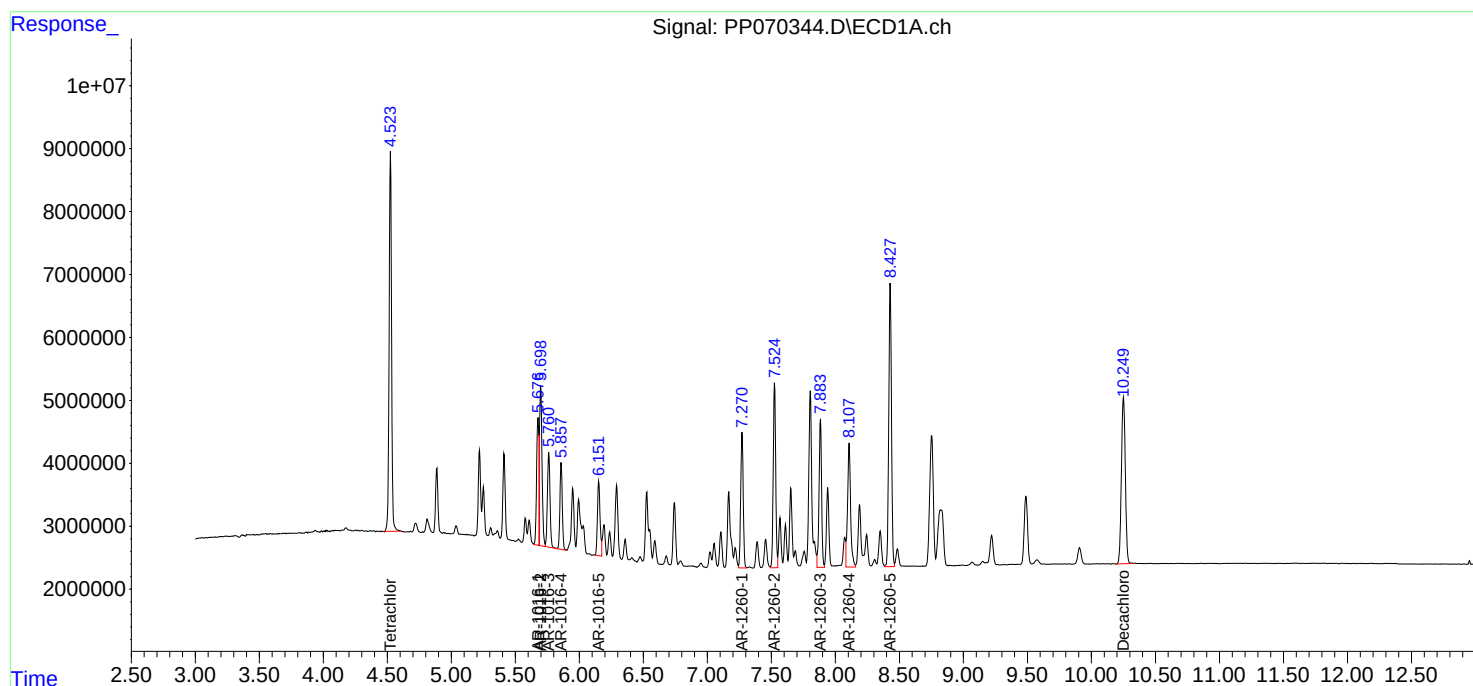
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:58
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: Mar 07 11:07:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 15:45 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.77	5.67	5.87	0.01
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.16	6.06	6.26	0.01
Aroclor-1260-1	(1)	7.27	7.28	7.18	7.38	0.01
Aroclor-1260-2	(2)	7.53	7.53	7.43	7.63	0.00
Aroclor-1260-3	(3)	7.89	7.89	7.79	7.99	0.00
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.00
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.25	10.26	10.16	10.36	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 15:45 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-4	(4)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-2	(2)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.00
Aroclor-1260-4	(4)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-5	(5)	7.46	7.47	7.37	7.57	0.01
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.89	8.79	8.99	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL15 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070359.D Time Analyzed: 15:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.678	5.581	5.781	485.280	500.000	-2.9
Aroclor-1016-2	5.700	5.602	5.802	488.960	500.000	-2.2
Aroclor-1016-3	5.762	5.665	5.865	477.110	500.000	-4.6
Aroclor-1016-4	5.860	5.762	5.962	483.790	500.000	-3.2
Aroclor-1016-5	6.153	6.056	6.256	506.220	500.000	1.2
Aroclor-1260-1	7.272	7.175	7.375	498.040	500.000	-0.4
Aroclor-1260-2	7.526	7.429	7.629	480.170	500.000	-4.0
Aroclor-1260-3	7.885	7.788	7.988	511.910	500.000	2.4
Aroclor-1260-4	8.110	8.012	8.212	500.740	500.000	0.1
Aroclor-1260-5	8.430	8.333	8.533	507.150	500.000	1.4
Decachlorobiphenyl	10.254	10.156	10.356	49.030	50.000	-1.9
Tetrachloro-m-xylene	4.525	4.427	4.627	53.530	50.000	7.1



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL15 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070359.D Time Analyzed: 15:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.917	4.820	5.020	495.440	500.000	-0.9
Aroclor-1016-2	4.936	4.839	5.039	500.480	500.000	0.1
Aroclor-1016-3	5.113	5.017	5.217	521.100	500.000	4.2
Aroclor-1016-4	5.155	5.058	5.258	517.520	500.000	3.5
Aroclor-1016-5	5.370	5.273	5.473	523.670	500.000	4.7
Aroclor-1260-1	6.408	6.312	6.512	483.400	500.000	-3.3
Aroclor-1260-2	6.596	6.500	6.700	486.610	500.000	-2.7
Aroclor-1260-3	6.750	6.654	6.854	461.360	500.000	-7.7
Aroclor-1260-4	7.223	7.126	7.326	534.160	500.000	6.8
Aroclor-1260-5	7.463	7.367	7.567	538.180	500.000	7.6
Decachlorobiphenyl	8.883	8.788	8.988	49.460	50.000	-1.1
Tetrachloro-m-xylene	3.829	3.730	3.930	49.650	50.000	-0.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 15:45
 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: Mar 08 00:16:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.829	78562576	47468170	53.530	49.651
2) SA Decachlor...	10.254	8.883	55845621	53622426	49.029	49.462
Target Compounds						
3) L1 AR-1016-1	5.678	4.917	24179821	16547041	485.284	495.442
4) L1 AR-1016-2	5.700	4.936	34607719	23319586	488.962	500.482
5) L1 AR-1016-3	5.762	5.113	20955767	13044403	477.108	521.100
6) L1 AR-1016-4	5.860	5.155	17542838	10387038	483.789	517.523
7) L1 AR-1016-5	6.153	5.370	16977863	13587502	506.219	523.673
31) L7 AR-1260-1	7.272	6.408	29065523	23947336	498.039	483.401
32) L7 AR-1260-2	7.526	6.596	39242040	31833814	480.170	486.606
33) L7 AR-1260-3	7.885	6.750	32127821	27830157	511.907	461.359
34) L7 AR-1260-4	8.110	7.223	31747479	26103059	500.741	534.161
35) L7 AR-1260-5	8.430	7.463	66530878	64137319	507.155	538.178

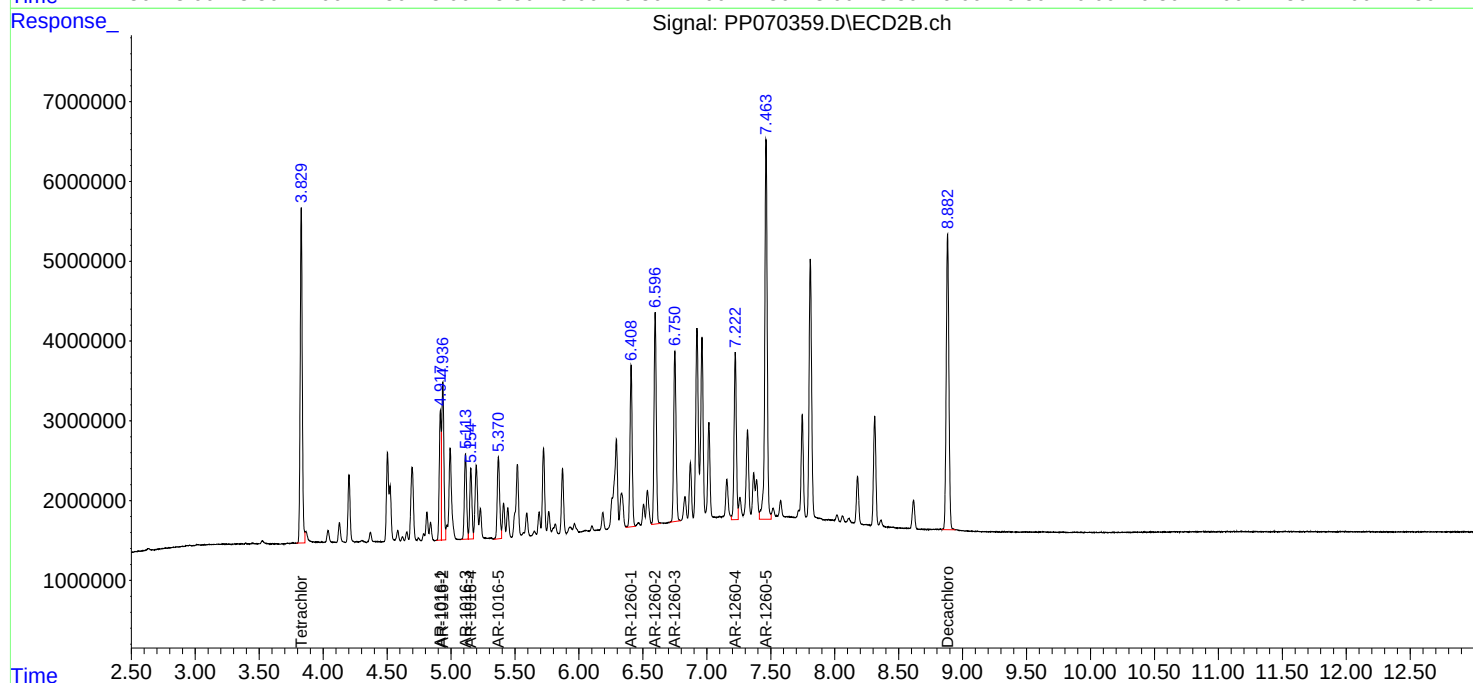
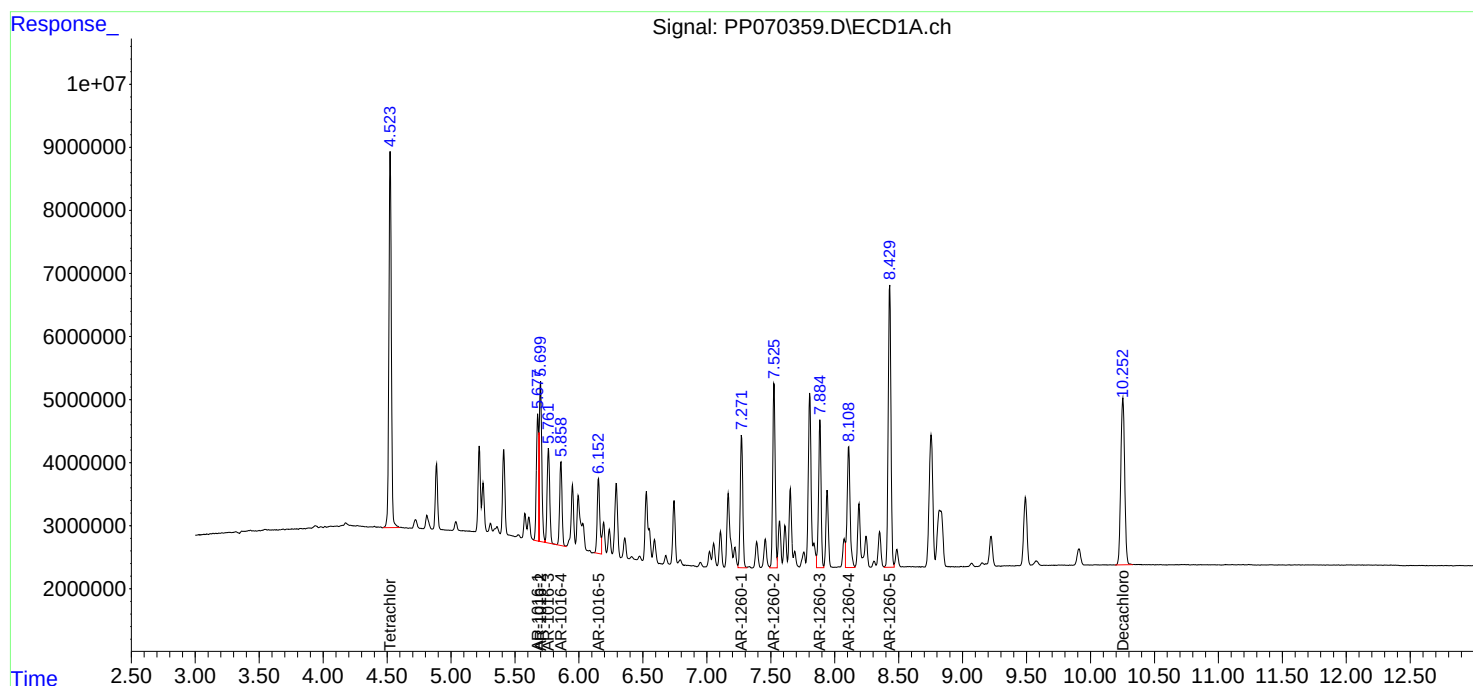
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 15:45
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: Mar 08 00:16:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 20:32 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.77	5.67	5.87	0.01
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.16	6.06	6.26	0.01
Aroclor-1260-1	(1)	7.27	7.28	7.18	7.38	0.01
Aroclor-1260-2	(2)	7.53	7.53	7.43	7.63	0.00
Aroclor-1260-3	(3)	7.89	7.89	7.79	7.99	0.00
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.00
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.25	10.26	10.16	10.36	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 20:32 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-4	(4)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-2	(2)	6.60	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.00
Aroclor-1260-4	(4)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-5	(5)	7.46	7.47	7.37	7.57	0.01
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.89	8.79	8.99	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL16 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070374.D Time Analyzed: 20:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.678	5.581	5.781	483.600	500.000	-3.3
Aroclor-1016-2	5.700	5.602	5.802	489.820	500.000	-2.0
Aroclor-1016-3	5.762	5.665	5.865	482.920	500.000	-3.4
Aroclor-1016-4	5.860	5.762	5.962	488.620	500.000	-2.3
Aroclor-1016-5	6.153	6.056	6.256	484.370	500.000	-3.1
Aroclor-1260-1	7.272	7.175	7.375	502.220	500.000	0.4
Aroclor-1260-2	7.526	7.429	7.629	478.070	500.000	-4.4
Aroclor-1260-3	7.885	7.788	7.988	511.980	500.000	2.4
Aroclor-1260-4	8.109	8.012	8.212	496.830	500.000	-0.6
Aroclor-1260-5	8.430	8.333	8.533	499.330	500.000	-0.1
Decachlorobiphenyl	10.253	10.156	10.356	48.470	50.000	-3.1
Tetrachloro-m-xylene	4.526	4.427	4.627	53.510	50.000	7.0



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL16 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070374.D Time Analyzed: 20:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.916	4.820	5.020	499.910	500.000	0.0
Aroclor-1016-2	4.935	4.839	5.039	503.950	500.000	0.8
Aroclor-1016-3	5.112	5.017	5.217	522.390	500.000	4.5
Aroclor-1016-4	5.155	5.058	5.258	500.390	500.000	0.1
Aroclor-1016-5	5.369	5.273	5.473	532.610	500.000	6.5
Aroclor-1260-1	6.407	6.312	6.512	483.720	500.000	-3.3
Aroclor-1260-2	6.595	6.500	6.700	494.560	500.000	-1.1
Aroclor-1260-3	6.749	6.654	6.854	460.460	500.000	-7.9
Aroclor-1260-4	7.221	7.126	7.326	508.970	500.000	1.8
Aroclor-1260-5	7.463	7.367	7.567	526.760	500.000	5.4
Decachlorobiphenyl	8.882	8.788	8.988	48.760	50.000	-2.5
Tetrachloro-m-xylene	3.828	3.730	3.930	50.130	50.000	0.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 20:32
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:20:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.828	78526792	47929845	53.506	50.134
2) SA Decachlor...	10.253	8.882	55208768	52862125	48.470	48.761
Target Compounds						
3) L1 AR-1016-1	5.678	4.916	24095750	16696353	483.596	499.912
4) L1 AR-1016-2	5.700	4.935	34668689	23481262	489.823	503.952
5) L1 AR-1016-3	5.762	5.112	21211241	13076673	482.925	522.390
6) L1 AR-1016-4	5.860	5.155	17718089	10043198	488.622	500.391
7) L1 AR-1016-5	6.153	5.369	16245059	13819285	484.370	532.606m
31) L7 AR-1260-1	7.272	6.407	29309795	23963354	502.224	483.724
32) L7 AR-1260-2	7.526	6.595	39070356	32353920	478.069	494.556
33) L7 AR-1260-3	7.885	6.749	32132624	27775780	511.983	460.458
34) L7 AR-1260-4	8.109	7.221	31499814	24871898	496.835	508.967
35) L7 AR-1260-5	8.430	7.463	65504392	62775948	499.330	526.755

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 20:32
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

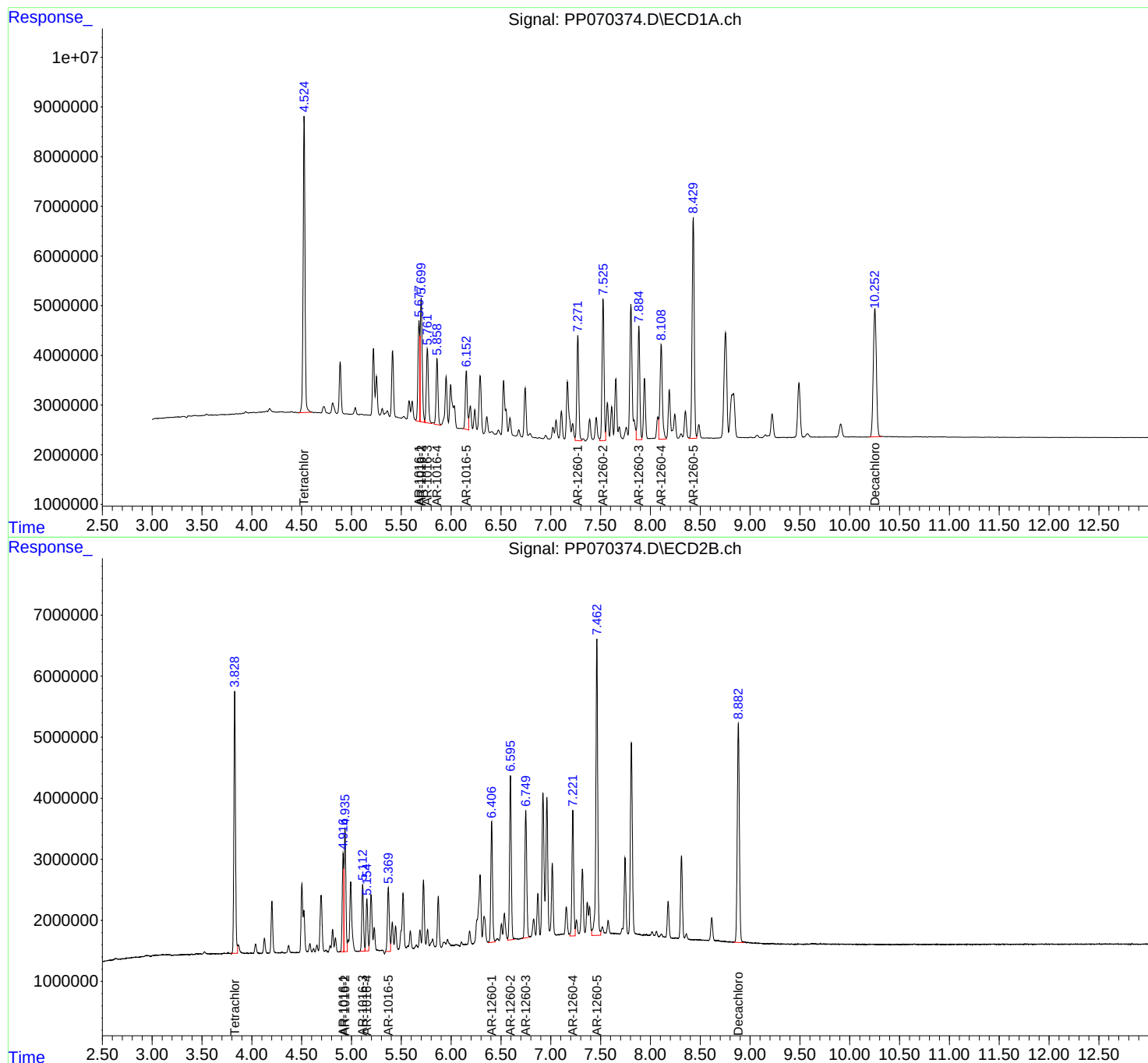
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:20:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: ATC Group Services LLC	SDG No.: Q1437
Project: K084-SCA PCBs NYC - 2022SCA421	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 02/20/2025 02/20/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	02/20/2025	16:28	PO109425.D	8.76	3.70
AR1660ICC1000	AR1660ICC1000	02/20/2025	16:46	PO109426.D	8.76	3.70
AR1660ICC750	AR1660ICC750	02/20/2025	17:04	PO109427.D	8.76	3.70
AR1660ICC500	AR1660ICC500	02/20/2025	17:23	PO109428.D	8.76	3.70
AR1660ICC250	AR1660ICC250	02/20/2025	17:41	PO109429.D	8.76	3.70
AR1660ICC050	AR1660ICC050	02/20/2025	17:59	PO109430.D	8.76	3.70
AR1221ICC500	AR1221ICC500	02/20/2025	18:18	PO109431.D	8.76	3.70
AR1232ICC500	AR1232ICC500	02/20/2025	18:36	PO109432.D	8.76	3.70
AR1242ICC1000	AR1242ICC1000	02/20/2025	18:55	PO109433.D	8.76	3.70
AR1242ICC750	AR1242ICC750	02/20/2025	19:13	PO109434.D	8.76	3.70
AR1242ICC500	AR1242ICC500	02/20/2025	19:31	PO109435.D	8.76	3.70
AR1242ICC250	AR1242ICC250	02/20/2025	19:50	PO109436.D	8.76	3.70
AR1242ICC050	AR1242ICC050	02/20/2025	20:08	PO109437.D	8.76	3.70
AR1248ICC1000	AR1248ICC1000	02/20/2025	20:26	PO109438.D	8.76	3.70
AR1248ICC750	AR1248ICC750	02/20/2025	20:45	PO109439.D	8.76	3.70
AR1248ICC500	AR1248ICC500	02/20/2025	21:03	PO109440.D	8.76	3.70
AR1248ICC250	AR1248ICC250	02/20/2025	21:21	PO109441.D	8.76	3.70
AR1248ICC050	AR1248ICC050	02/20/2025	21:40	PO109442.D	8.75	3.70
AR1254ICC1000	AR1254ICC1000	02/20/2025	21:58	PO109443.D	8.75	3.70
AR1254ICC750	AR1254ICC750	02/20/2025	22:17	PO109444.D	8.76	3.70
AR1254ICC500	AR1254ICC500	02/20/2025	22:35	PO109445.D	8.76	3.70
AR1254ICC250	AR1254ICC250	02/20/2025	22:53	PO109446.D	8.76	3.70
AR1254ICC050	AR1254ICC050	02/20/2025	23:12	PO109447.D	8.76	3.70
AR1262ICC500	AR1262ICC500	02/20/2025	23:30	PO109448.D	8.75	3.70
AR1268ICC1000	AR1268ICC1000	02/20/2025	23:48	PO109449.D	8.76	3.70
AR1268ICC750	AR1268ICC750	02/21/2025	00:07	PO109450.D	8.76	3.70
AR1268ICC500	AR1268ICC500	02/21/2025	00:25	PO109451.D	8.75	3.70
AR1268ICC250	AR1268ICC250	02/21/2025	00:43	PO109452.D	8.76	3.70
AR1268ICC050	AR1268ICC050	02/21/2025	01:02	PO109453.D	8.75	3.70
AR1660CCC500	AR1660CCC500	02/27/2025	17:49	PO109533.D	8.76	3.70
IBLK	IBLK	02/27/2025	20:12	PO109537.D	8.76	3.70
PB166889BL	PB166889BL	02/27/2025	22:57	PO109546.D	8.76	3.70
PB166889BS	PB166889BS	02/27/2025	23:16	PO109547.D	8.76	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	00:02	PO109548.D	8.76	3.70
IBLK	IBLK	02/28/2025	01:14	PO109552.D	8.76	3.70
K084-5AMS	Q1434-03MS	02/28/2025	04:16	PO109562.D	8.76	3.70
K084-5AMSD	Q1434-03MSD	02/28/2025	04:34	PO109563.D	8.76	3.70
K084-12A	Q1437-03	02/28/2025	07:18	PO109572.D	8.75	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	08:19	PO109573.D	8.75	3.70
IBLK	IBLK	02/28/2025	08:38	PO109574.D	8.75	3.70
K084-13A	Q1437-06	02/28/2025	08:55	PO109575.D	8.75	3.69
K084-14A	Q1437-09	02/28/2025	09:14	PO109576.D	8.75	3.70

Analytical Sequence

AR1660CC500	AR1660CC500	02/28/2025	10:00	PO109577.D	8.75	3.70
IBLK	IBLK	02/28/2025	10:19	PO109578.D	8.75	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	18:46	PO109600.D	8.75	3.70
IBLK	IBLK	02/28/2025	19:04	PO109601.D	8.75	3.69
K084-12ADL	Q1437-03DL	02/28/2025	23:21	PO109615.D	8.75	3.70
K084-12ADL2	Q1437-03DL2	02/28/2025	23:39	PO109616.D	8.75	3.70
K084-13ADL	Q1437-06DL	02/28/2025	23:58	PO109617.D	8.76	3.70
K084-14ADL	Q1437-09DL	03/01/2025	00:15	PO109618.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/01/2025	01:30	PO109619.D	8.75	3.70
IBLK	IBLK	03/01/2025	01:49	PO109620.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/06/2025	16:11	PO109662.D	8.76	3.70
IBLK	IBLK	03/06/2025	18:01	PO109666.D	8.76	3.70
K084-13B	Q1437-07	03/06/2025	20:10	PO109673.D	8.76	3.70
K084-14B	Q1437-10	03/06/2025	20:28	PO109674.D	8.76	3.70
AR1660CCC500	AR1660CCC500	03/06/2025	22:19	PO109677.D	8.75	3.70
IBLK	IBLK	03/07/2025	00:09	PO109681.D	8.76	3.70
PB167022BL	PB167022BL	03/07/2025	00:28	PO109682.D	8.75	3.70
PB167022BS	PB167022BS	03/07/2025	00:46	PO109683.D	8.76	3.70
K084-4CMS	Q1434-02MS	03/07/2025	02:18	PO109688.D	8.75	3.70
K084-4CMSD	Q1434-02MSD	03/07/2025	02:37	PO109689.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/07/2025	04:29	PO109692.D	8.75	3.70
IBLK	IBLK	03/07/2025	06:19	PO109696.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/07/2025	08:58	PO109698.D	8.75	3.70
IBLK	IBLK	03/07/2025	09:17	PO109699.D	8.75	3.70
K084-13BDL	Q1437-07DL	03/07/2025	09:36	PO109700.D	8.76	3.70
AR1660CCC500	AR1660CCC500	03/07/2025	12:30	PO109708.D	8.75	3.70
IBLK	IBLK	03/07/2025	13:42	PO109712.D	8.75	3.70
IBLK	IBLK	02/24/2025	14:43	PP069995.D	10.25	4.53
AR1660ICC1000	AR1660ICC1000	02/24/2025	14:59	PP069996.D	10.25	4.52
AR1660ICC750	AR1660ICC750	02/24/2025	15:15	PP069997.D	10.26	4.53
AR1660ICC500	AR1660ICC500	02/24/2025	15:32	PP069998.D	10.26	4.53
AR1660ICC250	AR1660ICC250	02/24/2025	15:48	PP069999.D	10.25	4.52
AR1660ICC050	AR1660ICC050	02/24/2025	16:04	PP070000.D	10.26	4.53
AR1221ICC500	AR1221ICC500	02/24/2025	16:20	PP070001.D	10.25	4.52
AR1232ICC500	AR1232ICC500	02/24/2025	16:37	PP070002.D	10.26	4.53
AR1242ICC1000	AR1242ICC1000	02/24/2025	16:53	PP070003.D	10.26	4.53
AR1242ICC750	AR1242ICC750	02/24/2025	17:09	PP070004.D	10.25	4.52
AR1242ICC500	AR1242ICC500	02/24/2025	17:25	PP070005.D	10.26	4.53
AR1242ICC250	AR1242ICC250	02/24/2025	17:42	PP070006.D	10.25	4.53
AR1242ICC050	AR1242ICC050	02/24/2025	17:58	PP070007.D	10.26	4.53
AR1248ICC1000	AR1248ICC1000	02/24/2025	18:14	PP070008.D	10.26	4.53
AR1248ICC750	AR1248ICC750	02/24/2025	18:30	PP070009.D	10.26	4.53
AR1248ICC500	AR1248ICC500	02/24/2025	18:46	PP070010.D	10.26	4.53
AR1248ICC250	AR1248ICC250	02/24/2025	19:03	PP070011.D	10.26	4.53
AR1248ICC050	AR1248ICC050	02/24/2025	19:19	PP070012.D	10.25	4.52
AR1254ICC1000	AR1254ICC1000	02/24/2025	19:35	PP070013.D	10.26	4.53
AR1254ICC750	AR1254ICC750	02/24/2025	19:51	PP070014.D	10.25	4.52
AR1254ICC500	AR1254ICC500	02/24/2025	20:08	PP070015.D	10.26	4.53
AR1254ICC250	AR1254ICC250	02/24/2025	20:24	PP070016.D	10.26	4.53
AR1254ICC050	AR1254ICC050	02/24/2025	20:40	PP070017.D	10.26	4.52
AR1262ICC500	AR1262ICC500	02/24/2025	20:56	PP070018.D	10.25	4.53
AR1268ICC1000	AR1268ICC1000	02/24/2025	21:12	PP070019.D	10.25	4.52

Analytical Sequence

AR1268ICC750	AR1268ICC750	02/24/2025	21:29	PP070020.D	10.25	4.53
AR1268ICC500	AR1268ICC500	02/24/2025	21:45	PP070021.D	10.26	4.53
AR1268ICC250	AR1268ICC250	02/24/2025	22:01	PP070022.D	10.25	4.52
AR1268ICC050	AR1268ICC050	02/24/2025	22:17	PP070023.D	10.26	4.53
AR1660CCC500	AR1660CCC500	03/06/2025	20:20	PP070324.D	10.26	4.53
I.BLK	I.BLK	03/06/2025	21:58	PP070328.D	10.26	4.53
K084-11B	Q1437-01	03/06/2025	22:30	PP070330.D	10.26	4.53
K084-12B	Q1437-04	03/06/2025	22:47	PP070331.D	10.26	4.52
AR1660CCC500	AR1660CCC500	03/06/2025	23:46	PP070332.D	10.26	4.53
I.BLK	I.BLK	03/07/2025	01:23	PP070336.D	10.25	4.52
AR1660CCC500	AR1660CCC500	03/07/2025	10:58	PP070344.D	10.25	4.53
I.BLK	I.BLK	03/07/2025	12:03	PP070348.D	10.25	4.53
K084-11BDL	Q1437-01DL	03/07/2025	12:52	PP070351.D	10.26	4.53
K084-12BDL	Q1437-04DL	03/07/2025	13:08	PP070352.D	10.25	4.53
K084-12BDL2	Q1437-04DL2	03/07/2025	13:24	PP070353.D	10.25	4.52
PB167029BL	PB167029BL	03/07/2025	13:41	PP070354.D	10.25	4.53
PB167029BS	PB167029BS	03/07/2025	13:57	PP070355.D	10.25	4.52
K084-11C	Q1437-02	03/07/2025	14:13	PP070356.D	10.26	4.53
K084-12C	Q1437-05	03/07/2025	14:29	PP070357.D	10.26	4.53
K084-13C	Q1437-08	03/07/2025	14:46	PP070358.D	10.25	4.52
AR1660CCC500	AR1660CCC500	03/07/2025	15:45	PP070359.D	10.25	4.53
I.BLK	I.BLK	03/07/2025	16:50	PP070363.D	10.25	4.52
RBR251372MS	Q1508-01MS	03/07/2025	18:11	PP070368.D	10.25	4.52
RBR251372MSD	Q1508-01MSD	03/07/2025	18:27	PP070369.D	10.26	4.53
AR1660CCC500	AR1660CCC500	03/07/2025	20:32	PP070374.D	10.25	4.53
I.BLK	I.BLK	03/07/2025	21:37	PP070378.D	10.25	4.53

Analytical Sequence

Client: ATC Group Services LLC

SDG No.: Q1437

Project: K084-SCA PCBs NYC - 2022SCA421

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 02/20/2025

02/20/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	02/20/2025	16:28	PO109425.D	8.71	3.69
AR1660ICC1000	AR1660ICC1000	02/20/2025	16:46	PO109426.D	8.71	3.69
AR1660ICC750	AR1660ICC750	02/20/2025	17:04	PO109427.D	8.71	3.69
AR1660ICC500	AR1660ICC500	02/20/2025	17:23	PO109428.D	8.71	3.69
AR1660ICC250	AR1660ICC250	02/20/2025	17:41	PO109429.D	8.71	3.69
AR1660ICC050	AR1660ICC050	02/20/2025	17:59	PO109430.D	8.71	3.69
AR1221ICC500	AR1221ICC500	02/20/2025	18:18	PO109431.D	8.71	3.69
AR1232ICC500	AR1232ICC500	02/20/2025	18:36	PO109432.D	8.71	3.69
AR1242ICC1000	AR1242ICC1000	02/20/2025	18:55	PO109433.D	8.71	3.69
AR1242ICC750	AR1242ICC750	02/20/2025	19:13	PO109434.D	8.71	3.69
AR1242ICC500	AR1242ICC500	02/20/2025	19:31	PO109435.D	8.71	3.69
AR1242ICC250	AR1242ICC250	02/20/2025	19:50	PO109436.D	8.71	3.69
AR1242ICC050	AR1242ICC050	02/20/2025	20:08	PO109437.D	8.71	3.69
AR1248ICC1000	AR1248ICC1000	02/20/2025	20:26	PO109438.D	8.71	3.69
AR1248ICC750	AR1248ICC750	02/20/2025	20:45	PO109439.D	8.71	3.69
AR1248ICC500	AR1248ICC500	02/20/2025	21:03	PO109440.D	8.71	3.69
AR1248ICC250	AR1248ICC250	02/20/2025	21:21	PO109441.D	8.71	3.69
AR1248ICC050	AR1248ICC050	02/20/2025	21:40	PO109442.D	8.71	3.69
AR1254ICC1000	AR1254ICC1000	02/20/2025	21:58	PO109443.D	8.71	3.69
AR1254ICC750	AR1254ICC750	02/20/2025	22:17	PO109444.D	8.71	3.69
AR1254ICC500	AR1254ICC500	02/20/2025	22:35	PO109445.D	8.71	3.69
AR1254ICC250	AR1254ICC250	02/20/2025	22:53	PO109446.D	8.71	3.69
AR1254ICC050	AR1254ICC050	02/20/2025	23:12	PO109447.D	8.71	3.69
AR1262ICC500	AR1262ICC500	02/20/2025	23:30	PO109448.D	8.71	3.69
AR1268ICC1000	AR1268ICC1000	02/20/2025	23:48	PO109449.D	8.71	3.69
AR1268ICC750	AR1268ICC750	02/21/2025	00:07	PO109450.D	8.71	3.69
AR1268ICC500	AR1268ICC500	02/21/2025	00:25	PO109451.D	8.71	3.69
AR1268ICC250	AR1268ICC250	02/21/2025	00:43	PO109452.D	8.71	3.69
AR1268ICC050	AR1268ICC050	02/21/2025	01:02	PO109453.D	8.70	3.69
AR1660CCC500	AR1660CCC500	02/27/2025	17:49	PO109533.D	8.71	3.70
IBLK	IBLK	02/27/2025	20:12	PO109537.D	8.71	3.70
PB166889BL	PB166889BL	02/27/2025	22:57	PO109546.D	8.71	3.70
PB166889BS	PB166889BS	02/27/2025	23:16	PO109547.D	8.71	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	00:02	PO109548.D	8.71	3.70
IBLK	IBLK	02/28/2025	01:14	PO109552.D	8.71	3.70
K084-5AMS	Q1434-03MS	02/28/2025	04:16	PO109562.D	8.71	3.69
K084-5AMSD	Q1434-03MSD	02/28/2025	04:34	PO109563.D	8.71	3.69
K084-12A	Q1437-03	02/28/2025	07:18	PO109572.D	8.71	3.69
AR1660CCC500	AR1660CCC500	02/28/2025	08:19	PO109573.D	8.71	3.70
IBLK	IBLK	02/28/2025	08:38	PO109574.D	8.71	3.69
K084-13A	Q1437-06	02/28/2025	08:55	PO109575.D	8.70	3.69
K084-14A	Q1437-09	02/28/2025	09:14	PO109576.D	8.70	3.69

Analytical Sequence

AR1660CC500	AR1660CC500	02/28/2025	10:00	PO109577.D	8.71	3.69
IBLK	IBLK	02/28/2025	10:19	PO109578.D	8.71	3.69
AR1660CCC500	AR1660CCC500	02/28/2025	18:46	PO109600.D	8.71	3.70
IBLK	IBLK	02/28/2025	19:04	PO109601.D	8.71	3.69
K084-12ADL	Q1437-03DL	02/28/2025	23:21	PO109615.D	8.71	3.69
K084-12ADL2	Q1437-03DL2	02/28/2025	23:39	PO109616.D	8.71	3.69
K084-13ADL	Q1437-06DL	02/28/2025	23:58	PO109617.D	8.71	3.69
K084-14ADL	Q1437-09DL	03/01/2025	00:15	PO109618.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/01/2025	01:30	PO109619.D	8.71	3.70
IBLK	IBLK	03/01/2025	01:49	PO109620.D	8.71	3.70
AR1660CCC500	AR1660CCC500	03/06/2025	16:11	PO109662.D	8.71	3.70
IBLK	IBLK	03/06/2025	18:01	PO109666.D	8.71	3.69
K084-13B	Q1437-07	03/06/2025	20:10	PO109673.D	8.71	3.69
K084-14B	Q1437-10	03/06/2025	20:28	PO109674.D	8.71	3.69
AR1660CCC500	AR1660CCC500	03/06/2025	22:19	PO109677.D	8.71	3.69
IBLK	IBLK	03/07/2025	00:09	PO109681.D	8.71	3.69
PB167022BL	PB167022BL	03/07/2025	00:28	PO109682.D	8.71	3.69
PB167022BS	PB167022BS	03/07/2025	00:46	PO109683.D	8.71	3.69
K084-4CMS	Q1434-02MS	03/07/2025	02:18	PO109688.D	8.71	3.69
K084-4CMSD	Q1434-02MSD	03/07/2025	02:37	PO109689.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/07/2025	04:29	PO109692.D	8.71	3.70
IBLK	IBLK	03/07/2025	06:19	PO109696.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/07/2025	08:58	PO109698.D	8.70	3.69
IBLK	IBLK	03/07/2025	09:17	PO109699.D	8.70	3.69
K084-13BDL	Q1437-07DL	03/07/2025	09:36	PO109700.D	8.71	3.69
AR1660CCC500	AR1660CCC500	03/07/2025	12:30	PO109708.D	8.71	3.69
IBLK	IBLK	03/07/2025	13:42	PO109712.D	8.71	3.69
IBLK	IBLK	02/24/2025	14:43	PP069995.D	8.89	3.83
AR1660ICC1000	AR1660ICC1000	02/24/2025	14:59	PP069996.D	8.89	3.83
AR1660ICC750	AR1660ICC750	02/24/2025	15:15	PP069997.D	8.89	3.83
AR1660ICC500	AR1660ICC500	02/24/2025	15:32	PP069998.D	8.89	3.83
AR1660ICC250	AR1660ICC250	02/24/2025	15:48	PP069999.D	8.89	3.83
AR1660ICC050	AR1660ICC050	02/24/2025	16:04	PP070000.D	8.89	3.83
AR1221ICC500	AR1221ICC500	02/24/2025	16:20	PP070001.D	8.89	3.83
AR1232ICC500	AR1232ICC500	02/24/2025	16:37	PP070002.D	8.89	3.83
AR1242ICC1000	AR1242ICC1000	02/24/2025	16:53	PP070003.D	8.89	3.83
AR1242ICC750	AR1242ICC750	02/24/2025	17:09	PP070004.D	8.89	3.83
AR1242ICC500	AR1242ICC500	02/24/2025	17:25	PP070005.D	8.89	3.83
AR1242ICC250	AR1242ICC250	02/24/2025	17:42	PP070006.D	8.89	3.83
AR1242ICC050	AR1242ICC050	02/24/2025	17:58	PP070007.D	8.89	3.83
AR1248ICC1000	AR1248ICC1000	02/24/2025	18:14	PP070008.D	8.89	3.83
AR1248ICC750	AR1248ICC750	02/24/2025	18:30	PP070009.D	8.89	3.83
AR1248ICC500	AR1248ICC500	02/24/2025	18:46	PP070010.D	8.89	3.83
AR1248ICC250	AR1248ICC250	02/24/2025	19:03	PP070011.D	8.89	3.83
AR1248ICC050	AR1248ICC050	02/24/2025	19:19	PP070012.D	8.89	3.83
AR1254ICC1000	AR1254ICC1000	02/24/2025	19:35	PP070013.D	8.89	3.83
AR1254ICC750	AR1254ICC750	02/24/2025	19:51	PP070014.D	8.89	3.83
AR1254ICC500	AR1254ICC500	02/24/2025	20:08	PP070015.D	8.89	3.83
AR1254ICC250	AR1254ICC250	02/24/2025	20:24	PP070016.D	8.89	3.83
AR1254ICC050	AR1254ICC050	02/24/2025	20:40	PP070017.D	8.89	3.83
AR1262ICC500	AR1262ICC500	02/24/2025	20:56	PP070018.D	8.89	3.83
AR1268ICC1000	AR1268ICC1000	02/24/2025	21:12	PP070019.D	8.89	3.83

Analytical Sequence

AR1268ICC750	AR1268ICC750	02/24/2025	21:29	PP070020.D	8.89	3.83
AR1268ICC500	AR1268ICC500	02/24/2025	21:45	PP070021.D	8.89	3.83
AR1268ICC250	AR1268ICC250	02/24/2025	22:01	PP070022.D	8.89	3.83
AR1268ICC050	AR1268ICC050	02/24/2025	22:17	PP070023.D	8.89	3.83
AR1660CCC500	AR1660CCC500	03/06/2025	20:20	PP070324.D	8.88	3.83
I.BLK	I.BLK	03/06/2025	21:58	PP070328.D	8.88	3.83
K084-11B	Q1437-01	03/06/2025	22:30	PP070330.D	8.88	3.83
K084-12B	Q1437-04	03/06/2025	22:47	PP070331.D	8.89	3.83
AR1660CCC500	AR1660CCC500	03/06/2025	23:46	PP070332.D	8.88	3.83
I.BLK	I.BLK	03/07/2025	01:23	PP070336.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/07/2025	10:58	PP070344.D	8.88	3.83
I.BLK	I.BLK	03/07/2025	12:03	PP070348.D	8.88	3.83
K084-11BDL	Q1437-01DL	03/07/2025	12:52	PP070351.D	8.88	3.83
K084-12BDL	Q1437-04DL	03/07/2025	13:08	PP070352.D	8.88	3.83
K084-12BDL2	Q1437-04DL2	03/07/2025	13:24	PP070353.D	8.88	3.83
PB167029BL	PB167029BL	03/07/2025	13:41	PP070354.D	8.88	3.83
PB167029BS	PB167029BS	03/07/2025	13:57	PP070355.D	8.88	3.83
K084-11C	Q1437-02	03/07/2025	14:13	PP070356.D	8.88	3.83
K084-12C	Q1437-05	03/07/2025	14:29	PP070357.D	8.88	3.83
K084-13C	Q1437-08	03/07/2025	14:46	PP070358.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/07/2025	15:45	PP070359.D	8.88	3.83
I.BLK	I.BLK	03/07/2025	16:50	PP070363.D	8.88	3.83
RBR251372MS	Q1508-01MS	03/07/2025	18:11	PP070368.D	8.88	3.83
RBR251372MSD	Q1508-01MSD	03/07/2025	18:27	PP070369.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/07/2025	20:32	PP070374.D	8.88	3.83
I.BLK	I.BLK	03/07/2025	21:37	PP070378.D	8.88	3.83

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB166889BS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Lab Sample ID: PB166889BS Date(s) Analyzed: 02/27/2025 02/27/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109547.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.791	4.741	4.841	142	138	2.86
COLUMN 1	2	4.811	4.761	4.861	142		
	3	4.867	4.817	4.917	139		
	4	4.988	4.938	5.038	140		
	5	5.246	5.196	5.296	128		
	1	4.779	4.729	4.829	151		
COLUMN 2	2	4.798	4.748	4.848	151	142	
	3	4.974	4.924	5.024	143		
	4	5.015	4.965	5.065	134		
	5	5.229	5.179	5.279	133		
Aroclor-1260	1	6.288	6.238	6.338	121	108	18.49
COLUMN 1	2	6.477	6.427	6.527	118		
	3	6.845	6.795	6.895	100		
	4	7.105	7.055	7.155	95.4		
	5	7.347	7.297	7.397	103		
	1	6.262	6.212	6.312	144		
COLUMN 2	2	6.449	6.399	6.499	140	130	
	3	6.602	6.552	6.652	130		
	4	7.074	7.024	7.124	111		
	5	7.315	7.265	7.365	124		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-5AMS

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1434-03MS

Date(s) Analyzed: 02/28/2025

02/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109562.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.791	4.741	4.841	204		39.85
COLUMN 1	2	4.81	4.76	4.86	189		
	3	4.866	4.816	4.916	196		
	4	4.987	4.937	5.037	187		
	5	5.244	5.194	5.294	322		
						219	
COLUMN 2	1	4.778	4.728	4.828	229		
	2	4.797	4.747	4.847	215		
	3	4.973	4.923	5.023	211		
	4	5.015	4.965	5.065	619		
	5	5.228	5.178	5.278	366		
					328		
Aroclor-1254	1	5.6	5.55	5.65	897		13.33
COLUMN 1	2	5.75	5.7	5.8	1340		
	3	6.156	6.106	6.206	1790		
	4	6.385	6.335	6.435	2020		
	5	6.805	6.755	6.855	4630		
						2100	
COLUMN 2	1	5.58	5.53	5.63	1030		
	2	5.728	5.678	5.778	1480		
	3	6.131	6.081	6.181	2060		
	4	6.359	6.309	6.409	2350		
	5	6.776	6.726	6.826	5300		
					2400		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.287	6.237	6.337	1440	709	34.06	
	2	6.476	6.426	6.526	1250			
	3	6.877	6.827	6.927	189			
	4	7.105	7.055	7.155	366			
	5	7.347	7.297	7.397	301			
COLUMN 1								
	1	6.262	6.212	6.312	1590	1000		
	2	6.449	6.399	6.499	1350			
	3	6.602	6.552	6.652	1320			
	4	7.074	7.024	7.124	398			
5	7.315	7.265	7.365	353				
COLUMN 2								
Aroclor-1268	1	7.633	7.583	7.683	70.9	107	13.1	
	2	7.694	7.644	7.744	248			
	3	7.906	7.856	7.956	39.5			
	4	8.194	8.144	8.244	135			
	5	8.493	8.443	8.543	40.8			
COLUMN 1								
	1	7.599	7.549	7.649	79.0	122		
	2	7.661	7.611	7.711	275			
	3	7.871	7.821	7.921	42.7			
	4	8.156	8.106	8.206	161			
5	8.45	8.4	8.5	52.7				
COLUMN 2								

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-5AMSD

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1434-03MSD

Date(s) Analyzed: 02/28/2025

02/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109563.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.791	4.741	4.841	202	219	39.85
COLUMN 1	2	4.811	4.761	4.861	188		
	3	4.866	4.816	4.916	196		
	4	4.988	4.938	5.038	186		
	5	5.245	5.195	5.295	322		
	1	4.778	4.728	4.828	229		
COLUMN 2	2	4.797	4.747	4.847	215	328	
	3	4.973	4.923	5.023	212		
	4	5.015	4.965	5.065	622		
	5	5.228	5.178	5.278	365		
Aroclor-1254	1	5.601	5.551	5.651	899	2100	17.39
COLUMN 1	2	5.75	5.7	5.8	1330		
	3	6.156	6.106	6.206	1790		
	4	6.385	6.335	6.435	1990		
	5	6.806	6.756	6.856	4640		
	1	5.58	5.53	5.63	1030		
COLUMN 2	2	5.728	5.678	5.778	1490	2500	
	3	6.131	6.081	6.181	2070		
	4	6.358	6.308	6.408	2370		
	5	6.776	6.726	6.826	5340		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.288	6.238	6.338	1430	705	34.6
	2	6.476	6.426	6.526	1230		
	3	6.877	6.827	6.927	191		
	4	7.105	7.055	7.155	369		
	5	7.347	7.297	7.397	303		
COLUMN 1							
COLUMN 2	1	6.261	6.211	6.311	1600	1000	
	2	6.449	6.399	6.499	1370		
	3	6.602	6.552	6.652	1340		
	4	7.074	7.024	7.124	400		
	5	7.314	7.264	7.364	355		
Aroclor-1268	1	7.633	7.583	7.683	69.3	106	14.85
	2	7.695	7.645	7.745	245		
	3	7.907	7.857	7.957	39.6		
	4	8.193	8.143	8.243	135		
	5	8.493	8.443	8.543	43.5		
COLUMN 1							
COLUMN 2	1	7.599	7.549	7.649	78.3	123	
	2	7.661	7.611	7.711	275		
	3	7.871	7.821	7.921	46.0		
	4	8.156	8.106	8.206	161		
	5	8.45	8.4	8.5	52.5		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-12A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Lab Sample ID: Q1437-03 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109572.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.599	5.549	5.649	3080	5700	19.05
COLUMN 1	2	5.749	5.699	5.799	4090		
	3	6.155	6.105	6.205	5190		
	4	6.384	6.334	6.434	5540		
	5	6.805	6.755	6.855	10400		
	1	5.579	5.529	5.629	3510		
COLUMN 2	2	5.727	5.677	5.777	4530	6900	
	3	6.13	6.08	6.18	5990		
	4	6.357	6.307	6.407	6560		
	5	6.774	6.724	6.824	13800		
Aroclor-1268	1	7.631	7.581	7.681	471	487	11.06
COLUMN 1	2	7.694	7.644	7.744	825		
	3	7.905	7.855	7.955	347		
	4	8.193	8.143	8.243	423		
	5	8.491	8.441	8.541	369		
	1	7.597	7.547	7.647	511		
COLUMN 2	2	7.66	7.61	7.71	900	544	
	3	7.869	7.819	7.919	388		
	4	8.154	8.104	8.204	503		
	5	8.448	8.398	8.498	418		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-13A

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-06

Date(s) Analyzed: 02/28/2025

02/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109575.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.597	5.547	5.647	2140	4700	19.23
COLUMN 1	2	5.746	5.696	5.796	3040		
	3	6.152	6.102	6.202	3890		
	4	6.382	6.332	6.432	4370		
	5	6.803	6.753	6.853	10100		
	1	5.579	5.529	5.629	2410		
COLUMN 2	2	5.726	5.676	5.776	3330	5700	
	3	6.129	6.079	6.179	4460		
	4	6.358	6.308	6.408	5120		
	5	6.774	6.724	6.824	13200		
Aroclor-1268	1	7.63	7.58	7.68	77.3	129	9.59
COLUMN 1	2	7.69	7.64	7.74	334		
	3	7.903	7.853	7.953	56.2		
	4	8.19	8.14	8.24	124		
	5	8.489	8.439	8.539	55.6		
	1	7.597	7.547	7.647	72.8		
COLUMN 2	2	7.658	7.608	7.708	368	142	
	3	7.87	7.82	7.92	63.2		
	4	8.154	8.104	8.204	142		
	5	8.448	8.398	8.498	65.0		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-14A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Lab Sample ID: Q1437-09 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109576.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.6	5.55	5.65	827	2300	16
COLUMN 1	2	5.749	5.699	5.799	1250		
	3	6.155	6.105	6.205	1500		
	4	6.384	6.334	6.434	1480		
	5	6.803	6.753	6.853	6630		
COLUMN 2	1	5.58	5.53	5.63	928	2700	
	2	5.727	5.677	5.777	1360		
	3	6.13	6.08	6.18	1720		
	4	6.357	6.307	6.407	1730		
	5	6.774	6.724	6.824	7620		
Aroclor-1268	1	7.631	7.581	7.681	257	254	9.74
COLUMN 1	2	7.695	7.645	7.745	385		
	3	7.904	7.854	7.954	186		
	4	8.192	8.142	8.242	250		
	5	8.491	8.441	8.541	191		
COLUMN 2	1	7.597	7.547	7.647	269	280	
	2	7.661	7.611	7.711	416		
	3	7.869	7.819	7.919	205		
	4	8.154	8.104	8.204	294		
	5	8.447	8.397	8.497	218		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-12ADL

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-03DL

Date(s) Analyzed: 02/28/2025

02/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109615.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.601	5.551	5.651	3480	6700	8.57
COLUMN 1	2	5.749	5.699	5.799	4670		
	3	6.156	6.106	6.206	5960		
	4	6.385	6.335	6.435	6120		
	5	6.805	6.755	6.855	13400		
	1	5.58	5.53	5.63	3740		
COLUMN 2	2	5.727	5.677	5.777	4850	7300	
	3	6.131	6.081	6.181	6420		
	4	6.358	6.308	6.408	6760		
	5	6.775	6.725	6.825	14500		
Aroclor-1268	1	7.633	7.583	7.683	563	585	6.29
COLUMN 1	2	7.696	7.646	7.746	967		
	3	7.906	7.856	7.956	424		
	4	8.194	8.144	8.244	534		
	5	8.493	8.443	8.543	436		
	1	7.598	7.548	7.648	579		
COLUMN 2	2	7.662	7.612	7.712	1010	623	
	3	7.87	7.82	7.92	448		
	4	8.155	8.105	8.205	600		
	5	8.449	8.399	8.499	474		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-12ADL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Lab Sample ID: Q1437-03DL2 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109616.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.599	5.549	5.649	4080	7300	5.33
COLUMN 1	2	5.749	5.699	5.799	5410		
	3	6.155	6.105	6.205	6590		
	4	6.384	6.334	6.434	6630		
	5	6.804	6.754	6.854	13600		
	1	5.579	5.529	5.629	4330		
COLUMN 2	2	5.727	5.677	5.777	5600	7700	
	3	6.13	6.08	6.18	6960		
	4	6.357	6.307	6.407	7250		
	5	6.775	6.725	6.825	14600		
	Aroclor-1268	1	7.631	7.581	7.681		665
COLUMN 1	2	7.695	7.645	7.745	1110		
	3	7.905	7.855	7.955	496		
	4	8.192	8.142	8.242	642		
	5	8.491	8.441	8.541	480		
	1	7.598	7.548	7.648	709	742	
COLUMN 2	2	7.66	7.61	7.71	1150		
	3	7.87	7.82	7.92	554		
	4	8.154	8.104	8.204	730		
	5	8.448	8.398	8.498	565		
							9.01

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-13ADL

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-06DL

Date(s) Analyzed: 02/28/2025

02/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109617.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.6	5.55	5.65	2640	5500	7.02
COLUMN 1	2	5.749	5.699	5.799	3720		
	3	6.155	6.105	6.205	4580		
	4	6.384	6.334	6.434	4780		
	5	6.804	6.754	6.854	11900		
	1	5.579	5.529	5.629	2790		
COLUMN 2	2	5.727	5.677	5.777	3850	5900	
	3	6.13	6.08	6.18	4820		
	4	6.358	6.308	6.408	5230		
	5	6.775	6.725	6.825	12700		
Aroclor-1268	1	7.633	7.583	7.683	120	178	9.63
COLUMN 1	2	7.693	7.643	7.743	433		
	3	7.905	7.855	7.955	83.6		
	4	8.193	8.143	8.243	170		
	5	8.492	8.442	8.542	82.1		
	1	7.598	7.548	7.648	127		
COLUMN 2	2	7.659	7.609	7.709	469	196	
	3	7.869	7.819	7.919	92.4		
	4	8.155	8.105	8.205	195		
	5	8.448	8.398	8.498	96.5		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-14ADL

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-09DL

Date(s) Analyzed: 03/01/2025

03/01/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109618.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.598	5.548	5.648	994	2500	3.92
COLUMN 1	2	5.747	5.697	5.797	1510		
	3	6.153	6.103	6.203	1750		
	4	6.381	6.331	6.431	1630		
	5	6.802	6.752	6.852	6410		
	1	5.579	5.529	5.629	1060		
COLUMN 2	2	5.726	5.676	5.776	1550	2600	
	3	6.129	6.079	6.179	1850		
	4	6.357	6.307	6.407	1780		
	5	6.774	6.724	6.824	6820		
Aroclor-1268	1	7.63	7.58	7.68	322	314	7.66
COLUMN 1	2	7.693	7.643	7.743	455		
	3	7.903	7.853	7.953	235		
	4	8.191	8.141	8.241	334		
	5	8.49	8.44	8.54	222		
	1	7.597	7.547	7.647	333		
COLUMN 2	2	7.66	7.61	7.71	481	339	
	3	7.869	7.819	7.919	259		
	4	8.153	8.103	8.203	366		
	5	8.447	8.397	8.497	258		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-13B

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-07

Date(s) Analyzed: 03/06/2025

03/06/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

Data file PO109673.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.6	5.55	5.65	647	1500	6.45
COLUMN 1	2	5.749	5.699	5.799	962		
	3	6.156	6.106	6.206	1130		
	4	6.385	6.335	6.435	1170		
	5	6.804	6.754	6.854	3540		
	1	5.579	5.529	5.629	706		
COLUMN 2	2	5.727	5.677	5.777	1020	1600	
	3	6.13	6.08	6.18	1230		
	4	6.358	6.308	6.408	1300		
	5	6.775	6.725	6.825	3970		
Aroclor-1268	1	7.633	7.583	7.683	50.2	57.9	6.68
COLUMN 1	2	7.694	7.644	7.744	113		
	3	7.905	7.855	7.955	34.8		
	4	8.193	8.143	8.243	59.6		
	5	8.492	8.442	8.542	32.0		
	1	7.598	7.548	7.648	52.5		
COLUMN 2	2	7.66	7.61	7.71	115	61.9	
	3	7.87	7.82	7.92	37.9		
	4	8.155	8.105	8.205	68.0		
	5	8.449	8.399	8.499	36.6		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-14B

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-10

Date(s) Analyzed: 03/06/2025

03/06/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109674.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.6	5.55	5.65	116	251	10.21
COLUMN 1	2	5.749	5.699	5.799	184		
	3	6.155	6.105	6.205	203		
	4	6.384	6.334	6.434	197		
	5	6.804	6.754	6.854	557		
	1	5.579	5.529	5.629	127		
COLUMN 2	2	5.726	5.676	5.776	197	278	
	3	6.13	6.08	6.18	222		
	4	6.357	6.307	6.407	220		
	5	6.774	6.724	6.824	623		
Aroclor-1268	1	7.633	7.583	7.683	34.8	35.6	8.09
COLUMN 1	2	7.696	7.646	7.746	54.6		
	3	7.906	7.856	7.956	23.4		
	4	8.193	8.143	8.243	44.3		
	5	8.493	8.443	8.543	21.2		
	1	7.597	7.547	7.647	36.9		
COLUMN 2	2	7.661	7.611	7.711	58.3	38.6	
	3	7.87	7.82	7.92	26.4		
	4	8.155	8.105	8.205	45.6		
	5	8.449	8.399	8.499	25.9		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167022BS

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: PB167022BS

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109683.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.791	4.741	4.841	160	159	5.5
COLUMN 1	2	4.81	4.76	4.86	162		
	3	4.866	4.816	4.916	160		
	4	4.987	4.937	5.037	161		
	5	5.244	5.194	5.294	152		
	1	4.778	4.728	4.828	170		
COLUMN 2	2	4.797	4.747	4.847	173	168	
	3	4.973	4.923	5.023	172		
	4	5.014	4.964	5.064	163		
	5	5.228	5.178	5.278	161		
Aroclor-1260	1	6.287	6.237	6.337	162	151	8.25
COLUMN 1	2	6.475	6.425	6.525	163		
	3	6.844	6.794	6.894	139		
	4	7.105	7.055	7.155	144		
	5	7.346	7.296	7.396	146		
	1	6.261	6.211	6.311	171		
COLUMN 2	2	6.449	6.399	6.499	172	164	
	3	6.602	6.552	6.652	173		
	4	7.074	7.024	7.124	149		
	5	7.314	7.264	7.364	154		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-4CMS

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1434-02MS

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109688.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.791	4.741	4.841	226	216	17.34
COLUMN 1	2	4.81	4.76	4.86	220		
	3	4.867	4.817	4.917	218		
	4	4.987	4.937	5.037	208		
	5	5.245	5.195	5.295	209		
	1	4.777	4.727	4.827	249		
COLUMN 2	2	4.796	4.746	4.846	246	257	
	3	4.972	4.922	5.022	231		
	4	5.014	4.964	5.064	326		
	5	5.227	5.177	5.277	233		
Aroclor-1254	1	5.601	5.551	5.651	420	1500	12.5
COLUMN 1	2	5.749	5.699	5.799	807		
	3	6.155	6.105	6.205	1120		
	4	6.385	6.335	6.435	795		
	5	6.805	6.755	6.855	4250		
	1	5.579	5.529	5.629	474		
COLUMN 2	2	5.727	5.677	5.777	876	1700	
	3	6.13	6.08	6.18	1260		
	4	6.357	6.307	6.407	921		
	5	6.774	6.724	6.824	4820		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.287	6.237	6.337	952		
	2	6.477	6.427	6.527	841		
	3	6.877	6.827	6.927	93.0		
	4	7.105	7.055	7.155	368		
	5	7.347	7.297	7.397	292		
COLUMN 1						509	
	1	6.26	6.21	6.31	1030		
	2	6.448	6.398	6.498	913		
	3	6.6	6.55	6.65	895		
	4	7.074	7.024	7.124	392		
5	7.314	7.264	7.364	321			
COLUMN 2						711	33.11
	1	7.632	7.582	7.682	83.6		
	2	7.695	7.645	7.745	252		
	3	7.906	7.856	7.956	46.7		
	4	8.193	8.143	8.243	162		
5	8.492	8.442	8.542	47.5			
Aroclor-1268						118	
	1	7.599	7.549	7.649	87.0		
	2	7.66	7.61	7.71	269		
	3	7.87	7.82	7.92	52.0		
	4	8.155	8.105	8.205	191		
5	8.448	8.398	8.498	55.0			
COLUMN 1						131	10.44
COLUMN 2							

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-4CMSD

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1434-02MSD

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109689.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD	
			FROM	TO				
Aroclor-1016	1	4.79	4.74	4.84	211	201	19.33	
	2	4.81	4.76	4.86	208			
	3	4.866	4.816	4.916	200			
	4	4.987	4.937	5.037	186			
	5	5.244	5.194	5.294	200			
COLUMN 1								
	1	4.778	4.728	4.828	234	244		
	2	4.797	4.747	4.847	232			
	3	4.973	4.923	5.023	207			
	4	5.014	4.964	5.064	326			
5	5.227	5.177	5.277	223				
COLUMN 2								
	1	5.6	5.55	5.65	464	1700	11.11	
	2	5.749	5.699	5.799	840			
	3	6.155	6.105	6.205	1270			
	4	6.384	6.334	6.434	937			
5	6.804	6.754	6.854	4920				
COLUMN 1								
	1	5.58	5.53	5.63	522	1900		
	2	5.727	5.677	5.777	909			
	3	6.13	6.08	6.18	1420			
	4	6.358	6.308	6.408	1080			
5	6.775	6.725	6.825	5600				
COLUMN 2								

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.287	6.237	6.337	1050		
	2	6.476	6.426	6.526	1000		
	3	6.876	6.826	6.926	109		
	4	7.104	7.054	7.154	389		
	5	7.346	7.296	7.396	302		
COLUMN 1						571	
	1	6.261	6.211	6.311	1140		
	2	6.449	6.399	6.499	1100		
	3	6.601	6.551	6.651	1020		
	4	7.073	7.023	7.123	415		
5	7.314	7.264	7.364	332			
COLUMN 2						801	33.53
	1	7.632	7.582	7.682	103		
	2	7.695	7.645	7.745	297		
	3	7.906	7.856	7.956	55.0		
	4	8.194	8.144	8.244	173		
5	8.492	8.442	8.542	57.1			
Aroclor-1268						137	
	1	7.599	7.549	7.649	107		
	2	7.661	7.611	7.711	317		
	3	7.87	7.82	7.92	60.7		
	4	8.155	8.105	8.205	201		
5	8.449	8.399	8.499	65.9			
COLUMN 1						150	9.06
COLUMN 2							

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-13BDL

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-07DL

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO109700.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.601	5.551	5.651	838	1700	11.11
COLUMN 1	2	5.749	5.699	5.799	1210		
	3	6.155	6.105	6.205	1370		
	4	6.385	6.335	6.435	1420		
	5	6.804	6.754	6.854	3770		
	1	5.578	5.528	5.628	882		
COLUMN 2	2	5.726	5.676	5.776	1250	1900	
	3	6.129	6.079	6.179	1440		
	4	6.356	6.306	6.406	1540		
	5	6.773	6.723	6.823	4150		
	Aroclor-1268	1	7.632	7.582	7.682		65.3
COLUMN 1	2	7.694	7.644	7.744	142		
	3	7.904	7.854	7.954	44.7		
	4	8.194	8.144	8.244	72.0		
	5	8.493	8.443	8.543	41.3		
	1	7.597	7.547	7.647	67.8	80.1	
COLUMN 2	2	7.658	7.608	7.708	152		
	3	7.869	7.819	7.919	49.4		
	4	8.153	8.103	8.203	82.2		
	5	8.447	8.397	8.497	48.8		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-11B

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-01

Date(s) Analyzed: 03/06/2025

03/06/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP070330.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.53	6.48	6.58	1700	3600	2.82
COLUMN 1	2	6.747	6.697	6.797	2250		
	3	7.11	7.06	7.16	3140		
	4	7.393	7.343	7.443	3110		
	5	7.814	7.764	7.864	7870		
	1	5.723	5.673	5.773	1740		
COLUMN 2	2	5.872	5.822	5.922	2420	3500	
	3	6.277	6.227	6.327	3300		
	4	6.505	6.455	6.555	3290		
	5	6.923	6.873	6.973	6800		
Aroclor-1268	1	8.754	8.704	8.804	356	223	14.17
COLUMN 1	2	8.842	8.792	8.892	224		
	3	9.076	9.026	9.126	186		
	4	9.496	9.446	9.546	170		
	5	9.916	9.866	9.966	180		
	1	7.747	7.697	7.797	223		
COLUMN 2	2	7.811	7.761	7.861	482	257	
	3	8.019	7.969	8.069	194		
	4	8.314	8.264	8.364	197		
	5	8.617	8.567	8.667	189		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-12B

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-04

Date(s) Analyzed: 03/06/2025

03/06/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP070331.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.528	6.478	6.578	1990	4100	0
COLUMN 1	2	6.744	6.694	6.794	2600		
	3	7.108	7.058	7.158	3500		
	4	7.39	7.34	7.44	3680		
	5	7.811	7.761	7.861	8650		
	1	5.724	5.674	5.774	2060		
COLUMN 2	2	5.873	5.823	5.923	2810	4100	
	3	6.278	6.228	6.328	3670		
	4	6.506	6.456	6.556	3990		
	5	6.924	6.874	6.974	7770		
Aroclor-1268	1	8.748	8.698	8.798	873	671	7.18
COLUMN 1	2	8.839	8.789	8.889	813		
	3	9.073	9.023	9.123	512		
	4	9.492	9.442	9.542	648		
	5	9.912	9.862	9.962	509		
	1	7.748	7.698	7.798	768		
COLUMN 2	2	7.812	7.762	7.862	1090	721	
	3	8.02	7.97	8.07	535		
	4	8.314	8.264	8.364	676		
	5	8.618	8.568	8.668	538		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-11BDL

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-01DL

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP070351.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.53	6.48	6.58	2360	4500	0
COLUMN 1	2	6.746	6.696	6.796	3020		
	3	7.11	7.06	7.16	4170		
	4	7.392	7.342	7.442	4030		
	5	7.811	7.761	7.861	8840		
COLUMN 2	1	5.724	5.674	5.774	2640	4500	
	2	5.872	5.822	5.922	3600		
	3	6.276	6.226	6.326	4390		
	4	6.505	6.455	6.555	4520		
	5	6.923	6.873	6.973	7390		
Aroclor-1268	1	8.753	8.703	8.803	518	332	17.08
COLUMN 1	2	8.841	8.791	8.891	329		
	3	9.075	9.025	9.125	249		
	4	9.492	9.442	9.542	305		
	5	9.913	9.863	9.963	261		
COLUMN 2	1	7.747	7.697	7.797	360	394	
	2	7.81	7.76	7.86	718		
	3	8.019	7.969	8.069	253		
	4	8.313	8.263	8.363	370		
	5	8.617	8.567	8.667	268		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-12BDL

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-04DL

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP070352.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.529	6.479	6.579	2020	3900	2.53
COLUMN 1	2	6.745	6.695	6.795	2600		
	3	7.109	7.059	7.159	3400		
	4	7.39	7.34	7.44	3520		
	5	7.809	7.759	7.859	8080		
	1	5.723	5.673	5.773	2140		
COLUMN 2	2	5.872	5.822	5.922	2880	4000	
	3	6.277	6.227	6.327	3620		
	4	6.505	6.455	6.555	3980		
	5	6.923	6.873	6.973	7350		
Aroclor-1268	1	8.747	8.697	8.797	872	685	7.72
COLUMN 1	2	8.839	8.789	8.889	830		
	3	9.072	9.022	9.122	530		
	4	9.492	9.442	9.542	669		
	5	9.91	9.86	9.96	523		
	1	7.747	7.697	7.797	788		
COLUMN 2	2	7.812	7.762	7.862	1090	740	
	3	8.018	7.968	8.068	556		
	4	8.313	8.263	8.363	721		
	5	8.618	8.568	8.668	544		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-12BDL2

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-04DL2

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP070353.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.527	6.477	6.577	3250	5900	0
COLUMN 1	2	6.744	6.694	6.794	4110		
	3	7.107	7.057	7.157	5190		
	4	7.39	7.34	7.44	5640		
	5	7.807	7.757	7.857	11500		
	1	5.723	5.673	5.773	3370		
COLUMN 2	2	5.872	5.822	5.922	4490	5900	
	3	6.277	6.227	6.327	5580		
	4	6.504	6.454	6.554	6070		
	5	6.923	6.873	6.973	10100		
Aroclor-1268	1	8.746	8.696	8.796	1390	1000	9.52
COLUMN 1	2	8.837	8.787	8.887	1330		
	3	9.072	9.022	9.122	784		
	4	9.491	9.441	9.541	959		
	5	9.91	9.86	9.96	779		
	1	7.746	7.696	7.796	1220		
COLUMN 2	2	7.81	7.76	7.86	1660	1100	
	3	8.018	7.968	8.068	858		
	4	8.312	8.262	8.362	1140		
	5	8.617	8.567	8.667	829		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167029BS

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: PB167029BS

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP070355.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.677	5.627	5.727	147	148	5.26
COLUMN 1	2	5.699	5.649	5.749	153		
	3	5.761	5.711	5.811	146		
	4	5.859	5.809	5.909	144		
	5	6.152	6.102	6.202	150		
	1	4.918	4.868	4.968	154		
COLUMN 2	2	4.937	4.887	4.987	155	156	
	3	5.114	5.064	5.164	160		
	4	5.155	5.105	5.205	155		
	5	5.371	5.321	5.421	155		
Aroclor-1260	1	7.271	7.221	7.321	155	144	2.06
COLUMN 1	2	7.525	7.475	7.575	150		
	3	7.883	7.833	7.933	133		
	4	8.108	8.058	8.158	145		
	5	8.429	8.379	8.479	138		
	1	6.408	6.358	6.458	151		
COLUMN 2	2	6.596	6.546	6.646	153	147	
	3	6.75	6.7	6.8	145		
	4	7.222	7.172	7.272	140		
	5	7.463	7.413	7.513	149		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-11C

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-02

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

Data file PP070356.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.53	6.48	6.58	291	529	4.44
COLUMN 1	2	6.746	6.696	6.796	351		
	3	7.109	7.059	7.159	439		
	4	7.392	7.342	7.442	422		
	5	7.825	7.775	7.875	1140		
COLUMN 2	1	5.723	5.673	5.773	297	506	
	2	5.872	5.822	5.922	380		
	3	6.277	6.227	6.327	462		
	4	6.505	6.455	6.555	455		
	5	6.923	6.873	6.973	935		
Aroclor-1268	1	8.754	8.704	8.804	30.4	17.2	25.38
COLUMN 1	2	8.84	8.79	8.89	18.0		
	3	9.074	9.024	9.124	11.5		
	4	9.492	9.442	9.542	14.3		
	5	9.913	9.863	9.963	11.7		
COLUMN 2	1	7.747	7.697	7.797	20.3	22.2	
	2	7.809	7.759	7.859	39.5		
	3	8.019	7.969	8.069	13.6		
	4	8.313	8.263	8.363	24.1		
	5	8.617	8.567	8.667	13.4		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-12C

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1437-05

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP070357.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.529	6.479	6.579	48.6	122	13.1
COLUMN 1	2	6.745	6.695	6.795	60.0		
	3	7.109	7.059	7.159	84.2		
	4	7.391	7.341	7.441	86.1		
	5	7.824	7.774	7.874	331		
	1	5.722	5.672	5.772	49.1		
COLUMN 2	2	5.871	5.821	5.921	77.1	107	
	3	6.276	6.226	6.326	91.1		
	4	6.551	6.501	6.601	46.3		
	5	6.921	6.871	6.971	272		
Aroclor-1268	1	8.748	8.698	8.798	23.7	17.1	10.53
COLUMN 1	2	8.841	8.791	8.891	20.6		
	3	9.073	9.023	9.123	13.7		
	4	9.493	9.443	9.543	14.5		
	5	9.911	9.861	9.961	12.9		
	1	7.746	7.696	7.796	21.2		
COLUMN 2	2	7.81	7.76	7.86	28.8	19.0	
	3	8.017	7.967	8.067	13.7		
	4	8.312	8.262	8.362	17.1		
	5	8.615	8.565	8.665	14.1		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-13C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1437 SAS No.: Q1437 SDG NO.: Q1437

Lab Sample ID: Q1437-08 Date(s) Analyzed: 03/07/2025 03/07/2025

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

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

Data file PP070358.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.525	6.475	6.575	148	406	7.94
COLUMN 1	2	6.742	6.692	6.792	182		
	3	7.105	7.055	7.155	243		
	4	7.388	7.338	7.438	249		
	5	7.821	7.771	7.871	1210		
	1	5.723	5.673	5.773	141		
COLUMN 2	2	5.872	5.822	5.922	220	375	
	3	6.276	6.226	6.326	262		
	4	6.504	6.454	6.554	266		
	5	6.922	6.872	6.972	986		
Aroclor-1268	1	8.747	8.697	8.797	34.0	20.6	20.09
COLUMN 1	2	8.836	8.786	8.886	23.1		
	3	9.07	9.02	9.12	13.5		
	4	9.488	9.438	9.538	18.3		
	5	9.907	9.857	9.957	14.2		
	1	7.747	7.697	7.797	26.6		
COLUMN 2	2	7.81	7.76	7.86	42.0	25.2	
	3	8.018	7.968	8.068	15.8		
	4	8.312	8.262	8.362	26.1		
	5	8.616	8.566	8.666	15.3		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

RBR251372MS

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1508-01MS

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP070368.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.678	5.628	5.728	99.3	122	21.9
COLUMN 1	2	5.7	5.65	5.75	118		
	3	5.761	5.711	5.811	149		
	4	5.858	5.808	5.908	142		
	5	6.152	6.102	6.202	102		
	1	4.919	4.869	4.969	108		
COLUMN 2	2	4.938	4.888	4.988	136	152	
	3	5.115	5.065	5.165	114		
	4	5.158	5.108	5.208	208		
	5	5.372	5.322	5.422	195		
Aroclor-1254	1	6.527	6.477	6.577	154	159	18.56
COLUMN 1	2	6.744	6.694	6.794	126		
	3	7.107	7.057	7.157	114		
	4	7.39	7.34	7.44	117		
	5	7.804	7.754	7.854	285		
	1	5.726	5.676	5.776	139		
COLUMN 2	2	5.875	5.825	5.925	133	132	
	3	6.279	6.229	6.329	100		
	4	6.507	6.457	6.557	90.2		
	5	6.925	6.875	6.975	197		



Aroclor-1260	1	7.272	7.222	7.322	183		
	2	7.525	7.475	7.575	192		
	3	7.883	7.833	7.933	178		
	4	8.106	8.056	8.156	234		
	5	8.428	8.378	8.478	162		
COLUMN 1						190	24.85
	1	6.41	6.36	6.46	156		
	2	6.598	6.548	6.648	149		
	3	6.75	6.7	6.8	141		
	4	7.223	7.173	7.273	144		
5	7.463	7.413	7.513	148	148		
COLUMN 2							

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

RBR251372MSD

Contract: ATCE02

Lab Code: CHEM

Case No.: Q1437

SAS No.: Q1437

SDG NO.: Q1437

Lab Sample ID: Q1508-01MSD

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP070369.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.681	5.631	5.731	103	125	22.06
COLUMN 1	2	5.704	5.654	5.754	120		
	3	5.765	5.715	5.815	151		
	4	5.861	5.811	5.911	145		
	5	6.155	6.105	6.205	108		
	1	4.918	4.868	4.968	116		
COLUMN 2	2	4.937	4.887	4.987	129	156	
	3	5.114	5.064	5.164	128		
	4	5.156	5.106	5.206	211		
	5	5.371	5.321	5.421	197		
Aroclor-1254	1	6.53	6.48	6.58	156	173	26.14
COLUMN 1	2	6.748	6.698	6.798	133		
	3	7.11	7.06	7.16	119		
	4	7.394	7.344	7.444	123		
	5	7.809	7.759	7.859	333		
	1	5.725	5.675	5.775	142	133	
COLUMN 2	2	5.873	5.823	5.923	133		
	3	6.278	6.228	6.328	96.0		
	4	6.506	6.456	6.556	91.6		
	5	6.923	6.873	6.973	203		

IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.275	7.225	7.325	194		
	2	7.529	7.479	7.579	200		
	3	7.886	7.836	7.936	187		
	4	8.11	8.06	8.16	246		
	5	8.432	8.382	8.482	160		
COLUMN 1						197	21.35
	1	6.409	6.359	6.459	164		
	2	6.596	6.546	6.646	155		
	3	6.749	6.699	6.799	149		
	4	7.222	7.172	7.272	158		
5	7.462	7.412	7.512	168	159		
COLUMN 2							



QC SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB166889BL	SDG No.:	Q1437
Lab Sample ID:	PB166889BL	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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109546.D	1	02/27/25 09:15	02/27/25 22:57	PB166889

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
Total PCBs	Total PCBs	7.90	U	7.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		32 - 175	79%	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_O\Data\P0022725\
Data File : P0109546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 22:57
Operator : YP/AJ
Sample : PB166889BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB166889BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:26:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.695	180.3E6	99328984	19.049	18.977
2) SA Decachlor...	8.755	8.706	118.5E6	50479265	13.772	15.853

Target Compounds

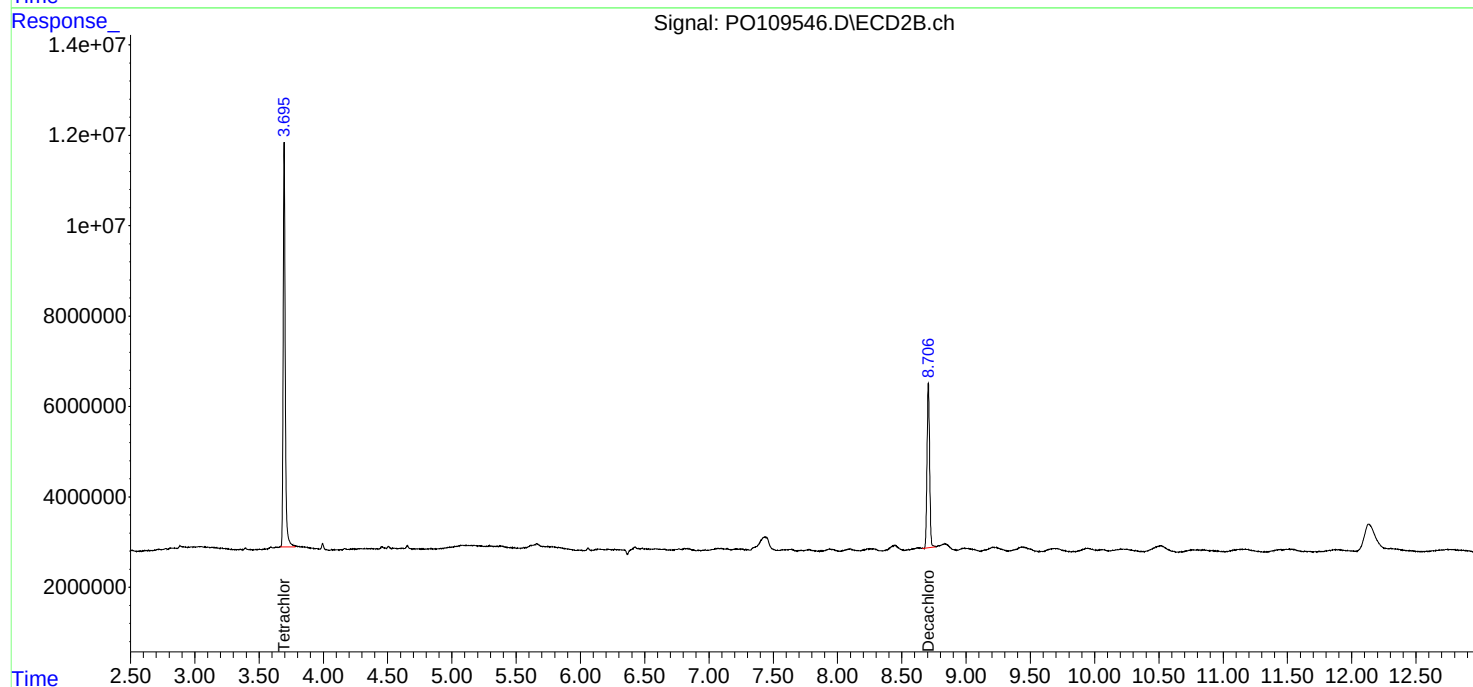
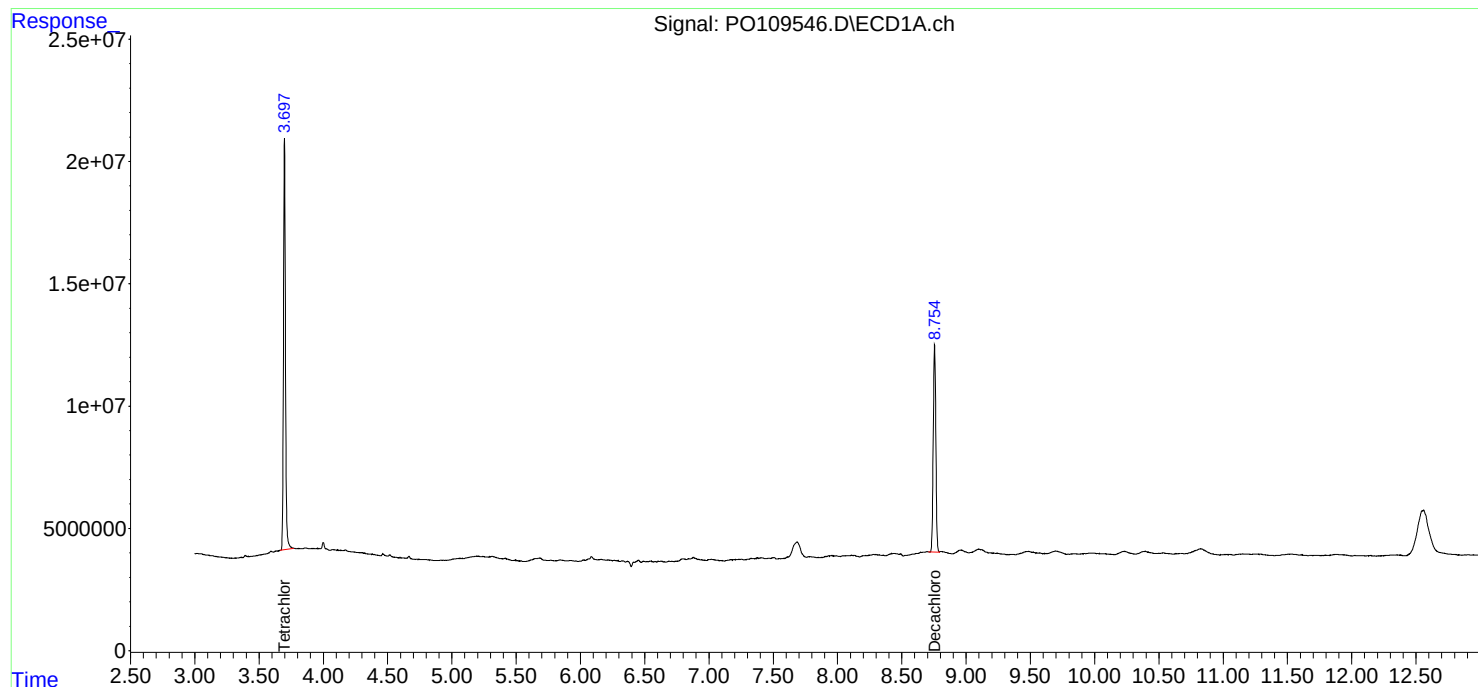
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

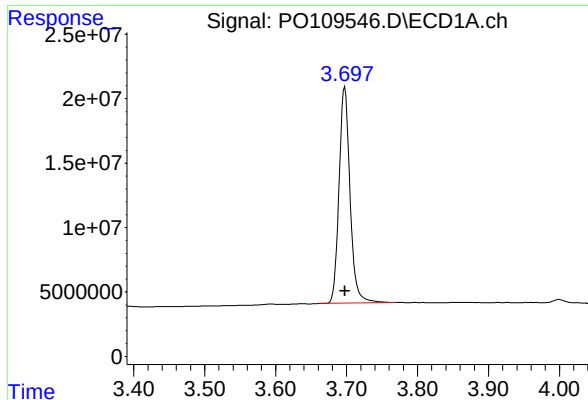
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 22:57
Operator : YP/AJ
Sample : PB166889BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB166889BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:26:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

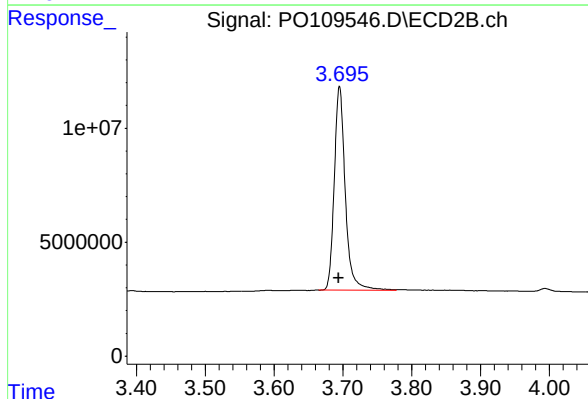




#1 Tetrachloro-m-xylene

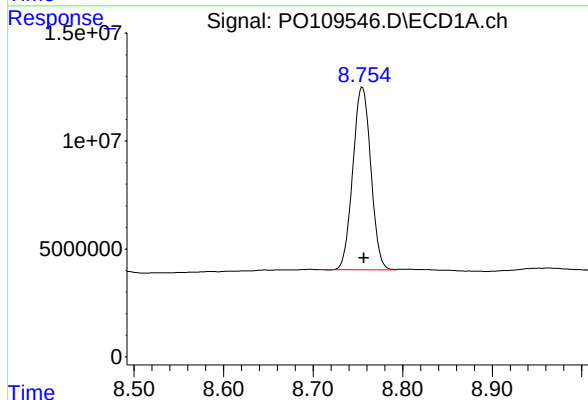
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 180302795
Conc: 19.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB166889BL



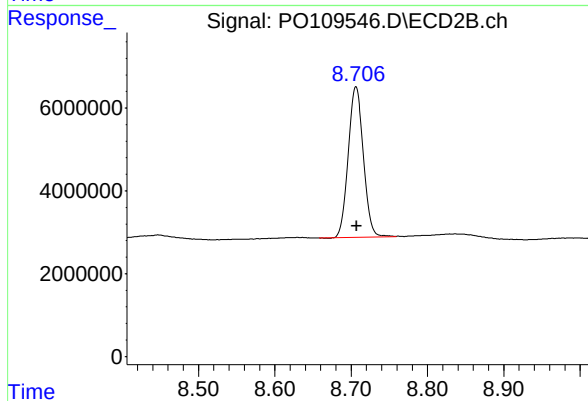
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.001 min
Response: 99328984
Conc: 18.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 118463339
Conc: 13.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 50479265
Conc: 15.85 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB167022BL	SDG No.:	Q1437
Lab Sample ID:	PB167022BL	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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109682.D	1	03/06/25 11:40	03/07/25 00:28	PB167022

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
Total PCBs	Total PCBs	7.90	U	7.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.6		32 - 144	118%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		32 - 175	116%	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_O\Data\P0030625\
Data File : P0109682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:28
Operator : YP/AJ
Sample : PB167022BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167022BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.695	3.693	215.5E6	123.8E6	22.768	23.651
2) SA Decachlor...	8.754	8.705	186.1E6	73700966	21.631	23.145

Target Compounds

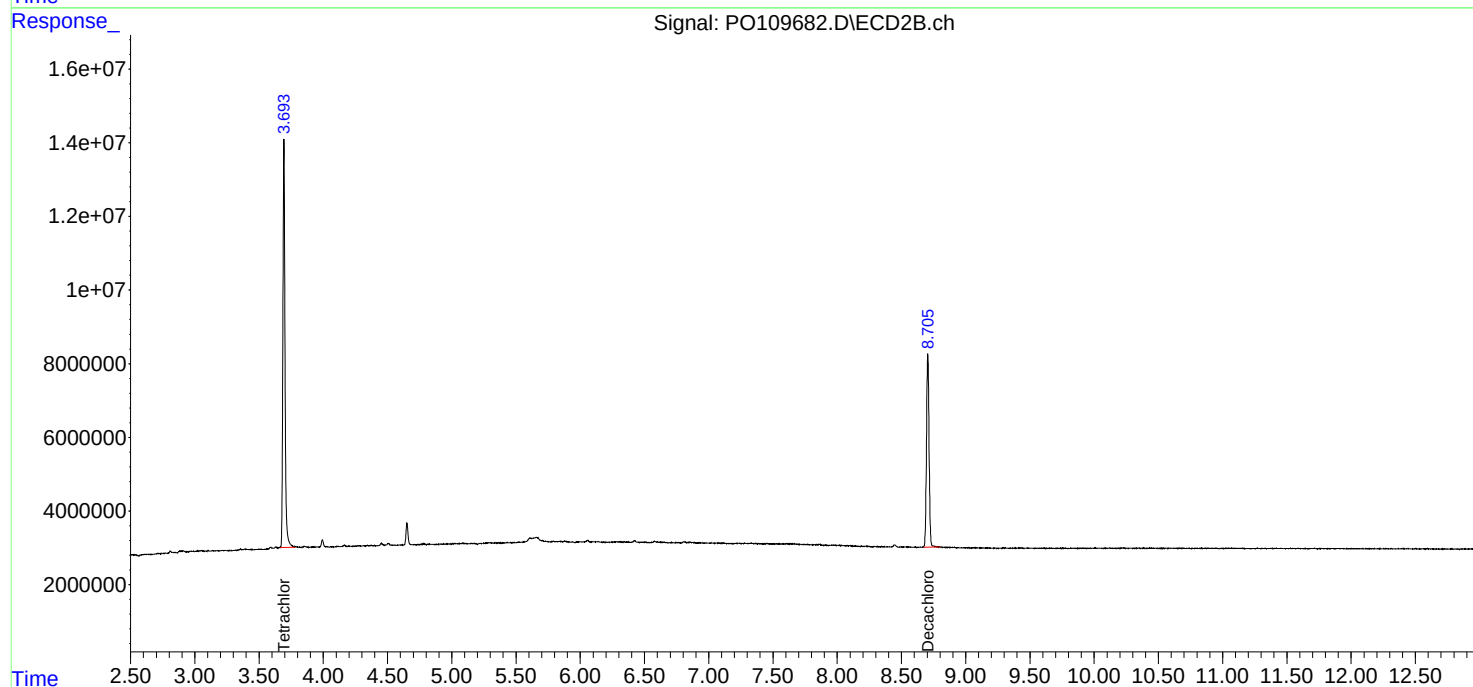
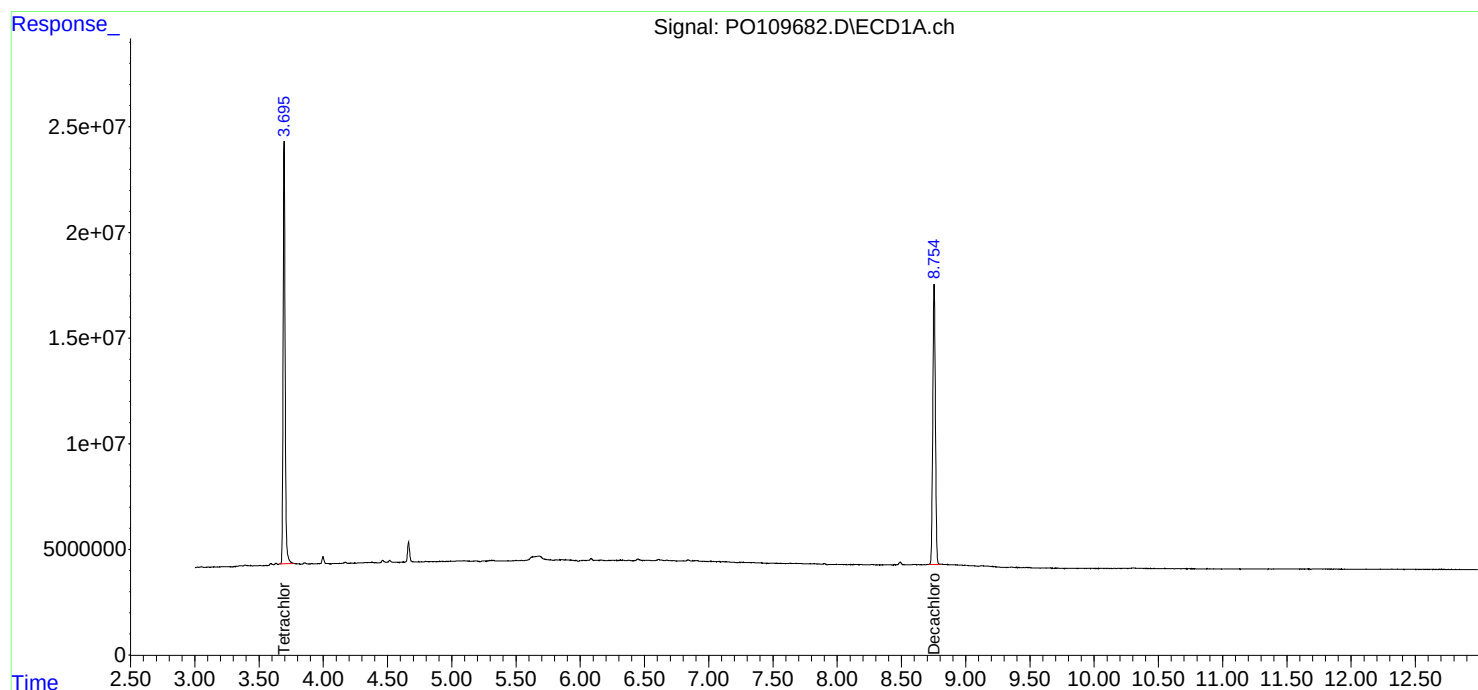
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

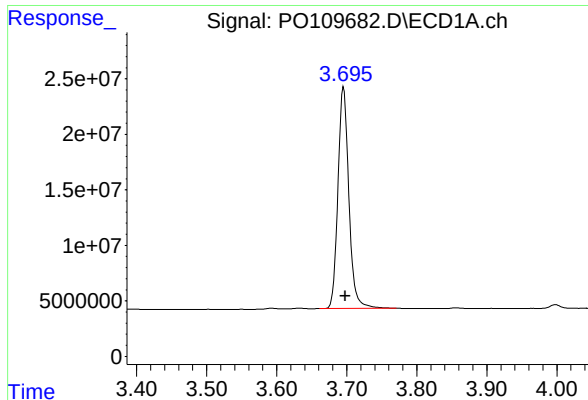
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:28
Operator : YP/AJ
Sample : PB167022BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167022BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

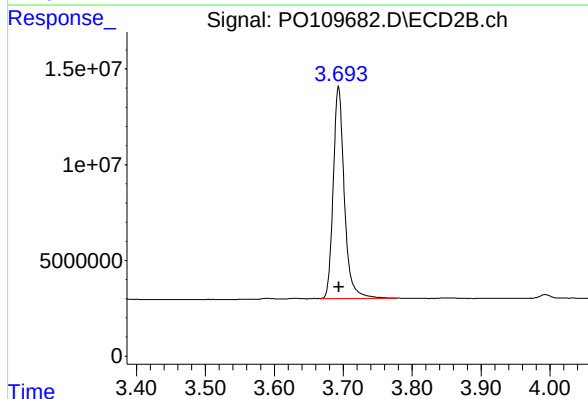




#1 Tetrachloro-m-xylene

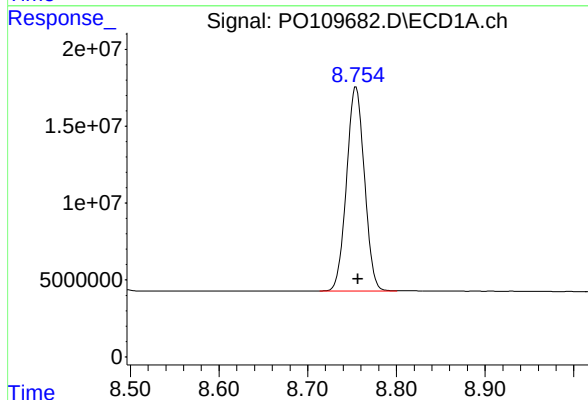
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 215500576
Conc: 22.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167022BL



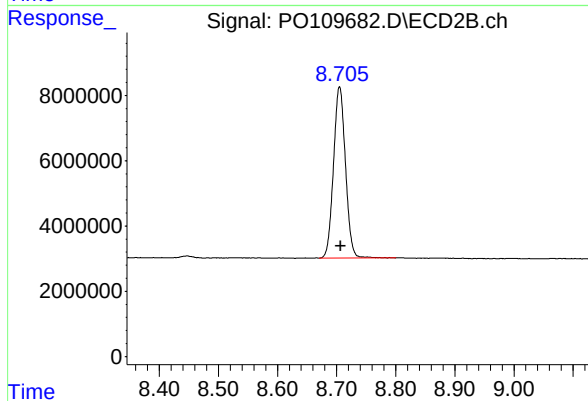
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 123794046
Conc: 23.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 186071146
Conc: 21.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 73700966
Conc: 23.15 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB167029BL	SDG No.:	Q1437
Lab Sample ID:	PB167029BL	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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070354.D	1	03/07/25 08:25	03/07/25 13:41	PB167029

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
Total PCBs	Total PCBs	7.90	U	7.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.2		32 - 144	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		32 - 175	108%	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\PP030725\
Data File : PP070354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:41
Operator : YP\AJ
Sample : PB167029BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167029BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:14:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.828	35502642	22912096	24.191	23.966
2) SA Decachlor...	10.254	8.883	24387789	23429013	21.411	21.611

Target Compounds

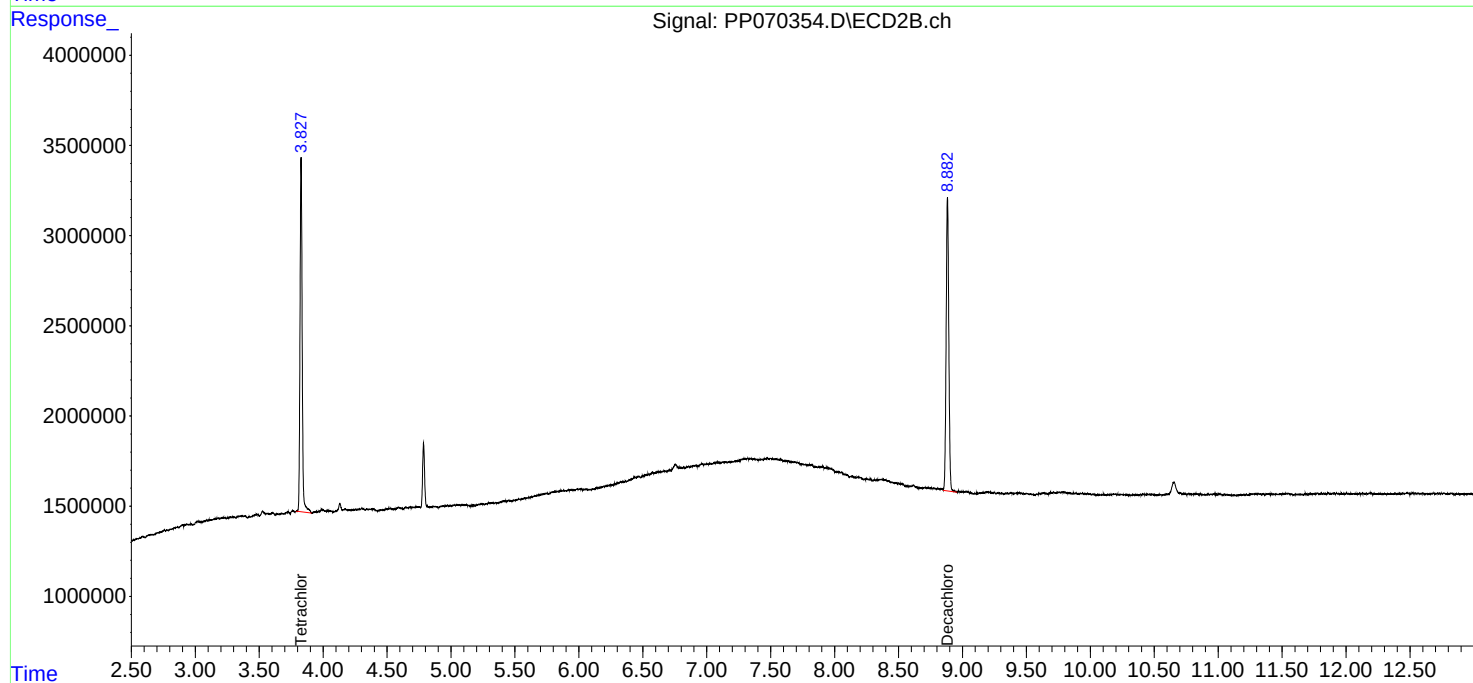
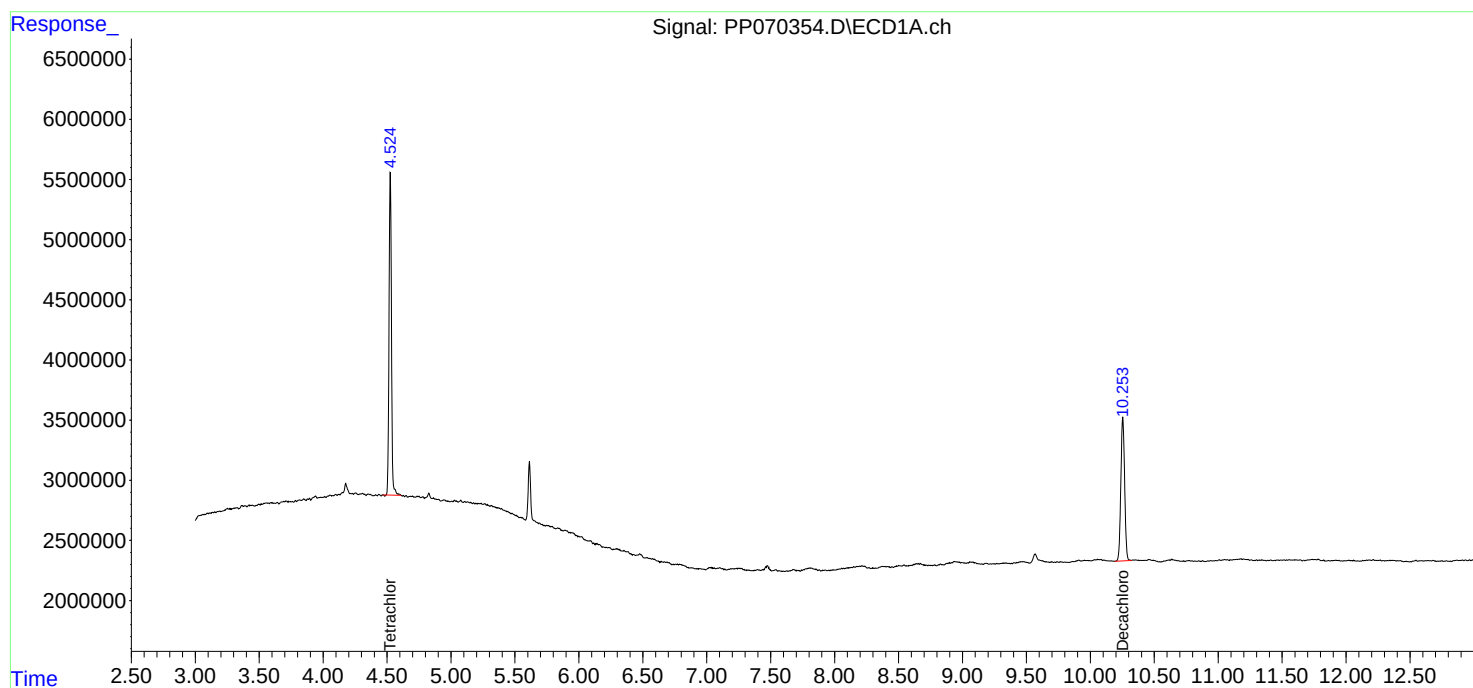
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

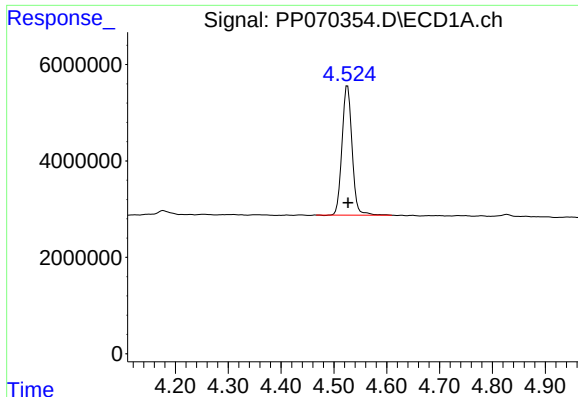
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:41
Operator : YP\AJ
Sample : PB167029BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167029BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:14:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

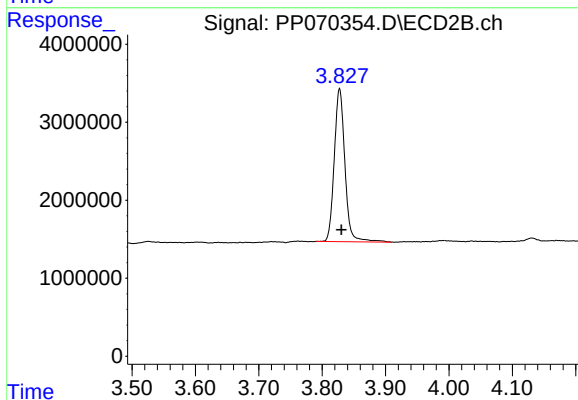




#1 Tetrachloro-m-xylene

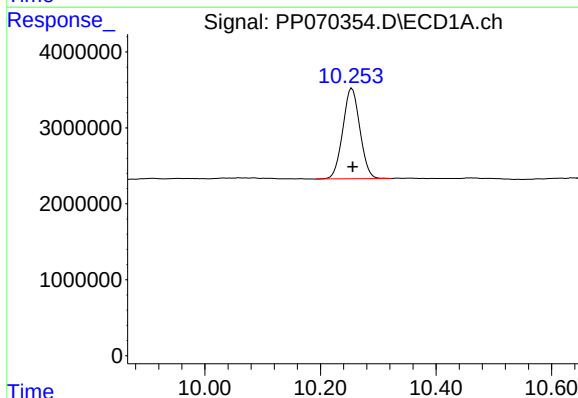
R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 35502642
Conc: 24.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167029BL



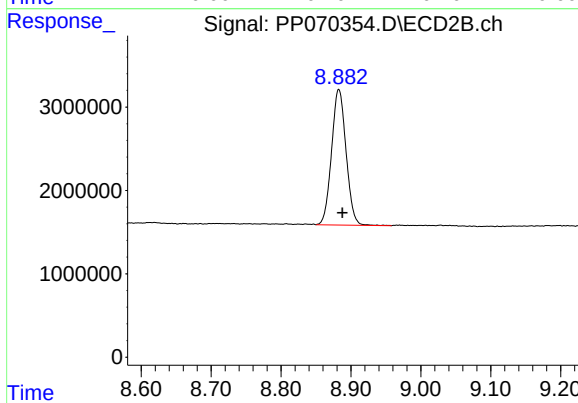
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 22912096
Conc: 23.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 24387789
Conc: 21.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 23429013
Conc: 21.61 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/20/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/20/25
Client Sample ID:	PIBLK-PO109425.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109425.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109425.D	1		02/20/25	PO022025

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	24.1		60 - 140	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.3		60 - 140	126%	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_O\Data\PO022025\
 Data File : PO109425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 16:28
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 04:42:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	239.0E6	126.2E6	25.246	24.105
2) SA Decachlor...	8.755	8.707	217.3E6	81112838	25.266	25.473

Target Compounds

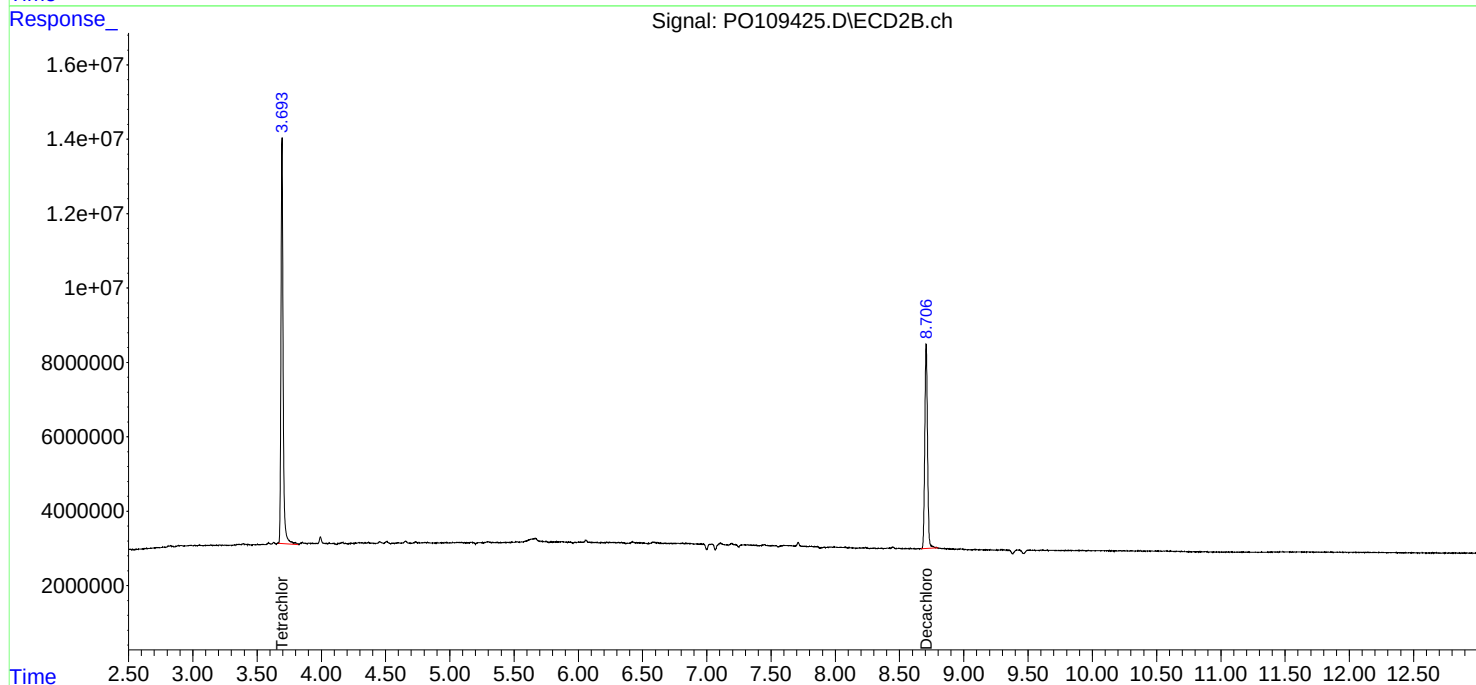
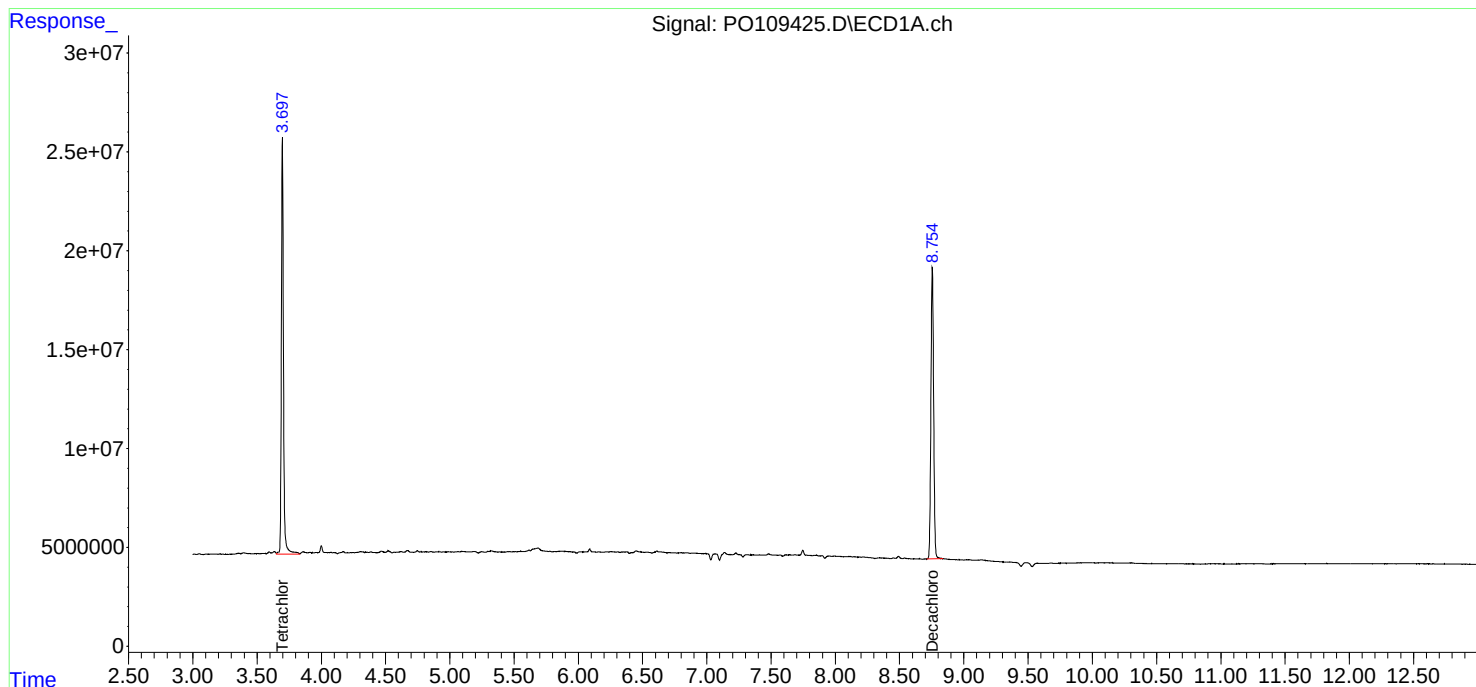
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

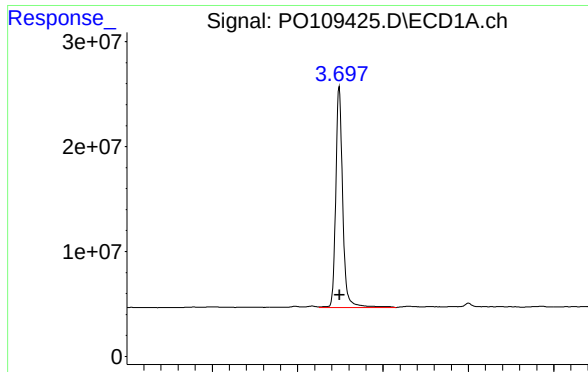
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:42:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

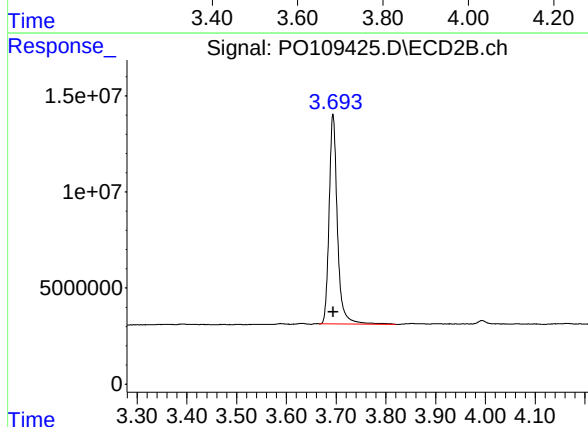




#1 Tetrachloro-m-xylene

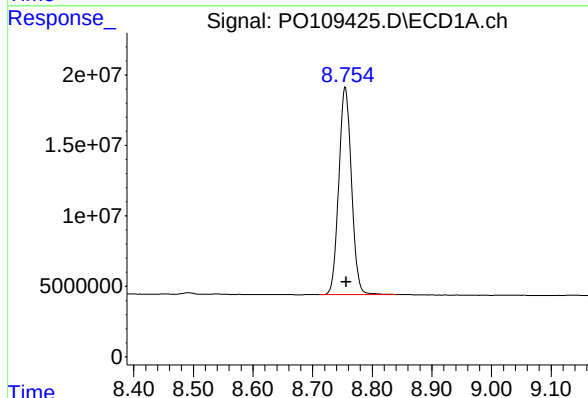
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 238952889
Conc: 25.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



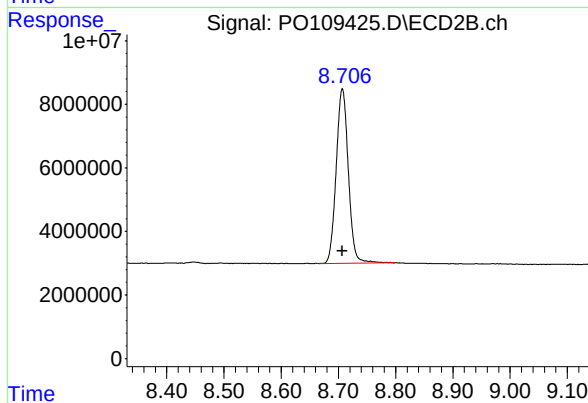
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 126170966
Conc: 24.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 217333363
Conc: 25.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 81112838
Conc: 25.47 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/27/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/27/25
Client Sample ID:	PIBLK-PO109537.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109537.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109537.D	1		02/27/25	PO022725

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	16.0		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.6		60 - 140	73%	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_O\Data\PO022725\
 Data File : PO109537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 20:12
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 03:23:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.698	3.696	151.5E6	88555130	16.002	16.919
2) SA Decachlor...	8.755	8.708	125.2E6	53779895	14.553	16.889

Target Compounds

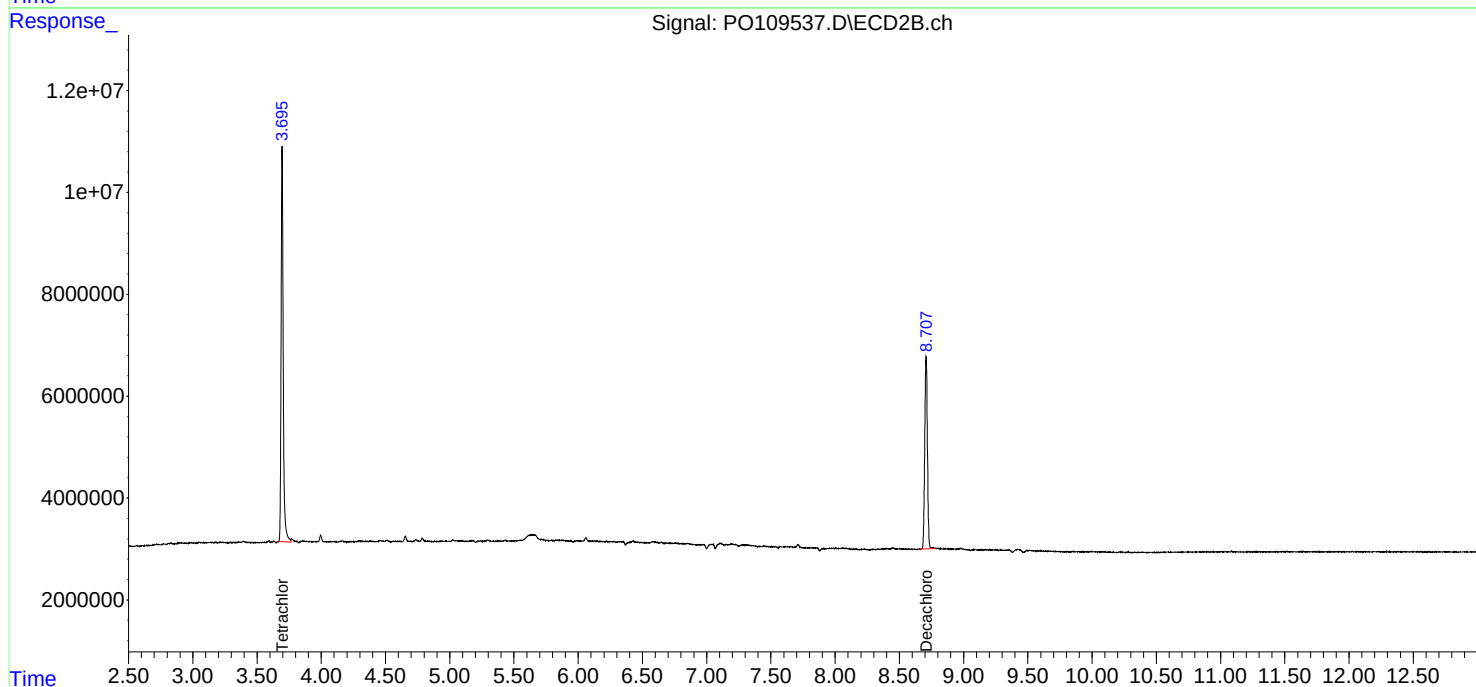
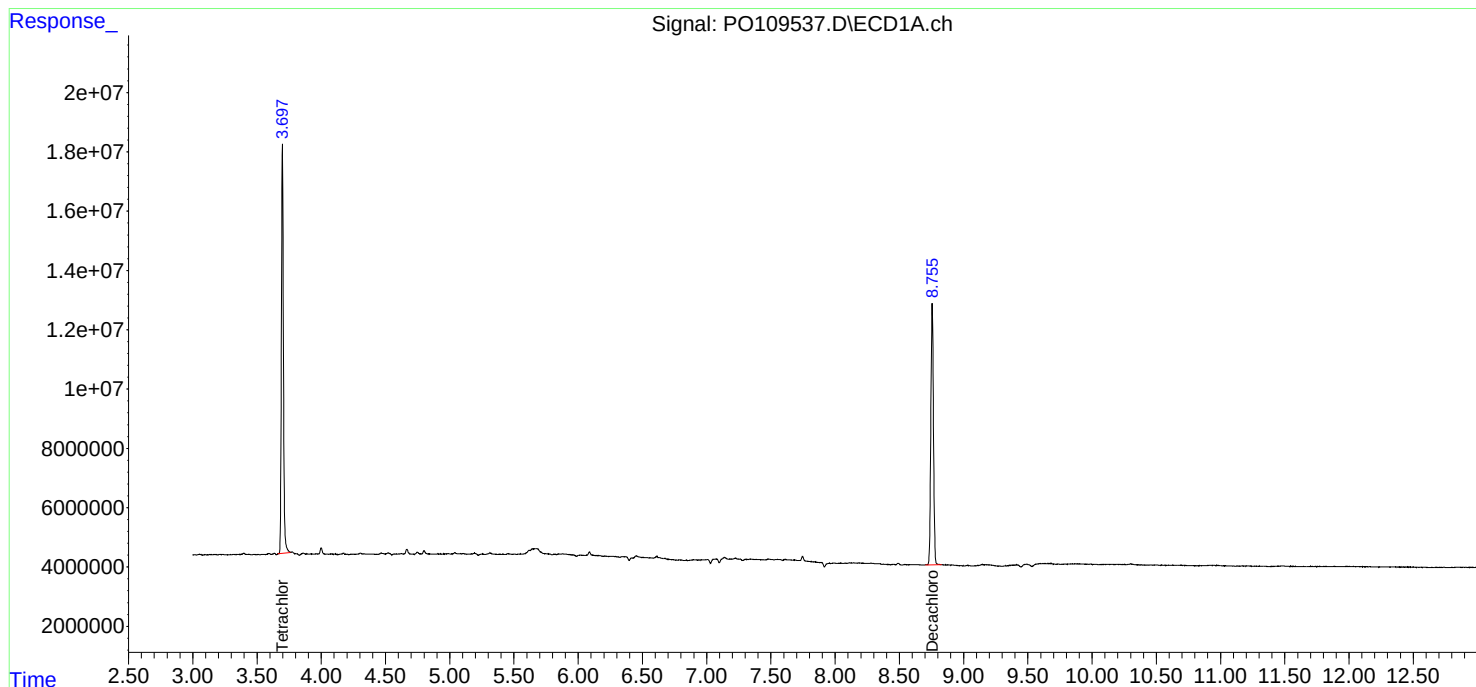
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

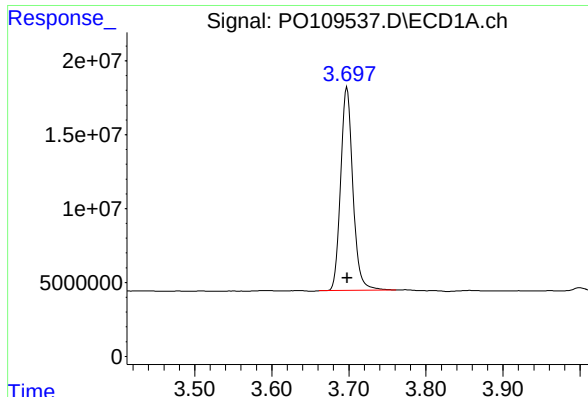
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 20:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:23:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

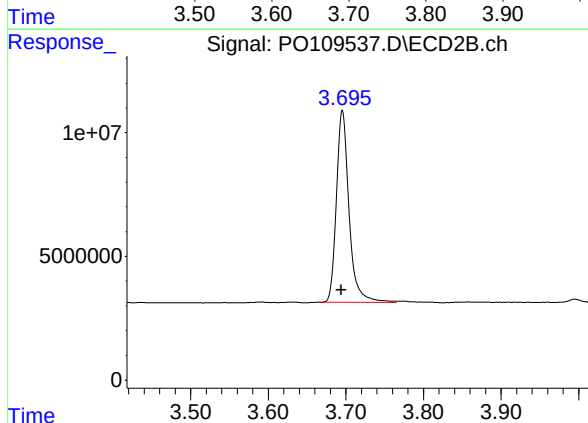




#1 Tetrachloro-m-xylene

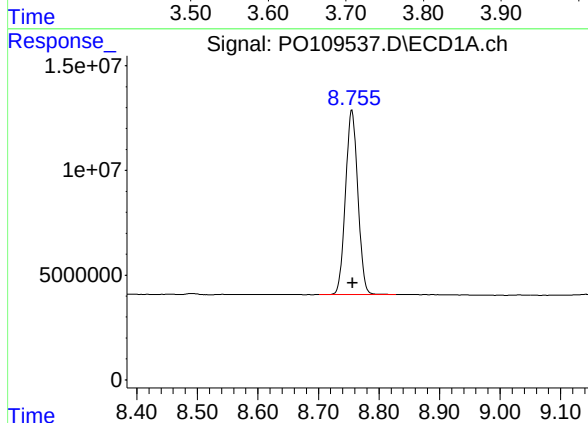
R.T.: 3.698 min
Delta R.T.: 0.000 min
Response: 151460917
Conc: 16.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



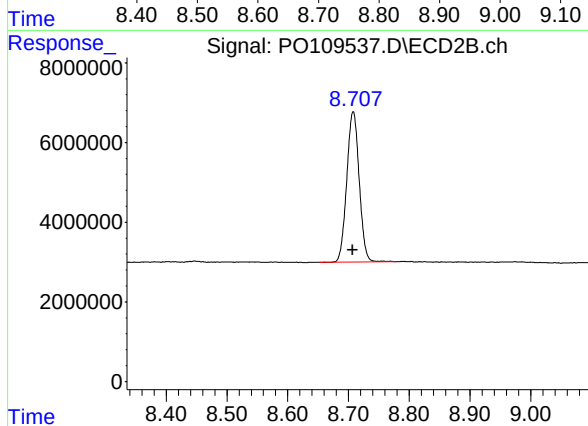
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: 0.002 min
Response: 88555130
Conc: 16.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 125183536
Conc: 14.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: 0.001 min
Response: 53779895
Conc: 16.89 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/28/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/28/25
Client Sample ID:	PIBLK-PO109552.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109552.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109552.D	1		02/28/25	PO022725

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	15.9		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		60 - 140	74%	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_O\Data\PO022725\
 Data File : PO109552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 01:14
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 03:28:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.695	3.695	150.3E6	87929163	15.878	16.799
2) SA Decachlor...	8.755	8.706	127.0E6	52659334	14.767	16.537

Target Compounds

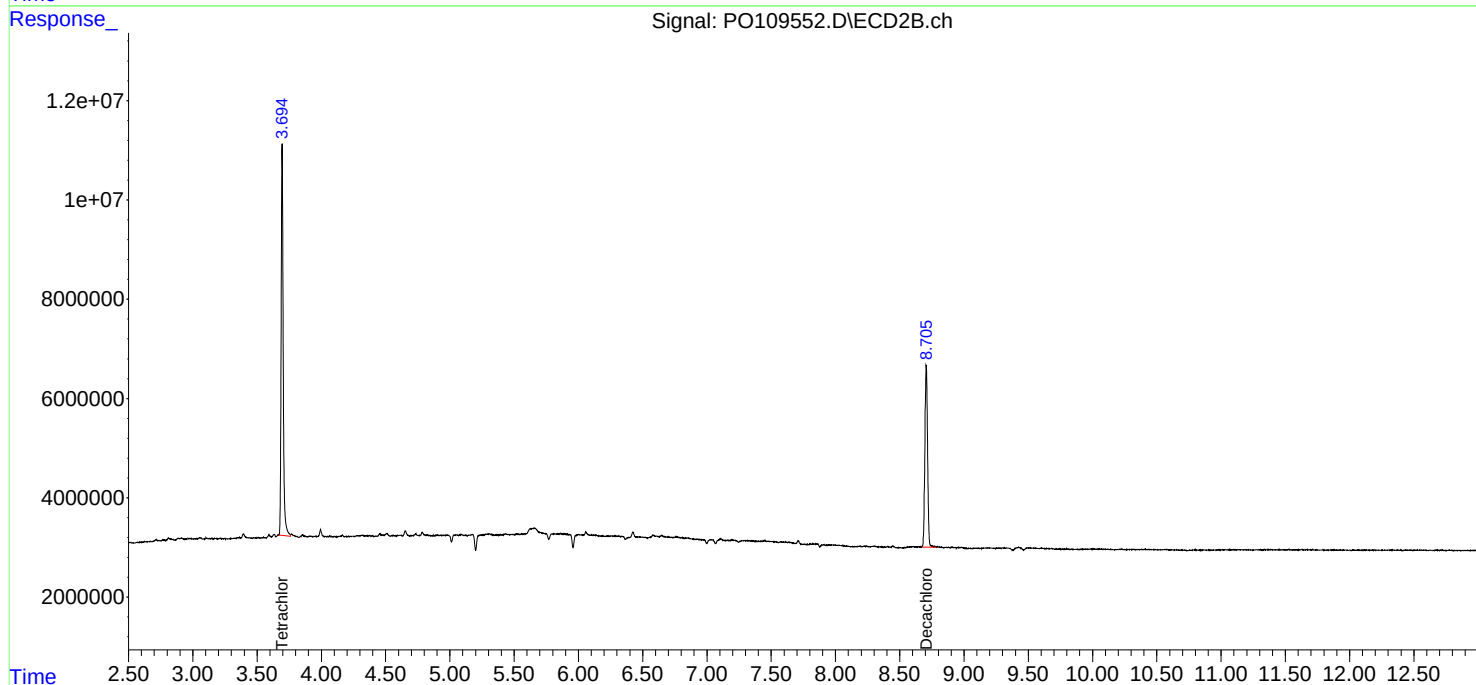
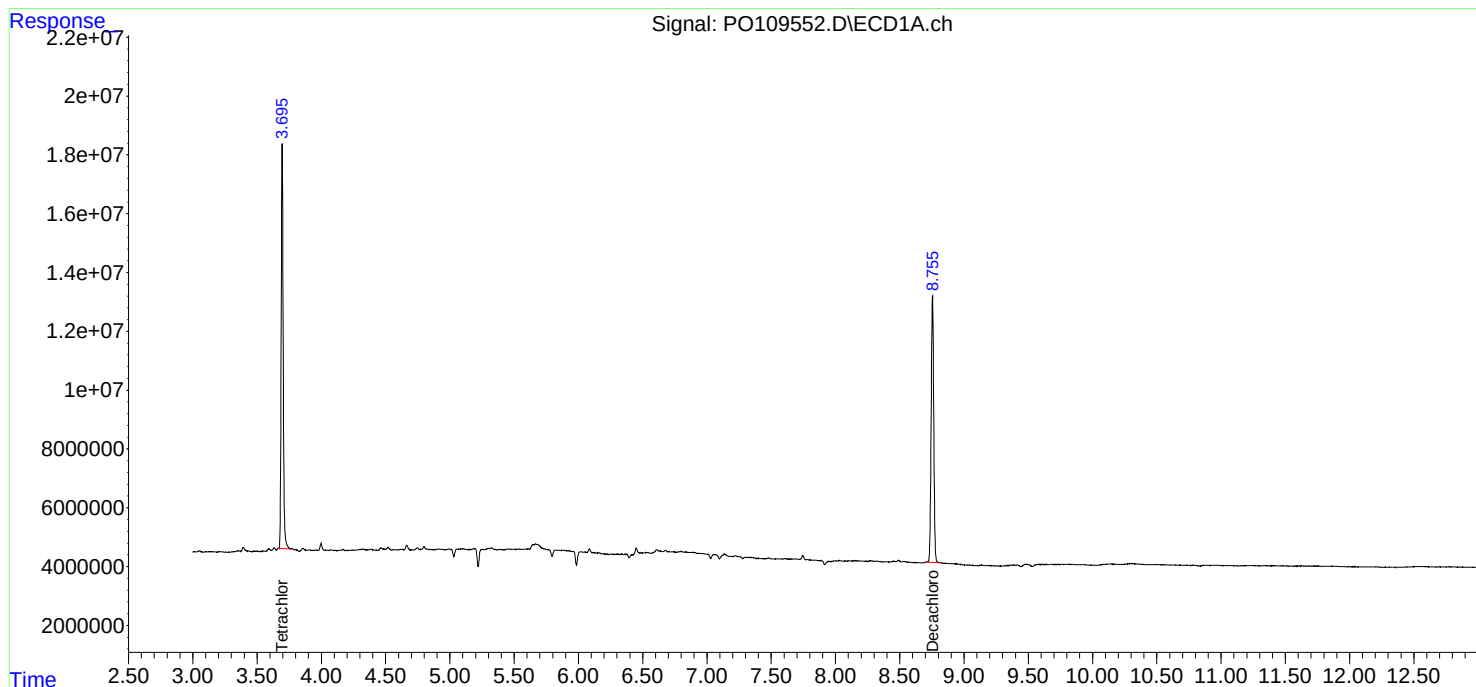
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

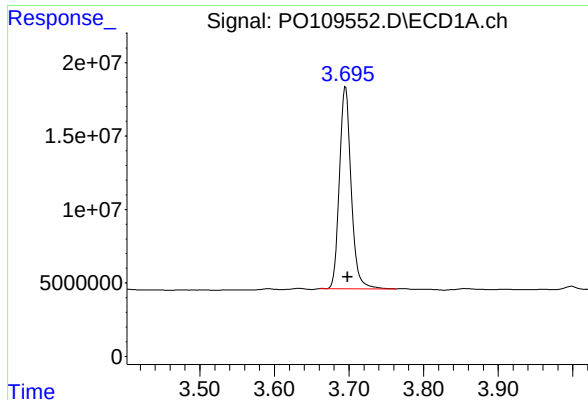
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 01:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:28:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

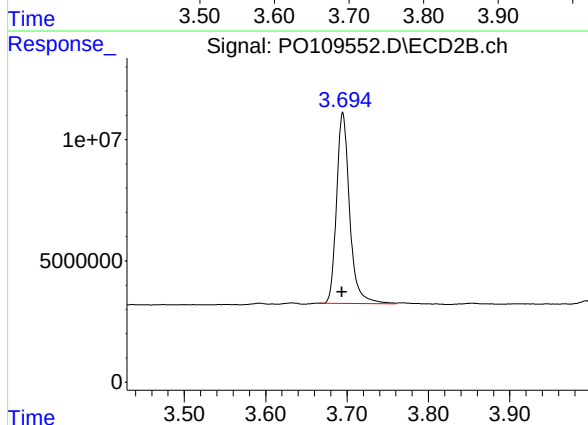




#1 Tetrachloro-m-xylene

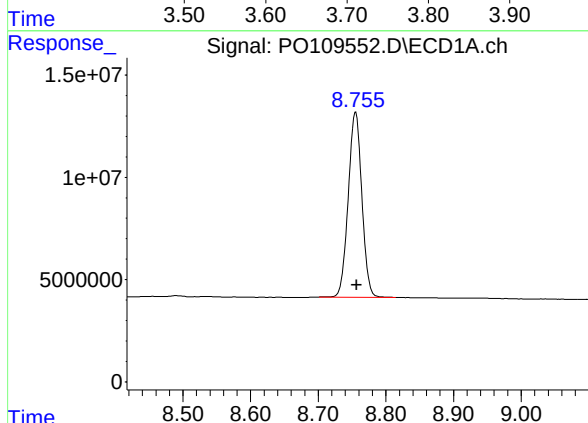
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 150288092
Conc: 15.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



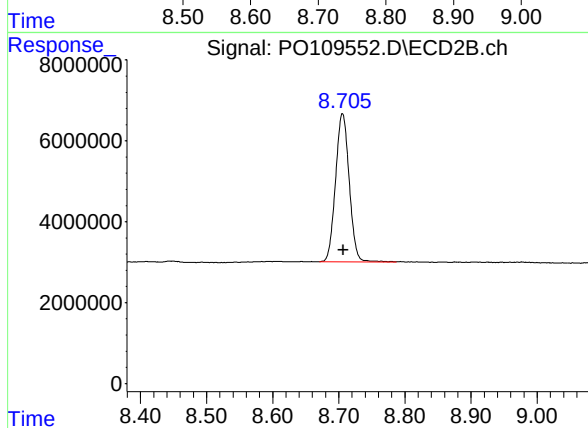
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 87929163
Conc: 16.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 127022765
Conc: 14.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 52659334
Conc: 16.54 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/28/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/28/25
Client Sample ID:	PIBLK-PO109574.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109574.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109574.D	1		02/28/25	PO022725

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	16.0		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.8		60 - 140	69%	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_O\Data\PO022725\
 Data File : PO109574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 08:38
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
 Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 08:53:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

1) SA Tetrachlo...	3.696	3.694	151.6E6	89311135	16.012	17.063
2) SA Decachlor...	8.753	8.706	118.9E6	50599095	13.822m	15.890

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

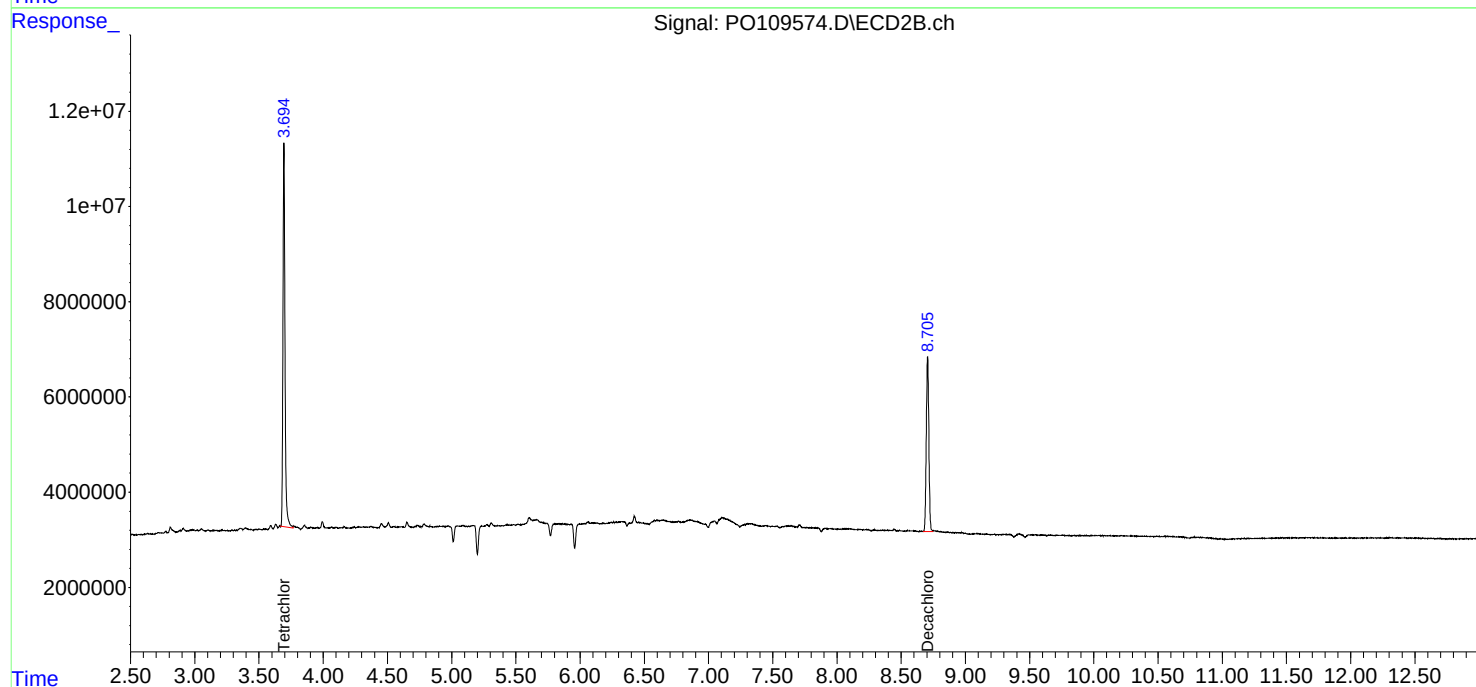
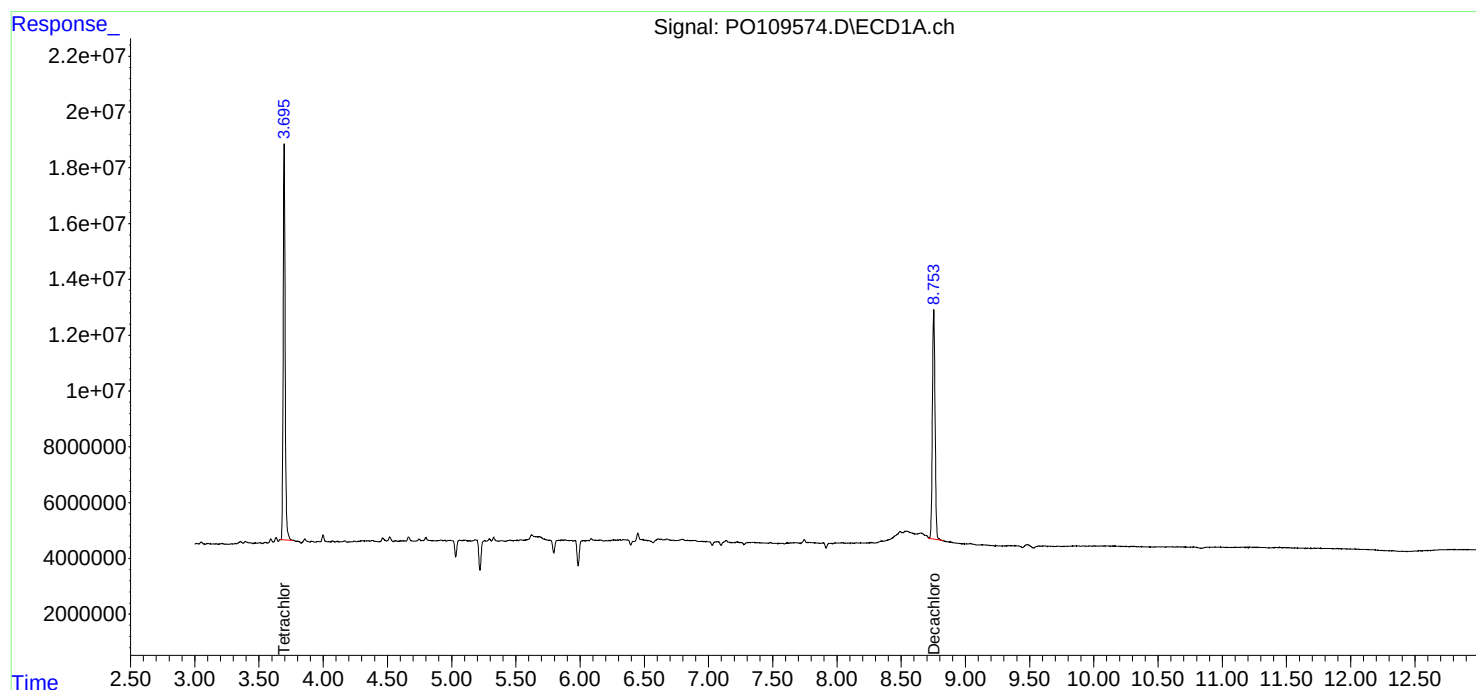
Instrument :
ECD_O
ClientSampleId :
I.BLK

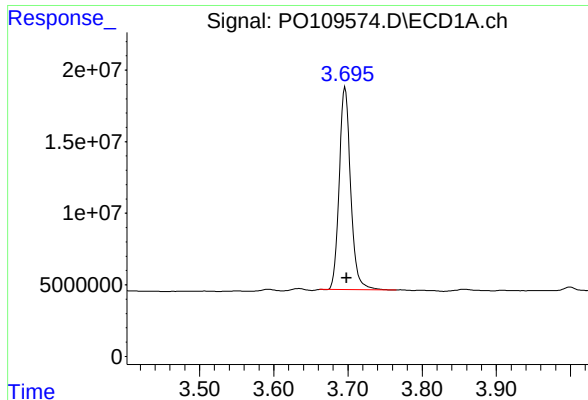
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





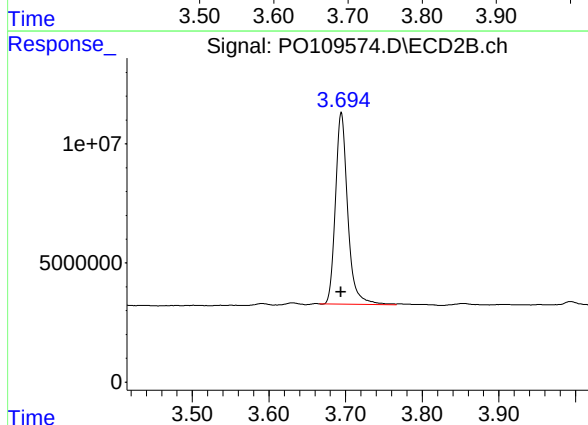
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 151556961
Conc: 16.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

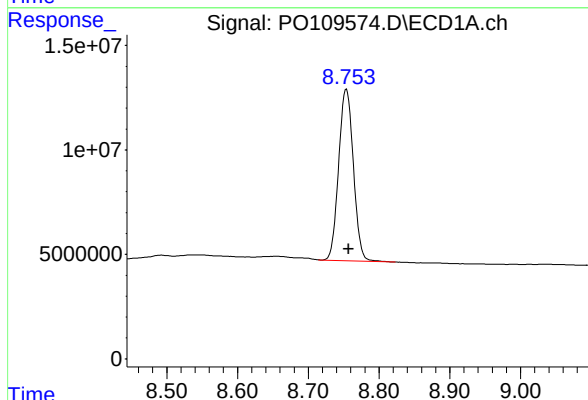
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



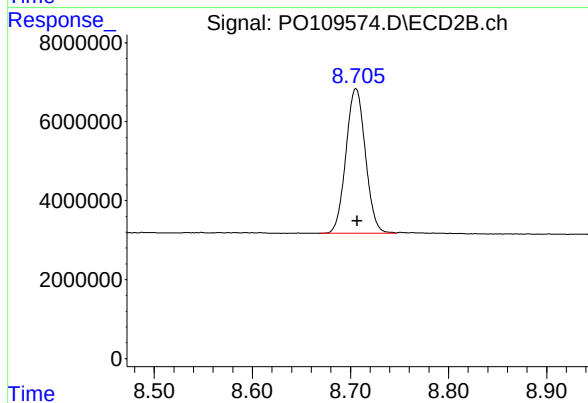
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 89311135
Conc: 17.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 118895631
Conc: 13.82 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 50599095
Conc: 15.89 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/28/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/28/25
Client Sample ID:	PIBLK-PO109578.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109578.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109578.D	1		02/28/25	PO022725

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	16.7		60 - 140	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.3		60 - 140	72%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022725\
 Data File : P0109578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 10:19
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:35:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	157.8E6	92113644	16.668	17.598
2) SA Decachlor...	8.753	8.705	123.5E6	52158724	14.353	16.380

Target Compounds

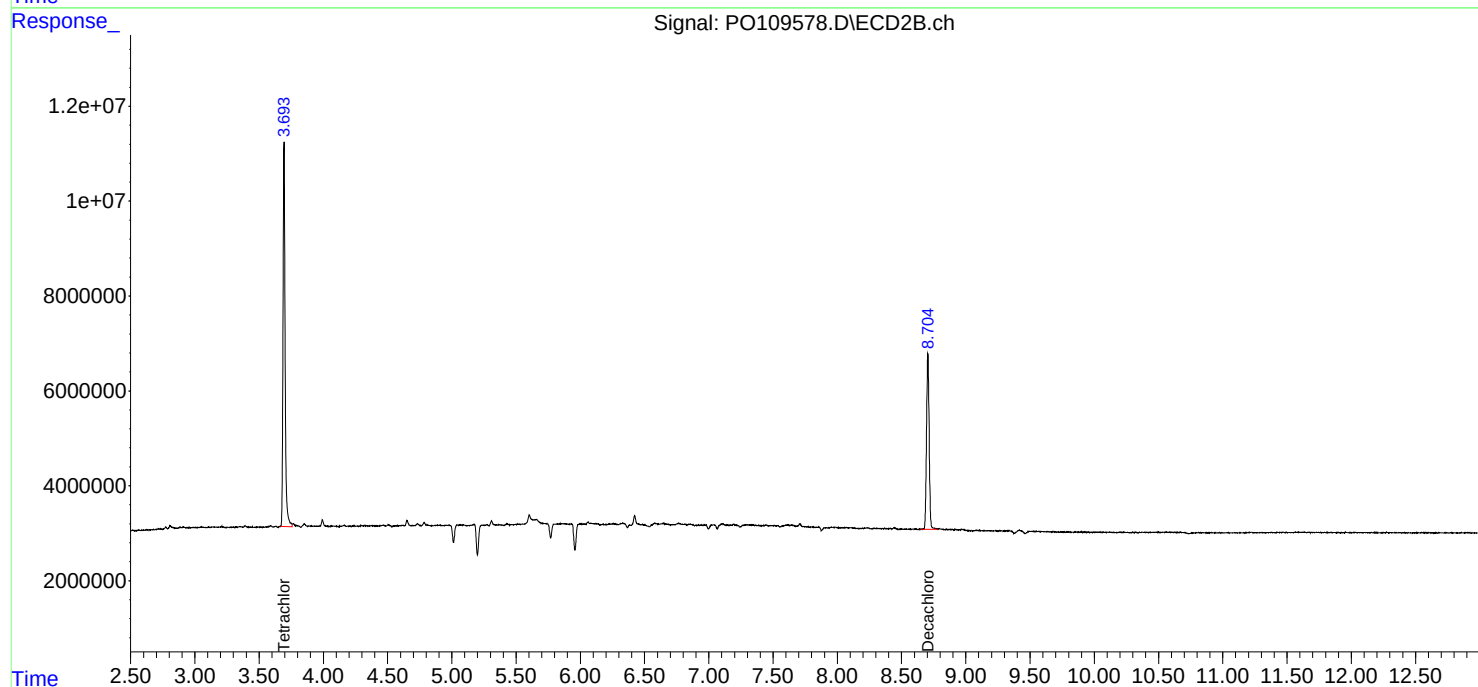
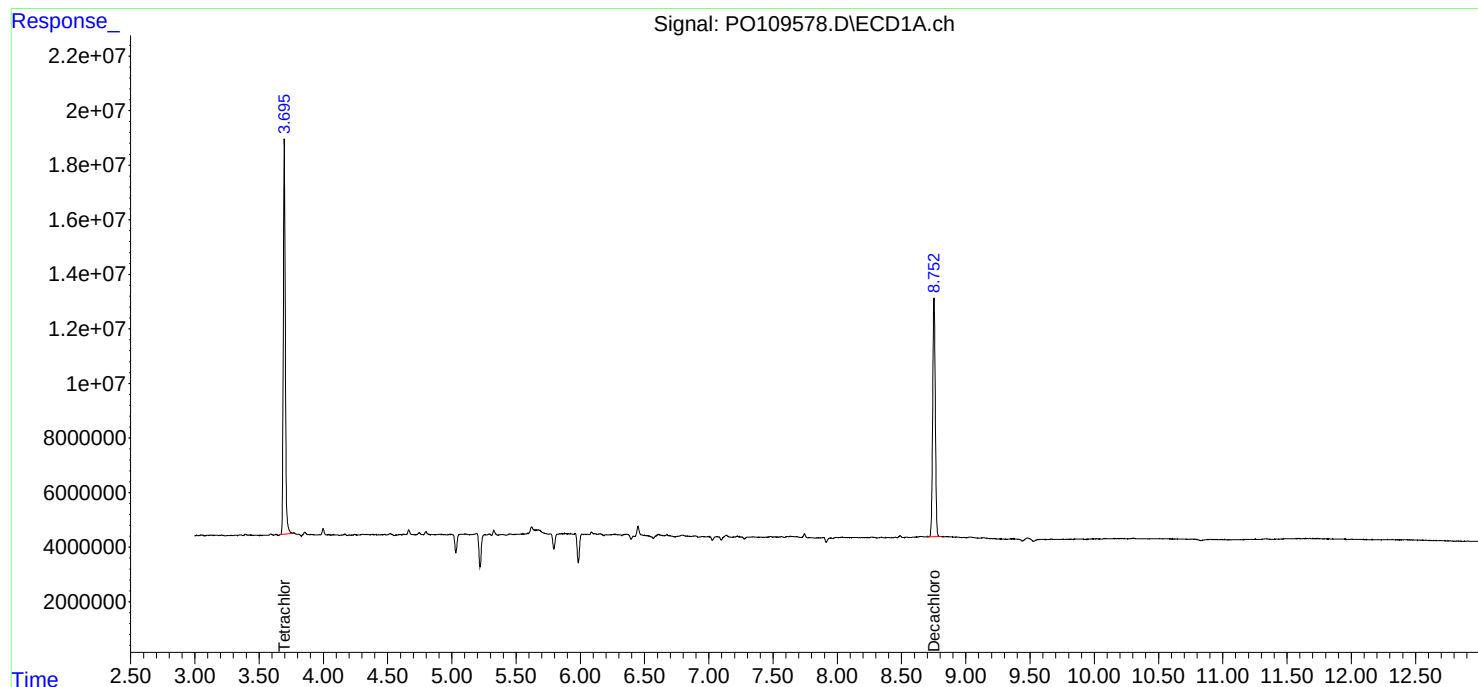
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

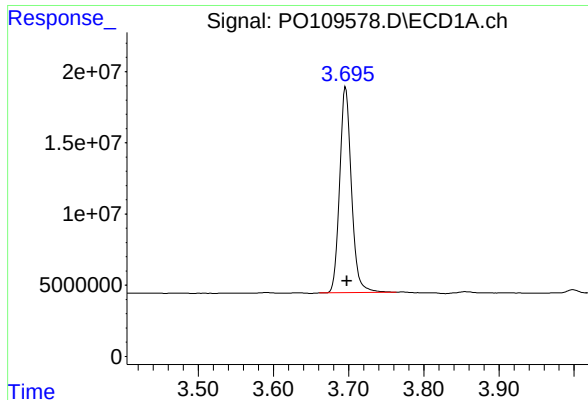
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 10:19
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:35:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

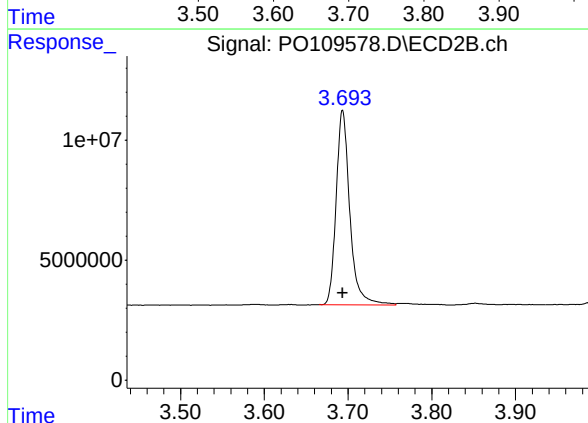




#1 Tetrachloro-m-xylene

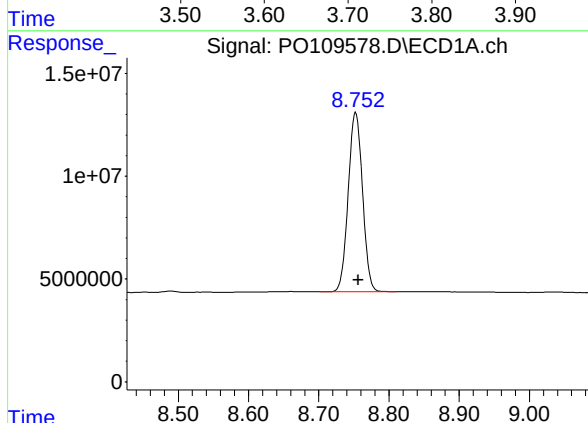
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 157760682
Conc: 16.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



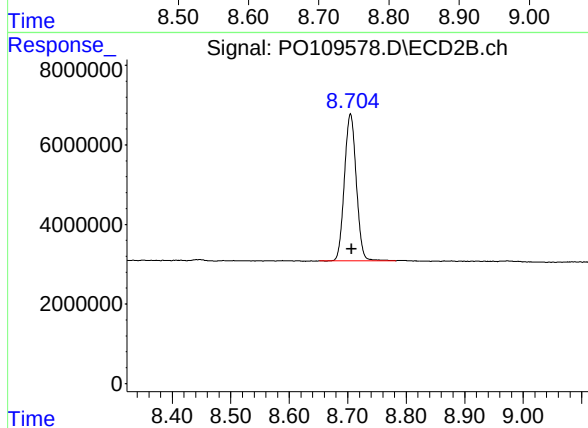
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 92113644
Conc: 17.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 123465849
Conc: 14.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 52158724
Conc: 16.38 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/28/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/28/25
Client Sample ID:	PIBLK-PO109601.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109601.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109601.D	1		02/28/25	PO022825

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	16.8		60 - 140	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		60 - 140	78%	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_O\Data\PO022825\
Data File : PO109601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 19:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:28:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.694	3.694	158.6E6	91761609	16.755	17.531
2) SA Decachlor...	8.751	8.705	134.0E6	54741844	15.577	17.191

Target Compounds

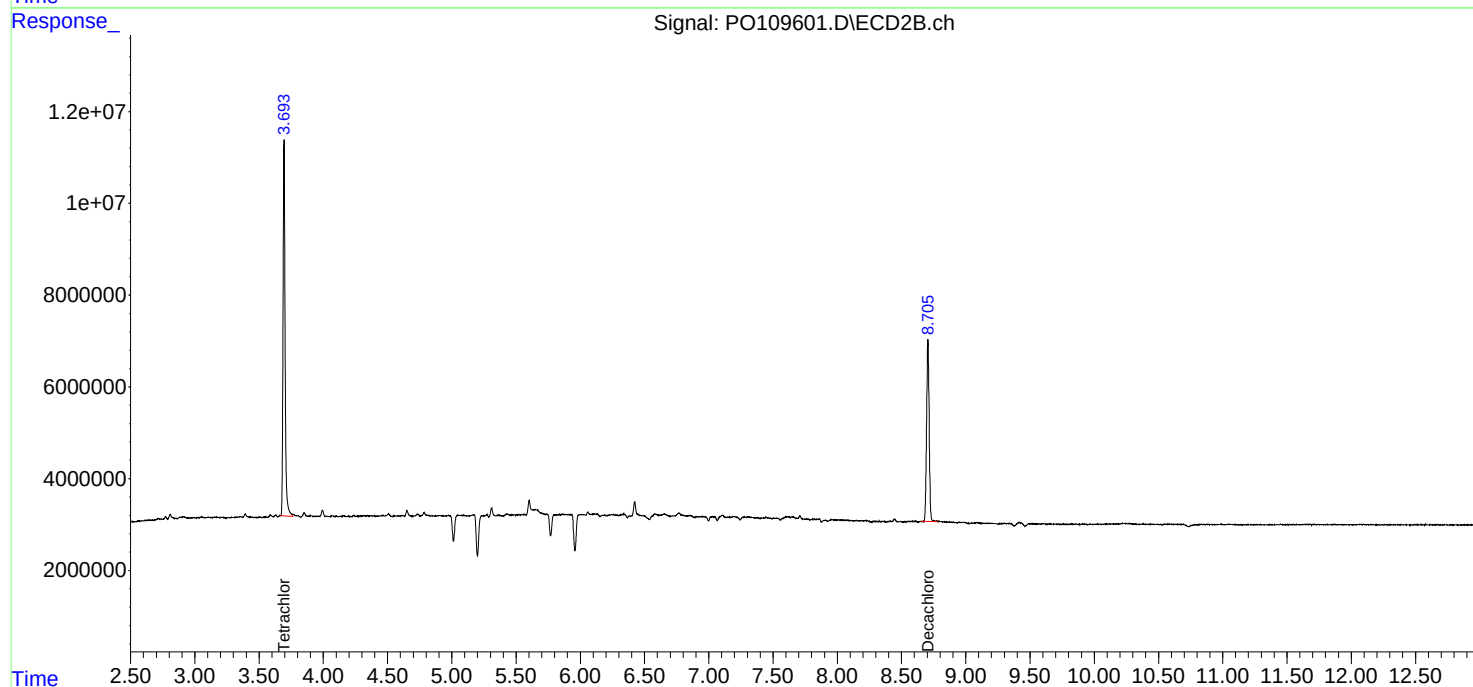
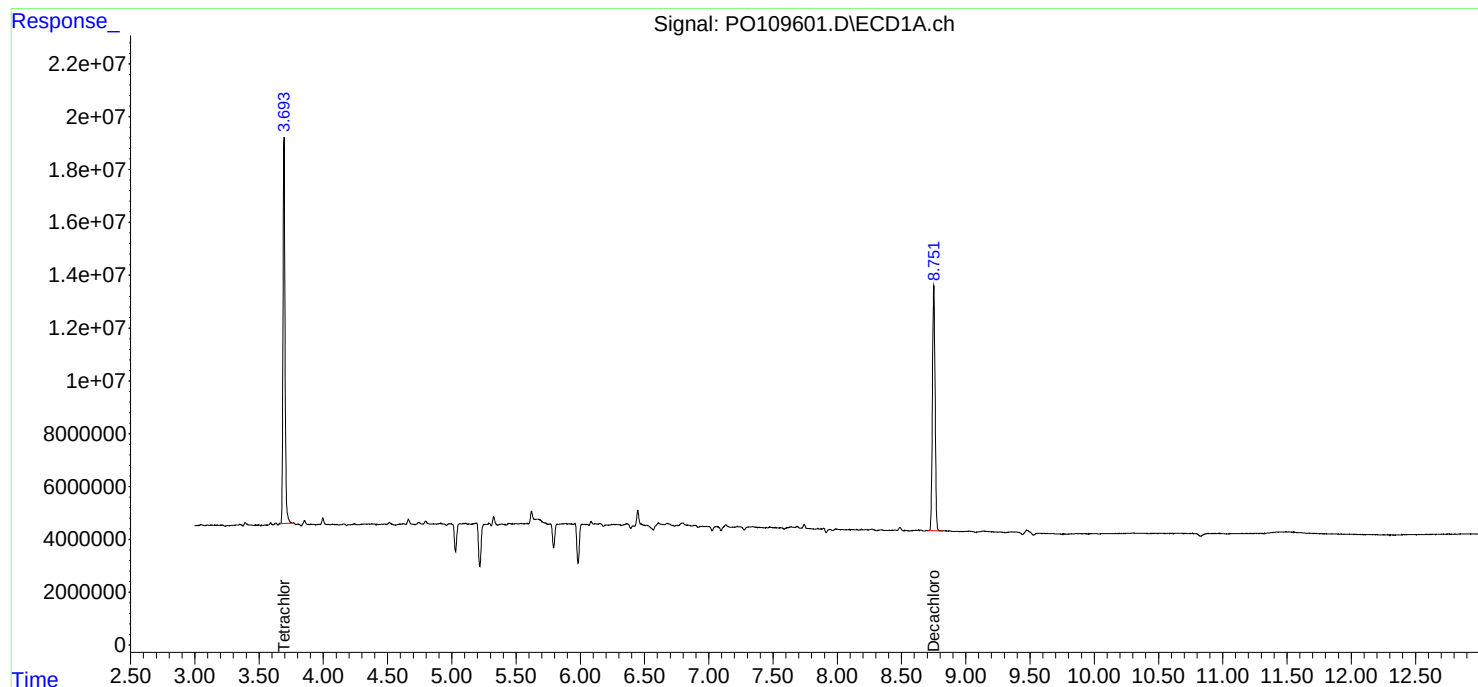
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

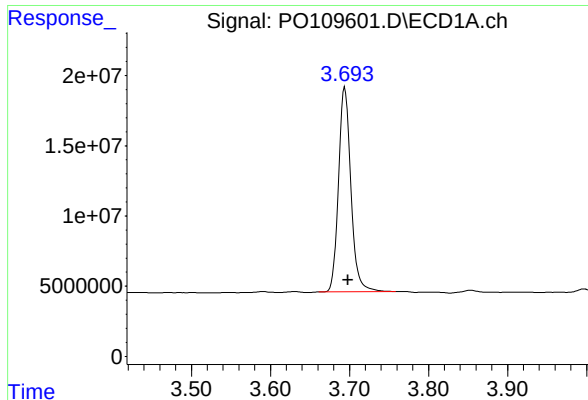
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 19:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:28:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

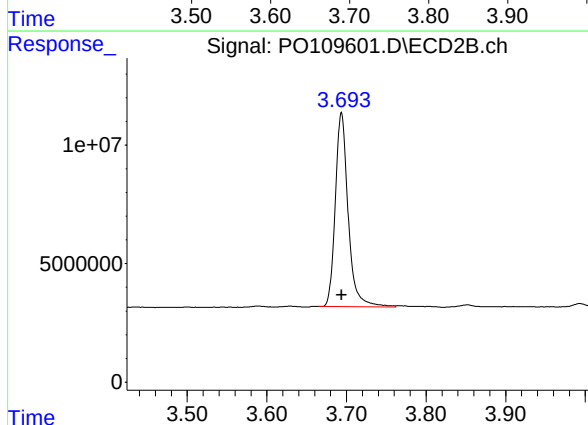




#1 Tetrachloro-m-xylene

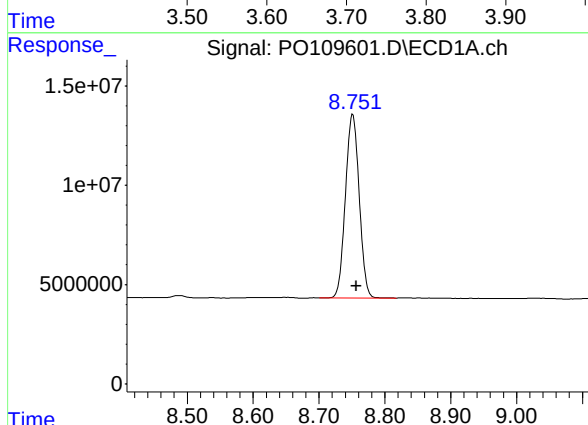
R.T.: 3.694 min
Delta R.T.: -0.004 min
Response: 158585766
Conc: 16.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



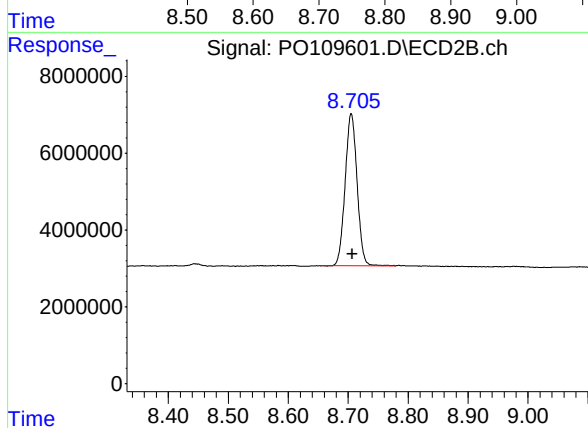
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 91761609
Conc: 17.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.006 min
Response: 133992562
Conc: 15.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 54741844
Conc: 17.19 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/01/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/01/25
Client Sample ID:	PIBLK-PO109620.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109620.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109620.D	1		03/01/25	PO022825

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	16.8		60 - 140	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140	81%	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_O\Data\PO022825\
 Data File : PO109620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Mar 2025 01:49
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 04:45:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.695	159.1E6	91470185	16.806	17.475
2) SA Decachlor...	8.754	8.707	139.9E6	55586477	16.263	17.457

Target Compounds

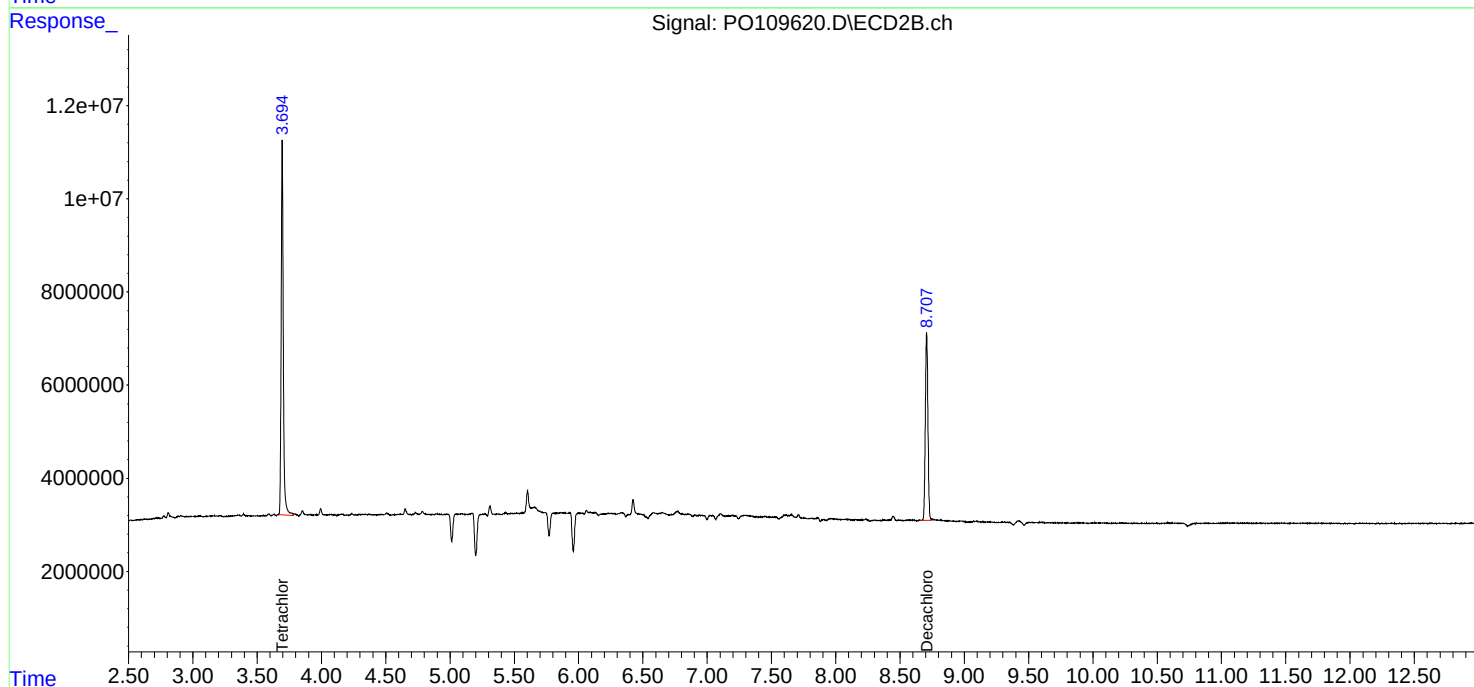
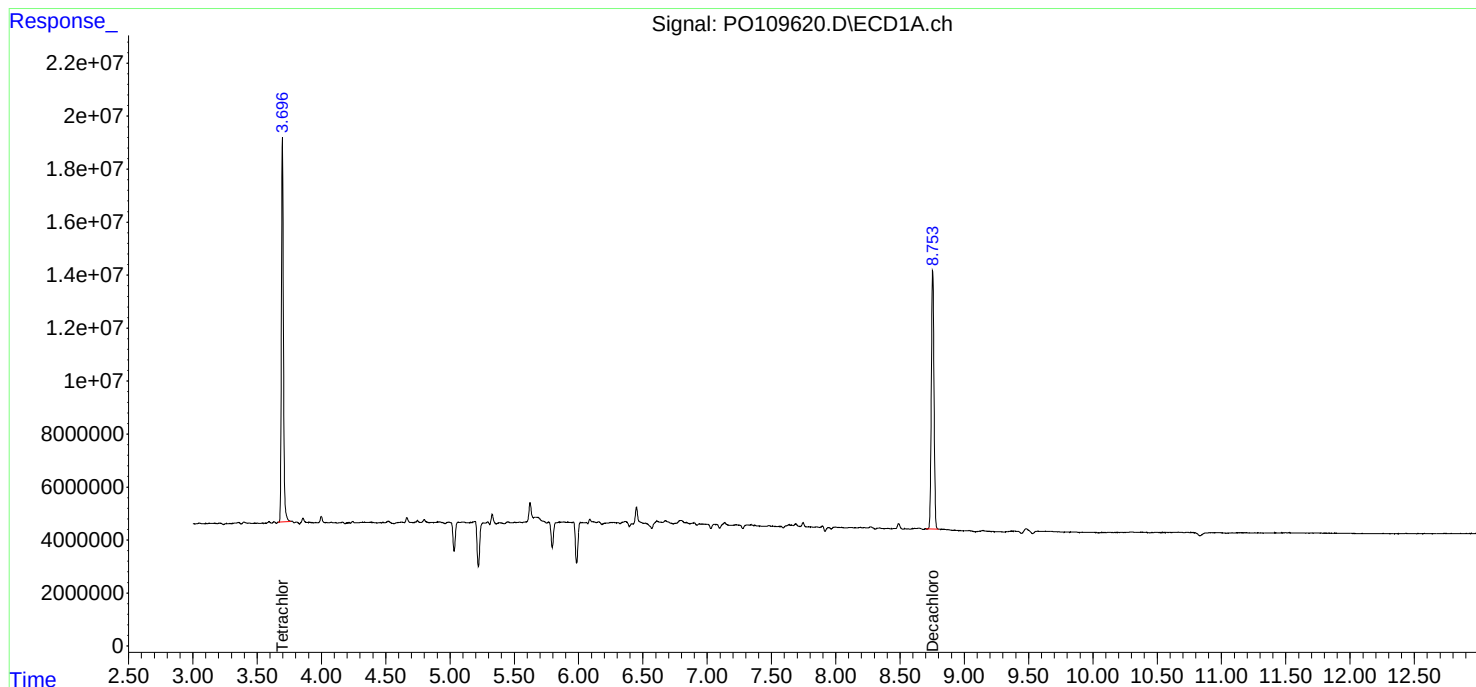
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

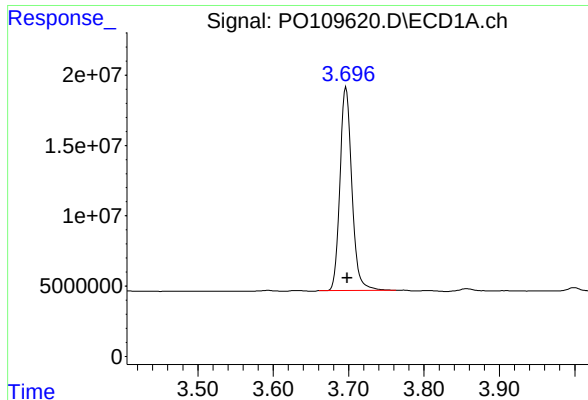
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2025 01:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 04:45:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

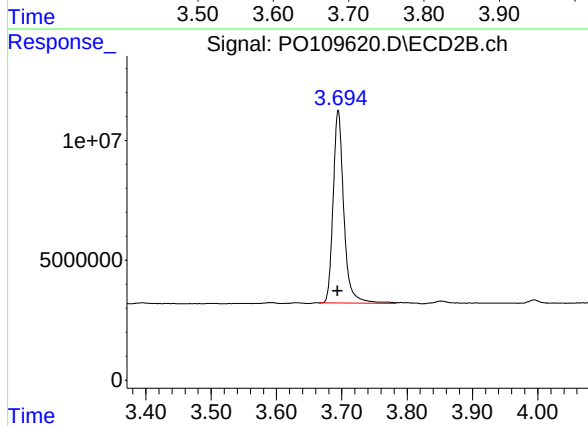




#1 Tetrachloro-m-xylene

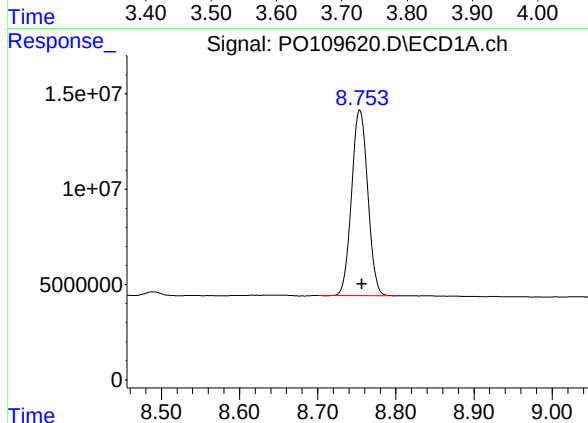
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 159074895
Conc: 16.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



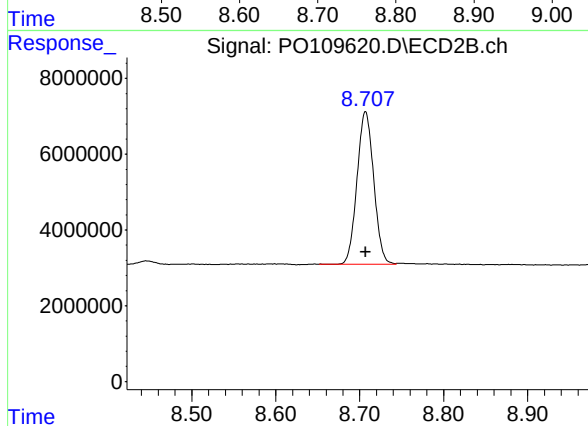
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 91470185
Conc: 17.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 139892855
Conc: 16.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 55586477
Conc: 17.46 ng/ml

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	03/06/25	
Project:	K084-SCA PCBs NYC - 2022SCA421		Date Received:	03/06/25	
Client Sample ID:	PIBLK-PO109666.D		SDG No.:	Q1437	
Lab Sample ID:	I.BLK-PO109666.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109666.D	1		03/06/25	PO030625

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	17.7		60 - 140	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		60 - 140	80%	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_O\Data\P0030625\
 Data File : P0109666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 18:01
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:10:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	167.8E6	99000704	17.726	18.914
2) SA Decachlor...	8.756	8.707	138.1E6	56757931	16.051	17.825

Target Compounds

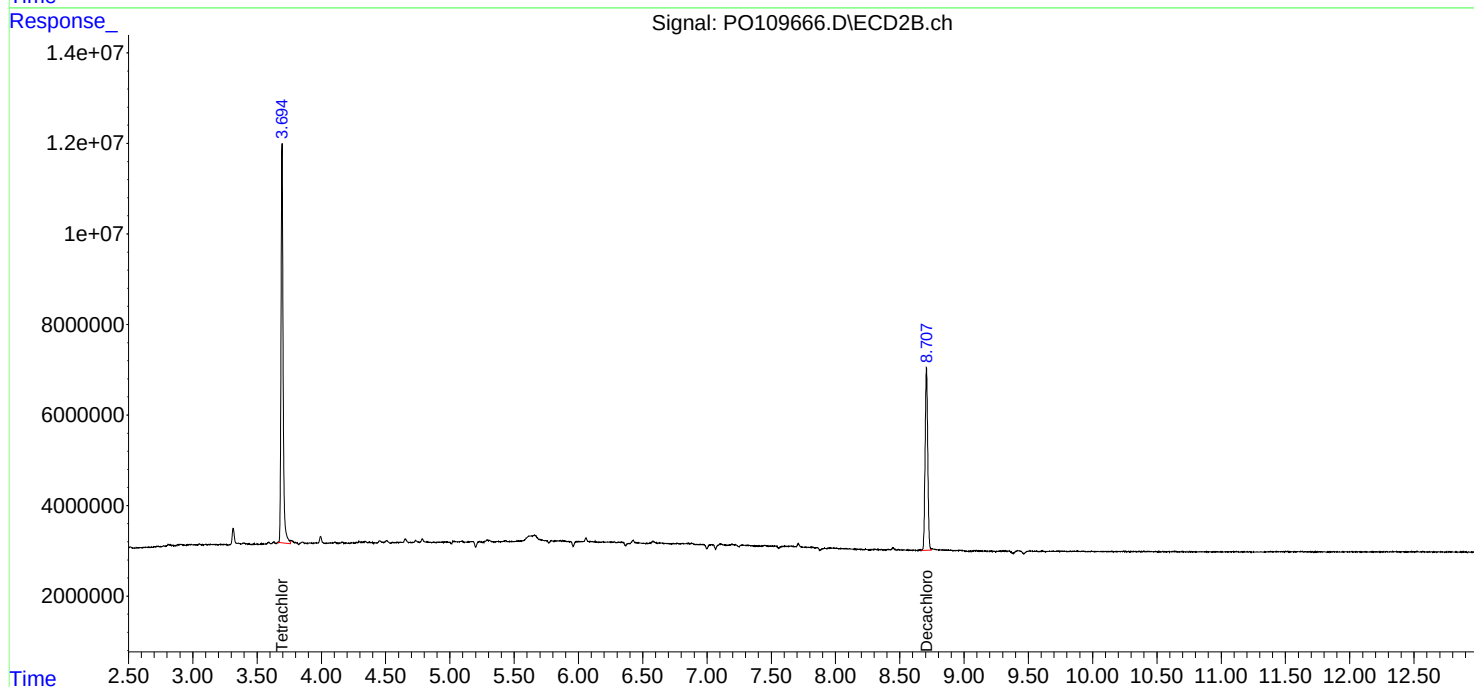
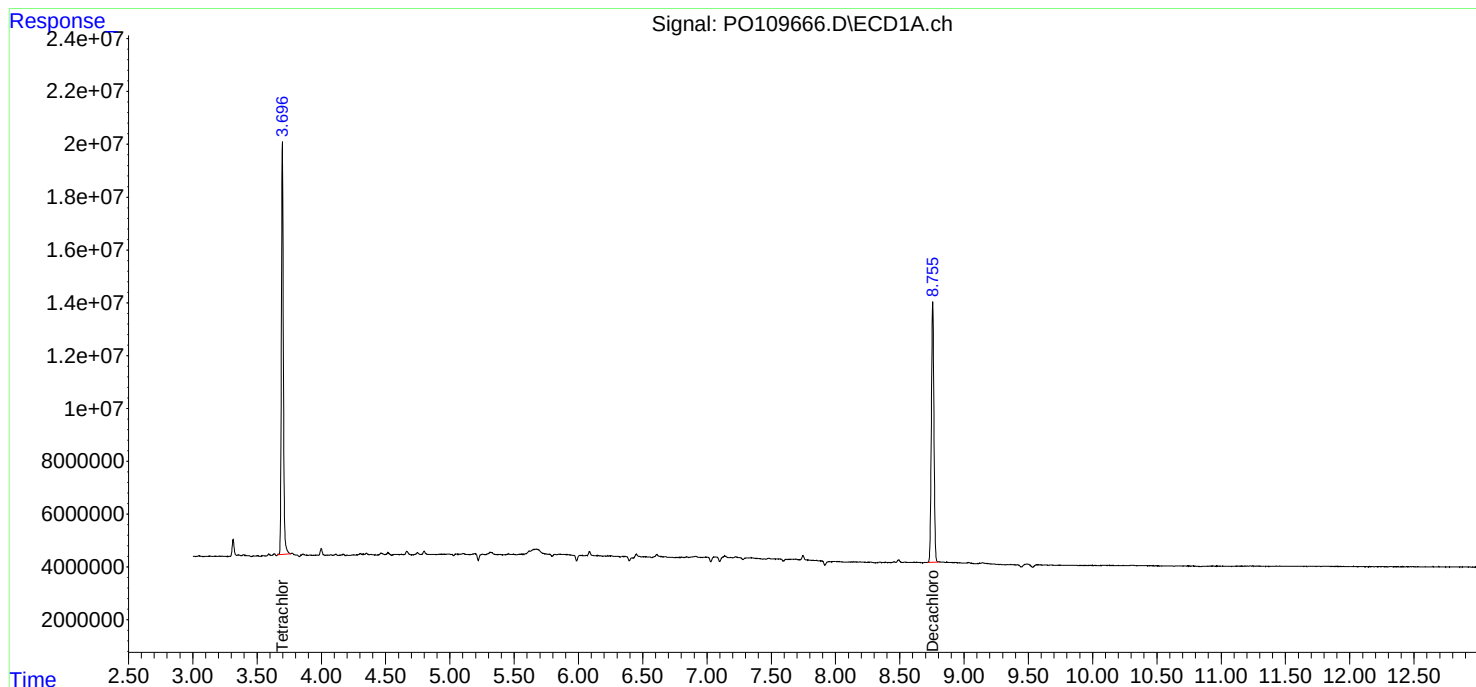
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

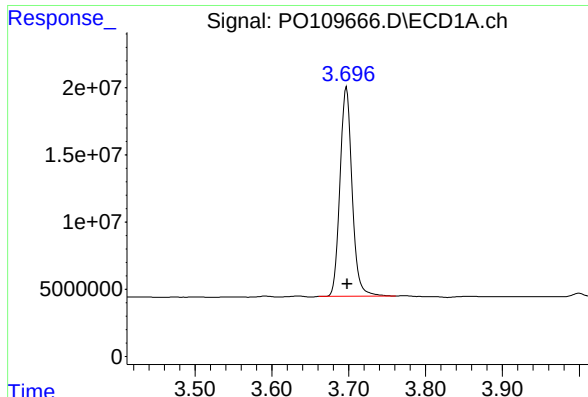
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:01
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:10:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

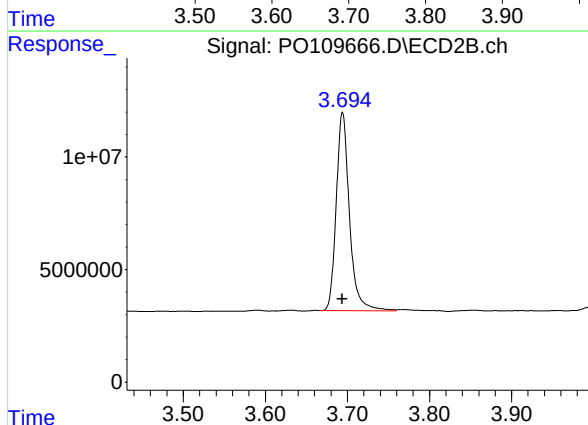




#1 Tetrachloro-m-xylene

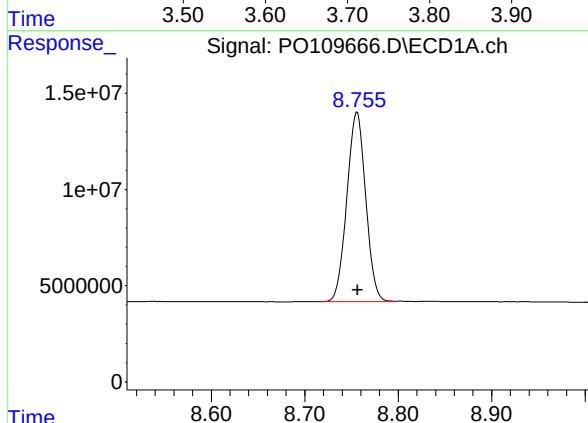
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 167776036
Conc: 17.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



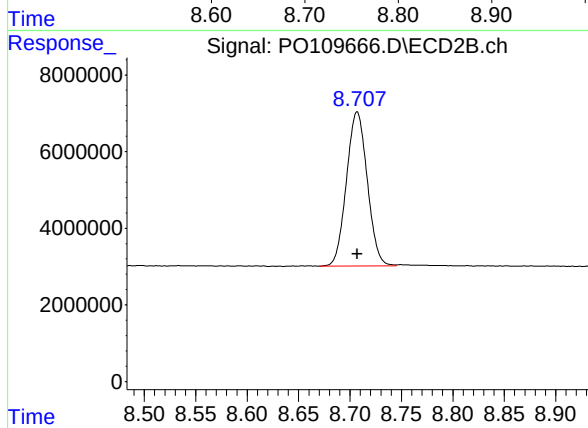
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 99000704
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 138067257
Conc: 16.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 56757931
Conc: 17.82 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/07/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/07/25
Client Sample ID:	PIBLK-PO109681.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109681.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109681.D	1		03/07/25	PO030625

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	18.1		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.0		60 - 140	85%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030625\
 Data File : P0109681.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 00:09
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 04:43:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.693	171.0E6	99008169	18.066	18.916
2) SA Decachlor...	8.755	8.706	146.1E6	58515885	16.982	18.377

Target Compounds

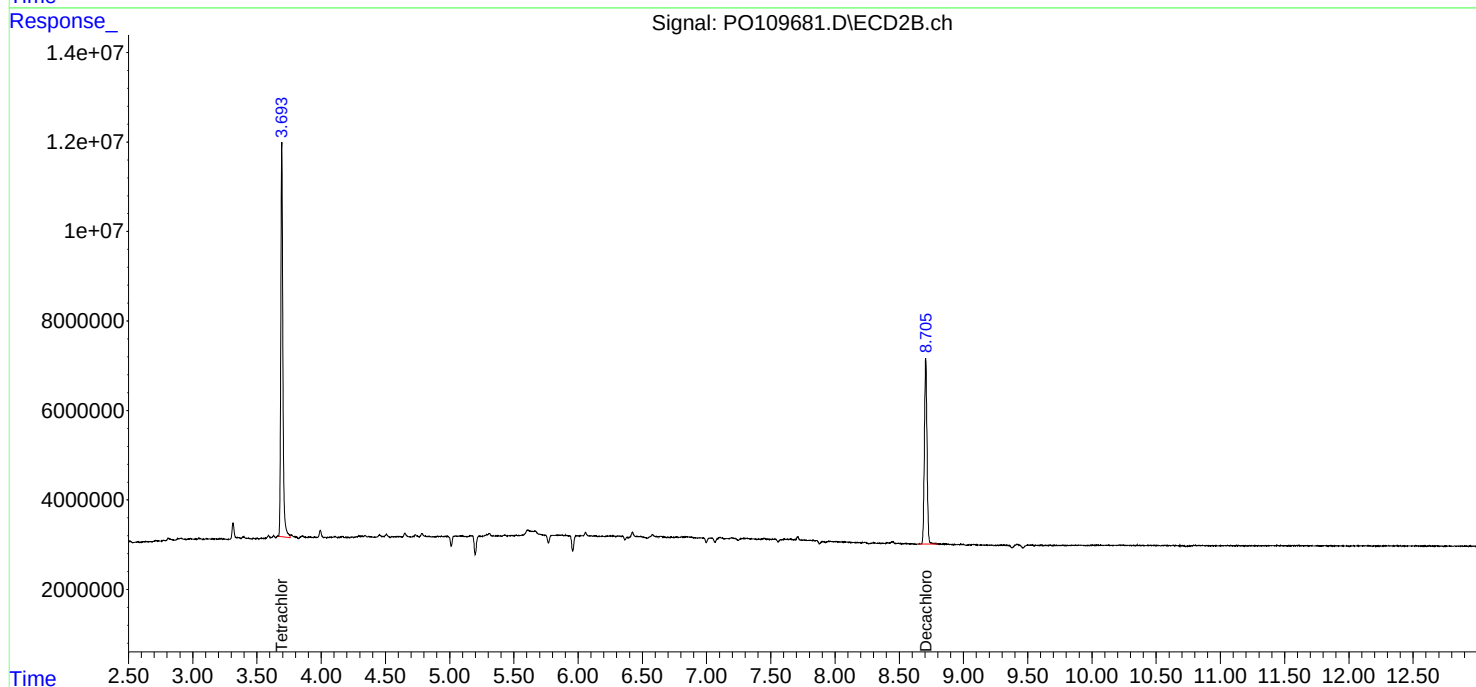
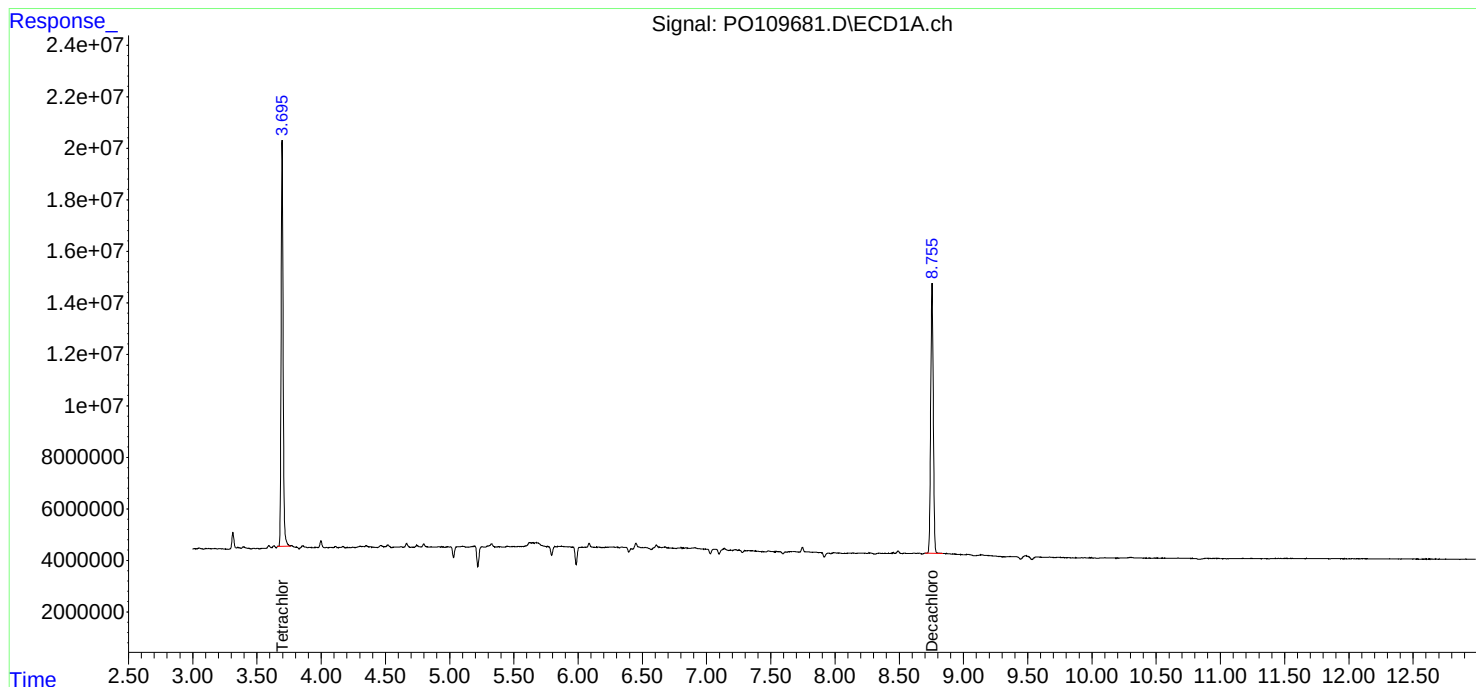
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

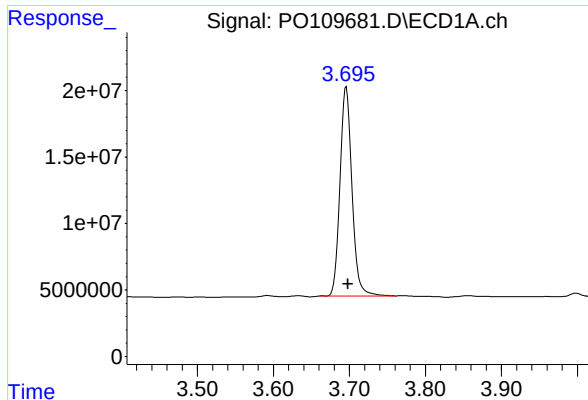
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:09
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:43:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

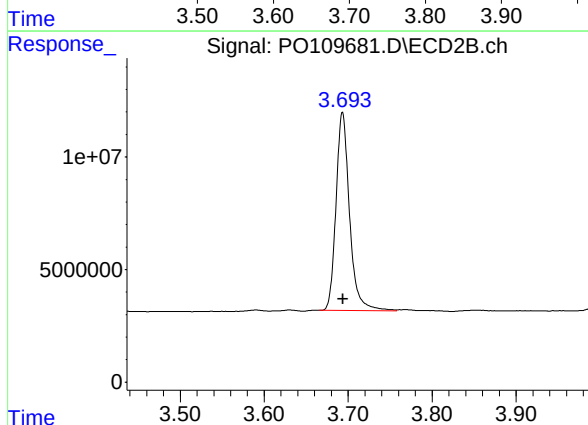




#1 Tetrachloro-m-xylene

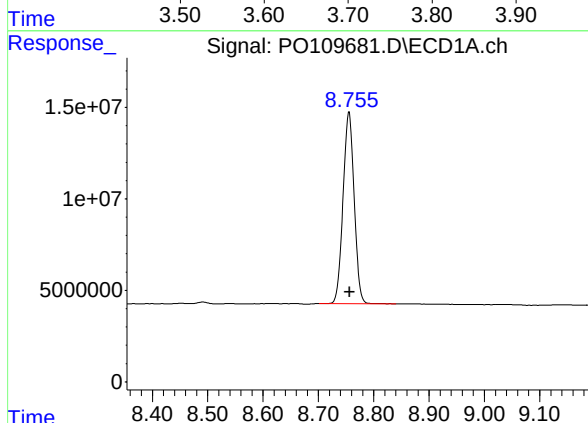
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 170994525
Conc: 18.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



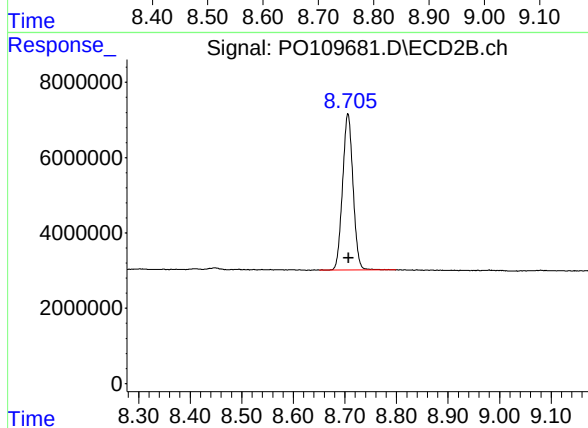
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 99008169
Conc: 18.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 146079199
Conc: 16.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 58515885
Conc: 18.38 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/07/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/07/25
Client Sample ID:	PIBLK-PO109696.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109696.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109696.D	1		03/07/25	PO030625

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	17.9		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140	81%	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_O\Data\P0030625\
Data File : P0109696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 06:19
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:38:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.695	3.693	169.8E6	98562197	17.938	18.830
2) SA Decachlor...	8.754	8.704	139.8E6	56563978	16.248	17.764

Target Compounds

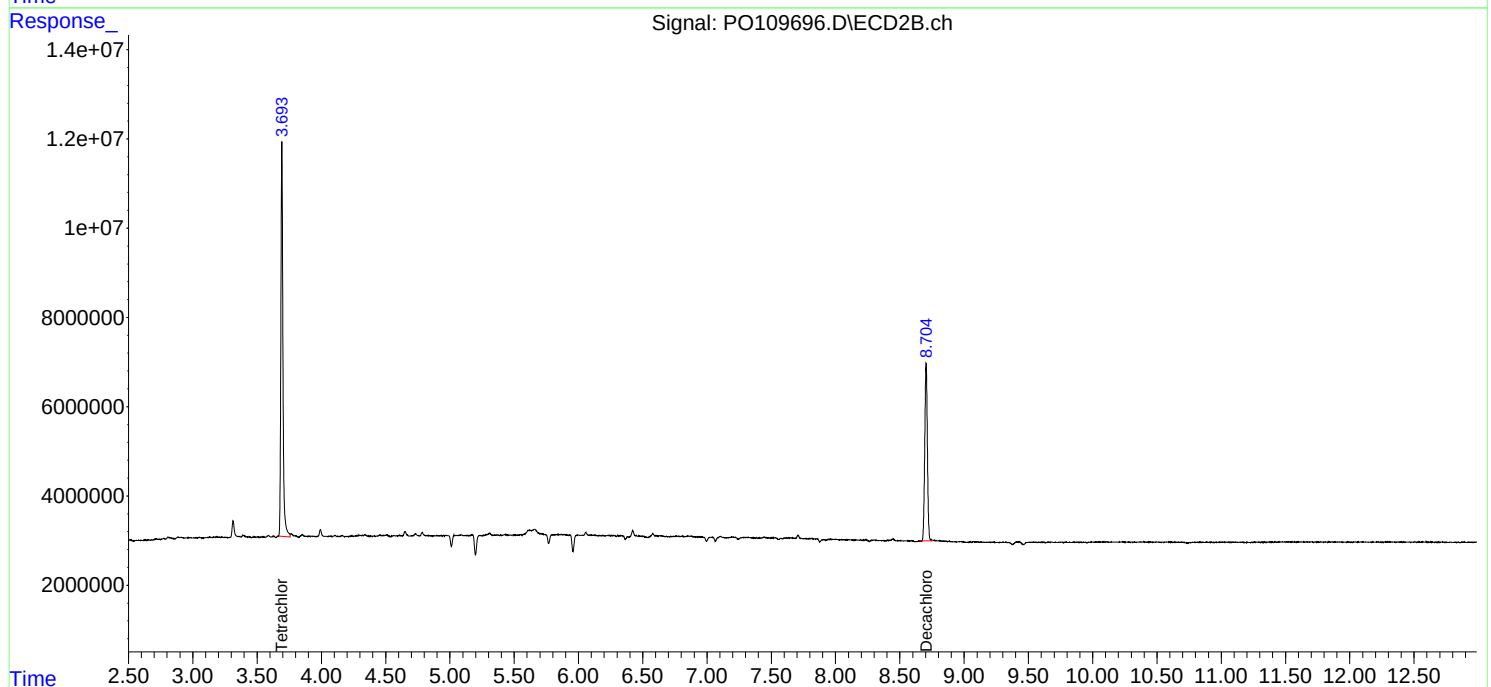
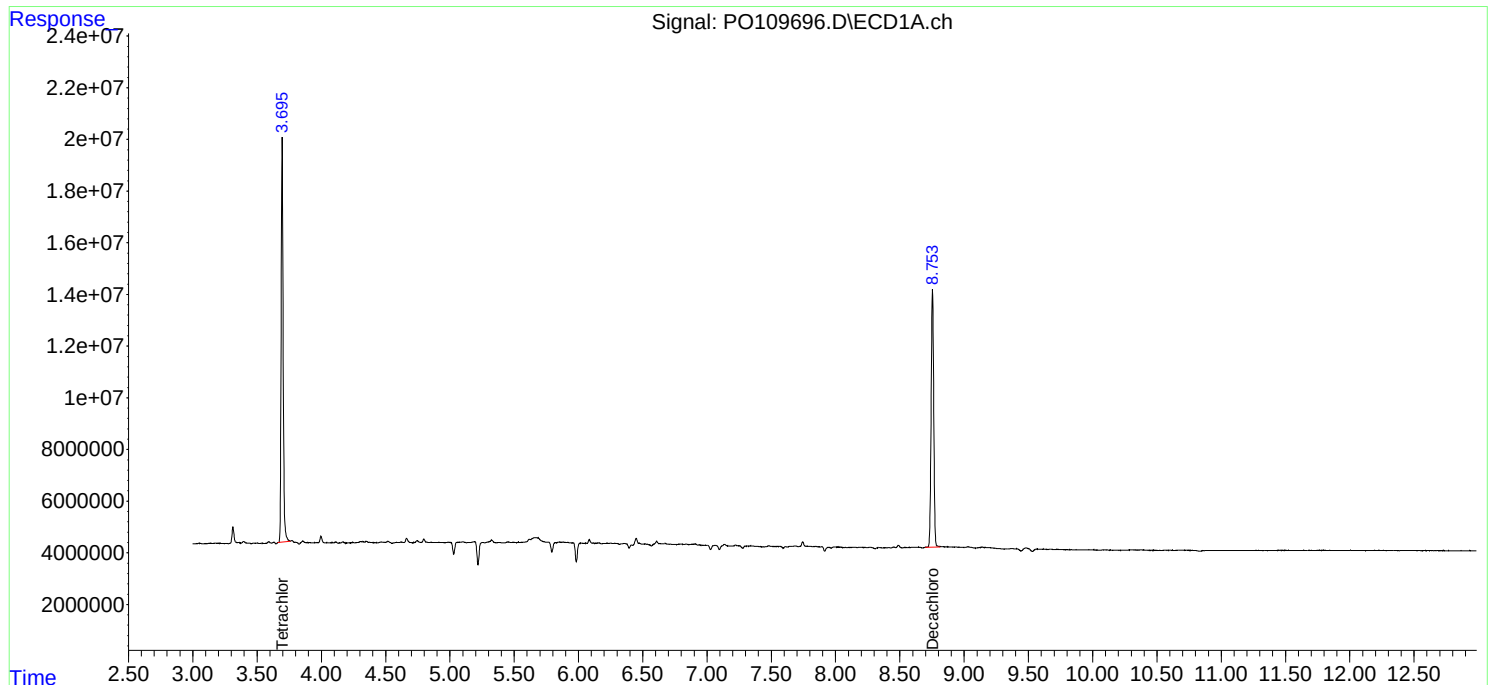
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

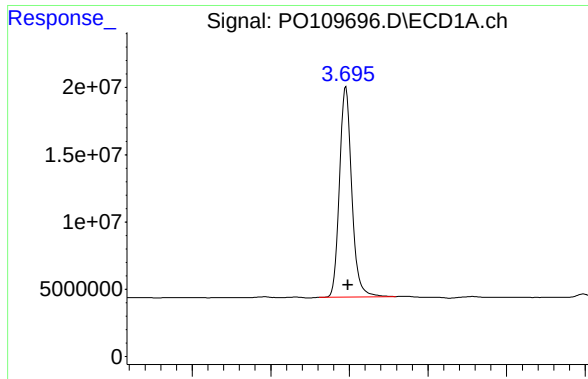
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 06:19
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:38:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

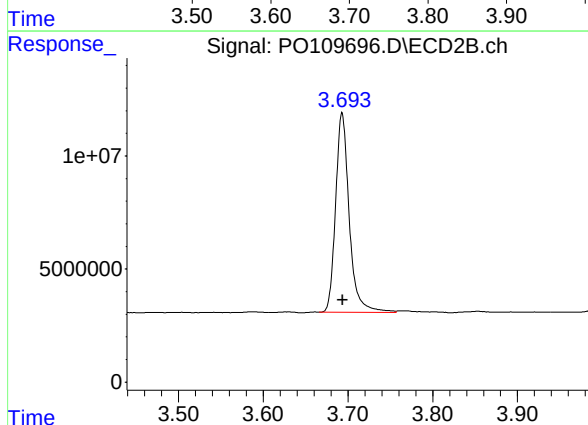




#1 Tetrachloro-m-xylene

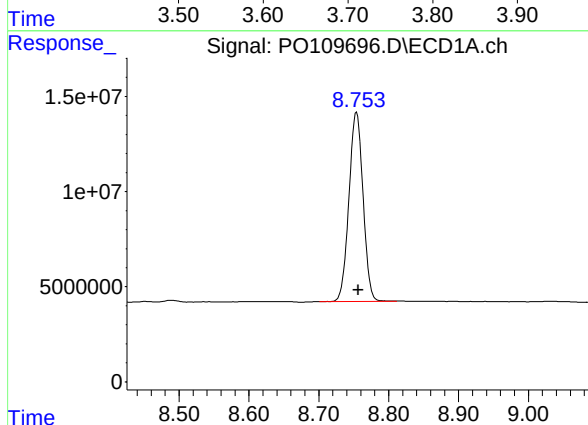
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 169789644
Conc: 17.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



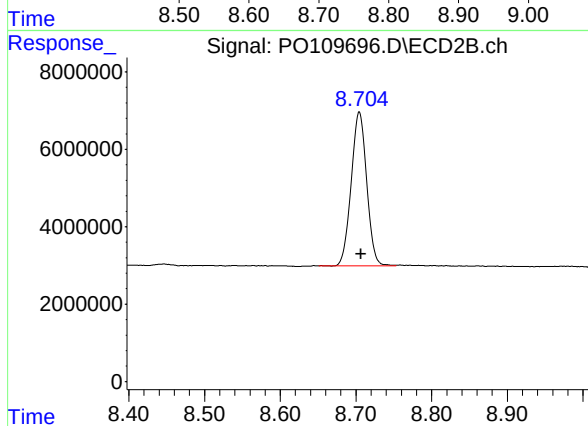
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 98562197
Conc: 18.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 139765247
Conc: 16.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: -0.002 min
Response: 56563978
Conc: 17.76 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/07/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/07/25
Client Sample ID:	PIBLK-PO109699.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109699.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109699.D	1		03/07/25	PO030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		60 - 140	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		60 - 140	93%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030725\
 Data File : P0109699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 09:17
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 12:42:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.695	3.693	194.8E6	110.6E6	20.576	21.134
2) SA Decachlor...	8.752	8.704	160.7E6	63136411	18.681	19.828

Target Compounds

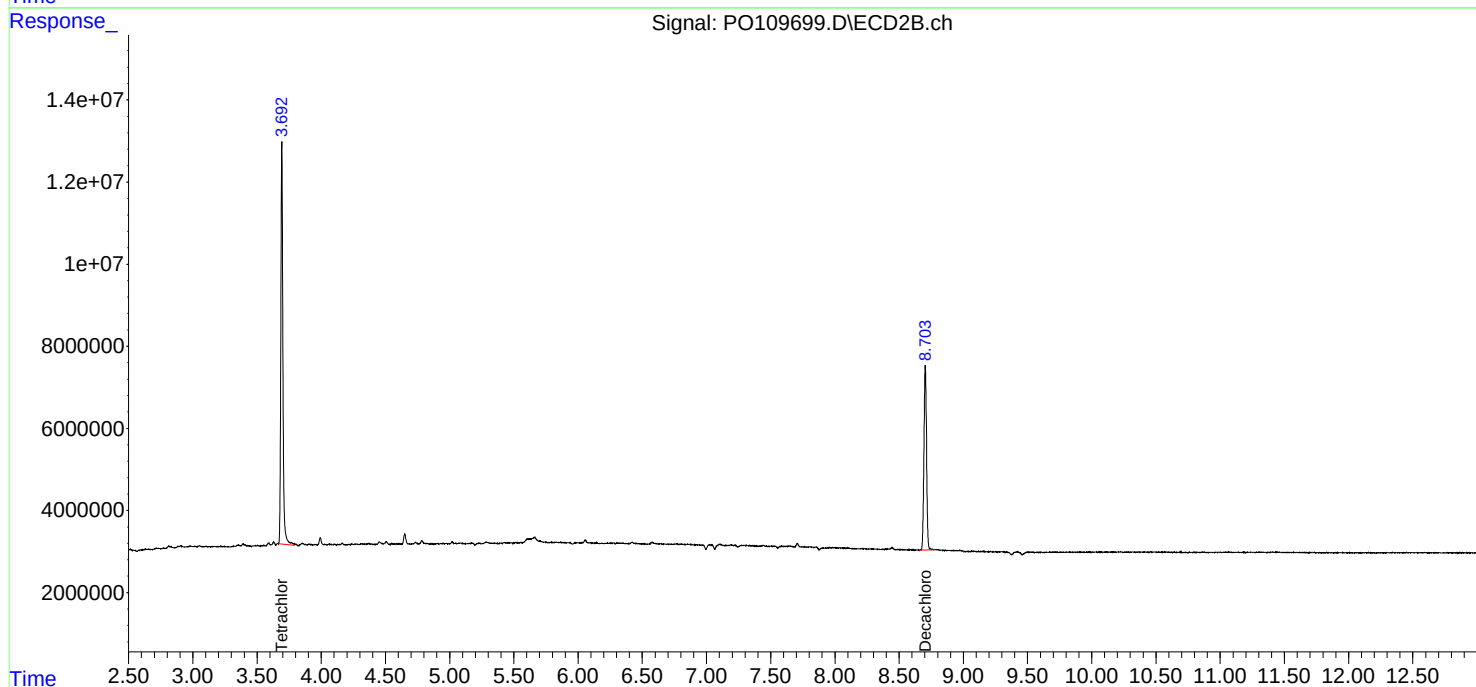
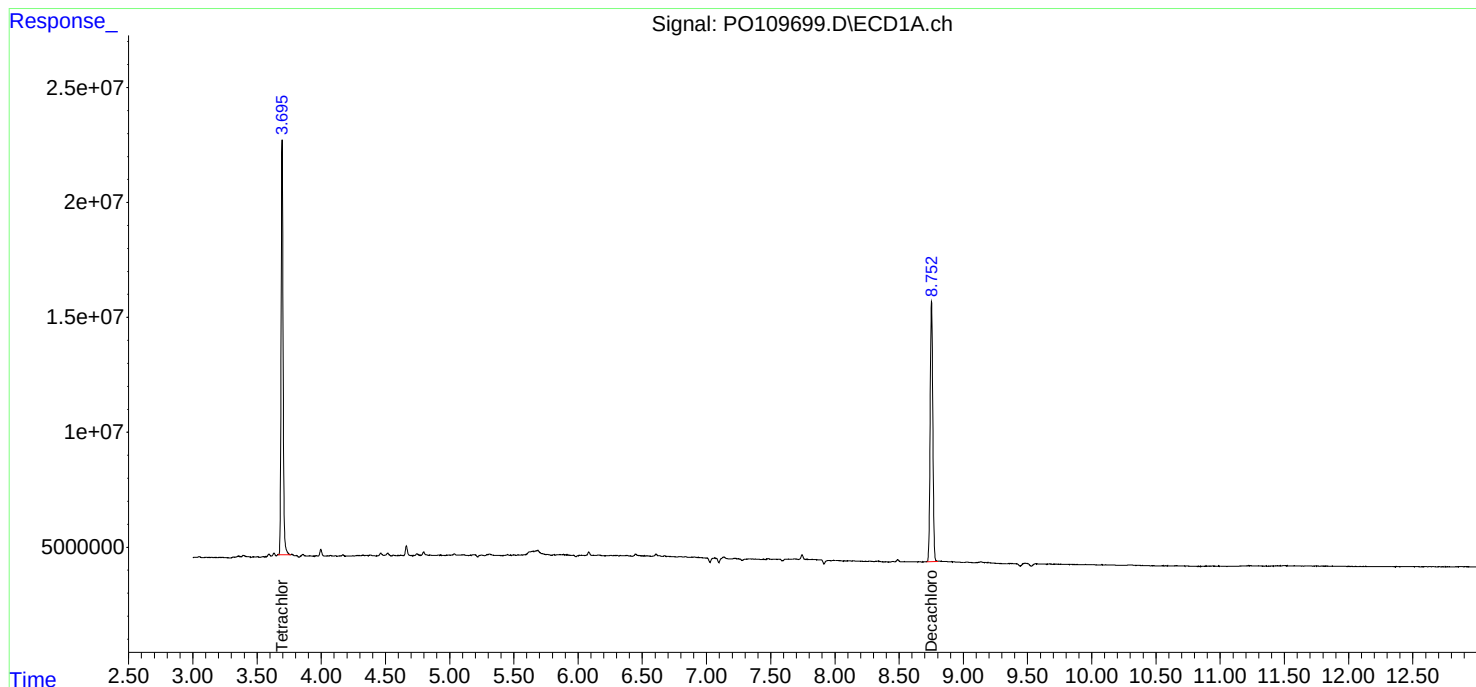
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

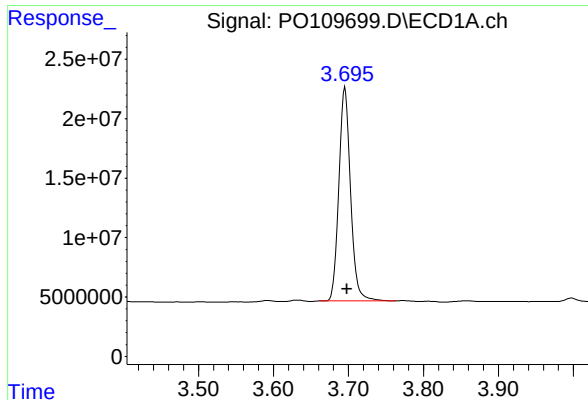
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:17
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:42:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

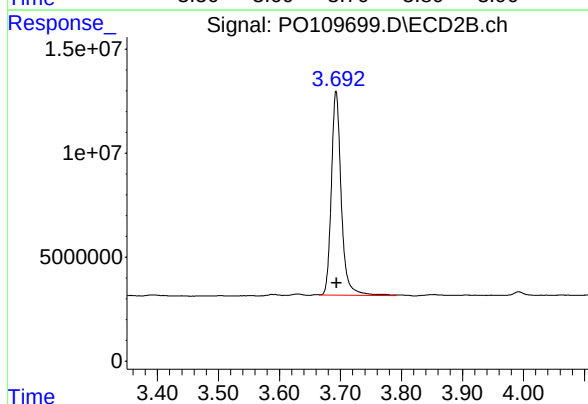




#1 Tetrachloro-m-xylene

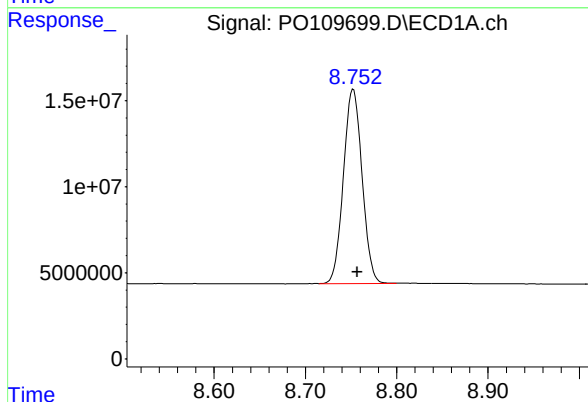
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 194753958
Conc: 20.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



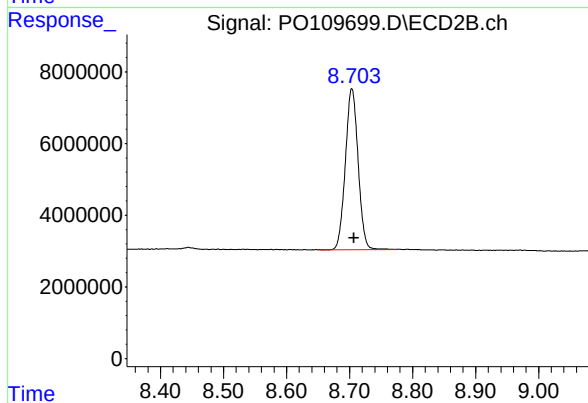
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 110620173
Conc: 21.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 160693618
Conc: 18.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 63136411
Conc: 19.83 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/07/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/07/25
Client Sample ID:	PIBLK-PO109712.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PO109712.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109712.D	1		03/07/25	PO030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		60 - 140	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		60 - 140	96%	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_O\Data\PO030725\
 Data File : PO109712.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 13:42
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 14:34:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.693	193.9E6	110.6E6	20.482	21.125
2) SA Decachlor...	8.754	8.705	164.7E6	64377888	19.147	20.218

Target Compounds

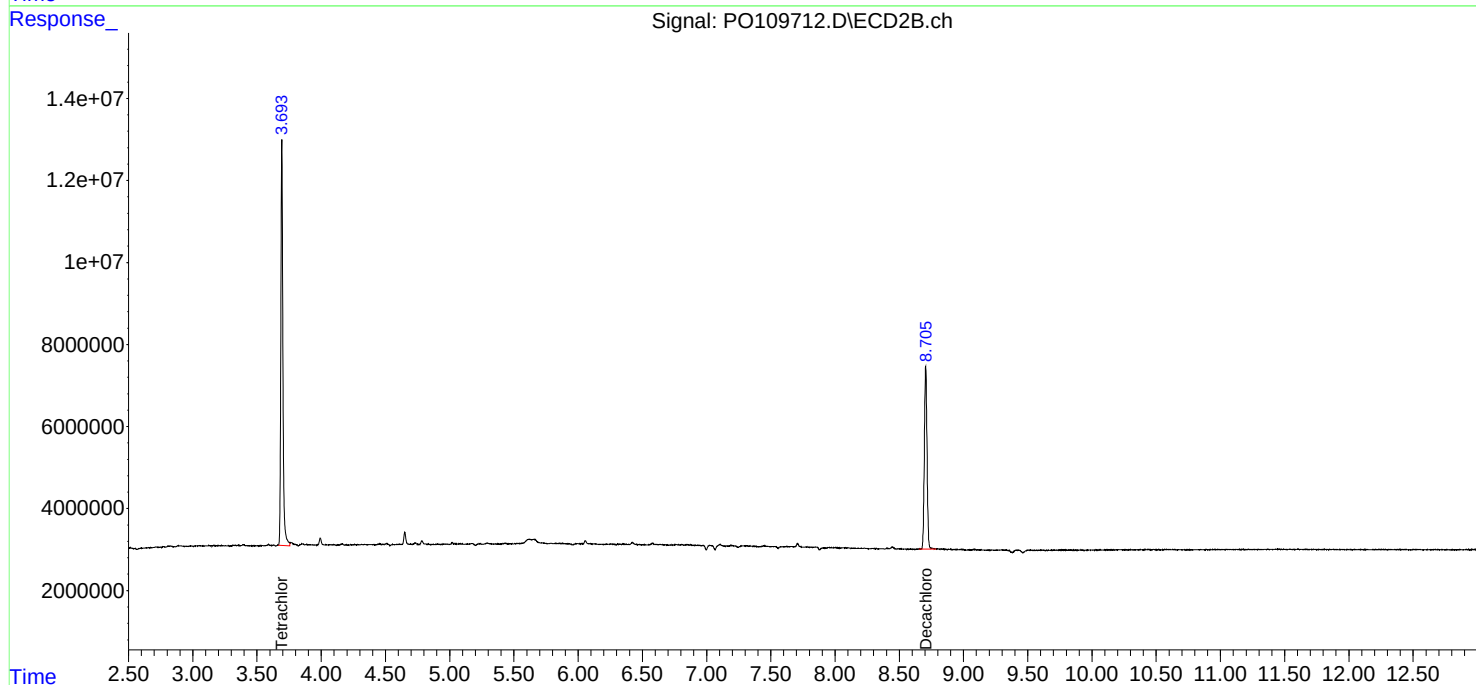
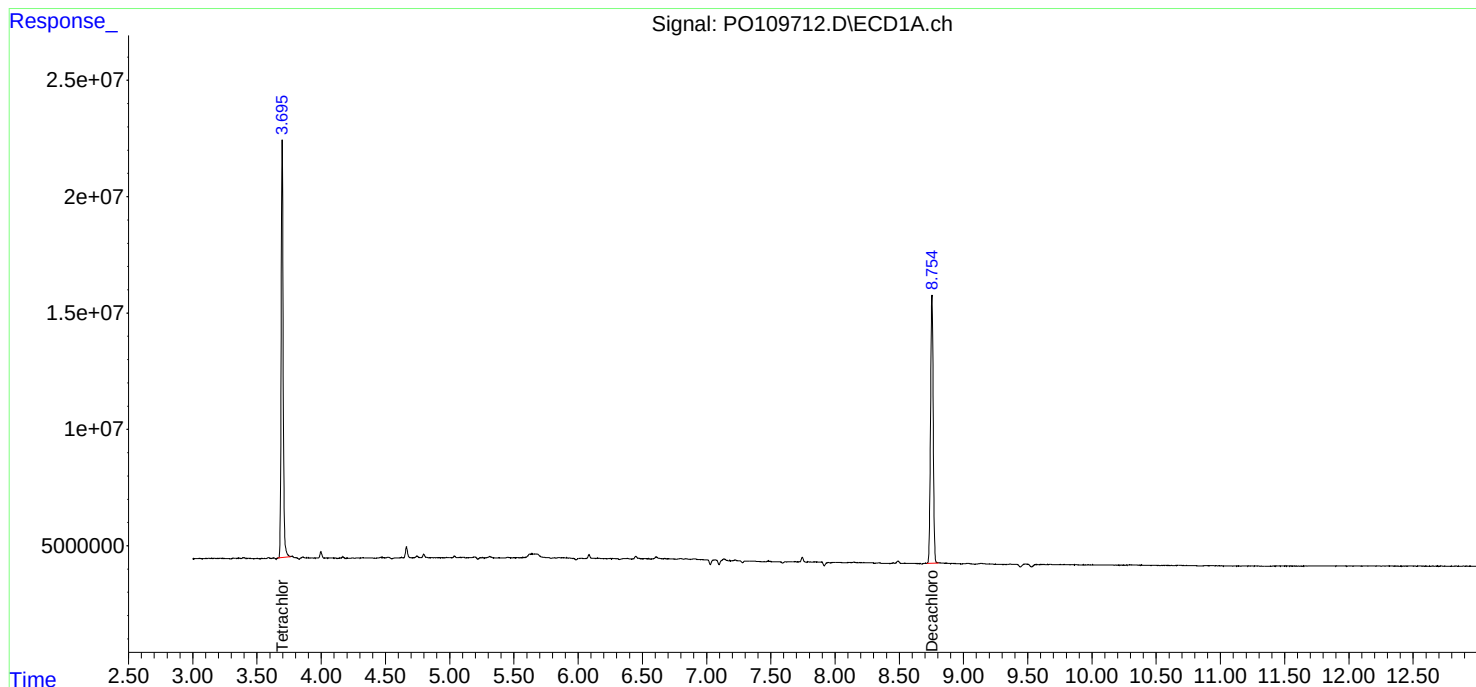
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

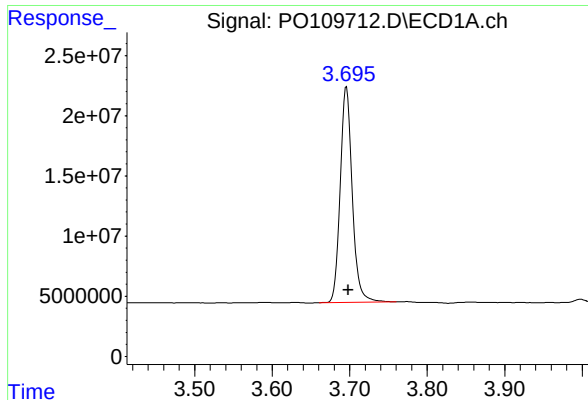
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:42
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 14:34:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

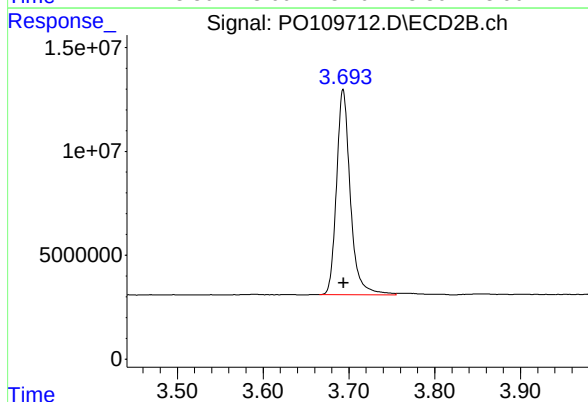




#1 Tetrachloro-m-xylene

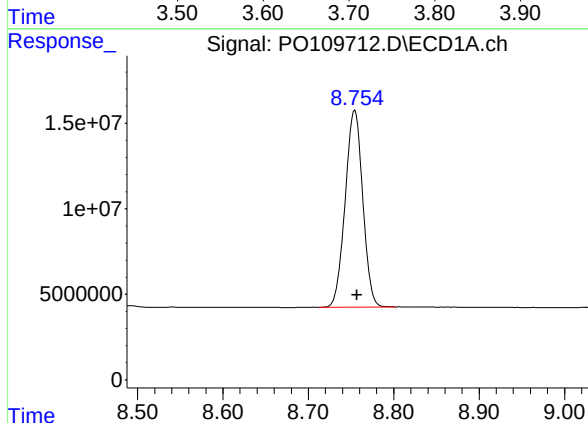
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 193866438
Conc: 20.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



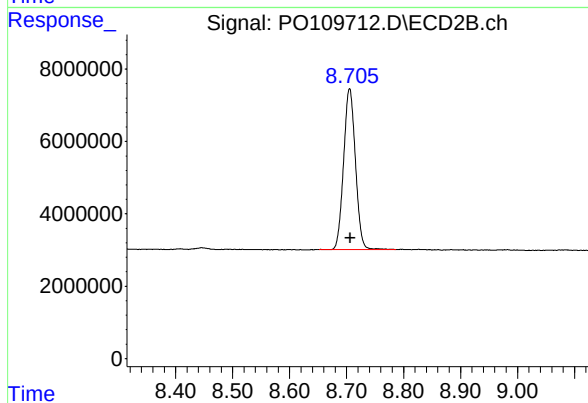
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 110570577
Conc: 21.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 164698386
Conc: 19.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 64377888
Conc: 20.22 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/24/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/24/25
Client Sample ID:	PIBLK-PP069995.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PP069995.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069995.D	1		02/24/25	PP022425

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	21.9		60 - 140	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		60 - 140	108%	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\PP022425\
Data File : PP069995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 14:43
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: Feb 25 05:11:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.829	32092801	21102903	21.867	22.073
2) SA Decachlor...	10.254	8.887	24802970	23428943	21.775	21.611

Target Compounds

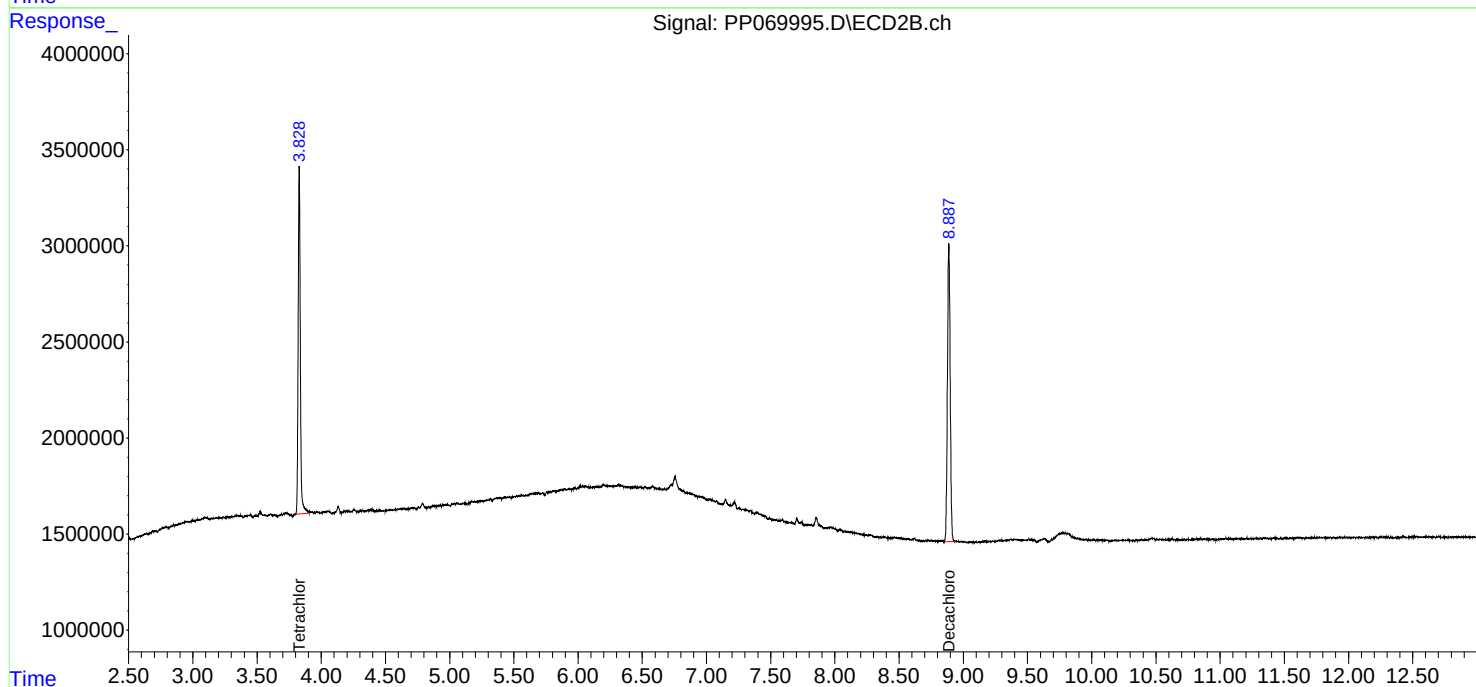
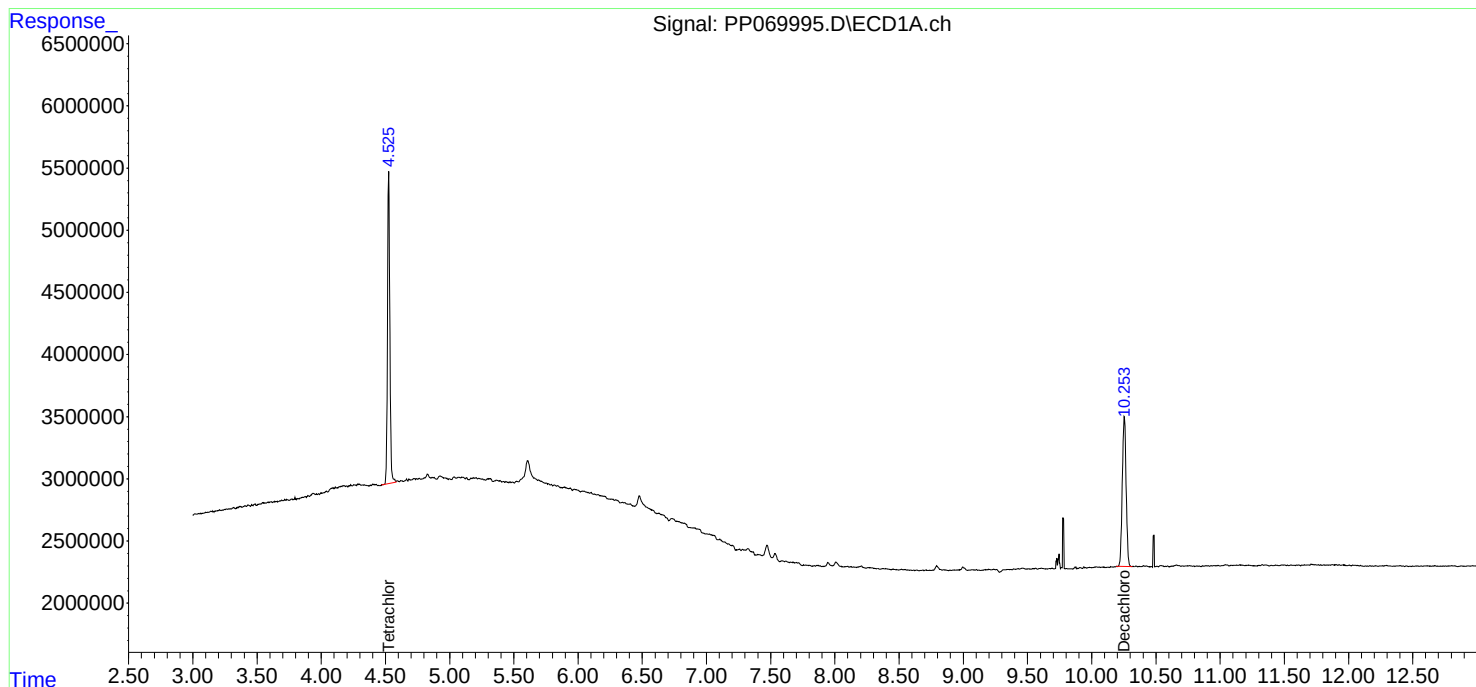
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

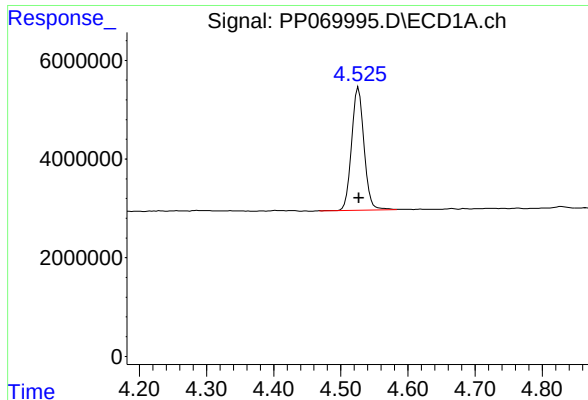
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 14:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 05:11:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

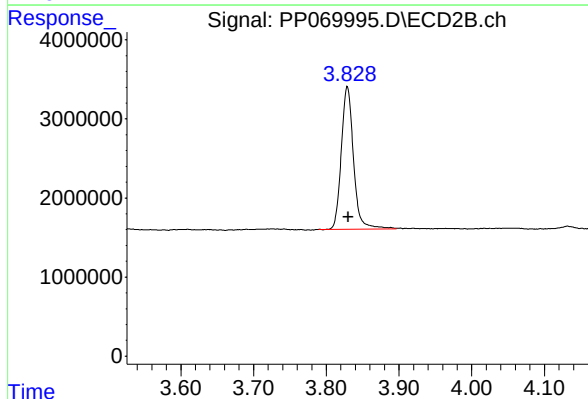




#1 Tetrachloro-m-xylene

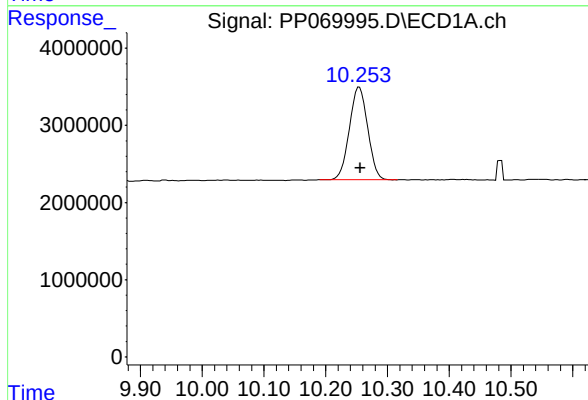
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 32092801
Conc: 21.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



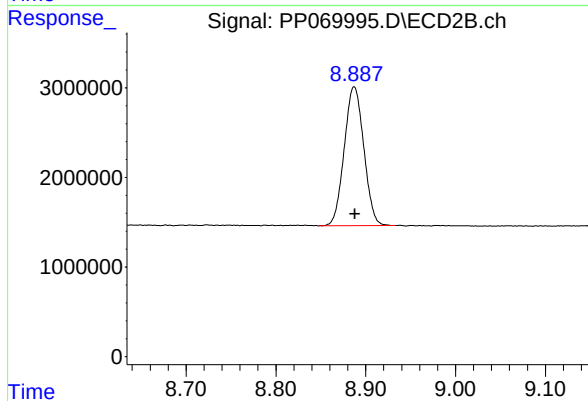
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 21102903
Conc: 22.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 24802970
Conc: 21.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 23428943
Conc: 21.61 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/06/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/06/25
Client Sample ID:	PIBLK-PP070328.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PP070328.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070328.D	1		03/06/25	PP030625

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	18.9		60 - 140	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	87%	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\PP030625\
 Data File : PP070328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 21:58
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 23:37:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.828	27762102	18783979	18.916	19.648m
2) SA Decachlor...	10.257	8.884	19738556	19262498	17.329	17.768

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 21:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

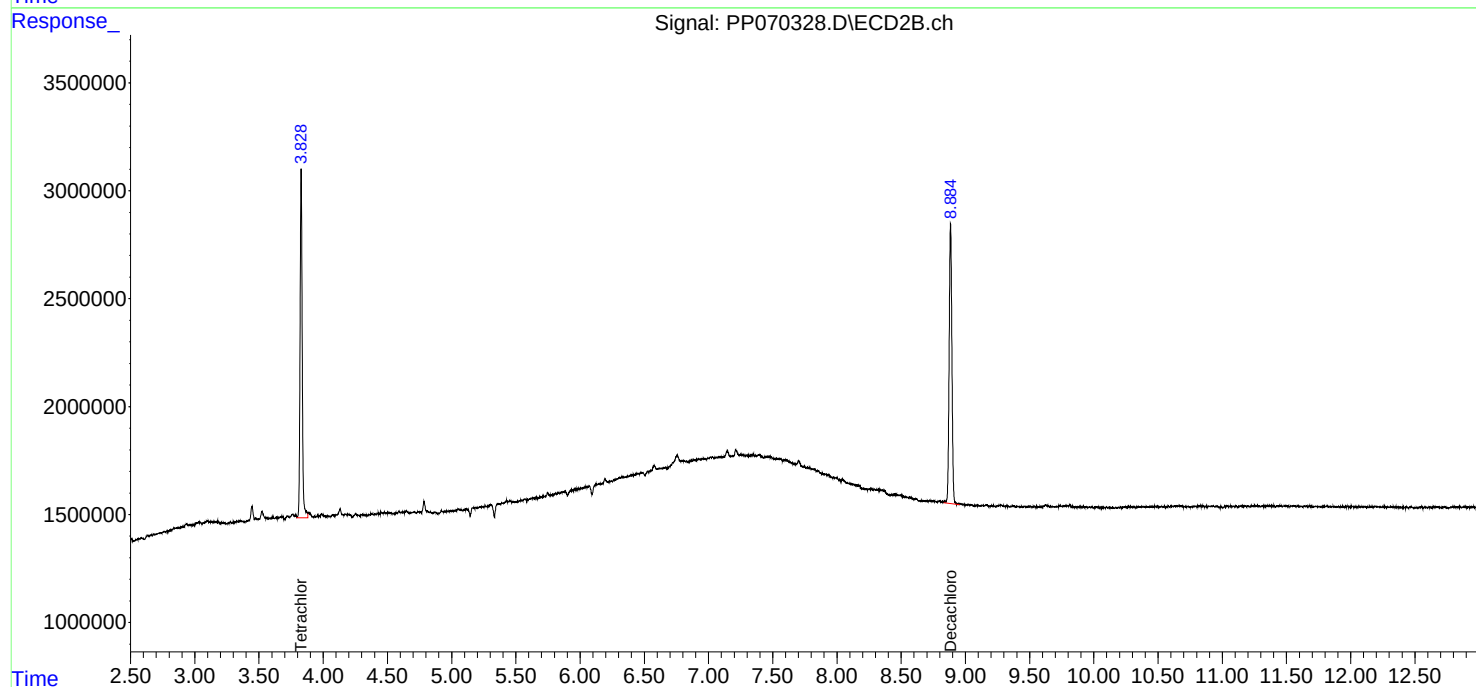
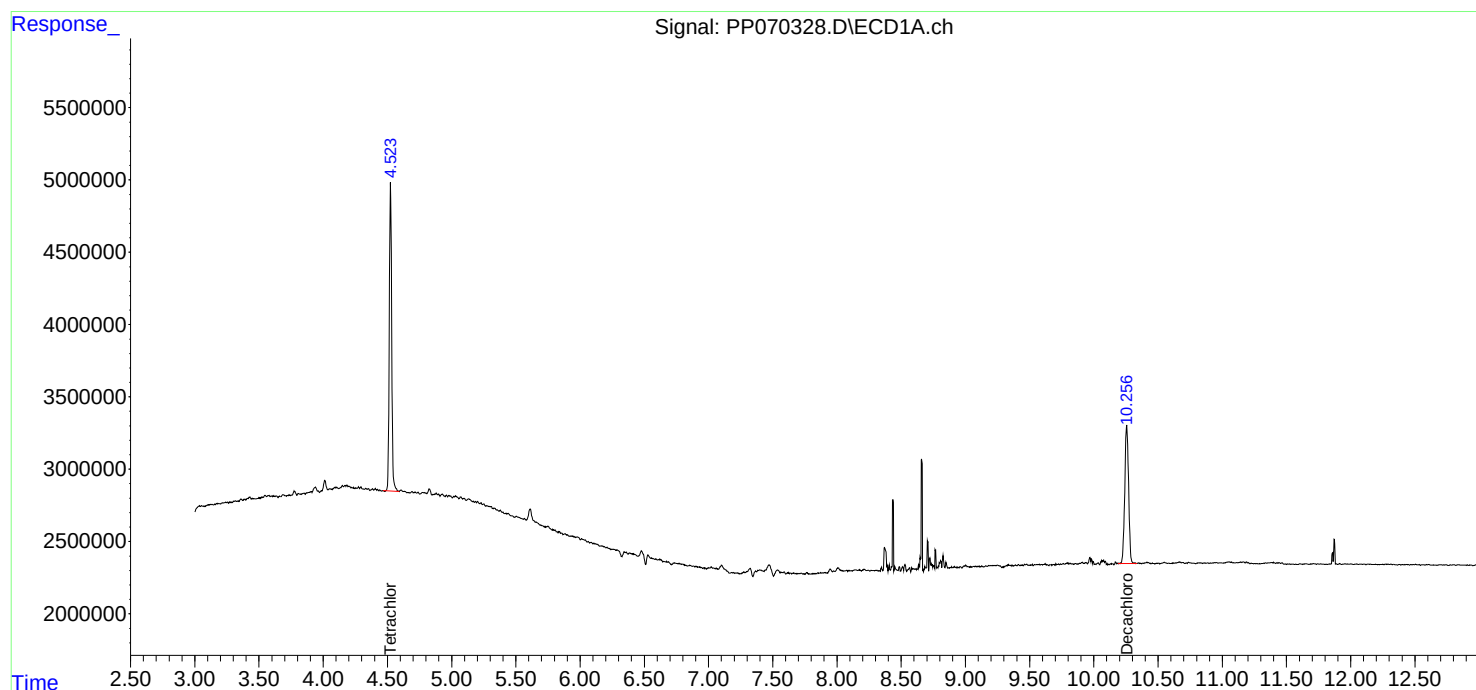
Instrument :
ECD_P
ClientSampleId :
I.BLK

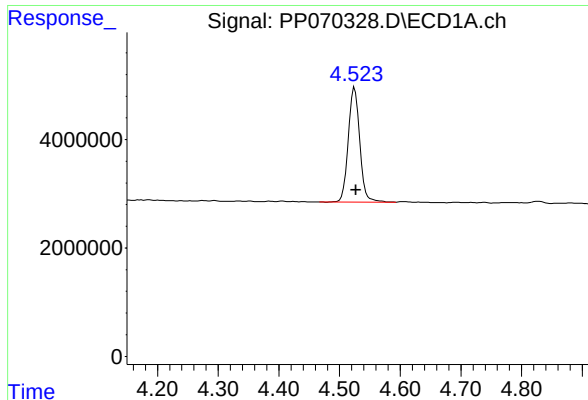
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:37:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





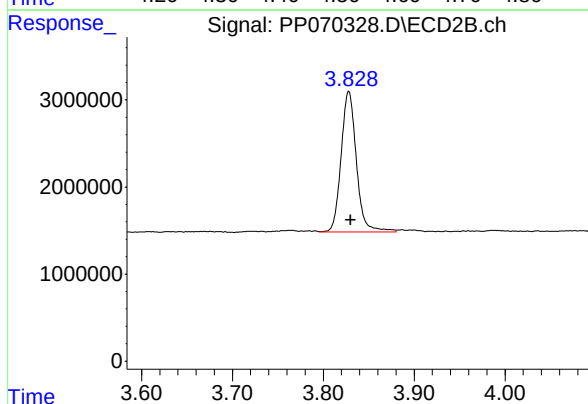
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 27762102
Conc: 18.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

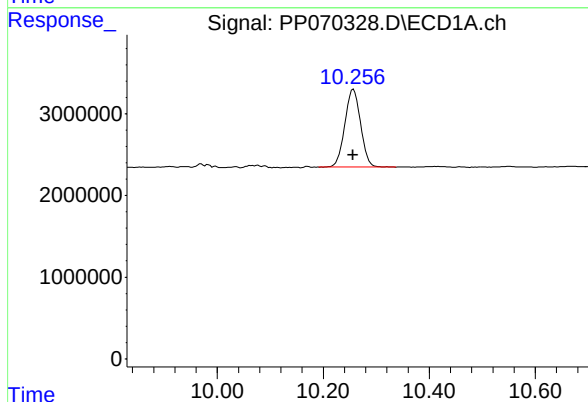
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



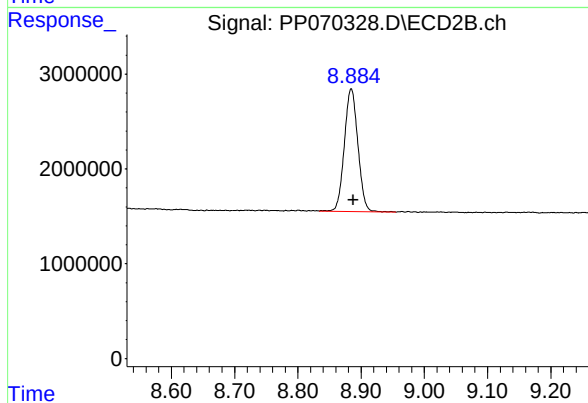
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 18783979
Conc: 19.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 19738556
Conc: 17.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.003 min
Response: 19262498
Conc: 17.77 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/07/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/07/25
Client Sample ID:	PIBLK-PP070336.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PP070336.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070336.D	1		03/07/25	PP030625

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	19.5		60 - 140	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 140	88%	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\PP030625\
 Data File : PP070336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 01:23
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 04:30:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.522	3.827	28627136	18693208	19.506	19.553
2) SA Decachlor...	10.253	8.883	20016342	19488467	17.573	17.977

Target Compounds

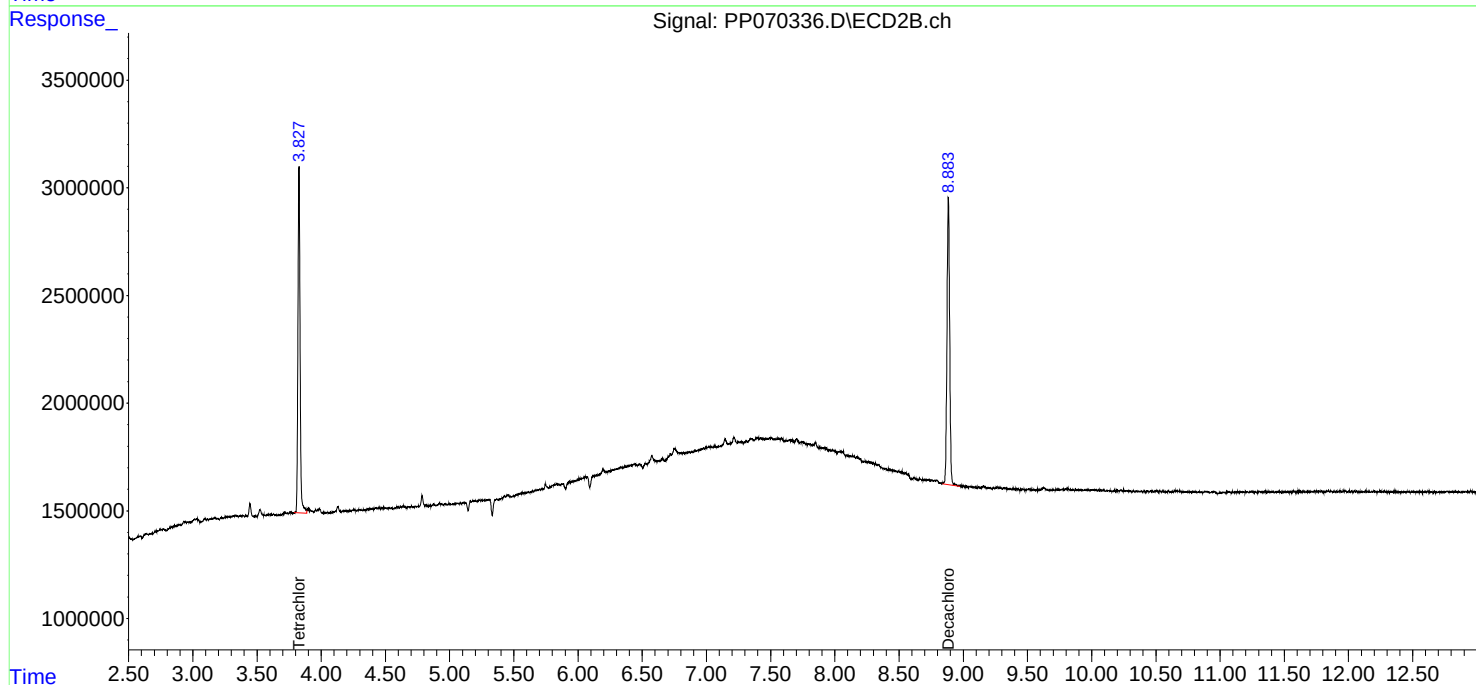
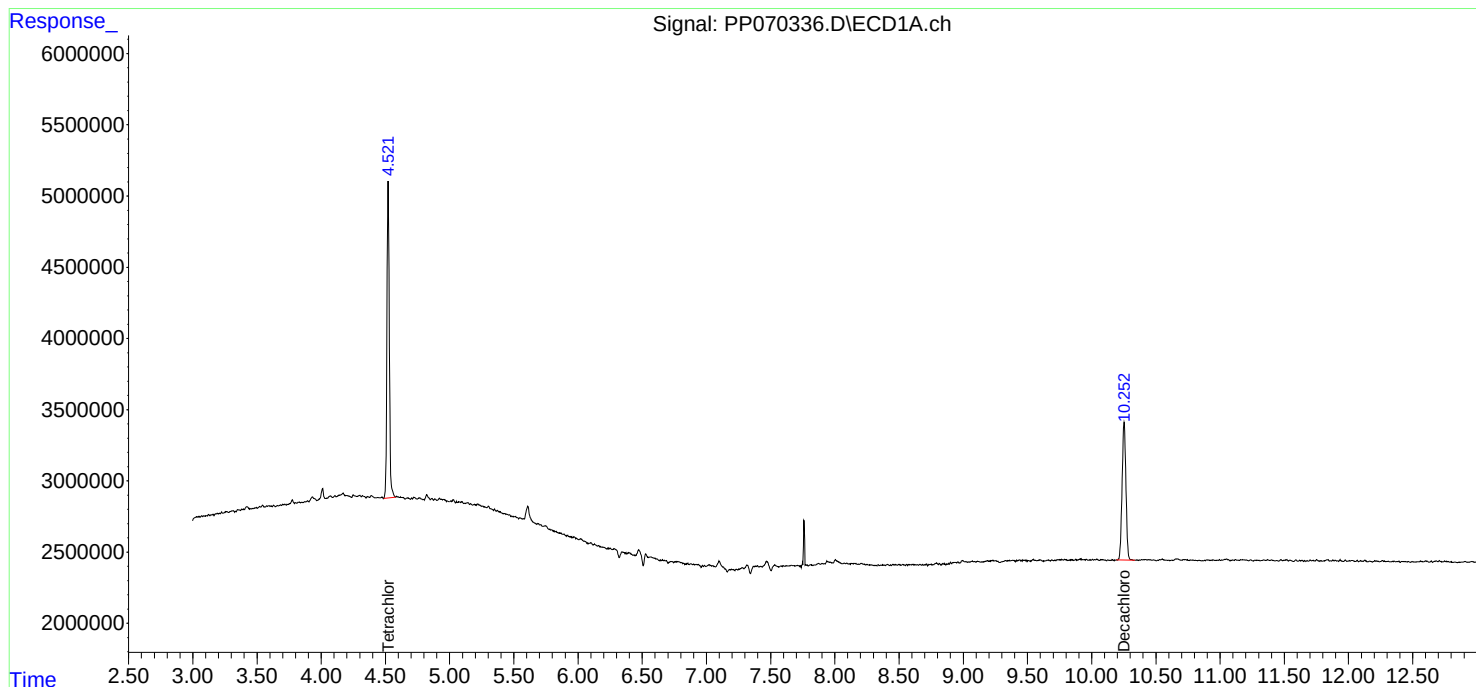
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

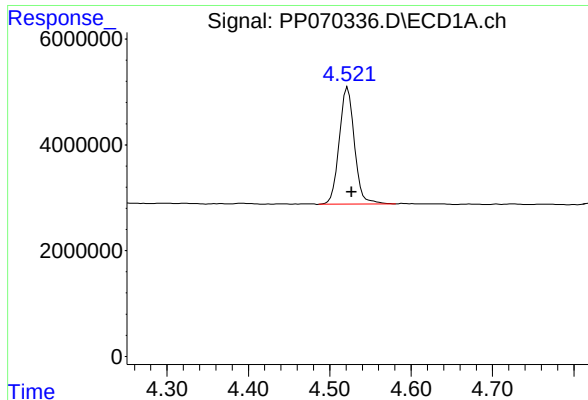
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 01:23
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:30:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

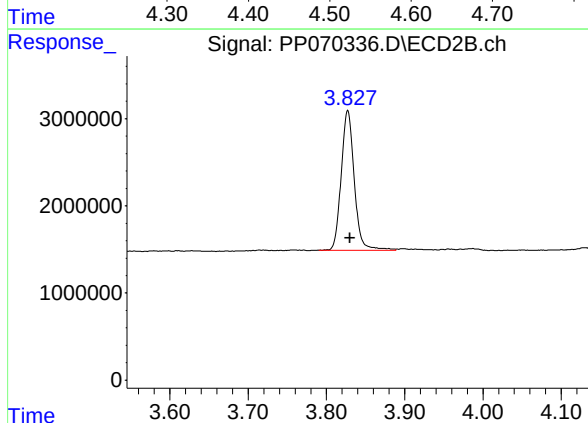




#1 Tetrachloro-m-xylene

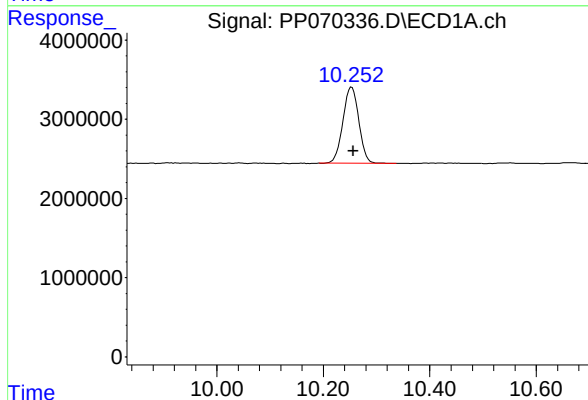
R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 28627136
Conc: 19.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



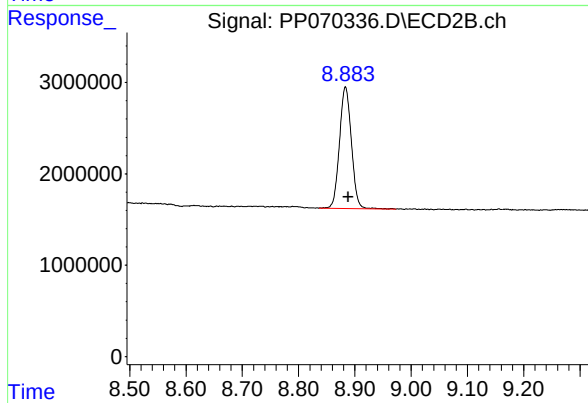
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 18693208
Conc: 19.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.003 min
Response: 20016342
Conc: 17.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 19488467
Conc: 17.98 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/07/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/07/25
Client Sample ID:	PIBLK-PP070348.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PP070348.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070348.D	1		03/07/25	PP030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		60 - 140	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 140	98%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:03
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: Mar 07 12:30:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.827	30515577	19739272	20.793	20.647
2)	SA Decachlor...	10.254	8.882	22334120	22381121	19.608	20.645

Target Compounds

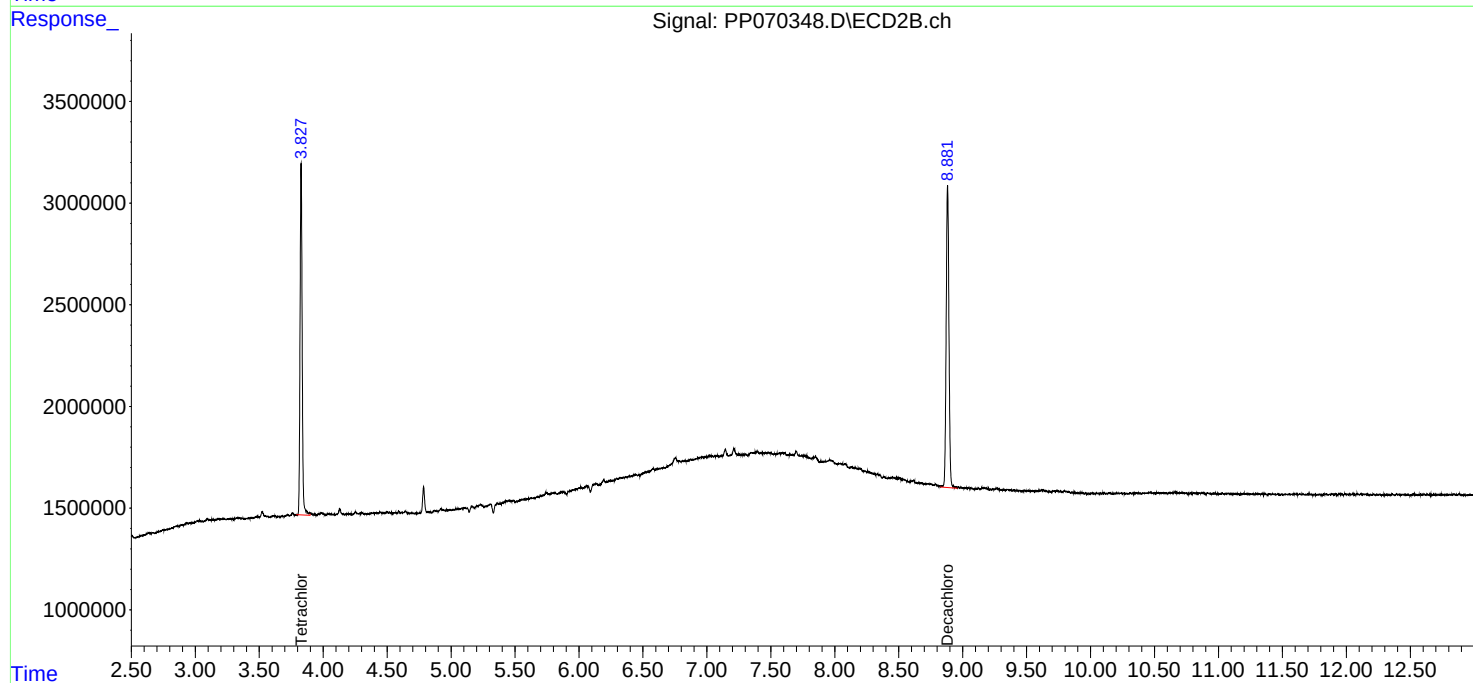
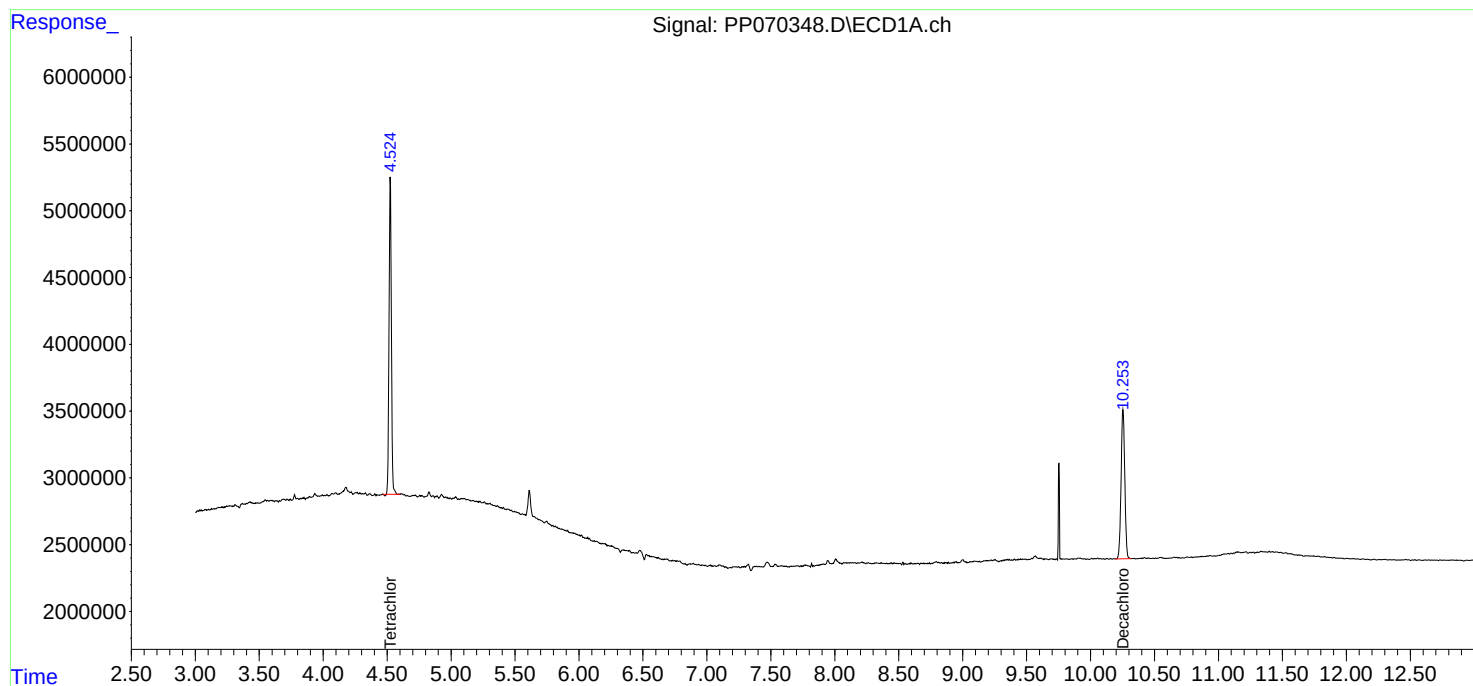
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

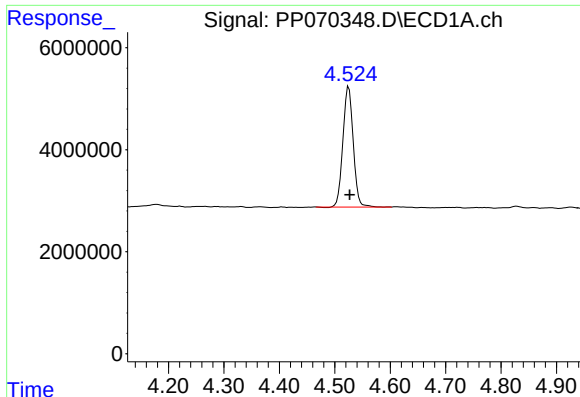
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:03
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:30:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

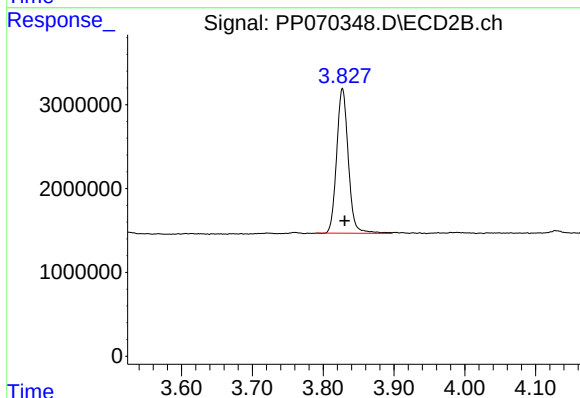




#1 Tetrachloro-m-xylene

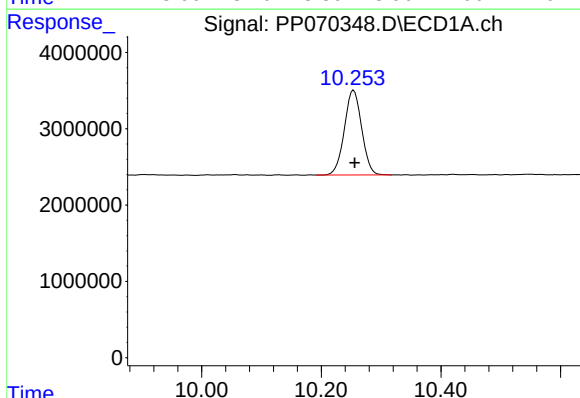
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 30515577
Conc: 20.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



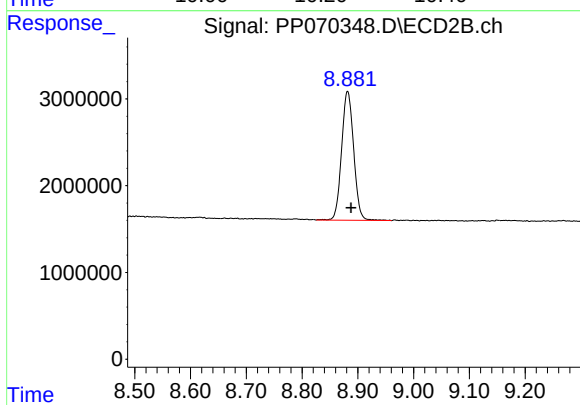
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 19739272
Conc: 20.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 22334120
Conc: 19.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.882 min
Delta R.T.: -0.006 min
Response: 22381121
Conc: 20.64 ng/ml

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	03/07/25	
Project:	K084-SCA PCBs NYC - 2022SCA421		Date Received:	03/07/25	
Client Sample ID:	PIBLK-PP070363.D		SDG No.:	Q1437	
Lab Sample ID:	I.BLK-PP070363.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070363.D	1		03/07/25	PP030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		60 - 140	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 140	99%	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\PP030725\
Data File : PP070363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 16:50
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: Mar 08 00:17:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.827	31376748	19862006	21.379	20.775
2)	SA Decachlor...	10.254	8.881	22590697	21979268	19.833	20.274

Target Compounds

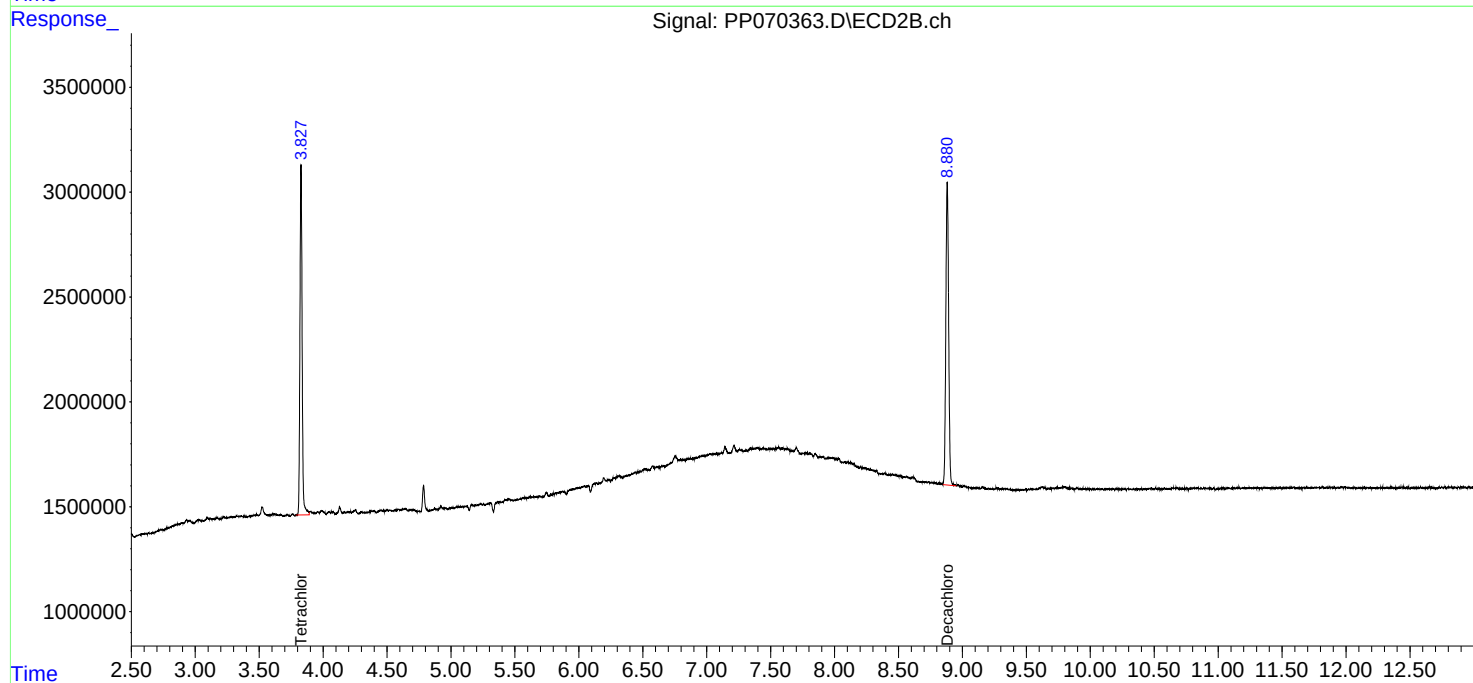
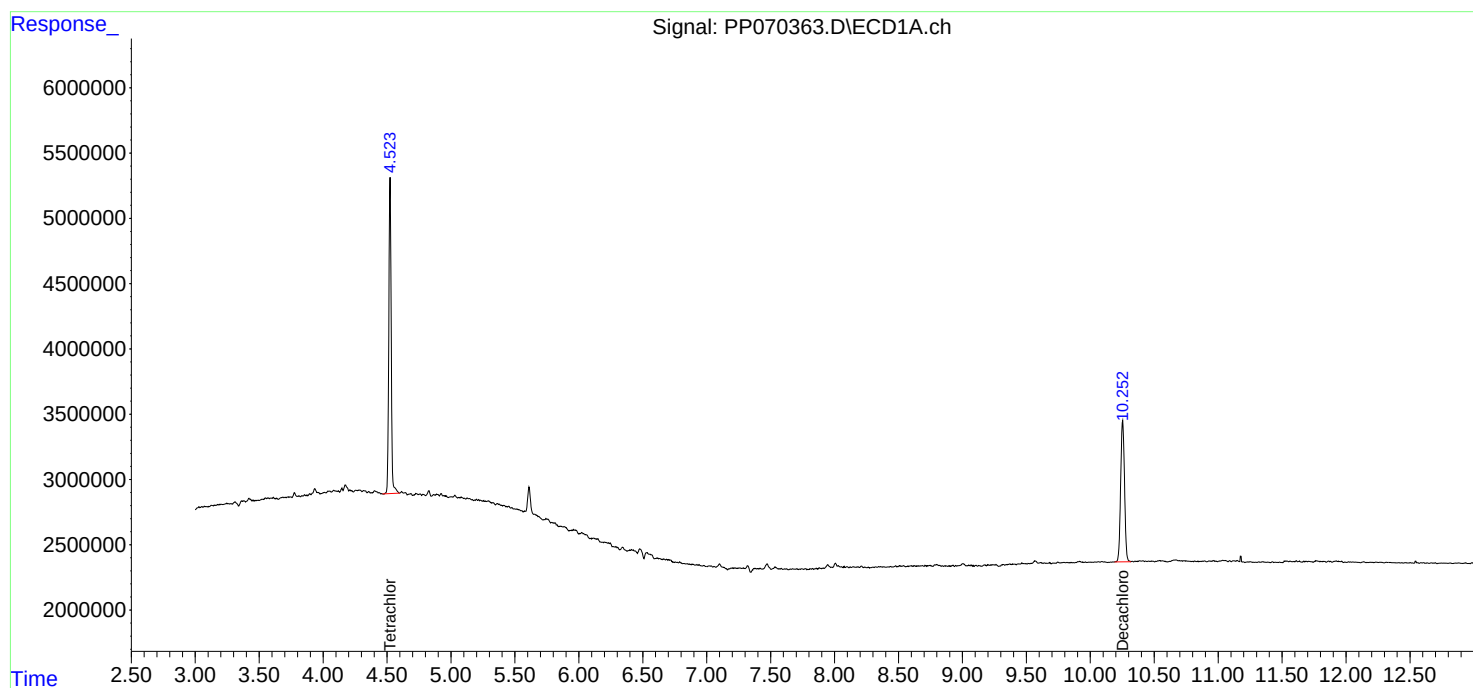
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

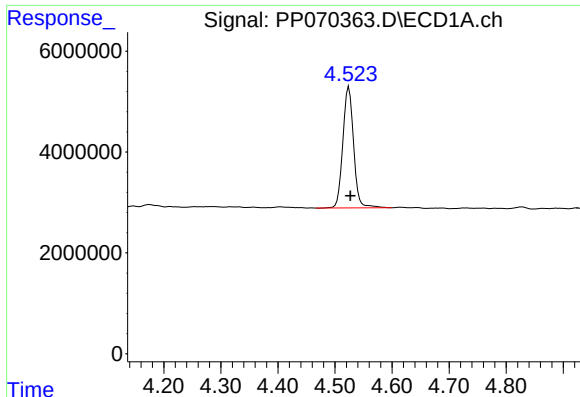
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 16:50
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:17:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

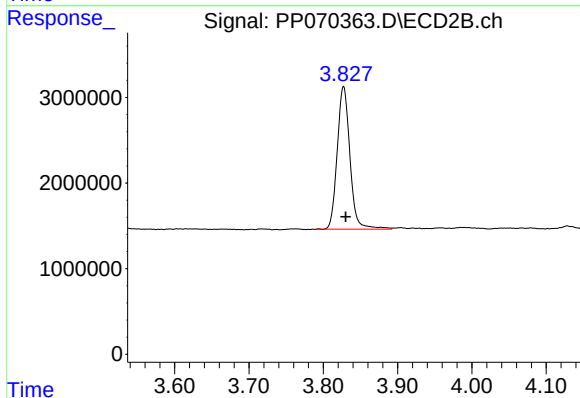




#1 Tetrachloro-m-xylene

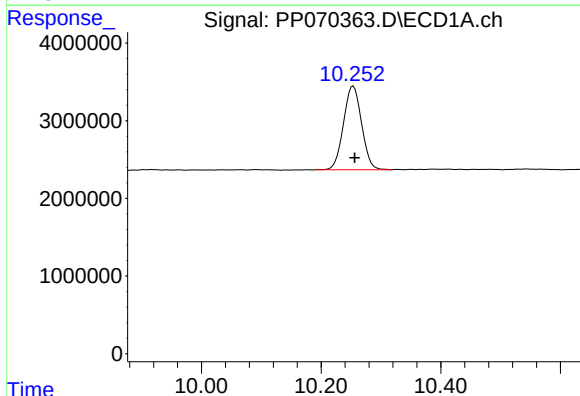
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 31376748
Conc: 21.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



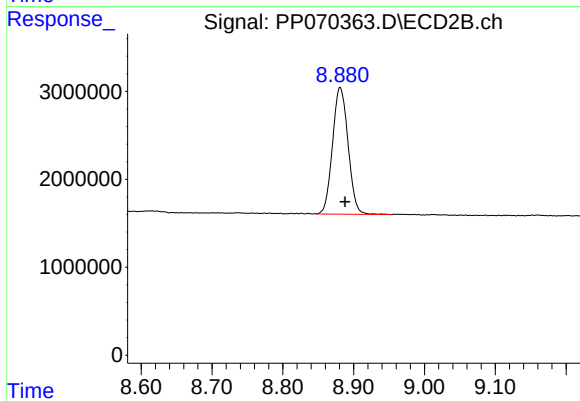
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 19862006
Conc: 20.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 22590697
Conc: 19.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.881 min
Delta R.T.: -0.007 min
Response: 21979268
Conc: 20.27 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/07/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/07/25
Client Sample ID:	PIBLK-PP070378.D	SDG No.:	Q1437
Lab Sample ID:	I.BLK-PP070378.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070378.D	1		03/07/25	PP030725

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	19.3		60 - 140	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140	95%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 21:37
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:21:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.828	30508052	18475497	20.787	19.325m
2) SA Decachlor...	10.254	8.882	21579306	21993187	18.945	20.287

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 21:37
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

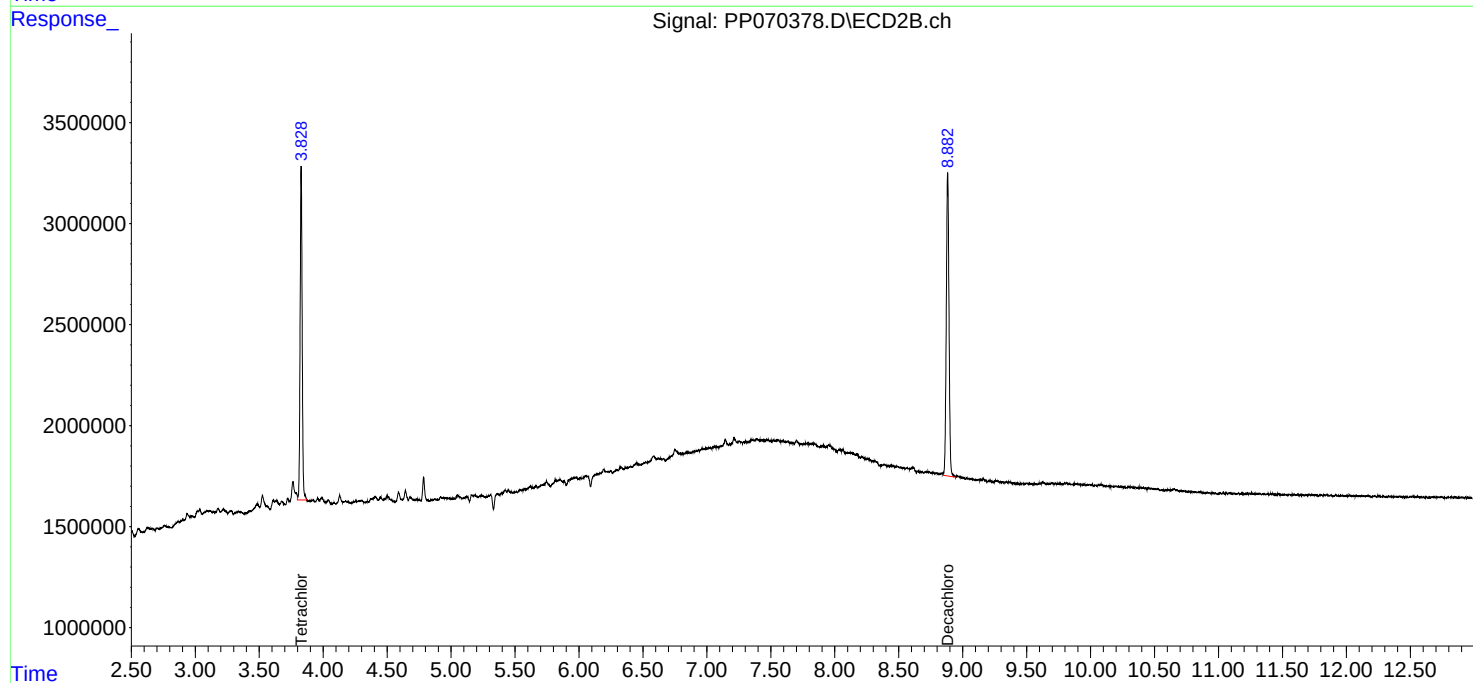
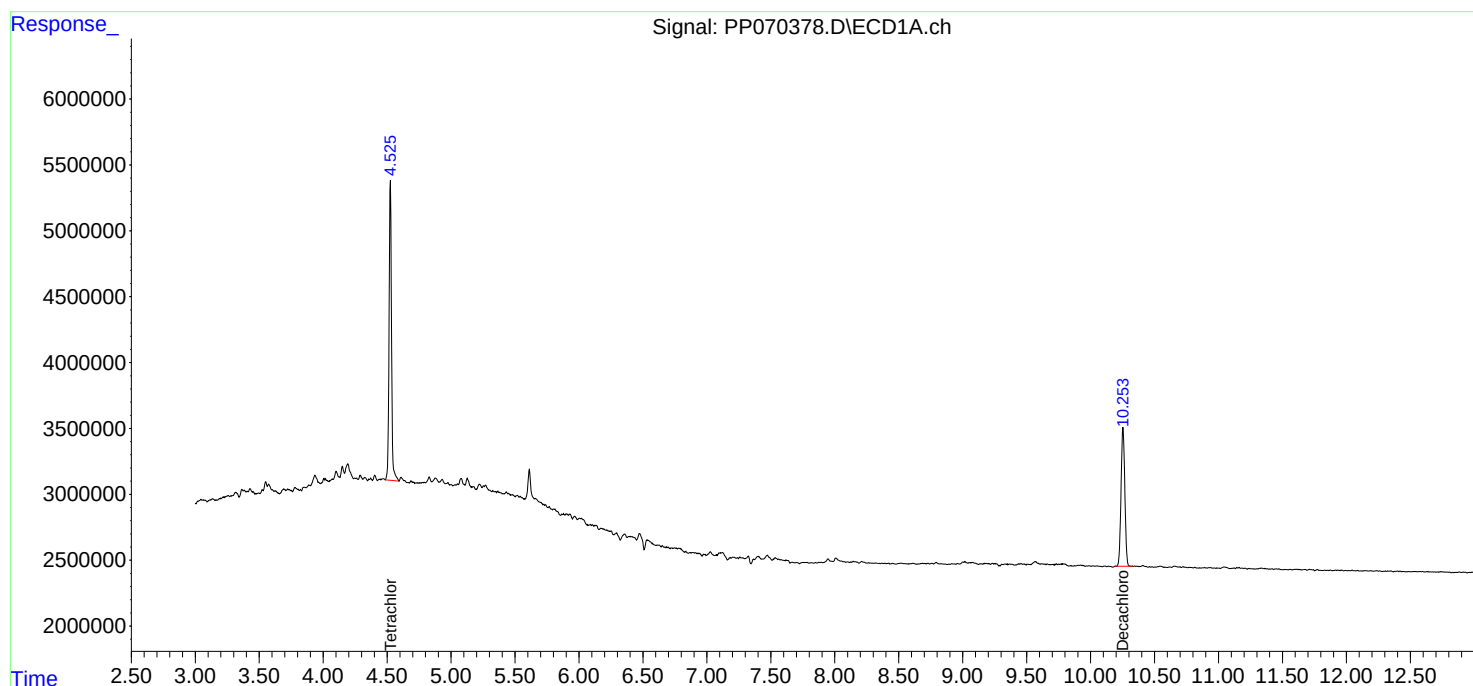
Instrument :
ECD_P
ClientSampleId :
I.BLK

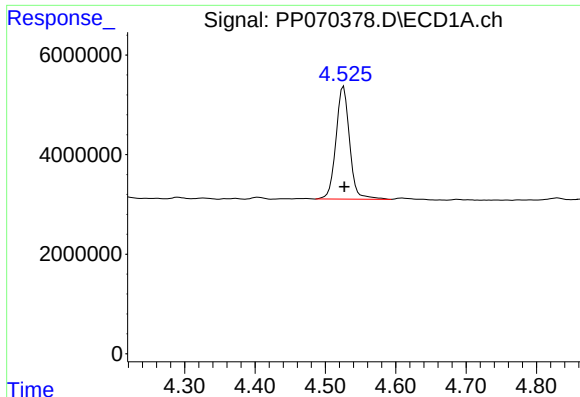
Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 03/10/2025
Supervised By : Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:21:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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





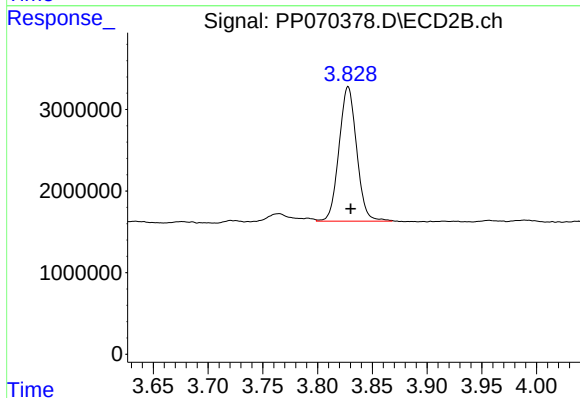
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 30508052
Conc: 20.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

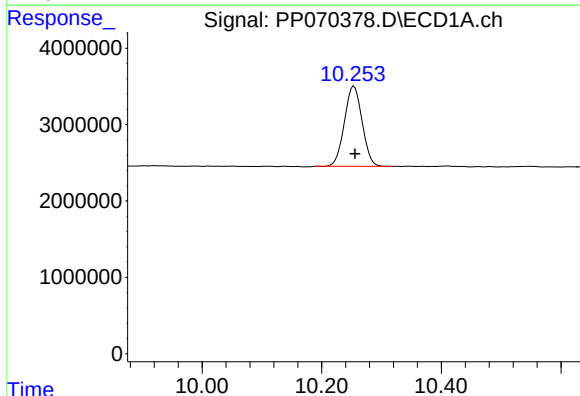
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



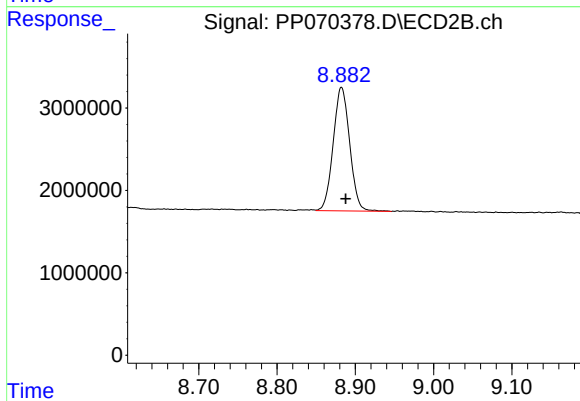
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 18475497
Conc: 19.33 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 21579306
Conc: 18.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.882 min
Delta R.T.: -0.006 min
Response: 21993187
Conc: 20.29 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB166889BS	SDG No.:	Q1437
Lab Sample ID:	PB166889BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109547.D	1	02/27/25 09:15	02/27/25 23:16	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	142		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	130		2.90	17.0	ug/kg
Total PCBs	Total PCBs	272		6.30	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		32 - 175	88%	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_O\Data\PO022725\
 Data File : PO109547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 23:16
 Operator : YP/AJ
 Sample : PB166889BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB166889BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 03:27:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.698	3.696	172.8E6	100.0E6	18.255	19.113
2) SA Decachlor...	8.757	8.707	133.0E6	55946811	15.463	17.570
Target Compounds						
3) L1 AR-1016-1	4.791	4.779	131.9E6	70613673	427.744	452.157
4) L1 AR-1016-2	4.811	4.798	179.6E6	98004065	426.601	452.813
5) L1 AR-1016-3	4.867	4.974	123.6E6	51403192	417.833	430.328
6) L1 AR-1016-4	4.988	5.015	97269369	42020493	419.662	403.769
7) L1 AR-1016-5	5.246	5.229	99162520	54484176	384.009	399.874
31) L7 AR-1260-1	6.288	6.262	168.7E6	102.5E6	361.961	432.820
32) L7 AR-1260-2	6.477	6.449	200.8E6	115.8E6	355.376	420.804
33) L7 AR-1260-3	6.845	6.602	143.4E6	99792296	301.406	391.235 #
34) L7 AR-1260-4	7.105	7.074	123.6E6	68773270	286.353	333.540
35) L7 AR-1260-5	7.347	7.315	308.2E6	167.3E6	310.114	373.636

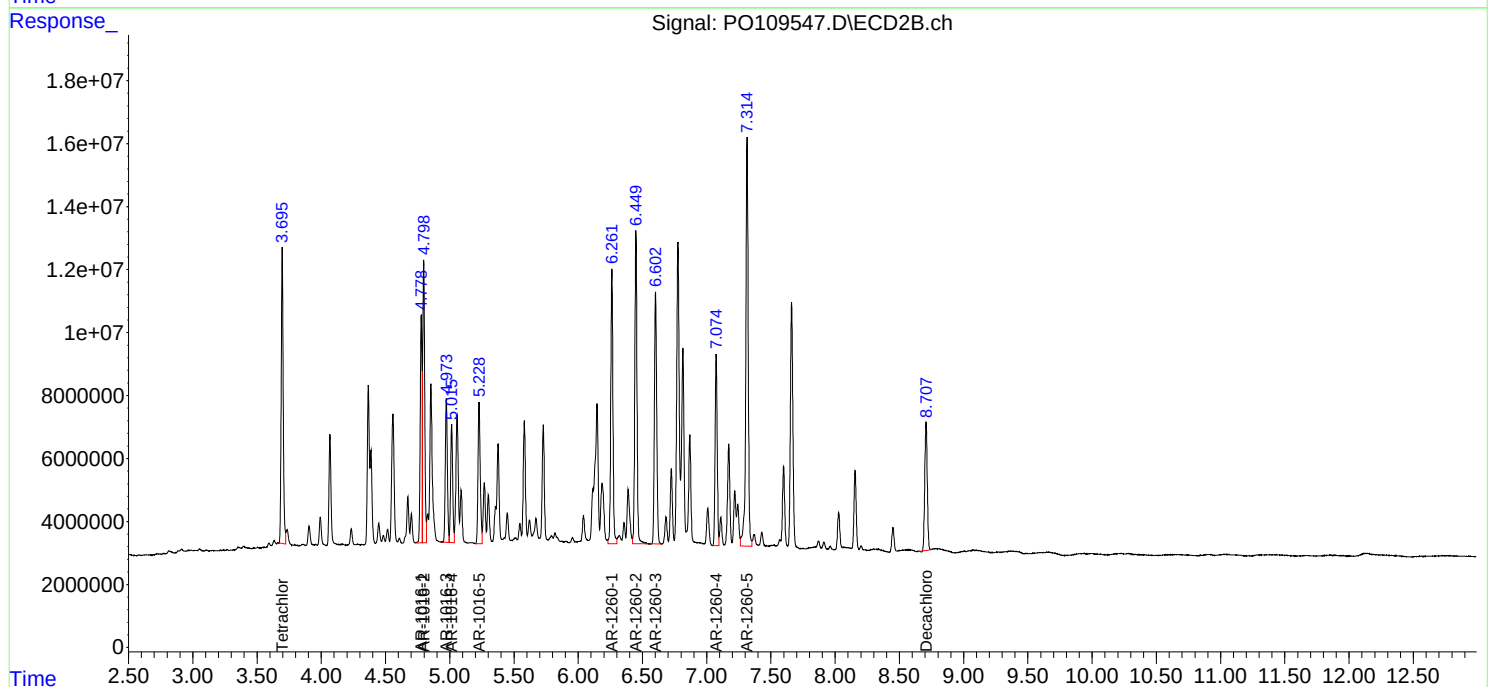
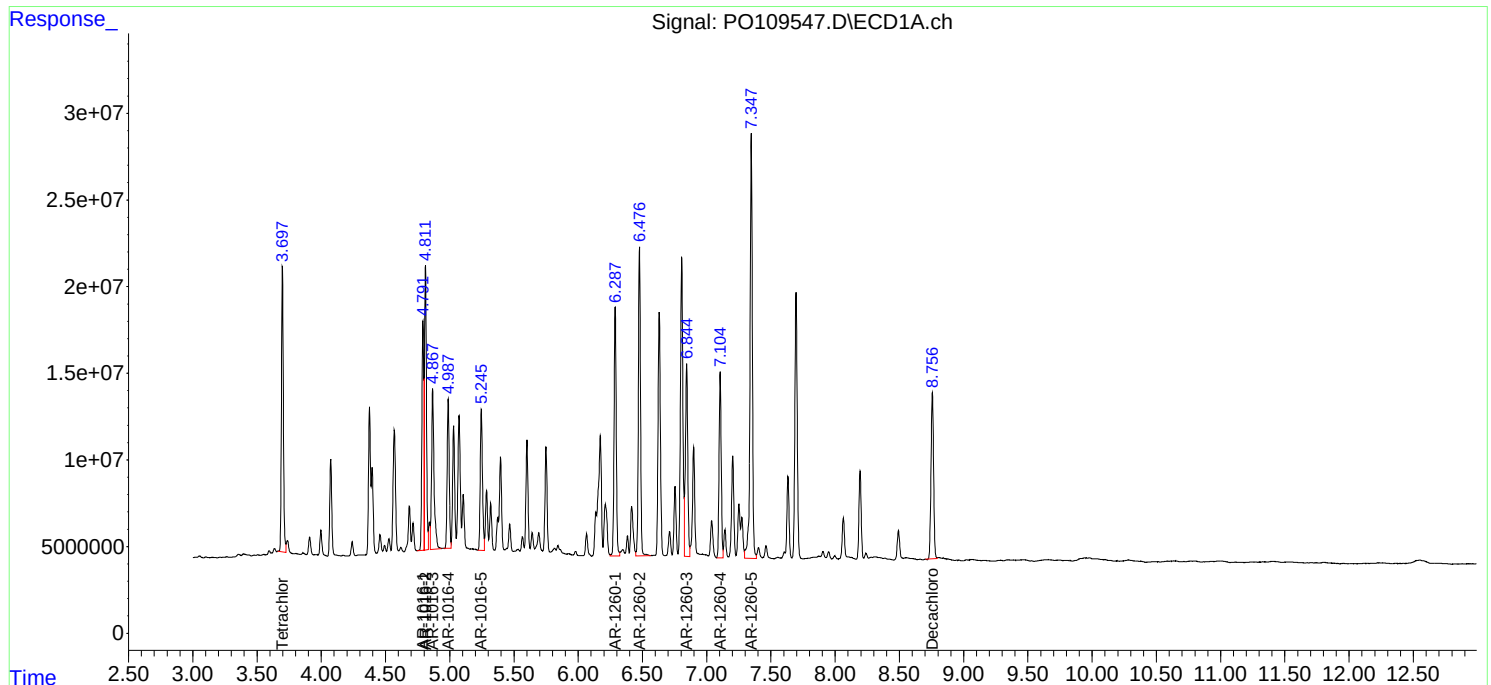
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 23:16
Operator : YP/AJ
Sample : PB166889BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB166889BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:27:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB167022BS	SDG No.:	Q1437
Lab Sample ID:	PB167022BS	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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109683.D	1	03/06/25 11:40	03/07/25 00:46	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	168		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	164		2.90	17.0	ug/kg
Total PCBs	Total PCBs	332		6.30	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.3		32 - 144	112%	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_O\Data\P0030625\
 Data File : P0109683.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 00:46
 Operator : YP/AJ
 Sample : PB167022BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB167022BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 04:44:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	205.2E6	116.8E6	21.680	22.317
2) SA Decachlor...	8.755	8.707	186.0E6	72791022	21.628	22.860
Target Compounds						
3) L1 AR-1016-1	4.791	4.778	148.5E6	79670656	481.763	510.152
4) L1 AR-1016-2	4.810	4.797	204.4E6	112.5E6	485.483	519.600
5) L1 AR-1016-3	4.866	4.973	142.1E6	61855203	480.324	517.828
6) L1 AR-1016-4	4.987	5.014	112.2E6	51056608	483.920	490.596
7) L1 AR-1016-5	5.244	5.228	118.2E6	65730121	457.665	482.410
31) L7 AR-1260-1	6.287	6.261	226.7E6	121.3E6	486.295	511.993
32) L7 AR-1260-2	6.475	6.449	276.3E6	142.1E6	488.979	516.399
33) L7 AR-1260-3	6.844	6.602	199.1E6	132.1E6	418.625	517.857
34) L7 AR-1260-4	7.105	7.074	187.2E6	92255573	433.625	447.425
35) L7 AR-1260-5	7.346	7.314	436.5E6	207.2E6	439.198	462.776

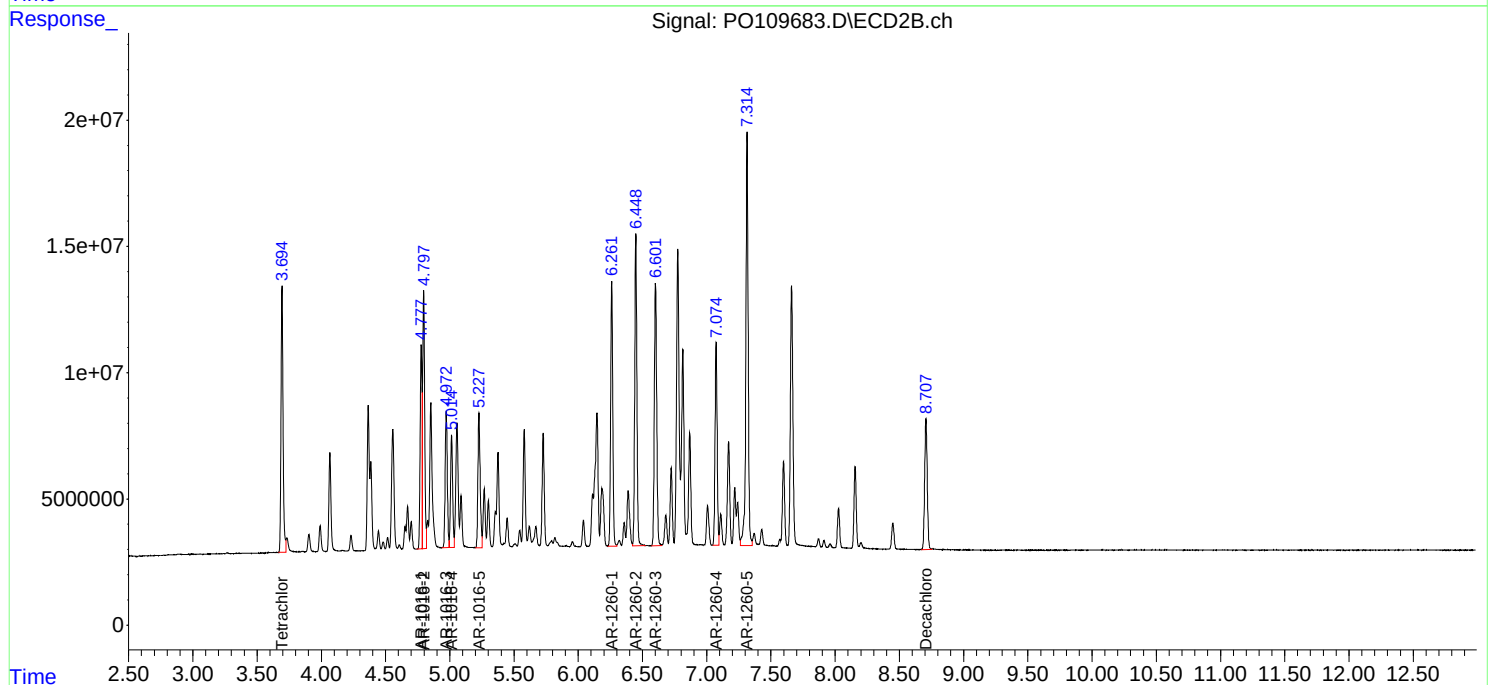
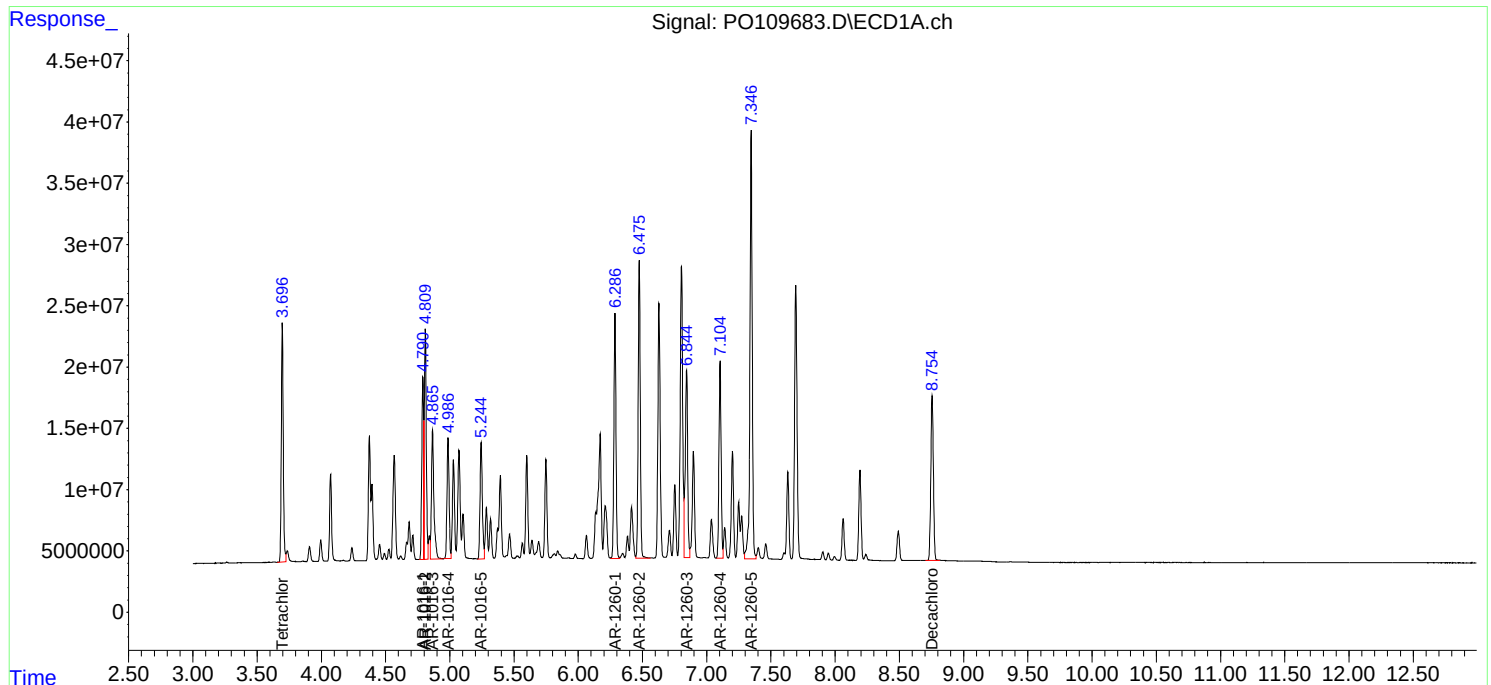
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:46
Operator : YP/AJ
Sample : PB167022BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167022BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB167029BS	SDG No.:	Q1437
Lab Sample ID:	PB167029BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070355.D	1	03/07/25 08:25	03/07/25 13:57	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		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	147		2.90	17.0	ug/kg
Total PCBs	Total PCBs	303		6.30	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.6		32 - 144	123%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		32 - 175	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\PP030725\
 Data File : PP070355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 13:57
 Operator : YP\AJ
 Sample : PB167029BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB167029BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:14:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.829	36182218	21773663	24.654	22.775
2) SA Decachlor...	10.253	8.883	25252885	23941555	22.170	22.084
Target Compounds						
3) L1 AR-1016-1	5.677	4.918	21959249	15486927	440.717	463.700
4) L1 AR-1016-2	5.699	4.937	32489601	21680932	459.036	465.314
5) L1 AR-1016-3	5.761	5.114	19239866	12042752	438.042	481.086
6) L1 AR-1016-4	5.859	5.155	15718682	9329680	433.483	464.841
7) L1 AR-1016-5	6.152	5.371	15129758	12082537	451.115	465.670
31) L7 AR-1260-1	7.271	6.408	27249252	22440005	466.917	452.974
32) L7 AR-1260-2	7.525	6.596	36701301	30096714	449.081	460.053
33) L7 AR-1260-3	7.883	6.750	24987075	26316379	398.130	436.265
34) L7 AR-1260-4	8.108	7.222	27691166	20482582	436.762	419.146
35) L7 AR-1260-5	8.429	7.463	54546407	53149034	415.799	445.975

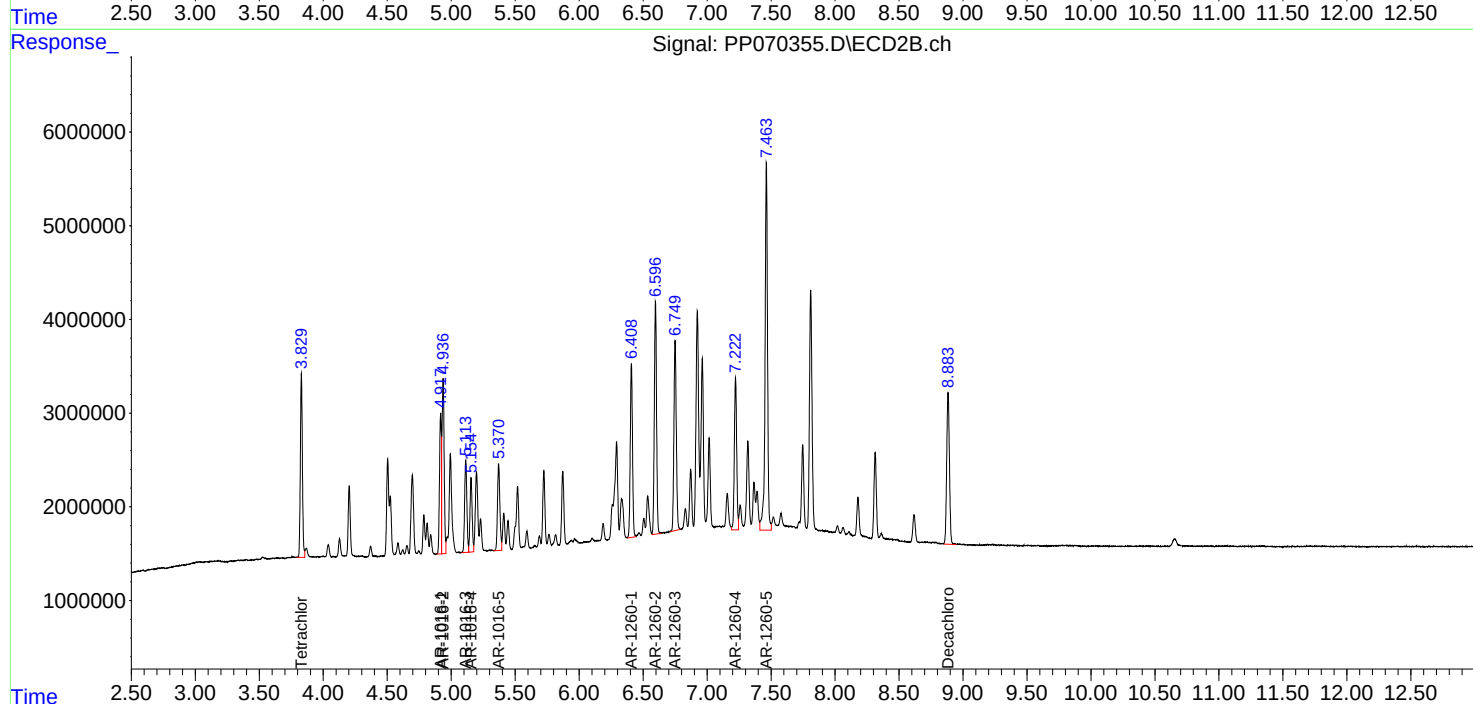
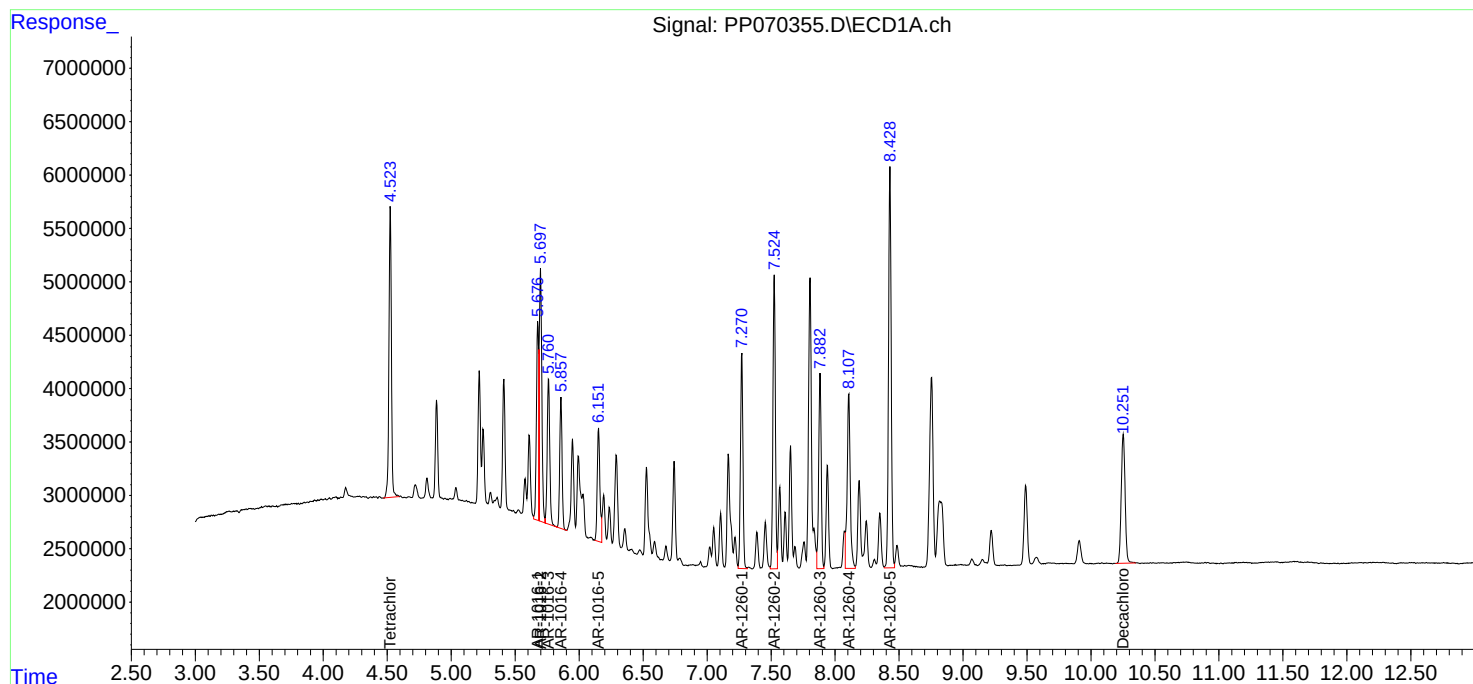
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:57
Operator : YP\AJ
Sample : PB167029BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167029BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:14:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-4CMS	SDG No.:	Q1437
Lab Sample ID:	Q1434-02MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	72.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109688.D	1	03/06/25 11:40	03/07/25 02:18	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	257		4.70	23.5	ug/kg
11104-28-2	Aroclor-1221	8.90	U	8.90	23.5	ug/kg
11141-16-5	Aroclor-1232	4.70	U	4.70	23.5	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	23.5	ug/kg
12672-29-6	Aroclor-1248	10.9	U	10.9	23.5	ug/kg
11097-69-1	Aroclor-1254	1700	E	3.80	23.5	ug/kg
37324-23-5	Aroclor-1262	6.30	U	6.30	23.5	ug/kg
11100-14-4	Aroclor-1268	131		4.70	23.5	ug/kg
11096-82-5	Aroclor-1260	711	EP	4.00	23.5	ug/kg
Total PCBs	Total PCBs	2800		17.2	23.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	26.0		32 - 175	130%	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_O\Data\P0030625\
 Data File : P0109688.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 02:18
 Operator : YP/AJ
 Sample : Q1434-02MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

K084-4CMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/07/2025

Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 06:58:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	202.9E6	114.2E6	21.440m	21.826
2) SA Decachlor...	8.754	8.705	198.5E6	82660848	23.073	25.959
Target Compounds						
3) L1 AR-1016-1	4.791	4.777	151.2E6	84314564	490.569	539.888
4) L1 AR-1016-2	4.810	4.796	201.0E6	115.5E6	477.293	533.685
5) L1 AR-1016-3	4.867	4.972	140.0E6	59880247	473.119	501.295
6) L1 AR-1016-4	4.987	5.014	104.8E6	73604838	452.330	707.259 #
7) L1 AR-1016-5	5.245	5.227	117.0E6	69094234	452.967	507.101
26) L6 AR-1254-1	5.601	5.579	470.4E6	269.1E6	912.266	1029.017
27) L6 AR-1254-2	5.749	5.727	789.6E6	446.3E6	1753.278	1902.849
28) L6 AR-1254-3	6.155	6.130	1743.6E6	973.3E6	2435.340	2728.679
29) L6 AR-1254-4	6.385	6.357	723.0E6	386.2E6	1726.322	2000.016
30) L6 AR-1254-5	6.805	6.774	5762.4E6	3104.4E6	9236.117	10462.107
31) L7 AR-1260-1	6.287	6.260	963.9E6	531.2E6	2067.827	2241.994
32) L7 AR-1260-2	6.477	6.448	1031.8E6	545.7E6	1825.777	1982.989
33) L7 AR-1260-3	6.877	6.600	96086086	496.1E6	202.005	1944.848 #
34) L7 AR-1260-4	7.105	7.074	344.5E6	175.7E6	798.265	852.099
35) L7 AR-1260-5	7.347	7.314	629.6E6	312.3E6	633.449	697.423
41) L9 AR-1268-1	7.632	7.599	240.5E6	108.0E6	181.586	188.952
42) L9 AR-1268-2	7.695	7.660	660.6E6	306.3E6	546.319	583.505
43) L9 AR-1268-3	7.906	7.870	103.2E6	48352651	101.322	112.962
44) L9 AR-1268-4	8.193	8.155	149.9E6	66842519	352.749	414.309
45) L9 AR-1268-5	8.492	8.448	311.7E6	130.6E6	103.212	119.495

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 02:18
Operator : YP/AJ
Sample : Q1434-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

K084-4CMS

Manual Integrations

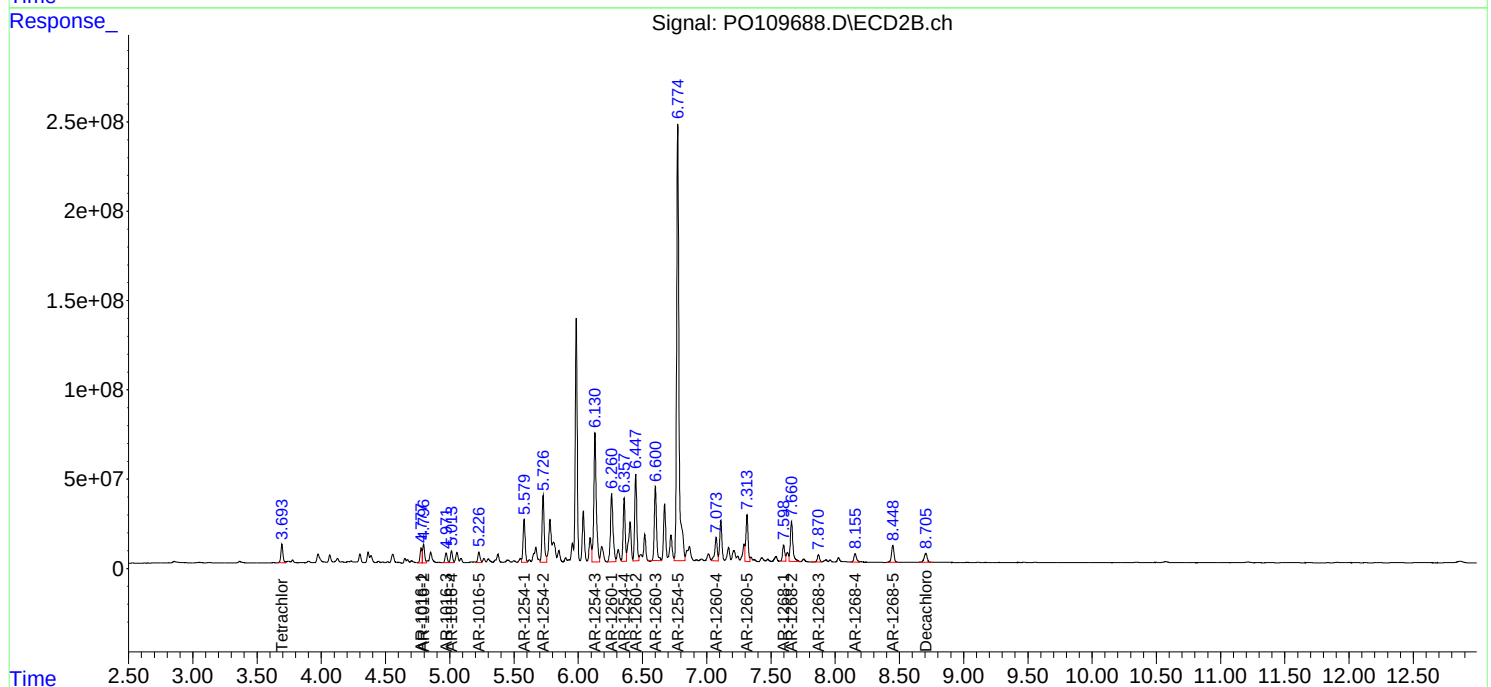
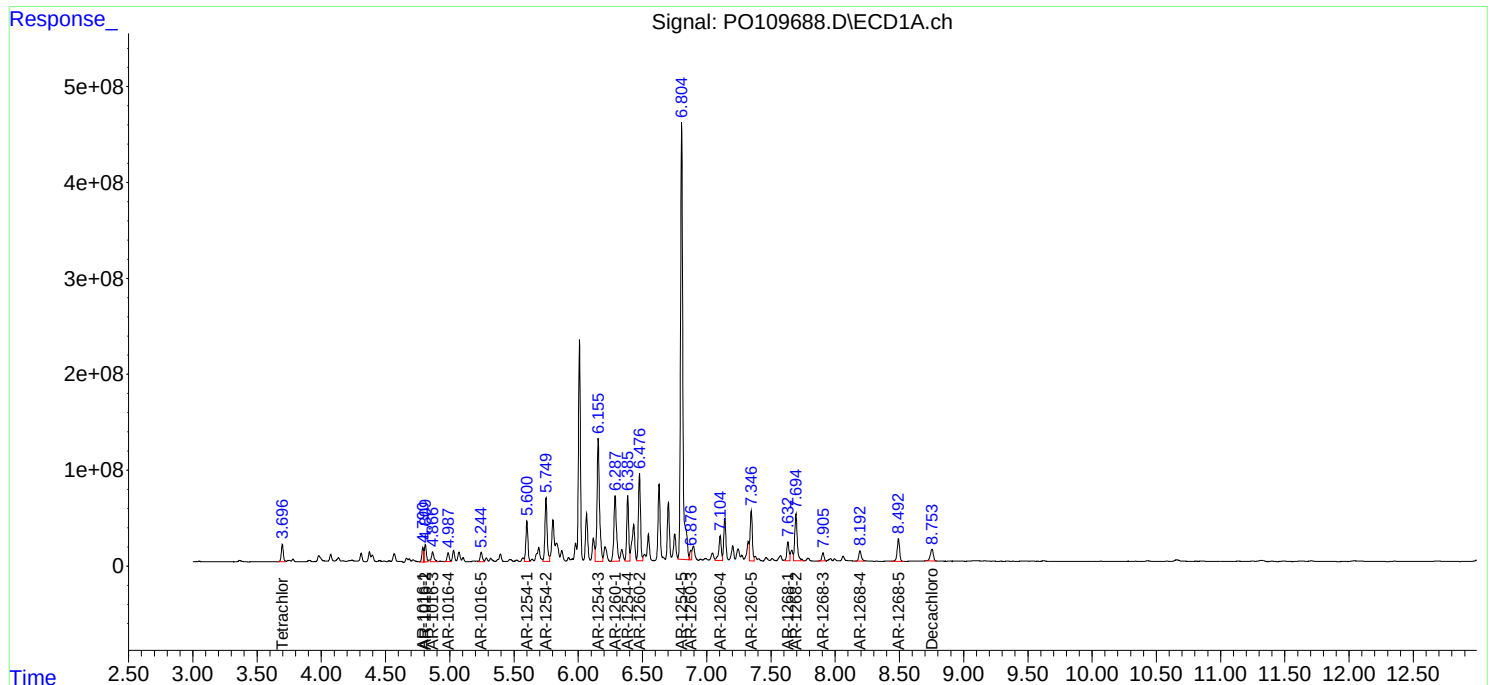
APPROVED

Reviewed By :Yogesh Patel 03/07/2025

Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:58:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-5AMS	SDG No.:	Q1437
Lab Sample ID:	Q1434-03MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109562.D	1	02/27/25 09:15	02/28/25 04:16	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	328	P	3.70	18.4	ug/kg
11104-28-2	Aroclor-1221	6.90	U	6.90	18.4	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.4	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.4	ug/kg
12672-29-6	Aroclor-1248	8.50	U	8.50	18.4	ug/kg
11097-69-1	Aroclor-1254	2400	E	3.00	18.4	ug/kg
37324-23-5	Aroclor-1262	4.90	U	4.90	18.4	ug/kg
11100-14-4	Aroclor-1268	122		3.70	18.4	ug/kg
11096-82-5	Aroclor-1260	1000	EP	3.10	18.4	ug/kg
Total PCBs	Total PCBs	3900	E	13.5	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.0		32 - 144	125%	SPK: 20
2051-24-3	Decachlorobiphenyl	41.0	*	32 - 175	205%	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_O\Data\P0022725\
 Data File : P0109562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 04:16
 Operator : YP/AJ
 Sample : Q1434-03MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K084-5AMS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:31:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	223.0E6	130.6E6	23.560	24.956
2) SA Decachlor...	8.755	8.707	302.7E6	130.7E6	35.184	41.032
Target Compounds						
3) L1 AR-1016-1	4.791	4.778	173.9E6	99235796	564.045	635.432
4) L1 AR-1016-2	4.810	4.797	220.2E6	129.3E6	522.944	597.228
5) L1 AR-1016-3	4.866	4.973	160.9E6	69736480	544.062	583.807
6) L1 AR-1016-4	4.987	5.015	120.2E6	178.5E6	518.430	1715.662 #
7) L1 AR-1016-5	5.244	5.228	230.3E6	138.3E6	891.901	1014.998
26) L6 AR-1254-1	5.600	5.580	1281.1E6	743.2E6	2484.716	2841.658
27) L6 AR-1254-2	5.750	5.728	1668.6E6	961.9E6	3704.918	4100.816
28) L6 AR-1254-3	6.156	6.131	3556.5E6	2033.4E6	4967.518	5700.487
29) L6 AR-1254-4	6.385	6.359	2341.9E6	1257.1E6	5592.050	6509.051
30) L6 AR-1254-5	6.805	6.776	8003.7E6	4357.1E6	12828.466	14683.689
31) L7 AR-1260-1	6.287	6.262	1862.6E6	1042.8E6	3995.844	4401.435
32) L7 AR-1260-2	6.476	6.449	1951.2E6	1026.2E6	3452.792	3729.472
33) L7 AR-1260-3	6.877	6.602	248.6E6	935.8E6	522.594	3668.759 #
34) L7 AR-1260-4	7.105	7.074	437.5E6	227.4E6	1013.777	1102.718
35) L7 AR-1260-5	7.347	7.315	830.4E6	437.8E6	835.480	977.749
41) L9 AR-1268-1	7.633	7.599	260.2E6	125.1E6	196.482	218.884
42) L9 AR-1268-2	7.694	7.661	830.2E6	400.2E6	686.585	762.448
43) L9 AR-1268-3	7.906	7.871	111.5E6	50660105	109.496	118.353
44) L9 AR-1268-4	8.194	8.156	159.1E6	71933958	374.472	445.867
45) L9 AR-1268-5	8.493	8.450	341.2E6	159.6E6	112.980	146.007 #

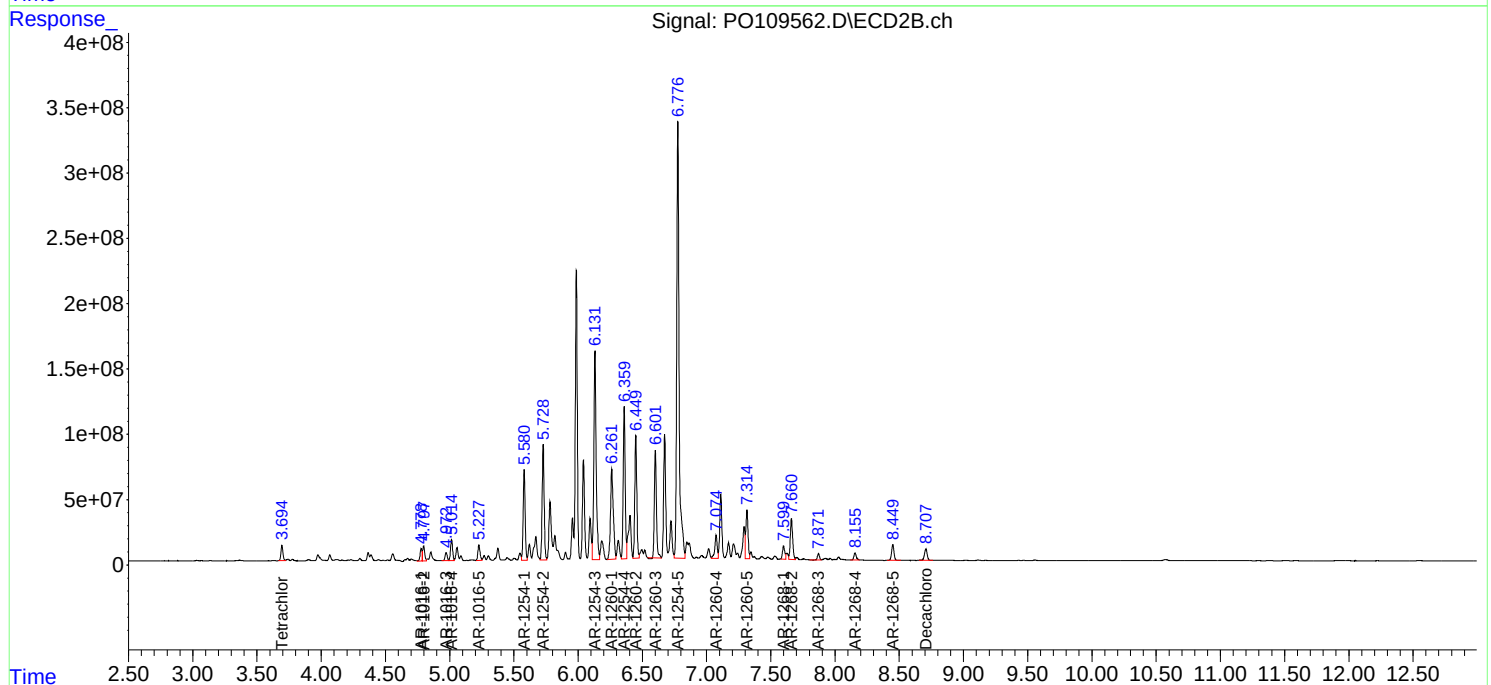
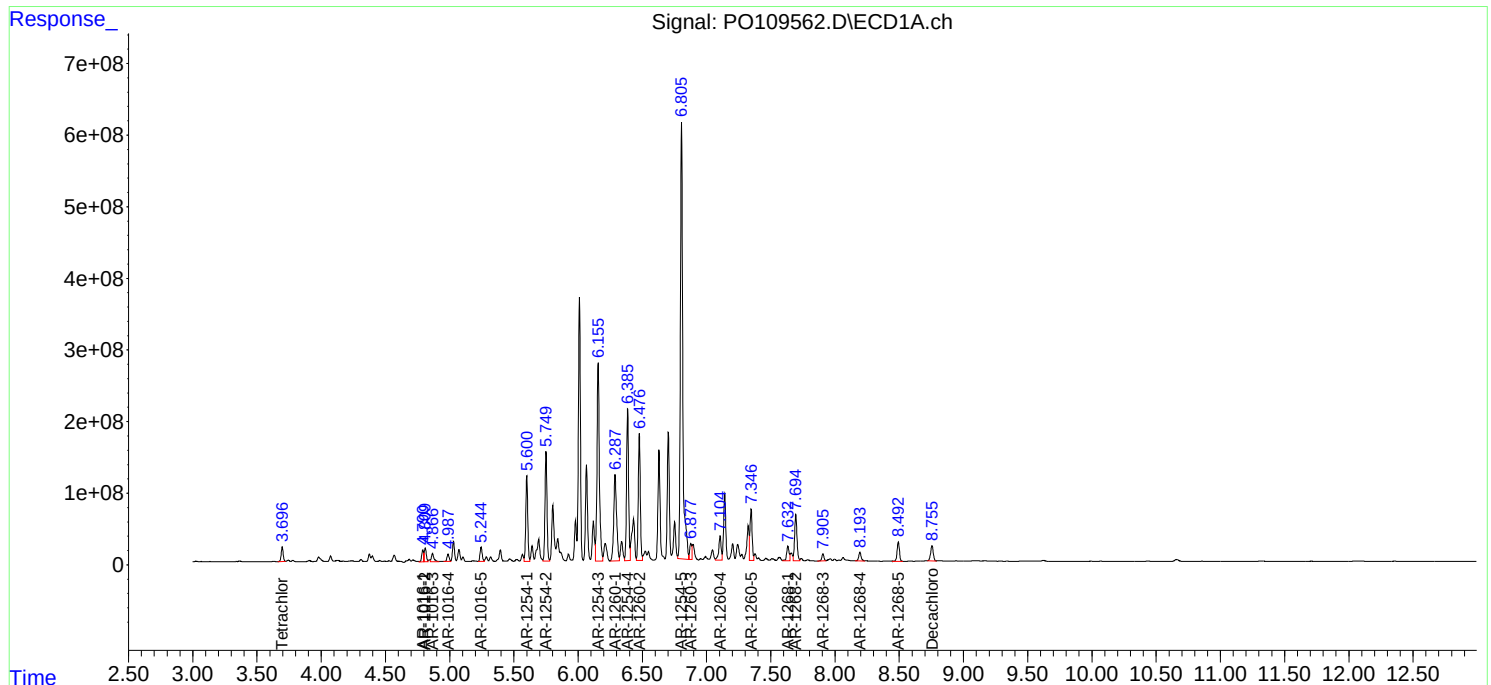
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:16
Operator : YP/AJ
Sample : Q1434-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-5AMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:31:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/06/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/06/25
Client Sample ID:	RBR251372MS	SDG No.:	Q1437
Lab Sample ID:	Q1508-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	71
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070368.D	1	03/07/25 08:25	03/07/25 18:11	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	152		4.80	23.9	ug/kg
11104-28-2	Aroclor-1221	9.00	U	9.00	23.9	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	23.9	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	23.9	ug/kg
12672-29-6	Aroclor-1248	11.1	U	11.1	23.9	ug/kg
11097-69-1	Aroclor-1254	159		3.80	23.9	ug/kg
37324-23-5	Aroclor-1262	6.40	U	6.40	23.9	ug/kg
11100-14-4	Aroclor-1268	4.80	U	4.80	23.9	ug/kg
11096-82-5	Aroclor-1260	190		4.10	23.9	ug/kg
Total PCBs	Total PCBs	501		12.7	23.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.3		32 - 144	67%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.7		32 - 175	74%	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\PP030725\
 Data File : PP070368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 18:11
 Operator : YP\AJ
 Sample : Q1508-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 RBR251372MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:18:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.523	3.829	19529899	11671207	13.307	12.208
2) SA Decachlor...	10.252	8.883	15858370	15958808	13.923	14.721
Target Compounds						
3) L1 AR-1016-1	5.678	4.919	10555236	7712300	211.841	230.917m
4) L1 AR-1016-2	5.700	4.938	17871750	13514048	252.504	290.037m
5) L1 AR-1016-3	5.761	5.115	13989020	6088401	318.494	243.221m
6) L1 AR-1016-4	5.858	5.158	10977191	8894079	302.724m	443.138 #
7) L1 AR-1016-5	6.152	5.372	7269313	10805752	216.745	416.462 #
26) L6 AR-1254-1	6.527	5.726	18601724	16185384	328.071m	296.602
27) L6 AR-1254-2	6.744	5.875	23637368	13814394	269.570	283.398
28) L6 AR-1254-3	7.107	6.279	21772239	16215625	244.285	213.880m
29) L6 AR-1254-4	7.390	6.507	18639860	9901648	250.162	192.414m
30) L6 AR-1254-5	7.804	6.925	40787861	28451785	607.303m	421.076 #
31) L7 AR-1260-1	7.272	6.410	22732893	16451603	389.529	332.092
32) L7 AR-1260-2	7.525	6.598	33541162	20745712	410.414	317.115
33) L7 AR-1260-3	7.883	6.750	23852174	18189120	380.047	301.533
34) L7 AR-1260-4	8.106	7.223	31706395	15011123	500.093	307.181 #
35) L7 AR-1260-5	8.428	7.463	45371248	37672248	345.858	316.109

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 18:11
Operator : YP\AJ
Sample : Q1508-01MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

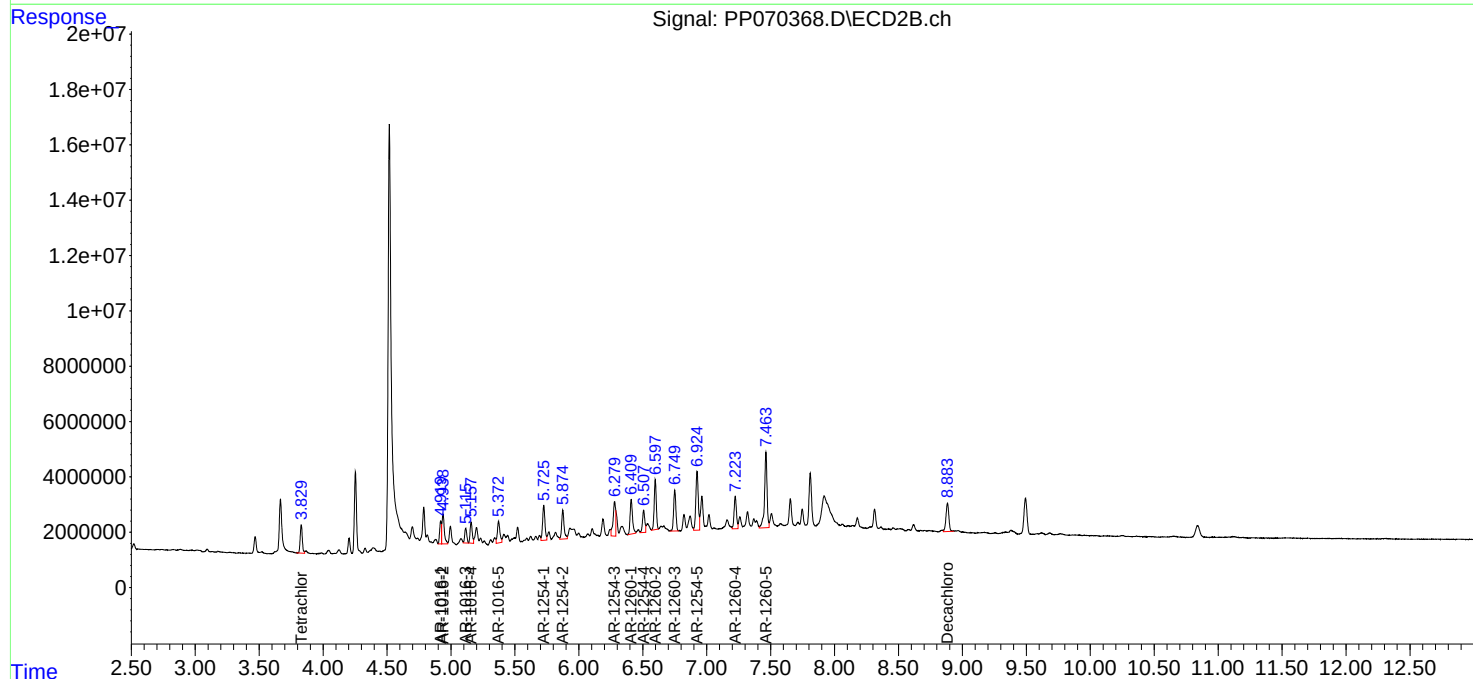
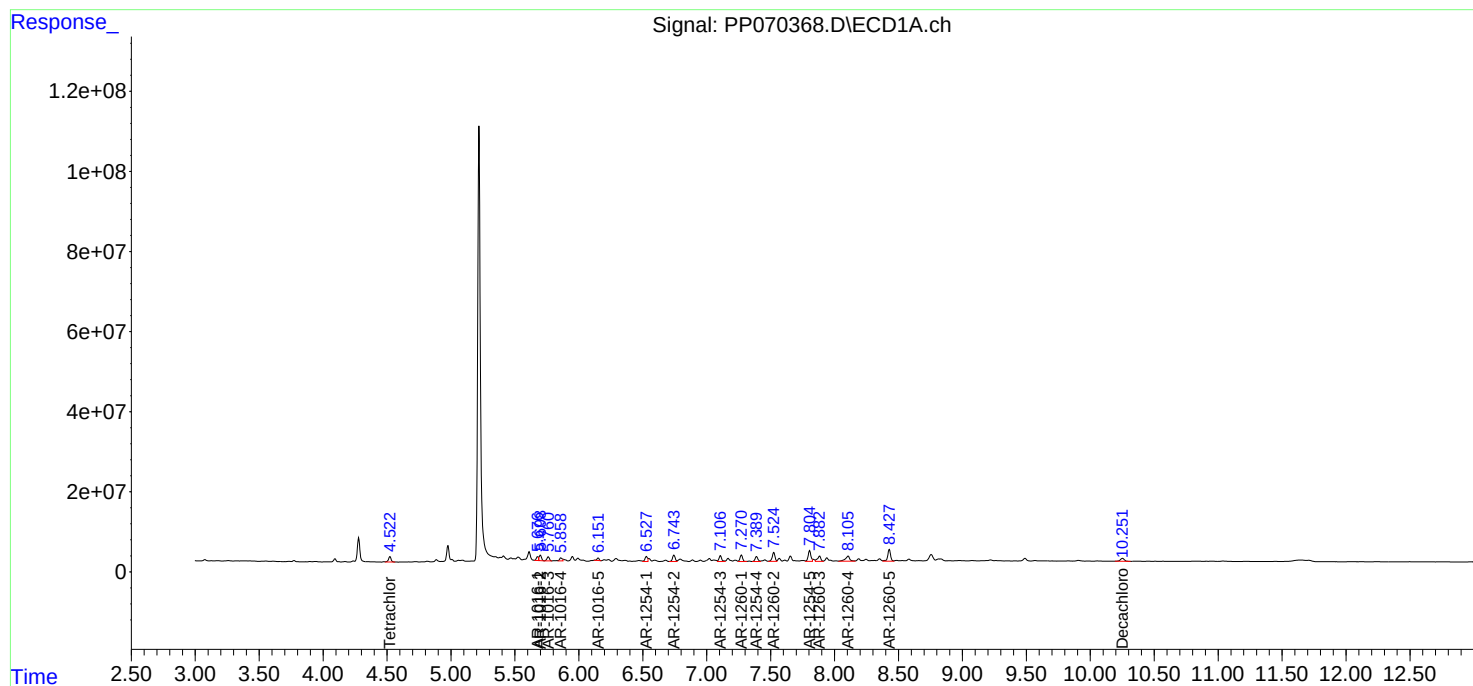
Instrument :
ECD_P
ClientSampleId :
RBR251372MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:18:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-4CMSD	SDG No.:	Q1437
Lab Sample ID:	Q1434-02MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	72.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109689.D	1	03/06/25 11:40	03/07/25 02:37	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	244		4.70	23.5	ug/kg
11104-28-2	Aroclor-1221	8.90	U	8.90	23.5	ug/kg
11141-16-5	Aroclor-1232	4.70	U	4.70	23.5	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	23.5	ug/kg
12672-29-6	Aroclor-1248	10.9	U	10.9	23.5	ug/kg
11097-69-1	Aroclor-1254	1900	E	3.80	23.5	ug/kg
37324-23-5	Aroclor-1262	6.30	U	6.30	23.5	ug/kg
11100-14-4	Aroclor-1268	150		4.70	23.5	ug/kg
11096-82-5	Aroclor-1260	801	EP	4.00	23.5	ug/kg
Total PCBs	Total PCBs	3100		17.2	23.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	27.6		32 - 175	138%	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_O\Data\P0030625\
 Data File : P0109689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 02:37
 Operator : YP/AJ
 Sample : Q1434-02MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

K084-4CMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/07/2025

Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 10:32:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	183.9E6	105.7E6	19.434m	20.198m
2) SA Decachlor...	8.753	8.704	213.5E6	87938732	24.814	27.617
Target Compounds						
3) L1 AR-1016-1	4.790	4.778	141.1E6	79179584	457.563	507.007
4) L1 AR-1016-2	4.810	4.797	189.8E6	108.8E6	450.872	502.673
5) L1 AR-1016-3	4.866	4.973	128.4E6	53552590	433.980	448.322
6) L1 AR-1016-4	4.987	5.014	93794446	73705972	404.670	708.231 #
7) L1 AR-1016-5	5.244	5.227	111.8E6	65838636	433.138	483.207
26) L6 AR-1254-1	5.600	5.580	518.9E6	296.2E6	1006.465	1132.566
27) L6 AR-1254-2	5.749	5.727	821.0E6	462.6E6	1822.876	1972.104
28) L6 AR-1254-3	6.155	6.130	1971.3E6	1101.0E6	2753.377	3086.585
29) L6 AR-1254-4	6.384	6.358	851.9E6	452.3E6	2034.094	2341.953
30) L6 AR-1254-5	6.804	6.775	6662.2E6	3609.2E6	10678.343	12163.209
31) L7 AR-1260-1	6.287	6.261	1063.2E6	588.1E6	2280.881	2482.452
32) L7 AR-1260-2	6.476	6.449	1232.0E6	656.2E6	2180.063	2384.786
33) L7 AR-1260-3	6.876	6.601	112.5E6	563.1E6	236.465	2207.711 #
34) L7 AR-1260-4	7.104	7.073	364.7E6	185.8E6	845.085	901.272
35) L7 AR-1260-5	7.346	7.314	651.3E6	322.7E6	655.356	720.736
41) L9 AR-1268-1	7.632	7.599	294.9E6	132.6E6	222.695	232.100
42) L9 AR-1268-2	7.695	7.661	779.0E6	360.7E6	644.309	687.151
43) L9 AR-1268-3	7.906	7.870	121.6E6	56370979	119.458	131.694
44) L9 AR-1268-4	8.194	8.155	159.5E6	70533470	375.526	437.186
45) L9 AR-1268-5	8.492	8.449	374.1E6	156.3E6	123.903	142.973

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 02:37
Operator : YP/AJ
Sample : Q1434-02MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

K084-4CMSD

Manual Integrations

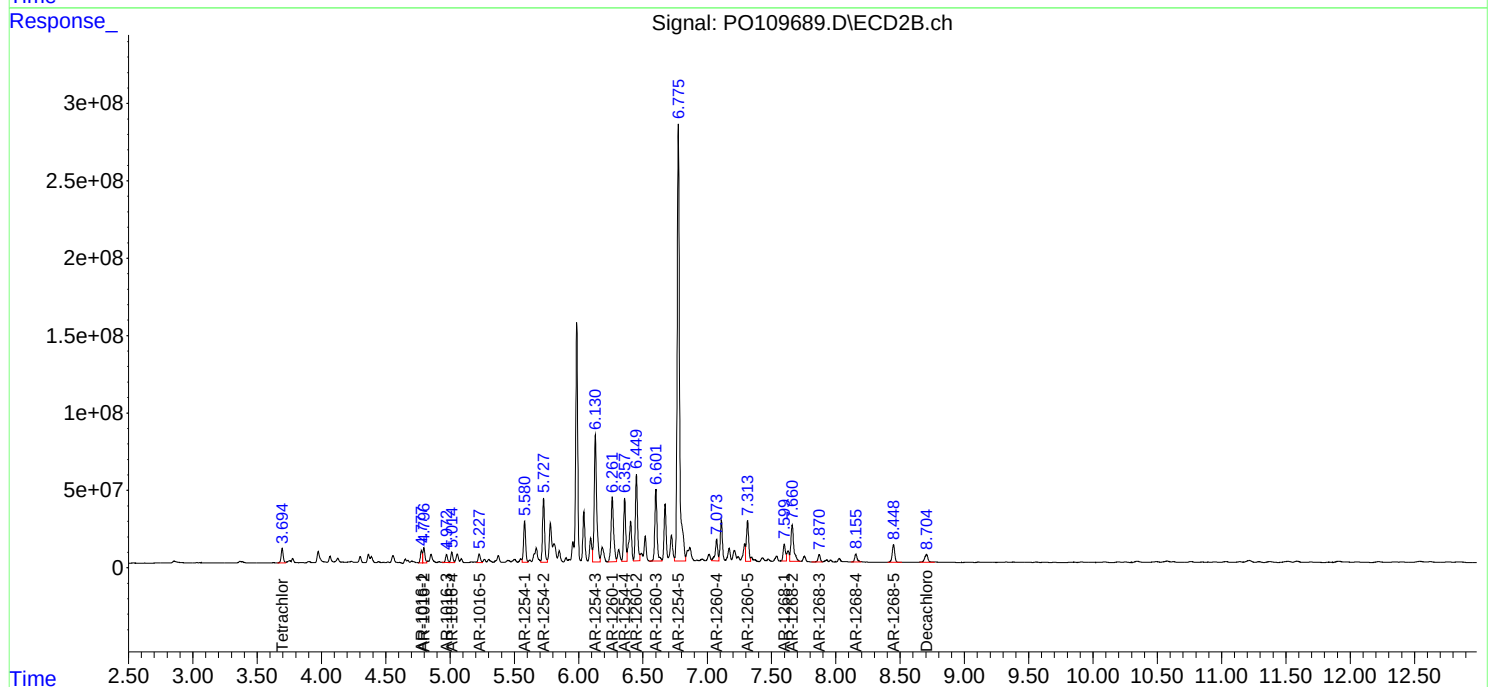
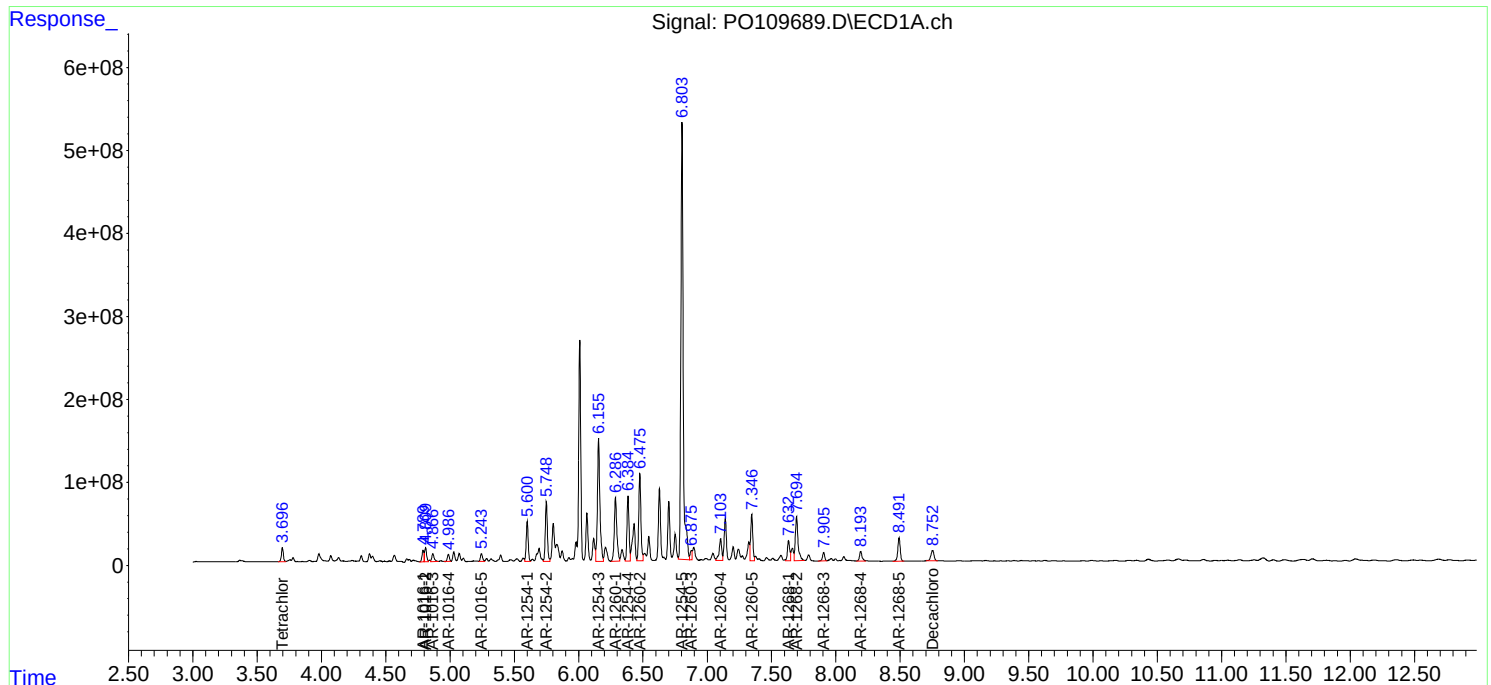
APPROVED

Reviewed By :Yogesh Patel 03/07/2025

Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 10:32:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/25/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	K084-5AMSD	SDG No.:	Q1437
Lab Sample ID:	Q1434-03MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109563.D	1	02/27/25 09:15	02/28/25 04:34	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	328	P	3.70	18.4	ug/kg
11104-28-2	Aroclor-1221	6.90	U	6.90	18.4	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.4	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.4	ug/kg
12672-29-6	Aroclor-1248	8.50	U	8.50	18.4	ug/kg
11097-69-1	Aroclor-1254	2500	E	3.00	18.4	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.4	ug/kg
11100-14-4	Aroclor-1268	123		3.70	18.4	ug/kg
11096-82-5	Aroclor-1260	1000	EP	3.20	18.4	ug/kg
Total PCBs	Total PCBs	3900	E	13.6	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.9		32 - 144	125%	SPK: 20
2051-24-3	Decachlorobiphenyl	41.8	*	32 - 175	209%	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_O\Data\P0022725\
 Data File : P0109563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 04:34
 Operator : YP/AJ
 Sample : Q1434-03MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K084-5AMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:32:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	222.7E6	130.4E6	23.528	24.921
2) SA Decachlor...	8.756	8.708	309.3E6	133.0E6	35.959	41.760
Target Compounds						
3) L1 AR-1016-1	4.791	4.778	172.1E6	98937545	558.213	633.522
4) L1 AR-1016-2	4.811	4.797	219.6E6	128.8E6	521.624	594.946
5) L1 AR-1016-3	4.866	4.973	160.5E6	70106484	542.716	586.905
6) L1 AR-1016-4	4.988	5.015	119.6E6	179.2E6	516.162	1721.929 #
7) L1 AR-1016-5	5.245	5.228	230.5E6	137.7E6	892.619	1010.474
26) L6 AR-1254-1	5.601	5.580	1284.2E6	747.7E6	2490.652	2859.042
27) L6 AR-1254-2	5.750	5.728	1664.4E6	969.5E6	3695.651	4133.033
28) L6 AR-1254-3	6.156	6.131	3539.8E6	2047.0E6	4944.101	5738.687
29) L6 AR-1254-4	6.385	6.358	2304.6E6	1265.4E6	5502.965	6552.332
30) L6 AR-1254-5	6.806	6.776	8010.6E6	4388.5E6	12839.504	14789.301
31) L7 AR-1260-1	6.288	6.261	1848.0E6	1046.7E6	3964.588	4418.032
32) L7 AR-1260-2	6.476	6.449	1929.5E6	1041.6E6	3414.335	3785.211
33) L7 AR-1260-3	6.877	6.602	251.3E6	944.2E6	528.331	3701.889 #
34) L7 AR-1260-4	7.105	7.074	441.0E6	228.2E6	1021.745	1106.925
35) L7 AR-1260-5	7.347	7.314	833.6E6	440.5E6	838.692	983.626
41) L9 AR-1268-1	7.633	7.599	254.0E6	124.0E6	191.822	216.980
42) L9 AR-1268-2	7.695	7.661	820.2E6	399.3E6	678.312	760.739
43) L9 AR-1268-3	7.907	7.871	111.7E6	54564306	109.717	127.474
44) L9 AR-1268-4	8.193	8.156	158.4E6	72137557	372.944	447.129
45) L9 AR-1268-5	8.493	8.450	363.9E6	159.1E6	120.508	145.539

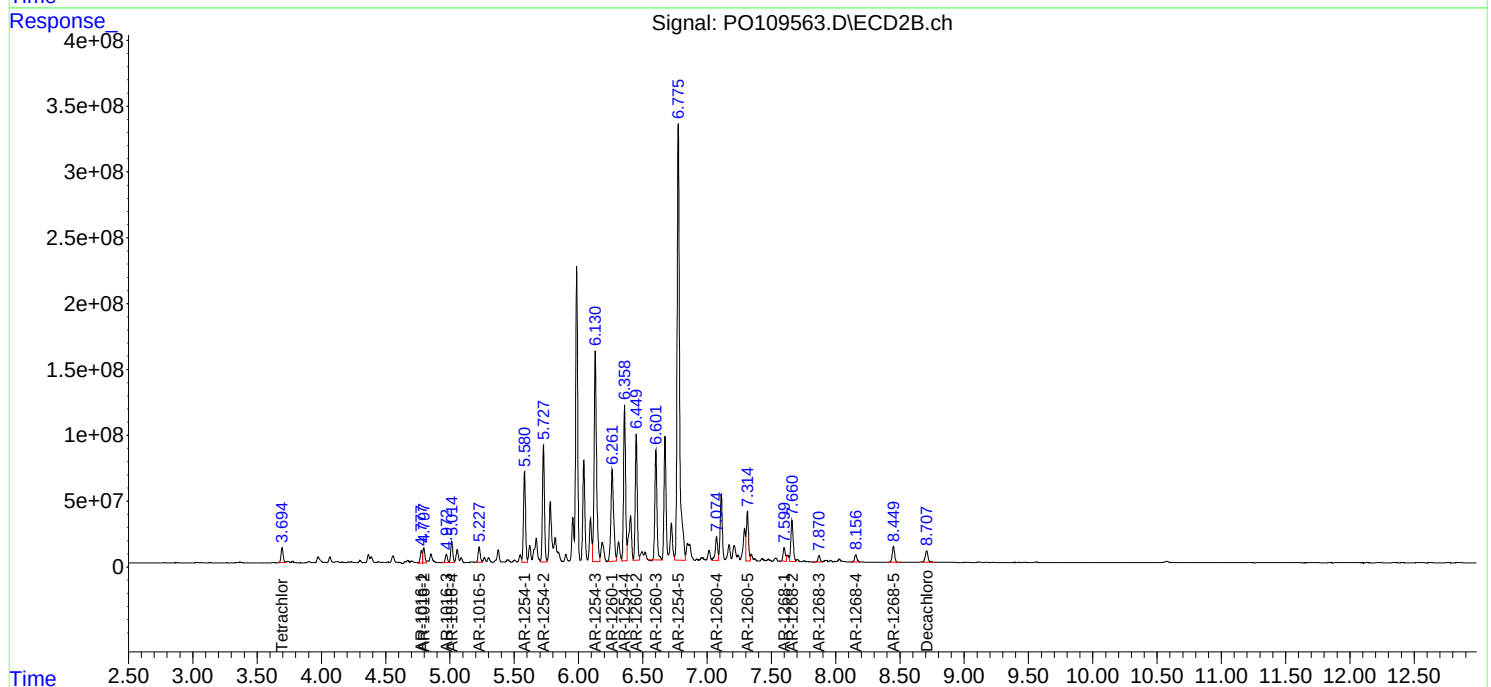
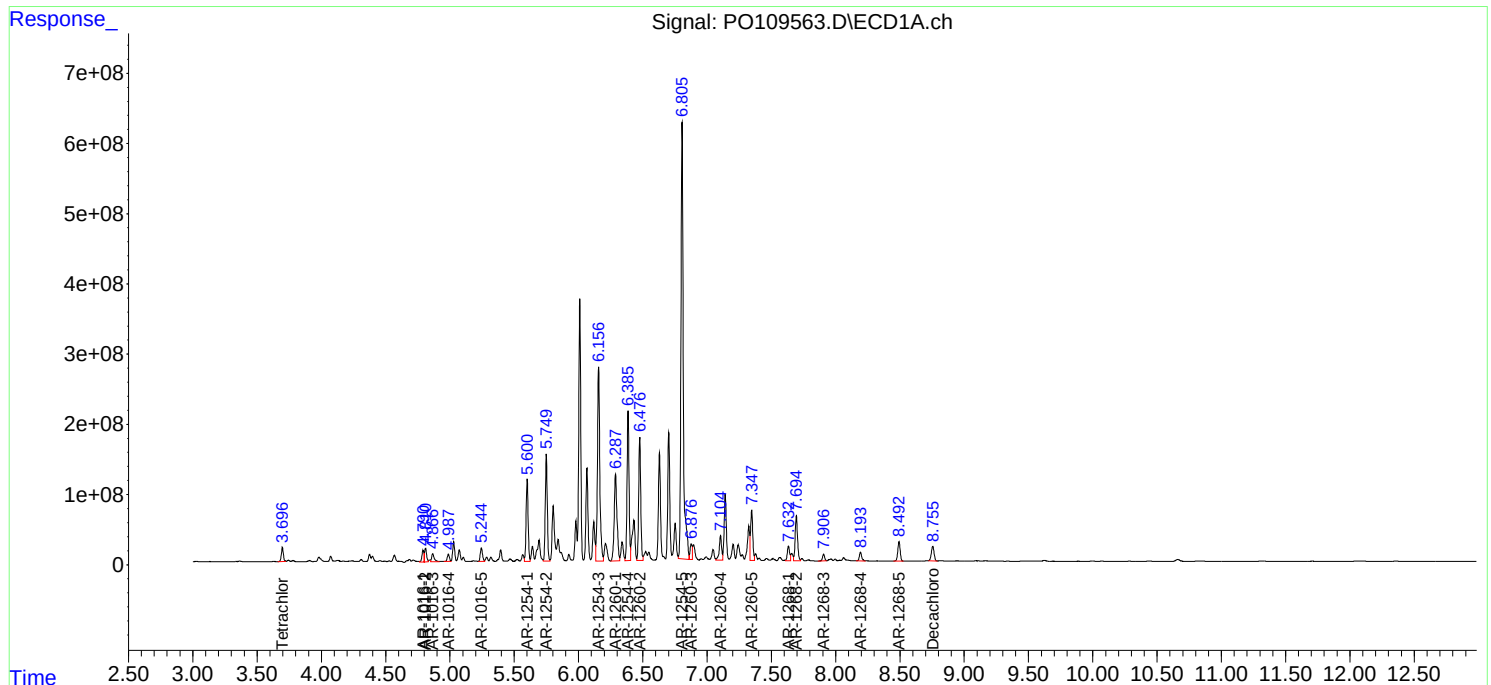
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:34
Operator : YP/AJ
Sample : Q1434-03MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-5AMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:32:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	03/06/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/06/25
Client Sample ID:	RBR251372MSD	SDG No.:	Q1437
Lab Sample ID:	Q1508-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	71
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070369.D	1	03/07/25 08:25	03/07/25 18:27	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		4.80	23.9	ug/kg
11104-28-2	Aroclor-1221	9.00	U	9.00	23.9	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	23.9	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	23.9	ug/kg
12672-29-6	Aroclor-1248	11.1	U	11.1	23.9	ug/kg
11097-69-1	Aroclor-1254	173	P	3.80	23.9	ug/kg
37324-23-5	Aroclor-1262	6.40	U	6.40	23.9	ug/kg
11100-14-4	Aroclor-1268	4.80	U	4.80	23.9	ug/kg
11096-82-5	Aroclor-1260	197		4.10	23.9	ug/kg
Total PCBs	Total PCBs	526		12.7	23.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.8		32 - 144	69%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.6		32 - 175	73%	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\PP030725\
 Data File : PP070369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 18:27
 Operator : YP\AJ
 Sample : Q1508-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 RBR251372MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:19:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.829	20281149	11929687	13.819	12.478
2)	SA Decachlor...	10.256	8.881	16195876	15854850	14.219	14.625
Target Compounds							
3)	L1 AR-1016-1	5.681	4.918	10908744	8261282	218.936	247.354m
4)	L1 AR-1016-2	5.704	4.937	18167548	12829357	256.684	275.342m
5)	L1 AR-1016-3	5.765	5.114	14134626	6843578	321.809	273.389m
6)	L1 AR-1016-4	5.861	5.156	11218300	9015221	309.373m	449.174 #
7)	L1 AR-1016-5	6.155	5.371	7752516	10891759	231.152	419.777 #
26)	L6 AR-1254-1	6.530	5.725	18844012	16526961	332.344m	302.862
27)	L6 AR-1254-2	6.748	5.873	24912371	13819187	284.111	283.496
28)	L6 AR-1254-3	7.110	6.278	22663981	15515638	254.290	204.647m
29)	L6 AR-1254-4	7.394	6.506	19621361	10054172	263.335	195.378m#
30)	L6 AR-1254-5	7.809	6.923	47708507	29264844	710.347	433.109 #
31)	L7 AR-1260-1	7.275	6.409	24124142	17319071	413.368	349.603
32)	L7 AR-1260-2	7.529	6.596	34847076	21666445	426.393	331.189
33)	L7 AR-1260-3	7.886	6.749	24993800	19136371	398.237	317.237
34)	L7 AR-1260-4	8.110	7.222	33271910	16460560	524.785	336.841 #
35)	L7 AR-1260-5	8.432	7.462	44730056	42746768	340.970	358.690

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 18:27
Operator : YP\AJ
Sample : Q1508-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

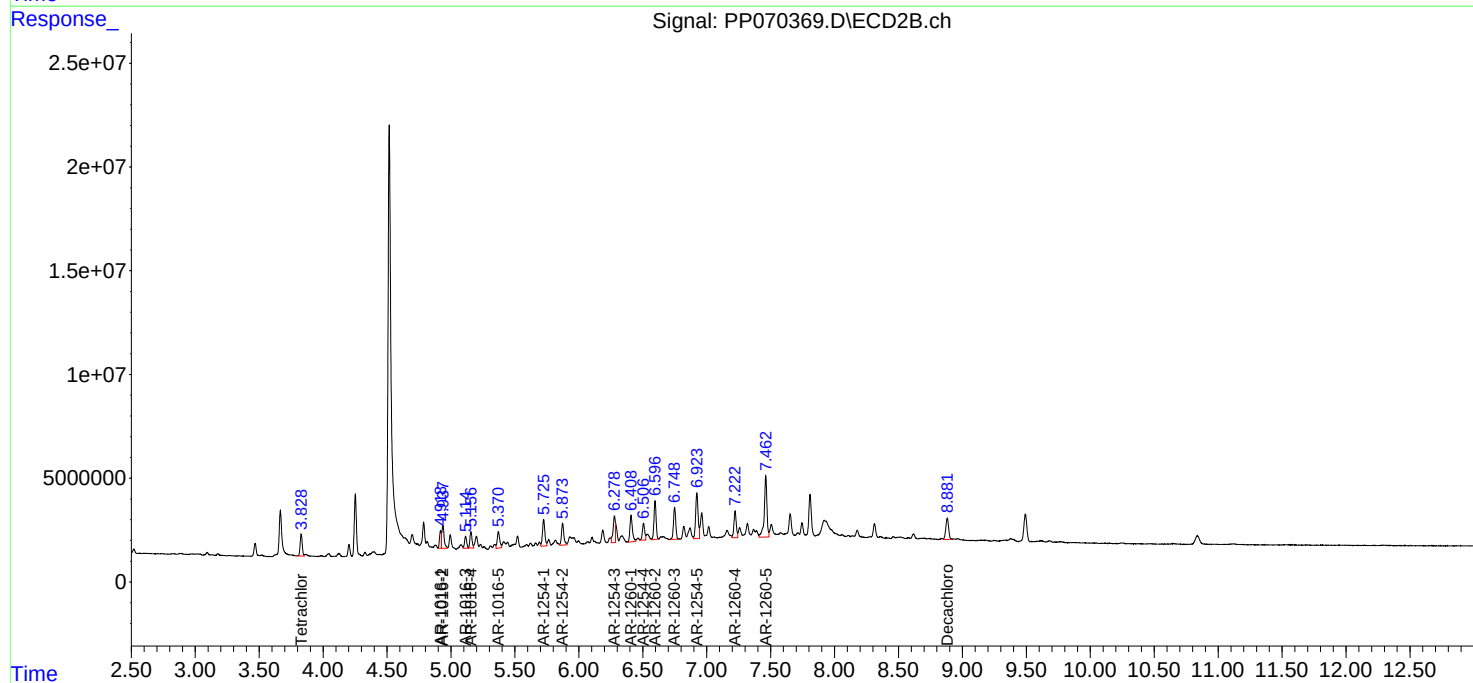
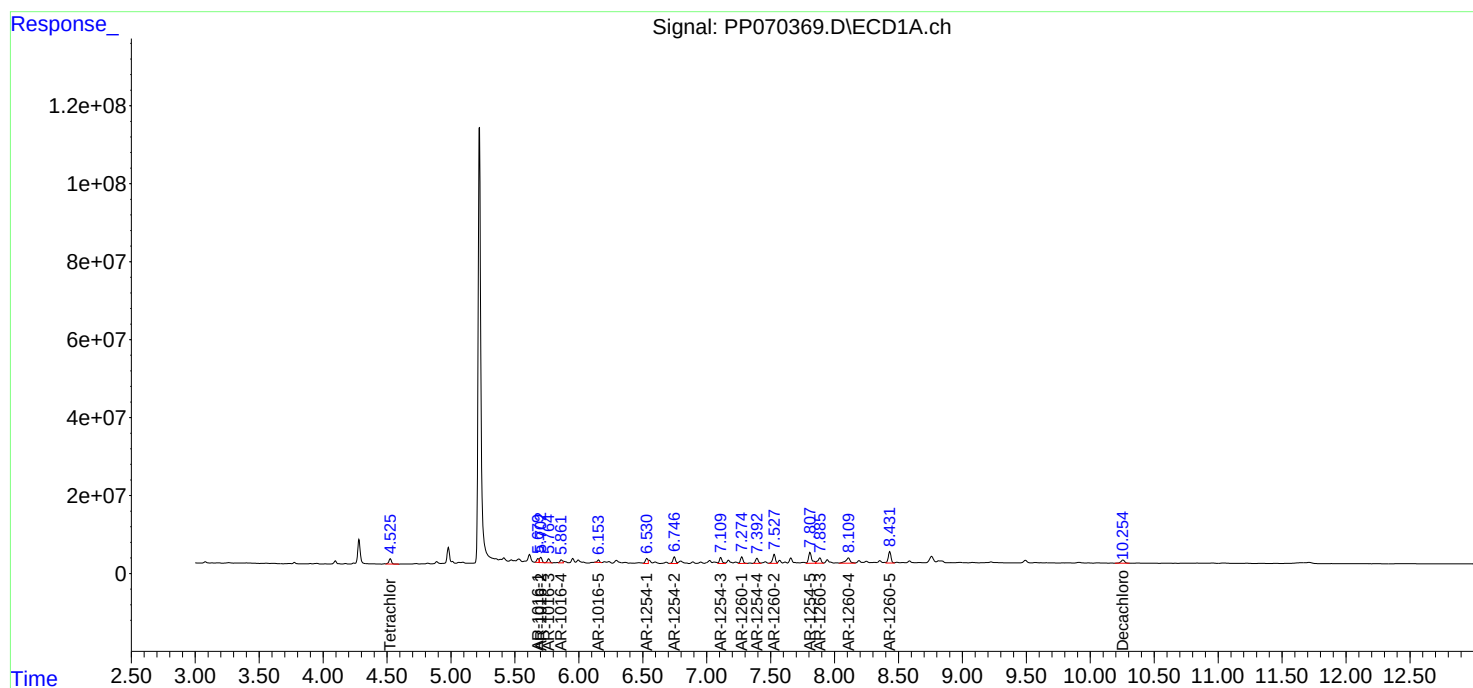
Instrument :
ECD_P
ClientSampleId :
RBR251372MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:19:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PO022025	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO109437.D	AR-1242-5	yogesh	2/21/2025 8:09:35 AM	Ankita	2/21/2025 9:30:25	Peak Integrated by Software
AR1242ICC050	PO109437.D	AR-1242-5 #2	yogesh	2/21/2025 8:09:35 AM	Ankita	2/21/2025 9:30:25	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-4	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-4 #2	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-5	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-5 #2	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-1	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-1 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-2 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-3	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-3 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-4	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software



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Manual Integration Report

Sequence:

PO022025

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO109447.D	AR-1254-4 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software



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Manual Integration Report

Sequence:	PO022725	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PO109574.D	Decachlorobiphenyl	yogesh	2/28/2025 10:07:47 AM	Ankita	2/28/2025 12:44:08	Peak Integrated by Software

Manual Integration Report

Sequence:

PO022825

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1437-03DL2	PO109616.D	Tetrachloro-m-xylene	yogesh	3/3/2025 9:31:55 AM	Ankita	3/4/2025 12:55:24	Peak Integrated by Software
Q1437-03DL2	PO109616.D	Tetrachloro-m-xylene #2	yogesh	3/3/2025 9:31:55 AM	Ankita	3/4/2025 12:55:24	Peak Integrated by Software
AR1660CCC500	PO109619.D	AR-1016-5	yogesh	3/3/2025 9:31:57 AM	Ankita	3/4/2025 12:55:28	Peak Integrated by Software
AR1660CCC500	PO109619.D	AR-1016-5 #2	yogesh	3/3/2025 9:31:57 AM	Ankita	3/4/2025 12:55:28	Peak Integrated by Software

Manual Integration Report

Sequence:	PO030625	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO109648.D	AR-1016-5	yogesh	3/7/2025 7:30:27 AM	mohammad	3/8/2025 4:30:17	Peak Integrated by Software
AR1660CCC500	PO109648.D	AR-1016-5 #2	yogesh	3/7/2025 7:30:27 AM	mohammad	3/8/2025 4:30:17	Peak Integrated by Software
AR1660CCC500	PO109662.D	AR-1016-5	yogesh	3/7/2025 7:30:36 AM	mohammad	3/8/2025 4:30:28	Peak Integrated by Software
AR1660CCC500	PO109662.D	AR-1016-5 #2	yogesh	3/7/2025 7:30:36 AM	mohammad	3/8/2025 4:30:28	Peak Integrated by Software
Q1437-07	PO109673.D	AR-1268-1 #2	yogesh	3/7/2025 7:30:38 AM	mohammad	3/8/2025 4:30:31	Peak Integrated by Software
Q1437-10	PO109674.D	AR-1268-1 #2	yogesh	3/7/2025 7:30:39 AM	mohammad	3/8/2025 4:30:33	Peak Integrated by Software
Q1437-10	PO109674.D	AR-1268-4	yogesh	3/7/2025 7:30:39 AM	mohammad	3/8/2025 4:30:33	Peak Integrated by Software
AR1660CCC500	PO109677.D	AR-1016-5	yogesh	3/7/2025 7:30:43 AM	mohammad	3/8/2025 4:30:39	Peak Integrated by Software
AR1660CCC500	PO109677.D	AR-1016-5 #2	yogesh	3/7/2025 7:30:43 AM	mohammad	3/8/2025 4:30:39	Peak Integrated by Software
Q1434-02MS	PO109688.D	Tetrachloro-m-xylene	yogesh	3/7/2025 7:30:48 AM	mohammad	3/8/2025 4:30:47	Peak Integrated by Software
Q1434-02MSD	PO109689.D	Tetrachloro-m-xylene	yogesh	3/7/2025 1:21:51 PM	mohammad	3/8/2025 4:30:50	Peak Integrated by Software
Q1434-02MSD	PO109689.D	Tetrachloro-m-xylene #2	yogesh	3/7/2025 1:21:51 PM	mohammad	3/8/2025 4:30:50	Peak Integrated by Software
AR1660CCC500	PO109692.D	AR-1016-5	yogesh	3/7/2025 7:30:54 AM	mohammad	3/8/2025 4:30:58	Peak Integrated by Software

Manual Integration Report

Sequence:

PO030625

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO109692.D	AR-1016-5 #2	yogesh	3/7/2025 7:30:54 AM	mohammad	3/8/2025 4:30:58	Peak Integrated by Software
AR1254CCC500	PO109695.D	AR-1254-1 #2	yogesh	3/7/2025 7:30:56 AM	mohammad	3/8/2025 4:31:01	Peak Integrated by Software
AR1254CCC500	PO109695.D	AR-1254-2 #2	yogesh	3/7/2025 7:30:56 AM	mohammad	3/8/2025 4:31:01	Peak Integrated by Software
AR1254CCC500	PO109695.D	AR-1254-3 #2	yogesh	3/7/2025 7:30:56 AM	mohammad	3/8/2025 4:31:01	Peak Integrated by Software



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Manual Integration Report

Sequence:

PO030725

Instrument

ECD_o

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	PP022425	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP070000.D	AR-1016-1	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-1 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-3	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-3 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-4	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-5	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1260-1 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1260-2 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1260-3 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1221ICC500	PP070001.D	Decachlorobiphenyl	yogesh	2/25/2025 9:00:06 AM	Ankita	2/25/2025 9:47:57	Peak Integrated by Software
AR1242ICC750	PP070004.D	AR-1242-5	yogesh	2/25/2025 9:00:08 AM	Ankita	2/25/2025 9:47:58	Peak Integrated by Software
AR1242ICC250	PP070006.D	AR-1242-5	yogesh	2/25/2025 9:00:09 AM	Ankita	2/25/2025 9:48:00	Peak Integrated by Software

Manual Integration Report

Sequence:

PP022425

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP070007.D	AR-1242-1	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1242ICC050	PP070007.D	AR-1242-2	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1242ICC050	PP070007.D	AR-1242-3	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1242ICC050	PP070007.D	AR-1242-4	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1242ICC050	PP070007.D	AR-1242-5	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-1	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-2	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-3	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-4	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-5	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1254ICC1000	PP070013.D	AR-1254-1	yogesh	2/25/2025 9:00:14 AM	Ankita	2/25/2025 9:48:05	Peak Integrated by Software
AR1254ICC750	PP070014.D	AR-1254-1	yogesh	2/25/2025 9:00:16 AM	Ankita	2/25/2025 9:48:07	Peak Integrated by Software
AR1254ICC750	PP070014.D	AR-1254-5	yogesh	2/25/2025 9:00:16 AM	Ankita	2/25/2025 9:48:07	Peak Integrated by Software

Manual Integration Report

Sequence:	PP022425	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PP070017.D	AR-1254-1	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-1 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-2 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-3	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-3 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-4	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-4 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-5	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-5 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	Tetrachloro-m-xylene	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	Tetrachloro-m-xylene #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1268ICC750	PP070020.D	Tetrachloro-m-xylene #2	yogesh	2/25/2025 9:00:19 AM	Ankita	2/25/2025 9:48:09	Peak Integrated by Software



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Manual Integration Report

Sequence:

PP022425

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC250	PP070022.D	AR-1268-4 #2	yogesh	2/25/2025 9:00:21 AM	Ankita	2/25/2025 9:48:11	Peak Integrated by Software
AR1268ICC050	PP070023.D	Tetrachloro-m-xylene	yogesh	2/25/2025 9:00:23 AM	Ankita	2/25/2025 9:48:13	Peak Integrated by Software

Manual Integration Report

Sequence:	PP030625	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP070296.D	AR-1242-5	yogesh	3/7/2025 7:32:29 AM	mohammad	3/8/2025 4:32:03	Peak Integrated by Software
AR1242CCC500	PP070296.D	Tetrachloro-m-xylene #2	yogesh	3/7/2025 7:32:29 AM	mohammad	3/8/2025 4:32:03	Peak Integrated by Software
AR1254CCC500	PP070298.D	AR-1254-4 #2	yogesh	3/7/2025 7:32:31 AM	mohammad	3/8/2025 4:32:06	Peak Integrated by Software
AR1242CCC500	PP070310.D	AR-1242-1	yogesh	3/7/2025 7:39:47 AM	mohammad	3/8/2025 4:32:22	Peak Integrated by Software
AR1242CCC500	PP070310.D	AR-1242-1 #2	yogesh	3/7/2025 7:39:47 AM	mohammad	3/8/2025 4:32:22	Peak Integrated by Software
AR1248CCC500	PP070311.D	AR-1248-1 #2	yogesh	3/7/2025 7:39:49 AM	mohammad	3/8/2025 4:32:25	Peak Integrated by Software
AR1254CCC500	PP070312.D	AR-1254-4 #2	yogesh	3/7/2025 7:39:51 AM	mohammad	3/8/2025 4:32:28	Peak Integrated by Software
AR1242CCC500	PP070325.D	AR-1242-1	yogesh	3/7/2025 7:40:09 AM	mohammad	3/8/2025 4:32:46	Peak Integrated by Software
AR1242CCC500	PP070325.D	AR-1242-1 #2	yogesh	3/7/2025 7:40:09 AM	mohammad	3/8/2025 4:32:46	Peak Integrated by Software
AR1248CCC500	PP070326.D	AR-1248-1 #2	yogesh	3/7/2025 7:40:11 AM	mohammad	3/8/2025 4:32:50	Peak Integrated by Software
AR1248CCC500	PP070326.D	AR-1248-4 #2	yogesh	3/7/2025 7:40:11 AM	mohammad	3/8/2025 4:32:50	Peak Integrated by Software
AR1254CCC500	PP070327.D	AR-1254-4 #2	yogesh	3/7/2025 7:40:20 AM	mohammad	3/8/2025 4:32:52	Peak Integrated by Software
I.BLK	PP070328.D	Tetrachloro-m-xylene #2	yogesh	3/7/2025 7:40:19 AM	mohammad	3/8/2025 4:32:54	Peak Integrated by Software

Manual Integration Report

Sequence:

PP030625

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1437-01	PP070330.D	AR-1254-4 #2	yogesh	3/7/2025 7:40:24 AM	mohammad	3/8/2025 4:33:00	Peak Integrated by Software
Q1437-04	PP070331.D	AR-1254-4 #2	yogesh	3/7/2025 7:40:26 AM	mohammad	3/8/2025 4:33:02	Peak Integrated by Software
AR1242CCC500	PP070333.D	AR-1242-1	yogesh	3/7/2025 7:40:28 AM	mohammad	3/8/2025 4:33:05	Peak Integrated by Software
AR1242CCC500	PP070333.D	AR-1242-1 #2	yogesh	3/7/2025 7:40:28 AM	mohammad	3/8/2025 4:33:05	Peak Integrated by Software
AR1248CCC500	PP070334.D	AR-1248-1 #2	yogesh	3/7/2025 7:40:30 AM	mohammad	3/8/2025 4:33:07	Peak Integrated by Software
AR1254CCC500	PP070335.D	AR-1254-4 #2	yogesh	3/7/2025 7:40:32 AM	mohammad	3/8/2025 4:33:09	Peak Integrated by Software

Manual Integration Report

Sequence:	PP030725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP070347.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:25 AM	Ankita	3/10/2025 10:57:58	Peak Integrated by Software
Q1437-01DL	PP070351.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:28 AM	Ankita	3/10/2025 10:58:01	Peak Integrated by Software
Q1437-01DL	PP070351.D	AR-1268-4	yogesh	3/10/2025 8:00:28 AM	Ankita	3/10/2025 10:58:01	Peak Integrated by Software
Q1437-04DL	PP070352.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:31 AM	Ankita	3/10/2025 10:58:03	Peak Integrated by Software
Q1437-04DL2	PP070353.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:33 AM	Ankita	3/10/2025 10:58:05	Peak Integrated by Software
Q1437-02	PP070356.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:35 AM	Ankita	3/10/2025 10:58:06	Peak Integrated by Software
Q1437-08	PP070358.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:37 AM	Ankita	3/10/2025 10:58:08	Peak Integrated by Software
AR1242CCC500	PP070360.D	AR-1242-1	yogesh	3/10/2025 8:00:39 AM	Ankita	3/10/2025 10:58:10	Peak Integrated by Software
AR1242CCC500	PP070360.D	AR-1242-1 #2	yogesh	3/10/2025 8:00:39 AM	Ankita	3/10/2025 10:58:10	Peak Integrated by Software
AR1248CCC500	PP070361.D	AR-1248-1 #2	yogesh	3/10/2025 8:00:40 AM	Ankita	3/10/2025 10:58:12	Peak Integrated by Software
AR1254CCC500	PP070362.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:43 AM	Ankita	3/10/2025 10:58:14	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1016-1 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1016-2 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software

Manual Integration Report

Sequence:	PP030725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1508-01MS	PP070368.D	AR-1016-3 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1016-4	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1254-1	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1254-3 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1254-5	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1016-1 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1016-2 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1016-3 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1016-4	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1254-1	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1254-3 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software

Manual Integration Report

Sequence:

PP030725

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP070374.D	AR-1016-5 #2	yogesh	3/10/2025 8:01:03 AM	Ankita	3/10/2025 10:59:00	Peak Integrated by Software
AR1242CCC500	PP070375.D	AR-1242-1	yogesh	3/10/2025 8:01:04 AM	Ankita	3/10/2025 10:59:02	Peak Integrated by Software
AR1242CCC500	PP070375.D	AR-1242-1 #2	yogesh	3/10/2025 8:01:04 AM	Ankita	3/10/2025 10:59:02	Peak Integrated by Software
AR1248CCC500	PP070376.D	AR-1248-1 #2	yogesh	3/10/2025 8:01:06 AM	Ankita	3/10/2025 10:59:05	Peak Integrated by Software
AR1254CCC500	PP070377.D	AR-1254-4 #2	yogesh	3/10/2025 8:01:08 AM	Ankita	3/10/2025 10:59:07	Peak Integrated by Software
I.BLK	PP070378.D	Tetrachloro-m-xylene #2	yogesh	3/10/2025 8:01:09 AM	Ankita	3/10/2025 10:59:09	Peak Integrated by Software
AR1242CCC500	PP070385.D	AR-1242-1	yogesh	3/10/2025 8:01:16 AM	Ankita	3/10/2025 10:59:16	Peak Integrated by Software
AR1242CCC500	PP070385.D	AR-1242-1 #2	yogesh	3/10/2025 8:01:16 AM	Ankita	3/10/2025 10:59:16	Peak Integrated by Software
AR1248CCC500	PP070386.D	AR-1248-1 #2	yogesh	3/10/2025 8:01:18 AM	Ankita	3/10/2025 10:59:42	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM
SubDirectory	PO022025	HP Acquire Method	HP Processing Method PO022025
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	PO109424.D	20 Feb 2025 16:09	YP/AJ	Ok
2	I.BLK	PO109425.D	20 Feb 2025 16:28	YP/AJ	Ok
3	AR1660ICC1000	PO109426.D	20 Feb 2025 16:46	YP/AJ	Ok
4	AR1660ICC750	PO109427.D	20 Feb 2025 17:04	YP/AJ	Ok
5	AR1660ICC500	PO109428.D	20 Feb 2025 17:23	YP/AJ	Ok
6	AR1660ICC250	PO109429.D	20 Feb 2025 17:41	YP/AJ	Ok
7	AR1660ICC050	PO109430.D	20 Feb 2025 17:59	YP/AJ	Ok
8	AR1221ICC500	PO109431.D	20 Feb 2025 18:18	YP/AJ	Ok
9	AR1232ICC500	PO109432.D	20 Feb 2025 18:36	YP/AJ	Ok
10	AR1242ICC1000	PO109433.D	20 Feb 2025 18:55	YP/AJ	Ok
11	AR1242ICC750	PO109434.D	20 Feb 2025 19:13	YP/AJ	Ok
12	AR1242ICC500	PO109435.D	20 Feb 2025 19:31	YP/AJ	Ok
13	AR1242ICC250	PO109436.D	20 Feb 2025 19:50	YP/AJ	Ok
14	AR1242ICC050	PO109437.D	20 Feb 2025 20:08	YP/AJ	Ok,M
15	AR1248ICC1000	PO109438.D	20 Feb 2025 20:26	YP/AJ	Ok
16	AR1248ICC750	PO109439.D	20 Feb 2025 20:45	YP/AJ	Ok
17	AR1248ICC500	PO109440.D	20 Feb 2025 21:03	YP/AJ	Ok
18	AR1248ICC250	PO109441.D	20 Feb 2025 21:21	YP/AJ	Ok
19	AR1248ICC050	PO109442.D	20 Feb 2025 21:40	YP/AJ	Ok,M
20	AR1254ICC1000	PO109443.D	20 Feb 2025 21:58	YP/AJ	Ok
21	AR1254ICC750	PO109444.D	20 Feb 2025 22:17	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM
SubDirectory	PO022025	HP Acquire Method	HP Processing Method PO022025
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	PO109445.D	20 Feb 2025 22:35	YP/AJ	Ok
23	AR1254ICC250	PO109446.D	20 Feb 2025 22:53	YP/AJ	Ok
24	AR1254ICC050	PO109447.D	20 Feb 2025 23:12	YP/AJ	Ok,M
25	AR1262ICC500	PO109448.D	20 Feb 2025 23:30	YP/AJ	Ok
26	AR1268ICC1000	PO109449.D	20 Feb 2025 23:48	YP/AJ	Ok
27	AR1268ICC750	PO109450.D	21 Feb 2025 00:07	YP/AJ	Ok
28	AR1268ICC500	PO109451.D	21 Feb 2025 00:25	YP/AJ	Ok
29	AR1268ICC250	PO109452.D	21 Feb 2025 00:43	YP/AJ	Ok
30	AR1268ICC050	PO109453.D	21 Feb 2025 01:02	YP/AJ	Ok
31	PO022025ICV500	PO109454.D	21 Feb 2025 01:20	YP/AJ	Ok
32	AR1242ICV500	PO109455.D	21 Feb 2025 01:38	YP/AJ	Ok
33	AR1248ICV500	PO109456.D	21 Feb 2025 01:57	YP/AJ	Ok
34	AR1254ICV500	PO109457.D	21 Feb 2025 02:15	YP/AJ	Ok
35	AR1268ICV500	PO109458.D	21 Feb 2025 02:34	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022725

Review By	yogesh	Review On	2/28/2025 12:43:01 PM
Supervise By	Ankita	Supervise On	2/28/2025 12:44:27 PM
SubDirectory	PO022725	HP Acquire Method	HP Processing Method PO022025
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	PO109517.D	27 Feb 2025 10:13	YP/AJ	Ok
2	AR1660CCC500	PO109518.D	27 Feb 2025 10:32	YP/AJ	Ok
3	AR1242CCC500	PO109519.D	27 Feb 2025 10:50	YP/AJ	Ok
4	AR1248CCC500	PO109520.D	27 Feb 2025 11:08	YP/AJ	Ok
5	AR1254CCC500	PO109521.D	27 Feb 2025 11:27	YP/AJ	Ok
6	I.BLK	PO109522.D	27 Feb 2025 11:45	YP/AJ	Ok
7	PP24209	PO109523.D	27 Feb 2025 12:03	YP/AJ	Ok
8	PB166892BL	PO109524.D	27 Feb 2025 13:16	YP/AJ	Ok
9	PB166892BS	PO109525.D	27 Feb 2025 13:35	YP/AJ	Ok
10	Q1438-02	PO109526.D	27 Feb 2025 13:53	YP/AJ	Dilution
11	Q1438-04	PO109527.D	27 Feb 2025 14:11	YP/AJ	Dilution
12	Q1438-06	PO109528.D	27 Feb 2025 14:30	YP/AJ	Dilution
13	Q1438-07	PO109529.D	27 Feb 2025 14:48	YP/AJ	Dilution
14	Q1438-08	PO109530.D	27 Feb 2025 15:06	YP/AJ	Dilution
15	Q1438-10	PO109531.D	27 Feb 2025 15:25	YP/AJ	Dilution
16	Q1440-01	PO109532.D	27 Feb 2025 15:43	YP/AJ	Ok
17	AR1660CCC500	PO109533.D	27 Feb 2025 17:49	YP/AJ	Ok
18	AR1242CCC500	PO109534.D	27 Feb 2025 18:07	YP/AJ	Ok
19	AR1248CCC500	PO109535.D	27 Feb 2025 18:26	YP/AJ	Ok
20	AR1254CCC500	PO109536.D	27 Feb 2025 19:53	YP/AJ	Ok
21	I.BLK	PO109537.D	27 Feb 2025 20:12	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022725

Review By	yogesh	Review On	2/28/2025 12:43:01 PM
Supervise By	Ankita	Supervise On	2/28/2025 12:44:27 PM
SubDirectory	PO022725	HP Acquire Method	HP Processing Method PO022025
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	Q1441-01	PO109538.D	27 Feb 2025 20:30	YP/AJ	Ok
23	Q1442-01	PO109539.D	27 Feb 2025 20:49	YP/AJ	Ok
24	Q1442-02	PO109540.D	27 Feb 2025 21:07	YP/AJ	Ok
25	Q1442-03	PO109541.D	27 Feb 2025 21:26	YP/AJ	Ok
26	Q1442-03MS	PO109542.D	27 Feb 2025 21:44	YP/AJ	Ok
27	Q1442-03MSD	PO109543.D	27 Feb 2025 22:02	YP/AJ	Ok,M
28	Q1443-01	PO109544.D	27 Feb 2025 22:21	YP/AJ	Ok
29	Q1447-01	PO109545.D	27 Feb 2025 22:39	YP/AJ	Ok,M
30	PB166889BL	PO109546.D	27 Feb 2025 22:57	YP/AJ	Ok
31	PB166889BS	PO109547.D	27 Feb 2025 23:16	YP/AJ	Ok
32	AR1660CCC500	PO109548.D	28 Feb 2025 00:02	YP/AJ	Ok
33	AR1242CCC500	PO109549.D	28 Feb 2025 00:21	YP/AJ	Ok
34	AR1248CCC500	PO109550.D	28 Feb 2025 00:38	YP/AJ	Ok
35	AR1254CCC500	PO109551.D	28 Feb 2025 00:57	YP/AJ	Ok
36	I.BLK	PO109552.D	28 Feb 2025 01:14	YP/AJ	Ok
37	Q1433-01	PO109553.D	28 Feb 2025 01:32	YP/AJ	Dilution
38	Q1433-02	PO109554.D	28 Feb 2025 01:50	YP/AJ	Not Ok
39	Q1433-04	PO109555.D	28 Feb 2025 02:08	YP/AJ	Dilution
40	Q1433-05	PO109556.D	28 Feb 2025 02:26	YP/AJ	Dilution
41	Q1433-07	PO109557.D	28 Feb 2025 02:45	YP/AJ	Dilution
42	Q1433-08	PO109558.D	28 Feb 2025 03:03	YP/AJ	Dilution
43	Q1433-10	PO109559.D	28 Feb 2025 03:21	YP/AJ	Dilution
44	Q1434-01	PO109560.D	28 Feb 2025 03:39	YP/AJ	Dilution

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022725

Review By	yogesh	Review On	2/28/2025 12:43:01 PM
Supervise By	Ankita	Supervise On	2/28/2025 12:44:27 PM
SubDirectory	PO022725	HP Acquire Method	HP Processing Method PO022025
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	Q1434-03	PO109561.D	28 Feb 2025 03:57	YP/AJ	Dilution
46	Q1434-03MS	PO109562.D	28 Feb 2025 04:16	YP/AJ	Ok
47	Q1434-03MSD	PO109563.D	28 Feb 2025 04:34	YP/AJ	Ok
48	Q1434-04	PO109564.D	28 Feb 2025 04:52	YP/AJ	Dilution
49	Q1434-06	PO109565.D	28 Feb 2025 05:11	YP/AJ	Dilution
50	Q1434-08	PO109566.D	28 Feb 2025 05:29	YP/AJ	Dilution
51	Q1434-09	PO109567.D	28 Feb 2025 05:46	YP/AJ	Dilution
52	Q1436-01	PO109568.D	28 Feb 2025 06:05	YP/AJ	Dilution
53	Q1436-04	PO109569.D	28 Feb 2025 06:23	YP/AJ	Dilution
54	Q1436-07	PO109570.D	28 Feb 2025 06:42	YP/AJ	Dilution
55	Q1436-10	PO109571.D	28 Feb 2025 07:00	YP/AJ	Dilution
56	Q1437-03	PO109572.D	28 Feb 2025 07:18	YP/AJ	Dilution
57	AR1660CCC500	PO109573.D	28 Feb 2025 08:19	YP/AJ	Ok
58	I.BLK	PO109574.D	28 Feb 2025 08:38	YP/AJ	Ok,M
59	Q1437-06	PO109575.D	28 Feb 2025 08:55	YP/AJ	Dilution
60	Q1437-09	PO109576.D	28 Feb 2025 09:14	YP/AJ	Dilution
61	AR1660CC500	PO109577.D	28 Feb 2025 10:00	YP/AJ	Ok
62	I.BLK	PO109578.D	28 Feb 2025 10:19	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022825

Review By	yogesh	Review On	3/3/2025 9:32:13 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:55:41 PM
SubDirectory	PO022825	HP Acquire Method	HP Processing Method PO022025
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	AR1660CCC500	PO109579.D	28 Feb 2025 10:57	YP/AJ	Ok
2	I.BLK	PO109580.D	28 Feb 2025 11:16	YP/AJ	Ok
3	Q1438-02DL	PO109581.D	28 Feb 2025 11:34	YP/AJ	Ok
4	Q1438-04DL	PO109582.D	28 Feb 2025 11:52	YP/AJ	Ok
5	Q1438-06DL	PO109583.D	28 Feb 2025 12:10	YP/AJ	Dilution
6	Q1438-06DL2	PO109584.D	28 Feb 2025 12:28	YP/AJ	Ok,M
7	Q1438-07DL	PO109585.D	28 Feb 2025 12:47	YP/AJ	Ok,M
8	Q1438-08DL	PO109586.D	28 Feb 2025 13:04	YP/AJ	Dilution
9	Q1438-08DL2	PO109587.D	28 Feb 2025 13:22	YP/AJ	Ok
10	Q1438-10DL	PO109588.D	28 Feb 2025 13:41	YP/AJ	Ok
11	Q1433-02	PO109589.D	28 Feb 2025 14:13	YP/AJ	Ok
12	Q1433-01DL	PO109590.D	28 Feb 2025 14:32	YP/AJ	Ok,M
13	Q1433-04DL	PO109591.D	28 Feb 2025 15:04	YP/AJ	Dilution
14	Q1433-04DL2	PO109592.D	28 Feb 2025 15:23	YP/AJ	Ok
15	Q1433-05DL	PO109593.D	28 Feb 2025 15:41	YP/AJ	Dilution
16	Q1433-05DL2	PO109594.D	28 Feb 2025 15:59	YP/AJ	Ok,M
17	Q1433-07DL	PO109595.D	28 Feb 2025 16:18	YP/AJ	Dilution
18	Q1433-07DL2	PO109596.D	28 Feb 2025 16:36	YP/AJ	Ok
19	Q1433-08DL	PO109597.D	28 Feb 2025 16:54	YP/AJ	Ok
20	Q1433-10DL	PO109598.D	28 Feb 2025 17:13	YP/AJ	Dilution
21	Q1433-10DL2	PO109599.D	28 Feb 2025 17:31	YP/AJ	Dilution

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022825

Review By	yogesh	Review On	3/3/2025 9:32:13 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:55:41 PM
SubDirectory	PO022825	HP Acquire Method	HP Processing Method PO022025
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	AR1660CCC500	PO109600.D	28 Feb 2025 18:46	YP/AJ	Ok
23	I.BLK	PO109601.D	28 Feb 2025 19:04	YP/AJ	Ok
24	Q1434-01DL	PO109602.D	28 Feb 2025 19:22	YP/AJ	Ok
25	Q1434-03DL	PO109603.D	28 Feb 2025 19:40	YP/AJ	Ok
26	Q1434-04DL	PO109604.D	28 Feb 2025 19:59	YP/AJ	Ok
27	Q1434-06DL	PO109605.D	28 Feb 2025 20:17	YP/AJ	Ok
28	Q1434-08DL	PO109606.D	28 Feb 2025 20:35	YP/AJ	Not Ok
29	Q1434-09DL	PO109607.D	28 Feb 2025 20:54	YP/AJ	Ok,M
30	Q1436-01DL	PO109608.D	28 Feb 2025 21:12	YP/AJ	Dilution
31	Q1436-01DL2	PO109609.D	28 Feb 2025 21:30	YP/AJ	Ok
32	Q1436-04DL	PO109610.D	28 Feb 2025 21:49	YP/AJ	Ok
33	Q1436-07DL	PO109611.D	28 Feb 2025 22:07	YP/AJ	Dilution
34	Q1436-07DL2	PO109612.D	28 Feb 2025 22:26	YP/AJ	Ok
35	Q1436-10DL	PO109613.D	28 Feb 2025 22:44	YP/AJ	Dilution
36	Q1436-10DL2	PO109614.D	28 Feb 2025 23:02	YP/AJ	Ok
37	Q1437-03DL	PO109615.D	28 Feb 2025 23:21	YP/AJ	Dilution
38	Q1437-03DL2	PO109616.D	28 Feb 2025 23:39	YP/AJ	Ok,M
39	Q1437-06DL	PO109617.D	28 Feb 2025 23:58	YP/AJ	Ok
40	Q1437-09DL	PO109618.D	01 Mar 2025 00:15	YP/AJ	Ok
41	AR1660CCC500	PO109619.D	01 Mar 2025 01:30	YP/AJ	Ok,M
42	I.BLK	PO109620.D	01 Mar 2025 01:49	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	HP Acquire Method	HP Processing Method PO022025
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	PO109647.D	06 Mar 2025 09:28	YP/AJ	Ok
2	AR1660CCC500	PO109648.D	06 Mar 2025 10:05	YP/AJ	Ok,M
3	AR1242CCC500	PO109649.D	06 Mar 2025 10:24	YP/AJ	Ok
4	AR1248CCC500	PO109650.D	06 Mar 2025 10:42	YP/AJ	Ok
5	AR1254CCC500	PO109651.D	06 Mar 2025 11:00	YP/AJ	Ok
6	I.BLK	PO109652.D	06 Mar 2025 11:20	YP/AJ	Ok
7	PB167003BL	PO109653.D	06 Mar 2025 12:29	YP/AJ	Ok
8	PB167003BS	PO109654.D	06 Mar 2025 12:47	YP/AJ	Ok
9	Q1498-01	PO109655.D	06 Mar 2025 13:06	YP/AJ	Ok,M
10	Q1498-02	PO109656.D	06 Mar 2025 13:24	YP/AJ	Ok,M
11	Q1498-03	PO109657.D	06 Mar 2025 13:43	YP/AJ	Ok
12	Q1498-04	PO109658.D	06 Mar 2025 14:01	YP/AJ	Ok,M
13	Q1498-05	PO109659.D	06 Mar 2025 14:20	YP/AJ	Ok
14	Q1498-06	PO109660.D	06 Mar 2025 14:37	YP/AJ	Ok
15	Q1498-07	PO109661.D	06 Mar 2025 14:55	YP/AJ	Ok,M
16	AR1660CCC500	PO109662.D	06 Mar 2025 16:11	YP/AJ	Ok,M
17	AR1242CCC500	PO109663.D	06 Mar 2025 16:47	YP/AJ	Ok
18	AR1248CCC500	PO109664.D	06 Mar 2025 17:06	YP/AJ	Ok
19	AR1254CCC500	PO109665.D	06 Mar 2025 17:24	YP/AJ	Ok
20	I.BLK	PO109666.D	06 Mar 2025 18:01	YP/AJ	Ok
21	PB167009BL	PO109667.D	06 Mar 2025 18:19	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	HP Acquire Method	HP Processing Method PO022025
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	PB167009BS	PO109668.D	06 Mar 2025 18:38	YP/AJ	Ok
23	PB167009BSD	PO109669.D	06 Mar 2025 18:56	YP/AJ	Ok
24	Q1488-13	PO109670.D	06 Mar 2025 19:15	YP/AJ	Ok
25	Q1488-14	PO109671.D	06 Mar 2025 19:33	YP/AJ	Ok
26	Q1494-01	PO109672.D	06 Mar 2025 19:51	YP/AJ	Ok
27	Q1437-07	PO109673.D	06 Mar 2025 20:10	YP/AJ	Dilution
28	Q1437-10	PO109674.D	06 Mar 2025 20:28	YP/AJ	Ok,M
29	Q1438-03	PO109675.D	06 Mar 2025 20:47	YP/AJ	Dilution
30	Q1438-05	PO109676.D	06 Mar 2025 21:04	YP/AJ	Dilution
31	AR1660CCC500	PO109677.D	06 Mar 2025 22:19	YP/AJ	Ok,M
32	AR1242CCC500	PO109678.D	06 Mar 2025 22:56	YP/AJ	Ok
33	AR1248CCC500	PO109679.D	06 Mar 2025 23:14	YP/AJ	Ok
34	AR1254CCC500	PO109680.D	06 Mar 2025 23:33	YP/AJ	Ok
35	I.BLK	PO109681.D	07 Mar 2025 00:09	YP/AJ	Ok
36	PB167022BL	PO109682.D	07 Mar 2025 00:28	YP/AJ	Ok
37	PB167022BS	PO109683.D	07 Mar 2025 00:46	YP/AJ	Ok
38	Q1433-03	PO109684.D	07 Mar 2025 01:05	YP/AJ	Ok,M
39	Q1433-06	PO109685.D	07 Mar 2025 01:23	YP/AJ	Dilution
40	Q1433-09	PO109686.D	07 Mar 2025 01:41	YP/AJ	Dilution
41	Q1434-02	PO109687.D	07 Mar 2025 02:00	YP/AJ	Dilution
42	Q1434-02MS	PO109688.D	07 Mar 2025 02:18	YP/AJ	Ok,M
43	Q1434-02MSD	PO109689.D	07 Mar 2025 02:37	YP/AJ	Ok,M
44	Q1434-05	PO109690.D	07 Mar 2025 02:55	YP/AJ	Dilution

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	HP Acquire Method	HP Processing Method PO022025
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	Q1434-07	PO109691.D	07 Mar 2025 03:13	YP/AJ	Dilution
46	AR1660CCC500	PO109692.D	07 Mar 2025 04:29	YP/AJ	Ok,M
47	AR1242CCC500	PO109693.D	07 Mar 2025 05:05	YP/AJ	Ok
48	AR1248CCC500	PO109694.D	07 Mar 2025 05:24	YP/AJ	Ok
49	AR1254CCC500	PO109695.D	07 Mar 2025 05:42	YP/AJ	Ok,M
50	I.BLK	PO109696.D	07 Mar 2025 06:19	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method
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	PO109697.D	07 Mar 2025 08:40	YP/AJ	Ok
2	AR1660CCC500	PO109698.D	07 Mar 2025 08:58	YP/AJ	Ok
3	I.BLK	PO109699.D	07 Mar 2025 09:17	YP/AJ	Ok
4	Q1437-07DL	PO109700.D	07 Mar 2025 09:36	YP/AJ	Ok
5	Q1438-03DL	PO109701.D	07 Mar 2025 09:55	YP/AJ	Ok
6	Q1438-05DL	PO109702.D	07 Mar 2025 10:12	YP/AJ	Ok
7	Q1433-06DL	PO109703.D	07 Mar 2025 10:29	YP/AJ	Ok
8	Q1433-09DL	PO109704.D	07 Mar 2025 10:48	YP/AJ	Ok
9	Q1434-02DL	PO109705.D	07 Mar 2025 11:06	YP/AJ	Not Ok
10	Q1434-05DL	PO109706.D	07 Mar 2025 11:24	YP/AJ	Ok
11	Q1434-07DL	PO109707.D	07 Mar 2025 11:43	YP/AJ	Ok
12	AR1660CCC500	PO109708.D	07 Mar 2025 12:30	YP/AJ	Ok
13	AR1242CCC500	PO109709.D	07 Mar 2025 12:48	YP/AJ	Ok
14	AR1248CCC500	PO109710.D	07 Mar 2025 13:05	YP/AJ	Ok
15	AR1254CCC500	PO109711.D	07 Mar 2025 13:24	YP/AJ	Ok
16	I.BLK	PO109712.D	07 Mar 2025 13:42	YP/AJ	Ok
17	PB167025BL	PO109713.D	07 Mar 2025 14:00	YP/AJ	Ok
18	PB167025BS	PO109714.D	07 Mar 2025 14:19	YP/AJ	Ok
19	Q1509-01	PO109715.D	07 Mar 2025 14:37	YP/AJ	Ok,M
20	Q1509-02	PO109716.D	07 Mar 2025 14:56	YP/AJ	Ok,M
21	Q1520-01	PO109717.D	07 Mar 2025 15:14	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method
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	Q1520-02	PO109718.D	07 Mar 2025 15:32	YP/AJ	Ok,M
23	Q1520-03	PO109719.D	07 Mar 2025 15:51	YP/AJ	Ok,M
24	Q1520-04	PO109720.D	07 Mar 2025 16:09	YP/AJ	Ok,M
25	Q1520-05	PO109721.D	07 Mar 2025 16:28	YP/AJ	Ok,M
26	Q1520-06	PO109722.D	07 Mar 2025 16:46	YP/AJ	Ok,M
27	AR1660CCC500	PO109723.D	07 Mar 2025 17:33	YP/AJ	Ok
28	AR1242CCC500	PO109724.D	07 Mar 2025 17:50	YP/AJ	Ok
29	AR1248CCC500	PO109725.D	07 Mar 2025 18:08	YP/AJ	Ok
30	AR1254CCC500	PO109726.D	07 Mar 2025 18:27	YP/AJ	Ok
31	I.BLK	PO109727.D	07 Mar 2025 18:45	YP/AJ	Ok
32	PB167028BL	PO109728.D	07 Mar 2025 19:04	YP/AJ	Ok
33	PB167028BS	PO109729.D	07 Mar 2025 19:22	YP/AJ	Ok
34	PB167028BSD	PO109730.D	07 Mar 2025 19:40	YP/AJ	Ok
35	Q1514-07	PO109731.D	07 Mar 2025 19:59	YP/AJ	Ok,M
36	Q1514-08	PO109732.D	07 Mar 2025 20:17	YP/AJ	Ok
37	Q1514-09	PO109733.D	07 Mar 2025 20:35	YP/AJ	Ok
38	Q1516-03	PO109734.D	07 Mar 2025 20:54	YP/AJ	Ok
39	Q1517-01	PO109735.D	07 Mar 2025 21:12	YP/AJ	Ok,M
40	Q1434-02DL	PO109736.D	07 Mar 2025 21:31	YP/AJ	Ok,M
41	AR1660CCC500	PO109737.D	07 Mar 2025 22:17	YP/AJ	Ok
42	AR1242CCC500	PO109738.D	07 Mar 2025 22:36	YP/AJ	Ok
43	AR1248CCC500	PO109739.D	07 Mar 2025 22:54	YP/AJ	Ok
44	AR1254CCC500	PO109740.D	07 Mar 2025 23:11	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method
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	I.BLK	PO109741.D	07 Mar 2025 23:30	YP/AJ	Ok
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M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

Review By	yogesh	Review On	2/25/2025 9:00:36 AM
Supervise By	Ankita	Supervise On	2/25/2025 9:48:29 AM
SubDirectory	PP022425	HP Acquire Method	HP Processing Method PP022425
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	PP069994.D	24 Feb 2025 14:27	YP\AJ	Ok
2	I.BLK	PP069995.D	24 Feb 2025 14:43	YP\AJ	Ok
3	AR1660ICC1000	PP069996.D	24 Feb 2025 14:59	YP\AJ	Ok
4	AR1660ICC750	PP069997.D	24 Feb 2025 15:15	YP\AJ	Ok
5	AR1660ICC500	PP069998.D	24 Feb 2025 15:32	YP\AJ	Ok
6	AR1660ICC250	PP069999.D	24 Feb 2025 15:48	YP\AJ	Ok
7	AR1660ICC050	PP070000.D	24 Feb 2025 16:04	YP\AJ	Ok,M
8	AR1221ICC500	PP070001.D	24 Feb 2025 16:20	YP\AJ	Ok,M
9	AR1232ICC500	PP070002.D	24 Feb 2025 16:37	YP\AJ	Ok
10	AR1242ICC1000	PP070003.D	24 Feb 2025 16:53	YP\AJ	Ok
11	AR1242ICC750	PP070004.D	24 Feb 2025 17:09	YP\AJ	Ok,M
12	AR1242ICC500	PP070005.D	24 Feb 2025 17:25	YP\AJ	Ok
13	AR1242ICC250	PP070006.D	24 Feb 2025 17:42	YP\AJ	Ok,M
14	AR1242ICC050	PP070007.D	24 Feb 2025 17:58	YP\AJ	Ok,M
15	AR1248ICC1000	PP070008.D	24 Feb 2025 18:14	YP\AJ	Ok
16	AR1248ICC750	PP070009.D	24 Feb 2025 18:30	YP\AJ	Ok
17	AR1248ICC500	PP070010.D	24 Feb 2025 18:46	YP\AJ	Ok
18	AR1248ICC250	PP070011.D	24 Feb 2025 19:03	YP\AJ	Ok
19	AR1248ICC050	PP070012.D	24 Feb 2025 19:19	YP\AJ	Ok,M
20	AR1254ICC1000	PP070013.D	24 Feb 2025 19:35	YP\AJ	Ok,M
21	AR1254ICC750	PP070014.D	24 Feb 2025 19:51	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

Review By	yogesh	Review On	2/25/2025 9:00:36 AM
Supervise By	Ankita	Supervise On	2/25/2025 9:48:29 AM
SubDirectory	PP022425	HP Acquire Method	HP Processing Method PP022425
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	PP070015.D	24 Feb 2025 20:08	YP\AJ	Ok
23	AR1254ICC250	PP070016.D	24 Feb 2025 20:24	YP\AJ	Ok
24	AR1254ICC050	PP070017.D	24 Feb 2025 20:40	YP\AJ	Ok,M
25	AR1262ICC500	PP070018.D	24 Feb 2025 20:56	YP\AJ	Ok
26	AR1268ICC1000	PP070019.D	24 Feb 2025 21:12	YP\AJ	Ok
27	AR1268ICC750	PP070020.D	24 Feb 2025 21:29	YP\AJ	Ok,M
28	AR1268ICC500	PP070021.D	24 Feb 2025 21:45	YP\AJ	Ok
29	AR1268ICC250	PP070022.D	24 Feb 2025 22:01	YP\AJ	Ok,M
30	AR1268ICC050	PP070023.D	24 Feb 2025 22:17	YP\AJ	Ok,M
31	PP022425ICV500	PP070024.D	24 Feb 2025 22:34	YP\AJ	Ok
32	AR1242ICV500	PP070025.D	24 Feb 2025 22:50	YP\AJ	Ok
33	AR1248ICV500	PP070026.D	24 Feb 2025 23:06	YP\AJ	Ok
34	AR1254ICV500	PP070027.D	24 Feb 2025 23:22	YP\AJ	Ok
35	AR1268ICV500	PP070028.D	24 Feb 2025 23:38	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030625

Review By	yogesh	Review On	3/6/2025 10:54:36 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:33:30 AM
SubDirectory	PP030625	HP Acquire Method	HP Processing Method PP022425
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	PP070294.D	06 Mar 2025 09:16	YP\AJ	Ok
2	AR1660CCC500	PP070295.D	06 Mar 2025 09:51	YP\AJ	Ok
3	AR1242CCC500	PP070296.D	06 Mar 2025 10:09	YP\AJ	Ok,M
4	AR1248CCC500	PP070297.D	06 Mar 2025 10:25	YP\AJ	Ok
5	AR1254CCC500	PP070298.D	06 Mar 2025 10:41	YP\AJ	Ok,M
6	I.BLK	PP070299.D	06 Mar 2025 11:02	YP\AJ	Ok
7	PB167010BL	PP070300.D	06 Mar 2025 12:21	YP\AJ	Ok
8	PB167010BS	PP070301.D	06 Mar 2025 12:37	YP\AJ	Ok
9	Q1490-01	PP070302.D	06 Mar 2025 12:53	YP\AJ	Ok,M
10	Q1494-02	PP070303.D	06 Mar 2025 13:10	YP\AJ	Ok,M
11	Q1494-03	PP070304.D	06 Mar 2025 13:26	YP\AJ	Ok
12	Q1494-05	PP070305.D	06 Mar 2025 13:42	YP\AJ	Ok
13	Q1494-07	PP070306.D	06 Mar 2025 13:59	YP\AJ	Ok
14	Q1497-07MS	PP070307.D	06 Mar 2025 14:15	YP\AJ	Ok,M
15	Q1494-07MSD	PP070308.D	06 Mar 2025 14:31	YP\AJ	Ok,M
16	AR1660CCC500	PP070309.D	06 Mar 2025 15:31	YP\AJ	Ok
17	AR1242CCC500	PP070310.D	06 Mar 2025 15:47	YP\AJ	Ok,M
18	AR1248CCC500	PP070311.D	06 Mar 2025 16:06	YP\AJ	Ok,M
19	AR1254CCC500	PP070312.D	06 Mar 2025 16:22	YP\AJ	Ok,M
20	I.BLK	PP070313.D	06 Mar 2025 16:38	YP\AJ	Ok
21	PB167005BL	PP070314.D	06 Mar 2025 16:55	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030625

Review By	yogesh	Review On	3/6/2025 10:54:36 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:33:30 AM
SubDirectory	PP030625	HP Acquire Method	HP Processing Method PP022425
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	PB167005BS	PP070315.D	06 Mar 2025 17:11	YP\AJ	Ok,M
23	Q1472-01	PP070316.D	06 Mar 2025 17:27	YP\AJ	Not Ok
24	PB167022BL	PP070317.D	06 Mar 2025 17:43	YP\AJ	Ok
25	Q1434-10	PP070318.D	06 Mar 2025 18:00	YP\AJ	Dilution
26	Q1436-02	PP070319.D	06 Mar 2025 18:16	YP\AJ	Dilution
27	Q1436-03	PP070320.D	06 Mar 2025 18:32	YP\AJ	Ok,M
28	Q1436-05	PP070321.D	06 Mar 2025 18:48	YP\AJ	Ok,M
29	Q1436-06	PP070322.D	06 Mar 2025 19:05	YP\AJ	Ok,M
30	Q1436-08	PP070323.D	06 Mar 2025 19:21	YP\AJ	Dilution
31	AR1660CCC500	PP070324.D	06 Mar 2025 20:20	YP\AJ	Ok
32	AR1242CCC500	PP070325.D	06 Mar 2025 20:53	YP\AJ	Ok,M
33	AR1248CCC500	PP070326.D	06 Mar 2025 21:09	YP\AJ	Ok,M
34	AR1254CCC500	PP070327.D	06 Mar 2025 21:25	YP\AJ	Ok,M
35	I.BLK	PP070328.D	06 Mar 2025 21:58	YP\AJ	Ok,M
36	Q1436-09	PP070329.D	06 Mar 2025 22:14	YP\AJ	Ok,M
37	Q1437-01	PP070330.D	06 Mar 2025 22:30	YP\AJ	Dilution
38	Q1437-04	PP070331.D	06 Mar 2025 22:47	YP\AJ	Dilution
39	AR1660CCC500	PP070332.D	06 Mar 2025 23:46	YP\AJ	Ok
40	AR1242CCC500	PP070333.D	07 Mar 2025 00:18	YP\AJ	Ok,M
41	AR1248CCC500	PP070334.D	07 Mar 2025 00:34	YP\AJ	Ok,M
42	AR1254CCC500	PP070335.D	07 Mar 2025 00:51	YP\AJ	Ok,M
43	I.BLK	PP070336.D	07 Mar 2025 01:23	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
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	PP070337.D	07 Mar 2025 08:41	YP\AJ	Ok
2	AR1660CCC500	PP070338.D	07 Mar 2025 08:57	YP\AJ	Ok
3	I.BLK	PP070339.D	07 Mar 2025 09:15	YP\AJ	Ok
4	Q1434-10DL	PP070340.D	07 Mar 2025 09:32	YP\AJ	Ok,M
5	Q1436-02DL	PP070341.D	07 Mar 2025 09:48	YP\AJ	Ok,M
6	Q1436-08DL	PP070342.D	07 Mar 2025 10:04	YP\AJ	Dilution
7	Q1436-08DL2	PP070343.D	07 Mar 2025 10:20	YP\AJ	Ok,M
8	AR1660CCC500	PP070344.D	07 Mar 2025 10:58	YP\AJ	Ok
9	AR1242CCC500	PP070345.D	07 Mar 2025 11:14	YP\AJ	Ok
10	AR1248CCC500	PP070346.D	07 Mar 2025 11:31	YP\AJ	Ok
11	AR1254CCC500	PP070347.D	07 Mar 2025 11:47	YP\AJ	Ok,M
12	I.BLK	PP070348.D	07 Mar 2025 12:03	YP\AJ	Ok
13	PB167005BL	PP070349.D	07 Mar 2025 12:19	YP\AJ	Ok
14	Q1472-01	PP070350.D	07 Mar 2025 12:36	YP\AJ	Ok,M
15	Q1437-01DL	PP070351.D	07 Mar 2025 12:52	YP\AJ	Ok,M
16	Q1437-04DL	PP070352.D	07 Mar 2025 13:08	YP\AJ	Dilution
17	Q1437-04DL2	PP070353.D	07 Mar 2025 13:24	YP\AJ	Ok,M
18	PB167029BL	PP070354.D	07 Mar 2025 13:41	YP\AJ	Ok
19	PB167029BS	PP070355.D	07 Mar 2025 13:57	YP\AJ	Ok
20	Q1437-02	PP070356.D	07 Mar 2025 14:13	YP\AJ	Ok,M
21	Q1437-05	PP070357.D	07 Mar 2025 14:29	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
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	Q1437-08	PP070358.D	07 Mar 2025 14:46	YP\AJ	Ok,M
23	AR1660CCC500	PP070359.D	07 Mar 2025 15:45	YP\AJ	Ok
24	AR1242CCC500	PP070360.D	07 Mar 2025 16:01	YP\AJ	Ok,M
25	AR1248CCC500	PP070361.D	07 Mar 2025 16:18	YP\AJ	Ok,M
26	AR1254CCC500	PP070362.D	07 Mar 2025 16:34	YP\AJ	Ok,M
27	I.BLK	PP070363.D	07 Mar 2025 16:50	YP\AJ	Ok
28	Q1438-01	PP070364.D	07 Mar 2025 17:06	YP\AJ	Ok,M
29	Q1438-09	PP070365.D	07 Mar 2025 17:23	YP\AJ	Ok,M
30	Q1507-01	PP070366.D	07 Mar 2025 17:39	YP\AJ	Ok,M
31	Q1508-01	PP070367.D	07 Mar 2025 17:55	YP\AJ	Ok,M
32	Q1508-01MS	PP070368.D	07 Mar 2025 18:11	YP\AJ	Ok,M
33	Q1508-01MSD	PP070369.D	07 Mar 2025 18:27	YP\AJ	Ok,M
34	Q1514-01	PP070370.D	07 Mar 2025 18:44	YP\AJ	Ok
35	Q1514-03	PP070371.D	07 Mar 2025 19:00	YP\AJ	Ok,M
36	Q1514-05	PP070372.D	07 Mar 2025 19:16	YP\AJ	Ok,M
37	Q1515-01	PP070373.D	07 Mar 2025 19:32	YP\AJ	Ok,M
38	AR1660CCC500	PP070374.D	07 Mar 2025 20:32	YP\AJ	Ok,M
39	AR1242CCC500	PP070375.D	07 Mar 2025 20:48	YP\AJ	Ok,M
40	AR1248CCC500	PP070376.D	07 Mar 2025 21:04	YP\AJ	Ok,M
41	AR1254CCC500	PP070377.D	07 Mar 2025 21:21	YP\AJ	Ok,M
42	I.BLK	PP070378.D	07 Mar 2025 21:37	YP\AJ	Ok,M
43	Q1516-01	PP070379.D	07 Mar 2025 21:53	YP\AJ	Ok,M
44	Q1516-02	PP070380.D	07 Mar 2025 22:09	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
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	Q1518-01	PP070381.D	07 Mar 2025 22:26	YP\AJ	Ok
46	Q1510-01	PP070382.D	07 Mar 2025 22:42	YP\AJ	Ok,M
47	Q1510-02	PP070383.D	07 Mar 2025 22:58	YP\AJ	Ok,M
48	AR1660CCC500	PP070384.D	07 Mar 2025 23:58	YP\AJ	Ok
49	AR1242CCC500	PP070385.D	08 Mar 2025 00:14	YP\AJ	Ok,M
50	AR1248CCC500	PP070386.D	08 Mar 2025 00:30	YP\AJ	Ok,M
51	AR1254CCC500	PP070387.D	08 Mar 2025 00:46	YP\AJ	Ok
52	I.BLK	PP070388.D	08 Mar 2025 01:03	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM
SubDirectory	PO022025	HP Acquire Method	HP Processing Method PO022025

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	PO109424.D	20 Feb 2025 16:09		YP/AJ	Ok
2	I.BLK	I.BLK	PO109425.D	20 Feb 2025 16:28		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO109426.D	20 Feb 2025 16:46		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO109427.D	20 Feb 2025 17:04		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO109428.D	20 Feb 2025 17:23		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO109429.D	20 Feb 2025 17:41		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO109430.D	20 Feb 2025 17:59		YP/AJ	Ok
8	AR1221ICC500	AR1221ICC500	PO109431.D	20 Feb 2025 18:18		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO109432.D	20 Feb 2025 18:36		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO109433.D	20 Feb 2025 18:55		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO109434.D	20 Feb 2025 19:13		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO109435.D	20 Feb 2025 19:31		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO109436.D	20 Feb 2025 19:50		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO109437.D	20 Feb 2025 20:08		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO109438.D	20 Feb 2025 20:26		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO109439.D	20 Feb 2025 20:45		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO109440.D	20 Feb 2025 21:03		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO109441.D	20 Feb 2025 21:21		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM
SubDirectory	PO022025	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PO109442.D	20 Feb 2025 21:40		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO109443.D	20 Feb 2025 21:58		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO109444.D	20 Feb 2025 22:17		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO109445.D	20 Feb 2025 22:35		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO109446.D	20 Feb 2025 22:53		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO109447.D	20 Feb 2025 23:12		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO109448.D	20 Feb 2025 23:30		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO109449.D	20 Feb 2025 23:48		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO109450.D	21 Feb 2025 00:07		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO109451.D	21 Feb 2025 00:25		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO109452.D	21 Feb 2025 00:43		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO109453.D	21 Feb 2025 01:02		YP/AJ	Ok
31	PO022025ICV500	ICVPO022025	PO109454.D	21 Feb 2025 01:20		YP/AJ	Ok
32	AR1242ICV500	ICVPO022025AR1242	PO109455.D	21 Feb 2025 01:38		YP/AJ	Ok
33	AR1248ICV500	ICVPO022025AR1248	PO109456.D	21 Feb 2025 01:57		YP/AJ	Ok
34	AR1254ICV500	ICVPO022025AR1254	PO109457.D	21 Feb 2025 02:15		YP/AJ	Ok
35	AR1268ICV500	ICVPO022025AR1268	PO109458.D	21 Feb 2025 02:34		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022725

Review By	yogesh	Review On	2/28/2025 12:43:01 PM
Supervise By	Ankita	Supervise On	2/28/2025 12:44:27 PM
SubDirectory	PO022725	HP Acquire Method	HP Processing Method PO022025

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	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO109517.D	27 Feb 2025 10:13		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO109518.D	27 Feb 2025 10:32		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO109519.D	27 Feb 2025 10:50		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO109520.D	27 Feb 2025 11:08		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO109521.D	27 Feb 2025 11:27		YP/AJ	Ok
6	I.BLK	I.BLK	PO109522.D	27 Feb 2025 11:45		YP/AJ	Ok
7	PP24209	PP24209	PO109523.D	27 Feb 2025 12:03		YP/AJ	Ok
8	PB166892BL	PB166892BL	PO109524.D	27 Feb 2025 13:16		YP/AJ	Ok
9	PB166892BS	PB166892BS	PO109525.D	27 Feb 2025 13:35		YP/AJ	Ok
10	Q1438-02	K084-15B	PO109526.D	27 Feb 2025 13:53	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
11	Q1438-04	K084-16B	PO109527.D	27 Feb 2025 14:11	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
12	Q1438-06	K084-DUP1	PO109528.D	27 Feb 2025 14:30	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
13	Q1438-07	K084-DUP2	PO109529.D	27 Feb 2025 14:48	AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
14	Q1438-08	K084-DUP3	PO109530.D	27 Feb 2025 15:06	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022725

Review By	yogesh	Review On	2/28/2025 12:43:01 PM
Supervise By	Ankita	Supervise On	2/28/2025 12:44:27 PM
SubDirectory	PO022725	HP Acquire Method	HP Processing Method PO022025

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	

15	Q1438-10	K084-DUP5	PO109531.D	27 Feb 2025 15:25	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
16	Q1440-01	OR-02-022625	PO109532.D	27 Feb 2025 15:43		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO109533.D	27 Feb 2025 17:49		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO109534.D	27 Feb 2025 18:07		YP/AJ	Ok
19	AR1248CCC500	AR1248CCC500	PO109535.D	27 Feb 2025 18:26		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO109536.D	27 Feb 2025 19:53		YP/AJ	Ok
21	I.BLK	I.BLK	PO109537.D	27 Feb 2025 20:12		YP/AJ	Ok
22	Q1441-01	HD-02-022625	PO109538.D	27 Feb 2025 20:30		YP/AJ	Ok
23	Q1442-01	280	PO109539.D	27 Feb 2025 20:49		YP/AJ	Ok
24	Q1442-02	281	PO109540.D	27 Feb 2025 21:07	AR1260 Hit	YP/AJ	Ok
25	Q1442-03	351	PO109541.D	27 Feb 2025 21:26		YP/AJ	Ok
26	Q1442-03MS	351MS	PO109542.D	27 Feb 2025 21:44		YP/AJ	Ok
27	Q1442-03MSD	351MSD	PO109543.D	27 Feb 2025 22:02		YP/AJ	Ok,M
28	Q1443-01	3733	PO109544.D	27 Feb 2025 22:21		YP/AJ	Ok
29	Q1447-01	WC1	PO109545.D	27 Feb 2025 22:39	AR1260 Hit	YP/AJ	Ok,M
30	PB166889BL	PB166889BL	PO109546.D	27 Feb 2025 22:57		YP/AJ	Ok
31	PB166889BS	PB166889BS	PO109547.D	27 Feb 2025 23:16		YP/AJ	Ok
32	AR1660CCC500	AR1660CCC500	PO109548.D	28 Feb 2025 00:02		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO109549.D	28 Feb 2025 00:21		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022725

Review By	yogesh	Review On	2/28/2025 12:43:01 PM
Supervise By	Ankita	Supervise On	2/28/2025 12:44:27 PM
SubDirectory	PO022725	HP Acquire Method	HP Processing Method PO022025
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			

34	AR1248CCC500	AR1248CCC500	PO109550.D	28 Feb 2025 00:38		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO109551.D	28 Feb 2025 00:57		YP/AJ	Ok
36	I.BLK	I.BLK	PO109552.D	28 Feb 2025 01:14		YP/AJ	Ok
37	Q1433-01	K084-1A	PO109553.D	28 Feb 2025 01:32	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
38	Q1433-02	K084-1B	PO109554.D	28 Feb 2025 01:50	will be reanalyzed	YP/AJ	Not Ok
39	Q1433-04	K084-2A	PO109555.D	28 Feb 2025 02:08	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
40	Q1433-05	K084-2B	PO109556.D	28 Feb 2025 02:26	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
41	Q1433-07	K084-3A	PO109557.D	28 Feb 2025 02:45	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
42	Q1433-08	K084-3B	PO109558.D	28 Feb 2025 03:03	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
43	Q1433-10	K084-4A	PO109559.D	28 Feb 2025 03:21	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
44	Q1434-01	K084-4B	PO109560.D	28 Feb 2025 03:39	AR1254,AR1268 hit Need Dilution	YP/AJ	Dilution
45	Q1434-03	K084-5A	PO109561.D	28 Feb 2025 03:57	AR1254, AR1268 hit Need Dilution	YP/AJ	Dilution
46	Q1434-03MS	K084-5AMS	PO109562.D	28 Feb 2025 04:16	DCB High in both column, Recovery Fail	YP/AJ	Ok
47	Q1434-03MSD	K084-5AMSD	PO109563.D	28 Feb 2025 04:34	DCB High in both column, Recovery Fail	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022725

Review By	yogesh	Review On	2/28/2025 12:43:01 PM
Supervise By	Ankita	Supervise On	2/28/2025 12:44:27 PM
SubDirectory	PO022725	HP Acquire Method	HP Processing Method PO022025
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			

48	Q1434-04	K084-5B	PO109564.D	28 Feb 2025 04:52	AR1254, AR1268 hit Need Dilution	YP/AJ	Dilution
49	Q1434-06	K084-6B	PO109565.D	28 Feb 2025 05:11	DCB High in both column, AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
50	Q1434-08	K084-7A	PO109566.D	28 Feb 2025 05:29	DCB High in both column, AR1254 + AR1268 Hit , Need Dilution	YP/AJ	Dilution
51	Q1434-09	K084-7B	PO109567.D	28 Feb 2025 05:46	DCB High in both column, AR1254 + AR1268 Hit , Need Dilution	YP/AJ	Dilution
52	Q1436-01	K084-8A	PO109568.D	28 Feb 2025 06:05	DCB High in both column, AR1254 + AR1268 Hit , Need Dilution	YP/AJ	Dilution
53	Q1436-04	K084-9A	PO109569.D	28 Feb 2025 06:23	DCB High in both column, AR1254 , AR1268 hit Need Dilution	YP/AJ	Dilution
54	Q1436-07	K084-10A	PO109570.D	28 Feb 2025 06:42	DCB High in both column, AR1254, AR1268 hit Need Dilution	YP/AJ	Dilution
55	Q1436-10	K084-11A	PO109571.D	28 Feb 2025 07:00	DCB High in both column, AR1254 + AR1268 Hit , Need Dilution	YP/AJ	Dilution
56	Q1437-03	K084-12A	PO109572.D	28 Feb 2025 07:18	DCB High in both column, AR1254 + AR1268 Hit , Need Dilution	YP/AJ	Dilution
57	AR1660CCC500	AR1660CCC500	PO109573.D	28 Feb 2025 08:19		YP/AJ	Ok
58	I.BLK	I.BLK	PO109574.D	28 Feb 2025 08:38		YP/AJ	Ok,M
59	Q1437-06	K084-13A	PO109575.D	28 Feb 2025 08:55	AR1254 + AR1268 Hit , Need Dilution	YP/AJ	Dilution
60	Q1437-09	K084-14A	PO109576.D	28 Feb 2025 09:14	DCB High in 2nd column,AR1254 + AR1268 Hit , Need Dilution	YP/AJ	Dilution

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022725

Review By	yogesh	Review On	2/28/2025 12:43:01 PM
Supervise By	Ankita	Supervise On	2/28/2025 12:44:27 PM
SubDirectory	PO022725	HP Acquire Method	HP Processing Method PO022025

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	

61	AR1660CC500	AR1660CC500	PO109577.D	28 Feb 2025 10:00		YP/AJ	Ok
62	I.BLK	I.BLK	PO109578.D	28 Feb 2025 10:19		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022825

Review By	yogesh	Review On	3/3/2025 9:32:13 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:55:41 PM
SubDirectory	PO022825	HP Acquire Method	HP Processing Method PO022025

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	AR1660CCC500	AR1660CCC500	PO109579.D	28 Feb 2025 10:57		YP/AJ	Ok
2	I.BLK	I.BLK	PO109580.D	28 Feb 2025 11:16		YP/AJ	Ok
3	Q1438-02DL	K084-15BDL	PO109581.D	28 Feb 2025 11:34	AR1254 + AR1268 Hit, DCB High in both column	YP/AJ	Ok
4	Q1438-04DL	K084-16BDL	PO109582.D	28 Feb 2025 11:52	AR1254 + AR1268 Hit, DCB High in both column	YP/AJ	Ok
5	Q1438-06DL	K084-DUP1DL	PO109583.D	28 Feb 2025 12:10	AR1254 + AR1268 Hit, Need Dilution, all surrogate fail	YP/AJ	Dilution
6	Q1438-06DL2	K084-DUP1DL2	PO109584.D	28 Feb 2025 12:28	AR1254 + AR1268 Hit, all surrogate fail	YP/AJ	Ok,M
7	Q1438-07DL	K084-DUP2DL	PO109585.D	28 Feb 2025 12:47	AR1254 + AR1268 Hit, DCB High in 2nd column, TCMX High in both column	YP/AJ	Ok,M
8	Q1438-08DL	K084-DUP3DL	PO109586.D	28 Feb 2025 13:04	AR1254 + AR1268 Hit, Need Dilution, DCB High in both column	YP/AJ	Dilution
9	Q1438-08DL2	K084-DUP3DL2	PO109587.D	28 Feb 2025 13:22	AR1254 + AR1268 Hit,DCB High in both column	YP/AJ	Ok
10	Q1438-10DL	K084-DUP5DL	PO109588.D	28 Feb 2025 13:41	AR1254 + AR1268 Hit, DCB High in both column, TCMX High in 2nd column	YP/AJ	Ok
11	Q1433-02	K084-1B	PO109589.D	28 Feb 2025 14:13	AR1254 + AR1268 Hit	YP/AJ	Ok
12	Q1433-01DL	K084-1ADL	PO109590.D	28 Feb 2025 14:32	AR1254 + AR1268 Hit, DCB High in both column	YP/AJ	Ok,M
13	Q1433-04DL	K084-2ADL	PO109591.D	28 Feb 2025 15:04	AR1254 + AR1268 Hit, Need Dilution, DCB High in both column	YP/AJ	Dilution
14	Q1433-04DL2	K084-2ADL2	PO109592.D	28 Feb 2025 15:23	AR1254 + AR1268 Hit, DCB High in both column	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022825

Review By	yogesh	Review On	3/3/2025 9:32:13 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:55:41 PM
SubDirectory	PO022825	HP Acquire Method	HP Processing Method PO022025
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			

15	Q1433-05DL	K084-2BDL	PO109593.D	28 Feb 2025 15:41	AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
16	Q1433-05DL2	K084-2BDL2	PO109594.D	28 Feb 2025 15:59	AR1254 + AR1268 Hit, DCB High in both column	YP/AJ	Ok,M
17	Q1433-07DL	K084-3ADL	PO109595.D	28 Feb 2025 16:18	AR1254 + AR1268 Hit, Need Dilution	YP/AJ	Dilution
18	Q1433-07DL2	K084-3ADL2	PO109596.D	28 Feb 2025 16:36	AR1254 + AR1268 Hit, All surrogate High,	YP/AJ	Ok
19	Q1433-08DL	K084-3BDL	PO109597.D	28 Feb 2025 16:54	AR1254 + AR1268 Hit, DCB High in both column	YP/AJ	Ok
20	Q1433-10DL	K084-4ADL	PO109598.D	28 Feb 2025 17:13	AR1254 + AR1268 Hit, Need Dilution,DCB High in both column	YP/AJ	Dilution
21	Q1433-10DL2	K084-4ADL2	PO109599.D	28 Feb 2025 17:31	AR1254 + AR1268 Hit,	YP/AJ	Dilution
22	AR1660CCC500	AR1660CCC500	PO109600.D	28 Feb 2025 18:46		YP/AJ	Ok
23	I.BLK	I.BLK	PO109601.D	28 Feb 2025 19:04		YP/AJ	Ok
24	Q1434-01DL	K084-4BDL	PO109602.D	28 Feb 2025 19:22	AR1254,AR1268 hit , DCB High in both column, not match	YP/AJ	Ok
25	Q1434-03DL	K084-5ADL	PO109603.D	28 Feb 2025 19:40	AR1254, AR1268 hit, DCB High in both column	YP/AJ	Ok
26	Q1434-04DL	K084-5BDL	PO109604.D	28 Feb 2025 19:59	AR1254, AR1268 hit	YP/AJ	Ok
27	Q1434-06DL	K084-6BDL	PO109605.D	28 Feb 2025 20:17	DCB High in both column, AR1254 + AR1268 Hit,	YP/AJ	Ok
28	Q1434-08DL	K084-7ADL	PO109606.D	28 Feb 2025 20:35	AR1254 + AR1268 Hit , Need Dilution,Need to confirm Dilution factor, all surrogate fail	YP/AJ	Not Ok
29	Q1434-09DL	K084-7BDL	PO109607.D	28 Feb 2025 20:54	AR1254 + AR1268 Hit , DCB High in both column	YP/AJ	Ok,M
30	Q1436-01DL	K084-8ADL	PO109608.D	28 Feb 2025 21:12	AR1254 + AR1268 Hit , Need Dilution,	YP/AJ	Dilution

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022825

Review By	yogesh	Review On	3/3/2025 9:32:13 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:55:41 PM
SubDirectory	PO022825	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

31	Q1436-01DL2	K084-8ADL2	PO109609.D	28 Feb 2025 21:30	AR1254 + AR1268 Hit,	YP/AJ	Ok
32	Q1436-04DL	K084-9ADL	PO109610.D	28 Feb 2025 21:49	AR1254 , AR1268 hit, DCB High in both column, not match with original	YP/AJ	Ok
33	Q1436-07DL	K084-10ADL	PO109611.D	28 Feb 2025 22:07	AR1254, AR1268 hit Need Dilution, DCB High in both column	YP/AJ	Dilution
34	Q1436-07DL2	K084-10ADL2	PO109612.D	28 Feb 2025 22:26	AR1254, AR1268 hit,	YP/AJ	Ok
35	Q1436-10DL	K084-11ADL	PO109613.D	28 Feb 2025 22:44	AR1254 + AR1268 Hit , Need Dilution	YP/AJ	Dilution
36	Q1436-10DL2	K084-11ADL2	PO109614.D	28 Feb 2025 23:02	AR1254 + AR1268 Hit	YP/AJ	Ok
37	Q1437-03DL	K084-12ADL	PO109615.D	28 Feb 2025 23:21	AR1254 + AR1268 Hit , Need Dilution, DCB High in both column	YP/AJ	Dilution
38	Q1437-03DL2	K084-12ADL2	PO109616.D	28 Feb 2025 23:39	AR1254 + AR1268 Hit, DCB High in both column	YP/AJ	Ok,M
39	Q1437-06DL	K084-13ADL	PO109617.D	28 Feb 2025 23:58	AR1254 + AR1268 Hit , DCB High in both column	YP/AJ	Ok
40	Q1437-09DL	K084-14ADL	PO109618.D	01 Mar 2025 00:15	DCB High in both column,AR1254 + AR1268 Hit, DCB not match with original, pls confirm	YP/AJ	Ok
41	AR1660CCC500	AR1660CCC500	PO109619.D	01 Mar 2025 01:30		YP/AJ	Ok,M
42	I.BLK	I.BLK	PO109620.D	01 Mar 2025 01:49		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	HP Acquire Method	HP Processing Method PO022025

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	PO109647.D	06 Mar 2025 09:28		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO109648.D	06 Mar 2025 10:05		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO109649.D	06 Mar 2025 10:24		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO109650.D	06 Mar 2025 10:42		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO109651.D	06 Mar 2025 11:00		YP/AJ	Ok
6	I.BLK	I.BLK	PO109652.D	06 Mar 2025 11:20		YP/AJ	Ok
7	PB167003BL	PB167003BL	PO109653.D	06 Mar 2025 12:29		YP/AJ	Ok
8	PB167003BS	PB167003BS	PO109654.D	06 Mar 2025 12:47		YP/AJ	Ok
9	Q1498-01	4A-4B-4C-1928 BLD-W	PO109655.D	06 Mar 2025 13:06		YP/AJ	Ok,M
10	Q1498-02	5A-5B-5C-1985 BLDG	PO109656.D	06 Mar 2025 13:24		YP/AJ	Ok,M
11	Q1498-03	6A-6B-6C-1985	PO109657.D	06 Mar 2025 13:43		YP/AJ	Ok
12	Q1498-04	7A-7B-7C-ROOF-5	PO109658.D	06 Mar 2025 14:01		YP/AJ	Ok,M
13	Q1498-05	8A-8B-8C-ROOF-5	PO109659.D	06 Mar 2025 14:20		YP/AJ	Ok
14	Q1498-06	9A-9B-9C-ROOF-6	PO109660.D	06 Mar 2025 14:37		YP/AJ	Ok
15	Q1498-07	10A-10B-10C-ROOF-6	PO109661.D	06 Mar 2025 14:55		YP/AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PO109662.D	06 Mar 2025 16:11		YP/AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PO109663.D	06 Mar 2025 16:47		YP/AJ	Ok
18	AR1248CCC500	AR1248CCC500	PO109664.D	06 Mar 2025 17:06		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1254CCC500	AR1254CCC500	PO109665.D	06 Mar 2025 17:24		YP/AJ	Ok
20	I.BLK	I.BLK	PO109666.D	06 Mar 2025 18:01		YP/AJ	Ok
21	PB167009BL	PB167009BL	PO109667.D	06 Mar 2025 18:19		YP/AJ	Ok
22	PB167009BS	PB167009BS	PO109668.D	06 Mar 2025 18:38		YP/AJ	Ok
23	PB167009BSD	PB167009BSD	PO109669.D	06 Mar 2025 18:56		YP/AJ	Ok
24	Q1488-13	ENV-102-GW01	PO109670.D	06 Mar 2025 19:15		YP/AJ	Ok
25	Q1488-14	ENV-104-GW01	PO109671.D	06 Mar 2025 19:33		YP/AJ	Ok
26	Q1494-01	PURGE-WATER	PO109672.D	06 Mar 2025 19:51		YP/AJ	Ok
27	Q1437-07	K084-13B	PO109673.D	06 Mar 2025 20:10	AR1254 + AR1268 Hit, Need 5x Dilution	YP/AJ	Dilution
28	Q1437-10	K084-14B	PO109674.D	06 Mar 2025 20:28	AR1254 + AR1268 Hit	YP/AJ	Ok,M
29	Q1438-03	K084-15C	PO109675.D	06 Mar 2025 20:47	AR1254 + AR1268 Hit, Need 20x Dilution	YP/AJ	Dilution
30	Q1438-05	K084-16C	PO109676.D	06 Mar 2025 21:04	AR1254 + AR1268 Hit, Need 10x Dilution	YP/AJ	Dilution
31	AR1660CCC500	AR1660CCC500	PO109677.D	06 Mar 2025 22:19		YP/AJ	Ok,M
32	AR1242CCC500	AR1242CCC500	PO109678.D	06 Mar 2025 22:56		YP/AJ	Ok
33	AR1248CCC500	AR1248CCC500	PO109679.D	06 Mar 2025 23:14		YP/AJ	Ok
34	AR1254CCC500	AR1254CCC500	PO109680.D	06 Mar 2025 23:33		YP/AJ	Ok
35	I.BLK	I.BLK	PO109681.D	07 Mar 2025 00:09		YP/AJ	Ok
36	PB167022BL	PB167022BL	PO109682.D	07 Mar 2025 00:28		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	HP Acquire Method	HP Processing Method PO022025
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			

37	PB167022BS	PB167022BS	PO109683.D	07 Mar 2025 00:46		YP/AJ	Ok
38	Q1433-03	K084-1C	PO109684.D	07 Mar 2025 01:05	AR1254 + AR1268 Hit	YP/AJ	Ok,M
39	Q1433-06	K084-2C	PO109685.D	07 Mar 2025 01:23	AR1254 + AR1268 Hit, Need 2x Dilution	YP/AJ	Dilution
40	Q1433-09	K084-3C	PO109686.D	07 Mar 2025 01:41	AR1254 + AR1268 Hit, Need 4x dilution	YP/AJ	Dilution
41	Q1434-02	K084-4C	PO109687.D	07 Mar 2025 02:00	AR1254 + AR1268 Hit, Need 5x dilution	YP/AJ	Dilution
42	Q1434-02MS	K084-4CMS	PO109688.D	07 Mar 2025 02:18	AR1660 Recovery Fai	YP/AJ	Ok,M
43	Q1434-02MSD	K084-4CMSD	PO109689.D	07 Mar 2025 02:37		YP/AJ	Ok,M
44	Q1434-05	K084-5C	PO109690.D	07 Mar 2025 02:55	AR1254 + AR1268 Hit, Need 5x dilution	YP/AJ	Dilution
45	Q1434-07	K084-6C	PO109691.D	07 Mar 2025 03:13	AR1254 + AR1268 Hit, need 4x dilution, DCB High in both column	YP/AJ	Dilution
46	AR1660CCC500	AR1660CCC500	PO109692.D	07 Mar 2025 04:29		YP/AJ	Ok,M
47	AR1242CCC500	AR1242CCC500	PO109693.D	07 Mar 2025 05:05		YP/AJ	Ok
48	AR1248CCC500	AR1248CCC500	PO109694.D	07 Mar 2025 05:24		YP/AJ	Ok
49	AR1254CCC500	AR1254CCC500	PO109695.D	07 Mar 2025 05:42		YP/AJ	Ok,M
50	I.BLK	I.BLK	PO109696.D	07 Mar 2025 06:19		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method

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	PO109697.D	07 Mar 2025 08:40		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO109698.D	07 Mar 2025 08:58		YP/AJ	Ok
3	I.BLK	I.BLK	PO109699.D	07 Mar 2025 09:17		YP/AJ	Ok
4	Q1437-07DL	K084-13BDL	PO109700.D	07 Mar 2025 09:36	AR1254 + AR1268 Hit	YP/AJ	Ok
5	Q1438-03DL	K084-15CDL	PO109701.D	07 Mar 2025 09:55	AR1254 + AR1268 Hit, All Surrogate Fai	YP/AJ	Ok
6	Q1438-05DL	K084-16CDL	PO109702.D	07 Mar 2025 10:12	AR1254 + AR1268 Hit, DCB High in both column, TCMX high in 2nd column	YP/AJ	Ok
7	Q1433-06DL	K084-2CDL	PO109703.D	07 Mar 2025 10:29	AR1254 + AR1268 Hit	YP/AJ	Ok
8	Q1433-09DL	K084-3CDL	PO109704.D	07 Mar 2025 10:48	AR1254 + AR1268 Hit	YP/AJ	Ok
9	Q1434-02DL	K084-4CDL	PO109705.D	07 Mar 2025 11:06	Reanalyzed in this sequence	YP/AJ	Not Ok
10	Q1434-05DL	K084-5CDL	PO109706.D	07 Mar 2025 11:24	AR1254 + AR1268 Hit, TCMX High in both column	YP/AJ	Ok
11	Q1434-07DL	K084-6CDL	PO109707.D	07 Mar 2025 11:43	AR1254 + AR1268 Hit, DCB High in both column	YP/AJ	Ok
12	AR1660CCC500	AR1660CCC500	PO109708.D	07 Mar 2025 12:30		YP/AJ	Ok
13	AR1242CCC500	AR1242CCC500	PO109709.D	07 Mar 2025 12:48		YP/AJ	Ok
14	AR1248CCC500	AR1248CCC500	PO109710.D	07 Mar 2025 13:05		YP/AJ	Ok
15	AR1254CCC500	AR1254CCC500	PO109711.D	07 Mar 2025 13:24		YP/AJ	Ok
16	I.BLK	I.BLK	PO109712.D	07 Mar 2025 13:42		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method
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			

17	PB167025BL	PB167025BL	PO109713.D	07 Mar 2025 14:00		YP/AJ	Ok
18	PB167025BS	PB167025BS	PO109714.D	07 Mar 2025 14:19		YP/AJ	Ok
19	Q1509-01	HIH088X-1-1	PO109715.D	07 Mar 2025 14:37	AR1254 Hit	YP/AJ	Ok,M
20	Q1509-02	HIH088X-1-2	PO109716.D	07 Mar 2025 14:56	AR1254 hit	YP/AJ	Ok,M
21	Q1520-01	BC248121-1-1	PO109717.D	07 Mar 2025 15:14	AR1254 hit	YP/AJ	Ok,M
22	Q1520-02	BC248121-1-2	PO109718.D	07 Mar 2025 15:32		YP/AJ	Ok,M
23	Q1520-03	BC260492-1-1	PO109719.D	07 Mar 2025 15:51		YP/AJ	Ok,M
24	Q1520-04	BC260492-1-2	PO109720.D	07 Mar 2025 16:09		YP/AJ	Ok,M
25	Q1520-05	JEH488H-1-1	PO109721.D	07 Mar 2025 16:28		YP/AJ	Ok,M
26	Q1520-06	JEH488H-1-2	PO109722.D	07 Mar 2025 16:46		YP/AJ	Ok,M
27	AR1660CCC500	AR1660CCC500	PO109723.D	07 Mar 2025 17:33		YP/AJ	Ok
28	AR1242CCC500	AR1242CCC500	PO109724.D	07 Mar 2025 17:50		YP/AJ	Ok
29	AR1248CCC500	AR1248CCC500	PO109725.D	07 Mar 2025 18:08		YP/AJ	Ok
30	AR1254CCC500	AR1254CCC500	PO109726.D	07 Mar 2025 18:27		YP/AJ	Ok
31	I.BLK	I.BLK	PO109727.D	07 Mar 2025 18:45		YP/AJ	Ok
32	PB167028BL	PB167028BL	PO109728.D	07 Mar 2025 19:04		YP/AJ	Ok
33	PB167028BS	PB167028BS	PO109729.D	07 Mar 2025 19:22		YP/AJ	Ok
34	PB167028BSD	PB167028BSD	PO109730.D	07 Mar 2025 19:40		YP/AJ	Ok
35	Q1514-07	ENV-105-GW01	PO109731.D	07 Mar 2025 19:59		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

36	Q1514-08	ENV-103-GW01	PO109732.D	07 Mar 2025 20:17		YP/AJ	Ok
37	Q1514-09	FB03062025	PO109733.D	07 Mar 2025 20:35		YP/AJ	Ok
38	Q1516-03	GAS-AUD-25-0026	PO109734.D	07 Mar 2025 20:54		YP/AJ	Ok
39	Q1517-01	MOO-25-0062	PO109735.D	07 Mar 2025 21:12		YP/AJ	Ok,M
40	Q1434-02DL	K084-4CDL	PO109736.D	07 Mar 2025 21:31	AR1254 + AR1268 Hit	YP/AJ	Ok,M
41	AR1660CCC500	AR1660CCC500	PO109737.D	07 Mar 2025 22:17		YP/AJ	Ok
42	AR1242CCC500	AR1242CCC500	PO109738.D	07 Mar 2025 22:36		YP/AJ	Ok
43	AR1248CCC500	AR1248CCC500	PO109739.D	07 Mar 2025 22:54		YP/AJ	Ok
44	AR1254CCC500	AR1254CCC500	PO109740.D	07 Mar 2025 23:11		YP/AJ	Ok
45	I.BLK	I.BLK	PO109741.D	07 Mar 2025 23:30		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

Review By	yogesh	Review On	2/25/2025 9:00:36 AM
Supervise By	Ankita	Supervise On	2/25/2025 9:48:29 AM
SubDirectory	PP022425	HP Acquire Method	HP Processing Method PP022425
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	PP069994.D	24 Feb 2025 14:27		YP\AJ	Ok
2	I.BLK	I.BLK	PP069995.D	24 Feb 2025 14:43		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP069996.D	24 Feb 2025 14:59		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP069997.D	24 Feb 2025 15:15		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP069998.D	24 Feb 2025 15:32		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP069999.D	24 Feb 2025 15:48		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP070000.D	24 Feb 2025 16:04		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP070001.D	24 Feb 2025 16:20		YP\AJ	Ok,M
9	AR1232ICC500	AR1232ICC500	PP070002.D	24 Feb 2025 16:37		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP070003.D	24 Feb 2025 16:53		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP070004.D	24 Feb 2025 17:09		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP070005.D	24 Feb 2025 17:25		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP070006.D	24 Feb 2025 17:42		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP070007.D	24 Feb 2025 17:58		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP070008.D	24 Feb 2025 18:14		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP070009.D	24 Feb 2025 18:30		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP070010.D	24 Feb 2025 18:46		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP070011.D	24 Feb 2025 19:03		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

Review By	yogesh	Review On	2/25/2025 9:00:36 AM
Supervise By	Ankita	Supervise On	2/25/2025 9:48:29 AM
SubDirectory	PP022425	HP Acquire Method	HP Processing Method PP022425
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	PP070012.D	24 Feb 2025 19:19		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP070013.D	24 Feb 2025 19:35		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP070014.D	24 Feb 2025 19:51		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP070015.D	24 Feb 2025 20:08		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP070016.D	24 Feb 2025 20:24		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP070017.D	24 Feb 2025 20:40		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP070018.D	24 Feb 2025 20:56		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP070019.D	24 Feb 2025 21:12		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP070020.D	24 Feb 2025 21:29		YPIAJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP070021.D	24 Feb 2025 21:45		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP070022.D	24 Feb 2025 22:01		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP070023.D	24 Feb 2025 22:17		YPIAJ	Ok,M
31	PP022425ICV500	ICVPP022425	PP070024.D	24 Feb 2025 22:34		YPIAJ	Ok
32	AR1242ICV500	ICVPP022425AR1242	PP070025.D	24 Feb 2025 22:50		YPIAJ	Ok
33	AR1248ICV500	ICVPP022425AR1248	PP070026.D	24 Feb 2025 23:06		YPIAJ	Ok
34	AR1254ICV500	ICVPP022425AR1254	PP070027.D	24 Feb 2025 23:22		YPIAJ	Ok
35	AR1268ICV500	ICVPP022425AR1268	PP070028.D	24 Feb 2025 23:38		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030625

Review By	yogesh	Review On	3/6/2025 10:54:36 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:33:30 AM
SubDirectory	PP030625	HP Acquire Method	HP Processing Method PP022425
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	PP070294.D	06 Mar 2025 09:16		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP070295.D	06 Mar 2025 09:51		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP070296.D	06 Mar 2025 10:09		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP070297.D	06 Mar 2025 10:25		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP070298.D	06 Mar 2025 10:41		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP070299.D	06 Mar 2025 11:02		YP\AJ	Ok
7	PB167010BL	PB167010BL	PP070300.D	06 Mar 2025 12:21		YP\AJ	Ok
8	PB167010BS	PB167010BS	PP070301.D	06 Mar 2025 12:37		YP\AJ	Ok
9	Q1490-01	CLAY-SLUDGE-DRUM	PP070302.D	06 Mar 2025 12:53	AR1260 Hit	YP\AJ	Ok,M
10	Q1494-02	ASPHALT	PP070303.D	06 Mar 2025 13:10		YP\AJ	Ok,M
11	Q1494-03	ASPHALT-SOIL	PP070304.D	06 Mar 2025 13:26		YP\AJ	Ok
12	Q1494-05	SOIL	PP070305.D	06 Mar 2025 13:42		YP\AJ	Ok
13	Q1494-07	SOIL-COMP	PP070306.D	06 Mar 2025 13:59		YP\AJ	Ok
14	Q1497-07MS	Q1497-07MS	PP070307.D	06 Mar 2025 14:15		YP\AJ	Ok,M
15	Q1494-07MSD	SOIL-COMPMSD	PP070308.D	06 Mar 2025 14:31		YP\AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP070309.D	06 Mar 2025 15:31		YP\AJ	Ok
17	AR1242CCC500	AR1242CCC500	PP070310.D	06 Mar 2025 15:47		YP\AJ	Ok,M
18	AR1248CCC500	AR1248CCC500	PP070311.D	06 Mar 2025 16:06		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030625

Review By	yogesh	Review On	3/6/2025 10:54:36 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:33:30 AM
SubDirectory	PP030625	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1254CCC500	AR1254CCC500	PP070312.D	06 Mar 2025 16:22		YPIAJ	Ok,M
20	I.BLK	I.BLK	PP070313.D	06 Mar 2025 16:38		YPIAJ	Ok
21	PB167005BL	PB167005BL	PP070314.D	06 Mar 2025 16:55		YPIAJ	Ok
22	PB167005BS	PB167005BS	PP070315.D	06 Mar 2025 17:11		YPIAJ	Ok,M
23	Q1472-01	40308	PP070316.D	06 Mar 2025 17:27	TCMX High in both column, NEED clean up	YPIAJ	Not Ok
24	PB167022BL	PB167022BL	PP070317.D	06 Mar 2025 17:43		YPIAJ	Ok
25	Q1434-10	K084-7C	PP070318.D	06 Mar 2025 18:00	AR1254 + AR1268 Hit, Need dilution 2X	YPIAJ	Dilution
26	Q1436-02	K084-8B	PP070319.D	06 Mar 2025 18:16	AR1254 + AR1268 Hit, Need dilution 2X	YPIAJ	Dilution
27	Q1436-03	K084-8C	PP070320.D	06 Mar 2025 18:32	AR1254 + AR1268 Hit	YPIAJ	Ok,M
28	Q1436-05	K084-9B	PP070321.D	06 Mar 2025 18:48	AR1254 + AR1268 Hit,	YPIAJ	Ok,M
29	Q1436-06	K084-9C	PP070322.D	06 Mar 2025 19:05	AR1254 + AR1268 Hit,	YPIAJ	Ok,M
30	Q1436-08	K084-10B	PP070323.D	06 Mar 2025 19:21	AR1254 + AR1268 Hit, Need dilution , 2X,10X DCB High in both column	YPIAJ	Dilution
31	AR1660CCC500	AR1660CCC500	PP070324.D	06 Mar 2025 20:20		YPIAJ	Ok
32	AR1242CCC500	AR1242CCC500	PP070325.D	06 Mar 2025 20:53		YPIAJ	Ok,M
33	AR1248CCC500	AR1248CCC500	PP070326.D	06 Mar 2025 21:09		YPIAJ	Ok,M
34	AR1254CCC500	AR1254CCC500	PP070327.D	06 Mar 2025 21:25		YPIAJ	Ok,M
35	I.BLK	I.BLK	PP070328.D	06 Mar 2025 21:58		YPIAJ	Ok,M
36	Q1436-09	K084-10C	PP070329.D	06 Mar 2025 22:14	AR1254 + AR1268 Hit,	YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030625

Review By	yogesh	Review On	3/6/2025 10:54:36 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:33:30 AM
SubDirectory	PP030625	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

37	Q1437-01	K084-11B	PP070330.D	06 Mar 2025 22:30	AR1254 + AR1268 Hit, Need dilution 20X	YP\AJ	Dilution
38	Q1437-04	K084-12B	PP070331.D	06 Mar 2025 22:47	AR1254 + AR1268 Hit, Need dilution, 2X, 20X DCB High in both column	YP\AJ	Dilution
39	AR1660CCC500	AR1660CCC500	PP070332.D	06 Mar 2025 23:46		YP\AJ	Ok
40	AR1242CCC500	AR1242CCC500	PP070333.D	07 Mar 2025 00:18		YP\AJ	Ok,M
41	AR1248CCC500	AR1248CCC500	PP070334.D	07 Mar 2025 00:34		YP\AJ	Ok,M
42	AR1254CCC500	AR1254CCC500	PP070335.D	07 Mar 2025 00:51		YP\AJ	Ok,M
43	I.BLK	I.BLK	PP070336.D	07 Mar 2025 01:23		YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425

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	PP070337.D	07 Mar 2025 08:41		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP070338.D	07 Mar 2025 08:57		YPIAJ	Ok
3	I.BLK	I.BLK	PP070339.D	07 Mar 2025 09:15		YPIAJ	Ok
4	Q1434-10DL	K084-7CDL	PP070340.D	07 Mar 2025 09:32	AR1254 + AR1268 Hit	YPIAJ	Ok,M
5	Q1436-02DL	K084-8BDL	PP070341.D	07 Mar 2025 09:48	AR1254 + AR1268 Hit	YPIAJ	Ok,M
6	Q1436-08DL	K084-10BDL	PP070342.D	07 Mar 2025 10:04	AR1254 + AR1268 Hit, Need dilution	YPIAJ	Dilution
7	Q1436-08DL2	K084-10BDL2	PP070343.D	07 Mar 2025 10:20	AR1254 + AR1268 Hit	YPIAJ	Ok,M
8	AR1660CCC500	AR1660CCC500	PP070344.D	07 Mar 2025 10:58		YPIAJ	Ok
9	AR1242CCC500	AR1242CCC500	PP070345.D	07 Mar 2025 11:14		YPIAJ	Ok
10	AR1248CCC500	AR1248CCC500	PP070346.D	07 Mar 2025 11:31		YPIAJ	Ok
11	AR1254CCC500	AR1254CCC500	PP070347.D	07 Mar 2025 11:47		YPIAJ	Ok,M
12	I.BLK	I.BLK	PP070348.D	07 Mar 2025 12:03		YPIAJ	Ok
13	PB167005BL	PB167005BL	PP070349.D	07 Mar 2025 12:19		YPIAJ	Ok
14	Q1472-01	40308	PP070350.D	07 Mar 2025 12:36	TCMX High 2nd column	YPIAJ	Ok,M
15	Q1437-01DL	K084-11BDL	PP070351.D	07 Mar 2025 12:52	AR1254 + AR1268 Hit, DCB High in both column, TCMX high in 2nd column	YPIAJ	Ok,M
16	Q1437-04DL	K084-12BDL	PP070352.D	07 Mar 2025 13:08	AR1254 + AR1268 Hit, Need dilution 20x	YPIAJ	Dilution

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
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			

17	Q1437-04DL2	K084-12BDL2	PP070353.D	07 Mar 2025 13:24	AR1254 + AR1268 Hit, All Surrogate High	YPIAJ	Ok,M
18	PB167029BL	PB167029BL	PP070354.D	07 Mar 2025 13:41		YPIAJ	Ok
19	PB167029BS	PB167029BS	PP070355.D	07 Mar 2025 13:57		YPIAJ	Ok
20	Q1437-02	K084-11C	PP070356.D	07 Mar 2025 14:13	AR1254 + AR1268 Hit,	YPIAJ	Ok,M
21	Q1437-05	K084-12C	PP070357.D	07 Mar 2025 14:29	AR1254 + AR1268 Hit	YPIAJ	Ok
22	Q1437-08	K084-13C	PP070358.D	07 Mar 2025 14:46	AR1254 + AR1268 Hit	YPIAJ	Ok,M
23	AR1660CCC500	AR1660CCC500	PP070359.D	07 Mar 2025 15:45		YPIAJ	Ok
24	AR1242CCC500	AR1242CCC500	PP070360.D	07 Mar 2025 16:01		YPIAJ	Ok,M
25	AR1248CCC500	AR1248CCC500	PP070361.D	07 Mar 2025 16:18		YPIAJ	Ok,M
26	AR1254CCC500	AR1254CCC500	PP070362.D	07 Mar 2025 16:34		YPIAJ	Ok,M
27	I.BLK	I.BLK	PP070363.D	07 Mar 2025 16:50		YPIAJ	Ok
28	Q1438-01	K084-14C	PP070364.D	07 Mar 2025 17:06	AR1254 + AR1268 Hit	YPIAJ	Ok,M
29	Q1438-09	K084-DUP4	PP070365.D	07 Mar 2025 17:23	AR1254 Hit	YPIAJ	Ok,M
30	Q1507-01	50-MIDDLESEX-AVE	PP070366.D	07 Mar 2025 17:39	AR1254 Hit	YPIAJ	Ok,M
31	Q1508-01	RBR251372	PP070367.D	07 Mar 2025 17:55	AR1254 Hit	YPIAJ	Ok,M
32	Q1508-01MS	RBR251372MS	PP070368.D	07 Mar 2025 18:11		YPIAJ	Ok,M
33	Q1508-01MSD	RBR251372MSD	PP070369.D	07 Mar 2025 18:27		YPIAJ	Ok,M
34	Q1514-01	ENV-105-SB01	PP070370.D	07 Mar 2025 18:44		YPIAJ	Ok
35	Q1514-03	ENV-105-SB02	PP070371.D	07 Mar 2025 19:00		YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

36	Q1514-05	ENV-103-SB01	PP070372.D	07 Mar 2025 19:16	AR1254 + AR1260 Hit	YPIAJ	Ok,M
37	Q1515-01	AU-06-030625	PP070373.D	07 Mar 2025 19:32		YPIAJ	Ok,M
38	AR1660CCC500	AR1660CCC500	PP070374.D	07 Mar 2025 20:32		YPIAJ	Ok,M
39	AR1242CCC500	AR1242CCC500	PP070375.D	07 Mar 2025 20:48		YPIAJ	Ok,M
40	AR1248CCC500	AR1248CCC500	PP070376.D	07 Mar 2025 21:04		YPIAJ	Ok,M
41	AR1254CCC500	AR1254CCC500	PP070377.D	07 Mar 2025 21:21		YPIAJ	Ok,M
42	I.BLK	I.BLK	PP070378.D	07 Mar 2025 21:37		YPIAJ	Ok,M
43	Q1516-01	GAS-AUD-25-0004	PP070379.D	07 Mar 2025 21:53	AR1254 Hit	YPIAJ	Ok,M
44	Q1516-02	GAS-AUD-25-0025	PP070380.D	07 Mar 2025 22:09		YPIAJ	Ok,M
45	Q1518-01	OILY-DEBRIS-COMP	PP070381.D	07 Mar 2025 22:26		YPIAJ	Ok
46	Q1510-01	FMC-25-0001-0005	PP070382.D	07 Mar 2025 22:42	DCB High in 2nd column	YPIAJ	Ok,M
47	Q1510-02	FMC-25-0006	PP070383.D	07 Mar 2025 22:58	DCB High in 2nd column,	YPIAJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PP070384.D	07 Mar 2025 23:58		YPIAJ	Ok
49	AR1242CCC500	AR1242CCC500	PP070385.D	08 Mar 2025 00:14		YPIAJ	Ok,M
50	AR1248CCC500	AR1248CCC500	PP070386.D	08 Mar 2025 00:30		YPIAJ	Ok,M
51	AR1254CCC500	AR1254CCC500	PP070387.D	08 Mar 2025 00:46		YPIAJ	Ok
52	I.BLK	I.BLK	PP070388.D	08 Mar 2025 01:03		YPIAJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 02/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 02/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134830

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
Q1433-01	K084-1A	1	1.14	8.53	9.67	8.22	83.0	
Q1433-02	K084-1B	2	1.15	8.57	9.72	4.33	37.1	
Q1433-04	K084-2A	3	1.15	8.50	9.65	9.3	95.9	
Q1433-05	K084-2B	4	1.16	8.76	9.92	8.54	84.2	
Q1433-07	K084-3A	5	1.12	8.51	9.63	8.98	92.4	
Q1433-08	K084-3B	6	1.16	8.76	9.92	7.93	77.3	
Q1433-10	K084-4A	7	1.14	8.64	9.78	8.67	87.2	
Q1434-01	K084-4B	8	1.16	8.71	9.87	7.42	71.9	
Q1434-03	K084-5A	9	1.15	8.36	9.51	8.86	92.2	
Q1434-04	K084-5B	10	1.15	8.74	9.89	8.3	81.8	
Q1434-06	K084-6B	11	1.16	8.63	9.79	7.2	70.0	
Q1434-08	K084-7A	12	1.19	8.66	9.85	8.36	82.8	
Q1434-09	K084-7B	13	1.15	8.83	9.98	7.3	69.6	
Q1436-01	K084-8A	14	1.17	8.58	9.75	8.31	83.2	
Q1436-04	K084-9A	15	1.16	8.44	9.6	7.74	78.0	
Q1436-07	K084-10A	16	1.19	8.46	9.65	8.28	83.8	
Q1436-10	K084-11A	17	1.18	8.43	9.61	8.78	90.2	
Q1437-03	K084-12A	18	1.16	8.72	9.88	7.66	74.5	
Q1437-06	K084-13A	19	1.19	8.43	9.62	7.93	80.0	
Q1437-09	K084-14A	20	1.15	8.69	9.84	7.89	77.6	
Q1437-09D	K084-14ADUP	21	1.16	8.70	9.86	7.9	77.5	
Q1438-02	K084-15B	22	1.12	8.70	9.82	7.54	73.8	
Q1438-04	K084-16B	23	1.16	8.40	9.56	7.77	78.7	
Q1438-06	K084-DUP1	24	1.55	8.00	9.55	8.16	82.6	
Q1438-07	K084-DUP2	25	1.16	8.75	9.91	7.07	67.5	
Q1438-08	K084-DUP3	26	1.13	8.48	9.61	8.29	84.4	
Q1438-10	K084-DUP5	27	1.15	8.81	9.96	8.18	79.8	
Q1451-01	VNJ208	48	1.00	1.00	2.00	2.00	100.0	CONCRETE sample



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 02/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 02/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134830

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
Q1453-01	MOO-25-0061	28	1.17	8.53	9.7	9.24	94.6	
Q1454-03	LAW-25-0043	47	1.00	1.00	2.00	2.00	100.0	oil sample
Q1457-01	HR-0-02272025	29	1.15	8.40	9.55	9.02	93.7	
Q1457-02	HR-0-02272025-E2	30	1.17	8.59	9.76	9.19	93.4	
Q1458-01	SP-SOIL	31	1.15	8.79	9.94	8.92	88.4	
Q1458-02	SP-SOIL-VOC	32	1.13	8.67	9.8	9.33	94.6	
Q1460-01	60270	33	1.15	8.48	9.63	9.39	97.2	
Q1461-01	KMH391J-1-1	34	1.00	1.00	2.00	2.00	100.0	oilc
Q1461-02	KMH391J-1-2	35	1.00	1.00	2.00	2.00	100.0	oilc
Q1463-01	TP1	36	1.12	8.70	9.82	9.31	94.1	
Q1463-02	TP2	37	1.13	8.70	9.83	9.35	94.5	
Q1463-03	TP3	38	1.18	8.37	9.55	8.69	89.7	
Q1463-04	TP4	39	1.15	8.60	9.75	9.16	93.1	
Q1463-05	TP5	40	1.13	8.44	9.57	8.89	91.9	
Q1463-05D	TP5DUP	41	1.14	8.45	9.59	8.9	91.8	
Q1463-06	TP6	42	1.13	8.68	9.81	9.34	94.6	
Q1463-07	TP7	43	1.16	8.56	9.72	9.22	94.2	
Q1463-08	TP8	44	1.15	8.82	9.97	9.37	93.2	
Q1463-09	TP9	45	1.15	8.67	9.82	9.26	93.5	
Q1463-10	TP10	46	1.13	8.86	9.99	9.35	92.8	
Q1464-01	COMP-1	49	1.13	8.64	9.77	5.87	54.9	
Q1464-02	COMP-2	50	1.00	1.00	2.00	2.00	100.0	debris
Q1464-03	KMA920X-1-1	51	1.00	1.00	2.00	2.00	100.0	oilc
Q1464-04	KMA920X-1-2	52	1.00	1.00	2.00	2.00	100.0	oilc
Q1465-01	ST-OILY-DEBRIS	53	1.00	1.00	2.00	2.00	100.0	debris
Q1465-02	W11-6327	54	1.00	1.00	2.00	2.00	100.0	oil sample

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

WORKLIST(Hardcopy Internal Chain)

134830

WorkList Name : %1-022725

WorkList ID : 187919

Department : Wet-Chemistry

Date : 02-27-2025 08:22:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1463-01	TP1	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1463-02	TP2	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1463-03	TP3	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1463-04	TP4	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1463-05	TP5	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1463-06	TP6	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1463-07	TP7	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1463-08	TP8	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1463-09	TP9	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1463-10	TP10	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	02/27/2025	Chemtech -SO
Q1433-01	K084-1A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1433-02	K084-1B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1433-04	K084-2A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1433-05	K084-2B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1433-07	K084-3A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1433-08	K084-3B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1438-08	K084-DUP3	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1438-10	K084-DUP5	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-06	K084-13A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-09	K084-14A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1438-02	K084-15B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO

Date/Time 02/27/25 16:15

Raw Sample Received by: JP WOC

Raw Sample Relinquished by: JP WOC

Date/Time 02/27/25

Raw Sample Received by: JP WOC

Raw Sample Relinquished by: JP WOC

WORKLIST(Hardcopy Internal Chain)

134830

WorkList Name : %1-022725

WorkList ID : 187919

Department : Wet-Chemistry

Date : 02-27-2025 08:22:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1438-04	K084-16B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1438-06	K084-DUP1	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1438-07	K084-DUP2	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-09	K084-7B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-01	K084-8A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-04	K084-9A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-07	K084-10A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-10	K084-11A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-03	K084-12A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1433-10	K084-4A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-01	K084-4B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-03	K084-5A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-04	K084-5B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-06	K084-6B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-08	K084-7A	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1451-01	VNJ208	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1453-01	MOO-25-0061	Solid	Percent Solids	Cool 4 deg C	PSEG03	H41	02/27/2025	Chemtech -SO
Q1454-03	LAW-25-0043	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1458-01	SP-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1458-02	SP-SOIL-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1460-01	60270	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO

Date/Time 02/27/25 16:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 02/27/25 17:35
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

134830

WorkList Name : %1-022725

WorkList ID : 187919

Department : Wet-Chemistry

Date : 02-27-2025 08:22:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1465-01	ST-OILY-DEBRIS	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1465-02	W11-6327	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1461-01	KMH391J-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1461-02	KMH391J-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1464-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1464-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1464-03	KMA920X-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1464-04	KMA920X-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/27/2025	Chemtech -SO
Q1457-01	HR-0-02272025	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/27/2025	Chemtech -SO
Q1457-02	HR-0-02272025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/27/2025	Chemtech -SO

Date/Time 02/27/25 16:15

Raw Sample Received by: SA WOC

Raw Sample Relinquished by: SA SM

Date/Time

02/27/25

Raw Sample Received by:

SA SM

Raw Sample Relinquished by:

SA WOC

WORKLIST(Hardcopy Internal Chain)

UB

WorkList Name : corrosivity q1464

WorkList ID : 187947

Department : Wet-Chemistry

Date : 02-28-2025 07:38:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1442-01	280	Solid	Corrosivity	Cool 4 deg C	PSEG03	N31	02/26/2025	9045D
Q1442-02	281	Solid	Corrosivity	Cool 4 deg C	PSEG03	N31	02/26/2025	9045D
Q1443-01	3733	Solid	Corrosivity	Cool 4 deg C	PSEG03	H31	02/26/2025	9045D
Q1447-02	WC1	Solid	Corrosivity	Cool 4 deg C	GENV01	H33	02/23/2025	9045D
Q1453-01	MOO-25-0061	Solid	Corrosivity	Cool 4 deg C	PSEG03	H31	02/27/2025	9045D
Q1458-03	SP-SOIL	Solid	Corrosivity	Cool 4 deg C	PSEG03	H31	02/27/2025	9045D
Q1464-01	COMP-1	Solid	Corrosivity	Cool 4 deg C	PSEG03	H31	02/27/2025	9045D
Q1464-02	COMP-2	Solid	Corrosivity	Cool 4 deg C	PSEG03	H31	02/27/2025	9045D
Q1465-01	ST-OILY-DEBRIS	Solid	Corrosivity	Cool 4 deg C	PSEG03	H31	02/27/2025	9045D

Date/Time 02/28/25

Raw Sample Received by: SB YOC

Raw Sample Relinquished by: CR SM

Date/Time 02/28/25

Raw Sample Received by: CR SM

Raw Sample Relinquished by: SB YOC



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 03/06/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:41
Out Date: 03/07/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134919

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
Q1433-03	K084-1C	1	1.12	8.76	9.88	5.68	52.1	
Q1433-06	K084-2C	2	1.15	8.48	9.63	7.29	72.4	
Q1433-09	K084-3C	3	1.15	8.80	9.95	7.89	76.6	
Q1434-02	K084-4C	4	1.15	8.62	9.77	7.38	72.3	
Q1434-05	K084-5C	5	1.16	8.81	9.97	8.68	85.4	
Q1434-07	K084-6C	6	1.12	8.70	9.82	7.49	73.2	
Q1434-10	K084-7C	7	1.12	8.76	9.88	7.23	69.7	
Q1436-02	K084-8B	8	1.17	8.80	9.97	8.01	77.7	
Q1436-03	K084-8C	9	1.16	8.82	9.98	7.63	73.4	
Q1436-05	K084-9B	10	1.16	8.82	9.98	7.12	67.6	
Q1436-06	K084-9C	11	1.16	8.67	9.83	6.26	58.8	
Q1436-08	K084-10B	12	1.16	8.57	9.73	7.16	70.0	
Q1436-09	K084-10C	13	1.16	8.80	9.96	6.66	62.5	
Q1437-01	K084-11B	14	1.13	8.80	9.93	7.54	72.8	
Q1437-02	K084-11C	15	1.15	8.82	9.97	6.59	61.7	
Q1437-04	K084-12B	16	1.13	8.74	9.87	7.61	74.1	
Q1437-05	K084-12C	17	1.15	8.82	9.97	7.03	66.7	
Q1437-07	K084-13B	18	1.19	8.72	9.91	7.45	71.8	
Q1437-08	K084-13C	19	1.16	8.45	9.61	6.95	68.5	
Q1437-10	K084-14B	20	1.16	8.80	9.96	7.03	66.7	
Q1438-01	K084-14C	21	1.15	8.62	9.77	7.03	68.2	
Q1438-03	K084-15C	22	1.14	8.80	9.94	7.71	74.7	
Q1438-05	K084-16C	23	1.19	8.53	9.72	7.56	74.7	
Q1438-09	K084-DUP4	24	1.18	8.81	9.99	6.93	65.3	
Q1507-01	50-MIDDLESEX-AVE	25	1.15	8.83	9.98	8.92	88.0	
Q1507-02	50-MIDDLESEX-AVE-E2	26	1.15	8.80	9.95	8.41	82.5	
Q1508-01	RBR251372	27	1.12	8.87	9.99	7.42	71.0	
Q1508-02	RBR251372-E2	28	1.19	8.75	9.94	7.76	75.1	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 03/06/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:41
Out Date: 03/07/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134919

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
Q1509-01	HIH088X-1-1	29	1.00	1.00	2.00	2.00	100.0	oilc
Q1509-02	HIH088X-1-2	30	1.00	1.00	2.00	2.00	100.0	oilc
Q1510-01	FMC-25-0001-0005	31	1.16	8.50	9.66	7.99	80.4	
Q1510-02	FMC-25-0006	32	1.00	1.00	2.00	2.00	100.0	oil sample
Q1514-01	ENV-105-SB01	39	1.15	8.84	9.99	9.25	91.6	
Q1514-03	ENV-105-SB02	40	1.13	8.84	9.97	8.29	81.0	
Q1514-05	ENV-103-SB01	41	1.14	8.81	9.95	8.99	89.1	
Q1515-01	AU-06-030625	42	1.15	8.81	9.96	8.88	87.7	
Q1515-02	AU-06-030625-E2	43	1.16	8.82	9.98	8.62	84.6	
Q1516-01	GAS-AUD-25-0004	44	1.17	8.58	9.75	9.24	94.1	
Q1516-02	GAS-AUD-25-0025	45	1.16	8.68	9.84	9.7	98.4	
Q1518-01	OILY-DEBRIS-COMP	46	1.15	8.83	9.98	9.29	92.2	
Q1520-01	BC248121-1-1	33	1.00	1.00	2.00	2.00	100.0	oilc
Q1520-02	BC248121-1-2	34	1.00	1.00	2.00	2.00	100.0	oilc
Q1520-03	BC260492-1-1	35	1.00	1.00	2.00	2.00	100.0	oilc
Q1520-04	BC260492-1-2	36	1.00	1.00	2.00	2.00	100.0	oilc
Q1520-05	JEH488H-1-1	37	1.00	1.00	2.00	2.00	100.0	oilc
Q1520-06	JEH488H-1-2	38	1.00	1.00	2.00	2.00	100.0	oilc

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

WORKLIST(Hardcopy Internal Chain)

UB34919

WorkList Name : %1-030625 WorkList ID : 188063 Department : Wet-Chemistry Date : 03-06-2025 08:23:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1433-03	K084-1C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1433-06	K084-2C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1433-09	K084-3C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-02	K084-4C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-05	K084-5C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-07	K084-6C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1434-10	K084-7C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-02	K084-8B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-03	K084-8C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-05	K084-9B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-06	K084-9C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-08	K084-10B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1436-09	K084-10C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-01	K084-11B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-02	K084-11C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-04	K084-12B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-05	K084-12C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-07	K084-13B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-08	K084-13C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1437-10	K084-14B	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1438-01	K084-14C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO

Date/Time 03/06/26 16:10 Date/Time 03/06/26 17:40
 Raw Sample Received by: JWC Raw Sample Received by: C. S. M.
 Raw Sample Relinquished by: C. S. M. Raw Sample Relinquished by: JWC

WORKLIST(Hardcopy Internal Chain)

134919

WorkList Name : %1-030625 WorkList ID : 188063 Department : Wet-Chemistry Date : 03-06-2025 08:23:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1438-03	K084-15C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1438-05	K084-16C	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1438-09	K084-DUP4	Solid	Percent Solids	Cool 4 deg C	ATCE02	H11	02/25/2025	Chemtech -SO
Q1507-01	50-MIDDLESEX-AVE	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1507-02	50-MIDDLESEX-AVE-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1508-01	RBR251372	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1508-02	RBR251372-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1509-01	HIH088X-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1509-02	HIH088X-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1510-01	FMC-25-0001-0005	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1510-02	FMC-25-0006	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1514-01	ENV-105-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	I31	03/05/2025	Chemtech -SO
Q1514-03	ENV-105-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	I31	03/05/2025	Chemtech -SO
Q1514-05	ENV-103-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	I31	03/05/2025	Chemtech -SO
Q1515-01	AU-06-030625	Solid	Percent Solids	Cool 4 deg C	PSEG05	I21	03/06/2025	Chemtech -SO
Q1515-02	AU-06-030625-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I21	03/06/2025	Chemtech -SO
Q1516-01	GAS-AUD-25-0004	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1516-02	GAS-AUD-25-0025	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1518-01	OILY-DEBRIS-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1520-01	BC248121-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1520-02	BC248121-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO

Date/Time: 03/06/25 16:10
 Raw Sample Received by: JQ Carc
 Raw Sample Relinquished by: CP SM
 Date/Time: 03/06/25 17:40
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: JQ Carc

WORKLIST(Hardcopy Internal Chain)

UB 134919

WorkList Name : %1-030625 WorkList ID : 188063 Department : Wet-Chemistry Date : 03-06-2025 08:23:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1520-03	BC260492-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1520-04	BC260492-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1520-05	JEH488H-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO
Q1520-06	JEH488H-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I21	03/06/2025	Chemtech -SO

Date/Time 03/06/25 16:10
 Raw Sample Received by: JP awc
 Raw Sample Relinquished by: CP sm

Date/Time 03/06/25 17:40
 Raw Sample Received by: CP sm
 Raw Sample Relinquished by: JP awc

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 02/27/2025

Extraction Start Time : 09:15

Extraction End Date : 02/27/2025

Extraction End Time : 12:25

Concentration By: EH

Supervisor By : RUPESH

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	PP24093
Surrogate	1.0ML	200 PPB	PP24123
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2583
Baked Na2SO4	N/A	EP2590
Sand	N/A	E2865
H2SO4 1:1	N/A	EP2565
Hexane	N/A	E3877
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
2/27/25	RS (EQA Lab)	Y-P. Pestilca
12:30	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 02/27/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166889BL	ABLK889	PCB Group1	30.02	N/A	ritesh	Evelyn	10			U6-1
PB166889BS	ALCS889	PCB Group1	30.03	N/A	ritesh	Evelyn	10			2
Q1433-01	K084-1A	PCB Group1	30.07	N/A	ritesh	Evelyn	10			3
Q1433-02	K084-1B	PCB Group1	30.03	N/A	ritesh	Evelyn	10			4
Q1433-04	K084-2A	PCB Group1	30.05	N/A	ritesh	Evelyn	10			5
Q1433-05	K084-2B	PCB Group1	30.06	N/A	ritesh	Evelyn	10			6
Q1433-07	K084-3A	PCB Group1	30.08	N/A	ritesh	Evelyn	10			U3-1
Q1433-08	K084-3B	PCB Group1	30.02	N/A	ritesh	Evelyn	10			2
Q1433-10	K084-4A	PCB Group1	30.04	N/A	ritesh	Evelyn	10			3
Q1434-01	K084-4B	PCB Group1	30.07	N/A	ritesh	Evelyn	10			4
Q1434-03	K084-5A	PCB Group1	30.01	N/A	ritesh	Evelyn	10			5
Q1434-03MS	K084-5AMS	PCB Group1	30.06	N/A	ritesh	Evelyn	10			6
Q1434-03MS D	K084-5AMSD	PCB Group1	30.04	N/A	ritesh	Evelyn	10			U7-1
Q1434-04	K084-5B	PCB Group1	30.02	N/A	ritesh	Evelyn	10			2
Q1434-06	K084-6B	PCB Group1	30.03	N/A	ritesh	Evelyn	10			3
Q1434-08	K084-7A	PCB Group1	30.08	N/A	ritesh	Evelyn	10			4
Q1434-09	K084-7B	PCB Group1	30.05	N/A	ritesh	Evelyn	10			5
Q1436-01	K084-8A	PCB Group1	30.02	N/A	ritesh	Evelyn	10			6
Q1436-04	K084-9A	PCB Group1	30.06	N/A	ritesh	Evelyn	10			U2-1
Q1436-07	K084-10A	PCB Group1	30.01	N/A	ritesh	Evelyn	10			2
Q1436-10	K084-11A	PCB Group1	30.07	N/A	ritesh	Evelyn	10			3
Q1437-03	K084-12A	PCB Group1	30.03	N/A	ritesh	Evelyn	10			4
Q1437-06	K084-13A	PCB Group1	30.04	N/A	ritesh	Evelyn	10			5
Q1437-09	K084-14A	PCB Group1	30.09	N/A	ritesh	Evelyn	10			6

* Extracts relinquished on the same date as received.



WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1433 WorkList ID : 187922 Department : Extraction Date : 02-27-2025 08:40:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1433-01	KO84-1A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-02	KQ84-1B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-04	KQ84-2A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-05	KO84-2B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-07	KO84-3A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-08	KO84-3B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-10	KO84-4A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-01	KO84-4B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-03	KO84-5A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-04	KO84-5B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-06	KO84-6B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-08	KO84-7A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-09	KO84-7B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-01	KO84-8A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-04	KO84-9A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-07	KO84-10A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-10	KO84-11A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-03	KO84-12A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-06	KO84-13A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-09	KO84-14A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A

Date/Time 2/27/25 9:10
 Raw Sample Received by: RJ(EXT-66)
 Raw Sample Relinquished by: QJ sm

Date/Time 2/27/25 9:50
 Raw Sample Received by: QJ sm
 Raw Sample Relinquished by: RJ(EXT-66)

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Welgh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 03/06/2025

Extraction Start Time : 11:40

Extraction End Date : 03/06/2025

Extraction End Time : 14:45

Concentration By: EH

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24209
Surrogate	1.0ML	200 PPB	PP24123
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2592
Baked Na2SO4	N/A	EP2590
Sand	N/A	E2865
H2SO4 1:1	N/A	EP2565
Hexane	N/A	E3877
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/6/25	RS (Ext Lab)	7-P. Post-IPUB
14:50	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 03/06/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167022BL	ABLK022	PCB Group1	30.01	N/A	ritesh	Evelyn	10			U2-1
PB167022BS	ALCS022	PCB Group1	30.02	N/A	ritesh	Evelyn	10			2
Q1433-03	K084-1C	PCB Group1	30.05	N/A	ritesh	Evelyn	10			3
Q1433-06	K084-2C	PCB Group1	30.03	N/A	ritesh	Evelyn	10			4
Q1433-09	K084-3C	PCB Group1	30.08	N/A	ritesh	Evelyn	10			5
Q1434-02	K084-4C	PCB Group1	30.03	N/A	ritesh	Evelyn	10			6
Q1434-02MS	K084-4CMS	PCB Group1	30.04	N/A	ritesh	Evelyn	10			U3-1
Q1434-02MS D	K084-4CMSD	PCB Group1	30.02	N/A	ritesh	Evelyn	10			2
Q1434-05	K084-5C	PCB Group1	30.06	N/A	ritesh	Evelyn	10			3
Q1434-07	K084-6C	PCB Group1	30.07	N/A	ritesh	Evelyn	10			4
Q1434-10	K084-7C	PCB Group1	30.01	N/A	ritesh	Evelyn	10			5
Q1436-02	K084-8B	PCB Group1	30.06	N/A	ritesh	Evelyn	10			6
Q1436-03	K084-8C	PCB Group1	30.09	N/A	ritesh	Evelyn	10			U6-1
Q1436-05	K084-9B	PCB Group1	30.08	N/A	ritesh	Evelyn	10			2
Q1436-06	K084-9C	PCB Group1	30.04	N/A	ritesh	Evelyn	10			3
Q1436-08	K084-10B	PCB Group1	30.05	N/A	ritesh	Evelyn	10			4
Q1436-09	K084-10C	PCB Group1	30.08	N/A	ritesh	Evelyn	10			5
Q1437-01	K084-11B	PCB Group1	30.02	N/A	ritesh	Evelyn	10			6
Q1437-04	K084-12B	PCB Group1	30.03	N/A	ritesh	Evelyn	10			U7-1
Q1437-07	K084-13B	PCB Group1	30.09	N/A	ritesh	Evelyn	10			2
Q1437-10	K084-14B	PCB Group1	30.04	N/A	ritesh	Evelyn	10			3
Q1438-03	K084-15C	PCB Group1	30.03	N/A	ritesh	Evelyn	10			4
Q1438-05	K084-16C	PCB Group1	30.08	N/A	ritesh	Evelyn	10			5

167022
11:10 AM

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1433P WorkList ID : 188087 Department : Extraction Date : 03-06-2025 11:34:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1433-03	K084-1C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-06	K084-2C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-09	K084-3C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-02	K084-4C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-05	K084-5C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-07	K084-6C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-10	K084-7C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-02	K084-8B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-03	K084-8C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-05	K084-9B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-06	K084-9C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-08	K084-10B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-09	K084-10C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-01	K084-11B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-04	K084-12B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-07	K084-13B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-10	K084-14B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-03	K084-15C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-05	K084-16C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A

Date/Time 3/6/25 11:35
Raw Sample Received by: R.J (Ext-166)
Raw Sample Relinquished by: [Signature]

Date/Time 3/6/25 12:10
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: R.J (Ext-166)

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

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

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

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

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

Extraction Start Date : 03/07/2025

Extraction Start Time : 08:25

Extraction End Date : 03/07/2025

Extraction End Time : 11:30

Concentration By: EH

Supervisor By : RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24209
Surrogate	1.0ML	200 PPB	PP24217
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2592
Baked Na2SO4	N/A	EP2590
Sand	N/A	E2865
H2SO4 1:1	N/A	EP2565
Hexane	N/A	E3877
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721. Q1510-01,02 used Limited volume as samples are Oily debris & Oil.

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

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/7/25	RS (Ext lab)	T-P Pest-IPCL
11:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 03/07/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167029BL	ABLK029	PCB Group1	30.01	N/A	ritesh	Evelyn	10			U6-1
PB167029BS	ALCS029	PCB Group1	30.03	N/A	ritesh	Evelyn	10			2
Q1437-02	K084-11C	PCB Group1	30.07	N/A	ritesh	Evelyn	10			3
Q1437-05	K084-12C	PCB Group1	30.03	N/A	ritesh	Evelyn	10			4
Q1437-08	K084-13C	PCB Group1	30.05	N/A	ritesh	Evelyn	10			5
Q1438-01	K084-14C	PCB Group1	30.02	N/A	ritesh	Evelyn	10			6
Q1438-09	K084-DUP4	PCB Group1	30.08	N/A	ritesh	Evelyn	10			U3-1
Q1507-01	50-MIDDLESEX-AVE	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q1508-01	RBR251372	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
Q1508-01MS	RBR251372MS	PCB	30.05	N/A	ritesh	Evelyn	10	E		4
Q1508-01MS D	RBR251372MSD	PCB	30.04	N/A	ritesh	Evelyn	10	E		5
Q1510-01	FMC-25-0001-0005	PCB	5.07	N/A	ritesh	Evelyn	10	E	Oily Debris+S. Particles	6
Q1510-02	FMC-25-0006	PCB	1.03	N/A	ritesh	Evelyn	10	A	Oil	
Q1514-01	ENV-105-SB01	PCB	30.03	N/A	ritesh	Evelyn	10	E		U2-1
Q1514-03	ENV-105-SB02	PCB	30.05	N/A	ritesh	Evelyn	10	E		2
Q1514-05	ENV-103-SB01	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q1515-01	AU-06-030625	PCB	30.04	N/A	ritesh	Evelyn	10	E		4
Q1516-01	GAS-AUD-25-0004	PCB	30.02	N/A	ritesh	Evelyn	10	B	Small Particles	5
Q1516-02	GAS-AUD-25-0025	PCB	30.01	N/A	ritesh	Evelyn	10	B	Small Particles	6
Q1518-01	OILY-DEBRIS-COMP	PCB	30.07	N/A	ritesh	Evelyn	10	E		U7-1

* Extracts relinquished on the same date as received.

23
3/7

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1507 WorkList ID : 188098 Department : Extraction Date : 03-07-2025 08:16:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1437-02	K084-11C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-05	K084-12C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-08	K084-13C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-01	K084-14C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-09	K084-DUP4	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1507-01	50-MIDDLESEX-AVE	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1508-01	RBR251372	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1510-01	FMC-25-0001-0005	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1510-02	FMC-25-0006	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1514-01	ENV-105-SB01	Solid	PCB	Cool 4 deg C	PORT06	I31	03/05/2025	8082A
Q1514-03	ENV-105-SB02	Solid	PCB	Cool 4 deg C	PORT06	I31	03/05/2025	8082A
Q1514-05	ENV-103-SB01	Solid	PCB	Cool 4 deg C	PORT06	I31	03/05/2025	8082A
Q1515-01	AU-06-030625	Solid	PCB	Cool 4 deg C	PSEG05	I21	03/06/2025	8082A
Q1516-01	GAS-AUD-25-0004	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1516-02	GAS-AUD-25-0025	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1518-01	OILY-DEBRIS-COMP	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A

Date/Time 3/7/25 8:20
Raw Sample Received by: RJ (Ext 106)
Raw Sample Relinquished by: Oil

Date/Time 3/7/25 8:50
Raw Sample Received by: Oil
Raw Sample Relinquished by: RJ (Ext 106)

Prep Standard - Chemical Standard Summary

Order ID : Q1437

Test : PCB Group1

Prepbatch ID : PB166889,PB167022,PB167029,

Sequence ID/Qc Batch ID: PO022725,PO022825,PO030625,PO030725,PP030625,PP030725,

Standard ID :

EP2565,EP2583,EP2590,EP2592,PP23733,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,PP23776,PP23777,PP23778,PP23779,PP23780,PP23781,PP23782,PP23783,PP23784,PP23785,PP23786,PP23787,PP23788,PP23789,PP23790,PP23946,PP23947,PP24093,PP24123,PP24209,PP24217,

Chemical ID :

E2865,E3551,E3804,E3805,E3825,E3843,E3846,E3872,E3873,E3876,E3877,M5173,P10483,P10500,P11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12948,P12957,P13033,P13350,P13353,P13354,P13372,W3112,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
314	1.1 H2SO4 SOLN	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
230	1:1ACETONE/HEXANE	EP2583	02/04/2025	07/29/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 02/04/2025

FROM 8000.00000ml of E3872 + 8000.00000ml of E3873 = Final Quantity: 8000.000 ml

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2590	02/26/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2	None	Riteshkumar Patel

(EX-SC-2)

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
230	1:1ACETONE/HEXANE	EP2592	02/27/2025	08/12/2025	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel

02/27/2025

FROM 4000.00000ml of E3876 + 4000.00000ml of E3877 = Final Quantity: 8000.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP23733	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 1.00000ml of P13350 + 9.00000ml of E3805 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
202	AR1660 1000/100 ppb working solution 1st source	PP23735	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P10483 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
203	AR1660 750 PPB STD	PP23736	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23735 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
204	AR1660 500 PPB STD	PP23737	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23735 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
205	AR1660 250 PPB STD	PP23738	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23735 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
206	AR1660 50 PPB STD	PP23739	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23737 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
213	AR1221 1000 PPB WORKING SOLUTION	PP23740	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P11581 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1079	AR1221 750 PPB STD	PP23741	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23740 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
222	AR1221 500 PPB STD	PP23742	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23740 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1080	AR1221 250 PPB STD	PP23743	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23740 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1081	AR1221 50 PPB STD	PP23744	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23742 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
214	AR1232 1000 PPB WORKING SOLUTION	PP23745	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P11587 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1063	AR1232 750 PPB STD	PP23747	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23745 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
223	AR1232 500 PPB STD	PP23748	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23745 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1064	AR1232 250 PPB STD	PP23749	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23745 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1065	AR1232 50 PPB STD	PP23750	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23748 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
215	AR1242 1000 PPB WORKING STD	PP23751	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P12929 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1067	AR1242 750 PPB STD	PP23752	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23751 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
224	AR1242 500 PPB STD	PP23753	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23751 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1068	AR1242 250 PPB STD	PP23754	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23751 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1069	AR1242 50 PPB STD	PP23755	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23753 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
216	AR1248 1000 PPB WORKING STD	PP23756	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P12934 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1075	AR1248 750 PPB STD	PP23757	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23756 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
225	AR1248 500 PPB STD	PP23758	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23756 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1076	AR1248 250 PPB STD	PP23759	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23756 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1077	AR1248 50 PPB STD	PP23760	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23758 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
217	AR1254 1000 PPB WORKING STD	PP23761	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P11590 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1071	AR1254 750 PPB STD	PP23762	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23761 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
226	AR1254 500 PPB STD	PP23763	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23761 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1072	AR1254 250 PPB STD	PP23764	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23761 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1073	AR1254 50 PPB STD	PP23765	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23763 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1529	AR1262 1000 PPB Working Solution	PP23766	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P10500 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3753	AR1262 750 PPB STD	PP23767	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23766 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1530	AR1262 500 PPB STD	PP23768	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23766 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3754	AR1262 250 PPB STD	PP23769	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23766 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3755	AR1262 50 PPB STD	PP23770	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23768 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1532	AR1268 1000 PPB Working Solution	PP23771	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P11597 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3820	AR1268 750 PPB STD	PP23772	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23771 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1533	AR1268 500 PPB STD	PP23773	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23771 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3821	AR1268 250 PPB STD	PP23774	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23771 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3822	AR1268 50 PPB STD	PP23775	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23773 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
404	AR1660 100 PPM Stock Solution 2nd Source	PP23776	10/03/2024	04/01/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 1.00000ml of P12947 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
405	AR1660 1000/100 PPB ICV STD	PP23777	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 98.50000ml of E3805 + 0.50000ml of PP23733 + 1.00000ml of PP23776 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
406	AR1660 500 PPB ICV	PP23778	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23777 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP23779	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 1.00000ml of P13372 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3790	AR1221 500 PPB ICV(AGILENT)	PP23780	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23779 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP23781	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 1.00000ml of P12698 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP23782	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 1.00000ml of P11507 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1888	AR1232 500 PPB ICV	PP23783	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23781 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1891	AR1242 500 PPB ICV	PP23784	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23782 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP23785	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P11512 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1892	AR1248 500 PPB ICV	PP23786	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23785 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP23787	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 1.00000ml of P12957 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1894	AR1254 500 PPB ICV	PP23788	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23787 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3757	AR1262 1000 PPB Working Solution second source	PP23789	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.10000ml of P13033 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3758	AR1262 500 PPB STD ICV	PP23790	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23789 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3817	AR1268 1000 ppb Working Soln. 2nd source	PP23946	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/13/2024

FROM 1.00000ml of P11521 + 98.50000ml of E3825 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3823	AR1268 500 PPB STD ICV	PP23947	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/13/2024

FROM 0.50000ml of E3825 + 0.50000ml of PP23946 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24093	12/20/2024	04/03/2025	Ankita Jodhani	None	None	Yogesh Patel
								01/16/2025

FROM 0.50000ml of P12947 + 99.50000ml of E3843 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
465	200 PPB Pest/PCB Surrogate Spike	PP24123	01/20/2025	06/26/2025	Abdul Mirza	None	None	Ankita Jodhani
								01/20/2025

FROM 1.00000ml of P13353 + 999.00000ml of E3846 = Final Quantity: 1000.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24209	02/27/2025	08/27/2025	Ankita Jodhani	None	None	Yogesh Patel
								03/06/2025

FROM 0.50000ml of P12948 + 99.50000ml of E3876 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
465	200 PPB Pest/PCB Surrogate Spike	PP24217	03/05/2025	08/25/2025	Abdul Mirza	None	None	Yogesh Patel
								03/06/2025

FROM 1.00000ml of P13354 + 999.00000ml of E3876 = Final Quantity: 1000.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	0000243821	06/30/2025	04/30/2020 / RAJESH	04/28/2020 / RAJESH	E2865

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	11/05/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24C1862008	03/30/2025	09/30/2024 / Rajesh	09/25/2024 / Rajesh	E3805

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	11/06/2025	11/06/2024 / Rajesh	11/01/2024 / Rajesh	E3825

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	06/05/2025	12/05/2024 / Rajesh	12/05/2024 / Rajesh	E3843

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	06/26/2025	12/26/2024 / Rajesh	12/13/2024 / Rajesh	E3846

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	07/29/2025	01/29/2025 / Rajesh	01/29/2025 / Rajesh	E3872

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	07/29/2025	01/29/2025 / Rajesh	01/29/2025 / Rajesh	E3873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	08/25/2025	02/25/2025 / Rajesh	02/12/2025 / Rajesh	E3876

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000281827	06/02/2025	06/01/2022 /	04/05/2022 / william	M5173

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0163157	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Abdul	P10483

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0167722	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Ankita	P10500

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11507

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006626997	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11512

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	05/07/2025	11/07/2024 / Ankita	02/21/2022 / Ankita	P11521

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0175456	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11581

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0173309	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11587

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0181782	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11597

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	91867 / Aroclor 1232 100 ug/mL	020823	04/03/2025	10/03/2024 / Ankita	08/07/2023 / Ankita	P12698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	a0203672	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12929

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12934

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12947

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	08/27/2025	02/27/2025 / Ankita	12/20/2023 / Yogesh	P12948

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90165 / Aroclor 1262	112322	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P13033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	04/03/2025	10/03/2024 / Ankita	04/22/2024 / Abdul	P13350

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	07/20/2025	01/20/2025 / Abdul	04/22/2024 / Abdul	P13353

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/05/2025	03/05/2025 / Abdul	04/22/2024 / Abdul	P13354

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	04/03/2025	10/03/2024 / Ankita	05/02/2024 / Ankita	P13372

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Sand
Purified
Washed and Ignited



Material No.: 3382-05
Batch No.: 0000243821
Manufactured Date: 2018/04/09
Retest Date: 2025/04/07
Revision No: 1

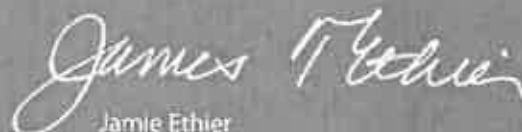
Certificate of Analysis

Test	Specification	Result
Substances Soluble in HCl	$\leq 0.16\%$	0.01

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

E 2865


Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

Recd. by R3 on 7/24/23 E 3551

RC-02-01, Ed. 3

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titration Acid (μeq/g)	≤ 0.3	0.1
Titration Base (μeq/g)	≤ 0.5	0.1
Water (H ₂ O)	≤ 0.5 %	0.1 %
Solubility in H ₂ O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO ₄)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities – Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities – Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities – Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities – Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone
CMOS

 **avantor™**



Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

 **avantor™**



Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
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For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC



Michelle Bales
Sr. Manager, Quality Assurance

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 9/25/24

E 3805

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

£3825

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 12/5/24

E 3843

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

 **avantors™**



Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date: 2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Rec'd by RP On 12/13/24

E 3846



Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

Avantor™



Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₈ Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 1/29/25

E 3872

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone

BAKER RESI-ANALYZED® Reagent

For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 1/29/25

E 3873

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

 **avantors**™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 2/12/25

E 3876



Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd. by RP on 2/12/25

Harout Sahagian **E3877**

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.

If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis



Material No.: 9530-33
Batch No.: 0000281827
Manufactured Date: 2021/03/30
Retest Date: 2026/03/29
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid–base titrn)	36.5 – 38.0 %	37.6
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	1
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.189
ACS – Bromide (Br)	<= 0.005 %	< 0.005
ACS – Extractable Organic Substances	<= 5 ppm	< 1
ACS – Free Chlorine (as Cl ₂)	<= 0.5 ppm	< 0.5
Phosphate (PO ₄)	<= 0.05 ppm	< 0.03
Sulfate (SO ₄)	<= 0.5 ppm	< 0.3
Sulfite (SO ₃)	<= 0.8 ppm	0.3
Ammonium (NH ₄)	<= 3 ppm	< 1
Trace Impurities – Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities – Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities – Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities – Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities – Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities – Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities – Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities – Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities – Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities – Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities – Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities – Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Test	Specification	Result
Trace Impurities – Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities – Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities – Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities – Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities – Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities – Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities – Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities – Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities – Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities – Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities – Selenium (Se), For Information Only	ppb	1.0
Trace Impurities – Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities – Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities – Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities – Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities – Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities – Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities – Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities – Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities – Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities – Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities – Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use

Product Information (not specifications):

Appearance (clear, fuming liquid)

Meets ACS Specifications

Country of Origin: US

Packaging Site: Phillipsburg Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0163157

Description : Aroclor® 1016/1260 Mix
Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Aroclor 1016 CAS # 12674-11-2 (Lot 04) Purity ----%	1,007.0 µg/mL	+/- 5.8683 µg/mL Gravimetric +/- 31.9082 µg/mL Unstressed +/- 41.6868 µg/mL Stressed
2	Aroclor 1260 CAS # 11096-82-5 (Lot 07) Purity ----%	1,008.0 µg/mL	+/- 5.8741 µg/mL Gravimetric +/- 31.9399 µg/mL Unstressed +/- 41.7282 µg/mL Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 10476

P 10480

AR
02/19/21

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

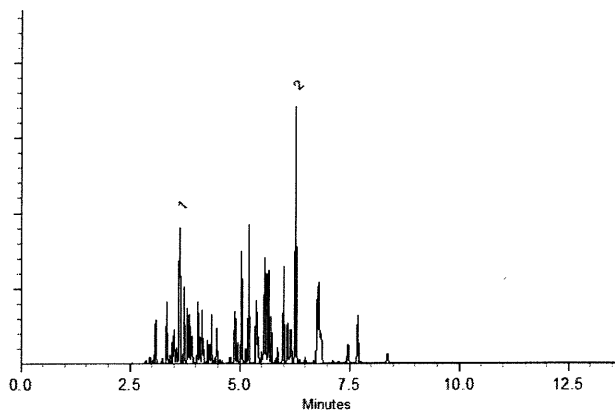
250°C

Det. Temp:

300°C

Det. Type:

ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020

Balance: B442140311


Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Fax: (814)353-1309

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Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 Lot No.: A0167722
Description : Aroclor® 1262 Standard
Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : April 30, 2027 Storage: 25°C nominal
Handling: This product contains PCBs. Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Aroclor 1262	1,004.0 µg/mL	+/- 5.9635 µg/mL Gravimetric
	CAS # 37324-23-5 (Lot 10849100)		+/- 31.8340 µg/mL Unstressed
	Purity ----%		+/- 41.5787 µg/mL Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10496
↓
P10500

AJ
09/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

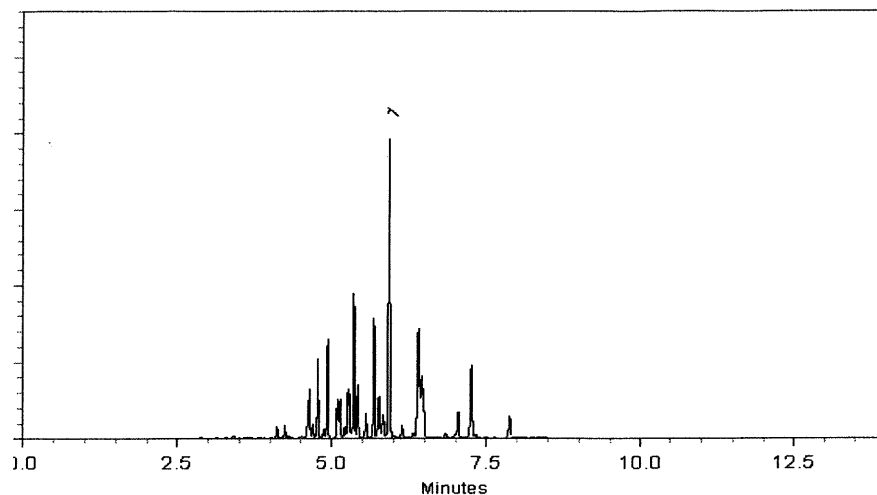
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 03-Jan-2021

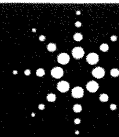
Balance: B707717271

Marlene Cowan
Marlene Cowan - Operations Tech I

Date Passed: 05-Jan-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

ISO 17034



Agilent

Trusted Answers

Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

Component Name	CERTIFIED VALUES			CAS#	Analyte Lot
	Concentration	Expanded Uncertainty			
Aroclor 1242	100.4	± 0.5 µg/mL		053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11503
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P11507A7
02/21/22

Page: 1 of 2

CSD-QA-015.1

ISO 17034



Agilent

Trusted Answers

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321

Page: 2 of 2

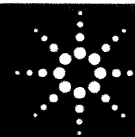
www.agilent.com/quality/

CSD-QA-015.1



ISO 17025
Cert No. AT-

ISO 17034



Agilent

Trusted Answers

Reference Material Certificate

Product Name: Aroclor 1248 Standard

Lot Number: 0006626997

Product Number: PP-342-1

Lot Issue Date: 17-Aug-2021

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 30-Sep-2025

Component Name	CERTIFIED VALUES		CAS#	Analyte Lot
	Concentration	Expanded Uncertainty		
Aroclor 1248	100.3	± 0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11508

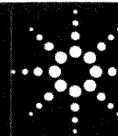
↓

P11512

AJ

2/21/22

ISO 17034



Agilent

Trusted Answers

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321

Page: 2 of 2

www.agilent.com/quality/

CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



Certificate of Analysis

P11518
↓
P11522
AJ
02/21/22

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1

Lot Issue Date: 09-Feb-2021

Lot Number: 0006587800

Expiration Date: 31-Mar-2029

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

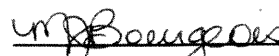
Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:


Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



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Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 Lot No.: A0175456
Description : Aroclor® 1221 Standard
Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : November 30, 2027 Storage: 25°C nominal
Handling: This product contains PCBs. Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Aroclor 1221	1,002.0 µg/mL	+/- 5.9516 µg/mL Gravimetric
	CAS # 11104-28-2 (Lot 10210500)		+/- 31.7706 µg/mL Unstressed
	Purity ----%		+/- 41.4958 µg/mL Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11578
↓
P 11582 / (S)

AR
04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

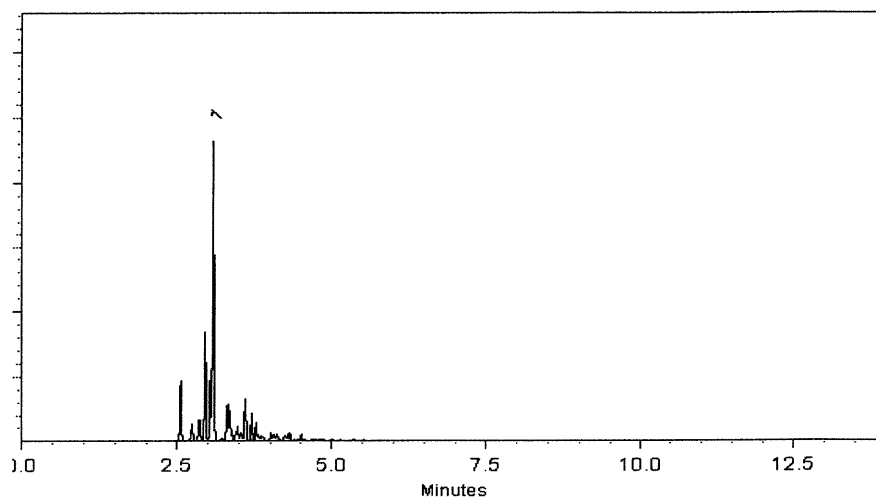
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 Balance: B442140311

Marlene Cowan
Marlene Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P11578
↓
P11582 / (S)

AR
04/30/22



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0173309

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Aroclor 1232	1,001.0 µg/mL	+/- 5.9456 µg/mL Gravimetric
	CAS # 11141-16-5 (Lot 15665-01)		+/- 31.7389 µg/mL Unstressed
	Purity ----%		+/- 41.4544 µg/mL Stressed

Solvent: Hexane

CAS # 110-54-3

Purity 99%

P11583
↓
P11587 / (S)

AR
04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

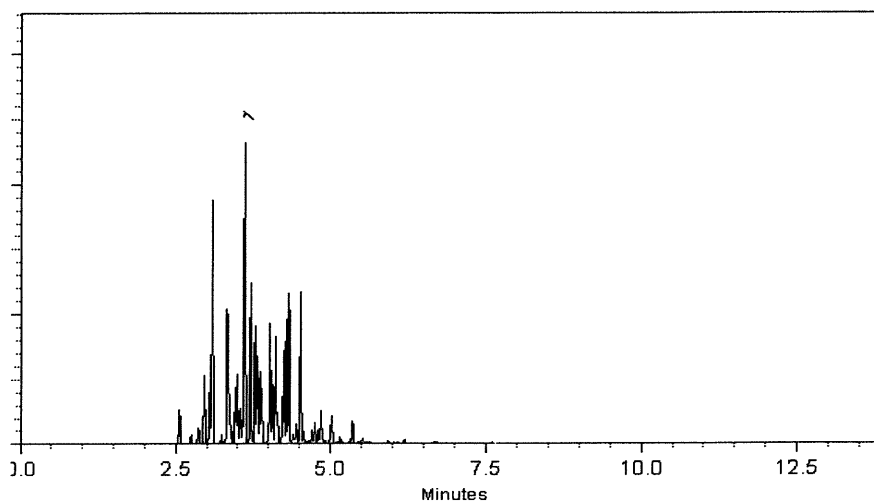
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 13-Jun-2021 **Balance:** B442140311

Alexis Shelow
Alexis Shelow - Operations Tech I

Date Passed: 16-Jun-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P11583
↓
P11587 (5)

AR
04/30/22



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Bellefonte, PA 16823-8812
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 Lot No.: A0175403
Description : Aroclor® 1254 Standard
Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : November 30, 2027 Storage: 25°C nominal
Handling: This product contains PCBs. Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Aroclor 1254 CAS # 11097-69-1 (Lot 124-191-B) Purity ----%	1,000.7 µg/mL	+/- 5.9437 µg/mL Gravimetric +/- 31.7284 µg/mL Unstressed +/- 41.4406 µg/mL Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588
↓
P11592 / (S)

AR
04/30/2022

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

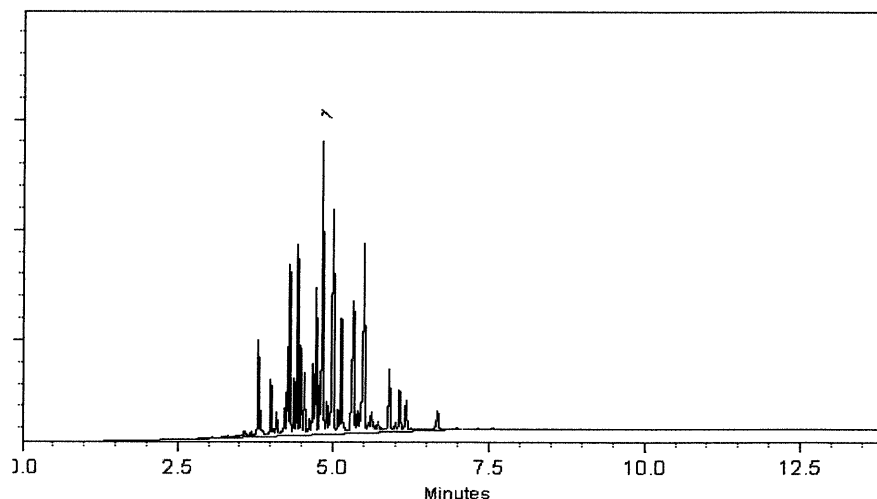
250°C

Det. Temp:

300°C

Det. Type:

ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021

Balance: 1128360905

Alexis Shelow

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P11588
↓
P11592 / (5)

AR
04/30/22



CERTIFIED REFERENCE MATERIAL

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Bellefonte, PA 16823-8812
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 Lot No.: A0181782
Description : Aroclor® 1268 Standard
Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : May 31, 2028 Storage: 25°C nominal
Handling: This product contains PCBs. Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Aroclor 1268 CAS # 11100-14-4 Purity ----%	1,001.4 µg/mL (Lot 10947000)	+/- 5.9480 µg/mL Gravimetric +/- 31.7516 µg/mL Unstressed +/- 41.4710 µg/mL Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11593
↓
P 11597
⑤

UAR
04/30/2022

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

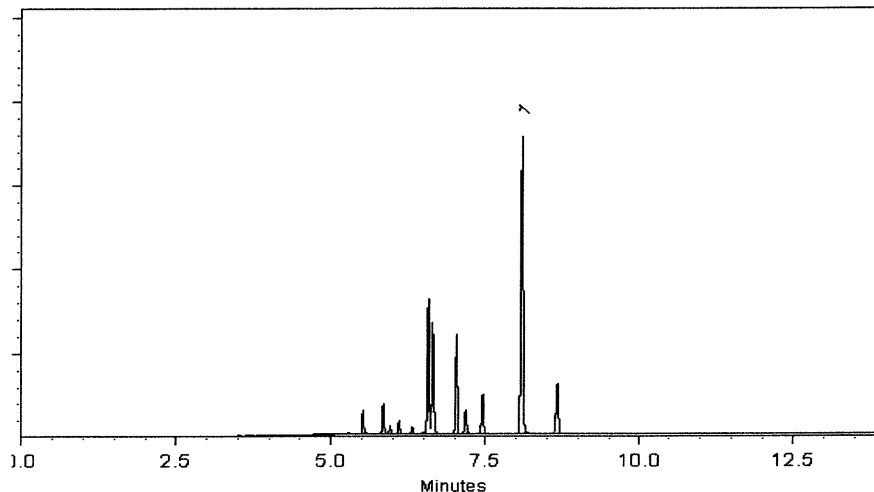
250°C

Det. Temp:

300°C

Det. Type:

ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope S. Riglin
Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022

Balance: 1128360905

Clara Windle
Clara Windle - Operations Technician I

Date Passed: 17-Feb-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 11593 / (5)
↓
P 11597
[Signature]
04/30/2022



CERTIFIED WEIGHT REPORT

Part Number: **91867**
 Lot Number: **020823**
 Description: **WP 037 - Aroclor 1232**
PCB Technical Mixture
 Expiration Date: **020833**
 Recommended Storage: **Ambient (20 °C)**
 Nominal Concentration ($\mu\text{g/mL}$): **100**
 NIST Test ID#: **6UTB**

Solvent(
Aceton

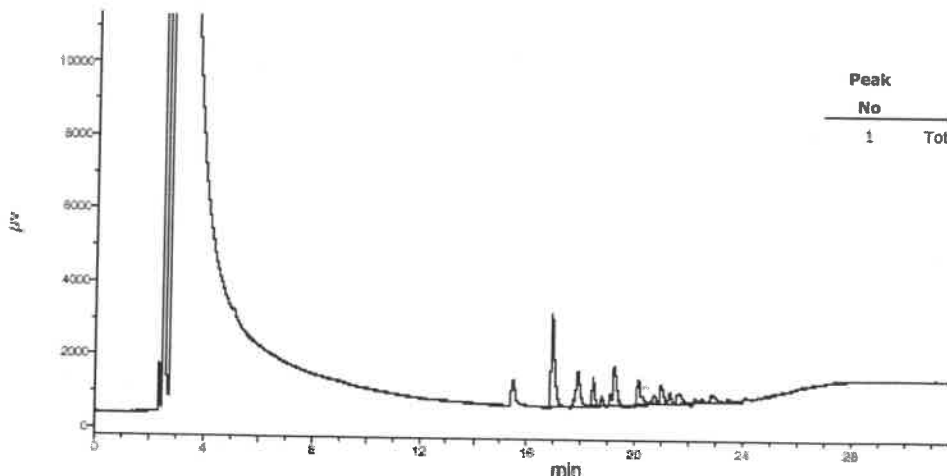
Weight(s) shown below were combined and diluted to (mL): **100.0**
 5E-05 Balance Uncertainty
 0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc ($\mu\text{g/mL}$)	Purity (%)	Uncertainty Purity	Target Weight (g)
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC3-M1 Analysis by Melissa Stonier
 Column ID SPB-608 30 meter X 0.53mm X 5 μm film thickness
 Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
 Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
 Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
 Rate = 8°C/min, Total run time = 35 min
 Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
 Standard injection = 1.5 μL , Range=3





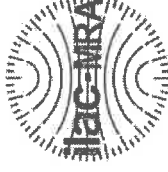
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32009 **Lot No.:** A0203672

Description: Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size: 2 mL **Pkg Amt:** > 1 mL

Expiration Date: January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

p12928

→

p12932

AJ

12/27/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	—%	1,004.7 µg/mL	+/- 55.7515

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

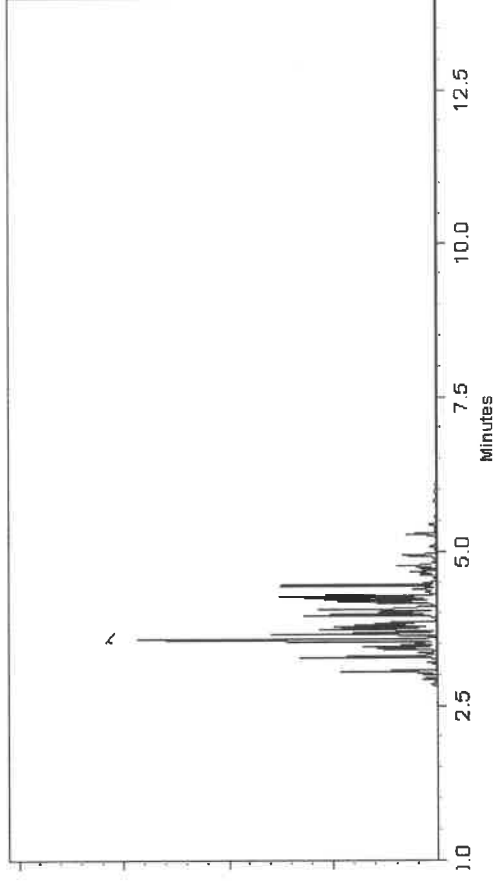
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2ul



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Boothamer

Russ Boothamer - Operations Technician I

Date Mixed: 26-Oct-2023

Balance Serial #

B442140311

Jennifer Polino

Jennifer Polino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FW 80397



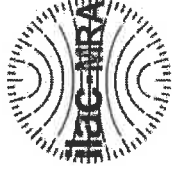
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Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32010 **Lot No.:** A0202803

Description: Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size: 2 mL **Pkg Amt:** > 1 mL

Expiration Date: January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P1219697
P1219697
A1
12104123

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	---%	1,001.7 µg/mL	+/- 55.5850

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

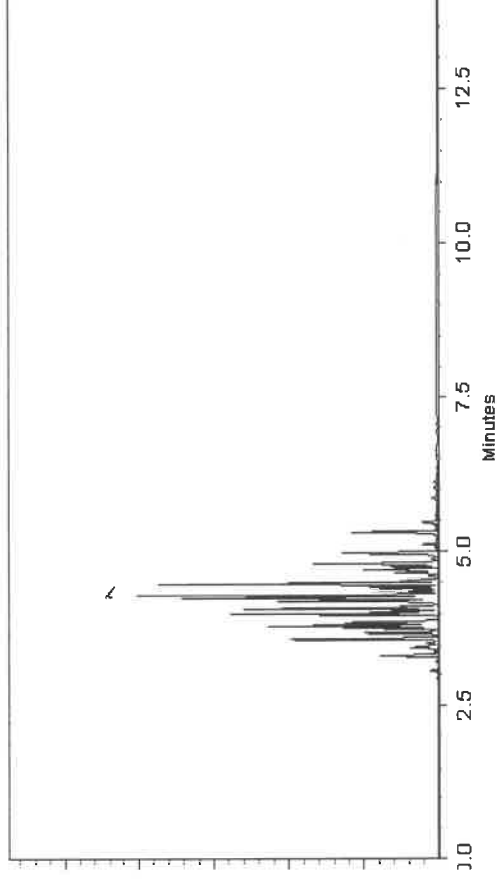
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2ul



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

[Signature]
Laith Clemente - Operations Technician I

Date Mixed: 03-Oct-2023

Balance Serial # 1128360905

[Signature]
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FW 80397



Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:
20064

Solvent(s):
Hexane

Lot#
273615

Lot Number:
022023

CLP PCB'S - Aroclor Mix

Description:
Aroclors 1016 & 1260

022033

Expiration Date:
Ambient (20 °C)

1000

Recommended Storage:
Nominal Concentration (µg/mL):

6UTB

NIST Test ID#:

200.0

Weight(s) shown below were combined and diluted to (mL):

200.0

Balance Uncertainty

0.010

Flask Uncertainty

0.010

Formulated By:
Benson Chan

022023

DATE

Reviewed By:
Pedro L. Rentas

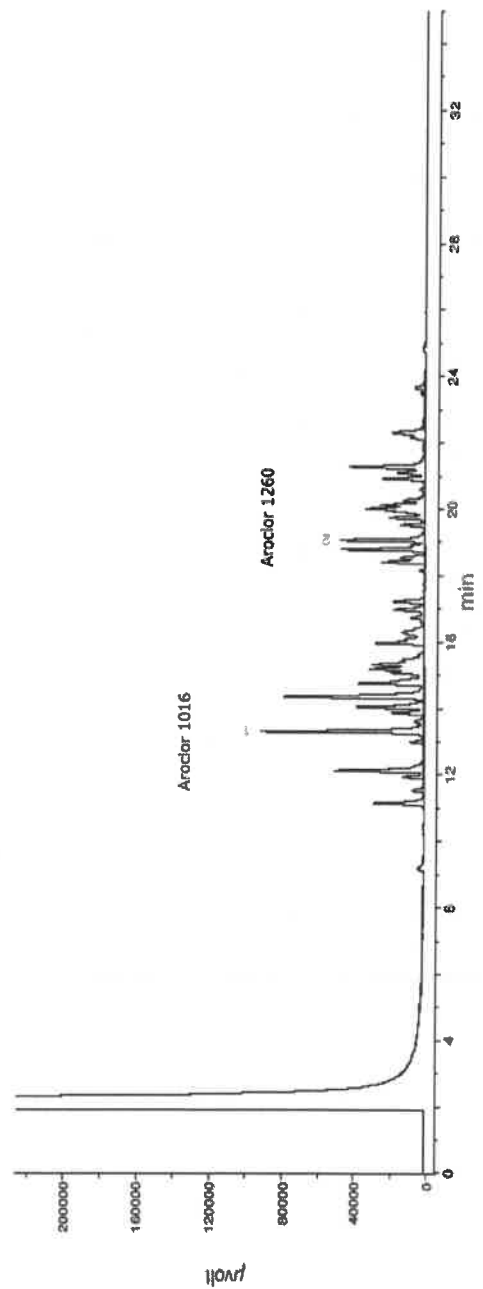
022023

DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information	
										(Solvent Safety Info. On Attached pg.)	(SHA PEL (TWA) LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11086-82-5	0.5mg/m3 orl-rat 1315mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stortier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1
Standard Injection = 1.5µL, Range=3





Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:
20064

Solvent(s):
Hexane

Lot#
273615

Lot Number:
022023

CLP PCB'S - Aroclor Mix

Description:
Aroclors 1016 & 1260

022033

Expiration Date:
Ambient (20 °C)

1000

Recommended Storage:
Nominal Concentration (µg/mL):

6UTB

NIST Test ID#:

200.0

Weight(s) shown below were combined and diluted to (mL):

200.0

Balance Uncertainty

0.010

Flask Uncertainty

0.010

Formulated By:
Benson Chan

022023

DATE

Reviewed By:
Pedro L. Rentas

022023

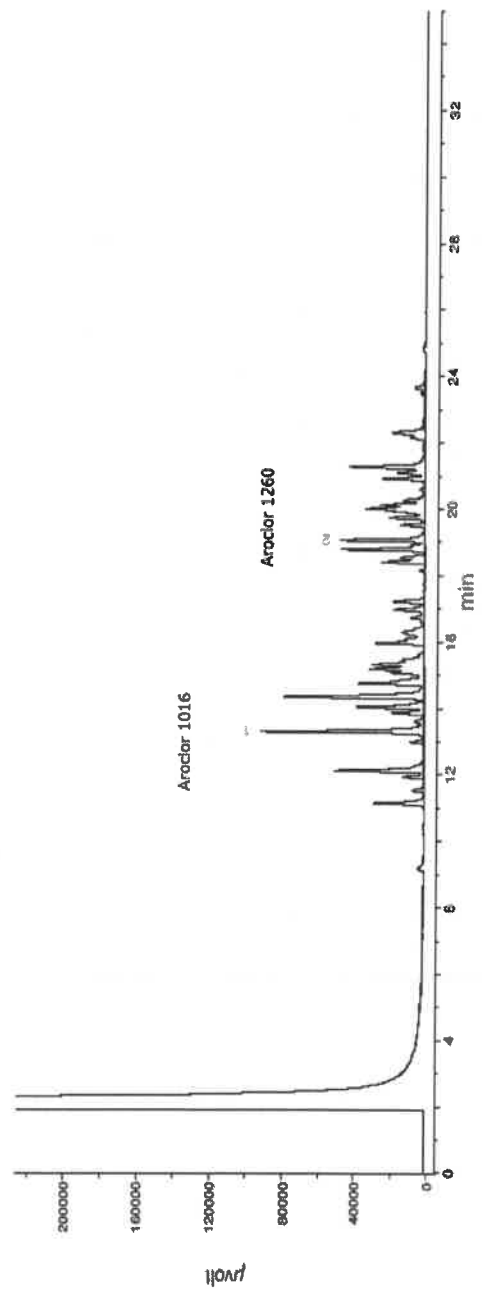
DATE

PR2946 7/18
↓
12/20/23
P12955

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information		
										(Solvent Safety Info. On Attached pg.)	CAS#	OSHA PEL (TWA) LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11086-82-5	0.5mg/m3	orl-rat 1315mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stortier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1
Standard Injection = 1.5µL, Range=3





CERTIFIED WEIGHT REPORT

Part Number: 99139
Lot Number: 121823
Description: Aroclor 1254

Expiration Date: 121833
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 100
NIST Test ID#: 6UTB

Volume(s) shown below were combined and diluted to (mL): 20.0
Note: Aroclor 1254 is a mix of isomers.

Solvent(s): Iso-octane
Lot#: 82227

Formulated By: Anthony Mahoney	121823	DATE
Reviewed By: Pedro L. Rentas	121823	DATE

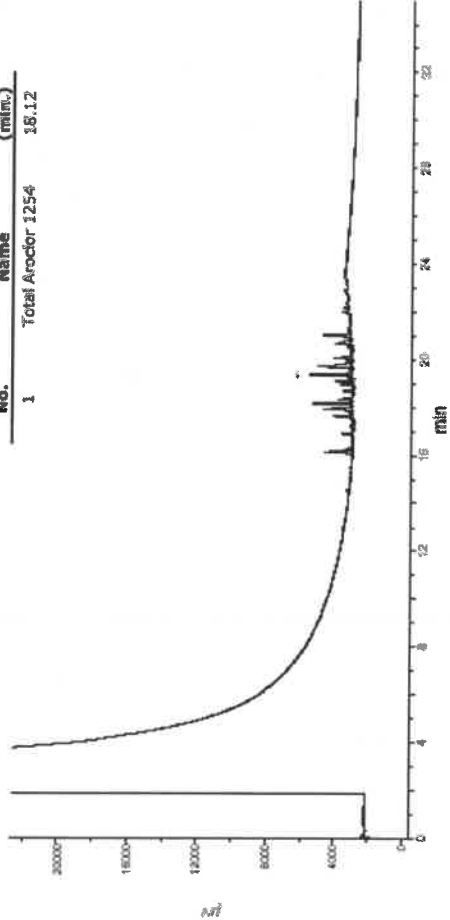
P12956 / Y.P.
12/18/23
P12957

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Initial Uncertainty	Pipette (mL)	Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information		
											(Solvent Safety Info. On Attached pg.)	CAS#	OSHA PEL (TWA) LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)		or-rat 1295mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150 °C (Time 1 = 4 min), Temp 2 = 280 °C (Time 2 = 13.5 min)
Rate = 8 °C/min, Total run time = 35 min
Injector temp. = 200 °C, FID Temp. = 300 °C, FID Signal = Etdaq Channel 1
Standard injection = 1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12





CERTIFIED WEIGHT REPORT

Part Number: 90165
Lot Number: 112322
Description: Atrocior 1262
Expiration Date: 112332
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6LUTB
Weight(s) shown were combined and diluted to (mL): 50.0

Solvent(s): Lot#
Hexane 273615

SE-05 Balance Uncertainty
0.005 Flask Uncertainty

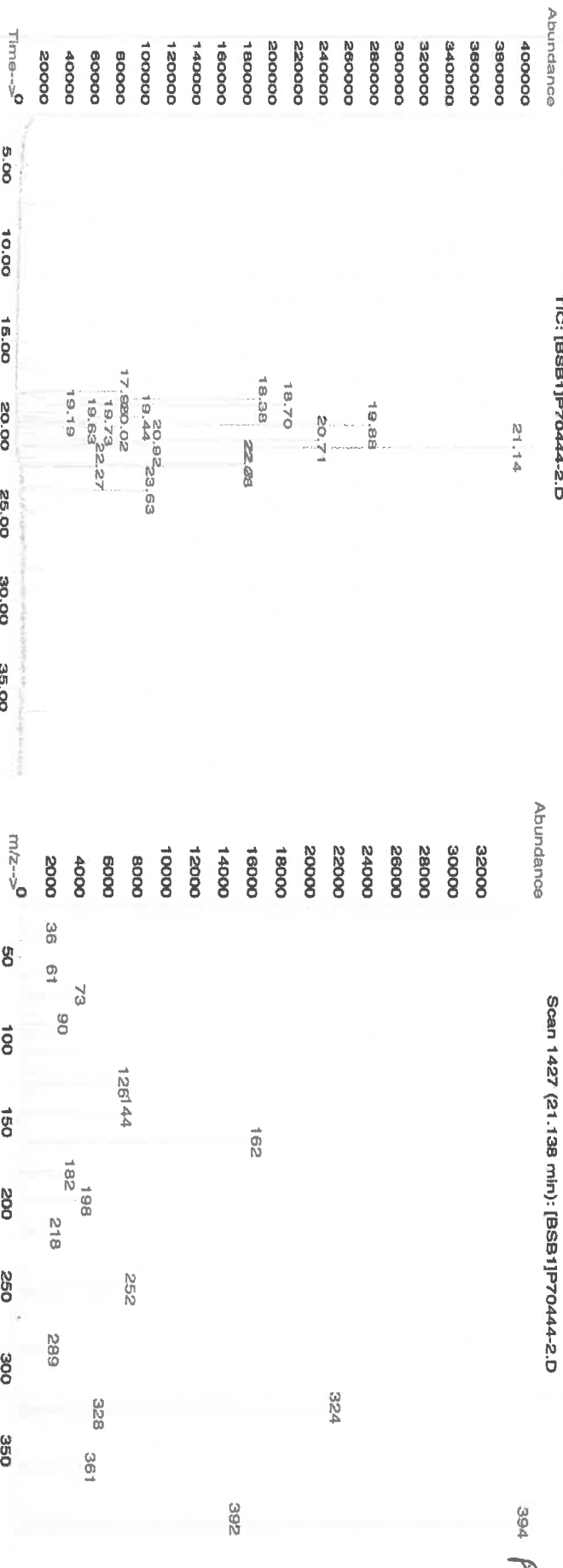
Formulated By:	Prashant Chauhan	112322	DATE
Reviewed By:	Pedro L. Rentes	112322	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (±) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50
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1. Atrocior 1262 444 W-130-05 1000 100 0.2 0.05003 0.05016 1002.7 4.5 37324-23-5 N/A or-tal 11300mg/kg

Method GC/MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B = 200°C, Detector B = 290°C.

TIC: [BSB1]P70444-2.D



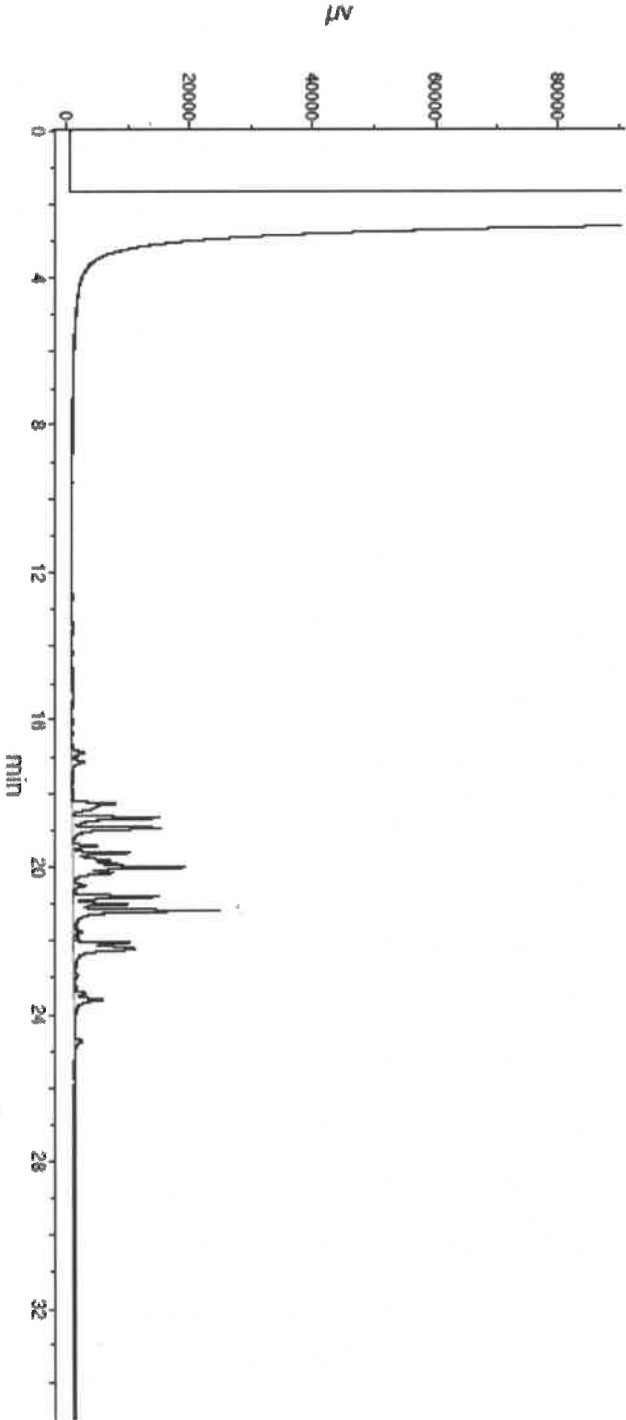


Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.
Created: Thu, Dec 8, 2022 at 2:31:02 AM.
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".
Analyzed using Method "GC3-M1".

Comments

GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection = 1.5µL, Range=3





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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348
↓
P13357
10
DAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

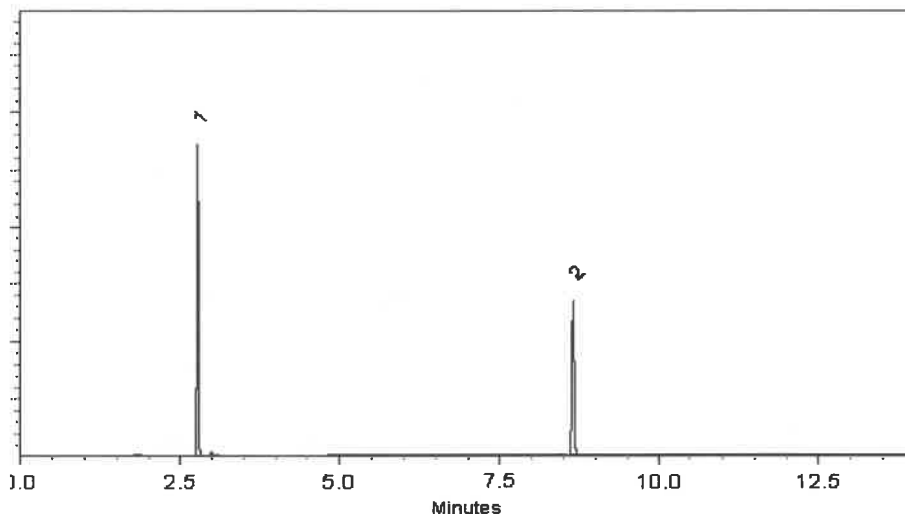
ECD

Split Vent:

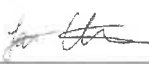
10 ml/min.

Inj. Vol

1µl

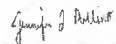


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

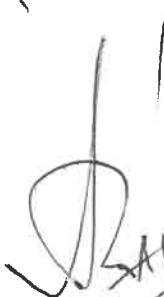
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 13348
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P 13357
10


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04/25/2025



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348
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P13357
10
DAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

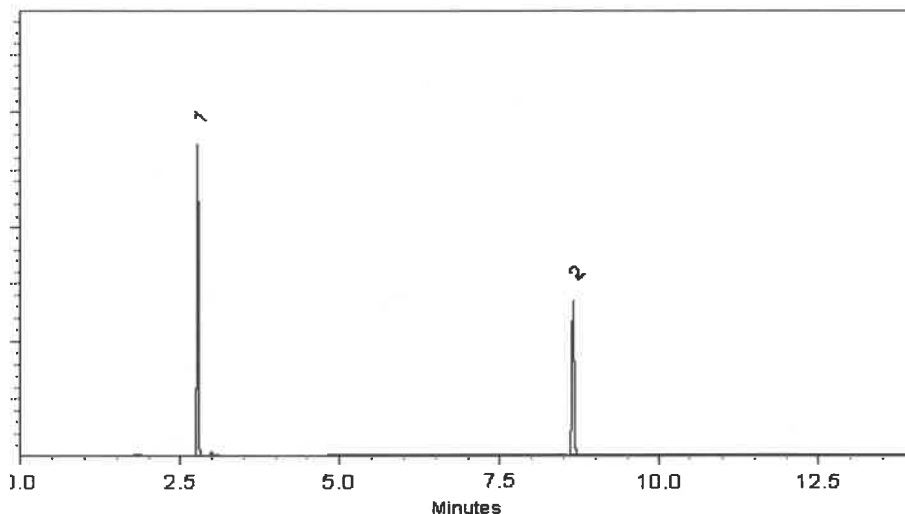
ECD

Split Vent:

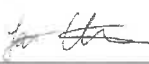
10 ml/min.

Inj. Vol

1µl

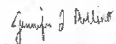


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

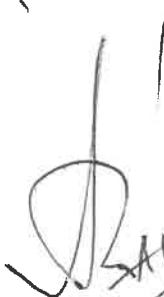
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 13348
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P 13357
10


SAUF
04/25/2025



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348
↓
P13357
10
DAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

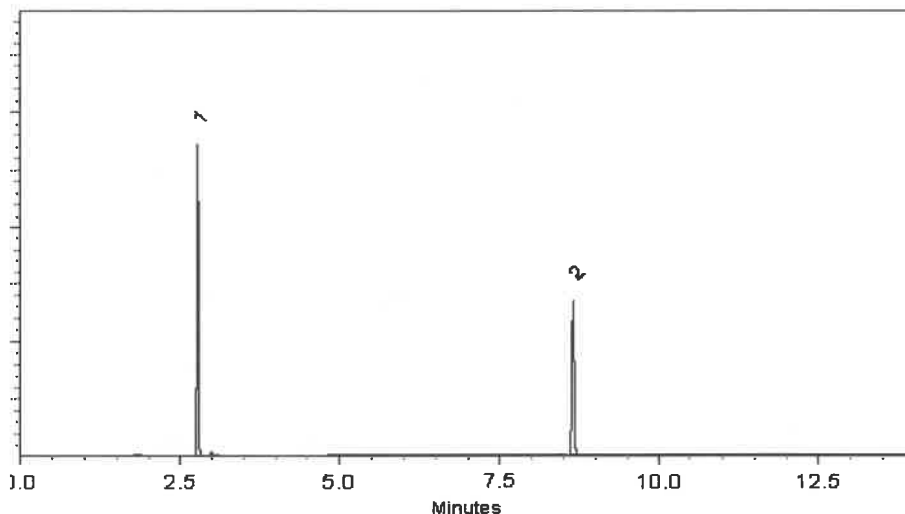
ECD

Split Vent:

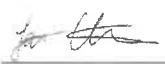
10 ml/min.

Inj. Vol

1µl

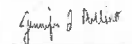


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

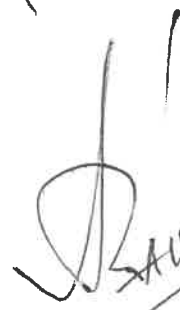
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 13348
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P 13357
10


SAUF
04/25/2025



ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1221 Standard
Product Number: PP-292-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006783205
Lot Issue Date: 20-Feb-2024
Expiration Date: 31-Mar-2032

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3 ±	0.5 µg/mL	011104-28-2	NT01017

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13342
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P13343

Page: 1 of 2

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

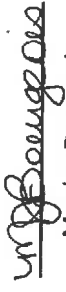
250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality



Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:


Monica Bourgeois
QMS Representative



ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO
9001:2015 Quality Management System. Cert# 951215321

Page: 2 of 2

www.agilent.com/quality/
CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: **ATLAS**
ADDRESS: **104 E 25th St., 8th Fl**
CITY: **New York** STATE: **NY** ZIP: **10010**
ATTENTION: **DENISE**
PHONE: **718-490-0614** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **K084-SCA PCBs**
PROJECT NO.: **2022SCA421** LOCATION: **NYC**
PROJECT MANAGER: **D. Cosenza**
e-mail: **Denise.cosenza@oregonas.com**
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY: **SAME** STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

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

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

TOTAL PCBs

PRESERVATIVES

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	K084-11B	S		X	2/25/25	10 ²⁴	1	X									HOLD
2.	K084-11C					10 ²⁶		X									HOLD
3.	K084-12A					10 ¹⁶		X									
4.	K084-12B					10 ¹⁸		X									HOLD
5.	K084-12C					10 ²⁰		X									HOLD
6.	K084-13A					10 ⁰⁷		X									
7.	K084-13B					10 ⁰⁹		X									HOLD
8.	K084-13C					10 ¹¹		X									HOLD
9.	K084-14A					10 ⁰⁰		X									
10.	K084-14B					10 ⁰²		X									HOLD

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	2/25/25	1. 1036
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
2.	1535	2. 2-26-25
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
3.	2-26-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP	3.7 °C
Comments:	Had samples pending initial results
Page 4 of 5	CLIENT: ☐ Hand Delivered ☐ Other
	Shipment Complete ☐ YES ☐ NO

Laboratory Certification

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