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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 is 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

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LAB CHRONICLE

OrderID:	Q1438	**OrderDate:**	2/26/2025 12:30:00 PM
Client:	ATC Group Services LLC	**Project:**	K084-SCA PCBs NYC - 2022SCA421
Contact:	Denise Cosenza	**Location:**	H11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1438-01	**K084-14C**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/07/25	03/07/25	
Q1438-02	**K084-15B**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/27/25	
Q1438-02DL	**K084-15BDL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1438-03	**K084-15C**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/06/25	03/06/25	
Q1438-03DL	**K084-15CDL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/06/25	03/07/25	
Q1438-04	**K084-16B**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/27/25	
Q1438-04DL	**K084-16BDL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1438-05	**K084-16C**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/06/25	03/06/25	
Q1438-05DL	**K084-16CDL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/06/25	03/07/25	
Q1438-06	**K084-DUP1**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/27/25	
Q1438-06DL	**K084-DUP1DL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	

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LAB CHRONICLE

Q1438-06DL2	**K084-DUP1DL2**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1438-07	**K084-DUP2**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/27/25	
Q1438-07DL	**K084-DUP2DL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1438-08	**K084-DUP3**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/27/25	
Q1438-08DL	**K084-DUP3DL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1438-08DL2	**K084-DUP3DL2**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1438-09	**K084-DUP4**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/07/25	03/07/25	
Q1438-10	**K084-DUP5**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/27/25	
Q1438-10DL	**K084-DUP5DL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1438 **Order ID:** Q1438

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 : K084-14C								
Q1438-01	K084-14C	SOIL	Aroclor-1254	330		4.00	24.9	ug/kg
Q1438-01	K084-14C	SOIL	Aroclor-1268	50.5		5.00	24.9	ug/kg
			Total Concentration:	**380.500**				
Client ID : K084-15B								
Q1438-02	K084-15B	SOIL	Aroclor-1254	2300	E	3.70	23.0	ug/kg
Q1438-02	K084-15B	SOIL	Aroclor-1268	520	E	4.60	23.0	ug/kg
			Total Concentration:	**2,820.000**				
Client ID : K084-15BDL								
Q1438-02DL	K084-15BDL	SOIL	Aroclor-1254	2500	D	37.0	230	ug/kg
Q1438-02DL	K084-15BDL	SOIL	Aroclor-1268	557	D	46.4	230	ug/kg
			Total Concentration:	**3,057.000**				
Client ID : K084-15C								
Q1438-03	K084-15C	SOIL	Aroclor-1254	4100	E	3.70	22.7	ug/kg
Q1438-03	K084-15C	SOIL	Aroclor-1268	203		4.60	22.7	ug/kg
			Total Concentration:	**4,303.000**				
Client ID : K084-15CDL								
Q1438-03DL	K084-15CDL	SOIL	Aroclor-1254	5900	D	73.0	455	ug/kg
Q1438-03DL	K084-15CDL	SOIL	Aroclor-1268	342	JD	91.7	455	ug/kg
			Total Concentration:	**6,242.000**				
Client ID : K084-16B								
Q1438-04	K084-16B	SOIL	Aroclor-1254	2500	E	3.50	21.6	ug/kg
Q1438-04	K084-16B	SOIL	Aroclor-1268	250		4.30	21.6	ug/kg
			Total Concentration:	**2,750.000**				
Client ID : K084-16BDL								
Q1438-04DL	K084-16BDL	SOIL	Aroclor-1254	2700	D	34.6	216	ug/kg
Q1438-04DL	K084-16BDL	SOIL	Aroclor-1268	289	D	43.5	216	ug/kg

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Hit Summary Sheet
SW-846

SDG No.: Q1438 **Order ID:** Q1438

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:	**2,989.000**				
Client ID :	**K084-16C**							
Q1438-05	K084-16C	SOIL	Aroclor-1254	3000	E	3.60	22.7	ug/kg
Q1438-05	K084-16C	SOIL	Aroclor-1268	102		4.60	22.7	ug/kg
			Total Concentration:	**3,102.000**				
Client ID :	**K084-16CDL**							
Q1438-05DL	K084-16CDL	SOIL	Aroclor-1254	3900	D	36.4	227	ug/kg
Q1438-05DL	K084-16CDL	SOIL	Aroclor-1268	149	JD	45.8	227	ug/kg
			Total Concentration:	**4,049.000**				
Client ID :	**K084-DUP1**							
Q1438-06	K084-DUP1	SOIL	Aroclor-1254	6500	E	3.30	20.6	ug/kg
Q1438-06	K084-DUP1	SOIL	Aroclor-1268	1500	E	4.20	20.6	ug/kg
			Total Concentration:	**8,000.000**				
Client ID :	**K084-DUP1DL**							
Q1438-06DL	K084-DUP1DL	SOIL	Aroclor-1254	7500	ED	16.5	103	ug/kg
Q1438-06DL	K084-DUP1DL	SOIL	Aroclor-1268	1700	D	20.8	103	ug/kg
			Total Concentration:	**9,200.000**				
Client ID :	**K084-DUP1DL2**							
Q1438-06DL2	K084-DUP1DL2	SOIL	Aroclor-1254	7800	D	82.6	514	ug/kg
Q1438-06DL2	K084-DUP1DL2	SOIL	Aroclor-1268	1800	D	104	514	ug/kg
			Total Concentration:	**9,600.000**				
Client ID :	**K084-DUP2**							
Q1438-07	K084-DUP2	SOIL	Aroclor-1254	2100	E	4.00	25.1	ug/kg
Q1438-07	K084-DUP2	SOIL	Aroclor-1268	107		5.10	25.1	ug/kg
			Total Concentration:	**2,207.000**				

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Hit Summary Sheet
SW-846

SDG No.: Q1438 **Order ID:** Q1438

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-DUP2DL								
Q1438-07DL	K084-DUP2DL	SOIL	Aroclor-1254	2500	D	40.4	251	ug/kg
Q1438-07DL	K084-DUP2DL	SOIL	Aroclor-1268	148	JD	50.7	251	ug/kg
			Total Concentration:	**2,648.000**				
Client ID : K084-DUP3								
Q1438-08	K084-DUP3	SOIL	Aroclor-1254	9500	E	3.20	20.1	ug/kg
Q1438-08	K084-DUP3	SOIL	Aroclor-1268	532	E	4.10	20.1	ug/kg
			Total Concentration:	**10,032.000**				
Client ID : K084-DUP3DL								
Q1438-08DL	K084-DUP3DL	SOIL	Aroclor-1254	11000	ED	9.70	60.3	ug/kg
Q1438-08DL	K084-DUP3DL	SOIL	Aroclor-1268	584	D	12.2	60.3	ug/kg
Q1438-08DL	K084-DUP3DL	SOIL	Total PCBs	11000	ED	21.9	60.3	ug/kg
			Total Concentration:	**22,584.000**				
Client ID : K084-DUP3DL2								
Q1438-08DL2	K084-DUP3DL2	SOIL	Aroclor-1254	12000	D	96.8	603	ug/kg
Q1438-08DL2	K084-DUP3DL2	SOIL	Aroclor-1268	710	D	122	603	ug/kg
			Total Concentration:	**12,710.000**				
Client ID : K084-DUP4								
Q1438-09	K084-DUP4	SOIL	Aroclor-1254	75.3		4.20	26.0	ug/kg
			Total Concentration:	**75.300**				
Client ID : K084-DUP5								
Q1438-10	K084-DUP5	SOIL	Aroclor-1254	2500	E	3.40	21.3	ug/kg
Q1438-10	K084-DUP5	SOIL	Aroclor-1268	1600	E	4.30	21.3	ug/kg
			Total Concentration:	**4,100.000**				
Client ID : K084-DUP5DL								
Q1438-10DL	K084-DUP5DL	SOIL	Aroclor-1254	2900	D	34.1	213	ug/kg
Q1438-10DL	K084-DUP5DL	SOIL	Aroclor-1268	1900	D	42.9	213	ug/kg

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Hit Summary Sheet
SW-846

SDG No.: Q1438 **Order ID:** Q1438

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:	**4,800.000**				

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits 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-PO109522.D	PIBLK-PO109522.D	Tetrachloro-m-xylene	1	20	16.1	80		60	140
		Decachlorobiphenyl	1	20	15.6	78		60	140
		Tetrachloro-m-xylene	2	20	16.9	84		60	140
		Decachlorobiphenyl	2	20	17.7	89		60	140
PB166892BL	PB166892BL	Tetrachloro-m-xylene	1	20	22.0	110		32	144
		Decachlorobiphenyl	1	20	20.8	104		32	175
		Tetrachloro-m-xylene	2	20	21.9	110		32	144
		Decachlorobiphenyl	2	20	24.2	121		32	175
PB166892BS	PB166892BS	Tetrachloro-m-xylene	1	20	20.3	102		32	144
		Decachlorobiphenyl	1	20	20.7	104		32	175
		Tetrachloro-m-xylene	2	20	20.5	102		32	144
		Decachlorobiphenyl	2	20	23.3	117		32	175
Q1438-02	K084-15B	Tetrachloro-m-xylene	1	20	19.0	95		32	144
		Decachlorobiphenyl	1	20	71.4	357	*	32	175
		Tetrachloro-m-xylene	2	20	19.8	99		32	144
		Decachlorobiphenyl	2	20	78.8	394	*	32	175
Q1438-04	K084-16B	Tetrachloro-m-xylene	1	20	21.5	107		32	144
		Decachlorobiphenyl	1	20	46.9	234	*	32	175
		Tetrachloro-m-xylene	2	20	22.1	111		32	144
		Decachlorobiphenyl	2	20	52.7	263	*	32	175
Q1438-06	K084-DUP1	Tetrachloro-m-xylene	1	20	25.9	130		32	144
		Decachlorobiphenyl	1	20	127	635	*	32	175
		Tetrachloro-m-xylene	2	20	26.7	133		32	144
		Decachlorobiphenyl	2	20	138	692	*	32	175
Q1438-07	K084-DUP2	Tetrachloro-m-xylene	1	20	23.6	118		32	144
		Decachlorobiphenyl	1	20	26.0	130		32	175
		Tetrachloro-m-xylene	2	20	24.8	124		32	144
		Decachlorobiphenyl	2	20	29.1	145		32	175
Q1438-08	K084-DUP3	Tetrachloro-m-xylene	1	20	21.2	106		32	144
		Decachlorobiphenyl	1	20	83.5	417	*	32	175
		Tetrachloro-m-xylene	2	20	22.8	114		32	144
		Decachlorobiphenyl	2	20	94.1	470	*	32	175
Q1438-10	K084-DUP5	Tetrachloro-m-xylene	1	20	23.5	117		32	144
		Decachlorobiphenyl	1	20	181	907	*	32	175
		Tetrachloro-m-xylene	2	20	25.1	126		32	144
		Decachlorobiphenyl	2	20	198	991	*	32	175
I.BLK-PO109537.D	PIBLK-PO109537.D	Tetrachloro-m-xylene	1	20	16.0	80		60	140

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Surrogate Summary

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO109537.D	PIBLK-PO109537.D	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
Q1442-03MS	351MS	Tetrachloro-m-xylene	1	20	17.9	89		32	144
		Decachlorobiphenyl	1	20	12.4	62		32	175
		Tetrachloro-m-xylene	2	20	18.9	94		32	144
		Decachlorobiphenyl	2	20	14.7	73		32	175
Q1442-03MSD	351MSD	Tetrachloro-m-xylene	1	20	18.0	90		32	144
		Decachlorobiphenyl	1	20	13.2	66		32	175
		Tetrachloro-m-xylene	2	20	18.8	94		32	144
		Decachlorobiphenyl	2	20	14.9	75		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
I.BLK-PO109580.D	PIBLK-PO109580.D	Tetrachloro-m-xylene	1	20	16.6	83		60	140
		Decachlorobiphenyl	1	20	14.6	73		60	140
		Tetrachloro-m-xylene	2	20	17.6	88		60	140
		Decachlorobiphenyl	2	20	16.4	82		60	140
Q1438-02DL	K084-15BDL	Tetrachloro-m-xylene	1	20	20.2	101		32	144
		Decachlorobiphenyl	1	20	77.5	388	*	32	175
		Tetrachloro-m-xylene	2	20	21.2	106		32	144
		Decachlorobiphenyl	2	20	86.6	433	*	32	175
Q1438-04DL	K084-16BDL	Tetrachloro-m-xylene	1	20	24.0	120		32	144
		Decachlorobiphenyl	1	20	53.9	270	*	32	175
		Tetrachloro-m-xylene	2	20	24.7	124		32	144
		Decachlorobiphenyl	2	20	60.8	304	*	32	175
Q1438-06DL	K084-DUP1DL	Tetrachloro-m-xylene	1	20	30.3	152	*	32	144
		Decachlorobiphenyl	1	20	145	725	*	32	175
		Tetrachloro-m-xylene	2	20	30.8	154	*	32	144
		Decachlorobiphenyl	2	20	158	792	*	32	175
Q1438-06DL2	K084-DUP1DL2	Tetrachloro-m-xylene	1	20	33.0	165	*	32	144
		Decachlorobiphenyl	1	20	161	806	*	32	175
		Tetrachloro-m-xylene	2	20	33.0	165	*	32	144
		Decachlorobiphenyl	2	20	179	895	*	32	175
Q1438-07DL	K084-DUP2DL	Tetrachloro-m-xylene	1	20	29.4	147	*	32	144
		Decachlorobiphenyl	1	20	32.3	162		32	175
		Tetrachloro-m-xylene	2	20	30.4	152	*	32	144
		Decachlorobiphenyl	2	20	36.7	184	*	32	175
Q1438-08DL	K084-DUP3DL	Tetrachloro-m-xylene	1	20	23.9	119		32	144
		Decachlorobiphenyl	1	20	95.6	478	*	32	175

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Surrogate Summary

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1438-08DL	K084-DUP3DL	Tetrachloro-m-xylene	2	20	25.1	126		32	144
		Decachlorobiphenyl	2	20	104	519	*	32	175
Q1438-08DL2	K084-DUP3DL2	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
Q1438-10DL	K084-DUP5DL	Tetrachloro-m-xylene	1	20	28.7	144		32	144
		Decachlorobiphenyl	1	20	224	1118	*	32	175
		Tetrachloro-m-xylene	2	20	29.9	150	*	32	144
		Decachlorobiphenyl	2	20	242	1210	*	32	175
I.BLK-PO109601.D	PIBLK-PO109601.D	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
		Decachlorobiphenyl	2	20	17.2	86		60	140
I.BLK-PO109666.D	PIBLK-PO109666.D	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
		Decachlorobiphenyl	2	20	17.8	89		60	140
Q1438-03	K084-15C	Tetrachloro-m-xylene	1	20	20.2	101		32	144
		Decachlorobiphenyl	1	20	28.2	141		32	175
		Tetrachloro-m-xylene	2	20	21.4	107		32	144
		Decachlorobiphenyl	2	20	31.9	159		32	175
Q1438-05	K084-16C	Tetrachloro-m-xylene	1	20	21.1	105		32	144
		Decachlorobiphenyl	1	20	23.7	119		32	175
		Tetrachloro-m-xylene	2	20	22.2	111		32	144
		Decachlorobiphenyl	2	20	26.2	131		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

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Surrogate Summary

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1434-02MS	K084-4CMS	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
Q1438-03DL	K084-15CDL	Tetrachloro-m-xylene	1	20	32.0	160	*	32	144
		Decachlorobiphenyl	1	20	48.4	242	*	32	175
		Tetrachloro-m-xylene	2	20	33.4	167	*	32	144
		Decachlorobiphenyl	2	20	55.0	275	*	32	175
Q1438-05DL	K084-16CDL	Tetrachloro-m-xylene	1	20	28.7	144		32	144
		Decachlorobiphenyl	1	20	35.4	177	*	32	175
		Tetrachloro-m-xylene	2	20	29.5	148	*	32	144
		Decachlorobiphenyl	2	20	38.4	192	*	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
		Decachlorobiphenyl	2	20	21.6	108		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
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

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Surrogate Summary

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
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
Q1438-01	K084-14C	Tetrachloro-m-xylene	1	20	23.5	117		32	144
		Decachlorobiphenyl	1	20	15.6	78		32	175
		Tetrachloro-m-xylene	2	20	21.4	107		32	144
		Decachlorobiphenyl	2	20	17.0	85		32	175
Q1438-09	K084-DUP4	Tetrachloro-m-xylene	1	20	27.0	135		32	144
		Decachlorobiphenyl	1	20	23.8	119		32	175
		Tetrachloro-m-xylene	2	20	26.2	131		32	144
		Decachlorobiphenyl	2	20	25.2	126		32	175
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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A **DataFile :** PO109542.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**351MS**											
Q1442-03MS	AR1016	190	0	180	ug/kg	95				55	146	
	AR1260	190	0	162	ug/kg	85				31	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A **DataFile :** PO109543.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**351MSD**											
Q1442-03MSD	AR1016	190.2	0	182	ug/kg	96		1		55	146	20
	AR1260	190.2	0	168	ug/kg	88		3		31	146	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A **DataFile :** PO109688.D

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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A **DataFile :** PO109689.D

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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A **DataFile :** PP070368.D

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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1438

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	Limits Low	Limits High	Limits 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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A **Datafile :** PO109525.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166892BS	AR1016	166.6	160	ug/kg	96				71	120	
	AR1260	166.6	160	ug/kg	96				65	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1438

Client: ATC Group Services LLC

Analytical Method: 8082A **Datafile :** PO109683.D

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1438

Client: ATC Group Services LLC

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

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

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166892BL

Lab Name: CHEMTECH Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: PB166892BL Lab File ID: PO109524.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): 13:16 Time Analyzed (2): 13:16

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
PB166892BS	PB166892BS	PO109525.D	02/27/2025	02/27/2025
K084-15B	Q1438-02	PO109526.D	02/27/2025	02/27/2025
K084-16B	Q1438-04	PO109527.D	02/27/2025	02/27/2025
K084-DUP1	Q1438-06	PO109528.D	02/27/2025	02/27/2025
K084-DUP2	Q1438-07	PO109529.D	02/27/2025	02/27/2025
K084-DUP3	Q1438-08	PO109530.D	02/27/2025	02/27/2025
K084-DUP5	Q1438-10	PO109531.D	02/27/2025	02/27/2025
351MS	Q1442-03MS	PO109542.D	02/27/2025	02/27/2025
351MSD	Q1442-03MSD	PO109543.D	02/27/2025	02/27/2025

COMMENTS:

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167022BL

Lab Name: CHEMTECH Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

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
K084-15C	Q1438-03	PO109675.D	03/06/2025	03/06/2025
K084-16C	Q1438-05	PO109676.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

COMMENTS:

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167029BL

Lab Name: CHEMTECH Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

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
K084-14C	Q1438-01	PP070364.D	03/07/2025	03/07/2025
K084-DUP4	Q1438-09	PP070365.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

Raw Data: **PP070364.D**

Alliance TECHNICAL GROUP
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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:	K084-14C	SDG No.:	Q1438
Lab Sample ID:	Q1438-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	68.2 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
PP070364.D	1	03/07/25 08:25	03/07/25 17:06	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.00	U	5.00	24.9	ug/kg
11104-28-2	Aroclor-1221	9.40	U	9.40	24.9	ug/kg
11141-16-5	Aroclor-1232	5.00	U	5.00	24.9	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	24.9	ug/kg
12672-29-6	Aroclor-1248	11.6	U	11.6	24.9	ug/kg
11097-69-1	Aroclor-1254	330		4.00	24.9	ug/kg
37324-23-5	Aroclor-1262	6.70	U	6.70	24.9	ug/kg
11100-14-4	Aroclor-1268	50.5		5.00	24.9	ug/kg
11096-82-5	Aroclor-1260	4.30	U	4.30	24.9	ug/kg
Total PCBs	Total PCBs	380		9.00	24.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.5		32 - 144	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.0		32 - 175	85%	SPK: 20

Comments:

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

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

Sample Results: **PP070364.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 17:06
Operator : YP\AJ
Sample : Q1438-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K084-14C

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 00:17:34 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	3.827	34468352	20461707	23.486	21.403
2)	SA Decachlor...	10.258	8.883	17795142	18437270	15.623	17.007
	Target Compounds						
26)	L6 AR-1254-1	6.529	5.723	15175487	13782465	267.644m	252.568
27)	L6 AR-1254-2	6.746	5.871	28421710	19723624	324.132	404.624
28)	L6 AR-1254-3	7.110	6.277	39201730	36654725	439.844	483.466
29)	L6 AR-1254-4	7.393	6.504	30061667	21490118	403.452	417.608m
30)	L6 AR-1254-5	7.826	6.922	130.5E6	109.1E6	1942.513	1614.041
41)	L9 AR-1268-1	8.750	7.746	24758414	18855967	128.887	113.762
42)	L9 AR-1268-2	8.842	7.811	16895618	22029470	102.036	151.884m#
43)	L9 AR-1268-3	9.076	8.018	10304980	10009508	71.810	81.734
44)	L9 AR-1268-4	9.495	8.312	4596702	5019616	72.907	94.380 #
45)	L9 AR-1268-5	9.914	8.617	29160698	26836313	70.111	75.549

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

Sample Results: **PP070364.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 17:06
Operator : YP\AJ
Sample : Q1438-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

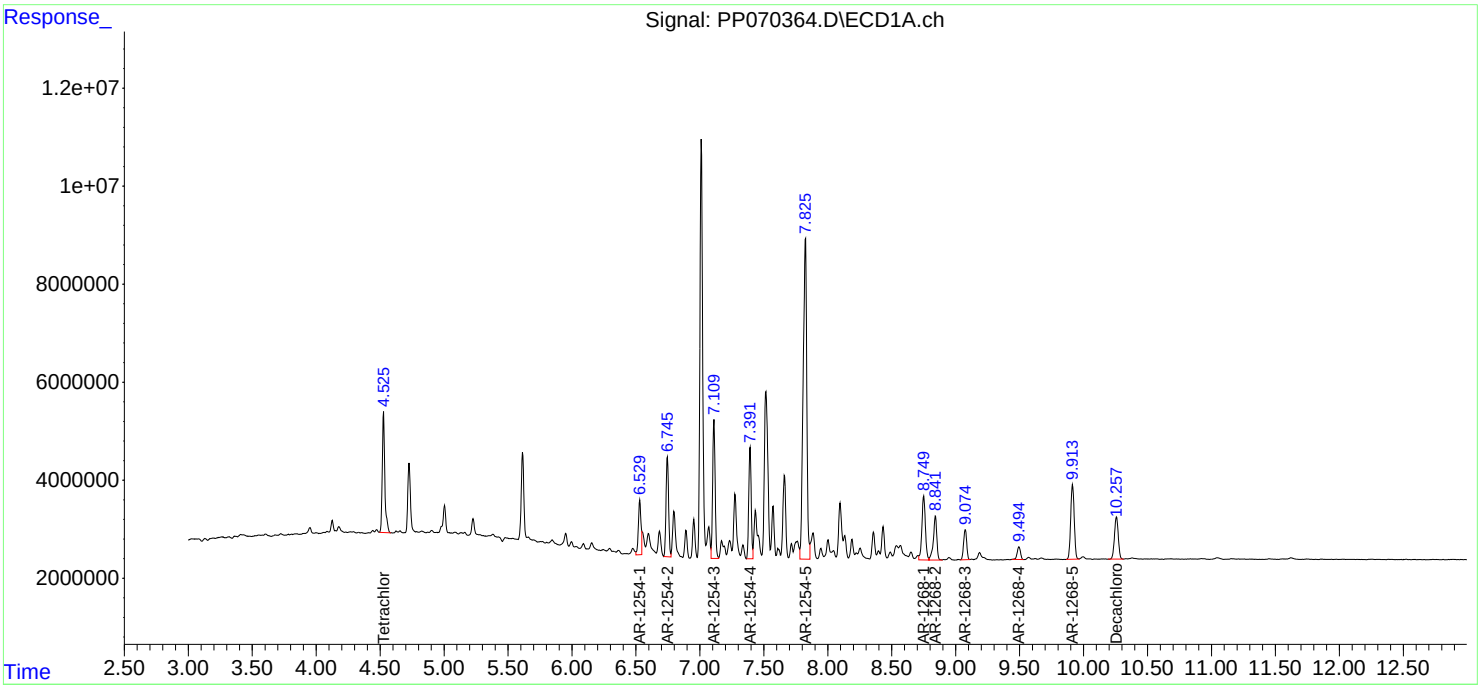
Instrument :
ECD_P
ClientSampleId :
K084-14C

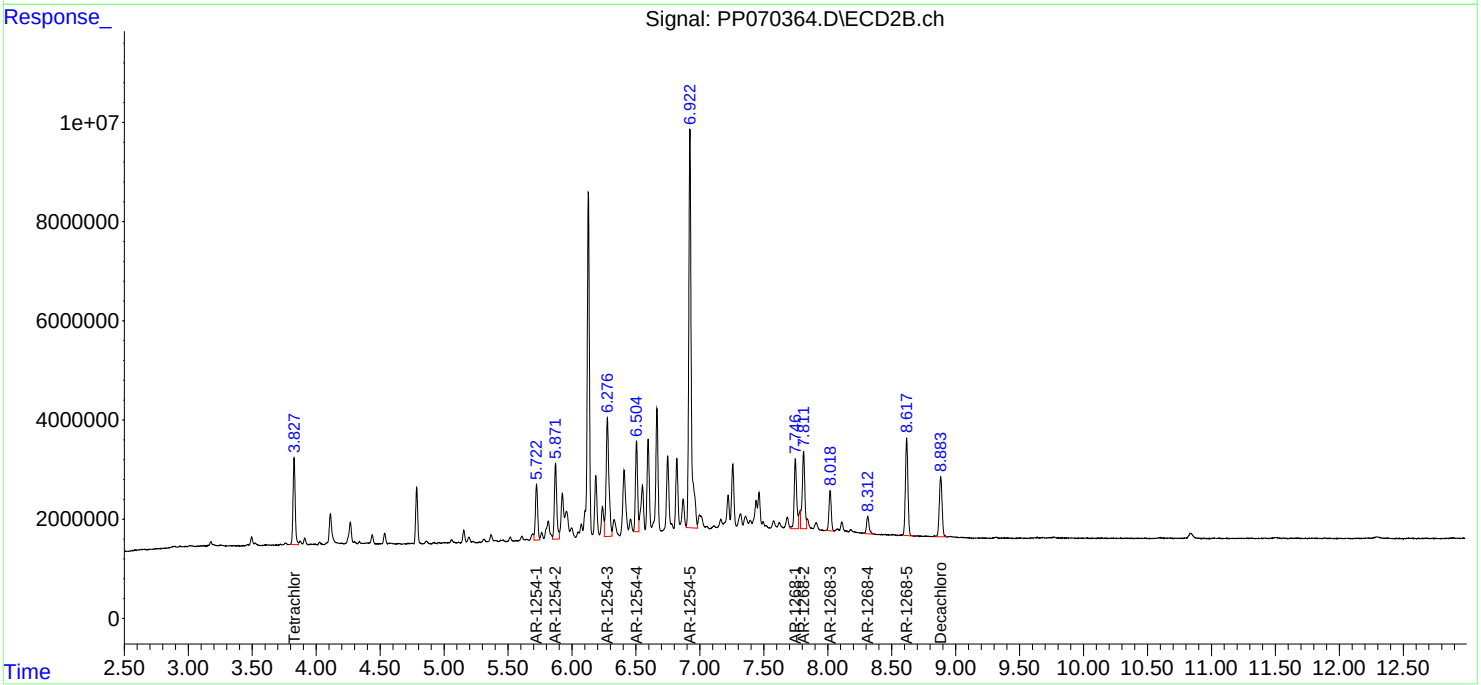
Manual Integrations APPROVED

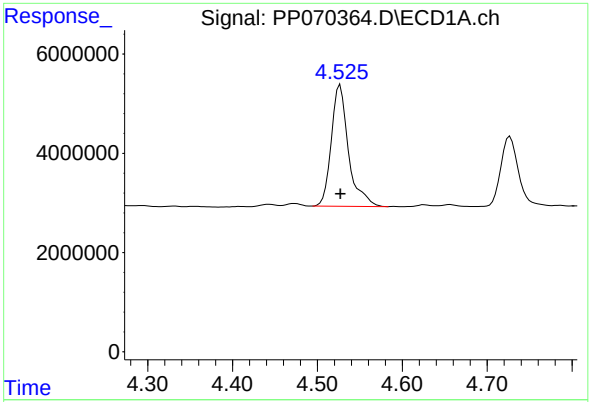
Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:17:34 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







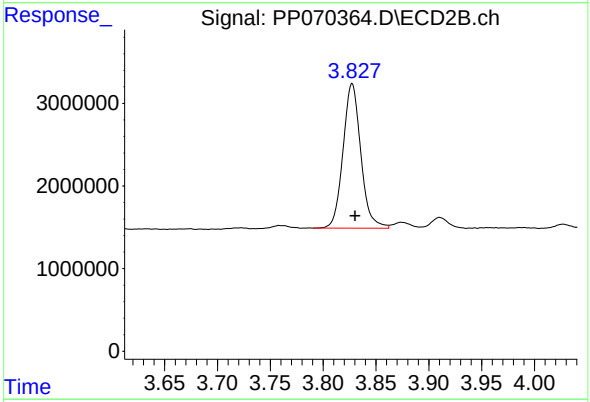
#1 Tetrachloro-m-xylene

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 34468352
Conc: 23.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-14C

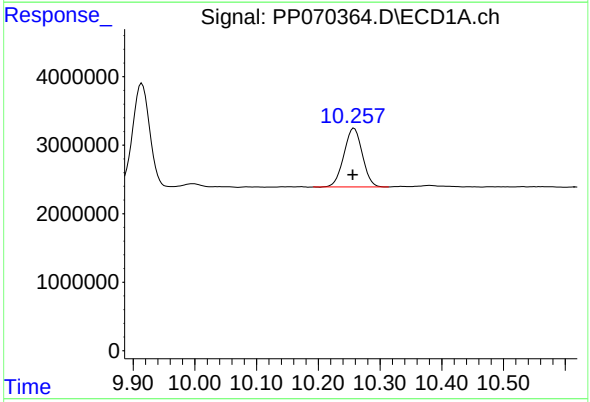
Manual Integrations APPROVED

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



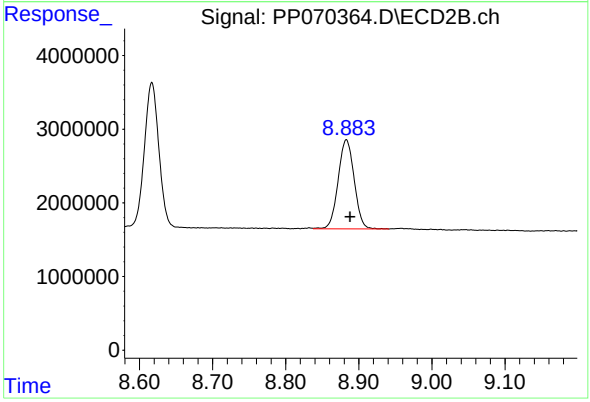
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 20461707
Conc: 21.40 ng/ml



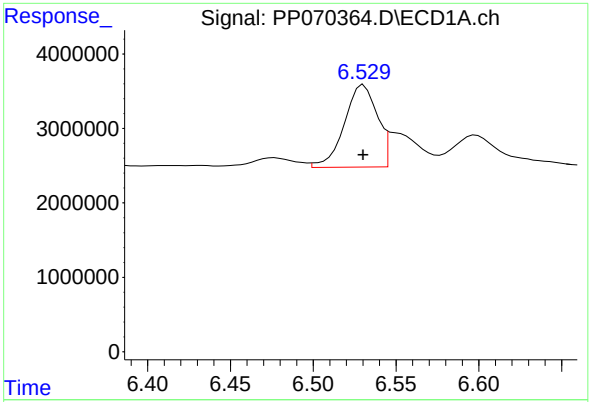
#2 Decachlorobiphenyl

R.T.: 10.258 min
Delta R.T.: 0.002 min
Response: 17795142
Conc: 15.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 18437270
Conc: 17.01 ng/ml



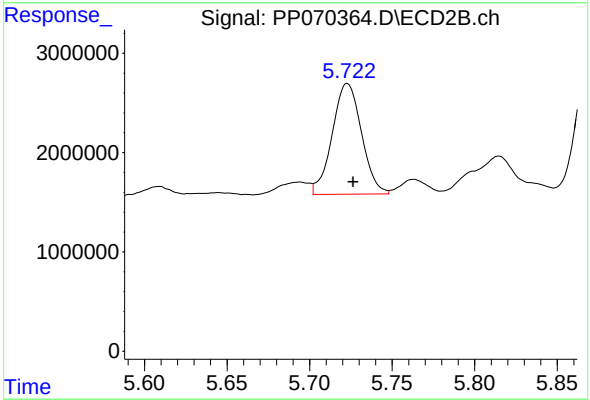
#26 AR-1254-1

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 15175487
Conc: 267.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-14C

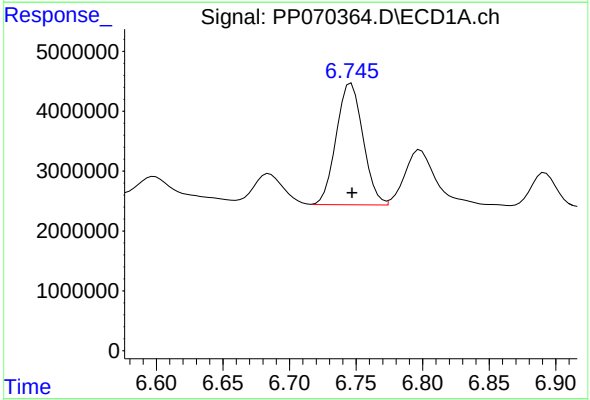
Manual Integrations
APPROVED

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



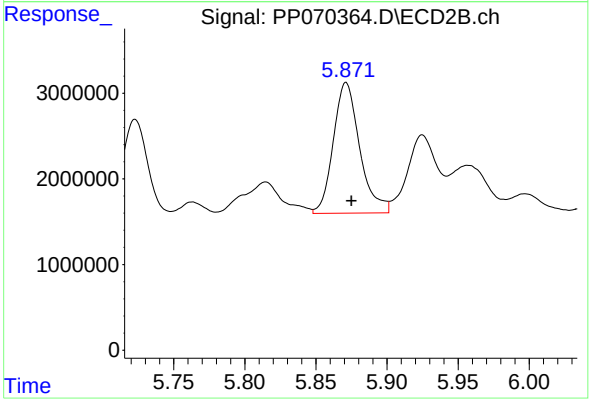
#26 AR-1254-1

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 13782465
Conc: 252.57 ng/ml



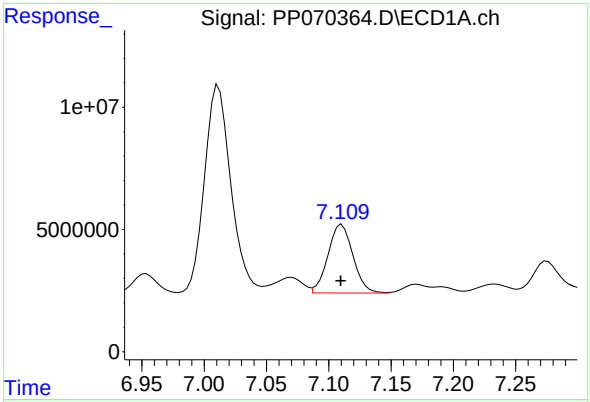
#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 28421710
Conc: 324.13 ng/ml



#27 AR-1254-2

R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 19723624
Conc: 404.62 ng/ml



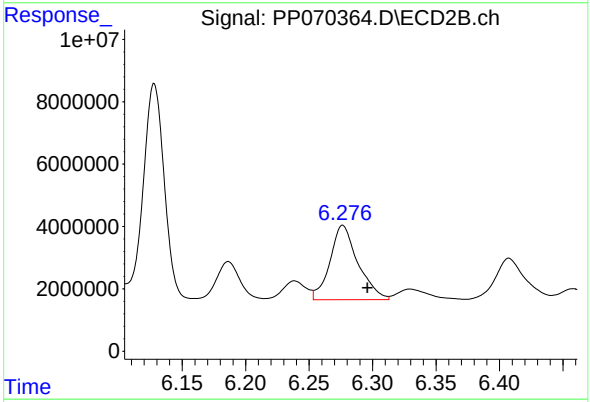
#28 AR-1254-3

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 39201730
Conc: 439.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-14C

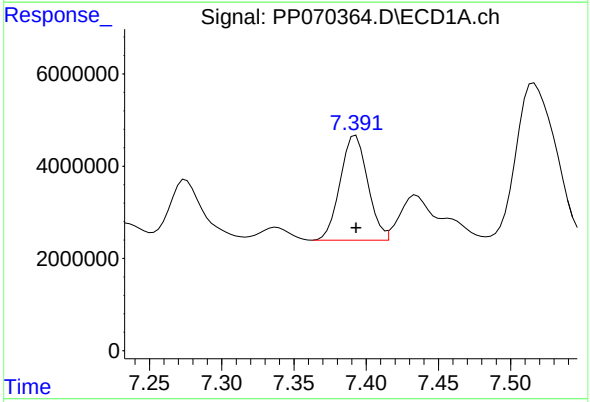
Manual Integrations
APPROVED

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



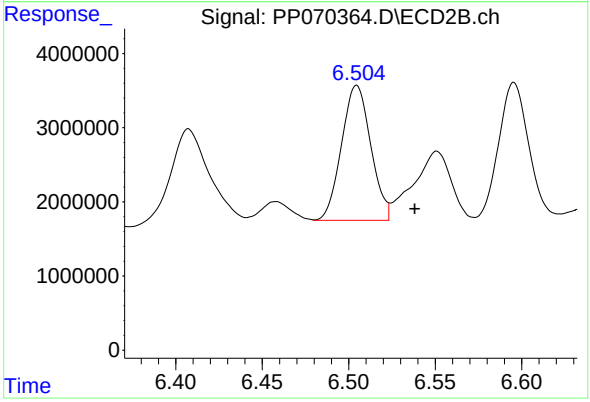
#28 AR-1254-3

R.T.: 6.277 min
Delta R.T.: -0.020 min
Response: 36654725
Conc: 483.47 ng/ml



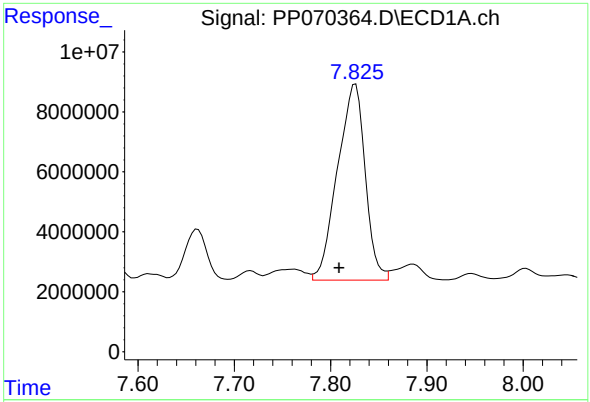
#29 AR-1254-4

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 30061667
Conc: 403.45 ng/ml



#29 AR-1254-4

R.T.: 6.504 min
Delta R.T.: -0.034 min
Response: 21490118
Conc: 417.61 ng/ml m



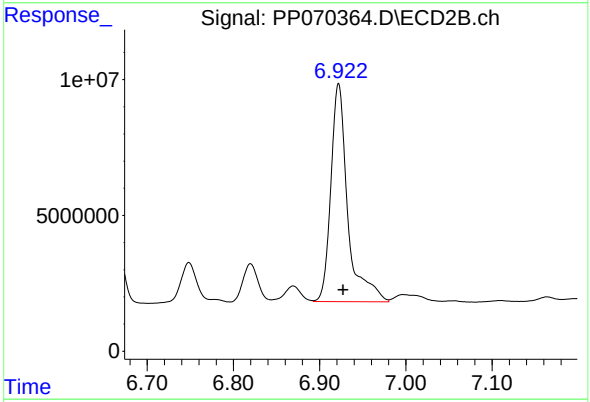
#30 AR-1254-5

R.T.: 7.826 min
Delta R.T.: 0.017 min
Response: 130463617
Conc: 1942.51 ng/m

Instrument :
ECD_P
ClientSampleId :
K084-14C

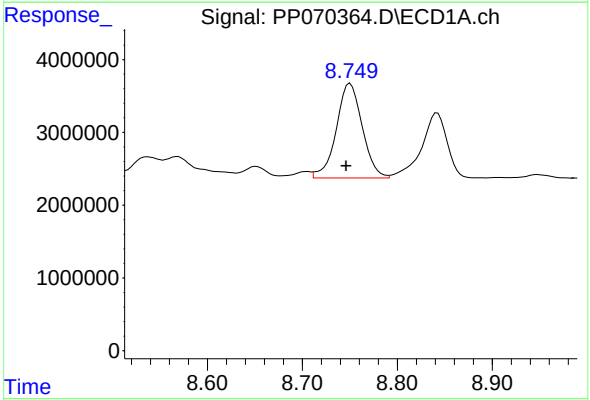
Manual Integrations
APPROVED

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



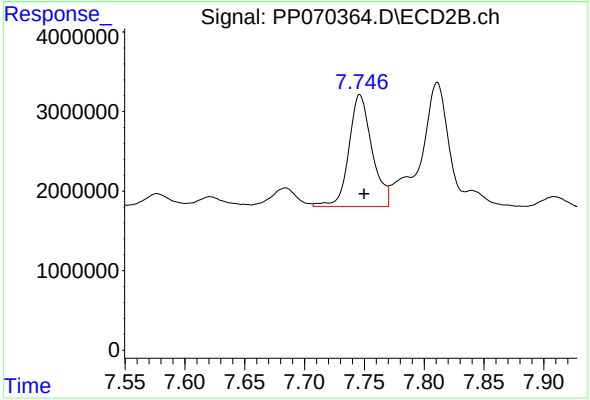
#30 AR-1254-5

R.T.: 6.922 min
Delta R.T.: -0.005 min
Response: 109059480
Conc: 1614.04 ng/ml



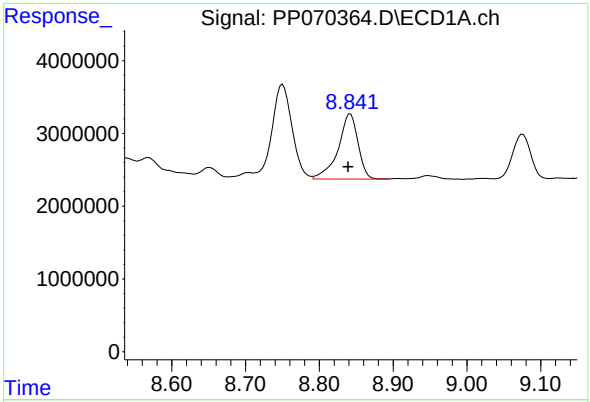
#41 AR-1268-1

R.T.: 8.750 min
Delta R.T.: 0.004 min
Response: 24758414
Conc: 128.89 ng/ml



#41 AR-1268-1

R.T.: 7.746 min
Delta R.T.: -0.004 min
Response: 18855967
Conc: 113.76 ng/ml



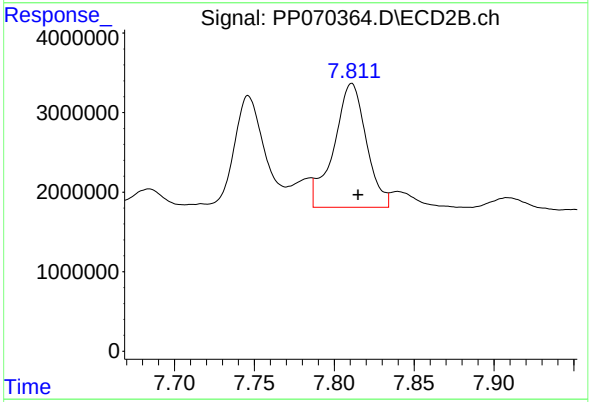
#42 AR-1268-2

R.T.: 8.842 min
Delta R.T.: 0.003 min
Response: 16895618
Conc: 102.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-14C

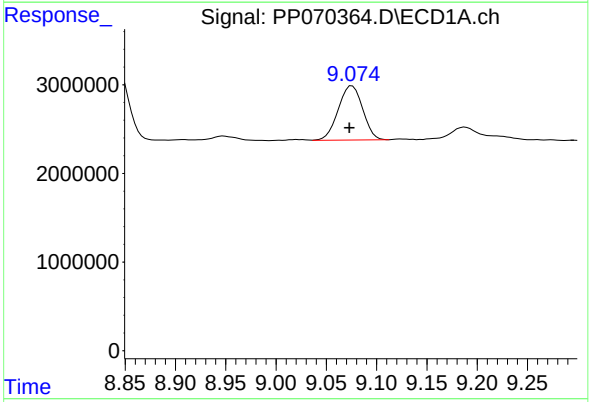
Manual Integrations APPROVED

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



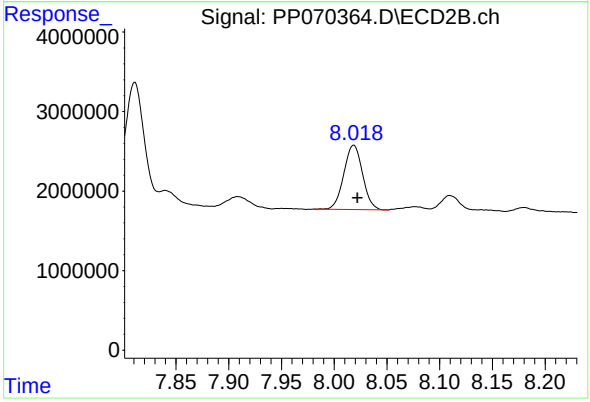
#42 AR-1268-2

R.T.: 7.811 min
Delta R.T.: -0.004 min
Response: 22029470
Conc: 151.88 ng/ml m



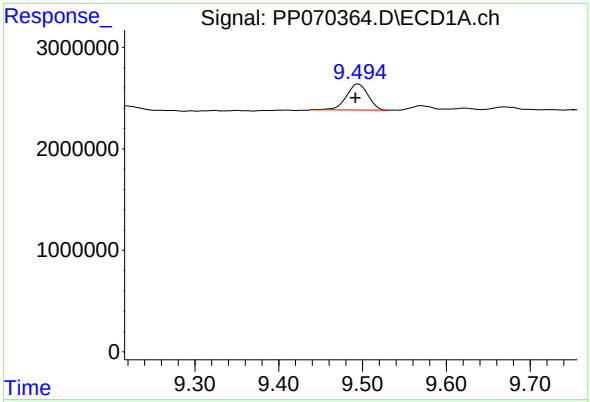
#43 AR-1268-3

R.T.: 9.076 min
Delta R.T.: 0.003 min
Response: 10304980
Conc: 71.81 ng/ml



#43 AR-1268-3

R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 10009508
Conc: 81.73 ng/ml



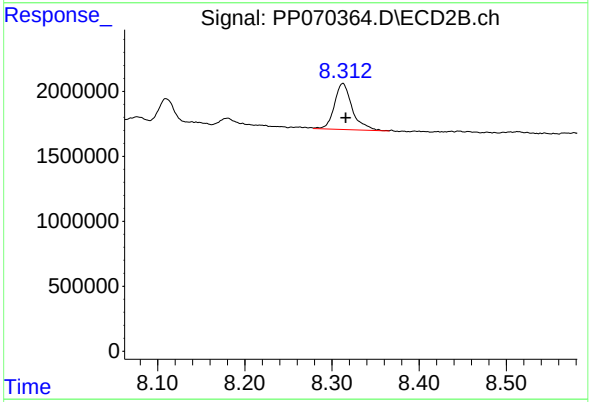
#44 AR-1268-4

R.T.: 9.495 min
Delta R.T.: 0.004 min
Response: 4596702
Conc: 72.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-14C

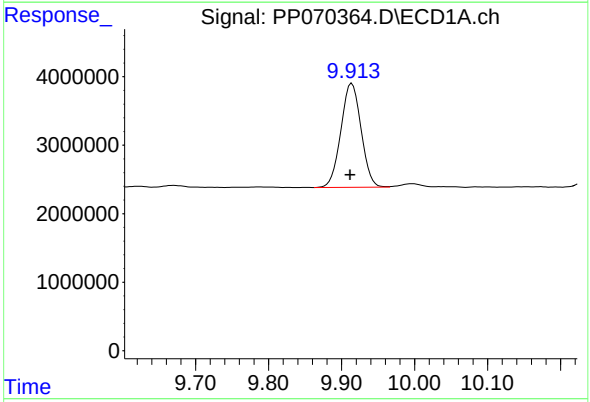
Manual Integrations APPROVED

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



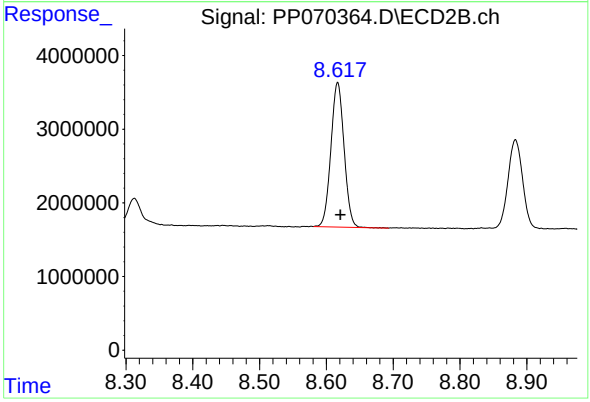
#44 AR-1268-4

R.T.: 8.312 min
Delta R.T.: -0.003 min
Response: 5019616
Conc: 94.38 ng/ml



#45 AR-1268-5

R.T.: 9.914 min
Delta R.T.: 0.003 min
Response: 29160698
Conc: 70.11 ng/ml



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.004 min
Response: 26836313
Conc: 75.55 ng/ml

Raw Data: **PO109526.D**

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

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:	K084-15B	SDG No.:	Q1438
Lab Sample ID:	Q1438-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	73.8 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
PO109526.D	1	02/27/25 09:56	02/27/25 13:53	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	23.0	ug/kg
11104-28-2	Aroclor-1221	8.70	U	8.70	23.0	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	23.0	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	23.0	ug/kg
12672-29-6	Aroclor-1248	10.7	U	10.7	23.0	ug/kg
11097-69-1	Aroclor-1254	2300	E	3.70	23.0	ug/kg
37324-23-5	Aroclor-1262	6.20	U	6.20	23.0	ug/kg
11100-14-4	Aroclor-1268	520	E	4.60	23.0	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	23.0	ug/kg
Total PCBs	Total PCBs	2900		8.30	23.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	78.8	*	32 - 175	394%	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 : PO109526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 13:53
Operator : YP/AJ
Sample : Q1438-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-15B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:38:28 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	179.8E6	103.6E6	18.999	19.789
2)	SA Decachlor...	8.755	8.705	614.5E6	251.1E6	71.439	78.844
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.579	1115.5E6	615.8E6	2163.471	2354.522
27)	L6 AR-1254-2	5.750	5.726	1343.1E6	742.7E6	2982.086	3166.251
28)	L6 AR-1254-3	6.156	6.129	2925.3E6	1615.1E6	4085.826	4527.739
29)	L6 AR-1254-4	6.386	6.357	1952.1E6	1029.0E6	4661.164	5328.167
30)	L6 AR-1254-5	6.806	6.775	5903.3E6	3143.3E6	9461.879	10593.089
41)	L9 AR-1268-1	7.633	7.598	1526.7E6	699.7E6	1152.940	1224.555
42)	L9 AR-1268-2	7.696	7.661	1694.9E6	781.1E6	1401.760	1488.048
43)	L9 AR-1268-3	7.906	7.870	961.9E6	430.4E6	944.719	1005.598
44)	L9 AR-1268-4	8.194	8.153	366.8E6	156.7E6	863.397	971.158
45)	L9 AR-1268-5	8.494	8.448	2925.0E6	1164.9E6	968.646	1065.668

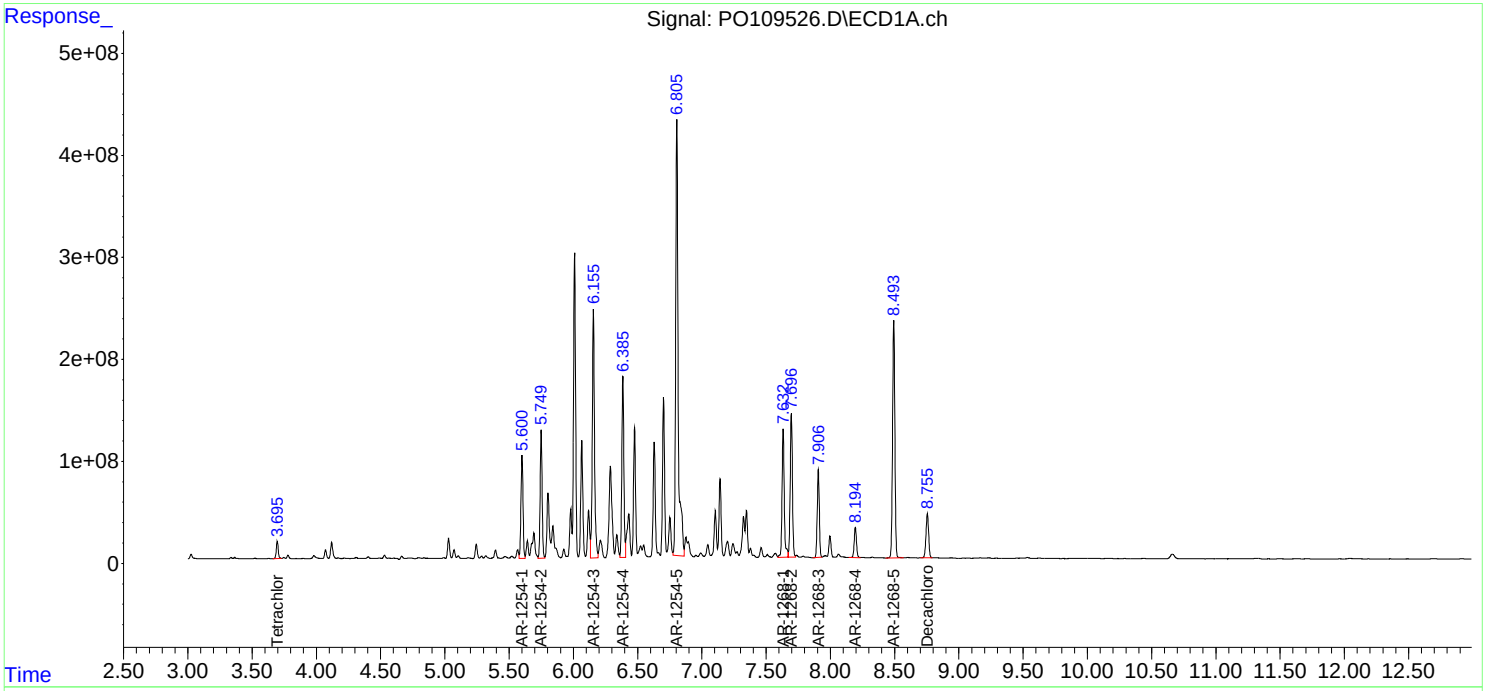
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

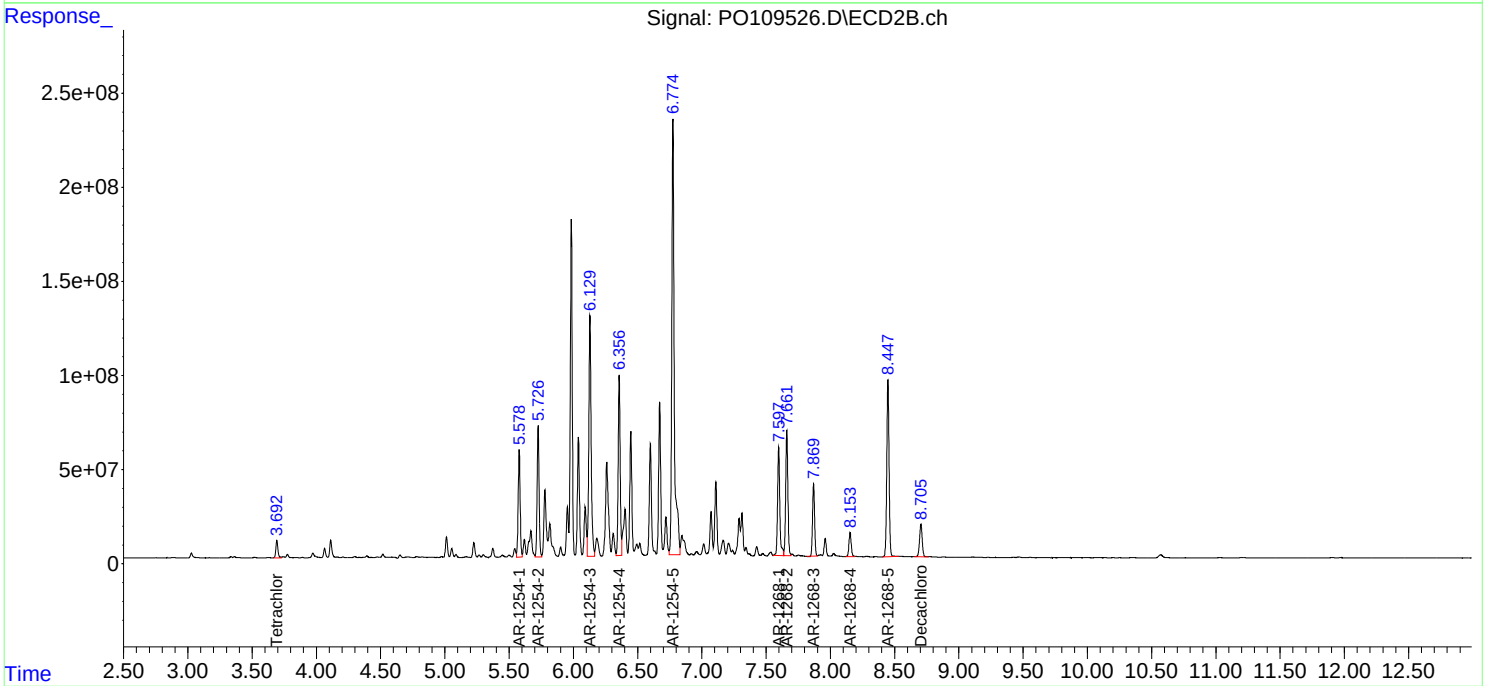
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 13:53
Operator : YP/AJ
Sample : Q1438-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

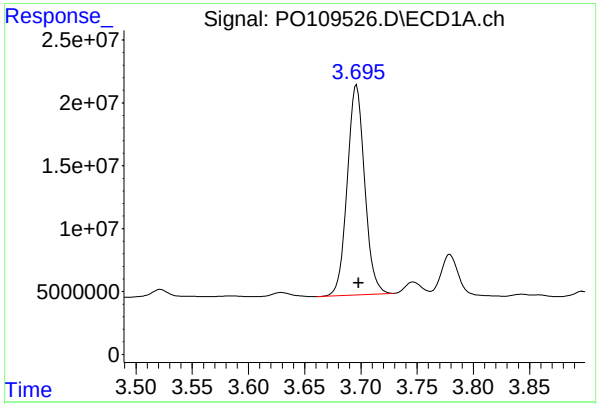
Instrument :
ECD_O
ClientSampleId :
K084-15B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:38:28 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



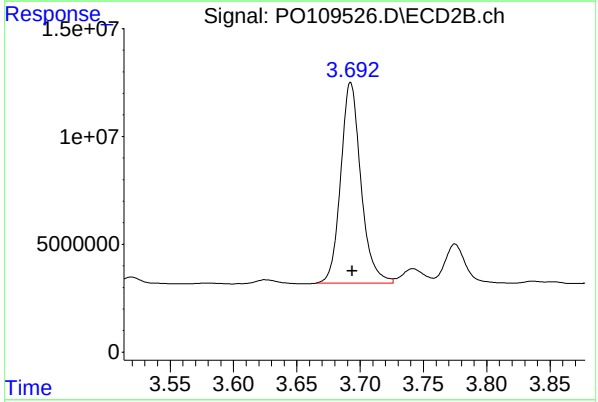




#1 Tetrachloro-m-xylene

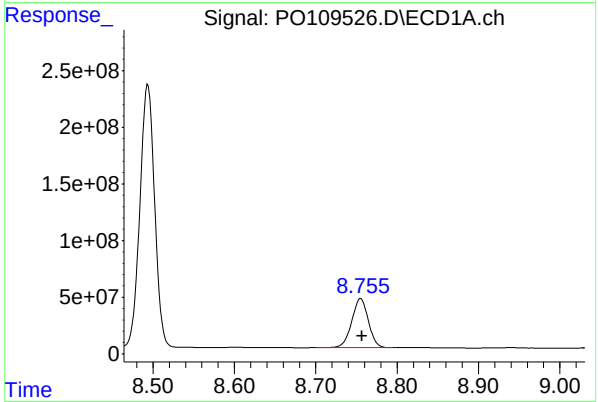
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 179831331
Conc: 19.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15B



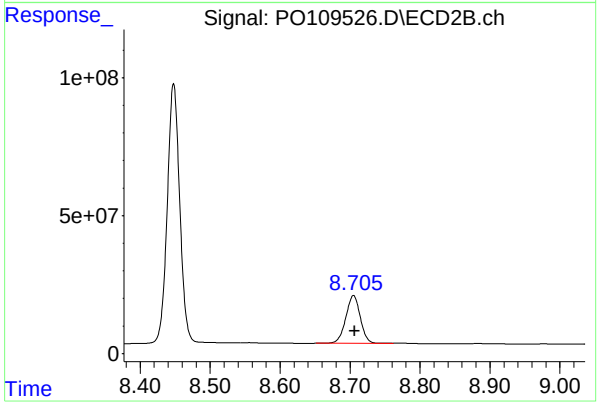
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 103579750
Conc: 19.79 ng/ml



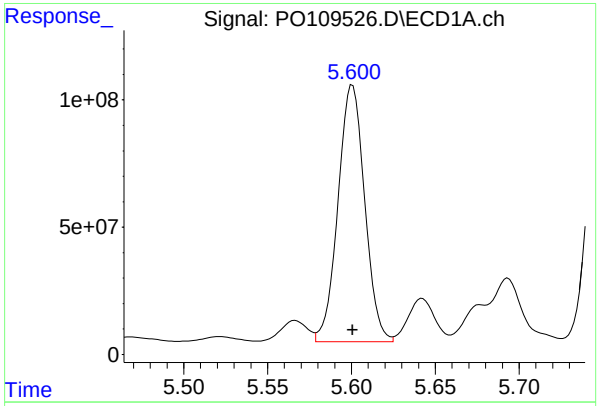
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 614507412
Conc: 71.44 ng/ml



#2 Decachlorobiphenyl

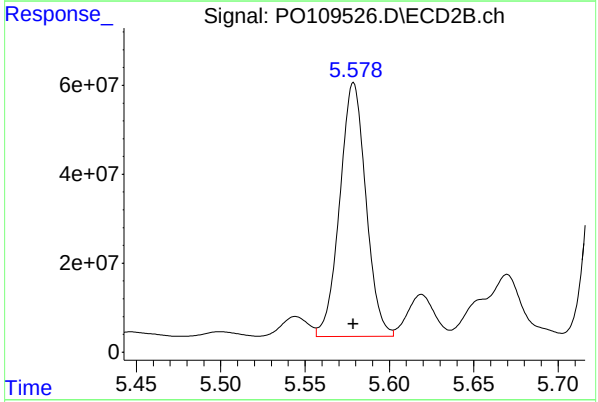
R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 251059544
Conc: 78.84 ng/ml



#26 AR-1254-1

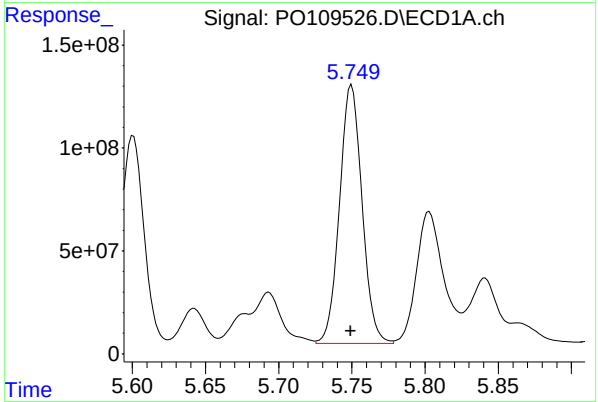
R.T.: 5.601 min
Delta R.T.: 0.000 mi
Response: 1115499942
Conc: 2163.47 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-15B



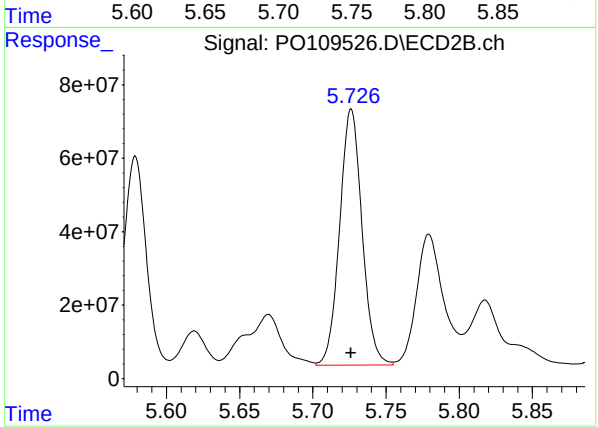
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 615797726
Conc: 2354.52 ng/ml



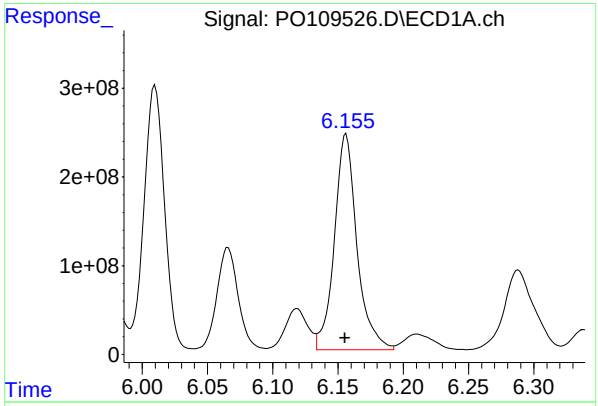
#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 1343055785
Conc: 2982.09 ng/ml



#27 AR-1254-2

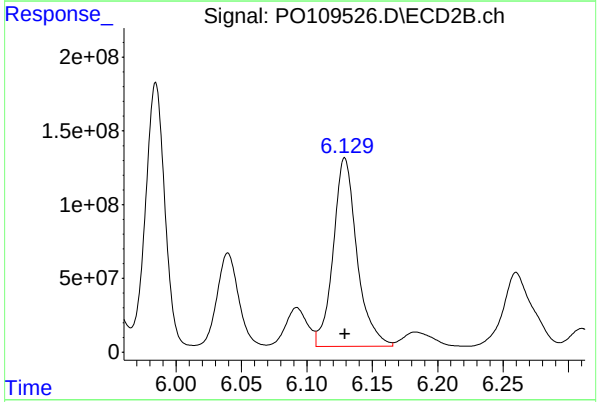
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 742680418
Conc: 3166.25 ng/ml



#28 AR-1254-3

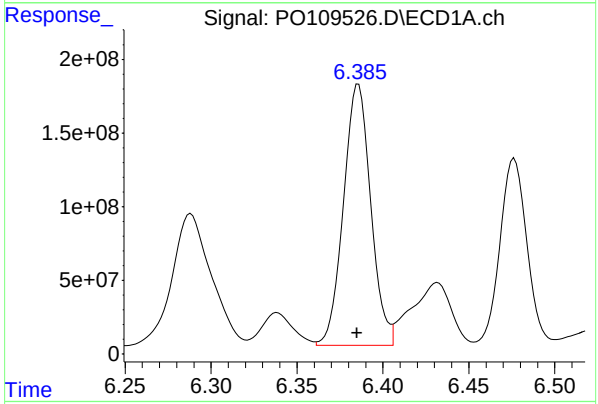
R.T.: 6.156 min
Delta R.T.: 0.000 mi
Response: 2925269482
Conc: 4085.83 ng/

Instrument :
ECD_O
ClientSampleId :
K084-15B



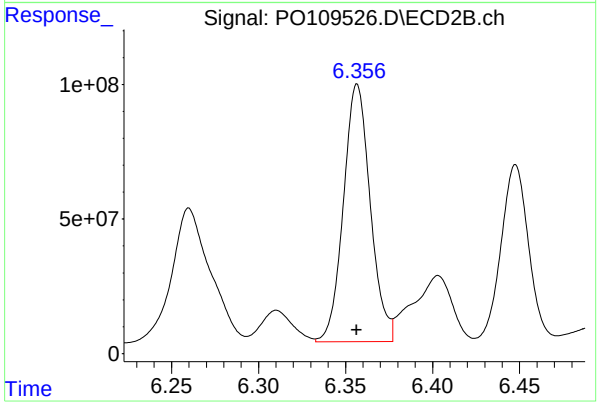
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 1615065134
Conc: 4527.74 ng/ml



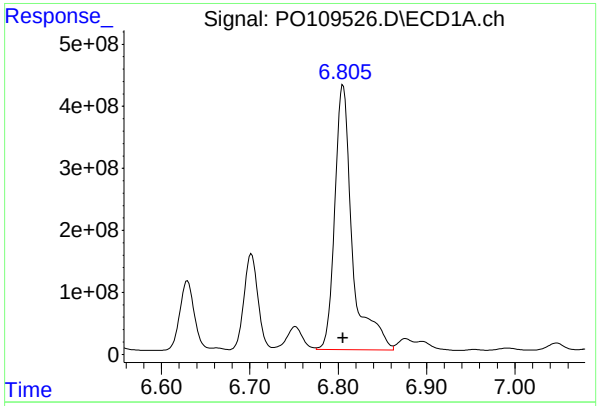
#29 AR-1254-4

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 1952055730
Conc: 4661.16 ng/ml



#29 AR-1254-4

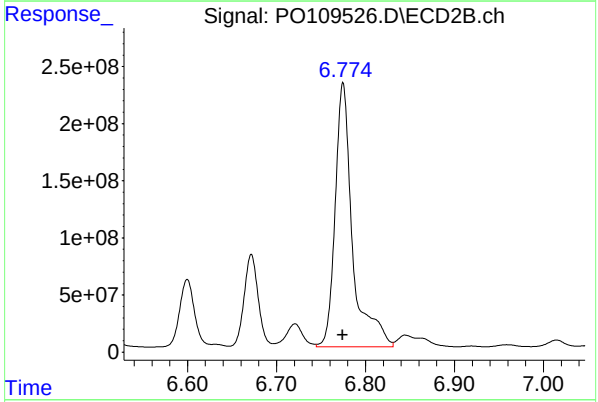
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 1028993694
Conc: 5328.17 ng/ml



#30 AR-1254-5

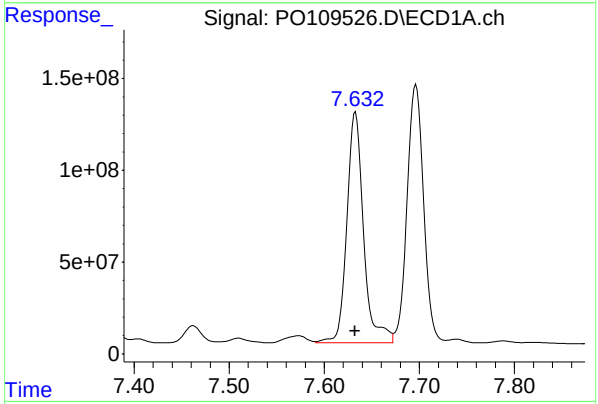
R.T.: 6.806 min
Delta R.T.: 0.000 mi
Response: 5903294442
Conc: 9461.88 ng/

Instrument :
ECD_O
ClientSampleId :
K084-15B



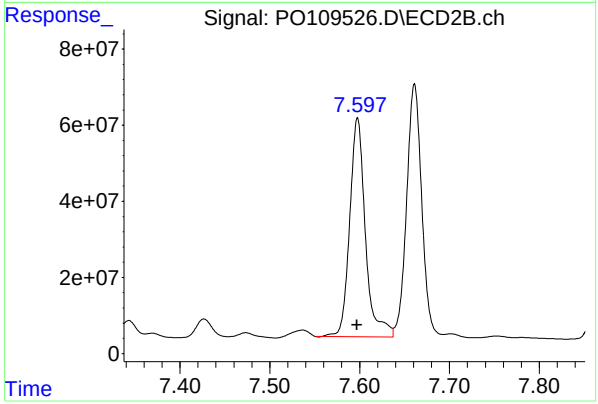
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 3143310881
Conc: 10593.09 ng/ml



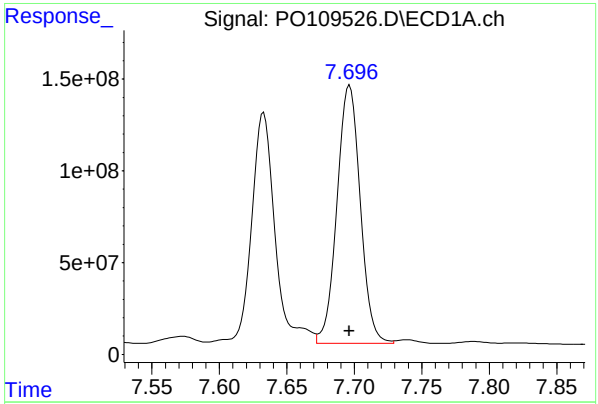
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 1526744342
Conc: 1152.94 ng/ml



#41 AR-1268-1

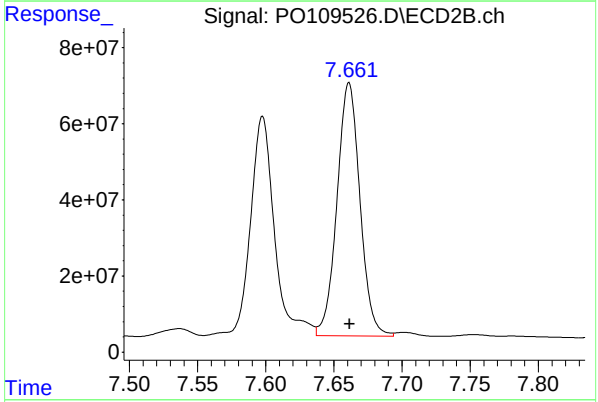
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 699725740
Conc: 1224.56 ng/ml



#42 AR-1268-2

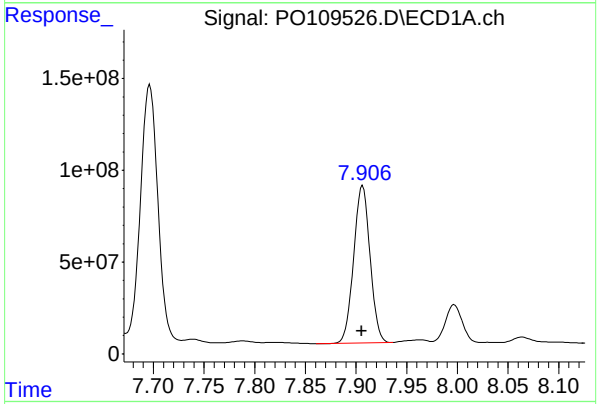
R.T.: 7.696 min
Delta R.T.: 0.000 mi
Response: 1694876844
Conc: 1401.76 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-15B



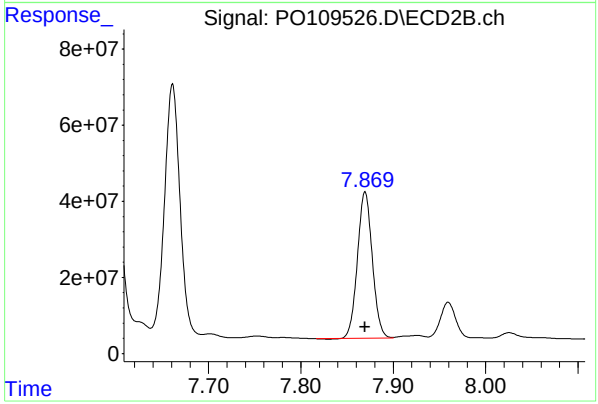
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 781141453
Conc: 1488.05 ng/ml



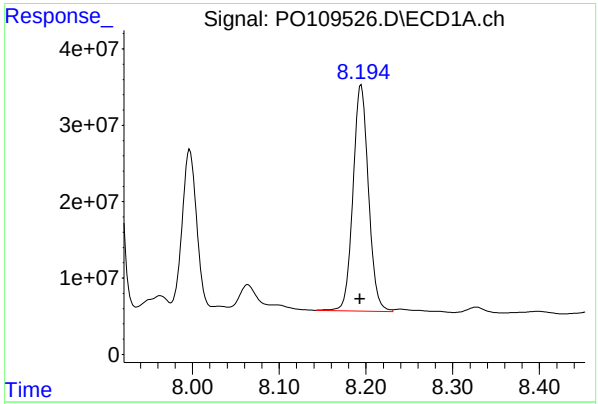
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.001 min
Response: 961891657
Conc: 944.72 ng/ml



#43 AR-1268-3

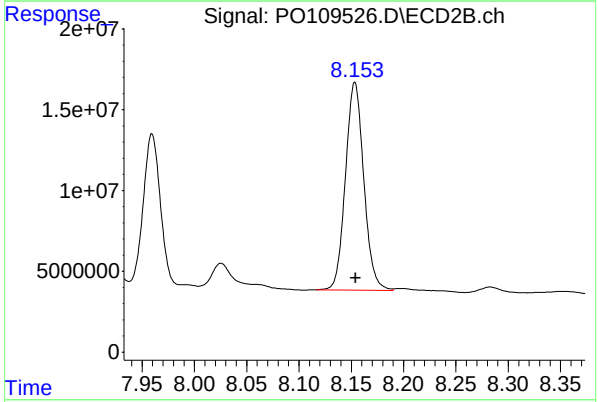
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 430439951
Conc: 1005.60 ng/ml



#44 AR-1268-4

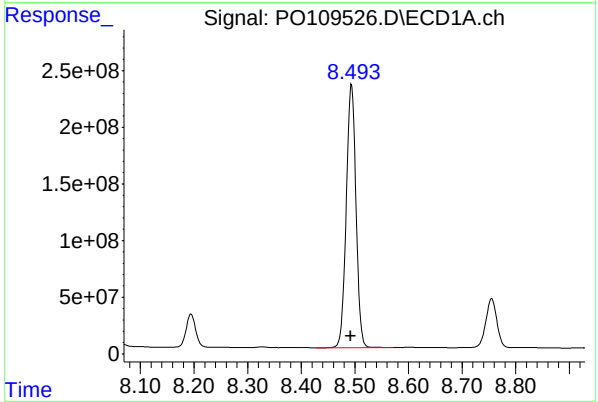
R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 366821736
Conc: 863.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15B



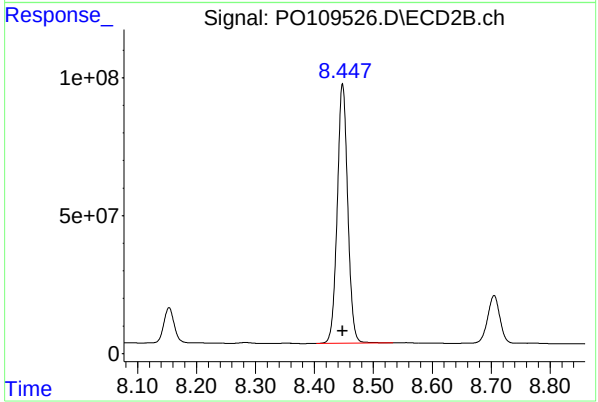
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 156681881
Conc: 971.16 ng/ml



#45 AR-1268-5

R.T.: 8.494 min
Delta R.T.: 0.002 min
Response: 2924974540
Conc: 968.65 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 1164928584
Conc: 1065.67 ng/ml

Raw Data: **PO109581.D**

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

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:	K084-15BDL	SDG No.:	Q1438
Lab Sample ID:	Q1438-02DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	73.8 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
PO109581.D	10	02/27/25 09:56	02/28/25 11:34	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	45.9	UD	45.9	230	ug/kg
11104-28-2	Aroclor-1221	86.8	UD	86.8	230	ug/kg
11141-16-5	Aroclor-1232	46.0	UD	46.0	230	ug/kg
53469-21-9	Aroclor-1242	45.9	UD	45.9	230	ug/kg
12672-29-6	Aroclor-1248	107	UD	107	230	ug/kg
11097-69-1	Aroclor-1254	2500	D	37.0	230	ug/kg
37324-23-5	Aroclor-1262	61.9	UD	61.9	230	ug/kg
11100-14-4	Aroclor-1268	557	D	46.4	230	ug/kg
11096-82-5	Aroclor-1260	39.4	UD	39.4	230	ug/kg
Total PCBs	Total PCBs	3100	D	83.4	230	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.2		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	86.6	*	32 - 175	433%	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 : PO109581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 11:34
Operator : YP/AJ
Sample : Q1438-02DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-15BDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:11:54 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...	3.696	3.693	19100853	11083094	2.018	2.117
2)	SA Decachlor...	8.754	8.705	66706508	27587663	7.755	8.664
	Target Compounds						
26)	L6 AR-1254-1	5.599	5.579	132.9E6	73548770	257.659	281.216
27)	L6 AR-1254-2	5.748	5.727	159.4E6	88430363	353.902	377.003
28)	L6 AR-1254-3	6.154	6.129	323.7E6	175.9E6	452.056	493.066
29)	L6 AR-1254-4	6.384	6.357	215.4E6	112.7E6	514.283	583.770
30)	L6 AR-1254-5	6.804	6.774	576.7E6	308.5E6	924.338	1039.766
41)	L9 AR-1268-1	7.632	7.597	159.3E6	77413338	120.316	135.477
42)	L9 AR-1268-2	7.695	7.661	169.1E6	84208020	139.856	160.413
43)	L9 AR-1268-3	7.905	7.869	98397668	46466665	96.641	108.556
44)	L9 AR-1268-4	8.192	8.153	38945166	17105625	91.666	106.025
45)	L9 AR-1268-5	8.492	8.448	275.2E6	116.1E6	91.147	106.166

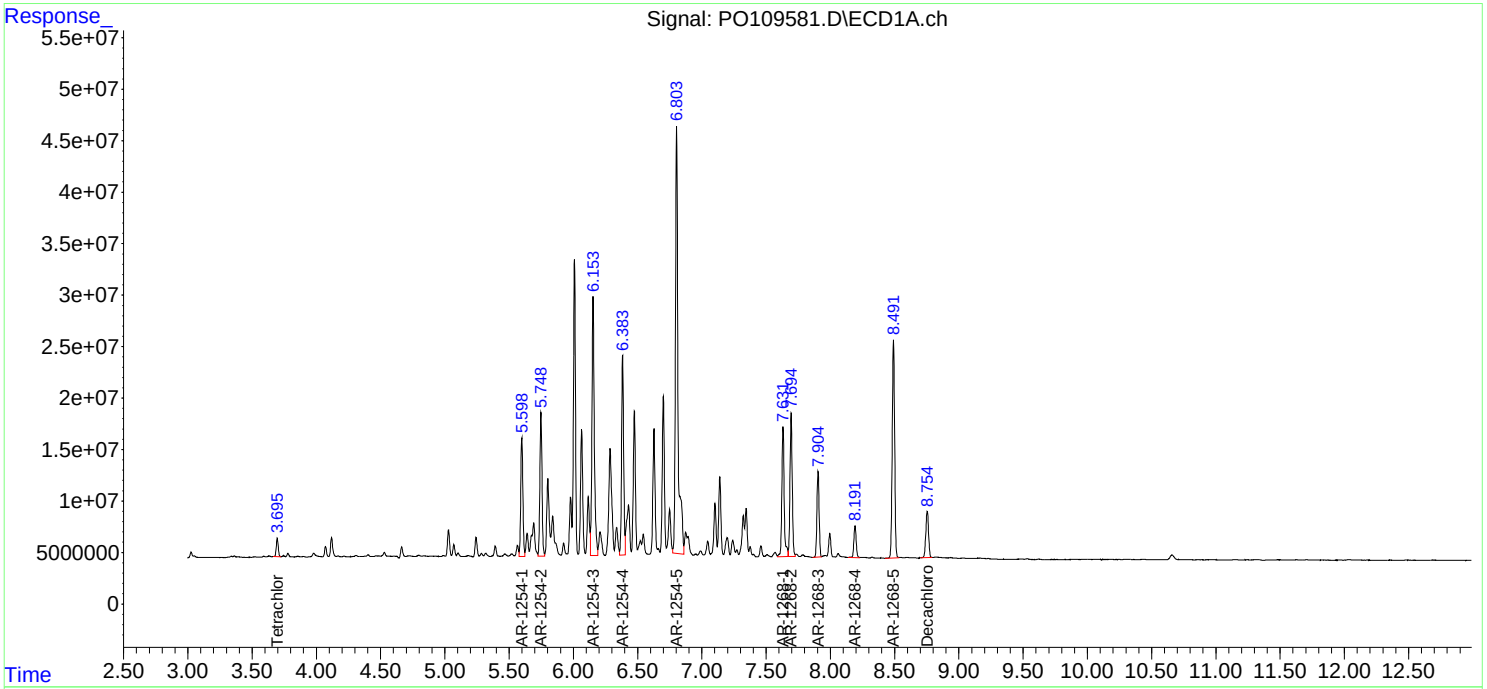
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

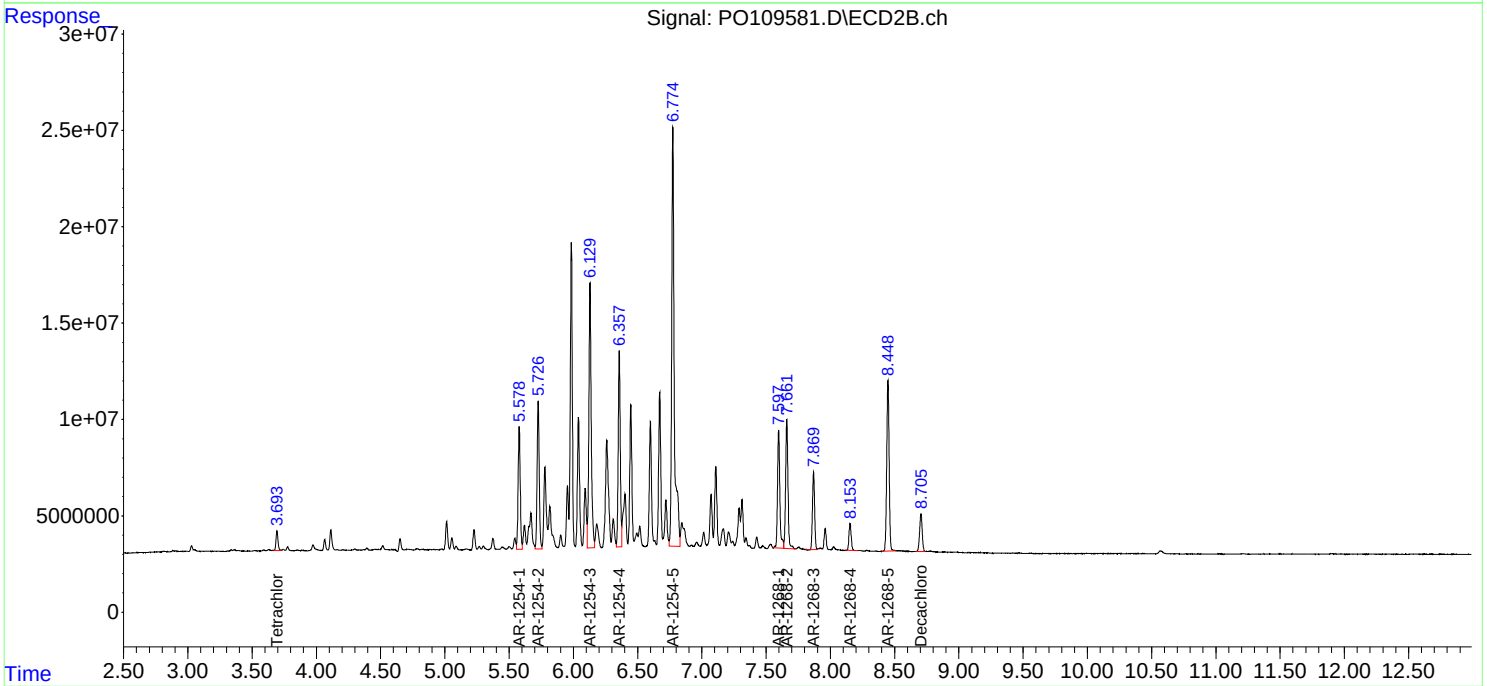
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 11:34
Operator : YP/AJ
Sample : Q1438-02DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

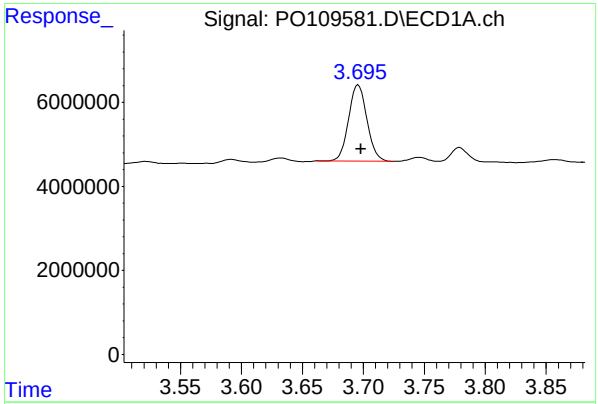
Instrument :
ECD_O
ClientSampleId :
K084-15BDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:11:54 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



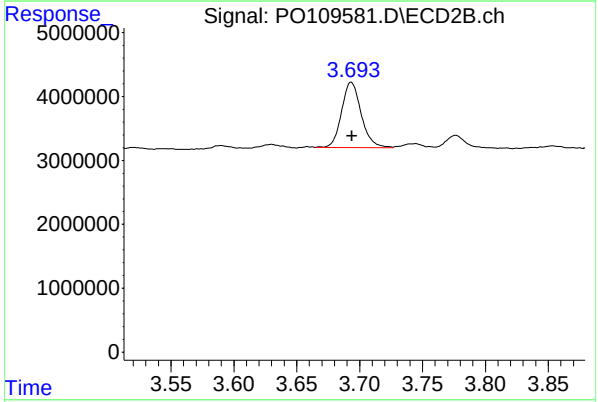




#1 Tetrachloro-m-xylene

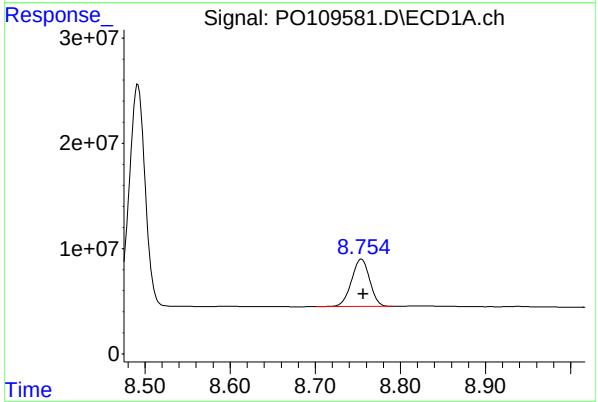
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 19100853
Conc: 2.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15BDL



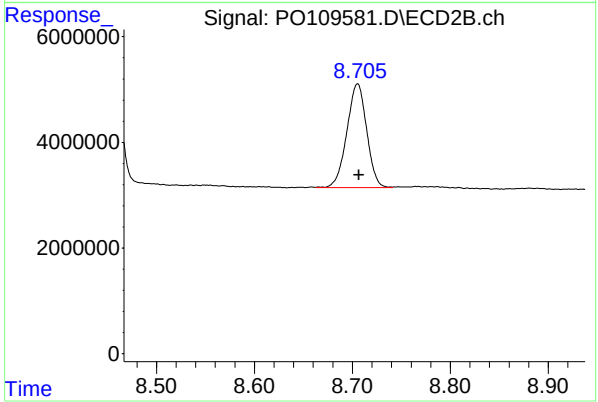
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 11083094
Conc: 2.12 ng/ml



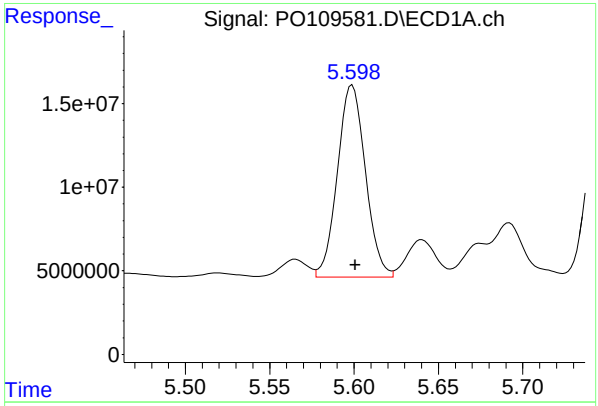
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 66706508
Conc: 7.75 ng/ml



#2 Decachlorobiphenyl

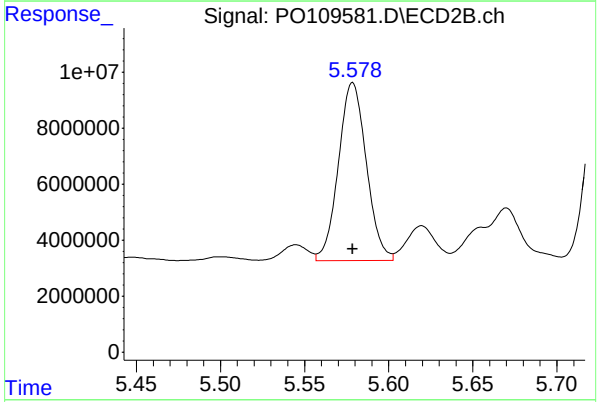
R.T.: 8.705 min
Delta R.T.: -0.001 min
Response: 27587663
Conc: 8.66 ng/ml



#26 AR-1254-1

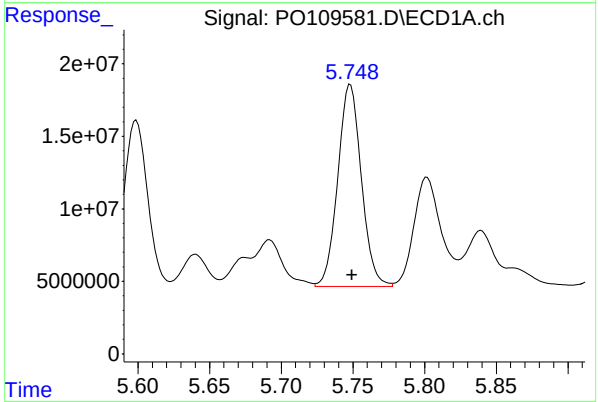
R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 132850794
Conc: 257.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15BDL



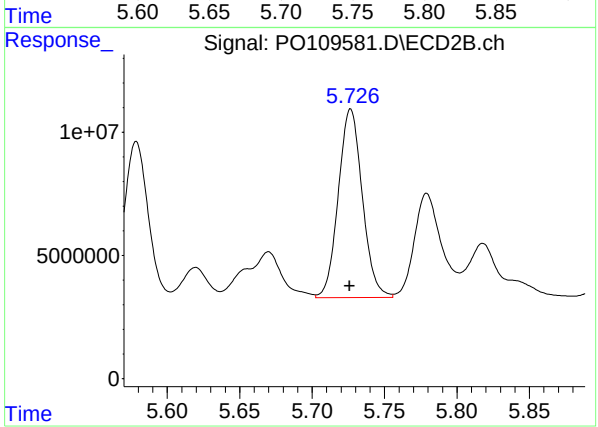
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 73548770
Conc: 281.22 ng/ml



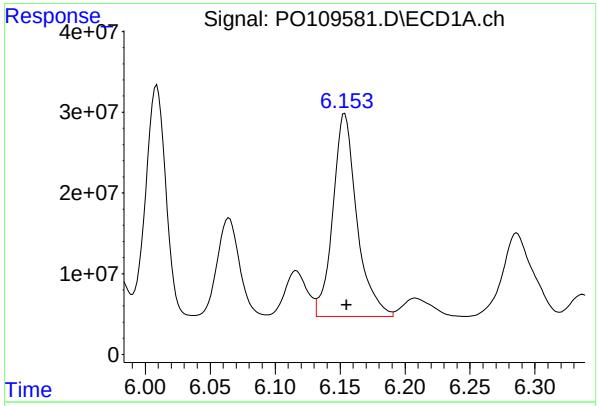
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 159388658
Conc: 353.90 ng/ml



#27 AR-1254-2

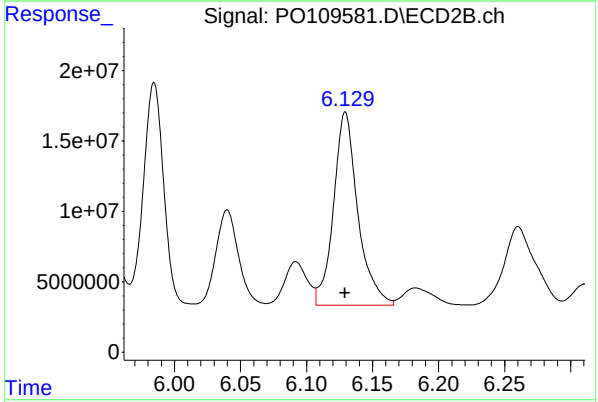
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 88430363
Conc: 377.00 ng/ml



#28 AR-1254-3

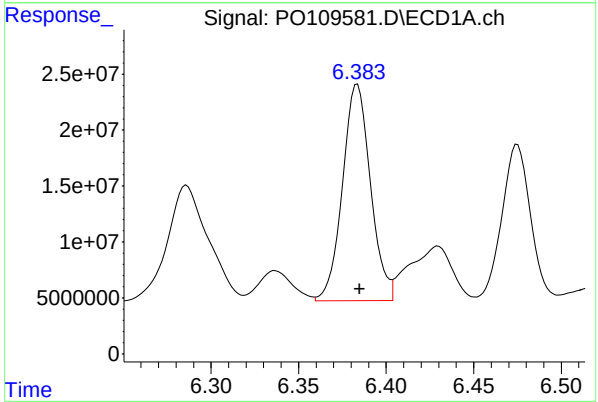
R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 323651660
Conc: 452.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15BDL



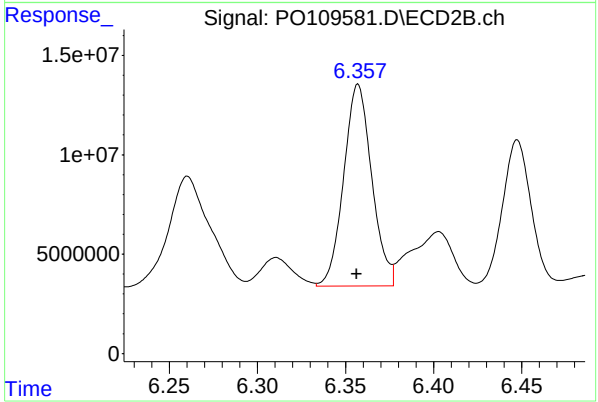
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 175878736
Conc: 493.07 ng/ml



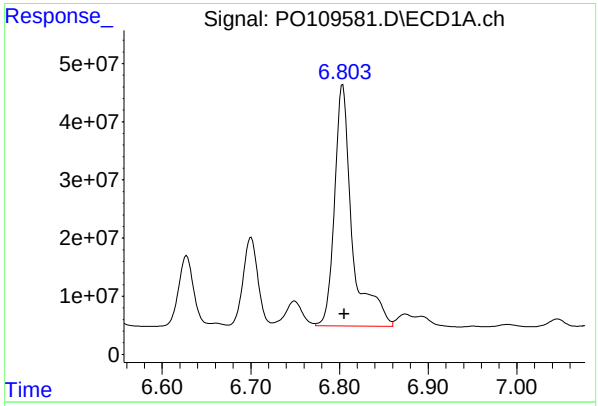
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: -0.001 min
Response: 215377201
Conc: 514.28 ng/ml



#29 AR-1254-4

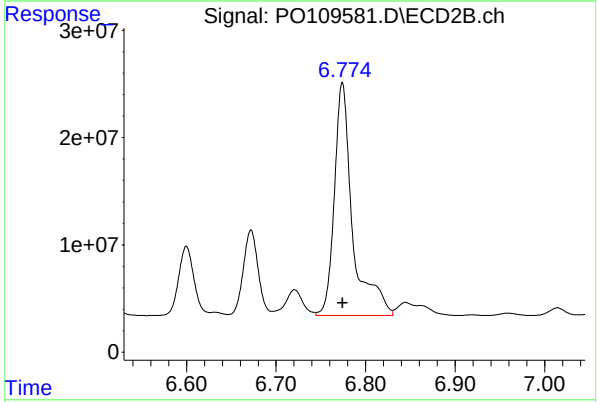
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 112739633
Conc: 583.77 ng/ml



#30 AR-1254-5

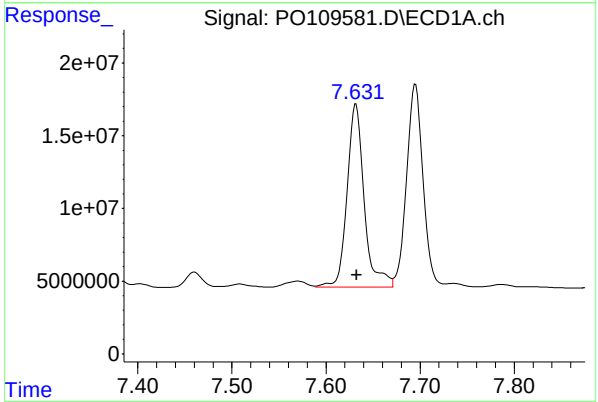
R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 576697268
Conc: 924.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15BDL



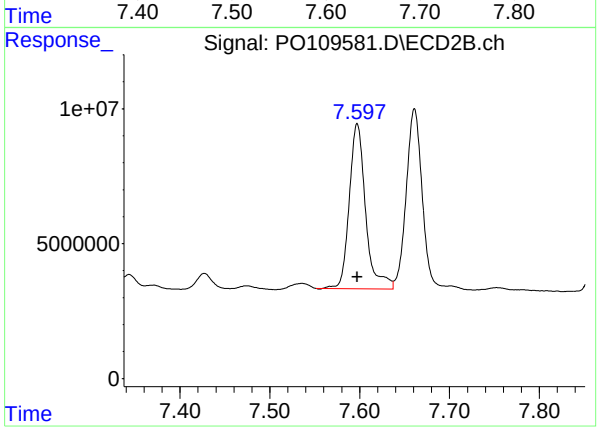
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 308532084
Conc: 1039.77 ng/ml



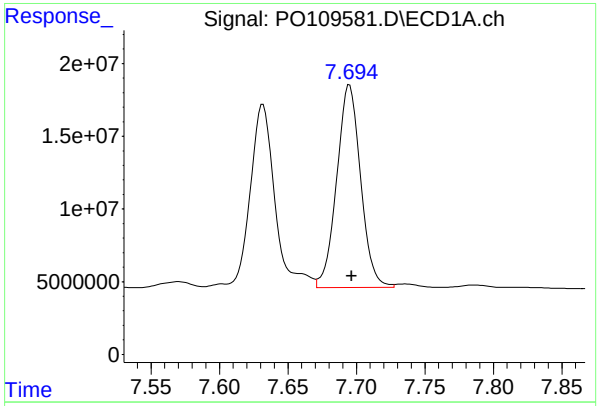
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 159324664
Conc: 120.32 ng/ml



#41 AR-1268-1

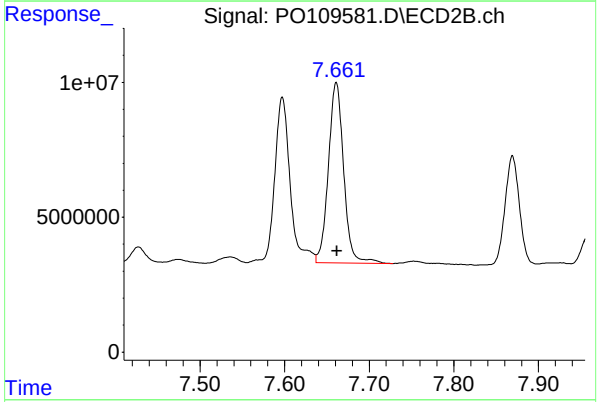
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 77413338
Conc: 135.48 ng/ml



#42 AR-1268-2

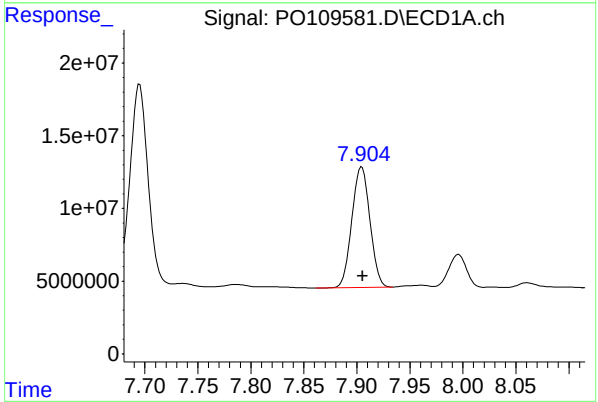
R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 169100913
Conc: 139.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15BDL



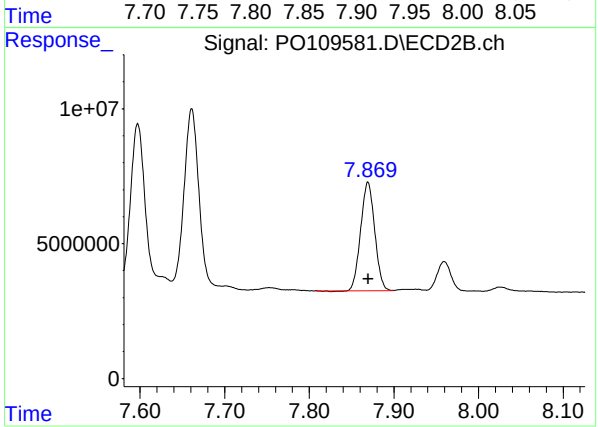
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 84208020
Conc: 160.41 ng/ml



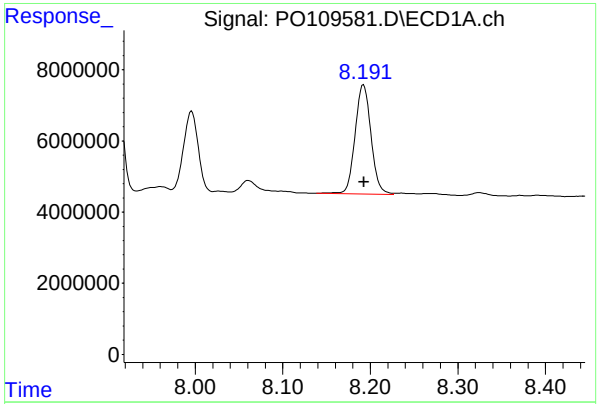
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 98397668
Conc: 96.64 ng/ml



#43 AR-1268-3

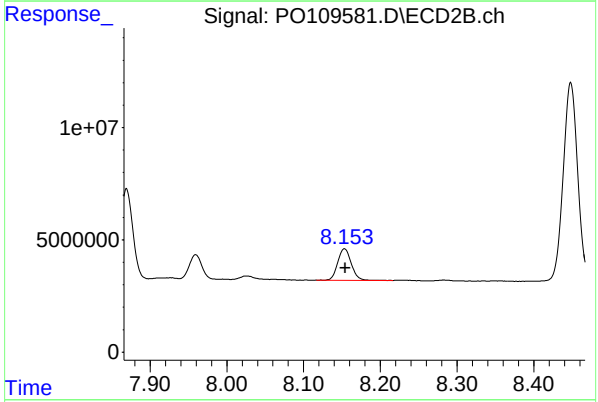
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 46466665
Conc: 108.56 ng/ml



#44 AR-1268-4

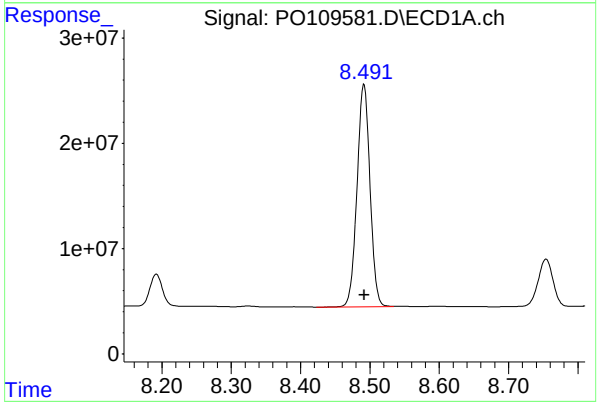
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 38945166
Conc: 91.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15BDL



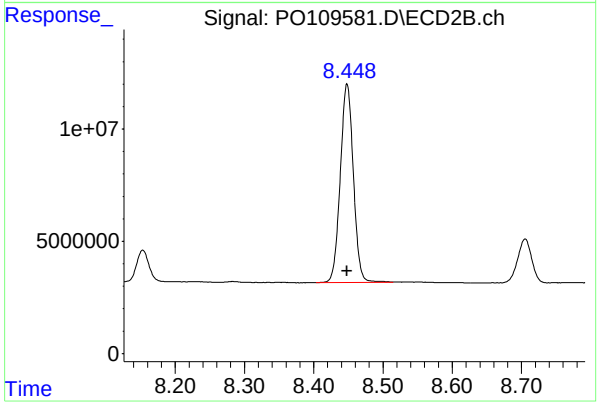
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 17105625
Conc: 106.03 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 275230743
Conc: 91.15 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 116054497
Conc: 106.17 ng/ml

Raw Data: **PO109675.D**

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

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:	K084-15C	SDG No.:	Q1438
Lab Sample ID:	Q1438-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.7 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
PO109675.D	1	03/06/25 11:40	03/06/25 20:47	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	22.7	ug/kg
11104-28-2	Aroclor-1221	8.60	U	8.60	22.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	22.7	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	22.7	ug/kg
12672-29-6	Aroclor-1248	10.6	U	10.6	22.7	ug/kg
11097-69-1	Aroclor-1254	4100	E	3.70	22.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	22.7	ug/kg
11100-14-4	Aroclor-1268	203		4.60	22.7	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	22.7	ug/kg
Total PCBs	Total PCBs	4300	E	8.30	22.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	31.9		32 - 175	159%	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 : PO109675.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 20:47
Operator : YP/AJ
Sample : Q1438-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-15C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:13:11 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	191.1E6	112.0E6	20.194	21.396
2)	SA Decachlor...	8.755	8.706	242.5E6	101.4E6	28.193	31.858
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.579	3501.2E6	1960.7E6	6790.475	7496.975
27)	L6 AR-1254-2	5.749	5.727	3108.5E6	1732.8E6	6902.077	7387.373
28)	L6 AR-1254-3	6.156	6.131	5763.3E6	3197.1E6	8049.863	8962.854
29)	L6 AR-1254-4	6.385	6.358	3393.9E6	1788.3E6	8103.993	9259.923
30)	L6 AR-1254-5	6.805	6.775	6944.9E6	3703.4E6	11131.305	12480.504
41)	L9 AR-1268-1	7.632	7.599	534.2E6	258.4E6	403.393	452.294
42)	L9 AR-1268-2	7.695	7.661	805.0E6	374.7E6	665.786	713.835
43)	L9 AR-1268-3	7.906	7.871	337.6E6	153.8E6	331.568	359.199
44)	L9 AR-1268-4	8.194	8.155	151.9E6	65159637	357.508	403.878
45)	L9 AR-1268-5	8.492	8.449	959.1E6	383.6E6	317.627	350.953

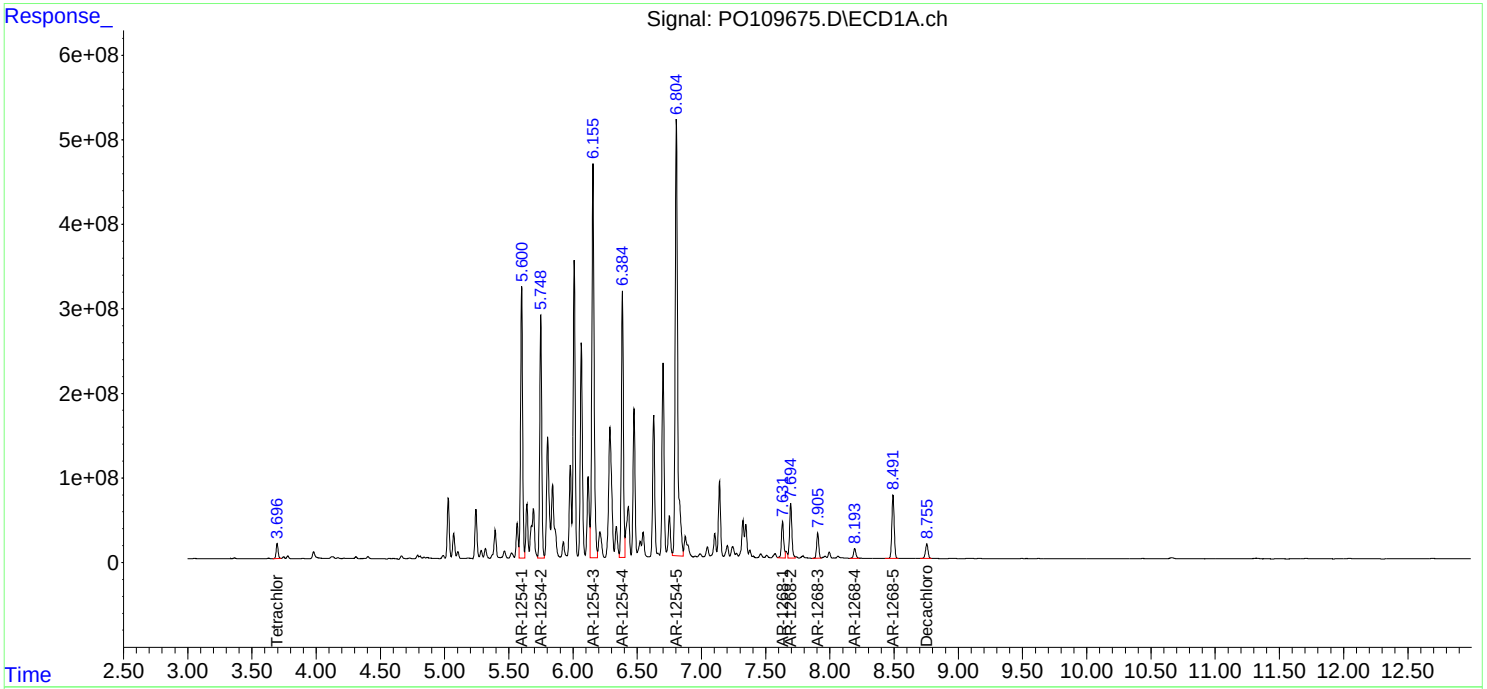
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

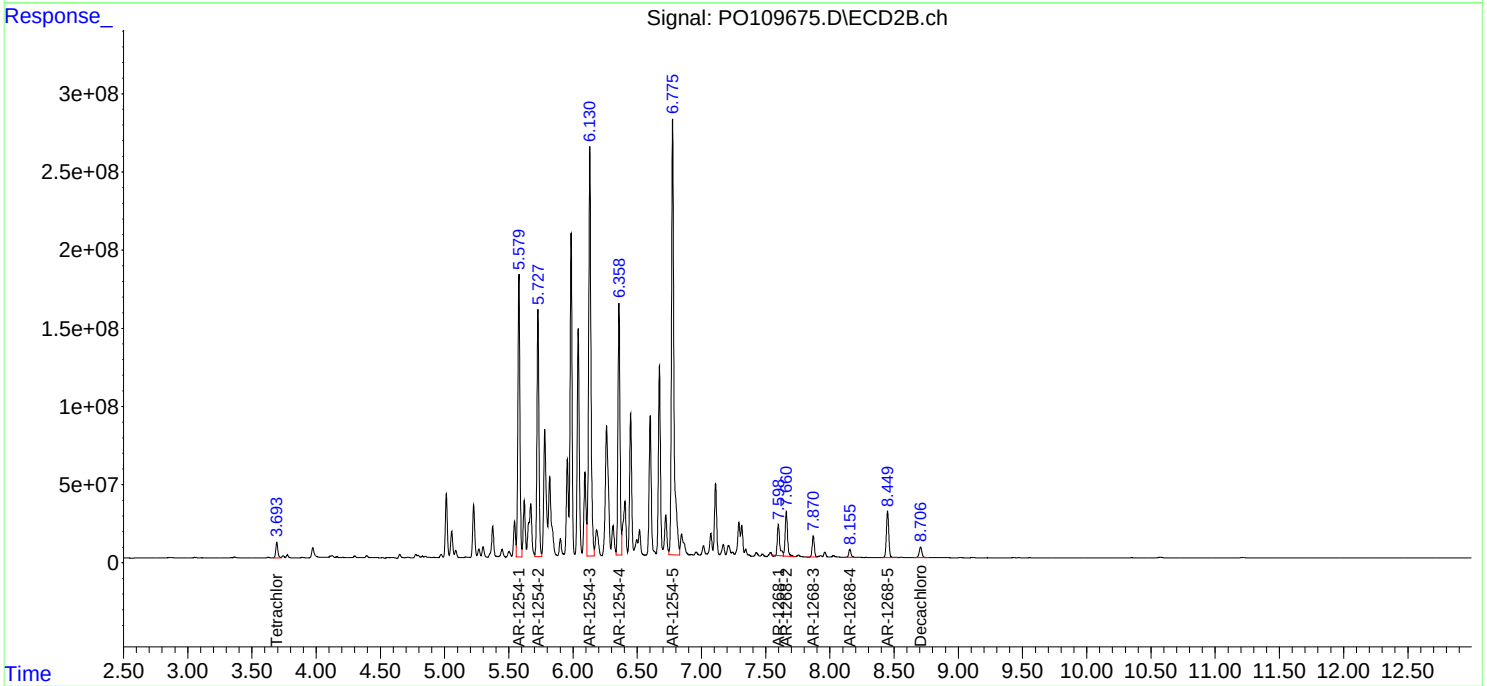
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109675.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 20:47
Operator : YP/AJ
Sample : Q1438-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

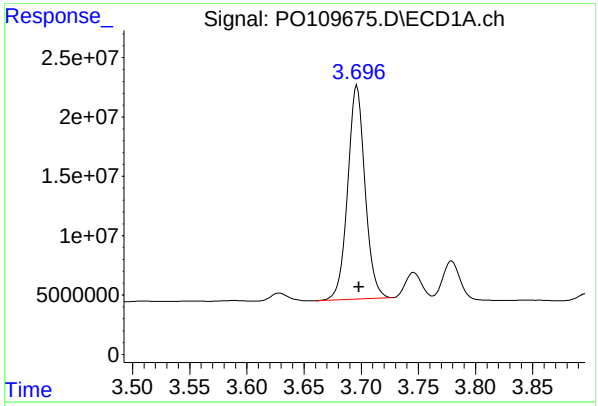
Instrument :
ECD_O
ClientSampleId :
K084-15C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:13:11 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



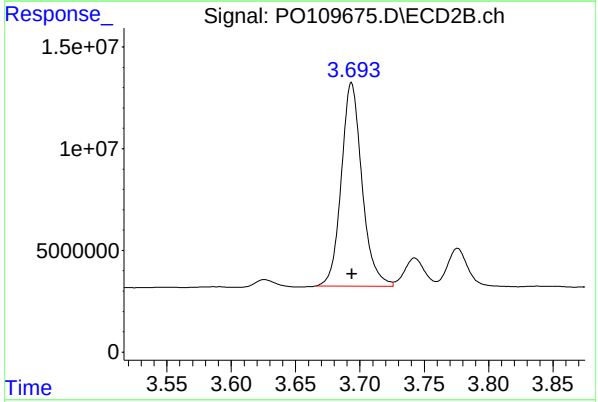




#1 Tetrachloro-m-xylene

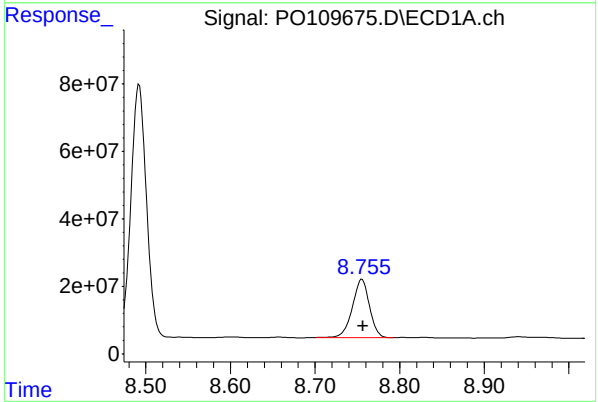
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 191134618
Conc: 20.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15C



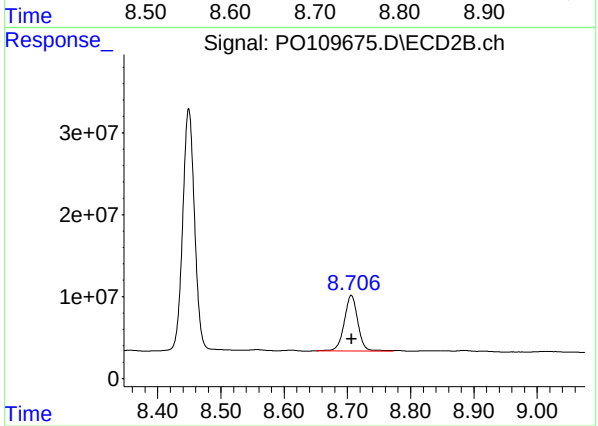
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 111989565
Conc: 21.40 ng/ml



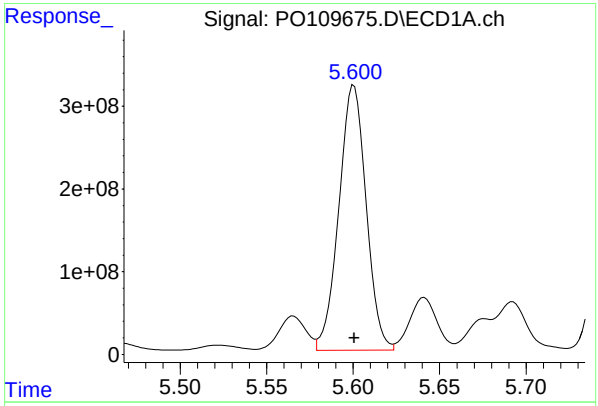
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 242515715
Conc: 28.19 ng/ml



#2 Decachlorobiphenyl

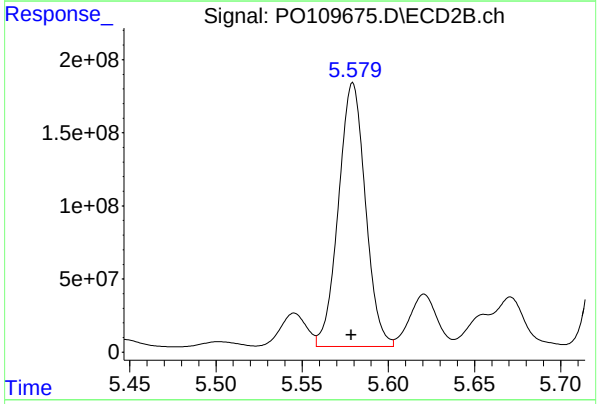
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 101443595
Conc: 31.86 ng/ml



#26 AR-1254-1

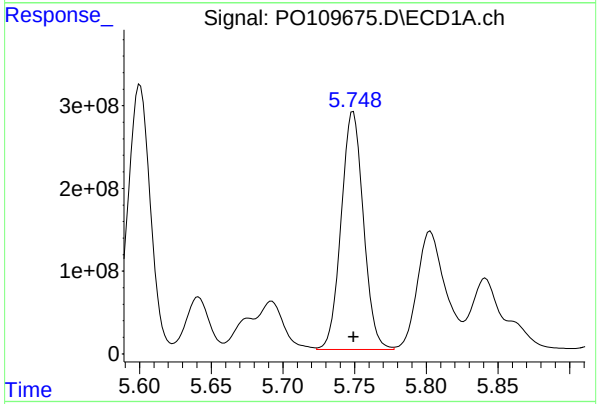
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 3501214335
Conc: 6790.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15C



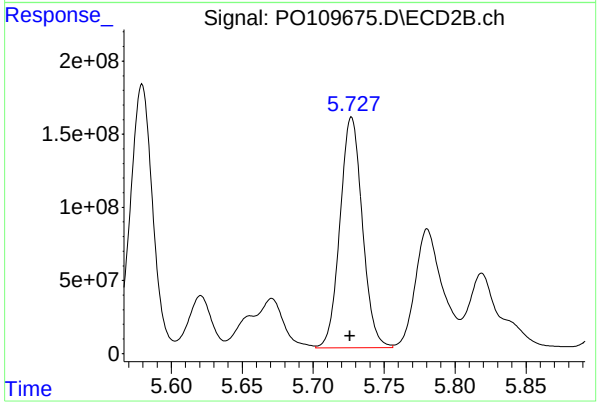
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 1960746376
Conc: 7496.98 ng/ml



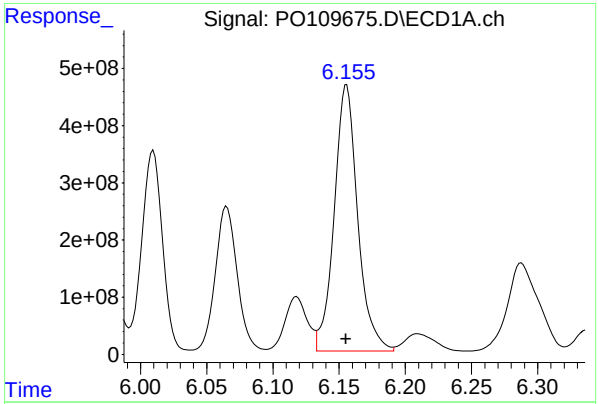
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 3108519528
Conc: 6902.08 ng/ml



#27 AR-1254-2

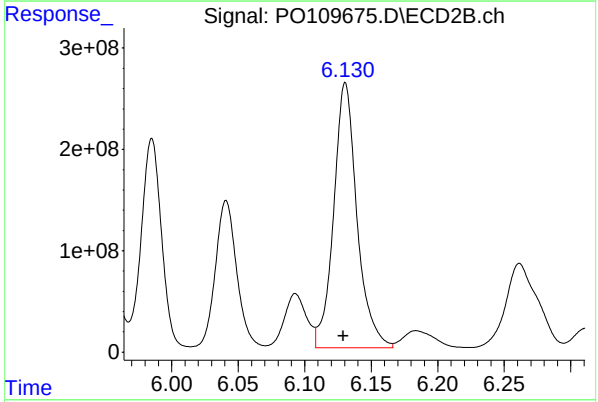
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 1732793031
Conc: 7387.37 ng/ml



#28 AR-1254-3

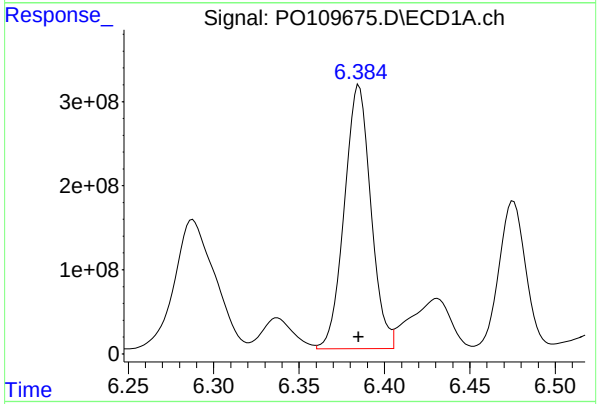
R.T.: 6.156 min
Delta R.T.: 0.000 mi
Response: 5763342920
Conc: 8049.86 ng/

Instrument :
ECD_O
ClientSampleId :
K084-15C



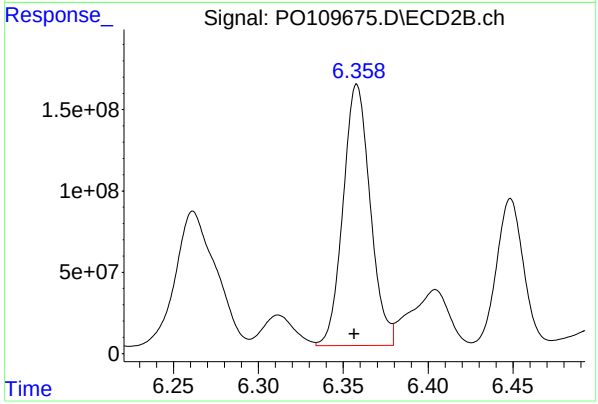
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 3197090885
Conc: 8962.85 ng/ml



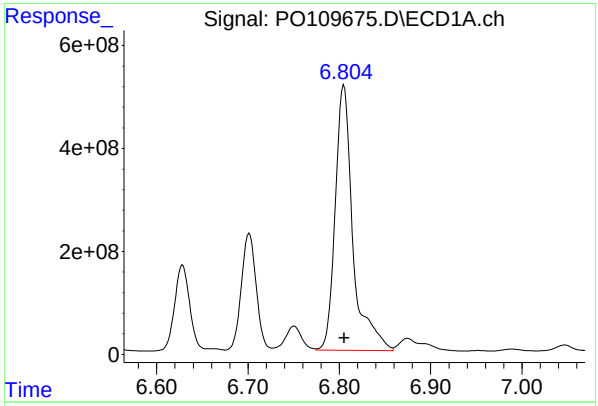
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 3393883280
Conc: 8103.99 ng/ml



#29 AR-1254-4

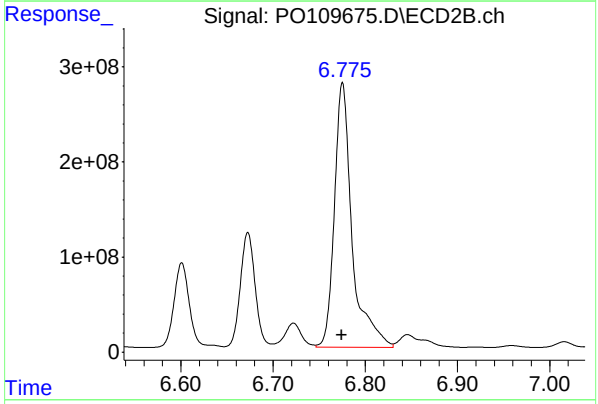
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 1788307855
Conc: 9259.92 ng/ml



#30 AR-1254-5

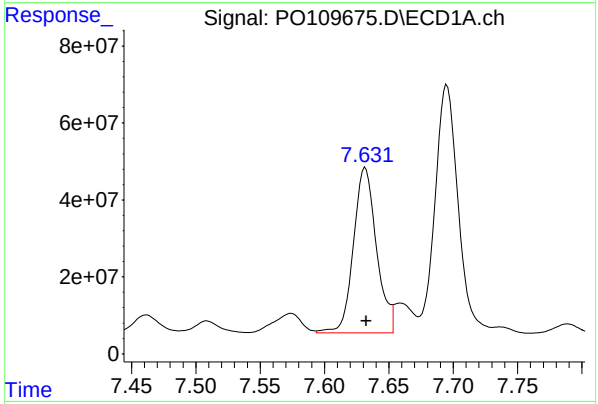
R.T.: 6.805 min
Delta R.T.: 0.000 mi
Response: 6944854104
Conc: 11131.31 ng/

Instrument :
ECD_O
ClientSampleId :
K084-15C



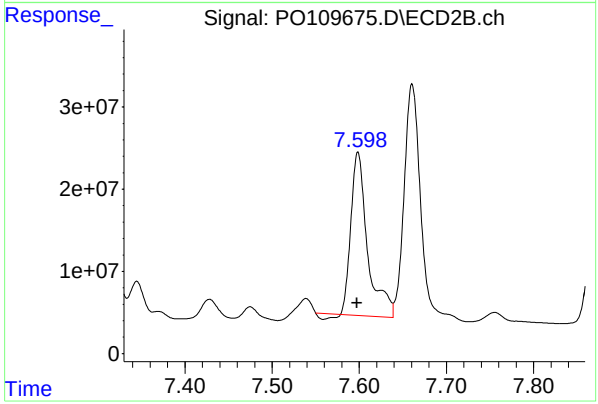
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 3703367897
Conc: 12480.50 ng/ml



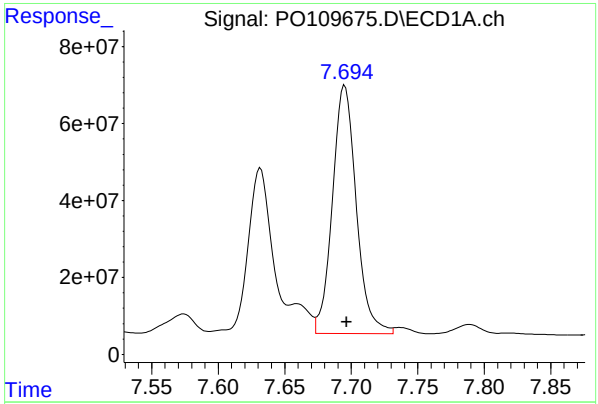
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 534180696
Conc: 403.39 ng/ml



#41 AR-1268-1

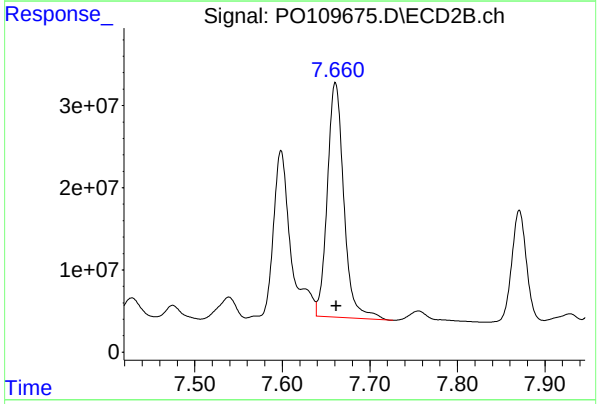
R.T.: 7.599 min
Delta R.T.: 0.001 min
Response: 258446044
Conc: 452.29 ng/ml



#42 AR-1268-2

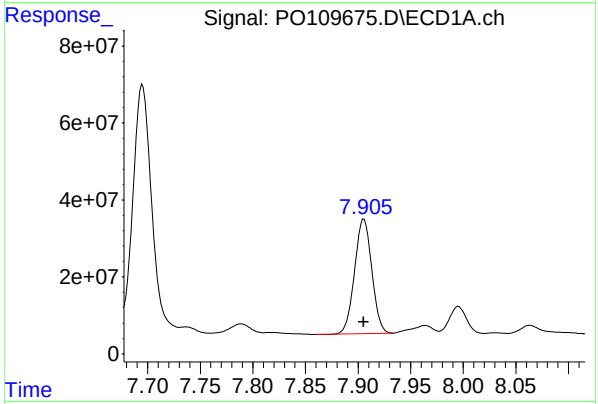
R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 805006659
Conc: 665.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15C



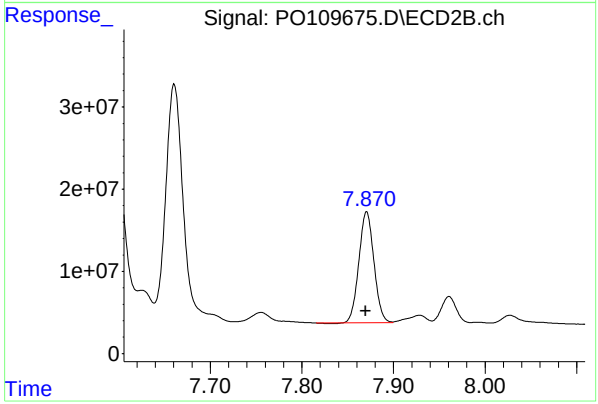
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 374723131
Conc: 713.83 ng/ml



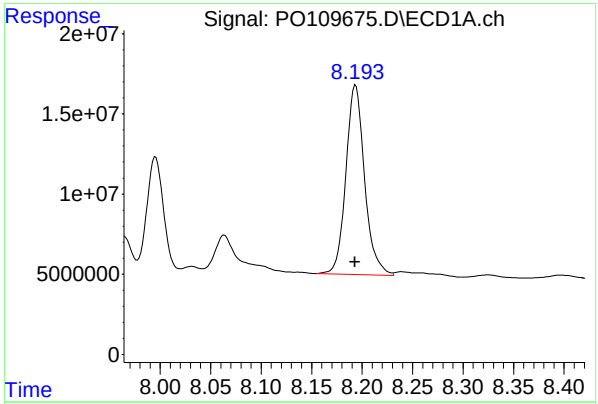
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 337595458
Conc: 331.57 ng/ml



#43 AR-1268-3

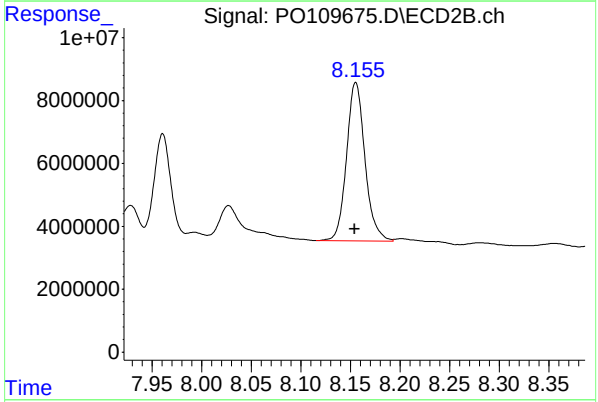
R.T.: 7.871 min
Delta R.T.: 0.001 min
Response: 153752811
Conc: 359.20 ng/ml



#44 AR-1268-4

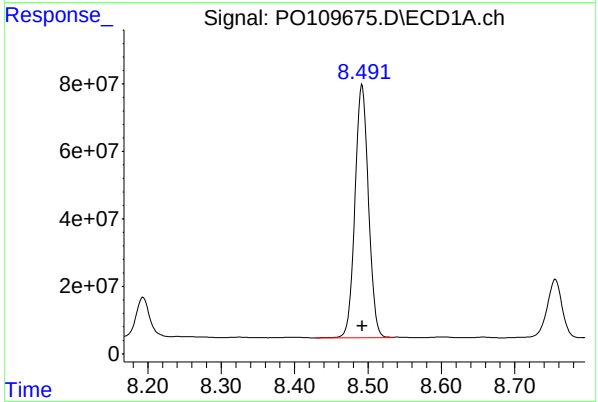
R.T.: 8.194 min
Delta R.T.: 0.000 mi
Response: 151890304
Conc: 357.51 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-15C



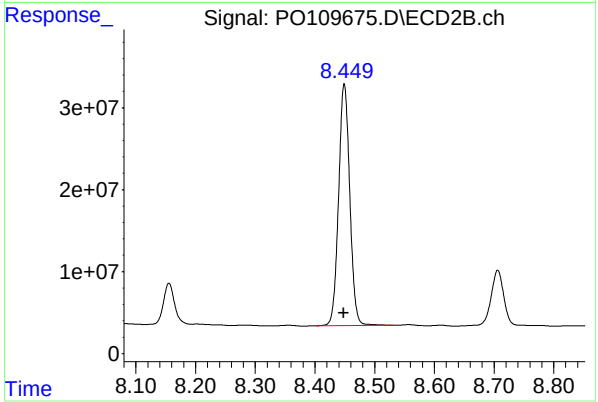
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 65159637
Conc: 403.88 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 959123203
Conc: 317.63 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 383642844
Conc: 350.95 ng/ml

Raw Data: **PO109701.D**

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

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:	K084-15CDL	SDG No.:	Q1438
Lab Sample ID:	Q1438-03DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.7 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
PO109701.D	20	03/06/25 11:40	03/07/25 09:55	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	90.7	UD	90.7	455	ug/kg
11104-28-2	Aroclor-1221	171	UD	171	455	ug/kg
11141-16-5	Aroclor-1232	90.9	UD	90.9	455	ug/kg
53469-21-9	Aroclor-1242	90.7	UD	90.7	455	ug/kg
12672-29-6	Aroclor-1248	211	UD	211	455	ug/kg
11097-69-1	Aroclor-1254	5900	D	73.0	455	ug/kg
37324-23-5	Aroclor-1262	122	UD	122	455	ug/kg
11100-14-4	Aroclor-1268	342	JD	91.7	455	ug/kg
11096-82-5	Aroclor-1260	77.8	UD	77.8	455	ug/kg
Total PCBs	Total PCBs	6200	D	165	455	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	33.4	*	32 - 144	167%	SPK: 20
2051-24-3	Decachlorobiphenyl	55.0	*	32 - 175	275%	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 : PO109701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:55
Operator : YP/AJ
Sample : Q1438-03DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-15CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:44:14 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	3.693	15118463	8722692	1.597	1.666
2)	SA Decachlor...	8.753	8.703	20792125	8747488	2.417	2.747
	Target Compounds						
26)	L6 AR-1254-1	5.598	5.578	280.2E6	149.9E6	543.531	573.229
27)	L6 AR-1254-2	5.748	5.726	249.8E6	134.4E6	554.670	573.142
28)	L6 AR-1254-3	6.154	6.129	441.0E6	231.9E6	615.990	650.000
29)	L6 AR-1254-4	6.384	6.357	261.1E6	130.2E6	623.403	674.091
30)	L6 AR-1254-5	6.803	6.774	474.0E6	244.0E6	759.783	822.152
41)	L9 AR-1268-1	7.631	7.597	46863814	20925518	35.390	36.621
42)	L9 AR-1268-2	7.693	7.659	68527746	31525940	56.676	60.056
43)	L9 AR-1268-3	7.904	7.868	28879643	13621400	28.364	31.822
44)	L9 AR-1268-4	8.192	8.153	12614697	5514096	29.692	34.178
45)	L9 AR-1268-5	8.491	8.447	74315383	31927447	24.611	29.207

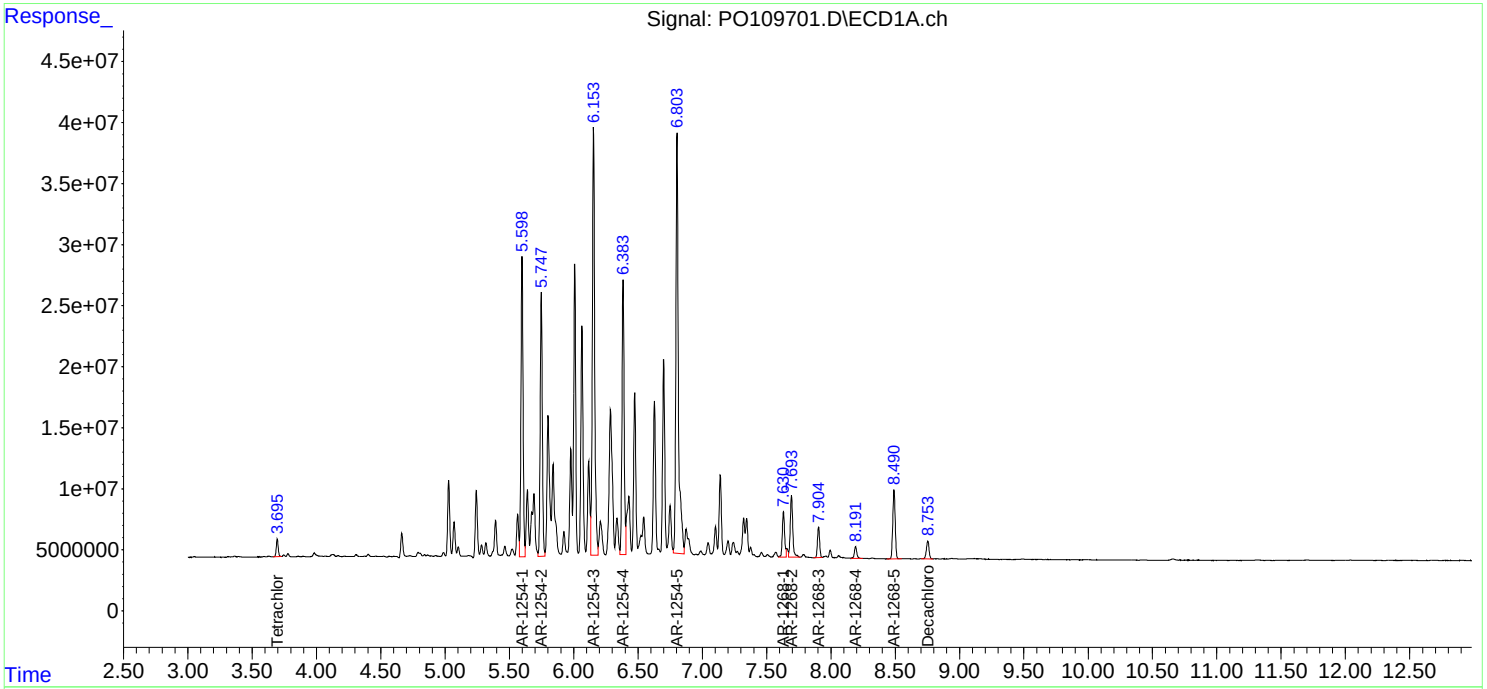
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

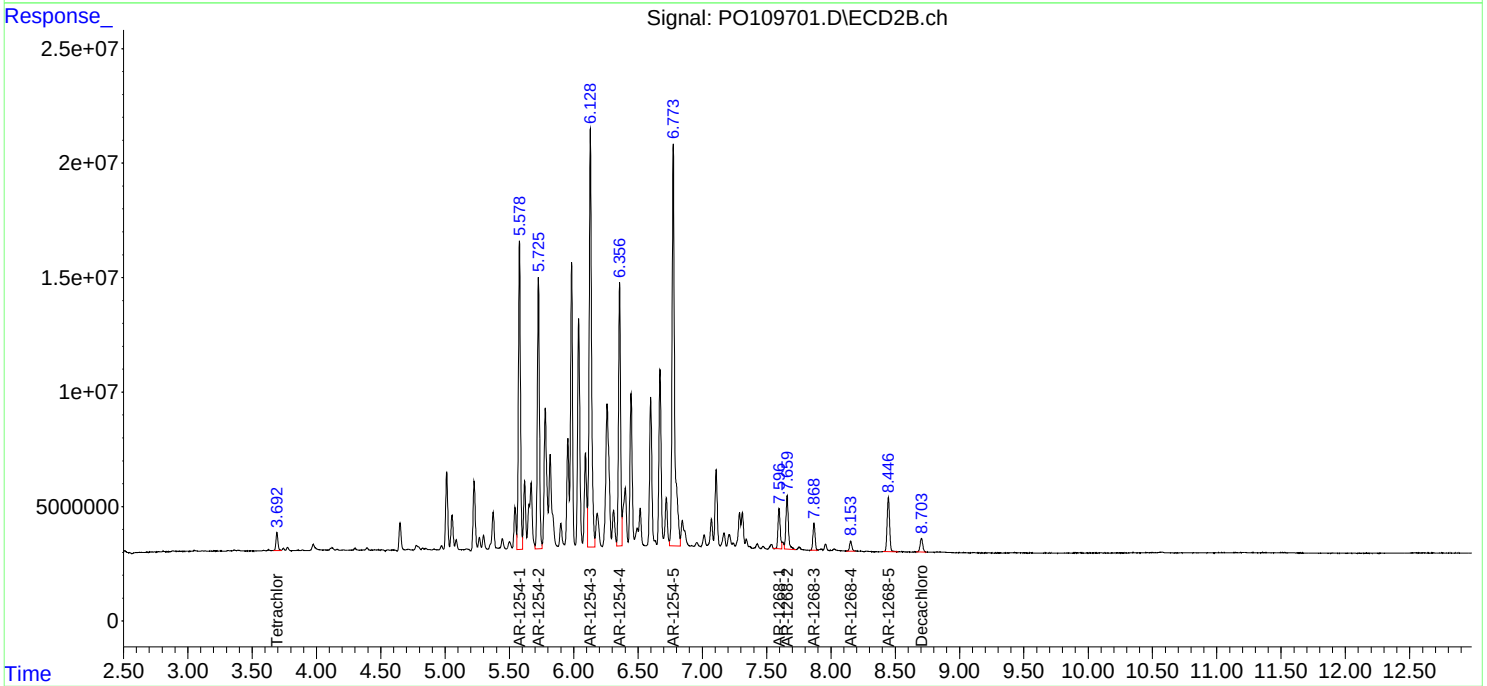
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:55
Operator : YP/AJ
Sample : Q1438-03DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

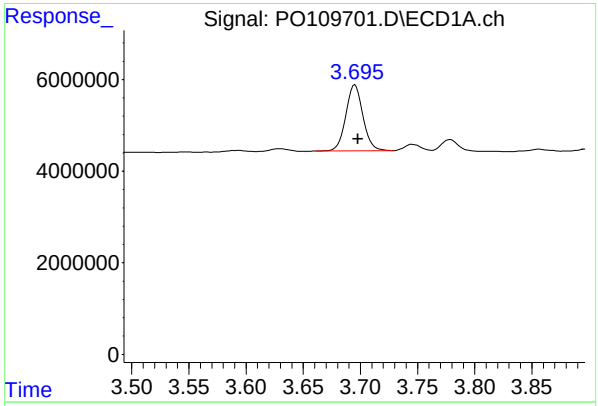
Instrument :
ECD_O
ClientSampleId :
K084-15CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:44:14 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



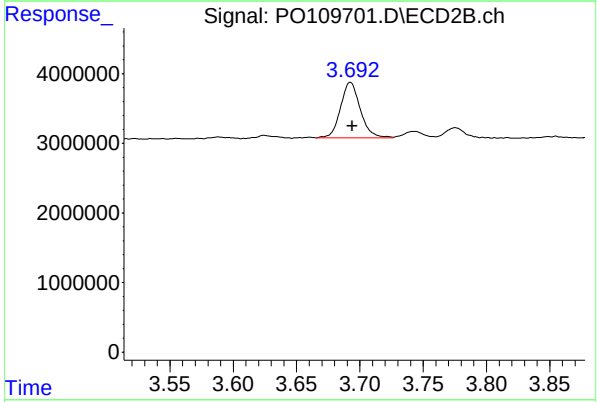




#1 Tetrachloro-m-xylene

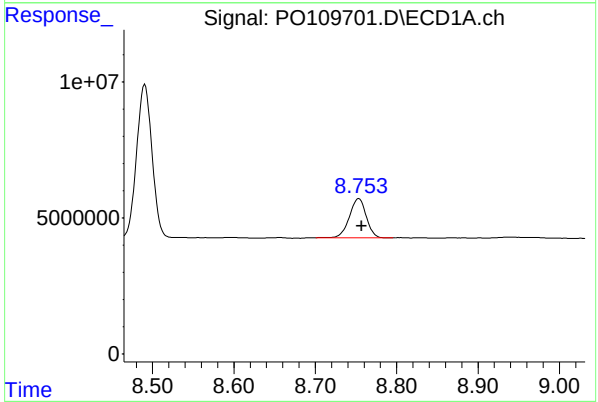
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 15118463
Conc: 1.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15CDL



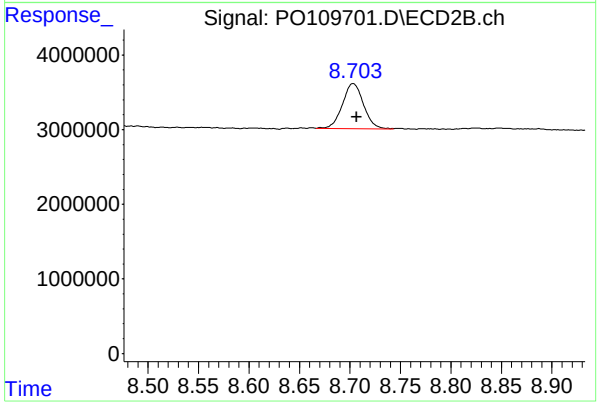
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 8722692
Conc: 1.67 ng/ml



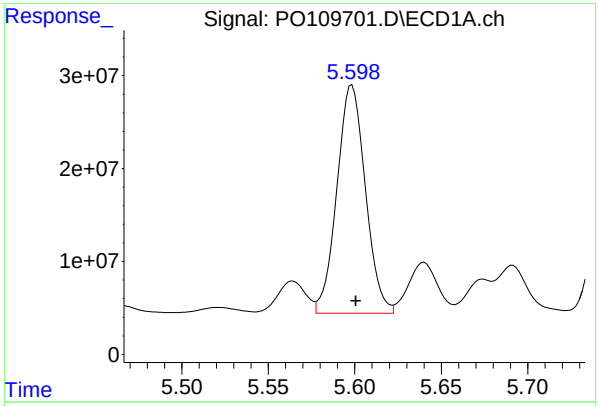
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 20792125
Conc: 2.42 ng/ml



#2 Decachlorobiphenyl

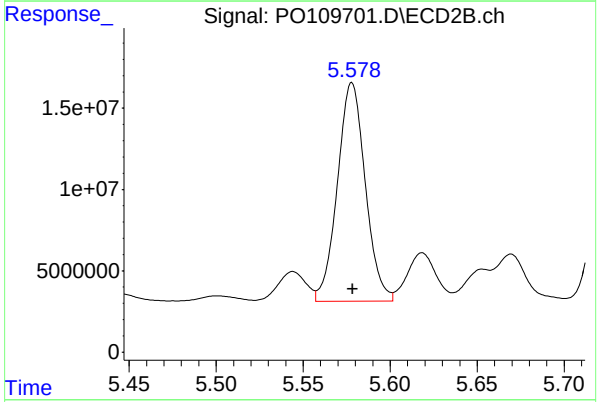
R.T.: 8.703 min
Delta R.T.: -0.004 min
Response: 8747488
Conc: 2.75 ng/ml



#26 AR-1254-1

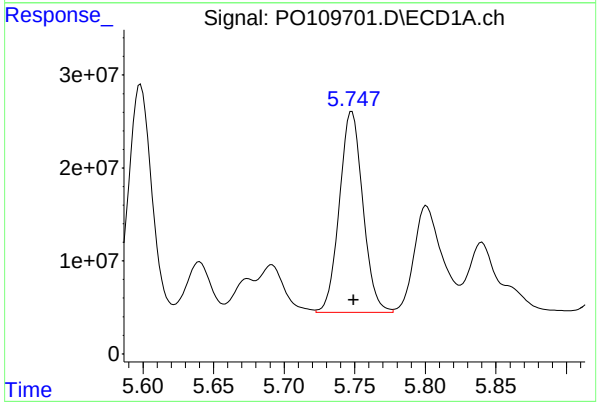
R.T.: 5.598 min
Delta R.T.: -0.002 min
Response: 280248105
Conc: 543.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15CDL



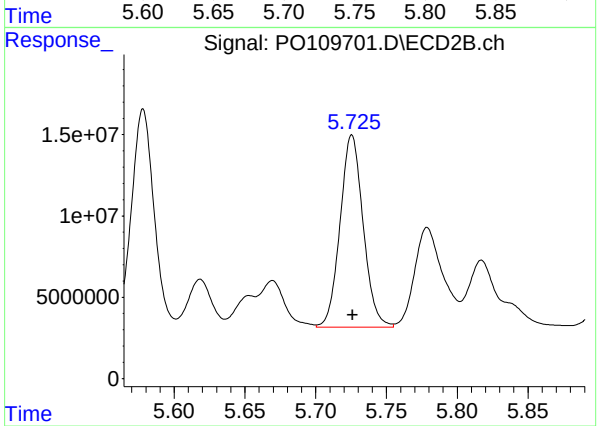
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 149921319
Conc: 573.23 ng/ml



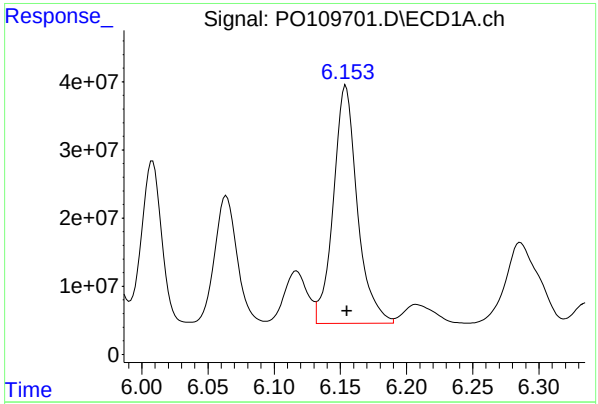
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: -0.001 min
Response: 249809180
Conc: 554.67 ng/ml



#27 AR-1254-2

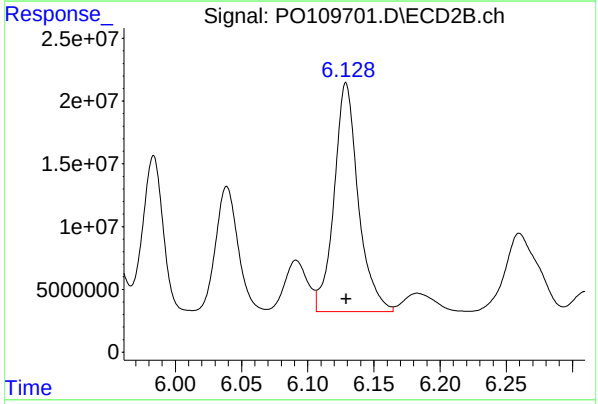
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 134436928
Conc: 573.14 ng/ml



#28 AR-1254-3

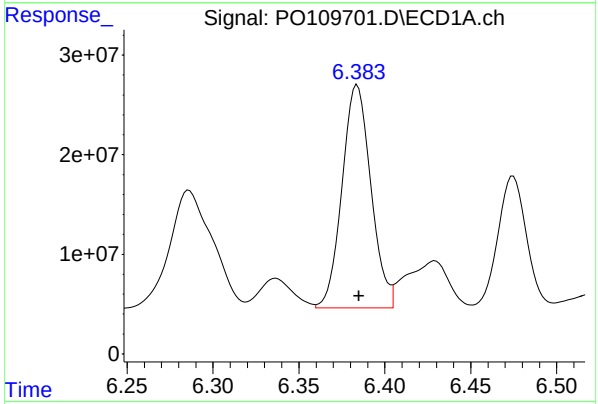
R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 441021716
Conc: 615.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15CDL



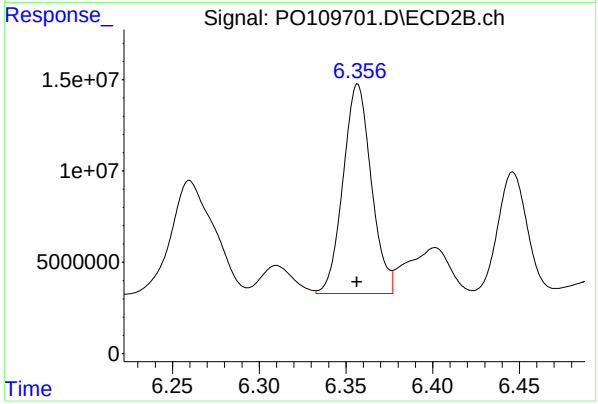
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 231857805
Conc: 650.00 ng/ml



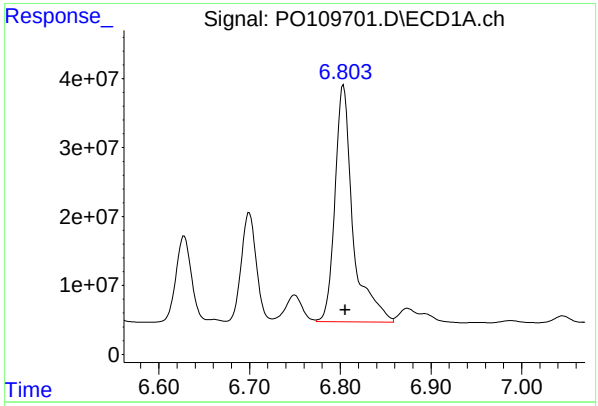
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 261075698
Conc: 623.40 ng/ml



#29 AR-1254-4

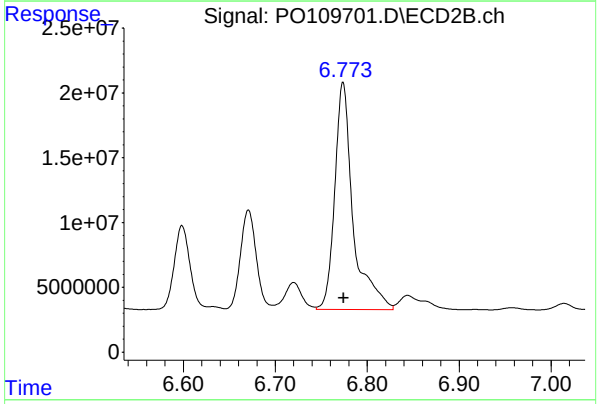
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 130182724
Conc: 674.09 ng/ml



#30 AR-1254-5

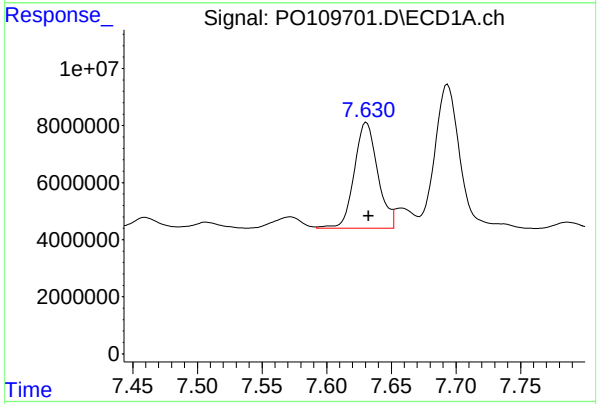
R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 474030623
Conc: 759.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15CDL



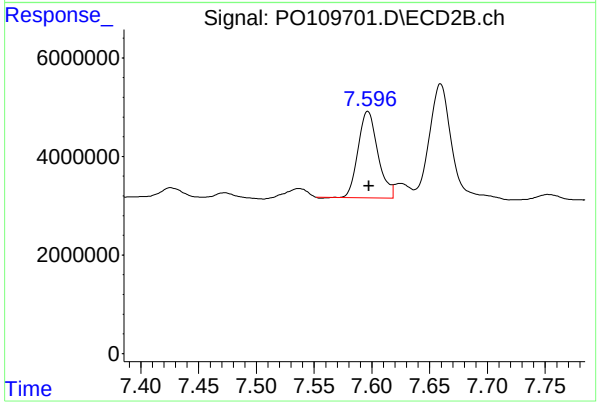
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 243958945
Conc: 822.15 ng/ml



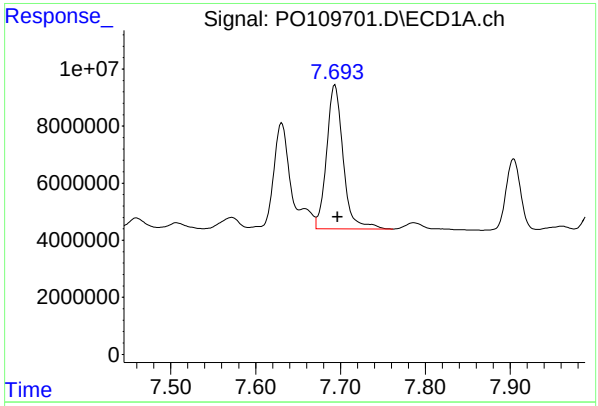
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 46863814
Conc: 35.39 ng/ml



#41 AR-1268-1

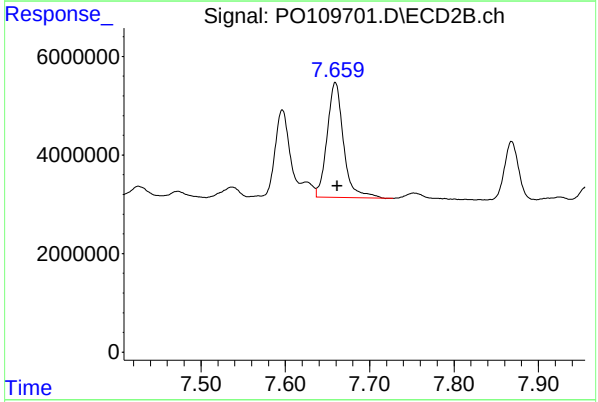
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 20925518
Conc: 36.62 ng/ml



#42 AR-1268-2

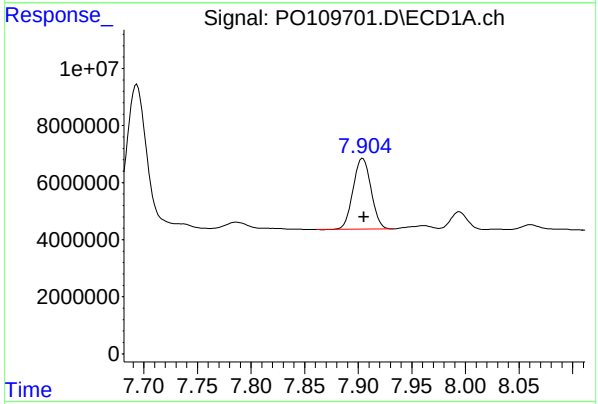
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 68527746
Conc: 56.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15CDL



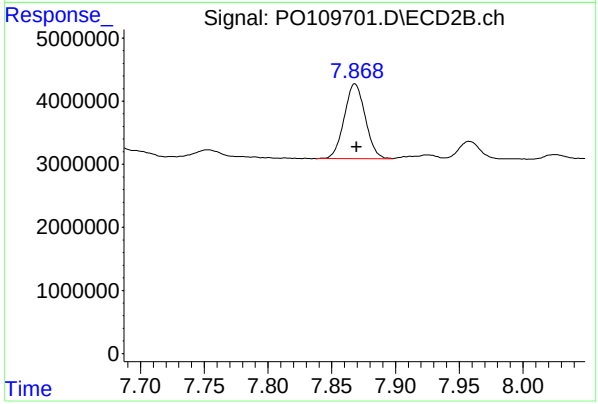
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 31525940
Conc: 60.06 ng/ml



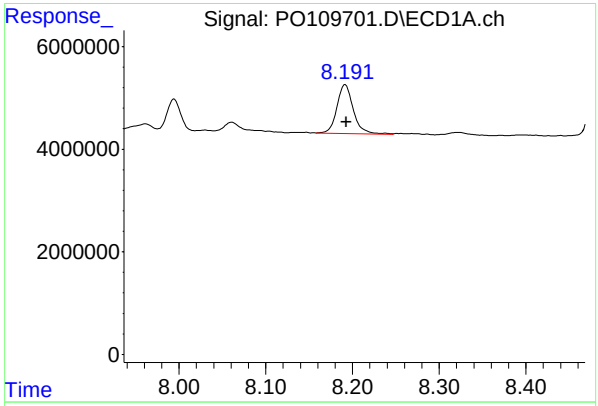
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.001 min
Response: 28879643
Conc: 28.36 ng/ml



#43 AR-1268-3

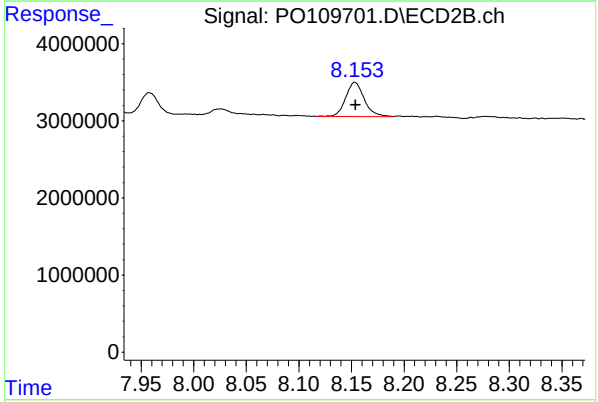
R.T.: 7.868 min
Delta R.T.: -0.001 min
Response: 13621400
Conc: 31.82 ng/ml



#44 AR-1268-4

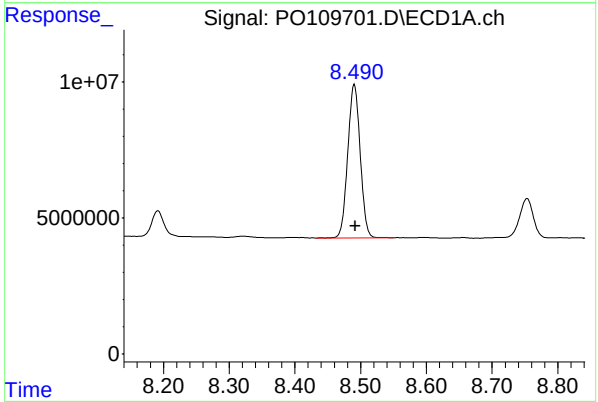
R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 12614697
Conc: 29.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-15CDL



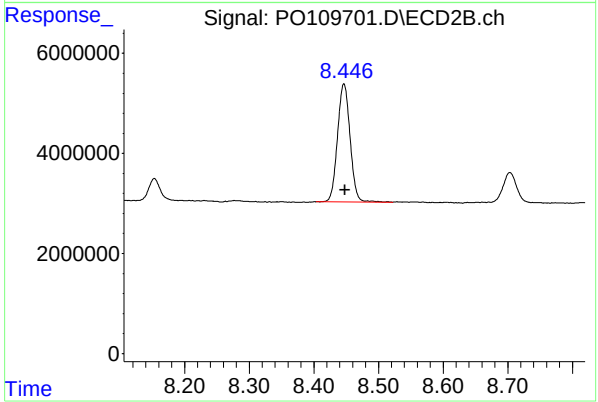
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 5514096
Conc: 34.18 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 74315383
Conc: 24.61 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.002 min
Response: 31927447
Conc: 29.21 ng/ml

Raw Data: **PO109527.D**

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

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:	K084-16B	SDG No.:	Q1438
Lab Sample ID:	Q1438-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	78.7 Decanted:
Sample Wt/Vol:	30.06 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
PO109527.D	1	02/27/25 09:56	02/27/25 14:11	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	21.6	ug/kg
11104-28-2	Aroclor-1221	8.10	U	8.10	21.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	21.6	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	21.6	ug/kg
12672-29-6	Aroclor-1248	10.0	U	10.0	21.6	ug/kg
11097-69-1	Aroclor-1254	2500	E	3.50	21.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	21.6	ug/kg
11100-14-4	Aroclor-1268	250		4.30	21.6	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	21.6	ug/kg
Total PCBs	Total PCBs	2700		7.80	21.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		32 - 144	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	52.7	*	32 - 175	263%	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 : PO109527.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 14:11
Operator : YP/AJ
Sample : Q1438-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-16B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:39:07 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 0.50µ Signal #2 Info : 30M x 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	203.4E6	115.7E6	21.487	22.108
2)	SA Decachlor...	8.755	8.704	403.3E6	167.8E6	46.888	52.685
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.579	1052.7E6	592.8E6	2041.590	2266.450
27)	L6 AR-1254-2	5.749	5.726	1323.3E6	745.5E6	2938.149	3178.224
28)	L6 AR-1254-3	6.155	6.129	3006.9E6	1683.4E6	4199.901	4719.381
29)	L6 AR-1254-4	6.385	6.357	2144.1E6	1152.8E6	5119.679	5969.126
30)	L6 AR-1254-5	6.804	6.774	7072.4E6	3843.4E6	11335.716	12952.452
41)	L9 AR-1268-1	7.633	7.597	684.1E6	305.9E6	516.603	535.282
42)	L9 AR-1268-2	7.696	7.660	942.2E6	436.1E6	779.282	830.765
43)	L9 AR-1268-3	7.906	7.869	482.5E6	219.2E6	473.899	512.038
44)	L9 AR-1268-4	8.194	8.154	191.2E6	84459596	449.947	523.504
45)	L9 AR-1268-5	8.493	8.447	1480.1E6	603.4E6	490.140	552.023

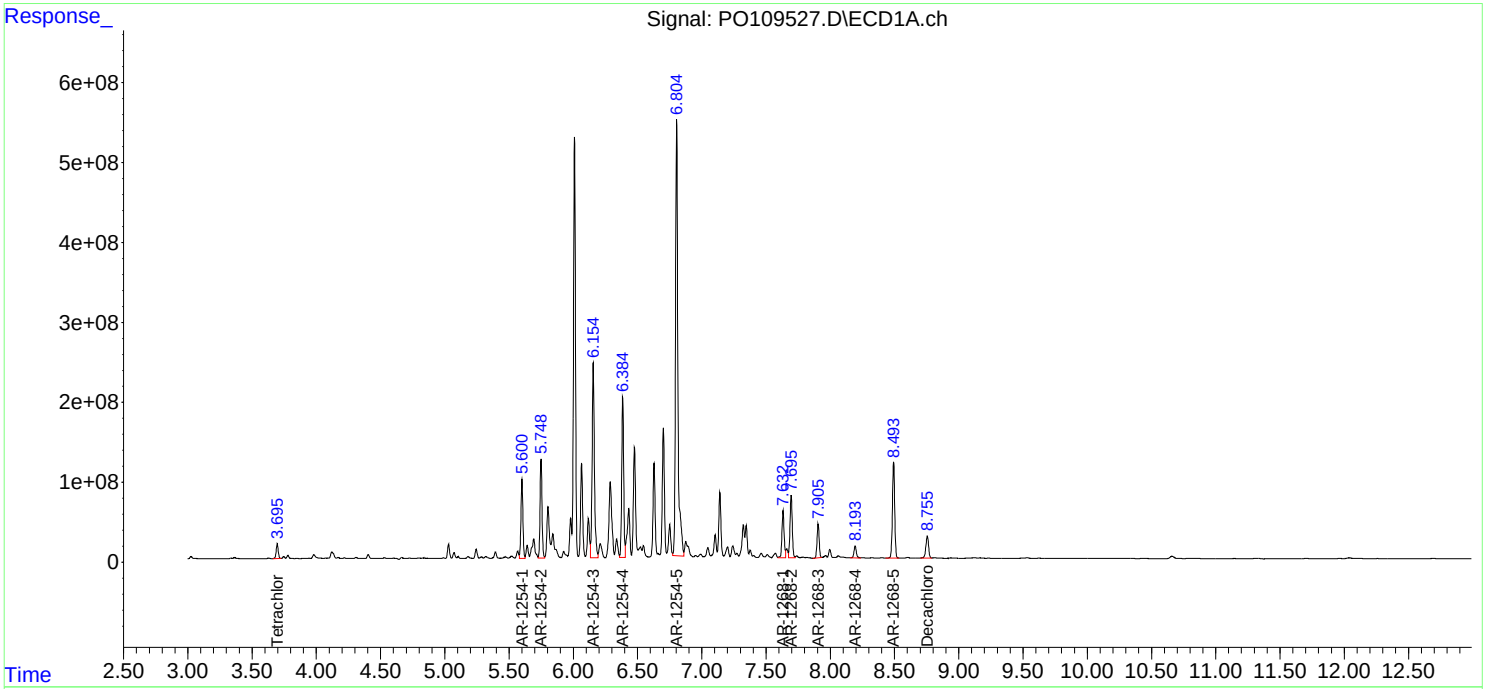
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

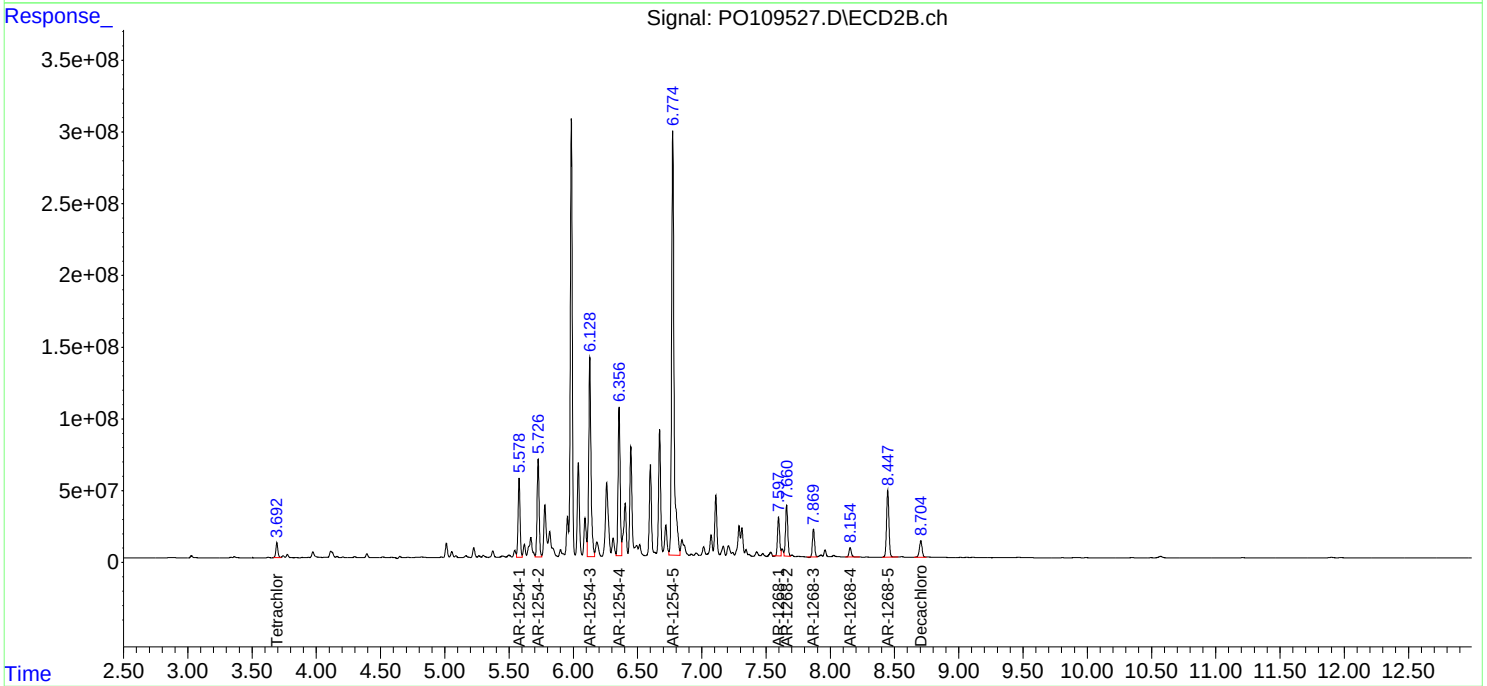
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109527.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 14:11
Operator : YP/AJ
Sample : Q1438-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

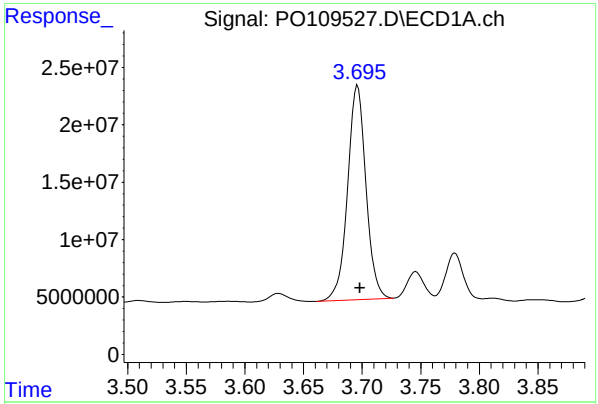
Instrument :
ECD_O
ClientSampleId :
K084-16B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:39:07 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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



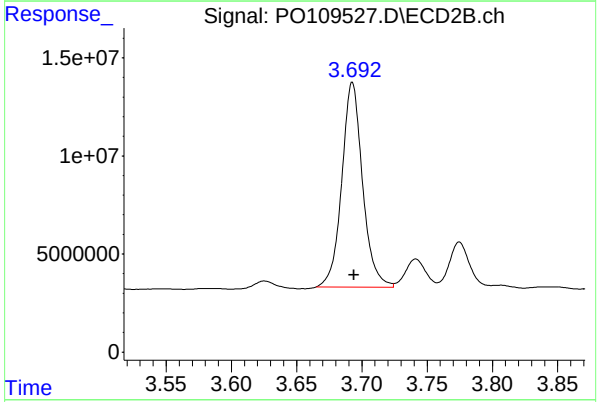




#1 Tetrachloro-m-xylene

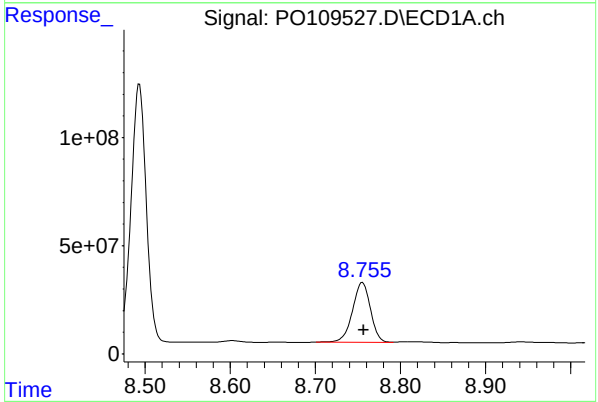
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 203381357
Conc: 21.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16B



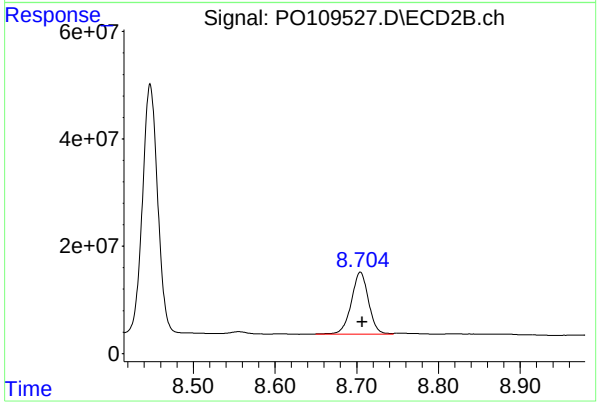
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 115716748
Conc: 22.11 ng/ml



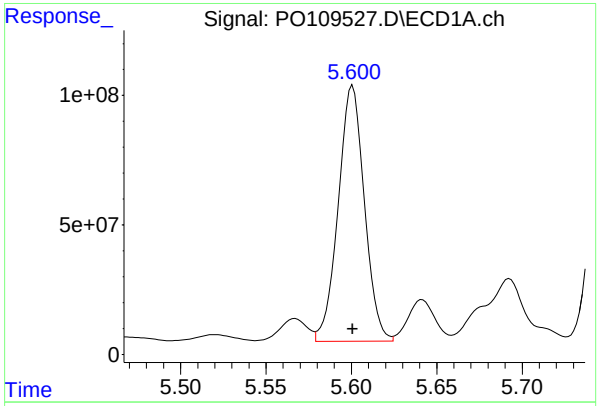
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 403323342
Conc: 46.89 ng/ml



#2 Decachlorobiphenyl

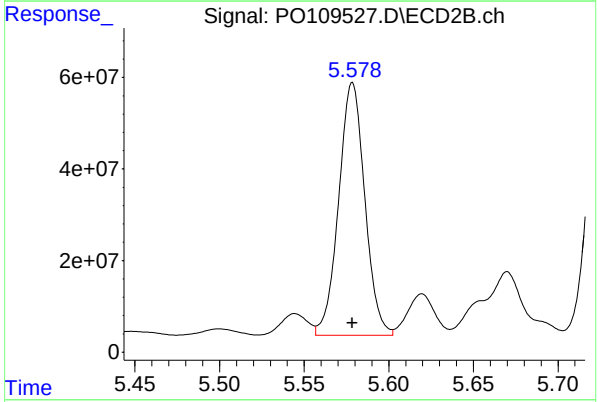
R.T.: 8.704 min
Delta R.T.: -0.002 min
Response: 167762228
Conc: 52.68 ng/ml



#26 AR-1254-1

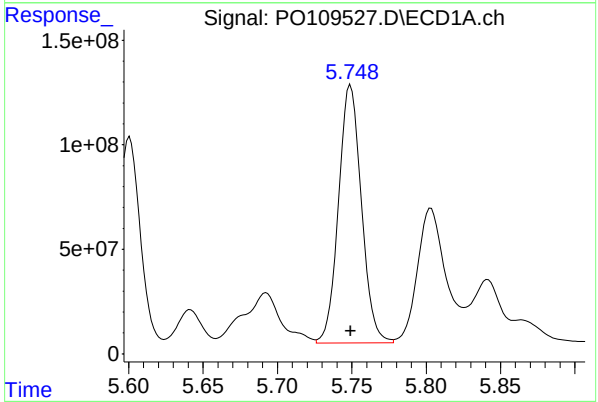
R.T.: 5.601 min
Delta R.T.: 0.000 mi
Response: 1052657579
Conc: 2041.59 ng/

Instrument :
ECD_O
ClientSampleId :
K084-16B



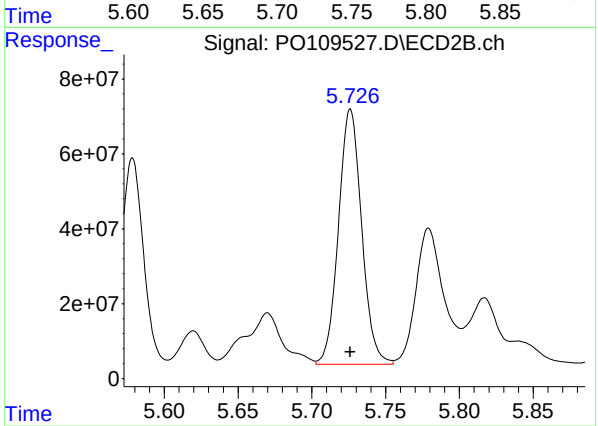
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 592763594
Conc: 2266.45 ng/ml



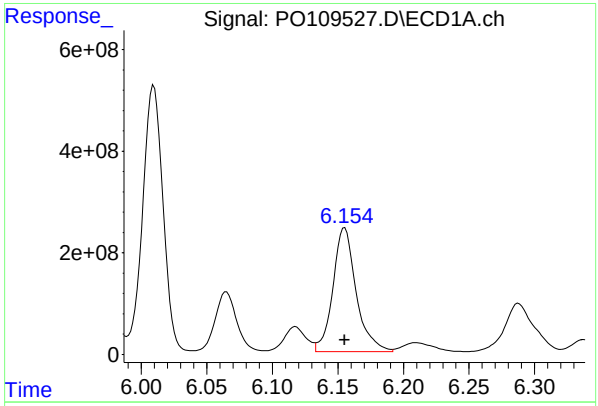
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 1323267471
Conc: 2938.15 ng/ml



#27 AR-1254-2

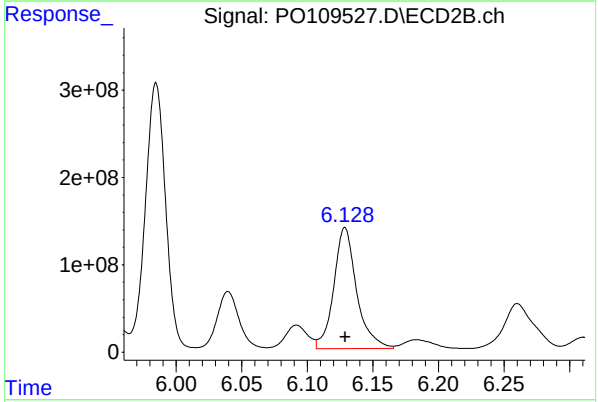
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 745488890
Conc: 3178.22 ng/ml



#28 AR-1254-3

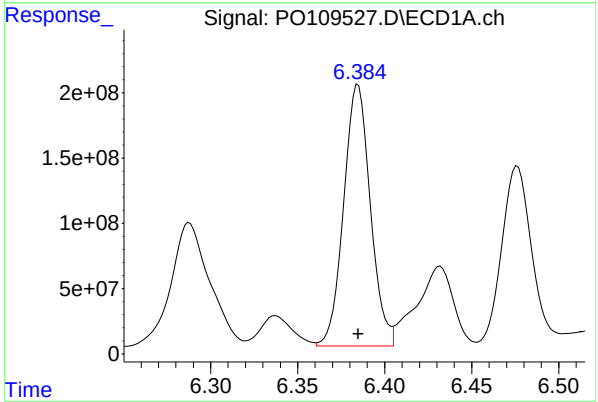
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 3006941705
Conc: 4199.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16B



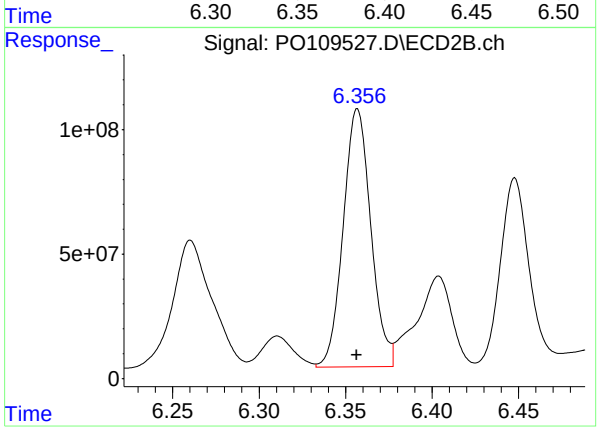
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 1683424904
Conc: 4719.38 ng/ml



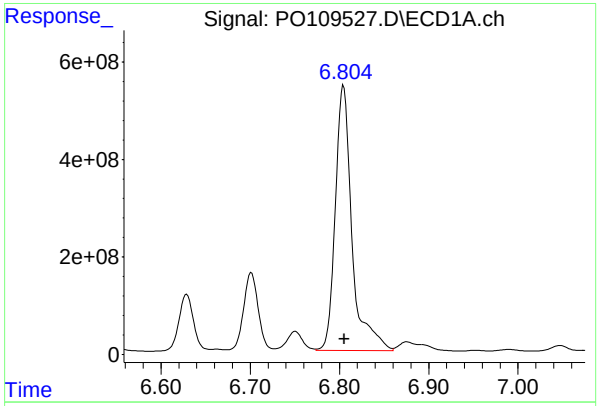
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 2144077941
Conc: 5119.68 ng/ml



#29 AR-1254-4

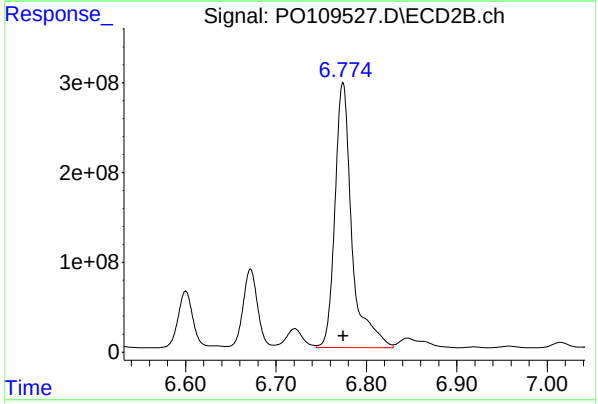
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 1152777852
Conc: 5969.13 ng/ml



#30 AR-1254-5

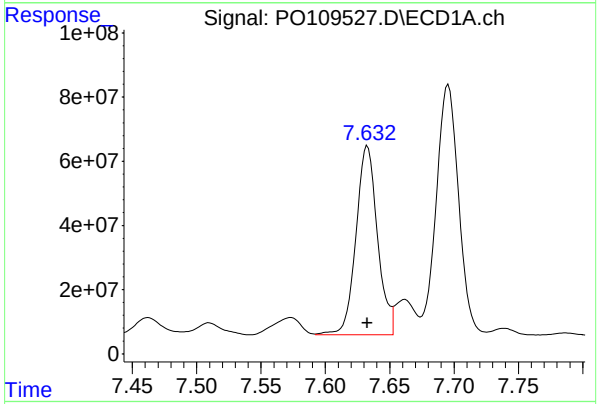
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 7072386832
Conc: 11335.72 ng/

Instrument :
ECD_O
ClientSampleId :
K084-16B



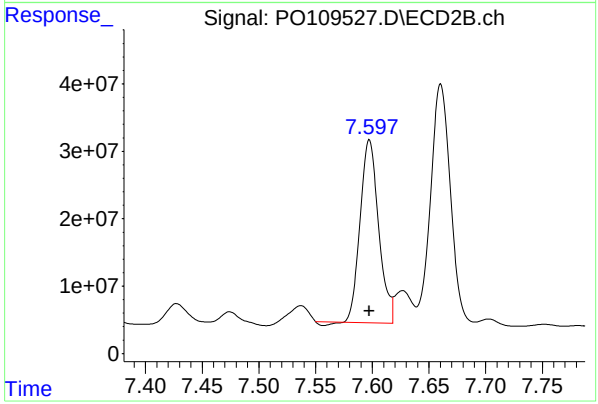
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 3843410102
Conc: 12952.45 ng/ml



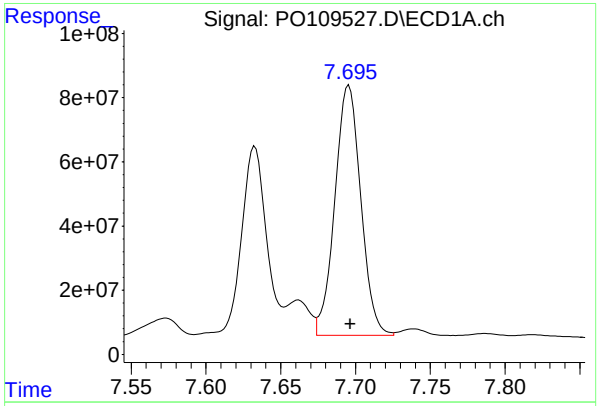
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 684095544
Conc: 516.60 ng/ml



#41 AR-1268-1

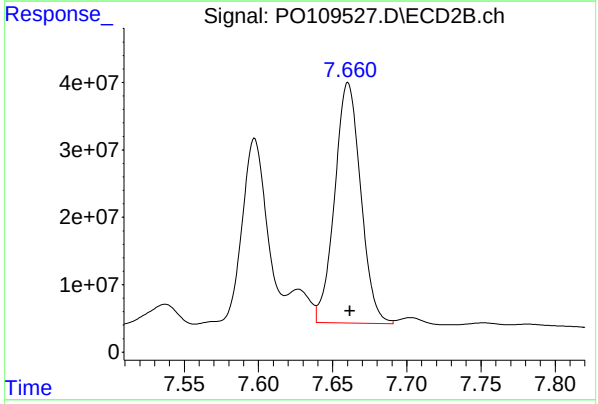
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 305866811
Conc: 535.28 ng/ml



#42 AR-1268-2

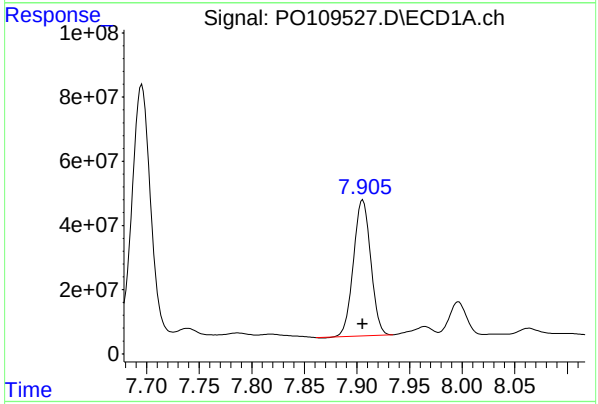
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 942235381
Conc: 779.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16B



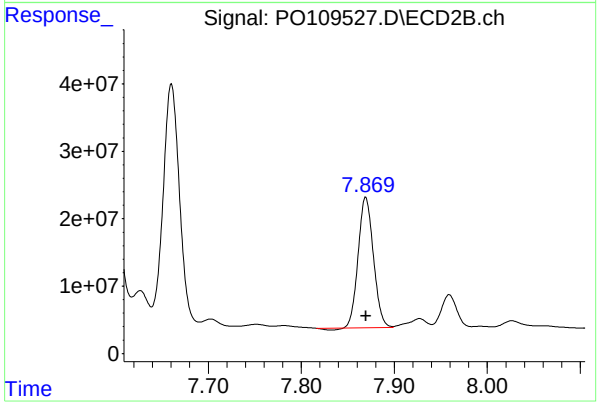
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 436104818
Conc: 830.76 ng/ml



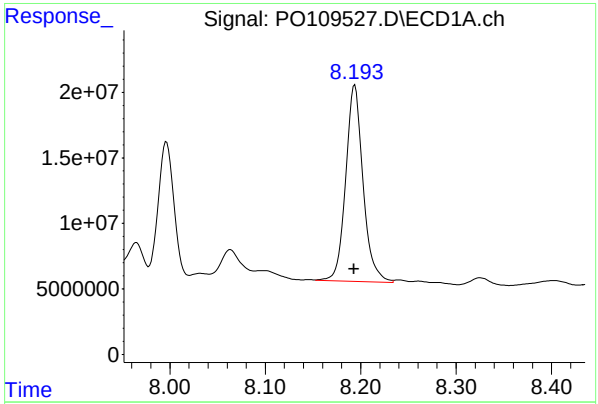
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 482513669
Conc: 473.90 ng/ml



#43 AR-1268-3

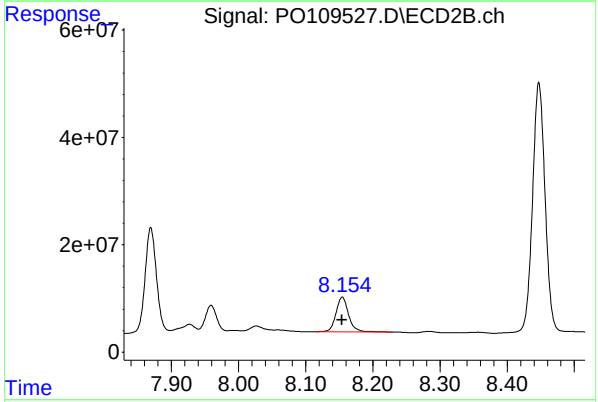
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 219174671
Conc: 512.04 ng/ml



#44 AR-1268-4

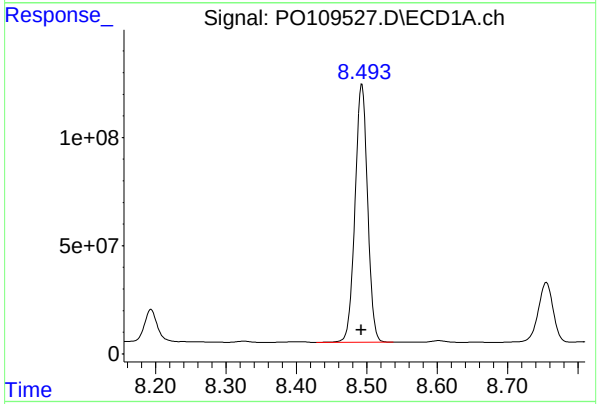
R.T.: 8.194 min
Delta R.T.: 0.000 mi
Response: 191164016
Conc: 449.95 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-16B



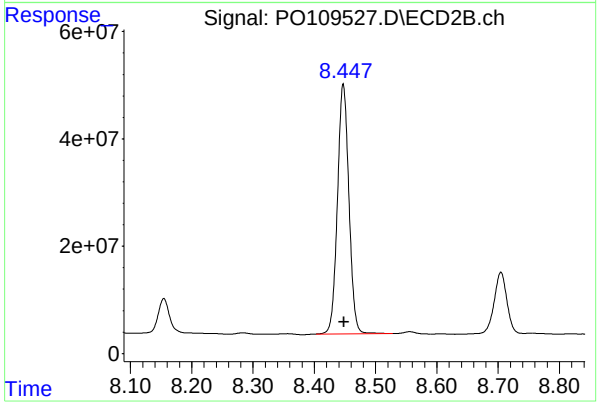
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 84459596
Conc: 523.50 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.001 min
Response: 1480052104
Conc: 490.14 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.000 min
Response: 603440704
Conc: 552.02 ng/ml

Raw Data: **PO109582.D**

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

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:	K084-16BDL	SDG No.:	Q1438
Lab Sample ID:	Q1438-04DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	78.7 Decanted:
Sample Wt/Vol:	30.06 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
PO109582.D	10	02/27/25 09:56	02/28/25 11:52	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	43.0	UD	43.0	216	ug/kg
11104-28-2	Aroclor-1221	81.3	UD	81.3	216	ug/kg
11141-16-5	Aroclor-1232	43.1	UD	43.1	216	ug/kg
53469-21-9	Aroclor-1242	43.0	UD	43.0	216	ug/kg
12672-29-6	Aroclor-1248	100	UD	100	216	ug/kg
11097-69-1	Aroclor-1254	2700	D	34.6	216	ug/kg
37324-23-5	Aroclor-1262	58.0	UD	58.0	216	ug/kg
11100-14-4	Aroclor-1268	289	D	43.5	216	ug/kg
11096-82-5	Aroclor-1260	36.9	UD	36.9	216	ug/kg
Total PCBs	Total PCBs	3000	D	78.1	216	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.7		32 - 144	124%	SPK: 20
2051-24-3	Decachlorobiphenyl	60.8	*	32 - 175	304%	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 : PO109582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 11:52
Operator : YP/AJ
Sample : Q1438-04DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-16BDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:12:34 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 0.50µ Signal #2 Info : 30M x 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	22676968	12917241	2.396	2.468
2)	SA Decachlor...	8.753	8.705	46382738	19371789	5.392	6.084
	Target Compounds						
26)	L6 AR-1254-1	5.599	5.579	147.3E6	80244098	285.771	306.816
27)	L6 AR-1254-2	5.748	5.727	178.2E6	97271880	395.677	414.697
28)	L6 AR-1254-3	6.154	6.130	347.8E6	187.6E6	485.794	526.056
29)	L6 AR-1254-4	6.384	6.358	241.5E6	125.9E6	576.764	651.717
30)	L6 AR-1254-5	6.804	6.774	698.1E6	374.3E6	1118.850	1261.426
41)	L9 AR-1268-1	7.631	7.597	78538449	36765153	59.309	64.341
42)	L9 AR-1268-2	7.694	7.660	103.4E6	50046718	85.485	95.337
43)	L9 AR-1268-3	7.904	7.869	54912281	25876899	53.932	60.454
44)	L9 AR-1268-4	8.192	8.154	22828208	10019704	53.731	62.105
45)	L9 AR-1268-5	8.491	8.448	152.0E6	65588393	50.336	60.000

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

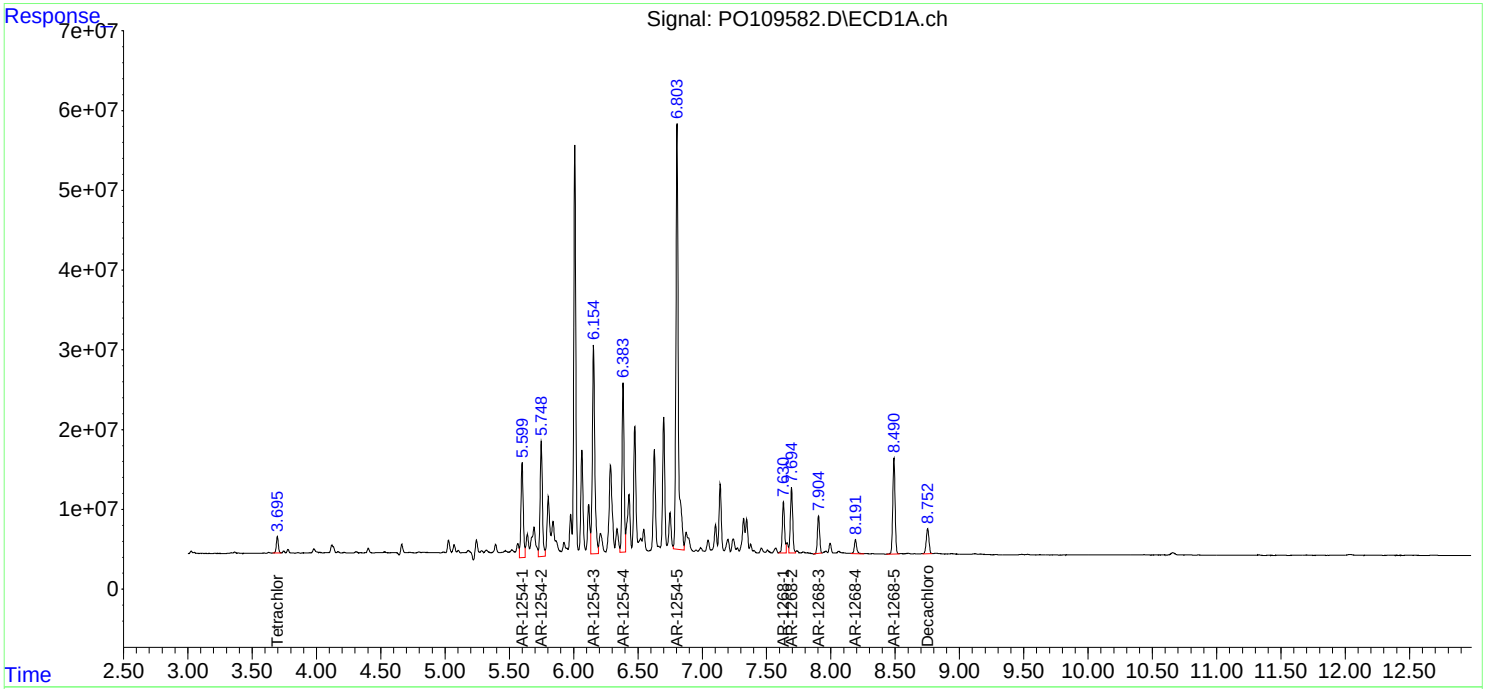
Sample Results: **PO109582.D**

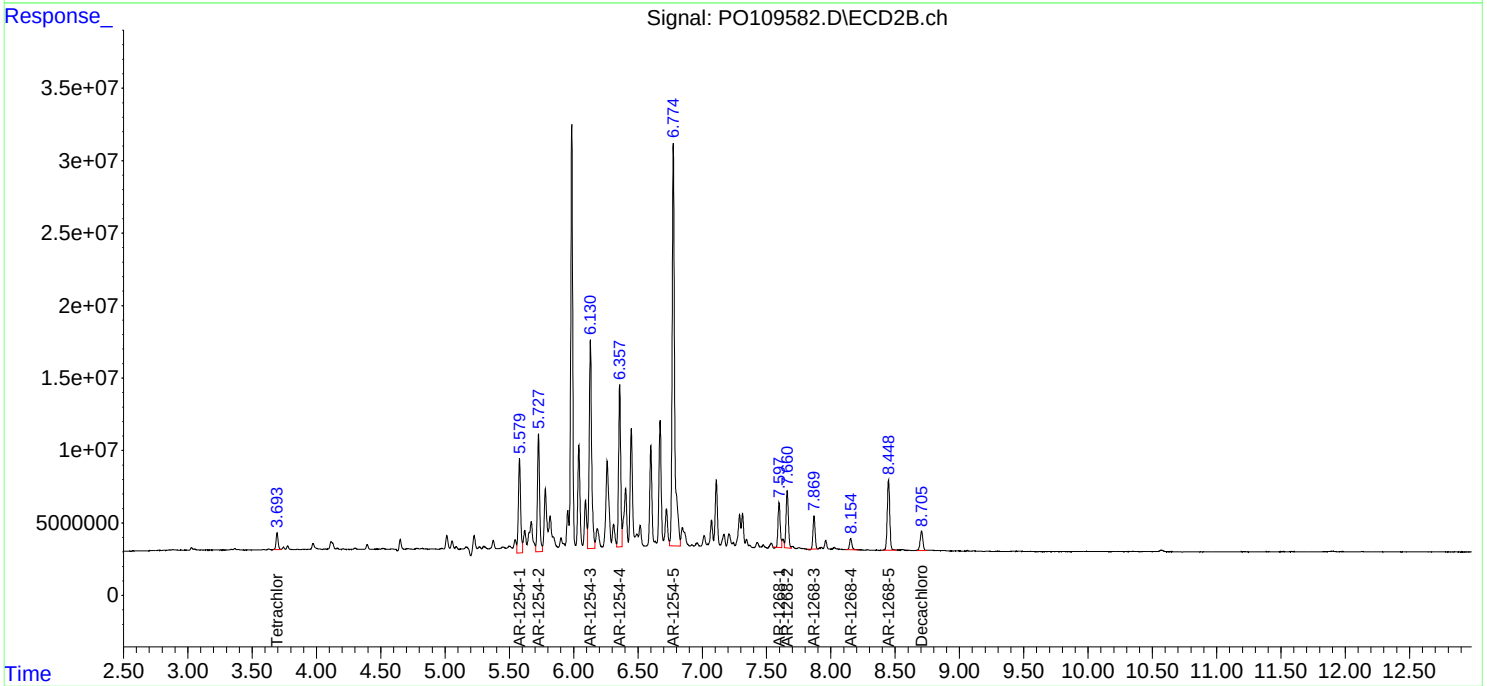
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 11:52
Operator : YP/AJ
Sample : Q1438-04DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

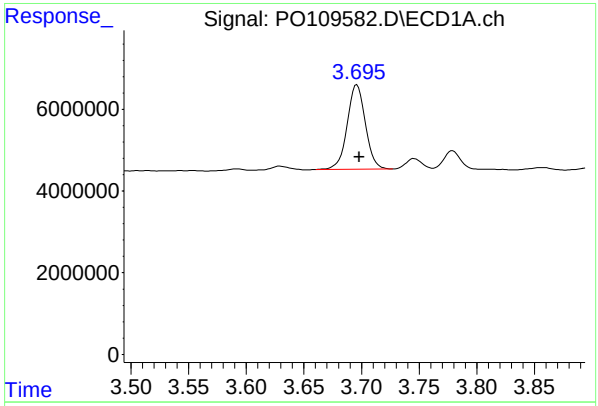
Instrument :
ECD_O
ClientSampleId :
K084-16BDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:12:34 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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



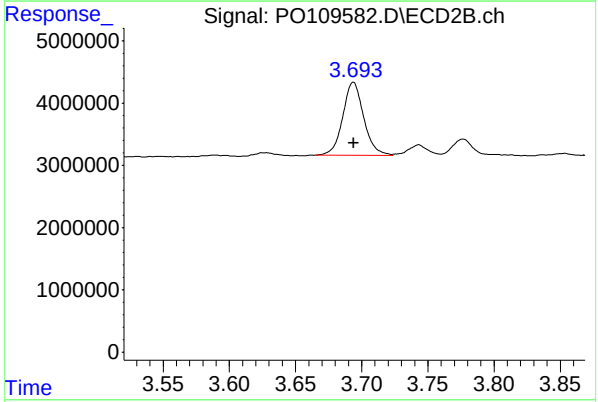




#1 Tetrachloro-m-xylene

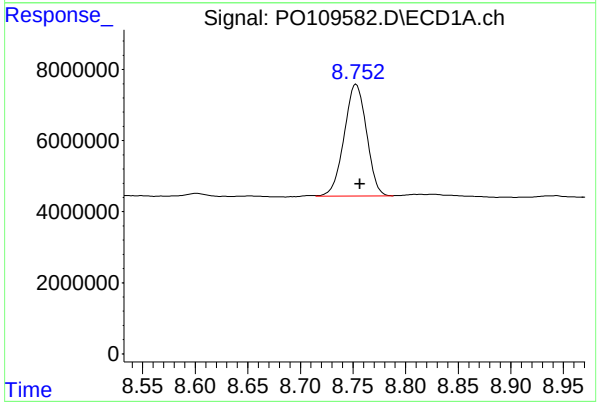
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 22676968
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16BDL



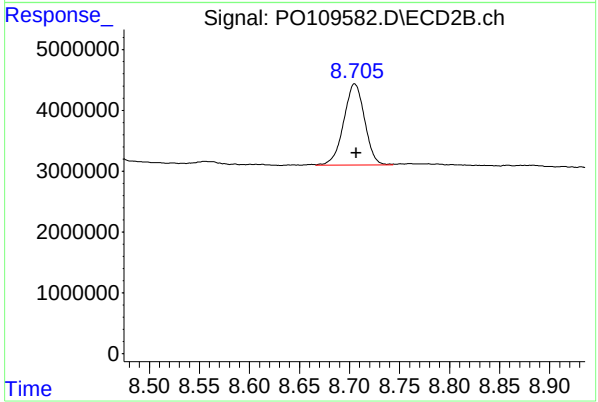
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 12917241
Conc: 2.47 ng/ml



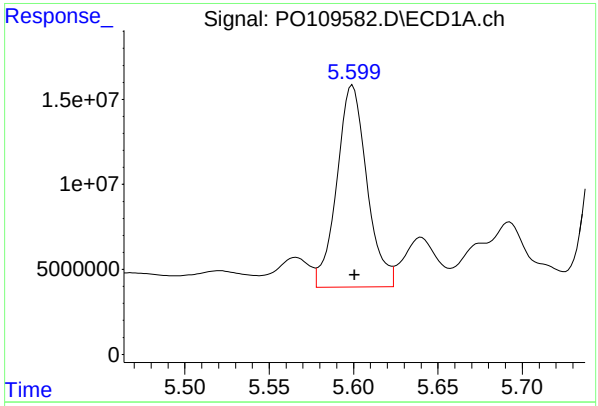
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 46382738
Conc: 5.39 ng/ml



#2 Decachlorobiphenyl

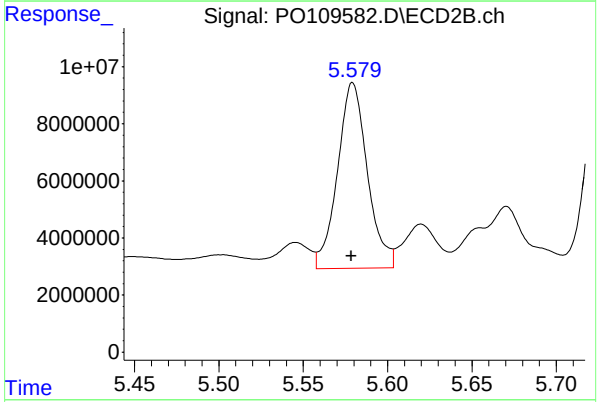
R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 19371789
Conc: 6.08 ng/ml



#26 AR-1254-1

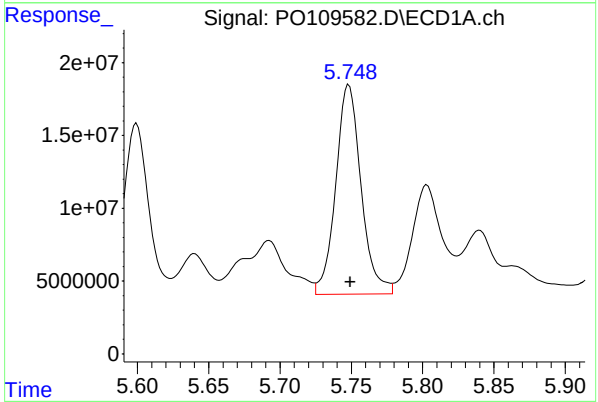
R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 147345679
Conc: 285.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16BDL



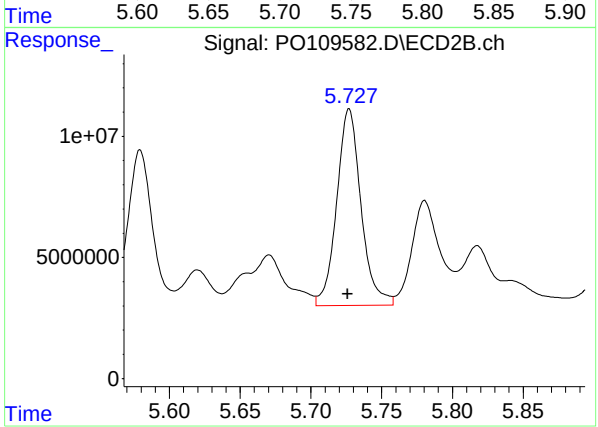
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 80244098
Conc: 306.82 ng/ml



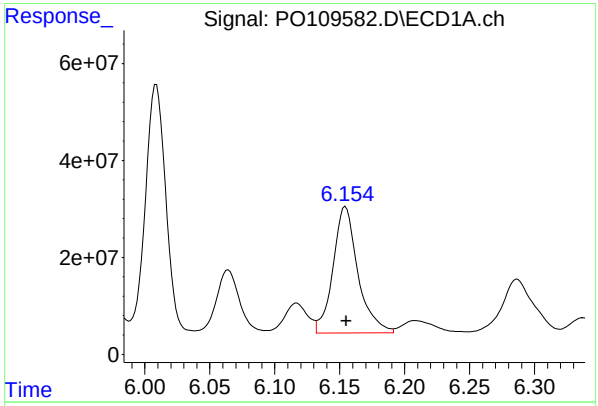
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 178202937
Conc: 395.68 ng/ml



#27 AR-1254-2

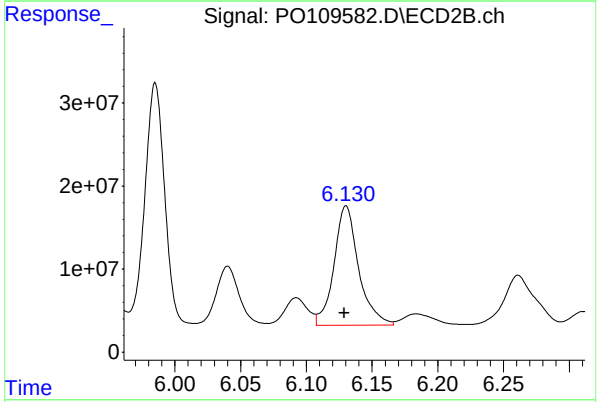
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 97271880
Conc: 414.70 ng/ml



#28 AR-1254-3

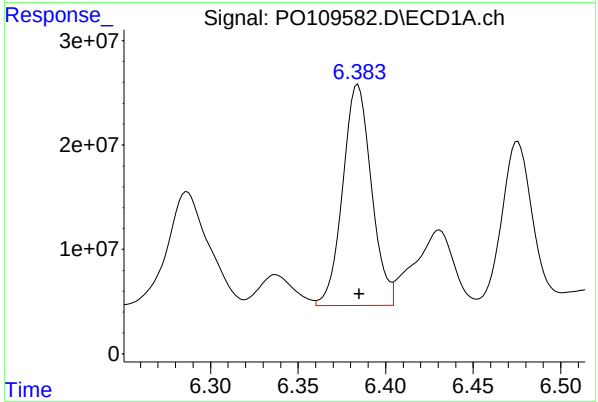
R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 347806783
Conc: 485.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16BDL



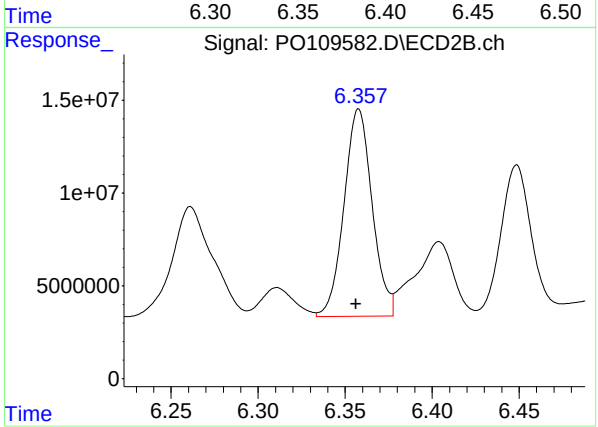
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 187646661
Conc: 526.06 ng/ml



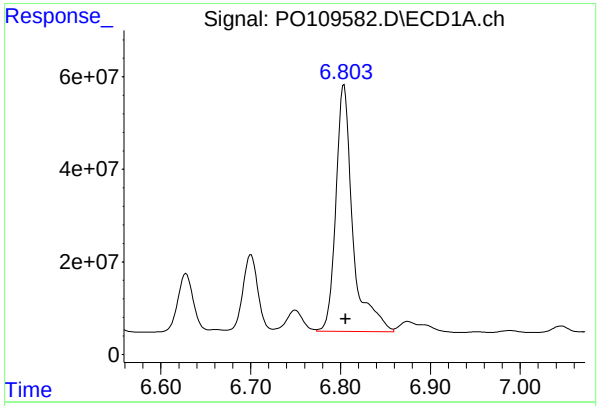
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 241543732
Conc: 576.76 ng/ml



#29 AR-1254-4

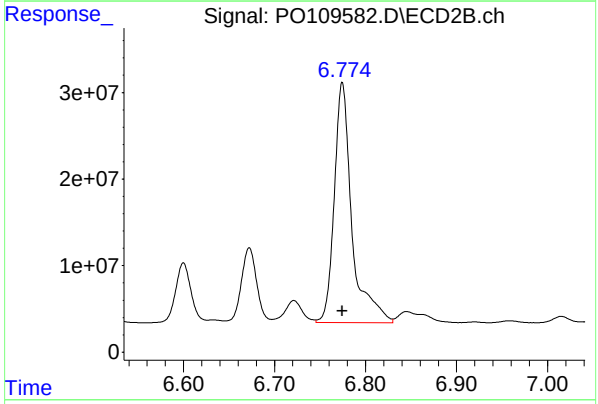
R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 125861856
Conc: 651.72 ng/ml



#30 AR-1254-5

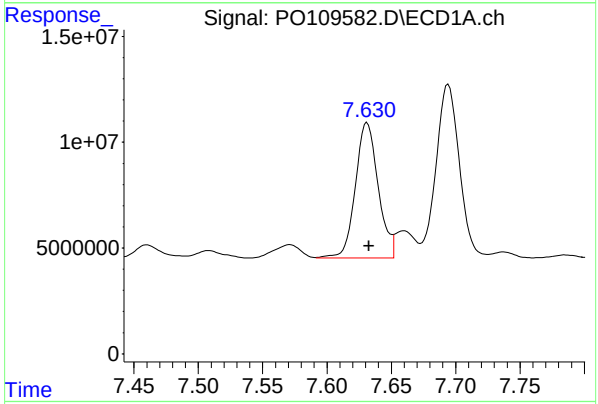
R.T.: 6.804 min
Delta R.T.: -0.002 mi
Response: 698053767
Conc: 1118.85 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-16BDL



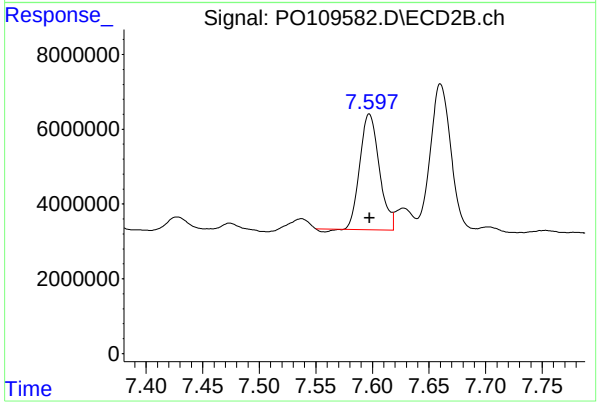
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 374305884
Conc: 1261.43 ng/ml



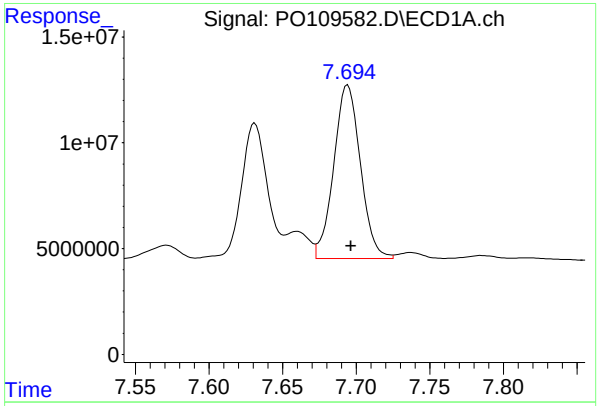
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 78538449
Conc: 59.31 ng/ml



#41 AR-1268-1

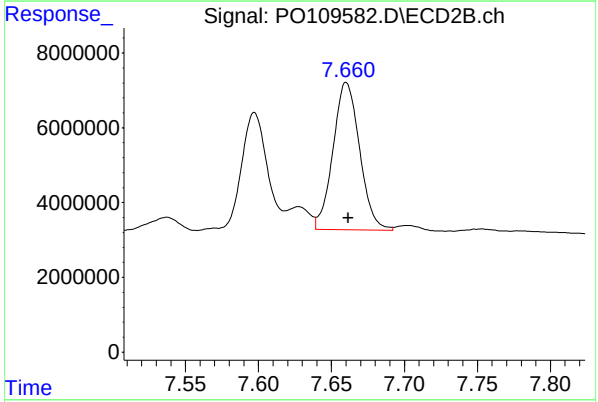
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 36765153
Conc: 64.34 ng/ml



#42 AR-1268-2

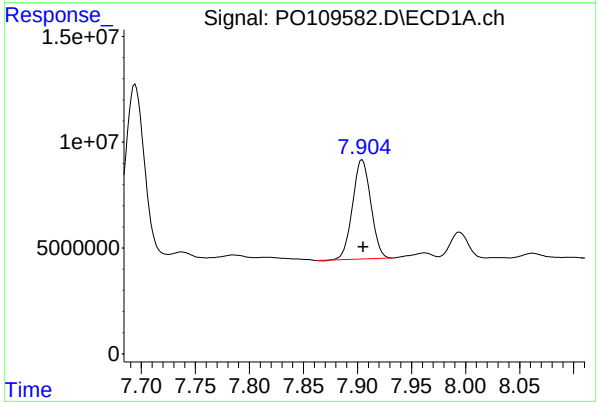
R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 103360797
Conc: 85.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16BDL



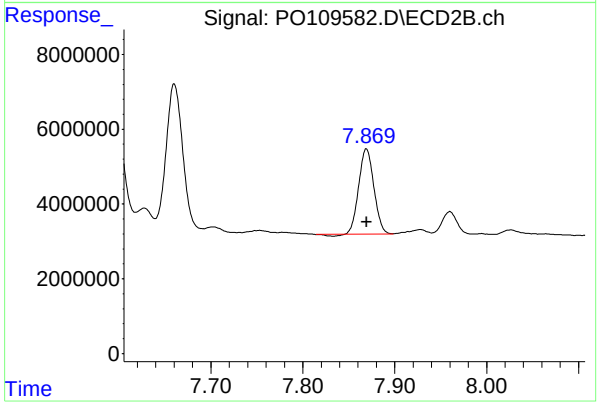
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 50046718
Conc: 95.34 ng/ml



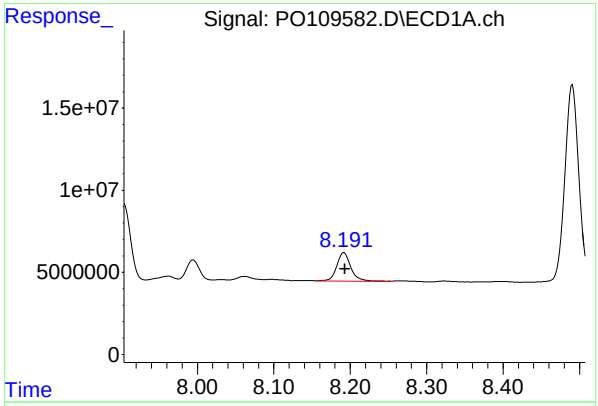
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.001 min
Response: 54912281
Conc: 53.93 ng/ml



#43 AR-1268-3

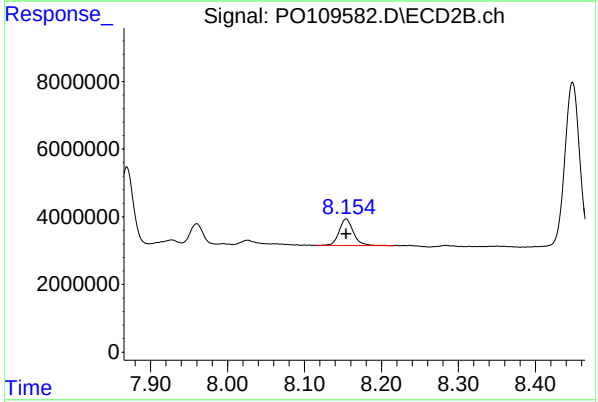
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 25876899
Conc: 60.45 ng/ml



#44 AR-1268-4

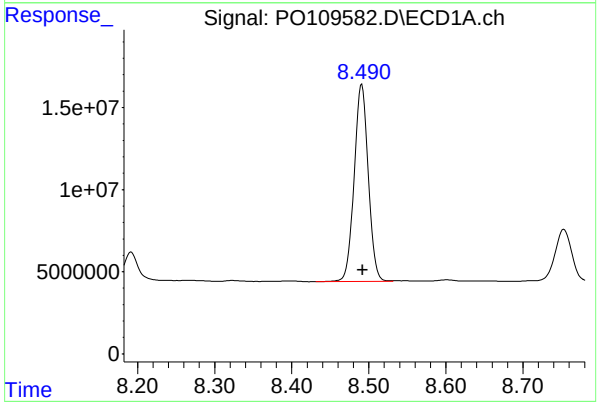
R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 22828208
Conc: 53.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16BDL



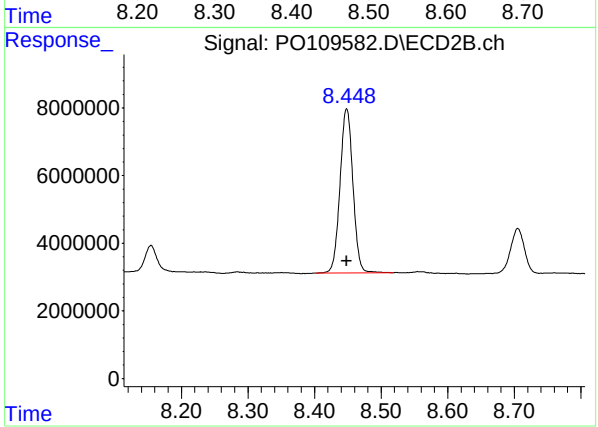
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 10019704
Conc: 62.10 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 151998503
Conc: 50.34 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 65588393
Conc: 60.00 ng/ml

Raw Data: **PO109676.D**

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

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:	K084-16C	SDG No.:	Q1438
Lab Sample ID:	Q1438-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.7 Decanted:
Sample Wt/Vol:	30.08 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
PO109676.D	1	03/06/25 11:40	03/06/25 21:04	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	22.7	ug/kg
11104-28-2	Aroclor-1221	8.60	U	8.60	22.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	22.7	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	22.7	ug/kg
12672-29-6	Aroclor-1248	10.5	U	10.5	22.7	ug/kg
11097-69-1	Aroclor-1254	3000	E	3.60	22.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	22.7	ug/kg
11100-14-4	Aroclor-1268	102		4.60	22.7	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	22.7	ug/kg
Total PCBs	Total PCBs	3100		8.20	22.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.2		32 - 144	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	26.2		32 - 175	131%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO109676.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109676.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 21:04
Operator : YP/AJ
Sample : Q1438-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-16C

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 00:13:26 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 0.50µ Signal #2 Info : 30M x 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	199.6E6	116.4E6	21.083	22.237
2)	SA Decachlor...	8.753	8.705	203.9E6	83440698	23.700	26.204
	Target Compounds						
26)	L6 AR-1254-1	5.598	5.579	2132.7E6	1192.4E6	4136.303	4559.242
27)	L6 AR-1254-2	5.747	5.727	2301.1E6	1284.8E6	5109.288	5477.307
28)	L6 AR-1254-3	6.153	6.130	4434.8E6	2458.8E6	6194.230	6893.056
29)	L6 AR-1254-4	6.383	6.358	2587.2E6	1366.9E6	6177.713	7077.906
30)	L6 AR-1254-5	6.803	6.775	5598.6E6	2979.7E6	8973.484	10041.714
41)	L9 AR-1268-1	7.631	7.598	240.2E6	114.9E6	181.409	201.021m
42)	L9 AR-1268-2	7.693	7.660	431.7E6	195.9E6	357.023	373.252
43)	L9 AR-1268-3	7.904	7.870	164.0E6	74328276	161.056	173.646
44)	L9 AR-1268-4	8.192	8.154	80945974	35151524	190.524	217.879
45)	L9 AR-1268-5	8.491	8.448	469.0E6	193.4E6	155.307	176.922

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109676.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 21:04
Operator : YP/AJ
Sample : Q1438-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

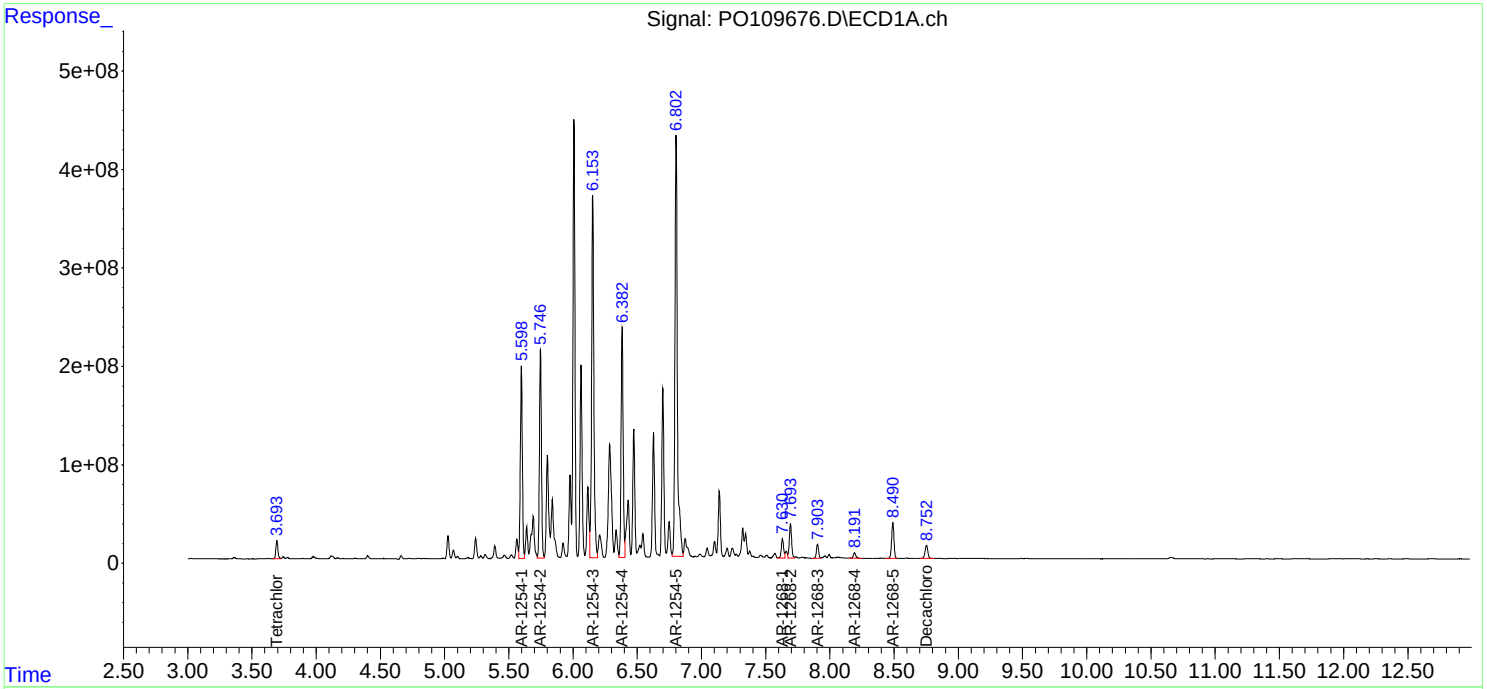
Instrument :
ECD_O
ClientSampleId :
K084-16C

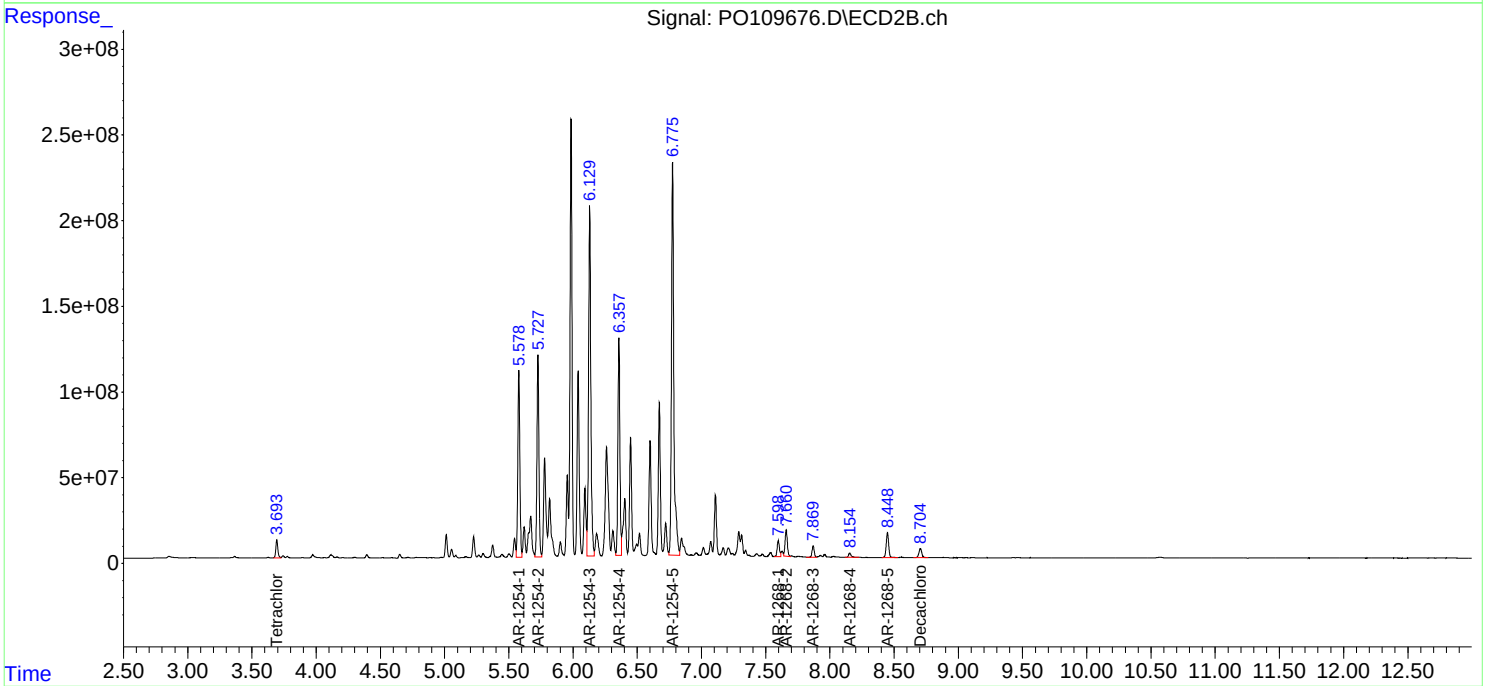
Manual Integrations APPROVED

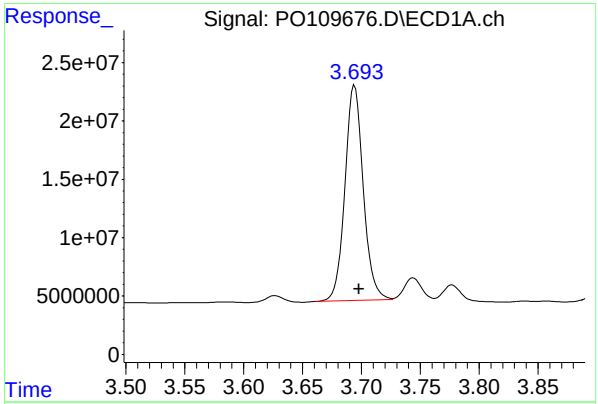
Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:13:26 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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







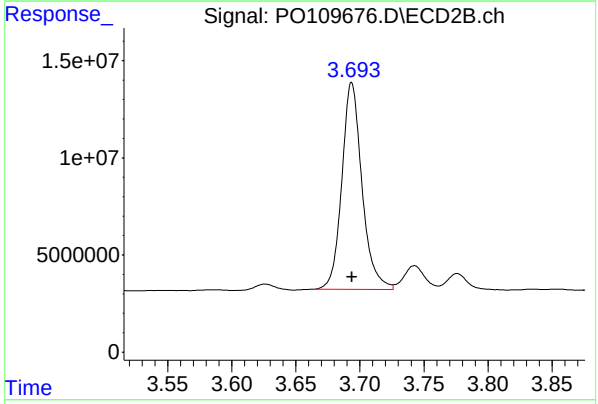
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: -0.004 min
Response: 199555634
Conc: 21.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16C

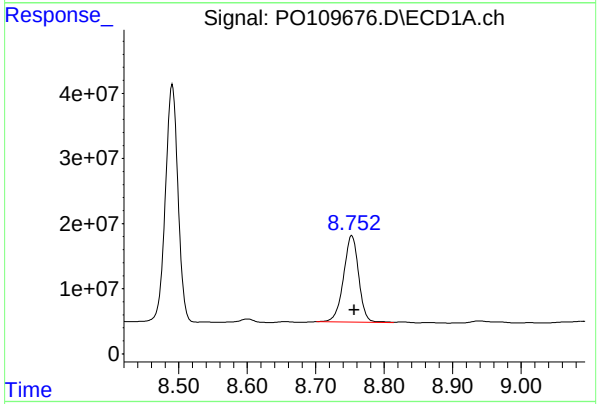
Manual Integrations APPROVED

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



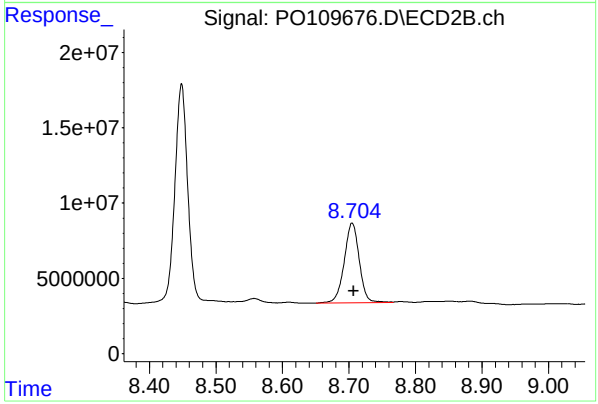
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 116392508
Conc: 22.24 ng/ml



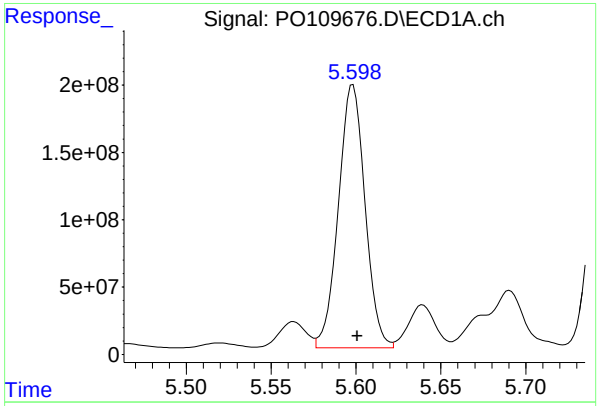
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 203866101
Conc: 23.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 83440698
Conc: 26.20 ng/ml



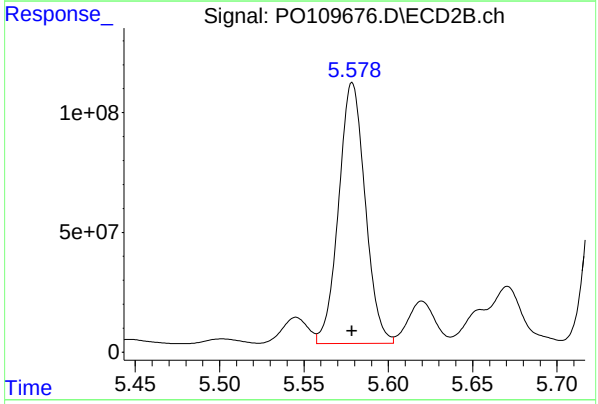
#26 AR-1254-1

R.T.: 5.598 min
Delta R.T.: -0.003 mi
Response: 2132705324
Conc: 4136.30 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-16C

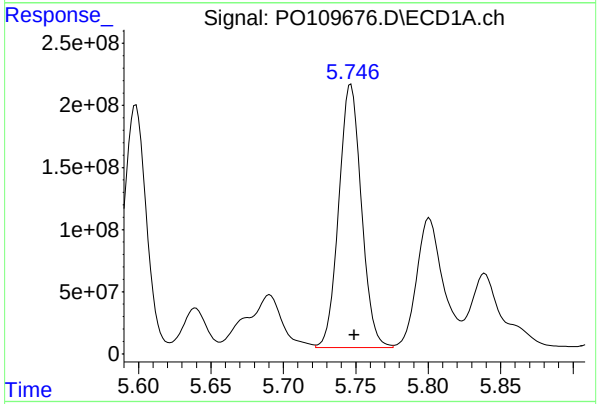
Manual Integrations
APPROVED

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



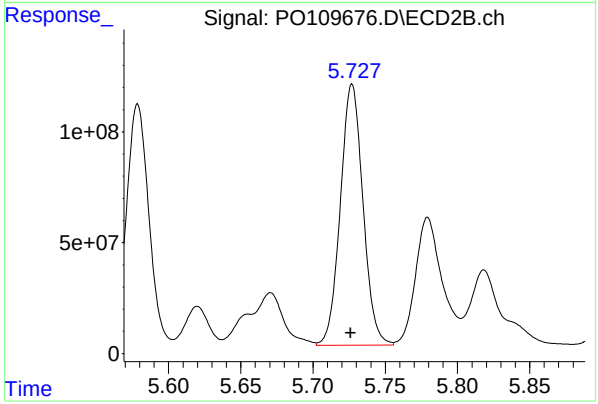
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 1192416386
Conc: 4559.24 ng/ml



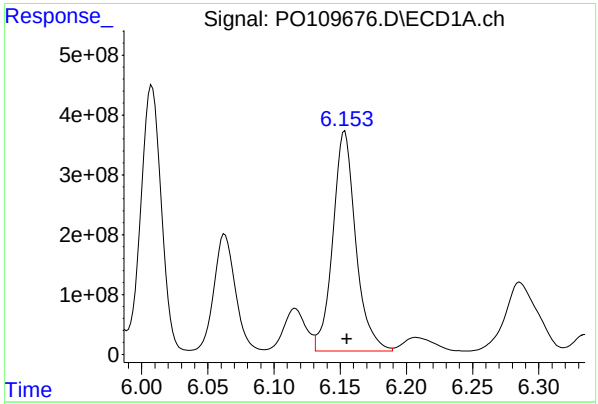
#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: -0.003 min
Response: 2301093221
Conc: 5109.29 ng/ml



#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 1284765192
Conc: 5477.31 ng/ml



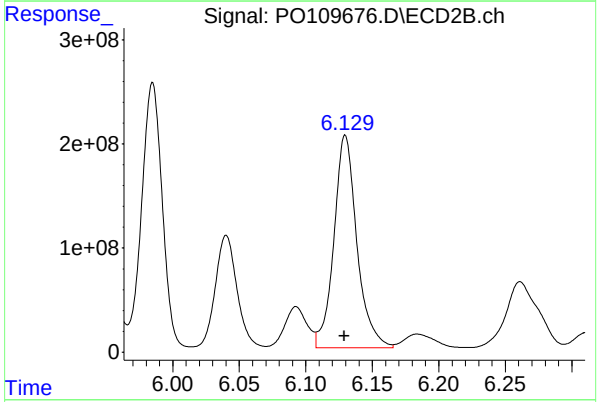
#28 AR-1254-3

R.T.: 6.153 min
Delta R.T.: -0.002 mi
Response: 4434792160
Conc: 6194.23 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-16C

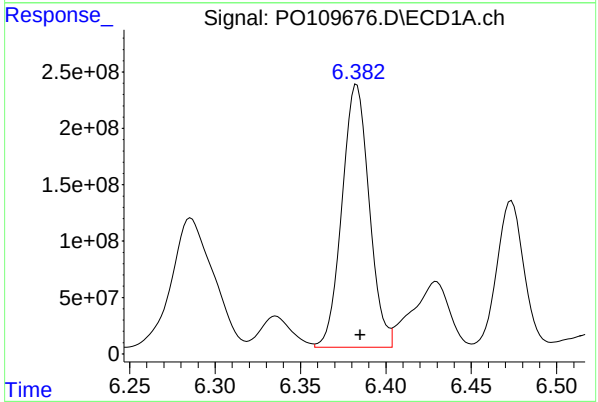
Manual Integrations
APPROVED

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



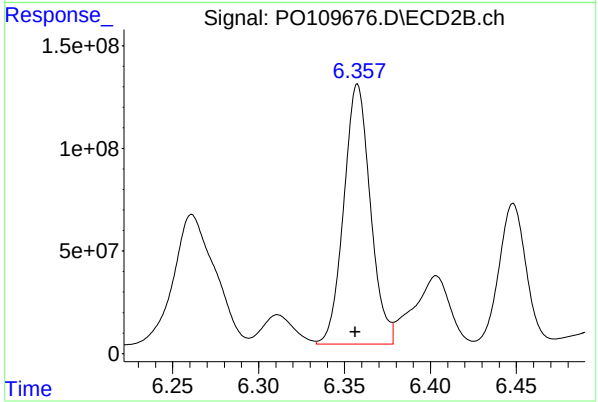
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 2458784698
Conc: 6893.06 ng/ml



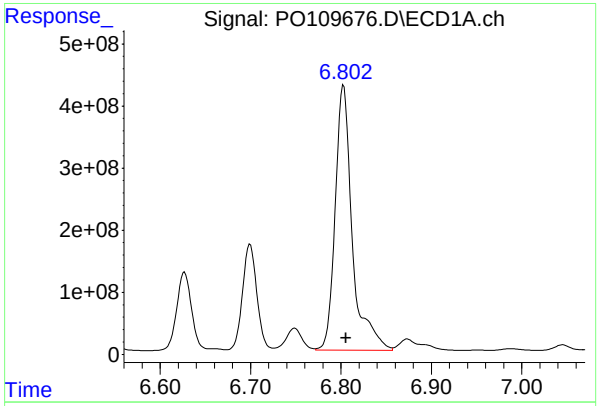
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 2587173576
Conc: 6177.71 ng/ml



#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 1366909362
Conc: 7077.91 ng/ml



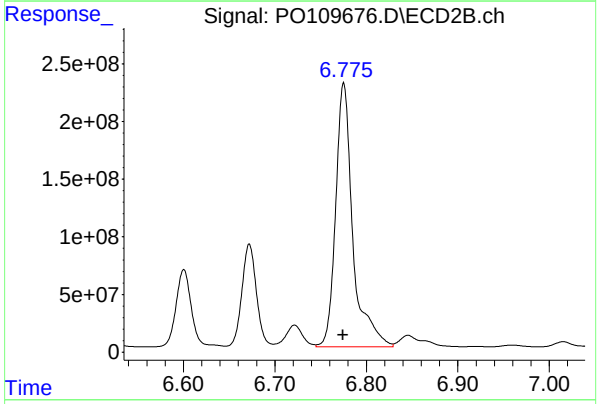
#30 AR-1254-5

R.T.: 6.803 min
Delta R.T.: -0.003 mi
Response: 5598582925
Conc: 8973.48 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-16C

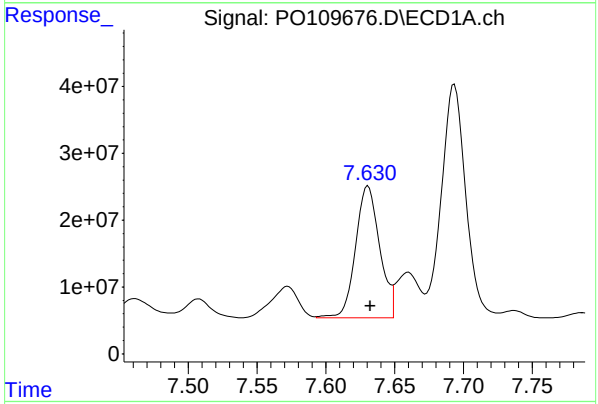
Manual Integrations
APPROVED

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



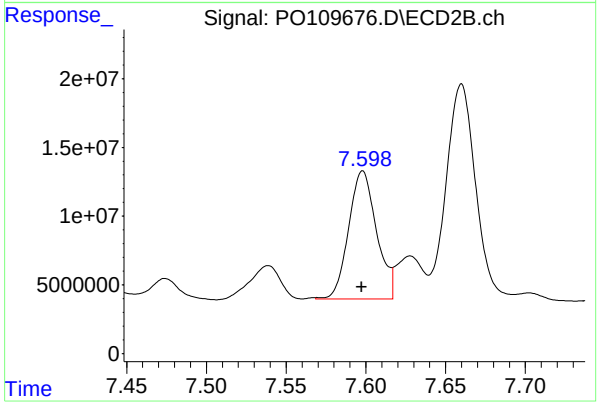
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 2979700220
Conc: 10041.71 ng/ml



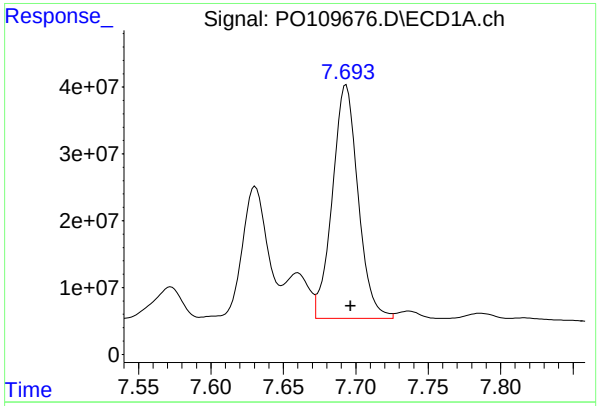
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 240224779
Conc: 181.41 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 114865681
Conc: 201.02 ng/ml m



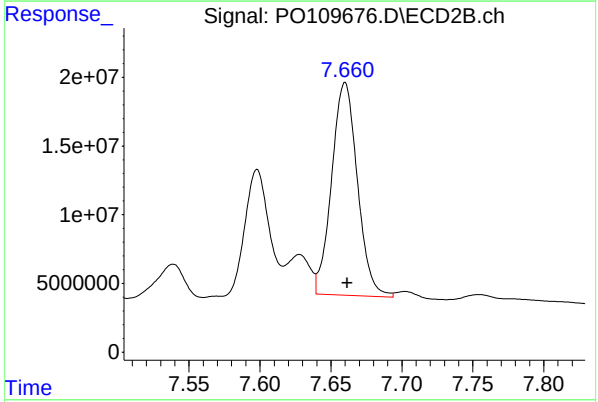
#42 AR-1268-2

R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 431678520
Conc: 357.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16C

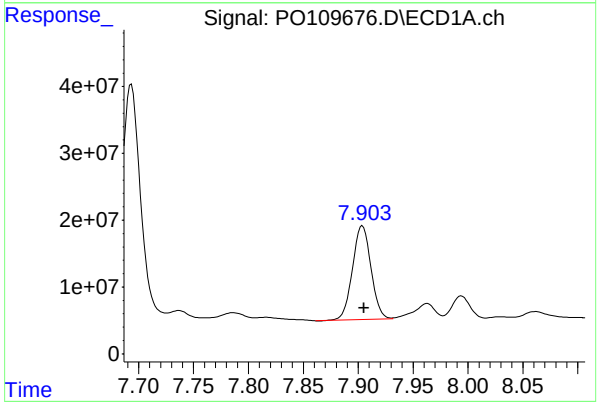
Manual Integrations
APPROVED

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



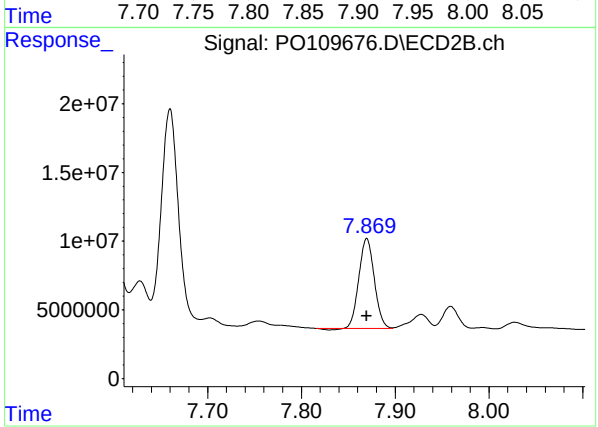
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 195936524
Conc: 373.25 ng/ml



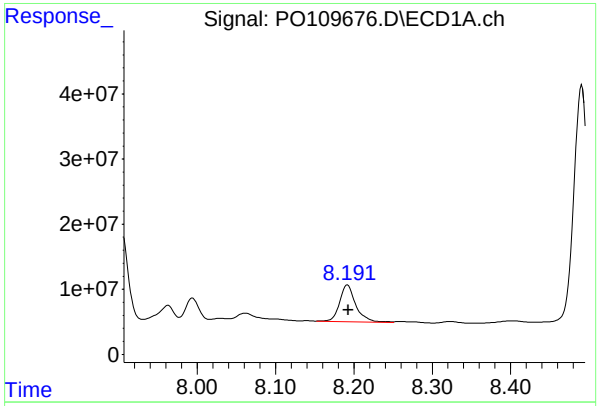
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 163983966
Conc: 161.06 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 74328276
Conc: 173.65 ng/ml



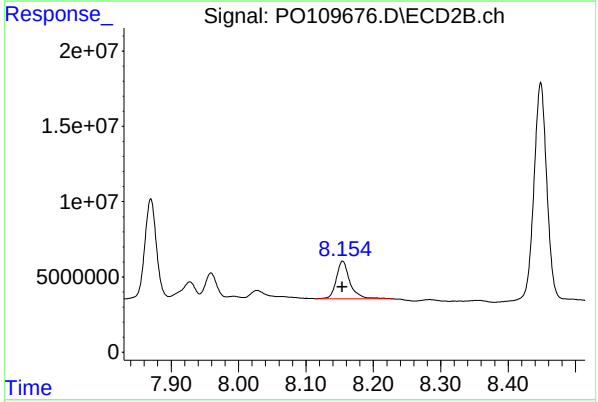
#44 AR-1268-4

R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 80945974
Conc: 190.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16C

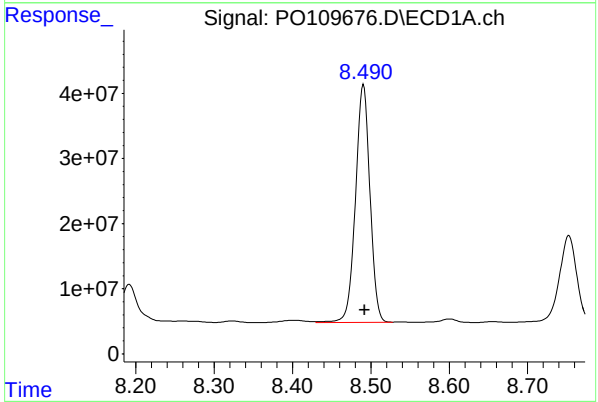
Manual Integrations
APPROVED

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



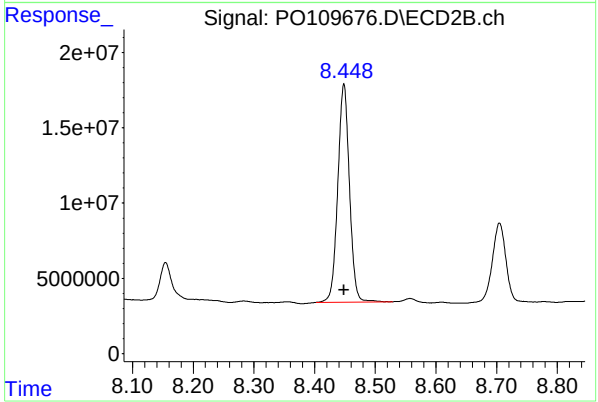
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 35151524
Conc: 217.88 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 468973538
Conc: 155.31 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 193401704
Conc: 176.92 ng/ml

Raw Data: **PO109702.D**

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

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:	K084-16CDL	SDG No.:	Q1438
Lab Sample ID:	Q1438-05DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.7 Decanted:
Sample Wt/Vol:	30.08 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
PO109702.D	10	03/06/25 11:40	03/07/25 10:12	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	45.3	UD	45.3	227	ug/kg
11104-28-2	Aroclor-1221	85.6	UD	85.6	227	ug/kg
11141-16-5	Aroclor-1232	45.4	UD	45.4	227	ug/kg
53469-21-9	Aroclor-1242	45.3	UD	45.3	227	ug/kg
12672-29-6	Aroclor-1248	105	UD	105	227	ug/kg
11097-69-1	Aroclor-1254	3900	D	36.4	227	ug/kg
37324-23-5	Aroclor-1262	61.0	UD	61.0	227	ug/kg
11100-14-4	Aroclor-1268	149	JD	45.8	227	ug/kg
11096-82-5	Aroclor-1260	38.9	UD	38.9	227	ug/kg
Total PCBs	Total PCBs	4000	D	82.2	227	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	29.5	*	32 - 144	148%	SPK: 20
2051-24-3	Decachlorobiphenyl	38.4	*	32 - 175	192%	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 : PO109702.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:12
Operator : YP/AJ
Sample : Q1438-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-16CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:44:53 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 0.50µ Signal #2 Info : 30M x 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	27183056	15458751	2.872	2.953
2)	SA Decachlor...	8.751	8.703	30437442	12240304	3.538	3.844
	Target Compounds						
26)	L6 AR-1254-1	5.596	5.578	299.2E6	159.7E6	580.245	610.513
27)	L6 AR-1254-2	5.746	5.725	323.4E6	173.6E6	718.054	739.970
28)	L6 AR-1254-3	6.152	6.128	601.0E6	315.7E6	839.488	884.908
29)	L6 AR-1254-4	6.382	6.356	351.3E6	175.6E6	838.945	909.196
30)	L6 AR-1254-5	6.801	6.773	686.3E6	350.5E6	1100.059	1181.299
41)	L9 AR-1268-1	7.629	7.596	37210681	15749507	28.100	27.562
42)	L9 AR-1268-2	7.690	7.659	63544066	29071957	52.555	55.381
43)	L9 AR-1268-3	7.902	7.868	25416601	11571028	24.963	27.032
44)	L9 AR-1268-4	8.189	8.153	11570270	5084641	27.233	31.516
45)	L9 AR-1268-5	8.488	8.446	65594077	28272312	21.722	25.863

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

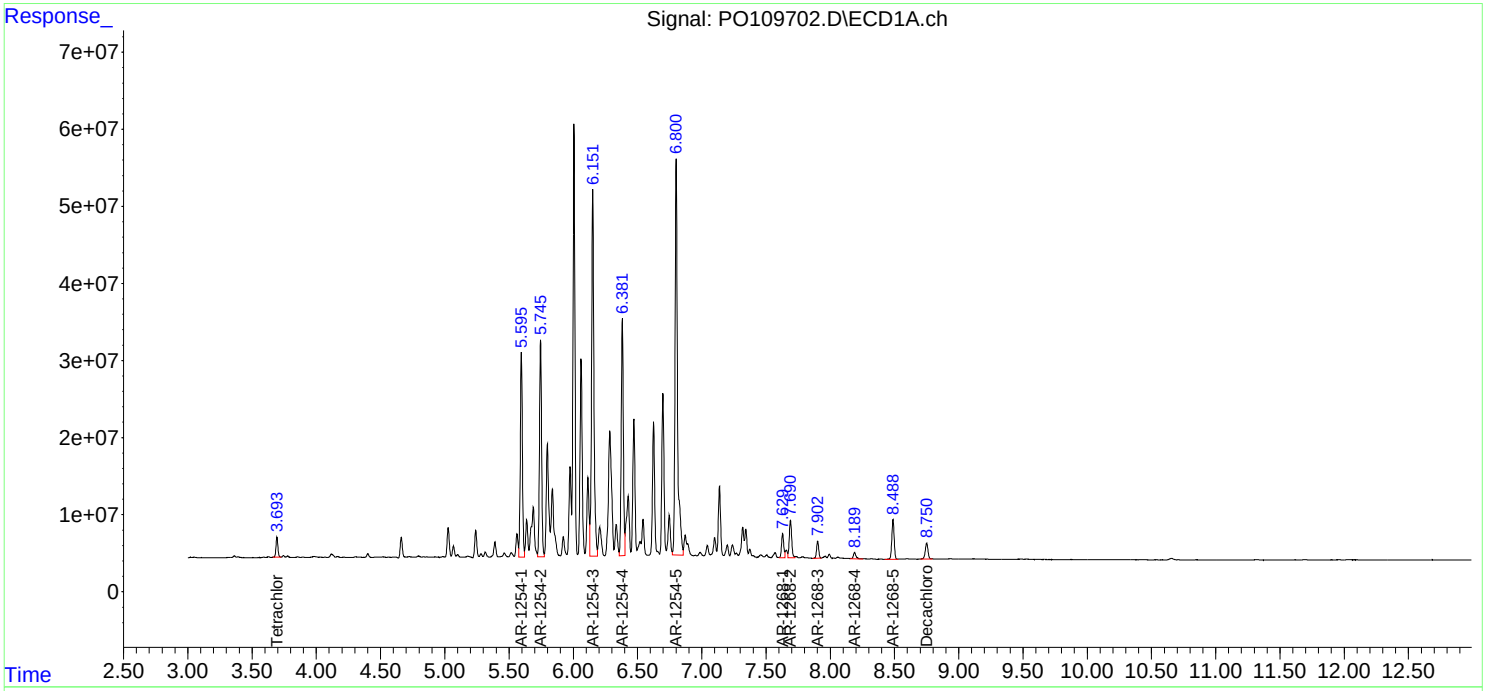
Sample Results: **PO109702.D**

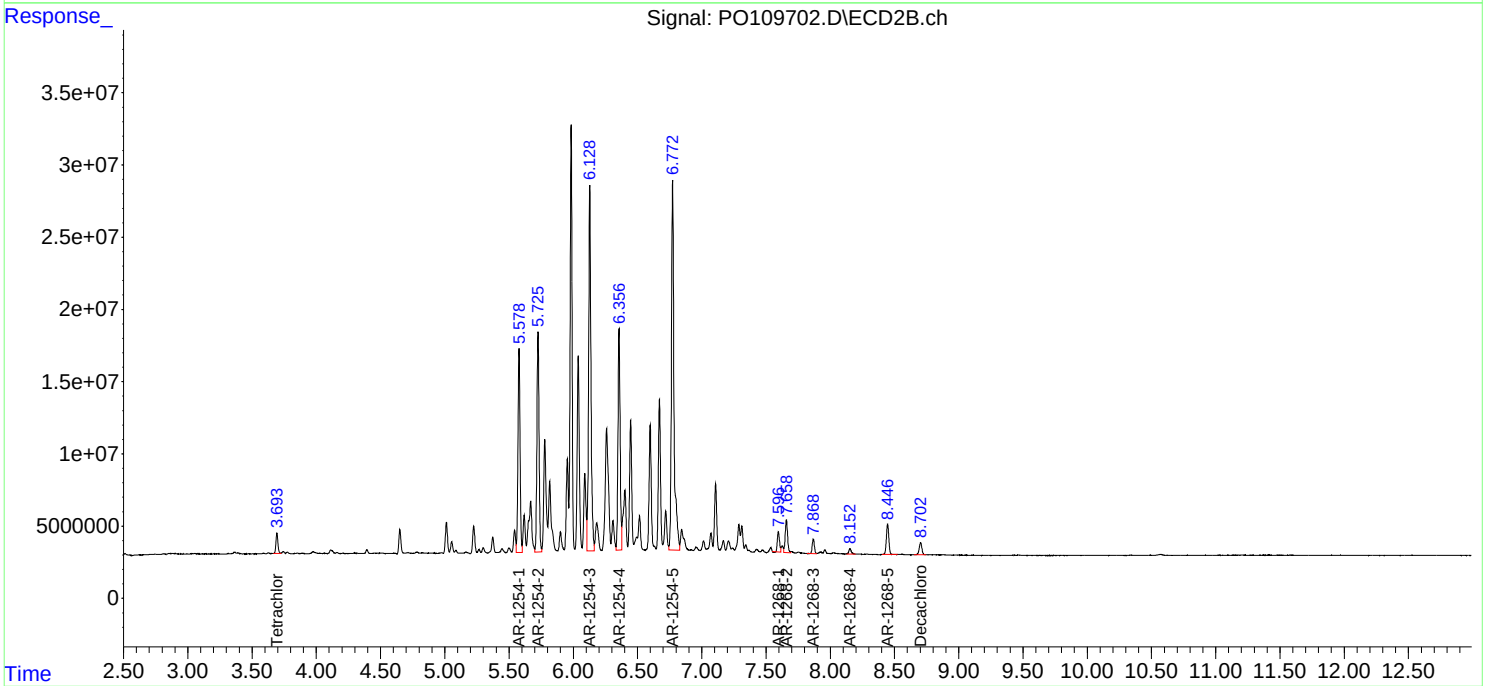
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109702.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:12
Operator : YP/AJ
Sample : Q1438-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

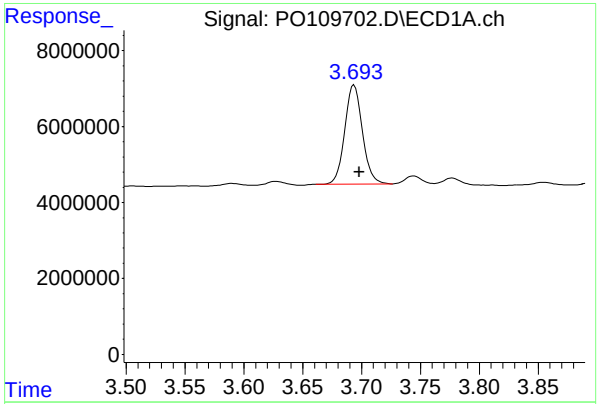
Instrument :
ECD_O
ClientSampleId :
K084-16CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:44:53 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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



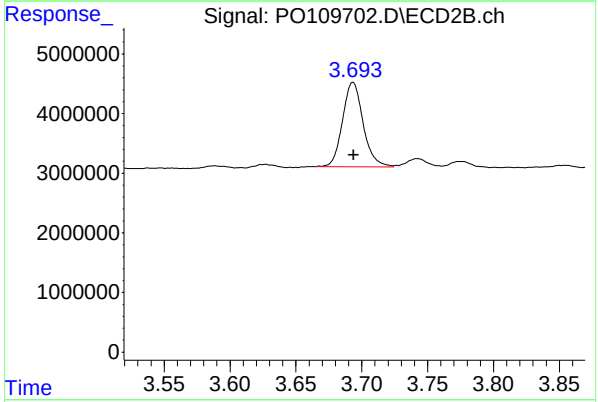




#1 Tetrachloro-m-xylene

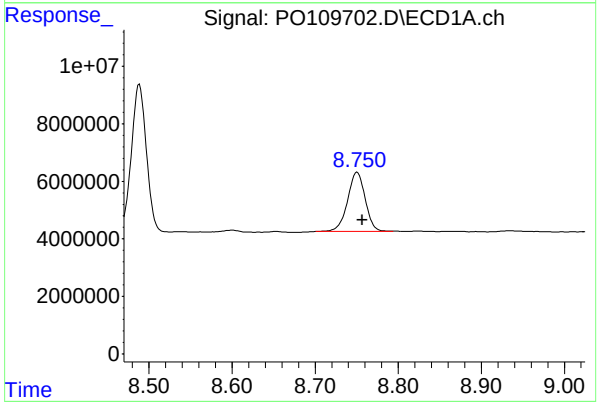
R.T.: 3.694 min
Delta R.T.: -0.004 min
Response: 27183056
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16CDL



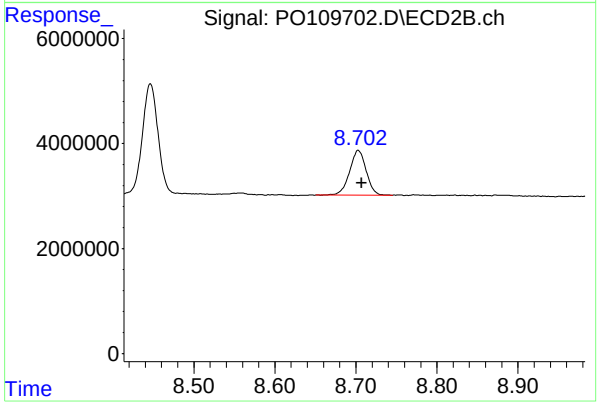
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 15458751
Conc: 2.95 ng/ml



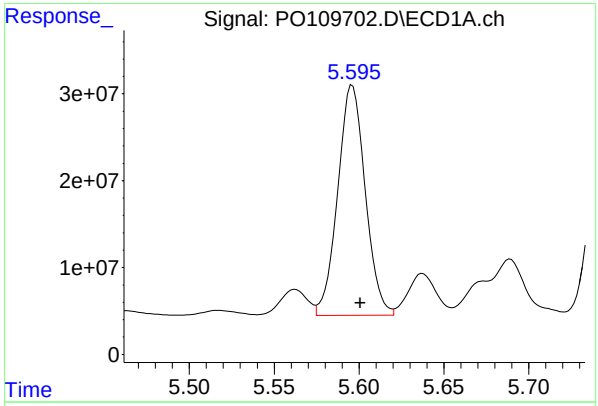
#2 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.006 min
Response: 30437442
Conc: 3.54 ng/ml



#2 Decachlorobiphenyl

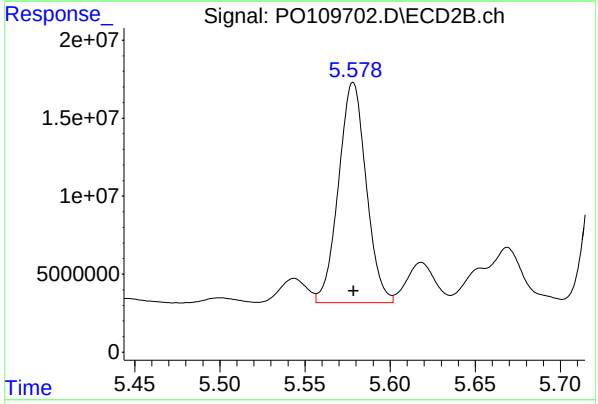
R.T.: 8.703 min
Delta R.T.: -0.004 min
Response: 12240304
Conc: 3.84 ng/ml



#26 AR-1254-1

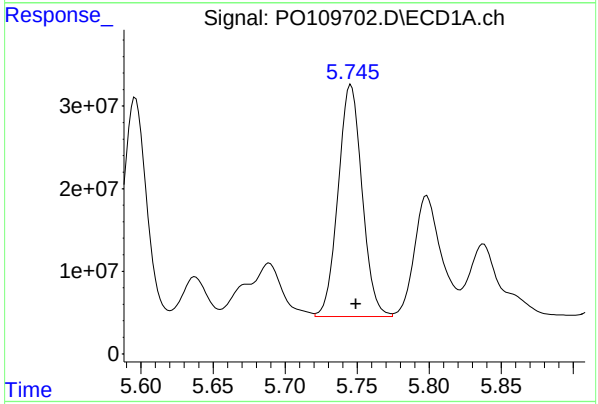
R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 299178186
Conc: 580.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16CDL



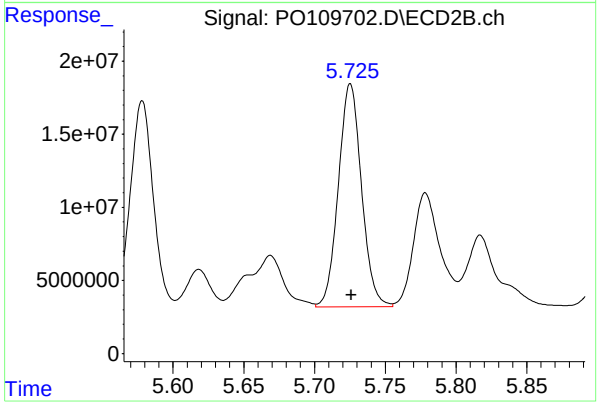
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 159672606
Conc: 610.51 ng/ml



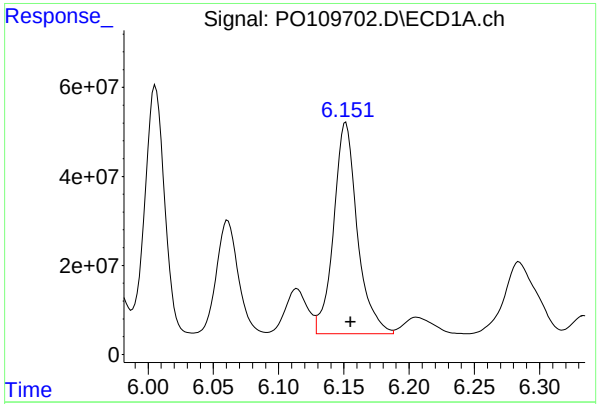
#27 AR-1254-2

R.T.: 5.746 min
Delta R.T.: -0.004 min
Response: 323393303
Conc: 718.05 ng/ml



#27 AR-1254-2

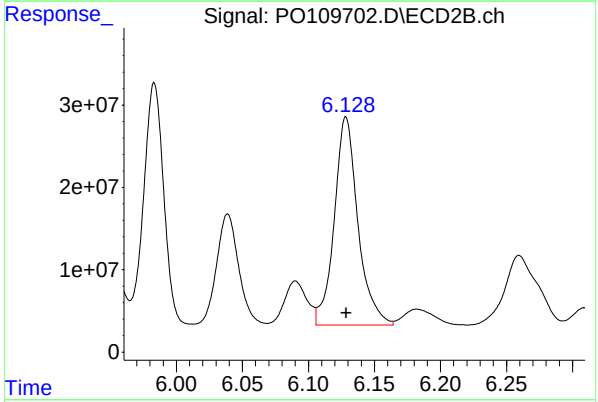
R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 173568367
Conc: 739.97 ng/ml



#28 AR-1254-3

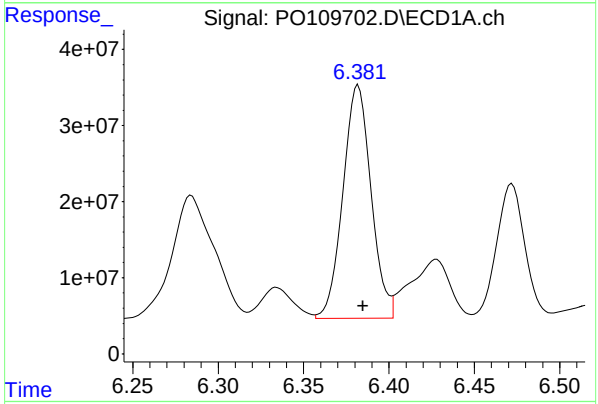
R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 601036053
Conc: 839.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16CDL



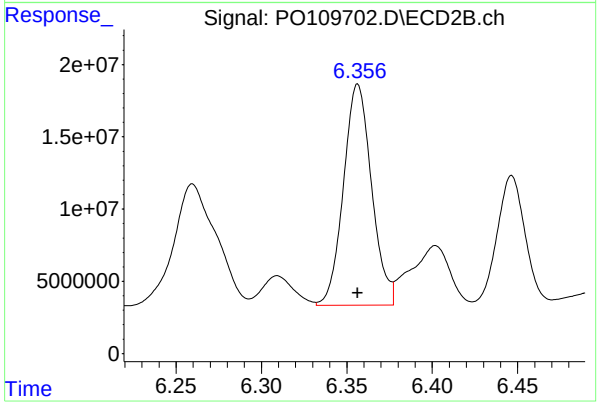
#28 AR-1254-3

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 315650711
Conc: 884.91 ng/ml



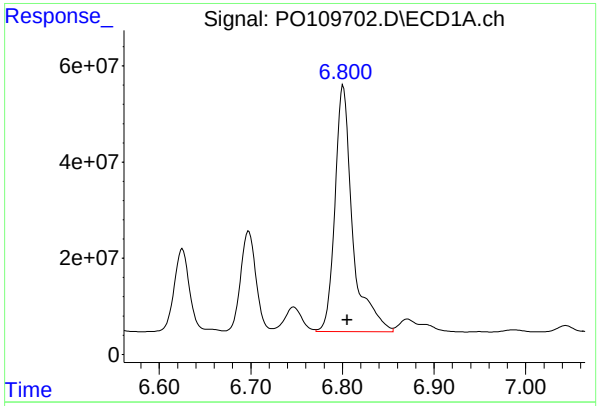
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 351343002
Conc: 838.94 ng/ml



#29 AR-1254-4

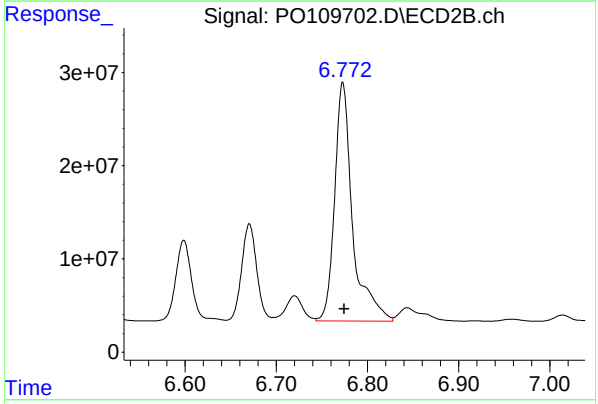
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 175587015
Conc: 909.20 ng/ml



#30 AR-1254-5

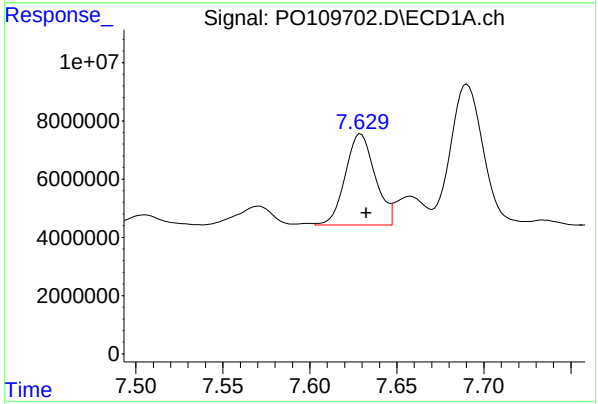
R.T.: 6.801 min
Delta R.T.: -0.005 mi
Response: 686329959
Conc: 1100.06 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-16CDL



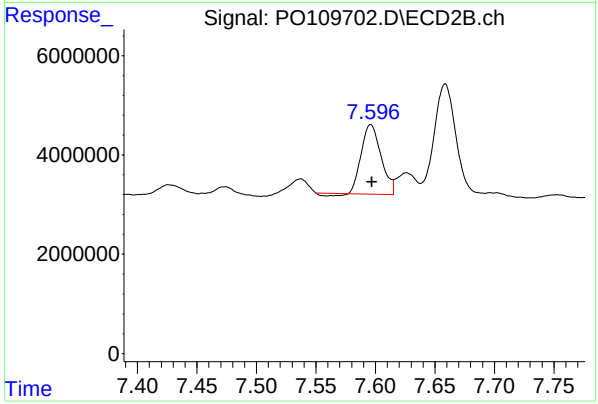
#30 AR-1254-5

R.T.: 6.773 min
Delta R.T.: -0.002 min
Response: 350529449
Conc: 1181.30 ng/ml



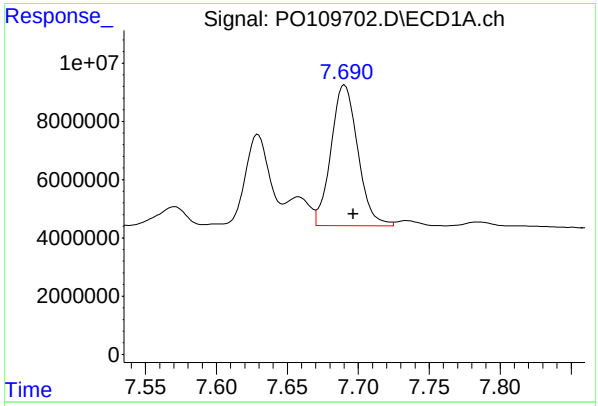
#41 AR-1268-1

R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 37210681
Conc: 28.10 ng/ml



#41 AR-1268-1

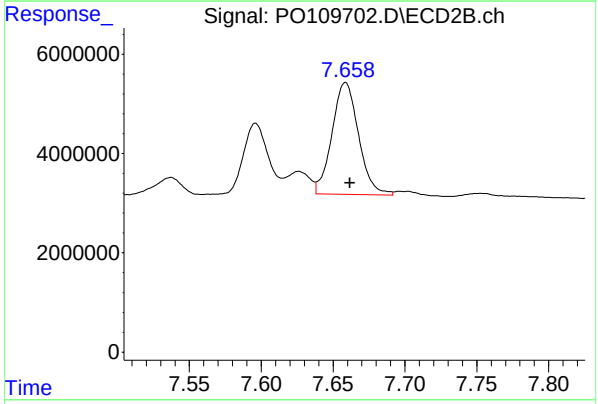
R.T.: 7.596 min
Delta R.T.: -0.001 min
Response: 15749507
Conc: 27.56 ng/ml



#42 AR-1268-2

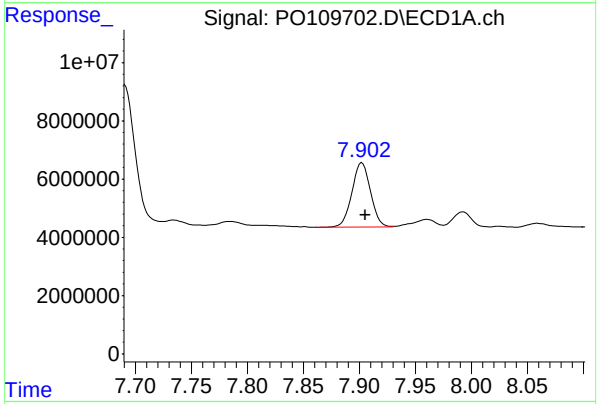
R.T.: 7.690 min
Delta R.T.: -0.006 min
Response: 63544066
Conc: 52.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16CDL



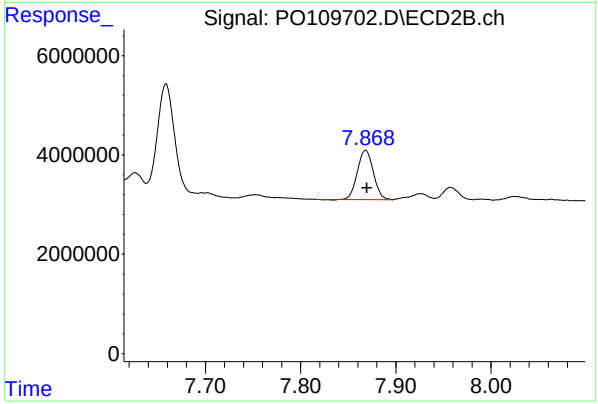
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 29071957
Conc: 55.38 ng/ml



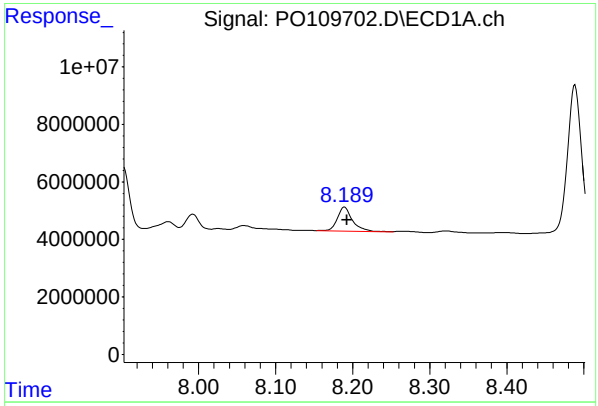
#43 AR-1268-3

R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 25416601
Conc: 24.96 ng/ml



#43 AR-1268-3

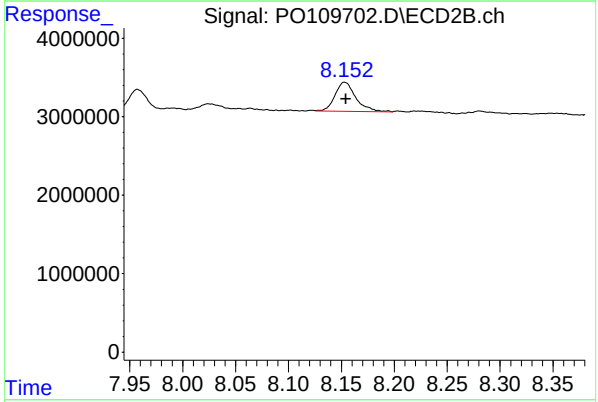
R.T.: 7.868 min
Delta R.T.: -0.001 min
Response: 11571028
Conc: 27.03 ng/ml



#44 AR-1268-4

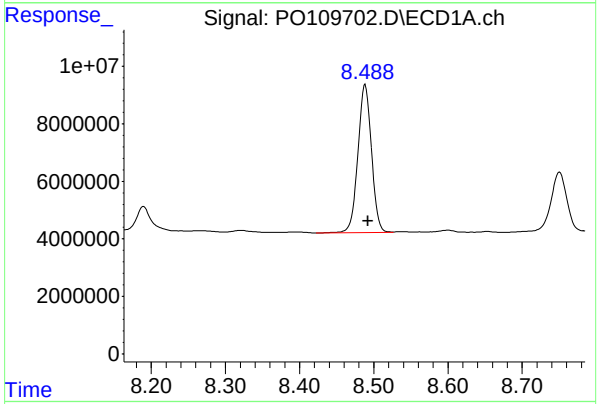
R.T.: 8.189 min
Delta R.T.: -0.003 min
Response: 11570270
Conc: 27.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-16CDL



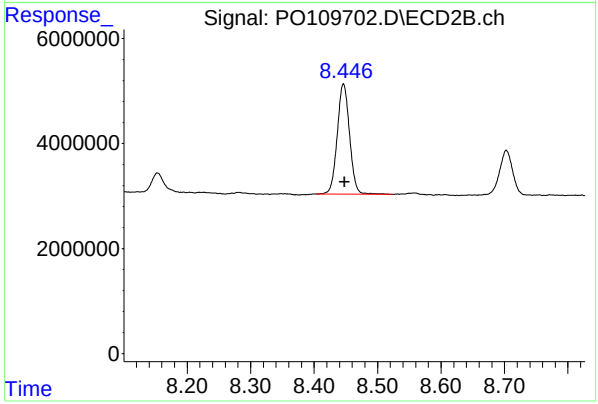
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 5084641
Conc: 31.52 ng/ml



#45 AR-1268-5

R.T.: 8.488 min
Delta R.T.: -0.004 min
Response: 65594077
Conc: 21.72 ng/ml



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 28272312
Conc: 25.86 ng/ml

Raw Data: **PO109528.D**

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

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-DUP1	SDG No.:	Q1438
Lab Sample ID:	Q1438-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.6 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
PO109528.D	1	02/27/25 09:56	02/27/25 14:30	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	20.6	ug/kg
11104-28-2	Aroclor-1221	7.80	U	7.80	20.6	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	20.6	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	20.6	ug/kg
12672-29-6	Aroclor-1248	9.50	U	9.50	20.6	ug/kg
11097-69-1	Aroclor-1254	6500	E	3.30	20.6	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	20.6	ug/kg
11100-14-4	Aroclor-1268	1500	E	4.20	20.6	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	20.6	ug/kg
Total PCBs	Total PCBs	8000	E	7.50	20.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.7		32 - 144	133%	SPK: 20
2051-24-3	Decachlorobiphenyl	138	*	32 - 175	692%	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

Sample Results: **PO109528.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109528.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 14:30
Operator : YP/AJ
Sample : Q1438-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP1

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 27 15:39:46 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	3.693	245.5E6	139.6E6	25.942	26.663
2)	SA Decachlor...	8.756	8.705	1092.6E6	440.8E6	127.023	138.423
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.579	2846.5E6	1646.6E6	5520.710	6295.888
27)	L6 AR-1254-2	5.750	5.726	3803.1E6	2189.3E6	8444.297	9333.430
28)	L6 AR-1254-3	6.156	6.130	8121.5E6	4672.1E6	11343.586	13097.827
29)	L6 AR-1254-4	6.386	6.357	4942.7E6	2725.1E6	11802.393	14110.507
30)	L6 AR-1254-5	6.805	6.775	19977.5E6	11283.7E6	32020.253m	38026.420
41)	L9 AR-1268-1	7.633	7.598	4560.9E6	2053.7E6	3444.203	3594.049
42)	L9 AR-1268-2	7.697	7.662	5627.0E6	2652.5E6	4653.815	5052.993
43)	L9 AR-1268-3	7.906	7.870	3161.4E6	1409.5E6	3104.932	3292.827
44)	L9 AR-1268-4	8.194	8.155	1270.8E6	531.9E6	2991.002	3297.074
45)	L9 AR-1268-5	8.494	8.449	9184.0E6	3612.0E6	3041.415	3304.256

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109528.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 14:30
Operator : YP/AJ
Sample : Q1438-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

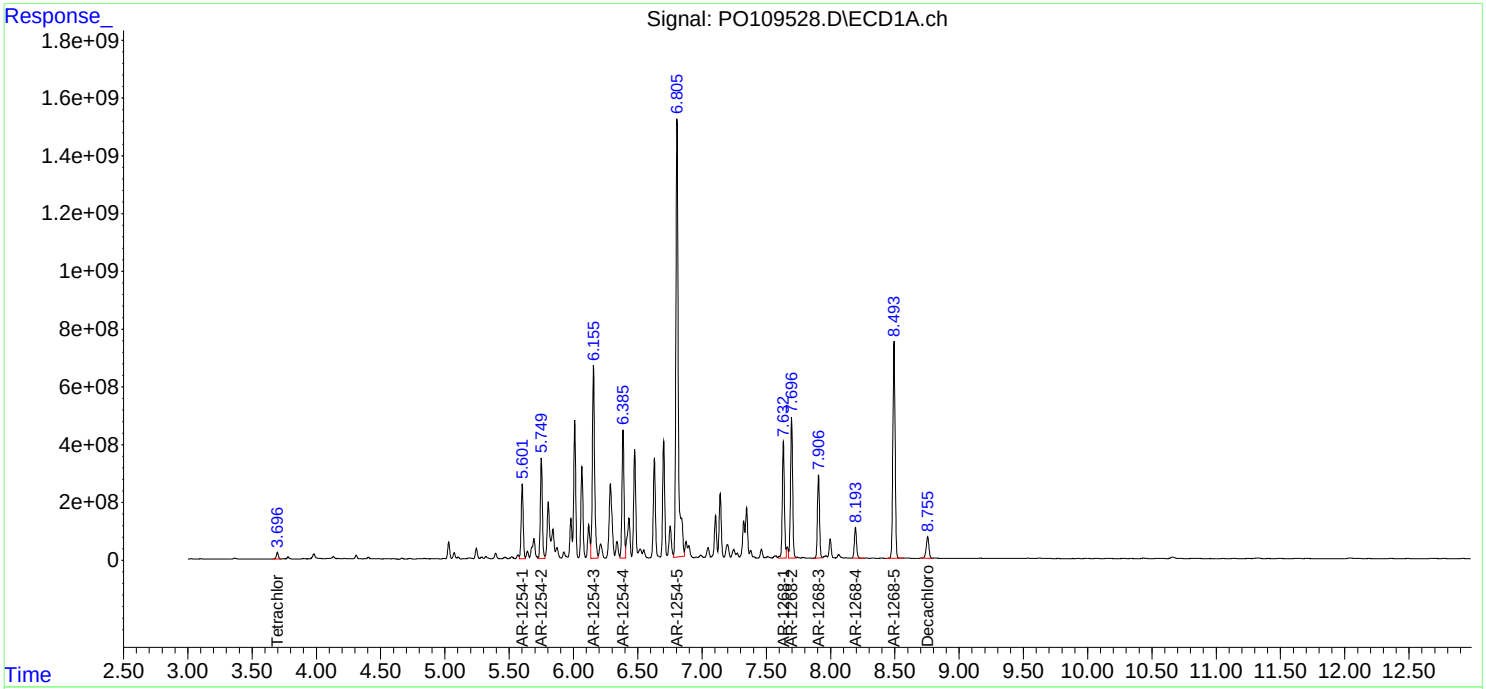
Instrument :
ECD_O
ClientSampleId :
K084-DUP1

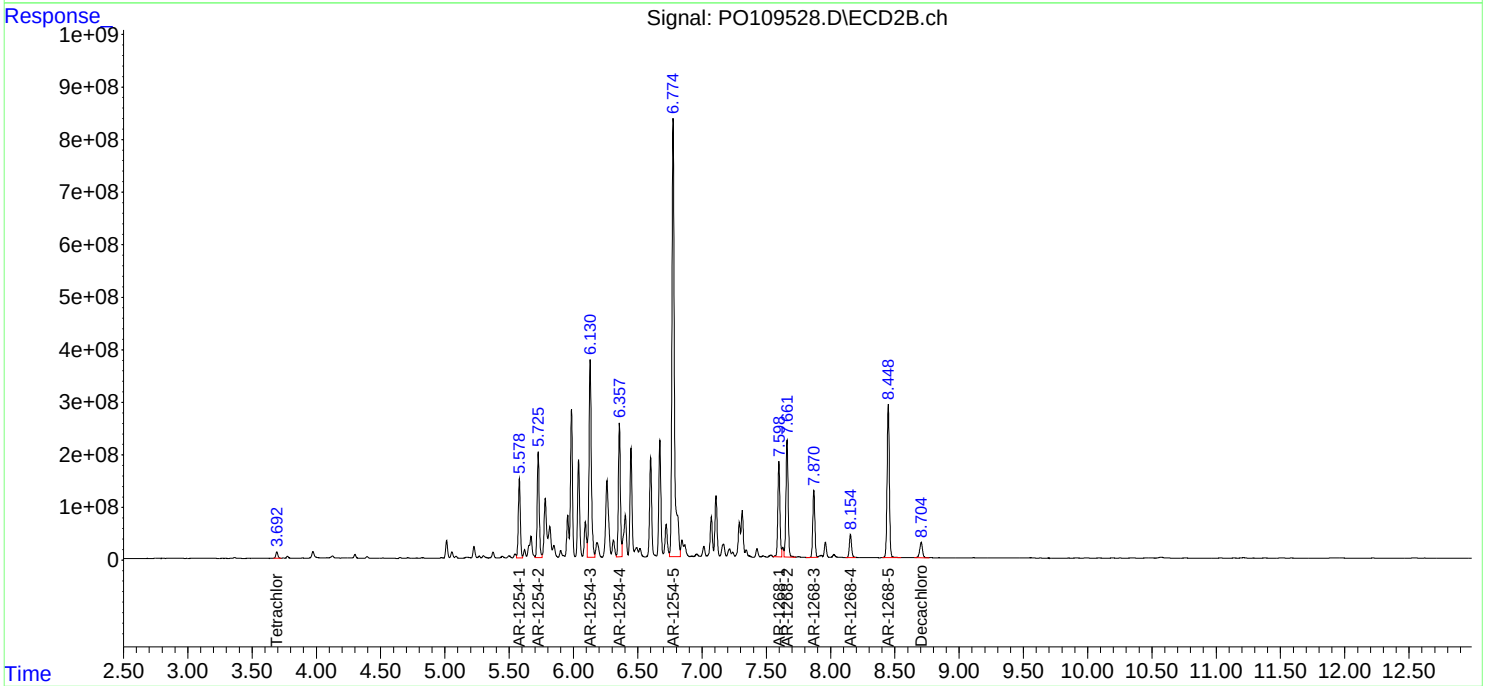
Manual Integrations APPROVED

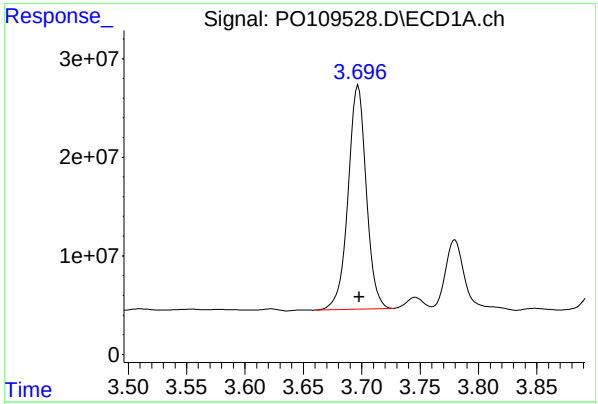
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:39:46 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







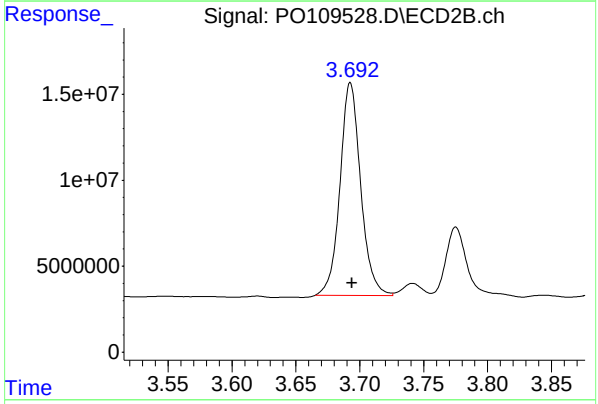
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 245547693
Conc: 25.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP1

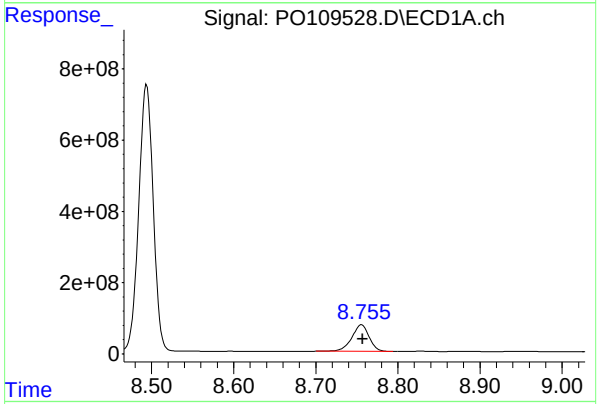
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



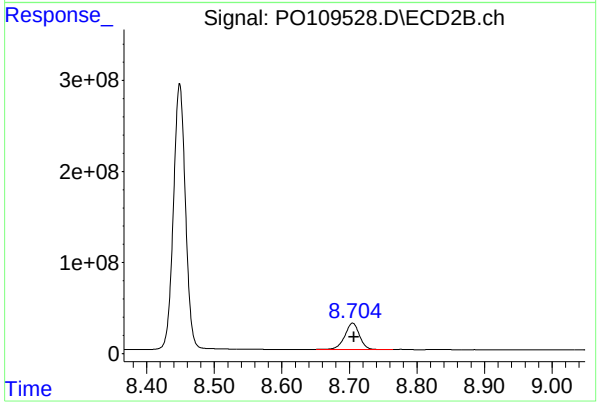
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 139560571
Conc: 26.66 ng/ml



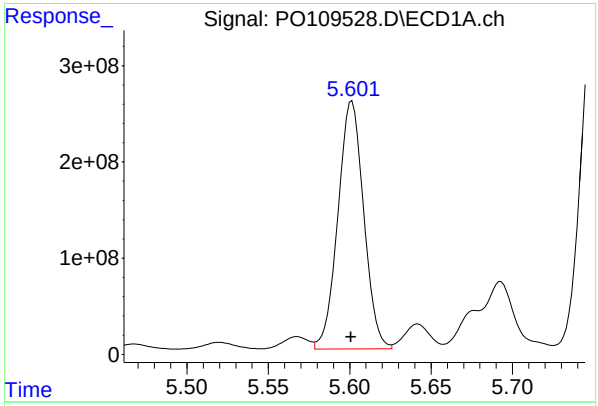
#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 1092635505
Conc: 127.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 440775260
Conc: 138.42 ng/ml



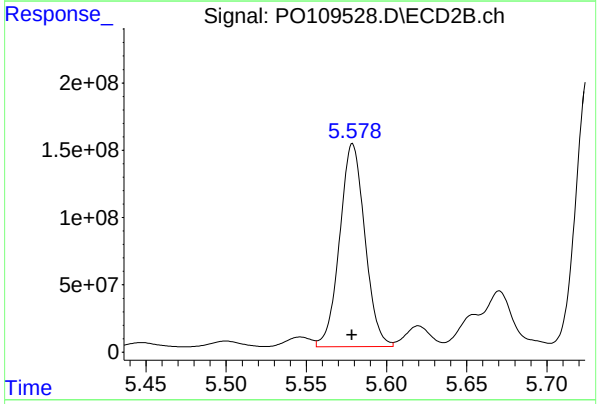
#26 AR-1254-1

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 2846515043
Conc: 5520.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP1

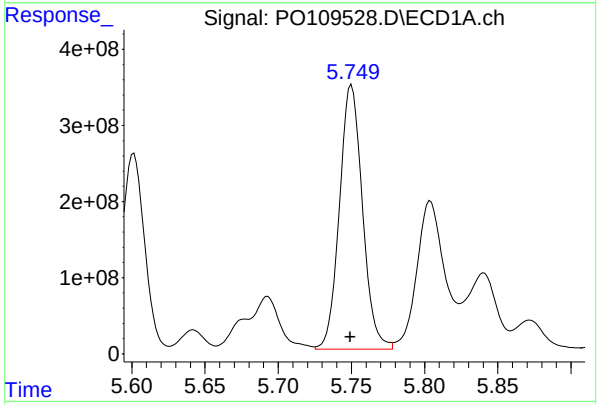
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



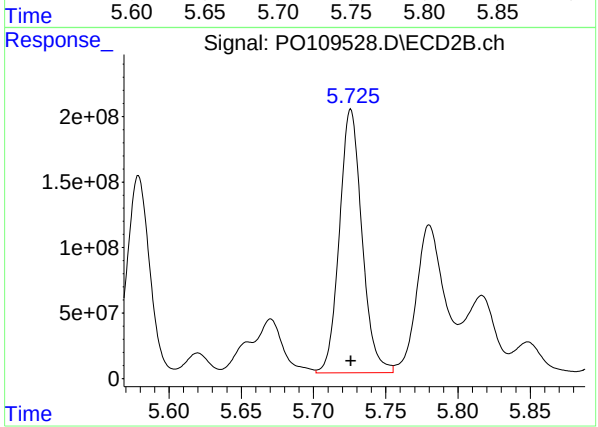
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 1646616109
Conc: 6295.89 ng/ml



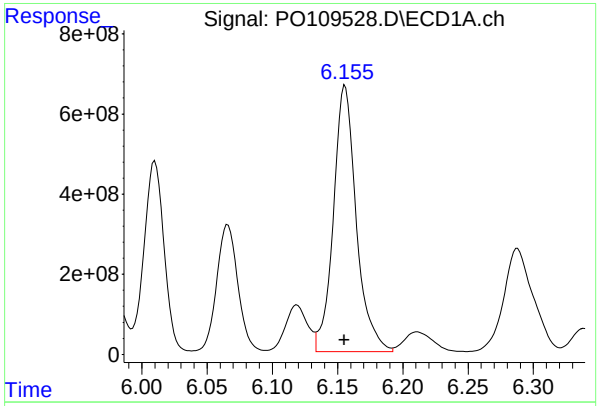
#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 3803096514
Conc: 8444.30 ng/ml



#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 2189262871
Conc: 9333.43 ng/ml



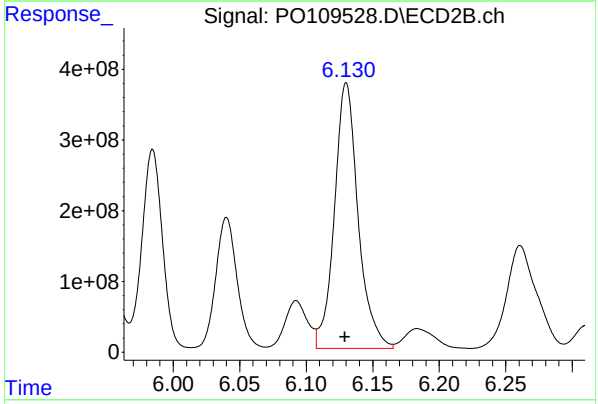
#28 AR-1254-3

R.T.: 6.156 min
Delta R.T.: 0.000 mi
Response: 8121502030
Conc: 11343.59 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP1

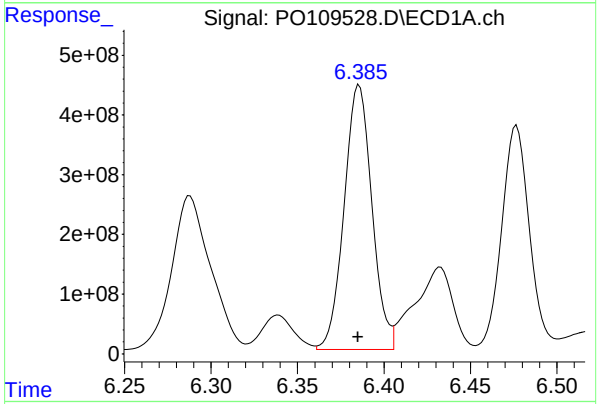
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



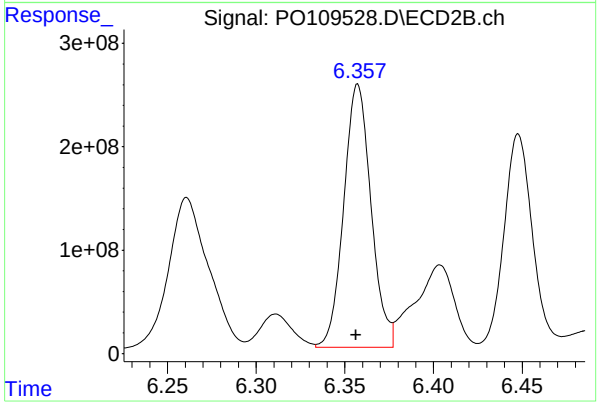
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 4672054626
Conc: 13097.83 ng/ml



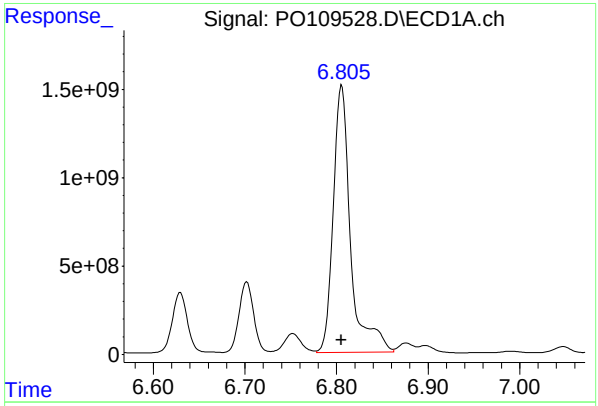
#29 AR-1254-4

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 4942741910
Conc: 11802.39 ng/ml



#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 2725069245
Conc: 14110.51 ng/ml



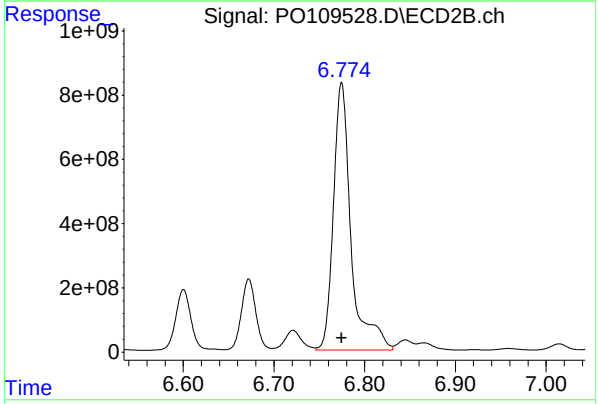
#30 AR-1254-5

R.T.: 6.805 min
Delta R.T.: 0.000 mi
Response: 19977530682
Conc: 32020.25 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP1

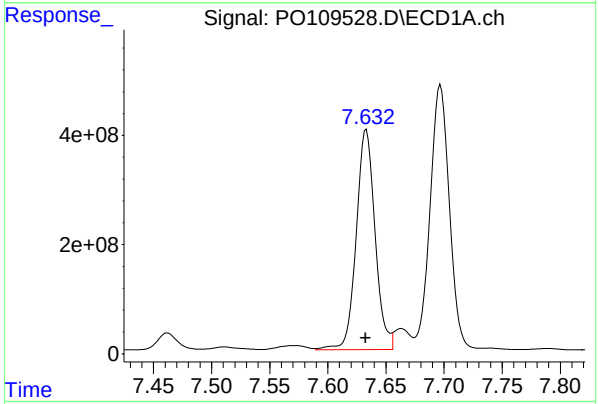
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



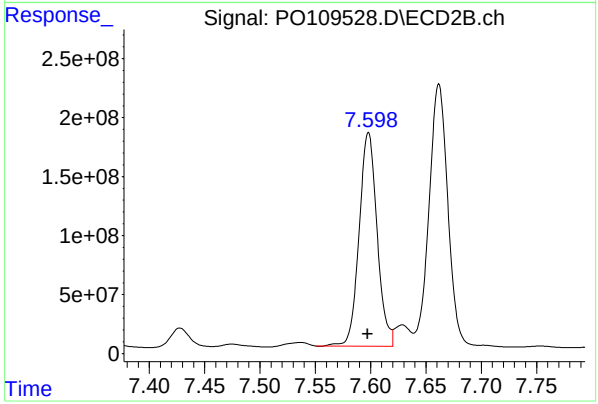
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 11283664760
Conc: 38026.42 ng/ml



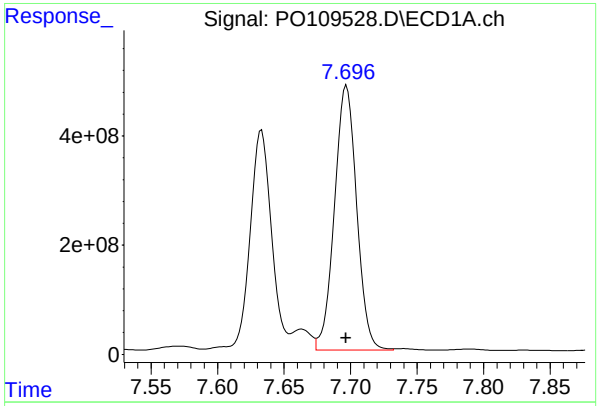
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 4560876491
Conc: 3444.20 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 2053683624
Conc: 3594.05 ng/ml



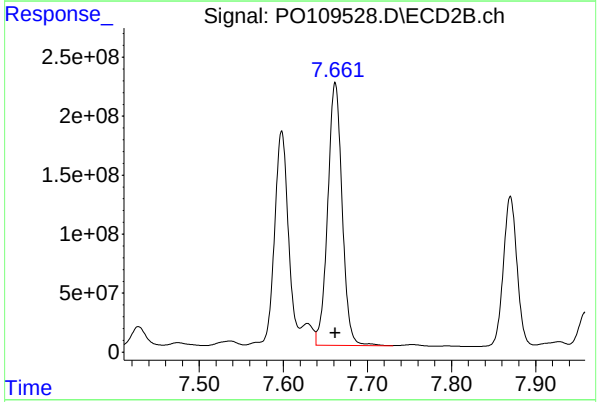
#42 AR-1268-2

R.T.: 7.697 min
Delta R.T.: 0.000 mi
Response: 5626957112
Conc: 4653.81 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP1

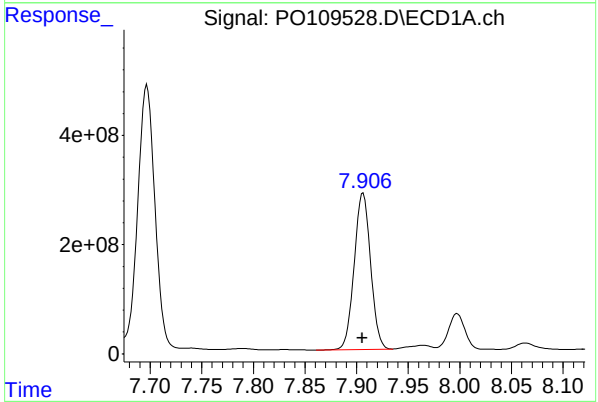
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



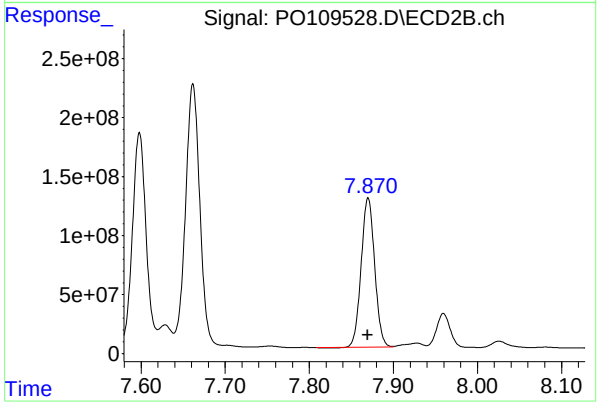
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 2652537466
Conc: 5052.99 ng/ml



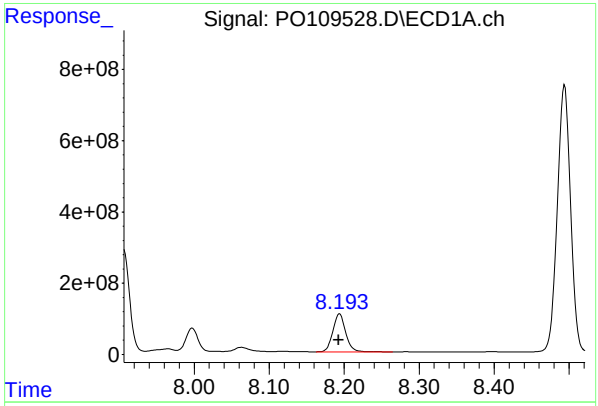
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 3161373630
Conc: 3104.93 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 1409473815
Conc: 3292.83 ng/ml



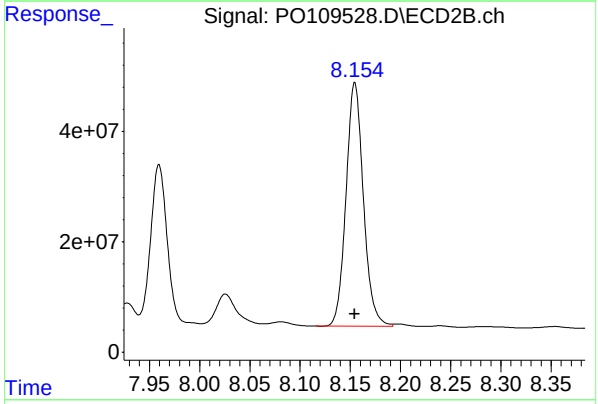
#44 AR-1268-4

R.T.: 8.194 min
Delta R.T.: 0.001 mi
Response: 1270753513
Conc: 2991.00 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP1

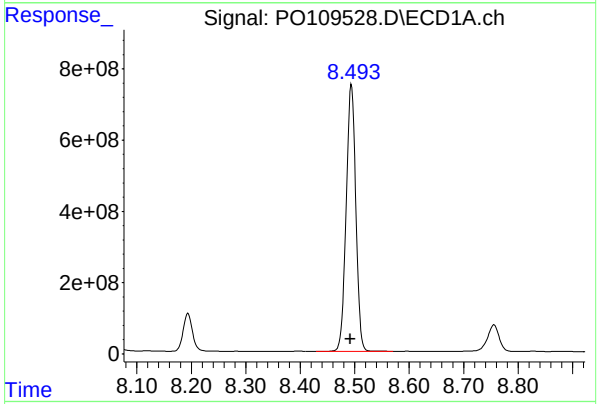
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



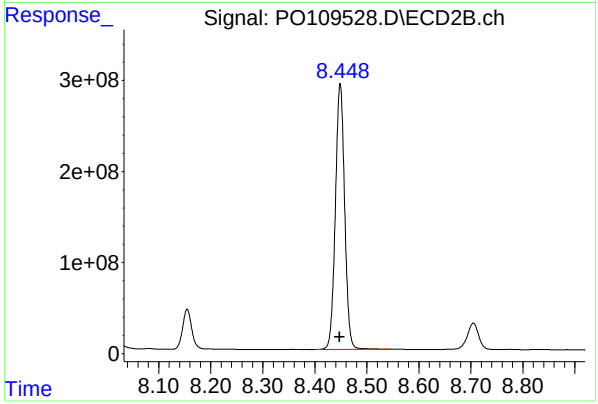
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 531933627
Conc: 3297.07 ng/ml



#45 AR-1268-5

R.T.: 8.494 min
Delta R.T.: 0.002 min
Response: 9184011891
Conc: 3041.41 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 3612028831
Conc: 3304.26 ng/ml

Raw Data: **PO109583.D**

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

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-DUP1DL	SDG No.:	Q1438
Lab Sample ID:	Q1438-06DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.6 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
PO109583.D	5	02/27/25 09:56	02/28/25 12:10	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	20.5	UD	20.5	103	ug/kg
11104-28-2	Aroclor-1221	38.8	UD	38.8	103	ug/kg
11141-16-5	Aroclor-1232	20.6	UD	20.6	103	ug/kg
53469-21-9	Aroclor-1242	20.5	UD	20.5	103	ug/kg
12672-29-6	Aroclor-1248	47.7	UD	47.7	103	ug/kg
11097-69-1	Aroclor-1254	7500	ED	16.5	103	ug/kg
37324-23-5	Aroclor-1262	27.7	UD	27.7	103	ug/kg
11100-14-4	Aroclor-1268	1700	D	20.8	103	ug/kg
11096-82-5	Aroclor-1260	17.6	UD	17.6	103	ug/kg
Total PCBs	Total PCBs	9200	D	37.3	103	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	30.8	*	32 - 144	154%	SPK: 20
2051-24-3	Decachlorobiphenyl	158	*	32 - 175	792%	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 : PO109583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 12:10
Operator : YP/AJ
Sample : Q1438-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:13:13 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 0.50µ Signal #2 Info : 30M x 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	57378187	32248849	6.062	6.161
2)	SA Decachlor...	8.752	8.704	249.4E6	100.9E6	28.989	31.676
	Target Compounds						
26)	L6 AR-1254-1	5.598	5.579	731.8E6	405.0E6	1419.385	1548.376
27)	L6 AR-1254-2	5.747	5.726	966.4E6	530.7E6	2145.733	2262.519
28)	L6 AR-1254-3	6.153	6.129	1991.8E6	1094.1E6	2782.013	3067.194
29)	L6 AR-1254-4	6.382	6.357	1206.2E6	635.6E6	2880.195	3290.997
30)	L6 AR-1254-5	6.802	6.774	4751.6E6	2531.2E6	7615.932	8530.181
41)	L9 AR-1268-1	7.630	7.598	1009.2E6	466.4E6	762.135	816.271
42)	L9 AR-1268-2	7.694	7.660	1259.3E6	595.2E6	1041.491	1133.900
43)	L9 AR-1268-3	7.903	7.869	698.4E6	315.3E6	685.969	736.715
44)	L9 AR-1268-4	8.191	8.153	283.9E6	121.9E6	668.256	755.504
45)	L9 AR-1268-5	8.490	8.448	1939.4E6	765.0E6	642.245	699.787

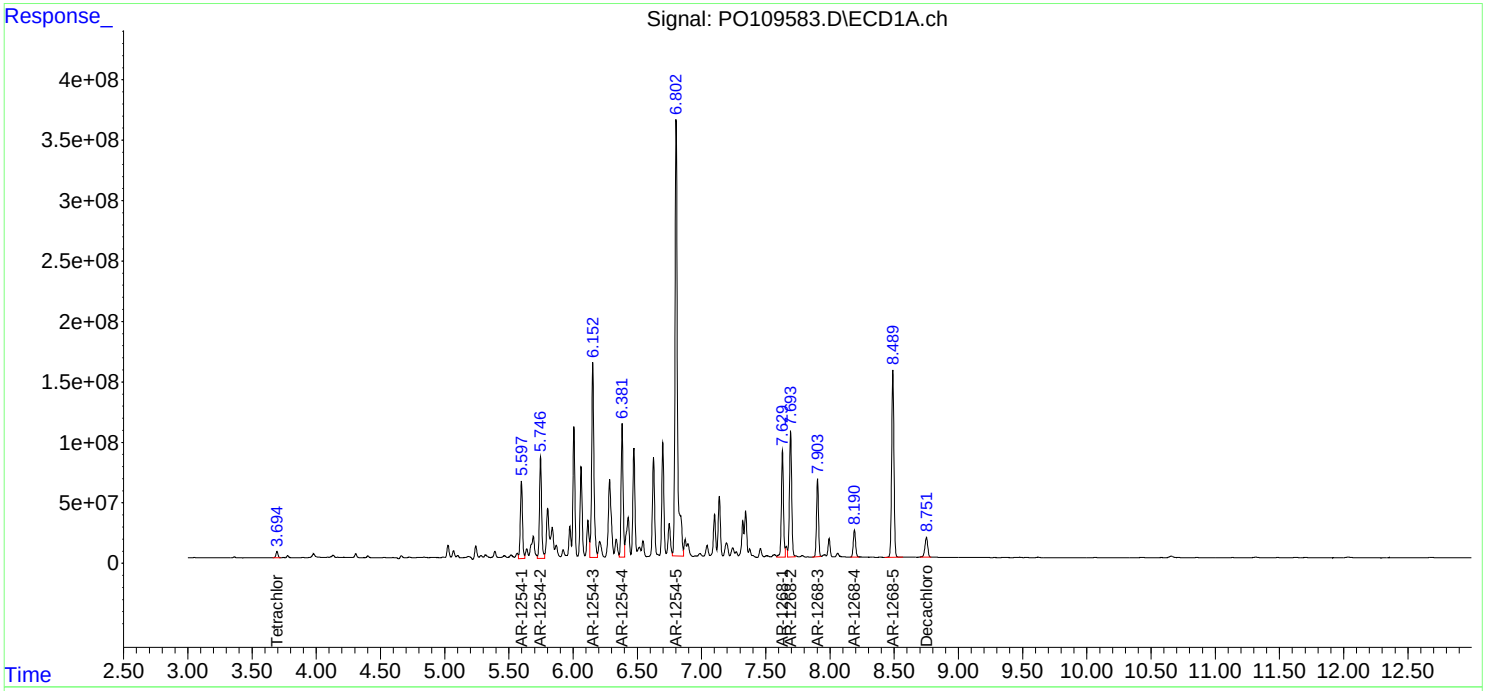
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

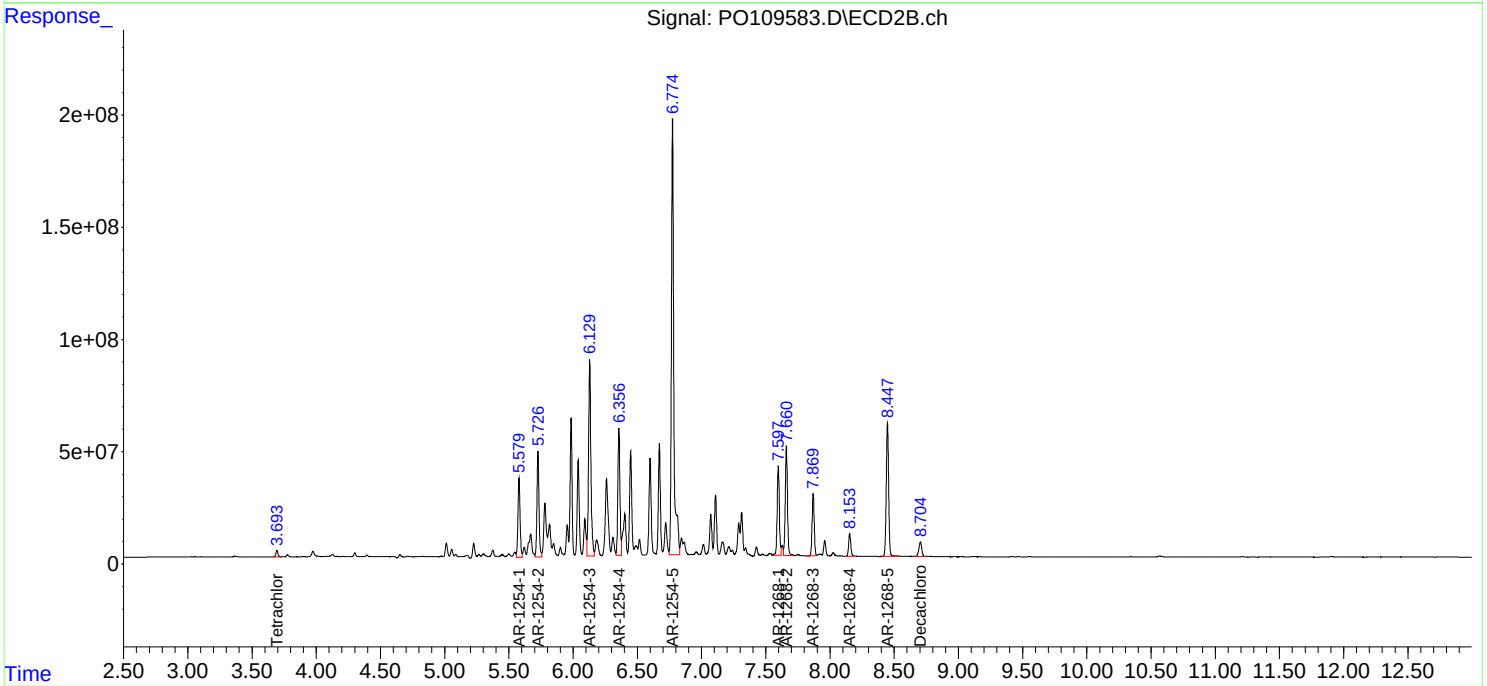
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 12:10
Operator : YP/AJ
Sample : Q1438-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

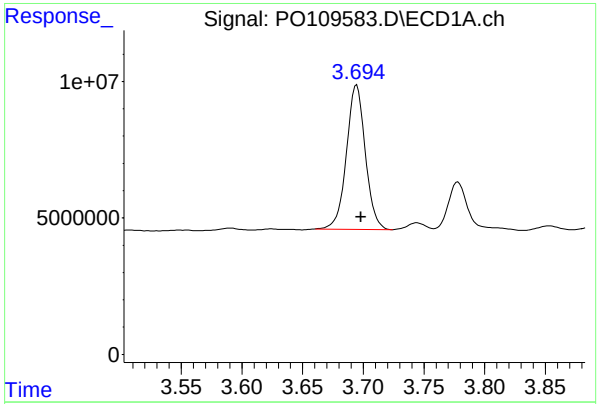
Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:13:13 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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



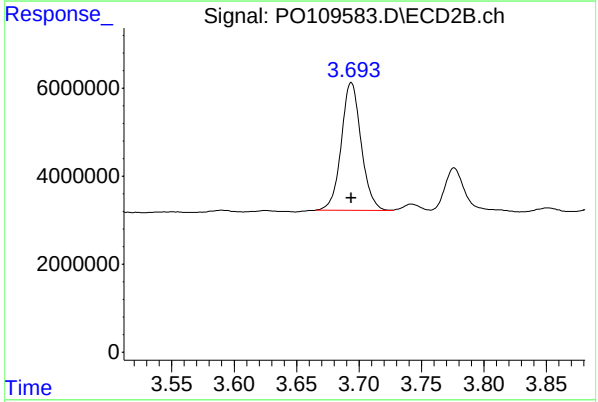




#1 Tetrachloro-m-xylene

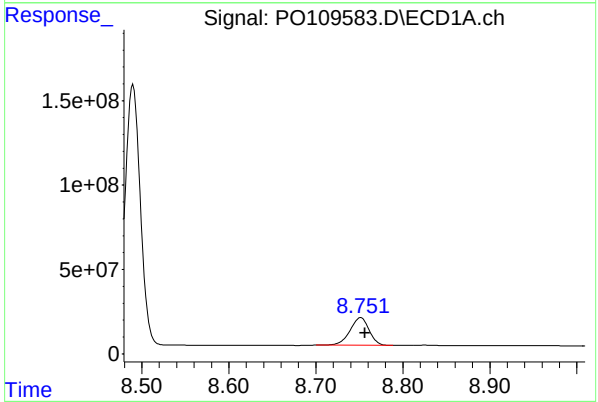
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 57378187
Conc: 6.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL



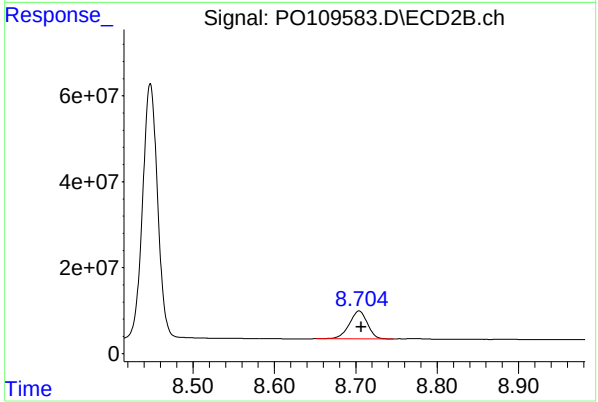
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 32248849
Conc: 6.16 ng/ml



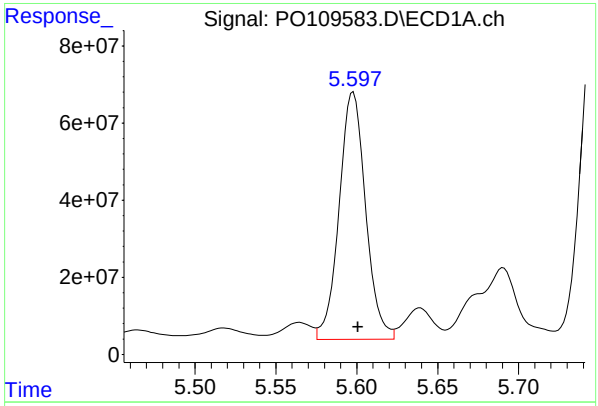
#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 249357878
Conc: 28.99 ng/ml



#2 Decachlorobiphenyl

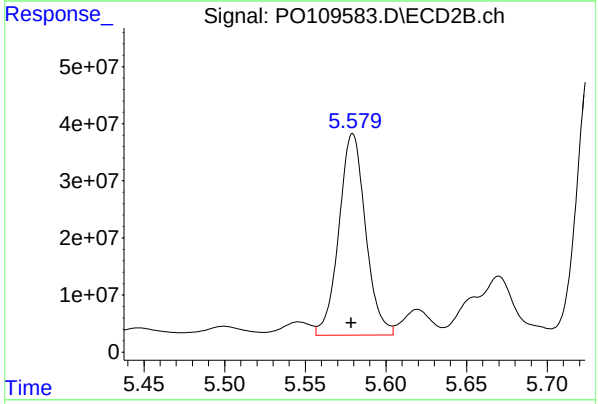
R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 100865092
Conc: 31.68 ng/ml



#26 AR-1254-1

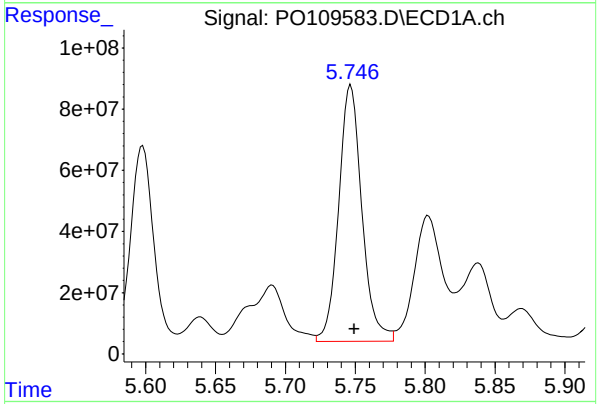
R.T.: 5.598 min
Delta R.T.: -0.003 mi
Response: 731844112
Conc: 1419.38 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL



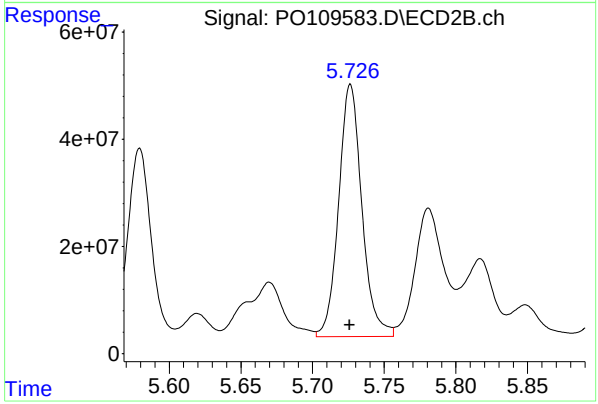
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 404959538
Conc: 1548.38 ng/ml



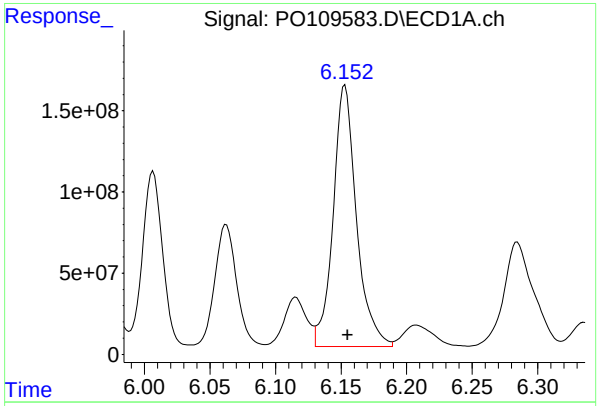
#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: -0.002 min
Response: 966383719
Conc: 2145.73 ng/ml



#27 AR-1254-2

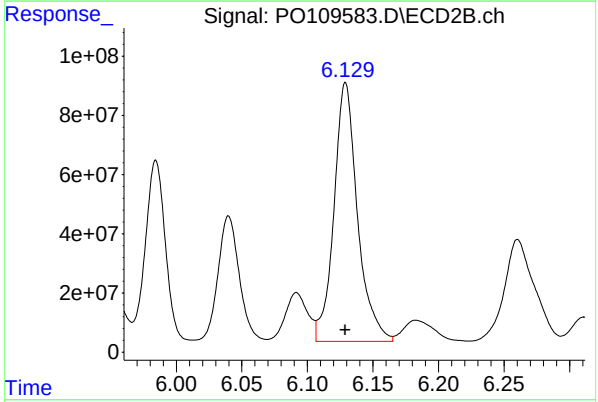
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 530699715
Conc: 2262.52 ng/ml



#28 AR-1254-3

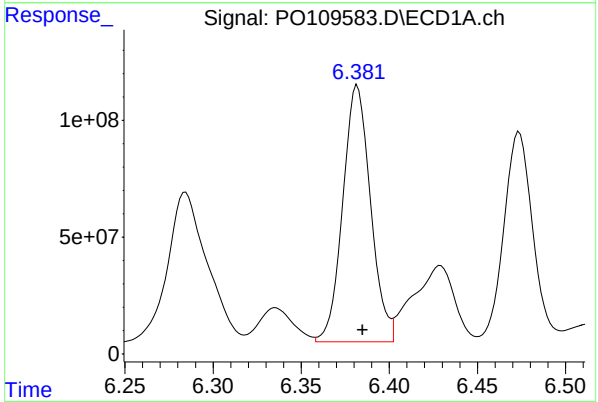
R.T.: 6.153 min
Delta R.T.: -0.002 mi
Response: 1991797020
Conc: 2782.01 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL



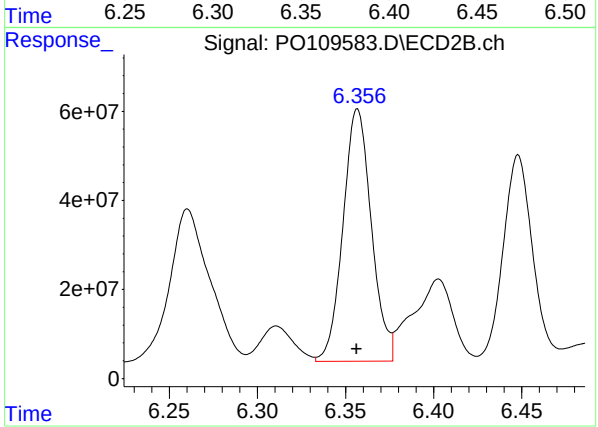
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 1094081996
Conc: 3067.19 ng/ml



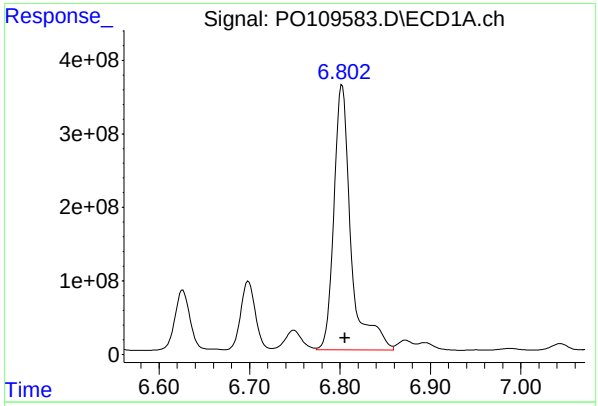
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 1206201188
Conc: 2880.20 ng/ml



#29 AR-1254-4

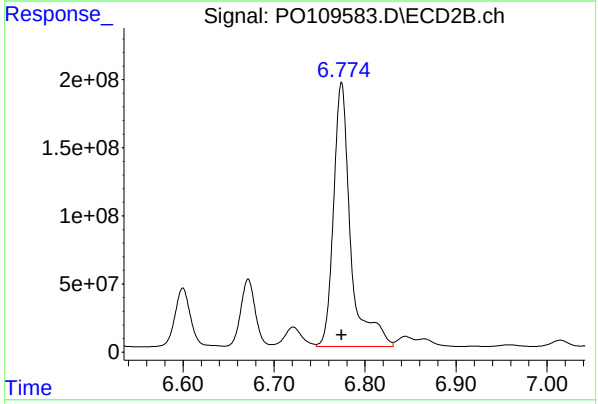
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 635568461
Conc: 3291.00 ng/ml



#30 AR-1254-5

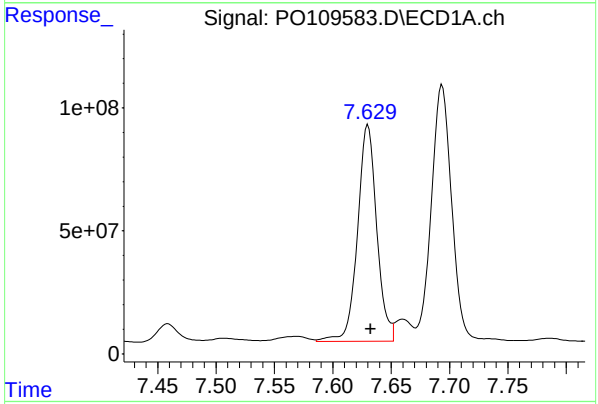
R.T.: 6.802 min
Delta R.T.: -0.003 mi
Response: 4751602180
Conc: 7615.93 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL



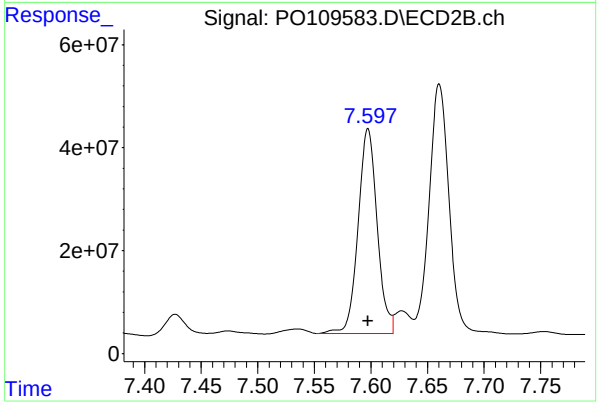
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 2531179639
Conc: 8530.18 ng/ml



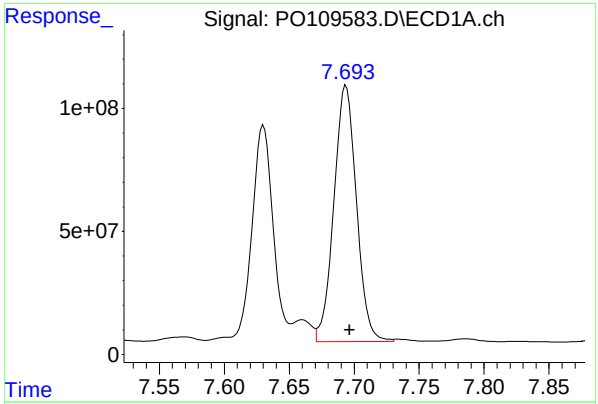
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 1009232675
Conc: 762.13 ng/ml



#41 AR-1268-1

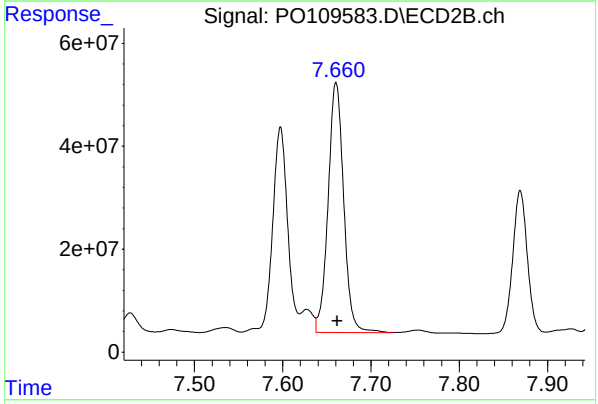
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 466427273
Conc: 816.27 ng/ml



#42 AR-1268-2

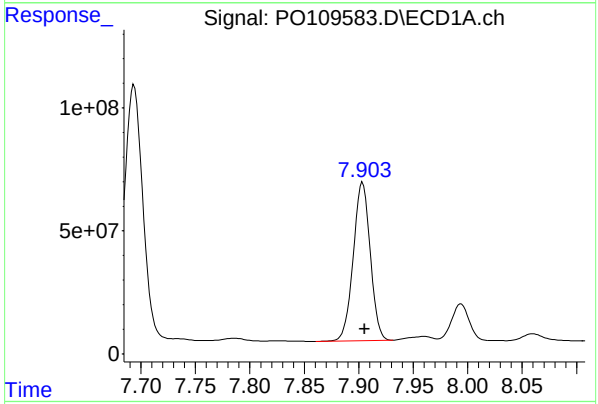
R.T.: 7.694 min
Delta R.T.: -0.003 mi
Response: 1259274003
Conc: 1041.49 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL



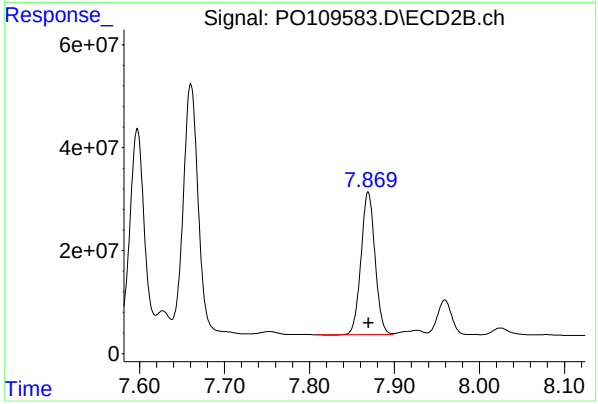
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 595233894
Conc: 1133.90 ng/ml



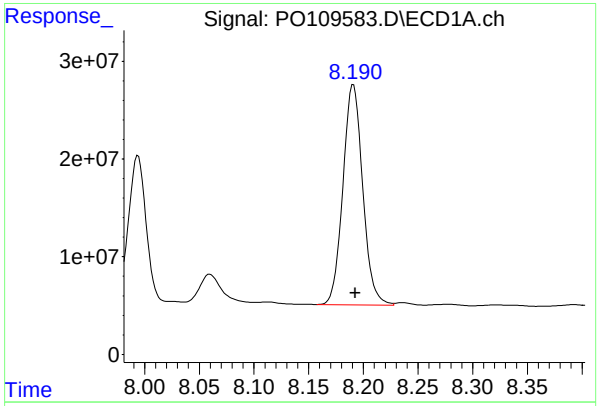
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: -0.002 min
Response: 698438039
Conc: 685.97 ng/ml



#43 AR-1268-3

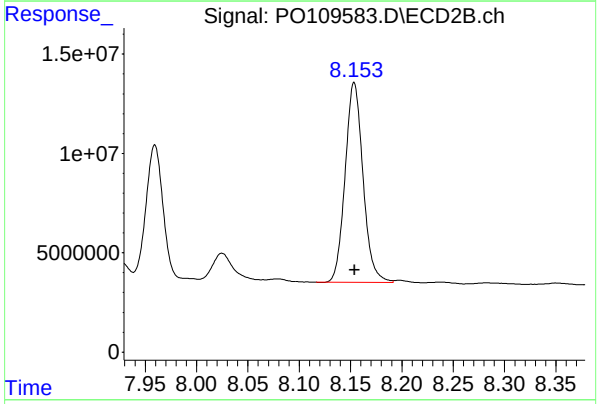
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 315346104
Conc: 736.71 ng/ml



#44 AR-1268-4

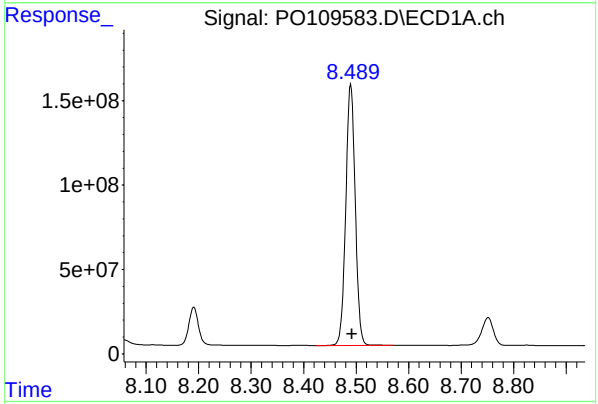
R.T.: 8.191 min
Delta R.T.: -0.002 min
Response: 283914368
Conc: 668.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL



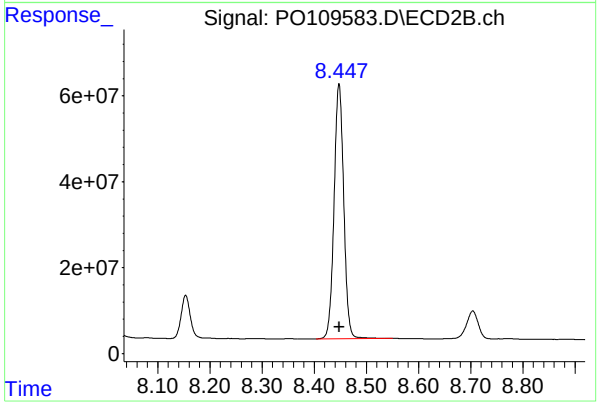
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 121889333
Conc: 755.50 ng/ml



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 1939356295
Conc: 642.25 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 764967954
Conc: 699.79 ng/ml

Raw Data: **PO109584.D**

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

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-DUP1DL2	SDG No.:	Q1438
Lab Sample ID:	Q1438-06DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.6 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
PO109584.D	25	02/27/25 09:56	02/28/25 12:28	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	103	UD	103	514	ug/kg
11104-28-2	Aroclor-1221	194	UD	194	514	ug/kg
11141-16-5	Aroclor-1232	103	UD	103	514	ug/kg
53469-21-9	Aroclor-1242	103	UD	103	514	ug/kg
12672-29-6	Aroclor-1248	239	UD	239	514	ug/kg
11097-69-1	Aroclor-1254	7800	D	82.6	514	ug/kg
37324-23-5	Aroclor-1262	138	UD	138	514	ug/kg
11100-14-4	Aroclor-1268	1800	D	104	514	ug/kg
11096-82-5	Aroclor-1260	88.0	UD	88.0	514	ug/kg
Total PCBs	Total PCBs	9600	D	187	514	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	33.0	*	32 - 144	165%	SPK: 20
2051-24-3	Decachlorobiphenyl	179	*	32 - 175	895%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO109584.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 12:28
Operator : YP/AJ
Sample : Q1438-06DL2 25X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL2

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: Feb 28 14:13:54 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...	3.696	3.693	12513235	6921440	1.322	1.322
2)	SA Decachlor...	8.754	8.705	55524282	22797709	6.455	7.160
	Target Compounds						
26)	L6 AR-1254-1	5.599	5.579	170.3E6	93613383	330.329	357.934
27)	L6 AR-1254-2	5.748	5.727	220.2E6	121.3E6	488.951	517.196
28)	L6 AR-1254-3	6.155	6.130	432.0E6	231.1E6	603.351	647.996
29)	L6 AR-1254-4	6.383	6.357	252.0E6	130.8E6	601.662	677.269
30)	L6 AR-1254-5	6.803	6.775	933.5E6	494.8E6	1496.146m	1667.550
41)	L9 AR-1268-1	7.632	7.598	222.6E6	100.7E6	168.065	176.229
42)	L9 AR-1268-2	7.695	7.661	280.3E6	124.2E6	231.804	236.670
43)	L9 AR-1268-3	7.905	7.870	145.8E6	68760289	143.194	160.638
44)	L9 AR-1268-4	8.193	8.154	61378594	27581410	144.468	170.957
45)	L9 AR-1268-5	8.491	8.448	383.9E6	162.5E6	127.137	148.663

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 12:28
Operator : YP/AJ
Sample : Q1438-06DL2 25X
Misc :
ALS Vial : 10 Sample Multiplier: 1

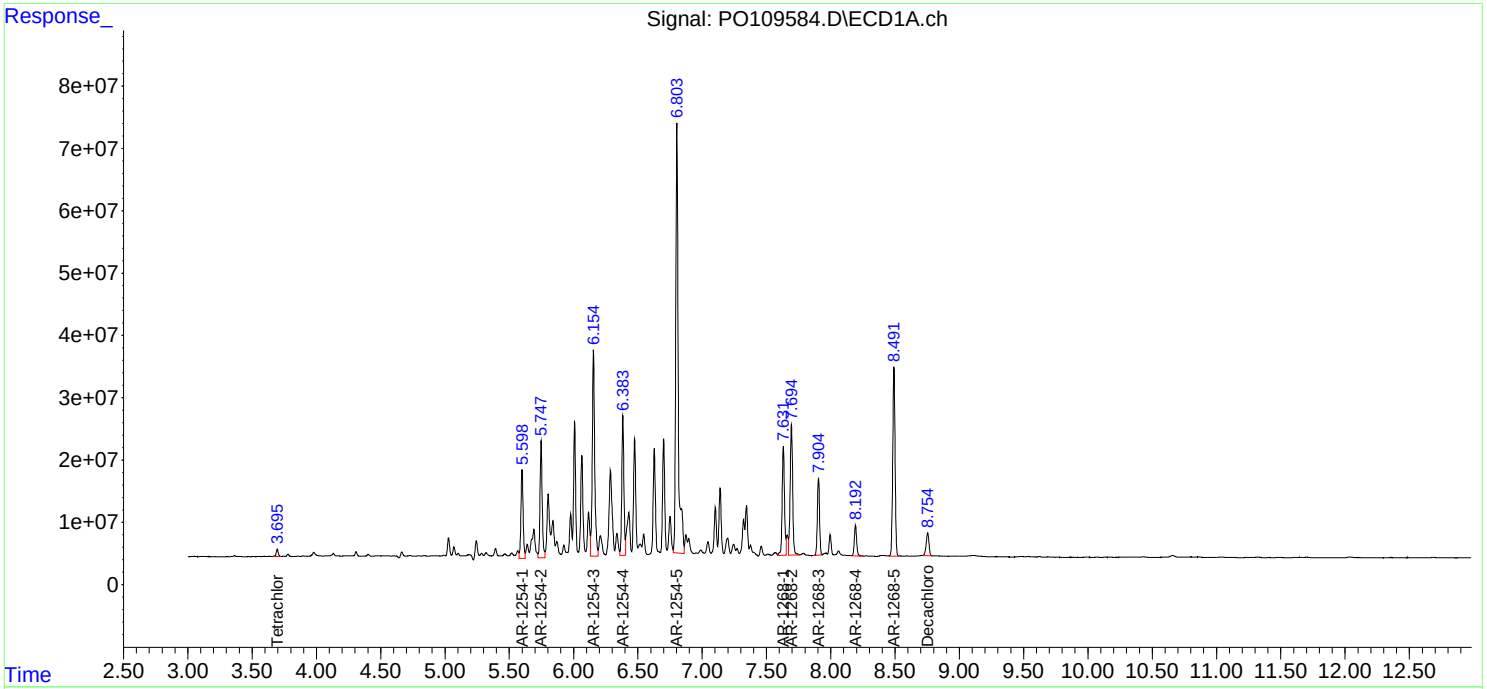
Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL2

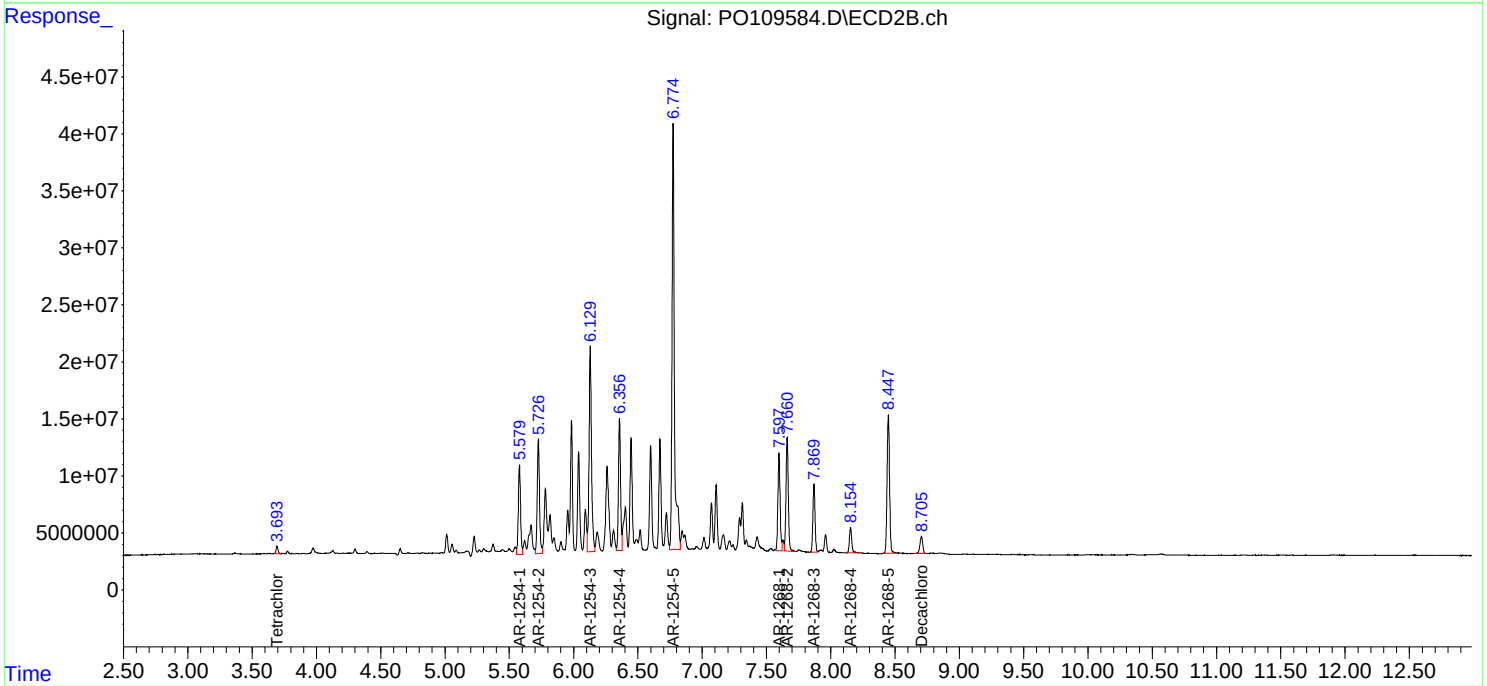
Manual Integrations APPROVED

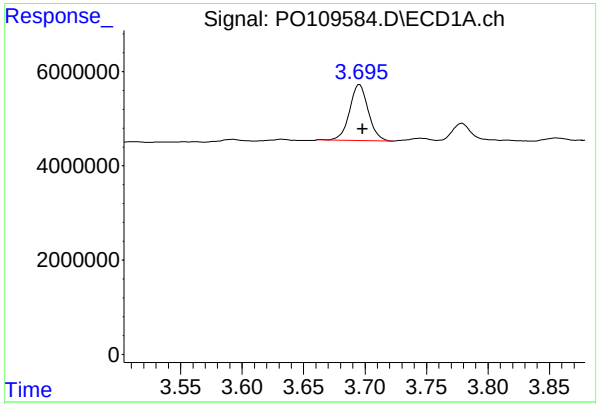
Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:13:54 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







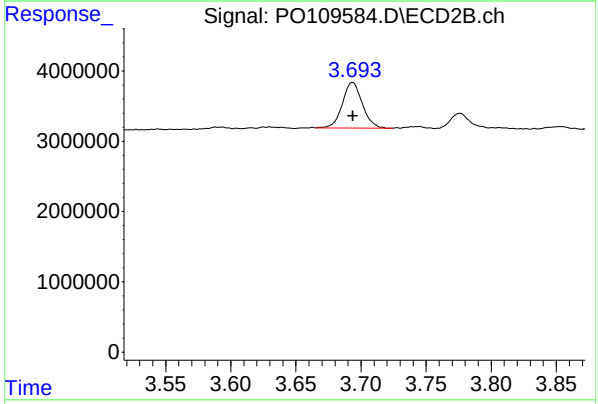
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 12513235
Conc: 1.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL2

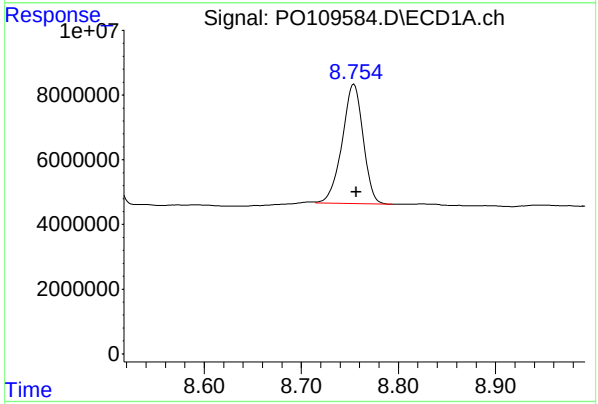
Manual Integrations
APPROVED

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



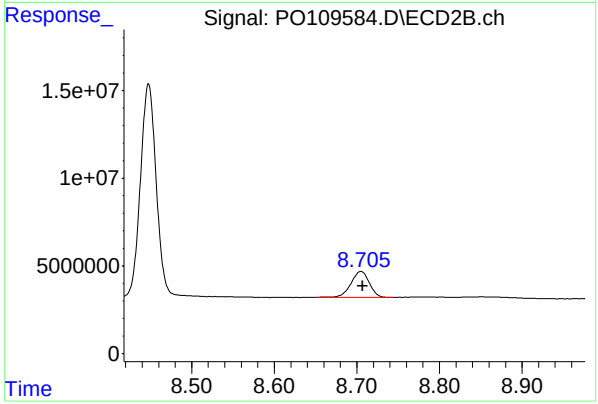
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 6921440
Conc: 1.32 ng/ml



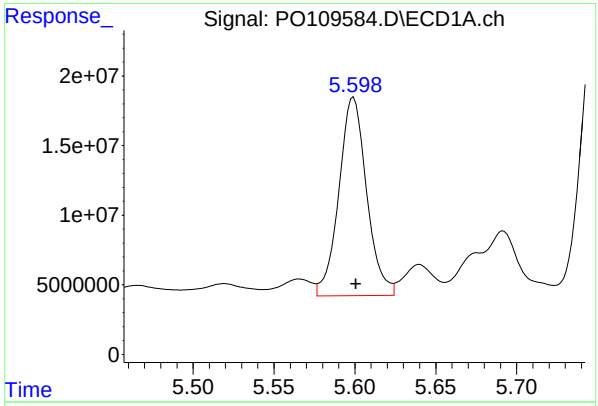
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 55524282
Conc: 6.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 22797709
Conc: 7.16 ng/ml



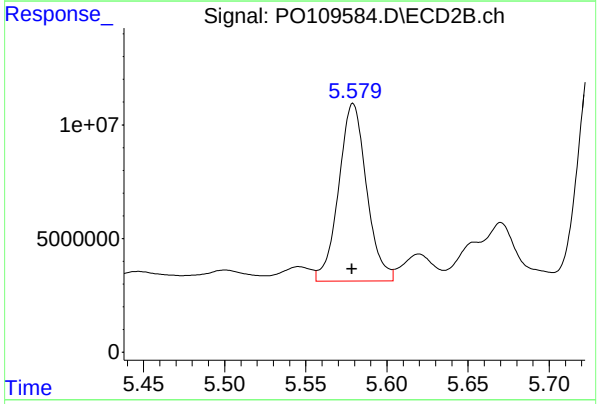
#26 AR-1254-1

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 170319639
Conc: 330.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL2

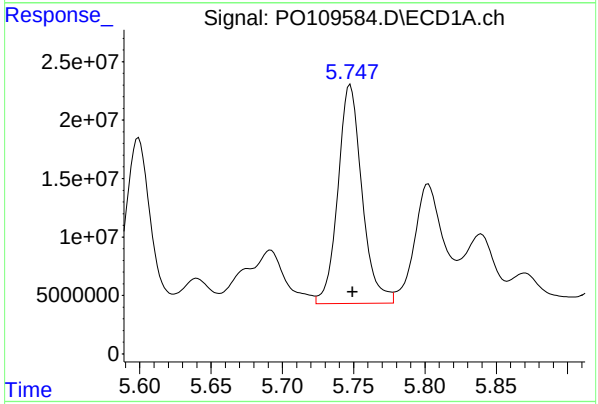
Manual Integrations
APPROVED

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



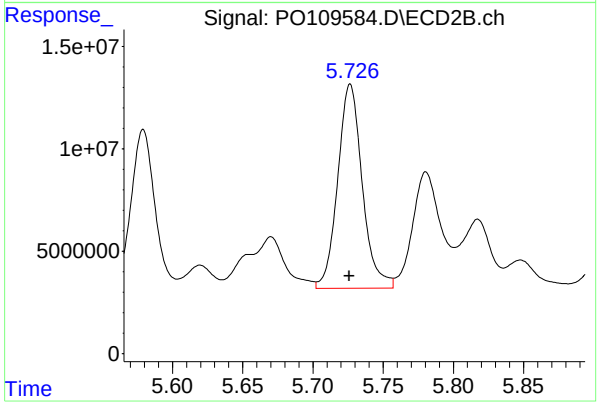
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 93613383
Conc: 357.93 ng/ml



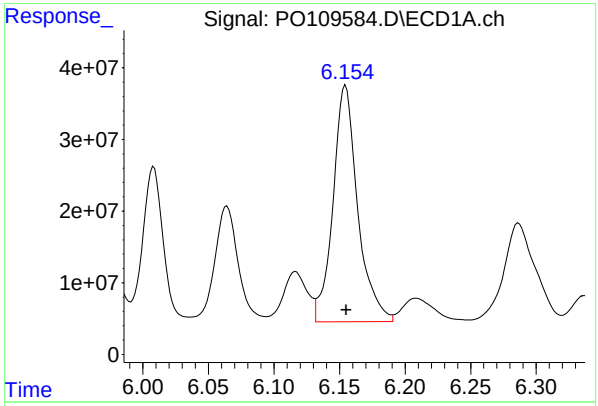
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 220211037
Conc: 488.95 ng/ml



#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 121314341
Conc: 517.20 ng/ml



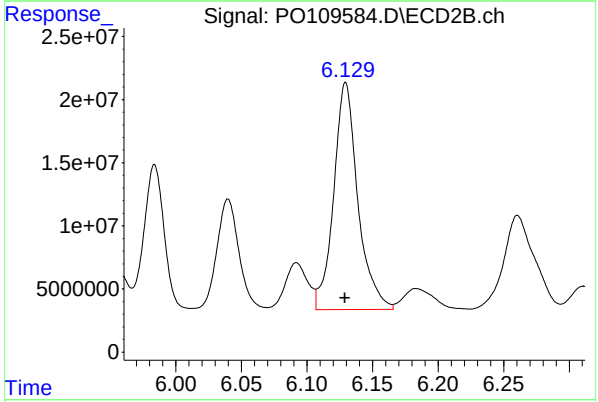
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 431972279
Conc: 603.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL2

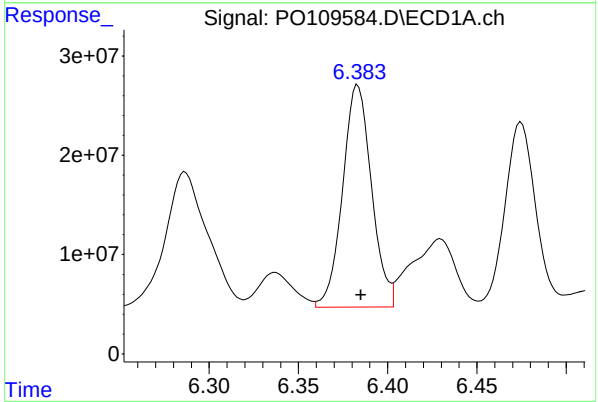
Manual Integrations APPROVED

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



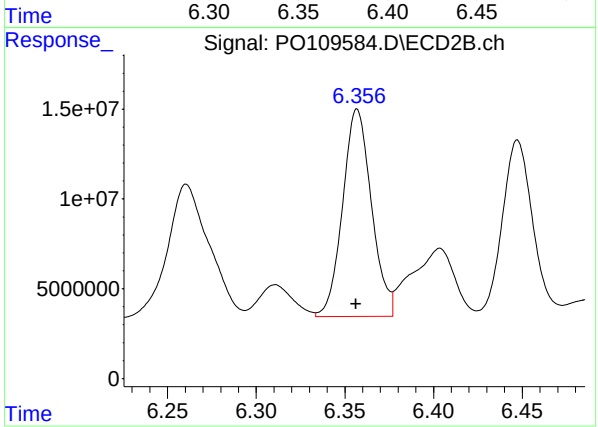
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 231143046
Conc: 648.00 ng/ml



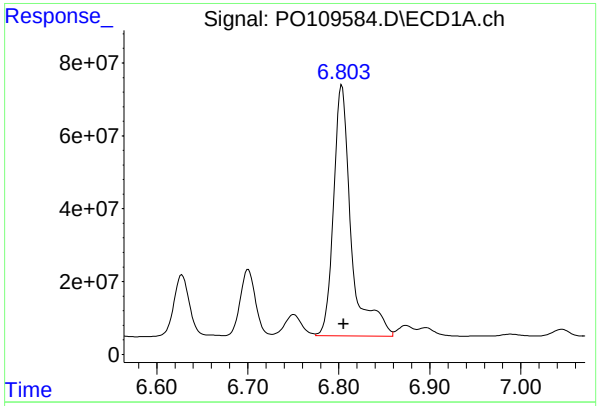
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 251970990
Conc: 601.66 ng/ml



#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 130796416
Conc: 677.27 ng/ml



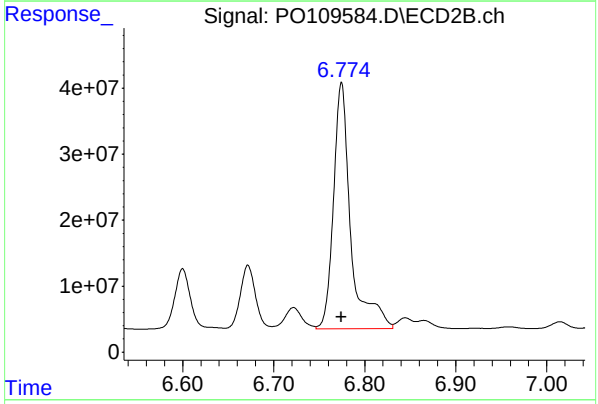
#30 AR-1254-5

R.T.: 6.803 min
Delta R.T.: -0.003 mi
Response: 933450215
Conc: 1496.15 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL2

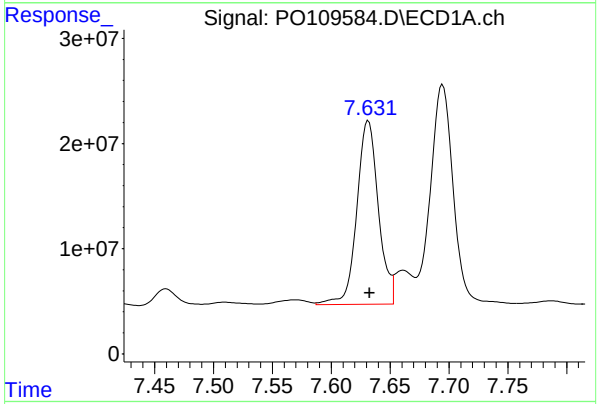
Manual Integrations
APPROVED

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



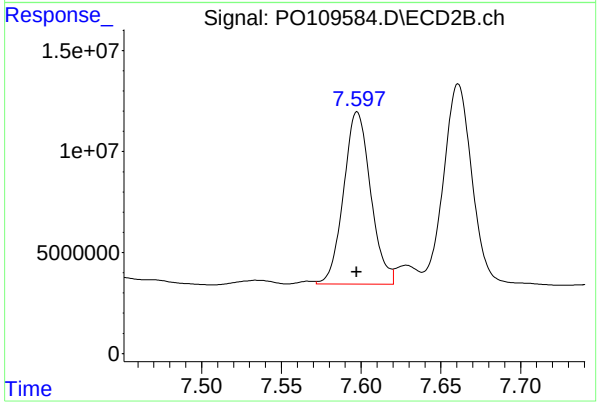
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 494815923
Conc: 1667.55 ng/ml



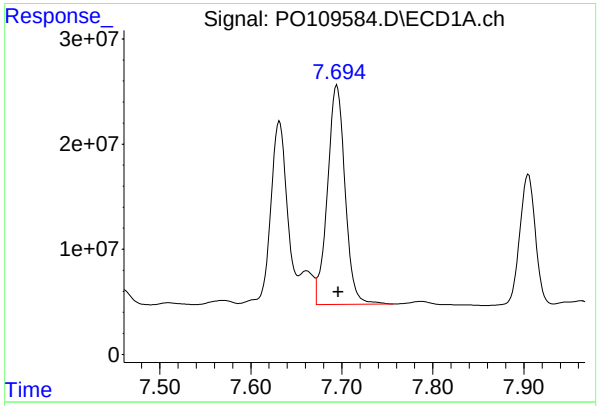
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 222554878
Conc: 168.07 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 100699472
Conc: 176.23 ng/ml



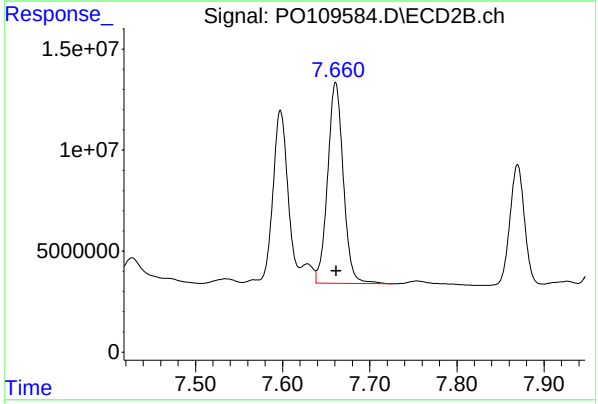
#42 AR-1268-2

R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 280276017
Conc: 231.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL2

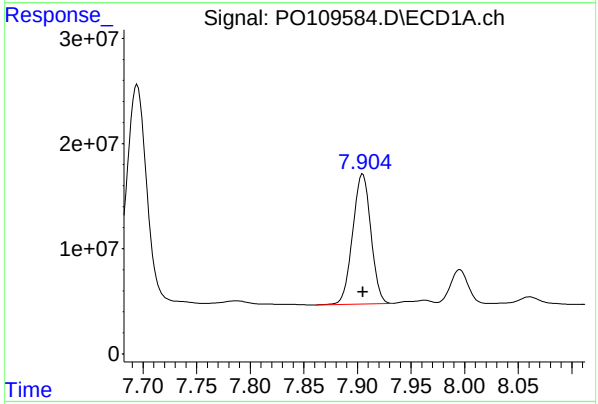
Manual Integrations
APPROVED

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



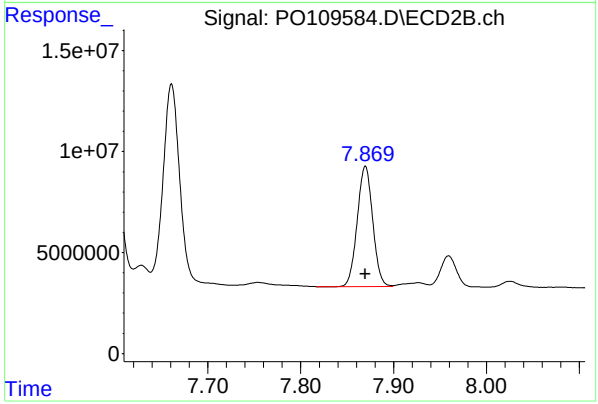
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 124238706
Conc: 236.67 ng/ml



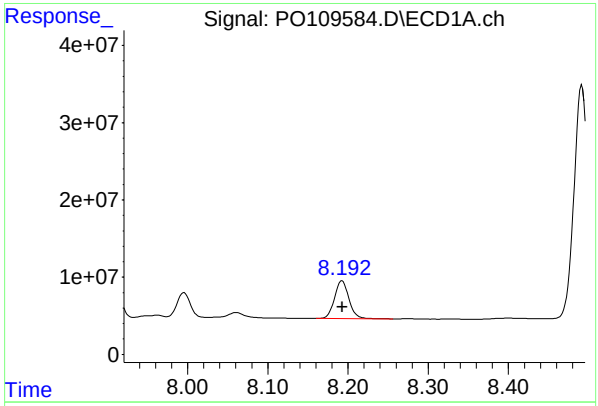
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 145796715
Conc: 143.19 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 68760289
Conc: 160.64 ng/ml



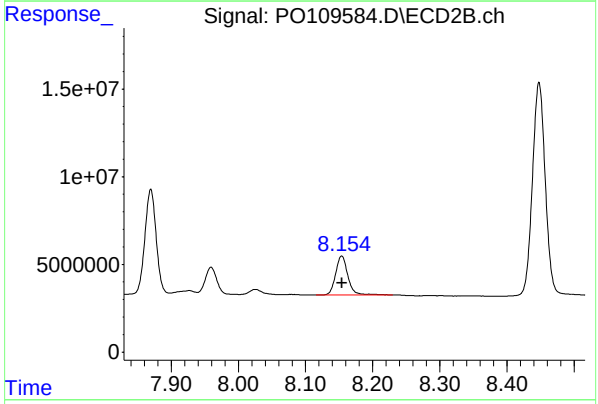
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 61378594
Conc: 144.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP1DL2

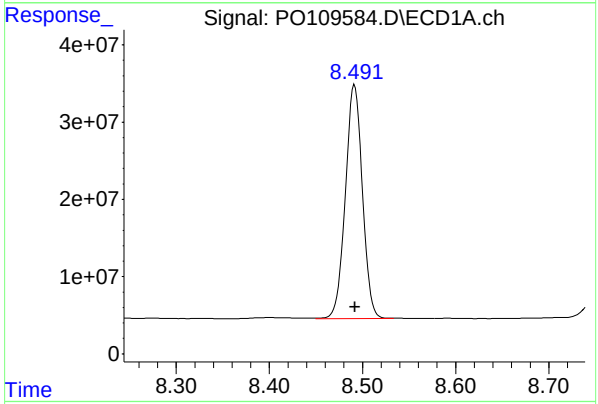
Manual Integrations
APPROVED

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



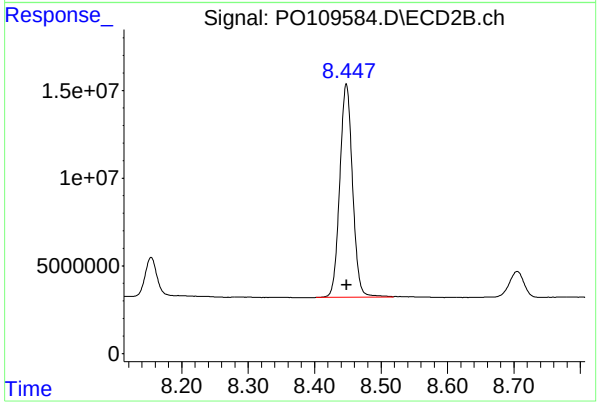
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 27581410
Conc: 170.96 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 383908544
Conc: 127.14 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 162510246
Conc: 148.66 ng/ml

Raw Data: **PO109529.D**

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

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-DUP2	SDG No.:	Q1438
Lab Sample ID:	Q1438-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	67.5 Decanted:
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
PO109529.D	1	02/27/25 09:56	02/27/25 14:48	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.00	U	5.00	25.1	ug/kg
11104-28-2	Aroclor-1221	9.50	U	9.50	25.1	ug/kg
11141-16-5	Aroclor-1232	5.00	U	5.00	25.1	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	25.1	ug/kg
12672-29-6	Aroclor-1248	11.7	U	11.7	25.1	ug/kg
11097-69-1	Aroclor-1254	2100	E	4.00	25.1	ug/kg
37324-23-5	Aroclor-1262	6.80	U	6.80	25.1	ug/kg
11100-14-4	Aroclor-1268	107		5.10	25.1	ug/kg
11096-82-5	Aroclor-1260	4.30	U	4.30	25.1	ug/kg
Total PCBs	Total PCBs	2200		9.10	25.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.8		32 - 144	124%	SPK: 20
2051-24-3	Decachlorobiphenyl	29.1		32 - 175	145%	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

Sample Results: **PO109529.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 14:48
Operator : YP/AJ
Sample : Q1438-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP2

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 27 15:40:27 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	223.5E6	129.6E6	23.615	24.757m
2)	SA Decachlor...	8.754	8.702	223.8E6	92604296	26.016	29.082
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.578	416.8E6	243.0E6	808.397	929.017
27)	L6 AR-1254-2	5.749	5.726	820.4E6	478.0E6	1821.596	2037.717
28)	L6 AR-1254-3	6.155	6.129	1680.9E6	963.4E6	2347.828	2700.879
29)	L6 AR-1254-4	6.384	6.356	1006.2E6	558.8E6	2402.520	2893.527
30)	L6 AR-1254-5	6.804	6.774	6503.9E6	3677.8E6	10424.529	12394.175
41)	L9 AR-1268-1	7.633	7.598	206.7E6	92548227	156.093	161.964
42)	L9 AR-1268-2	7.694	7.659	584.4E6	215.3E6	483.334	410.161
43)	L9 AR-1268-3	7.906	7.869	111.3E6	50414189	109.339	117.778
44)	L9 AR-1268-4	8.193	8.154	94756975	41763204	223.032	258.860
45)	L9 AR-1268-5	8.492	8.448	346.3E6	153.3E6	114.680	140.273

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

Sample Results: **PO109529.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 14:48
Operator : YP/AJ
Sample : Q1438-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

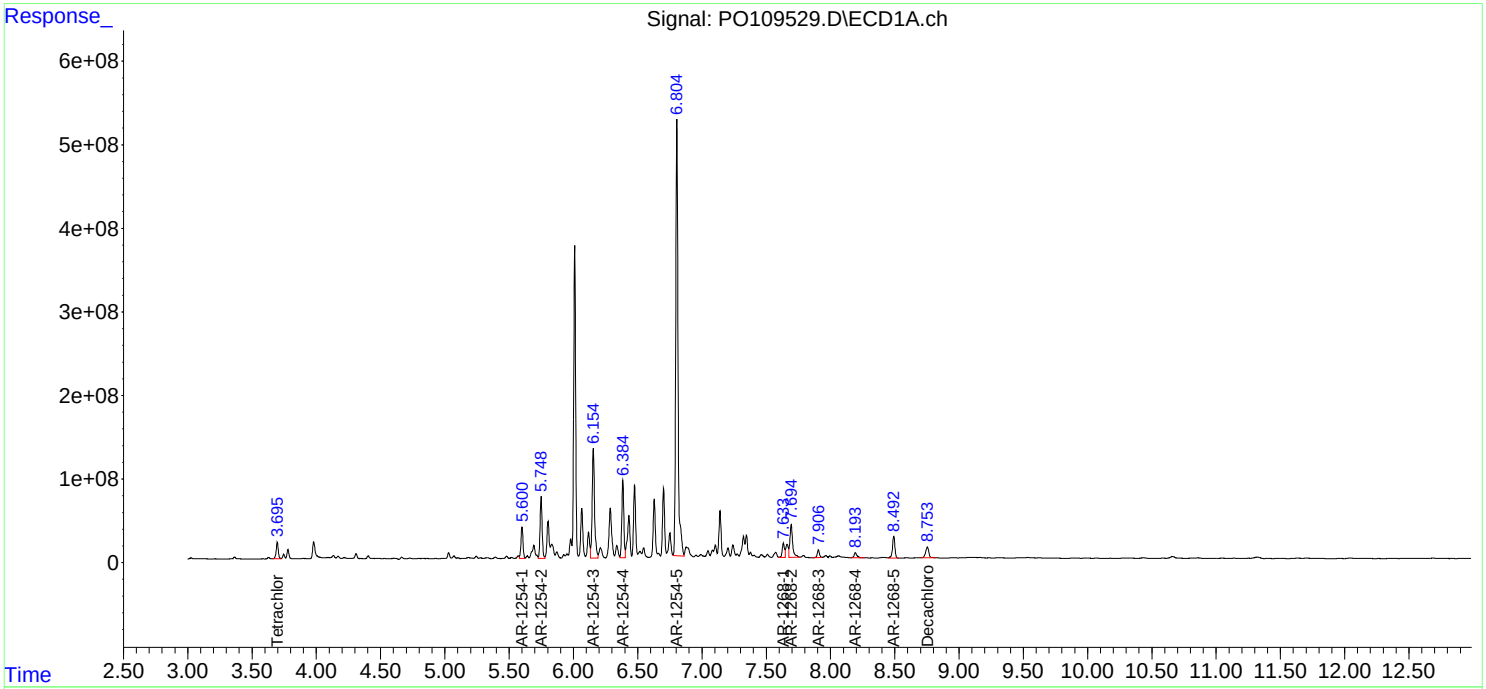
Instrument :
ECD_O
ClientSampleId :
K084-DUP2

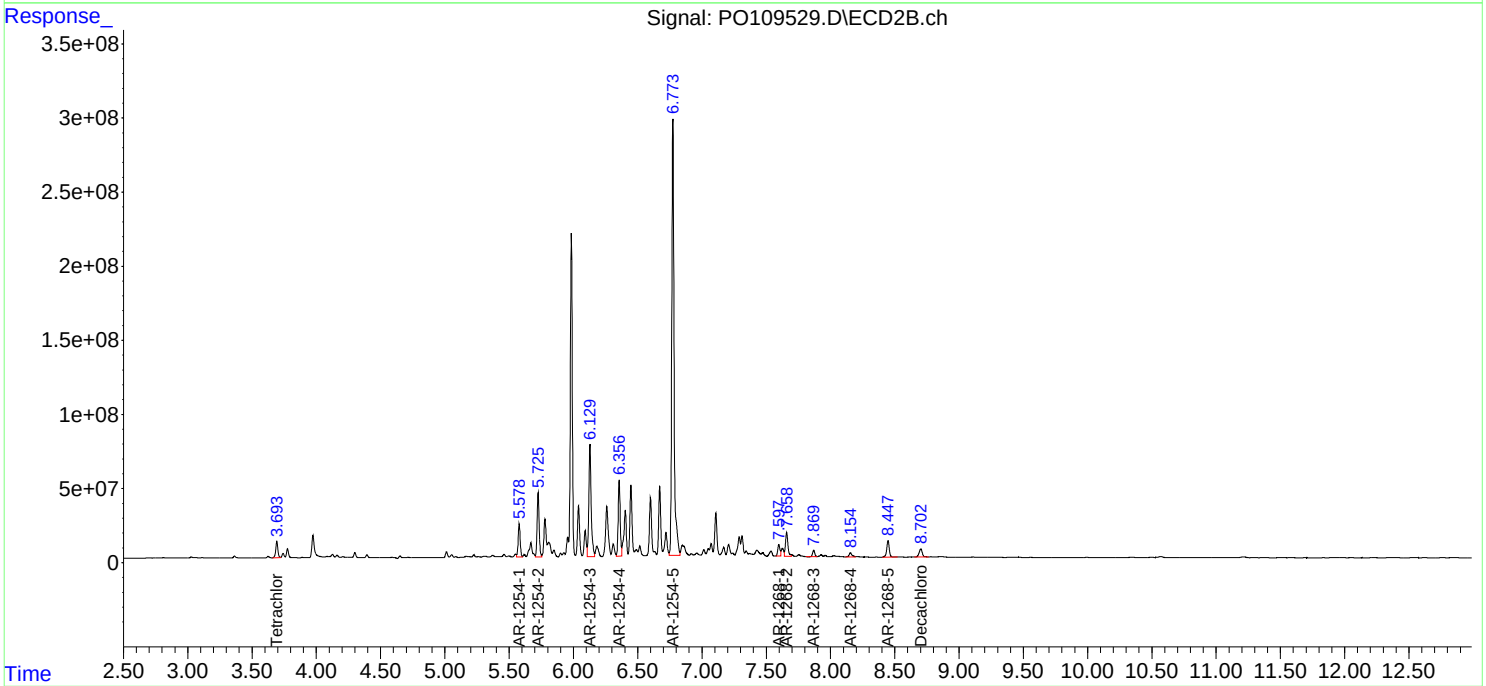
Manual Integrations APPROVED

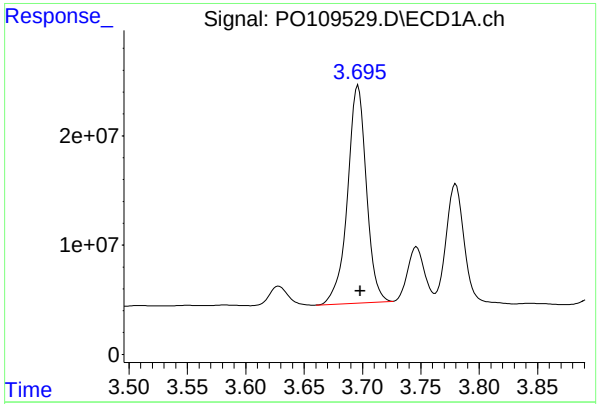
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:40:27 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







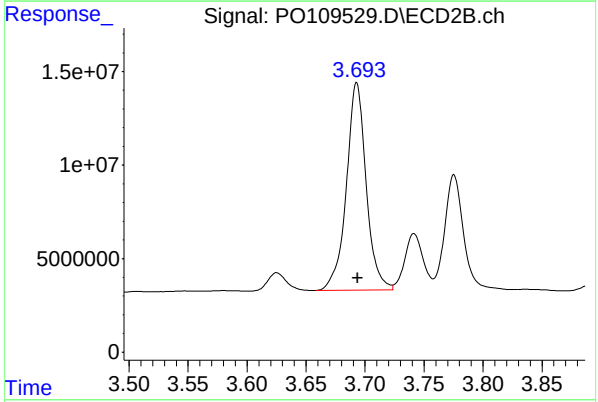
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 223522066
Conc: 23.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP2

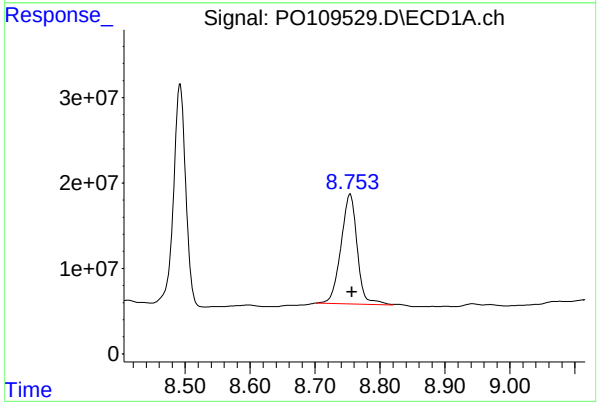
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



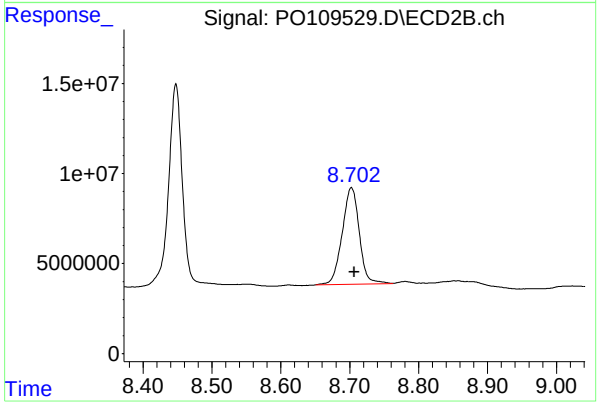
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 129580808
Conc: 24.76 ng/ml m



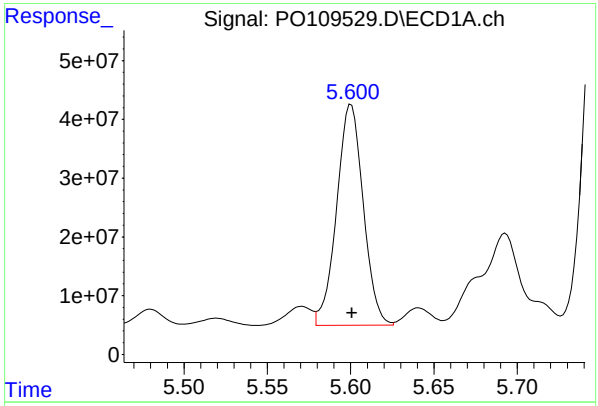
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 223783041
Conc: 26.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.004 min
Response: 92604296
Conc: 29.08 ng/ml



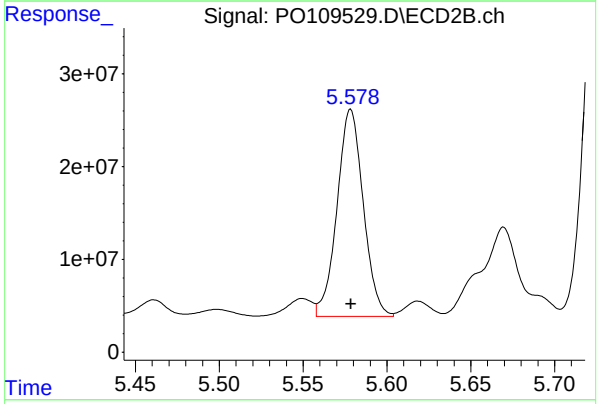
#26 AR-1254-1

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 416814804
Conc: 808.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP2

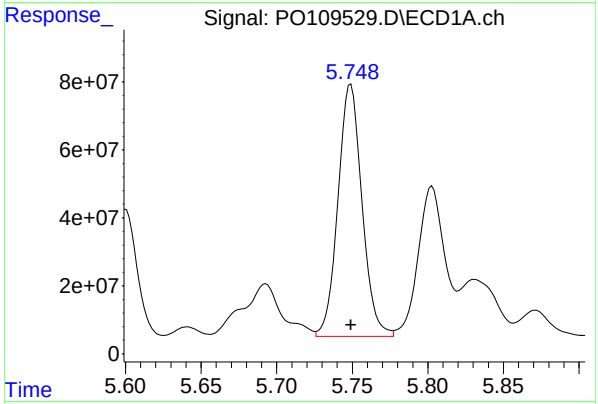
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



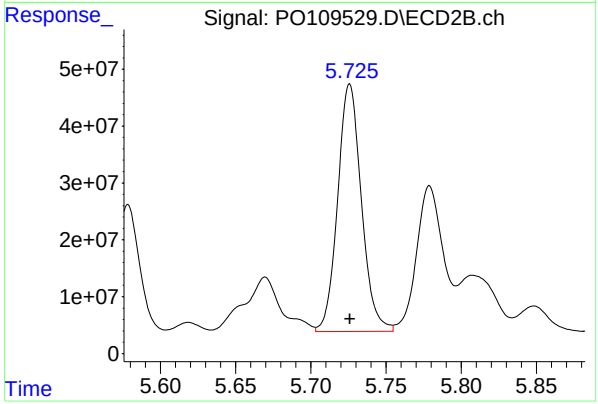
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 242973630
Conc: 929.02 ng/ml



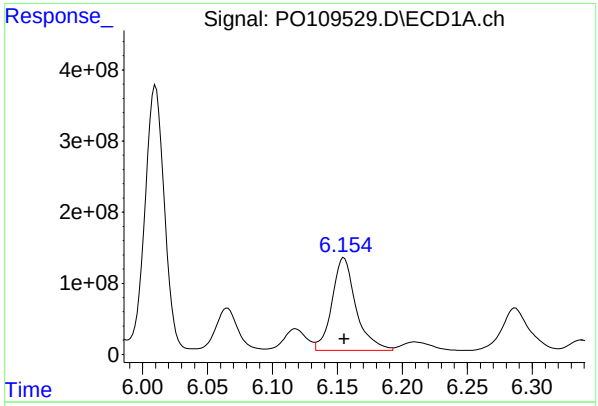
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 820400367
Conc: 1821.60 ng/ml



#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 477969763
Conc: 2037.72 ng/ml



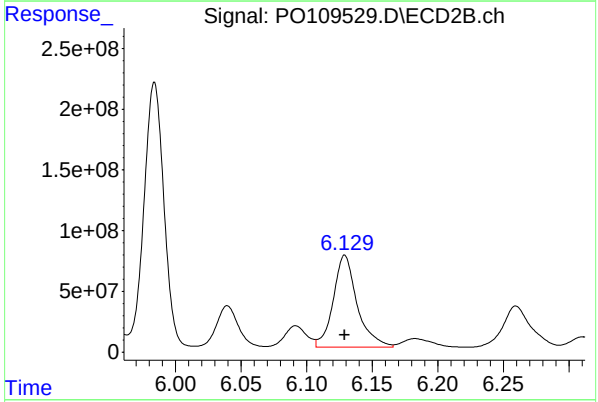
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 mi
Response: 1680939889
Conc: 2347.83 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP2

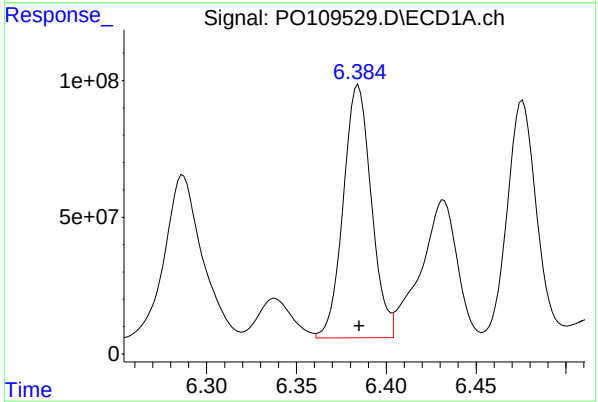
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



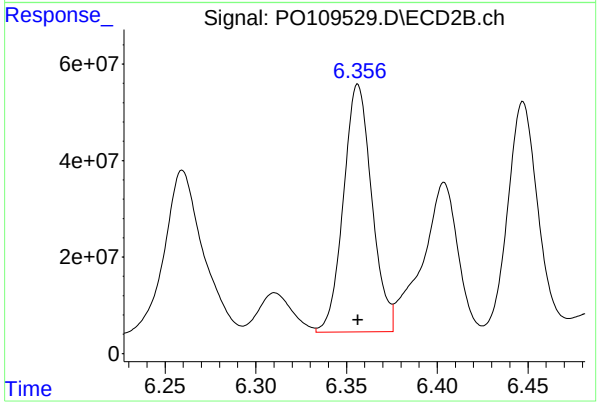
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 963416015
Conc: 2700.88 ng/ml



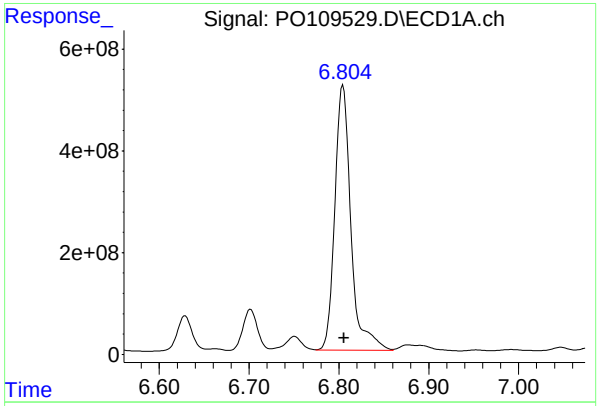
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 1006154931
Conc: 2402.52 ng/ml



#29 AR-1254-4

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 558807786
Conc: 2893.53 ng/ml



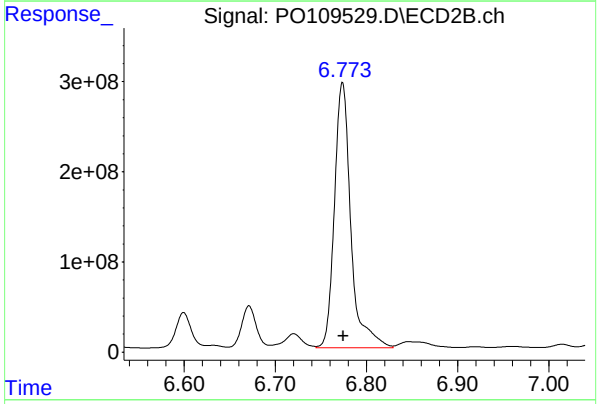
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 6503894394
Conc: 10424.53 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP2

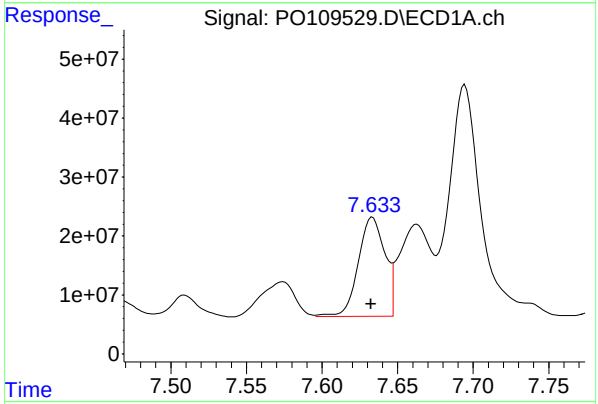
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



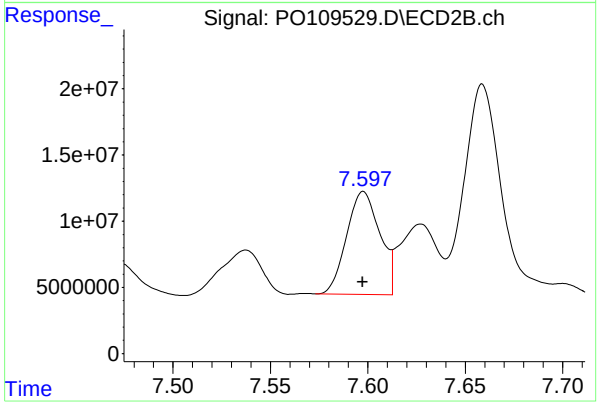
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 3677751261
Conc: 12394.17 ng/ml



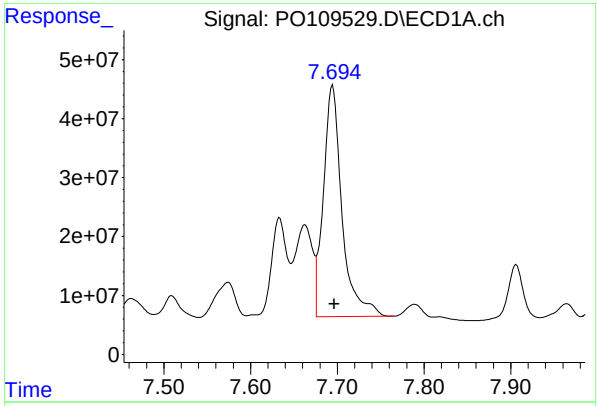
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 206700926
Conc: 156.09 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 92548227
Conc: 161.96 ng/ml



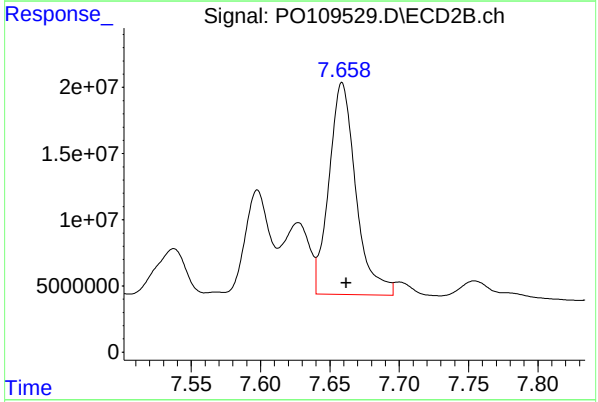
#42 AR-1268-2

R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 584402704
Conc: 483.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP2

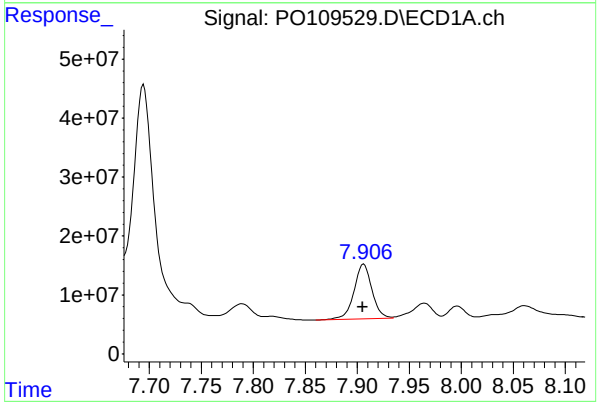
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



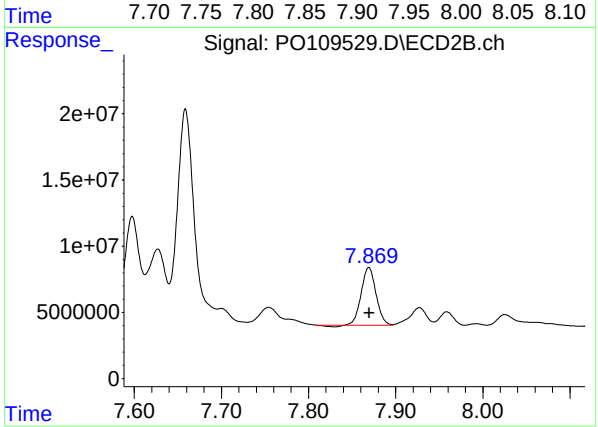
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 215311363
Conc: 410.16 ng/ml



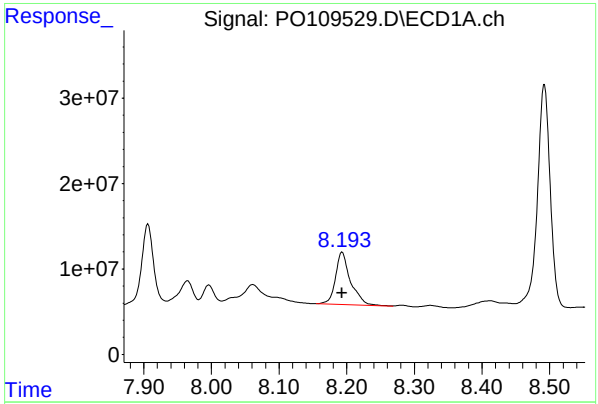
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 111327020
Conc: 109.34 ng/ml



#43 AR-1268-3

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 50414189
Conc: 117.78 ng/ml



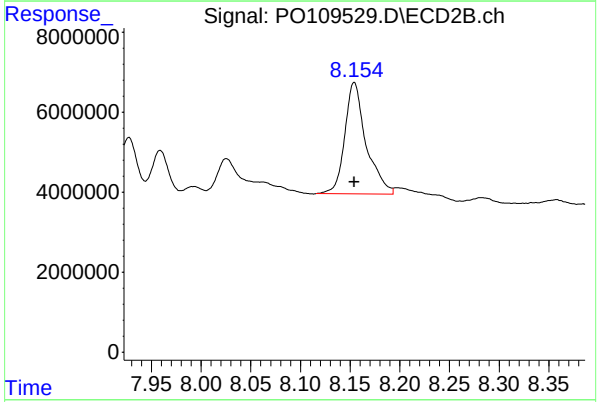
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 94756975
Conc: 223.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP2

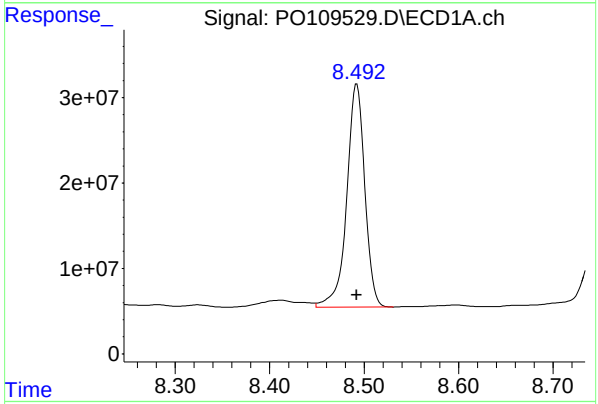
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



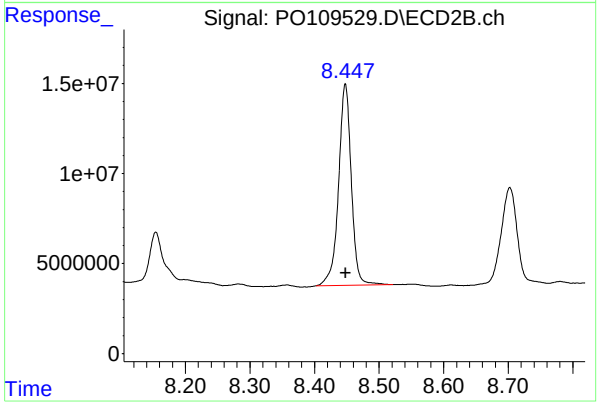
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 41763204
Conc: 258.86 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 346292148
Conc: 114.68 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 153338800
Conc: 140.27 ng/ml

Raw Data: **PO109585.D**

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

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-DUP2DL	SDG No.:	Q1438
Lab Sample ID:	Q1438-07DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	67.5 Decanted:
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
PO109585.D	10	02/27/25 09:56	02/28/25 12:47	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	50.1	UD	50.1	251	ug/kg
11104-28-2	Aroclor-1221	94.8	UD	94.8	251	ug/kg
11141-16-5	Aroclor-1232	50.3	UD	50.3	251	ug/kg
53469-21-9	Aroclor-1242	50.1	UD	50.1	251	ug/kg
12672-29-6	Aroclor-1248	117	UD	117	251	ug/kg
11097-69-1	Aroclor-1254	2500	D	40.4	251	ug/kg
37324-23-5	Aroclor-1262	67.6	UD	67.6	251	ug/kg
11100-14-4	Aroclor-1268	148	JD	50.7	251	ug/kg
11096-82-5	Aroclor-1260	43.0	UD	43.0	251	ug/kg
Total PCBs	Total PCBs	2600	D	91.1	251	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	30.4	*	32 - 144	152%	SPK: 20
2051-24-3	Decachlorobiphenyl	36.7	*	32 - 175	184%	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

Sample Results: **PO109585.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 12:47
Operator : YP/AJ
Sample : Q1438-07DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP2DL

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: Feb 28 14:14:34 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 0.50µ Signal #2 Info : 30M x 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	27863351	15900819	2.944	3.038
2)	SA Decachlor...	8.751	8.702	27785837	11693629	3.230	3.672
	Target Compounds						
26)	L6 AR-1254-1	5.598	5.578	67222425	37238668	130.375m	142.383m
27)	L6 AR-1254-2	5.747	5.726	120.8E6	68016602	268.328m	289.973m
28)	L6 AR-1254-3	6.154	6.130	242.0E6	130.0E6	338.010	364.458
29)	L6 AR-1254-4	6.383	6.356	141.9E6	74265127	338.807	384.548
30)	L6 AR-1254-5	6.803	6.774	740.7E6	394.7E6	1187.227	1330.072
41)	L9 AR-1268-1	7.631	7.596	30762153	13876257	23.230	24.284m
42)	L9 AR-1268-2	7.692	7.659	70030715	28126733	57.919	53.580m
43)	L9 AR-1268-3	7.904	7.869	15969002	7963902	15.684	18.605m
44)	L9 AR-1268-4	8.191	8.153	13957646	5747937	32.852	35.627
45)	L9 AR-1268-5	8.490	8.447	45053277	19912592	14.920	18.216

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

Sample Results: **PO109585.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 12:47
Operator : YP/AJ
Sample : Q1438-07DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

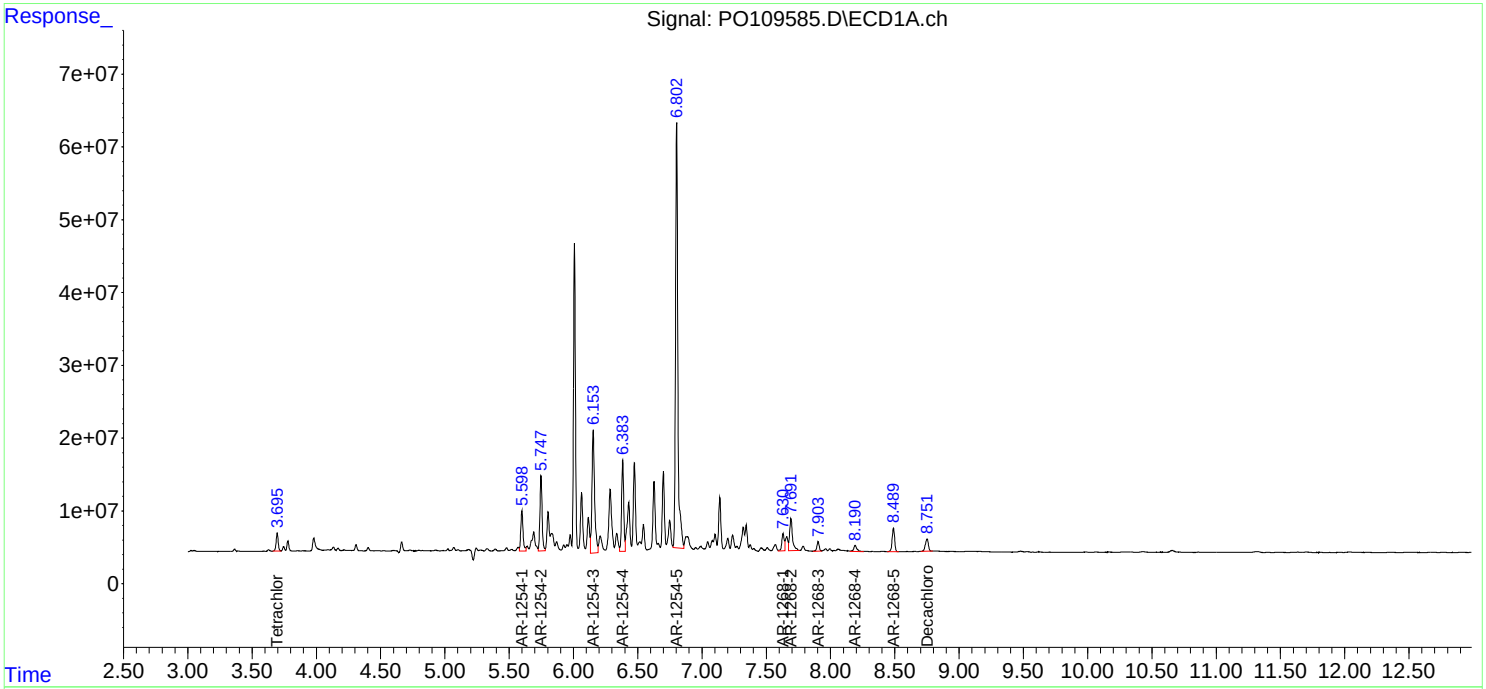
Instrument :
ECD_O
ClientSampleId :
K084-DUP2DL

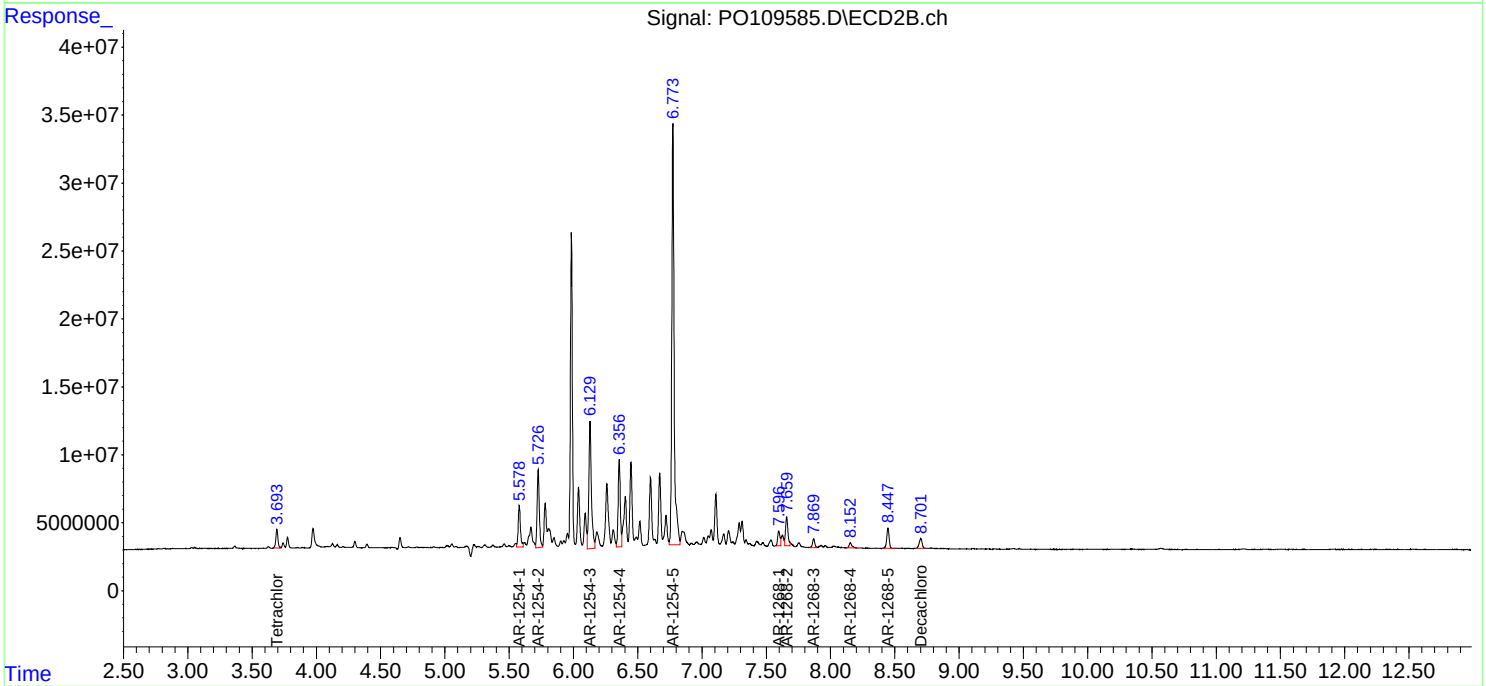
Manual Integrations APPROVED

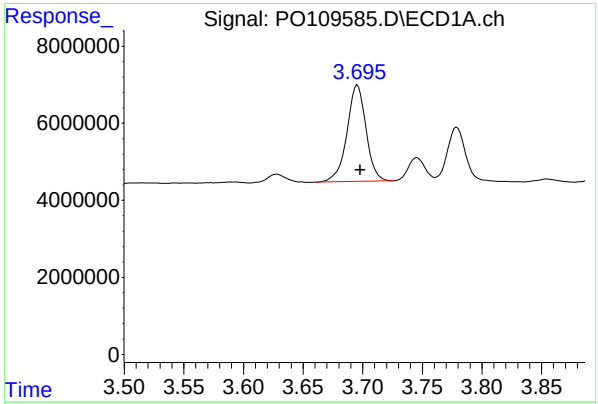
Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:14:34 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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







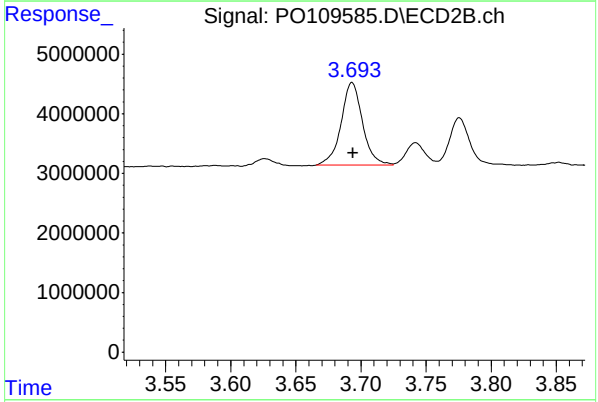
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 27863351
Conc: 2.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP2DL

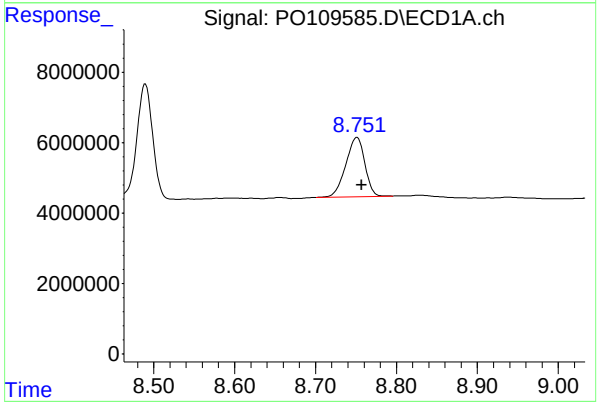
Manual Integrations
APPROVED

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



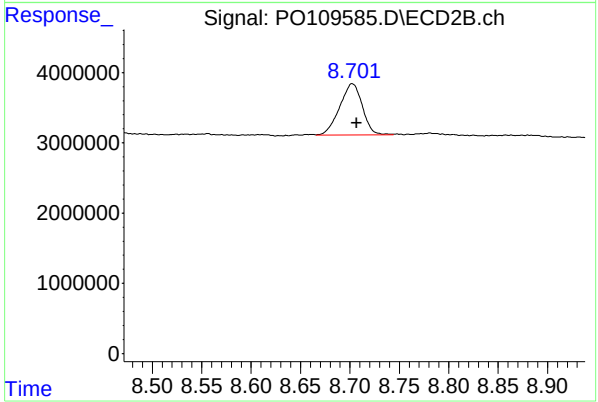
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 15900819
Conc: 3.04 ng/ml



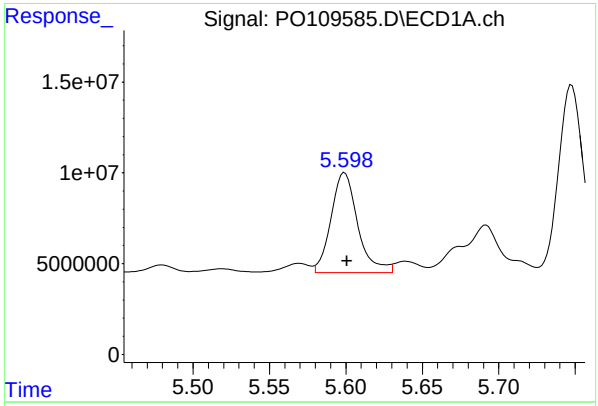
#2 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.005 min
Response: 27785837
Conc: 3.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.004 min
Response: 11693629
Conc: 3.67 ng/ml



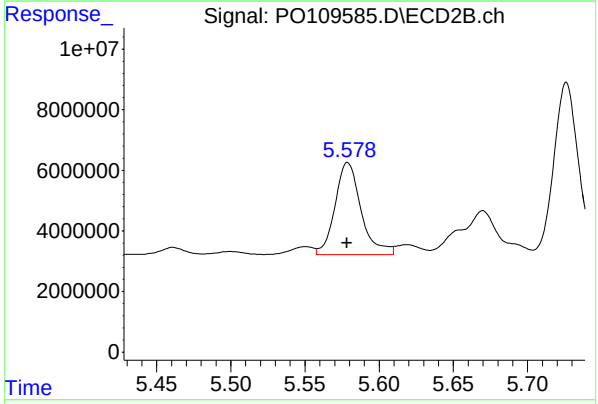
#26 AR-1254-1

R.T.: 5.598 min
Delta R.T.: -0.002 mi
Response: 67222425
Conc: 130.38 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP2DL

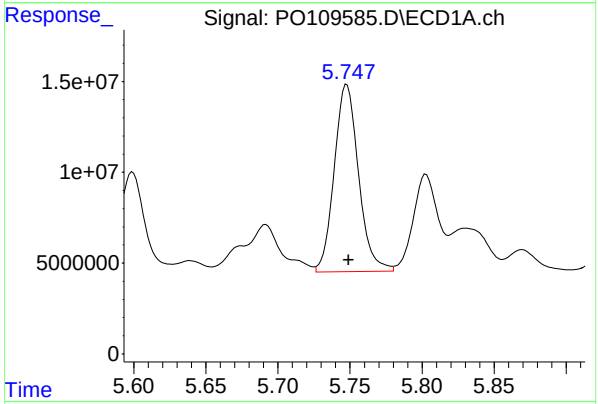
Manual Integrations APPROVED

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



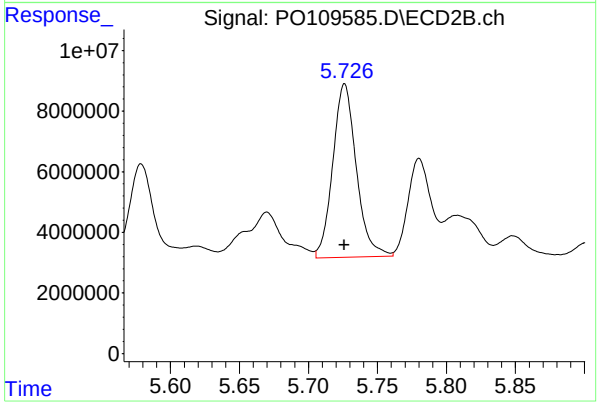
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 37238668
Conc: 142.38 ng/ml m



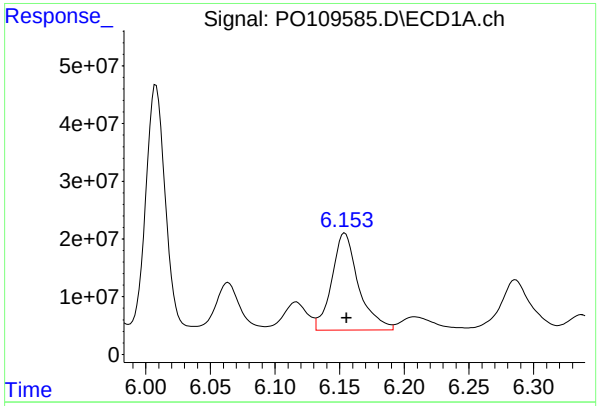
#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: -0.002 min
Response: 120848122
Conc: 268.33 ng/ml m



#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 68016602
Conc: 289.97 ng/ml m



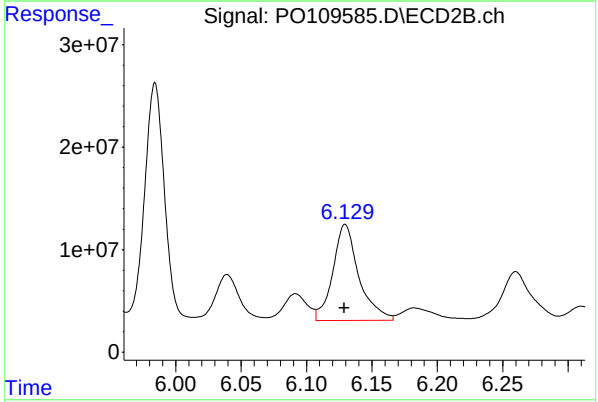
#28 AR-1254-3

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 242000425
Conc: 338.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP2DL

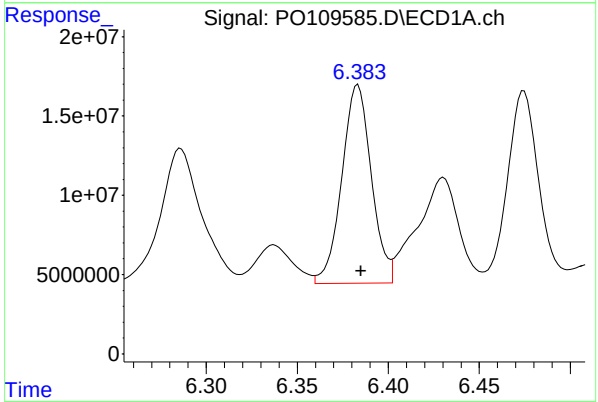
Manual Integrations
APPROVED

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



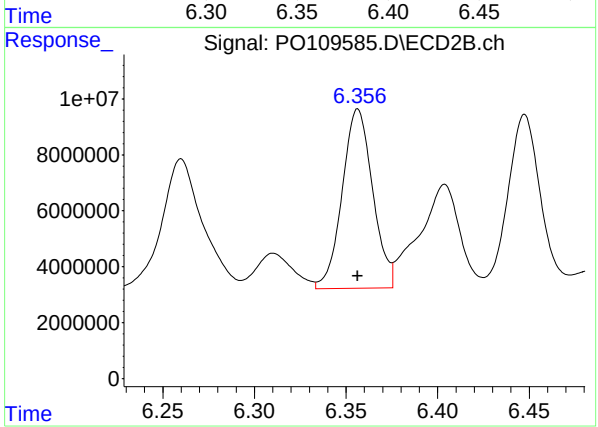
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 130003743
Conc: 364.46 ng/ml



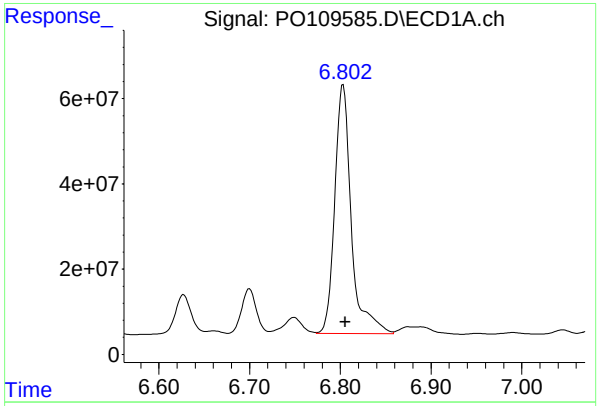
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 141889604
Conc: 338.81 ng/ml



#29 AR-1254-4

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 74265127
Conc: 384.55 ng/ml



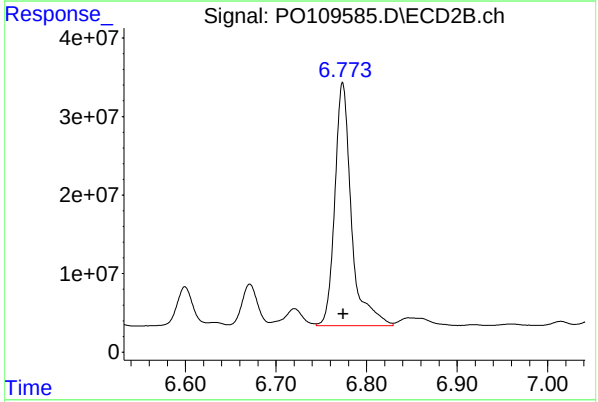
#30 AR-1254-5

R.T.: 6.803 min
Delta R.T.: -0.002 mi
Response: 740714646
Conc: 1187.23 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP2DL

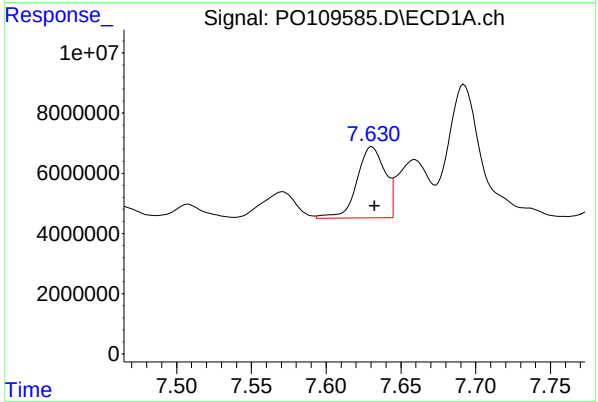
Manual Integrations
APPROVED

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



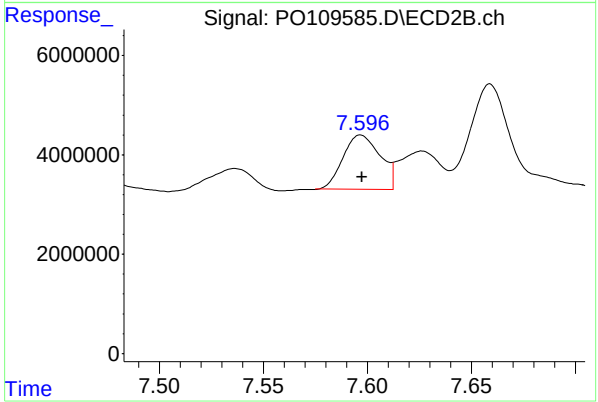
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 394675373
Conc: 1330.07 ng/ml



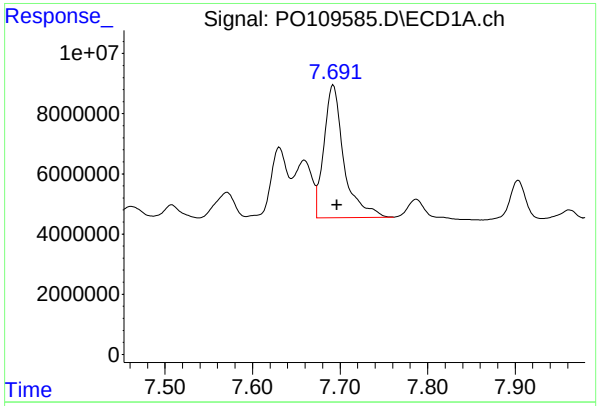
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 30762153
Conc: 23.23 ng/ml



#41 AR-1268-1

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 13876257
Conc: 24.28 ng/ml m



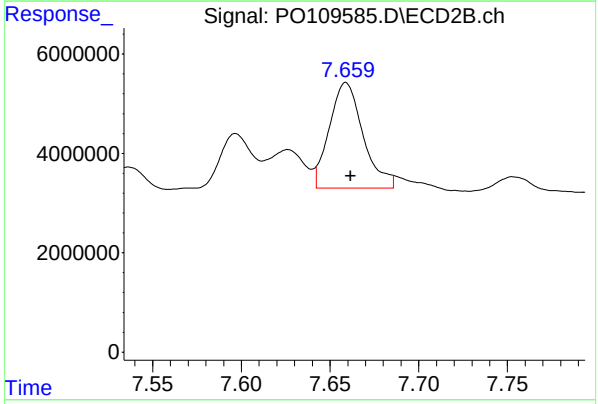
#42 AR-1268-2

R.T.: 7.692 min
Delta R.T.: -0.004 mi
Response: 70030715
Conc: 57.92 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP2DL

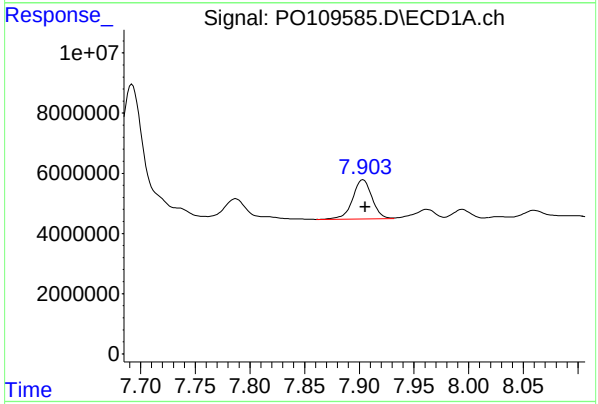
Manual Integrations
APPROVED

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



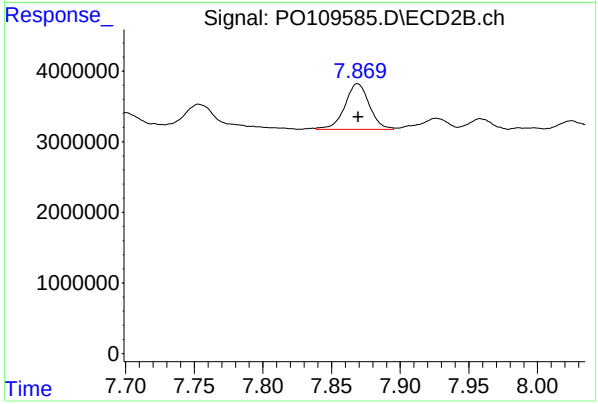
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 28126733
Conc: 53.58 ng/ml m



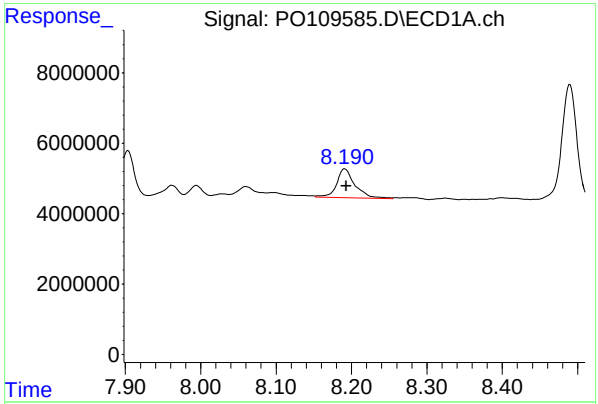
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 15969002
Conc: 15.68 ng/ml



#43 AR-1268-3

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 7963902
Conc: 18.61 ng/ml m



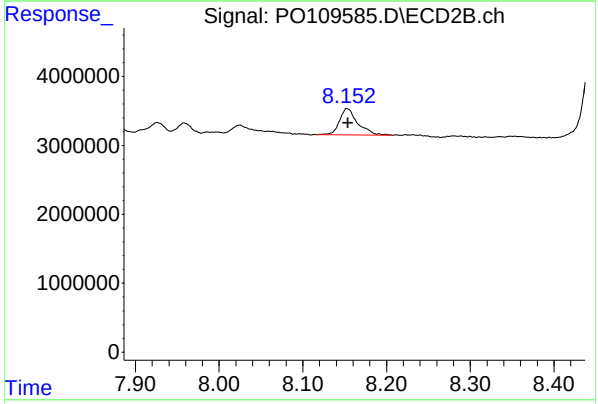
#44 AR-1268-4

R.T.: 8.191 min
Delta R.T.: -0.002 min
Response: 13957646
Conc: 32.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP2DL

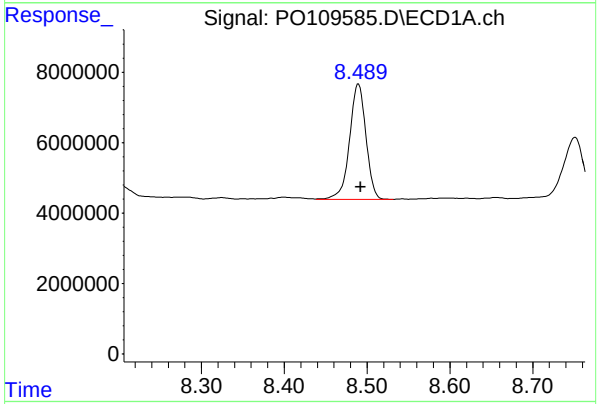
Manual Integrations
APPROVED

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



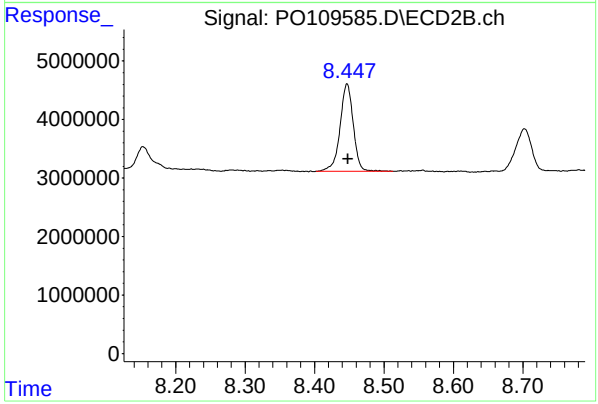
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 5747937
Conc: 35.63 ng/ml



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 45053277
Conc: 14.92 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.001 min
Response: 19912592
Conc: 18.22 ng/ml

Raw Data: **PO109530.D**

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

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-DUP3	SDG No.:	Q1438
Lab Sample ID:	Q1438-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.4 Decanted:
Sample Wt/Vol:	30.08 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
PO109530.D	1	02/27/25 09:56	02/27/25 15:06	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.00	U	4.00	20.1	ug/kg
11104-28-2	Aroclor-1221	7.60	U	7.60	20.1	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	20.1	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	20.1	ug/kg
12672-29-6	Aroclor-1248	9.30	U	9.30	20.1	ug/kg
11097-69-1	Aroclor-1254	9500	E	3.20	20.1	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	20.1	ug/kg
11100-14-4	Aroclor-1268	532	E	4.10	20.1	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	20.1	ug/kg
Total PCBs	Total PCBs	10000	E	7.30	20.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.8		32 - 144	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	94.1	*	32 - 175	470%	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 : PO109530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 15:06
Operator : YP/AJ
Sample : Q1438-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:41:06 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.693	200.7E6	119.1E6	21.204	22.746
2)	SA Decachlor...	8.755	8.705	718.0E6	299.5E6	83.475	94.071
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.579	4976.4E6	2837.9E6	9651.471	10850.783
27)	L6 AR-1254-2	5.749	5.727	6124.4E6	3504.3E6	13598.547	14939.661
28)	L6 AR-1254-3	6.156	6.130	12749.2E6	7397.7E6	17807.219	20739.021
29)	L6 AR-1254-4	6.385	6.357	8488.5E6	4673.3E6	20269.142	24198.742
30)	L6 AR-1254-5	6.805	6.775	22590.7E6	14806.3E6	36208.733	49897.941 #
41)	L9 AR-1268-1	7.632	7.597	1107.7E6	525.2E6	836.475	919.089
42)	L9 AR-1268-2	7.694	7.659	2444.8E6	1164.1E6	2021.974	2217.533
43)	L9 AR-1268-3	7.906	7.870	1169.4E6	548.8E6	1148.522	1282.213
44)	L9 AR-1268-4	8.193	8.154	370.1E6	165.9E6	871.151	1028.358
45)	L9 AR-1268-5	8.493	8.448	3484.0E6	1423.2E6	1153.788	1301.953

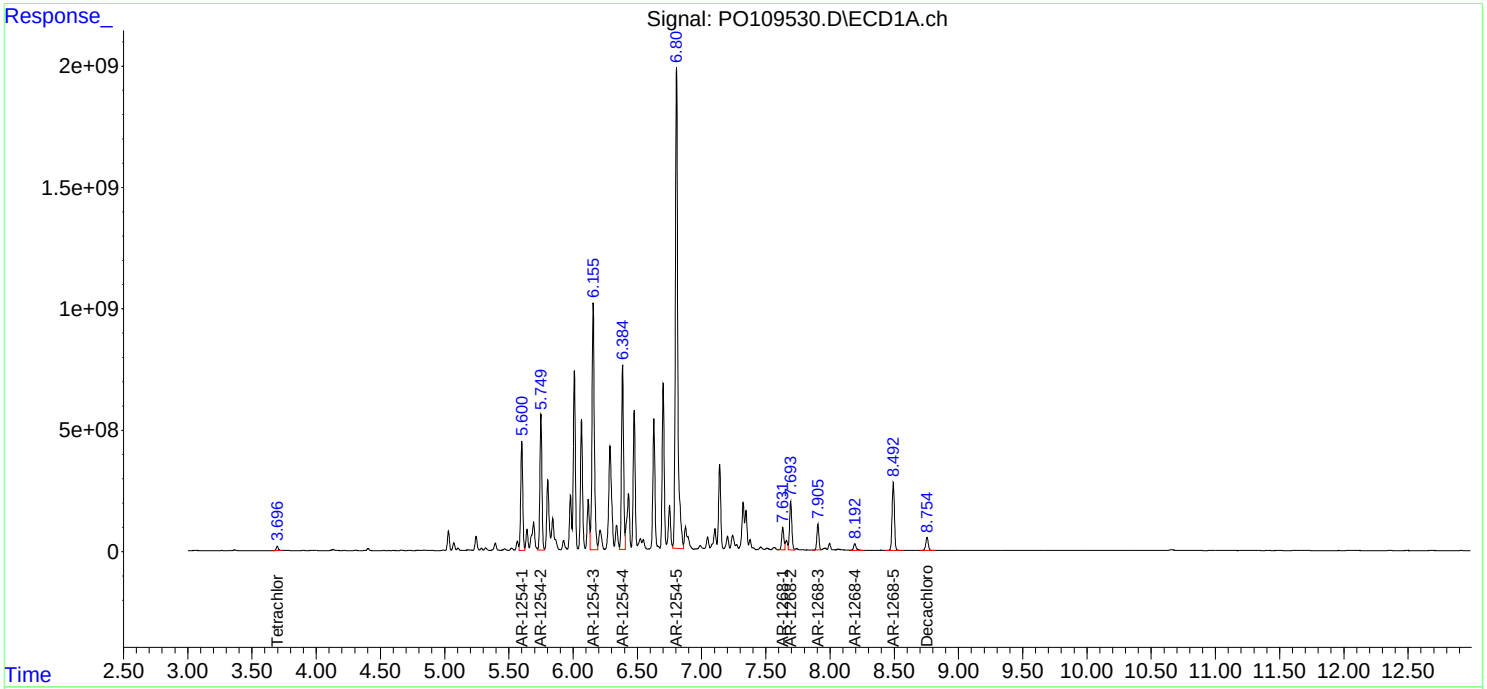
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

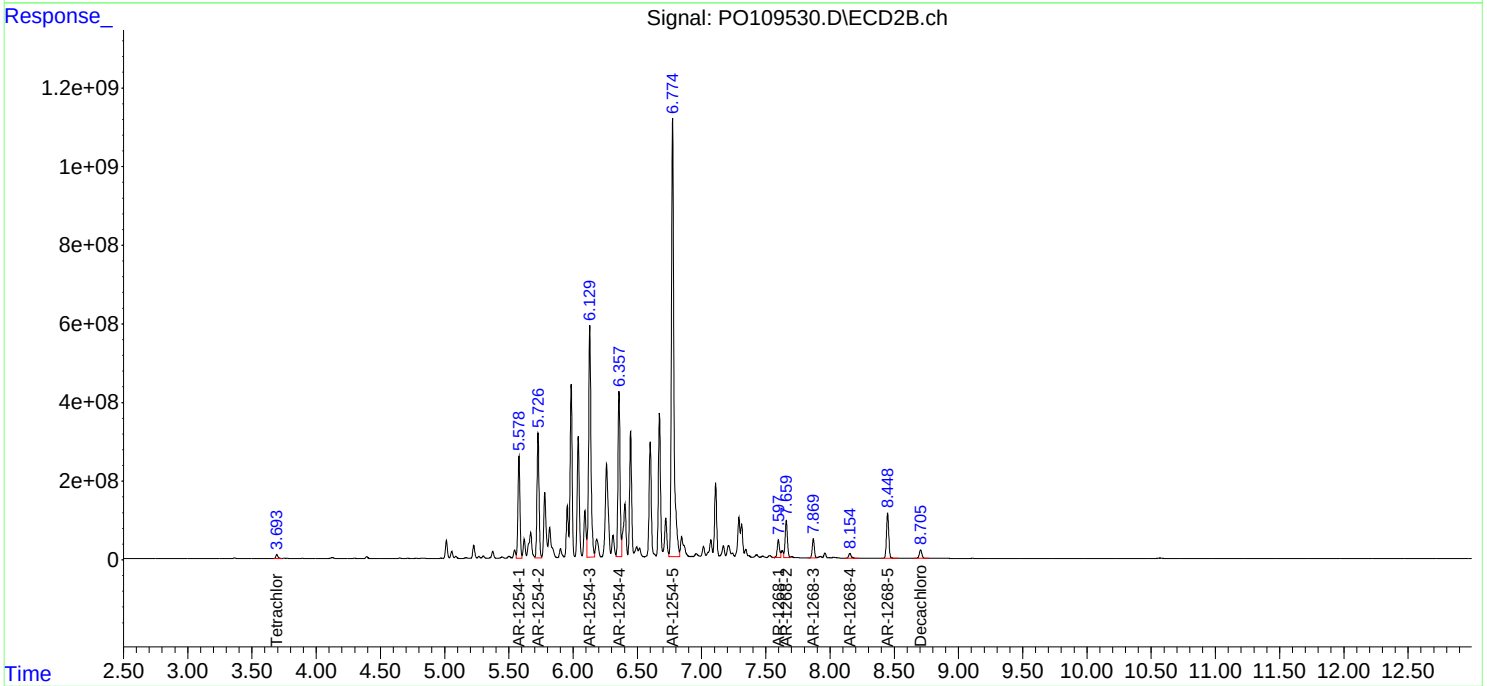
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 15:06
Operator : YP/AJ
Sample : Q1438-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

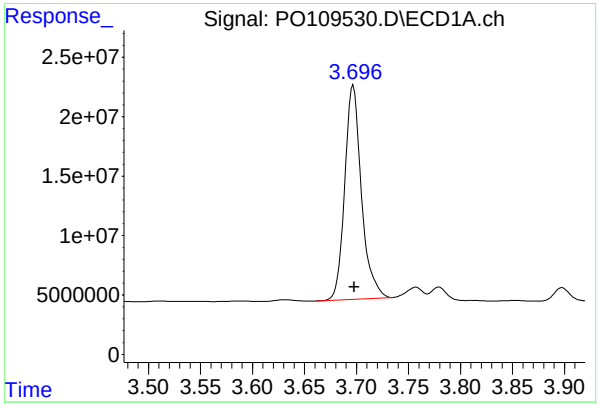
Instrument :
ECD_O
ClientSampleId :
K084-DUP3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:41:06 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



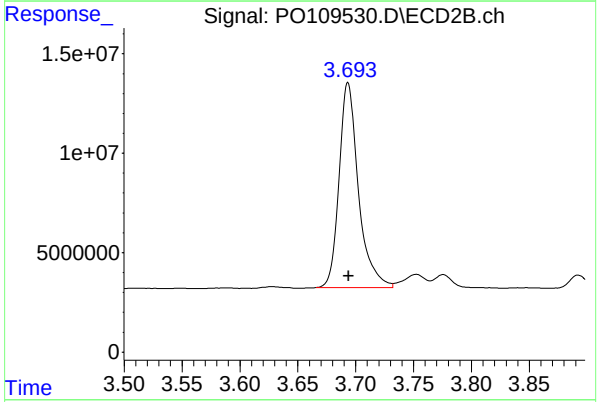




#1 Tetrachloro-m-xylene

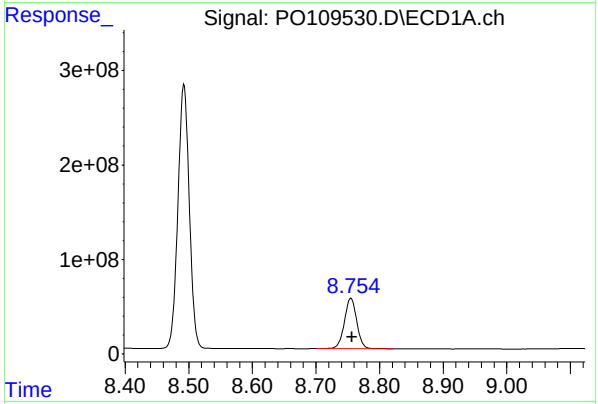
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 200699014
Conc: 21.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP3



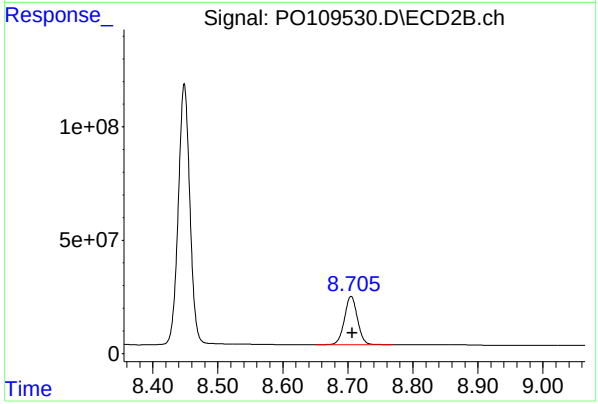
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 119058361
Conc: 22.75 ng/ml



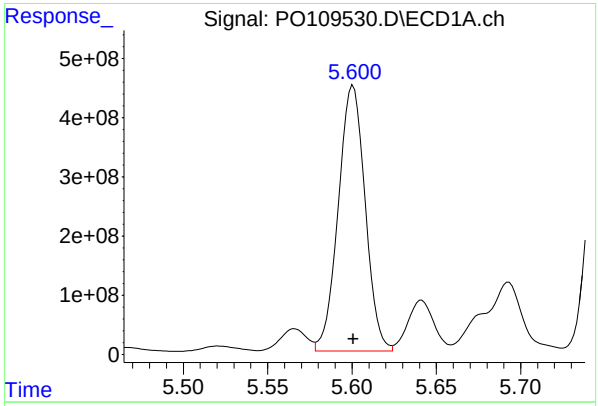
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 718036180
Conc: 83.47 ng/ml



#2 Decachlorobiphenyl

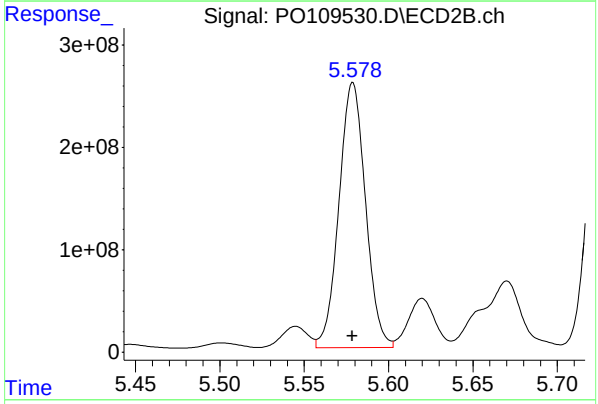
R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 299545557
Conc: 94.07 ng/ml



#26 AR-1254-1

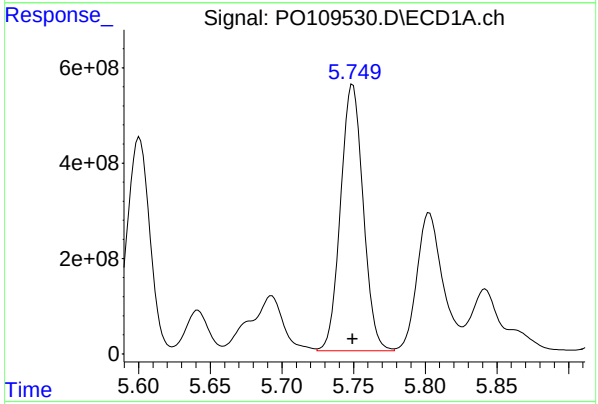
R.T.: 5.601 min
Delta R.T.: 0.000 mi
Response: 4976362841
Conc: 9651.47 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP3



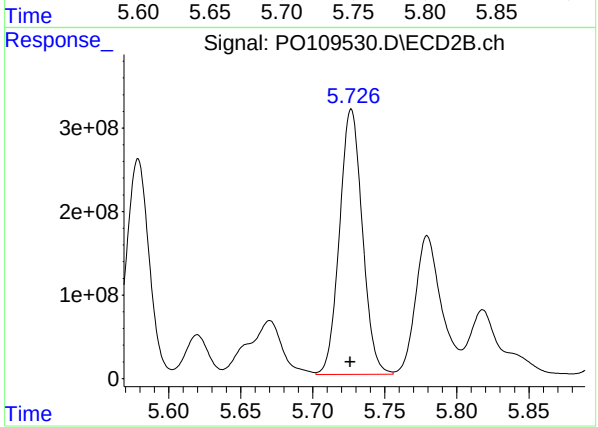
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 2837895545
Conc: 10850.78 ng/ml



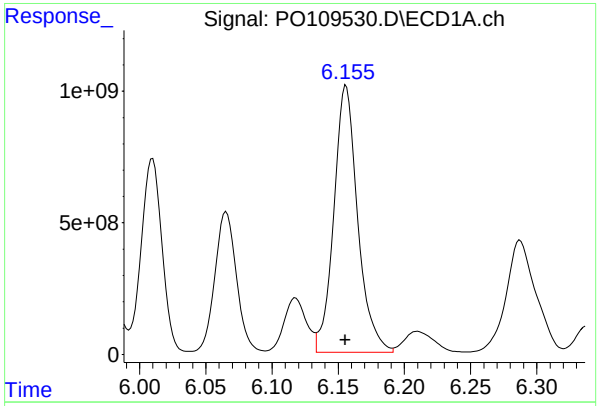
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 6124439431
Conc: 13598.55 ng/ml



#27 AR-1254-2

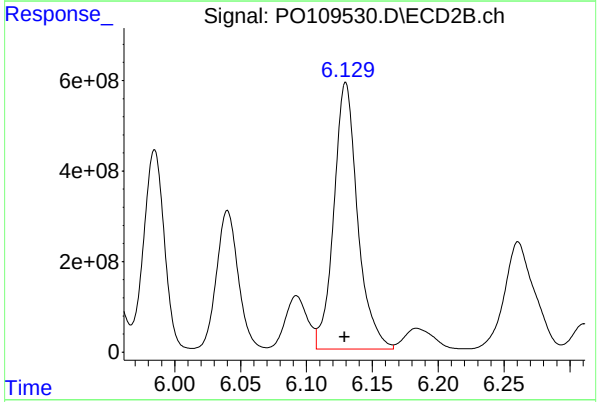
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 3504268598
Conc: 14939.66 ng/ml



#28 AR-1254-3

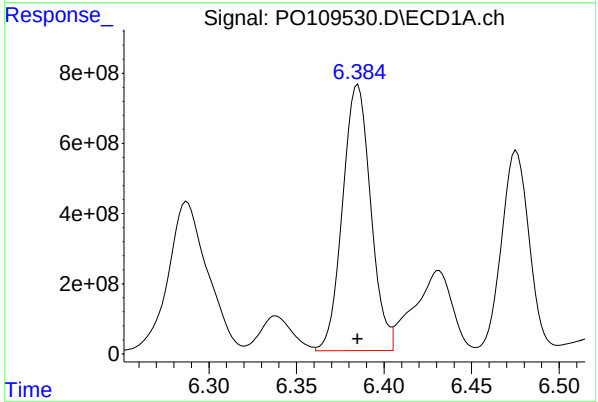
R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 12749174635
Conc: 17807.22 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP3



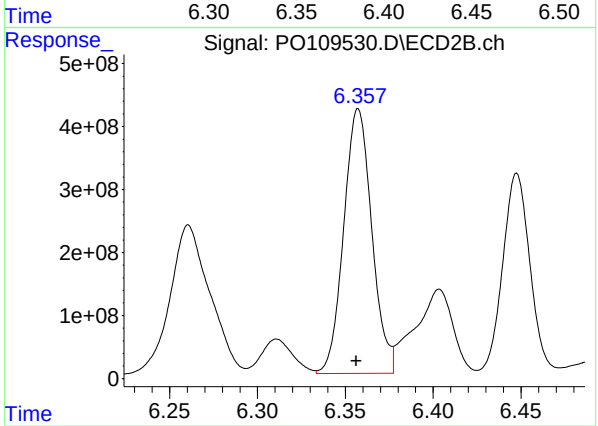
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 7397703679
Conc: 20739.02 ng/ml



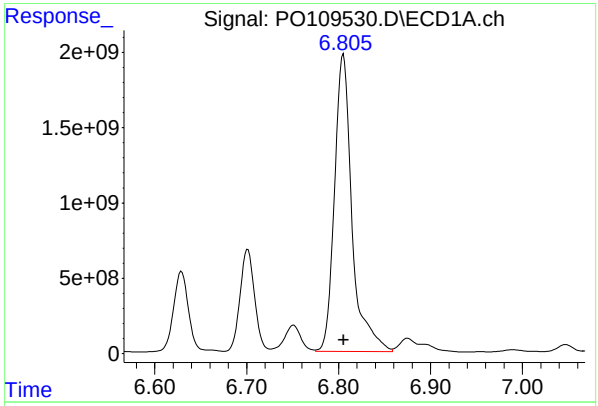
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 8488544413
Conc: 20269.14 ng/ml



#29 AR-1254-4

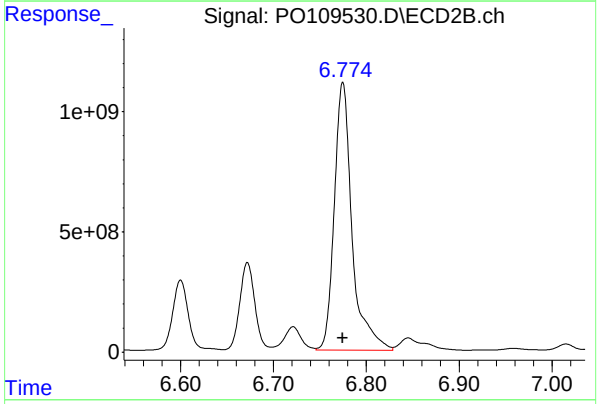
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 4673343495
Conc: 24198.74 ng/ml



#30 AR-1254-5

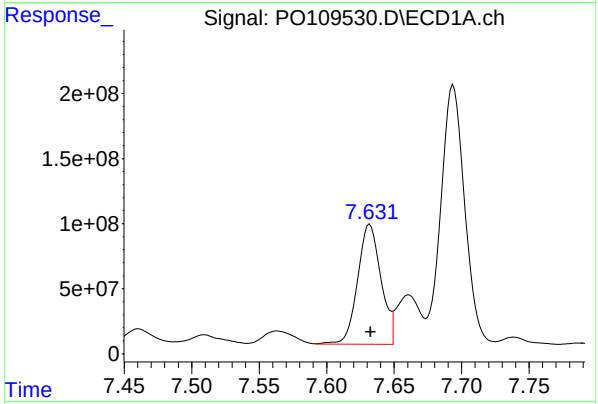
R.T.: 6.805 min
Delta R.T.: 0.000 mi
Response: 22590735725
Conc: 36208.73 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP3



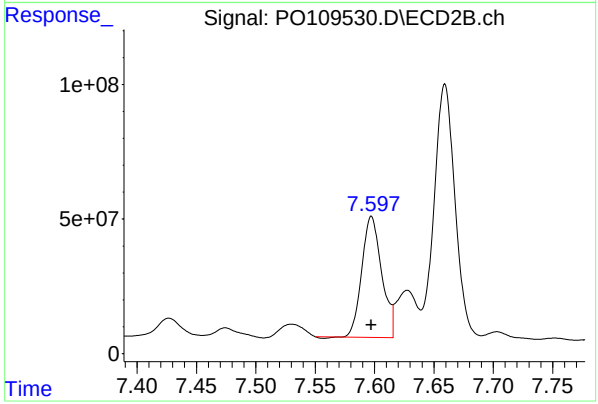
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 14806327768
Conc: 49897.94 ng/ml



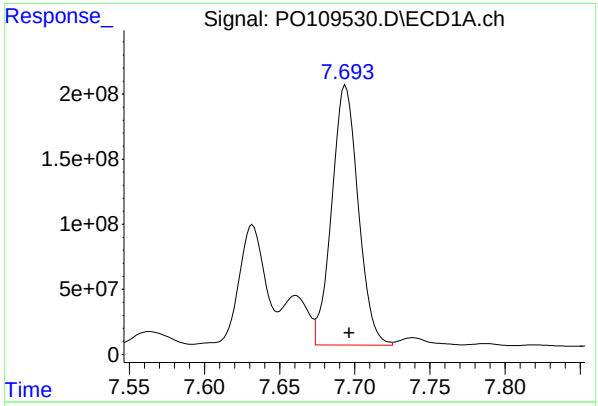
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 1107675962
Conc: 836.48 ng/ml



#41 AR-1268-1

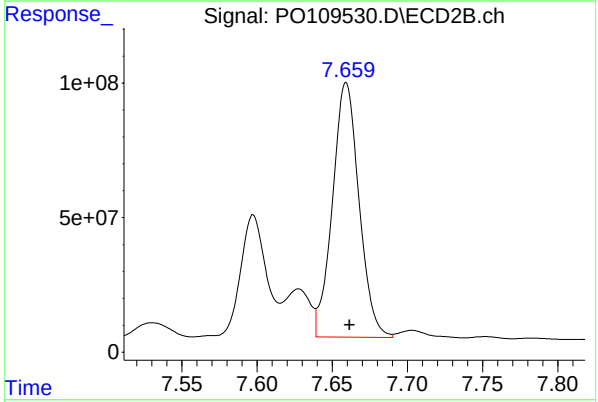
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 525178724
Conc: 919.09 ng/ml



#42 AR-1268-2

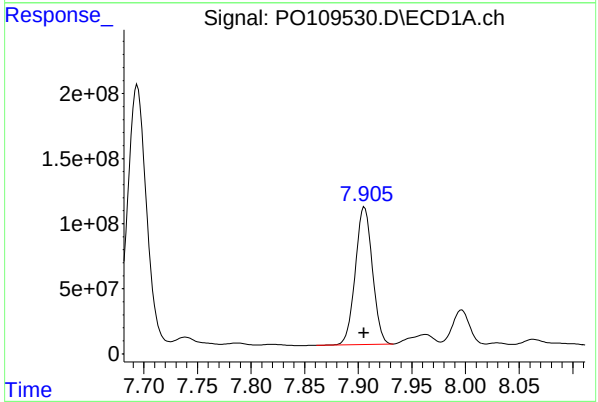
R.T.: 7.694 min
Delta R.T.: -0.003 mi
Response: 2444781225
Conc: 2021.97 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP3



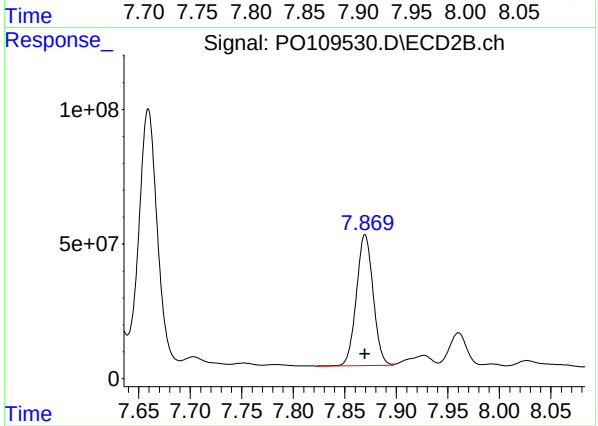
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 1164080007
Conc: 2217.53 ng/ml



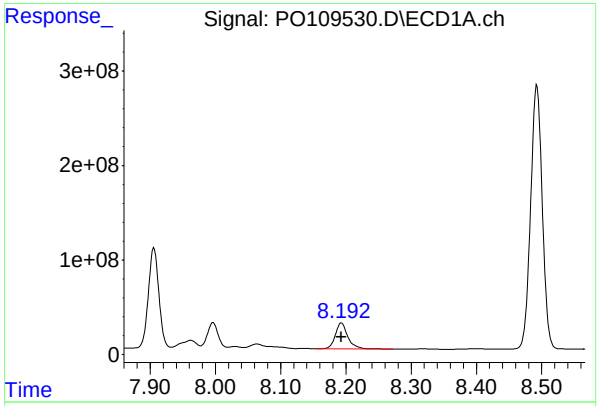
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 1169400012
Conc: 1148.52 ng/ml



#43 AR-1268-3

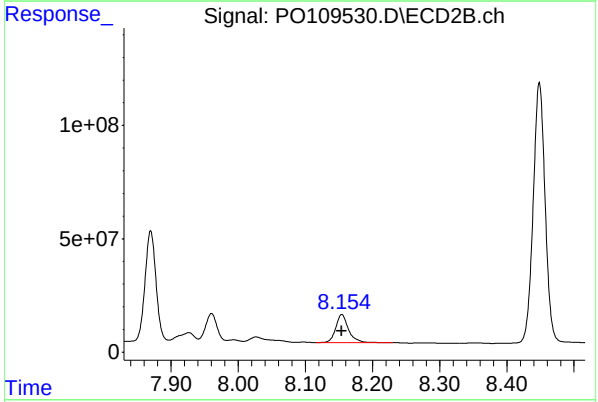
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 548843261
Conc: 1282.21 ng/ml



#44 AR-1268-4

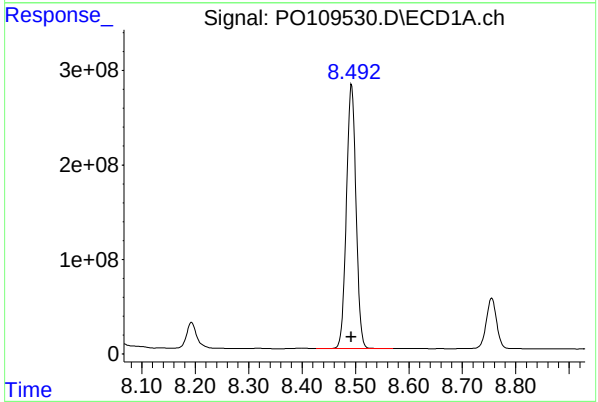
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 370116000
Conc: 871.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP3



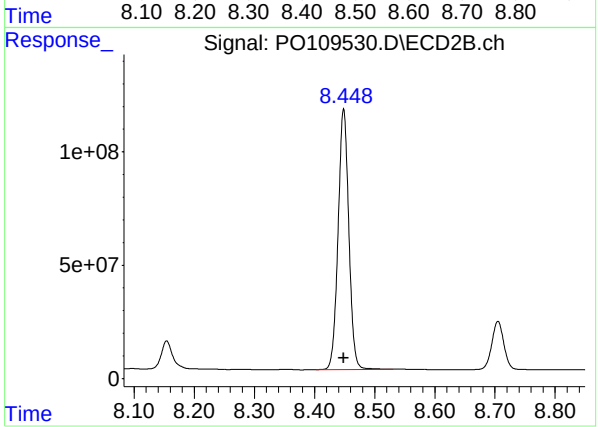
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 165910280
Conc: 1028.36 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 3484038500
Conc: 1153.79 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 1423222151
Conc: 1301.95 ng/ml

Raw Data: **PO109586.D**

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

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-DUP3DL	SDG No.:	Q1438
Lab Sample ID:	Q1438-08DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.4 Decanted:
Sample Wt/Vol:	30.08 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
PO109586.D	3	02/27/25 09:56	02/28/25 13:04	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	12.0	UD	12.0	60.3	ug/kg
11104-28-2	Aroclor-1221	22.7	UD	22.7	60.3	ug/kg
11141-16-5	Aroclor-1232	12.1	UD	12.1	60.3	ug/kg
53469-21-9	Aroclor-1242	12.0	UD	12.0	60.3	ug/kg
12672-29-6	Aroclor-1248	28.0	UD	28.0	60.3	ug/kg
11097-69-1	Aroclor-1254	11000	ED	9.70	60.3	ug/kg
37324-23-5	Aroclor-1262	16.2	UD	16.2	60.3	ug/kg
11100-14-4	Aroclor-1268	584	D	12.2	60.3	ug/kg
11096-82-5	Aroclor-1260	10.3	UD	10.3	60.3	ug/kg
Total PCBs	Total PCBs	11000	ED	21.9	60.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.1		32 - 144	126%	SPK: 20
2051-24-3	Decachlorobiphenyl	104	*	32 - 175	519%	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 : PO109586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 13:04
Operator : YP/AJ
Sample : Q1438-08DL 3X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:15:17 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
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.695	3.694	75213483	43842358	7.946	8.376
2)	SA Decachlor...	8.752	8.706	274.0E6	110.2E6	31.859	34.612
	Target Compounds						
26)	L6 AR-1254-1	5.598	5.579	1946.4E6	1057.7E6	3775.006	4044.137
27)	L6 AR-1254-2	5.747	5.727	2391.6E6	1298.4E6	5310.285	5535.534
28)	L6 AR-1254-3	6.153	6.130	5053.2E6	2735.6E6	7058.015	7668.995
29)	L6 AR-1254-4	6.382	6.357	3255.9E6	1700.7E6	7774.420	8806.334
30)	L6 AR-1254-5	6.802	6.775	10314.0E6	5463.3E6	16531.400	18411.628
41)	L9 AR-1268-1	7.630	7.597	421.0E6	198.8E6	317.940	347.951
42)	L9 AR-1268-2	7.692	7.659	898.9E6	425.7E6	743.457	811.007
43)	L9 AR-1268-3	7.903	7.870	437.3E6	200.5E6	429.511	468.417
44)	L9 AR-1268-4	8.191	8.154	145.7E6	62865076	342.894	389.655
45)	L9 AR-1268-5	8.489	8.448	1237.2E6	495.5E6	409.730	453.297

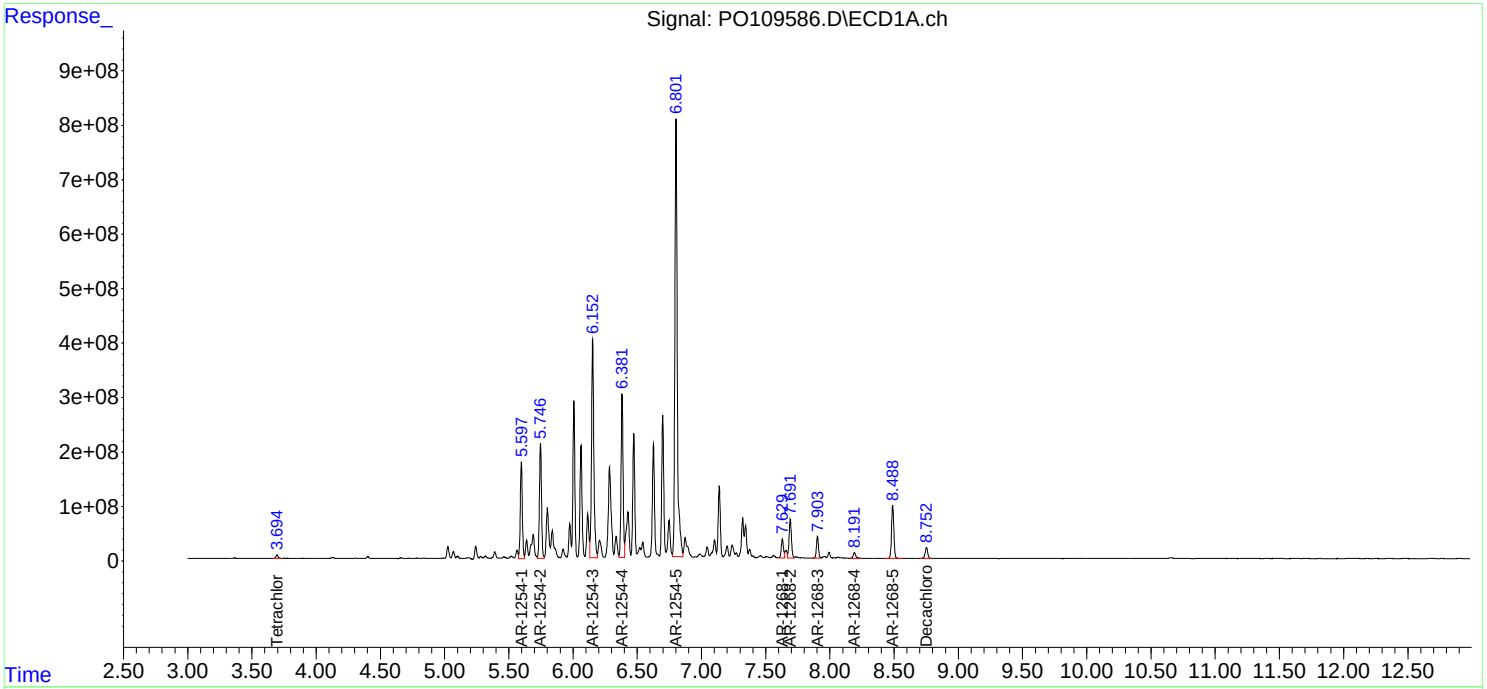
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

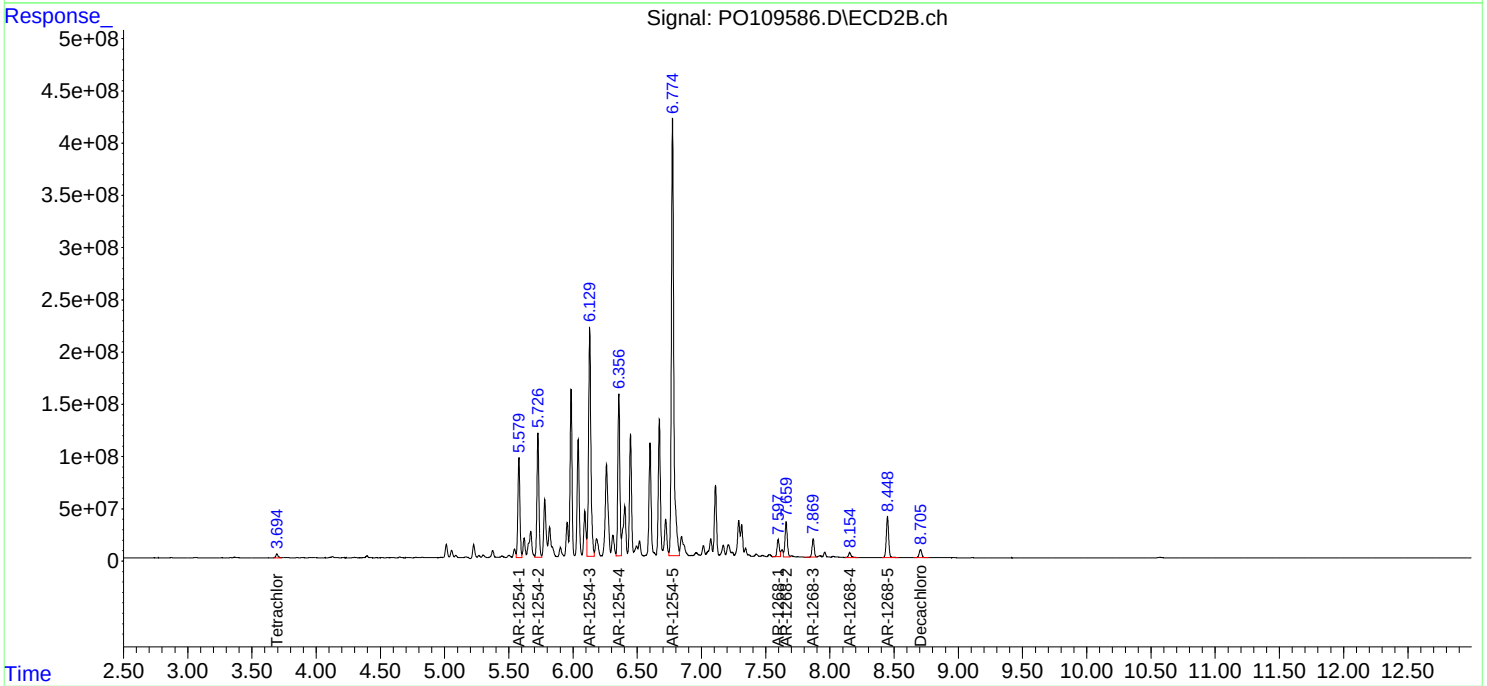
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 13:04
Operator : YP/AJ
Sample : Q1438-08DL 3X
Misc :
ALS Vial : 12 Sample Multiplier: 1

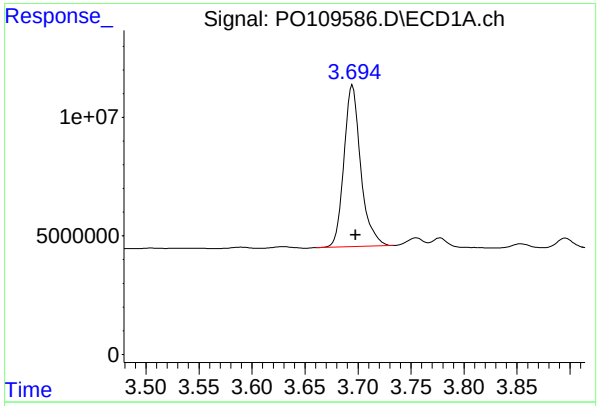
Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:15:17 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



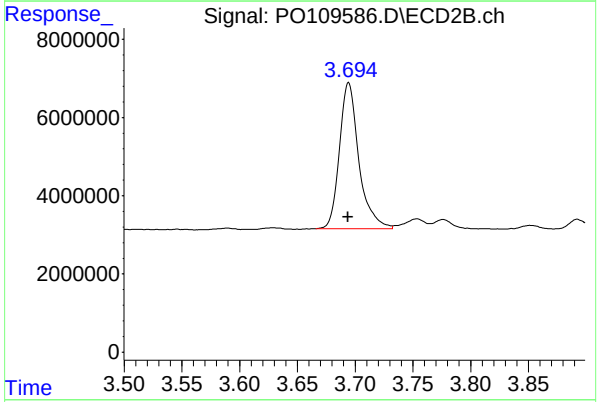




#1 Tetrachloro-m-xylene

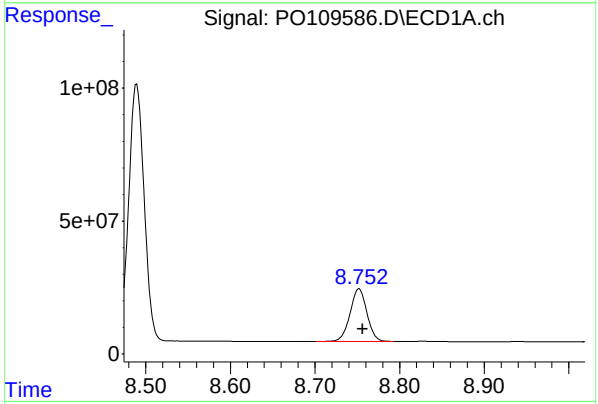
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 75213483
Conc: 7.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL



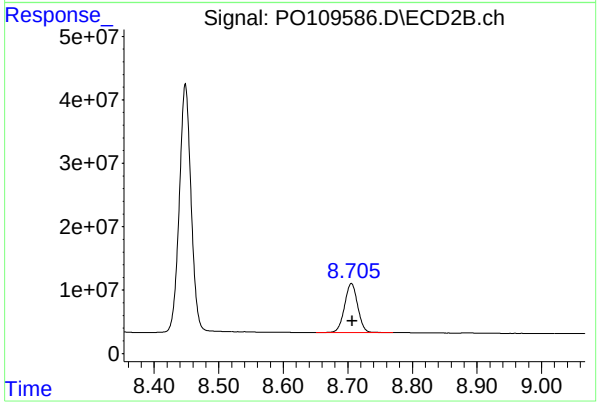
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 43842358
Conc: 8.38 ng/ml



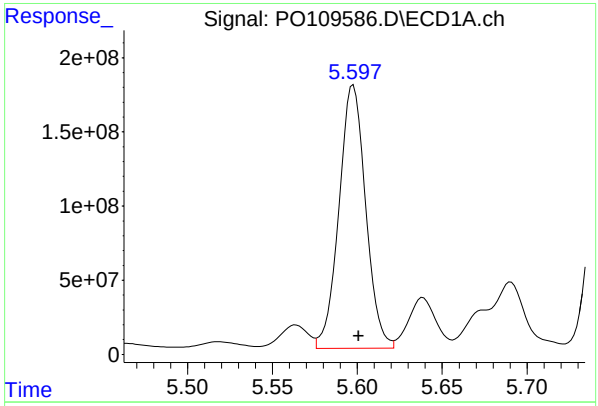
#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 274043282
Conc: 31.86 ng/ml



#2 Decachlorobiphenyl

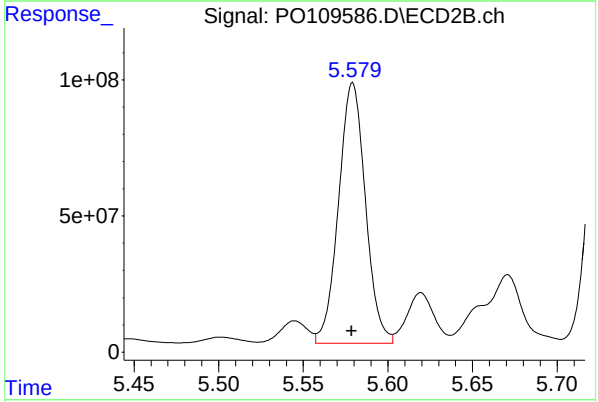
R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 110212788
Conc: 34.61 ng/ml



#26 AR-1254-1

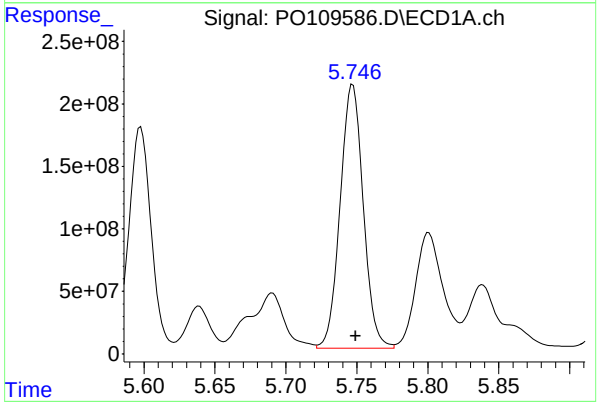
R.T.: 5.598 min
Delta R.T.: -0.003 mi
Response: 1946418382
Conc: 3775.01 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL



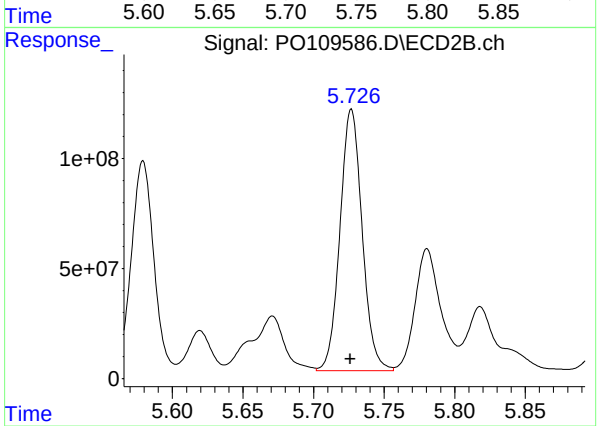
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 1057696903
Conc: 4044.14 ng/ml



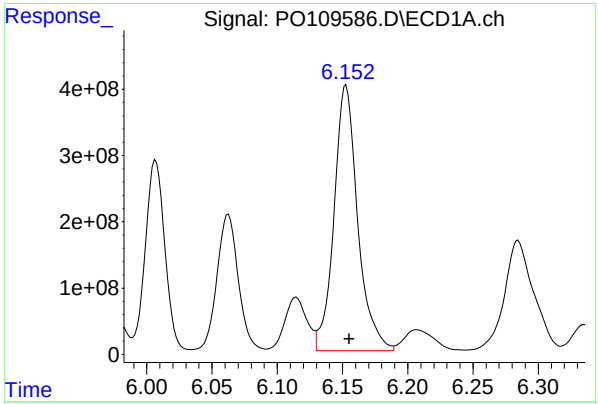
#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: -0.002 min
Response: 2391617116
Conc: 5310.28 ng/ml



#27 AR-1254-2

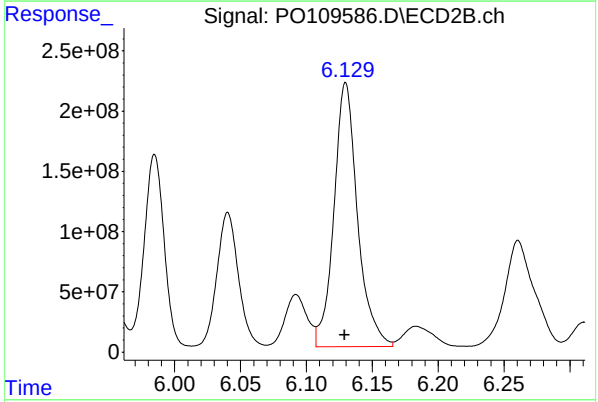
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 1298422988
Conc: 5535.53 ng/ml



#28 AR-1254-3

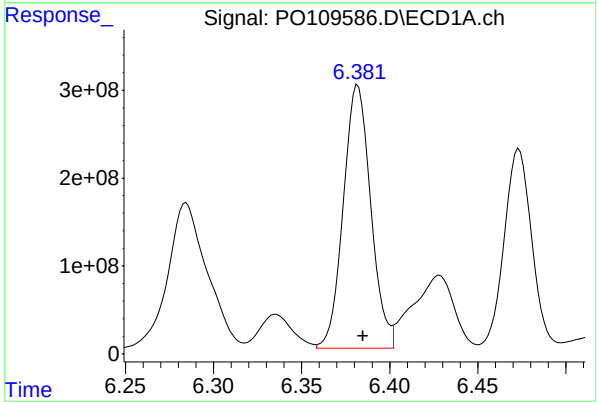
R.T.: 6.153 min
Delta R.T.: -0.002 mi
Response: 5053224015
Conc: 7058.02 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL



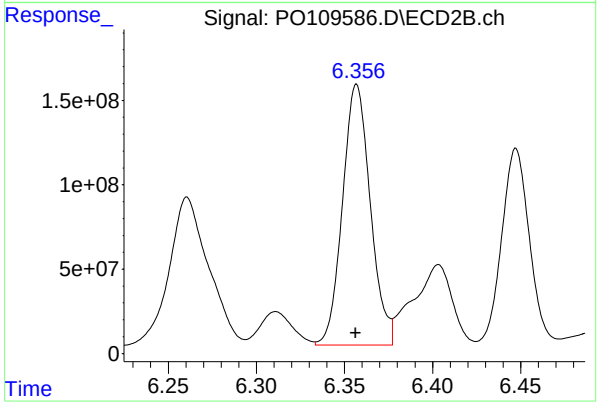
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 2735565694
Conc: 7669.00 ng/ml



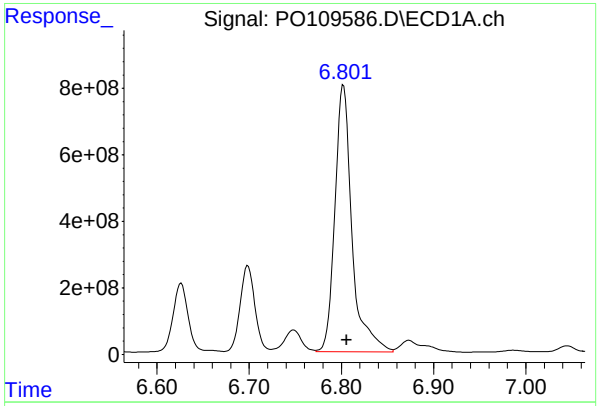
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 3255861130
Conc: 7774.42 ng/ml



#29 AR-1254-4

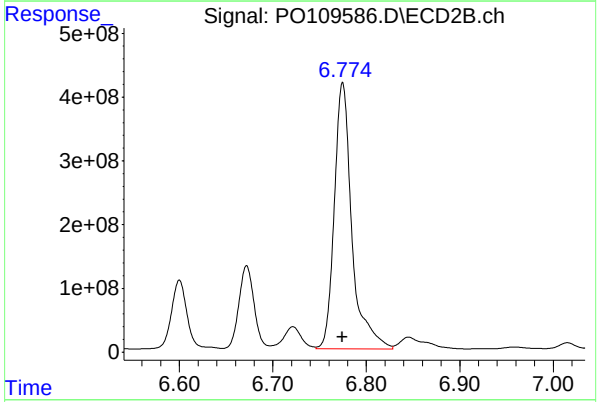
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 1700709179
Conc: 8806.33 ng/ml



#30 AR-1254-5

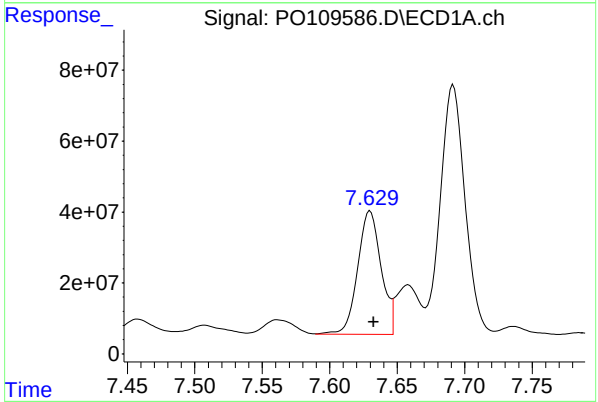
R.T.: 6.802 min
Delta R.T.: -0.003 mi
Response: 10313989502
Conc: 16531.40 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL



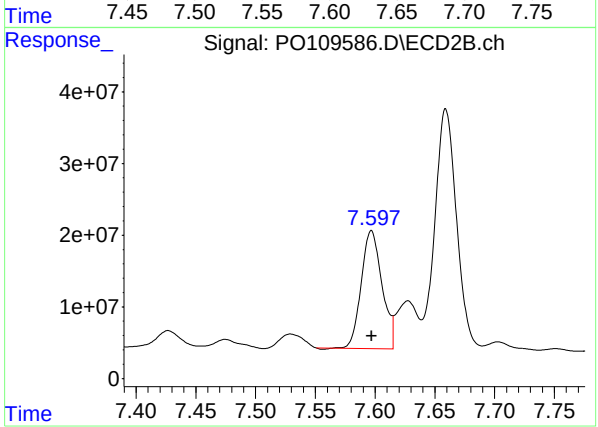
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 5463323500
Conc: 18411.63 ng/ml



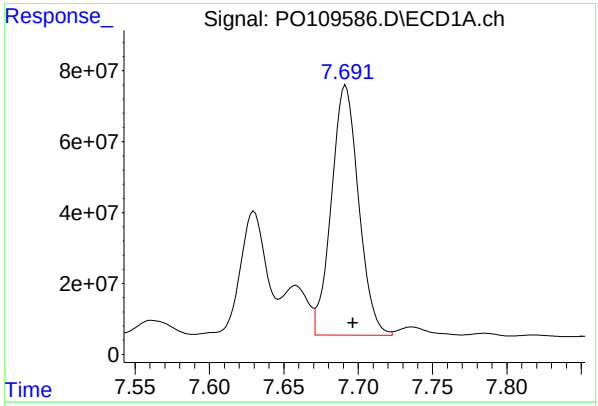
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 421021463
Conc: 317.94 ng/ml



#41 AR-1268-1

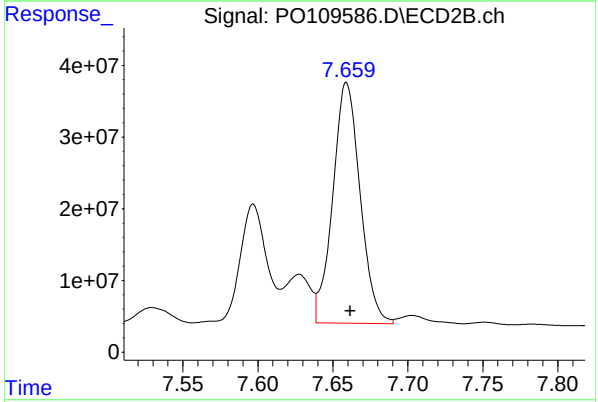
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 198823261
Conc: 347.95 ng/ml



#42 AR-1268-2

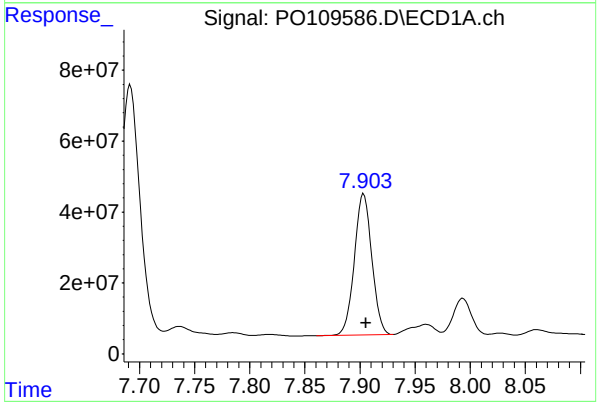
R.T.: 7.692 min
Delta R.T.: -0.005 min
Response: 898918413
Conc: 743.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL



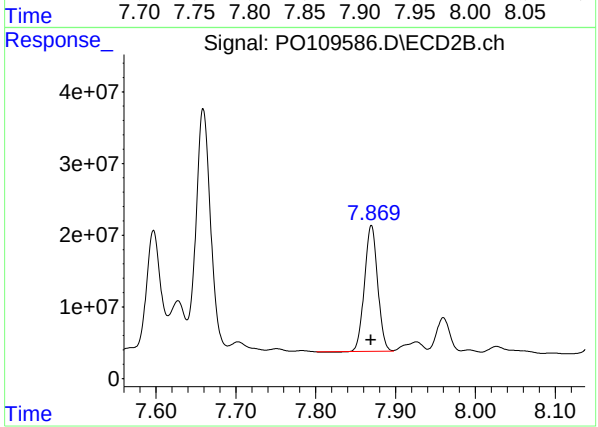
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 425733208
Conc: 811.01 ng/ml



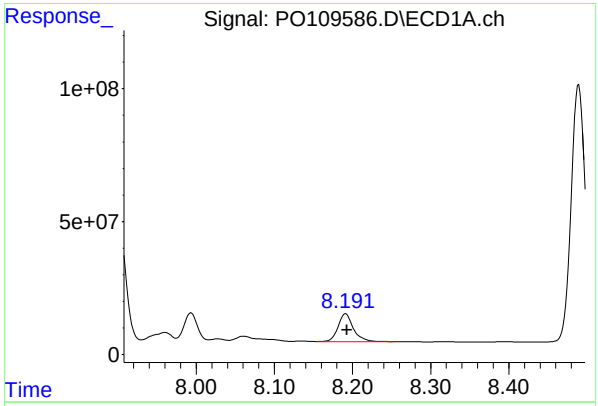
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: -0.002 min
Response: 437318163
Conc: 429.51 ng/ml



#43 AR-1268-3

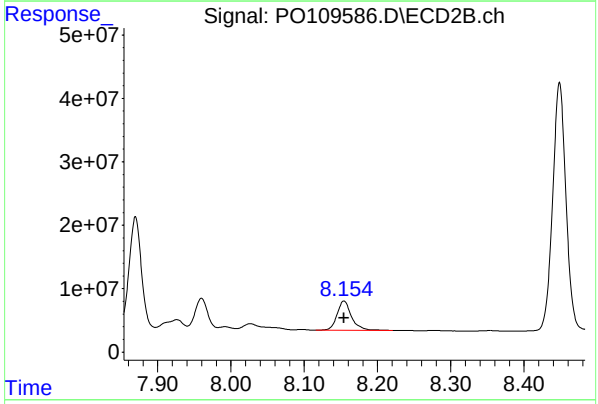
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 200503062
Conc: 468.42 ng/ml



#44 AR-1268-4

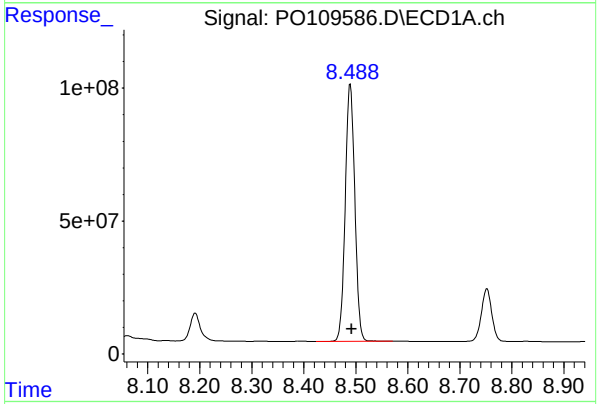
R.T.: 8.191 min
Delta R.T.: -0.002 min
Response: 145681440
Conc: 342.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL



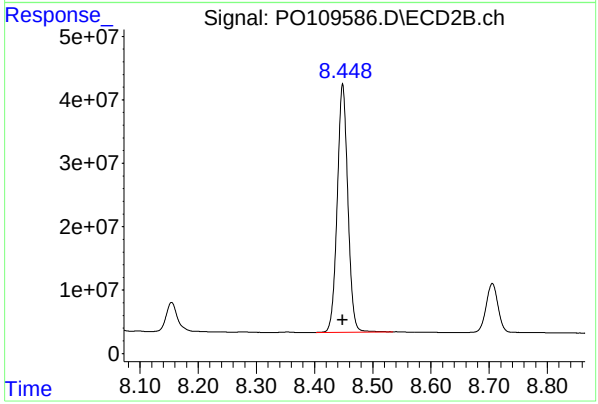
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 62865076
Conc: 389.66 ng/ml



#45 AR-1268-5

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 1237241342
Conc: 409.73 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 495518684
Conc: 453.30 ng/ml

Raw Data: **PO109587.D**

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

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-DUP3DL2	SDG No.:	Q1438
Lab Sample ID:	Q1438-08DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.4 Decanted:
Sample Wt/Vol:	30.08 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
PO109587.D	30	02/27/25 09:56	02/28/25 13:22	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	120	UD	120	603	ug/kg
11104-28-2	Aroclor-1221	227	UD	227	603	ug/kg
11141-16-5	Aroclor-1232	121	UD	121	603	ug/kg
53469-21-9	Aroclor-1242	120	UD	120	603	ug/kg
12672-29-6	Aroclor-1248	280	UD	280	603	ug/kg
11097-69-1	Aroclor-1254	12000	D	96.8	603	ug/kg
37324-23-5	Aroclor-1262	162	UD	162	603	ug/kg
11100-14-4	Aroclor-1268	710	D	122	603	ug/kg
11096-82-5	Aroclor-1260	103	UD	103	603	ug/kg
Total PCBs	Total PCBs	12000	D	219	603	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	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 : PO109587.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 13:22
Operator : YP/AJ
Sample : Q1438-08DL2 30X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:15:58 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						
	Target Compounds						
26)	L6 AR-1254-1	5.599	5.579	238.2E6	128.5E6	462.000	491.276
27)	L6 AR-1254-2	5.748	5.727	290.9E6	156.7E6	646.013	667.942
28)	L6 AR-1254-3	6.155	6.130	574.9E6	304.3E6	802.999	853.185
29)	L6 AR-1254-4	6.384	6.357	377.2E6	191.2E6	900.764	989.836
30)	L6 AR-1254-5	6.804	6.775	1088.7E6	568.2E6	1745.012	1914.844
41)	L9 AR-1268-1	7.631	7.597	52621142	25099522	39.738	43.925
42)	L9 AR-1268-2	7.693	7.659	104.8E6	50122139	86.647	95.481
43)	L9 AR-1268-3	7.904	7.869	52219564	25116329	51.287	58.677
44)	L9 AR-1268-4	8.192	8.153	17419497	7626082	41.001	47.269
45)	L9 AR-1268-5	8.491	8.448	139.1E6	60054280	46.068	54.937

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

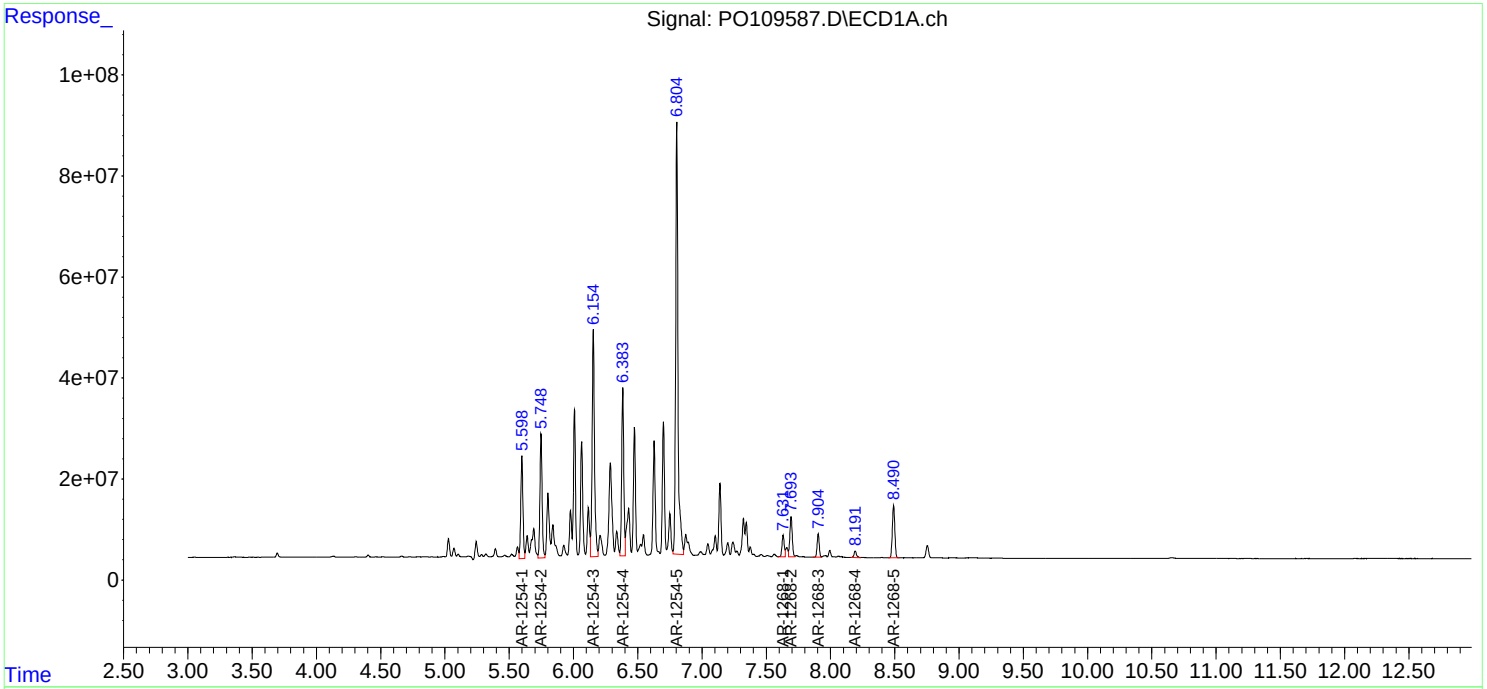
Sample Results: **PO109587.D**

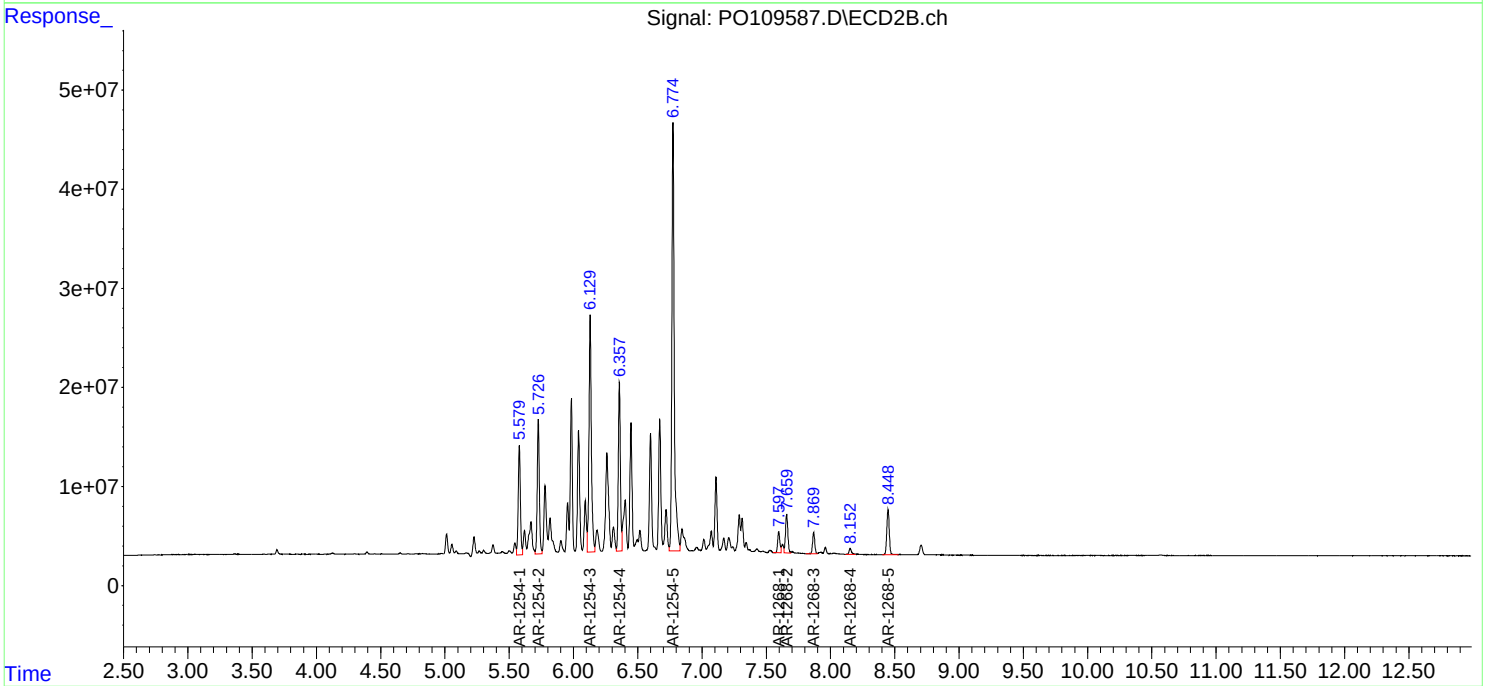
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109587.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 13:22
Operator : YP/AJ
Sample : Q1438-08DL2 30X
Misc :
ALS Vial : 13 Sample Multiplier: 1

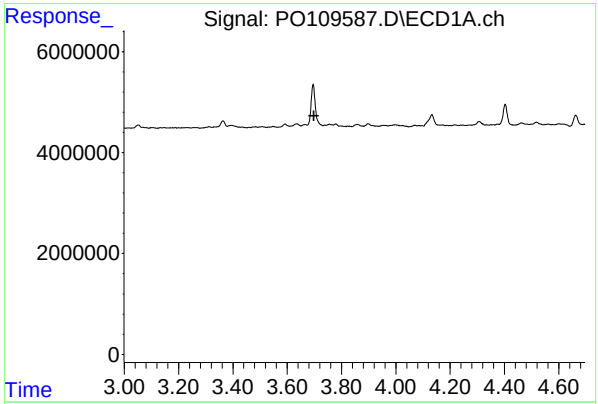
Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:15:58 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



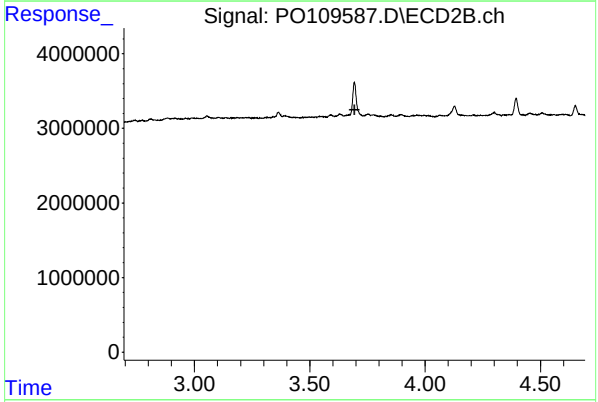




#1 Tetrachloro-m-xylene

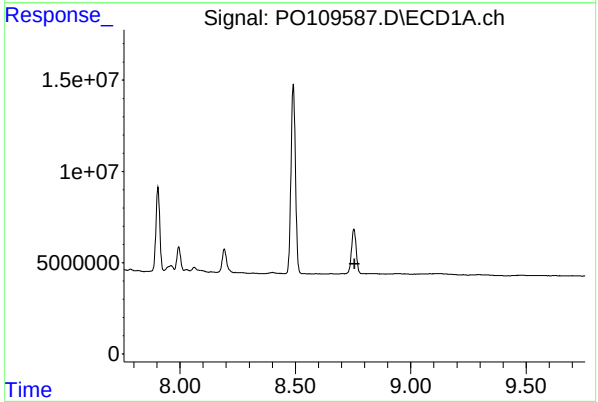
R.T.: 0.000 min
Exp R.T. : 3.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL2



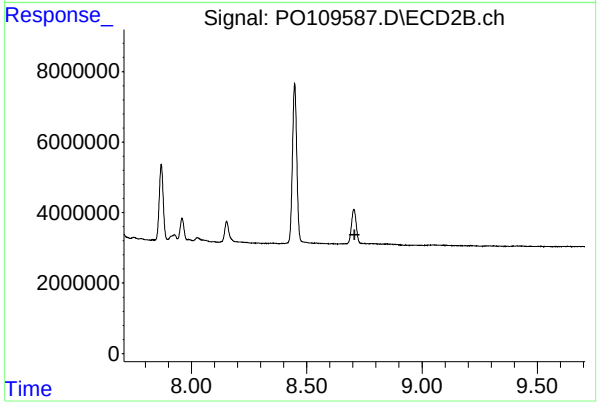
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.694 min
Response: 0
Conc: N.D.



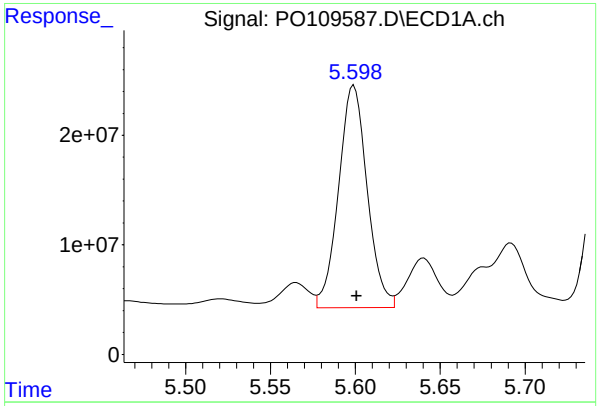
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.757 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

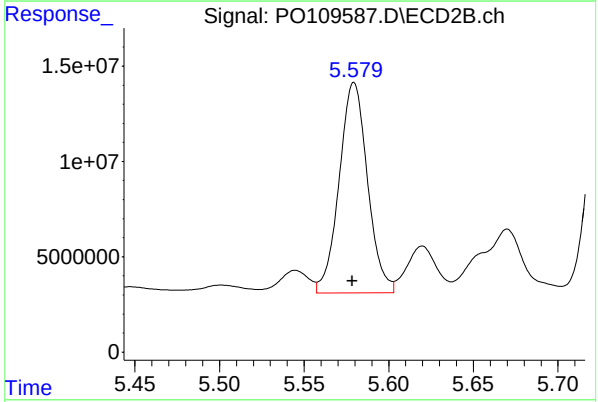
R.T.: 0.000 min
Exp R.T. : 8.707 min
Response: 0
Conc: N.D.



#26 AR-1254-1

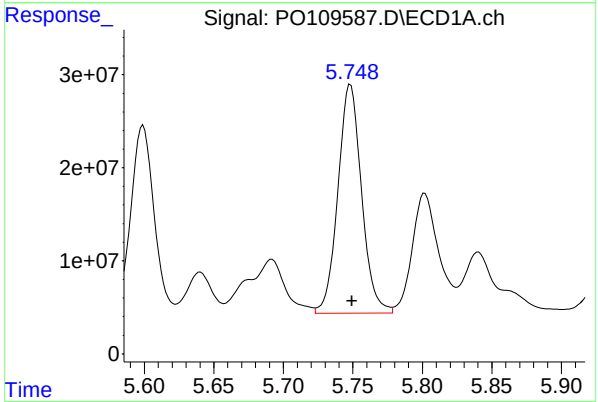
R.T.: 5.599 min
Delta R.T.: -0.002 mi
Response: 238210223
Conc: 462.00 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL2



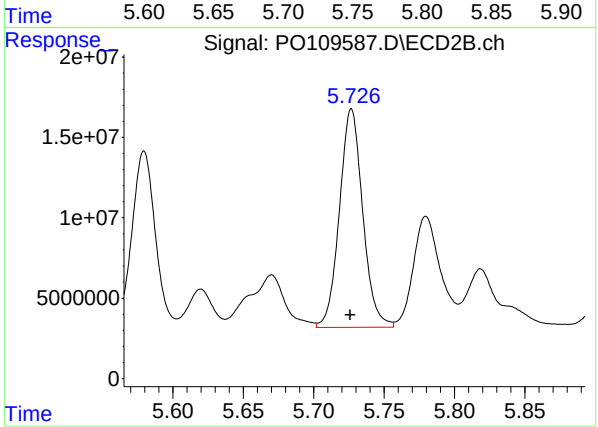
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 128487551
Conc: 491.28 ng/ml



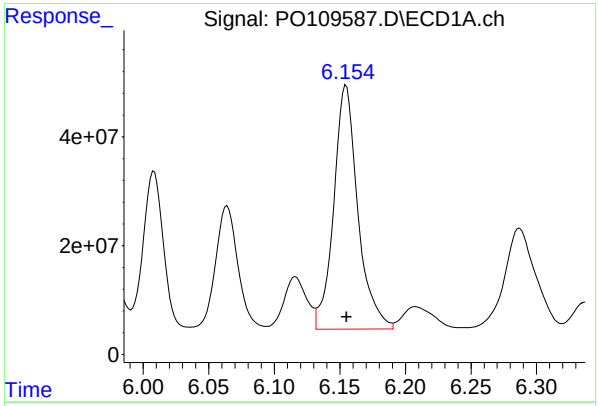
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 290947906
Conc: 646.01 ng/ml



#27 AR-1254-2

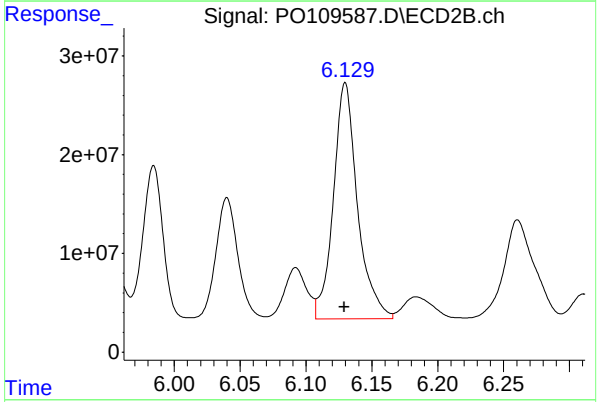
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 156673443
Conc: 667.94 ng/ml



#28 AR-1254-3

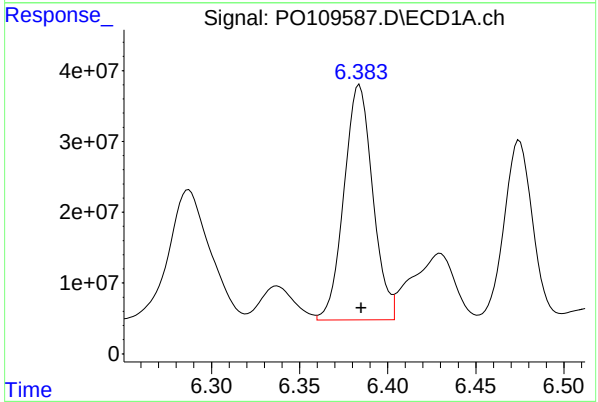
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 574911653
Conc: 803.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL2



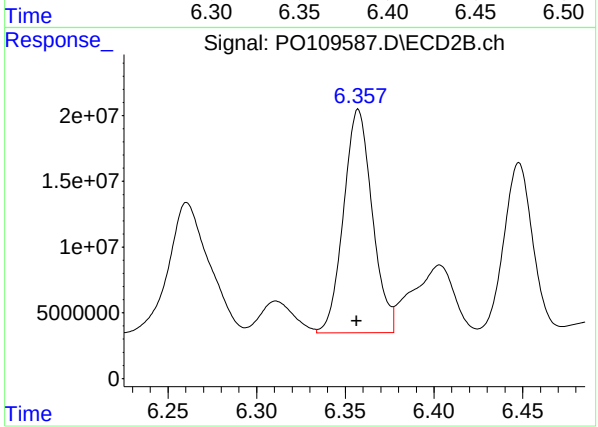
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 304334815
Conc: 853.18 ng/ml



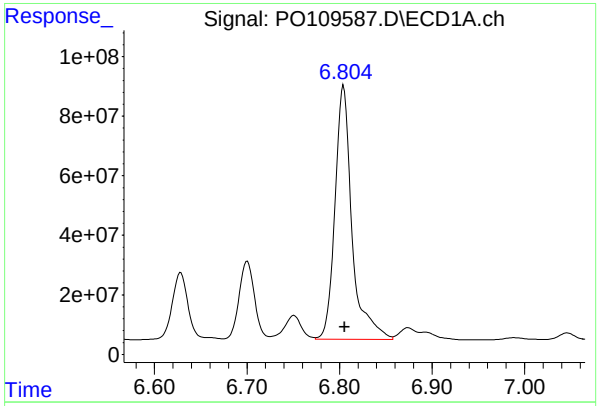
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 377232384
Conc: 900.76 ng/ml



#29 AR-1254-4

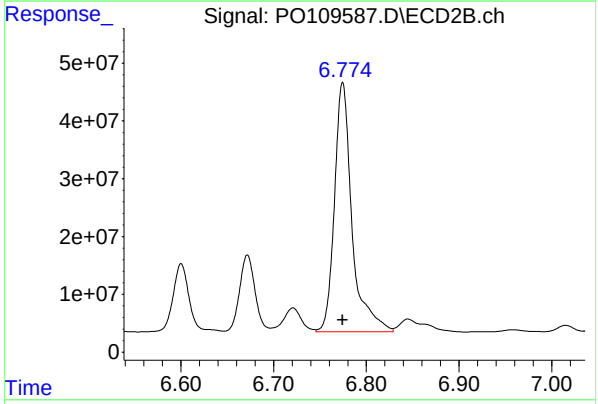
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 191160572
Conc: 989.84 ng/ml



#30 AR-1254-5

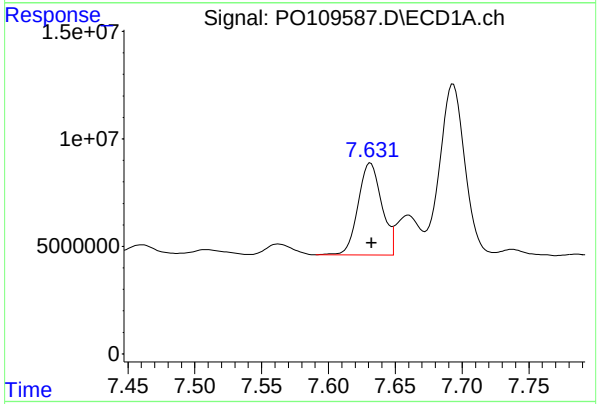
R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 1088718183
Conc: 1745.01 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL2



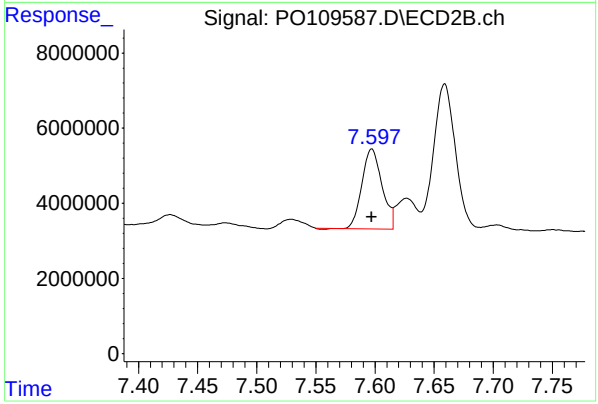
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 568195856
Conc: 1914.84 ng/ml



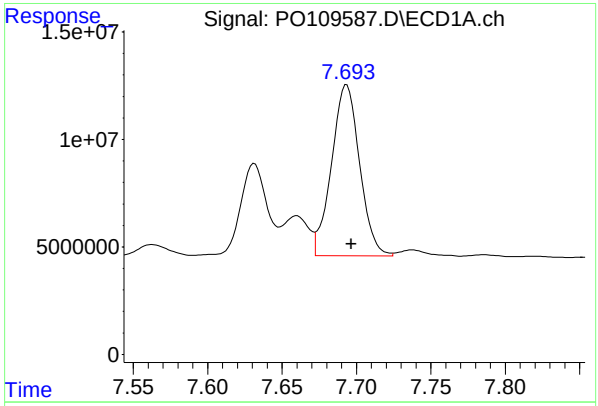
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 52621142
Conc: 39.74 ng/ml



#41 AR-1268-1

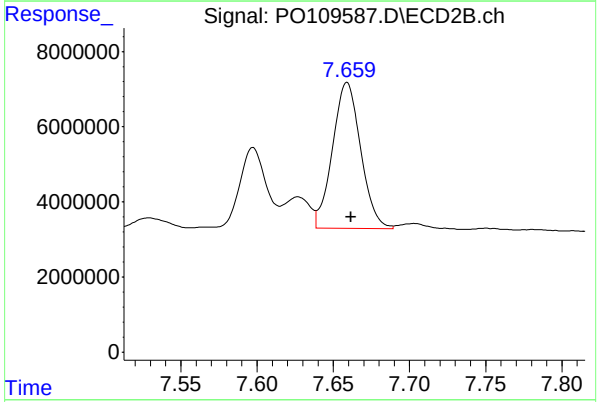
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 25099522
Conc: 43.93 ng/ml



#42 AR-1268-2

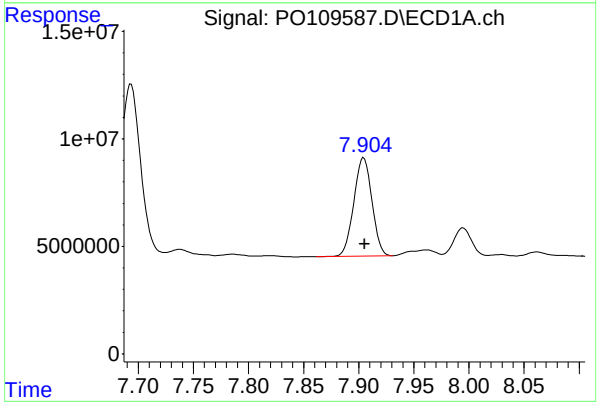
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 104765121
Conc: 86.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL2



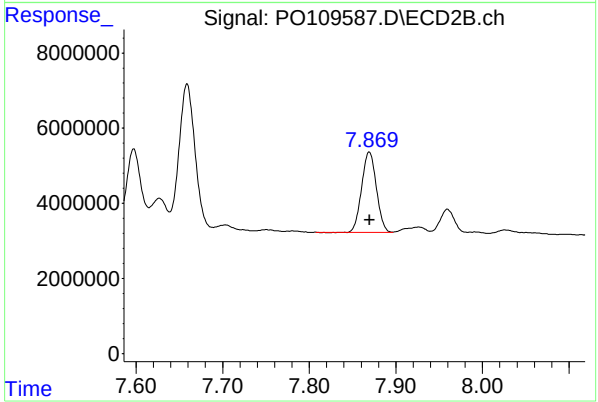
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 50122139
Conc: 95.48 ng/ml



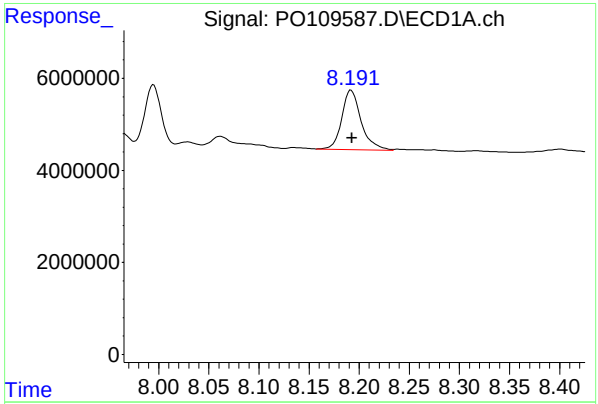
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 52219564
Conc: 51.29 ng/ml



#43 AR-1268-3

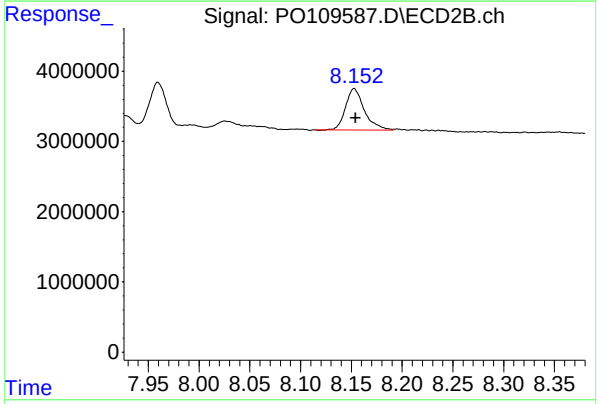
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 25116329
Conc: 58.68 ng/ml



#44 AR-1268-4

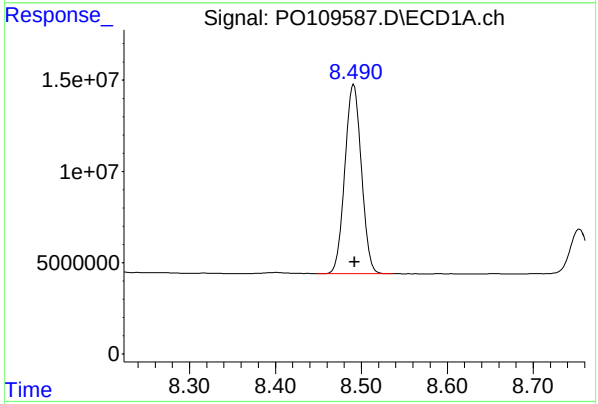
R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 17419497
Conc: 41.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP3DL2



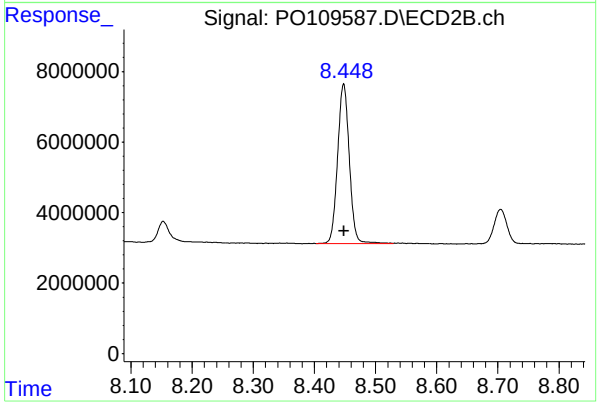
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 7626082
Conc: 47.27 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 139109987
Conc: 46.07 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 60054280
Conc: 54.94 ng/ml

Raw Data: **PP070365.D**

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

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-DUP4	SDG No.:	Q1438
Lab Sample ID:	Q1438-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	65.3 Decanted:
Sample Wt/Vol:	30.08 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
PP070365.D	1	03/07/25 08:25	03/07/25 17:23	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.20	U	5.20	26.0	ug/kg
11104-28-2	Aroclor-1221	9.80	U	9.80	26.0	ug/kg
11141-16-5	Aroclor-1232	5.20	U	5.20	26.0	ug/kg
53469-21-9	Aroclor-1242	5.20	U	5.20	26.0	ug/kg
12672-29-6	Aroclor-1248	12.1	U	12.1	26.0	ug/kg
11097-69-1	Aroclor-1254	75.3		4.20	26.0	ug/kg
37324-23-5	Aroclor-1262	7.00	U	7.00	26.0	ug/kg
11100-14-4	Aroclor-1268	5.20	U	5.20	26.0	ug/kg
11096-82-5	Aroclor-1260	4.40	U	4.40	26.0	ug/kg
Total PCBs	Total PCBs	75.3		4.20	26.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.0		32 - 144	135%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.2		32 - 175	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

Sample Results: **PP070365.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 17:23
Operator : YP\AJ
Sample : Q1438-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K084-DUP4

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 00:17:55 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	39628692	25088902	27.002	26.243
2)	SA Decachlor...	10.254	8.883	27081964	27275640	23.776	25.160
	Target Compounds						
26)	L6 AR-1254-1	6.528	5.723	3597515	3364911	63.448	61.663
27)	L6 AR-1254-2	6.744	5.873	6883100	4697238	78.498	96.362
28)	L6 AR-1254-3	7.108	6.276	9692798	8447562	108.753	111.421
29)	L6 AR-1254-4	7.390	6.505	7772344	6182709	104.311	120.146m
30)	L6 AR-1254-5	7.822	6.923	25836072	21656173	384.681	320.503

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

Sample Results: **PP070365.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 17:23
Operator : YP\AJ
Sample : Q1438-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

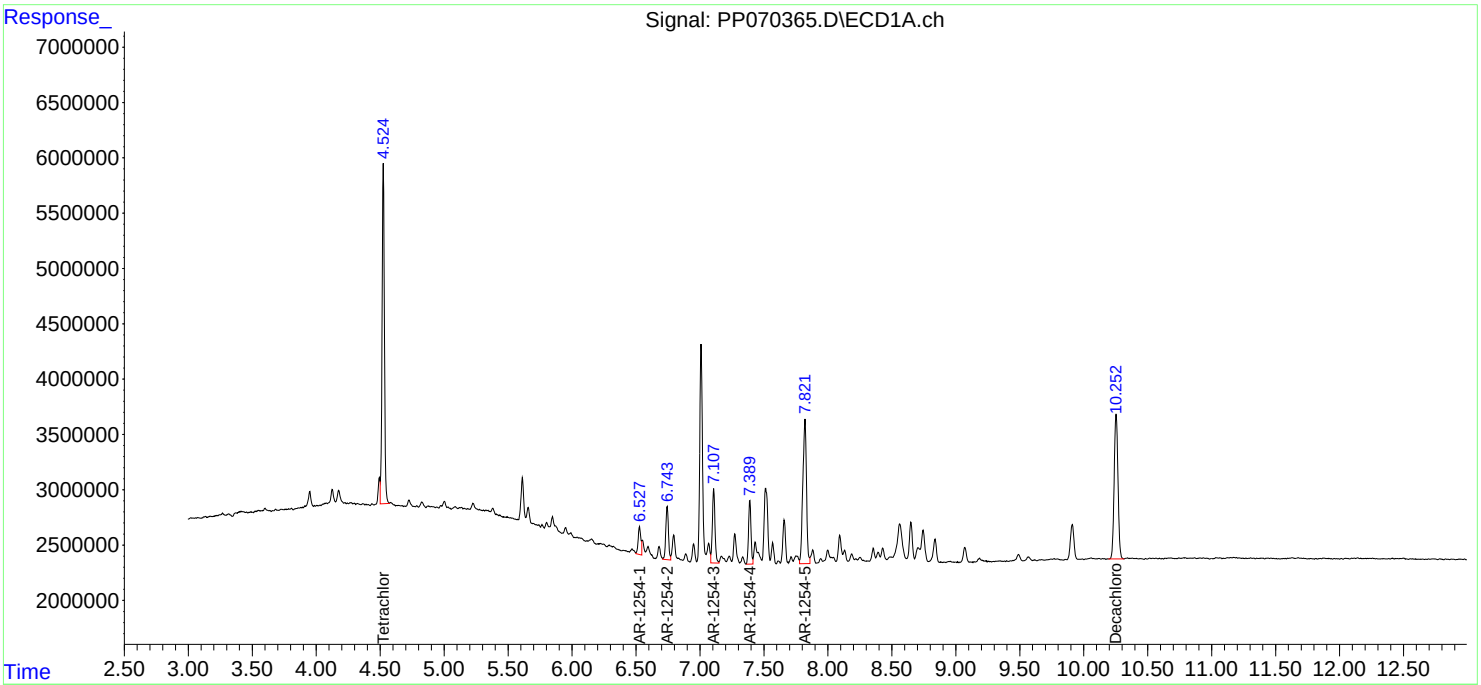
Instrument :
ECD_P
ClientSampleId :
K084-DUP4

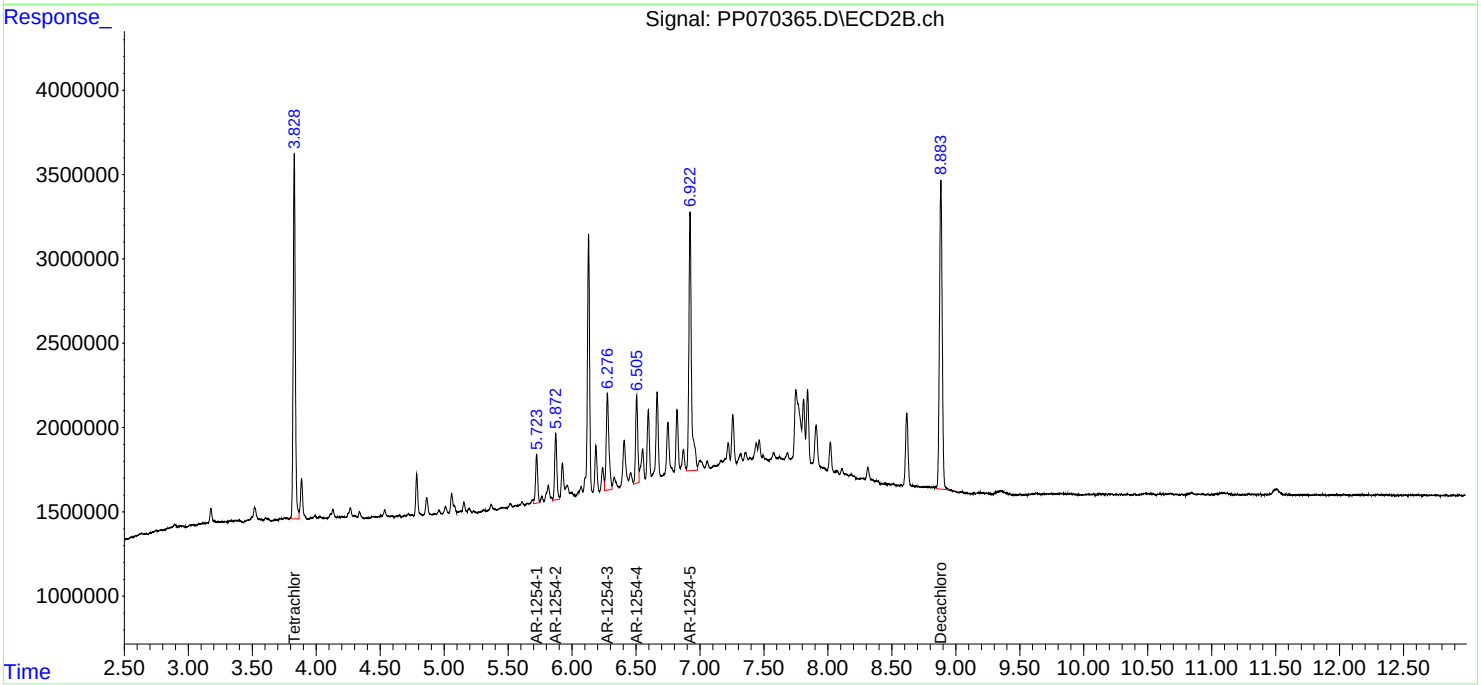
Manual Integrations APPROVED

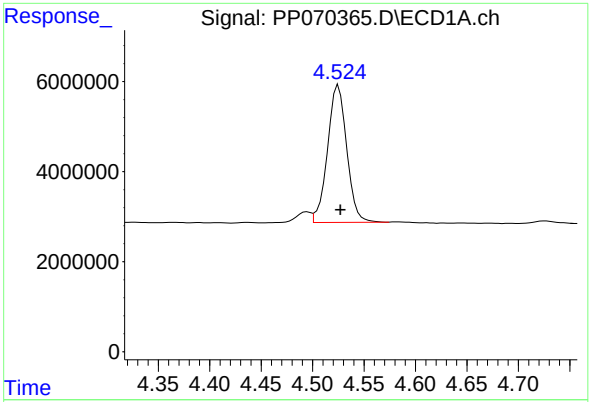
Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:17:55 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







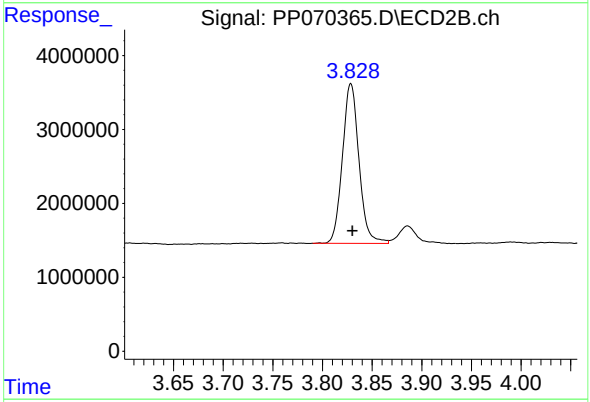
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 39628692
Conc: 27.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-DUP4

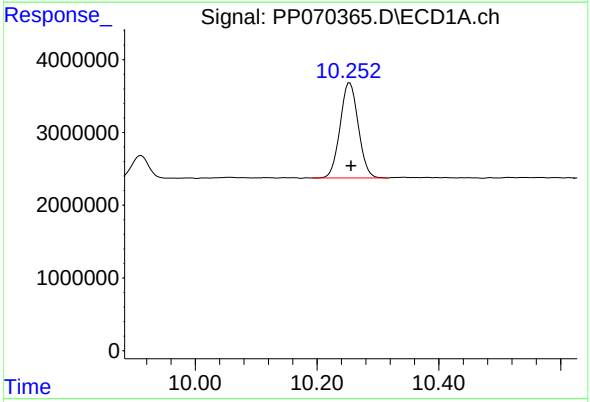
Manual Integrations APPROVED

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



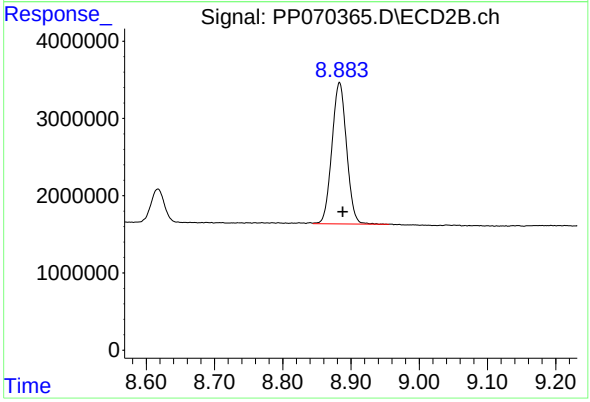
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 25088902
Conc: 26.24 ng/ml



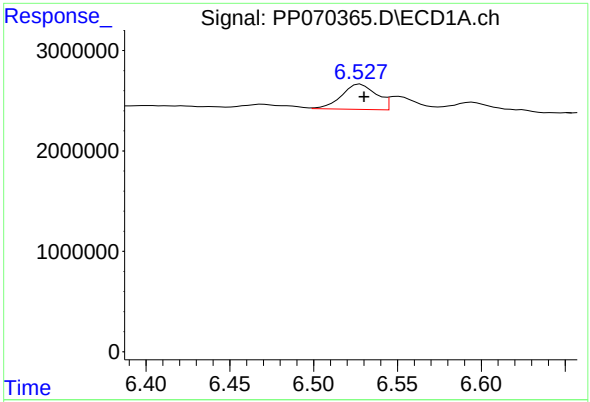
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 27081964
Conc: 23.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 27275640
Conc: 25.16 ng/ml



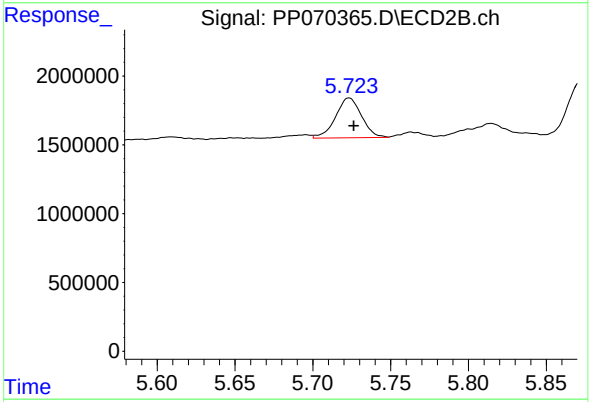
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 3597515
Conc: 63.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-DUP4

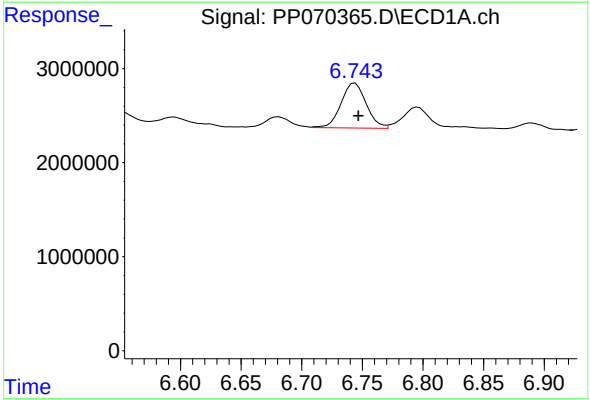
Manual Integrations APPROVED

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



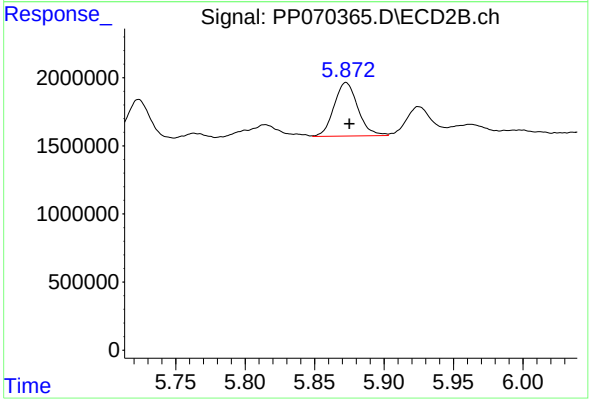
#26 AR-1254-1

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 3364911
Conc: 61.66 ng/ml



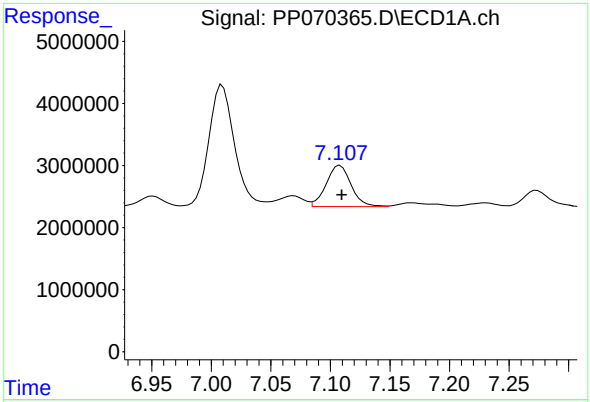
#27 AR-1254-2

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 6883100
Conc: 78.50 ng/ml



#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 4697238
Conc: 96.36 ng/ml



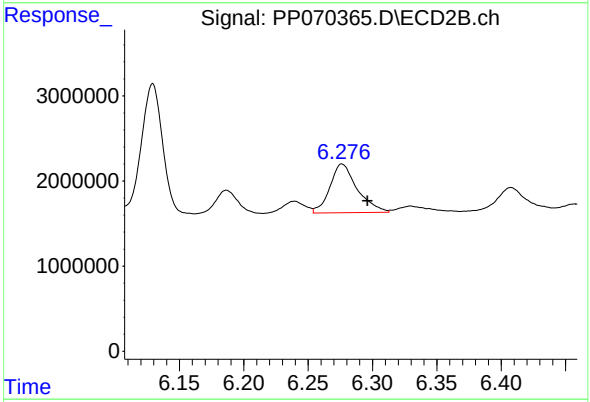
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.001 min
Response: 9692798
Conc: 108.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-DUP4

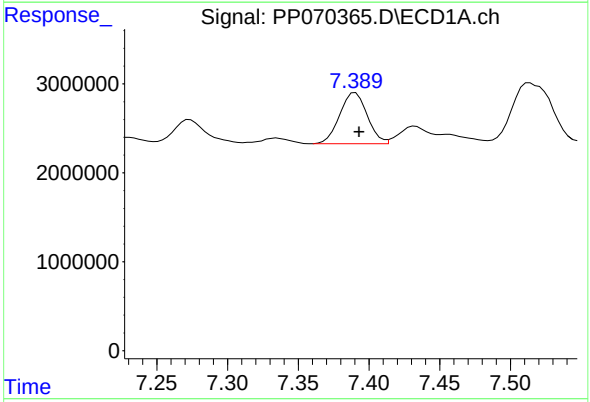
Manual Integrations
APPROVED

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



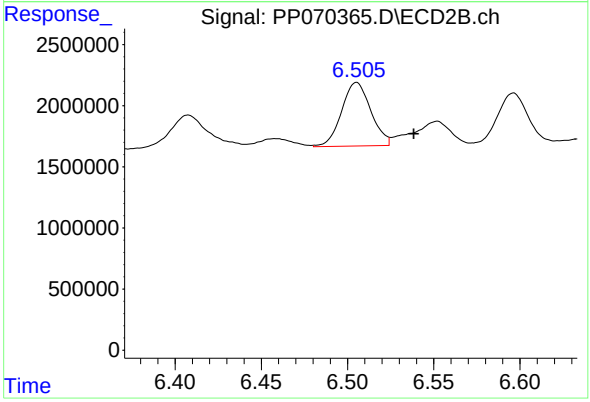
#28 AR-1254-3

R.T.: 6.276 min
Delta R.T.: -0.020 min
Response: 8447562
Conc: 111.42 ng/ml



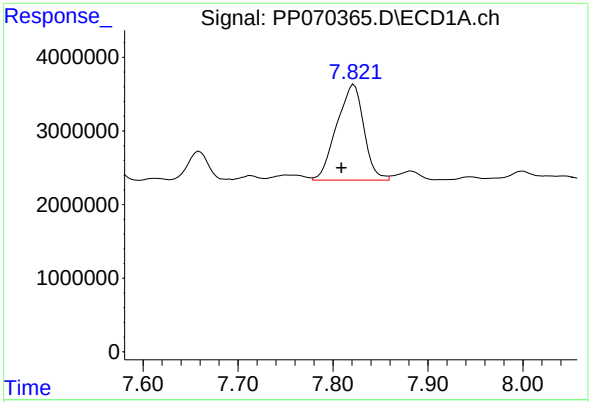
#29 AR-1254-4

R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 7772344
Conc: 104.31 ng/ml



#29 AR-1254-4

R.T.: 6.505 min
Delta R.T.: -0.033 min
Response: 6182709
Conc: 120.15 ng/ml m



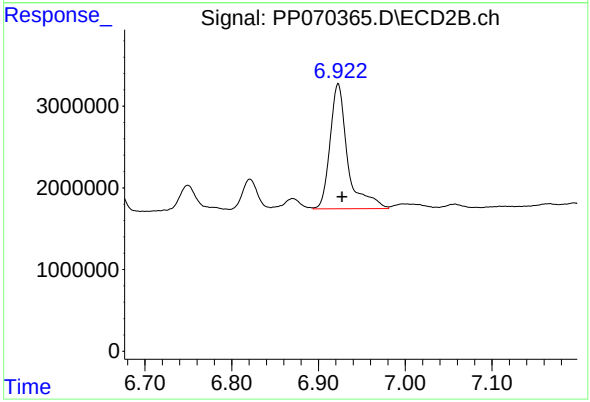
#30 AR-1254-5

R.T.: 7.822 min
Delta R.T.: 0.013 min
Response: 25836072
Conc: 384.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-DUP4

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: 21656173
Conc: 320.50 ng/ml

Raw Data: **PO109531.D**

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

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-DUP5	SDG No.:	Q1438
Lab Sample ID:	Q1438-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.8 Decanted:
Sample Wt/Vol:	30.06 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
PO109531.D	1	02/27/25 09:56	02/27/25 15:25	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	21.3	ug/kg
11104-28-2	Aroclor-1221	8.00	U	8.00	21.3	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	21.3	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	21.3	ug/kg
12672-29-6	Aroclor-1248	9.90	U	9.90	21.3	ug/kg
11097-69-1	Aroclor-1254	2500	E	3.40	21.3	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	21.3	ug/kg
11100-14-4	Aroclor-1268	1600	E	4.30	21.3	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	21.3	ug/kg
Total PCBs	Total PCBs	4200	E	7.70	21.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.1		32 - 144	126%	SPK: 20
2051-24-3	Decachlorobiphenyl	198	*	32 - 175	991%	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 : PO109531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 15:25
Operator : YP/AJ
Sample : Q1438-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 16:05:56 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...	3.697	3.694	222.3E6	131.6E6	23.489	25.146
2)	SA Decachlor...	8.756	8.706	1561.1E6	631.1E6	181.485	198.179
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.579	1070.7E6	604.9E6	2076.575	2312.983
27)	L6 AR-1254-2	5.750	5.727	1500.6E6	844.6E6	3331.784	3600.949
28)	L6 AR-1254-3	6.156	6.130	2942.7E6	1669.6E6	4110.169	4680.710
29)	L6 AR-1254-4	6.385	6.357	1884.1E6	1033.5E6	4498.810	5351.460
30)	L6 AR-1254-5	6.805	6.775	7562.9E6	4207.6E6	12121.992	14179.833
41)	L9 AR-1268-1	7.633	7.598	5231.1E6	2466.7E6	3950.354	4316.928
42)	L9 AR-1268-2	7.697	7.662	3382.8E6	1598.5E6	2797.783	3045.065
43)	L9 AR-1268-3	7.906	7.870	4860.1E6	2201.4E6	4773.350	5143.037
44)	L9 AR-1268-4	8.194	8.155	659.7E6	288.0E6	1552.639	1785.055
45)	L9 AR-1268-5	8.496	8.449	12794.9E6	5930.2E6	4237.220	5424.872 #

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

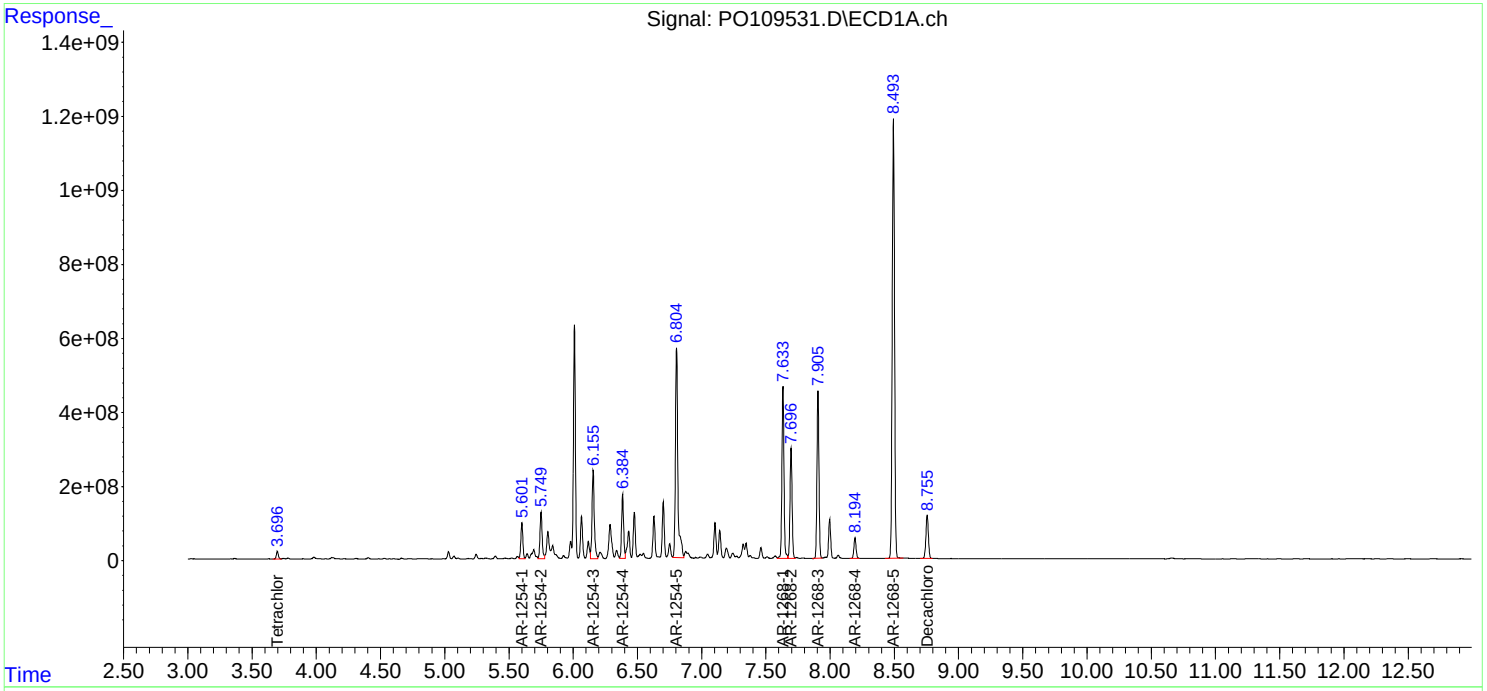
Sample Results: **PO109531.D**

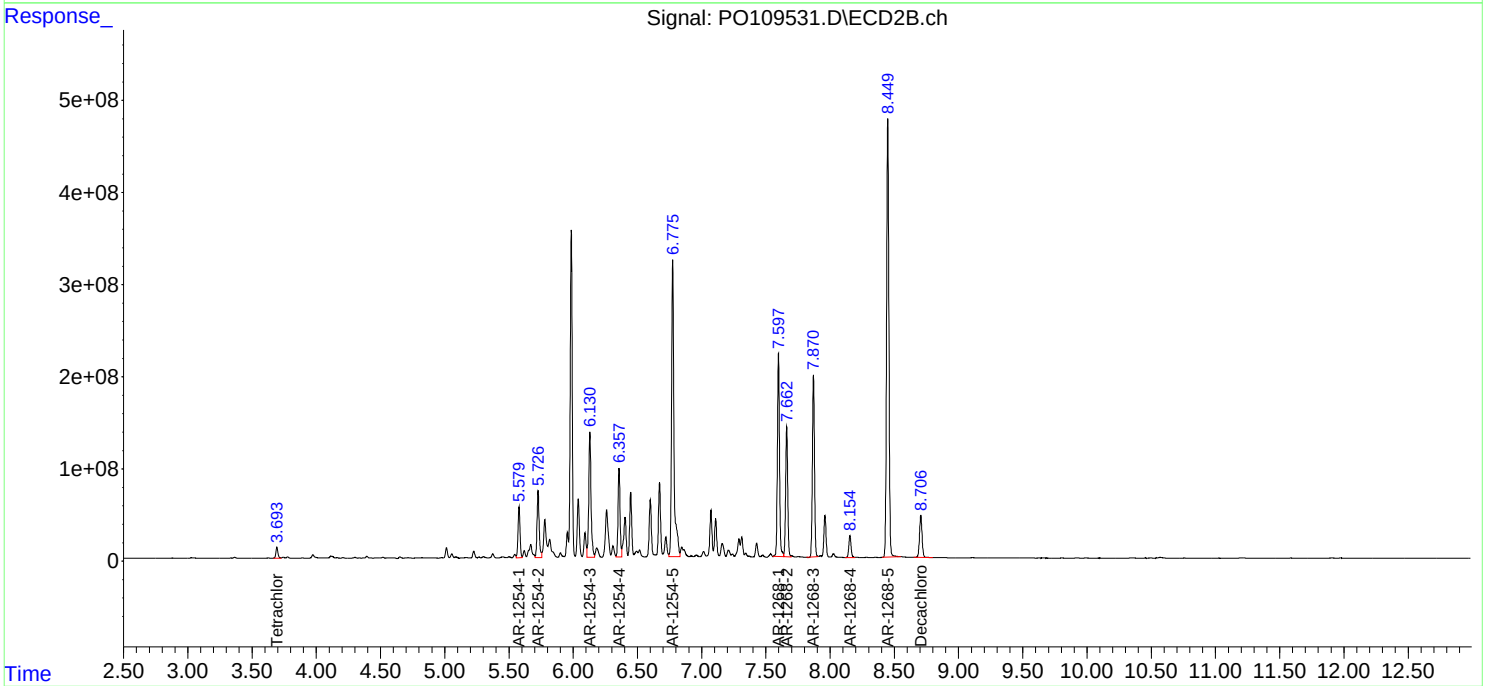
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 15:25
Operator : YP/AJ
Sample : Q1438-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

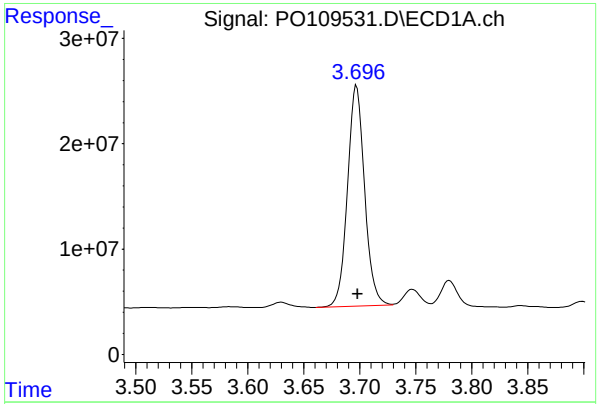
Instrument :
ECD_O
ClientSampleId :
K084-DUP5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 16:05:56 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



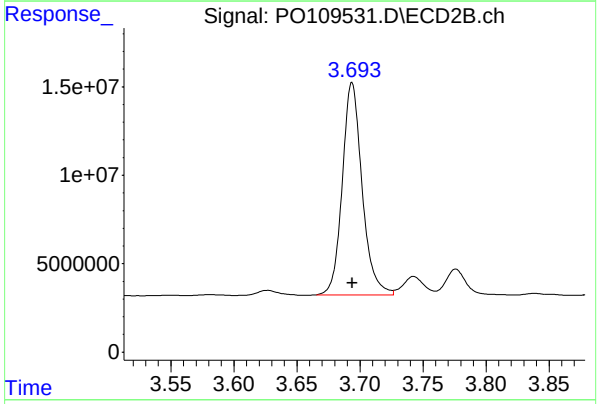




#1 Tetrachloro-m-xylene

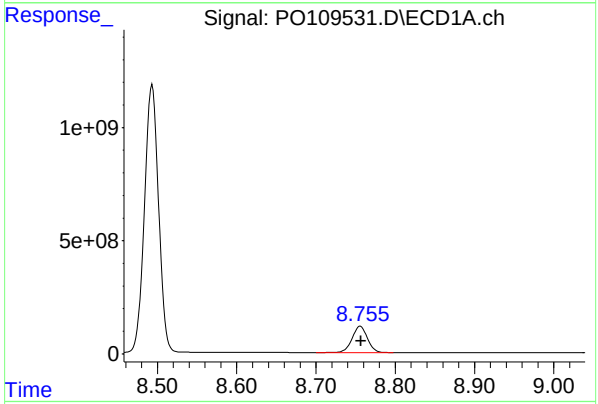
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 222325777
Conc: 23.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP5



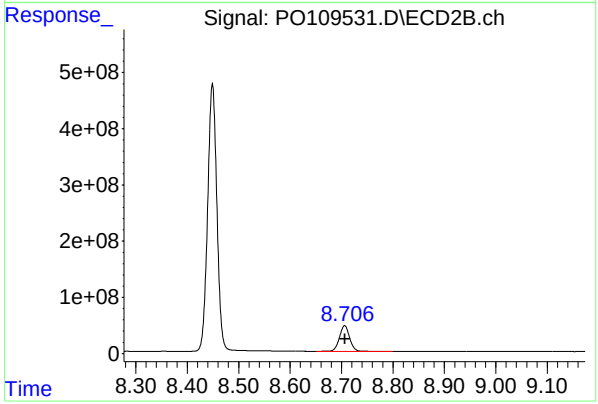
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 131617774
Conc: 25.15 ng/ml



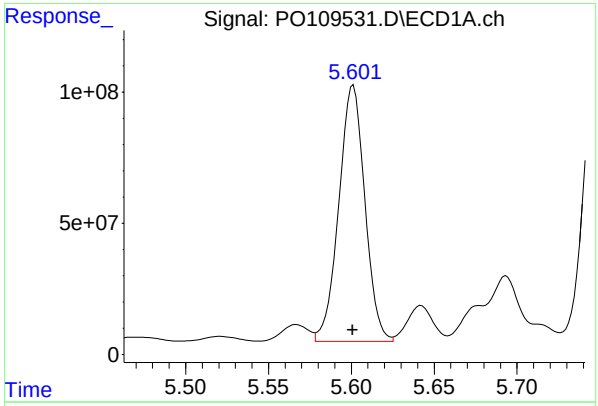
#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 1561108978
Conc: 181.49 ng/ml



#2 Decachlorobiphenyl

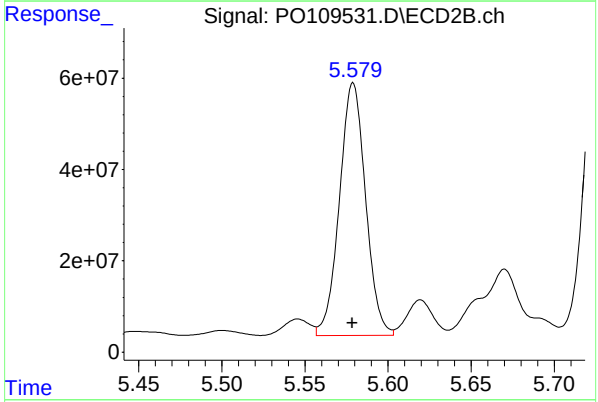
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 631053222
Conc: 198.18 ng/ml



#26 AR-1254-1

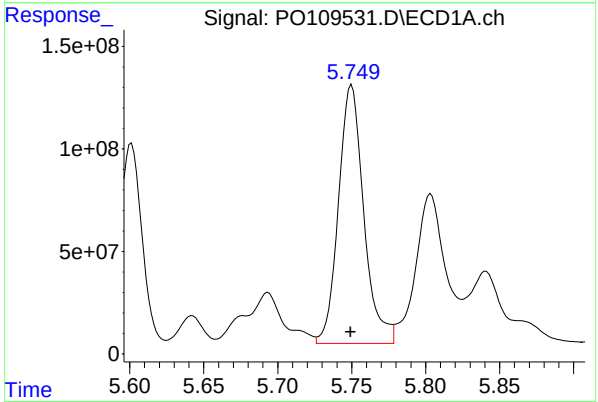
R.T.: 5.601 min
Delta R.T.: 0.000 mi
Response: 1070696112
Conc: 2076.58 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP5



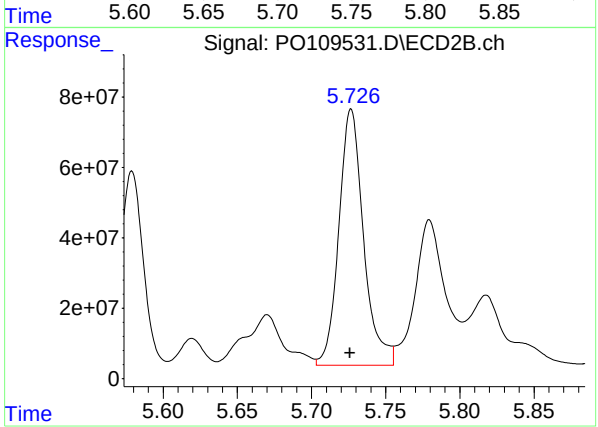
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 604933683
Conc: 2312.98 ng/ml



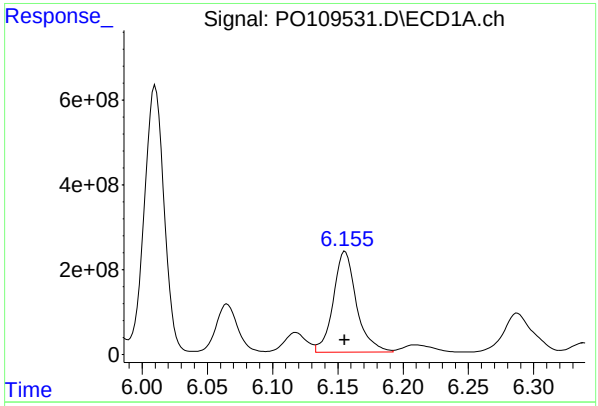
#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 1500550758
Conc: 3331.78 ng/ml



#27 AR-1254-2

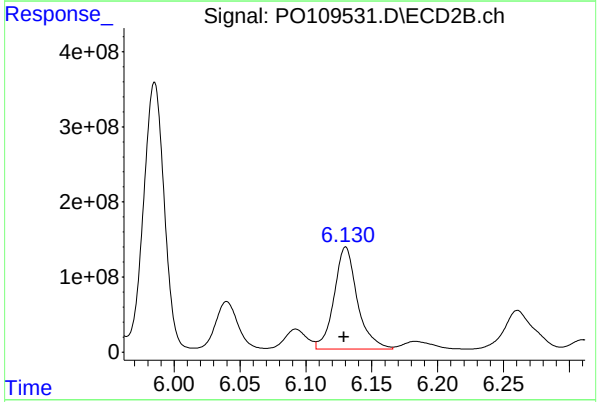
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 844643896
Conc: 3600.95 ng/ml



#28 AR-1254-3

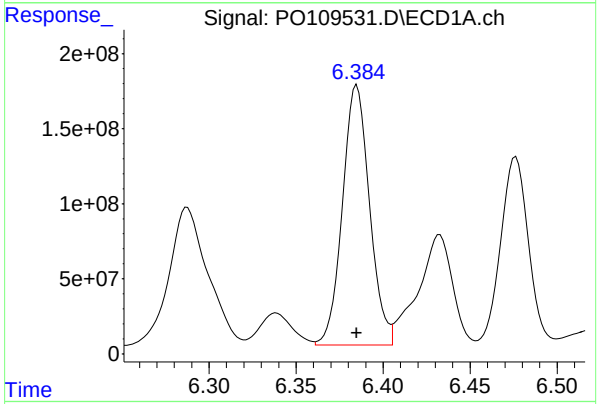
R.T.: 6.156 min
Delta R.T.: 0.000 mi
Response: 2942697889
Conc: 4110.17 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP5



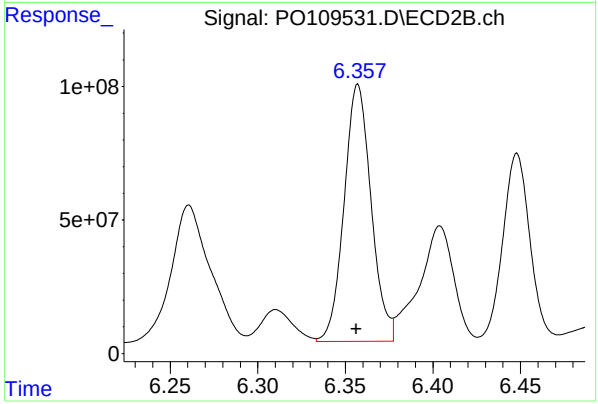
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 1669630746
Conc: 4680.71 ng/ml



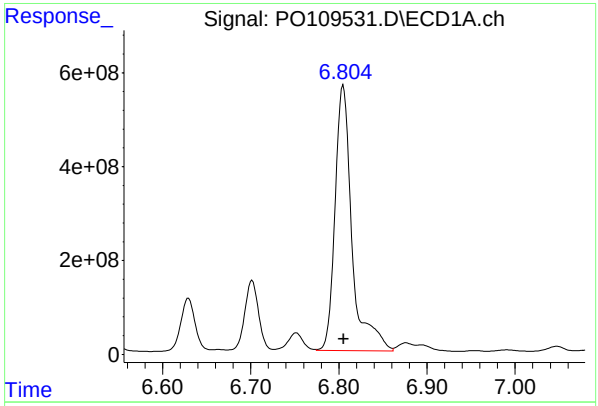
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 1884063311
Conc: 4498.81 ng/ml



#29 AR-1254-4

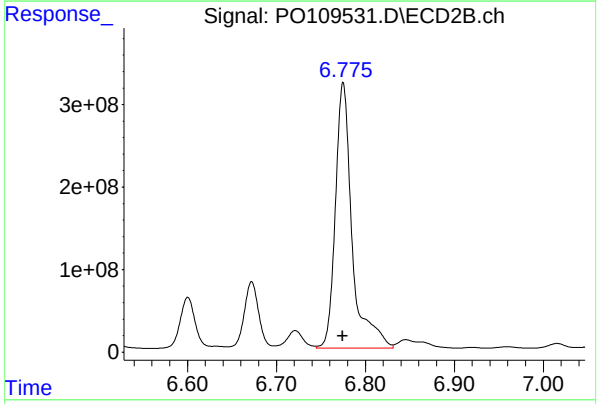
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 1033492264
Conc: 5351.46 ng/ml



#30 AR-1254-5

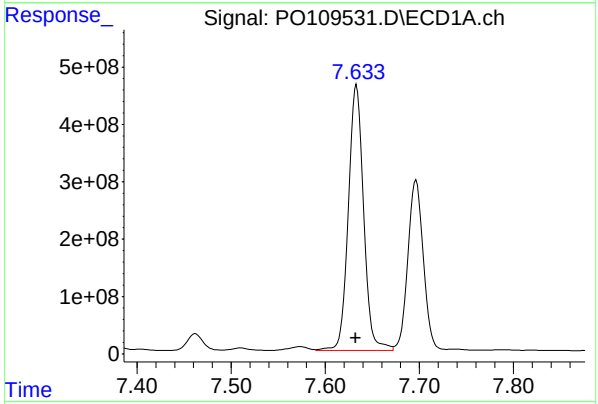
R.T.: 6.805 min
Delta R.T.: 0.000 mi
Response: 7562946536
Conc: 12121.99 ng/

Instrument :
ECD_O
ClientSampleId :
K084-DUP5



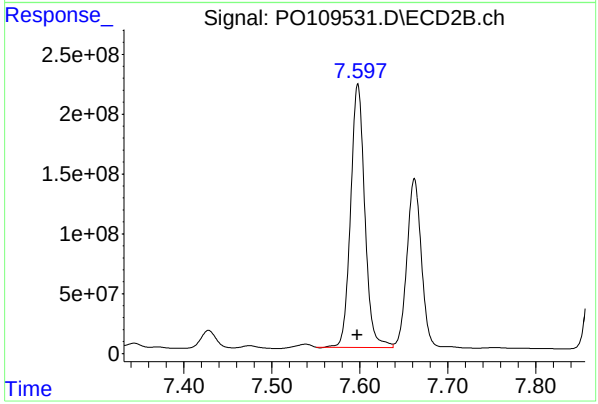
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 4207613605
Conc: 14179.83 ng/ml



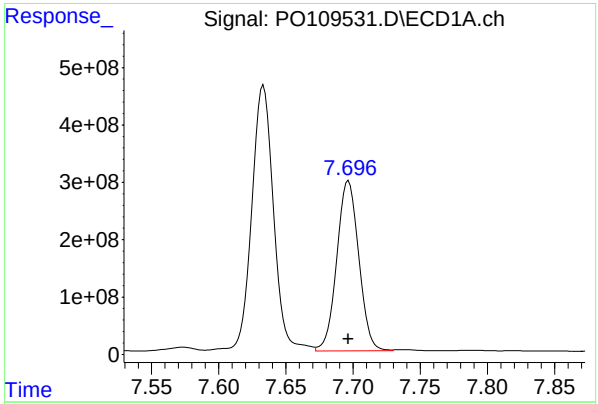
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 5231131317
Conc: 3950.35 ng/ml



#41 AR-1268-1

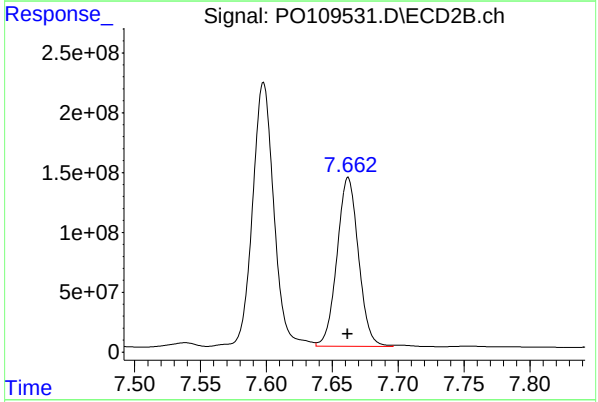
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 2466745319
Conc: 4316.93 ng/ml



#42 AR-1268-2

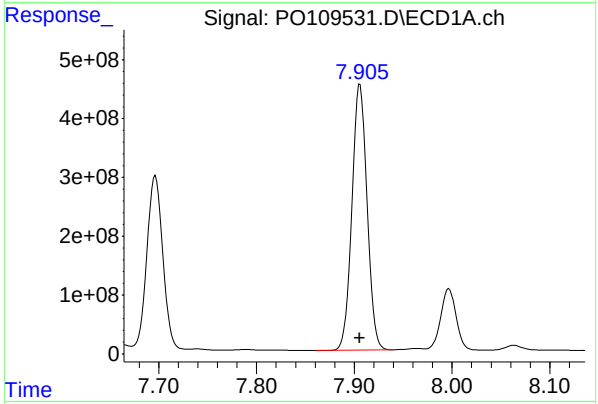
R.T.: 7.697 min
Delta R.T.: 0.000 mi
Response: 3382817322
Conc: 2797.78 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP5



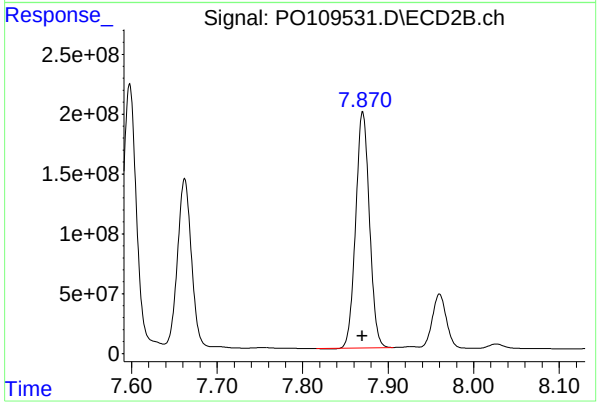
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 1598487911
Conc: 3045.06 ng/ml



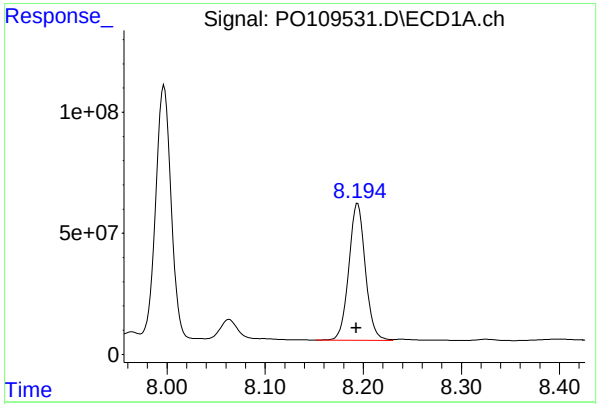
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 4860119297
Conc: 4773.35 ng/ml



#43 AR-1268-3

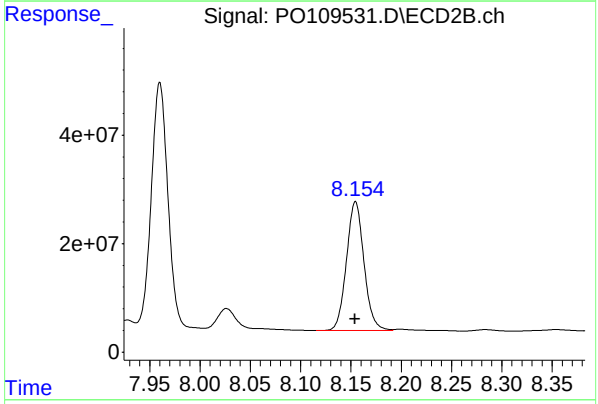
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 2201444667
Conc: 5143.04 ng/ml



#44 AR-1268-4

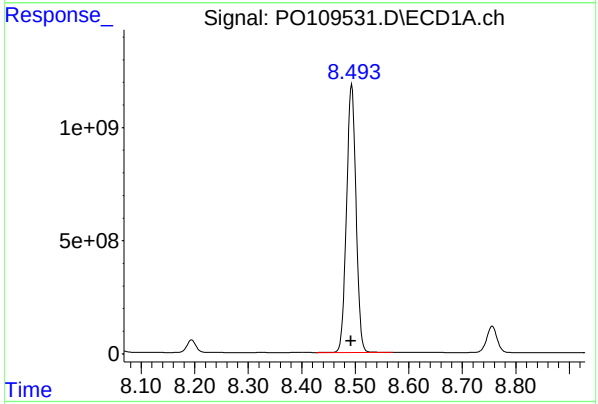
R.T.: 8.194 min
Delta R.T.: 0.001 mi
Response: 659652408
Conc: 1552.64 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP5



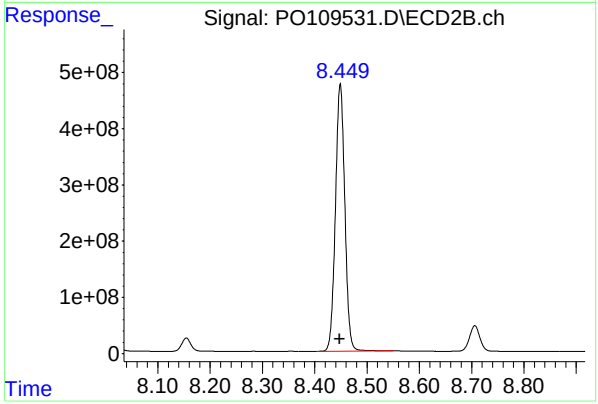
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 287991955
Conc: 1785.05 ng/ml



#45 AR-1268-5

R.T.: 8.496 min
Delta R.T.: 0.004 min
Response: 12794927409
Conc: 4237.22 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 5930168801
Conc: 5424.87 ng/ml

Raw Data: **PO109588.D**

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

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-DUP5DL	SDG No.:	Q1438
Lab Sample ID:	Q1438-10DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.8 Decanted:
Sample Wt/Vol:	30.06 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
PO109588.D	10	02/27/25 09:56	02/28/25 13:41	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	42.4	UD	42.4	213	ug/kg
11104-28-2	Aroclor-1221	80.2	UD	80.2	213	ug/kg
11141-16-5	Aroclor-1232	42.5	UD	42.5	213	ug/kg
53469-21-9	Aroclor-1242	42.4	UD	42.4	213	ug/kg
12672-29-6	Aroclor-1248	98.7	UD	98.7	213	ug/kg
11097-69-1	Aroclor-1254	2900	D	34.1	213	ug/kg
37324-23-5	Aroclor-1262	57.2	UD	57.2	213	ug/kg
11100-14-4	Aroclor-1268	1900	D	42.9	213	ug/kg
11096-82-5	Aroclor-1260	36.4	UD	36.4	213	ug/kg
Total PCBs	Total PCBs	4800	D	77.0	213	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	29.9	*	32 - 144	150%	SPK: 20
2051-24-3	Decachlorobiphenyl	242	*	32 - 175	1210%	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 : PO109588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 13:41
Operator : YP/AJ
Sample : Q1438-10DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-DUP5DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:16:39 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.696	3.694	27160443	15651686	2.870	2.990
2)	SA Decachlor...	8.753	8.706	192.2E6	77070381	22.348	24.204
	Target Compounds						
26)	L6 AR-1254-1	5.599	5.579	142.5E6	78588696	276.360	300.486
27)	L6 AR-1254-2	5.749	5.727	198.7E6	108.4E6	441.251	461.940
28)	L6 AR-1254-3	6.154	6.130	375.9E6	201.4E6	525.023	564.501
29)	L6 AR-1254-4	6.383	6.357	242.9E6	124.4E6	580.069	644.003
30)	L6 AR-1254-5	6.803	6.774	856.0E6	448.0E6	1371.944	1509.822
41)	L9 AR-1268-1	7.631	7.598	598.3E6	285.1E6	451.790	498.927
42)	L9 AR-1268-2	7.696	7.662	386.6E6	188.8E6	319.766	359.641
43)	L9 AR-1268-3	7.904	7.870	541.4E6	247.2E6	531.748	577.597
44)	L9 AR-1268-4	8.192	8.154	82218174	36647677	193.519	227.153
45)	L9 AR-1268-5	8.491	8.449	1578.9E6	623.8E6	522.879	570.640

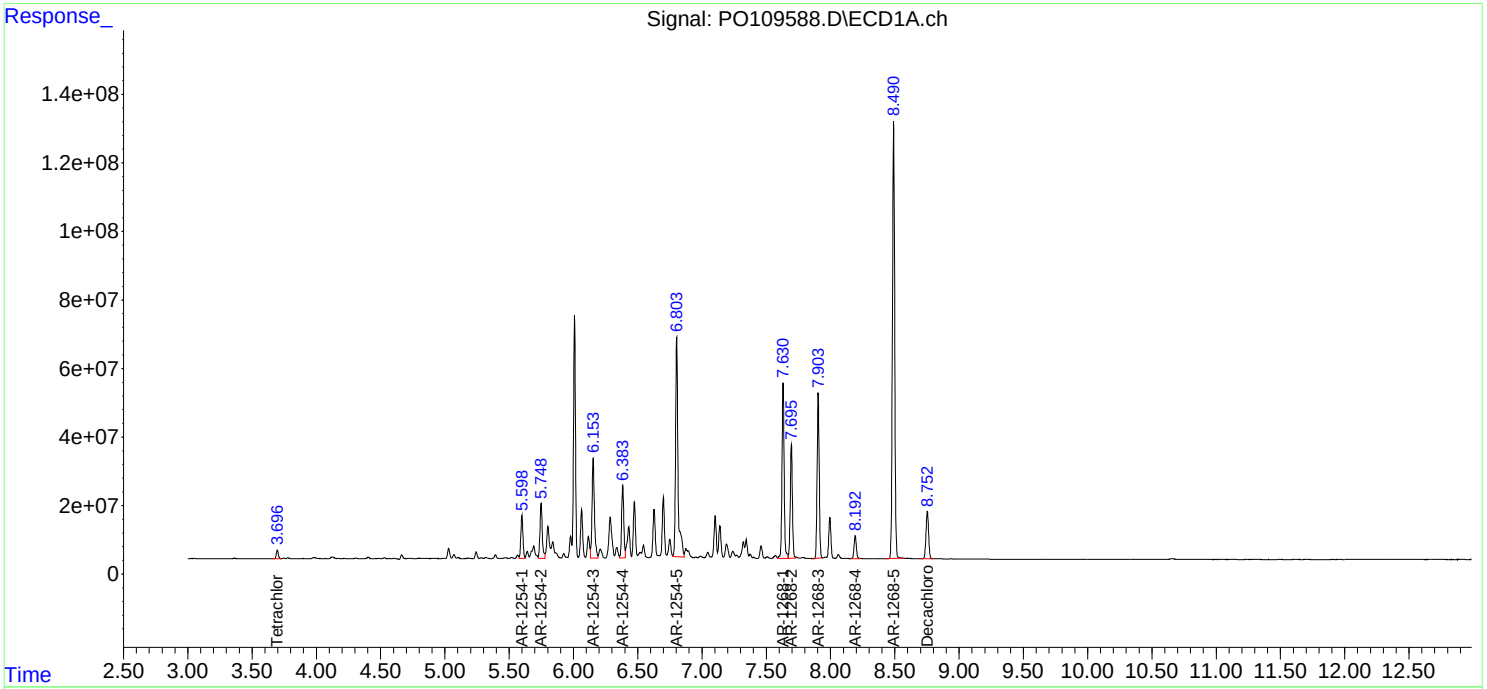
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

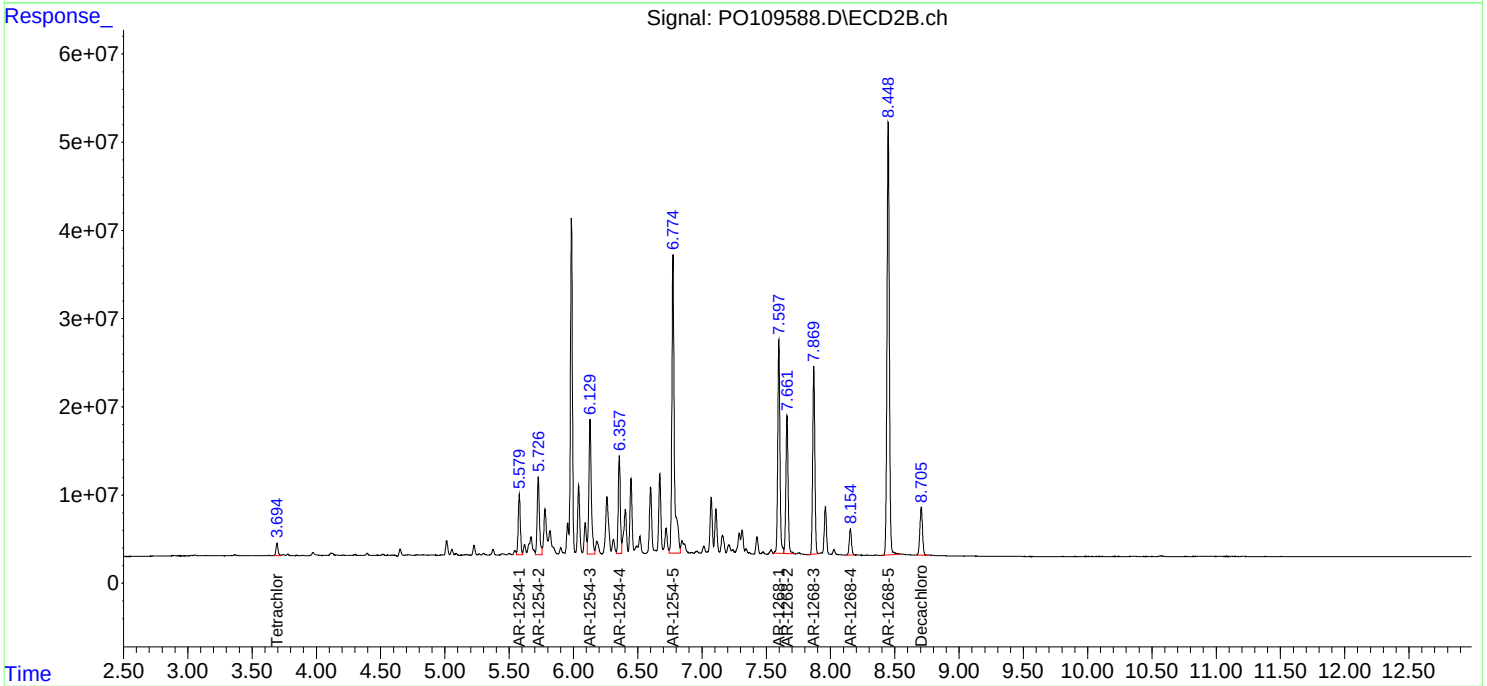
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 13:41
Operator : YP/AJ
Sample : Q1438-10DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

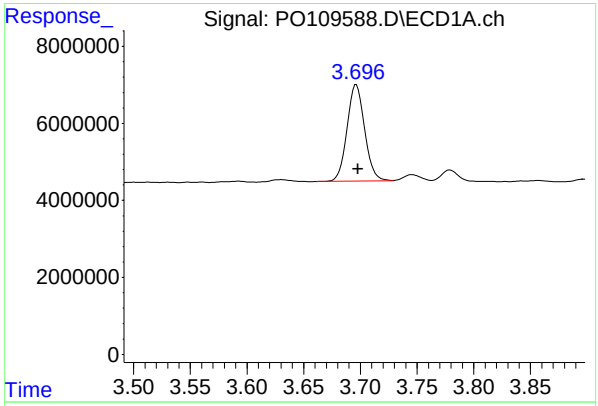
Instrument :
ECD_O
ClientSampleId :
K084-DUP5DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:16:39 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



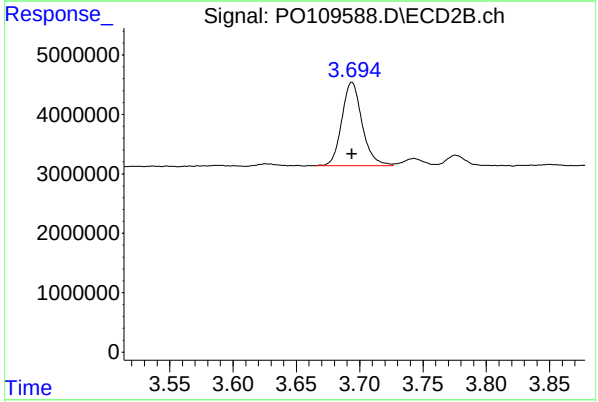




#1 Tetrachloro-m-xylene

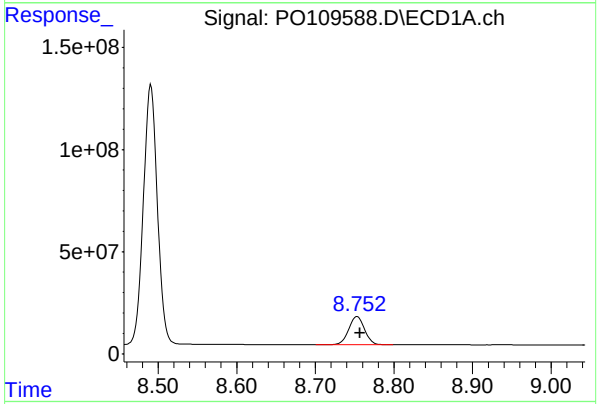
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 27160443
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP5DL



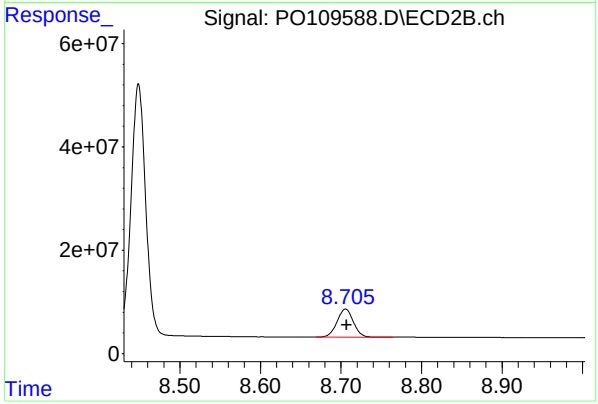
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 15651686
Conc: 2.99 ng/ml



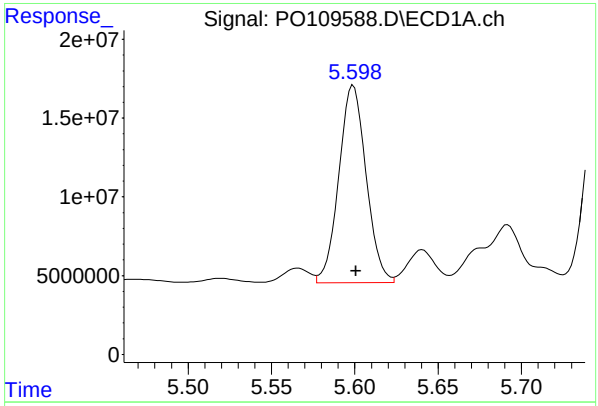
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 192238164
Conc: 22.35 ng/ml



#2 Decachlorobiphenyl

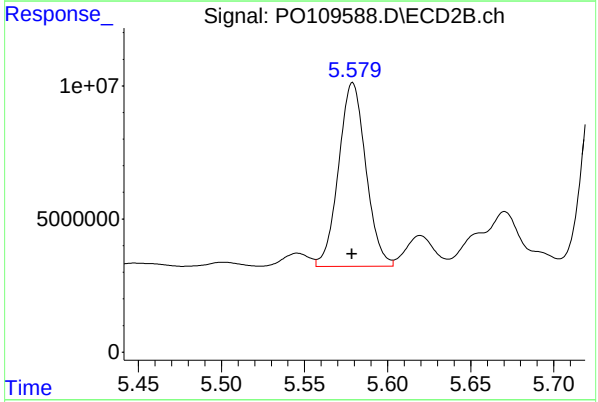
R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 77070381
Conc: 24.20 ng/ml



#26 AR-1254-1

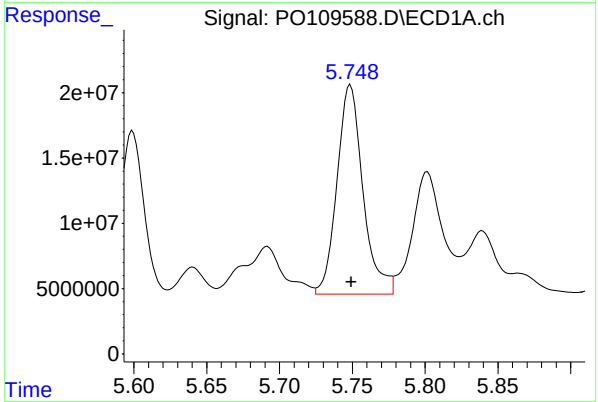
R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 142492989
Conc: 276.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP5DL



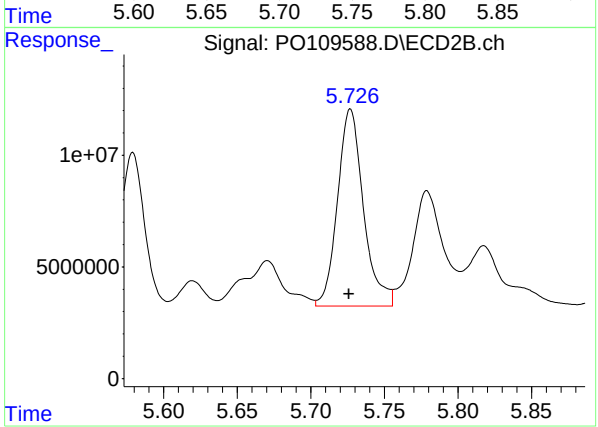
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 78588696
Conc: 300.49 ng/ml



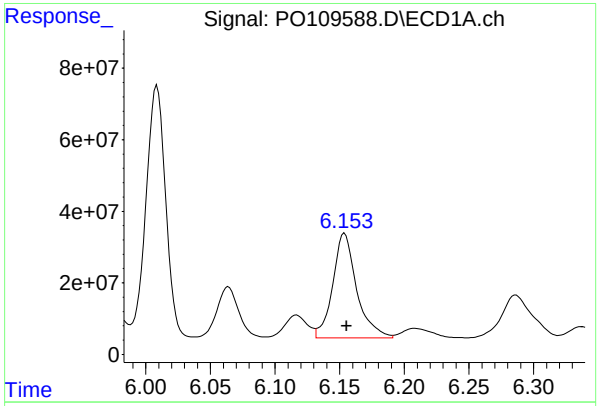
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 198728372
Conc: 441.25 ng/ml



#27 AR-1254-2

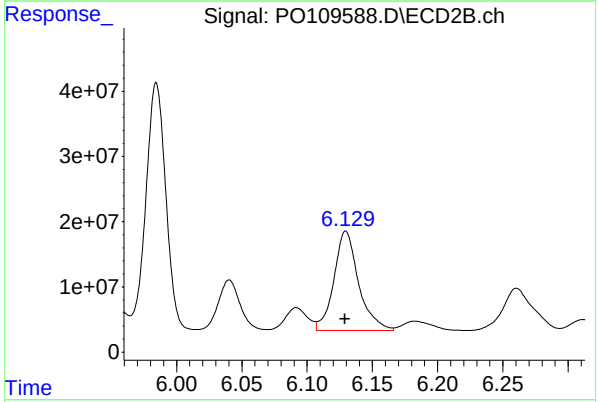
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 108353369
Conc: 461.94 ng/ml



#28 AR-1254-3

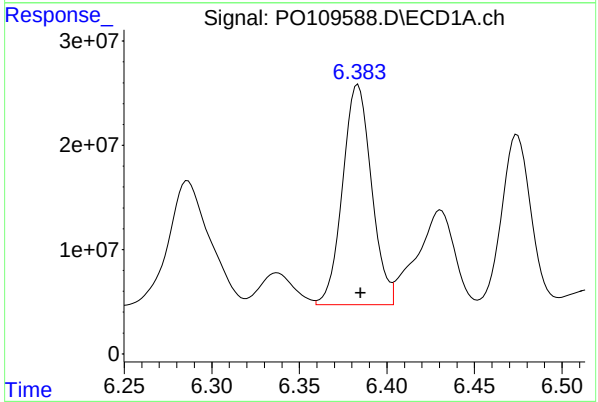
R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 375893072
Conc: 525.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP5DL



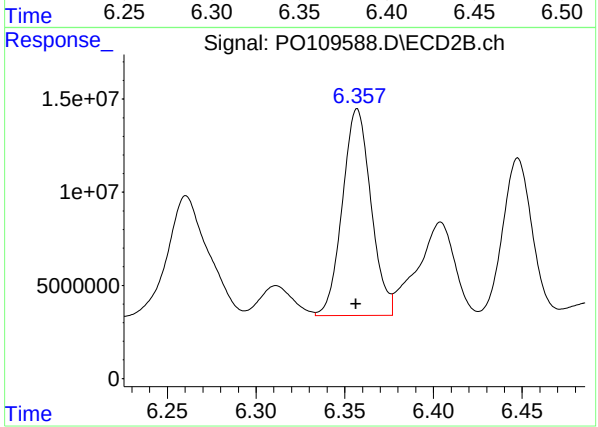
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 201360048
Conc: 564.50 ng/ml



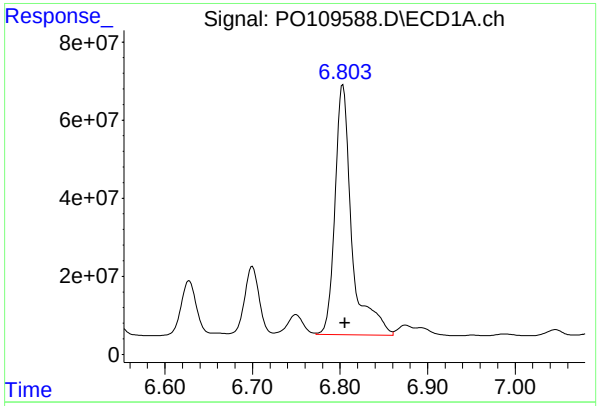
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 242927903
Conc: 580.07 ng/ml



#29 AR-1254-4

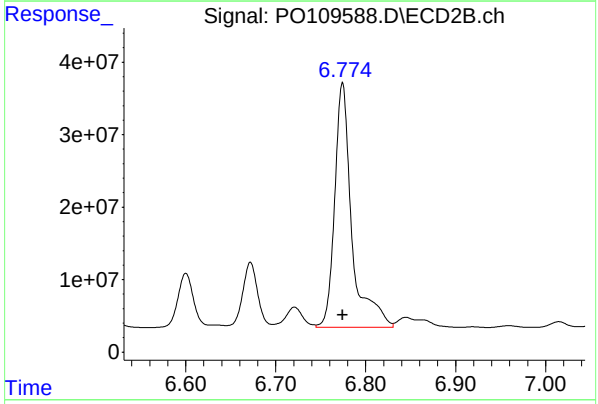
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 124372103
Conc: 644.00 ng/ml



#30 AR-1254-5

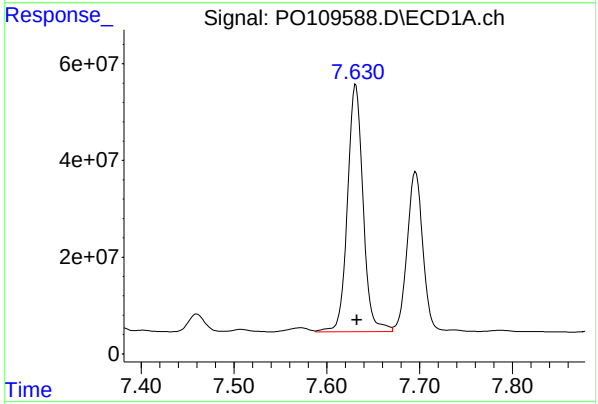
R.T.: 6.803 min
Delta R.T.: -0.002 mi
Response: 855959615
Conc: 1371.94 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-DUP5DL



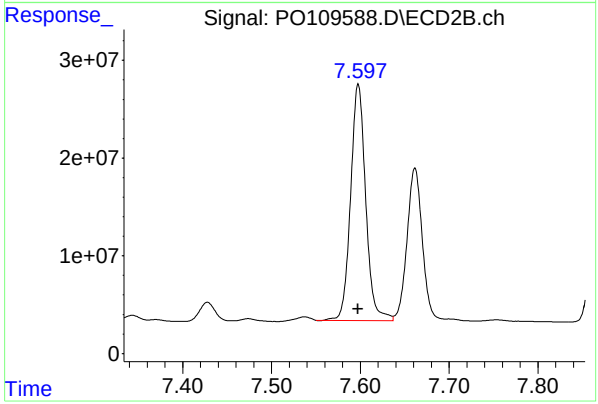
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 448012784
Conc: 1509.82 ng/ml



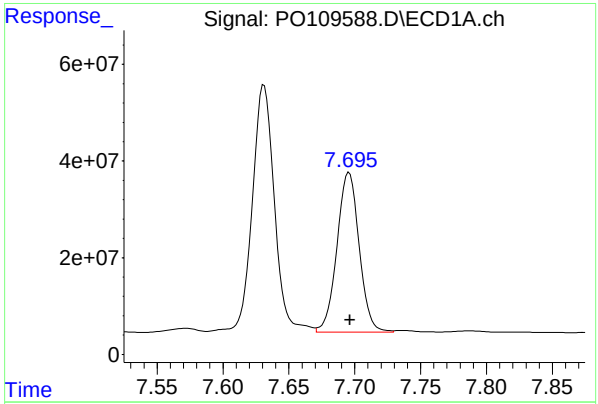
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 598268700
Conc: 451.79 ng/ml



#41 AR-1268-1

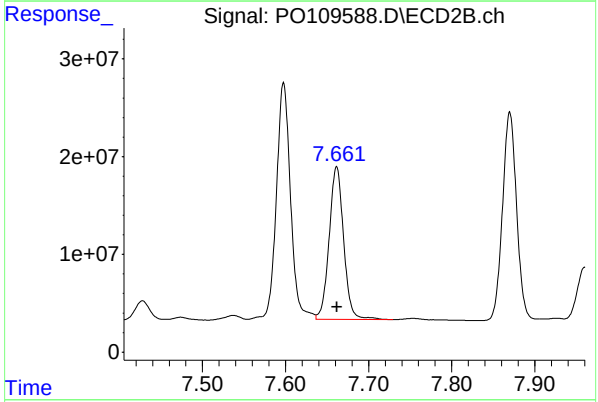
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 285093075
Conc: 498.93 ng/ml



#42 AR-1268-2

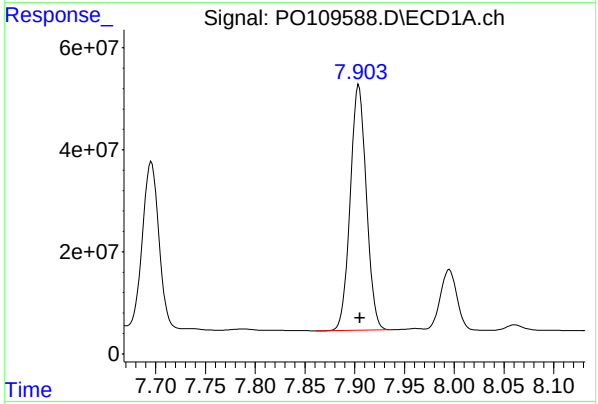
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 386630855
Conc: 319.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP5DL



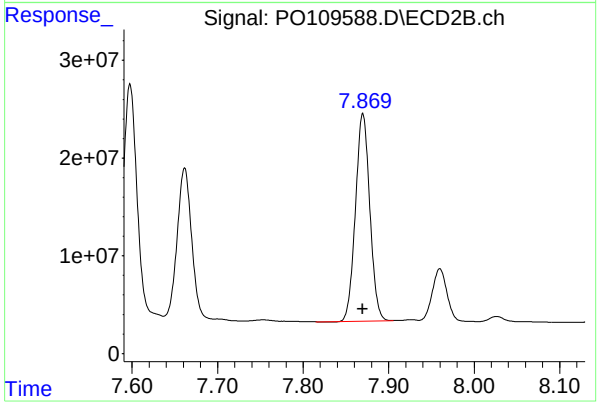
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 188791267
Conc: 359.64 ng/ml



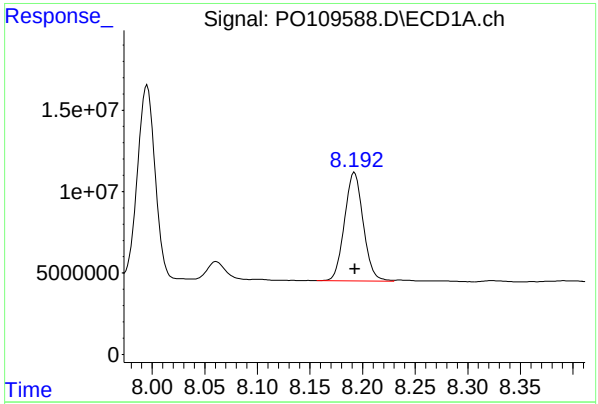
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.001 min
Response: 541414485
Conc: 531.75 ng/ml



#43 AR-1268-3

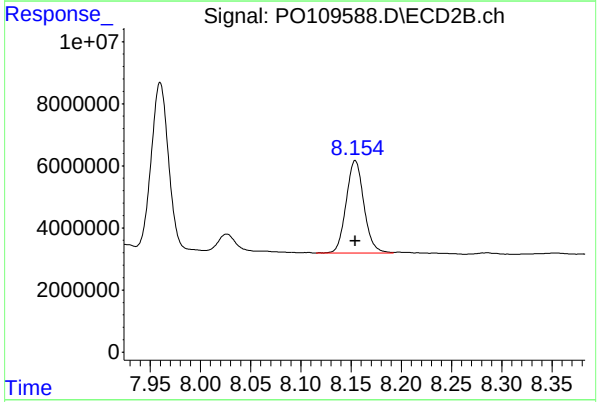
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 247236856
Conc: 577.60 ng/ml



#44 AR-1268-4

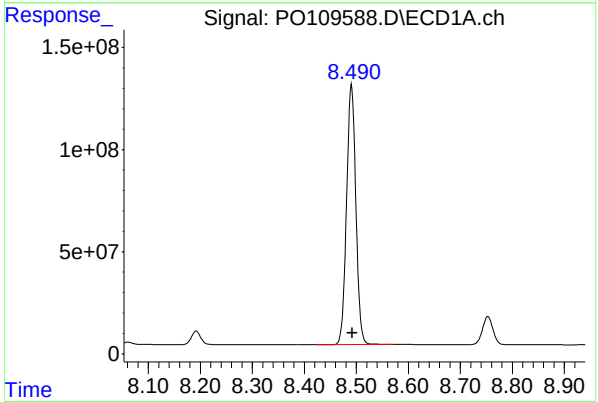
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 82218174
Conc: 193.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-DUP5DL



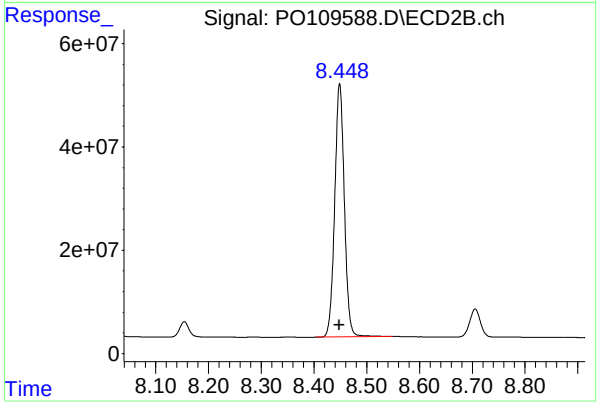
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 36647677
Conc: 227.15 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 1578913715
Conc: 522.88 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 623791960
Conc: 570.64 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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: RT 1000 = PO109426.D RT 750 = PO109427.D

RT 500 = PO109428.D RT 250 = PO109429.D RT 050 = PO109430.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1016-2	(2)	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Aroclor-1016-3	(3)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1016-4	(4)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1016-5	(5)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1260-1	(1)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1260-2	(2)	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Aroclor-1260-3	(3)	6.85	6.85	6.85	6.85	6.84	6.85	6.75	6.95
Aroclor-1260-4	(4)	7.11	7.11	7.11	7.11	7.10	7.11	7.01	7.21
Aroclor-1260-5	(5)	7.35	7.35	7.35	7.35	7.35	7.35	7.25	7.45
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1242-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1242-2	(2)	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Aroclor-1242-3	(3)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1242-4	(4)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1242-5	(5)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1248-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1248-2	(2)	5.03	5.03	5.03	5.03	5.03	5.03	4.93	5.13
Aroclor-1248-3	(3)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1248-4	(4)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Aroclor-1248-5	(5)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.75	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1254-1	(1)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Aroclor-1254-2	(2)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1254-3	(3)	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
Aroclor-1254-4	(4)	6.38	6.39	6.39	6.39	6.38	6.39	6.29	6.49
Aroclor-1254-5	(5)	6.81	6.81	6.81	6.81	6.81	6.81	6.71	6.91
Decachlorobiphenyl		8.75	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1268-1	(1)	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
Aroclor-1268-2	(2)	7.70	7.70	7.70	7.70	7.70	7.70	7.60	7.80
Aroclor-1268-3	(3)	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
Aroclor-1268-4	(4)	8.19	8.19	8.19	8.19	8.19	8.19	8.09	8.29
Aroclor-1268-5	(5)	8.49	8.49	8.49	8.49	8.49	8.49	8.39	8.59

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.76	8.76	8.75	8.76	8.75	8.76	8.66	8.86
Tetrachloro-m-xylene	3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80

Raw Data

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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: RT 1000 = PO109426.D RT 750 = PO109427.D

RT 500 = PO109428.D RT 250 = PO109429.D RT 050 = PO109430.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1016-3	(3)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1016-5	(5)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1260-1	(1)	6.26	6.26	6.26	6.26	6.26	6.26	6.16	6.36
Aroclor-1260-2	(2)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Aroclor-1260-3	(3)	6.60	6.60	6.60	6.60	6.60	6.60	6.50	6.70
Aroclor-1260-4	(4)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-5	(5)	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1242-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1242-3	(3)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1242-4	(4)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1242-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1248-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1248-2	(2)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-3	(3)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1248-4	(4)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1248-5	(5)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1254-2	(2)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Aroclor-1254-3	(3)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1254-4	(4)	6.36	6.36	6.36	6.36	6.36	6.36	6.26	6.46
Aroclor-1254-5	(5)	6.77	6.78	6.77	6.78	6.77	6.77	6.67	6.87
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1268-1	(1)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Aroclor-1268-2	(2)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Aroclor-1268-3	(3)	7.87	7.87	7.87	7.87	7.87	7.87	7.77	7.97
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.15	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.45	8.45	8.45	8.45	8.45	8.45	8.35	8.55

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.71	8.71	8.71	8.71	8.70	8.71	8.61	8.81
Tetrachloro-m-xylene	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 =** PO109426.D **CF 750 =** PO109427.D

CF 500 = PO109428.D **CF 250 =** PO109429.D **CF 050 =** PO109430.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	285955176	296470909	301678880	330073932	327272520	308290283	6
Aroclor-1016-2	(2)	400344510	409149469	414645114	446605912	434387780	421026557	5
Aroclor-1016-3	(3)	275712654	284750529	289403798	321232168	307985600	295816950	6
Aroclor-1016-4	(4)	217819857	224475380	225979744	249359212	241266360	231780111	6
Aroclor-1016-5	(5)	234915990	244172492	252269048	280073416	279718840	258229957	8
Aroclor-1260-1	(1)	432857882	445030616	458030860	496965692	497771560	466131322	6
Aroclor-1260-2	(2)	530613873	540598143	549997768	596865796	607516180	565118352	6
Aroclor-1260-3	(3)	446055940	458685821	463532386	505033376	504998020	475661109	6
Aroclor-1260-4	(4)	409227231	417077069	426071740	458083200	447546300	431601108	5
Aroclor-1260-5	(5)	975246933	982402905	1001465846	1034939896	975352280	993881572	3
Decachlorobiphenyl		8144381710	8253336907	8542716440	9068866760	9000001000	8601860563	5
Tetrachloro-m-xylene		9594159870	9382441773	9407964980	9839303320	9101752600	9465124509	3
Aroclor-1242-1	(1)	241553792	248781753	263582376	278206104	276700060	261764817	6
Aroclor-1242-2	(2)	330250979	341141312	360022594	377835792	370979720	356046079	6
Aroclor-1242-3	(3)	230958690	239403319	256570990	271941764	257976860	251370325	6
Aroclor-1242-4	(4)	181873604	188232188	200194694	210194852	201763980	196451864	6
Aroclor-1242-5	(5)	192196869	198312276	212424054	232317448	236630280	214376185	9
Decachlorobiphenyl		7571460160	7783053733	8197005760	8686332120	8704566000	8188483555	6
Tetrachloro-m-xylene		9236931880	9400204853	9446860340	9568057960	9056865000	9341784007	2
Aroclor-1248-1	(1)	183385441	189253437	200901320	213658596	210346400	199509039	7
Aroclor-1248-2	(2)	249519113	262229969	281655510	299590856	298458120	278290714	8
Aroclor-1248-3	(3)	313646829	324719312	346217716	370103360	392176240	349372691	9
Aroclor-1248-4	(4)	439951399	452724037	479184310	509535492	504078340	477094716	6
Aroclor-1248-5	(5)	310476659	318507132	337630456	365736804	380196620	342509534	9
Decachlorobiphenyl		7703959900	7913043760	8337132500	8816038680	8879579800	8329950928	6
Tetrachloro-m-xylene		9154374770	9319706587	9763537060	9884300480	9250244600	9474432699	3
Aroclor-1254-1	(1)	480630669	491242291	514290722	548494120	543375540	515606668	6
Aroclor-1254-2	(2)	417535343	429223996	451482582	481224324	472406420	450374533	6
Aroclor-1254-3	(3)	684838056	697322969	725628940	760808456	711178620	715955408	4
Aroclor-1254-4	(4)	417970360	409808872	428749386	461366848	376062040	418791501	7
Aroclor-1254-5	(5)	597298518	608943563	631623464	663830224	617819000	623902954	4
Decachlorobiphenyl		7967092830	8125756000	8528343640	8986366600	8782372000	8477986214	5
Tetrachloro-m-xylene		9511051460	9602004080	9843620680	9994457760	8495604200	9489347636	6
Aroclor-1268-1	(1)	1298860853	1294002563	1318124330	1365675636	1344427900	1324218256	2

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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

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 =** PO109426.D **CF 750 =** PO109427.D

CF 500 = PO109428.D **CF 250 =** PO109429.D **CF 050 =** PO109430.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	144422659	148428763	152032096	167484860	168484300	156170536	7
Aroclor-1016-2	(2)	205202725	208508729	213432994	229519564	225505040	216433810	5
Aroclor-1016-3	(3)	112302196	115067393	117212622	128579748	124094120	119451216	6
Aroclor-1016-4	(4)	94709981	98717735	101165102	112923876	112836120	104070563	8
Aroclor-1016-5	(5)	124417087	127943616	132644098	146345704	149917060	136253513	8
Aroclor-1260-1	(1)	217936136	223782013	232739904	251644640	258495520	236919643	7
Aroclor-1260-2	(2)	255563339	259366392	268832038	291215424	300878620	275171163	7
Aroclor-1260-3	(3)	239301078	242165468	249897958	270279452	273707020	255070195	6
Aroclor-1260-4	(4)	193987222	196916529	202218624	218214048	219624820	206192249	6
Aroclor-1260-5	(5)	436097628	435546231	443785112	464386884	459099080	447782987	3
Decachlorobiphenyl		2971514290	3027039307	3156019460	3385128400	3381593200	3184258931	6
Tetrachloro-m-xylene		5186272490	5246400280	5221242400	5478386840	5038748400	5234210082	3
Aroclor-1242-1	(1)	120966720	124746516	133128702	141428800	141463920	132346932	7
Aroclor-1242-2	(2)	169605960	173512545	183266616	192017376	189176180	181515735	5
Aroclor-1242-3	(3)	93390359	96634075	102245092	107691940	99411220	99874537	5
Aroclor-1242-4	(4)	96389066	101019272	107789002	115338428	114056640	106918482	8
Aroclor-1242-5	(5)	113196636	117716005	125239314	135801980	136573300	125705447	8
Decachlorobiphenyl		2727823240	2861750760	3019178360	3243379080	3243962600	3019218808	8
Tetrachloro-m-xylene		5001213420	5078322907	5254229320	5289448280	4851665000	5094975785	4
Aroclor-1248-1	(1)	91256927	94139561	100767396	107614600	108857060	100527109	8
Aroclor-1248-2	(2)	130560541	136645137	146421094	157143508	156628300	145479716	8
Aroclor-1248-3	(3)	139283148	144897643	155701690	166430352	168727860	155008139	8
Aroclor-1248-4	(4)	163903044	169411200	180364434	193711724	196594760	180797032	8
Aroclor-1248-5	(5)	154356880	158447996	169575560	183331920	195308840	172204239	10
Decachlorobiphenyl		2790488700	2873613467	3038569420	3241156720	3294897400	3047745141	7
Tetrachloro-m-xylene		4955293160	5040468413	5221131320	5264696400	4750589600	5046435779	4
Aroclor-1254-1	(1)	243640751	248872624	260914738	280861344	273402140	261538319	6
Aroclor-1254-2	(2)	212545511	218679507	230680254	249214456	261687520	234561450	9
Aroclor-1254-3	(3)	339799719	346366689	360950750	378906048	357499640	356704569	4
Aroclor-1254-4	(4)	192329190	189854227	199746634	214807996	168878980	193123405	9
Aroclor-1254-5	(5)	278490681	283928981	296376396	314100456	310764660	296732235	5
Decachlorobiphenyl		2841760820	2921691133	3072525860	3310057280	3280037800	3085214579	7
Tetrachloro-m-xylene		5117525260	5147853200	5214583540	5337931960	4481650800	5059908952	7
Aroclor-1268-1	(1)	554131487	553810328	564174560	591076320	593868340	571412207	3

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Fax : 908 789 8922

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

Raw Data

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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW TO	CALIBRATION FACTOR
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

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW TO	CALIBRATION FACTOR
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

Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

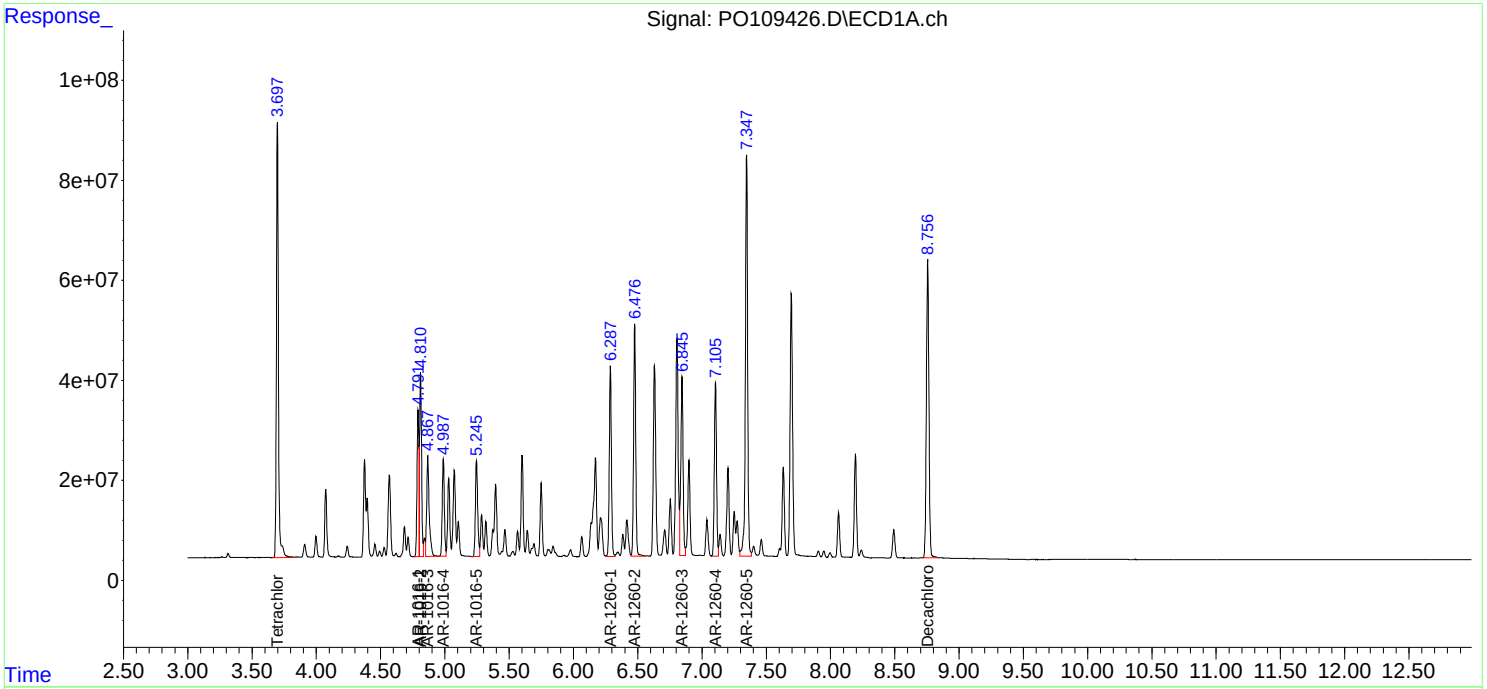
ICAL Form

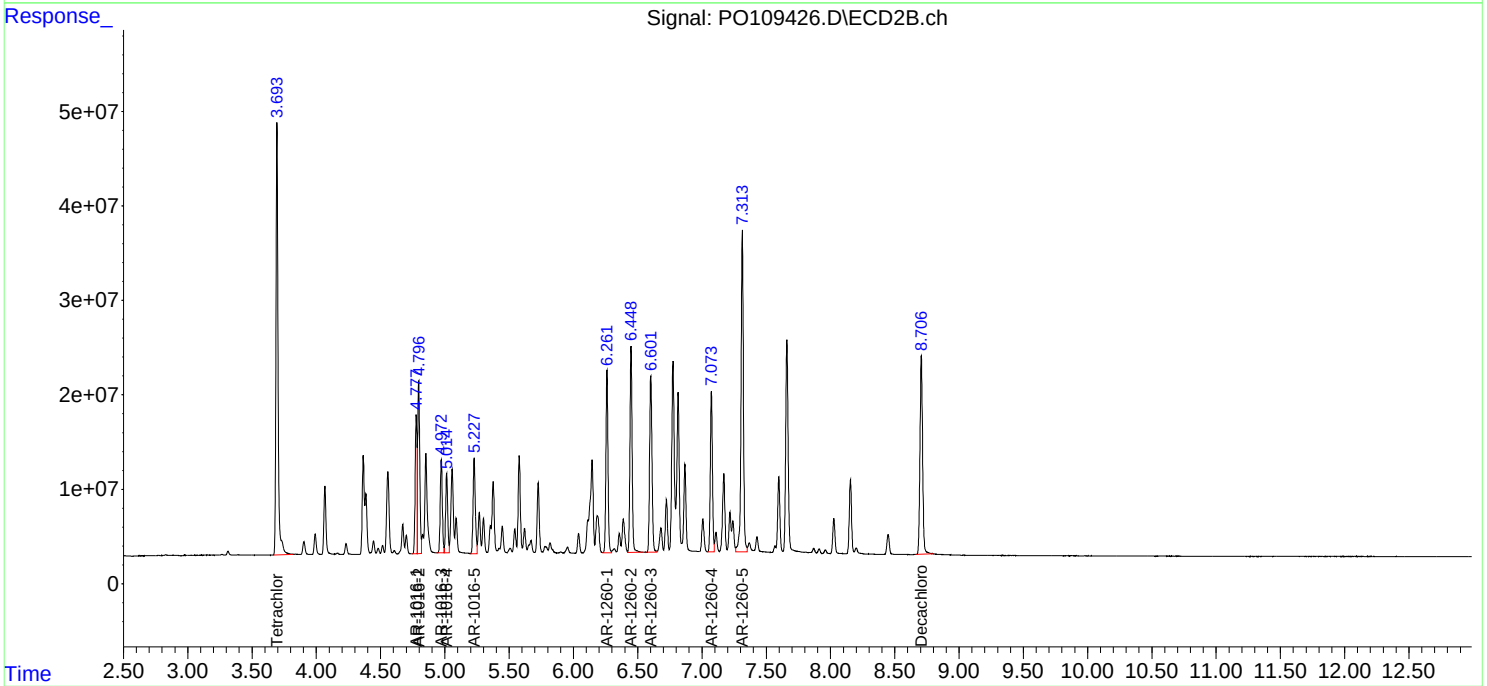
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:46
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

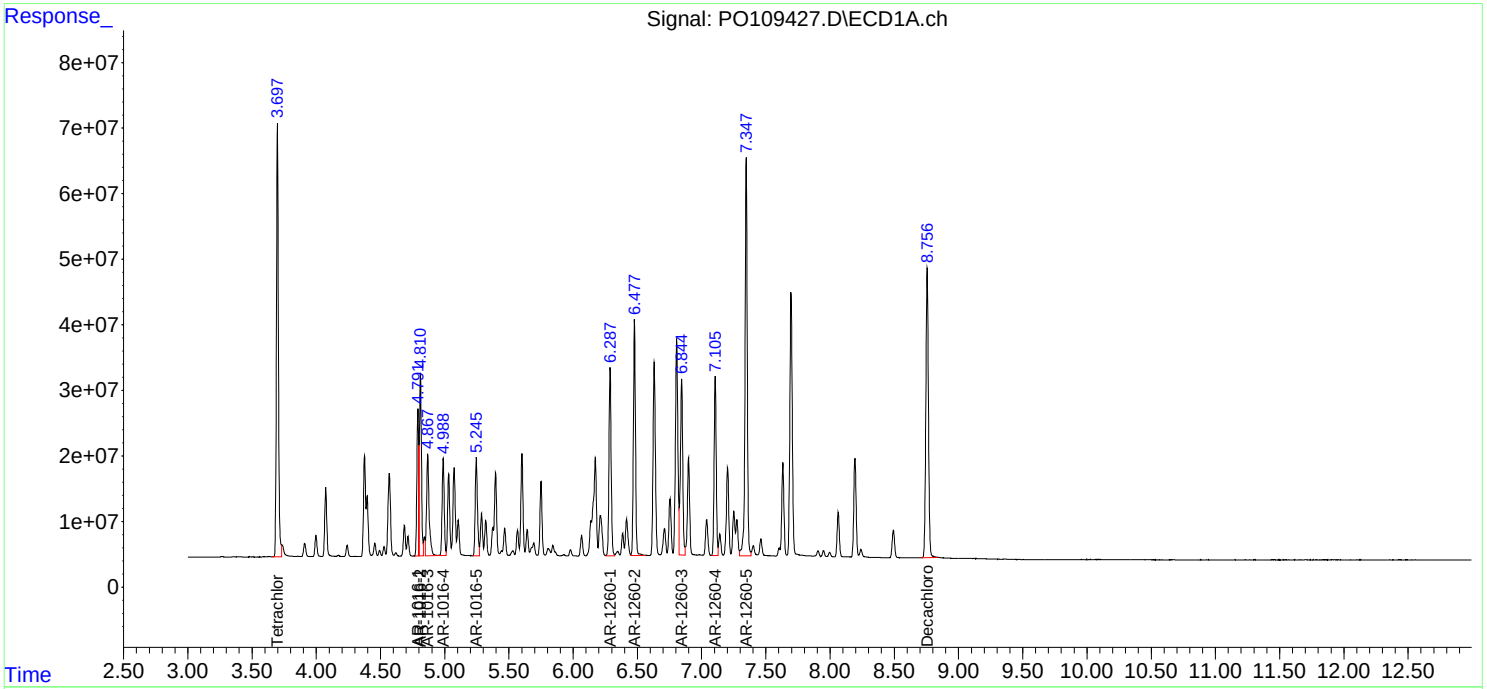
ICAL Form

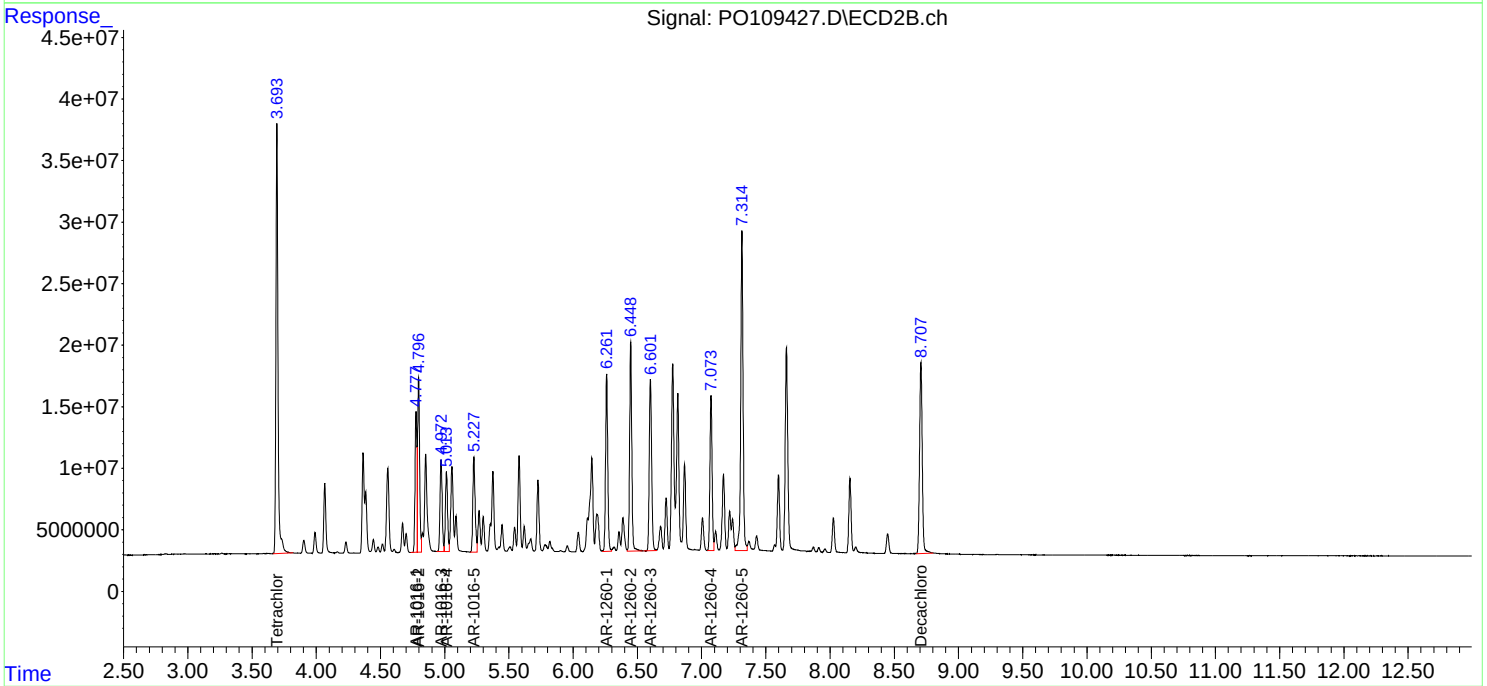
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:04
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

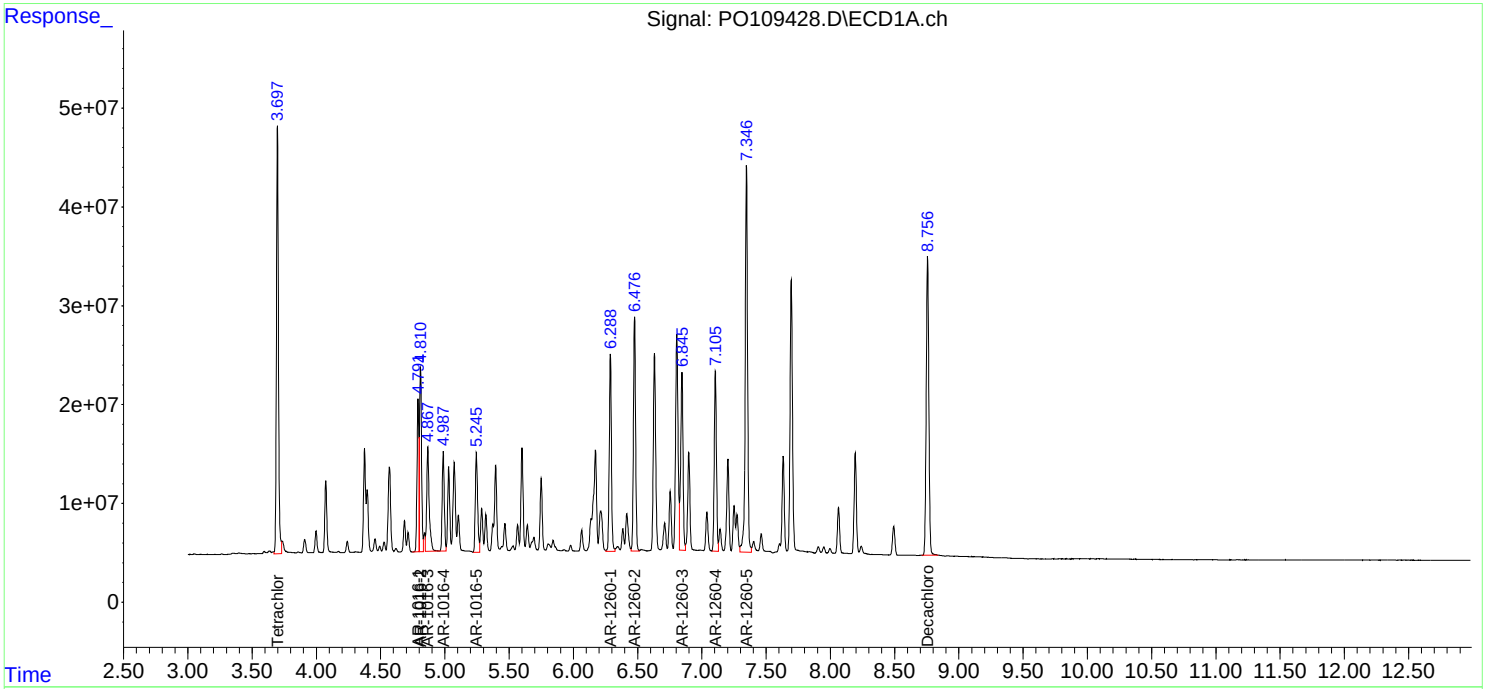
ICAL Form

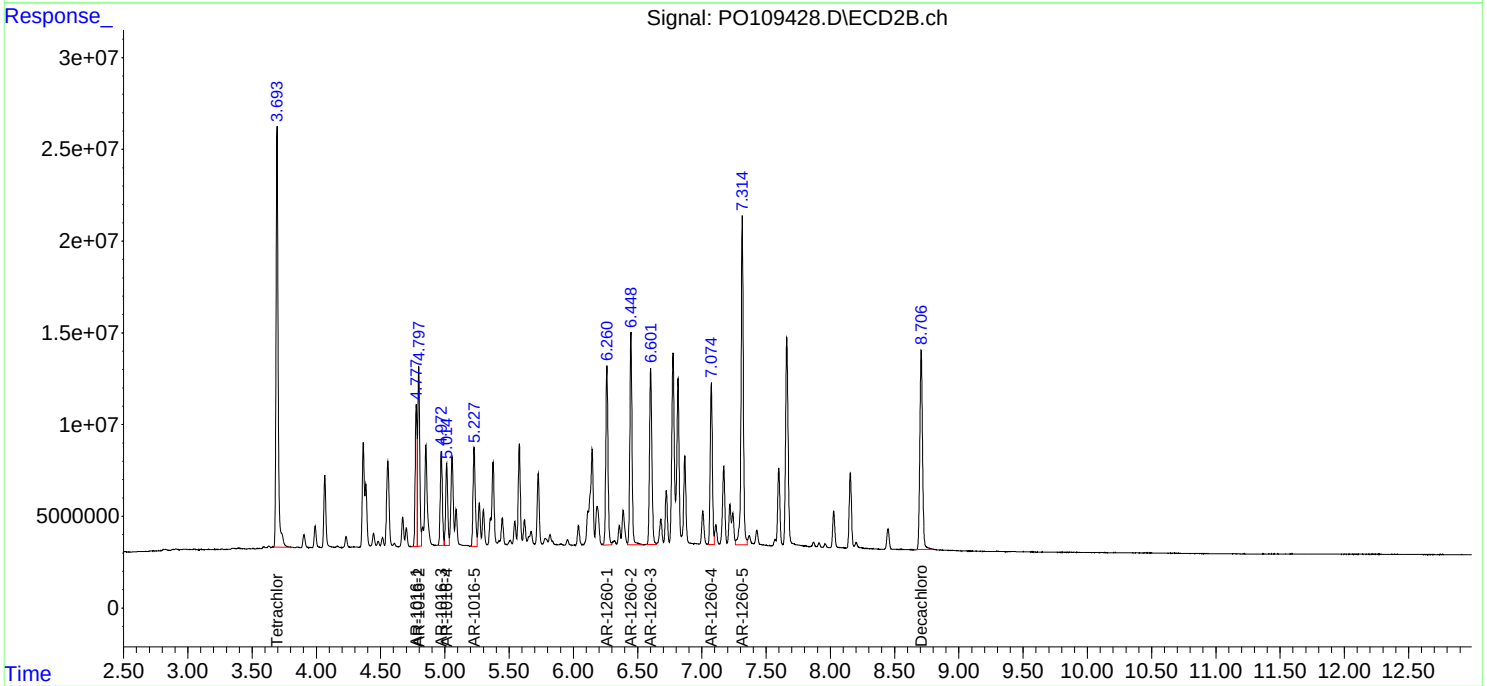
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:23
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

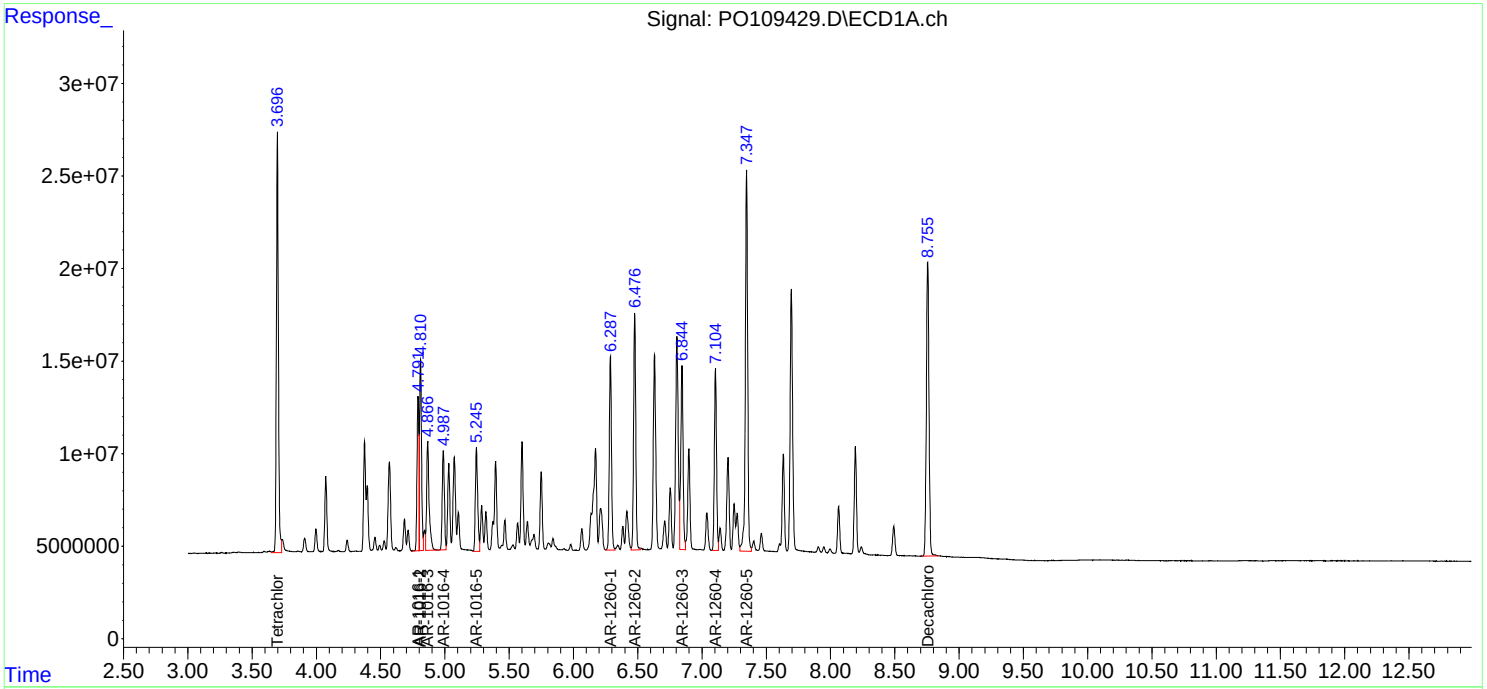
ICAL Form

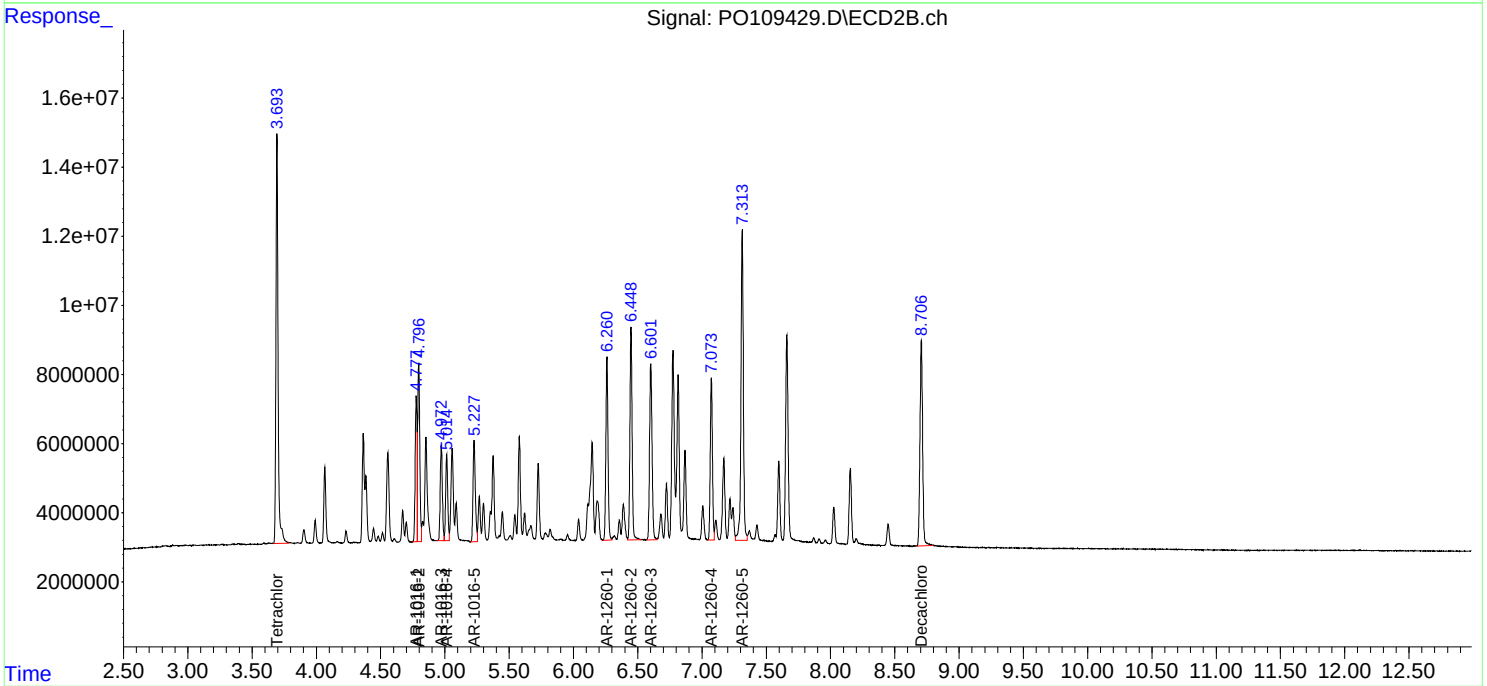
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:41
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

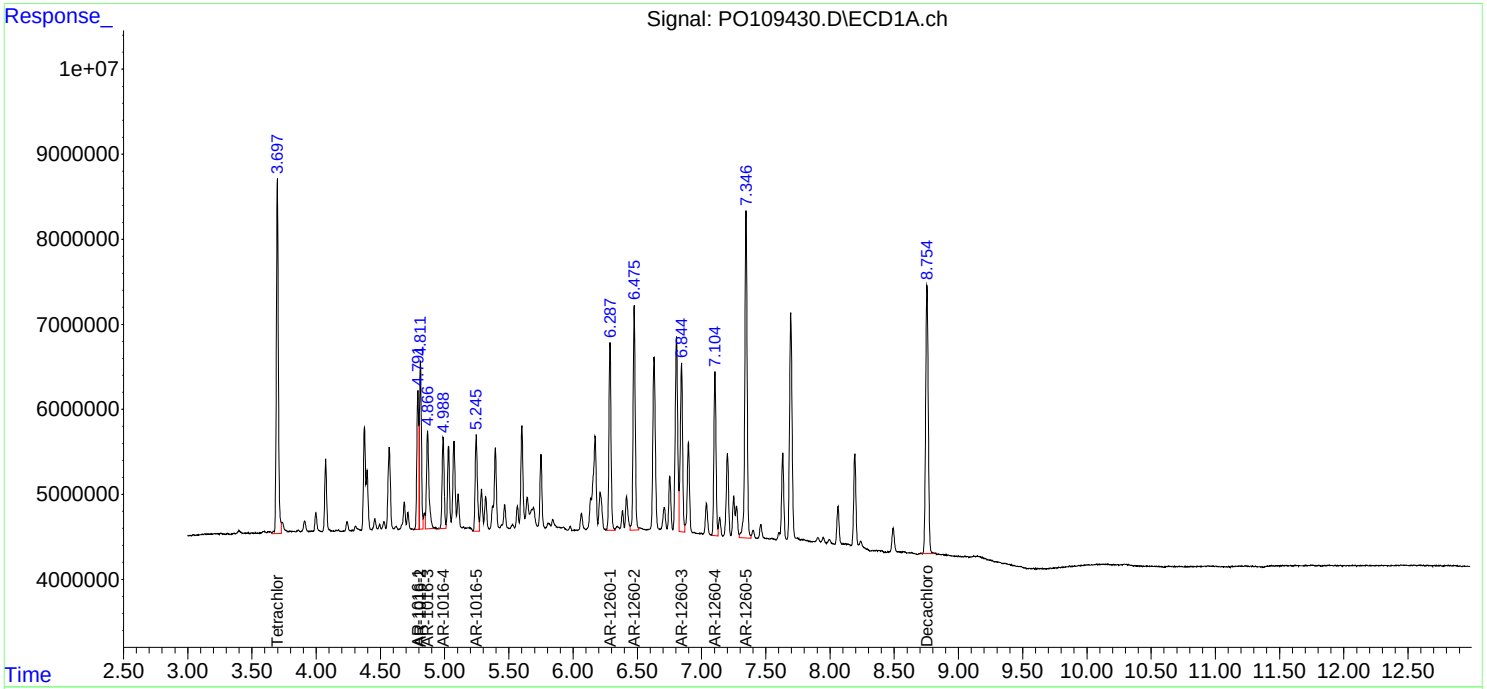
ICAL Form

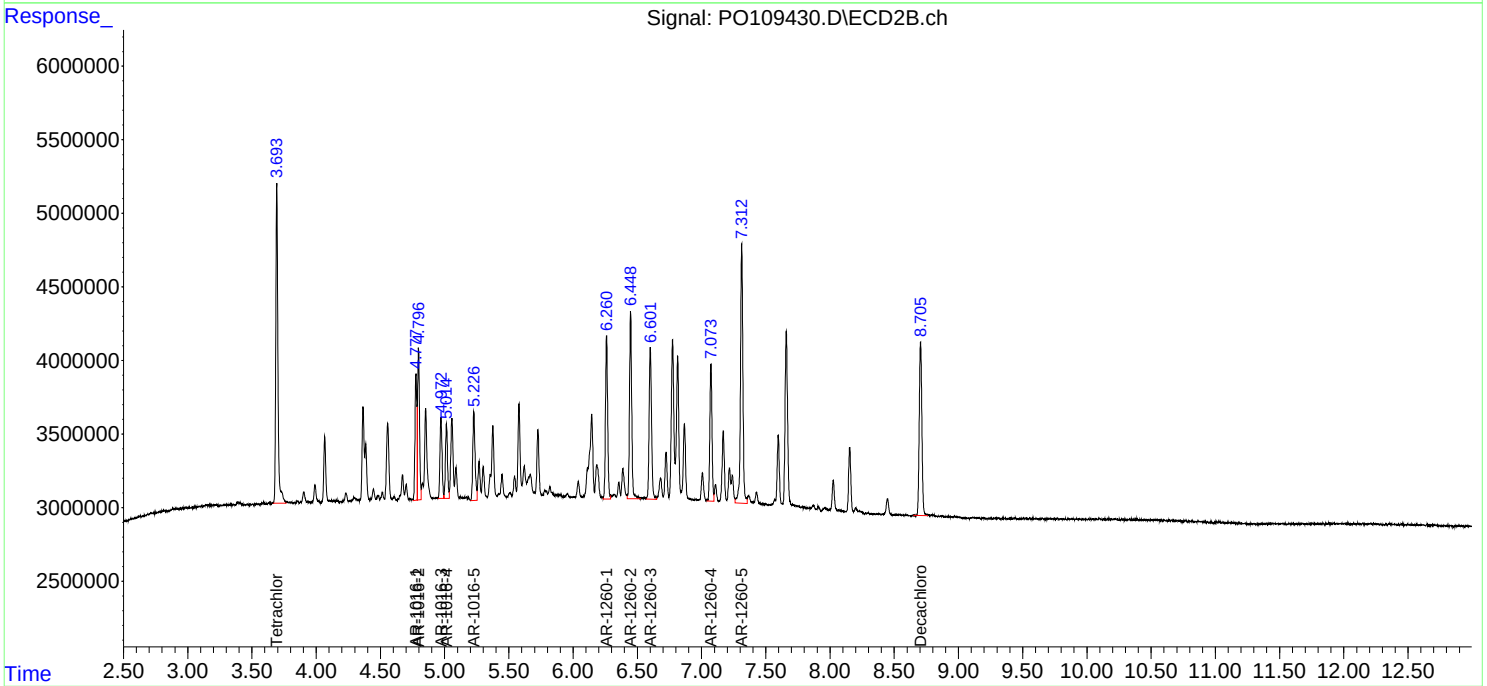
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:59
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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

	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.

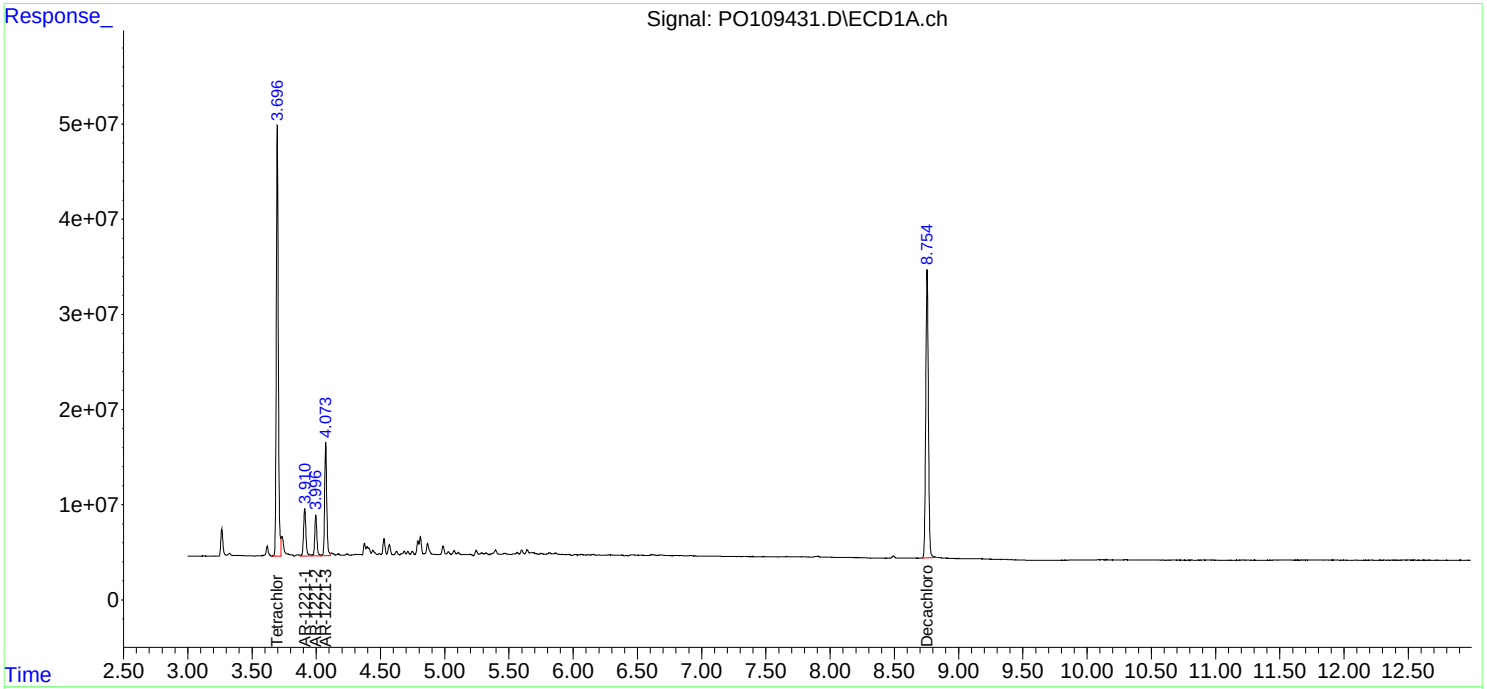
ICAL Form

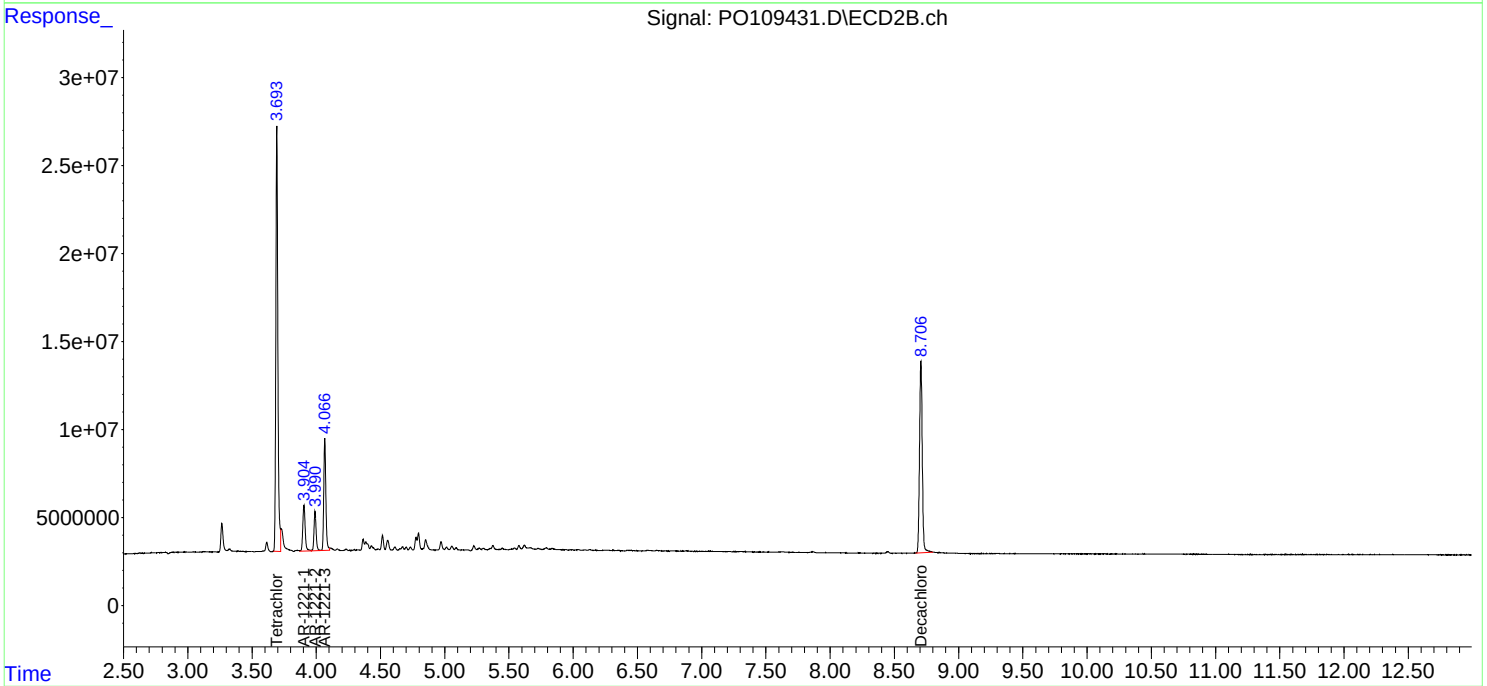
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:18
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

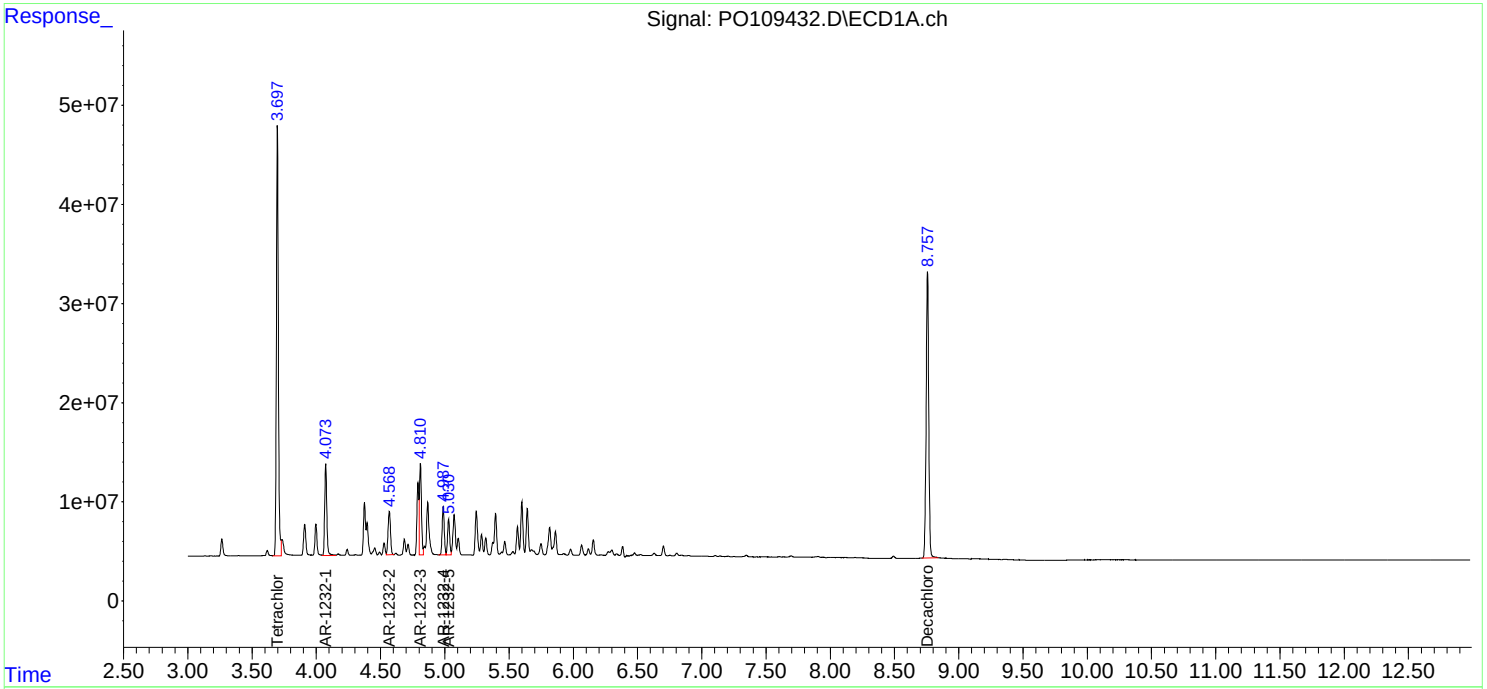
ICAL Form

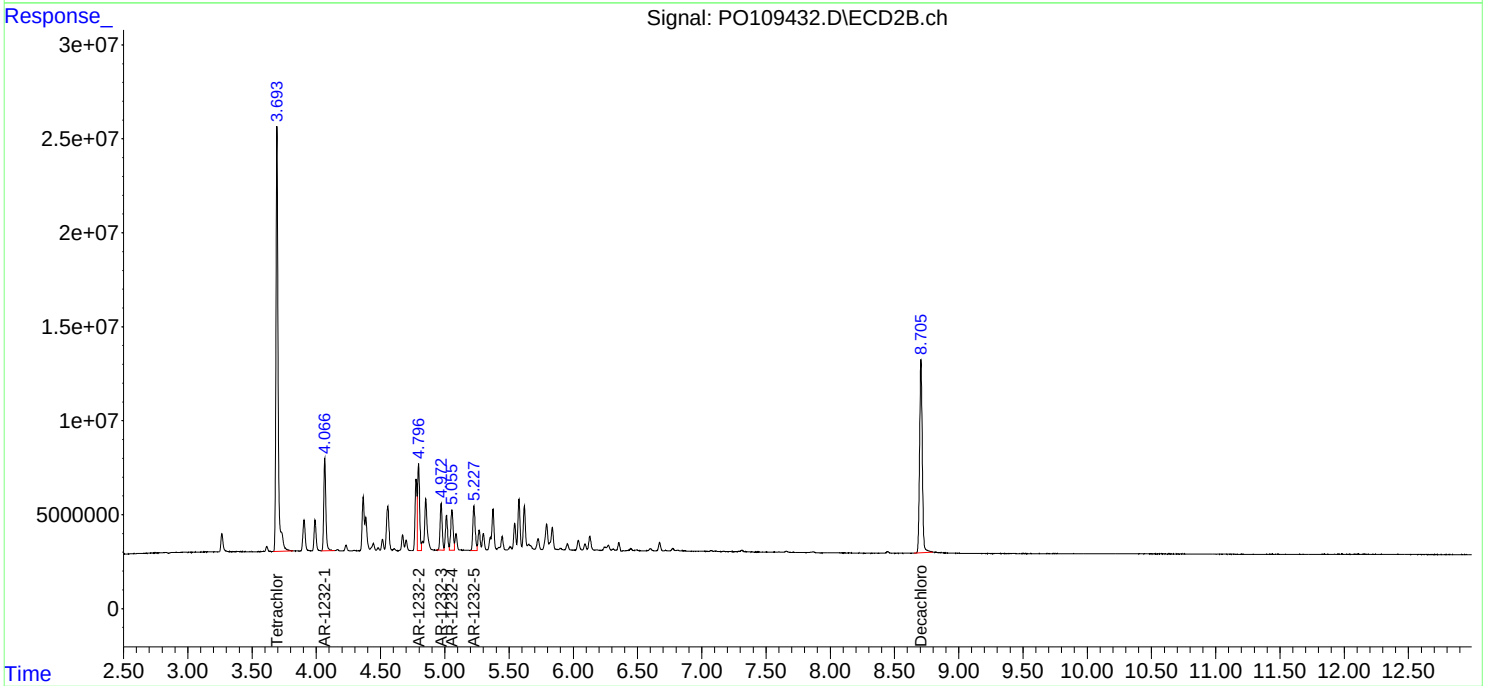
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:36
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

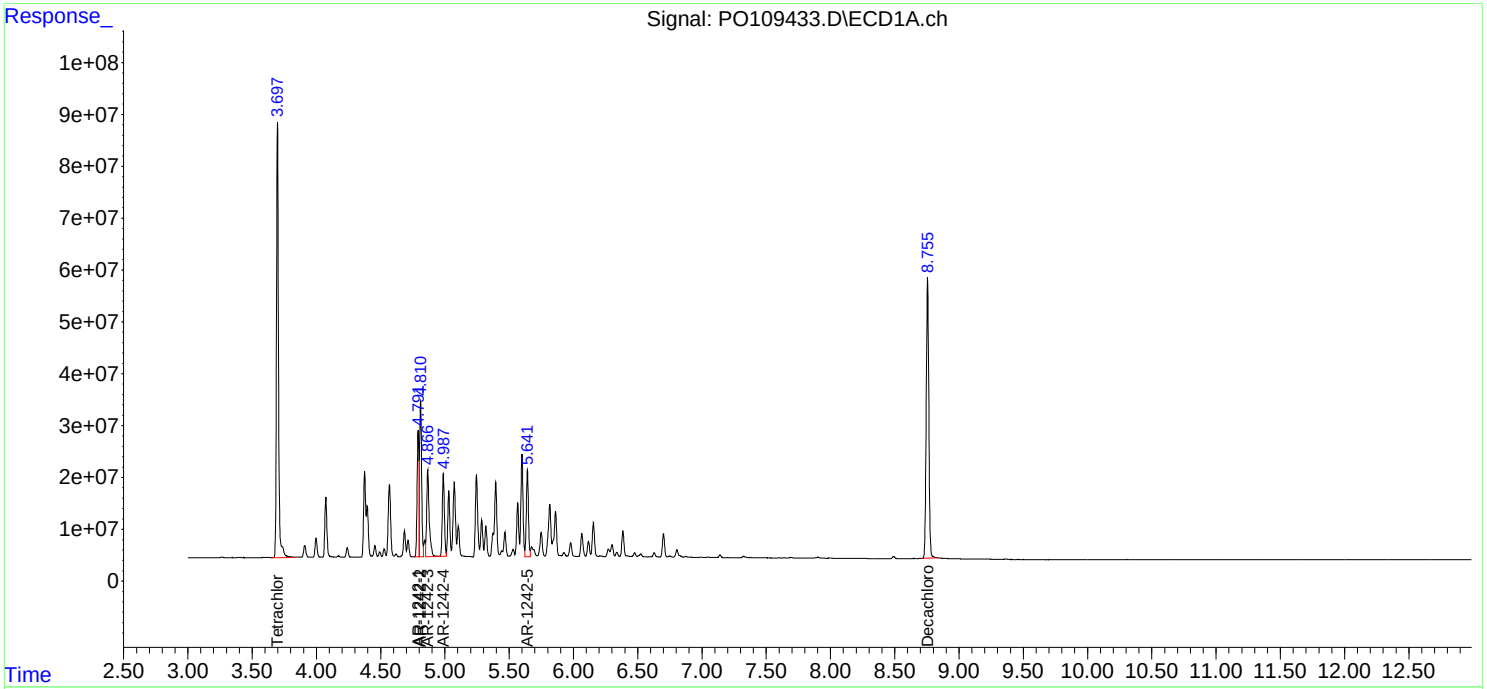
ICAL Form

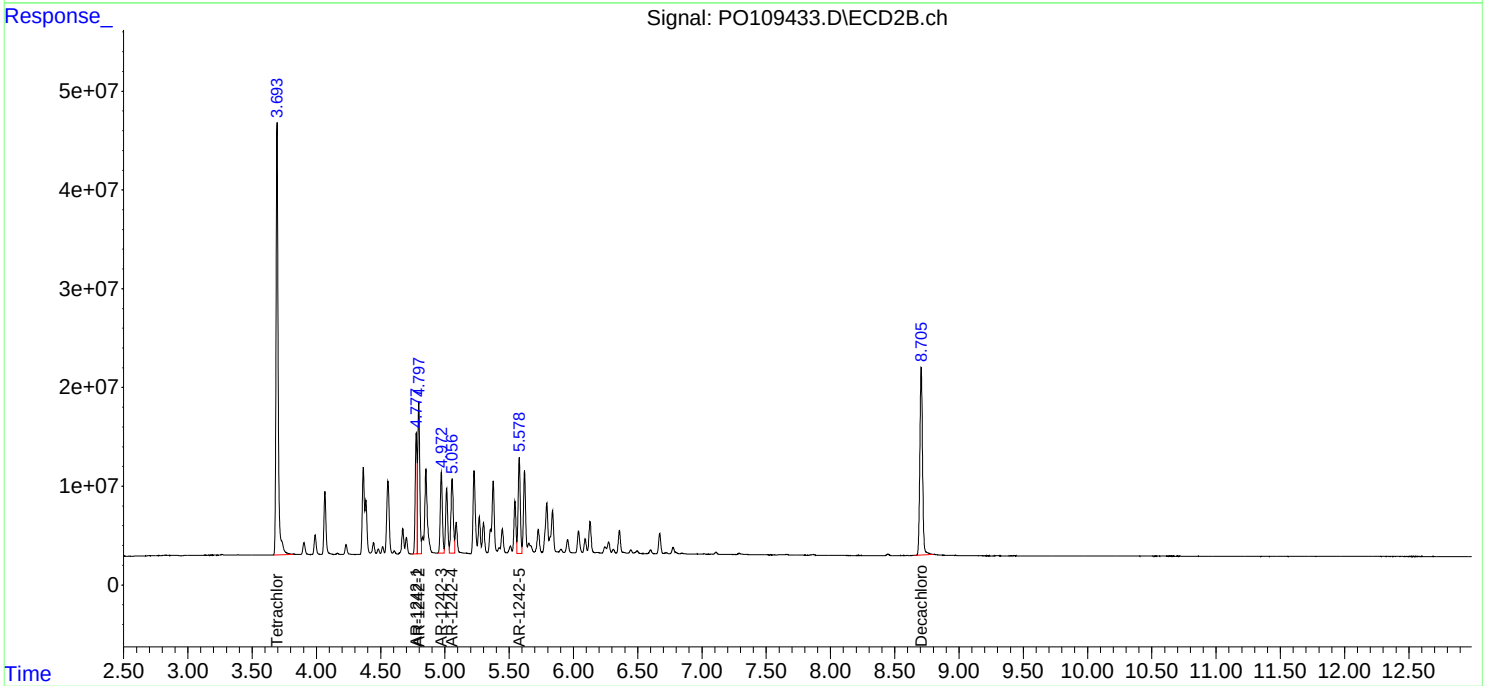
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:55
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

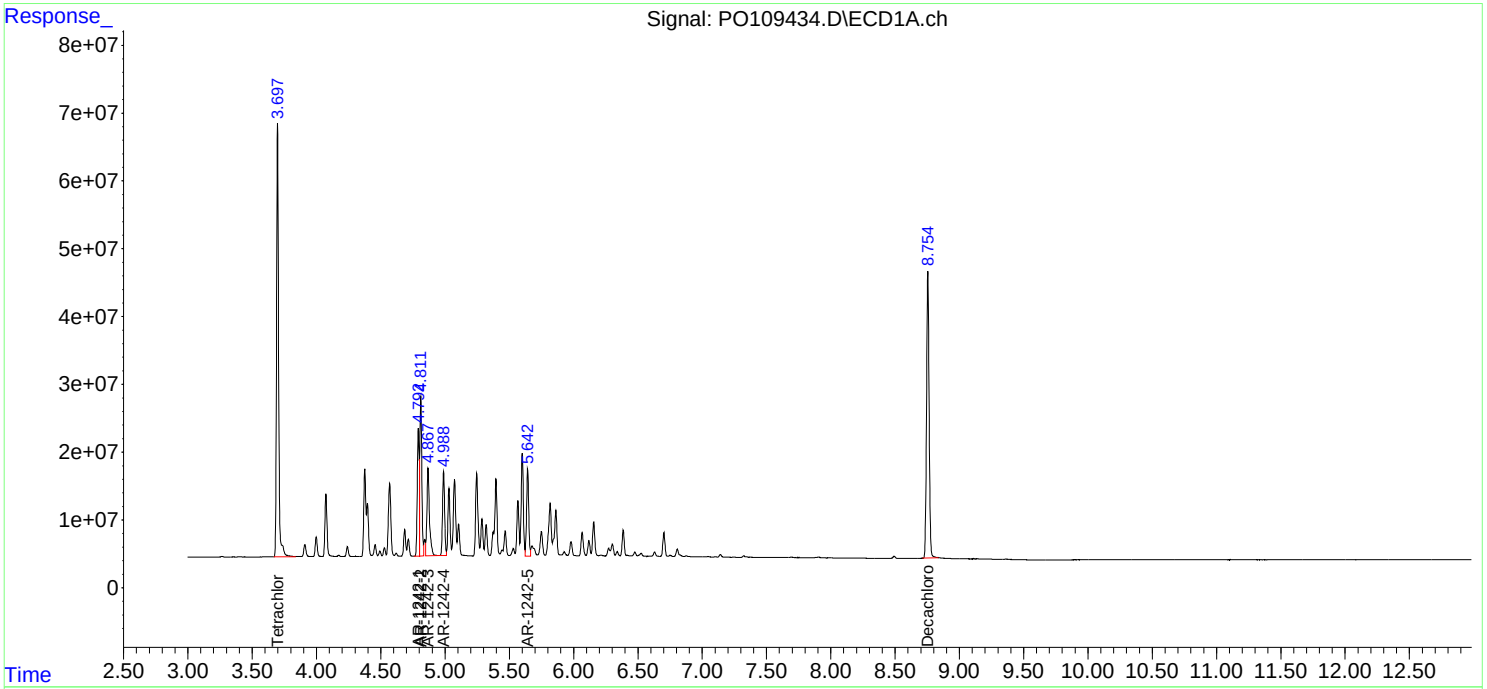
ICAL Form

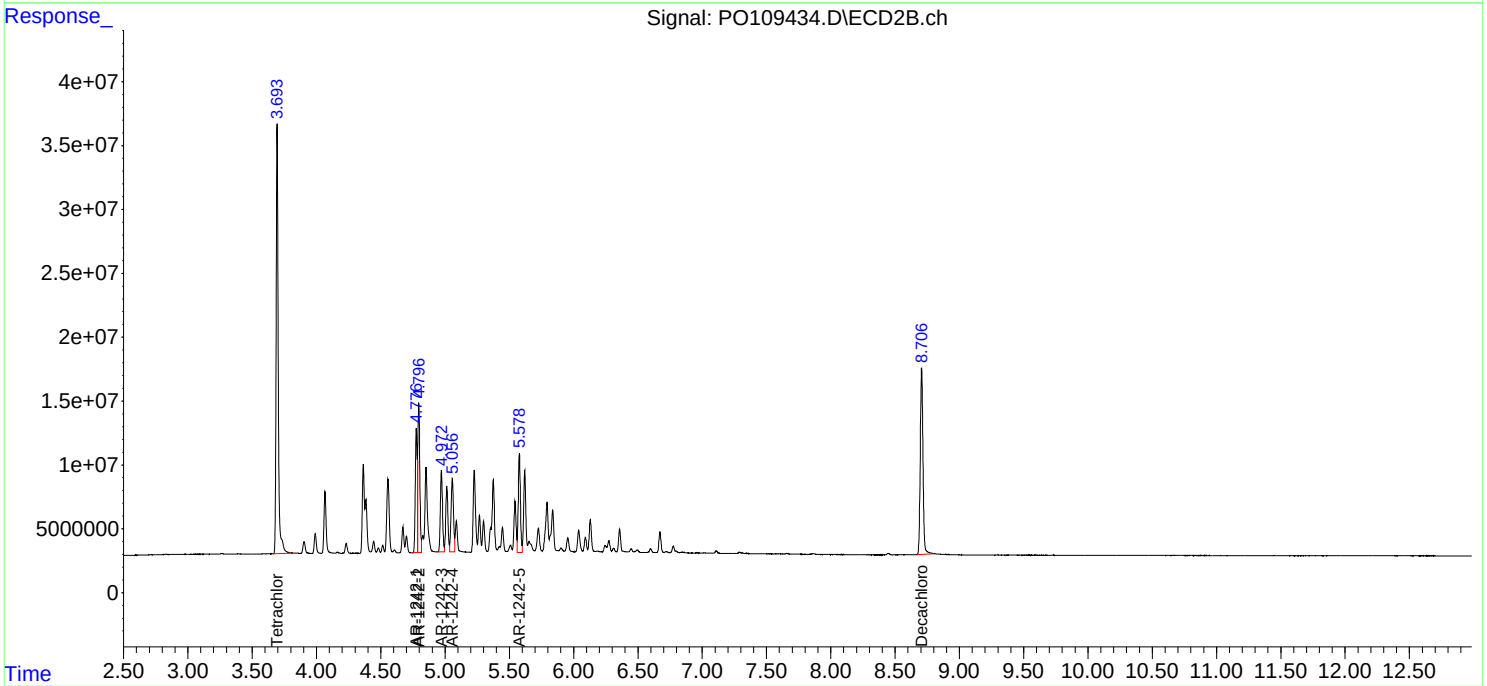
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:13
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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

	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.

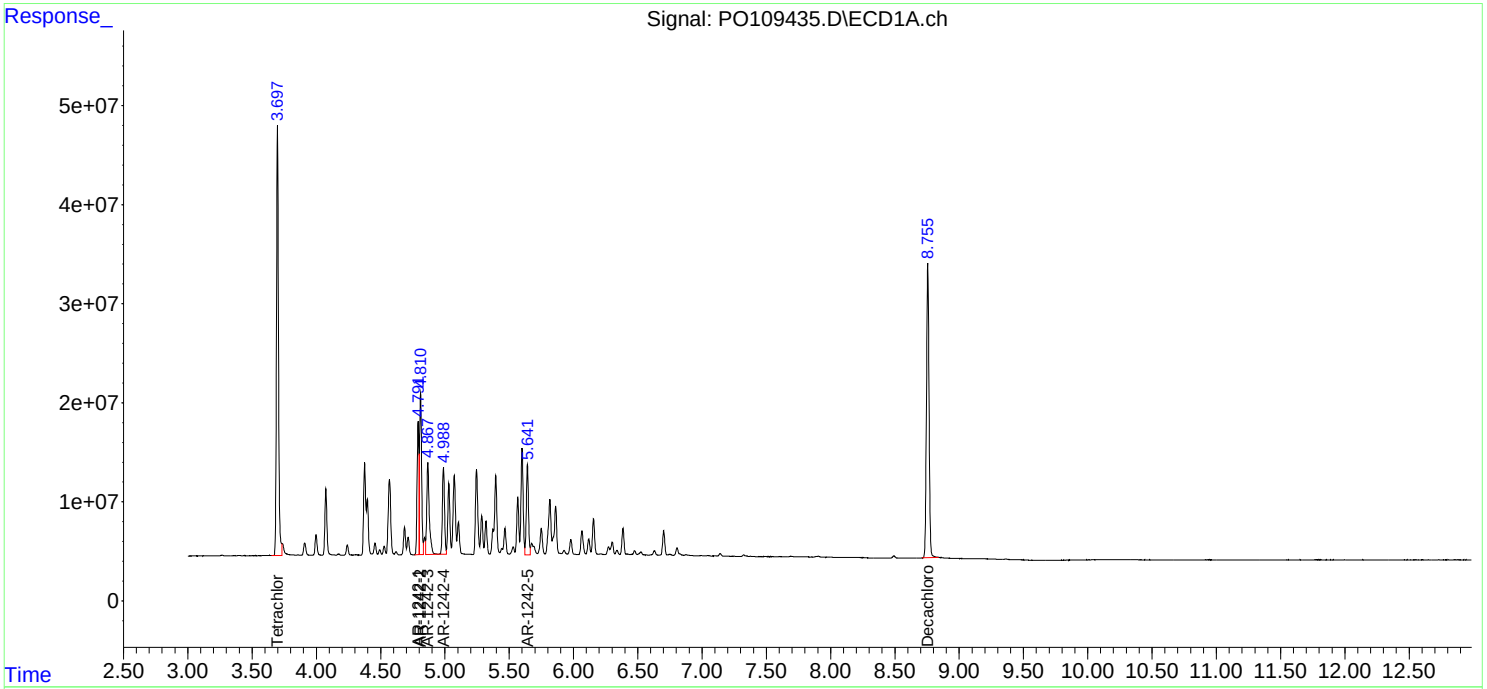
ICAL Form

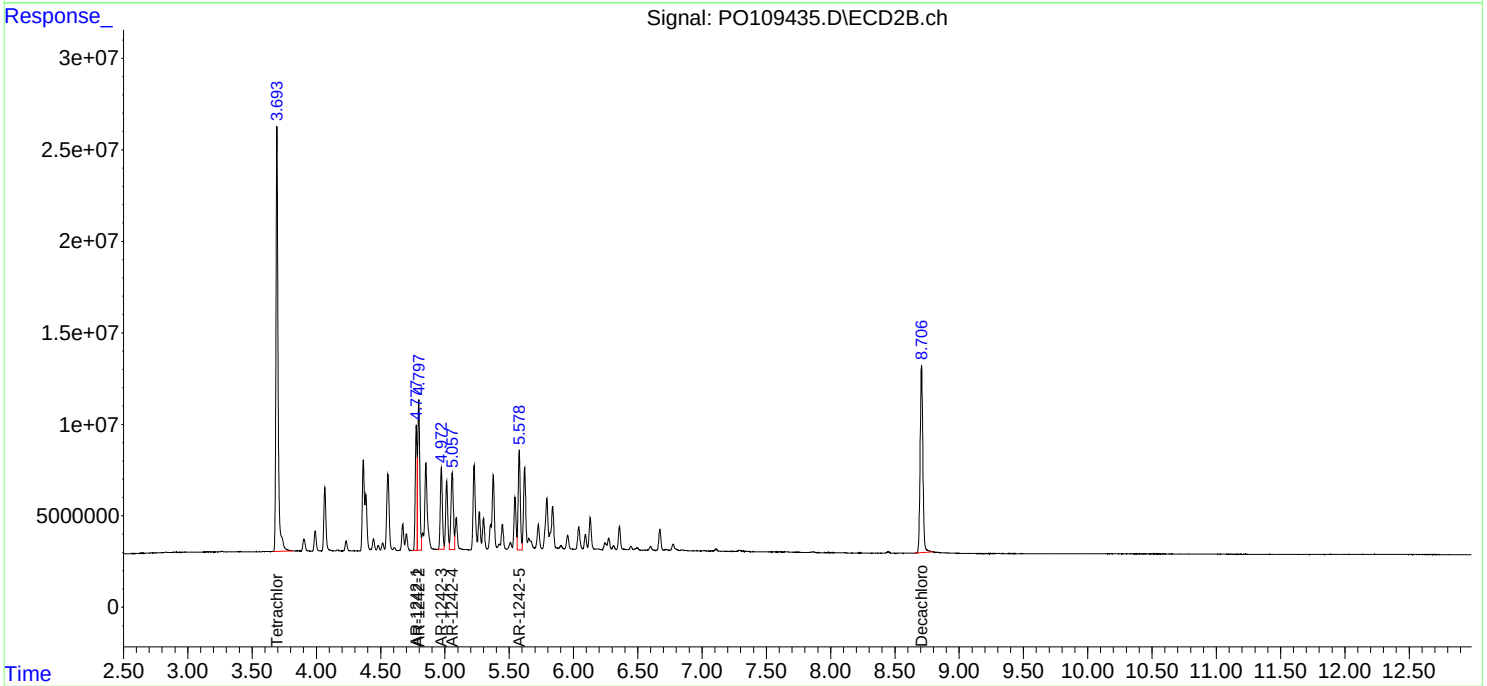
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:31
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

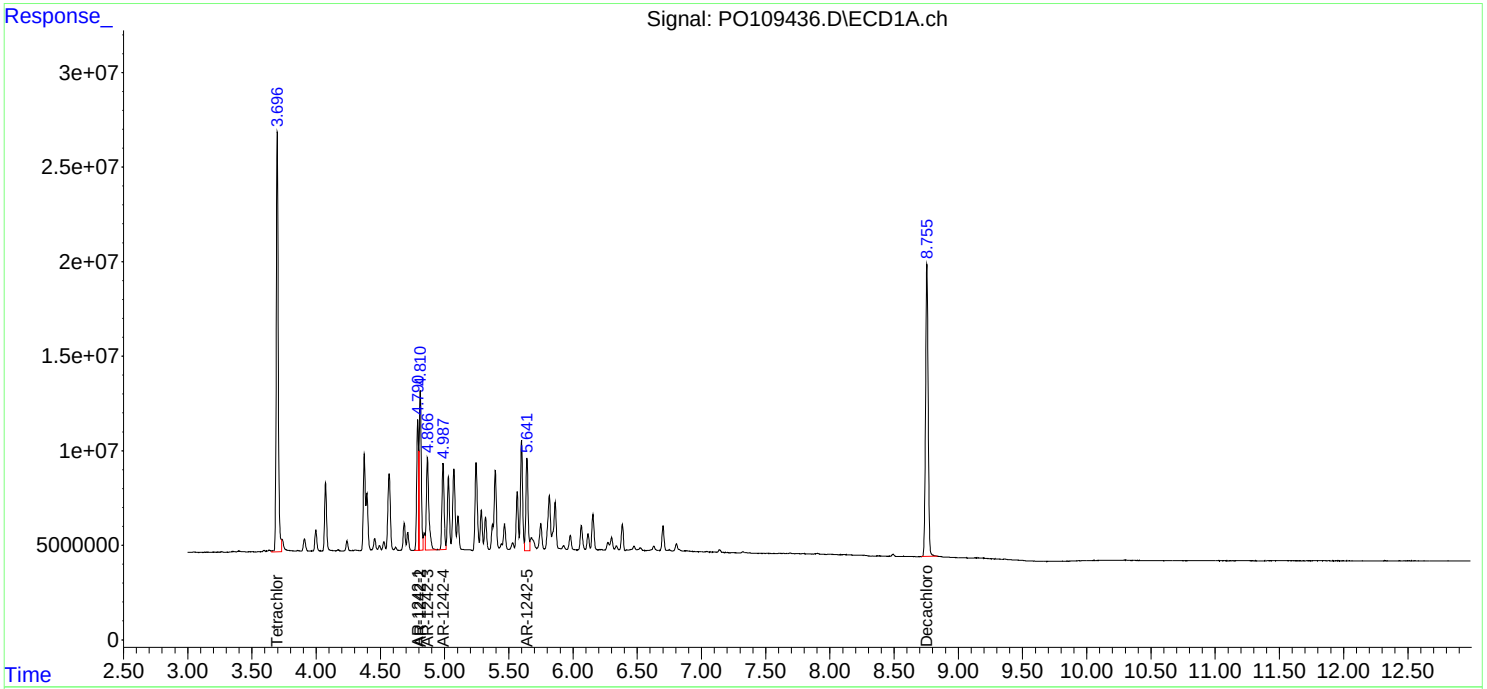
ICAL Form

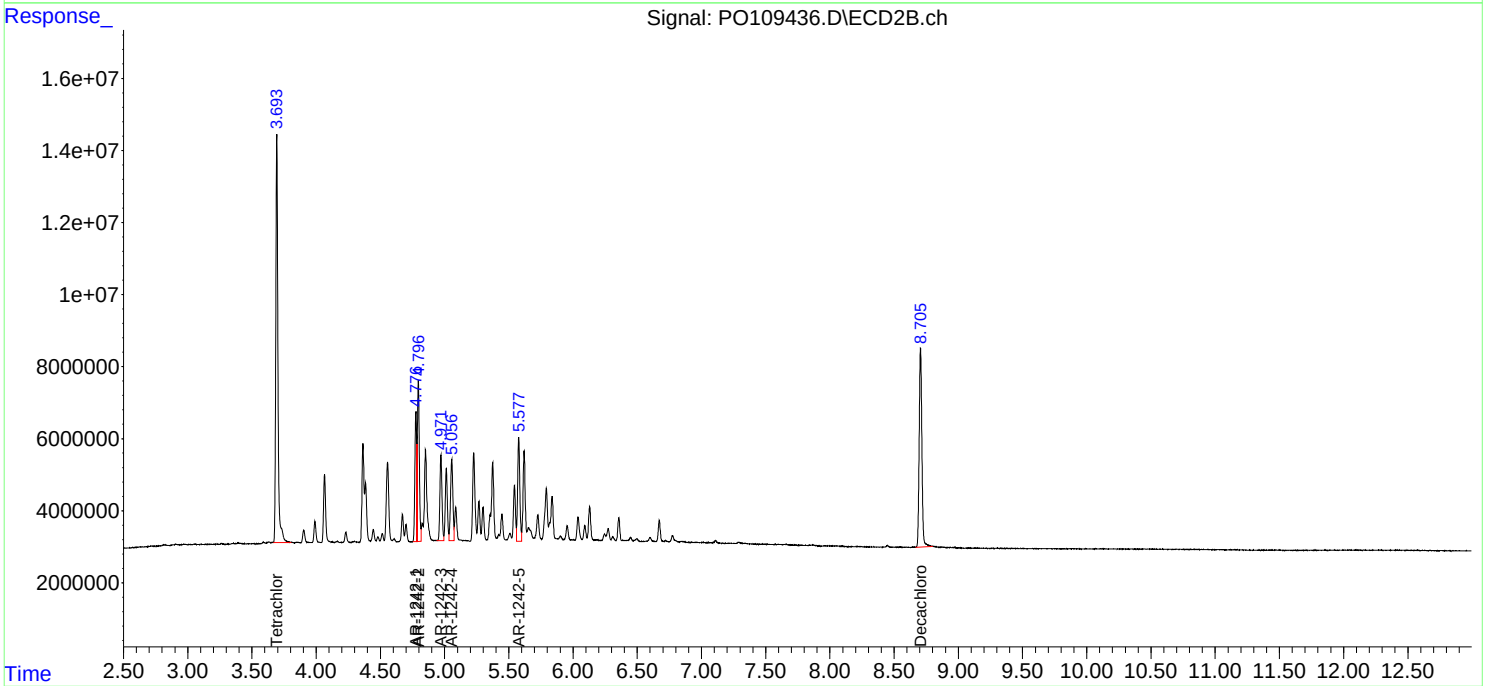
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:50
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109437.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\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

	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.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109437.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

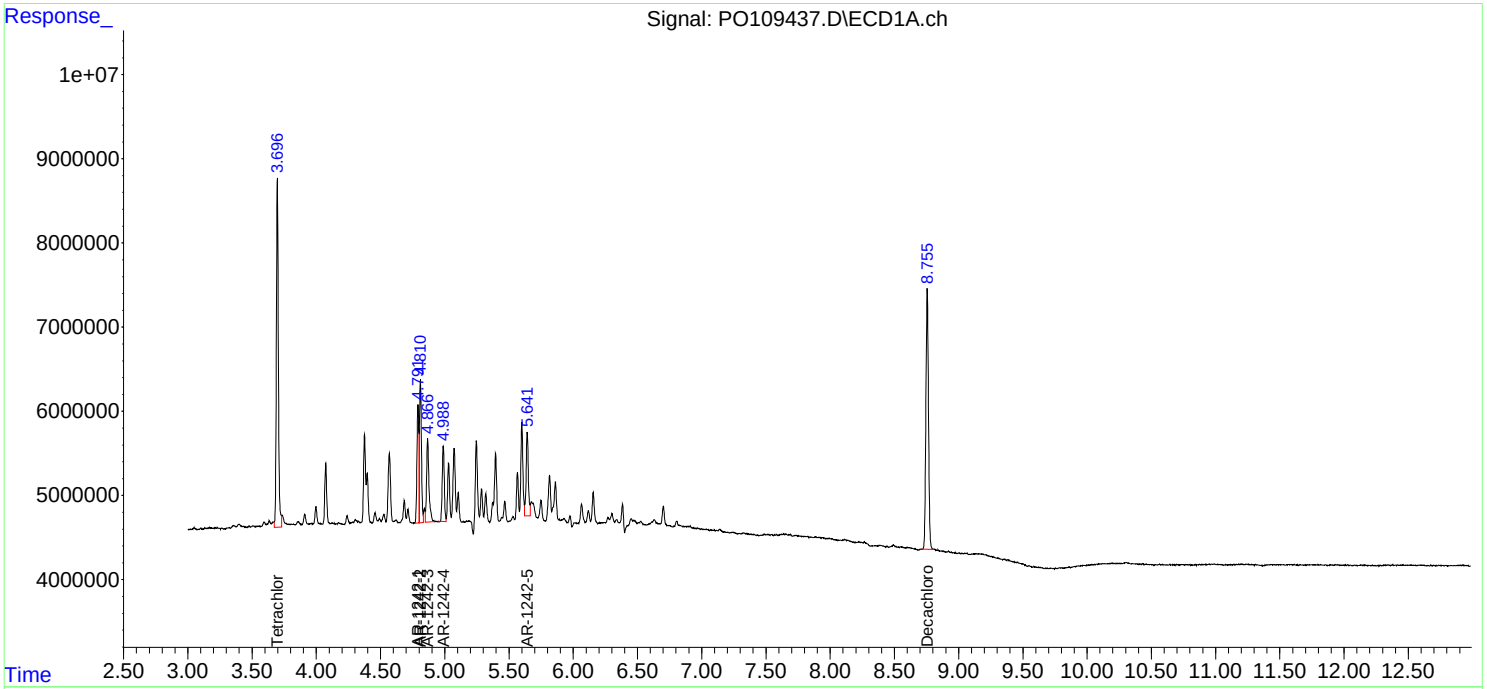
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

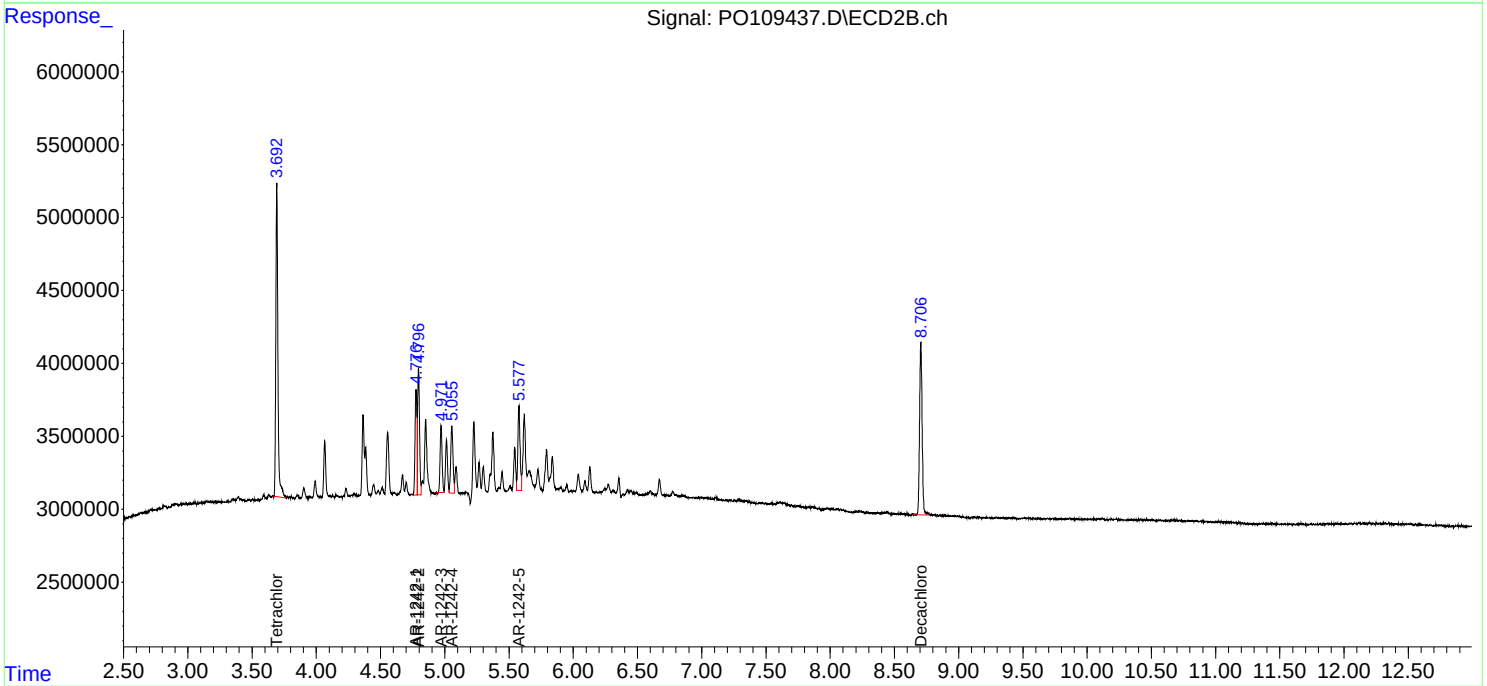
Manual Integrations APPROVED

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\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





Quantitation Report (QT Reviewed)

ICAL Form

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

	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.

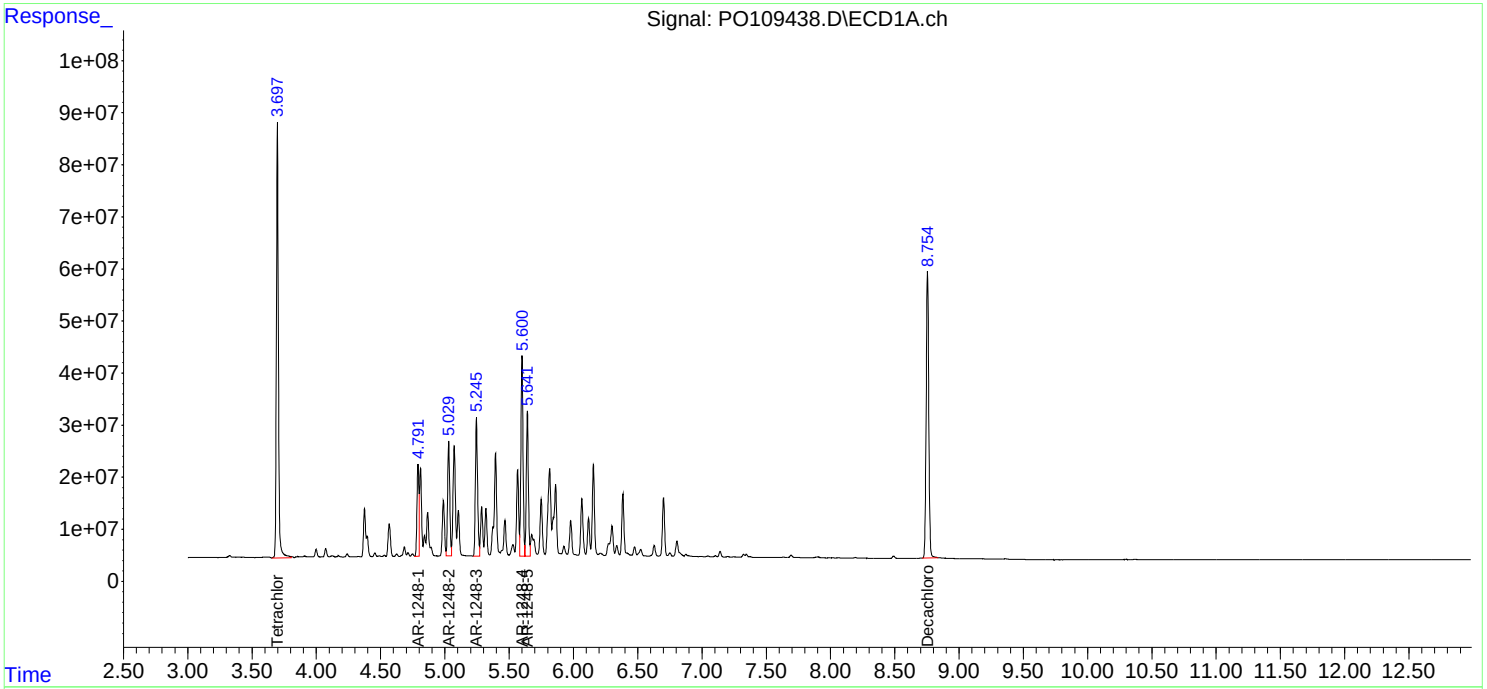
ICAL Form

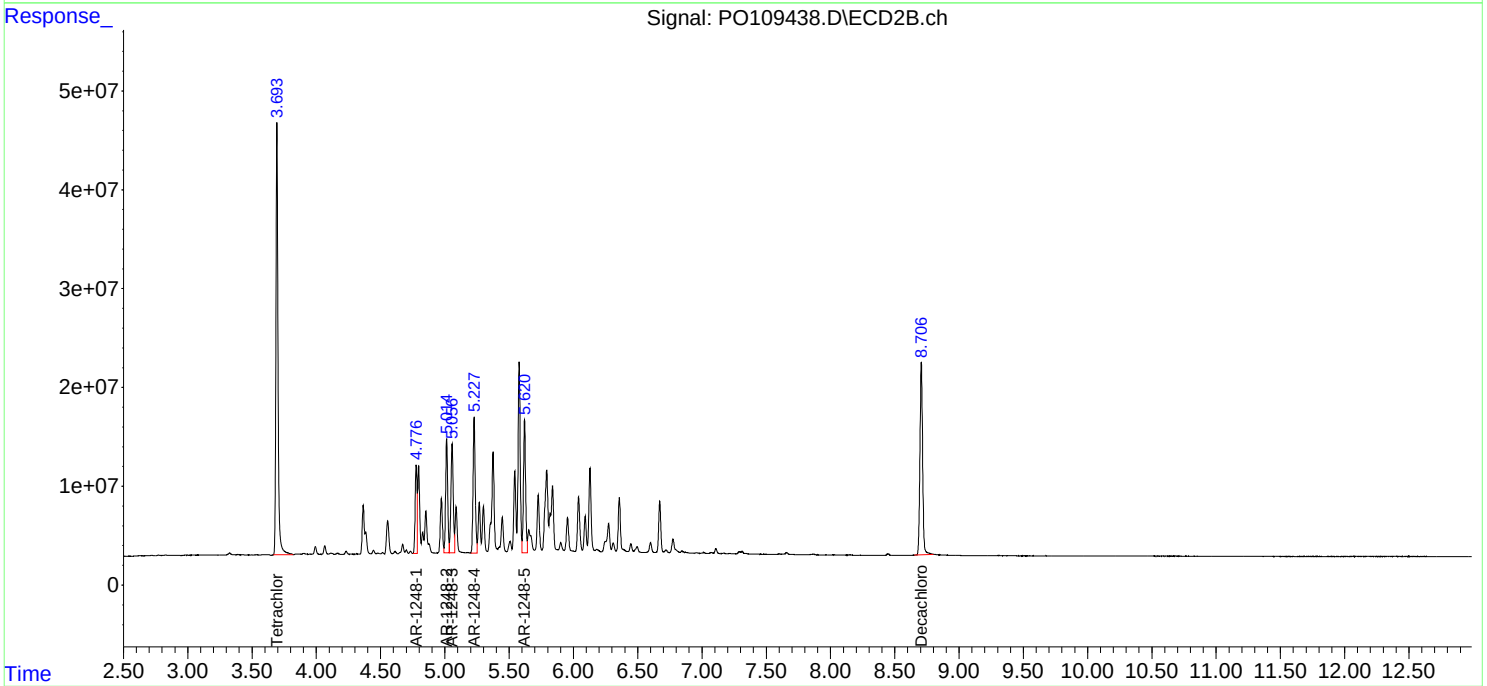
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:26
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

Quantitation Report (QT Reviewed)

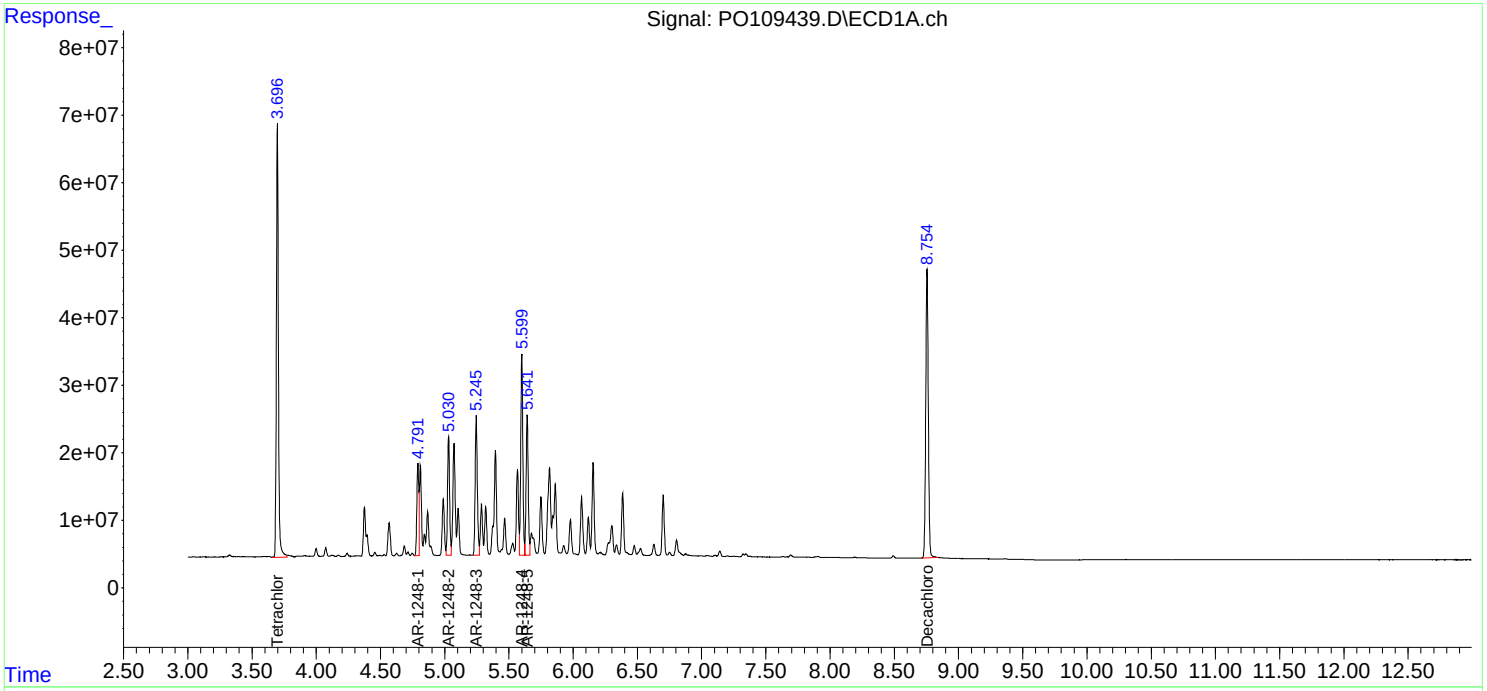
ICAL Form

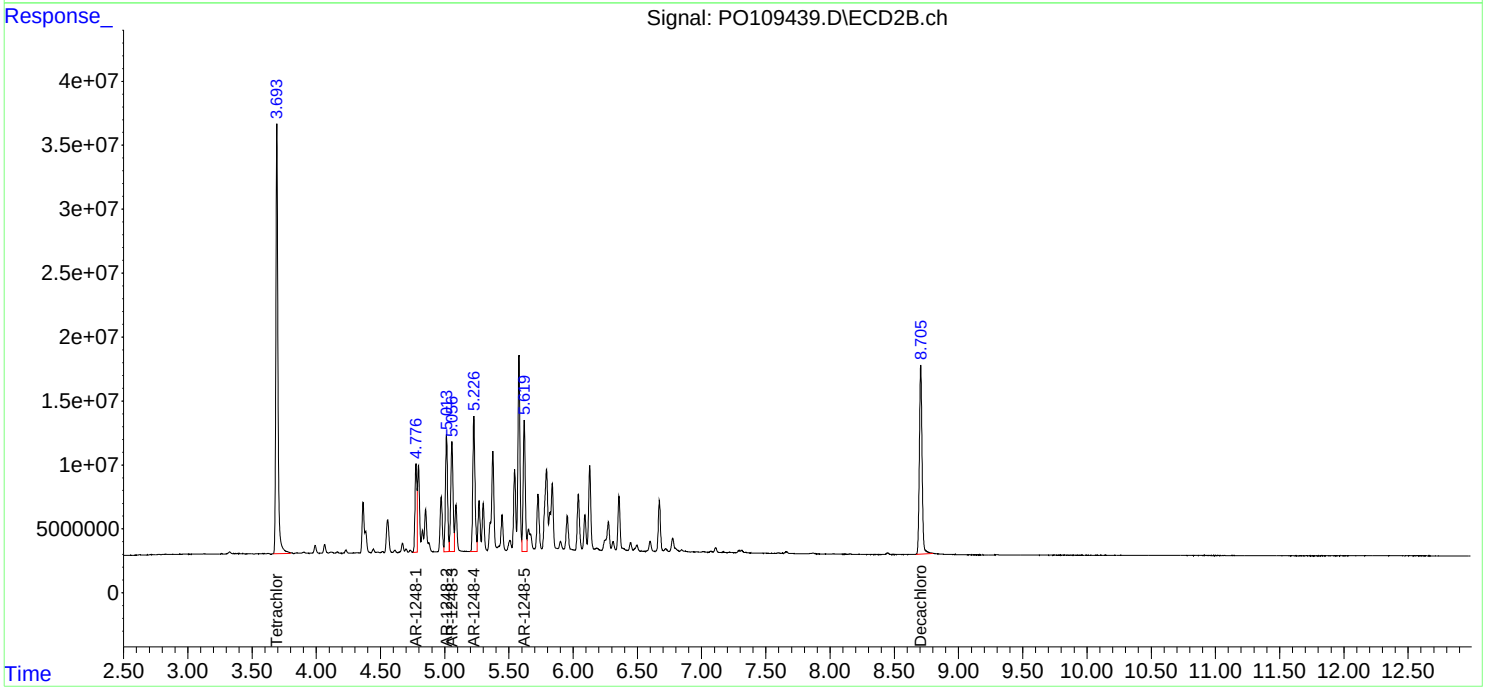
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:45
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

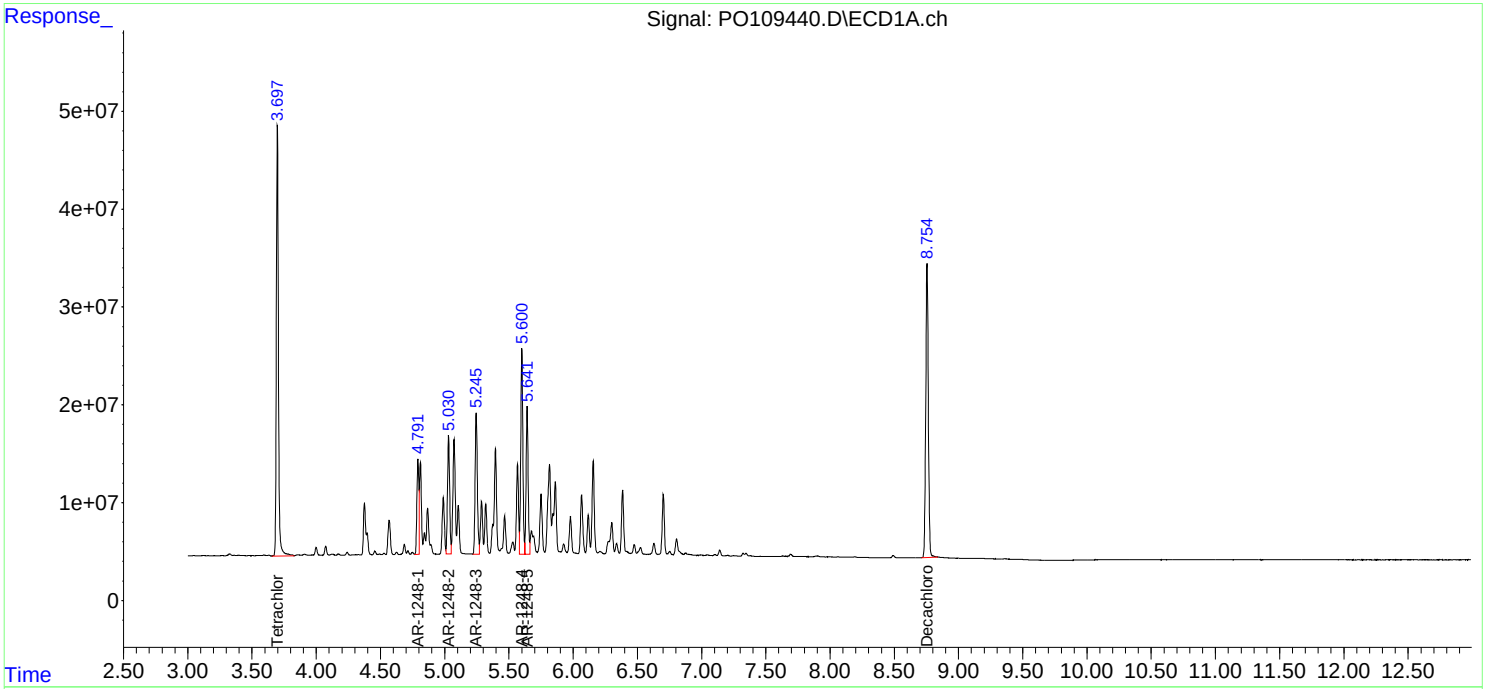
ICAL Form

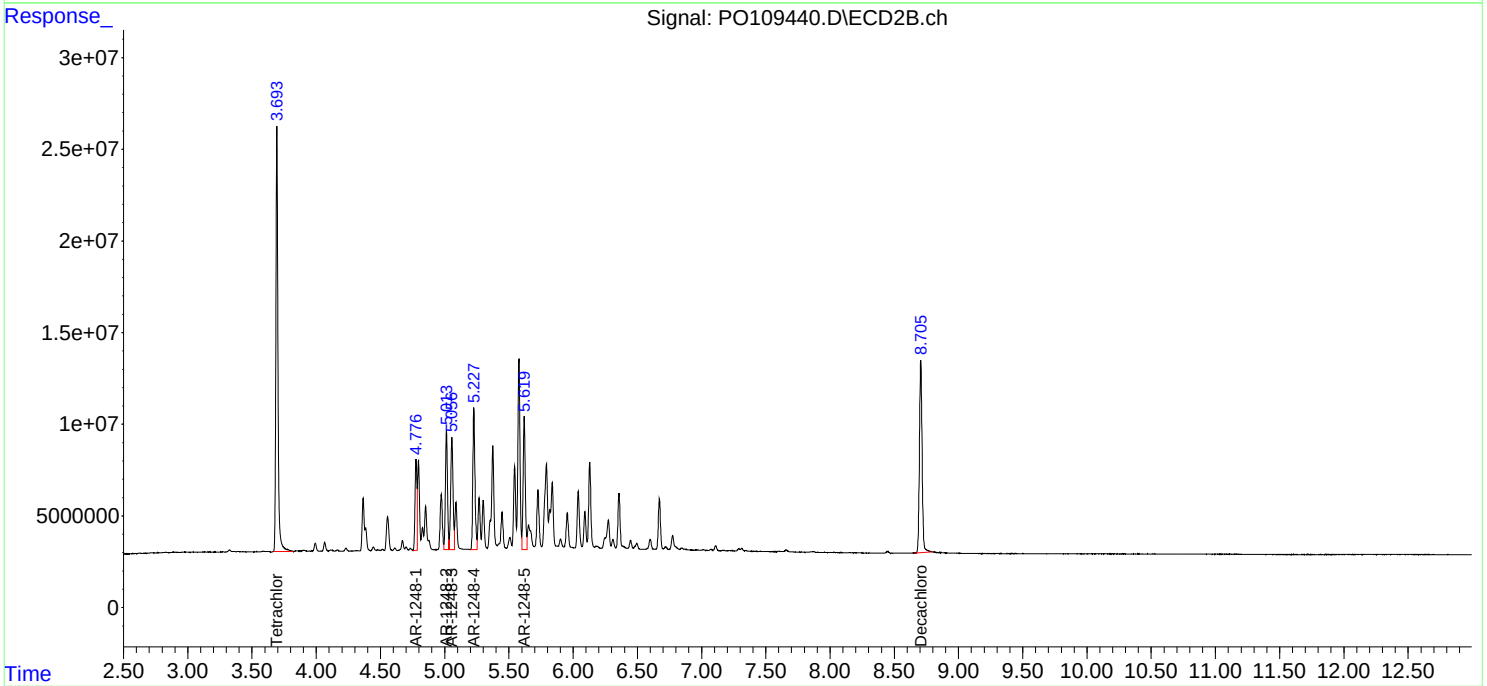
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:03
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

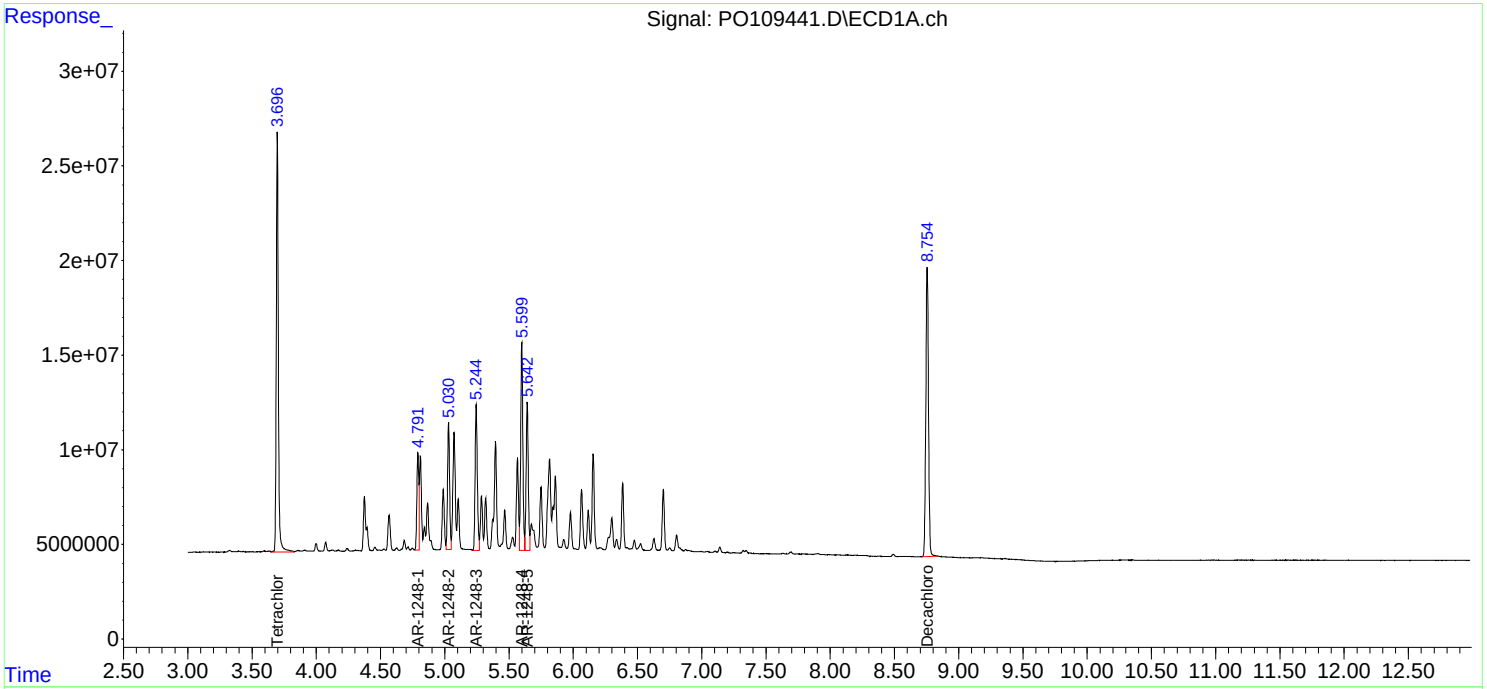
ICAL Form

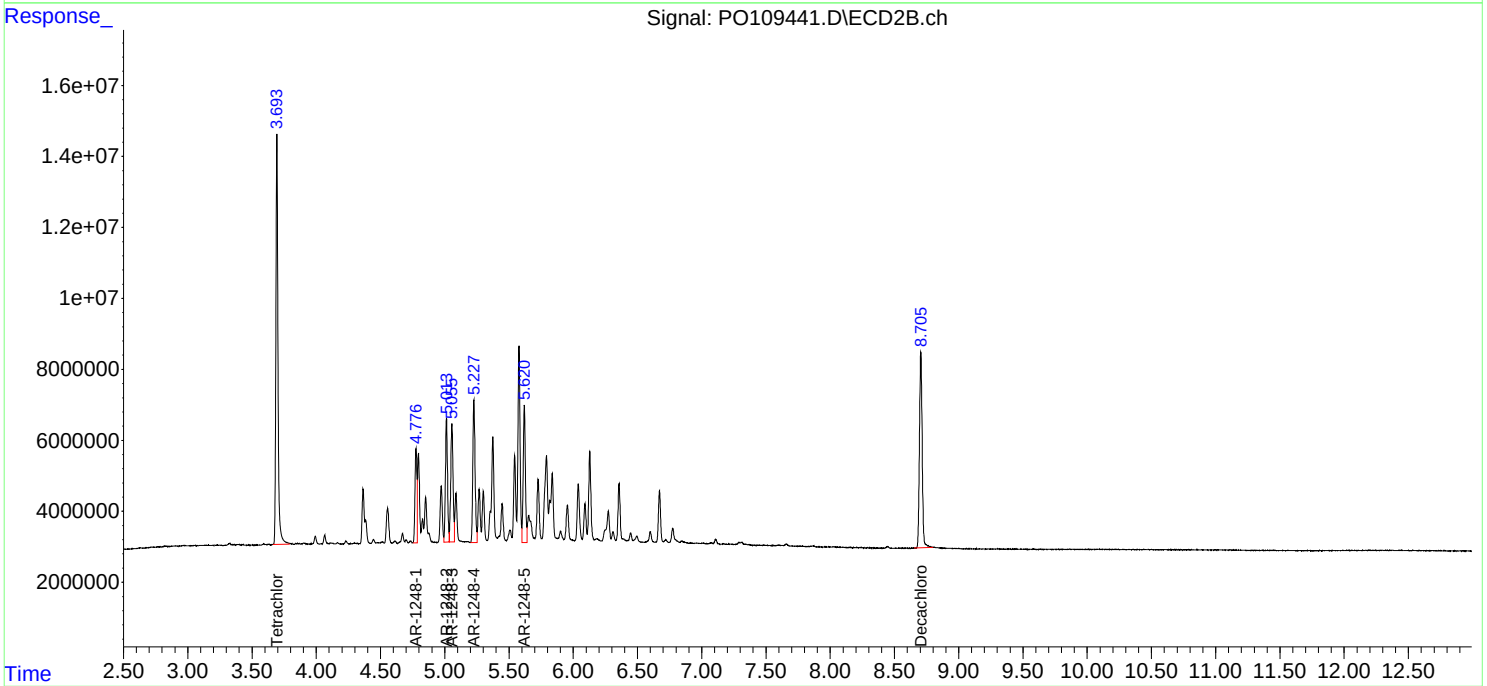
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:21
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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

	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.

ICAL Form

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

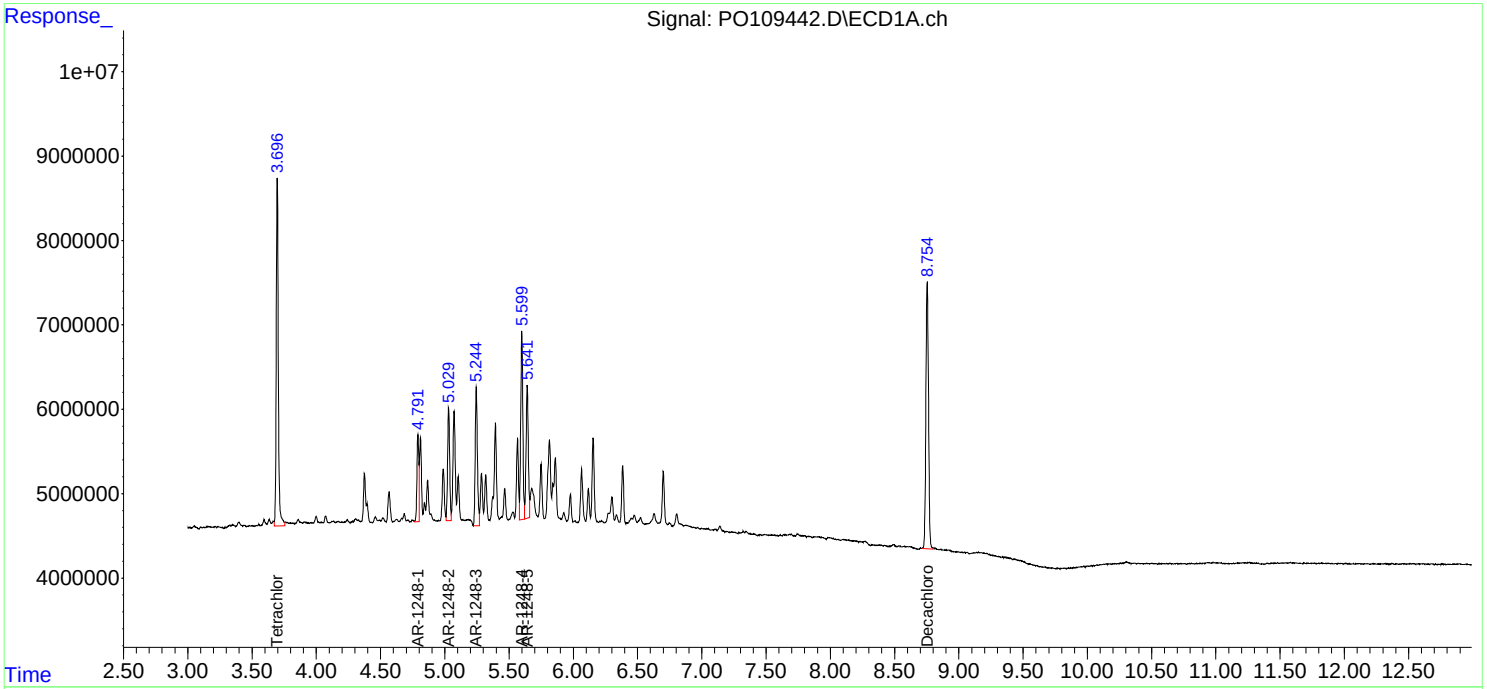
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

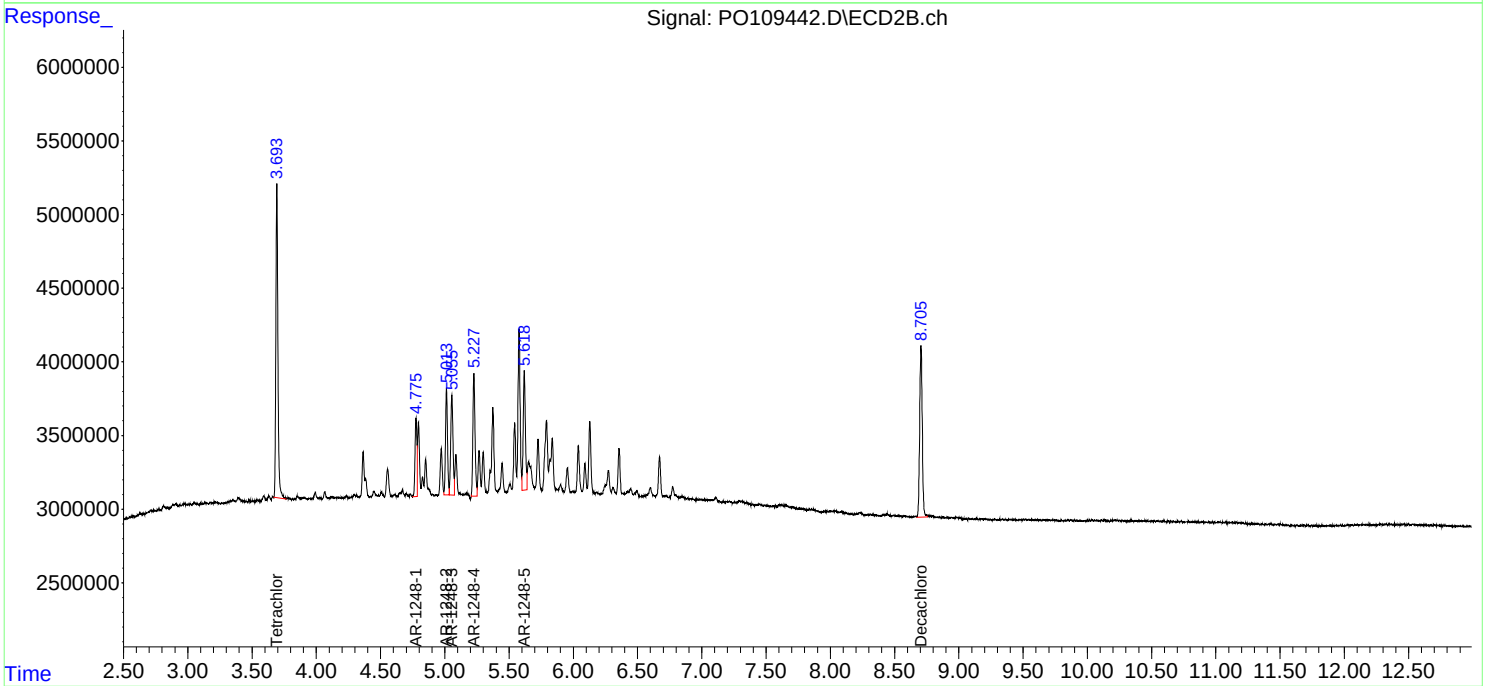
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

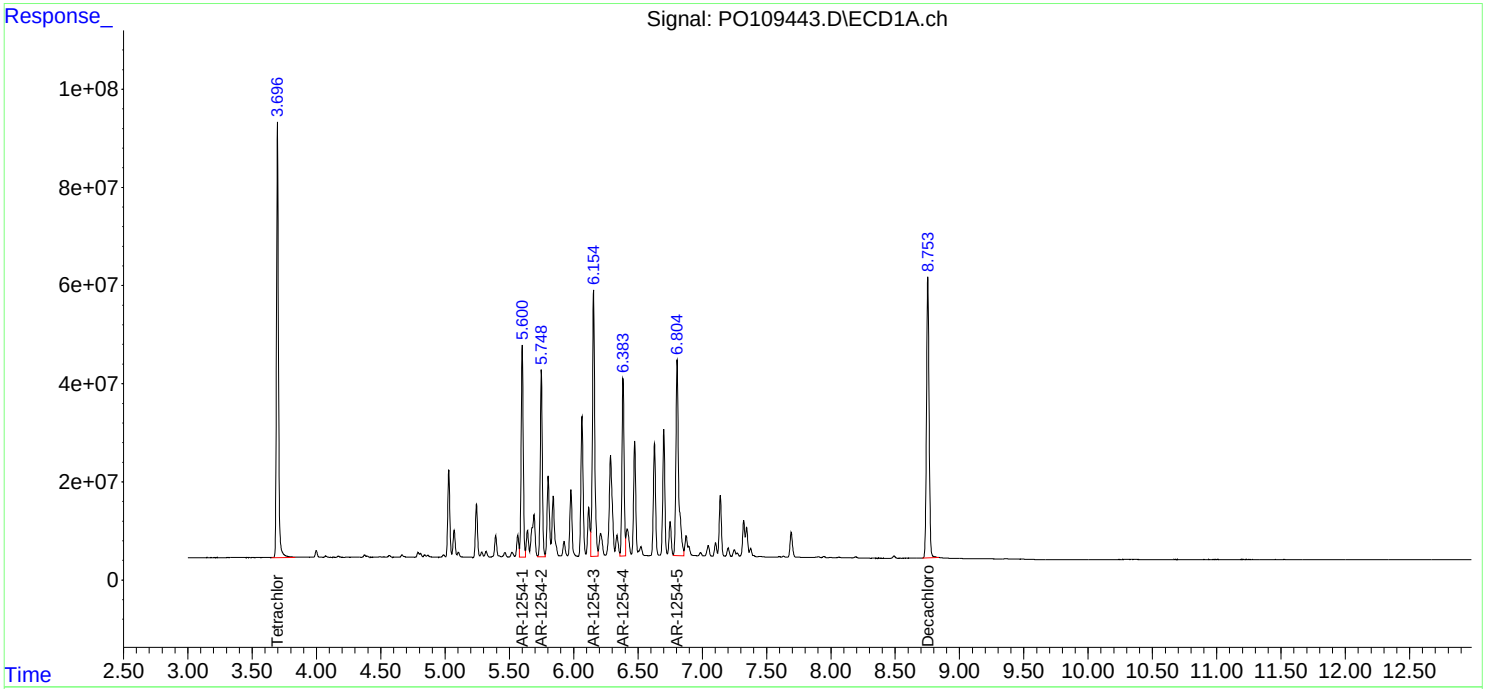
ICAL Form

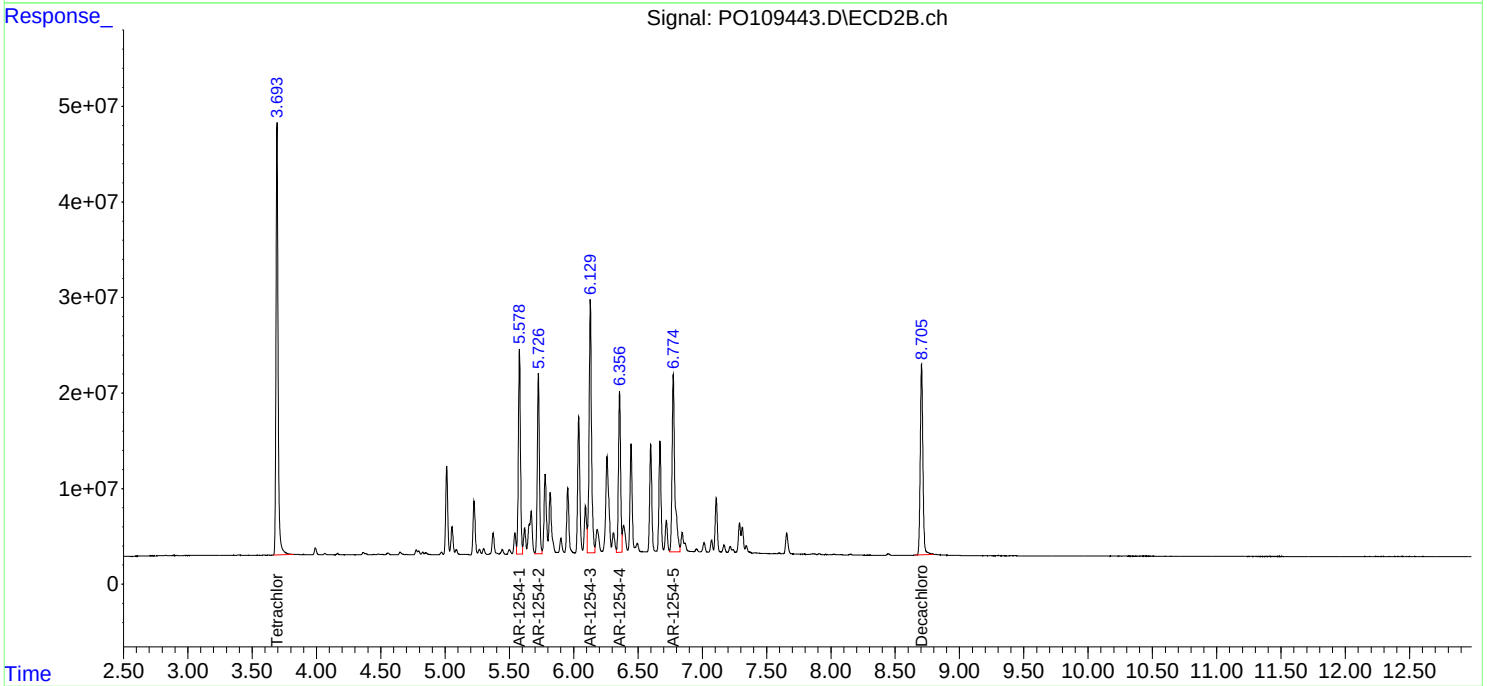
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:58
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

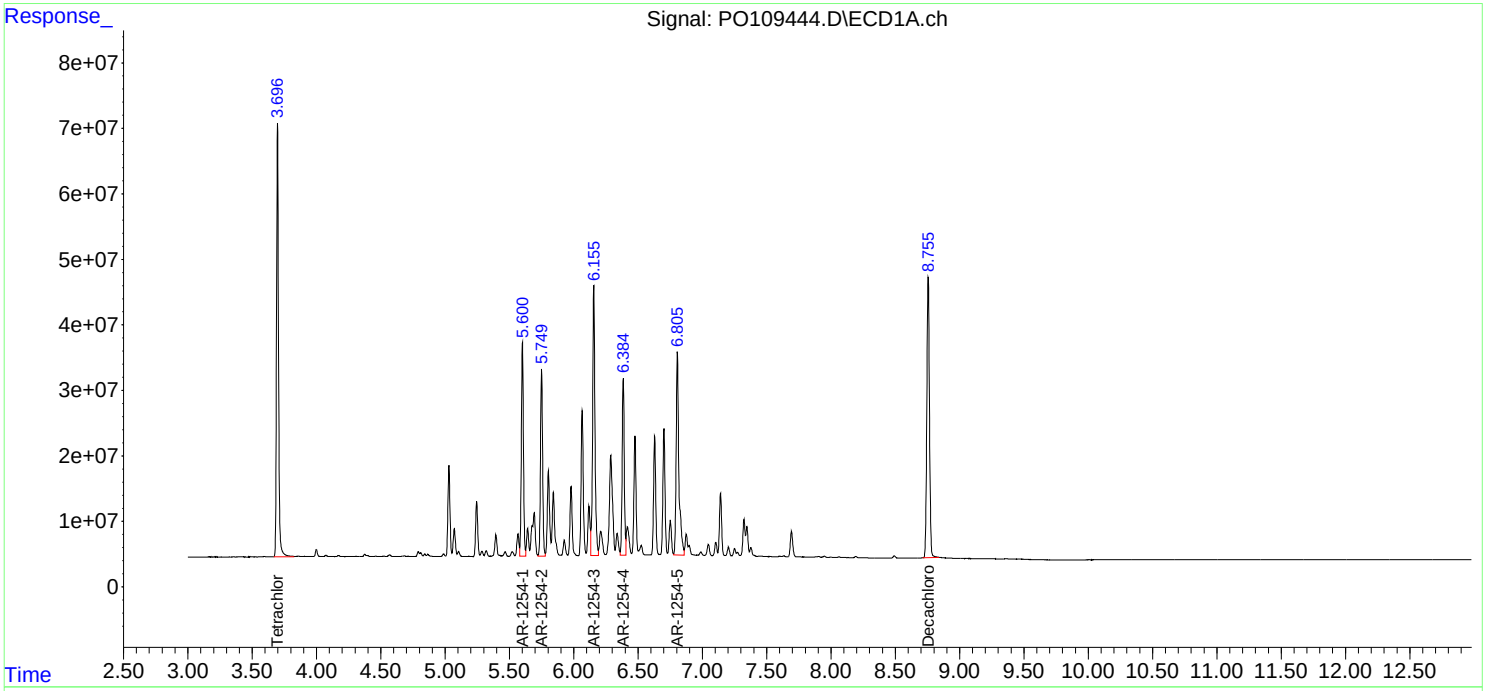
ICAL Form

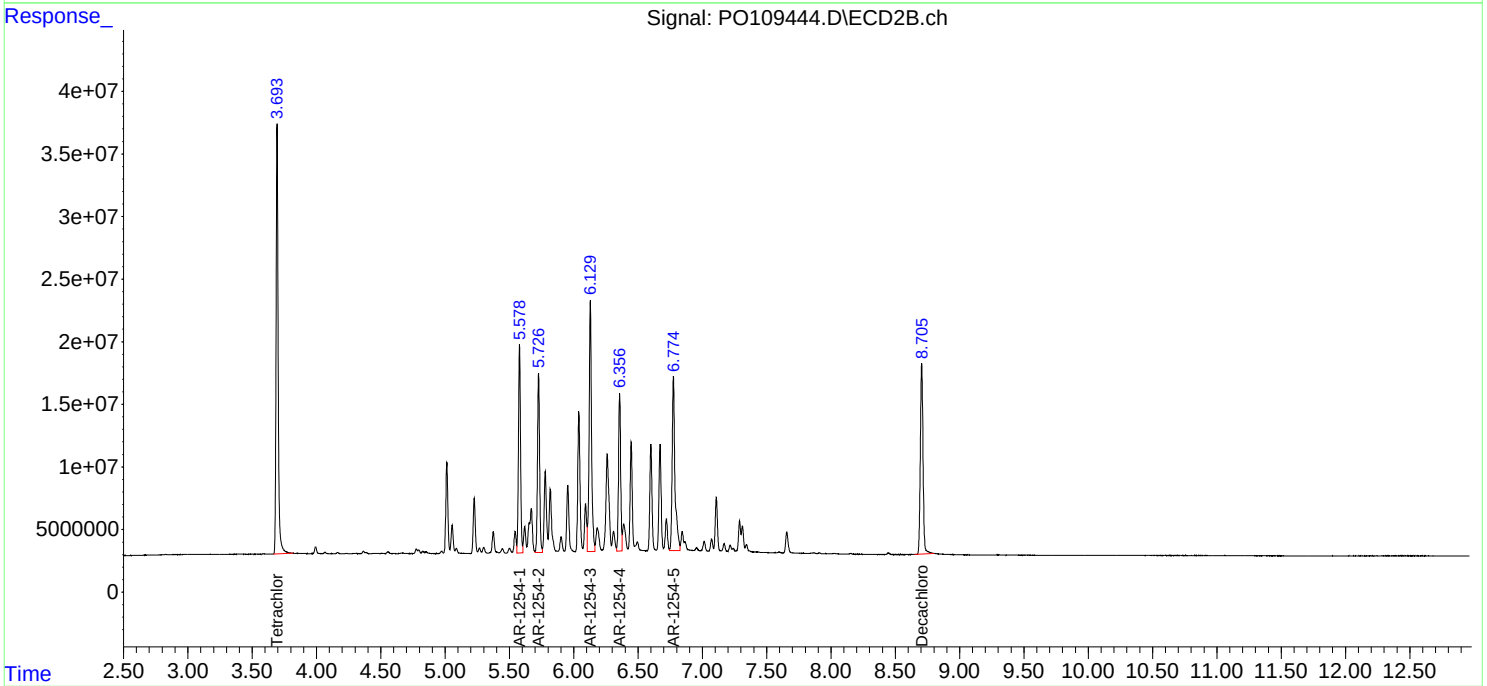
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

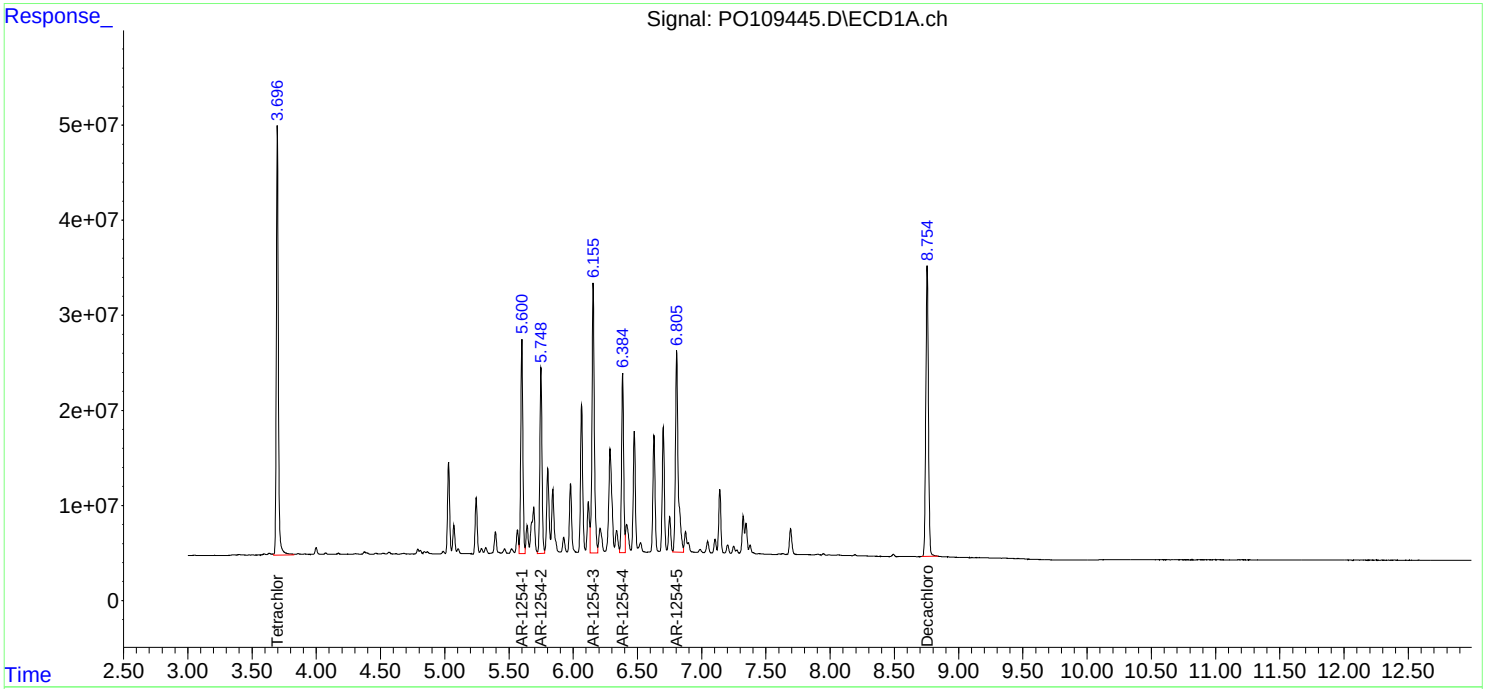
ICAL Form

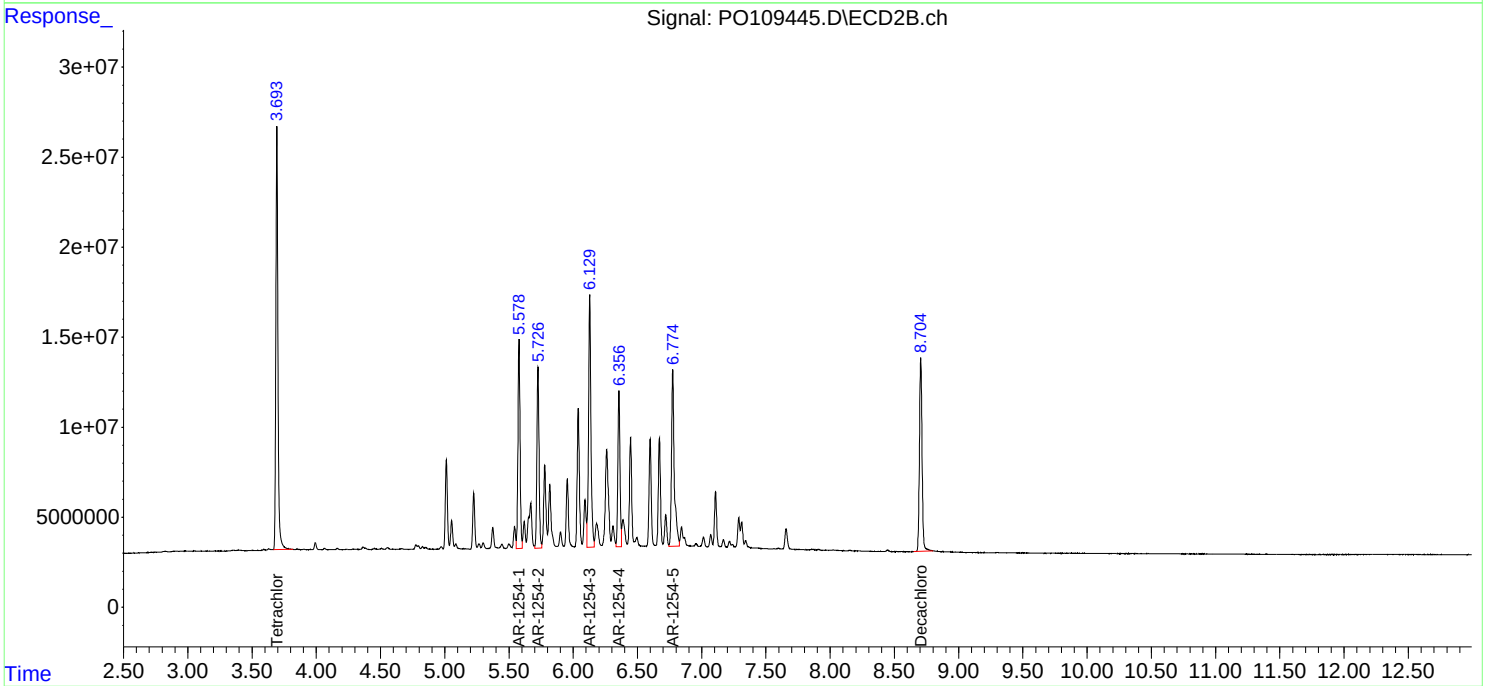
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:35
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

Quantitation Report (QT Reviewed)

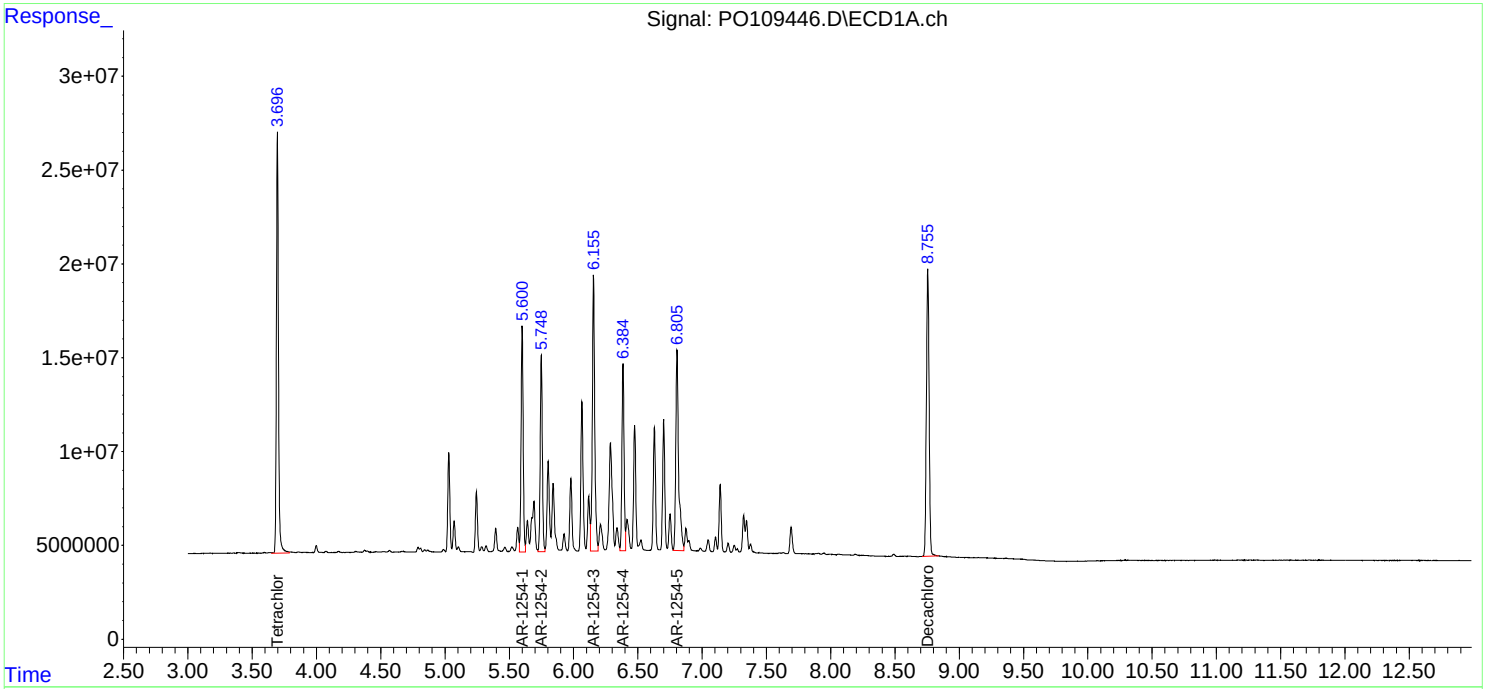
ICAL Form

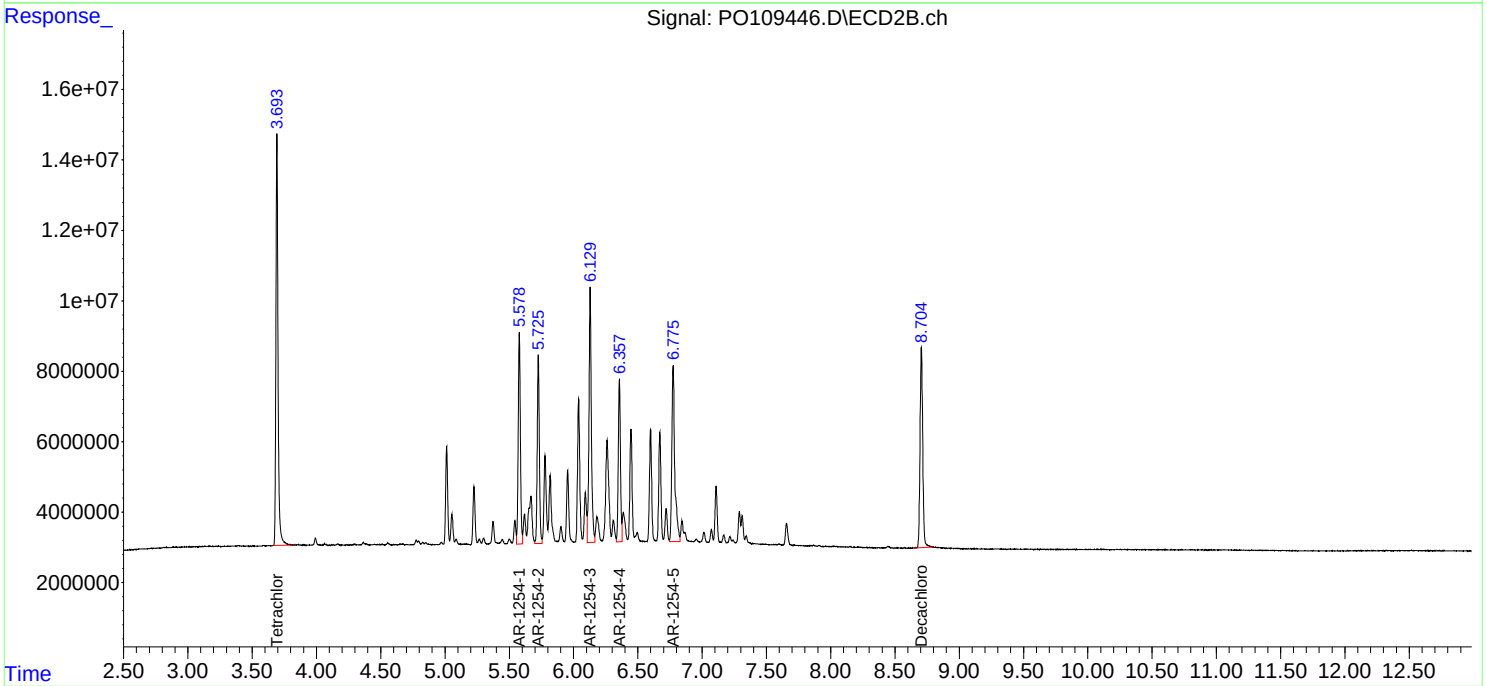
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:53
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

ICAL Form

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

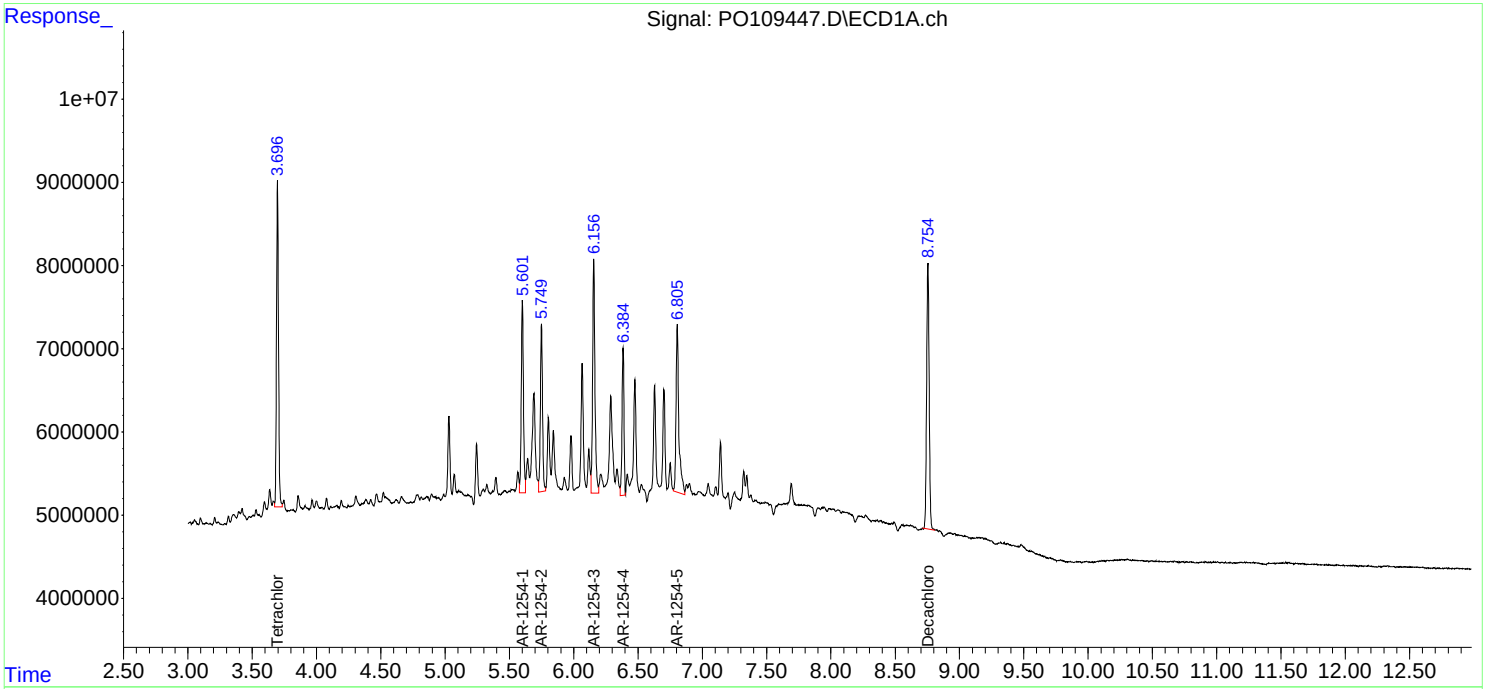
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

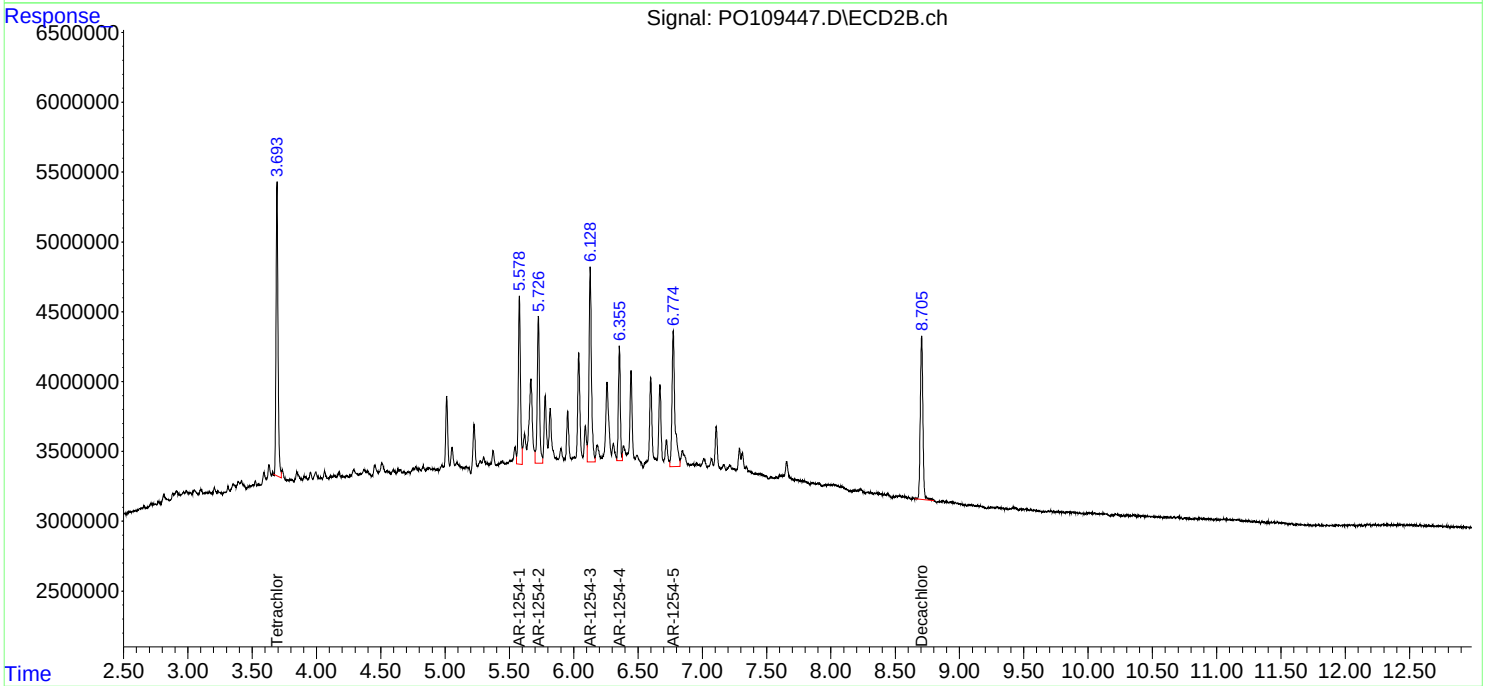
Manual Integrations APPROVED

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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

	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.

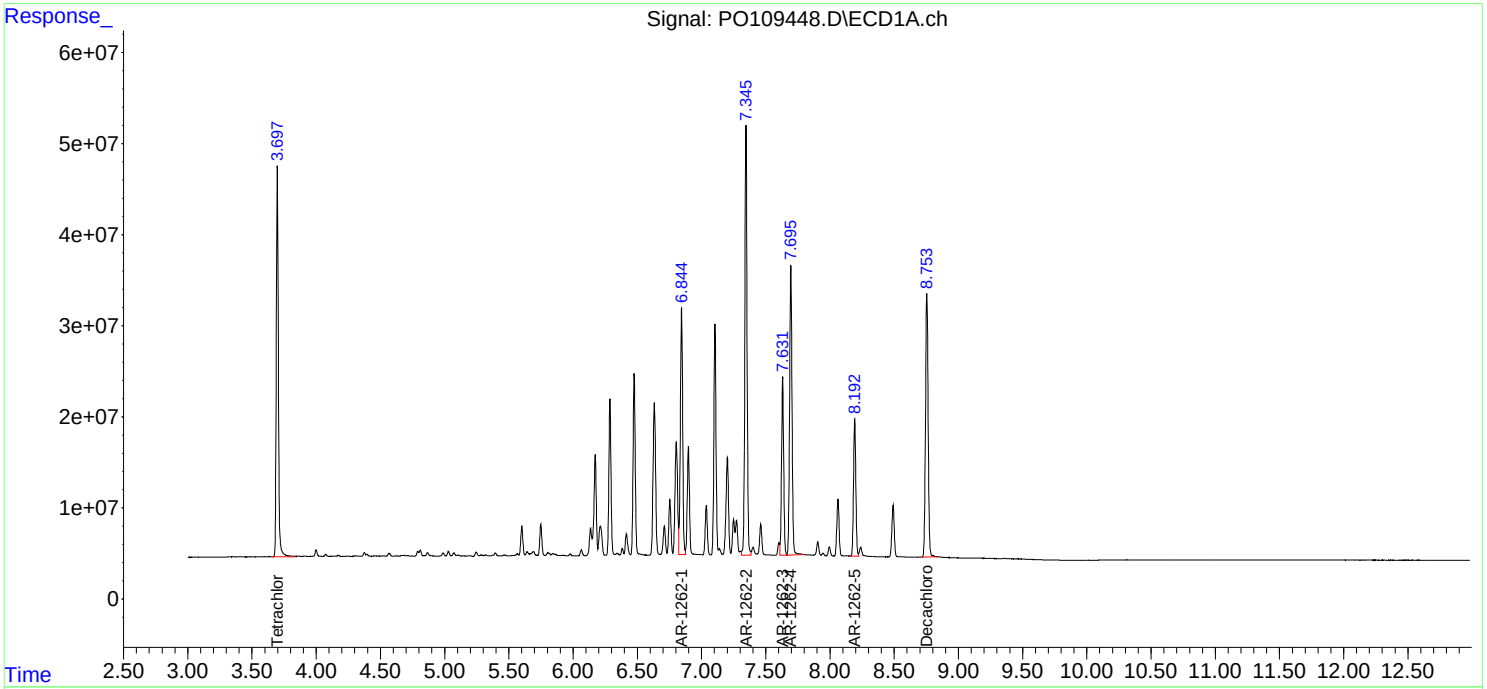
ICAL Form

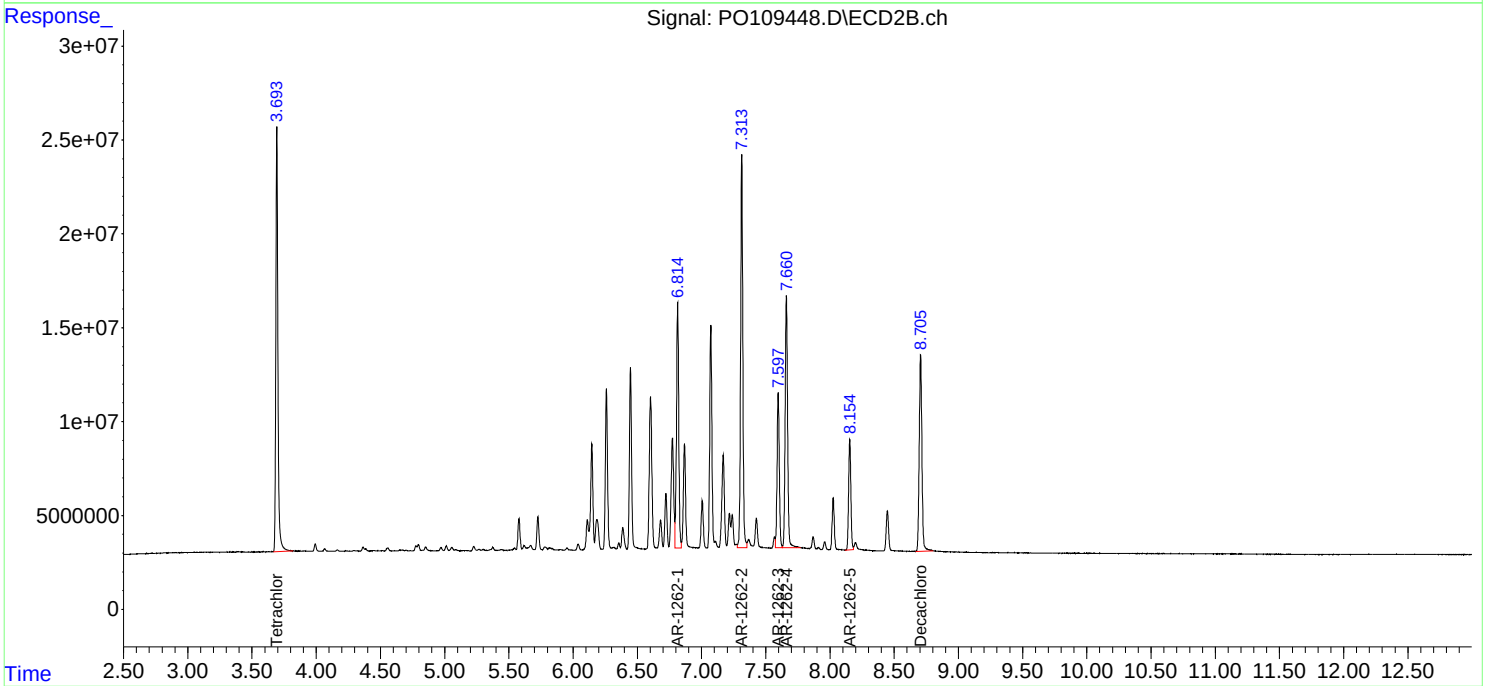
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:30
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

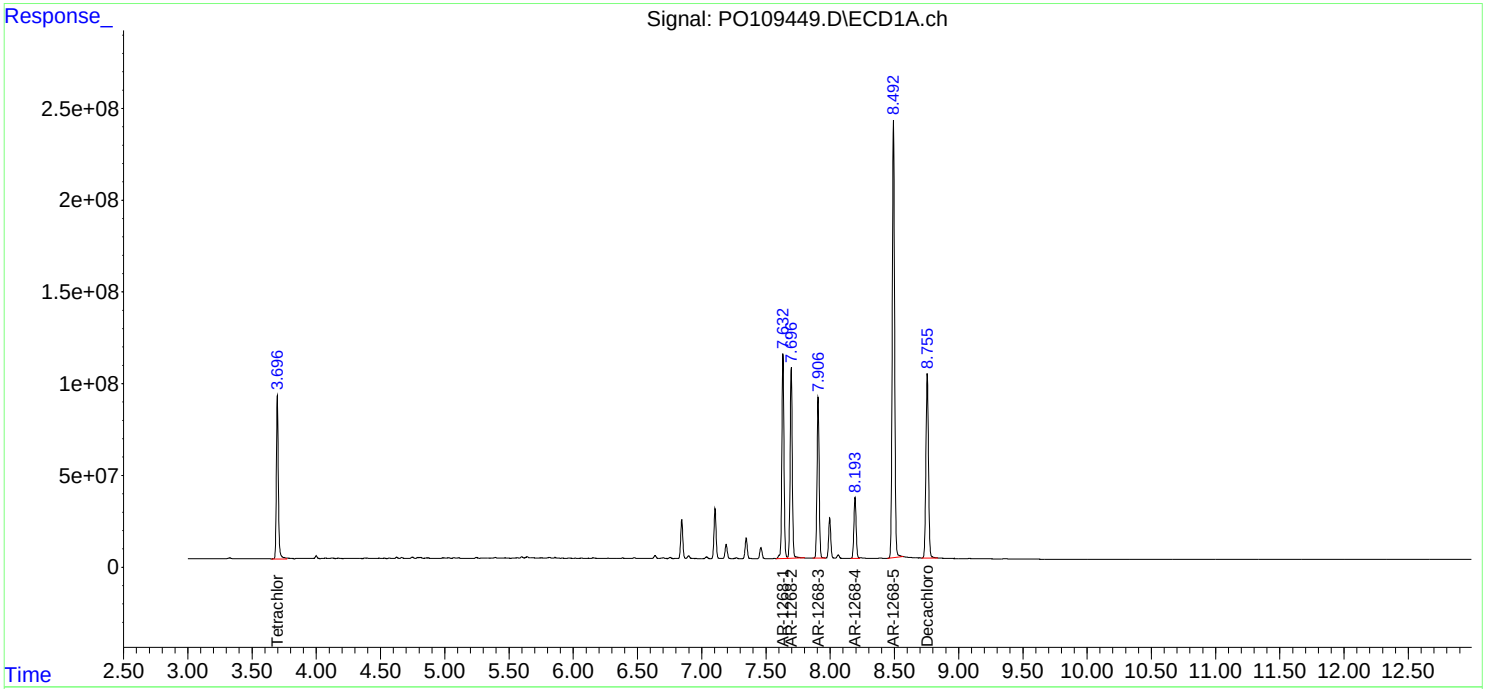
ICAL Form

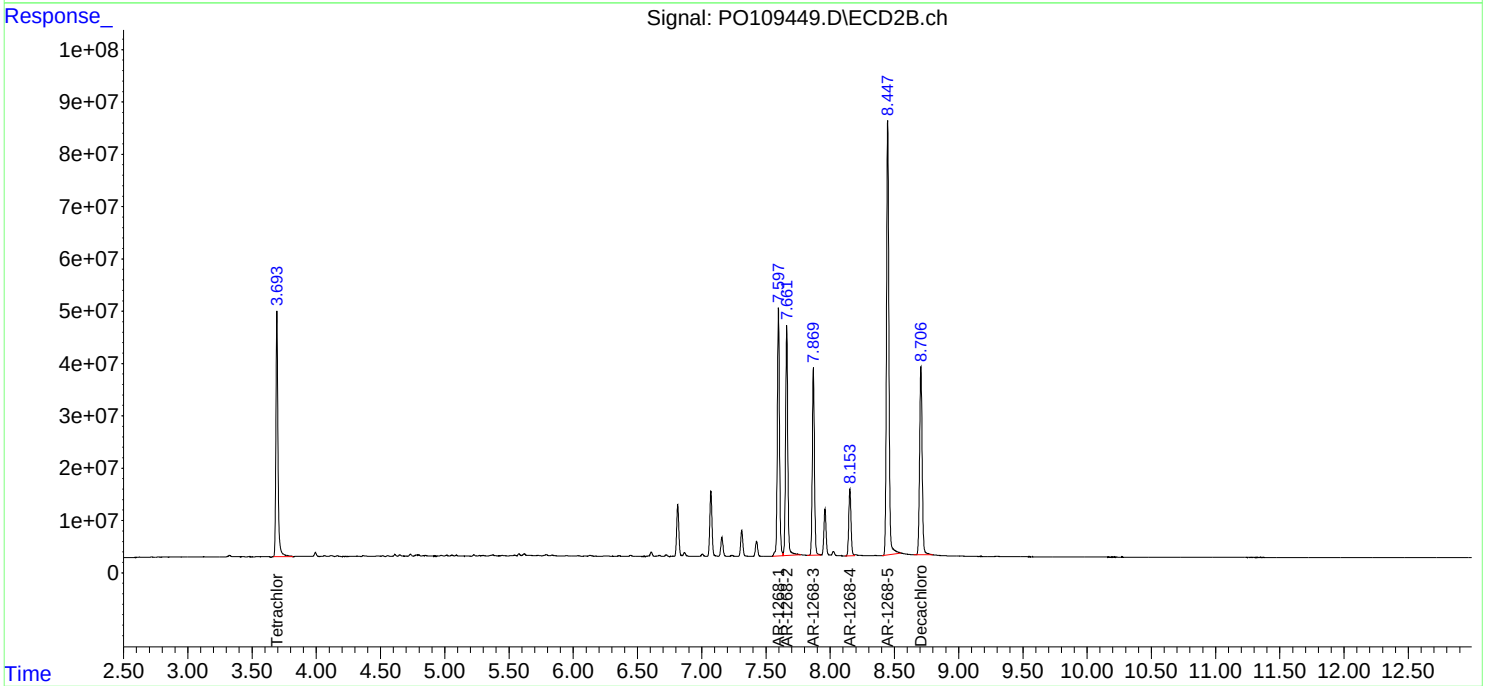
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:48
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

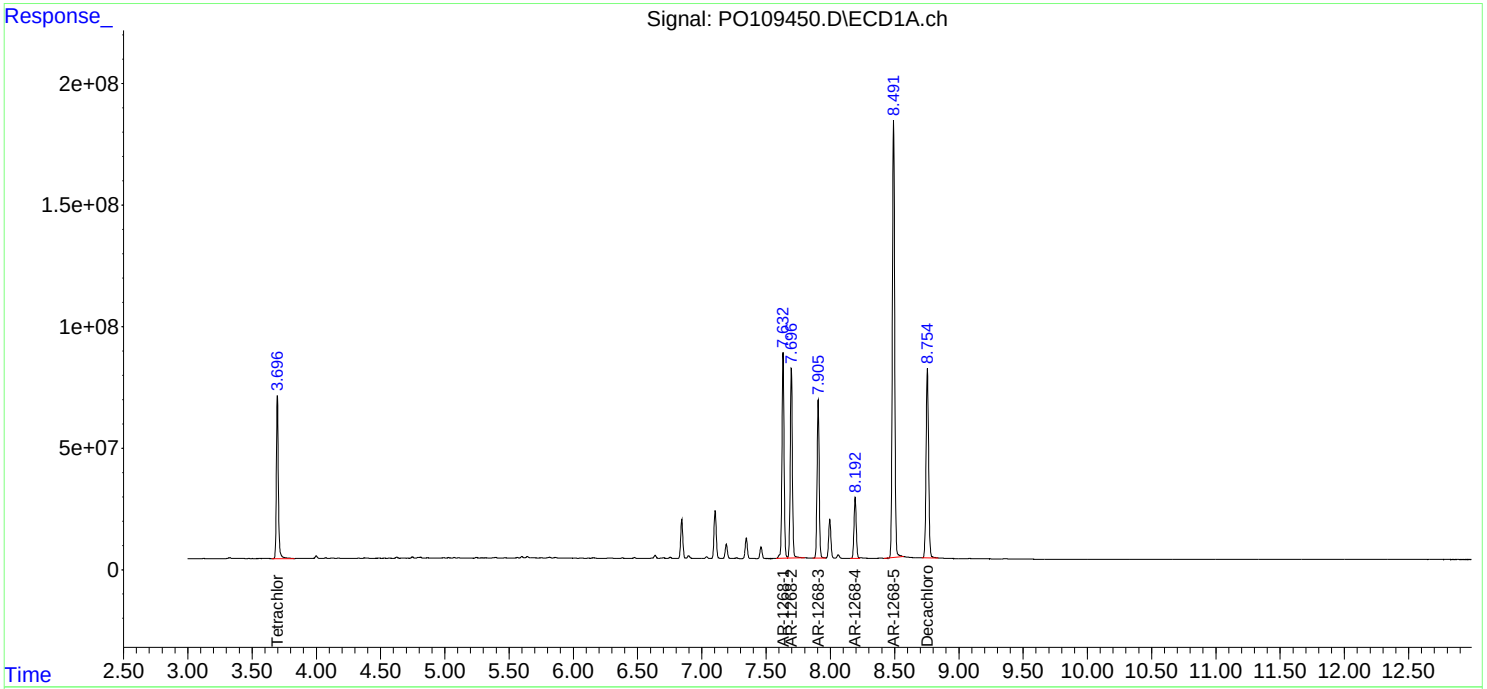
ICAL Form

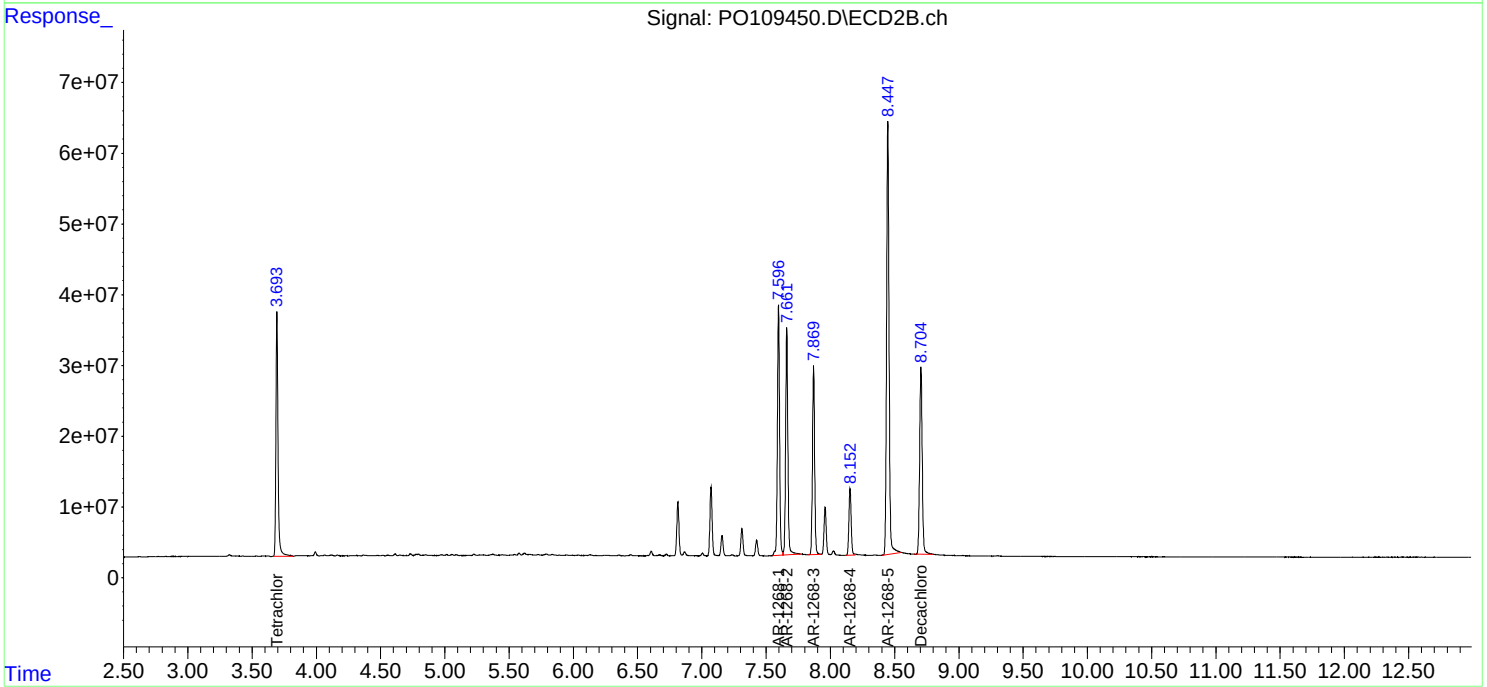
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:07
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109451.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\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 0.50µ Signal #2 Info : 30M x 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.

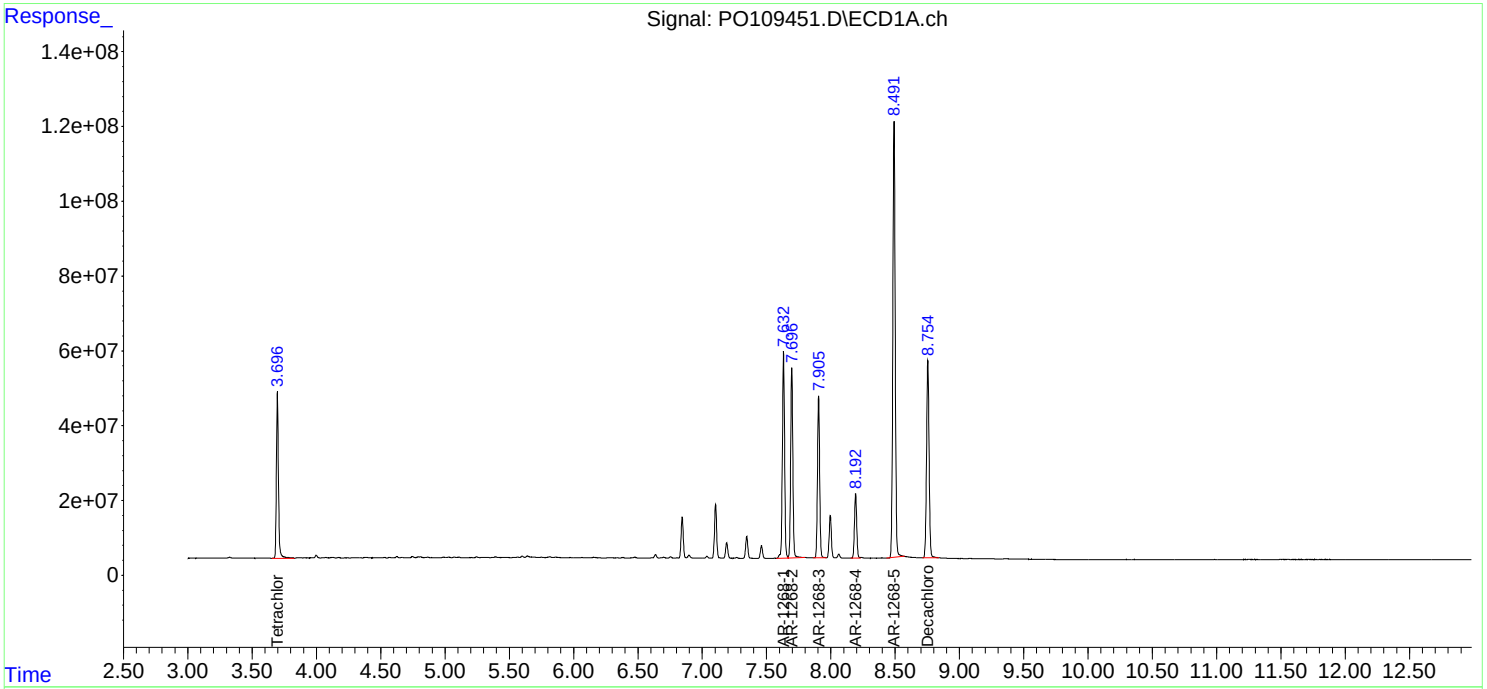
ICAL Form

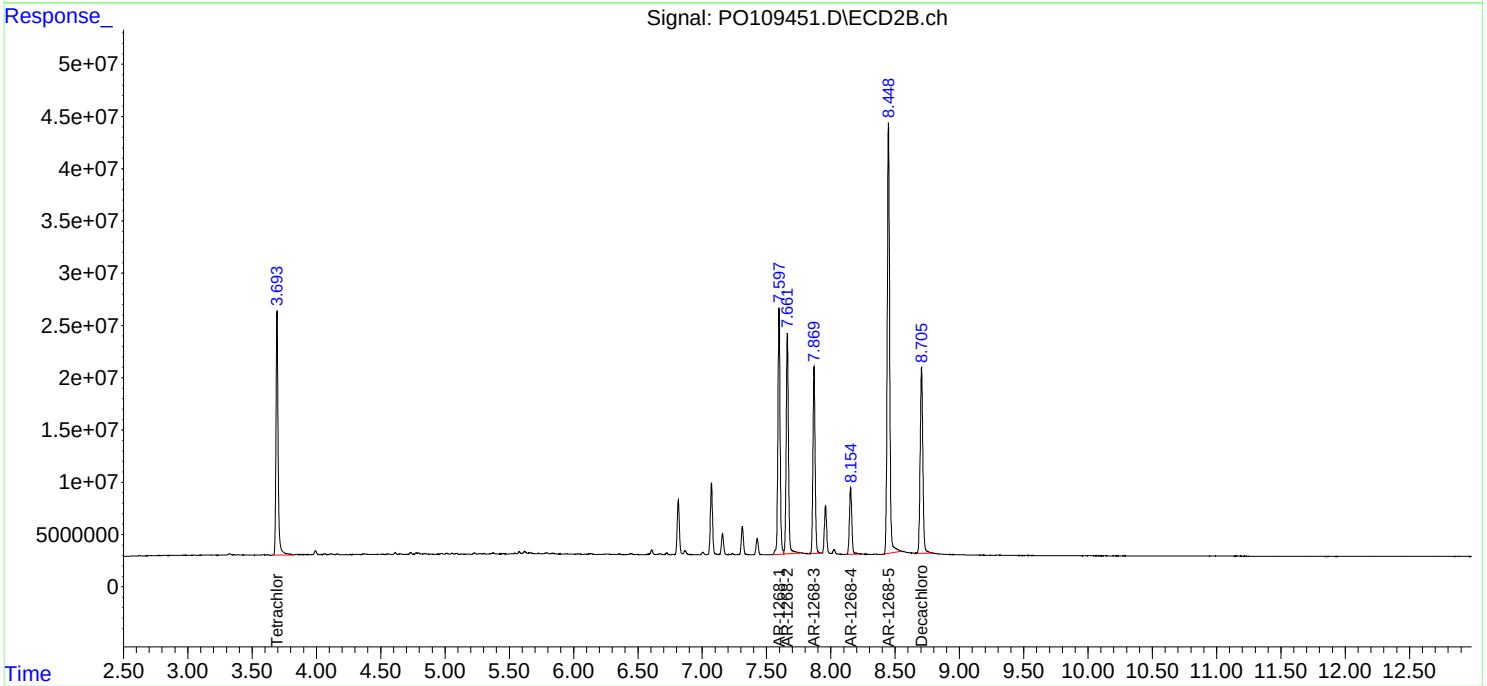
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:25
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

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\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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

Quantitation Report (QT Reviewed)

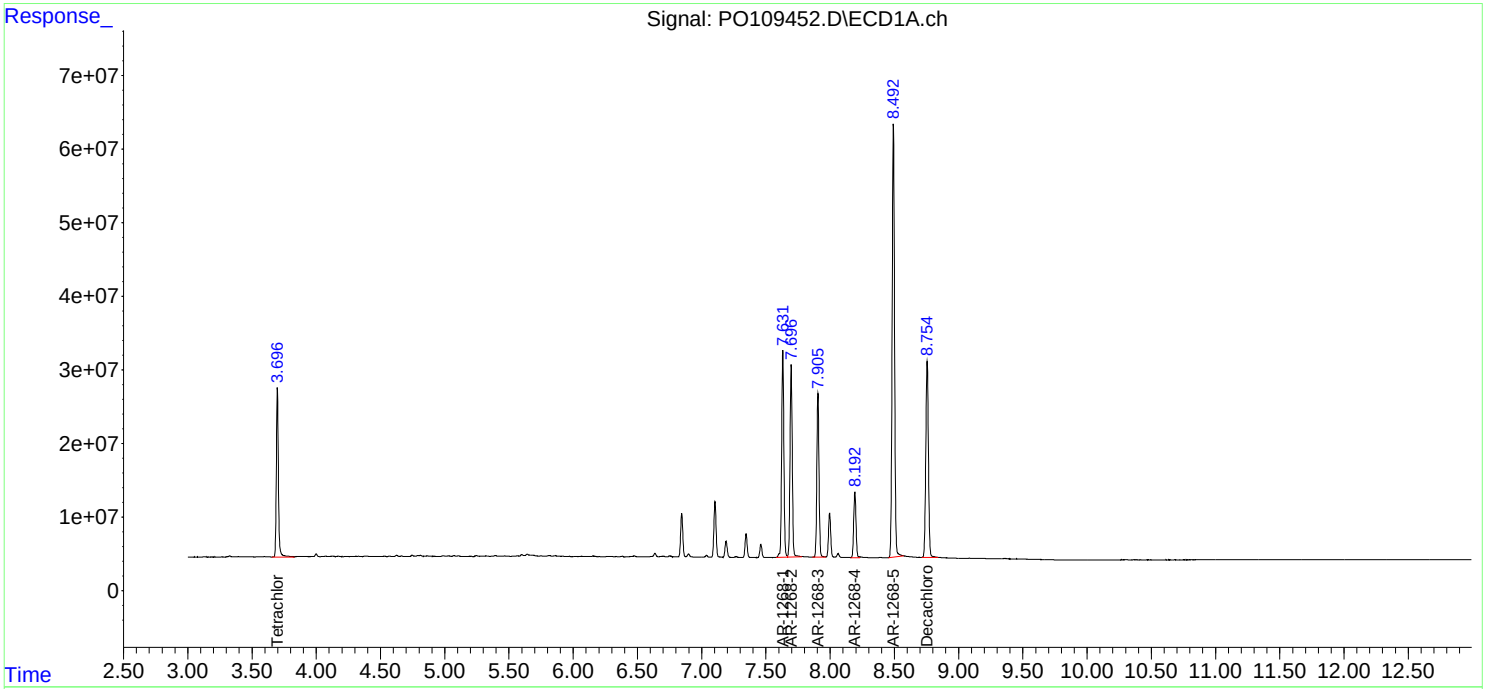
ICAL Form

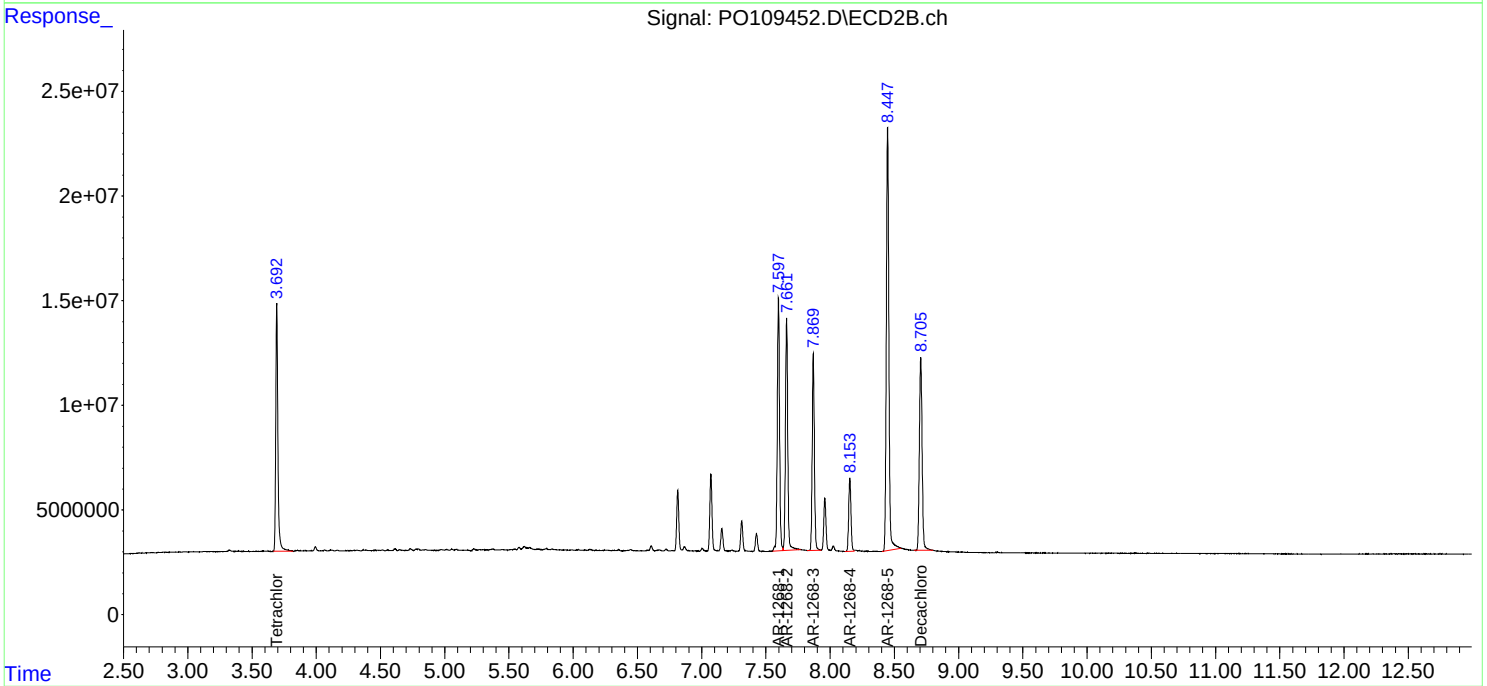
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

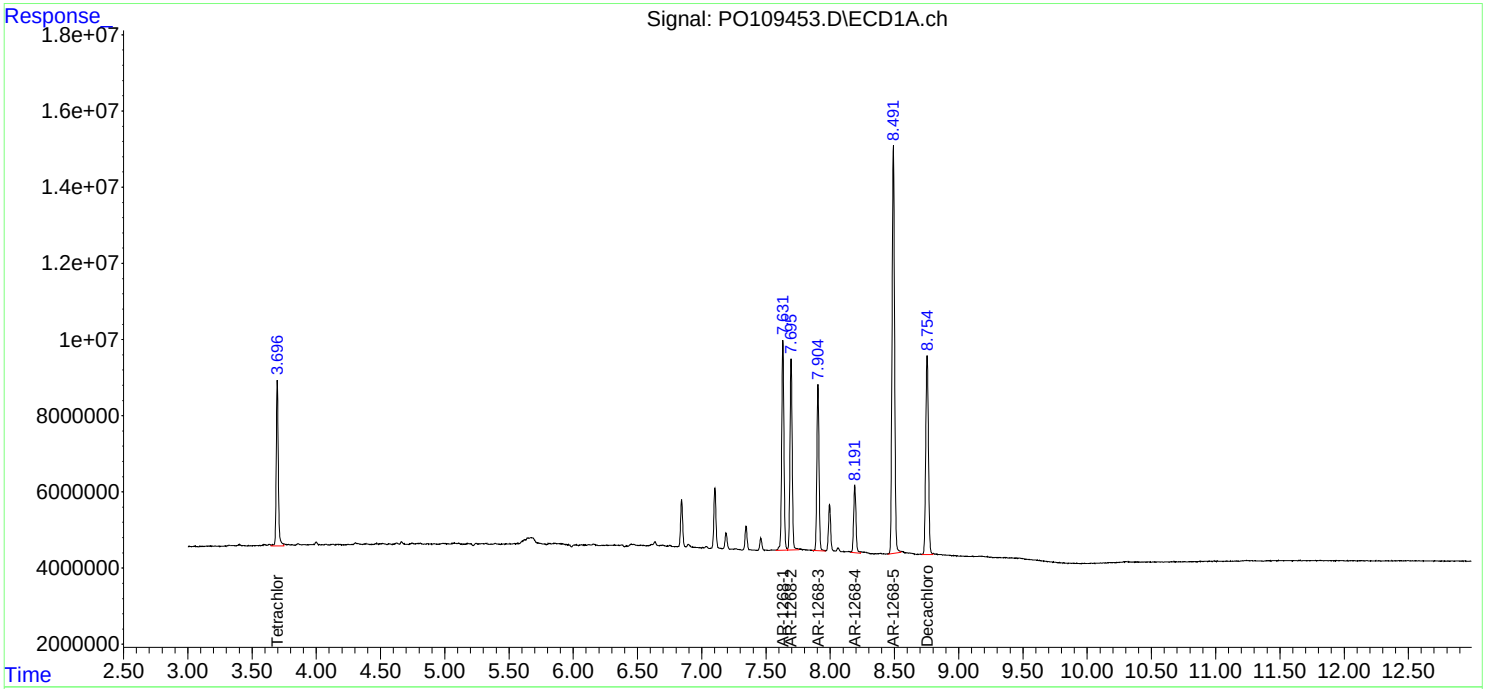
ICAL Form

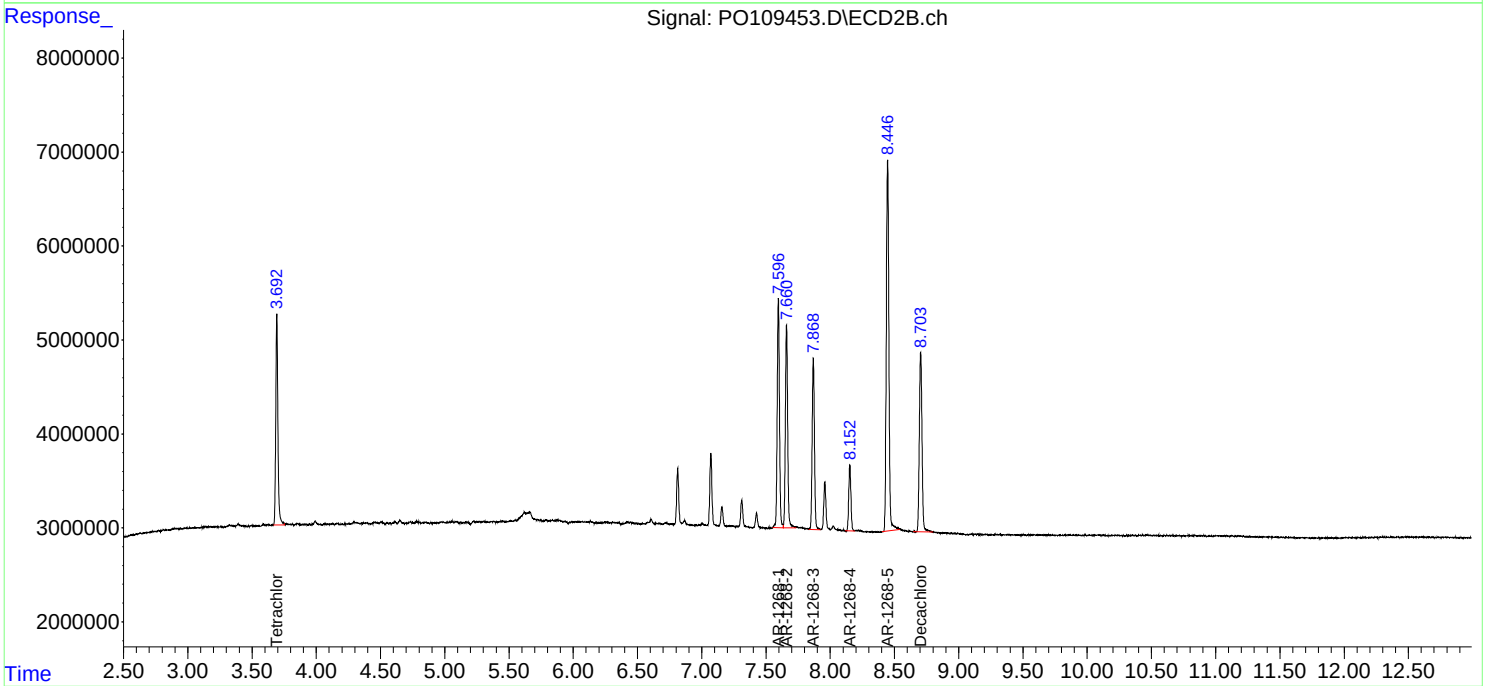
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:02
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

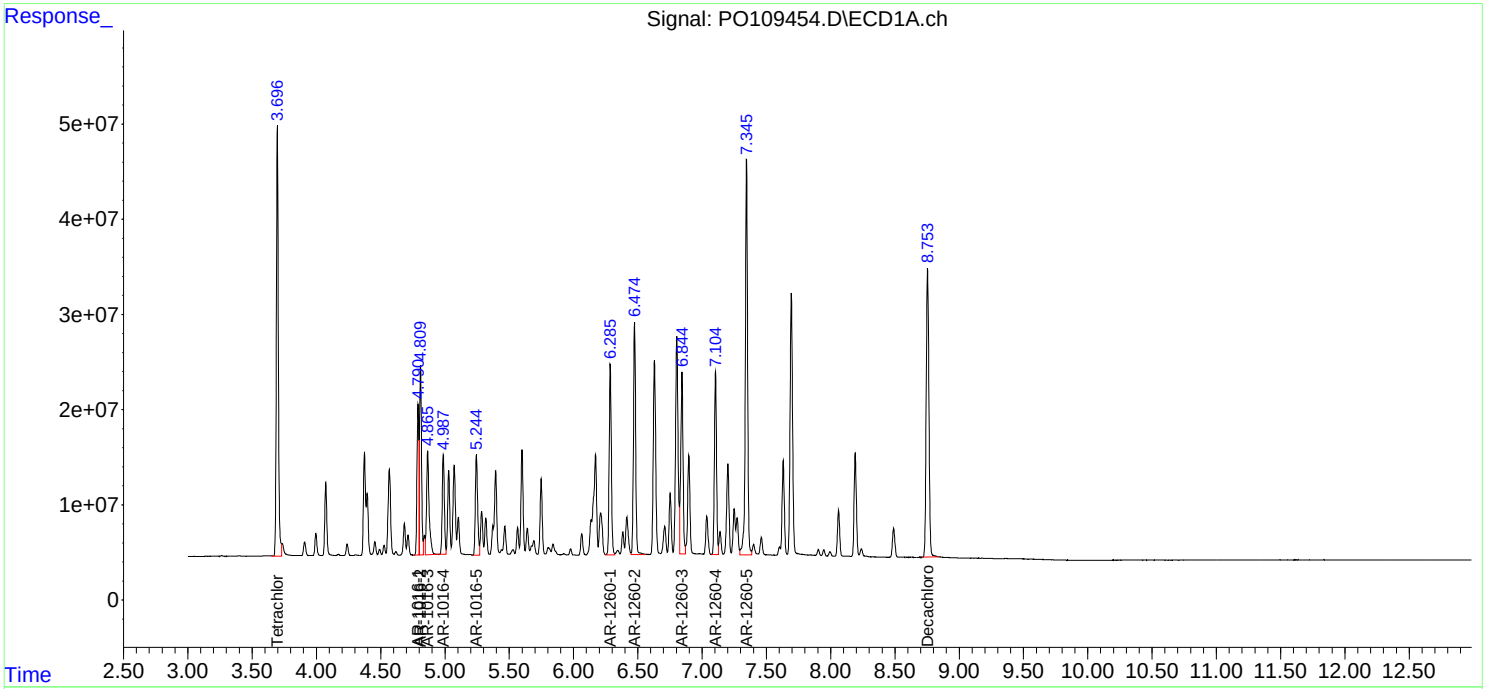
ICAL Form

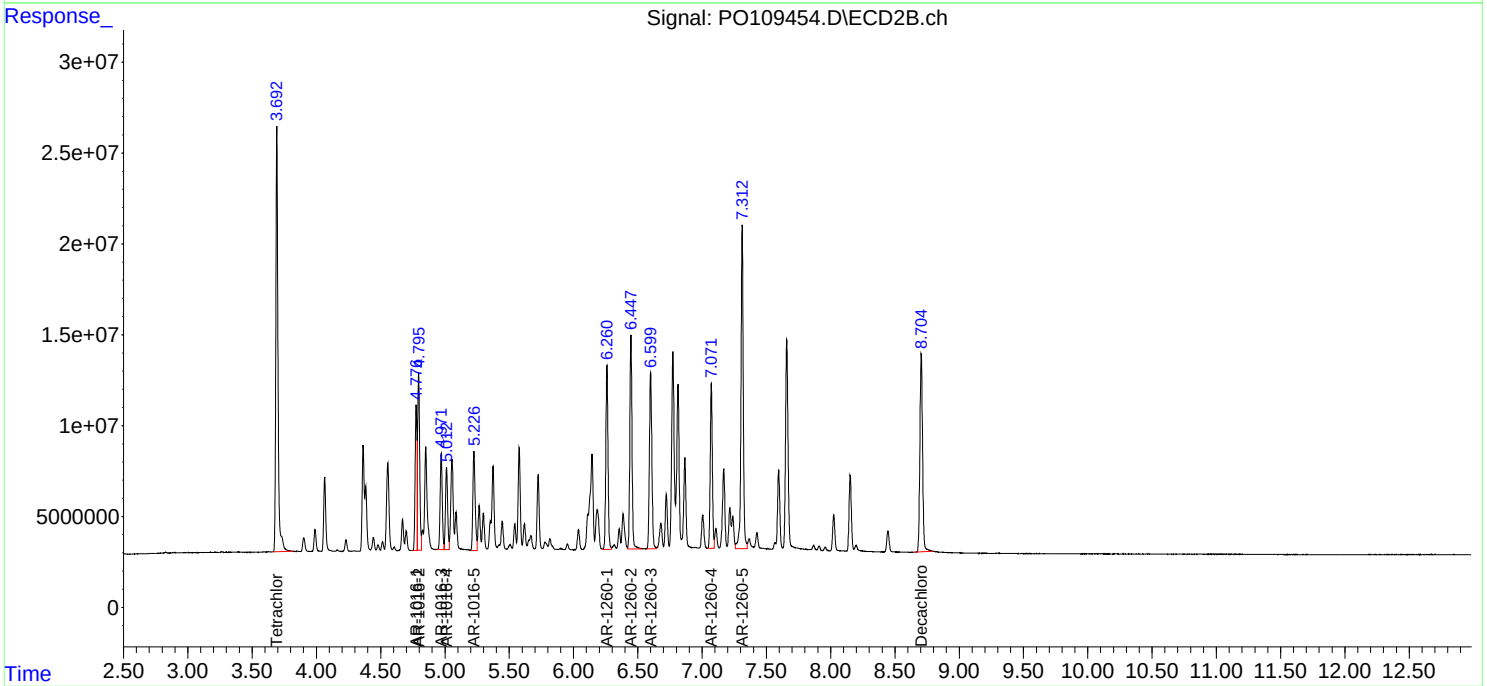
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:20
Operator : YP/AJ
Sample : PO022025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

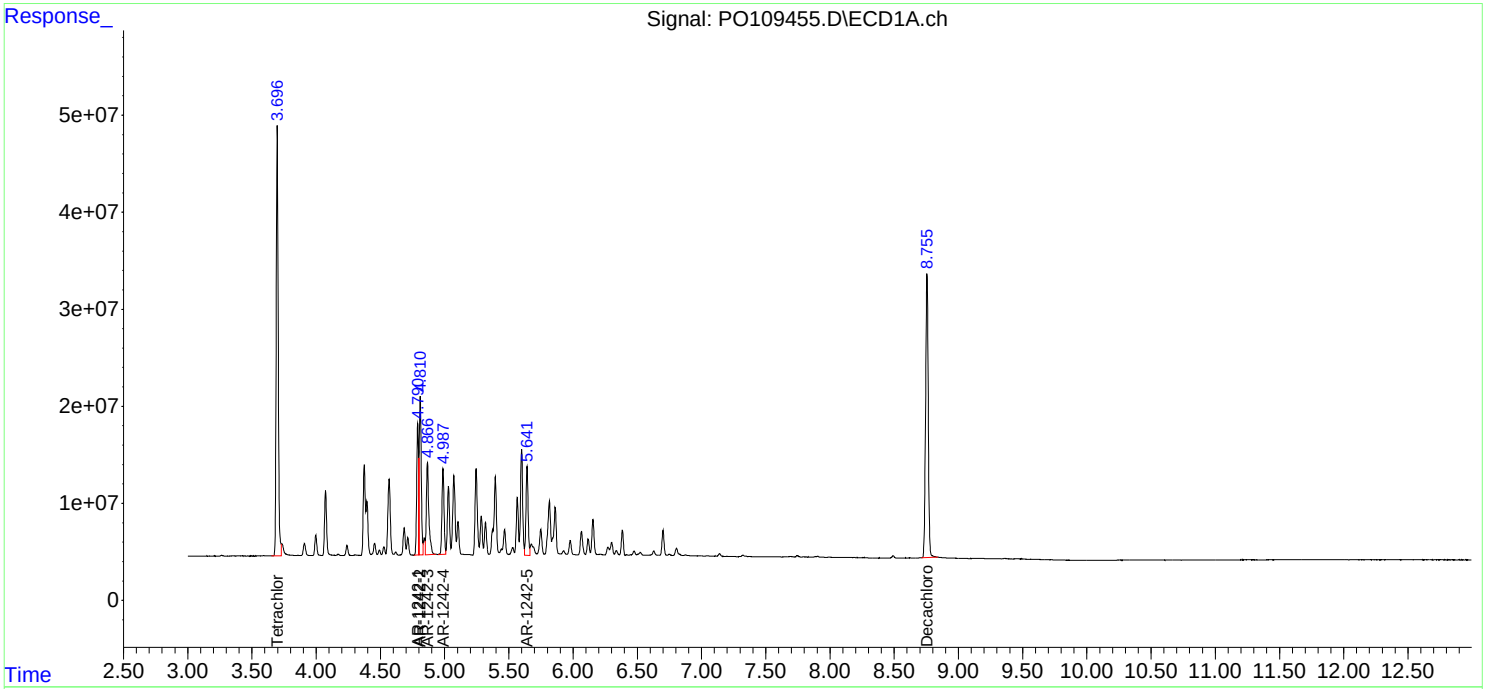
ICAL Form

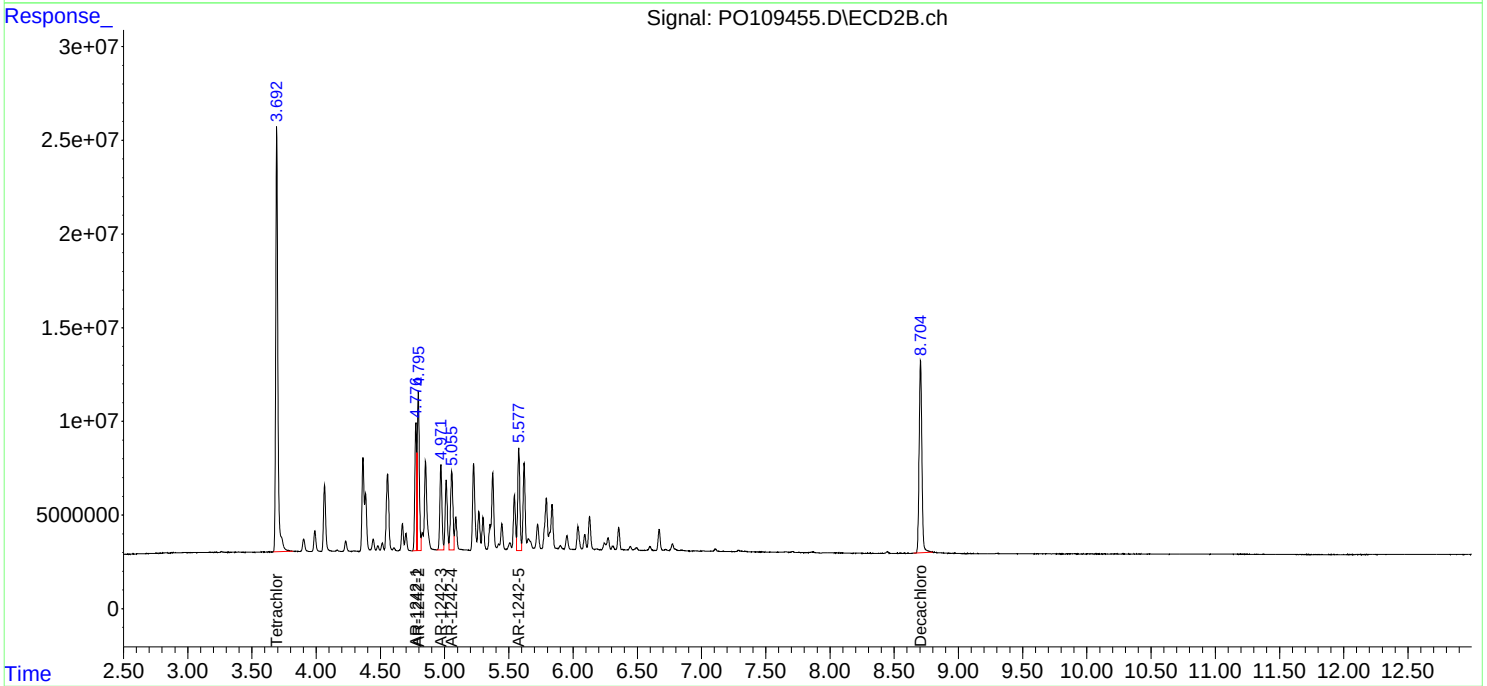
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:38
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

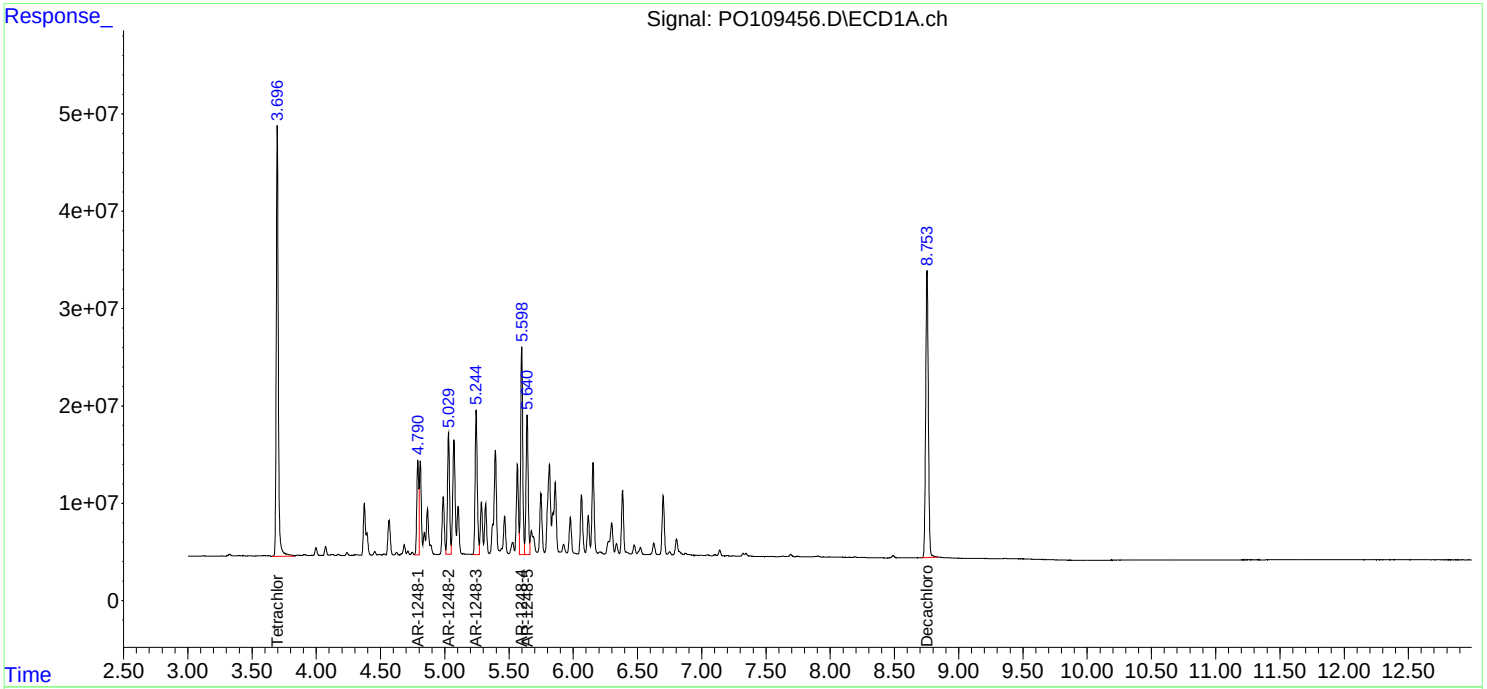
ICAL Form

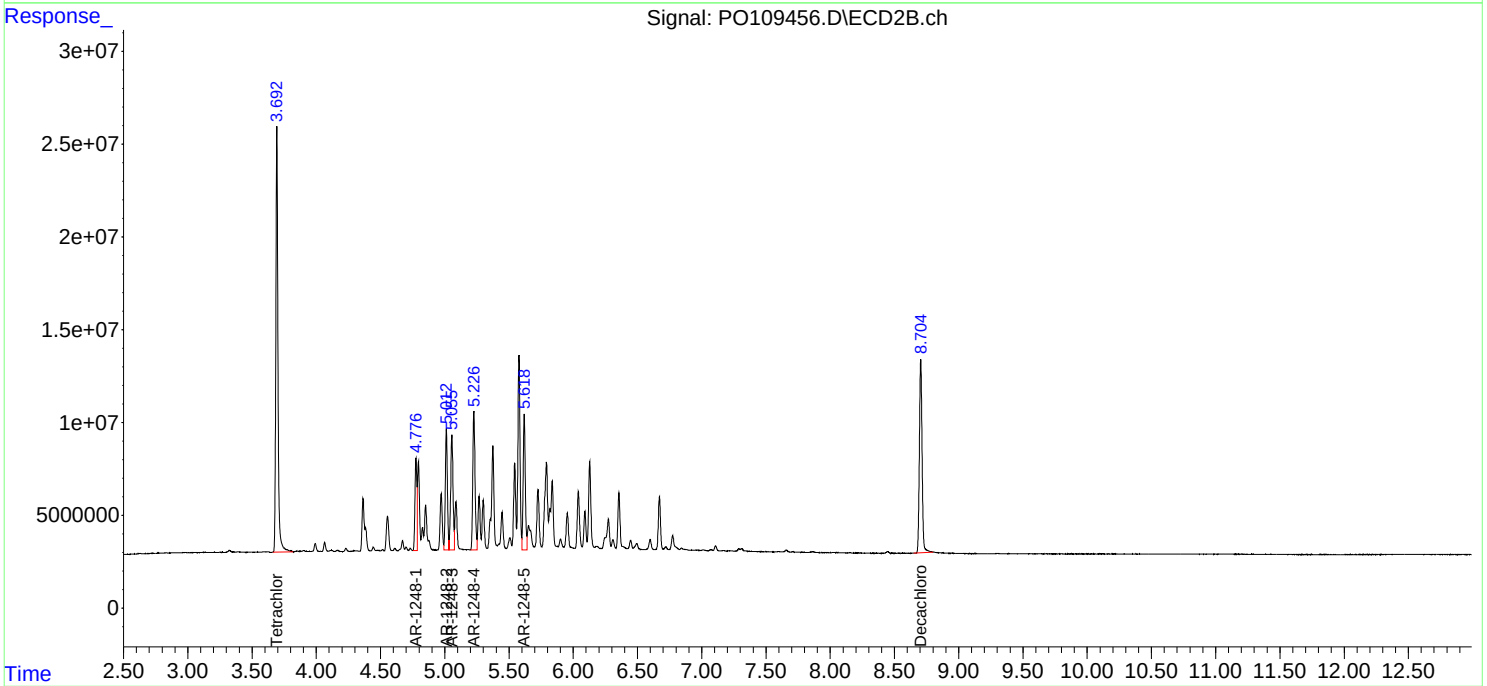
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:57
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

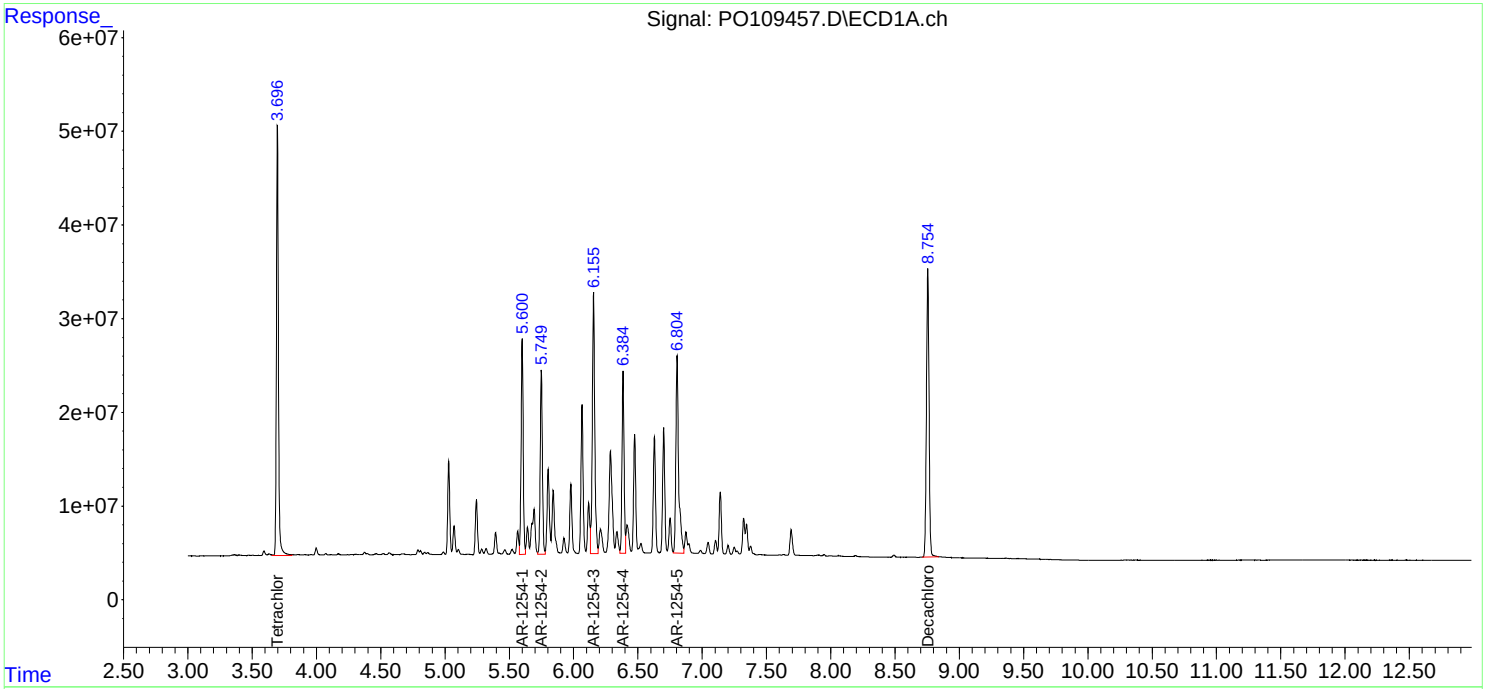
ICAL Form

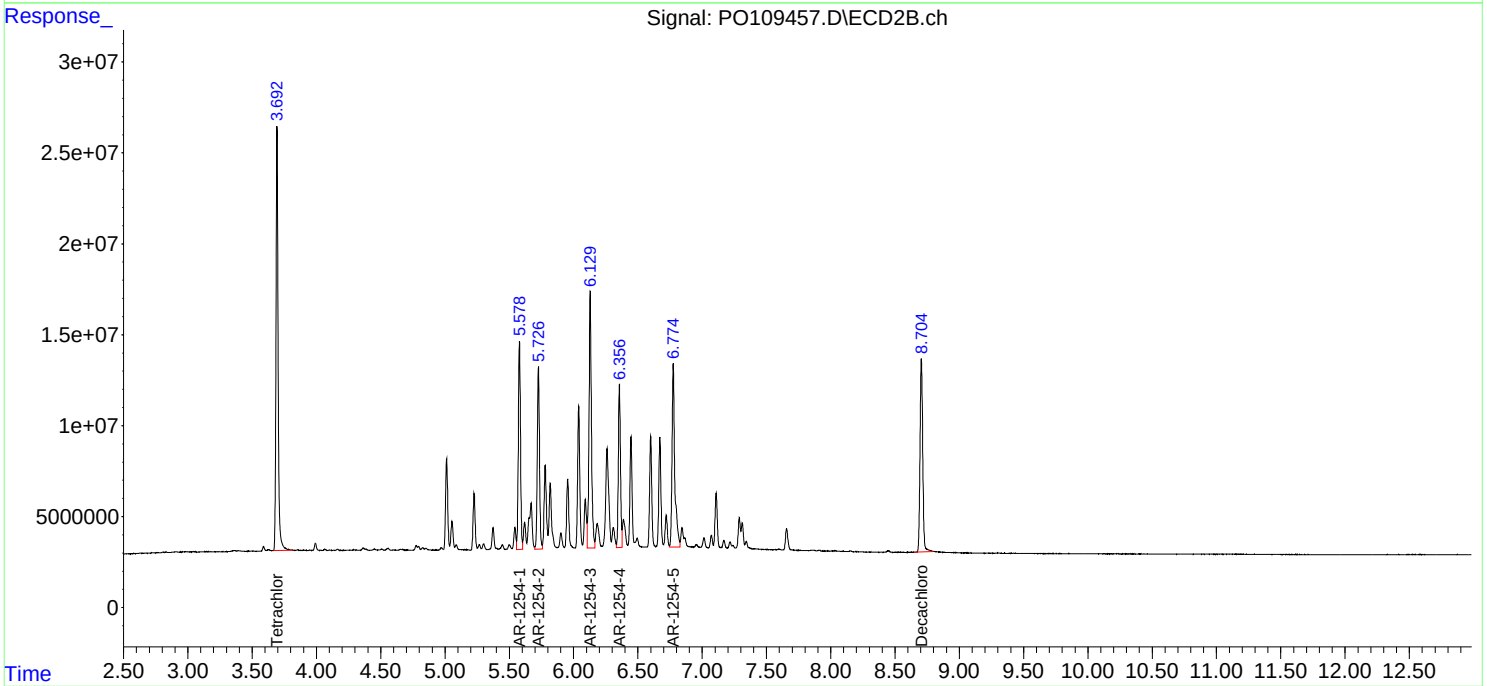
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:15
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

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 0.50µ Signal #2 Info : 30M x 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.

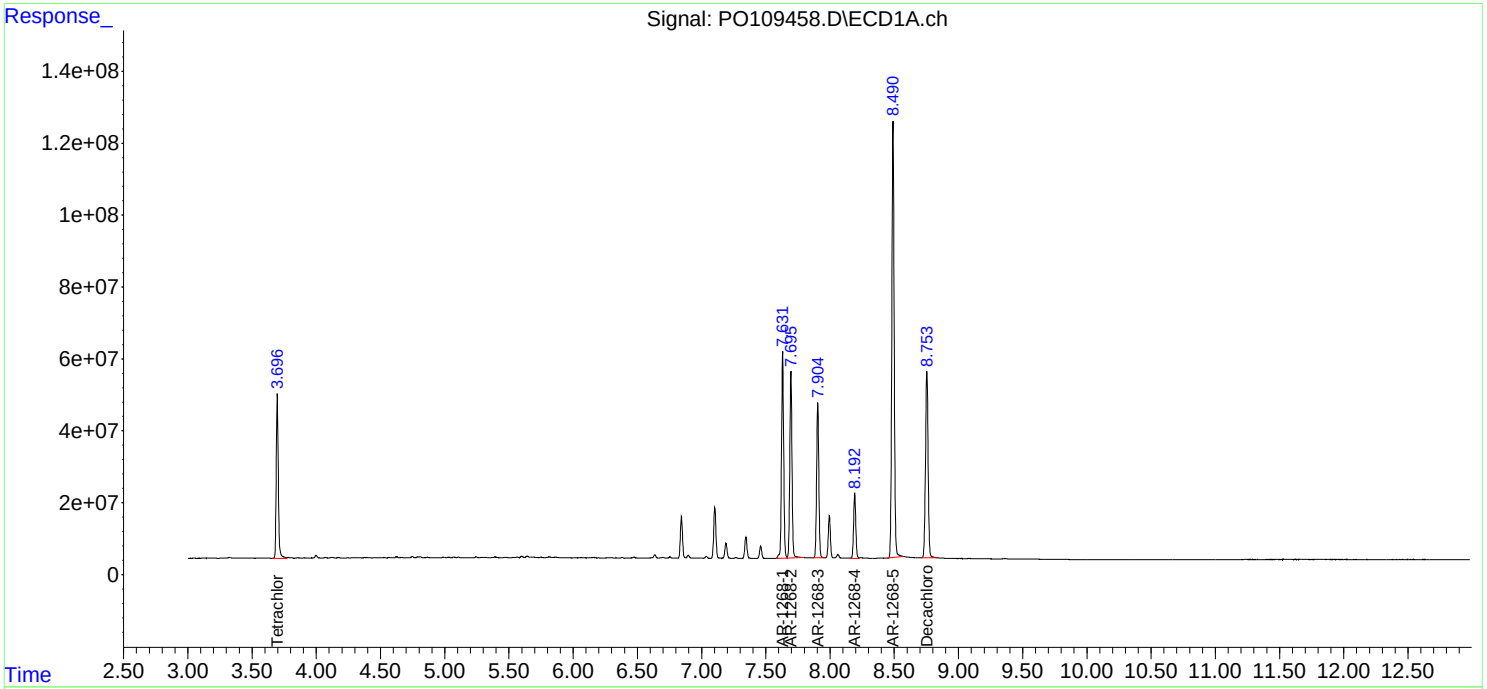
ICAL Form

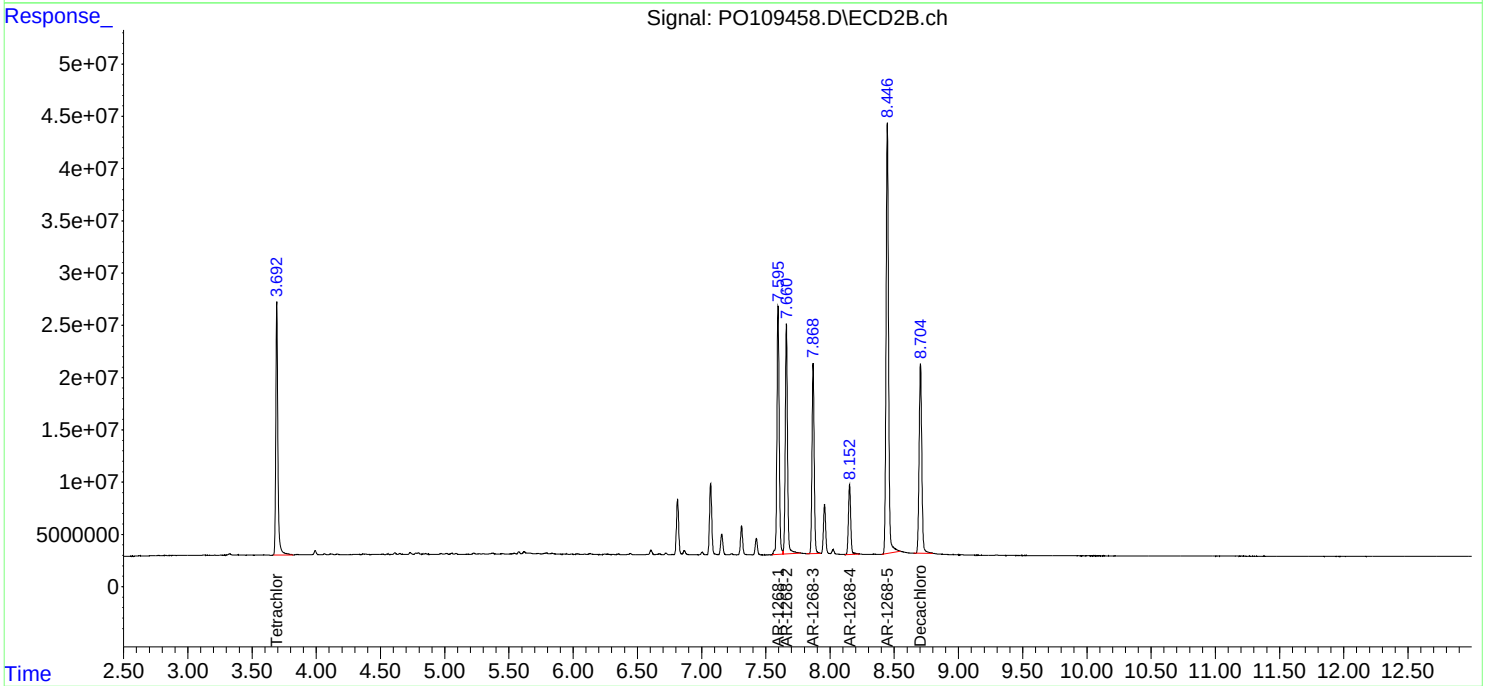
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:34
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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: RT 1000 = PP069996.D RT 750 = PP069997.D

RT 500 = PP069998.D RT 250 = PP069999.D RT 050 = PP070000.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1016-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1016-3	(3)	5.76	5.76	5.77	5.76	5.76	5.76	5.66	5.86
Aroclor-1016-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1016-5	(5)	6.15	6.15	6.16	6.15	6.15	6.15	6.05	6.25
Aroclor-1260-1	(1)	7.27	7.27	7.28	7.27	7.28	7.27	7.17	7.37
Aroclor-1260-2	(2)	7.52	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Aroclor-1260-3	(3)	7.88	7.89	7.89	7.88	7.89	7.89	7.79	7.99
Aroclor-1260-4	(4)	8.11	8.11	8.11	8.11	8.11	8.11	8.01	8.21
Aroclor-1260-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53
Decachlorobiphenyl		10.25	10.26	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
Aroclor-1242-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1242-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1242-3	(3)	5.76	5.76	5.77	5.76	5.76	5.76	5.66	5.86
Aroclor-1242-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1242-5	(5)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Decachlorobiphenyl		10.26	10.25	10.26	10.25	10.26	10.26	10.16	10.36
Tetrachloro-m-xylene		4.53	4.52	4.53	4.53	4.53	4.53	4.43	4.63
Aroclor-1248-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1248-2	(2)	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Aroclor-1248-3	(3)	6.15	6.16	6.15	6.15	6.15	6.15	6.05	6.25
Aroclor-1248-4	(4)	6.55	6.56	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1248-5	(5)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Decachlorobiphenyl		10.26	10.26	10.26	10.26	10.25	10.26	10.16	10.36
Tetrachloro-m-xylene		4.53	4.53	4.53	4.53	4.52	4.53	4.43	4.63
Aroclor-1254-1	(1)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1254-2	(2)	6.75	6.74	6.75	6.75	6.74	6.75	6.65	6.85
Aroclor-1254-3	(3)	7.11	7.11	7.11	7.11	7.11	7.11	7.01	7.21
Aroclor-1254-4	(4)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1254-5	(5)	7.81	7.80	7.81	7.81	7.81	7.81	7.71	7.91
Decachlorobiphenyl		10.26	10.25	10.26	10.26	10.26	10.26	10.16	10.36
Tetrachloro-m-xylene		4.53	4.52	4.53	4.53	4.52	4.53	4.43	4.63
Aroclor-1268-1	(1)	8.74	8.75	8.75	8.74	8.75	8.75	8.65	8.85
Aroclor-1268-2	(2)	8.84	8.84	8.84	8.84	8.84	8.84	8.74	8.94
Aroclor-1268-3	(3)	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Aroclor-1268-4	(4)	9.49	9.49	9.49	9.49	9.49	9.49	9.39	9.59
Aroclor-1268-5	(5)	9.91	9.91	9.91	9.91	9.91	9.91	9.81	10.01

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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

Raw Data

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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: RT 1000 = PP069996.D RT 750 = PP069997.D

RT 500 = PP069998.D RT 250 = PP069999.D RT 050 = PP070000.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1016-4	(4)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1016-5	(5)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1260-1	(1)	6.41	6.41	6.41	6.41	6.41	6.41	6.31	6.51
Aroclor-1260-2	(2)	6.60	6.60	6.60	6.60	6.60	6.60	6.50	6.70
Aroclor-1260-3	(3)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Aroclor-1260-4	(4)	7.23	7.23	7.23	7.23	7.23	7.23	7.13	7.33
Aroclor-1260-5	(5)	7.47	7.47	7.47	7.47	7.47	7.47	7.37	7.57
Decachlorobiphenyl		8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1242-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1242-4	(4)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1242-5	(5)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Decachlorobiphenyl		8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1248-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1248-2	(2)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-3	(3)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1248-4	(4)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1248-5	(5)	5.77	5.77	5.77	5.77	5.77	5.77	5.67	5.87
Decachlorobiphenyl		8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1254-1	(1)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Aroclor-1254-2	(2)	5.88	5.88	5.88	5.88	5.87	5.88	5.78	5.98
Aroclor-1254-3	(3)	6.28	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Aroclor-1254-4	(4)	6.51	6.51	6.51	6.51	6.51	6.51	6.41	6.61
Aroclor-1254-5	(5)	6.93	6.93	6.93	6.93	6.93	6.93	6.83	7.03
Decachlorobiphenyl		8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1268-1	(1)	7.75	7.75	7.75	7.75	7.75	7.75	7.65	7.85
Aroclor-1268-2	(2)	7.81	7.82	7.82	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-3	(3)	8.02	8.02	8.02	8.02	8.02	8.02	7.92	8.12
Aroclor-1268-4	(4)	8.32	8.32	8.32	8.31	8.32	8.32	8.22	8.42
Aroclor-1268-5	(5)	8.62	8.62	8.62	8.62	8.62	8.62	8.52	8.72

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Tetrachloro-m-xylene	3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 =** 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)	45557625	47855512	49968516	54800208	50948980	49826168	7
Aroclor-1016-2	(2)	66706952	67781012	72991154	76640772	69769920	70777962	6
Aroclor-1016-3	(3)	40794671	44579197	45146958	47844192	41247180	43922440	7
Aroclor-1016-4	(4)	33978080	35043389	37559532	39668600	35057220	36261364	6
Aroclor-1016-5	(5)	31514906	31680175	34068042	35364724	35064900	33538549	5
Aroclor-1260-1	(1)	54823994	55486535	59388846	62695304	59405260	58359988	6
Aroclor-1260-2	(2)	73383444	75987972	80712800	85961116	92581060	81725278	9
Aroclor-1260-3	(3)	59489338	60560020	64011918	67792592	61951460	62761066	5
Aroclor-1260-4	(4)	58704582	59596489	63141360	67201512	68361020	63400993	7
Aroclor-1260-5	(5)	124764910	128178828	134805260	140592412	127581700	131184622	5
Decachlorobiphenyl		1071742430	1139629213	1165555660	1227723520	1090515400	1139033245	5
Tetrachloro-m-xylene		1433727050	1435859520	1533424440	1590932200	1344174400	1467623522	7
Aroclor-1242-1	(1)	38359202	40766156	41566668	47963164	43620760	42455190	9
Aroclor-1242-2	(2)	56757612	55666953	60328714	62664932	52294440	57542530	7
Aroclor-1242-3	(3)	34692482	36785992	38528310	46539712	33080140	37925327	14
Aroclor-1242-4	(4)	28738709	28291829	32018112	32372976	27652280	29814781	7
Aroclor-1242-5	(5)	32588629	32785485	35429746	39255208	36117200	35235254	8
Decachlorobiphenyl		1021050090	1049520227	1099648880	1125224680	979176800	1054924135	6
Tetrachloro-m-xylene		1392047690	1350066600	1467421460	1456806320	1242599600	1381788334	7
Aroclor-1248-1	(1)	29585124	31433301	32559076	36305496	33667780	32710155	8
Aroclor-1248-2	(2)	39473771	42013749	42864276	46958912	39450360	42152214	7
Aroclor-1248-3	(3)	43926772	44170904	46948106	50004072	40811360	45172243	8
Aroclor-1248-4	(4)	53918087	55655911	58640506	66304332	60297700	58963307	8
Aroclor-1248-5	(5)	51833391	52919351	56894804	67563228	56719440	57186043	11
Decachlorobiphenyl		1044729320	1067835560	1119982260	1186291160	1031748600	1090117380	6
Tetrachloro-m-xylene		1393266240	1426265507	1481945040	1527838200	1310175600	1427898117	6
Aroclor-1254-1	(1)	51156577	57570420	60622162	67008468	47144000	56700325	14
Aroclor-1254-2	(2)	78872042	81254612	86985854	93340172	97974740	87685484	9
Aroclor-1254-3	(3)	79973406	82322503	87641586	92940192	102754200	89126377	10
Aroclor-1254-4	(4)	66856800	68050653	73453394	76814612	87380160	74511124	11
Aroclor-1254-5	(5)	65315189	68448207	69620926	72356948	60070200	67162294	7
Decachlorobiphenyl		1075591380	1094765307	1221801800	1207489520	1097348200	1139399241	6
Tetrachloro-m-xylene		1443804100	1475957520	1555264320	1605313440	1392239200	1494515716	6
Aroclor-1268-1	(1)	188433469	184749517	193628348	206851508	186804180	192093404	5

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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

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW TO	CALIBRATION FACTOR
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

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW TO	CALIBRATION FACTOR
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

Quantitation Report (QT Reviewed)

ICAL Form

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

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

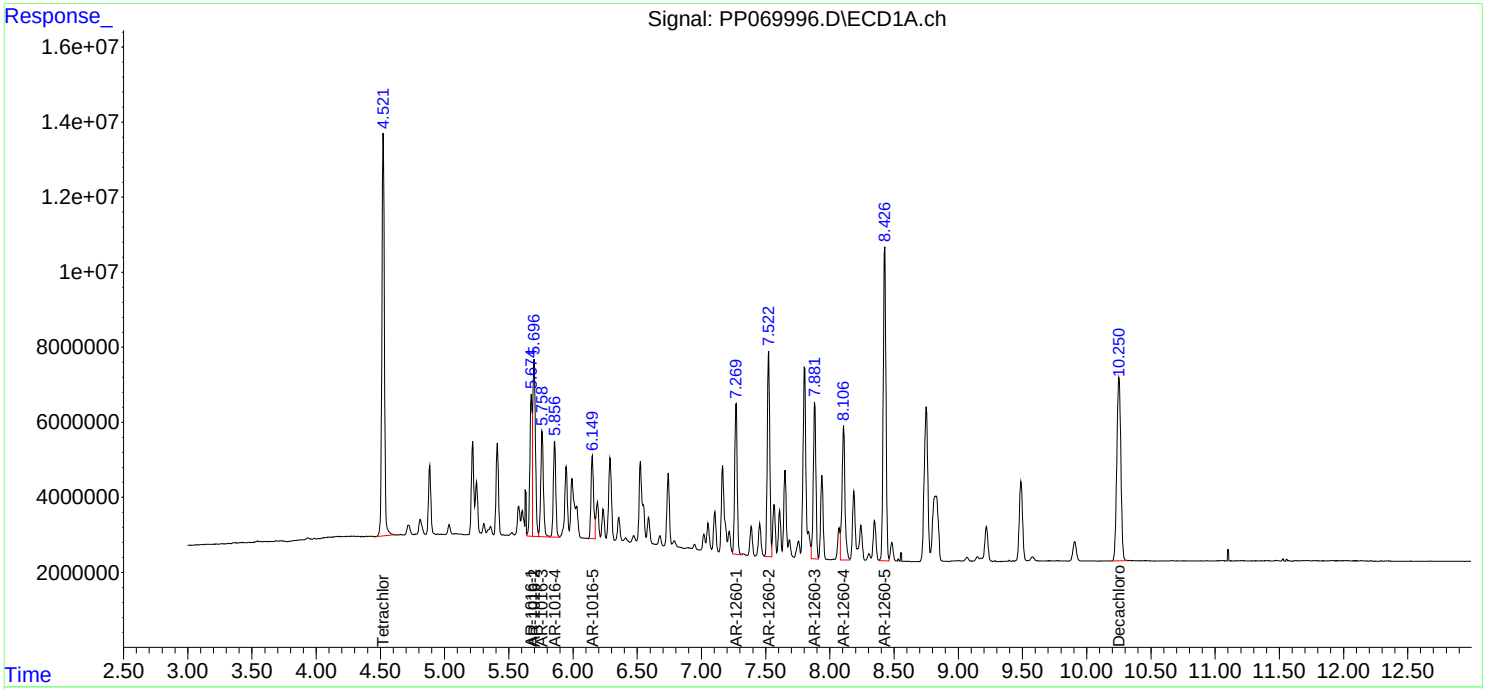
ICAL Form

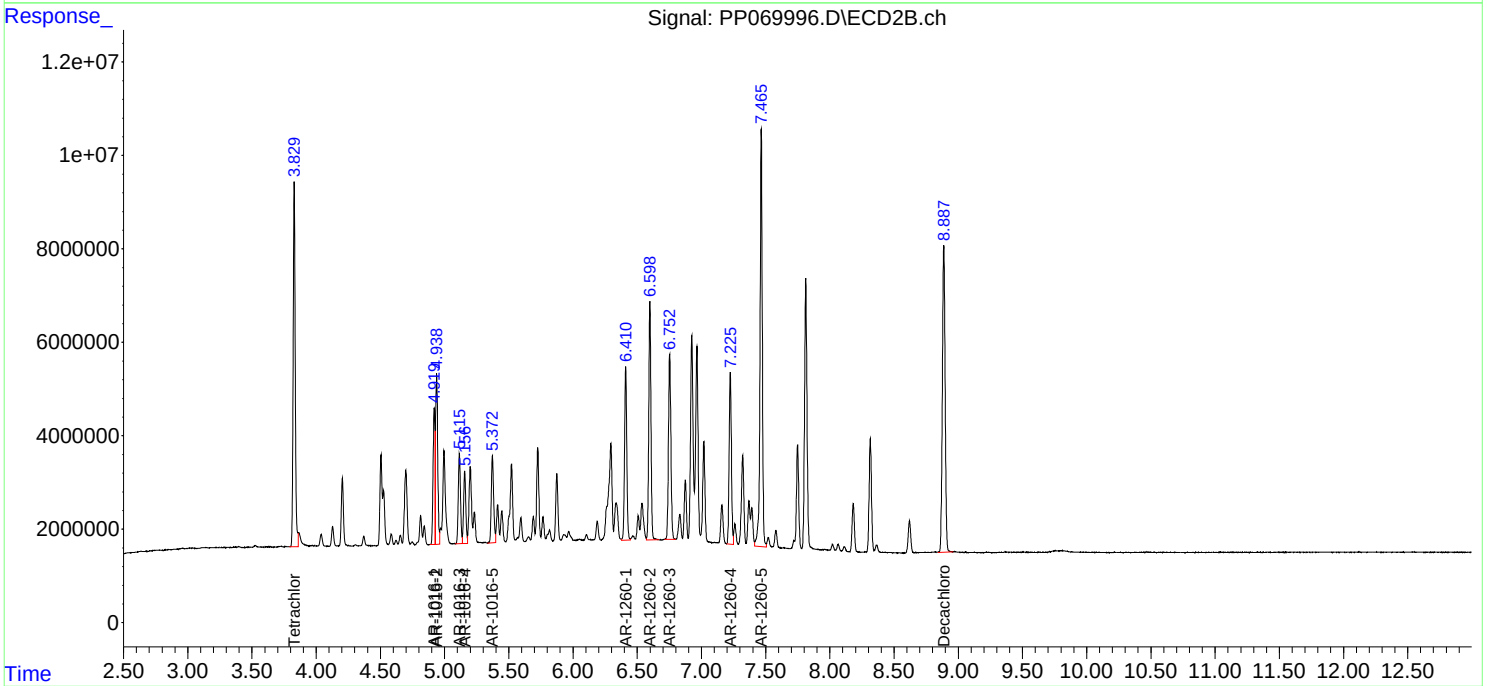
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 14:59
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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

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

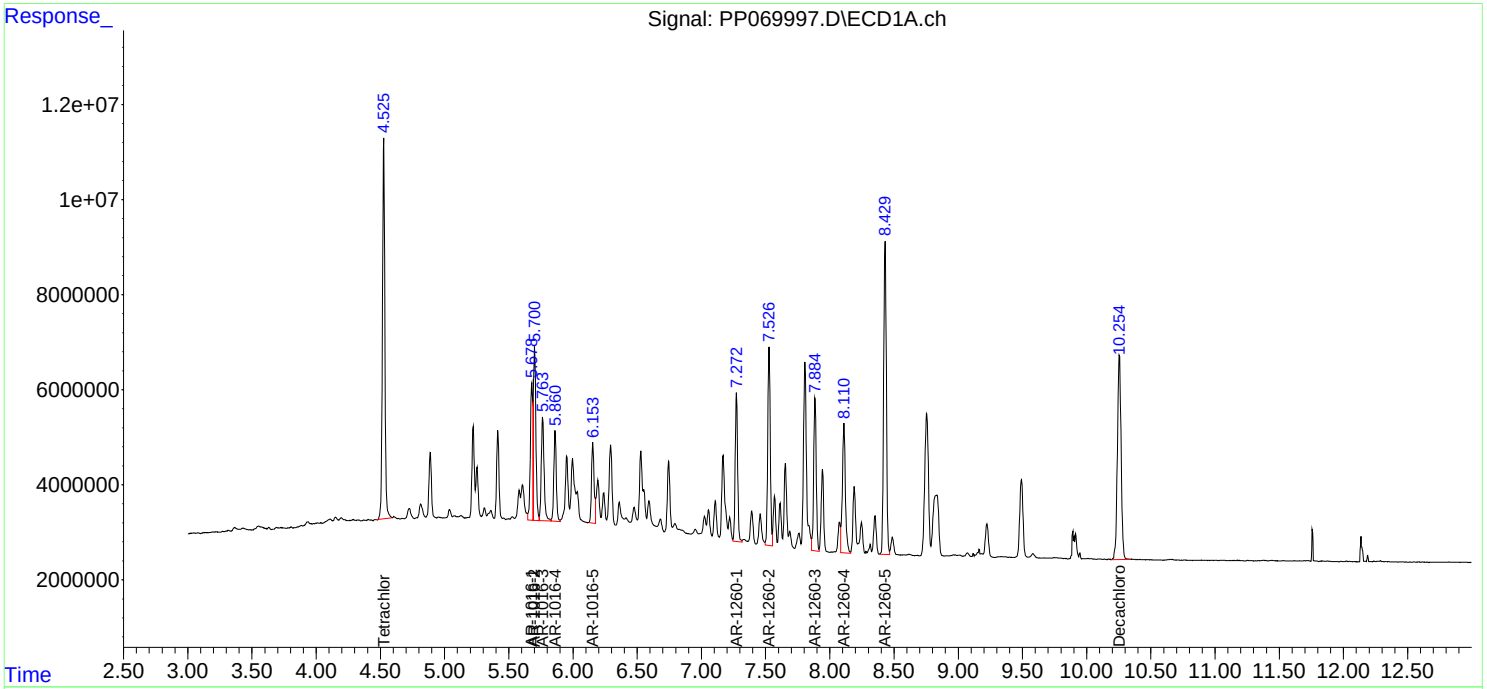
ICAL Form

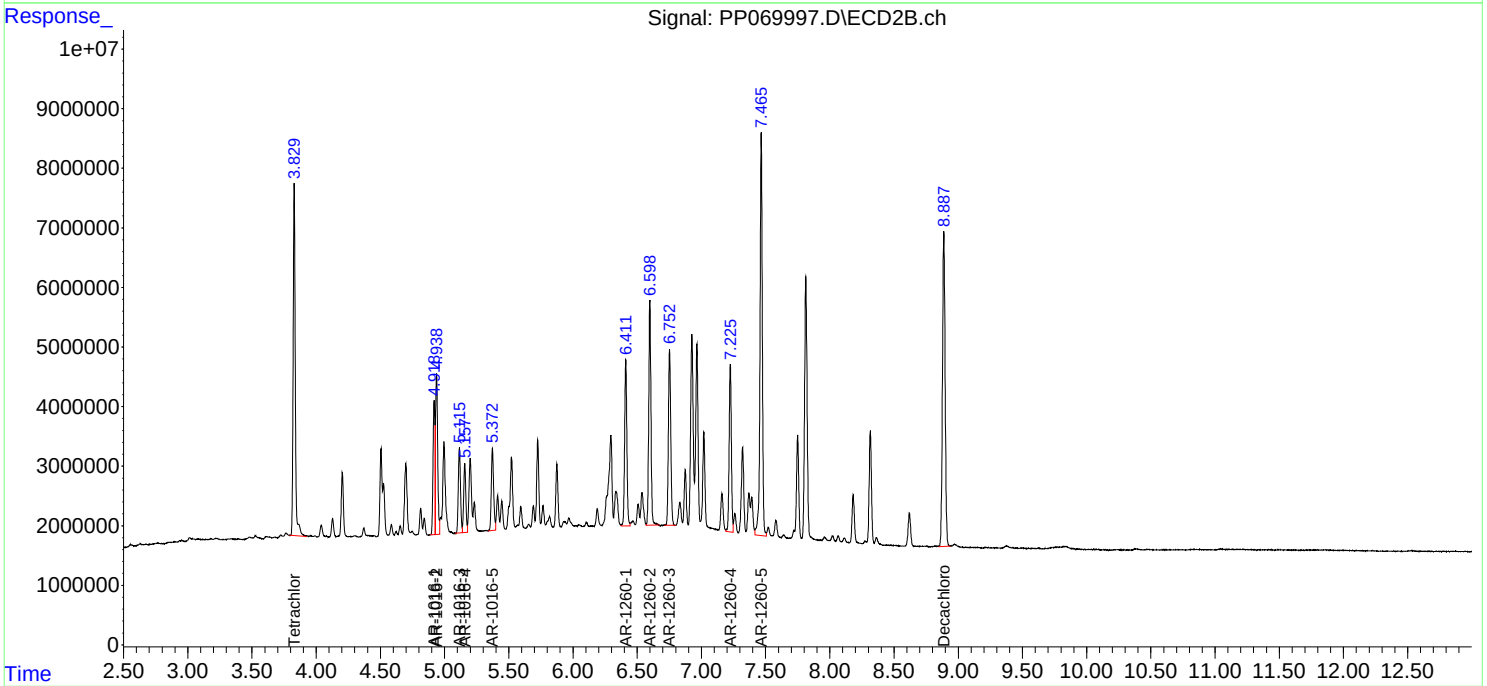
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:15
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

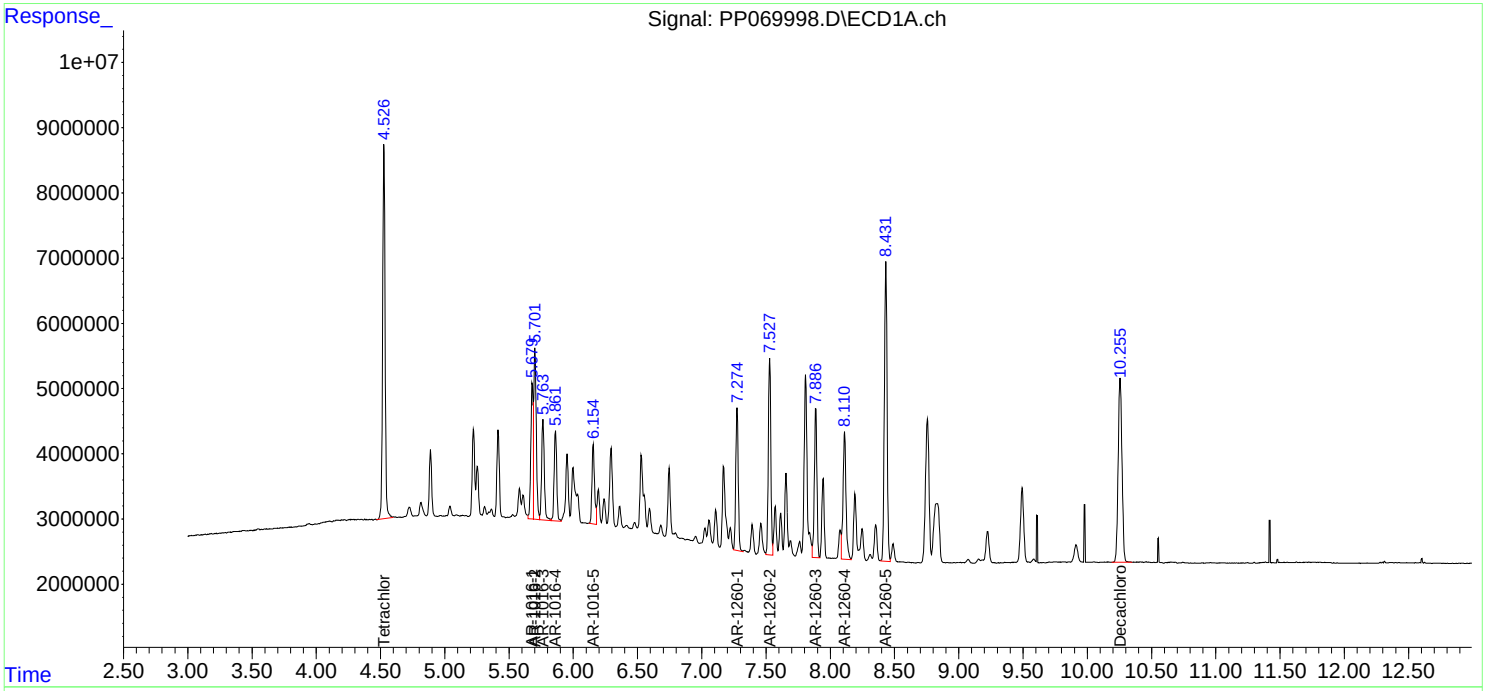
ICAL Form

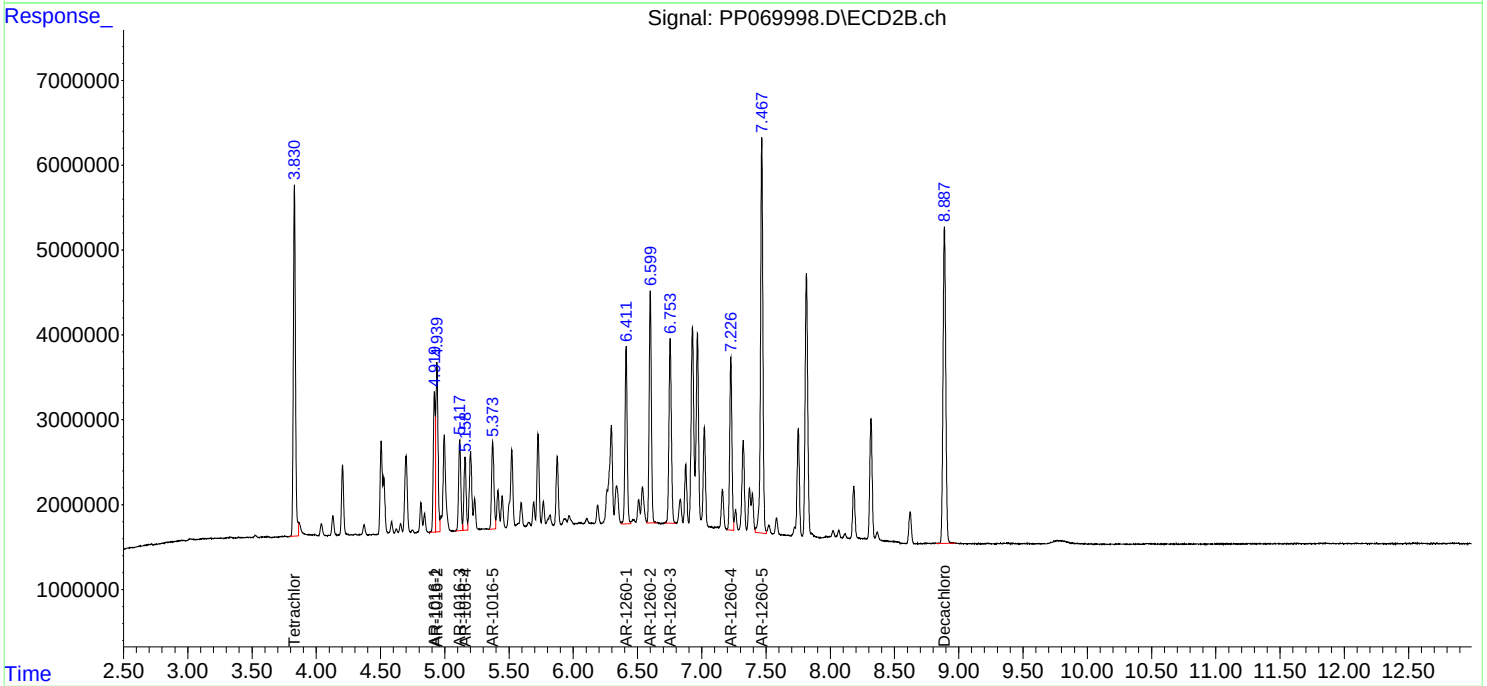
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:32
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

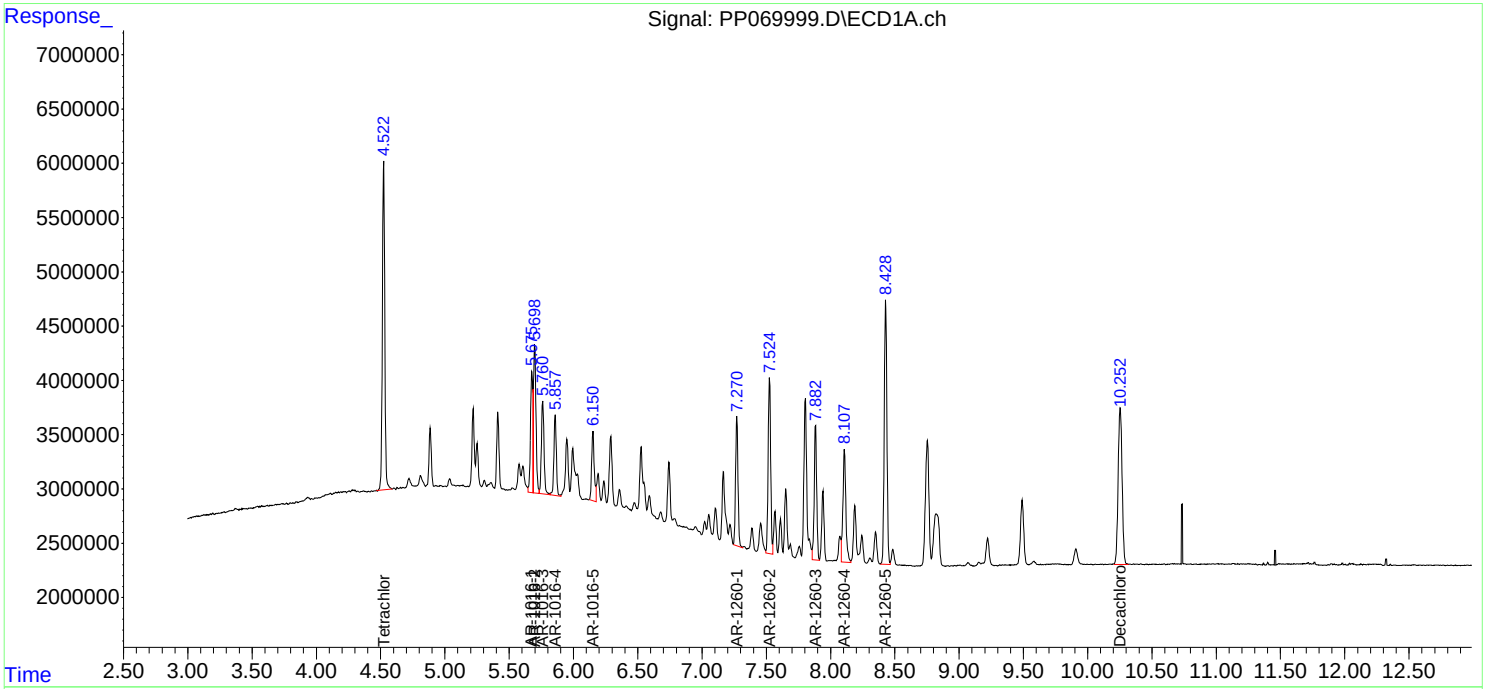
ICAL Form

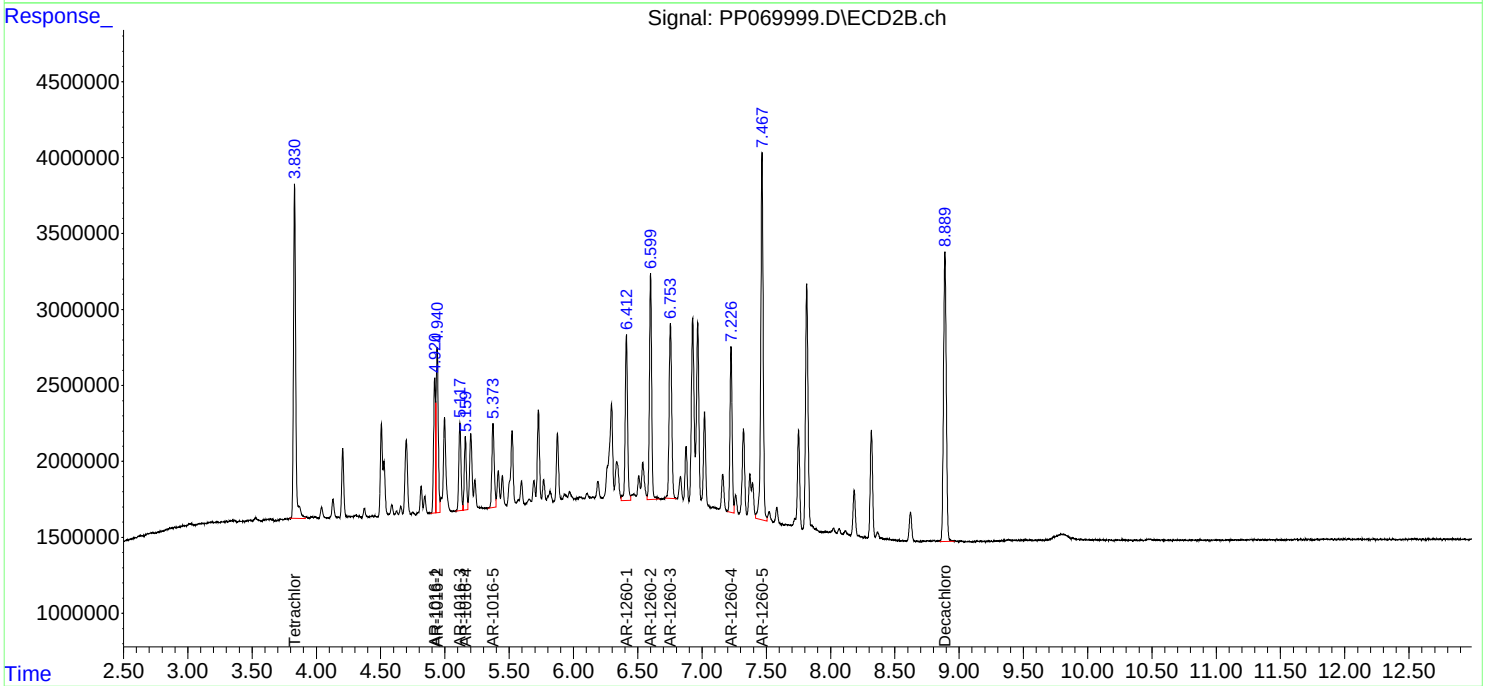
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:48
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

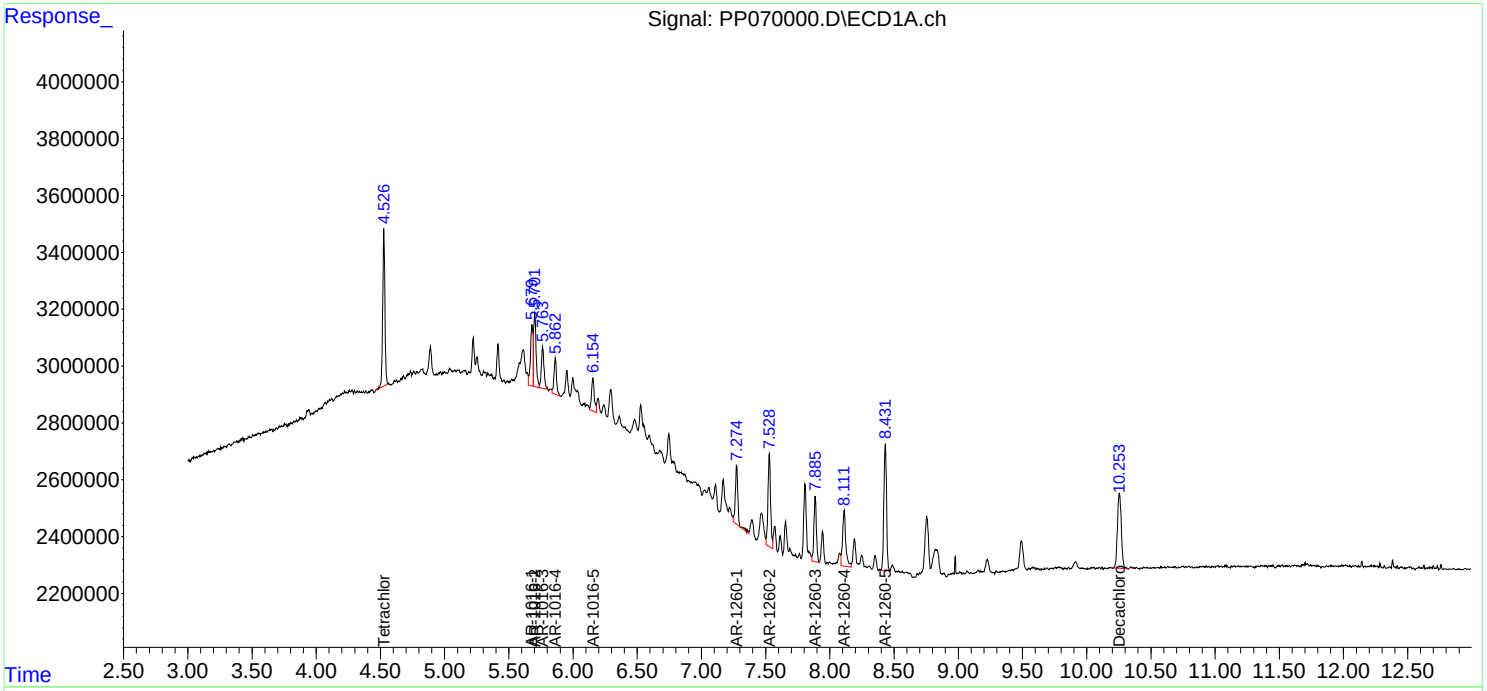
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

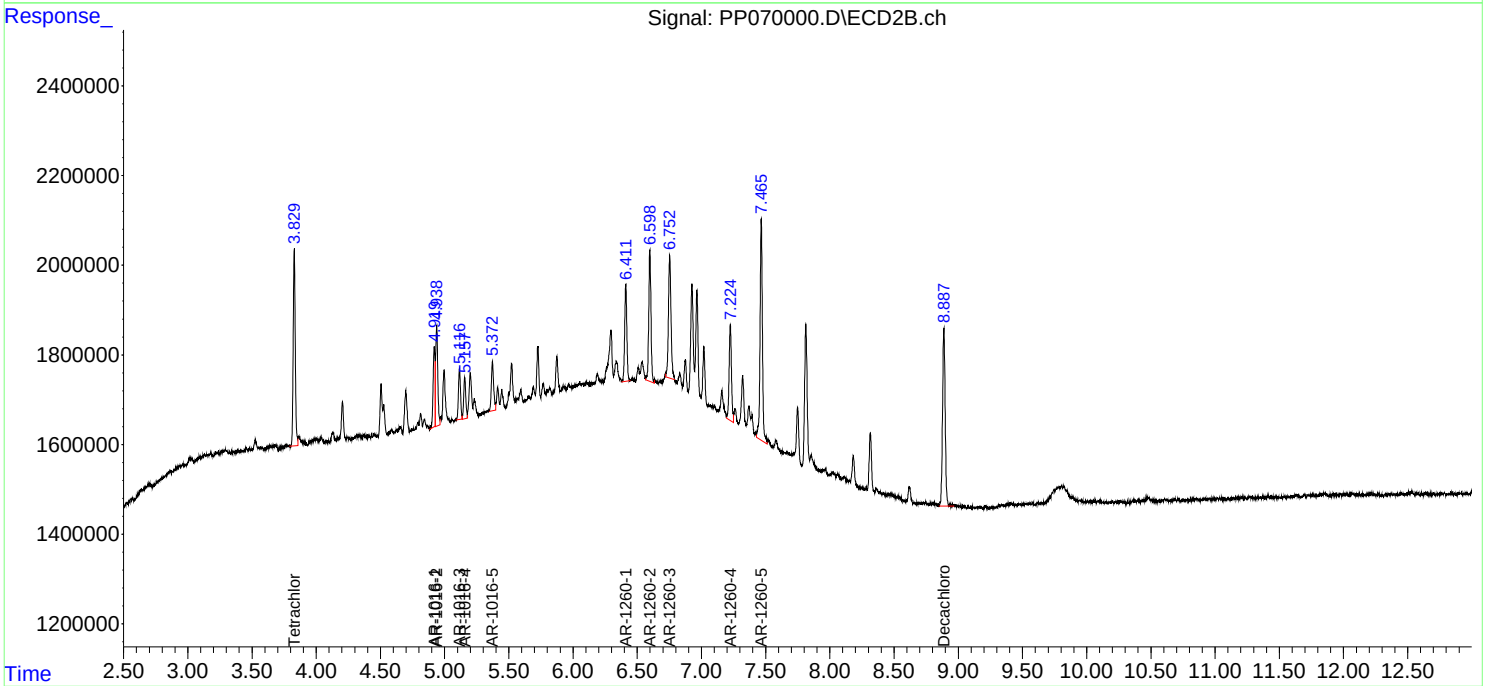
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

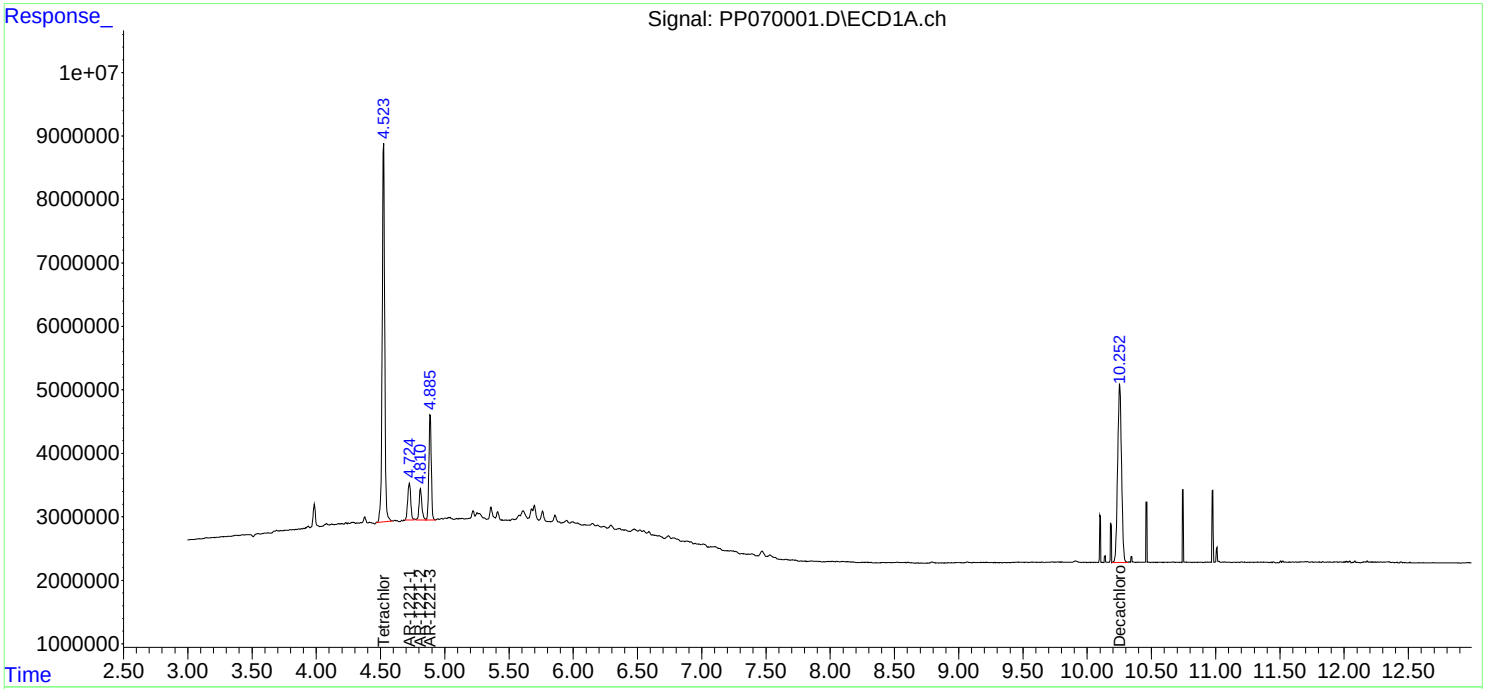
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

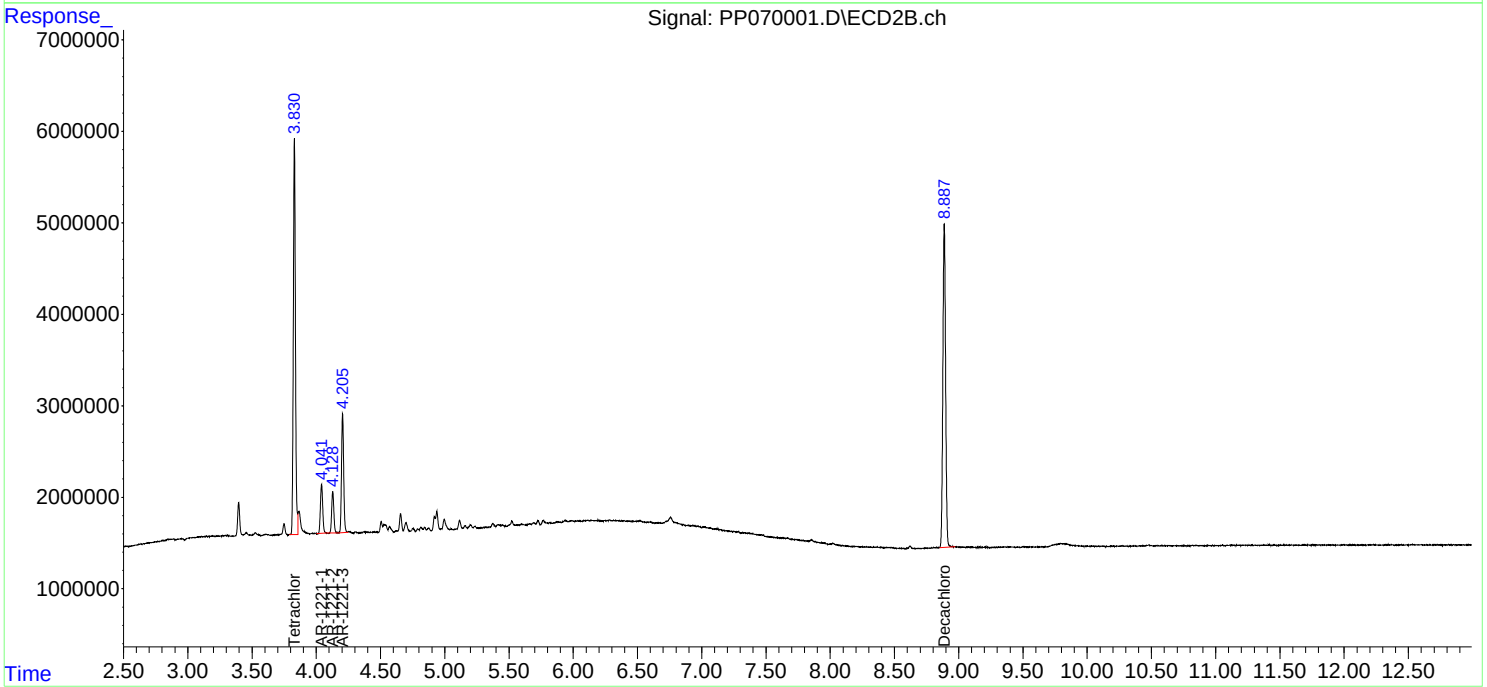
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

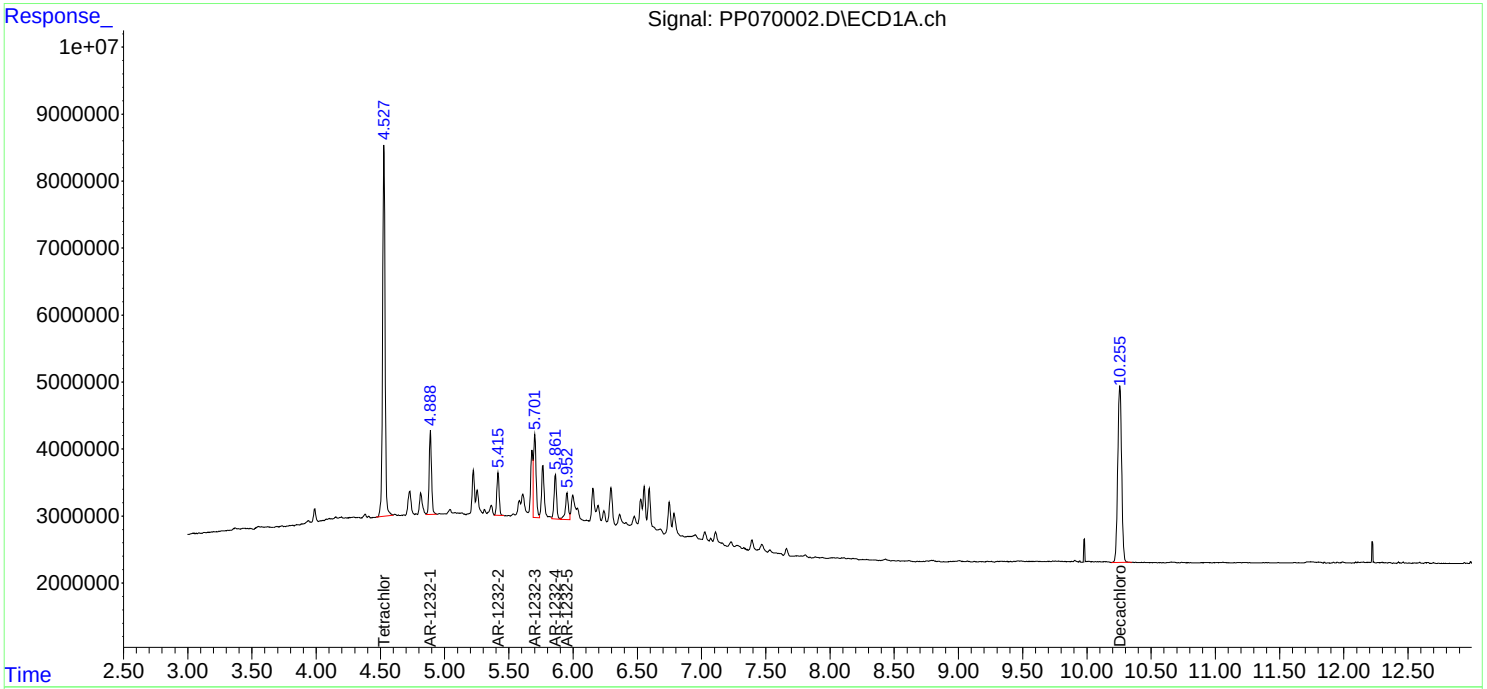
ICAL Form

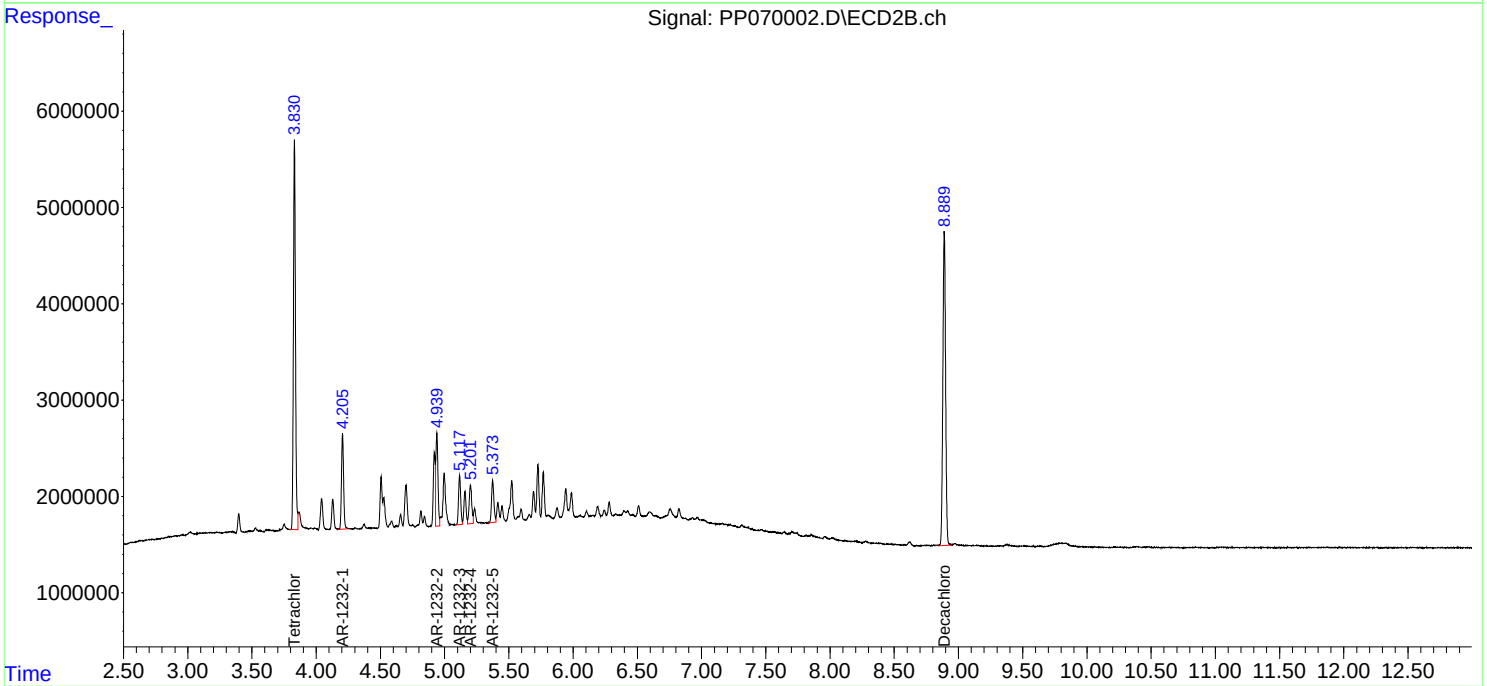
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:37
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

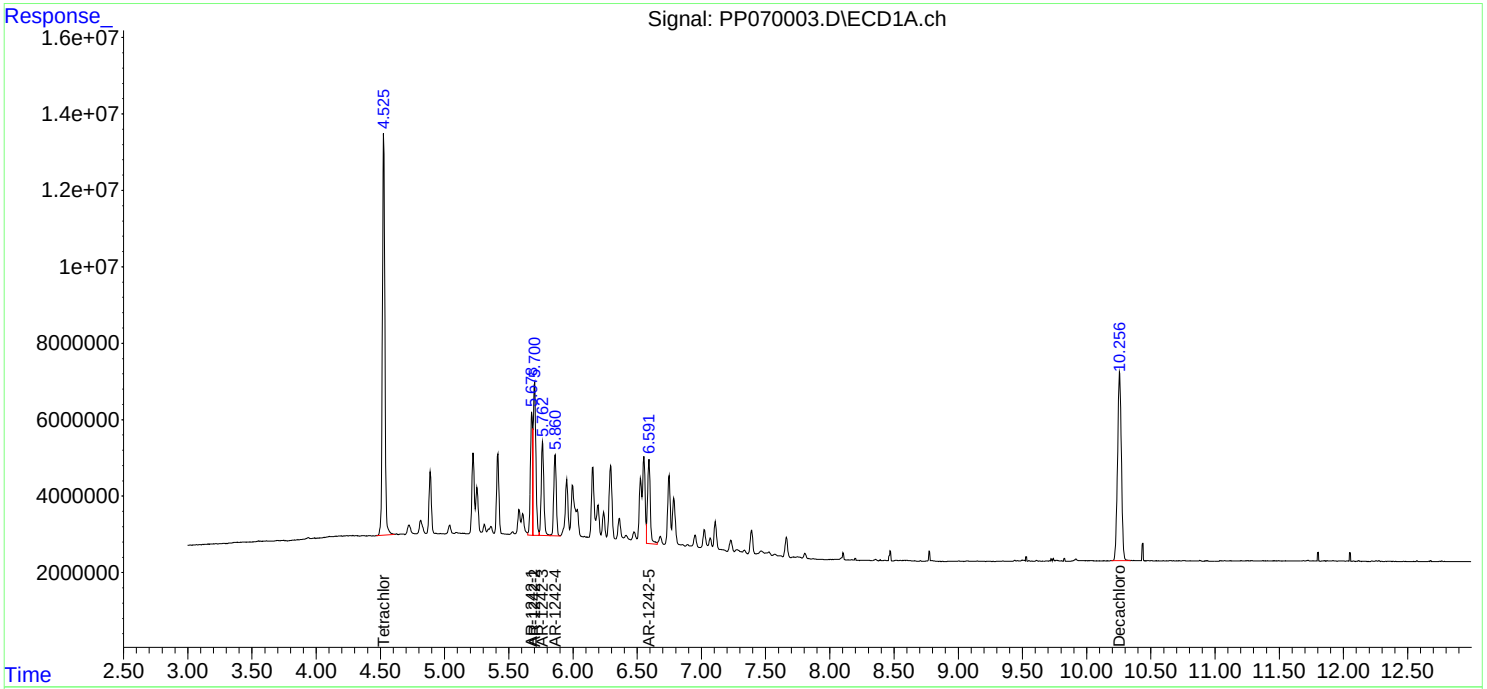
ICAL Form

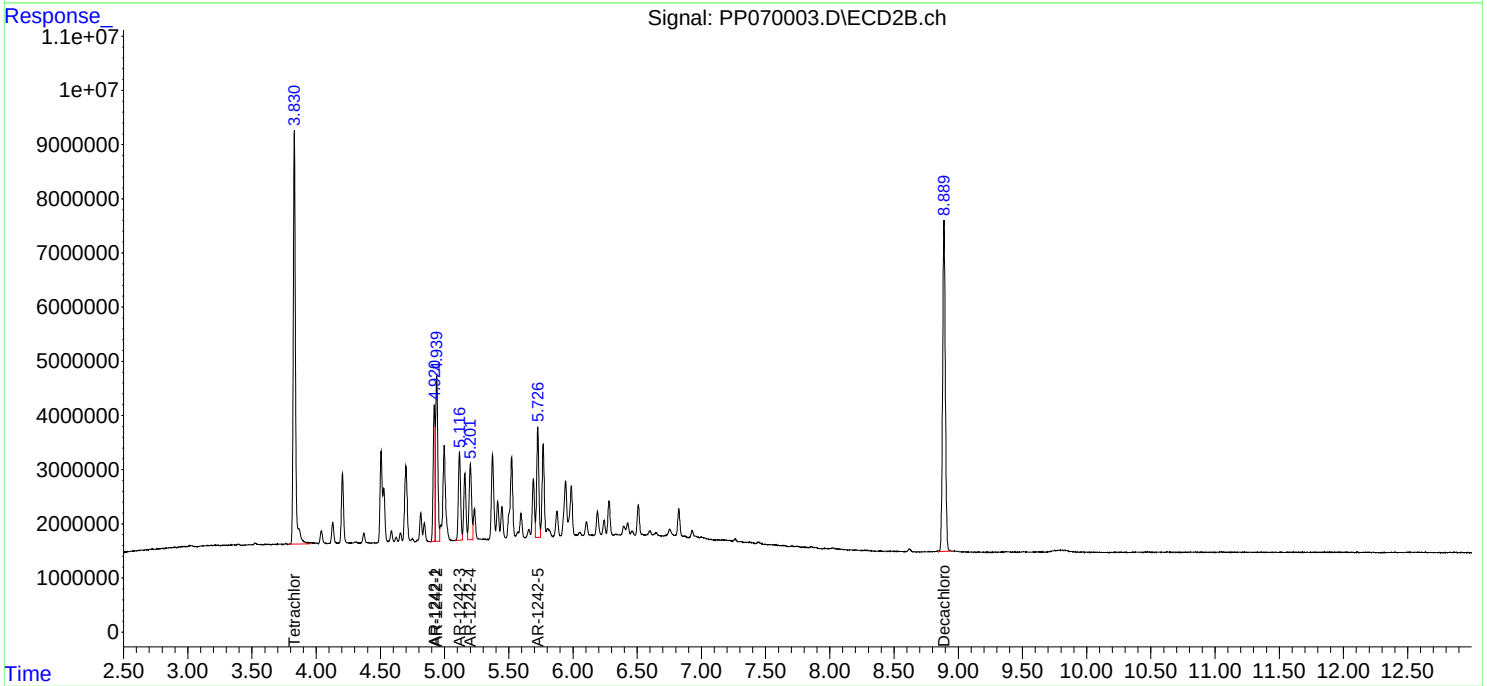
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:53
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

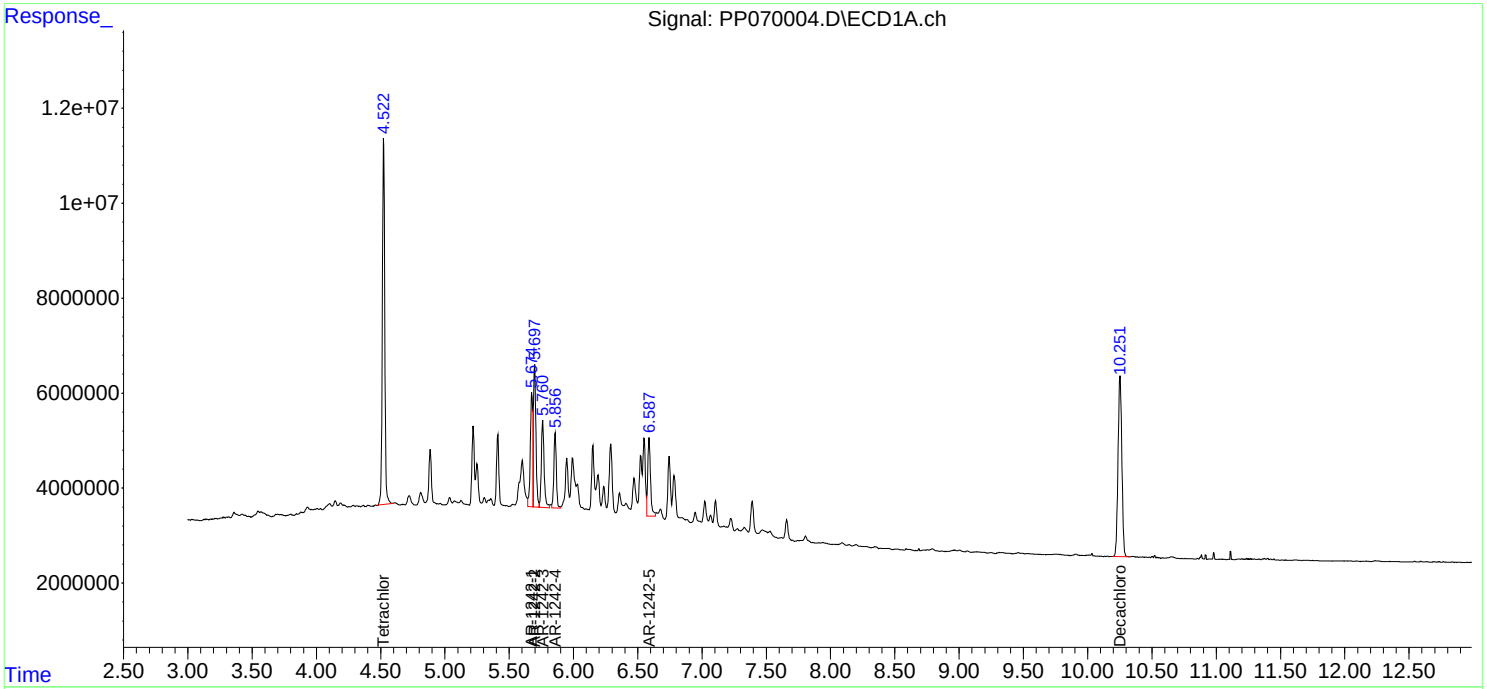
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

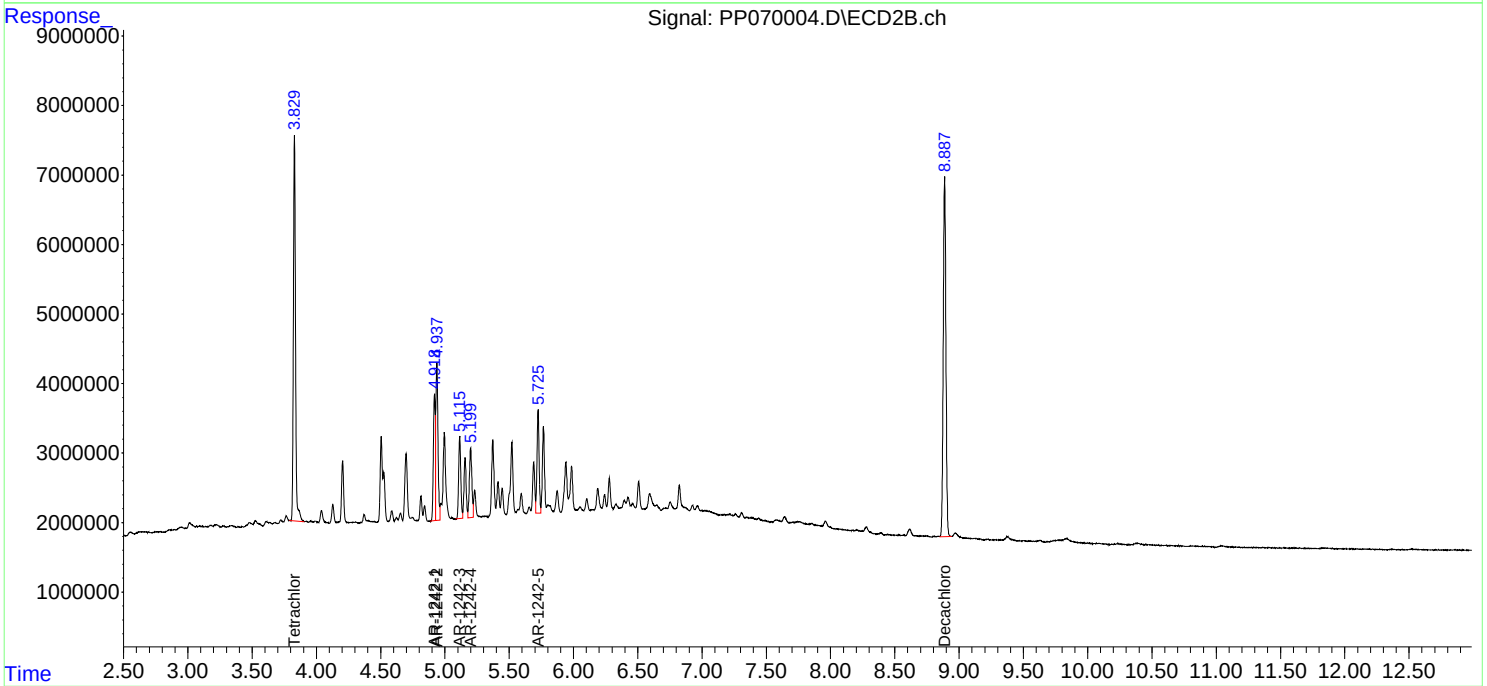
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

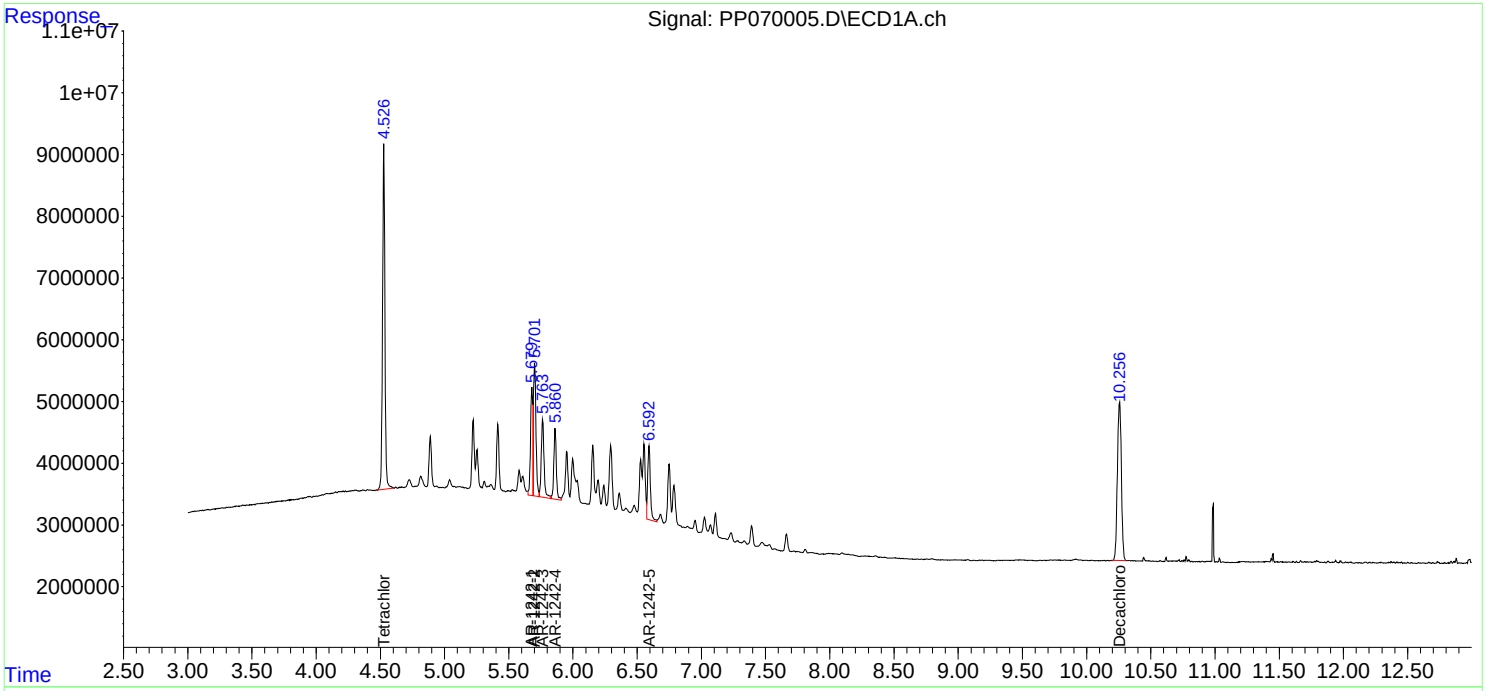
ICAL Form

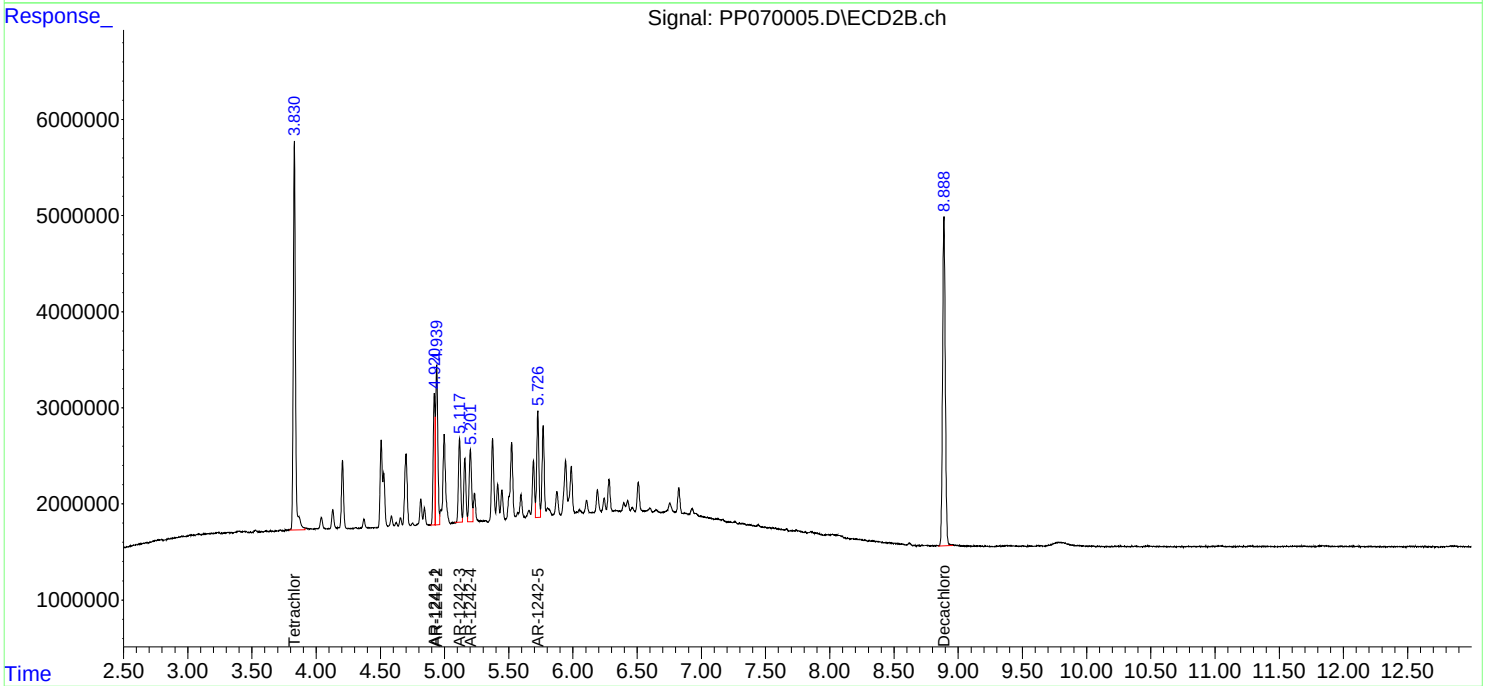
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:25
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

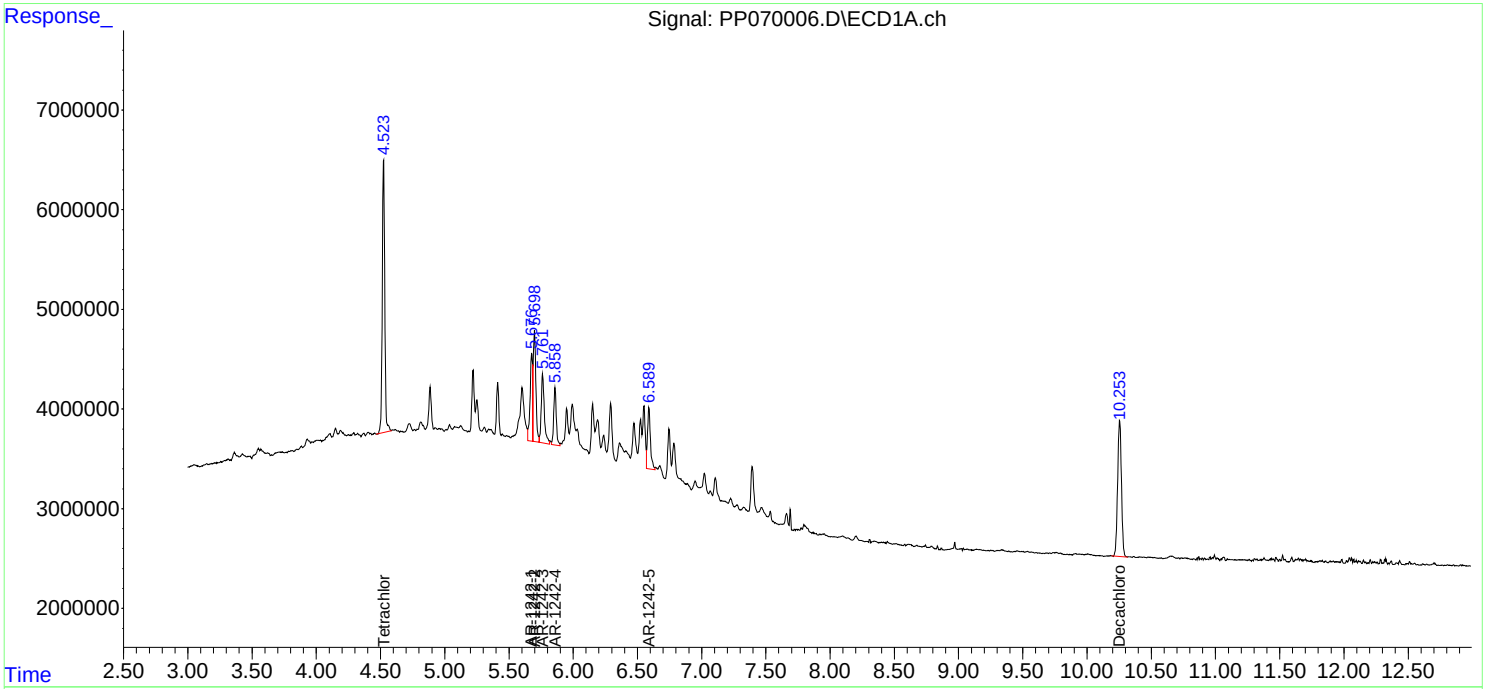
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

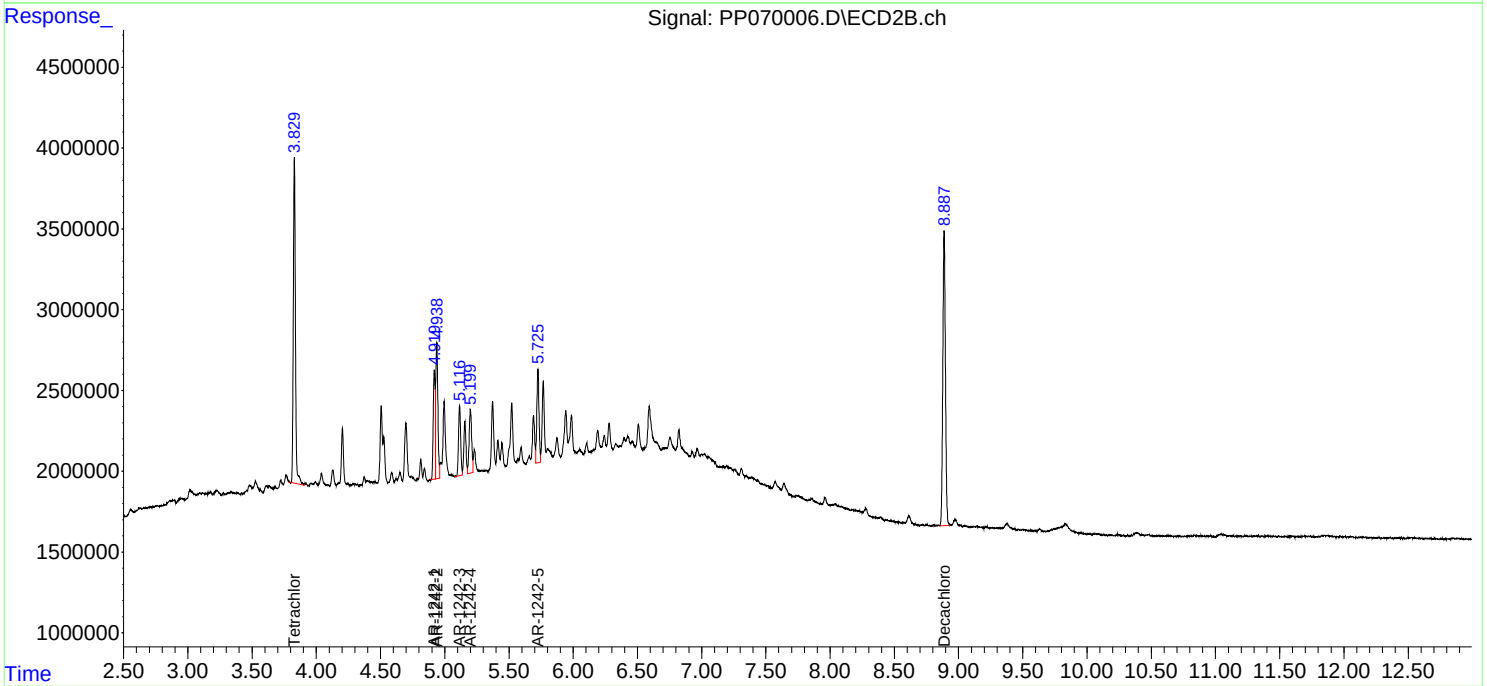
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

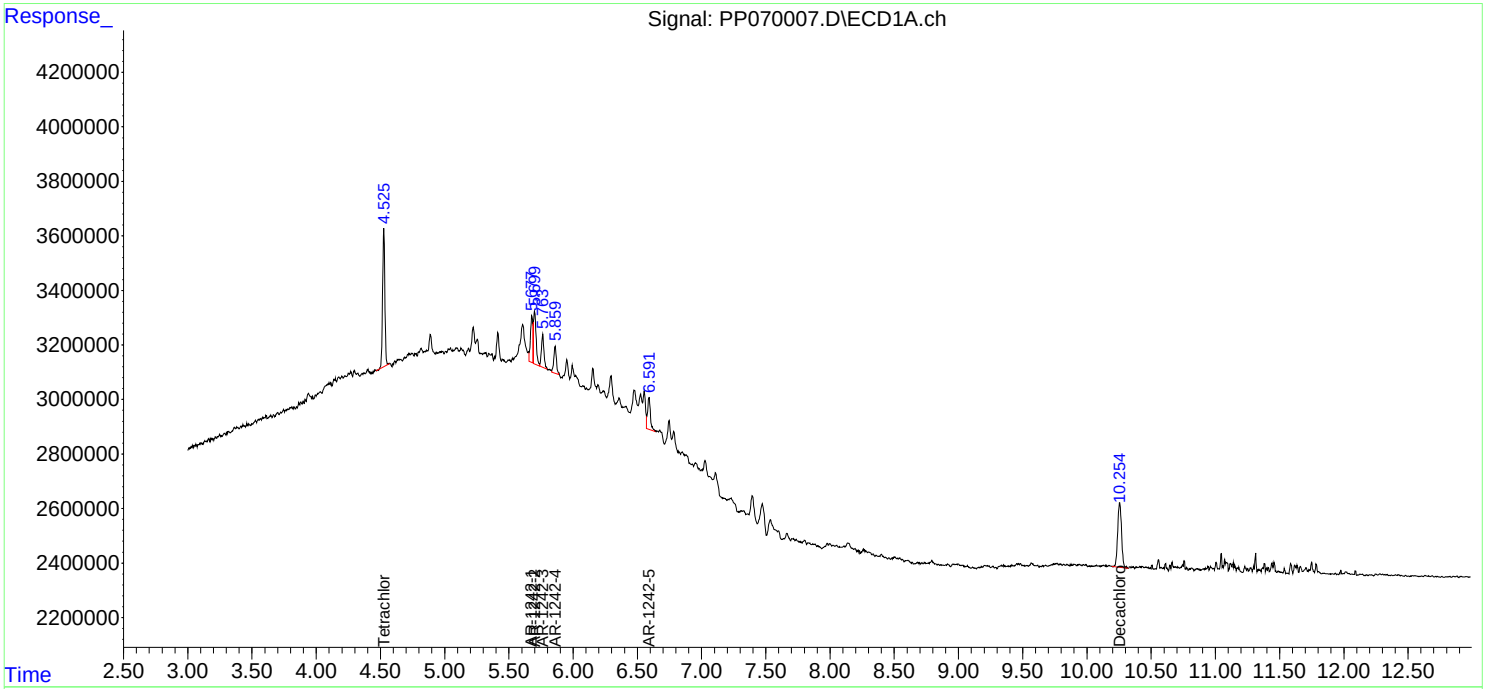
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

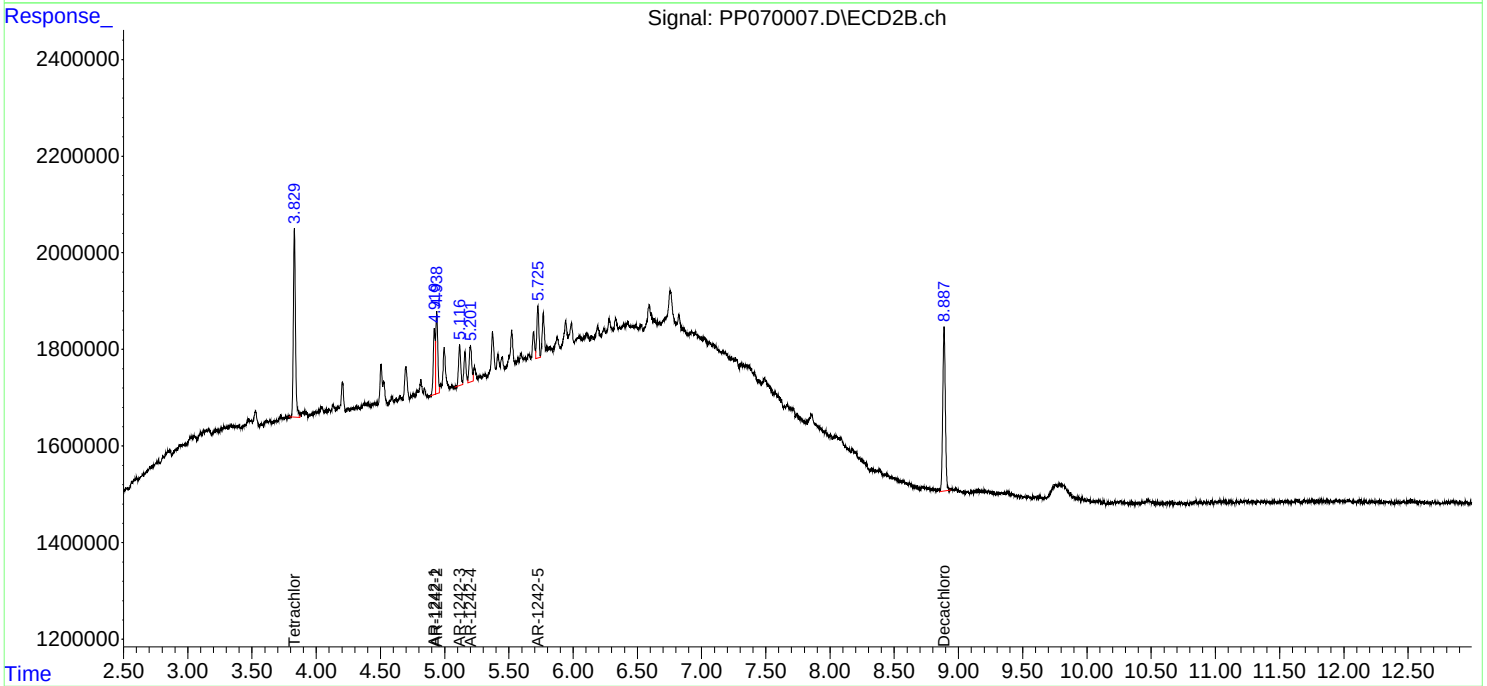
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

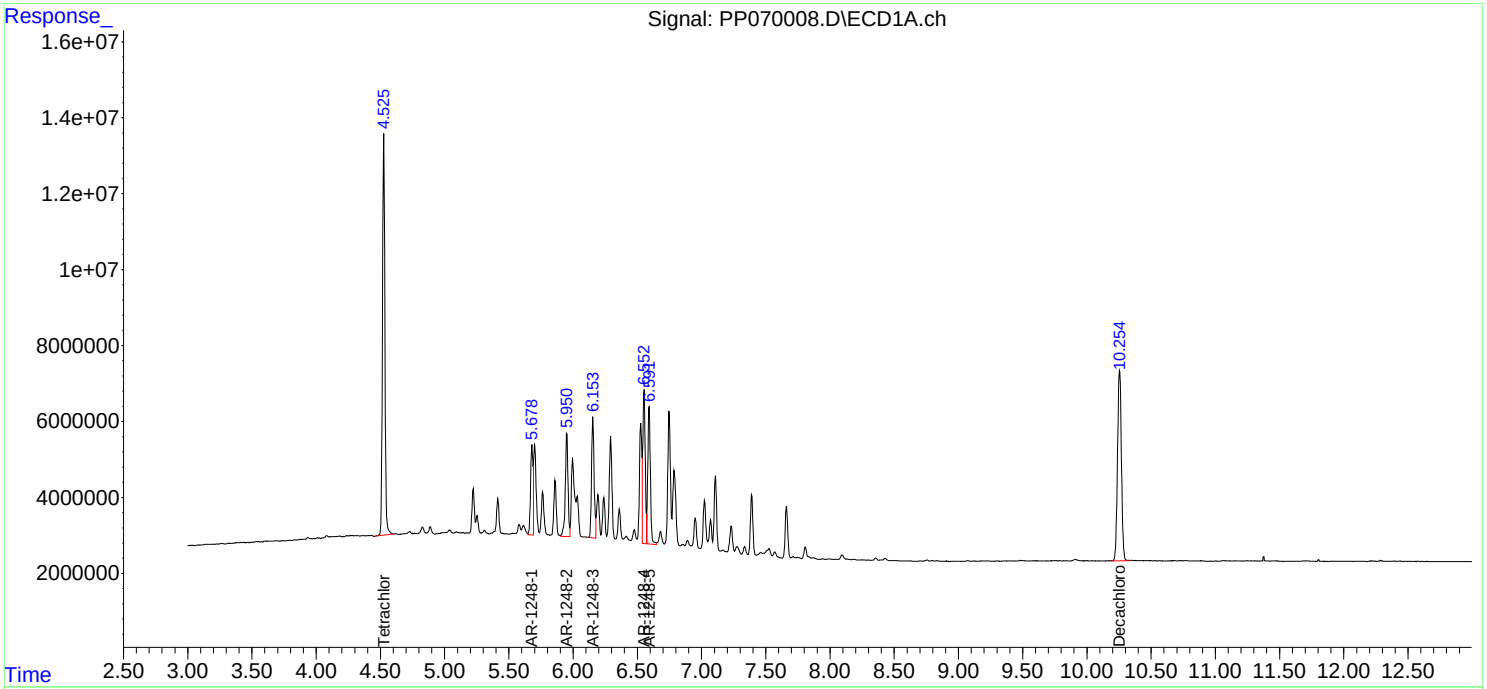
ICAL Form

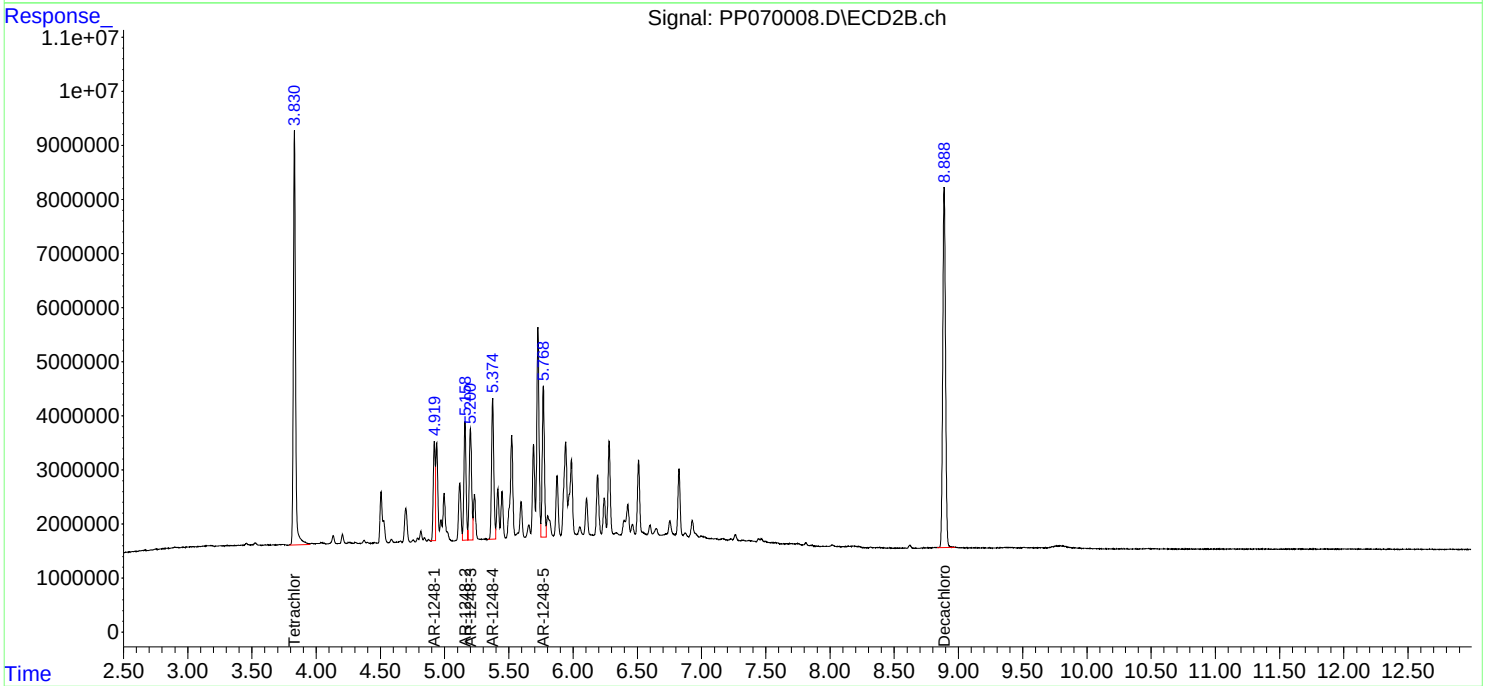
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:14
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

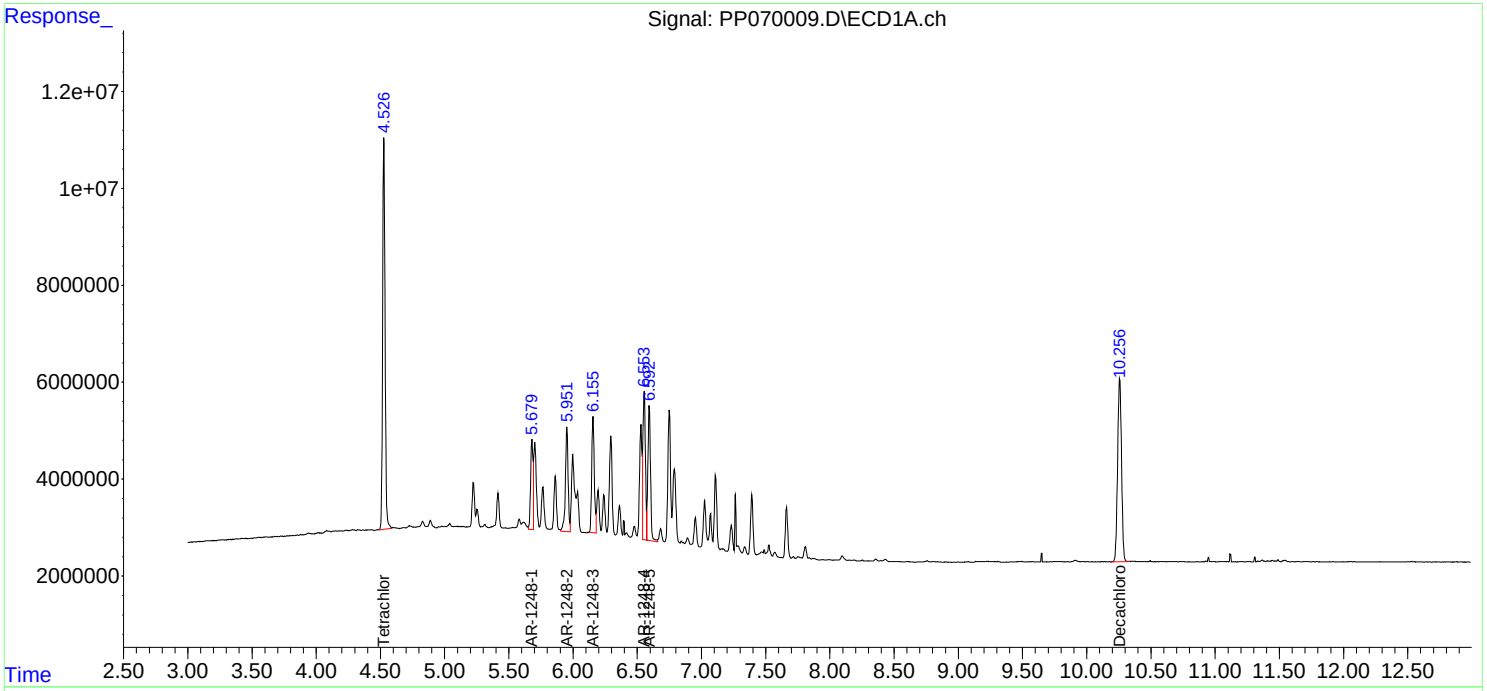
ICAL Form

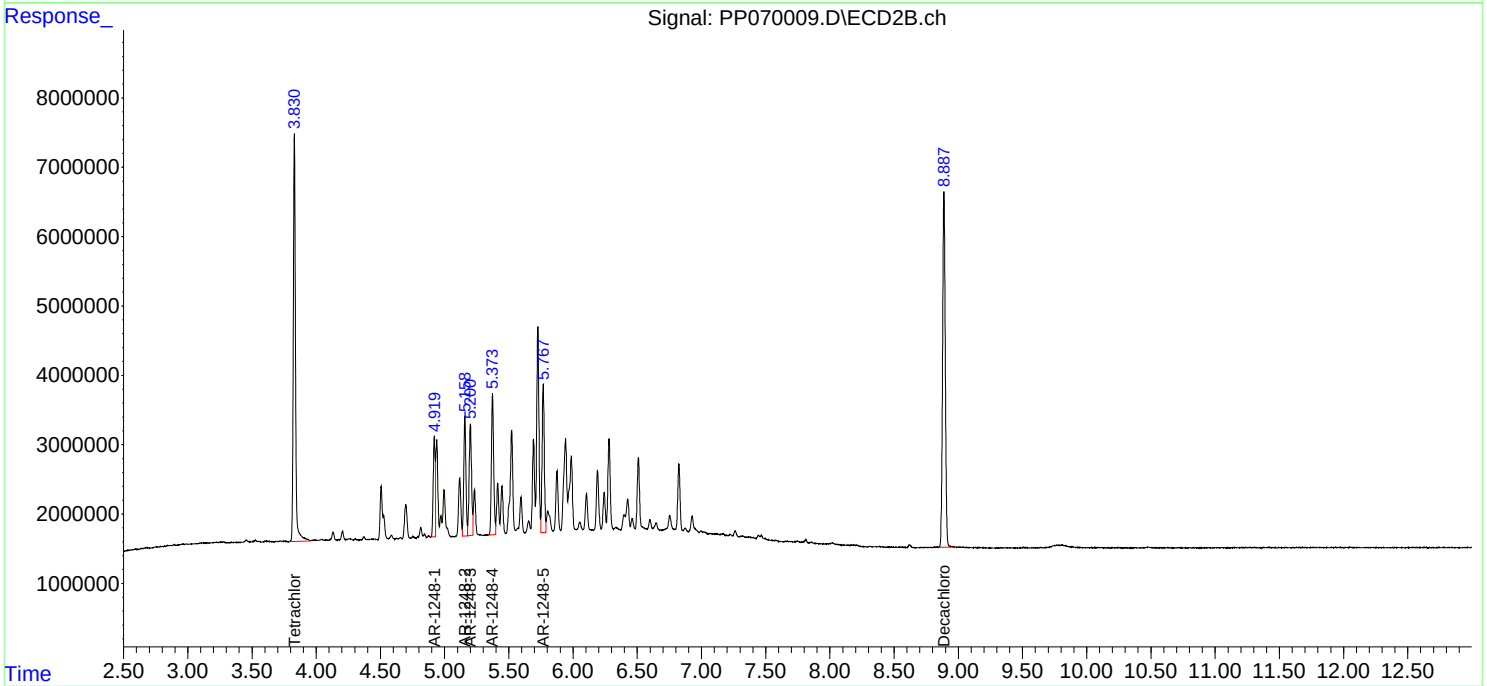
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:30
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

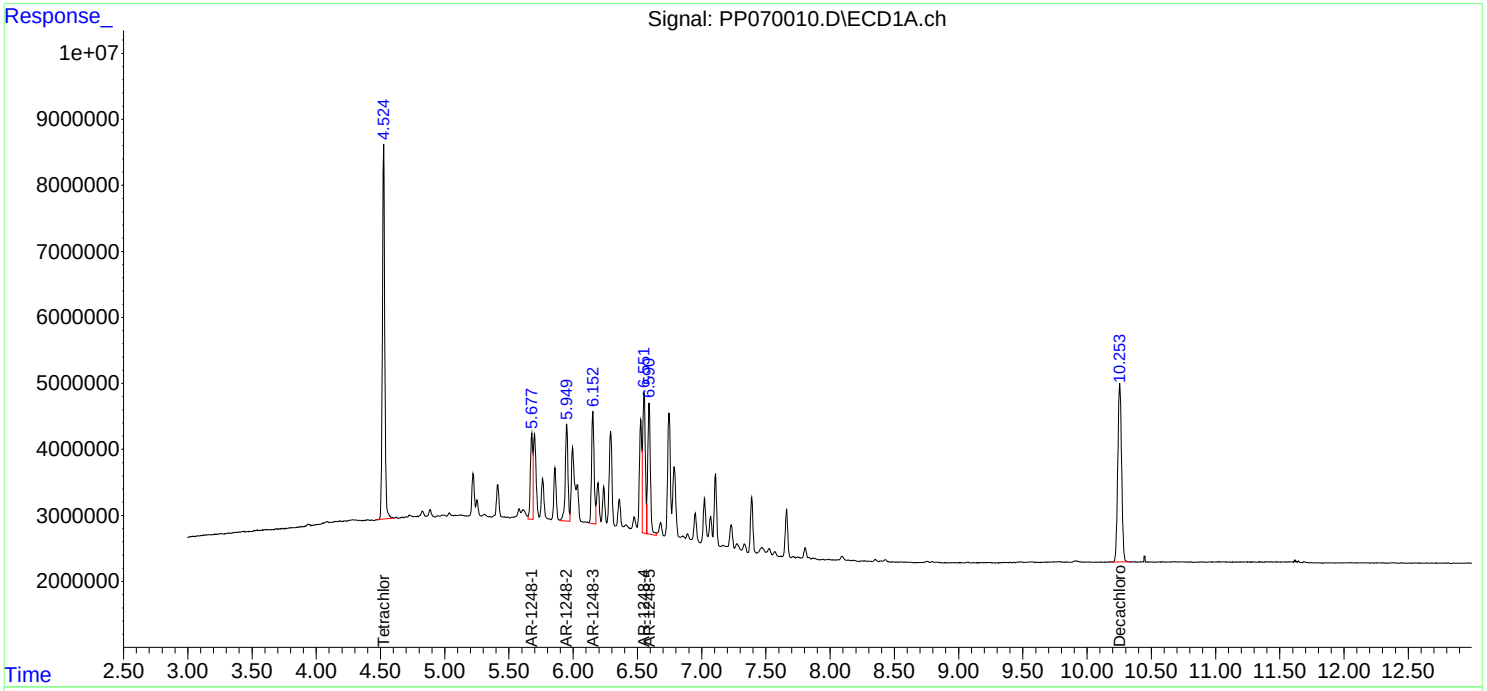
ICAL Form

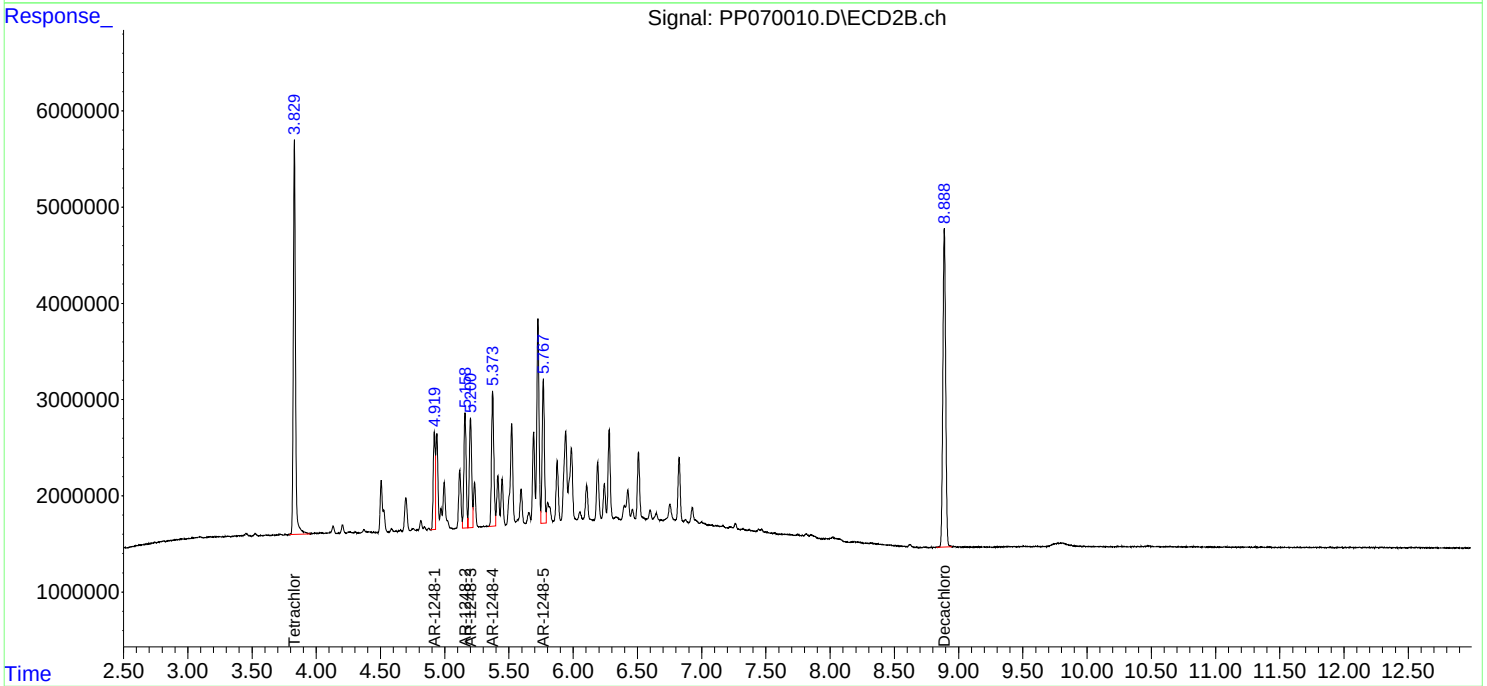
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:46
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

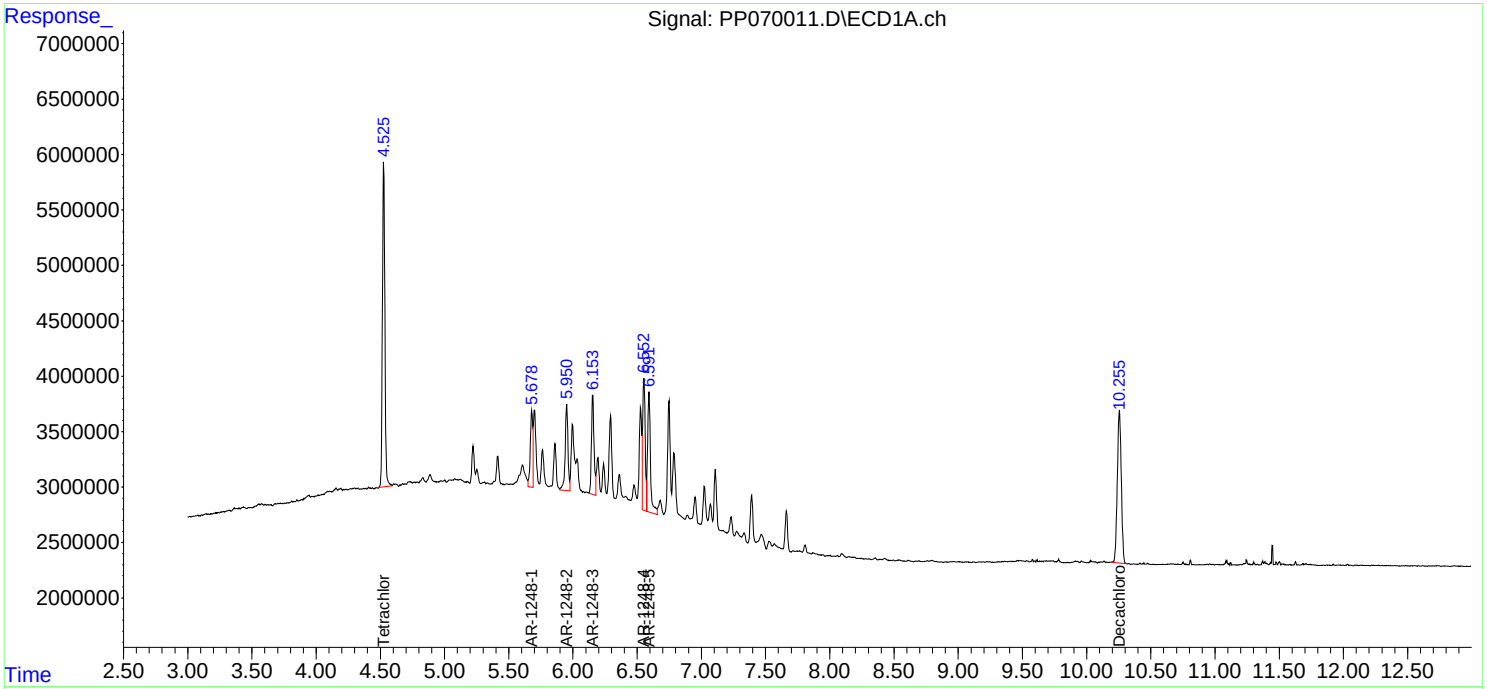
ICAL Form

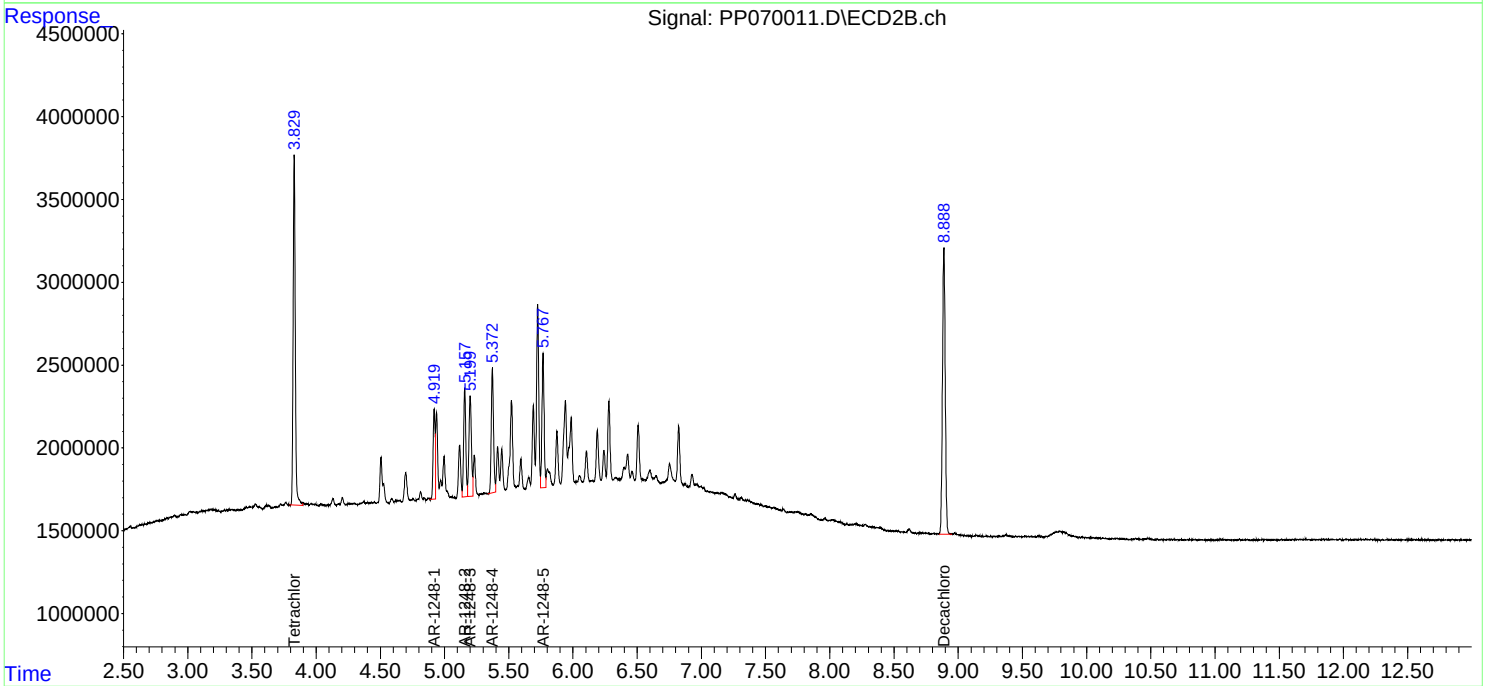
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:03
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

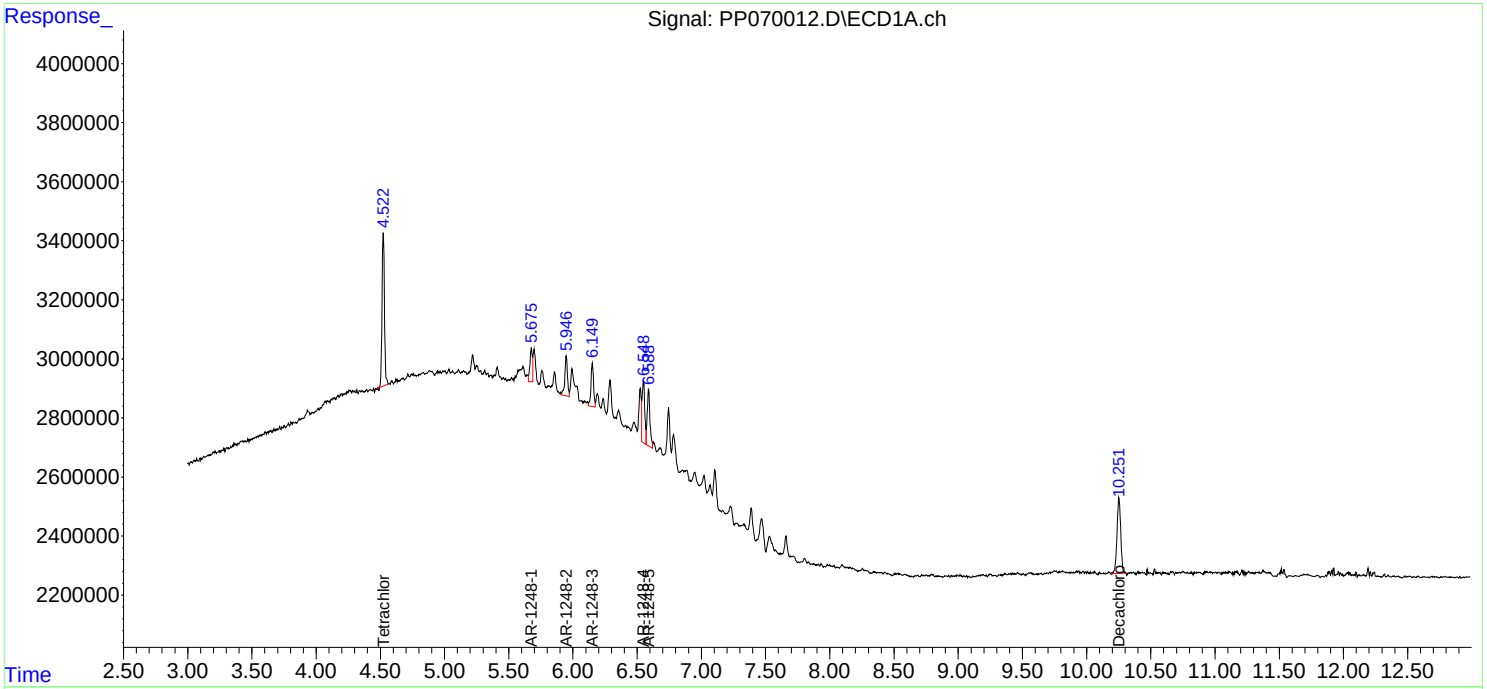
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

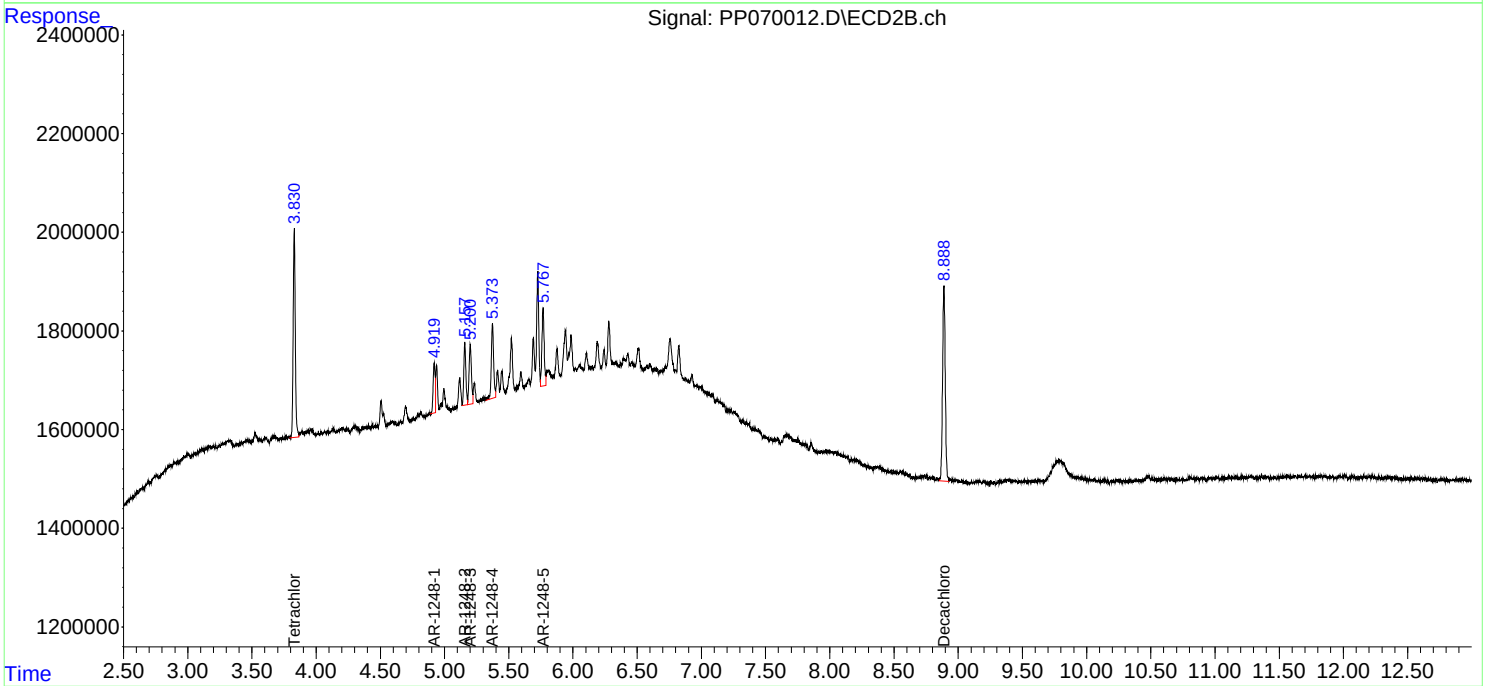
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

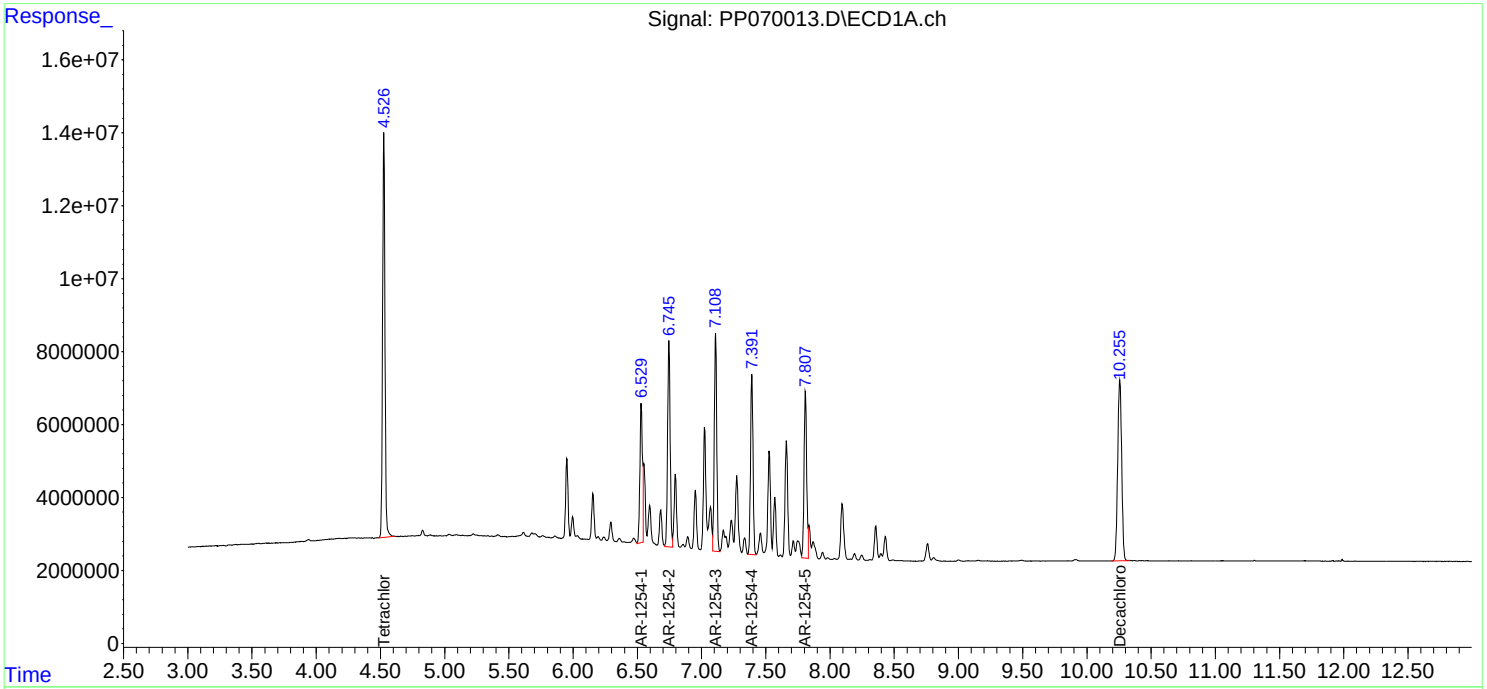
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

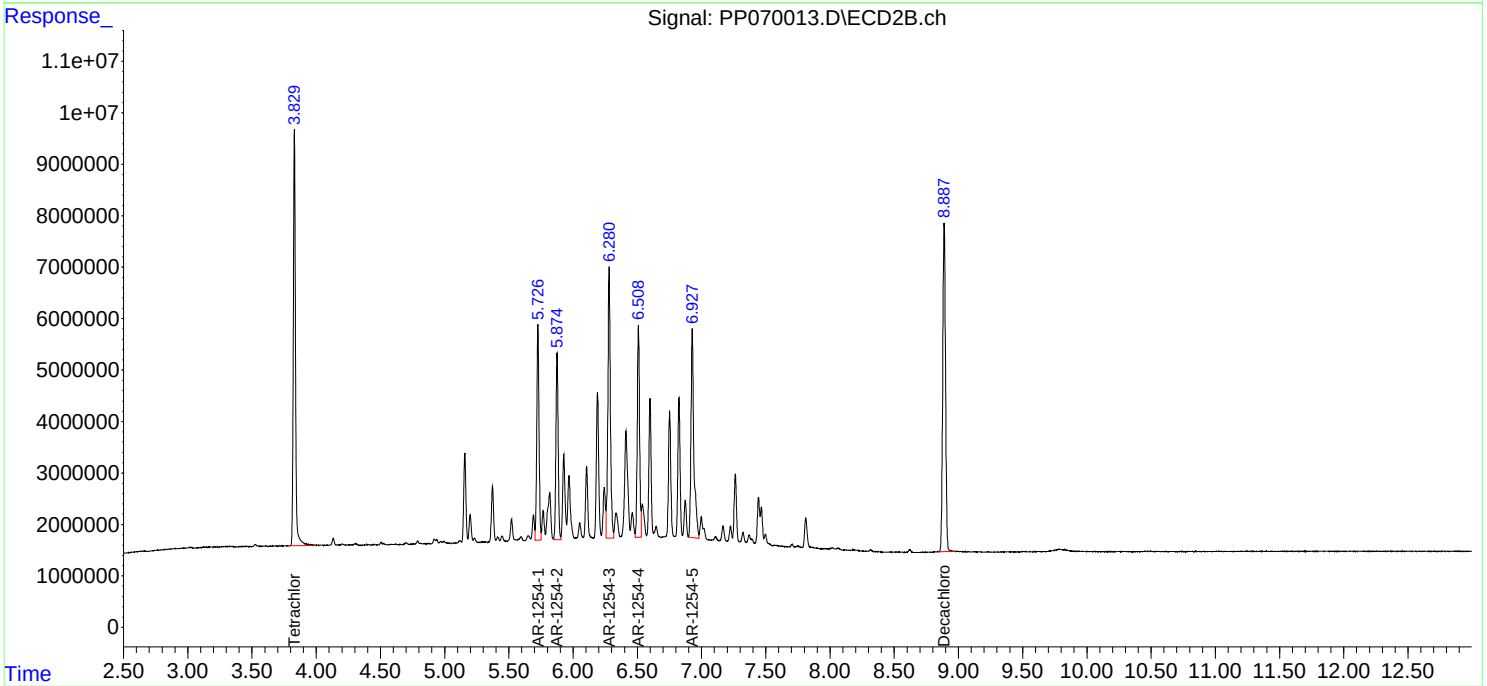
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

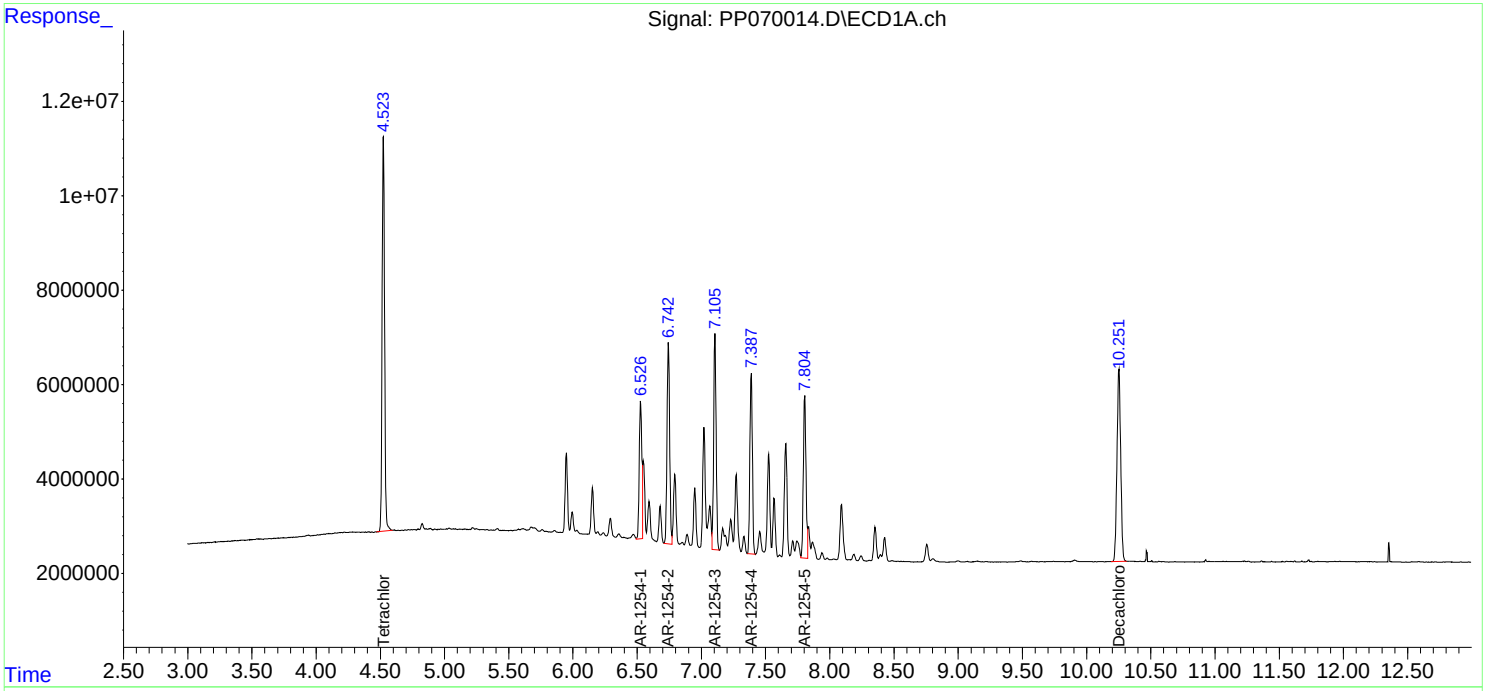
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

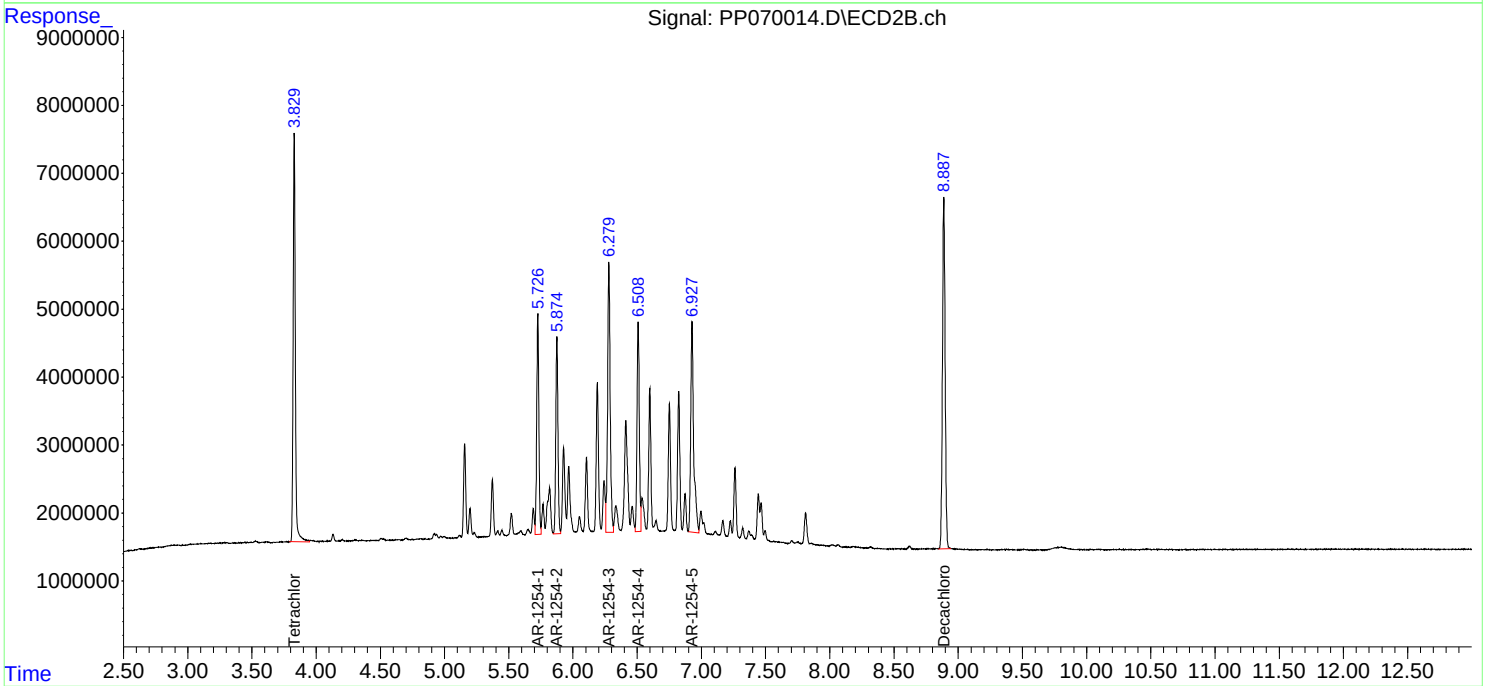
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

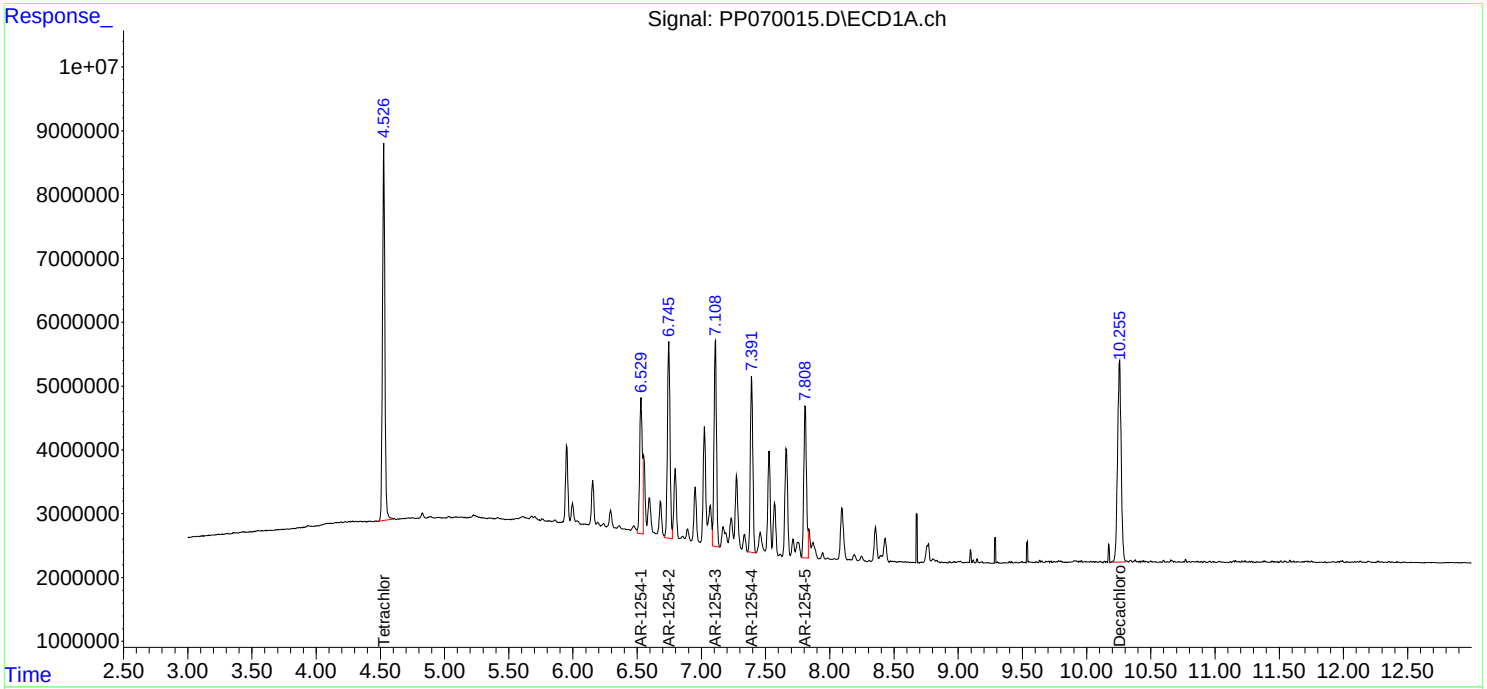
ICAL Form

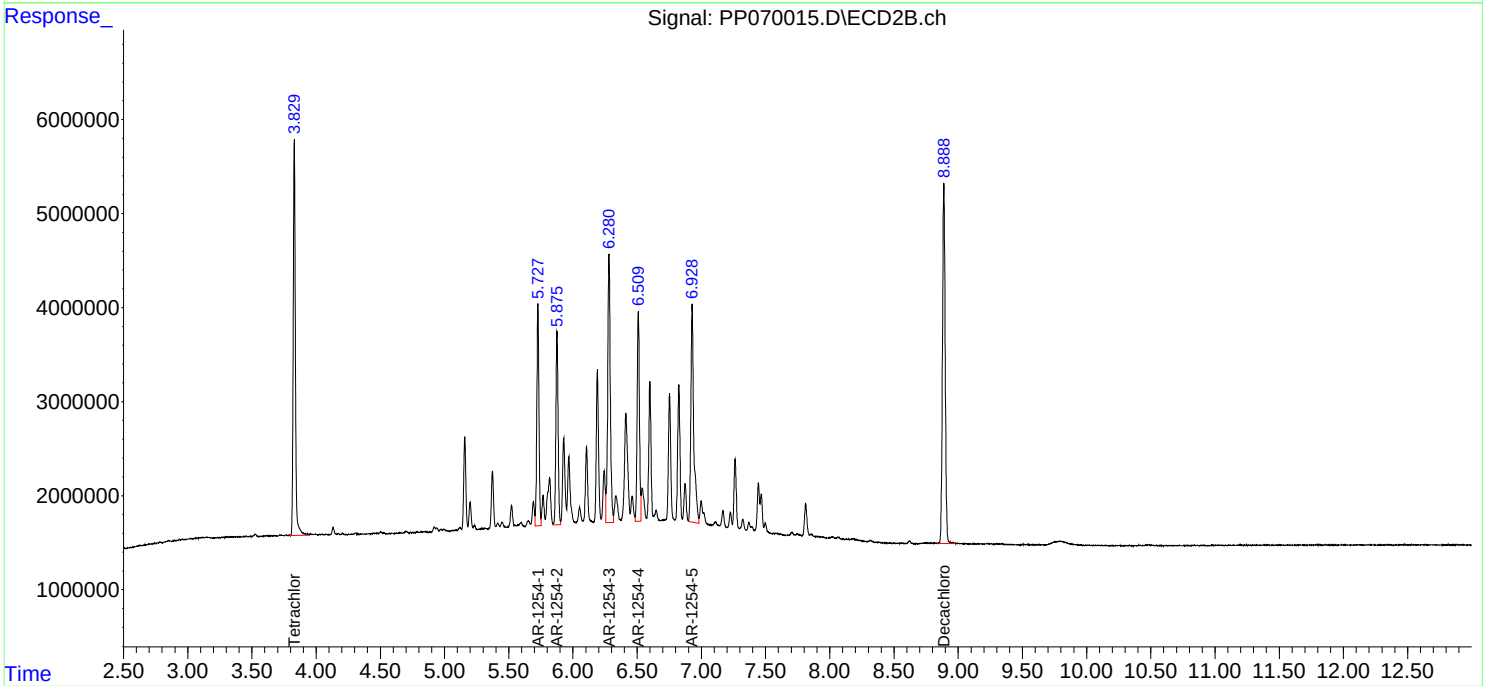
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:08
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

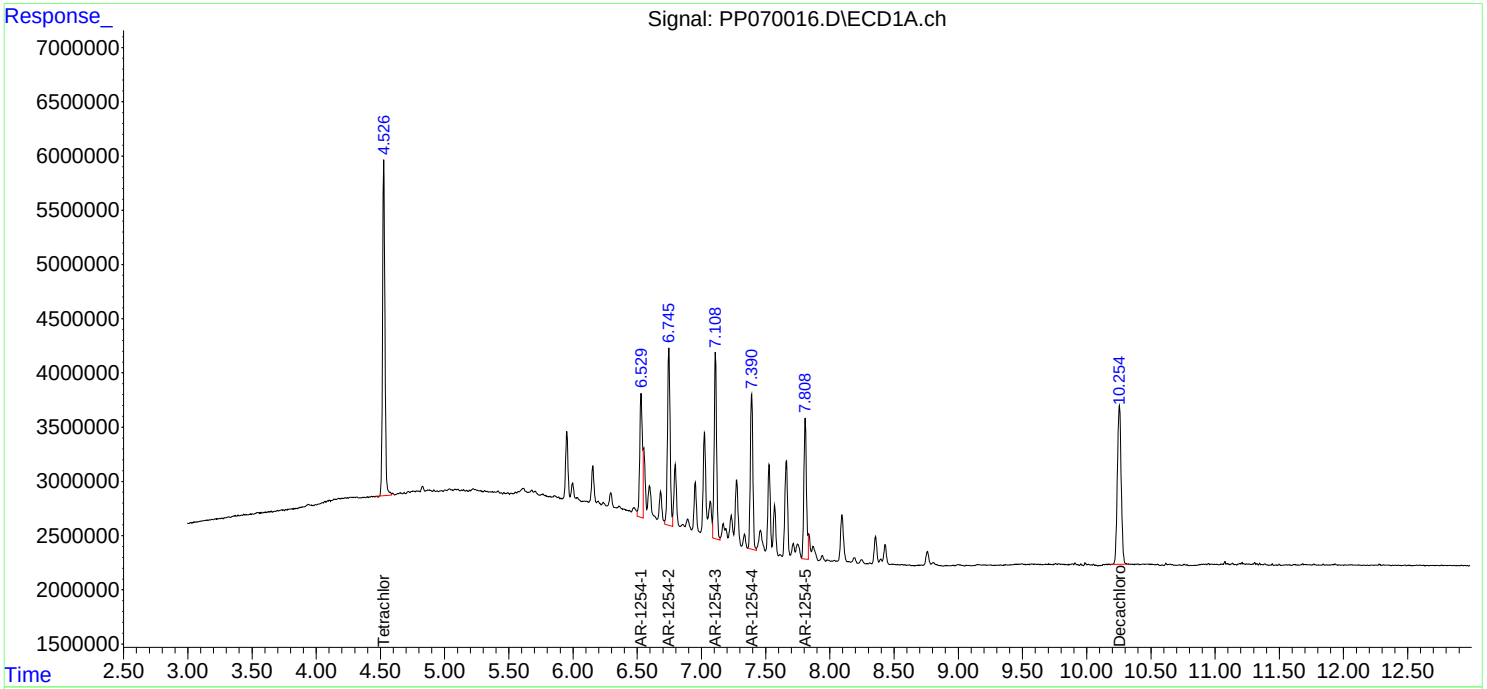
ICAL Form

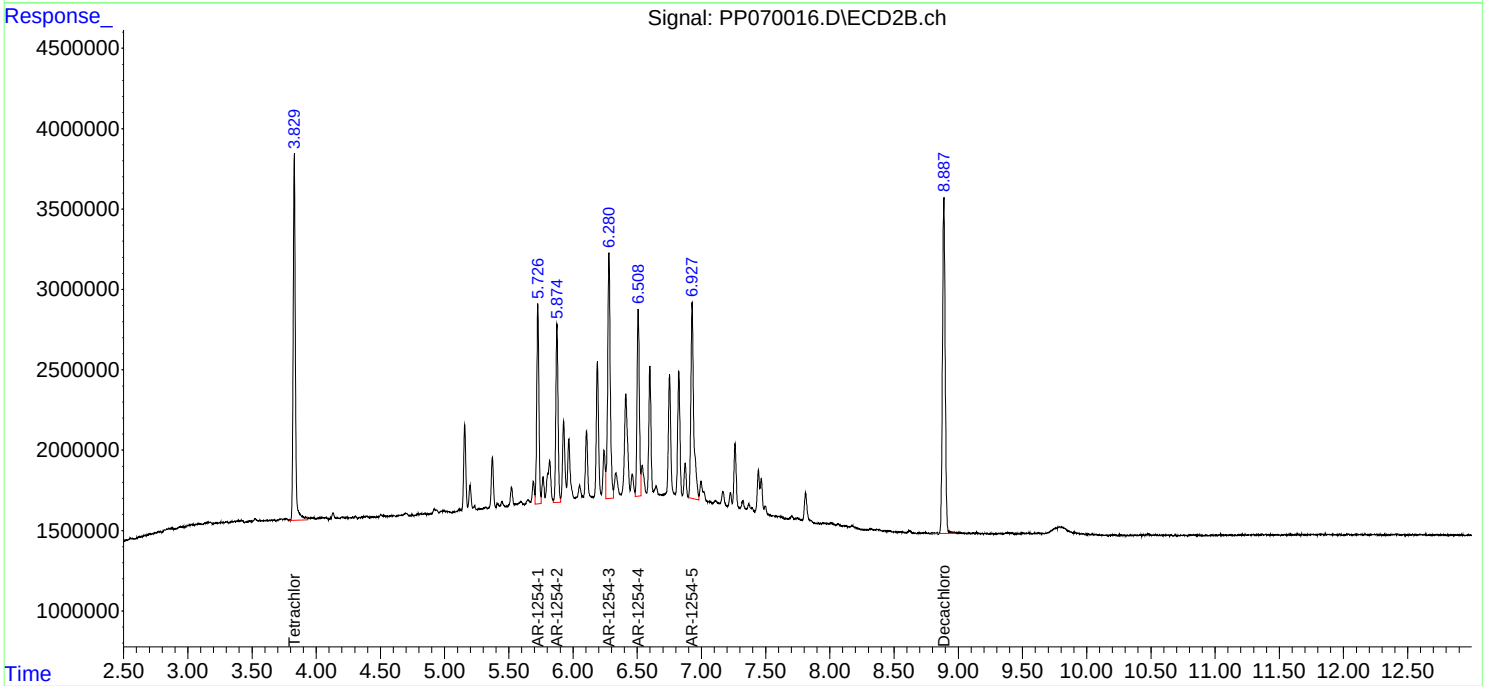
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:24
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

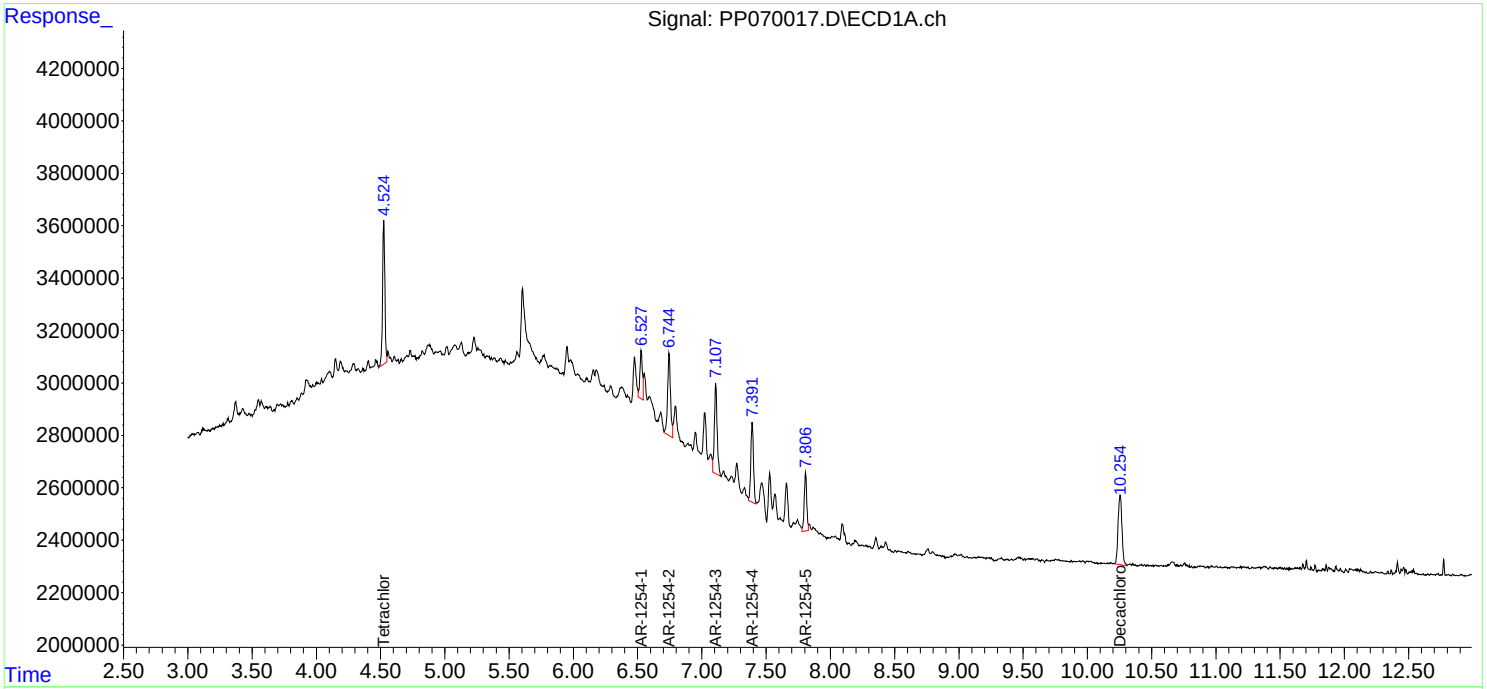
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

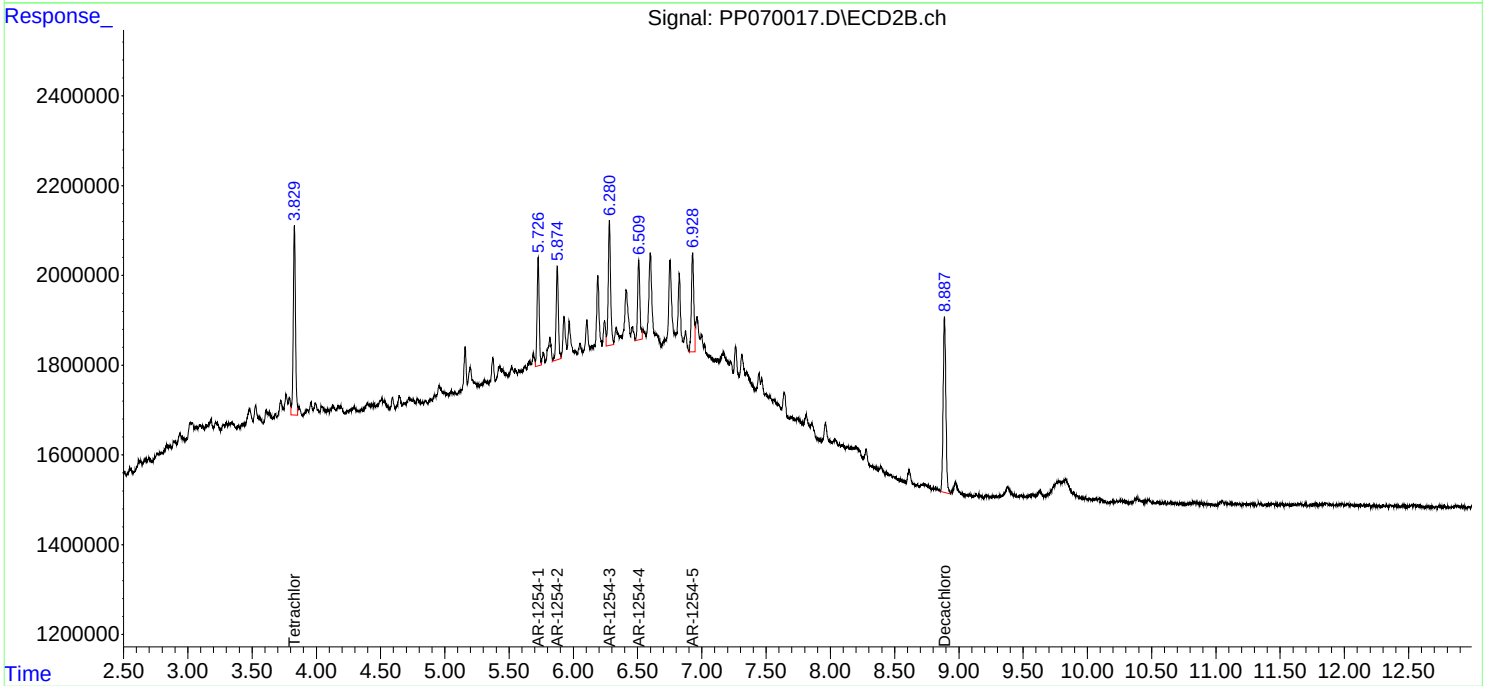
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

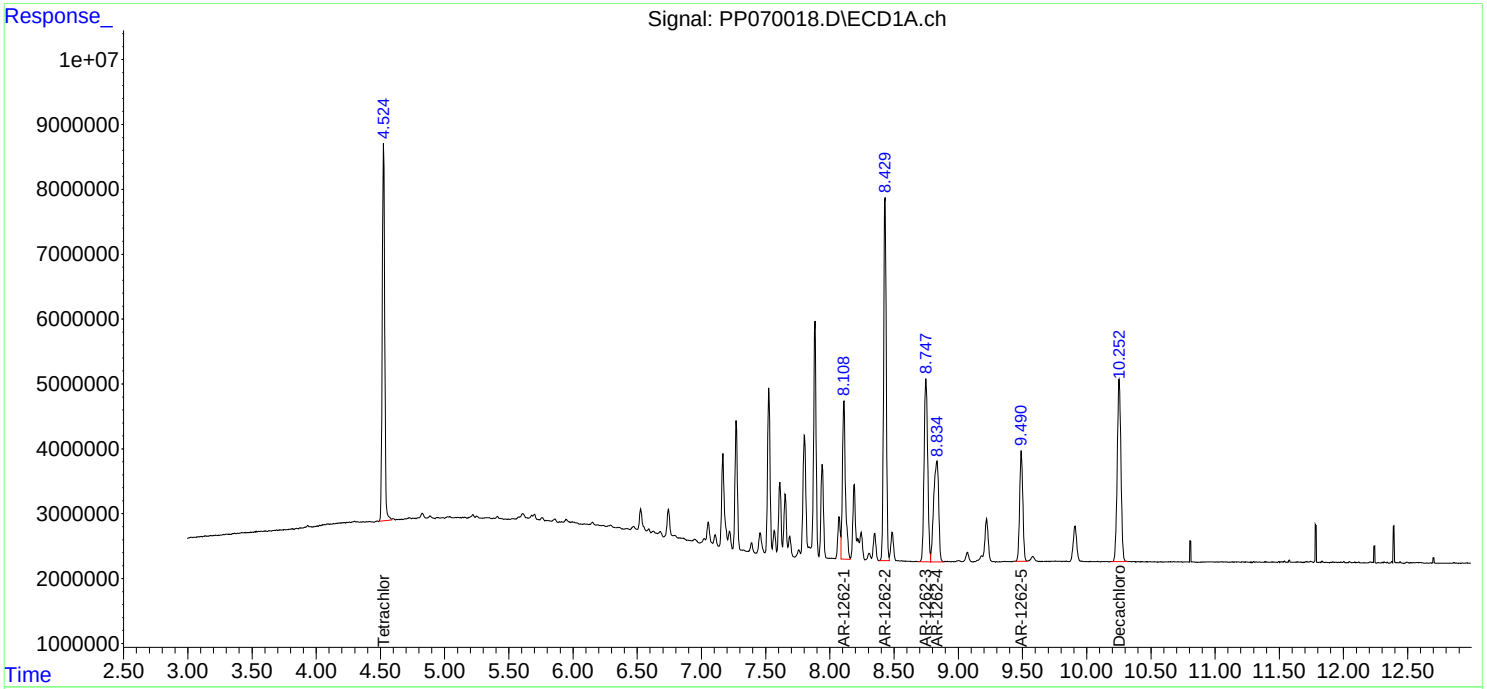
ICAL Form

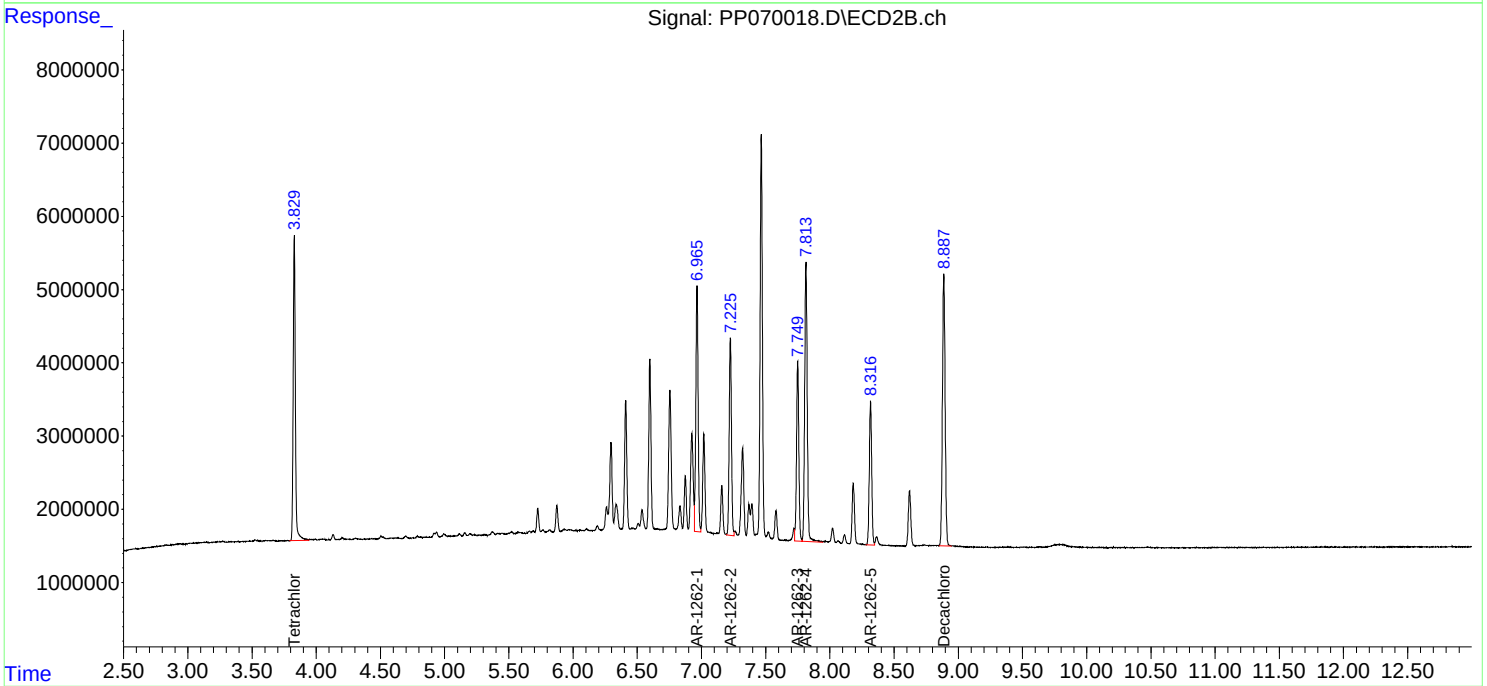
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:56
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

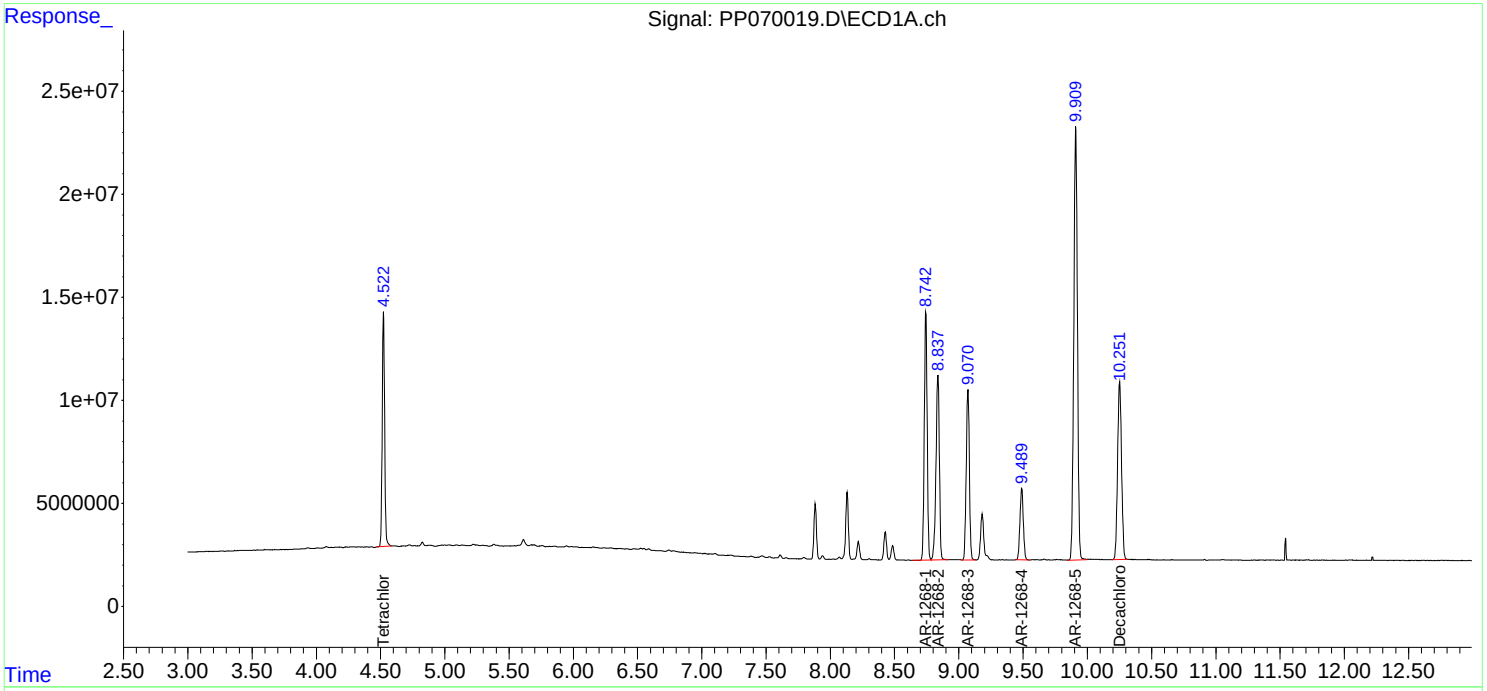
ICAL Form

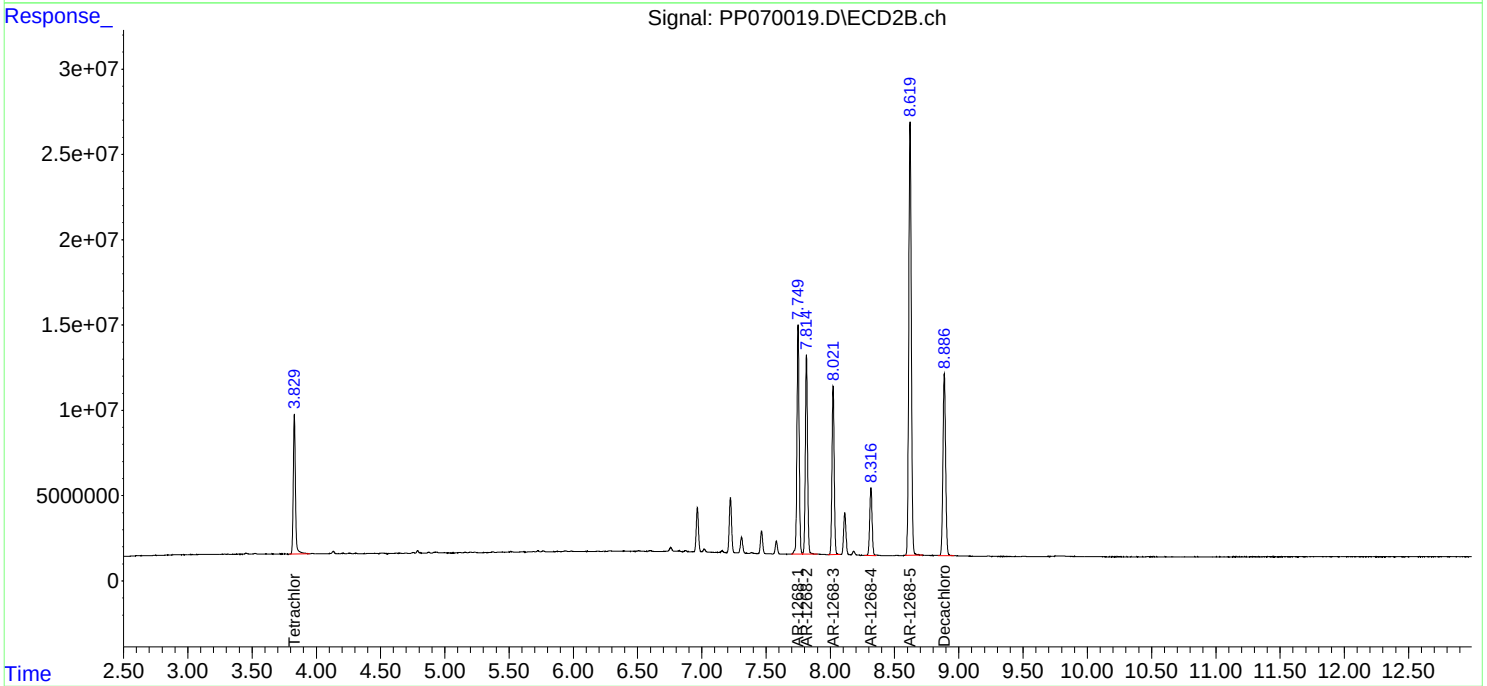
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:12
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

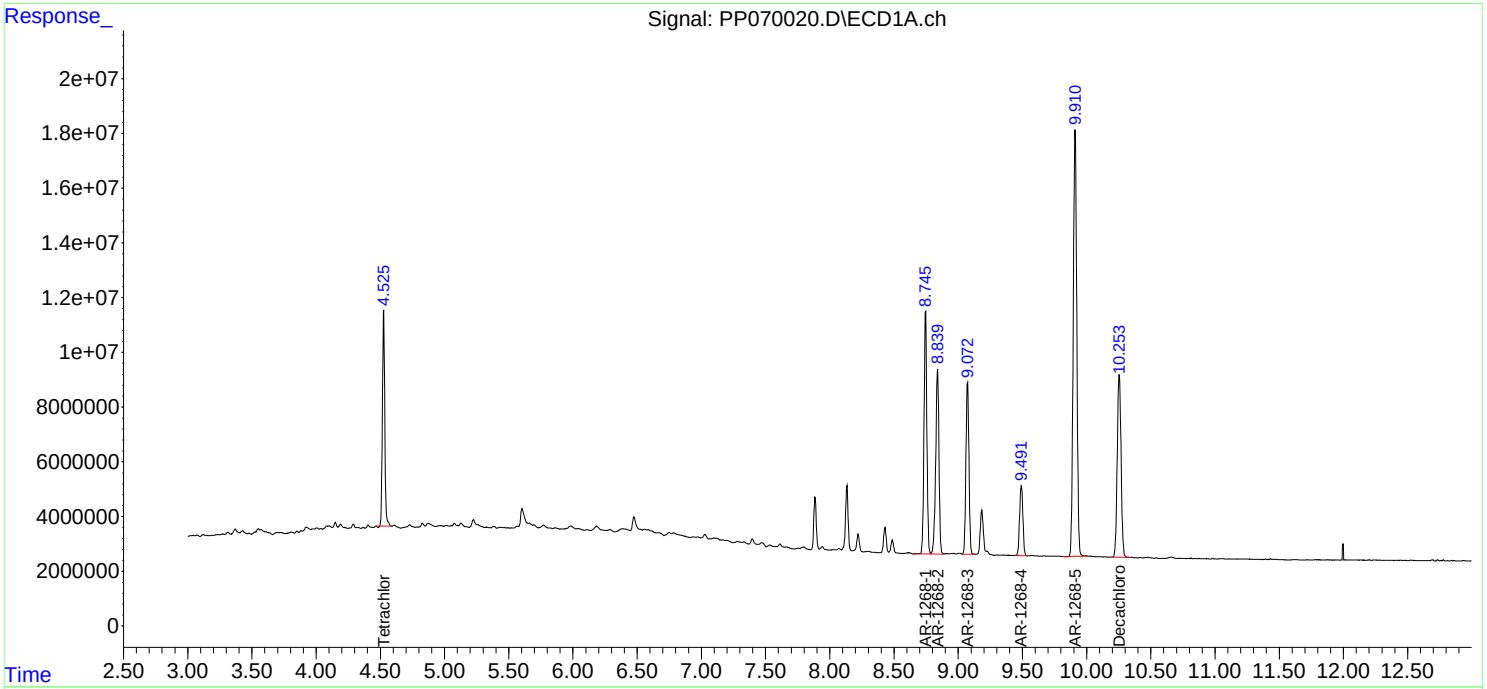
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

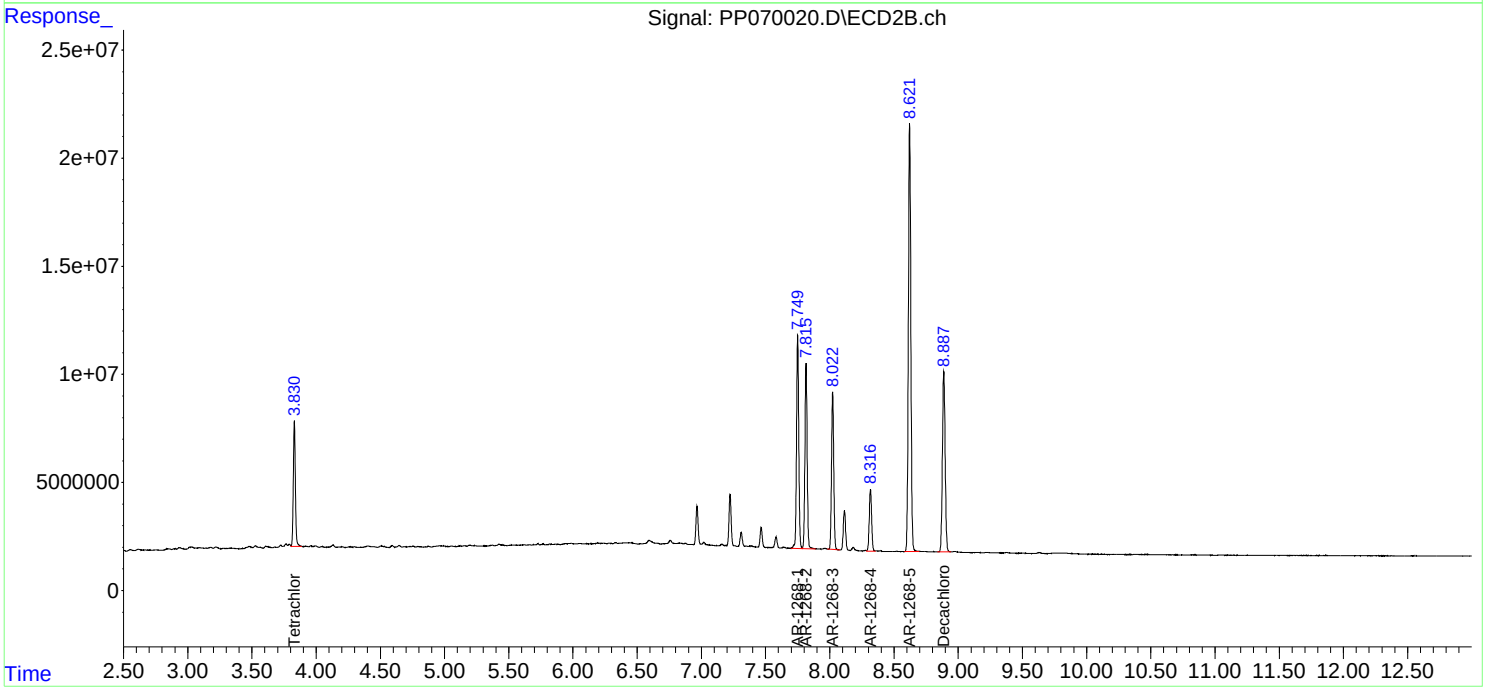
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

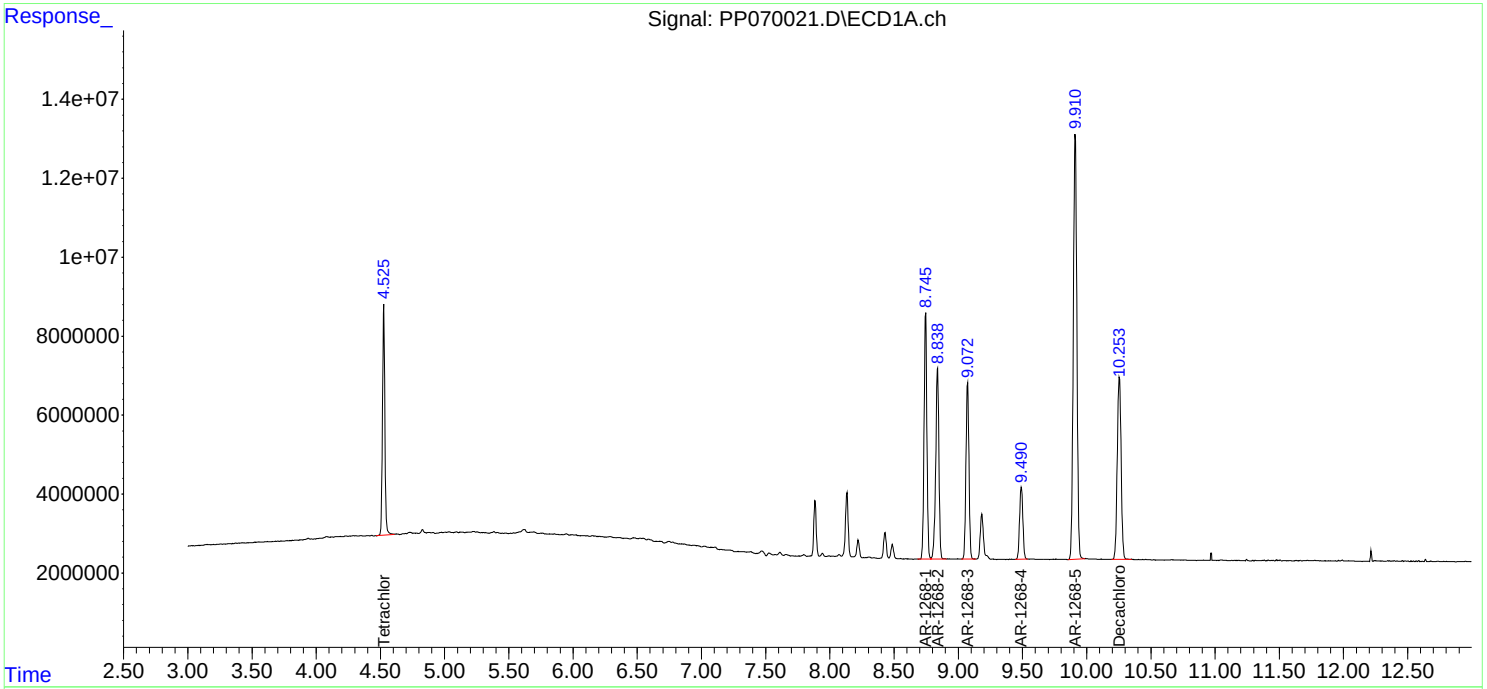
ICAL Form

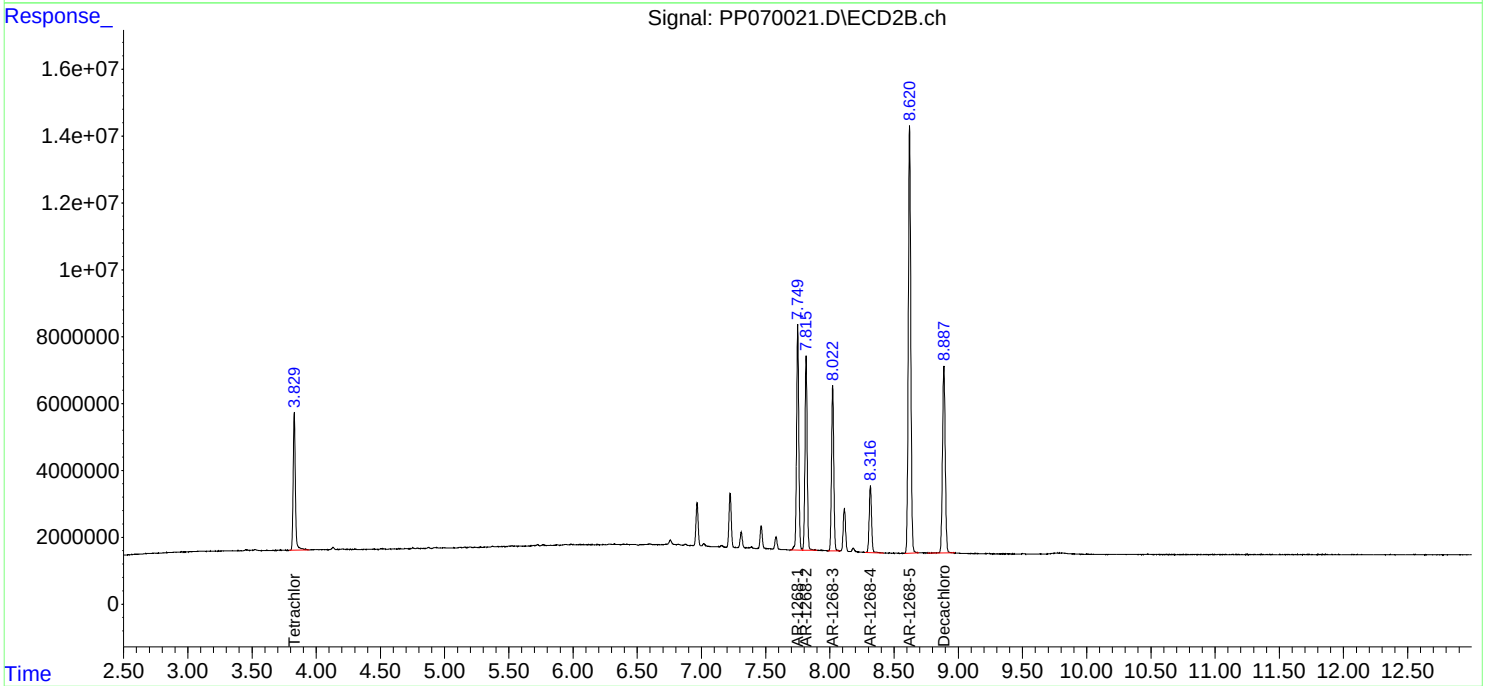
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:45
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

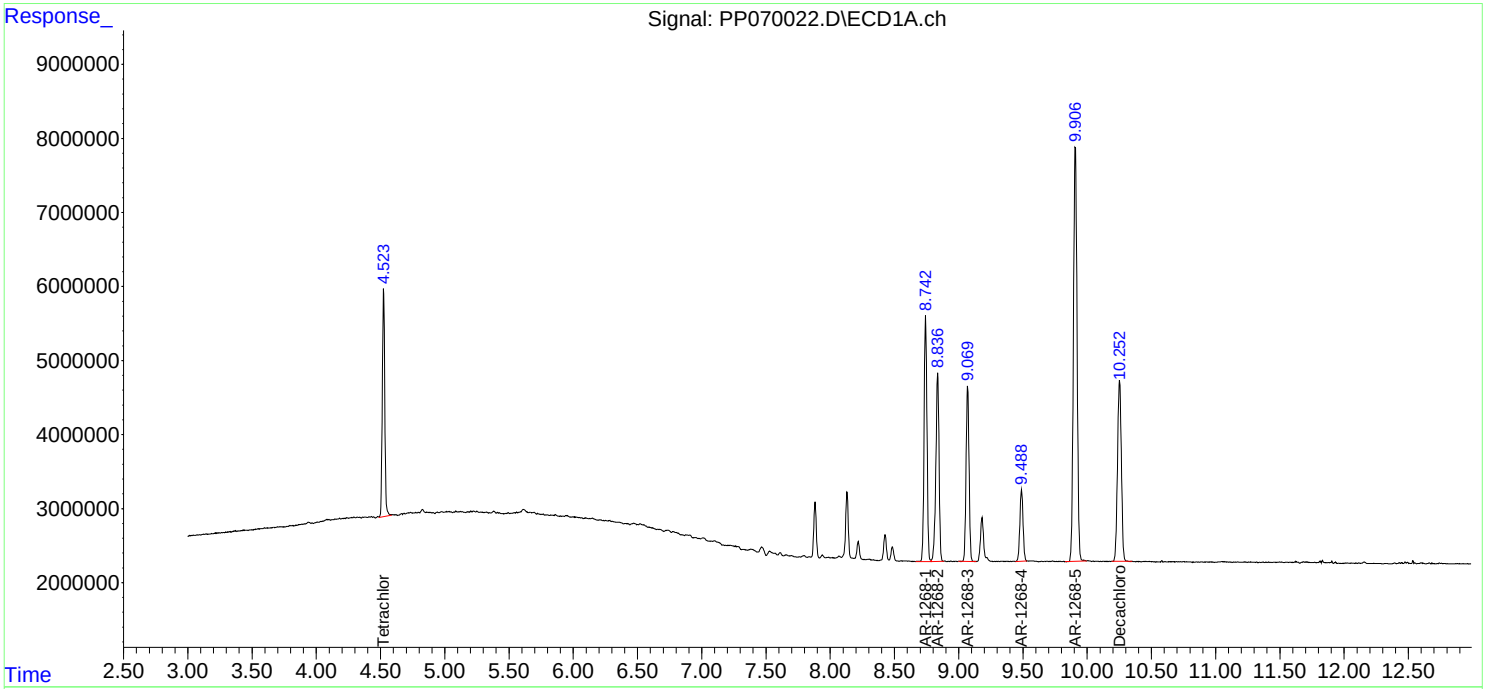
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

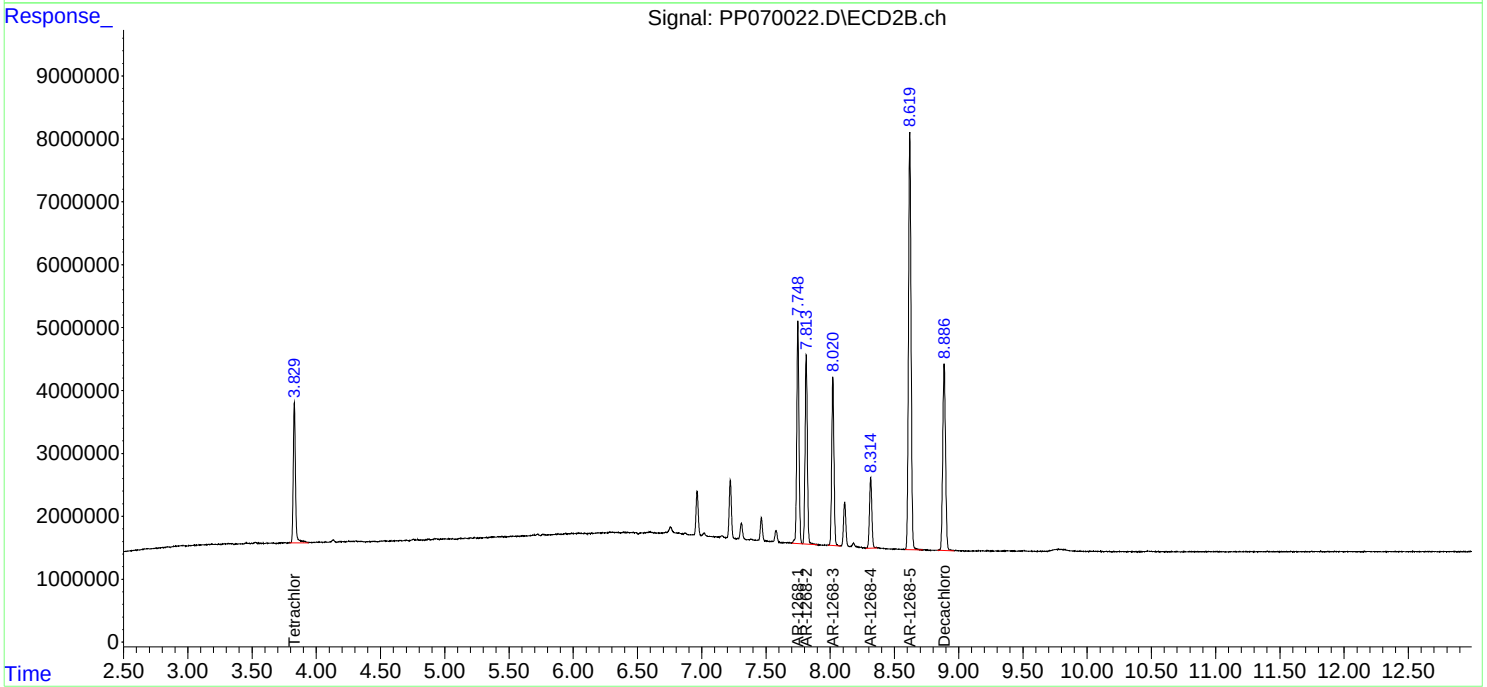
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

ICAL Form

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

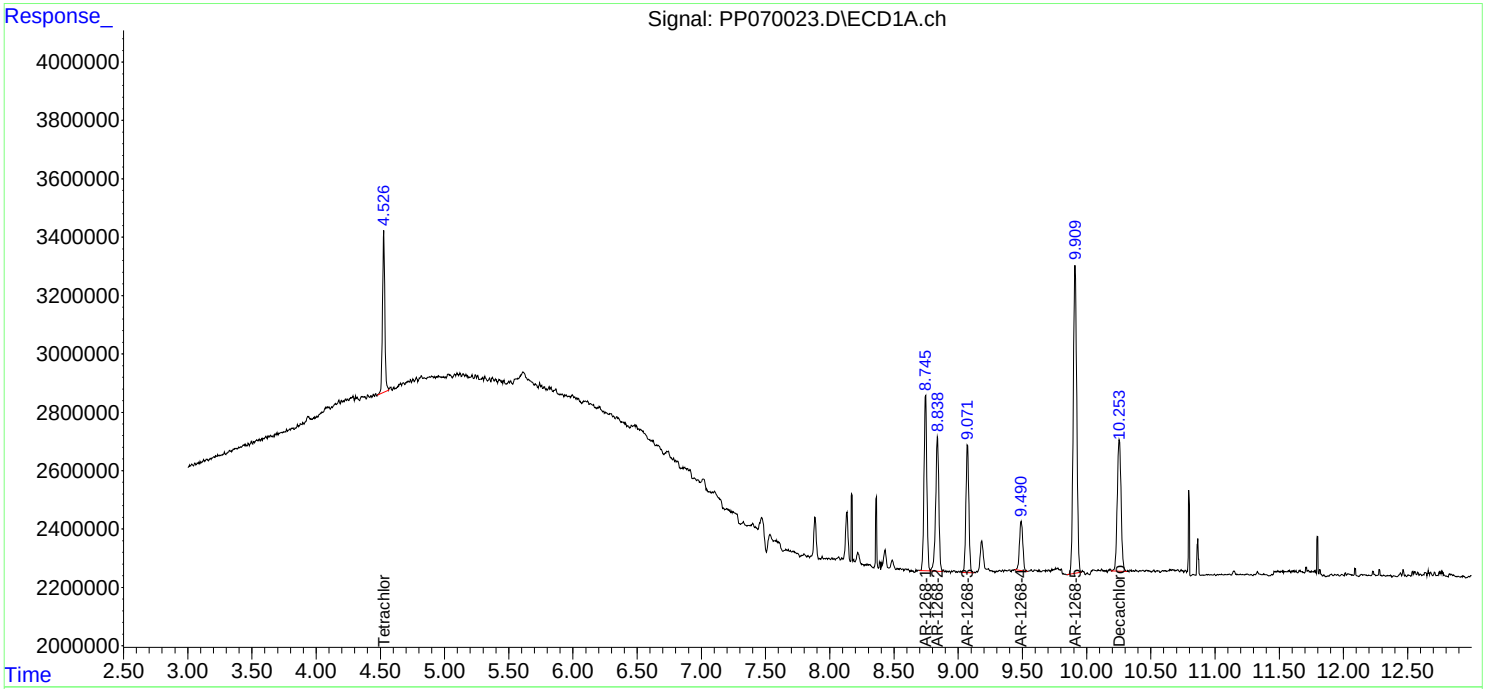
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

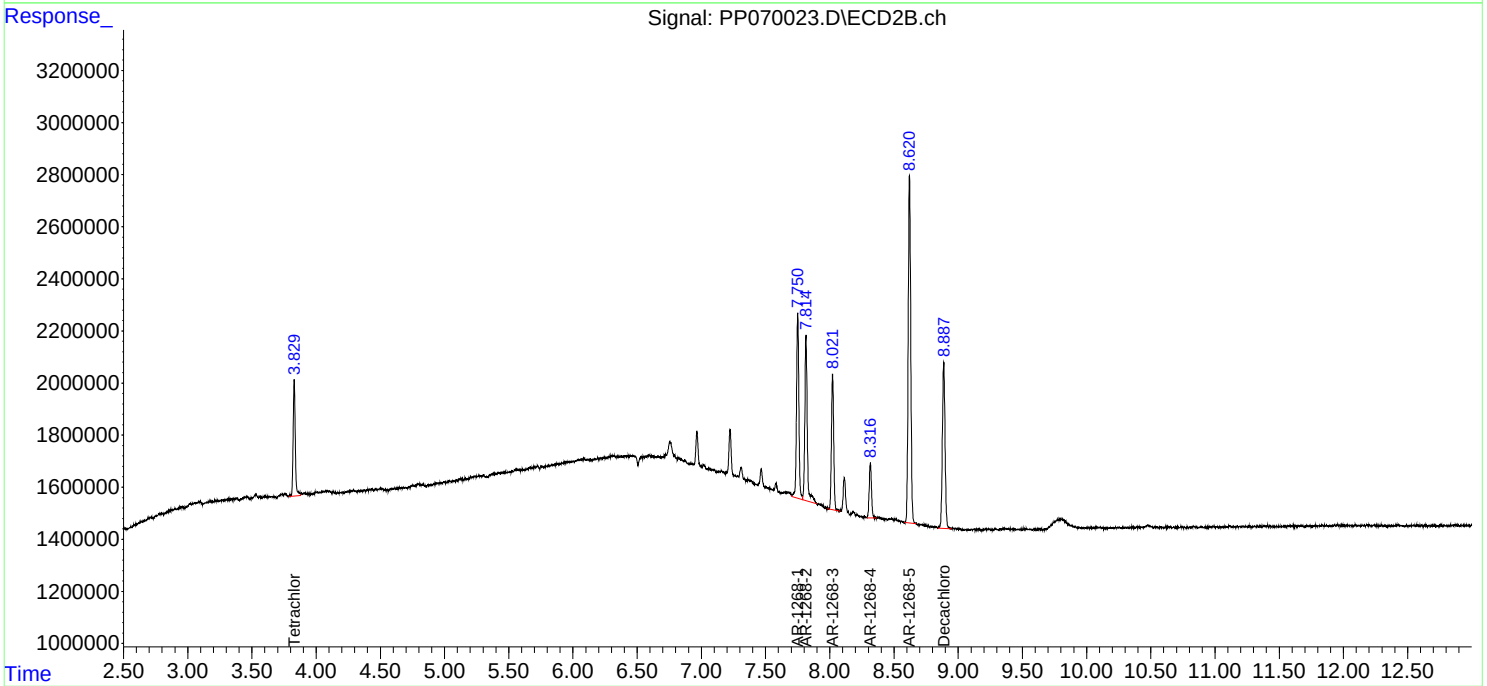
Manual Integrations APPROVED

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

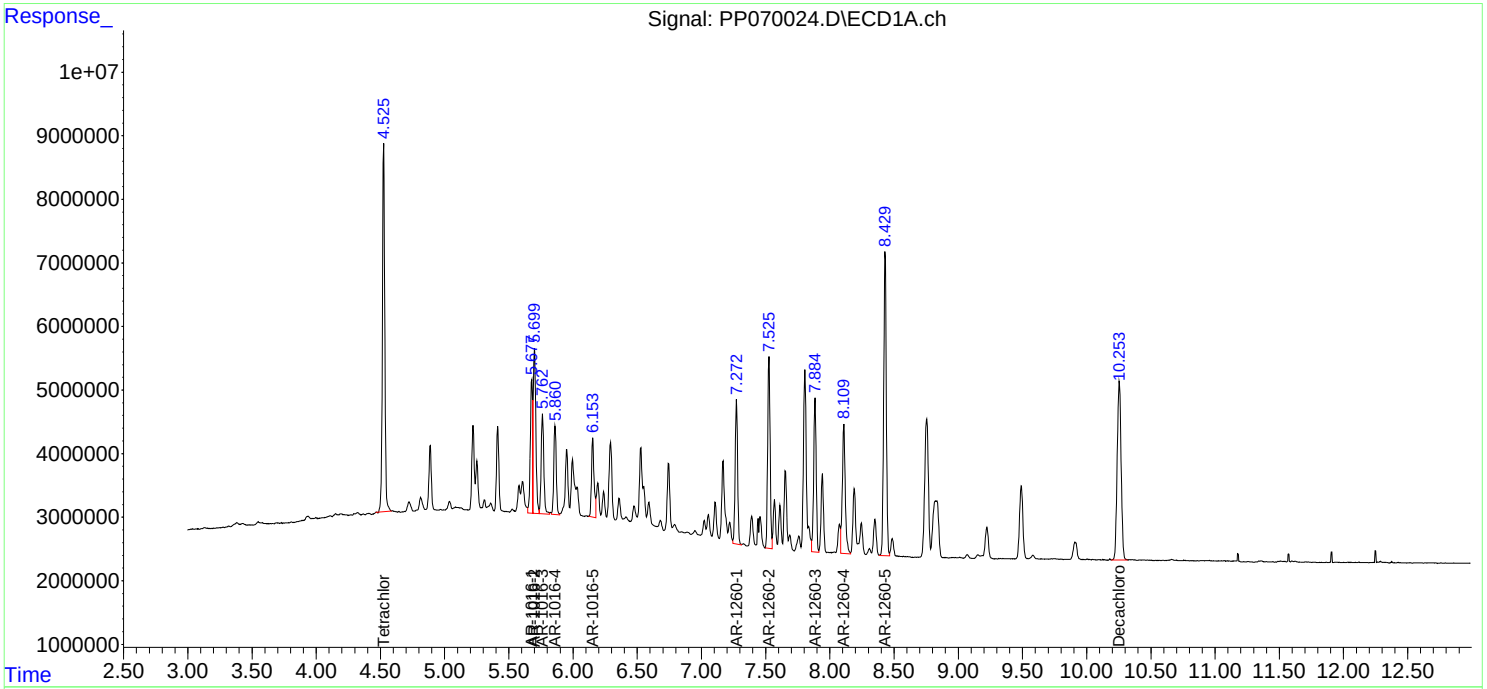
ICAL Form

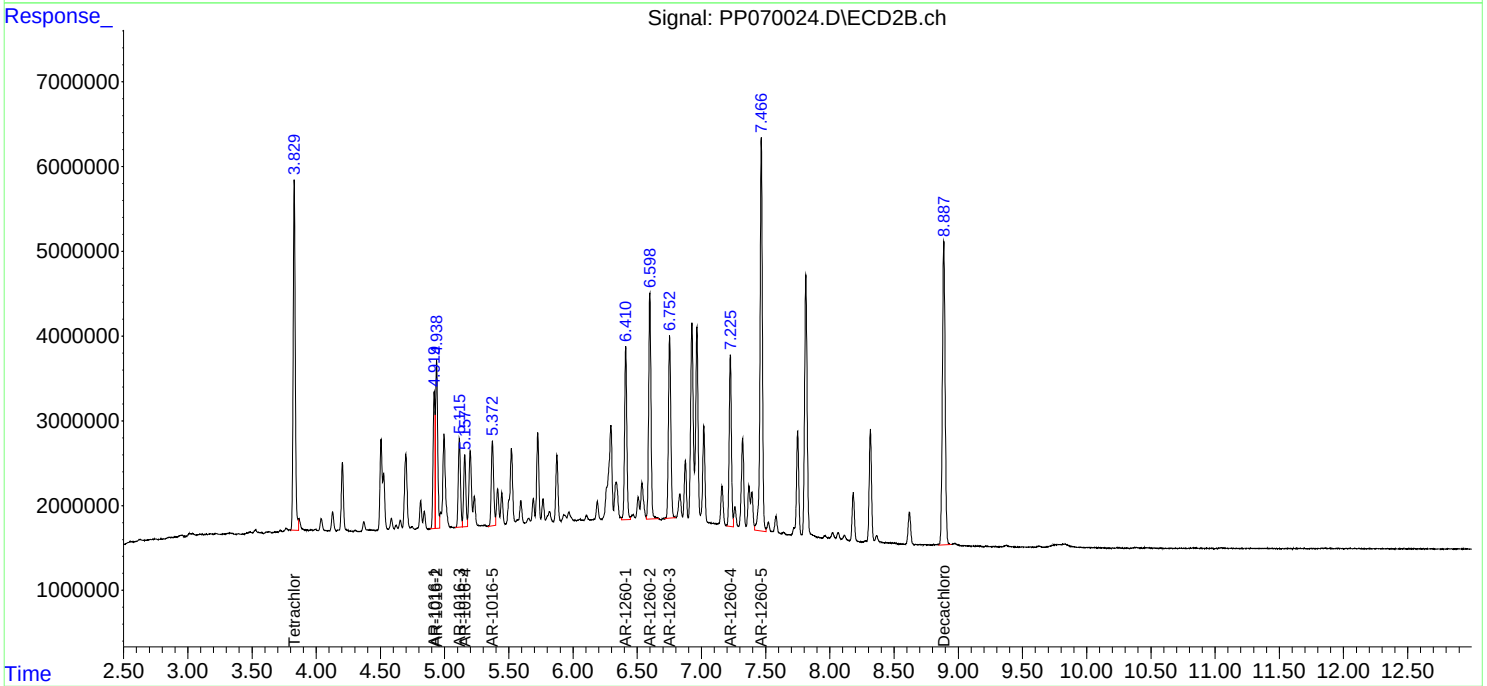
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:34
Operator : YP\AJ
Sample : PP022425ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

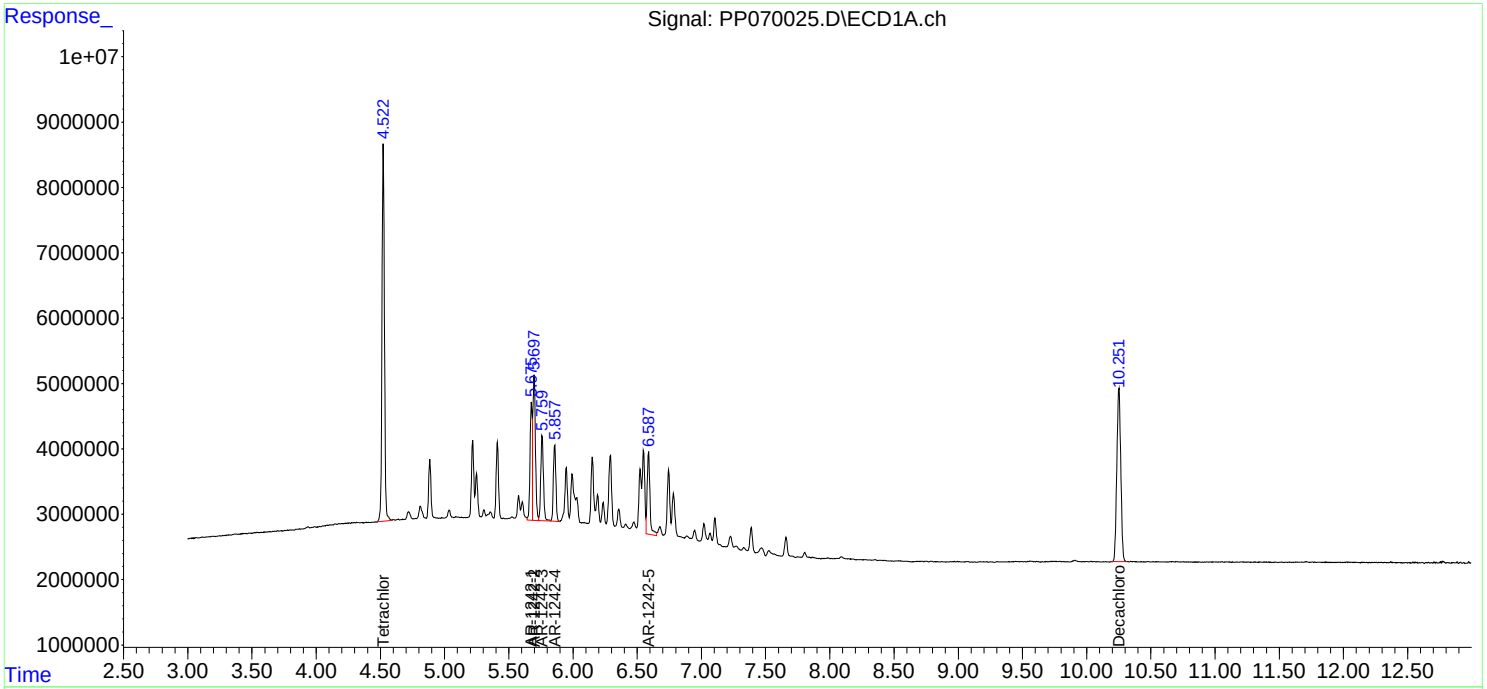
ICAL Form

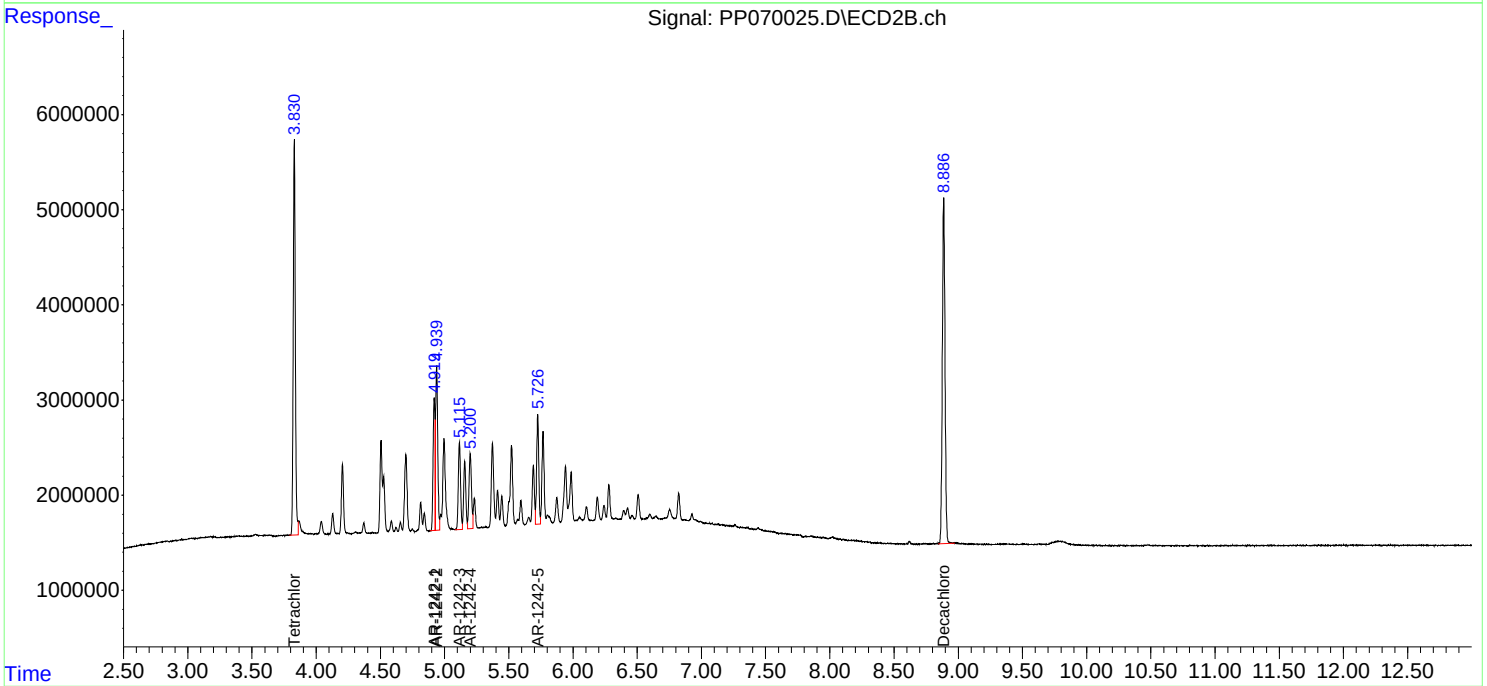
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:50
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

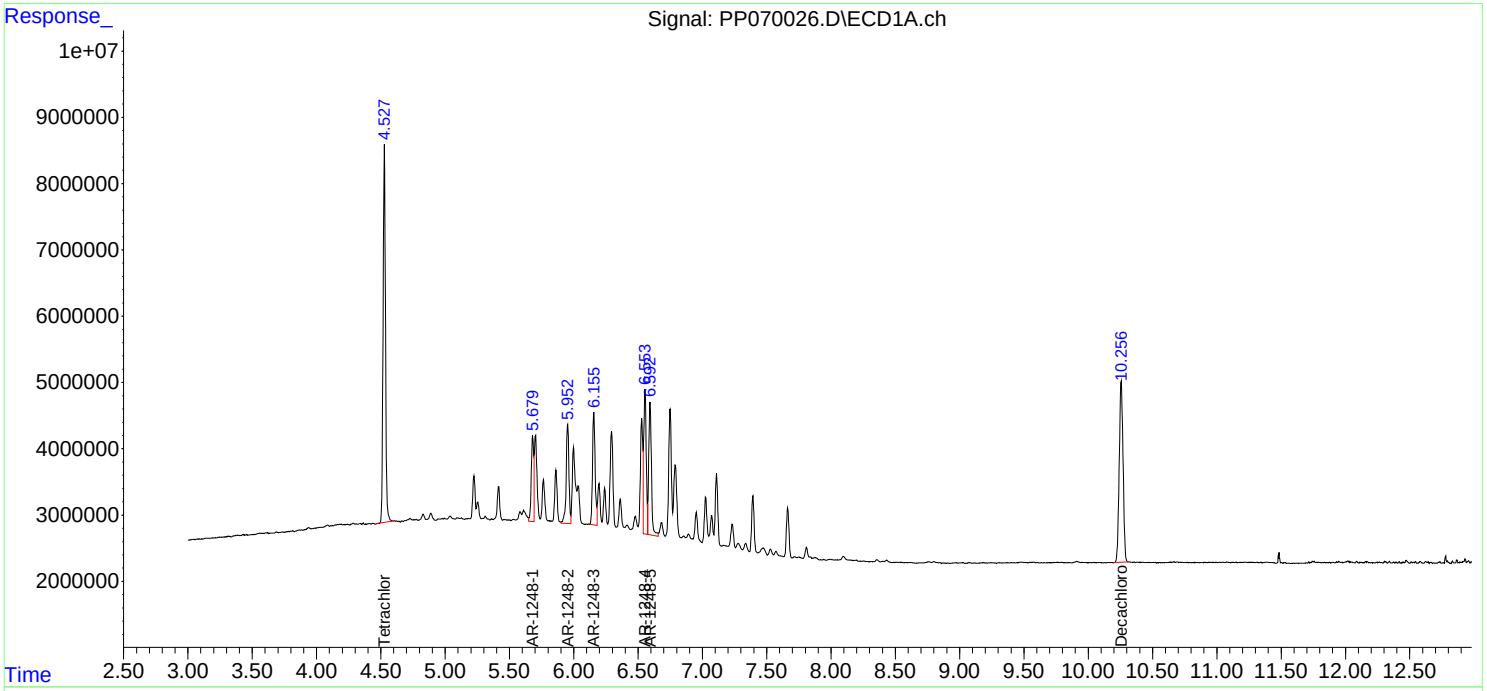
ICAL Form

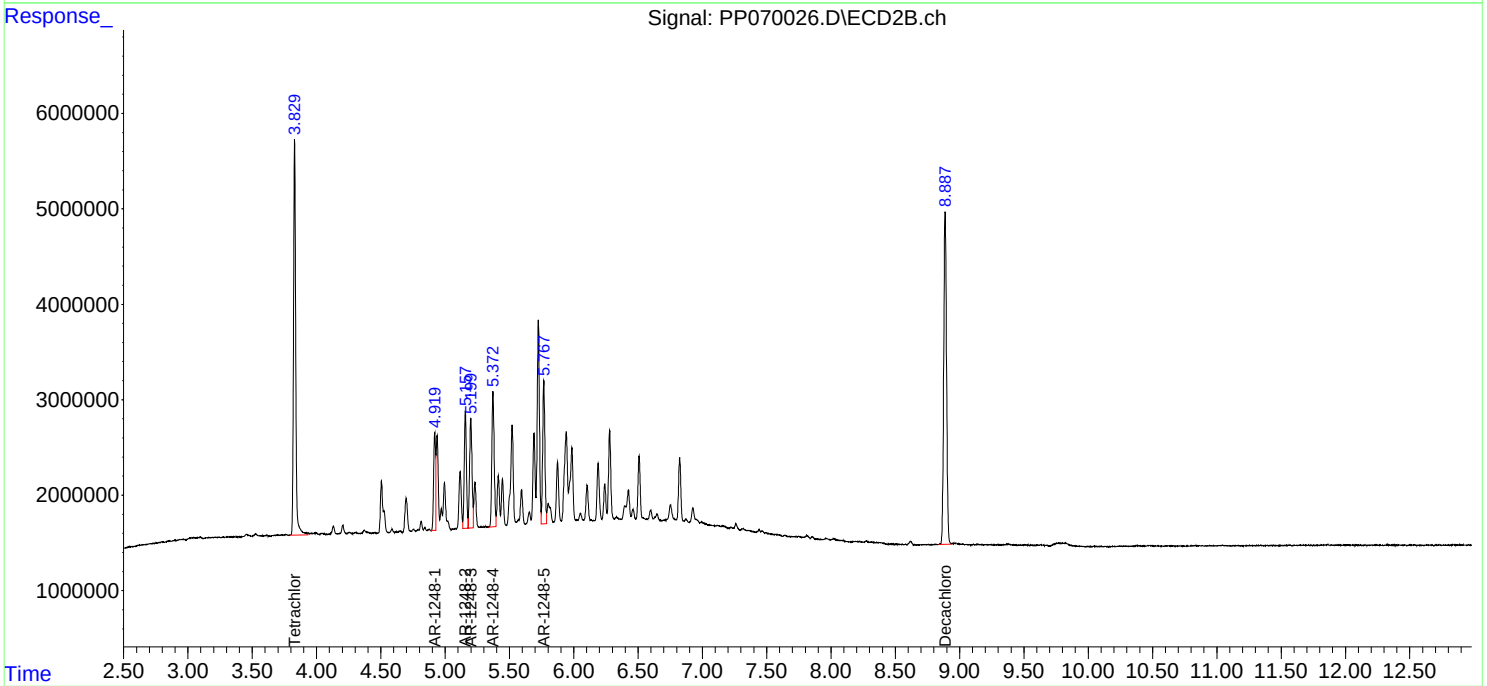
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:06
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

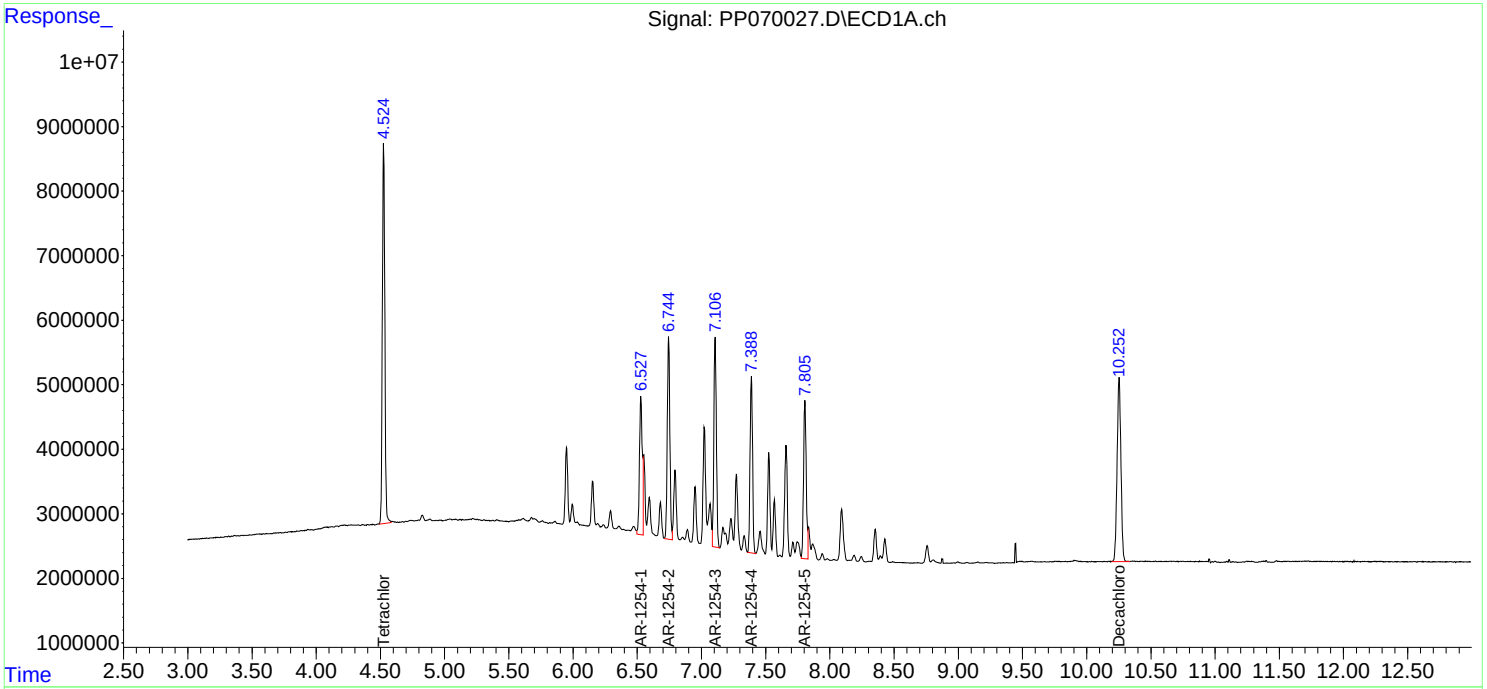
ICAL Form

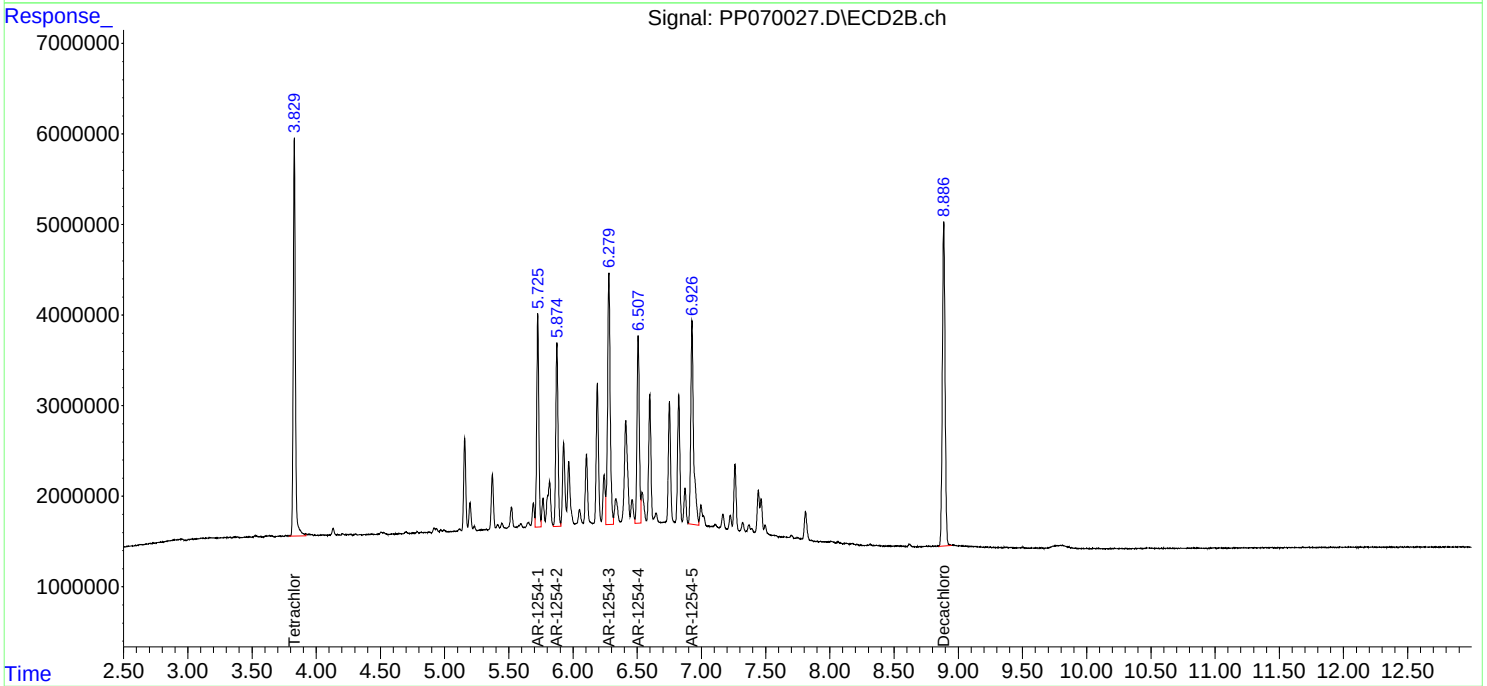
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:22
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

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





Quantitation Report (QT Reviewed)

ICAL Form

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.

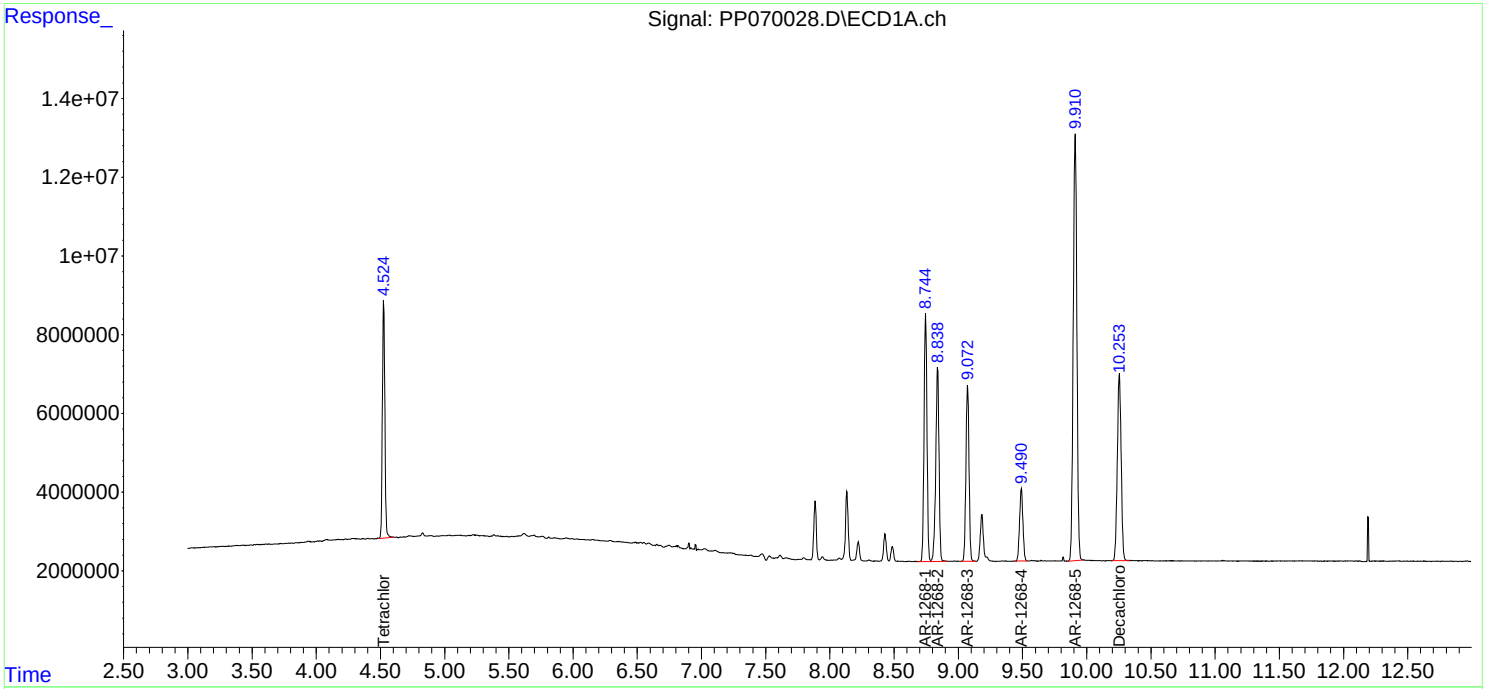
ICAL Form

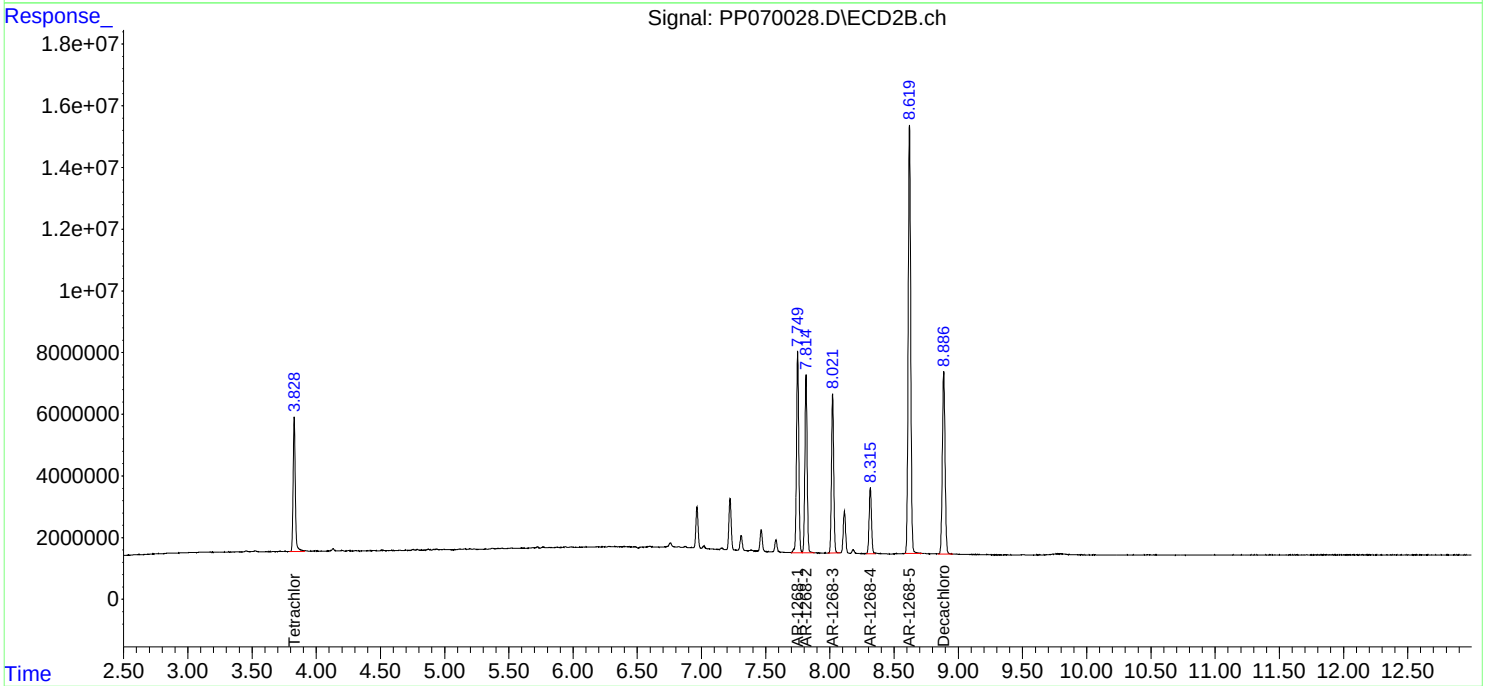
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:38
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

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





Raw Data: **PO109518.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

Continuing Calib Date: 02/27/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 10:32 **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	0.01
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		8.76	8.76	8.66	8.86	0.00

Raw Data: **PO109518.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

Continuing Calib Date: 02/27/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 10:32 **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	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109518.D **Time Analyzed:** 10:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.791	4.691	4.891	493.830	500.000	-1.2
Aroclor-1016-2	4.810	4.711	4.911	495.020	500.000	-1.0
Aroclor-1016-3	4.866	4.767	4.967	496.720	500.000	-0.7
Aroclor-1016-4	4.987	4.888	5.088	495.780	500.000	-0.8
Aroclor-1016-5	5.245	5.145	5.345	482.940	500.000	-3.4
Aroclor-1260-1	6.287	6.188	6.388	479.690	500.000	-4.1
Aroclor-1260-2	6.475	6.377	6.577	482.740	500.000	-3.5
Aroclor-1260-3	6.844	6.746	6.946	484.020	500.000	-3.2
Aroclor-1260-4	7.104	7.005	7.205	487.270	500.000	-2.5
Aroclor-1260-5	7.345	7.247	7.447	493.150	500.000	-1.4
Decachlorobiphenyl	8.755	8.657	8.857	44.730	50.000	-10.5
Tetrachloro-m-xylene	3.696	3.598	3.798	48.740	50.000	-2.5

Raw Data: **PO109518.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109518.D **Time Analyzed:** 10:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.678	4.878	527.740	500.000	5.5
Aroclor-1016-2	4.796	4.697	4.897	528.720	500.000	5.7
Aroclor-1016-3	4.971	4.872	5.072	531.390	500.000	6.3
Aroclor-1016-4	5.013	4.914	5.114	518.370	500.000	3.7
Aroclor-1016-5	5.226	5.127	5.327	512.200	500.000	2.4
Aroclor-1260-1	6.260	6.161	6.361	505.600	500.000	1.1
Aroclor-1260-2	6.447	6.348	6.548	515.360	500.000	3.1
Aroclor-1260-3	6.601	6.502	6.702	512.610	500.000	2.5
Aroclor-1260-4	7.072	6.974	7.174	513.470	500.000	2.7
Aroclor-1260-5	7.313	7.214	7.414	528.450	500.000	5.7
Decachlorobiphenyl	8.705	8.607	8.807	48.990	50.000	-2.0
Tetrachloro-m-xylene	3.693	3.594	3.794	52.130	50.000	4.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 10:32
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 27 15:33:00 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	461.4E6	272.9E6	48.744	52.129
2) SA	Decachlor...	8.755	8.705	384.8E6	156.0E6	44.730	48.990
	Target Compounds						
3) L1	AR-1016-1	4.791	4.776	152.2E6	82417475	493.832	527.740
4) L1	AR-1016-2	4.810	4.796	208.4E6	114.4E6	495.018	528.721
5) L1	AR-1016-3	4.866	4.971	146.9E6	63475767	496.721	531.395
6) L1	AR-1016-4	4.987	5.013	114.9E6	53947057	495.776	518.370
7) L1	AR-1016-5	5.245	5.226	124.7E6	69789659	482.940	512.204
31) L7	AR-1260-1	6.287	6.260	223.6E6	119.8E6	479.691	505.602
32) L7	AR-1260-2	6.475	6.447	272.8E6	141.8E6	482.744	515.361
33) L7	AR-1260-3	6.844	6.601	230.2E6	130.8E6	484.015	512.612
34) L7	AR-1260-4	7.104	7.072	210.3E6	105.9E6	487.267	513.474
35) L7	AR-1260-5	7.345	7.313	490.1E6	236.6E6	493.150	528.448

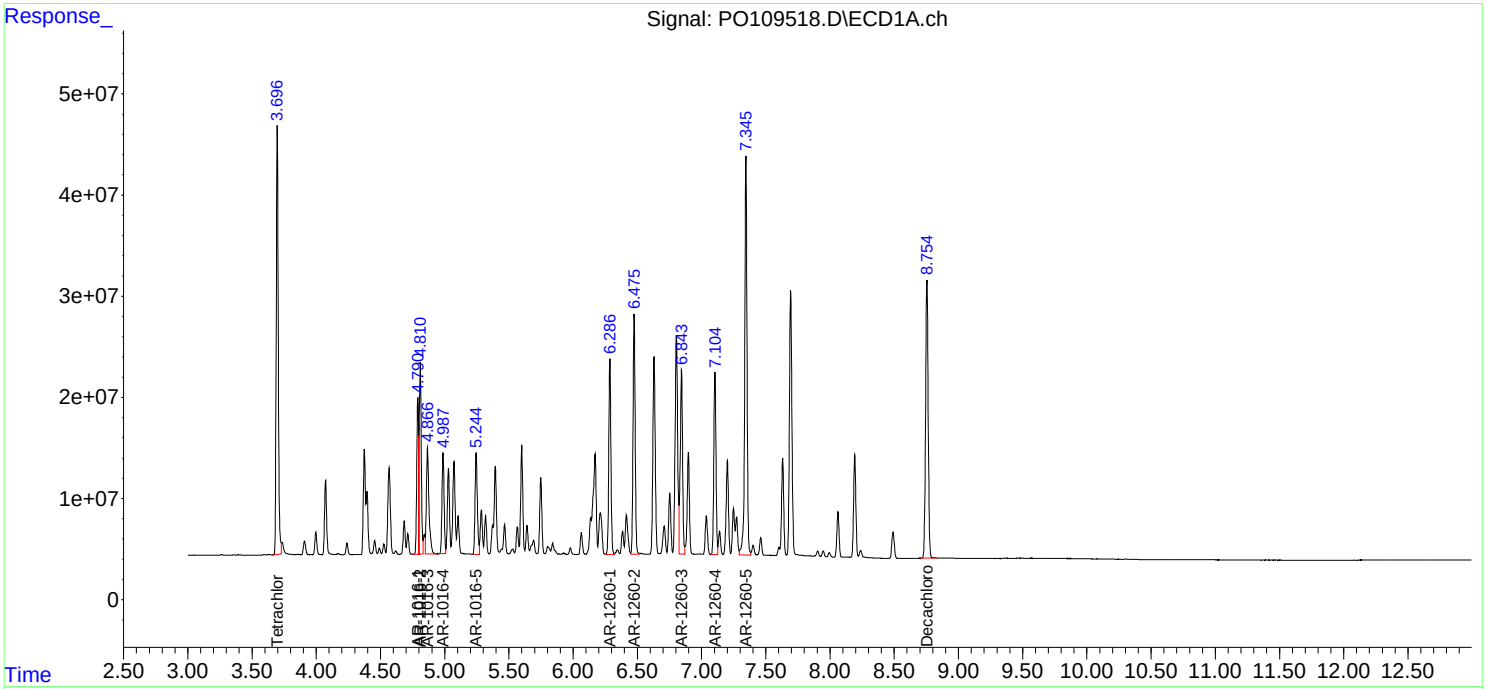
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

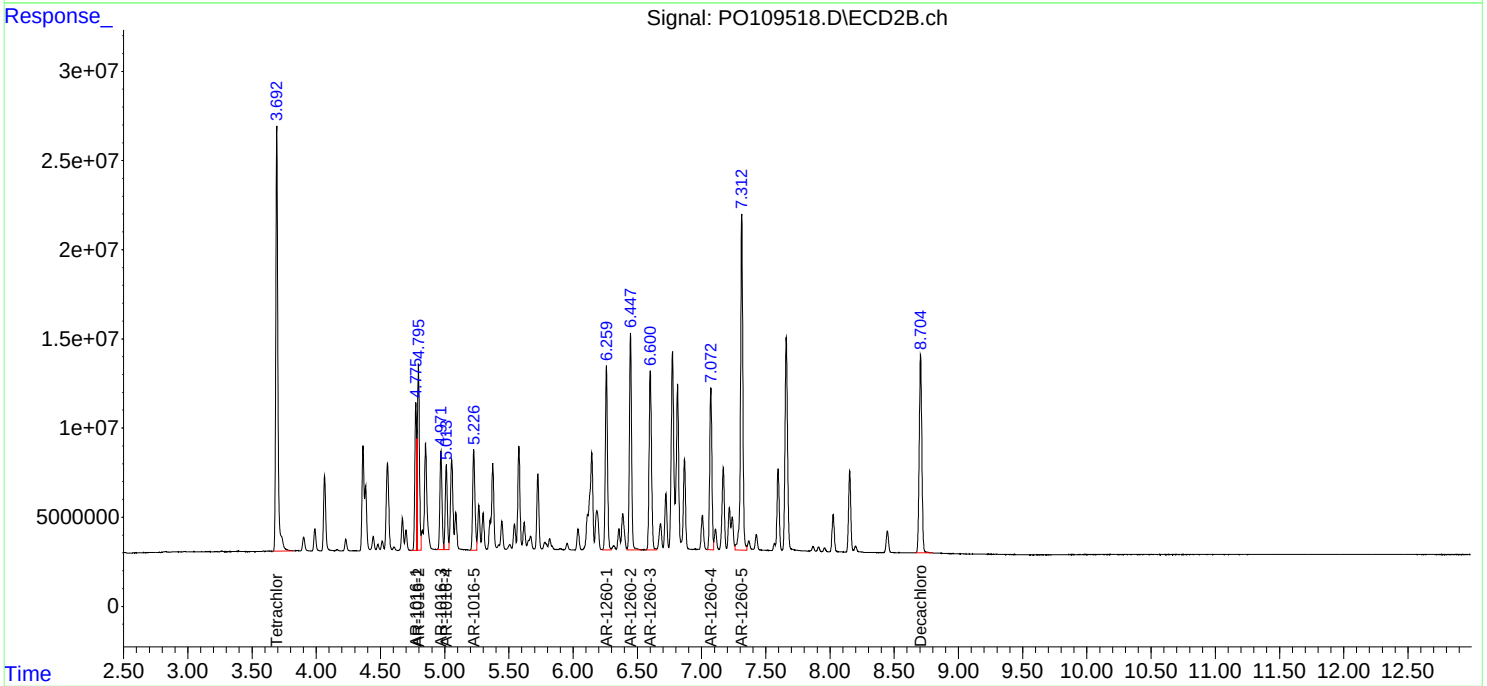
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 10:32
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:33:00 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





Raw Data: **PO109533.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 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

Raw Data: **PO109533.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW 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	-0.01
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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109533.D **Time Analyzed:** 17:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

Raw Data: **PO109533.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109533.D **Time Analyzed:** 17:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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\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 0.50µ Signal #2 Info : 30M x 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

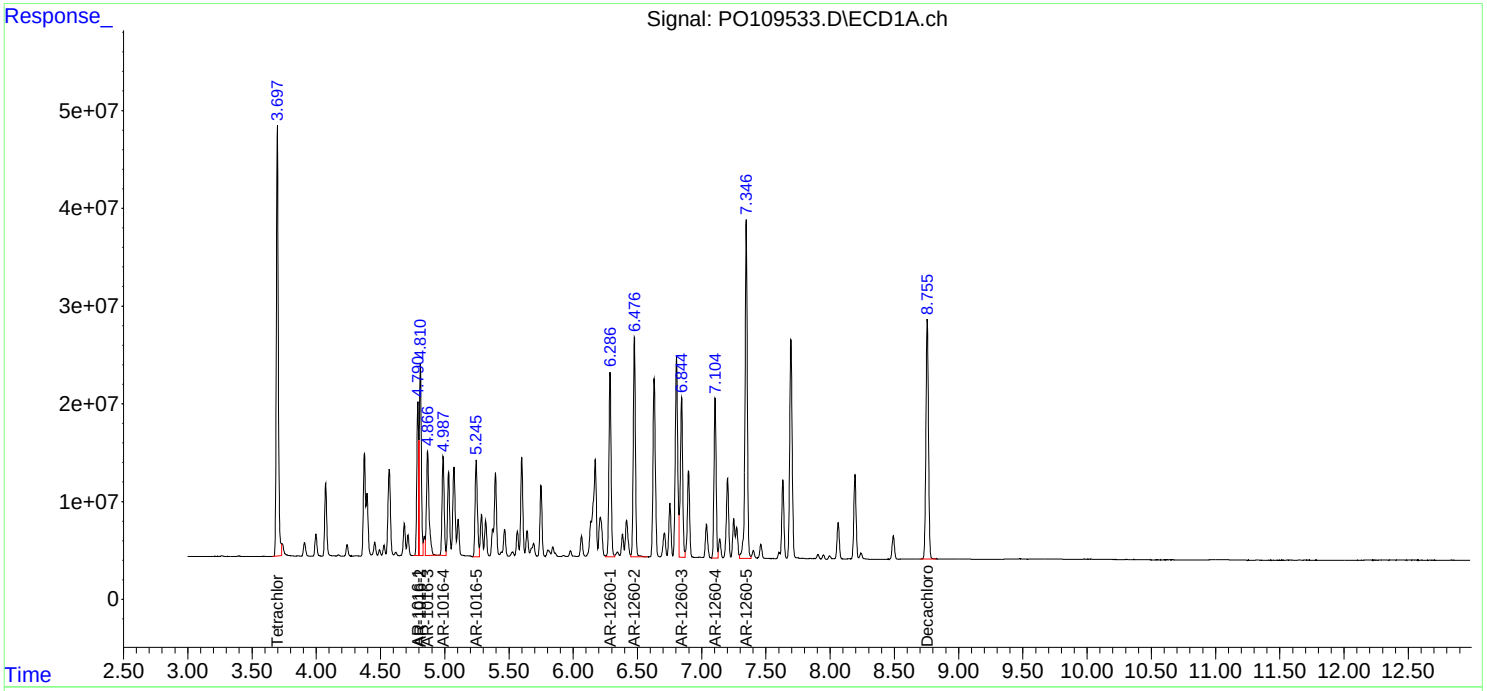
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

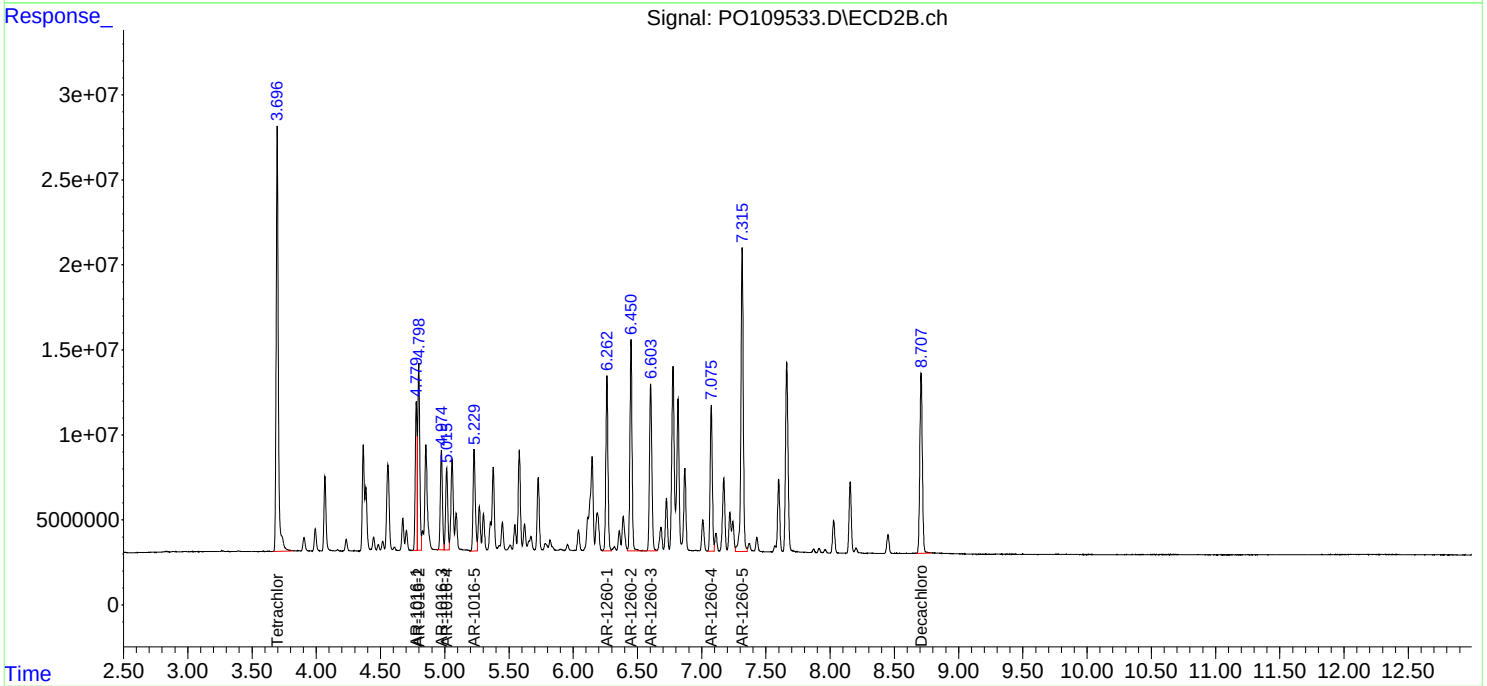
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 17:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PO109548.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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

Raw Data: **PO109548.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW 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)	7.08	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

Raw Data: **PO109548.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109548.D **Time Analyzed:** 00:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Raw Data: **PO109548.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109548.D **Time Analyzed:** 00:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109548.D**

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 0.50µ Signal #2 Info : 30M x 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

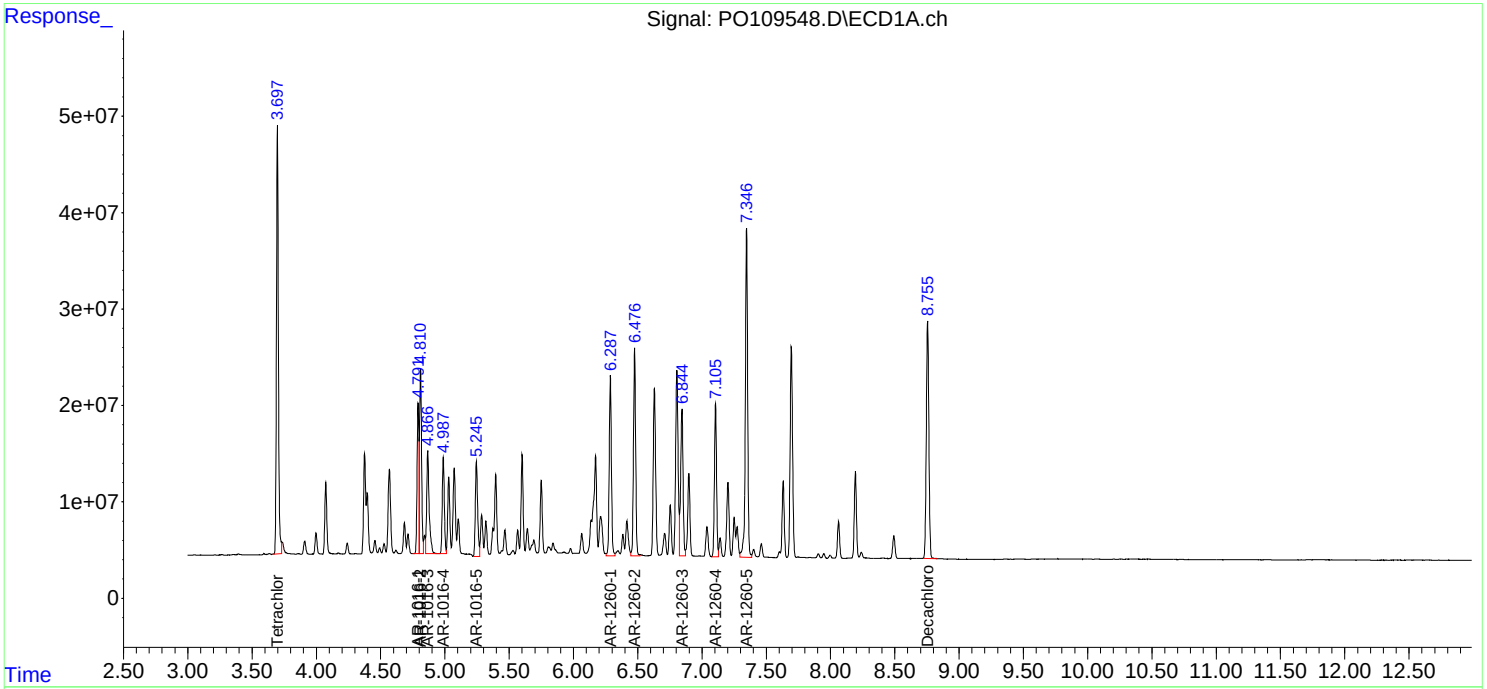
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

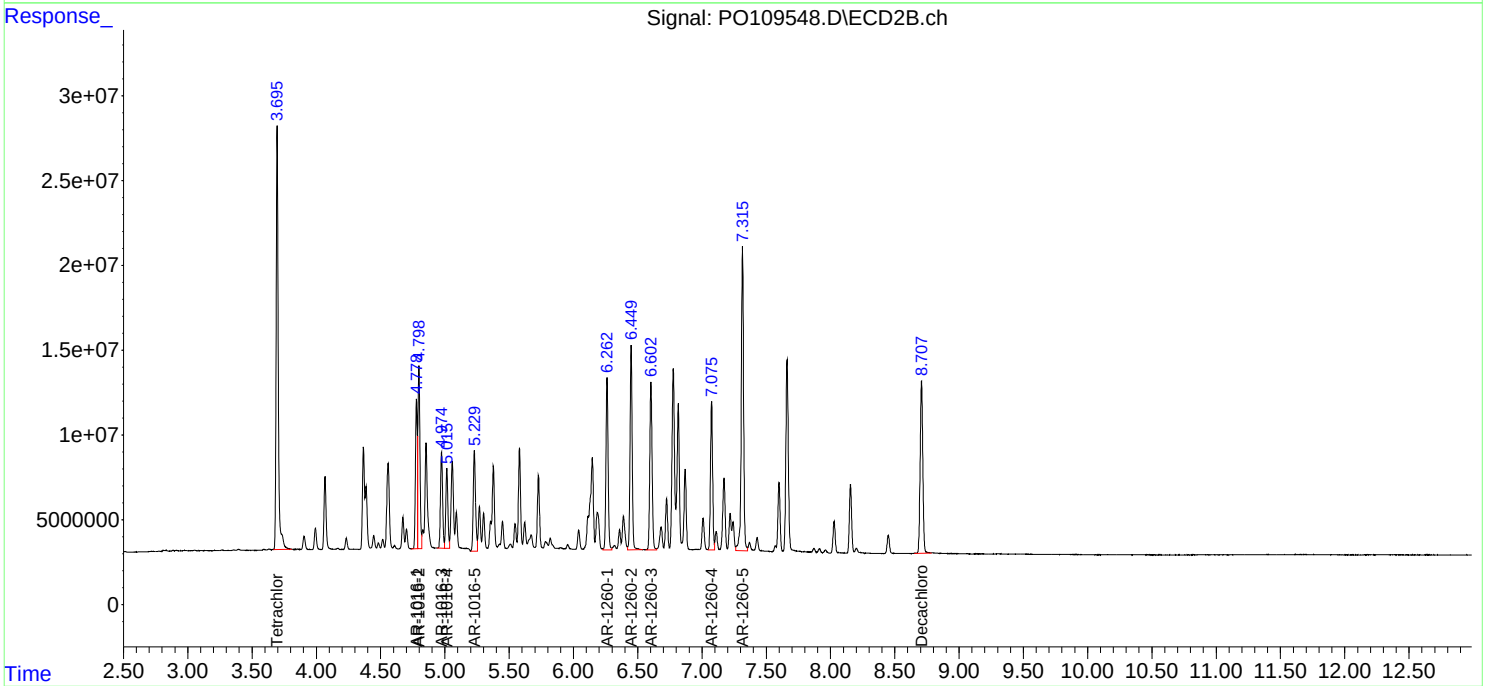
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 00:02
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PO109579.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

Continuing Calib Date: 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 10:57 **Initial Calibration Time(s):** 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW 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	0.00
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	0.00
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

Raw Data: **PO109579.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

Continuing Calib Date: 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 10:57 **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

Alliance TECHNICAL GROUP

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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.: AR1660CCC500 **Data File :** PO109579.D **Time Analyzed:** 10:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.792	4.691	4.891	505.520	500.000	1.1
Aroclor-1016-2	4.811	4.711	4.911	510.010	500.000	2.0
Aroclor-1016-3	4.867	4.767	4.967	505.900	500.000	1.2
Aroclor-1016-4	4.989	4.888	5.088	509.050	500.000	1.8
Aroclor-1016-5	5.246	5.145	5.345	489.670	500.000	-2.1
Aroclor-1260-1	6.288	6.188	6.388	476.600	500.000	-4.7
Aroclor-1260-2	6.476	6.377	6.577	468.270	500.000	-6.3
Aroclor-1260-3	6.846	6.746	6.946	451.200	500.000	-9.8
Aroclor-1260-4	7.105	7.005	7.205	450.390	500.000	-9.9
Aroclor-1260-5	7.347	7.247	7.447	455.830	500.000	-8.8
Decachlorobiphenyl	8.757	8.657	8.857	41.780	50.000	-16.4
Tetrachloro-m-xylene	3.698	3.598	3.798	49.920	50.000	-0.2

Raw Data: **PO109579.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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.: AR1660CCC500 **Data File :** PO109579.D **Time Analyzed:** 10:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.778	4.678	4.878	543.570	500.000	8.7
Aroclor-1016-2	4.797	4.697	4.897	551.220	500.000	10.2
Aroclor-1016-3	4.972	4.872	5.072	548.270	500.000	9.7
Aroclor-1016-4	5.014	4.914	5.114	526.960	500.000	5.4
Aroclor-1016-5	5.228	5.127	5.327	522.400	500.000	4.5
Aroclor-1260-1	6.261	6.161	6.361	513.020	500.000	2.6
Aroclor-1260-2	6.448	6.348	6.548	519.260	500.000	3.9
Aroclor-1260-3	6.601	6.502	6.702	513.170	500.000	2.6
Aroclor-1260-4	7.074	6.974	7.174	505.050	500.000	1.0
Aroclor-1260-5	7.314	7.214	7.414	519.320	500.000	3.9
Decachlorobiphenyl	8.707	8.607	8.807	46.110	50.000	-7.8
Tetrachloro-m-xylene	3.694	3.594	3.794	53.530	50.000	7.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 10:57
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 14:10:36 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.698	3.694	472.5E6	280.2E6	49.919	53.528
2) SA	Decachlor...	8.757	8.707	359.4E6	146.8E6	41.780	46.113
	Target Compounds						
3) L1	AR-1016-1	4.792	4.778	155.8E6	84889341	505.524	543.568
4) L1	AR-1016-2	4.811	4.797	214.7E6	119.3E6	510.006	551.222
5) L1	AR-1016-3	4.867	4.972	149.7E6	65491123	505.904	548.267
6) L1	AR-1016-4	4.989	5.014	118.0E6	54841185	509.050	526.962
7) L1	AR-1016-5	5.246	5.228	126.4E6	71178980	489.668	522.401
31) L7	AR-1260-1	6.288	6.261	222.2E6	121.5E6	476.600	513.017
32) L7	AR-1260-2	6.476	6.448	264.6E6	142.9E6	468.274	519.260
33) L7	AR-1260-3	6.846	6.601	214.6E6	130.9E6	451.196	513.171
34) L7	AR-1260-4	7.105	7.074	194.4E6	104.1E6	450.390	505.048
35) L7	AR-1260-5	7.347	7.314	453.0E6	232.5E6	455.831	519.320

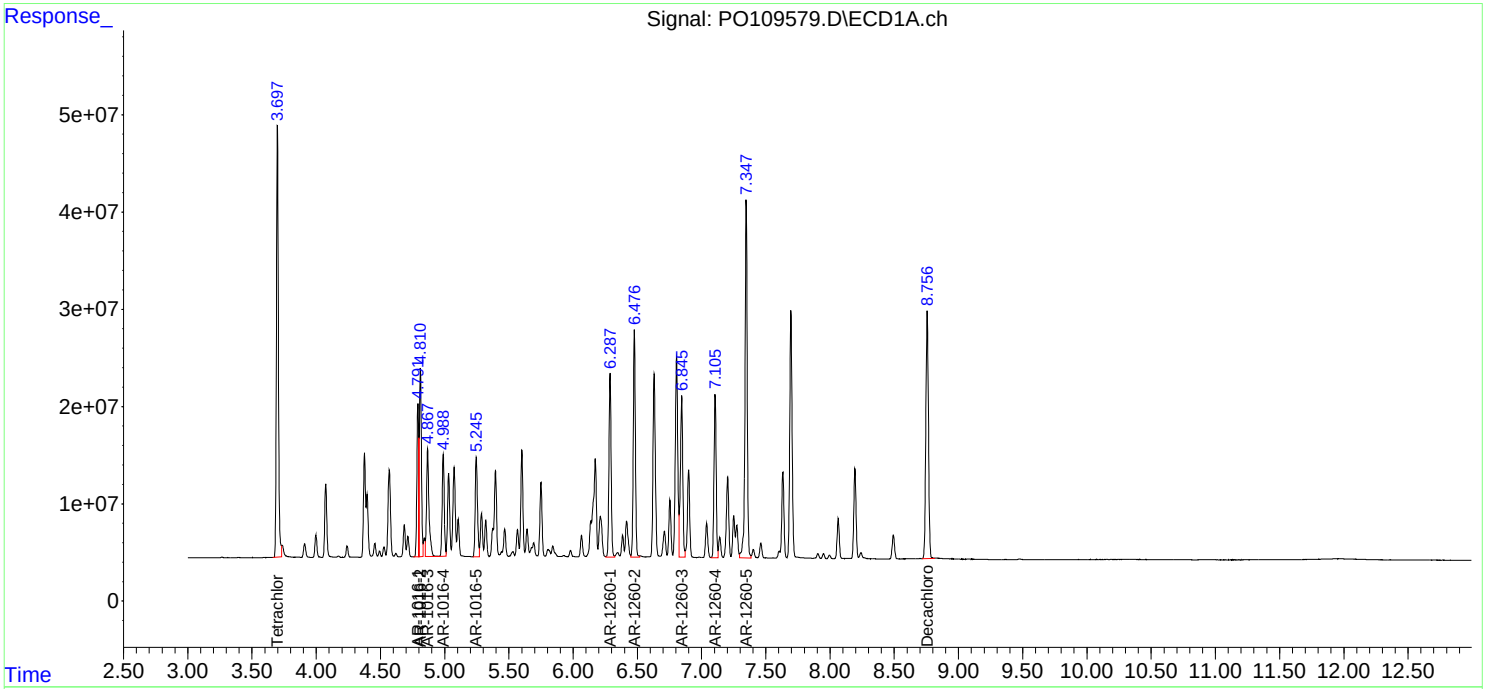
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

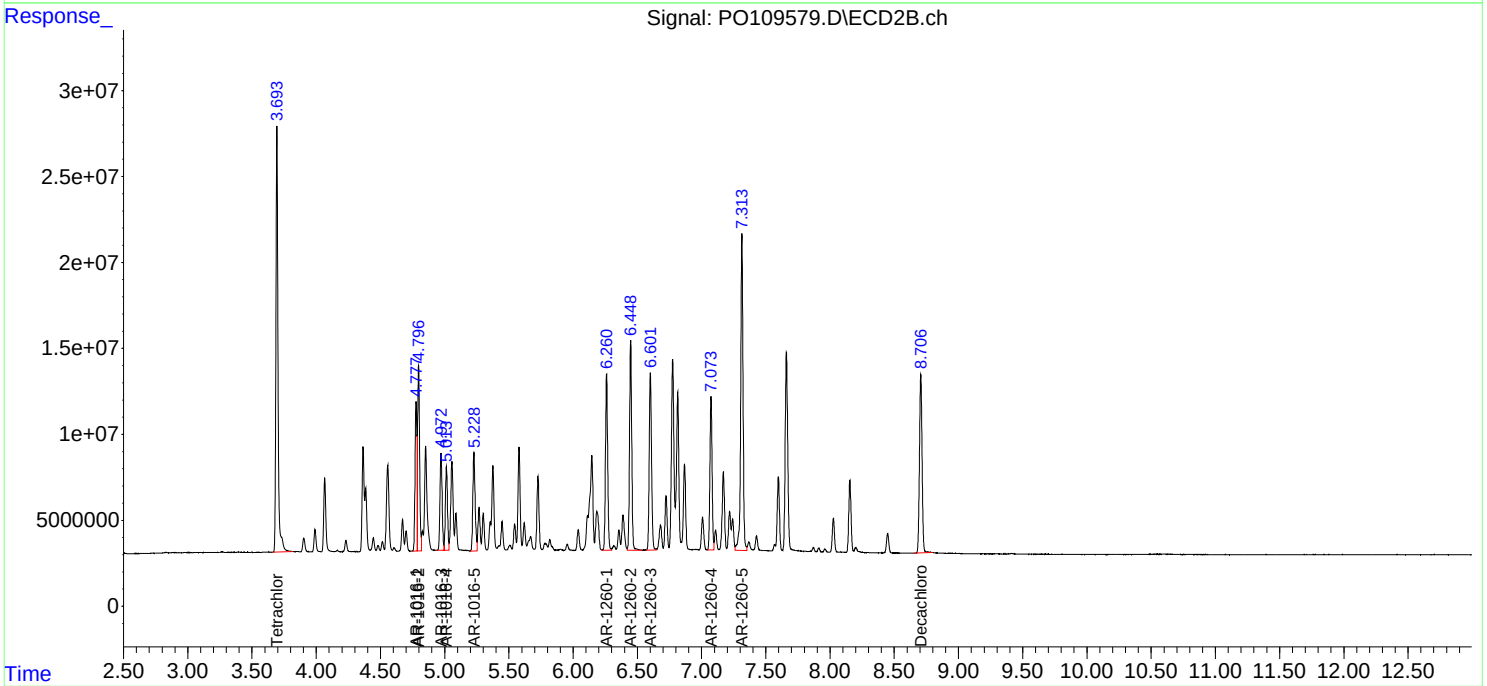
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 10:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:10:36 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





Raw Data: **PO109600.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW 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	0.01
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

Raw Data: **PO109600.D**

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW 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		3.70	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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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	RT WINDOW 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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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	RT WINDOW 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\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 0.50µ Signal #2 Info : 30M x 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

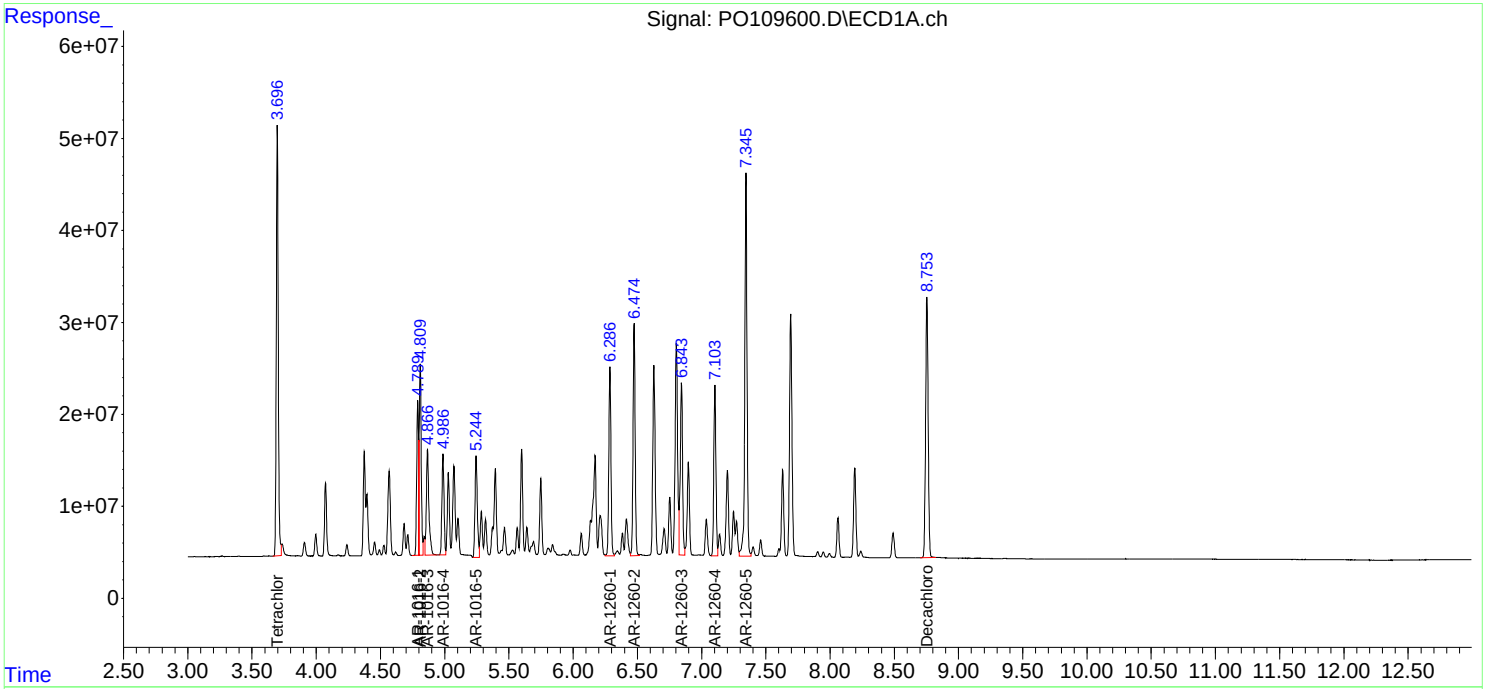
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

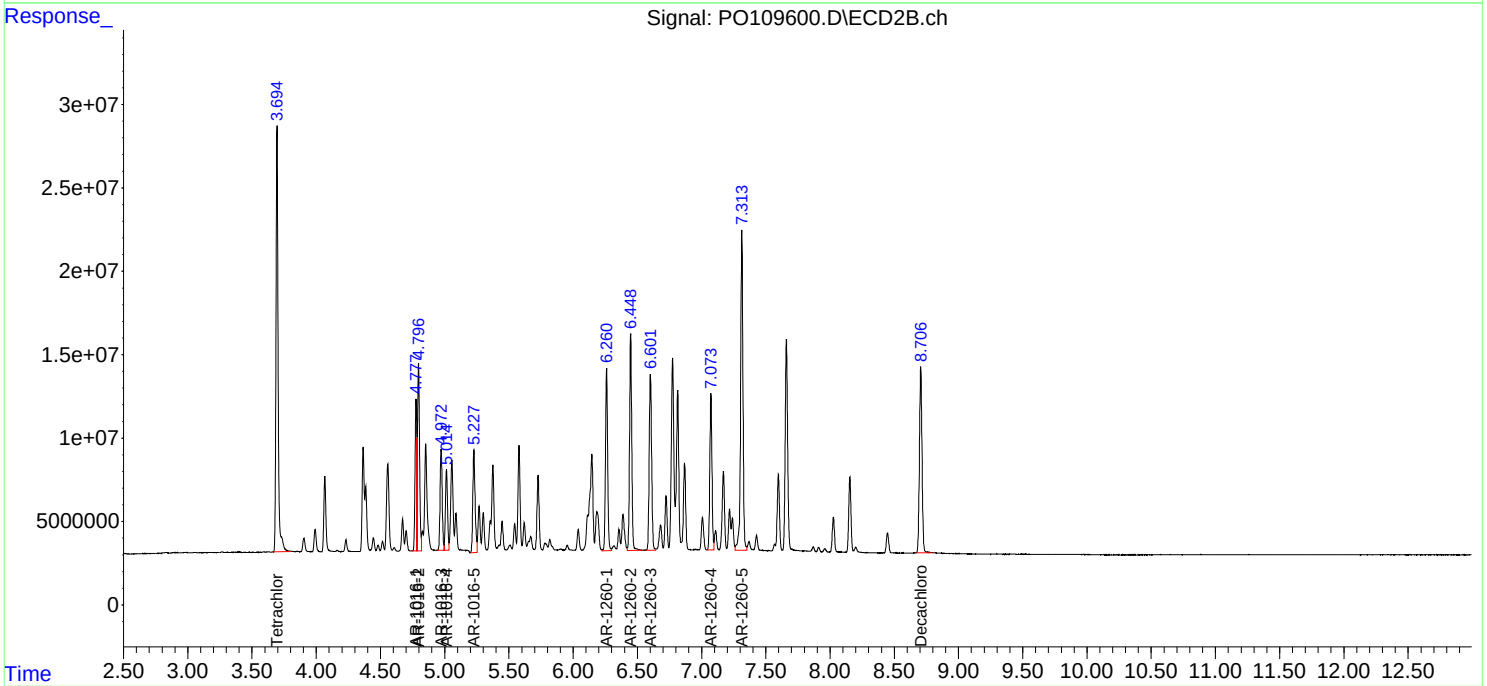
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 18:46
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PO109662.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 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

Raw Data: **PO109662.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL06 **Date Analyzed:** 03/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109662.D **Time Analyzed:** 16:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

Raw Data: **PO109662.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL06 **Date Analyzed:** 03/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109662.D **Time Analyzed:** 16:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

Sample Results: **PO109662.D**

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

	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

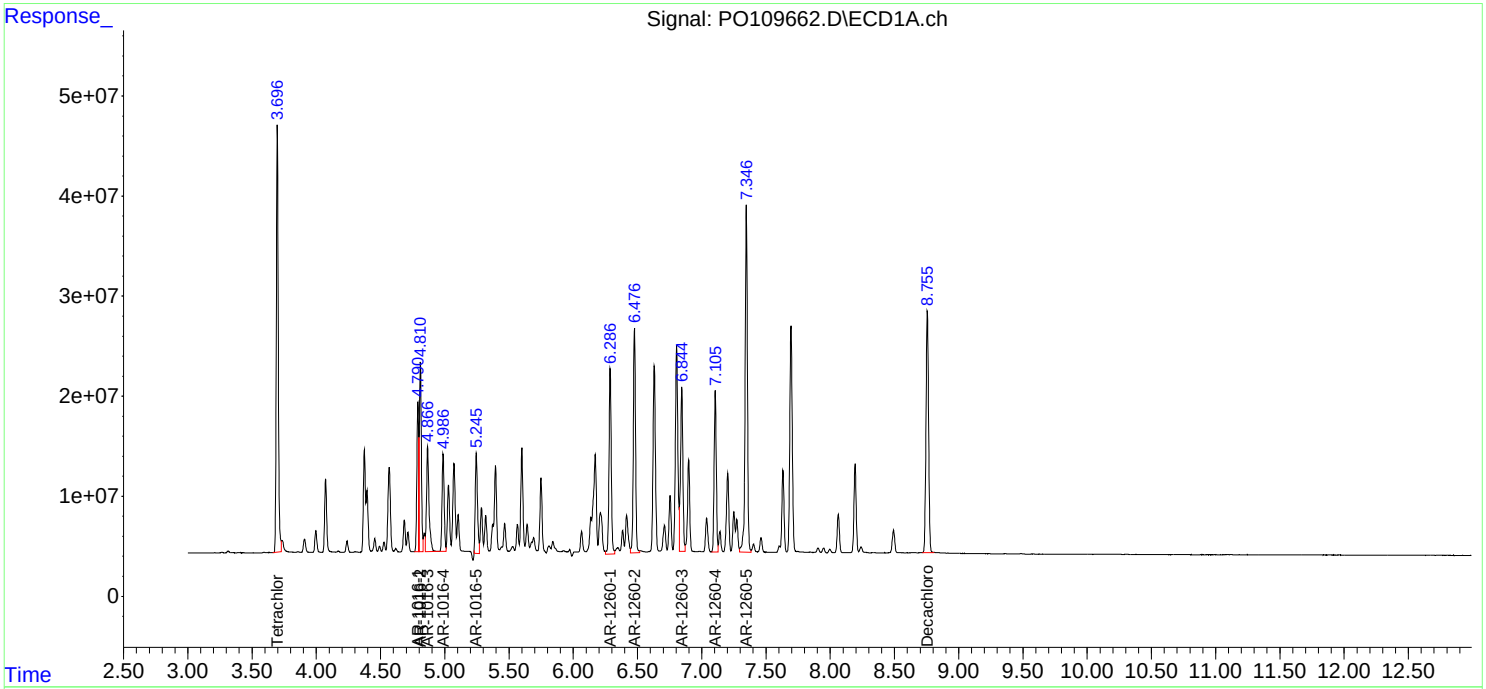
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

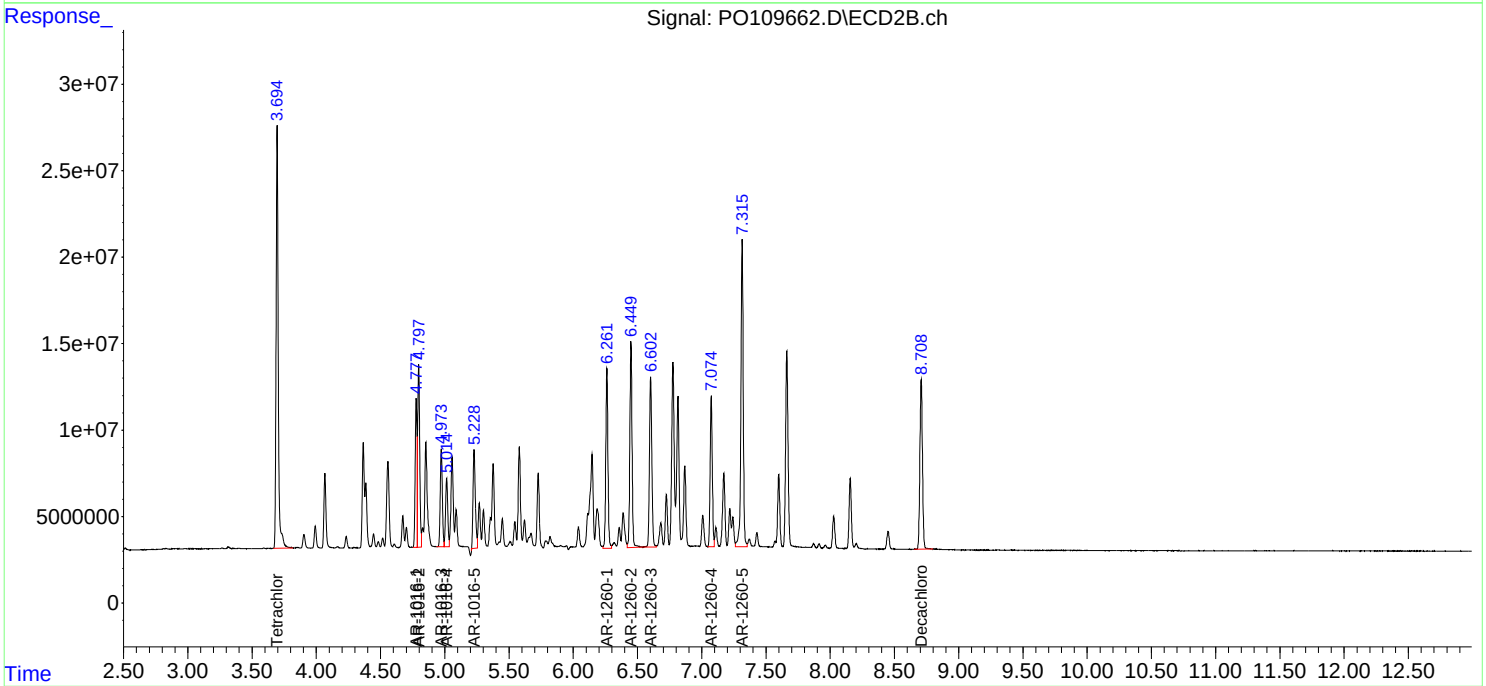
Manual Integrations APPROVED

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





Raw Data: **PO109677.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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	RT WINDOW 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

Raw Data: **PO109677.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 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

Alliance TECHNICAL GROUP

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109677.D **Time Analyzed:** 22:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Raw Data: **PO109677.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109677.D **Time Analyzed:** 22:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Sample Results: **PO109677.D**

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

	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

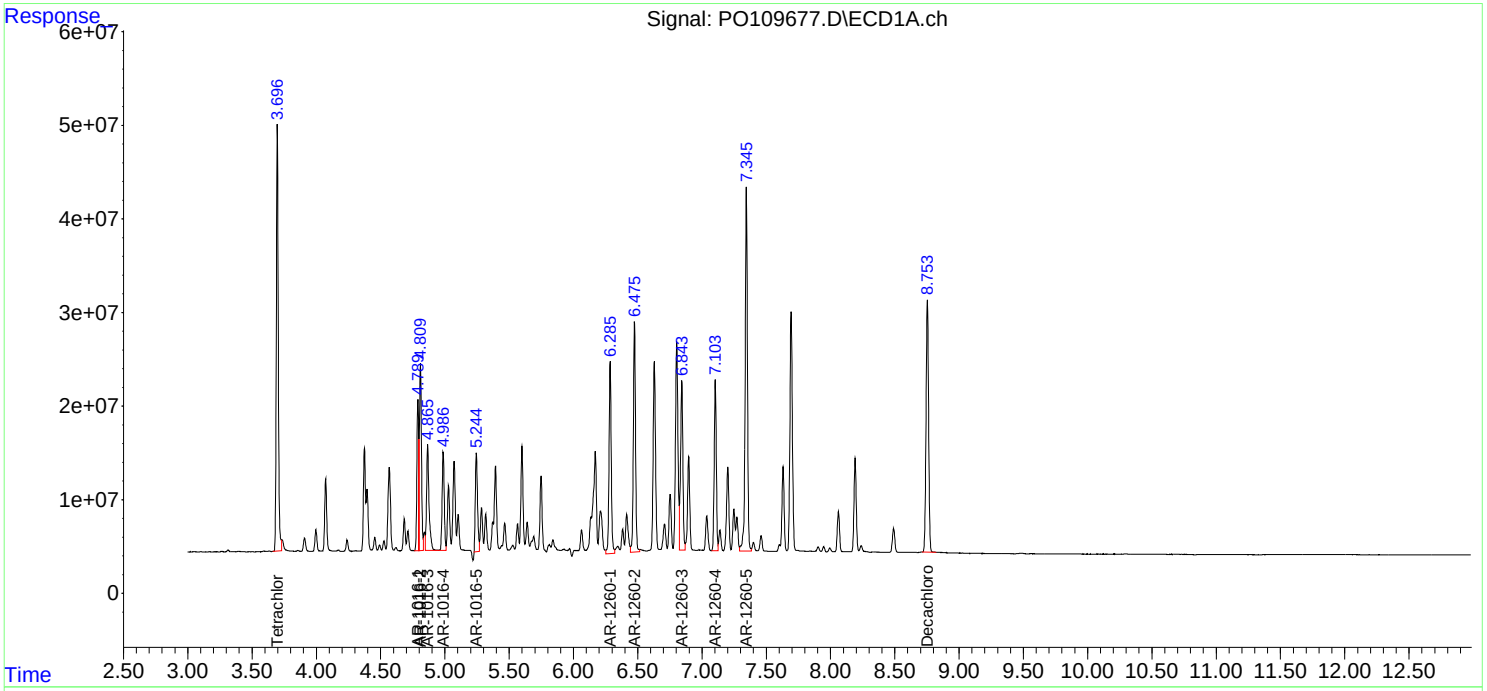
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

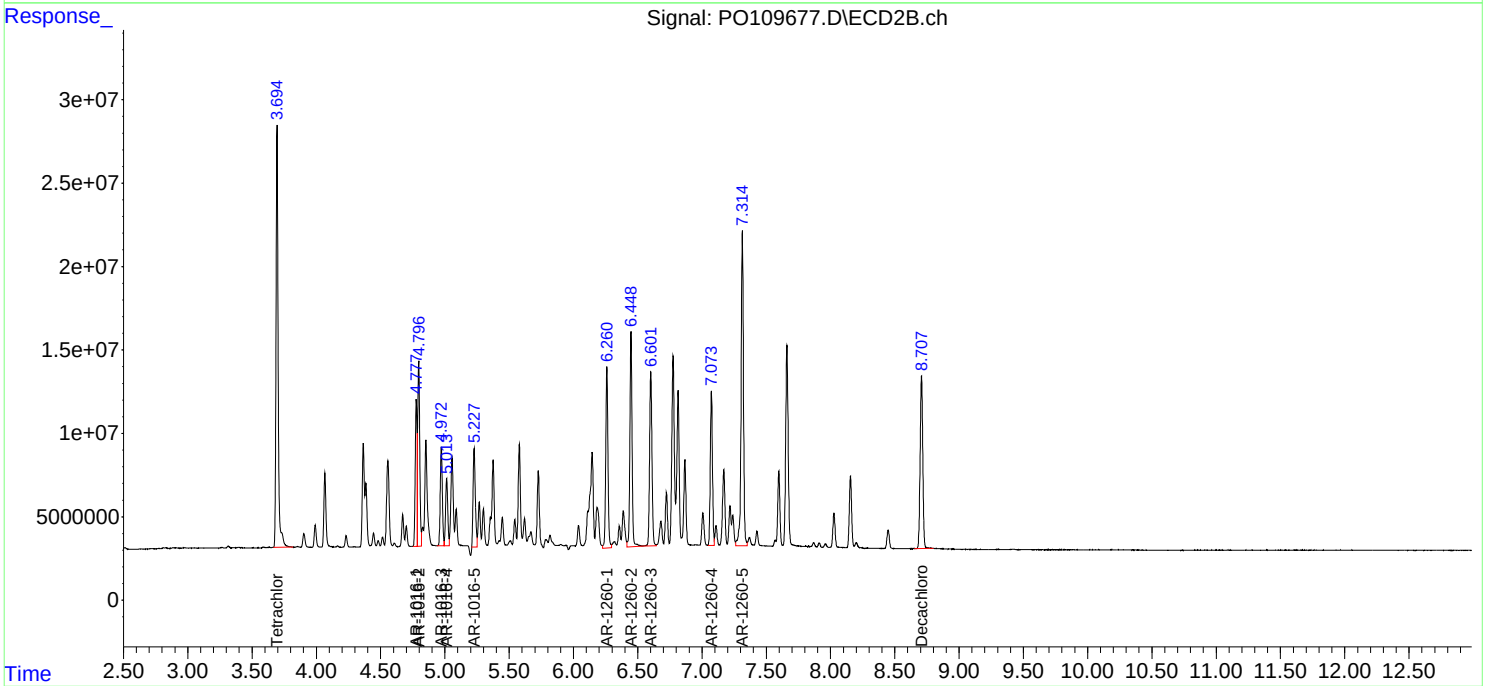
Manual Integrations APPROVED

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





Raw Data: **PO109692.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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	RT WINDOW 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

Raw Data: **PO109692.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW 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		3.70	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00

Raw Data: **PO109692.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL08 **Date Analyzed:** 03/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109692.D **Time Analyzed:** 04:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Raw Data: **PO109692.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL08 **Date Analyzed:** 03/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109692.D **Time Analyzed:** 04:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

Quantitation Report (QT Reviewed)

Sample Results: **PO109692.D**

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 0.50µ Signal #2 Info : 30M x 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

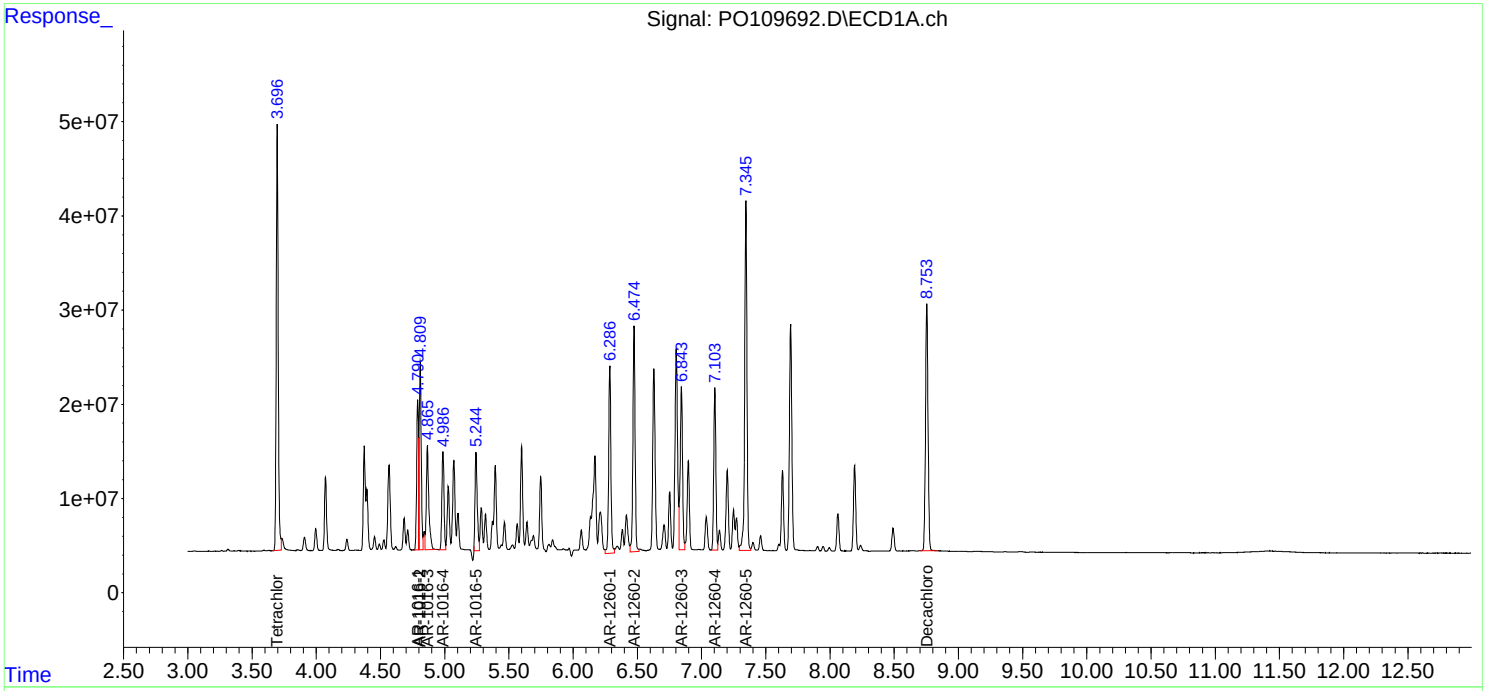
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

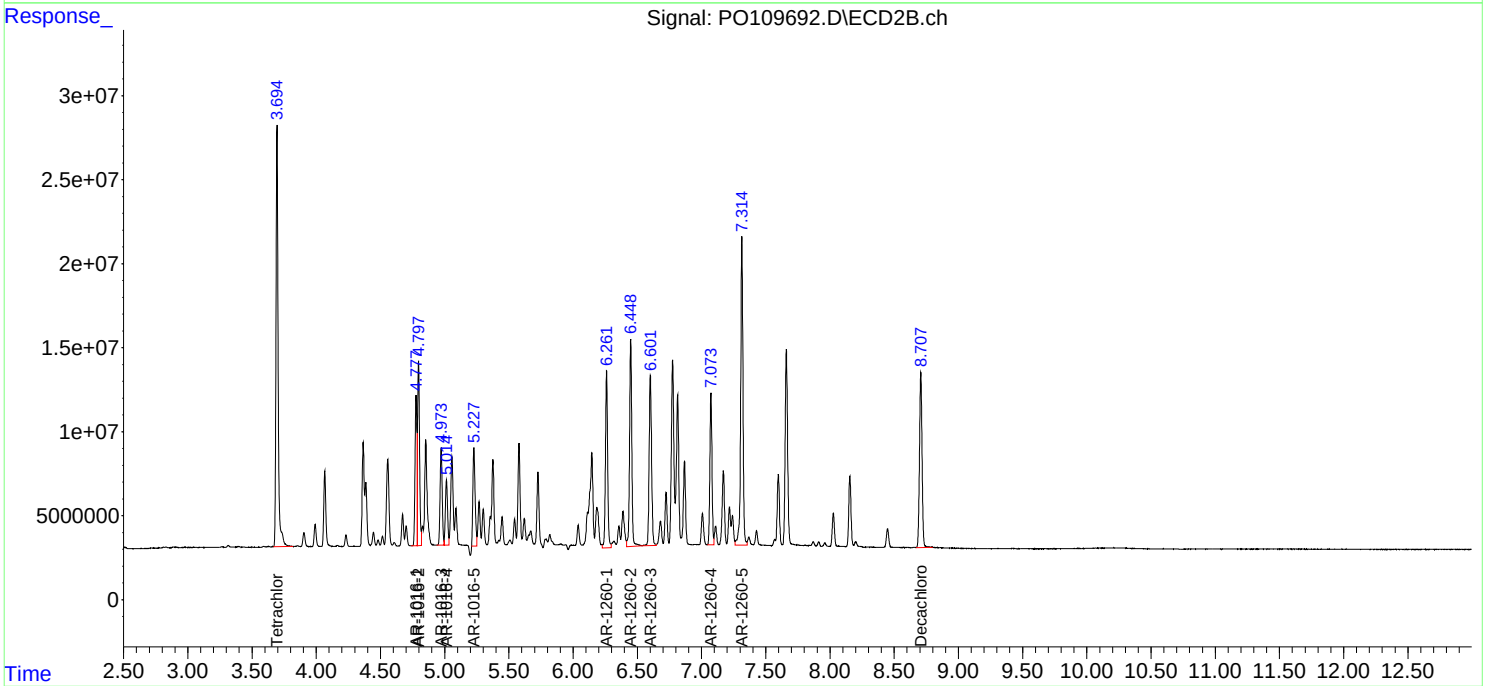
Manual Integrations APPROVED

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PO109698.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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	RT WINDOW 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

Raw Data: **PO109698.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW 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	0.01
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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109698.D **Time Analyzed:** 08:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109698.D **Time Analyzed:** 08:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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\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 0.50µ Signal #2 Info : 30M x 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

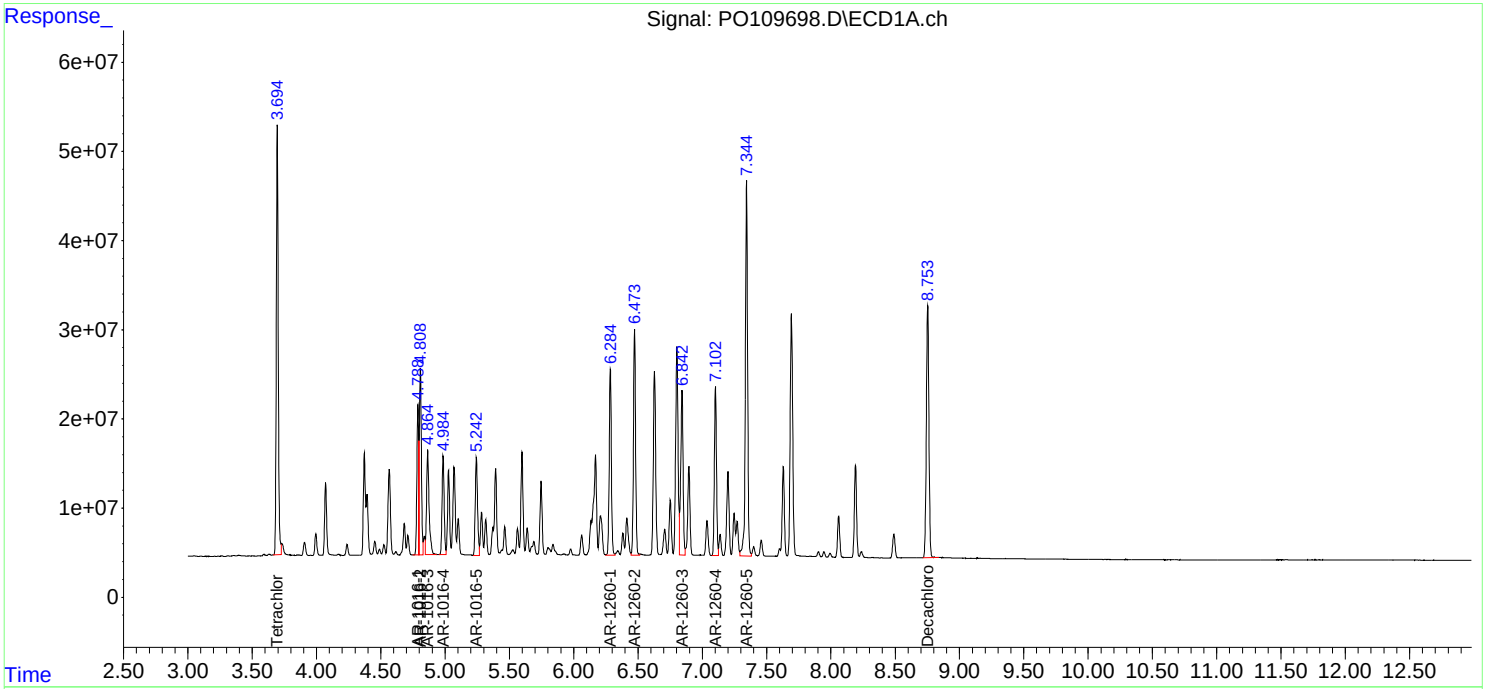
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

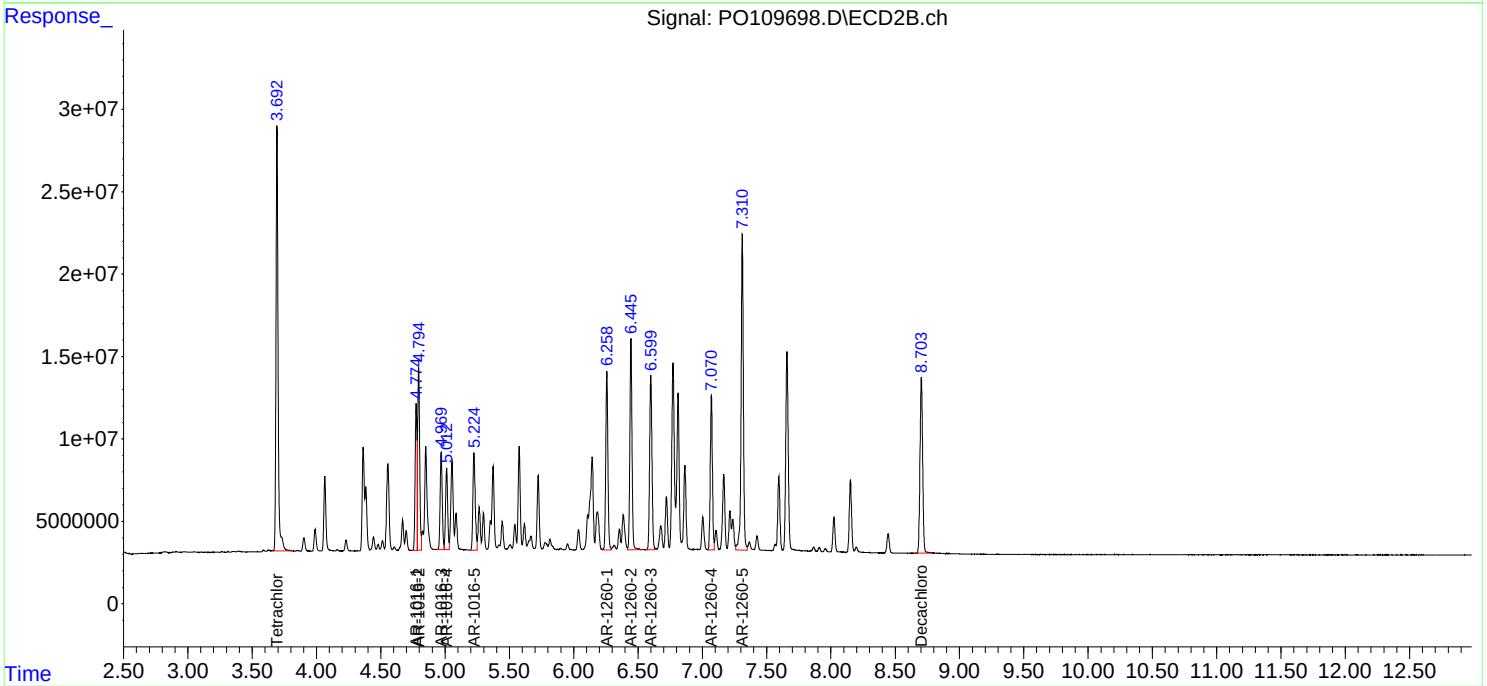
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109698.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 08:58
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PO109708.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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	RT WINDOW 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

Raw Data: **PO109708.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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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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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109708.D **Time Analyzed:** 12:30

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Raw Data: **PO109708.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 :** PO109708.D **Time Analyzed:** 12:30

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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\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 0.50µ Signal #2 Info : 30M x 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

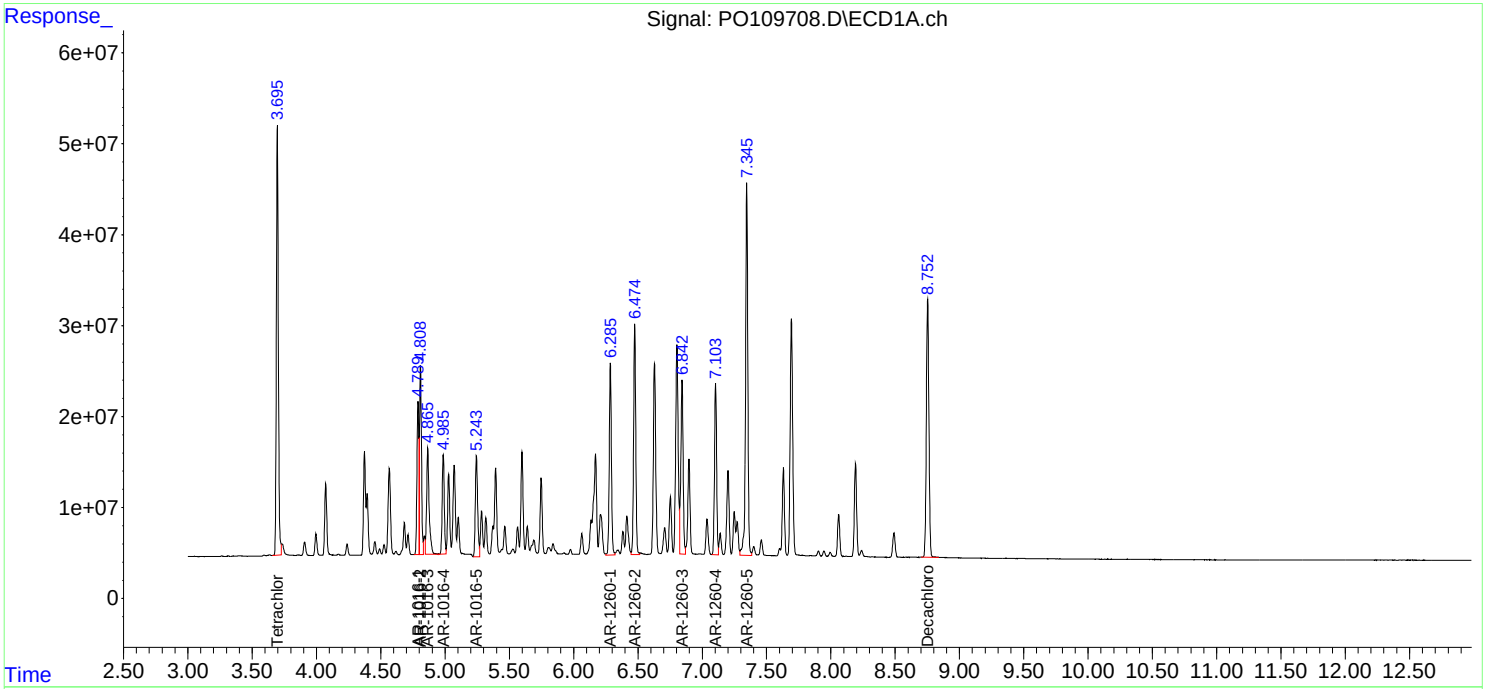
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

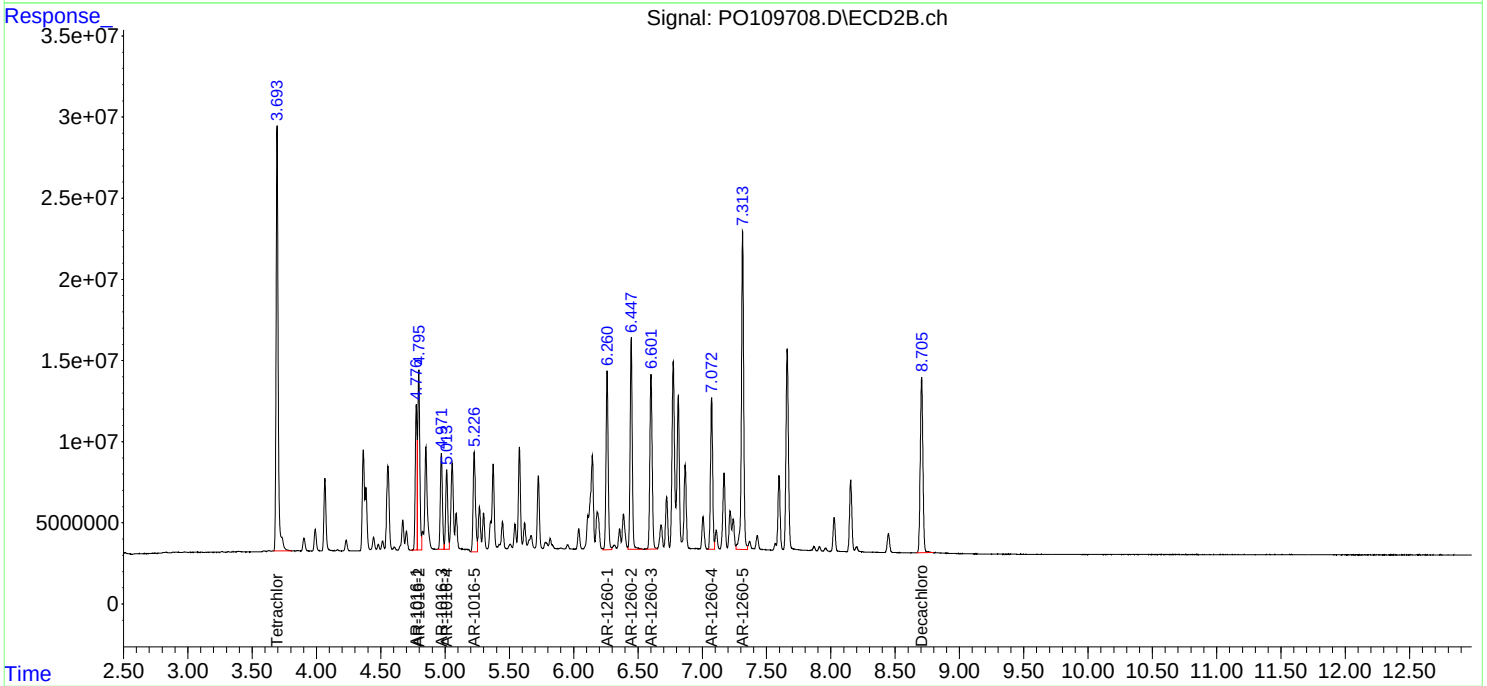
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PP070344.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW 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)	7.88	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

Raw Data: **PP070344.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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	RT WINDOW 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

Raw Data: **PP070344.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

Client Sample No.: CCAL11 **Date Analyzed:** 03/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070344.D **Time Analyzed:** 10:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Raw Data: **PP070344.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

Client Sample No.: CCAL11 **Date Analyzed:** 03/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070344.D **Time Analyzed:** 10:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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.

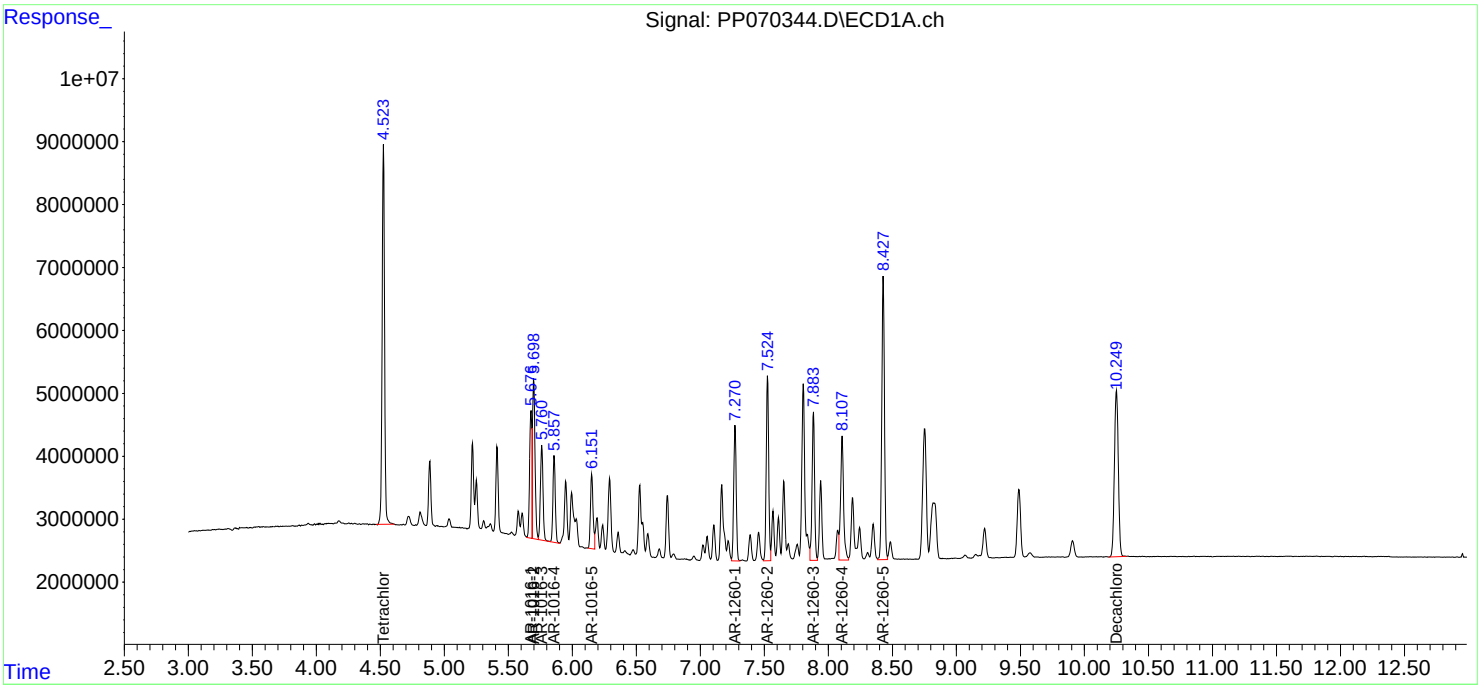
Sample Results: **PP070344.D**

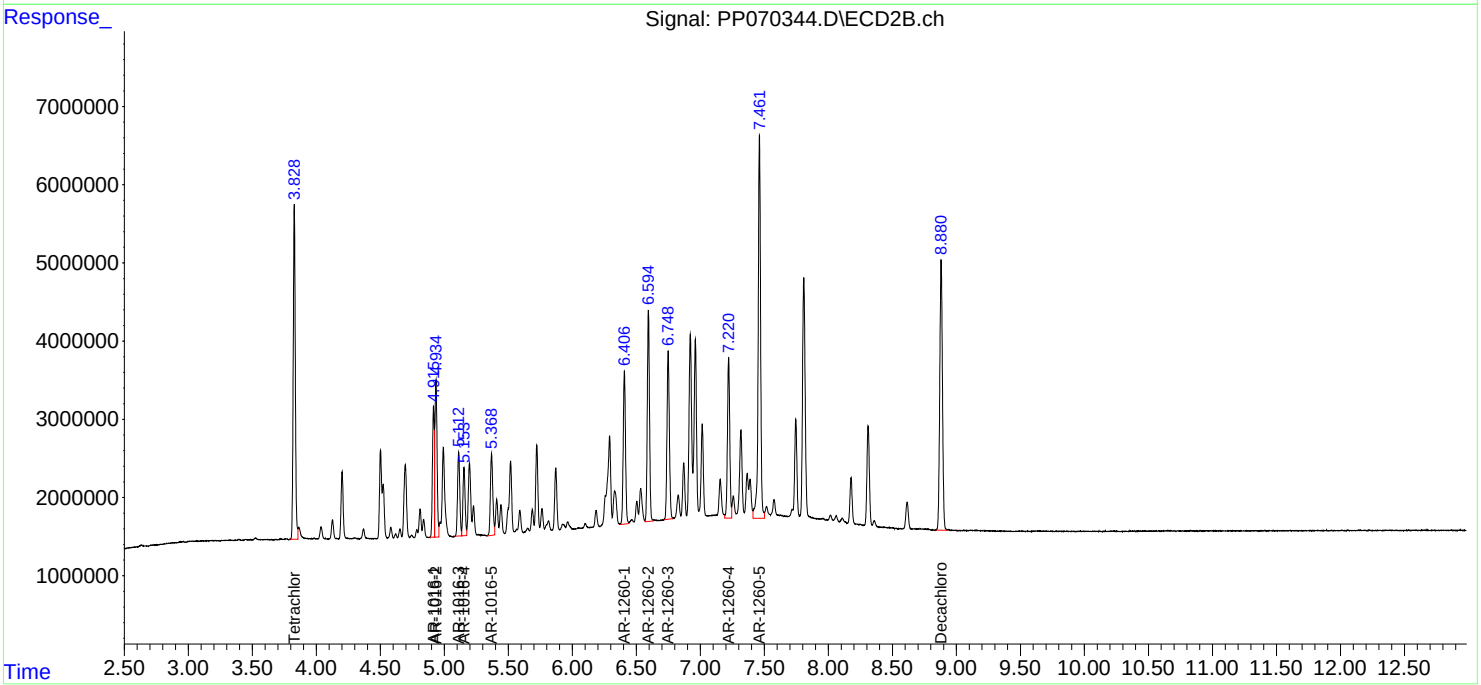
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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





Raw Data: **PP070359.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 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		10.25	10.26	10.16	10.36	0.01

Raw Data: **PP070359.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 FROM	RT WINDOW 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

Raw Data: **PP070359.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

Client Sample No.: CCAL12 **Date Analyzed:** 03/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070359.D **Time Analyzed:** 15:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Raw Data: **PP070359.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

Client Sample No.: CCAL12 **Date Analyzed:** 03/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070359.D **Time Analyzed:** 15:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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.

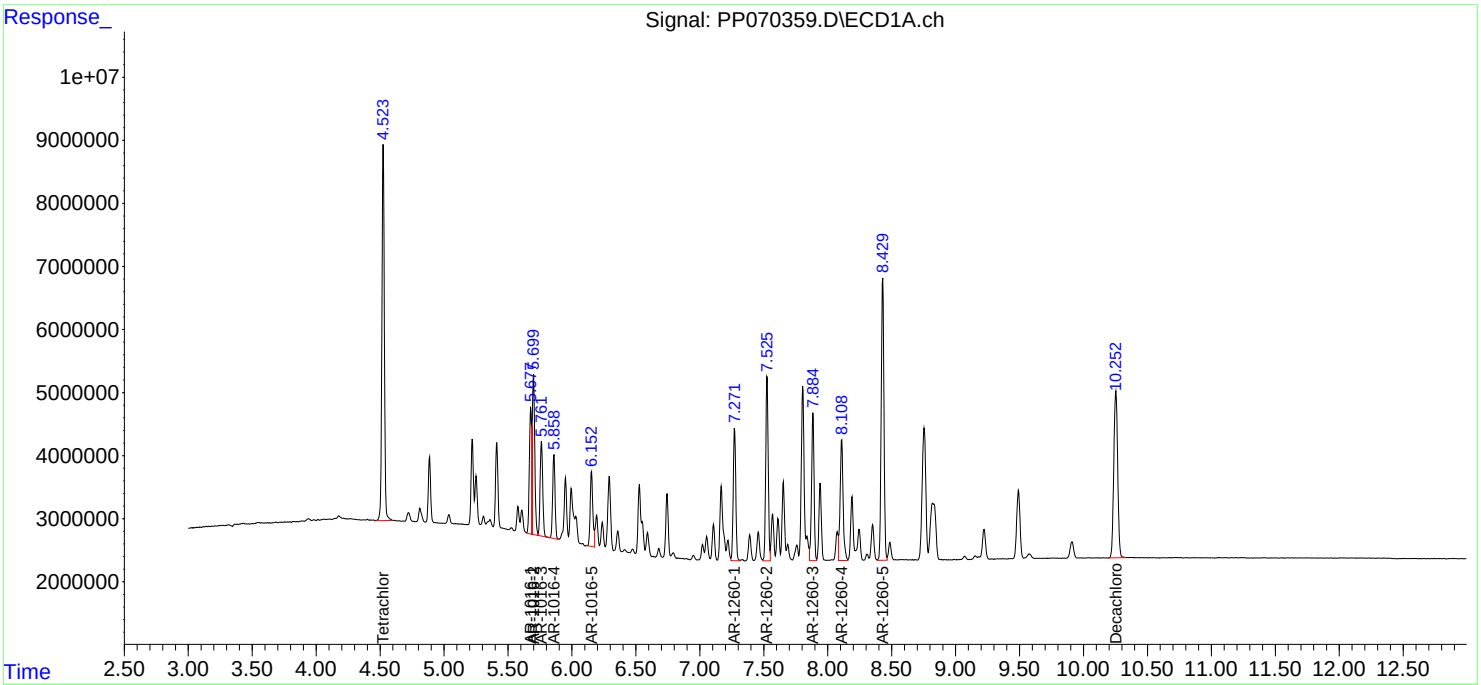
Sample Results: **PP070359.D**

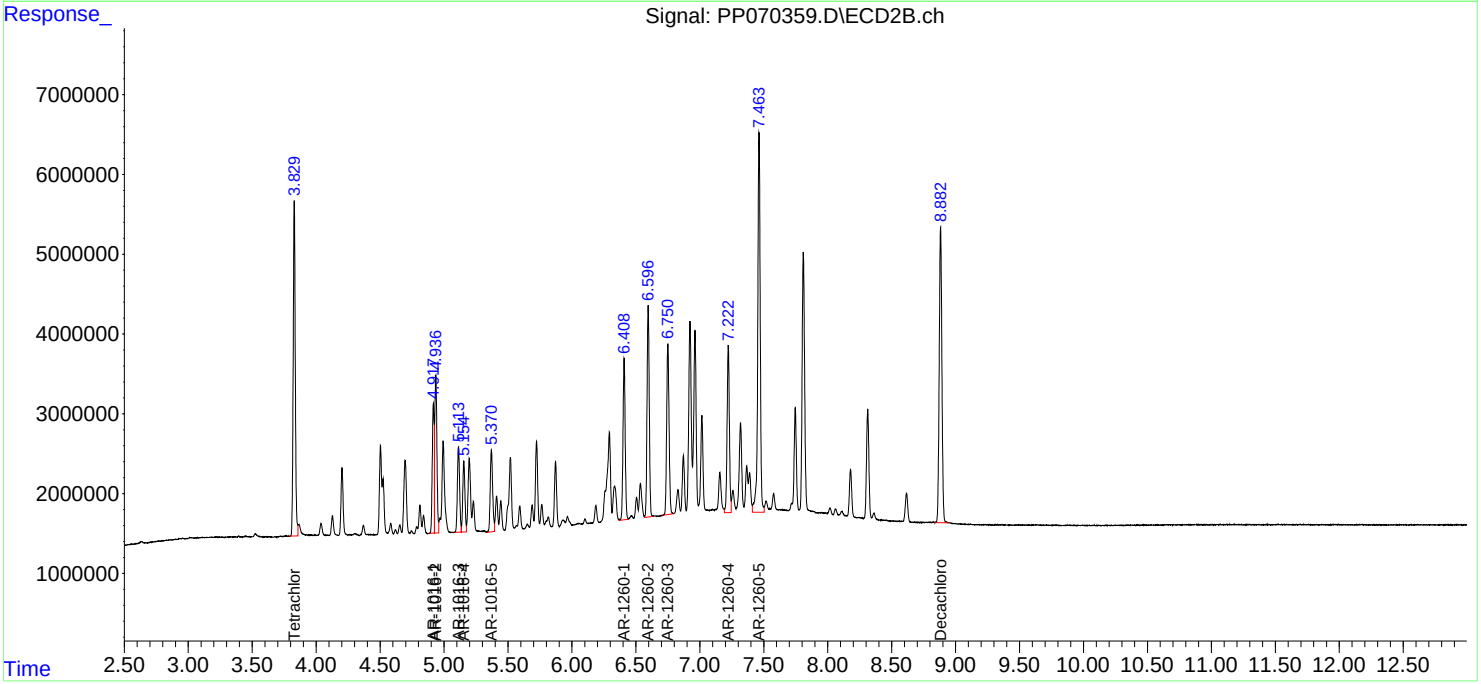
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 15:45
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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





Raw Data: **PP070374.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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 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		10.25	10.26	10.16	10.36	0.01

Raw Data: **PP070374.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

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

Raw Data: **PP070374.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

Client Sample No.: CCAL13 **Date Analyzed:** 03/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070374.D **Time Analyzed:** 20:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Raw Data: **PP070374.D**

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.:** Q1438 **SAS No.:** Q1438 **SDG NO.:** Q1438

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

Client Sample No.: CCAL13 **Date Analyzed:** 03/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP070374.D **Time Analyzed:** 20:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

Sample Results: **PP070374.D**

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.

Sample Results: **PP070374.D**

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

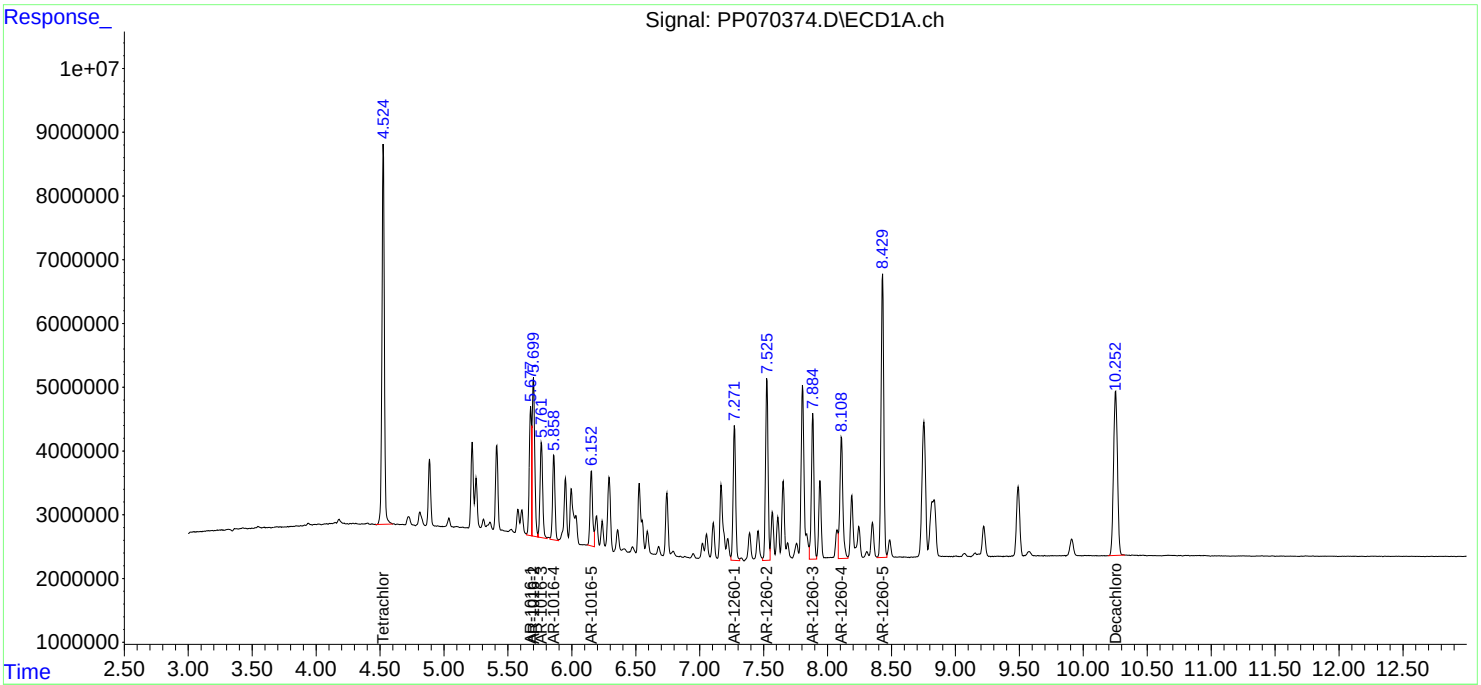
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

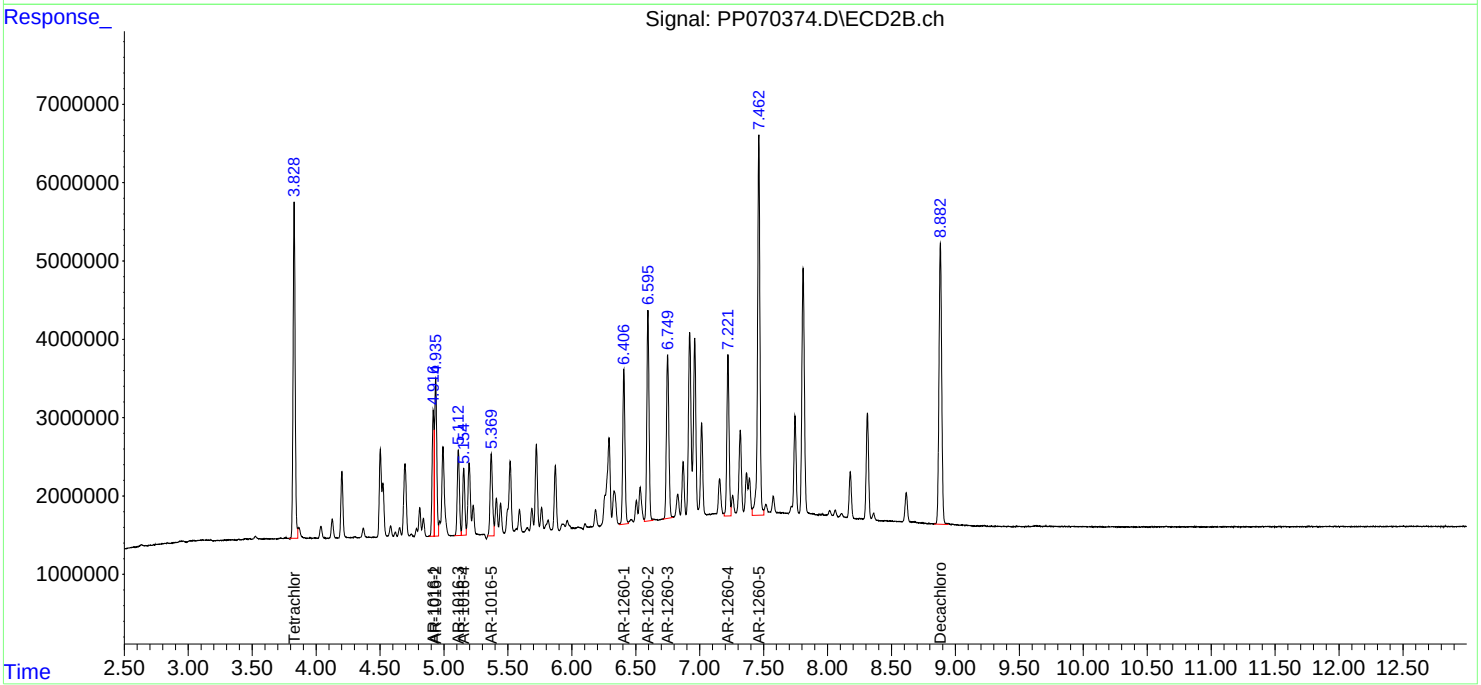
Manual Integrations APPROVED

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





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

Analytical Sequence

Client: ATC Group Services LLC **SDG No.:** Q1438

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 #
I.BLK	I.BLK	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	10:32	PO109518.D	8.76	3.70
I.BLK	I.BLK	02/27/2025	11:45	PO109522.D	8.75	3.70
PB166892BL	PB166892BL	02/27/2025	13:16	PO109524.D	8.77	3.70
PB166892BS	PB166892BS	02/27/2025	13:35	PO109525.D	8.76	3.70
K084-15B	Q1438-02	02/27/2025	13:53	PO109526.D	8.76	3.70
K084-16B	Q1438-04	02/27/2025	14:11	PO109527.D	8.76	3.70
K084-DUP1	Q1438-06	02/27/2025	14:30	PO109528.D	8.76	3.70
K084-DUP2	Q1438-07	02/27/2025	14:48	PO109529.D	8.75	3.70
K084-DUP3	Q1438-08	02/27/2025	15:06	PO109530.D	8.76	3.70
K084-DUP5	Q1438-10	02/27/2025	15:25	PO109531.D	8.76	3.70
AR1660CCC500	AR1660CCC500	02/27/2025	17:49	PO109533.D	8.76	3.70
I.BLK	I.BLK	02/27/2025	20:12	PO109537.D	8.76	3.70
351MS	Q1442-03MS	02/27/2025	21:44	PO109542.D	8.76	3.70

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

Analytical Sequence

351MSD	Q1442-03MSD	02/27/2025	22:02	PO109543.D	8.75	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	00:02	PO109548.D	8.76	3.70
I.BLK	I.BLK	02/28/2025	01:14	PO109552.D	8.76	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	10:57	PO109579.D	8.76	3.70
I.BLK	I.BLK	02/28/2025	11:16	PO109580.D	8.75	3.70
K084-15BDL	Q1438-02DL	02/28/2025	11:34	PO109581.D	8.75	3.70
K084-16BDL	Q1438-04DL	02/28/2025	11:52	PO109582.D	8.75	3.70
K084-DUP1DL	Q1438-06DL	02/28/2025	12:10	PO109583.D	8.75	3.70
K084-DUP1DL2	Q1438-06DL2	02/28/2025	12:28	PO109584.D	8.75	3.70
K084-DUP2DL	Q1438-07DL	02/28/2025	12:47	PO109585.D	8.75	3.70
K084-DUP3DL	Q1438-08DL	02/28/2025	13:04	PO109586.D	8.75	3.70
K084-DUP3DL2	Q1438-08DL2	02/28/2025	13:22	PO109587.D	0.00	0.00
K084-DUP5DL	Q1438-10DL	02/28/2025	13:41	PO109588.D	8.75	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	18:46	PO109600.D	8.75	3.70
I.BLK	I.BLK	02/28/2025	19:04	PO109601.D	8.75	3.69
AR1660CCC500	AR1660CCC500	03/06/2025	16:11	PO109662.D	8.76	3.70
I.BLK	I.BLK	03/06/2025	18:01	PO109666.D	8.76	3.70
K084-15C	Q1438-03	03/06/2025	20:47	PO109675.D	8.76	3.70
K084-16C	Q1438-05	03/06/2025	21:04	PO109676.D	8.75	3.69
AR1660CCC500	AR1660CCC500	03/06/2025	22:19	PO109677.D	8.75	3.70
I.BLK	I.BLK	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
I.BLK	I.BLK	03/07/2025	06:19	PO109696.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/07/2025	08:58	PO109698.D	8.75	3.70
I.BLK	I.BLK	03/07/2025	09:17	PO109699.D	8.75	3.70
K084-15CDL	Q1438-03DL	03/07/2025	09:55	PO109701.D	8.75	3.70
K084-16CDL	Q1438-05DL	03/07/2025	10:12	PO109702.D	8.75	3.69
AR1660CCC500	AR1660CCC500	03/07/2025	12:30	PO109708.D	8.75	3.70
I.BLK	I.BLK	03/07/2025	13:42	PO109712.D	8.75	3.70
I.BLK	I.BLK	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

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Analytical Sequence

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
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	03/07/2025	10:58	PP070344.D	10.25	4.53
I.BLK	I.BLK	03/07/2025	12:03	PP070348.D	10.25	4.53
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
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
K084-14C	Q1438-01	03/07/2025	17:06	PP070364.D	10.26	4.53
K084-DUP4	Q1438-09	03/07/2025	17:23	PP070365.D	10.25	4.53
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

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Analytical Sequence

Client: ATC Group Services LLC **SDG No.:** Q1438

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 #
I.BLK	I.BLK	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	10:32	PO109518.D	8.71	3.69
I.BLK	I.BLK	02/27/2025	11:45	PO109522.D	8.71	3.69
PB166892BL	PB166892BL	02/27/2025	13:16	PO109524.D	8.71	3.69
PB166892BS	PB166892BS	02/27/2025	13:35	PO109525.D	8.71	3.69
K084-15B	Q1438-02	02/27/2025	13:53	PO109526.D	8.71	3.69
K084-16B	Q1438-04	02/27/2025	14:11	PO109527.D	8.70	3.69
K084-DUP1	Q1438-06	02/27/2025	14:30	PO109528.D	8.71	3.69
K084-DUP2	Q1438-07	02/27/2025	14:48	PO109529.D	8.70	3.69
K084-DUP3	Q1438-08	02/27/2025	15:06	PO109530.D	8.71	3.69
K084-DUP5	Q1438-10	02/27/2025	15:25	PO109531.D	8.71	3.69
AR1660CCC500	AR1660CCC500	02/27/2025	17:49	PO109533.D	8.71	3.70
I.BLK	I.BLK	02/27/2025	20:12	PO109537.D	8.71	3.70
351MS	Q1442-03MS	02/27/2025	21:44	PO109542.D	8.71	3.70

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Analytical Sequence

351MSD	Q1442-03MSD	02/27/2025	22:02	PO109543.D	8.71	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	00:02	PO109548.D	8.71	3.70
I.BLK	I.BLK	02/28/2025	01:14	PO109552.D	8.71	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	10:57	PO109579.D	8.71	3.69
I.BLK	I.BLK	02/28/2025	11:16	PO109580.D	8.71	3.69
K084-15BDL	Q1438-02DL	02/28/2025	11:34	PO109581.D	8.71	3.69
K084-16BDL	Q1438-04DL	02/28/2025	11:52	PO109582.D	8.71	3.69
K084-DUP1DL	Q1438-06DL	02/28/2025	12:10	PO109583.D	8.70	3.69
K084-DUP1DL2	Q1438-06DL2	02/28/2025	12:28	PO109584.D	8.71	3.69
K084-DUP2DL	Q1438-07DL	02/28/2025	12:47	PO109585.D	8.70	3.69
K084-DUP3DL	Q1438-08DL	02/28/2025	13:04	PO109586.D	8.71	3.69
K084-DUP3DL2	Q1438-08DL2	02/28/2025	13:22	PO109587.D	0.00	0.00
K084-DUP5DL	Q1438-10DL	02/28/2025	13:41	PO109588.D	8.71	3.69
AR1660CCC500	AR1660CCC500	02/28/2025	18:46	PO109600.D	8.71	3.70
I.BLK	I.BLK	02/28/2025	19:04	PO109601.D	8.71	3.69
AR1660CCC500	AR1660CCC500	03/06/2025	16:11	PO109662.D	8.71	3.70
I.BLK	I.BLK	03/06/2025	18:01	PO109666.D	8.71	3.69
K084-15C	Q1438-03	03/06/2025	20:47	PO109675.D	8.71	3.69
K084-16C	Q1438-05	03/06/2025	21:04	PO109676.D	8.71	3.69
AR1660CCC500	AR1660CCC500	03/06/2025	22:19	PO109677.D	8.71	3.69
I.BLK	I.BLK	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
I.BLK	I.BLK	03/07/2025	06:19	PO109696.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/07/2025	08:58	PO109698.D	8.70	3.69
I.BLK	I.BLK	03/07/2025	09:17	PO109699.D	8.70	3.69
K084-15CDL	Q1438-03DL	03/07/2025	09:55	PO109701.D	8.70	3.69
K084-16CDL	Q1438-05DL	03/07/2025	10:12	PO109702.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/07/2025	12:30	PO109708.D	8.71	3.69
I.BLK	I.BLK	03/07/2025	13:42	PO109712.D	8.71	3.69
I.BLK	I.BLK	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

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Analytical Sequence

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
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	03/07/2025	10:58	PP070344.D	8.88	3.83
I.BLK	I.BLK	03/07/2025	12:03	PP070348.D	8.88	3.83
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
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
K084-14C	Q1438-01	03/07/2025	17:06	PP070364.D	8.88	3.83
K084-DUP4	Q1438-09	03/07/2025	17:23	PP070365.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

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB166892BS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: PB166892BS 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 PO109525.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.791	4.741	4.841	157		
	2	4.81	4.76	4.86	157		
	3	4.867	4.817	4.917	156		
COLUMN 1	4	4.987	4.937	5.037	158		
	5	5.245	5.195	5.295	150	156	
	1	4.776	4.726	4.826	163		
	2	4.795	4.745	4.845	164		
	3	4.971	4.921	5.021	164		
	4	5.012	4.962	5.062	156		
COLUMN 2	5	5.226	5.176	5.276	154	160	2.53
Aroclor-1260	1	6.288	6.238	6.338	161		
	2	6.476	6.426	6.526	161		
	3	6.845	6.795	6.895	139		
COLUMN 1	4	7.105	7.055	7.155	143		
	5	7.347	7.297	7.397	146	150	
	1	6.259	6.209	6.309	164		
	2	6.446	6.396	6.496	167		
	3	6.599	6.549	6.649	169		
	4	7.072	7.022	7.122	148		
COLUMN 2	5	7.312	7.262	7.362	153	160	6.45

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-15B

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-02 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 PO109526.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	977		
	2	5.75	5.7	5.8	1350		
	3	6.156	6.106	6.206	1840		
COLUMN 1	4	6.386	6.336	6.436	2100		
	5	6.806	6.756	6.856	4270	2100	
	1	5.579	5.529	5.629	1060		
	2	5.726	5.676	5.776	1430		
	3	6.129	6.079	6.179	2040		
	4	6.357	6.307	6.407	2400		
COLUMN 2	5	6.775	6.725	6.825	4780	2300	9.09
Aroclor-1268	1	7.633	7.583	7.683	520		
	2	7.696	7.646	7.746	633		
	3	7.906	7.856	7.956	426		
COLUMN 1	4	8.194	8.144	8.244	390		
	5	8.494	8.444	8.544	437	481	
	1	7.598	7.548	7.648	553		
	2	7.661	7.611	7.711	672		
	3	7.87	7.82	7.92	454		
	4	8.153	8.103	8.203	438		
COLUMN 2	5	8.448	8.398	8.498	481	520	7.79

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-16B

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-04 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 PO109527.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	863		
	2	5.749	5.699	5.799	1240		
	3	6.155	6.105	6.205	1780		
COLUMN 1	4	6.385	6.335	6.435	2160		
	5	6.804	6.754	6.854	4790	2200	
	1	5.579	5.529	5.629	958		
	2	5.726	5.676	5.776	1340		
	3	6.129	6.079	6.179	1990		
	4	6.357	6.307	6.407	2520		
COLUMN 2	5	6.774	6.724	6.824	5480	2500	12.77
Aroclor-1268	1	7.633	7.583	7.683	218		
	2	7.696	7.646	7.746	329		
	3	7.906	7.856	7.956	200		
COLUMN 1	4	8.194	8.144	8.244	190		
	5	8.493	8.443	8.543	207	229	
	1	7.597	7.547	7.647	226		
	2	7.66	7.61	7.71	351		
	3	7.869	7.819	7.919	216		
	4	8.154	8.104	8.204	221		
COLUMN 2	5	8.447	8.397	8.497	233	250	8.77

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP1

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-06 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 PO109528.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	2230		
	2	5.75	5.7	5.8	3410		
	3	6.156	6.106	6.206	4580		
COLUMN 1	4	6.386	6.336	6.436	4760		
	5	6.805	6.755	6.855	12900	5600	
	1	5.579	5.529	5.629	2540		
	2	5.726	5.676	5.776	3770		
	3	6.13	6.08	6.18	5280		
	4	6.357	6.307	6.407	5690		
COLUMN 2	5	6.775	6.725	6.825	15300	6500	14.88
Aroclor-1268	1	7.633	7.583	7.683	1390		
	2	7.697	7.647	7.747	1880		
	3	7.906	7.856	7.956	1250		
COLUMN 1	4	8.194	8.144	8.244	1210		
	5	8.494	8.444	8.544	1230	1400	
	1	7.598	7.548	7.648	1450		
	2	7.662	7.612	7.712	2040		
	3	7.87	7.82	7.92	1330		
	4	8.155	8.105	8.205	1330		
COLUMN 2	5	8.449	8.399	8.499	1330	1500	6.9

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-07 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 PO109529.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	399		
	2	5.749	5.699	5.799	898		
	3	6.155	6.105	6.205	1160		
COLUMN 1	4	6.384	6.334	6.434	1180		
	5	6.804	6.754	6.854	5140	1800	
	1	5.578	5.528	5.628	458		
	2	5.726	5.676	5.776	1000		
	3	6.129	6.079	6.179	1330		
	4	6.356	6.306	6.406	1430		
COLUMN 2	5	6.774	6.724	6.824	6110	2100	15.38
Aroclor-1268	1	7.633	7.583	7.683	77.0		
	2	7.694	7.644	7.744	238		
	3	7.906	7.856	7.956	53.9		
COLUMN 1	4	8.193	8.143	8.243	110		
	5	8.492	8.442	8.542	56.5	107	
	1	7.598	7.548	7.648	79.8		
	2	7.659	7.609	7.709	202		
	3	7.869	7.819	7.919	58.1		
	4	8.154	8.104	8.204	128		
COLUMN 2	5	8.448	8.398	8.498	69.2	107	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP3

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-08 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 PO109530.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	3800		
	2	5.749	5.699	5.799	5360		
	3	6.156	6.106	6.206	7010		
COLUMN 1	4	6.385	6.335	6.435	7980		
	5	6.805	6.755	6.855	14300	7700	
	1	5.579	5.529	5.629	4270		
	2	5.727	5.677	5.777	5880		
	3	6.13	6.08	6.18	8170		
	4	6.357	6.307	6.407	9530		
COLUMN 2	5	6.775	6.725	6.825	19700	9500	20.93
Aroclor-1268	1	7.632	7.582	7.682	329		
	2	7.694	7.644	7.744	796		
	3	7.906	7.856	7.956	452		
COLUMN 1	4	8.193	8.143	8.243	343		
	5	8.493	8.443	8.543	454	475	
	1	7.597	7.547	7.647	362		
	2	7.659	7.609	7.709	873		
	3	7.87	7.82	7.92	505		
	4	8.154	8.104	8.204	405		
COLUMN 2	5	8.448	8.398	8.498	513	532	11.32

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP5

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-10 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 PO109531.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	866		
	2	5.75	5.7	5.8	1390		
	3	6.156	6.106	6.206	1710		
COLUMN 1	4	6.385	6.335	6.435	1880		
	5	6.805	6.755	6.855	5050	2200	
	1	5.579	5.529	5.629	964		
	2	5.727	5.677	5.777	1500		
	3	6.13	6.08	6.18	1950		
	4	6.357	6.307	6.407	2230		
COLUMN 2	5	6.775	6.725	6.825	5910	2500	12.77
Aroclor-1268	1	7.633	7.583	7.683	1650		
	2	7.697	7.647	7.747	1170		
	3	7.906	7.856	7.956	1990		
COLUMN 1	4	8.194	8.144	8.244	647		
	5	8.496	8.446	8.546	1770	1400	
	1	7.598	7.548	7.648	1800		
	2	7.662	7.612	7.712	1270		
	3	7.87	7.82	7.92	2140		
	4	8.155	8.105	8.205	744		
COLUMN 2	5	8.449	8.399	8.499	2260	1600	13.33

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: 351MS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1442-03MS 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 PO109542.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.791	4.741	4.841	163		
	2	4.81	4.76	4.86	187		
	3	4.867	4.817	4.917	155		
COLUMN 1	4	4.987	4.937	5.037	148		
	5	5.245	5.195	5.295	147	160	
	1	4.778	4.728	4.828	183		
	2	4.798	4.748	4.848	213		
	3	4.973	4.923	5.023	170		
	4	5.015	4.965	5.065	155		
COLUMN 2	5	5.229	5.179	5.279	180	180	11.76
Aroclor-1260	1	6.287	6.237	6.337	151		
	2	6.476	6.426	6.526	147		
	3	6.844	6.794	6.894	127		
COLUMN 1	4	7.105	7.055	7.155	149		
	5	7.346	7.296	7.396	117	138	
	1	6.261	6.211	6.311	161		
	2	6.448	6.398	6.498	154		
	3	6.602	6.552	6.652	166		
	4	7.074	7.024	7.124	182		
COLUMN 2	5	7.315	7.265	7.365	145	162	16

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: 351MSD

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1442-03MSD 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 PO109543.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.791	4.741	4.841	169		
	2	4.81	4.76	4.86	171		
	3	4.866	4.816	4.916	163		
COLUMN 1	4	4.987	4.937	5.037	174		
	5	5.245	5.195	5.295	177	171	
	1	4.778	4.728	4.828	186		
	2	4.797	4.747	4.847	194		
	3	4.972	4.922	5.022	187		
	4	5.015	4.965	5.065	159		
COLUMN 2	5	5.229	5.179	5.279	185	182	6.23
Aroclor-1260	1	6.287	6.237	6.337	164		
	2	6.475	6.425	6.525	159		
	3	6.844	6.794	6.894	134		
COLUMN 1	4	7.105	7.055	7.155	155		
	5	7.347	7.297	7.397	122	147	
	1	6.261	6.211	6.311	164		
	2	6.449	6.399	6.499	157		
	3	6.601	6.551	6.651	184		
	4	7.074	7.024	7.124	185		
COLUMN 2	5	7.314	7.264	7.364	149	168	13.33

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-15BDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-02DL 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 PO109581.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.599	5.549	5.649	1160		
	2	5.748	5.698	5.798	1600		
	3	6.154	6.104	6.204	2040		
COLUMN 1	4	6.384	6.334	6.434	2320		
	5	6.804	6.754	6.854	4170	2300	
	1	5.579	5.529	5.629	1270		
	2	5.727	5.677	5.777	1700		
	3	6.129	6.079	6.179	2230		
	4	6.357	6.307	6.407	2630		
COLUMN 2	5	6.774	6.724	6.824	4690	2500	8.33
Aroclor-1268	1	7.632	7.582	7.682	543		
	2	7.695	7.645	7.745	631		
	3	7.905	7.855	7.955	436		
COLUMN 1	4	8.192	8.142	8.242	414		
	5	8.492	8.442	8.542	411	487	
	1	7.597	7.547	7.647	612		
	2	7.661	7.611	7.711	724		
	3	7.869	7.819	7.919	490		
	4	8.153	8.103	8.203	479		
COLUMN 2	5	8.448	8.398	8.498	479	557	13.41

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-16BDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-04DL 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 PO109582.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.599	5.549	5.649	1210		
	2	5.748	5.698	5.798	1670		
	3	6.154	6.104	6.204	2050		
COLUMN 1	4	6.384	6.334	6.434	2440		
	5	6.804	6.754	6.854	4730	2400	
	1	5.579	5.529	5.629	1300		
	2	5.727	5.677	5.777	1750		
	3	6.13	6.08	6.18	2220		
	4	6.358	6.308	6.408	2750		
COLUMN 2	5	6.774	6.724	6.824	5330	2700	11.76
Aroclor-1268	1	7.631	7.581	7.681	251		
	2	7.694	7.644	7.744	361		
	3	7.904	7.854	7.954	228		
COLUMN 1	4	8.192	8.142	8.242	227		
	5	8.491	8.441	8.541	213	256	
	1	7.597	7.547	7.647	272		
	2	7.66	7.61	7.71	403		
	3	7.869	7.819	7.919	256		
	4	8.154	8.104	8.204	262		
COLUMN 2	5	8.448	8.398	8.498	254	289	12.11

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP1DL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-06DL 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 PO109583.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.598	5.548	5.648	2860		
	2	5.747	5.697	5.797	4330		
	3	6.153	6.103	6.203	5610		
COLUMN 1	4	6.382	6.332	6.432	5810		
	5	6.802	6.752	6.852	15400	6800	
	1	5.579	5.529	5.629	3120		
	2	5.726	5.676	5.776	4560		
	3	6.129	6.079	6.179	6190		
	4	6.357	6.307	6.407	6640		
COLUMN 2	5	6.774	6.724	6.824	17200	7500	9.79
Aroclor-1268	1	7.63	7.58	7.68	1540		
	2	7.694	7.644	7.744	2100		
	3	7.903	7.853	7.953	1380		
COLUMN 1	4	8.191	8.141	8.241	1350		
	5	8.49	8.44	8.54	1300	1500	
	1	7.598	7.548	7.648	1650		
	2	7.66	7.61	7.71	2290		
	3	7.869	7.819	7.919	1490		
	4	8.153	8.103	8.203	1520		
COLUMN 2	5	8.448	8.398	8.498	1410	1700	12.5

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP1DL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-06DL2 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 PO109584.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.599	5.549	5.649	3330		
	2	5.748	5.698	5.798	4930		
	3	6.155	6.105	6.205	6090		
COLUMN 1	4	6.383	6.333	6.433	6070		
	5	6.803	6.753	6.853	15100	7100	
	1	5.579	5.529	5.629	3610		
	2	5.727	5.677	5.777	5220		
	3	6.13	6.08	6.18	6540		
	4	6.357	6.307	6.407	6830		
COLUMN 2	5	6.775	6.725	6.825	16800	7800	9.4
Aroclor-1268	1	7.632	7.582	7.682	1700		
	2	7.695	7.645	7.745	2340		
	3	7.905	7.855	7.955	1440		
COLUMN 1	4	8.193	8.143	8.243	1460		
	5	8.491	8.441	8.541	1280	1600	
	1	7.598	7.548	7.648	1780		
	2	7.661	7.611	7.711	2390		
	3	7.87	7.82	7.92	1620		
	4	8.154	8.104	8.204	1720		
COLUMN 2	5	8.448	8.398	8.498	1500	1800	11.76

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP2DL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-07DL 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 PO109585.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.598	5.548	5.648	643		
	2	5.747	5.697	5.797	1320		
	3	6.154	6.104	6.204	1670		
COLUMN 1	4	6.383	6.333	6.433	1670		
	5	6.803	6.753	6.853	5850	2200	
	1	5.578	5.528	5.628	702		
	2	5.726	5.676	5.776	1430		
	3	6.13	6.08	6.18	1800		
	4	6.356	6.306	6.406	1900		
COLUMN 2	5	6.774	6.724	6.824	6560	2500	12.77
Aroclor-1268	1	7.631	7.581	7.681	115		
	2	7.692	7.642	7.742	286		
	3	7.904	7.854	7.954	77.3		
COLUMN 1	4	8.191	8.141	8.241	162		
	5	8.49	8.44	8.54	73.6	143	
	1	7.596	7.546	7.646	120		
	2	7.659	7.609	7.709	264		
	3	7.869	7.819	7.919	91.7		
	4	8.153	8.103	8.203	176		
COLUMN 2	5	8.447	8.397	8.497	89.8	148	3.44

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP3DL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-08DL 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 PO109586.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.598	5.548	5.648	4460		
	2	5.747	5.697	5.797	6280		
	3	6.153	6.103	6.203	8340		
COLUMN 1	4	6.382	6.332	6.432	9190		
	5	6.802	6.752	6.852	19500	9600	
	1	5.579	5.529	5.629	4780		
	2	5.727	5.677	5.777	6540		
	3	6.13	6.08	6.18	9060		
	4	6.357	6.307	6.407	10400		
COLUMN 2	5	6.775	6.725	6.825	21800	11000	13.59
Aroclor-1268	1	7.63	7.58	7.68	376		
	2	7.692	7.642	7.742	879		
	3	7.903	7.853	7.953	508		
COLUMN 1	4	8.191	8.141	8.241	405		
	5	8.489	8.439	8.539	484	530	
	1	7.597	7.547	7.647	411		
	2	7.659	7.609	7.709	958		
	3	7.87	7.82	7.92	554		
	4	8.154	8.104	8.204	460		
COLUMN 2	5	8.448	8.398	8.498	536	584	9.69

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP3DL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-08DL2 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 PO109587.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.599	5.549	5.649	5460		
	2	5.748	5.698	5.798	7630		
	3	6.155	6.105	6.205	9490		
COLUMN 1	4	6.384	6.334	6.434	10600		
	5	6.804	6.754	6.854	20600	11000	
	1	5.579	5.529	5.629	5810		
	2	5.727	5.677	5.777	7890		
	3	6.13	6.08	6.18	10100		
	4	6.357	6.307	6.407	11700		
COLUMN 2	5	6.775	6.725	6.825	22600	12000	8.7
Aroclor-1268	1	7.631	7.581	7.681	470		
	2	7.693	7.643	7.743	1020		
	3	7.904	7.854	7.954	606		
COLUMN 1	4	8.192	8.142	8.242	484		
	5	8.491	8.441	8.541	544	626	
	1	7.597	7.547	7.647	519		
	2	7.659	7.609	7.709	1130		
	3	7.869	7.819	7.919	693		
	4	8.153	8.103	8.203	559		
COLUMN 2	5	8.448	8.398	8.498	649	710	12.57

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP5DL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-10DL 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 PO109588.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.599	5.549	5.649	1150		
	2	5.749	5.699	5.799	1840		
	3	6.154	6.104	6.204	2190		
COLUMN 1	4	6.383	6.333	6.433	2420		
	5	6.803	6.753	6.853	5720	2700	
	1	5.579	5.529	5.629	1250		
	2	5.727	5.677	5.777	1930		
	3	6.13	6.08	6.18	2350		
	4	6.357	6.307	6.407	2680		
COLUMN 2	5	6.774	6.724	6.824	6290	2900	7.14
Aroclor-1268	1	7.631	7.581	7.681	1880		
	2	7.696	7.646	7.746	1330		
	3	7.904	7.854	7.954	2220		
COLUMN 1	4	8.192	8.142	8.242	807		
	5	8.491	8.441	8.541	2180	1700	
	1	7.598	7.548	7.648	2080		
	2	7.662	7.612	7.712	1500		
	3	7.87	7.82	7.92	2410		
	4	8.154	8.104	8.204	947		
COLUMN 2	5	8.449	8.399	8.499	2380	1900	11.11

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-15C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-03 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 PO109675.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	3030		
	2	5.749	5.699	5.799	3080		
	3	6.156	6.106	6.206	3590		
COLUMN 1	4	6.385	6.335	6.435	3610		
	5	6.805	6.755	6.855	4960	3700	
	1	5.579	5.529	5.629	3340		
	2	5.727	5.677	5.777	3290		
	3	6.131	6.081	6.181	4000		
	4	6.358	6.308	6.408	4130		
COLUMN 2	5	6.775	6.725	6.825	5560	4100	10.26
Aroclor-1268	1	7.632	7.582	7.682	180		
	2	7.695	7.645	7.745	297		
	3	7.906	7.856	7.956	148		
COLUMN 1	4	8.194	8.144	8.244	159		
	5	8.492	8.442	8.542	142	185	
	1	7.599	7.549	7.649	202		
	2	7.661	7.611	7.711	318		
	3	7.871	7.821	7.921	160		
	4	8.155	8.105	8.205	180		
COLUMN 2	5	8.449	8.399	8.499	156	203	9.28

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-16C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-05 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 PO109676.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.598	5.548	5.648	1840		
	2	5.747	5.697	5.797	2270		
	3	6.153	6.103	6.203	2760		
COLUMN 1	4	6.383	6.333	6.433	2750		
	5	6.803	6.753	6.853	3990	2700	
	1	5.579	5.529	5.629	2030		
	2	5.727	5.677	5.777	2440		
	3	6.13	6.08	6.18	3070		
	4	6.358	6.308	6.408	3150		
COLUMN 2	5	6.775	6.725	6.825	4470	3000	10.53
Aroclor-1268	1	7.631	7.581	7.681	80.7		
	2	7.693	7.643	7.743	159		
	3	7.904	7.854	7.954	71.7		
COLUMN 1	4	8.192	8.142	8.242	84.8		
	5	8.491	8.441	8.541	69.1	93.0	
	1	7.598	7.548	7.648	89.5		
	2	7.66	7.61	7.71	166		
	3	7.87	7.82	7.92	77.3		
	4	8.154	8.104	8.204	97.0		
COLUMN 2	5	8.448	8.398	8.498	78.7	102	9.23

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167022BS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

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 FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.791	4.741	4.841	160		
	2	4.81	4.76	4.86	162		
	3	4.866	4.816	4.916	160		
COLUMN 1	4	4.987	4.937	5.037	161		
	5	5.244	5.194	5.294	152	159	
	1	4.778	4.728	4.828	170		
	2	4.797	4.747	4.847	173		
	3	4.973	4.923	5.023	172		
	4	5.014	4.964	5.064	163		
COLUMN 2	5	5.228	5.178	5.278	161	168	5.5
Aroclor-1260	1	6.287	6.237	6.337	162		
	2	6.475	6.425	6.525	163		
	3	6.844	6.794	6.894	139		
COLUMN 1	4	7.105	7.055	7.155	144		
	5	7.346	7.296	7.396	146	151	
	1	6.261	6.211	6.311	171		
	2	6.449	6.399	6.499	172		
	3	6.602	6.552	6.652	173		
	4	7.074	7.024	7.124	149		
COLUMN 2	5	7.314	7.264	7.364	154	164	8.25

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-4CMS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

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 FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.791	4.741	4.841	226		
	2	4.81	4.76	4.86	220		
	3	4.867	4.817	4.917	218		
COLUMN 1	4	4.987	4.937	5.037	208		
	5	5.245	5.195	5.295	209	216	
	1	4.777	4.727	4.827	249		
	2	4.796	4.746	4.846	246		
	3	4.972	4.922	5.022	231		
	4	5.014	4.964	5.064	326		
COLUMN 2	5	5.227	5.177	5.277	233	257	17.34
Aroclor-1254	1	5.601	5.551	5.651	420		
	2	5.749	5.699	5.799	807		
	3	6.155	6.105	6.205	1120		
COLUMN 1	4	6.385	6.335	6.435	795		
	5	6.805	6.755	6.855	4250	1500	
	1	5.579	5.529	5.629	474		
	2	5.727	5.677	5.777	876		
	3	6.13	6.08	6.18	1260		
	4	6.357	6.307	6.407	921		
COLUMN 2	5	6.774	6.724	6.824	4820	1700	12.5

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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		
COLUMN 1	4	7.105	7.055	7.155	368		
	5	7.347	7.297	7.397	292	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		
COLUMN 2	5	7.314	7.264	7.364	321	711	33.11
Aroclor-1268	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		
COLUMN 1	4	8.193	8.143	8.243	162		
	5	8.492	8.442	8.542	47.5	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		
COLUMN 2	5	8.448	8.398	8.498	55.0	131	10.44

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-4CMSD

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

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 FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.79	4.74	4.84	211		
	2	4.81	4.76	4.86	208		
	3	4.866	4.816	4.916	200		
COLUMN 1	4	4.987	4.937	5.037	186		
	5	5.244	5.194	5.294	200	201	
	1	4.778	4.728	4.828	234		
	2	4.797	4.747	4.847	232		
	3	4.973	4.923	5.023	207		
	4	5.014	4.964	5.064	326		
COLUMN 2	5	5.227	5.177	5.277	223	244	19.33
Aroclor-1254	1	5.6	5.55	5.65	464		
	2	5.749	5.699	5.799	840		
	3	6.155	6.105	6.205	1270		
COLUMN 1	4	6.384	6.334	6.434	937		
	5	6.804	6.754	6.854	4920	1700	
	1	5.58	5.53	5.63	522		
	2	5.727	5.677	5.777	909		
	3	6.13	6.08	6.18	1420		
	4	6.358	6.308	6.408	1080		
COLUMN 2	5	6.775	6.725	6.825	5600	1900	11.11

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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		
COLUMN 1	4	7.104	7.054	7.154	389		
	5	7.346	7.296	7.396	302	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		
COLUMN 2	5	7.314	7.264	7.364	332	801	33.53
Aroclor-1268	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		
COLUMN 1	4	8.194	8.144	8.244	173		
	5	8.492	8.442	8.542	57.1	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		
COLUMN 2	5	8.449	8.399	8.499	65.9	150	9.06

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-15CDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-03DL 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 PO109701.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.598	5.548	5.648	4850		
	2	5.748	5.698	5.798	4950		
	3	6.154	6.104	6.204	5490		
COLUMN 1	4	6.384	6.334	6.434	5560		
	5	6.803	6.753	6.853	6770	5500	
	1	5.578	5.528	5.628	5110		
	2	5.726	5.676	5.776	5110		
	3	6.129	6.079	6.179	5800		
	4	6.357	6.307	6.407	6010		
COLUMN 2	5	6.774	6.724	6.824	7330	5900	7.02
Aroclor-1268	1	7.631	7.581	7.681	316		
	2	7.693	7.643	7.743	505		
	3	7.904	7.854	7.954	253		
COLUMN 1	4	8.192	8.142	8.242	265		
	5	8.491	8.441	8.541	219	312	
	1	7.597	7.547	7.647	326		
	2	7.659	7.609	7.709	535		
	3	7.868	7.818	7.918	284		
	4	8.153	8.103	8.203	305		
COLUMN 2	5	8.447	8.397	8.497	260	342	9.17

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-16CDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-05DL 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 PO109702.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.596	5.546	5.646	2580		
	2	5.746	5.696	5.796	3200		
	3	6.152	6.102	6.202	3740		
COLUMN 1	4	6.382	6.332	6.432	3730		
	5	6.801	6.751	6.851	4900	3600	
	1	5.578	5.528	5.628	2720		
	2	5.725	5.675	5.775	3290		
	3	6.128	6.078	6.178	3940		
	4	6.356	6.306	6.406	4050		
COLUMN 2	5	6.773	6.723	6.823	5260	3900	8
Aroclor-1268	1	7.629	7.579	7.679	125		
	2	7.69	7.64	7.74	234		
	3	7.902	7.852	7.952	111		
COLUMN 1	4	8.189	8.139	8.239	121		
	5	8.488	8.438	8.538	96.7	138	
	1	7.596	7.546	7.646	123		
	2	7.659	7.609	7.709	246		
	3	7.868	7.818	7.918	120		
	4	8.153	8.103	8.203	140		
COLUMN 2	5	8.446	8.396	8.496	115	149	7.67

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167029BS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

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 FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.677	5.627	5.727	147		
	2	5.699	5.649	5.749	153		
	3	5.761	5.711	5.811	146		
COLUMN 1	4	5.859	5.809	5.909	144		
	5	6.152	6.102	6.202	150	148	
	1	4.918	4.868	4.968	154		
	2	4.937	4.887	4.987	155		
	3	5.114	5.064	5.164	160		
	4	5.155	5.105	5.205	155		
COLUMN 2	5	5.371	5.321	5.421	155	156	5.26
Aroclor-1260	1	7.271	7.221	7.321	155		
	2	7.525	7.475	7.575	150		
	3	7.883	7.833	7.933	133		
COLUMN 1	4	8.108	8.058	8.158	145		
	5	8.429	8.379	8.479	138	144	
	1	6.408	6.358	6.458	151		
	2	6.596	6.546	6.646	153		
	3	6.75	6.7	6.8	145		
	4	7.222	7.172	7.272	140		
COLUMN 2	5	7.463	7.413	7.513	149	147	2.06

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-14C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-01 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 PP070364.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.529	6.479	6.579	131		
	2	6.746	6.696	6.796	158		
	3	7.11	7.06	7.16	215		
COLUMN 1	4	7.393	7.343	7.443	197		
	5	7.826	7.776	7.876	949	330	
	1	5.723	5.673	5.773	123		
	2	5.871	5.821	5.921	198		
	3	6.277	6.227	6.327	236		
	4	6.504	6.454	6.554	204		
COLUMN 2	5	6.922	6.872	6.972	788	310	6.25
Aroclor-1268	1	8.75	8.7	8.8	63.0		
	2	8.842	8.792	8.892	49.8		
	3	9.076	9.026	9.126	35.1		
COLUMN 1	4	9.495	9.445	9.545	35.6		
	5	9.914	9.864	9.964	34.2	43.5	
	1	7.746	7.696	7.796	55.6		
	2	7.811	7.761	7.861	74.2		
	3	8.018	7.968	8.068	39.9		
	4	8.312	8.262	8.362	46.1		
COLUMN 2	5	8.617	8.567	8.667	36.9	50.5	14.89

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-DUP4

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

Lab Sample ID: Q1438-09 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 PP070365.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.528	6.478	6.578	32.3		
	2	6.744	6.694	6.794	40.0		
	3	7.108	7.058	7.158	55.4		
COLUMN 1	4	7.39	7.34	7.44	53.1		
	5	7.822	7.772	7.872	196	75.3	
	1	5.723	5.673	5.773	31.4		
	2	5.873	5.823	5.923	49.1		
	3	6.276	6.226	6.326	56.7		
	4	6.505	6.455	6.555	61.2		
COLUMN 2	5	6.923	6.873	6.973	163	72.3	4.07

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

RBR251372MS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

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 FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.678	5.628	5.728	99.3		
	2	5.7	5.65	5.75	118		
	3	5.761	5.711	5.811	149		
COLUMN 1	4	5.858	5.808	5.908	142		
	5	6.152	6.102	6.202	102	122	
	1	4.919	4.869	4.969	108		
	2	4.938	4.888	4.988	136		
	3	5.115	5.065	5.165	114		
	4	5.158	5.108	5.208	208		
COLUMN 2	5	5.372	5.322	5.422	195	152	21.9
Aroclor-1254	1	6.527	6.477	6.577	154		
	2	6.744	6.694	6.794	126		
	3	7.107	7.057	7.157	114		
COLUMN 1	4	7.39	7.34	7.44	117		
	5	7.804	7.754	7.854	285	159	
	1	5.726	5.676	5.776	139		
	2	5.875	5.825	5.925	133		
	3	6.279	6.229	6.329	100		
	4	6.507	6.457	6.557	90.2		
COLUMN 2	5	6.925	6.875	6.975	197	132	18.56

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

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		
COLUMN 1	4	8.106	8.056	8.156	234		
	5	8.428	8.378	8.478	162	190	
	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		
COLUMN 2	5	7.463	7.413	7.513	148	148	24.85

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

RBR251372MSD

Contract: ATCE02

Lab Code: CHEM Case No.: Q1438 SAS No.: Q1438 SDG NO.: Q1438

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 FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.681	5.631	5.731	103		
	2	5.704	5.654	5.754	120		
	3	5.765	5.715	5.815	151		
COLUMN 1	4	5.861	5.811	5.911	145		
	5	6.155	6.105	6.205	108	125	
	1	4.918	4.868	4.968	116		
	2	4.937	4.887	4.987	129		
	3	5.114	5.064	5.164	128		
	4	5.156	5.106	5.206	211		
COLUMN 2	5	5.371	5.321	5.421	197	156	22.06
Aroclor-1254	1	6.53	6.48	6.58	156		
	2	6.748	6.698	6.798	133		
	3	7.11	7.06	7.16	119		
COLUMN 1	4	7.394	7.344	7.444	123		
	5	7.809	7.759	7.859	333	173	
	1	5.725	5.675	5.775	142		
	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		
COLUMN 2	5	6.923	6.873	6.973	203	133	26.14

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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		
COLUMN 1	4	8.11	8.06	8.16	246		
	5	8.432	8.382	8.482	160	197	
	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		
COLUMN 2	5	7.462	7.412	7.512	168	159	21.35

QC SAMPLE DATA

Raw Data: **PO109524.D**

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB166892BL	SDG No.:	Q1438
Lab Sample ID:	PB166892BL	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
PO109524.D	1	02/27/25 09:56	02/27/25 13:16	PB166892

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	22.0		32 - 144	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.2		32 - 175	121%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO109524.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 13:16
Operator : YP/AJ
Sample : PB166892BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB166892BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:37:02 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...	3.703	3.692	208.3E6	114.8E6	22.007	21.931
2)	SA Decachlor...	8.767	8.709	179.2E6	77049099	20.828	24.197
	Target Compounds						

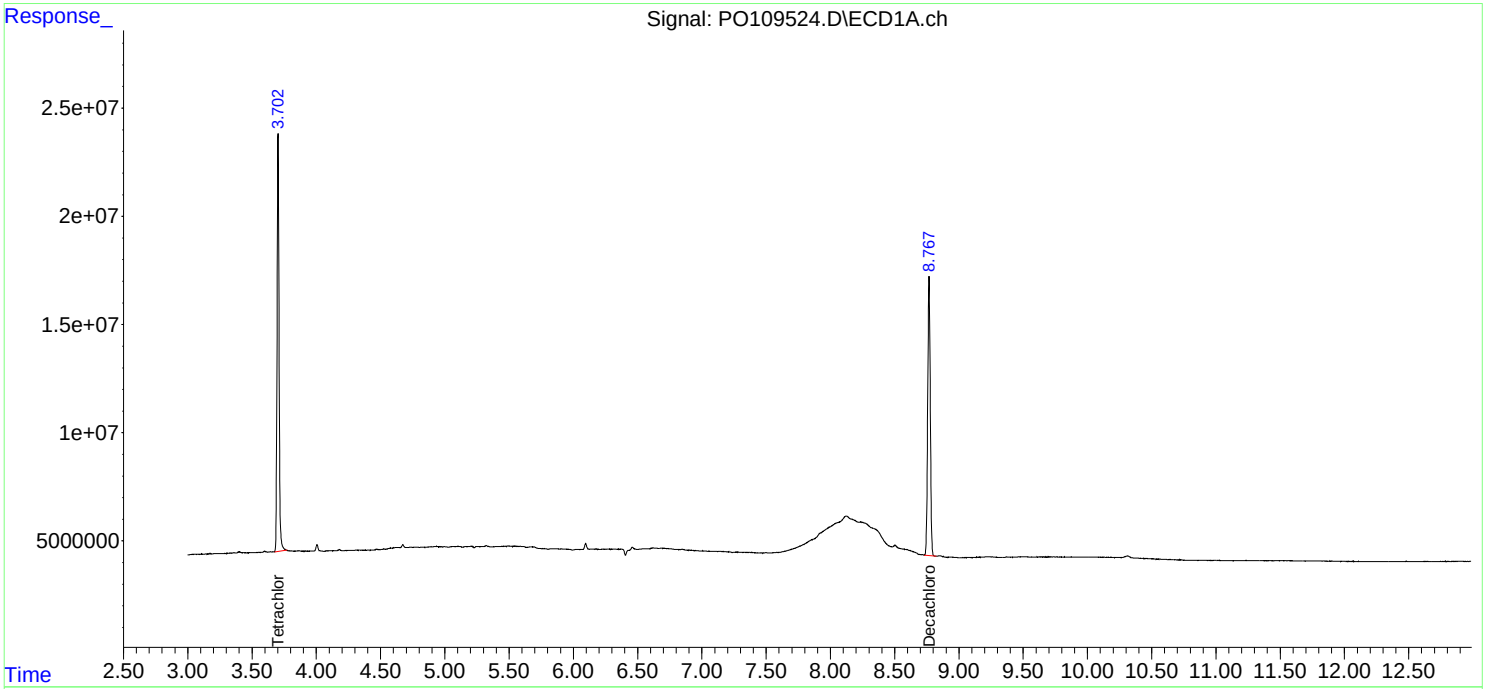
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

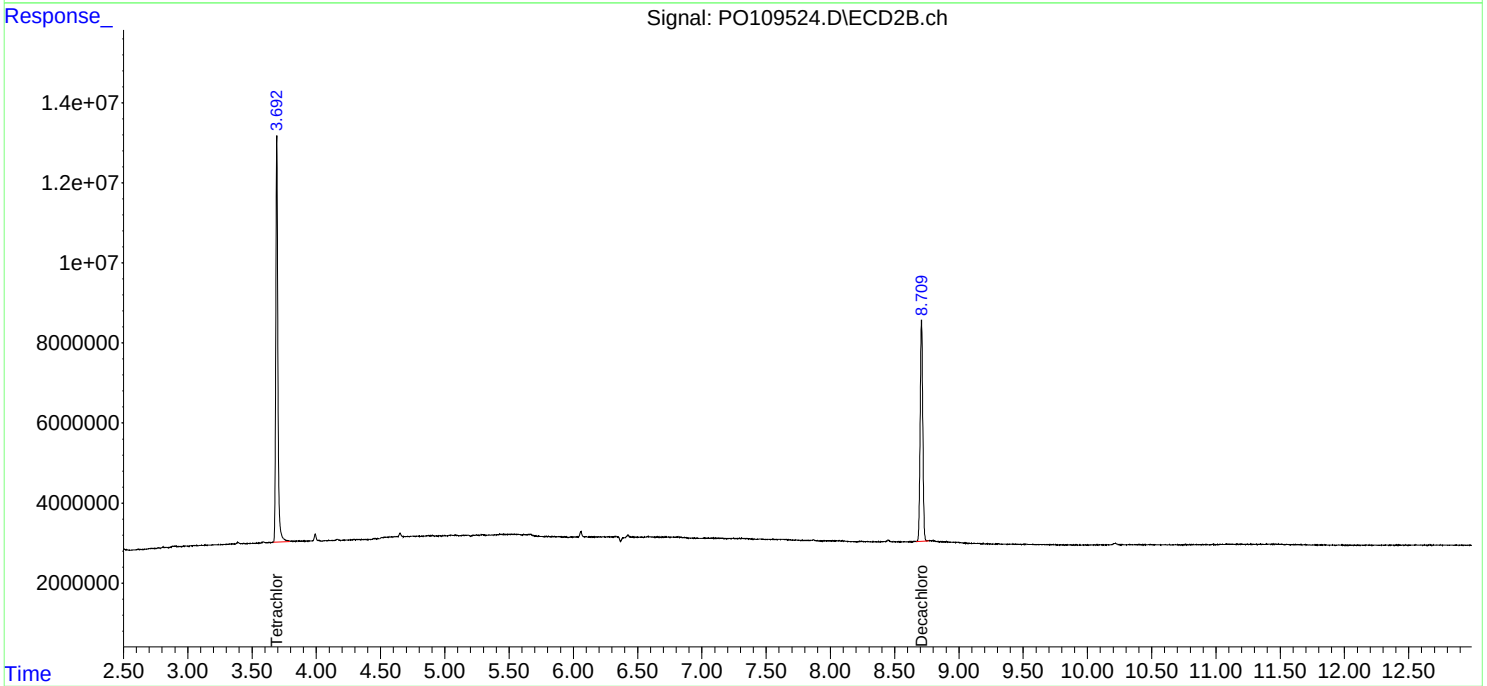
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 13:16
Operator : YP/AJ
Sample : PB166892BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

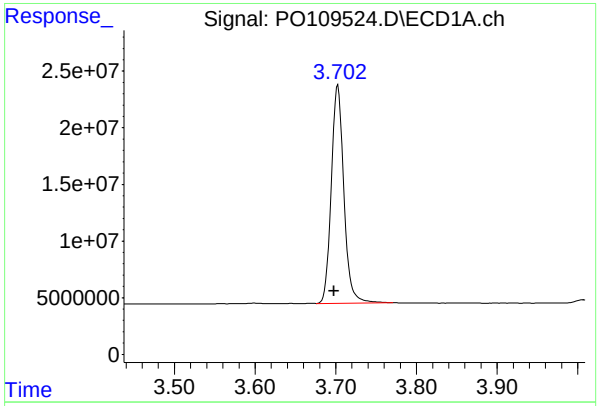
Instrument :
ECD_O
ClientSampleId :
PB166892BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:37:02 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



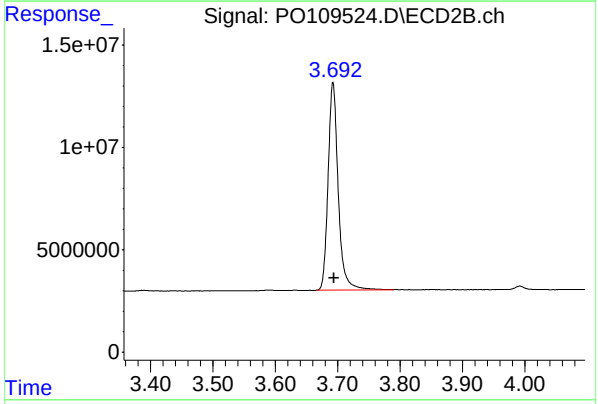




#1 Tetrachloro-m-xylene

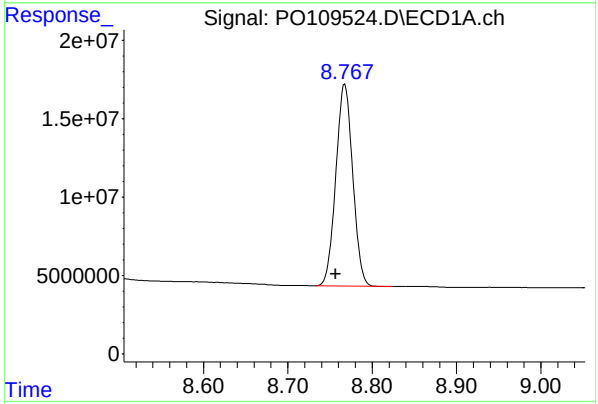
R.T.: 3.703 min
Delta R.T.: 0.005 min
Response: 208301056
Conc: 22.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB166892BL



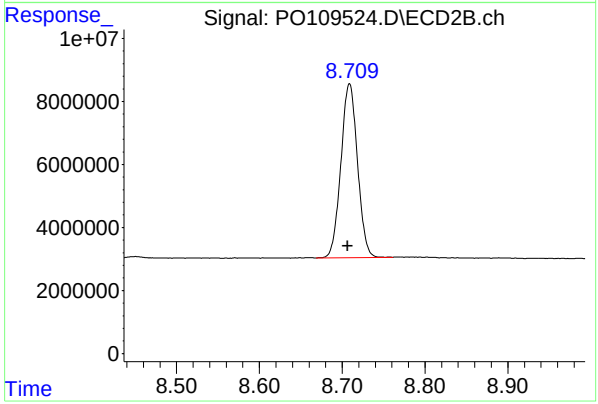
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: -0.001 min
Response: 114789472
Conc: 21.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: 0.011 min
Response: 179158798
Conc: 20.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.709 min
Delta R.T.: 0.002 min
Response: 77049099
Conc: 24.20 ng/ml

Raw Data: **PO109682.D**

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB167022BL	SDG No.:	Q1438
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109682.D**

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 0.50µ Signal #2 Info : 30M x 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.

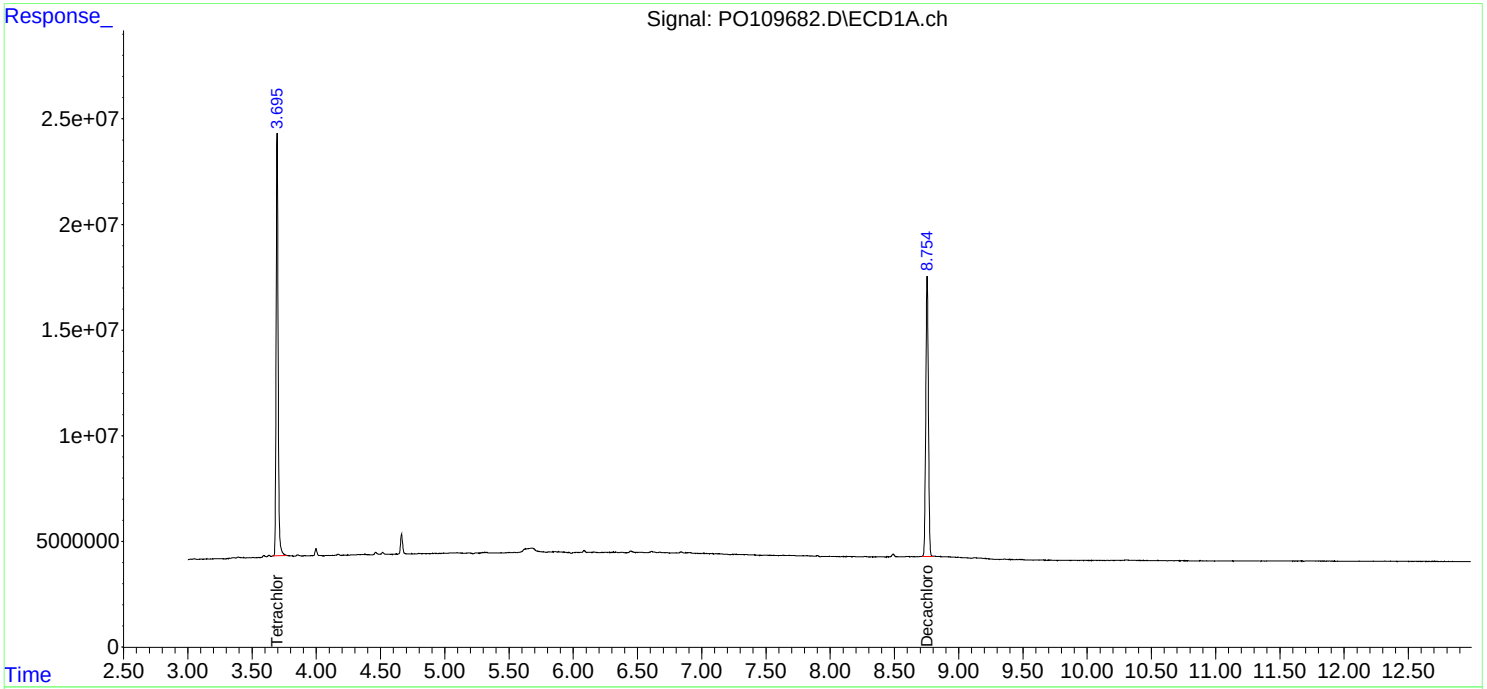
Sample Results: **PO109682.D**

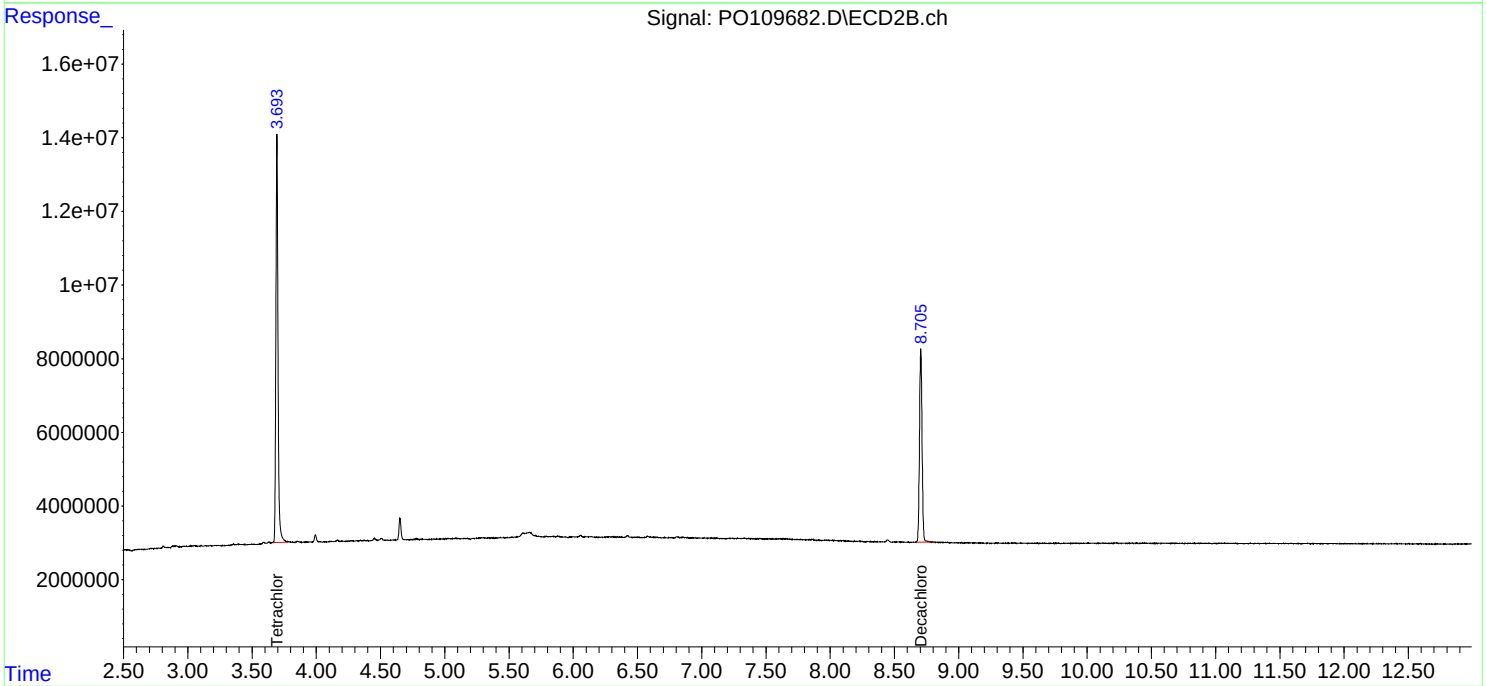
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:28
Operator : YP/AJ
Sample : PB167022BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

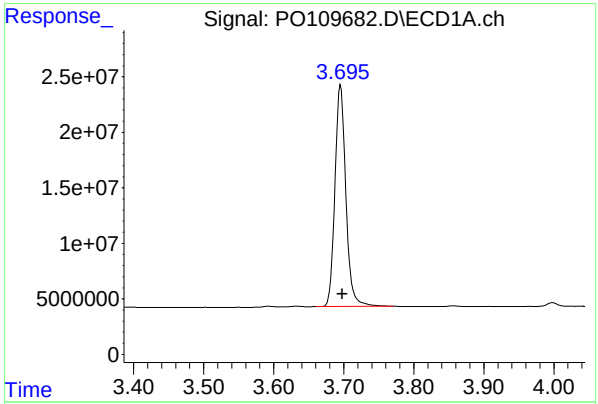
Instrument :
ECD_O
ClientSampleId :
PB167022BL

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



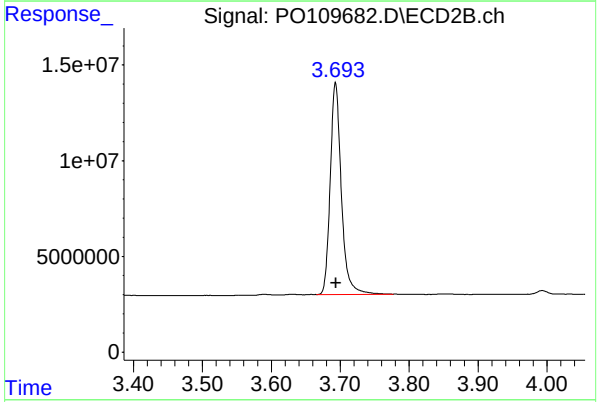




#1 Tetrachloro-m-xylene

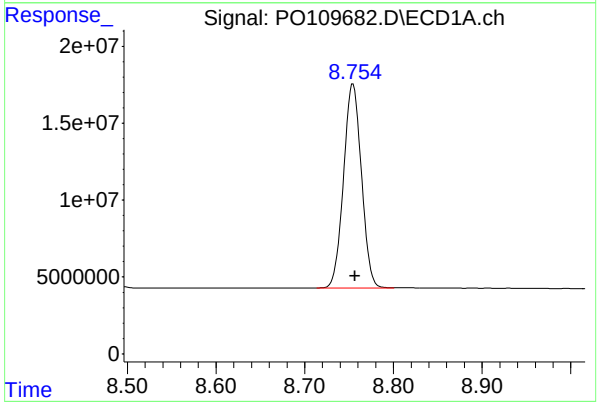
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 215500576
Conc: 22.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167022BL



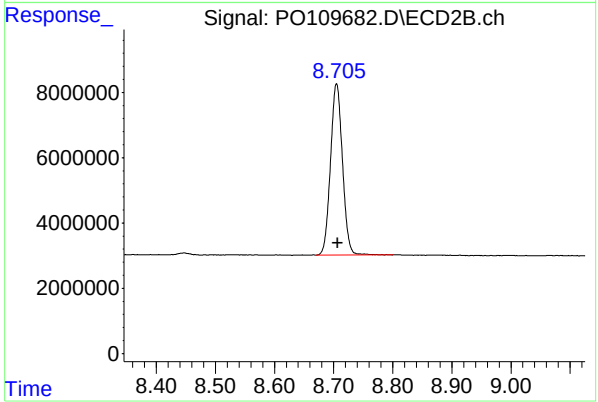
#1 Tetrachloro-m-xylene

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

Raw Data: **PP070354.D**

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB167029BL	SDG No.:	Q1438
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

Sample Results: **PP070354.D**

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.

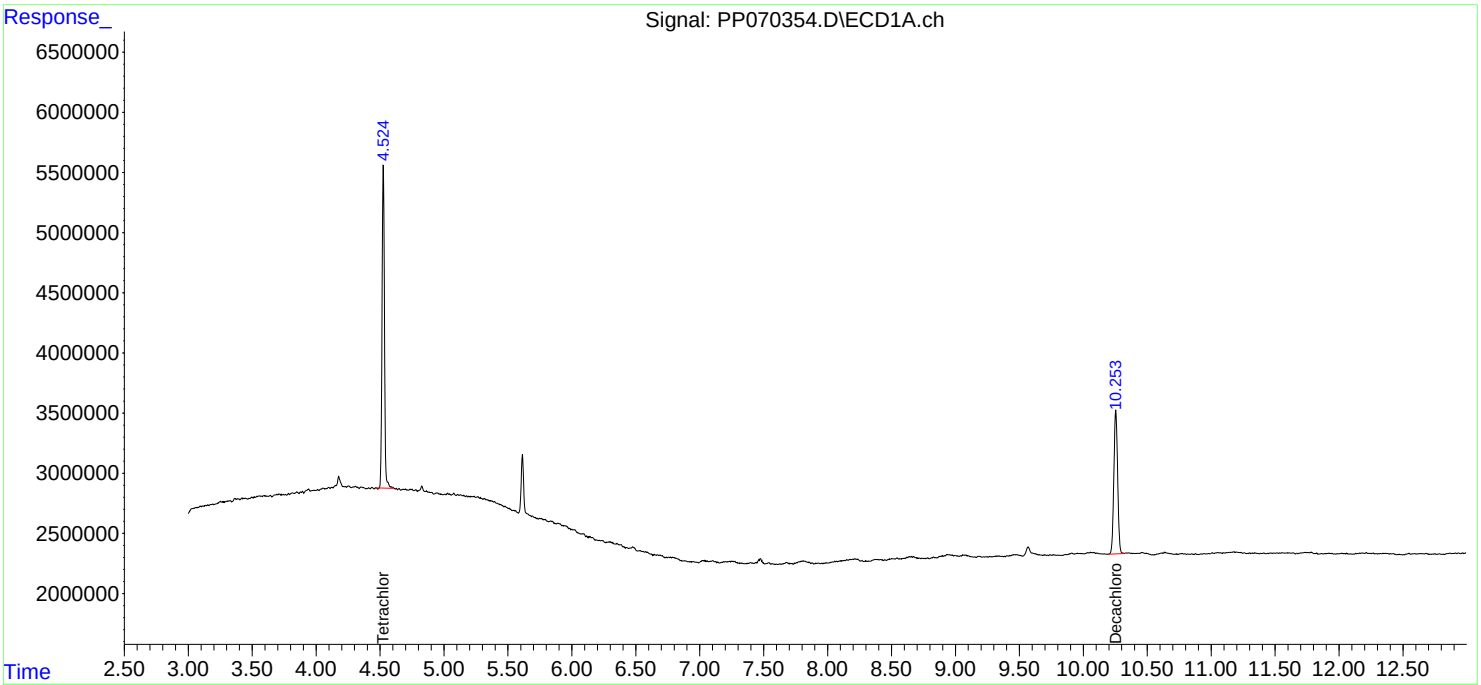
Sample Results: **PP070354.D**

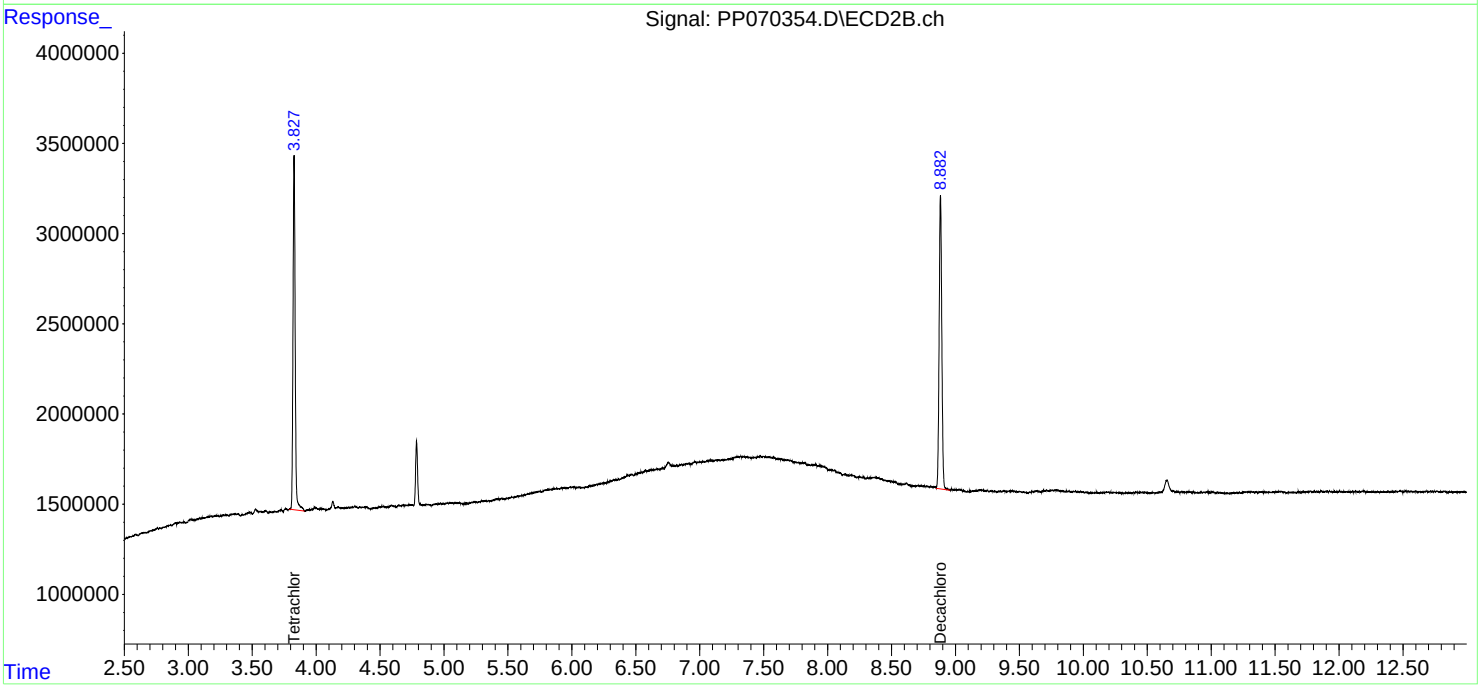
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:41
Operator : YP\AJ
Sample : PB167029BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

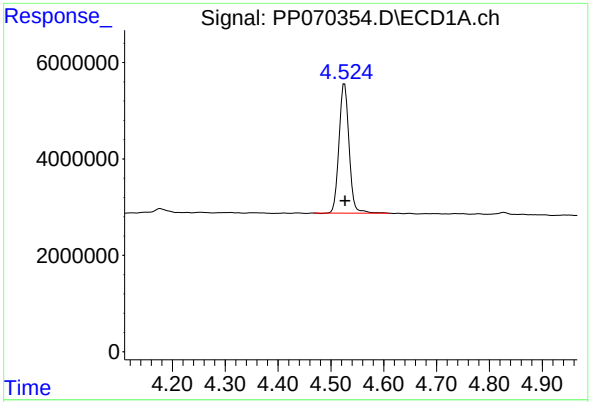
Instrument :
ECD_P
ClientSampleId :
PB167029BL

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



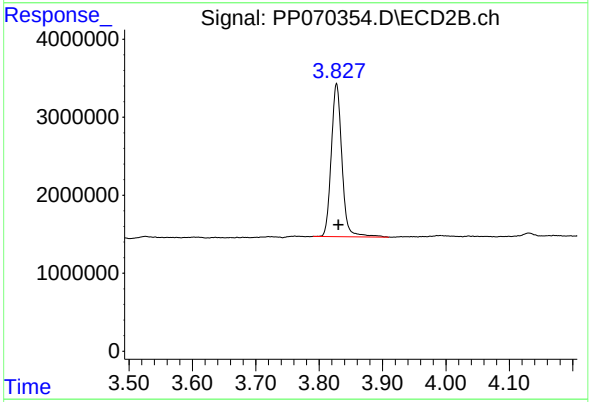




#1 Tetrachloro-m-xylene

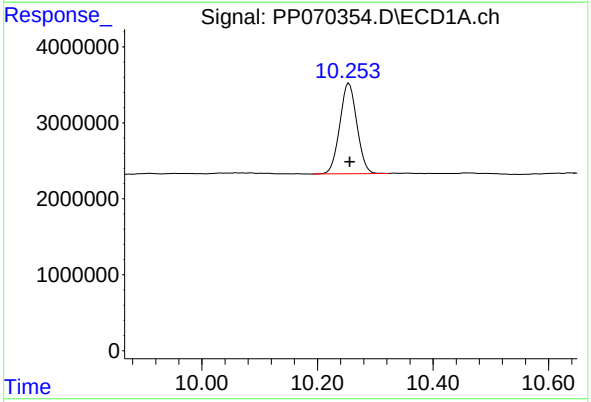
R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 35502642
Conc: 24.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167029BL



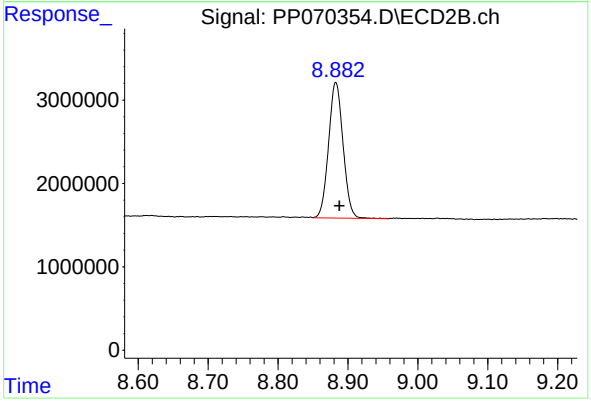
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109425.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PO109425.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
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109425.D**

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						

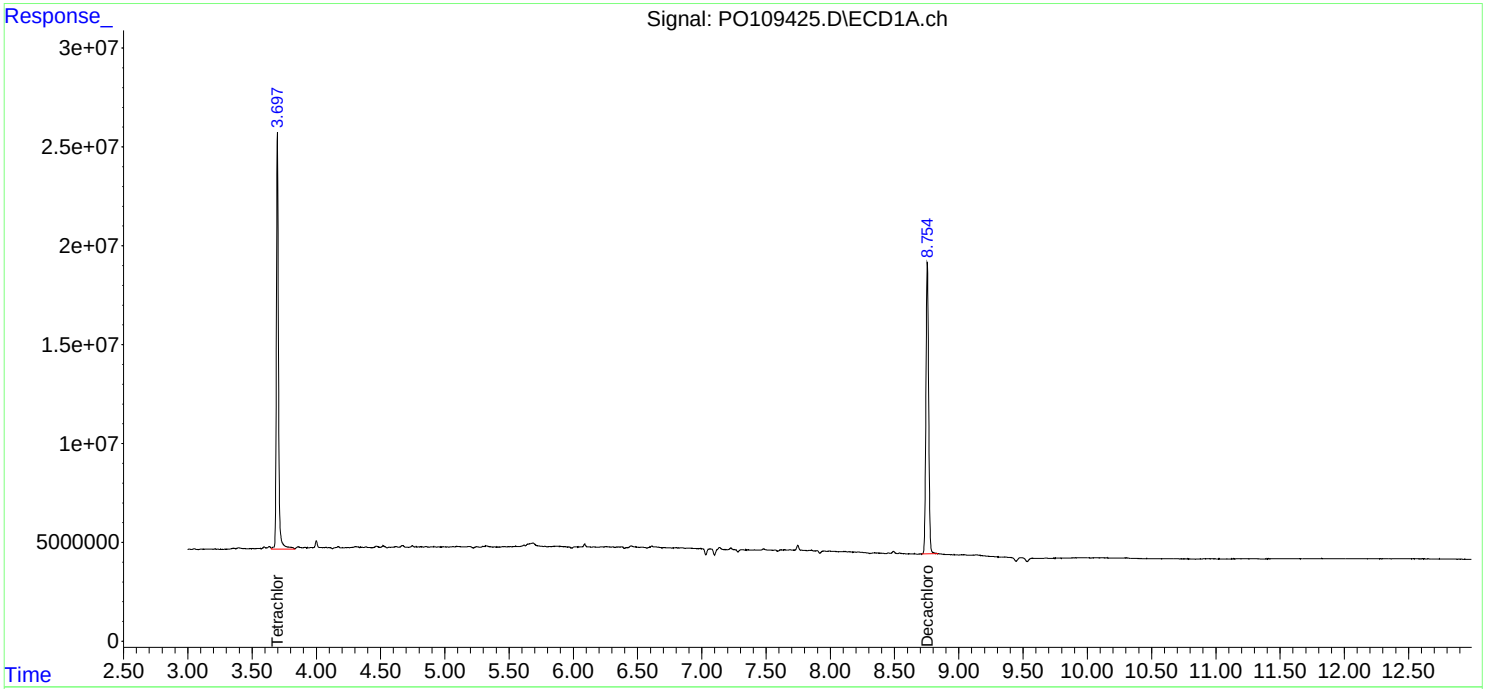
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

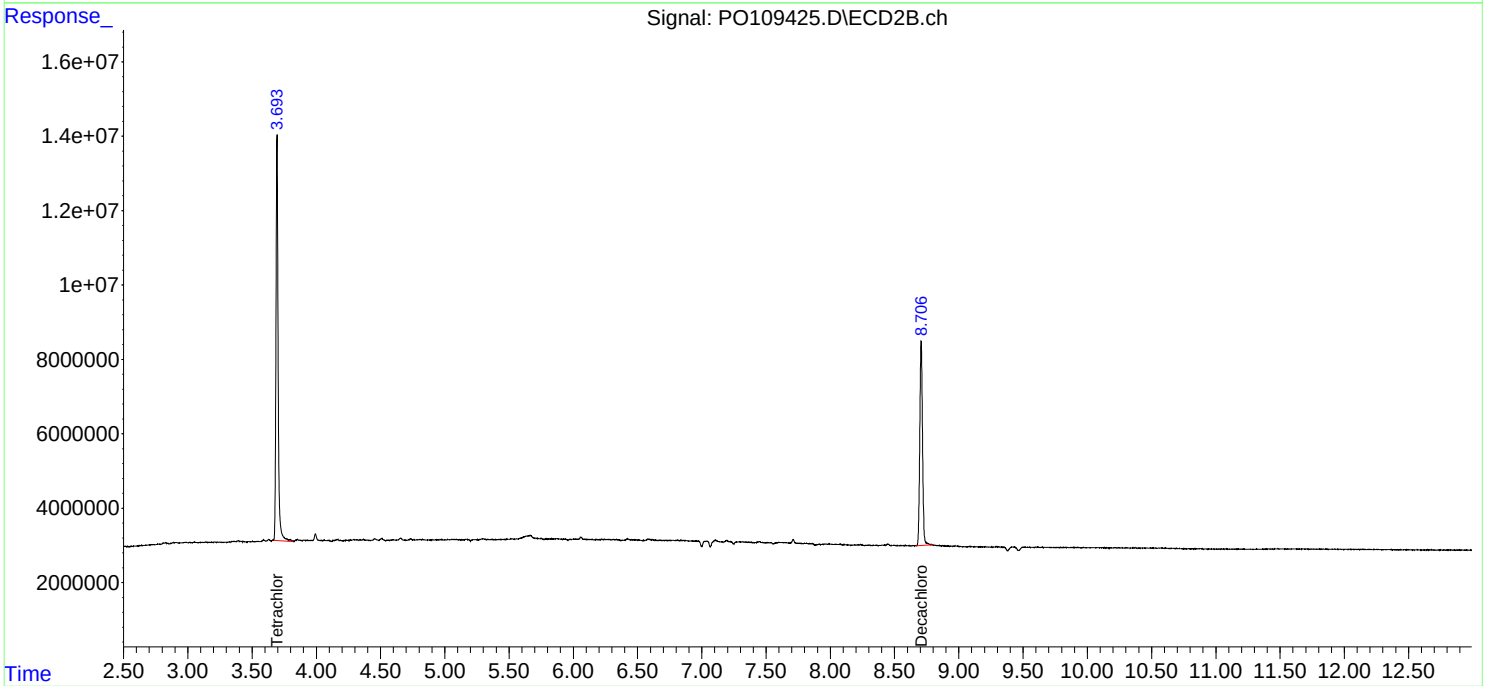
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

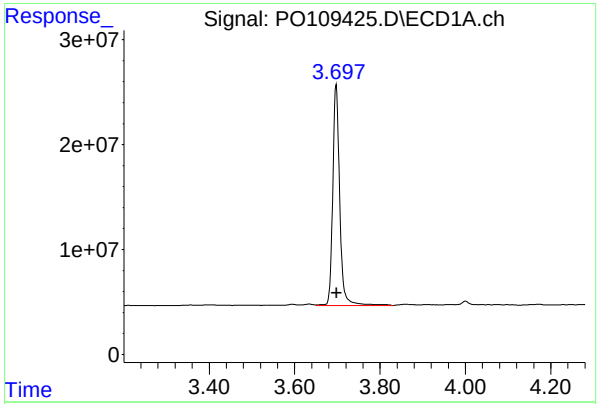
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



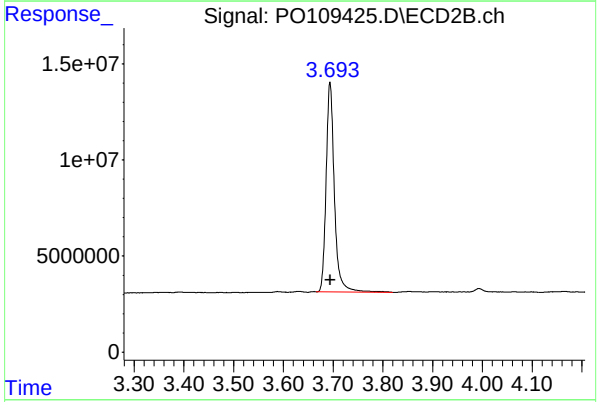




#1 Tetrachloro-m-xylene

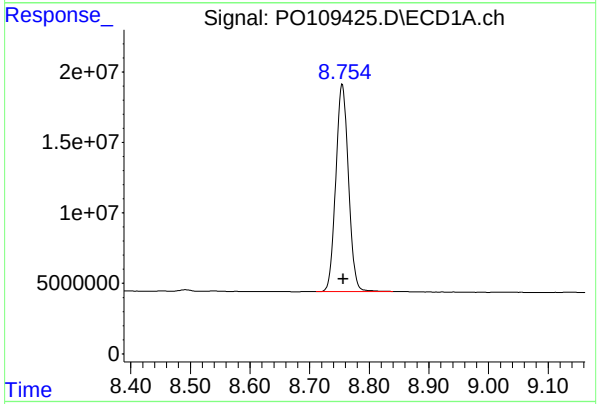
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 238952889
Conc: 25.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



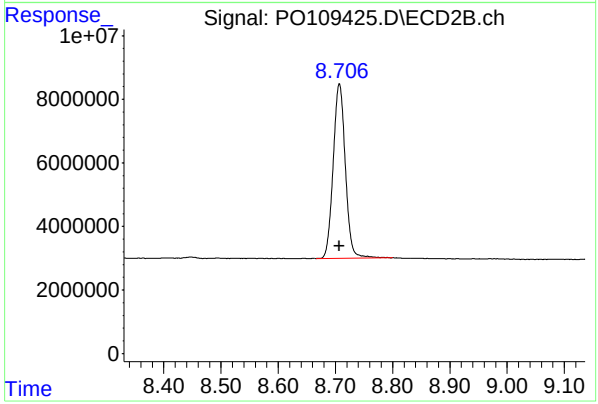
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109522.D**

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

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-PO109522.D	SDG No.:	Q1438
Lab Sample ID:	I.BLK-PO109522.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
PO109522.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	16.1		60 - 140	80%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO109522.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 11:45
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 27 15:35:40 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...	3.697	3.693	151.9E6	88359198	16.051	16.881
2)	SA Decachlor...	8.754	8.705	133.8E6	56414490	15.555	17.717
	Target Compounds						

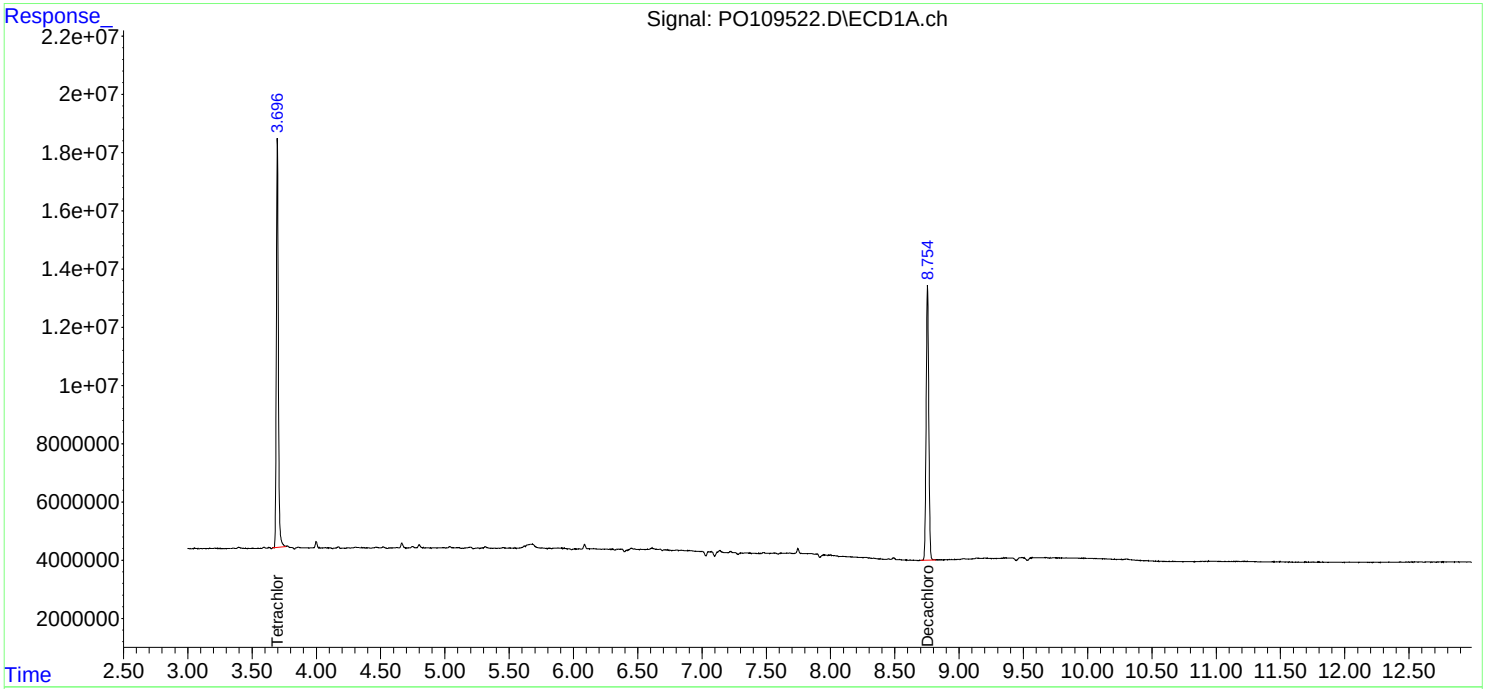
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

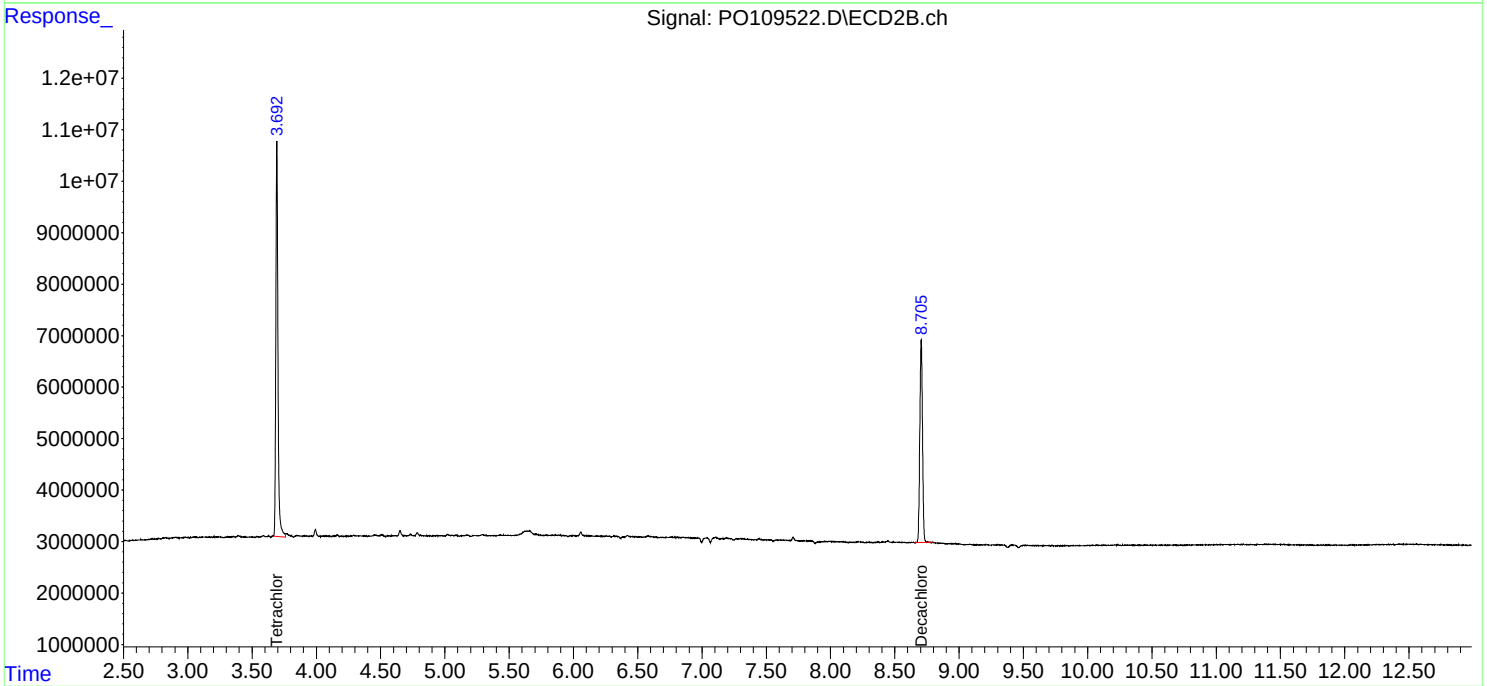
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 11:45
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

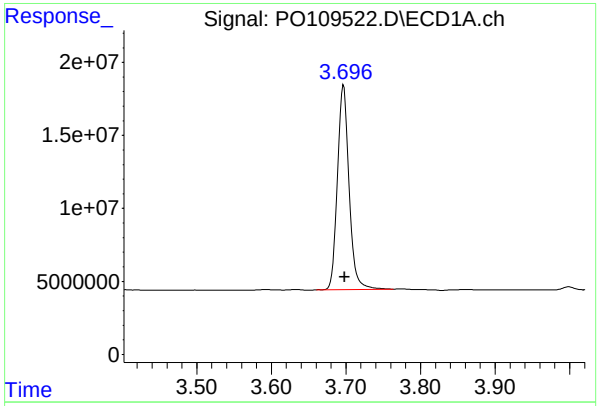
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:35:40 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



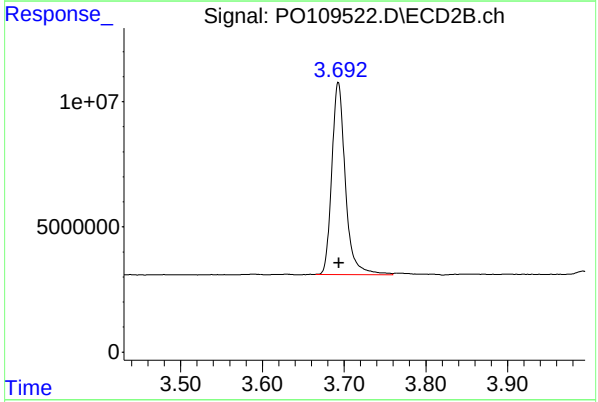




#1 Tetrachloro-m-xylene

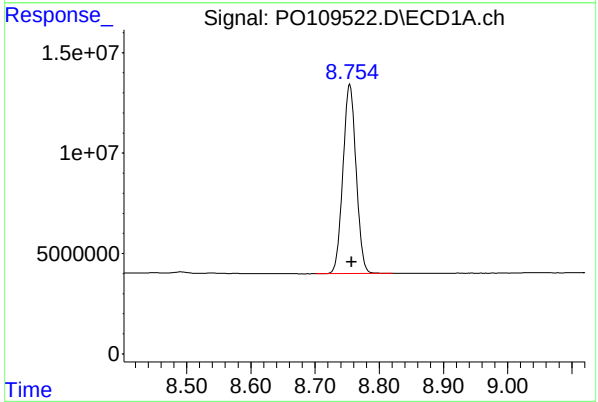
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 151922911
Conc: 16.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



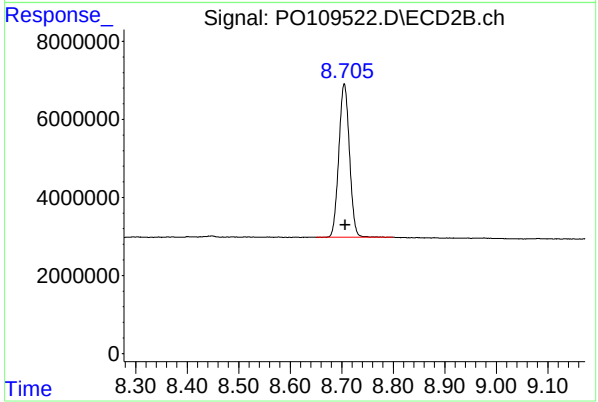
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 88359198
Conc: 16.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 133803803
Conc: 15.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 56414490
Conc: 17.72 ng/ml

Raw Data: **PO109537.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PO109537.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
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109537.D**

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						

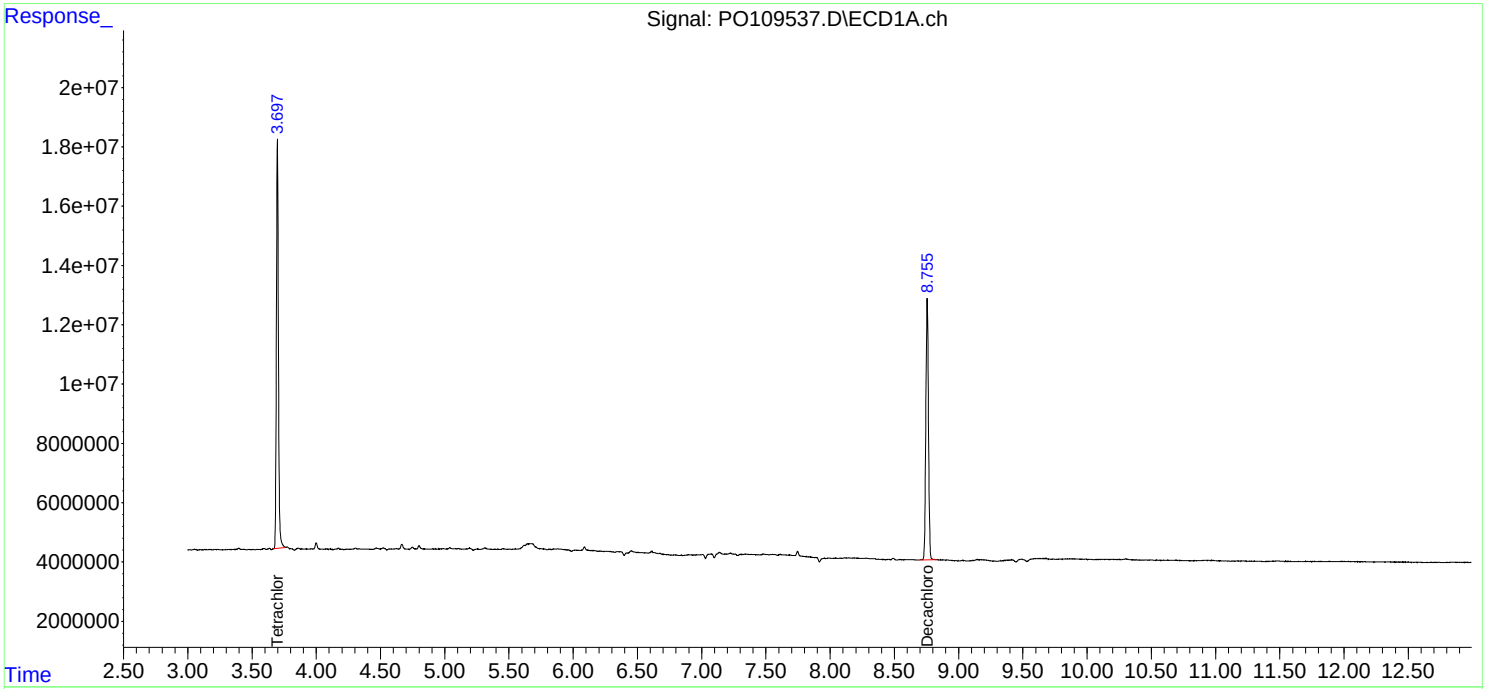
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

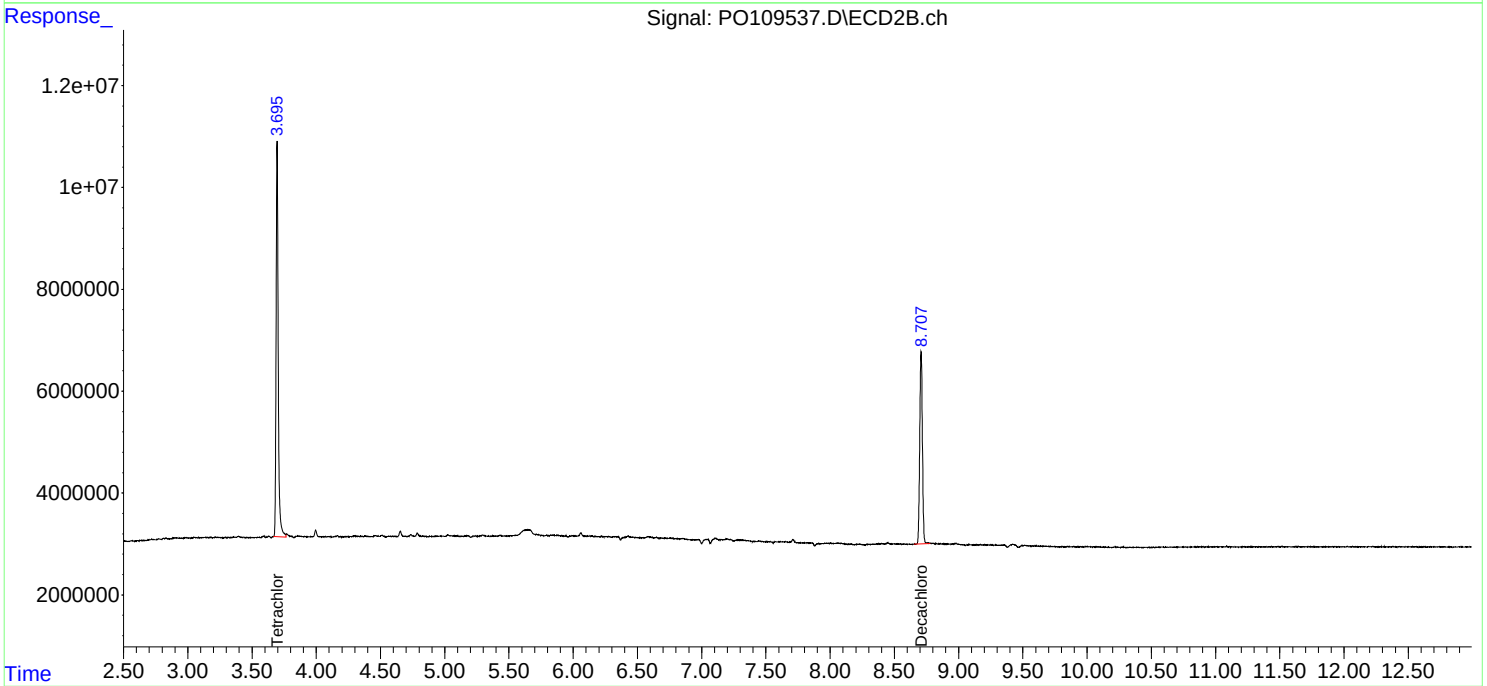
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 20:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

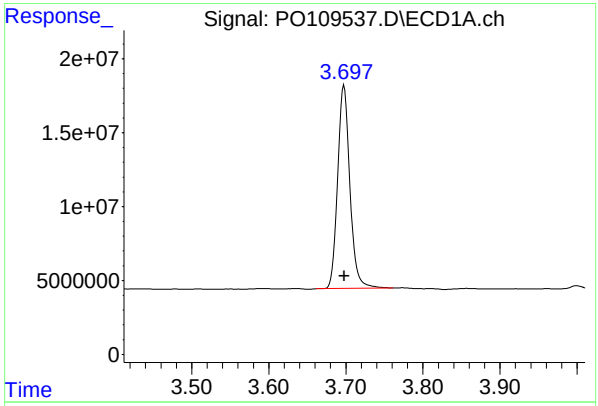
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



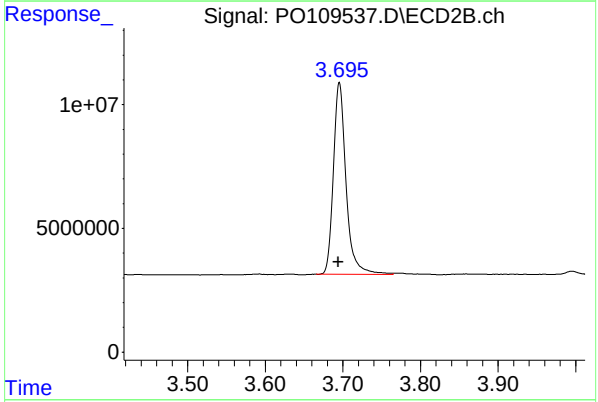




#1 Tetrachloro-m-xylene

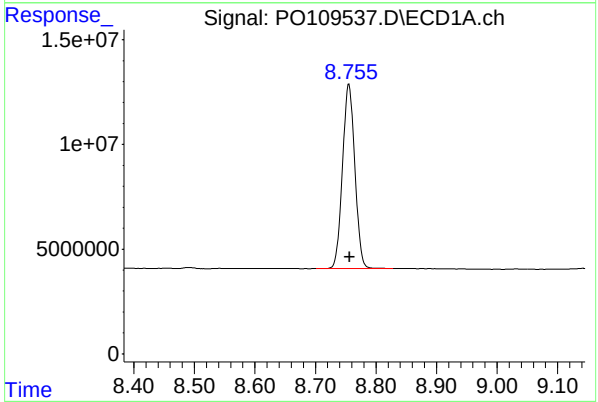
R.T.: 3.698 min
Delta R.T.: 0.000 mi
Response: 151460917
Conc: 16.00 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



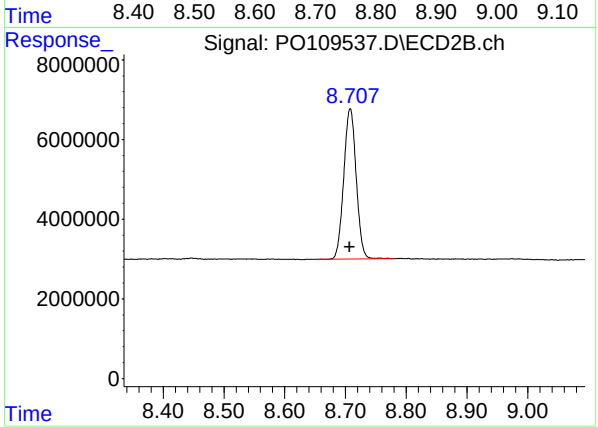
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109552.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PO109552.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
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109552.D**

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						

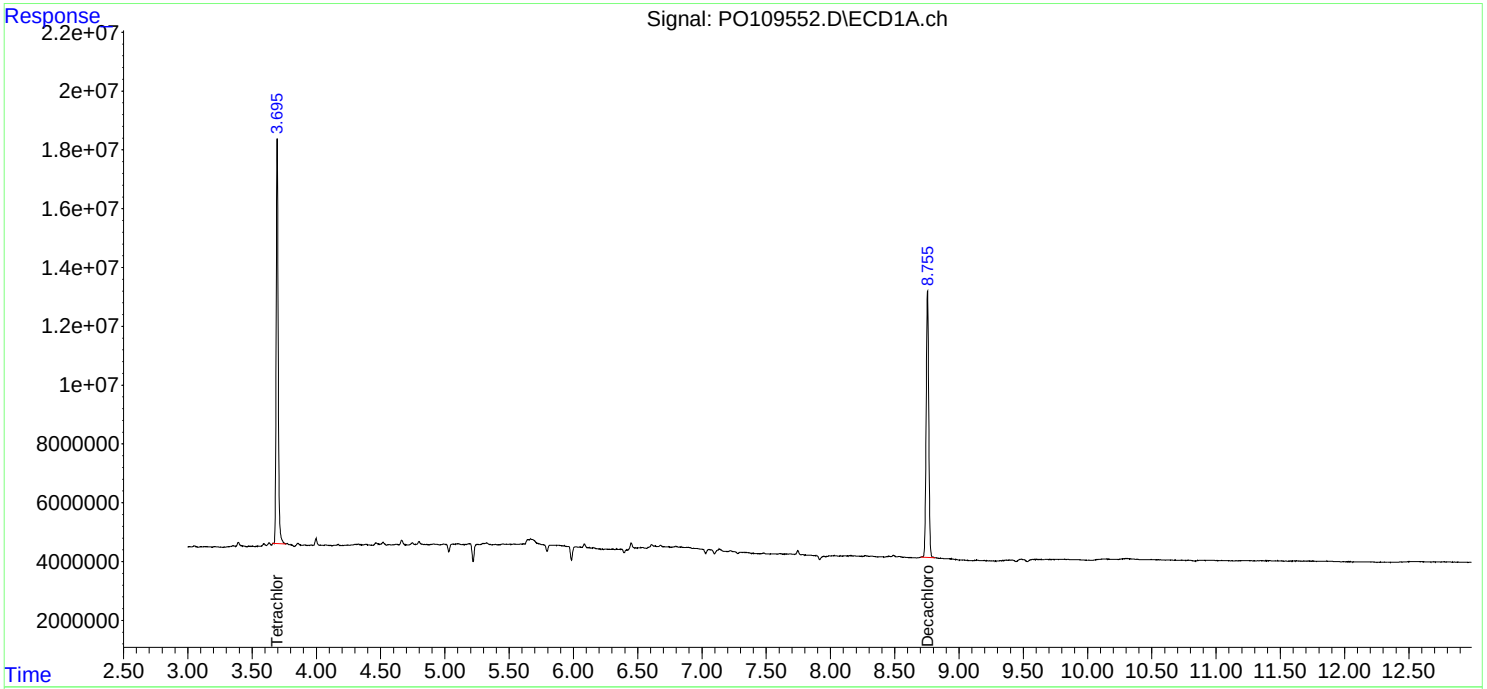
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

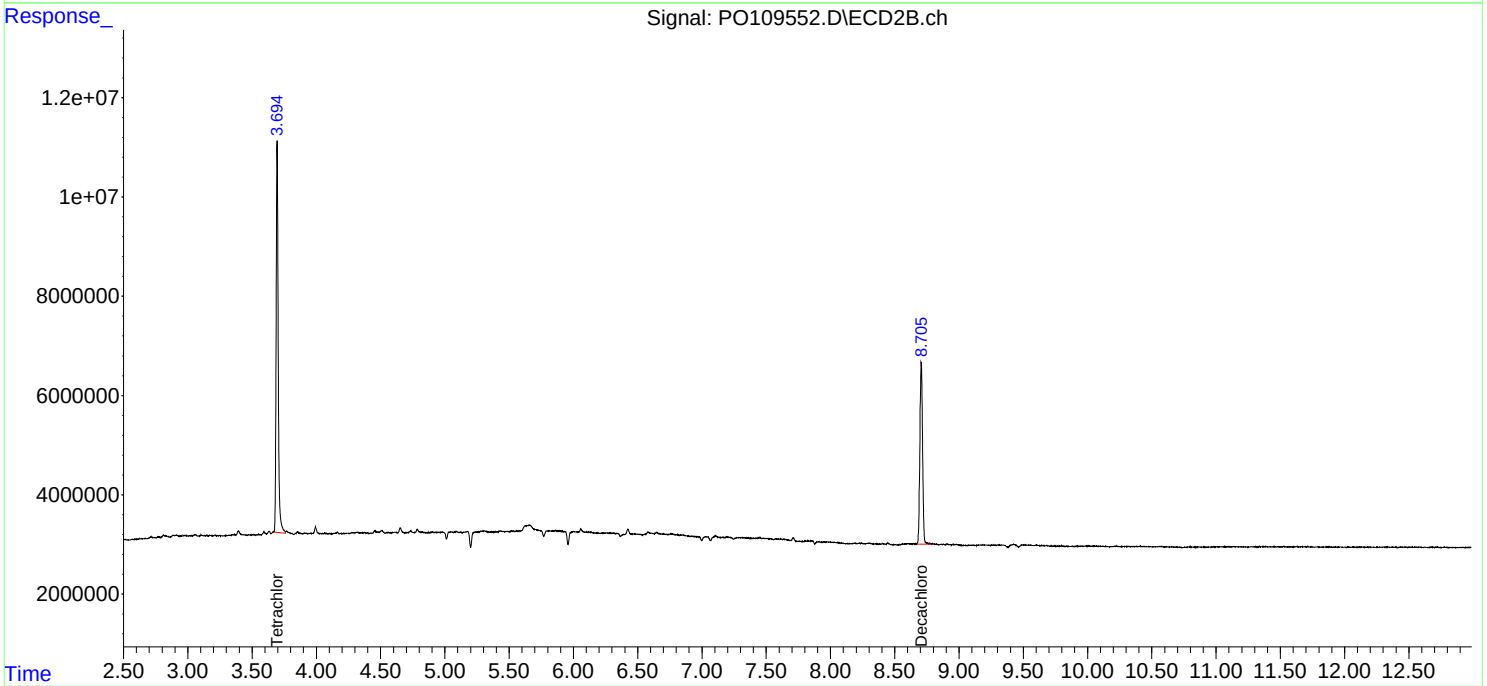
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 01:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

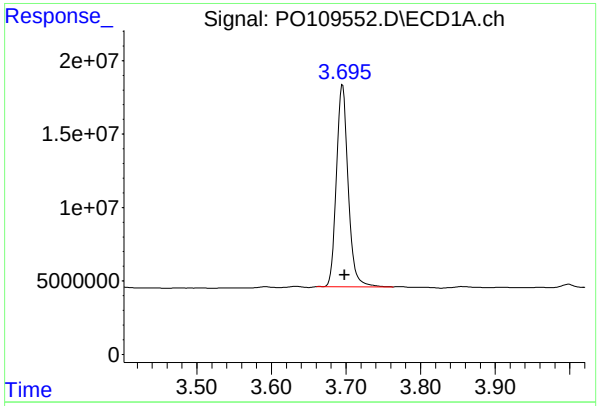
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



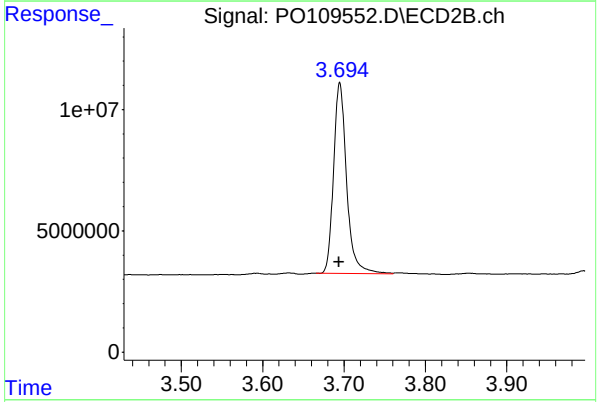




#1 Tetrachloro-m-xylene

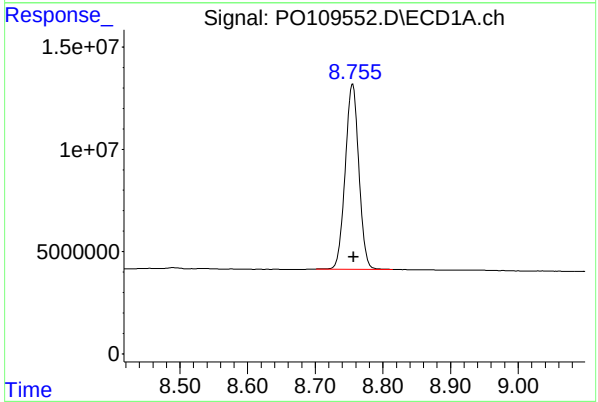
R.T.: 3.695 min
Delta R.T.: -0.003 mi
Response: 150288092
Conc: 15.88 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



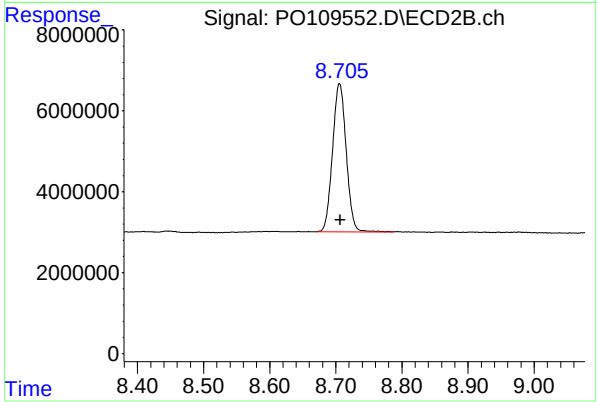
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109580.D**

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

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-PO109580.D	SDG No.:	Q1438
Lab Sample ID:	I.BLK-PO109580.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
PO109580.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	16.6		60 - 140	83%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO109580.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 11:16
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 14:11:15 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	156.6E6	92082610	16.549	17.592
2)	SA Decachlor...	8.754	8.705	125.4E6	52322814	14.580	16.432
	Target Compounds						

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

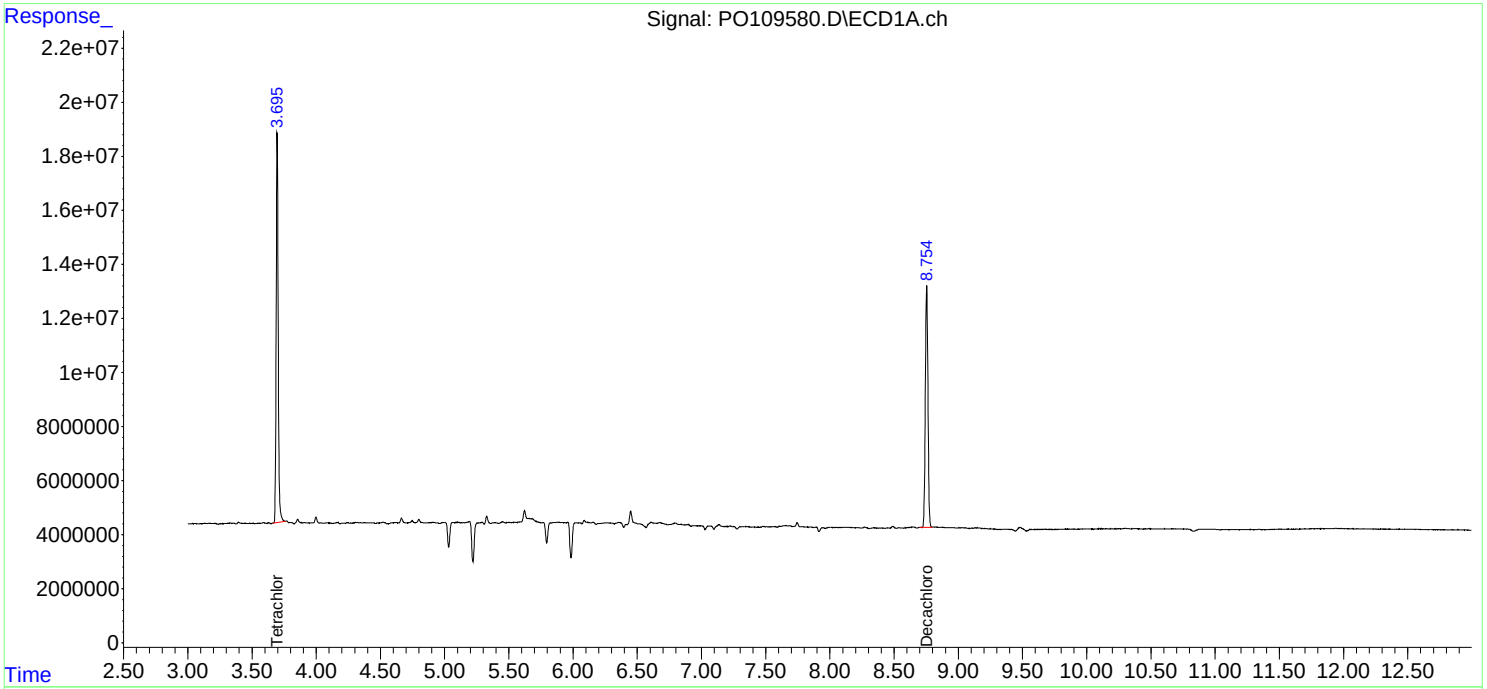
Sample Results: **PO109580.D**

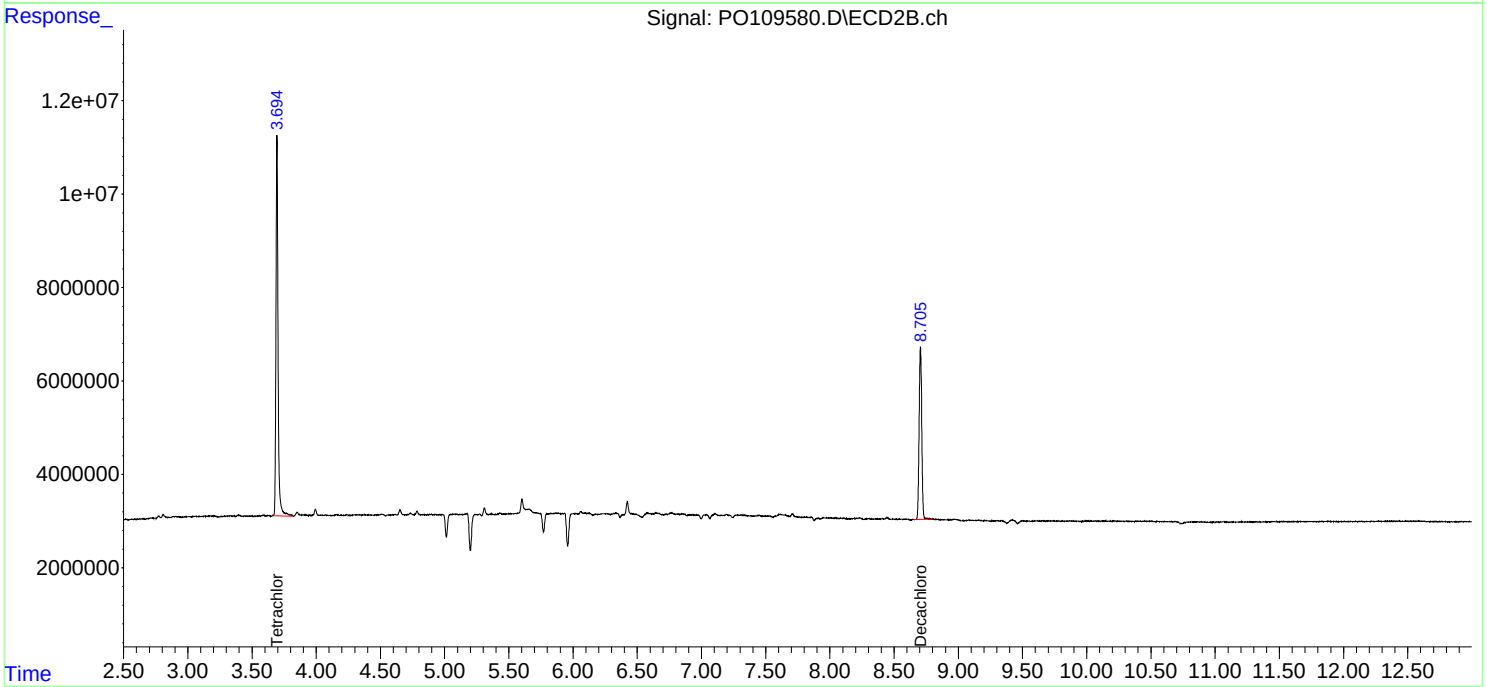
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 11:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

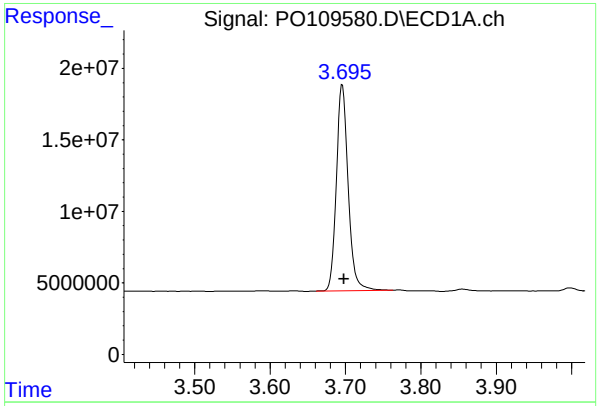
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:11:15 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



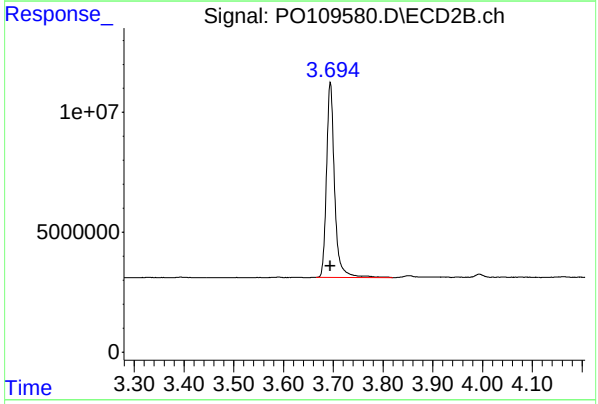




#1 Tetrachloro-m-xylene

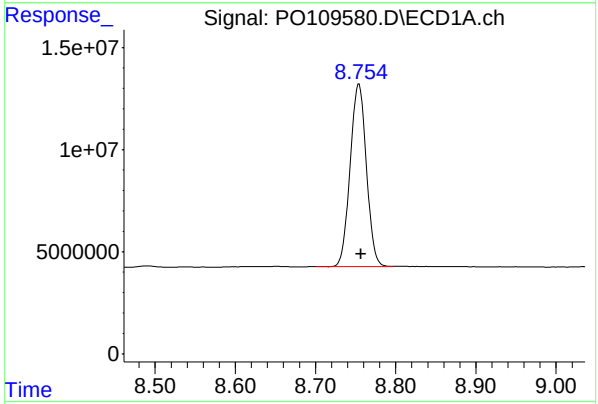
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 156640746
Conc: 16.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



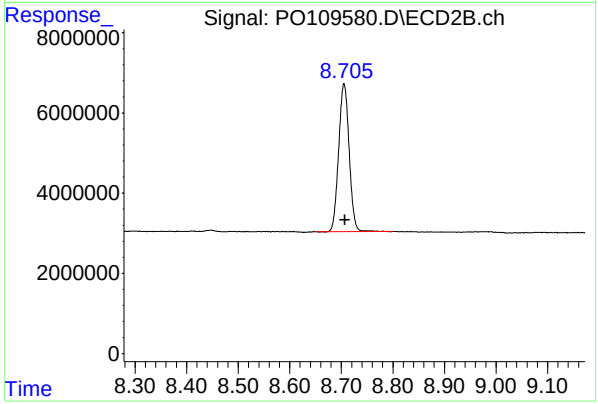
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 92082610
Conc: 17.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 125414328
Conc: 14.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 52322814
Conc: 16.43 ng/ml

Raw Data: **PO109601.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PO109601.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
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109601.D**

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						

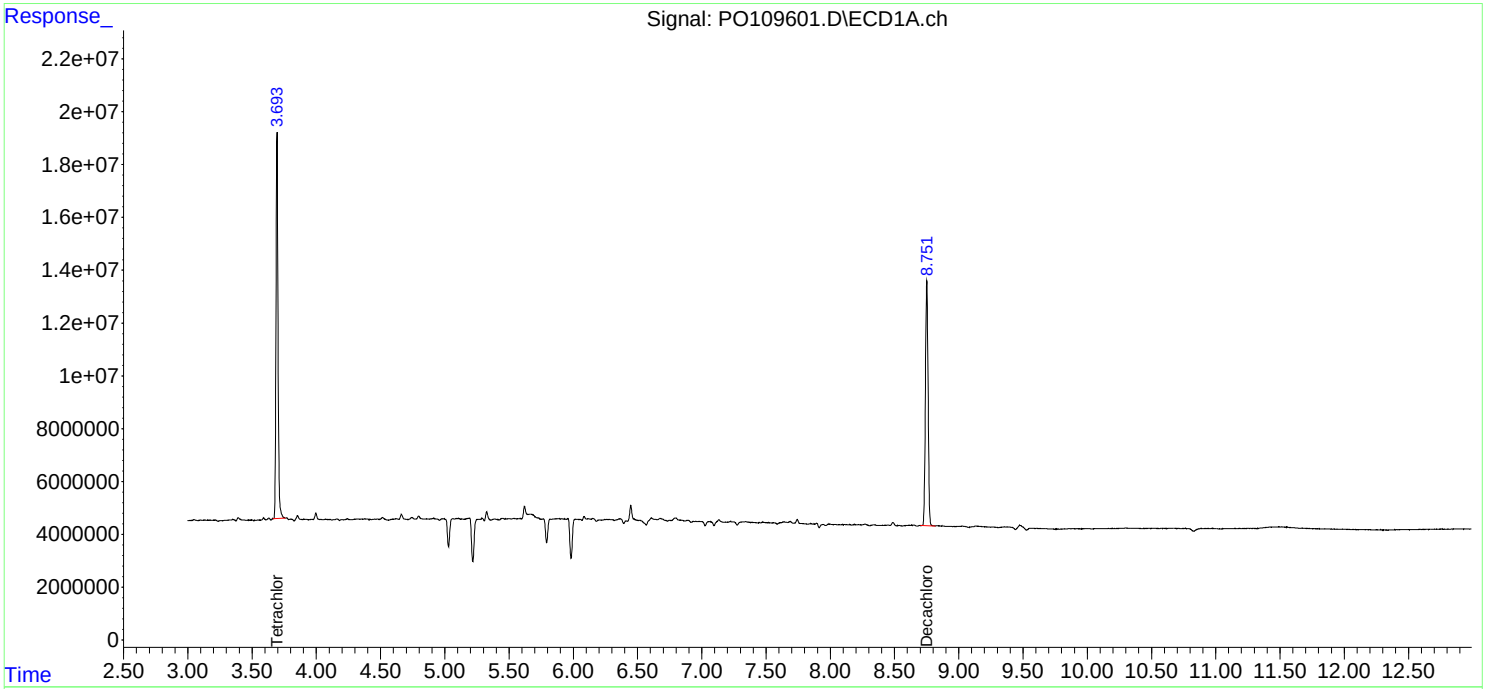
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

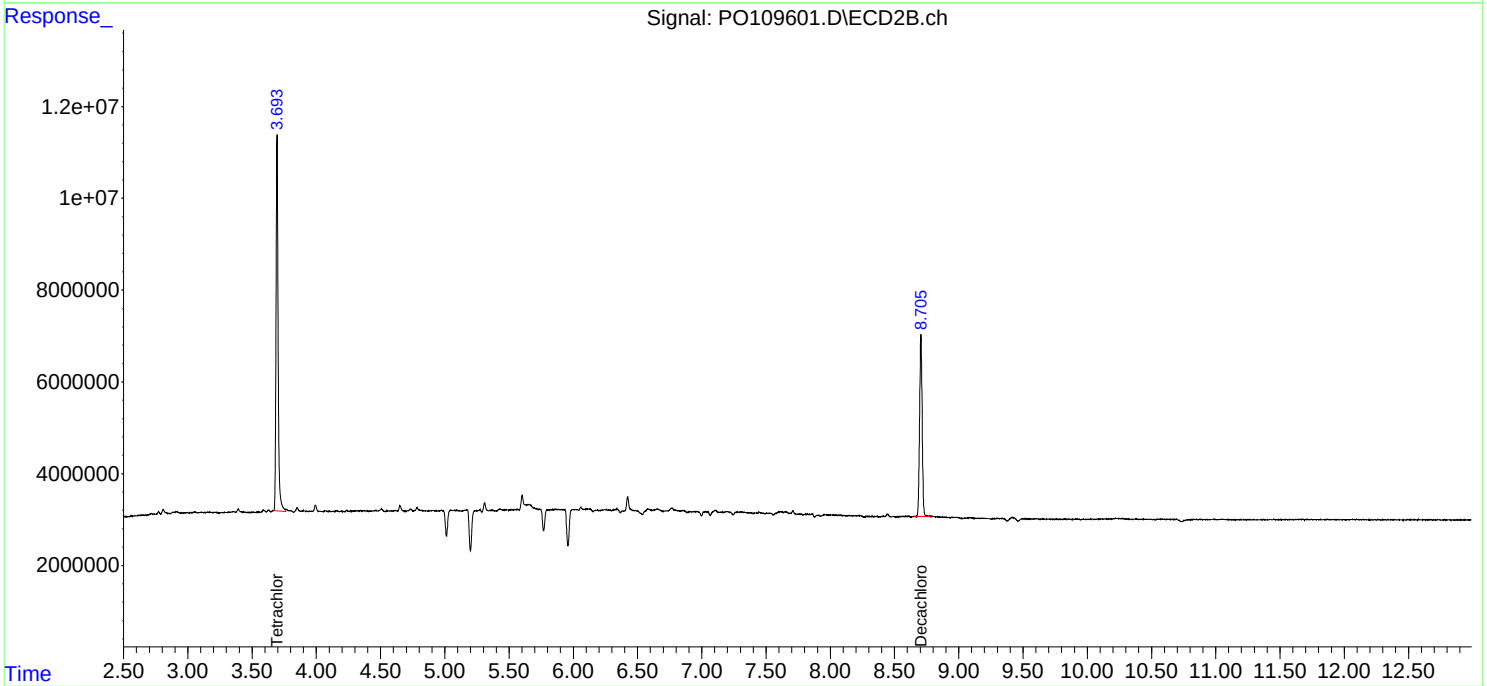
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 19:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

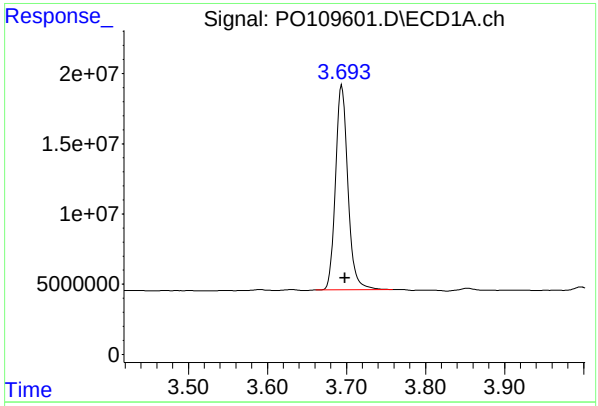
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



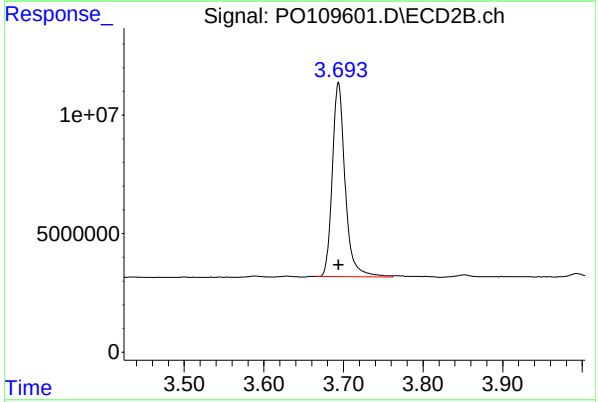




#1 Tetrachloro-m-xylene

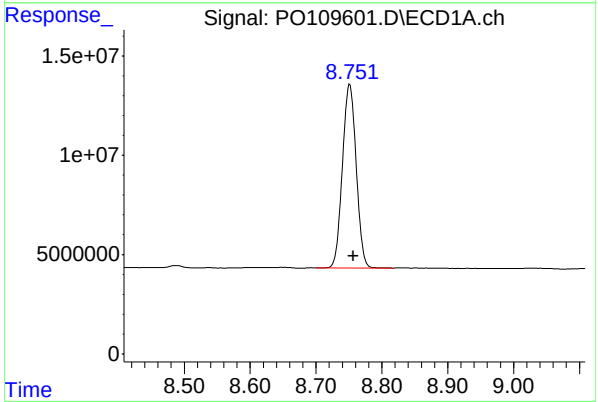
R.T.: 3.694 min
Delta R.T.: -0.004 min
Response: 158585766
Conc: 16.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



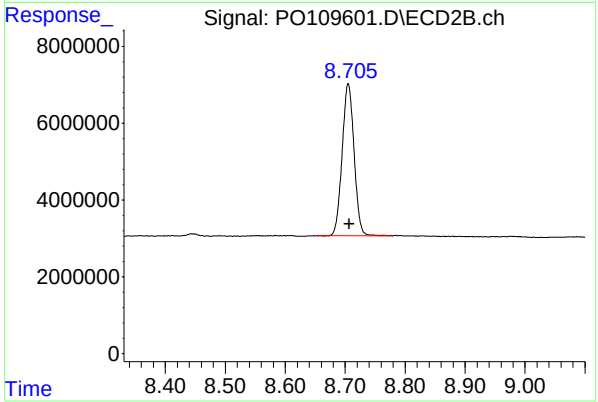
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109666.D**

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

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.:	Q1438
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109666.D**

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

	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						

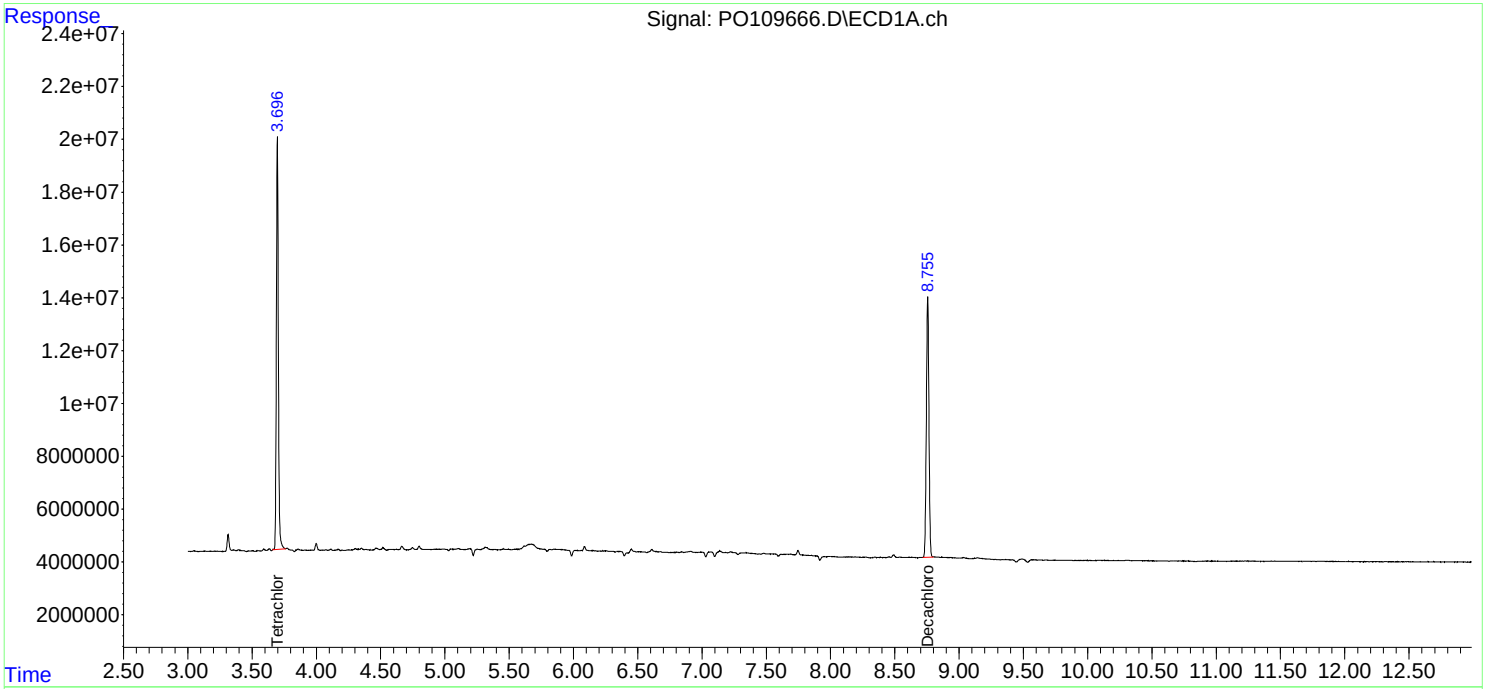
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

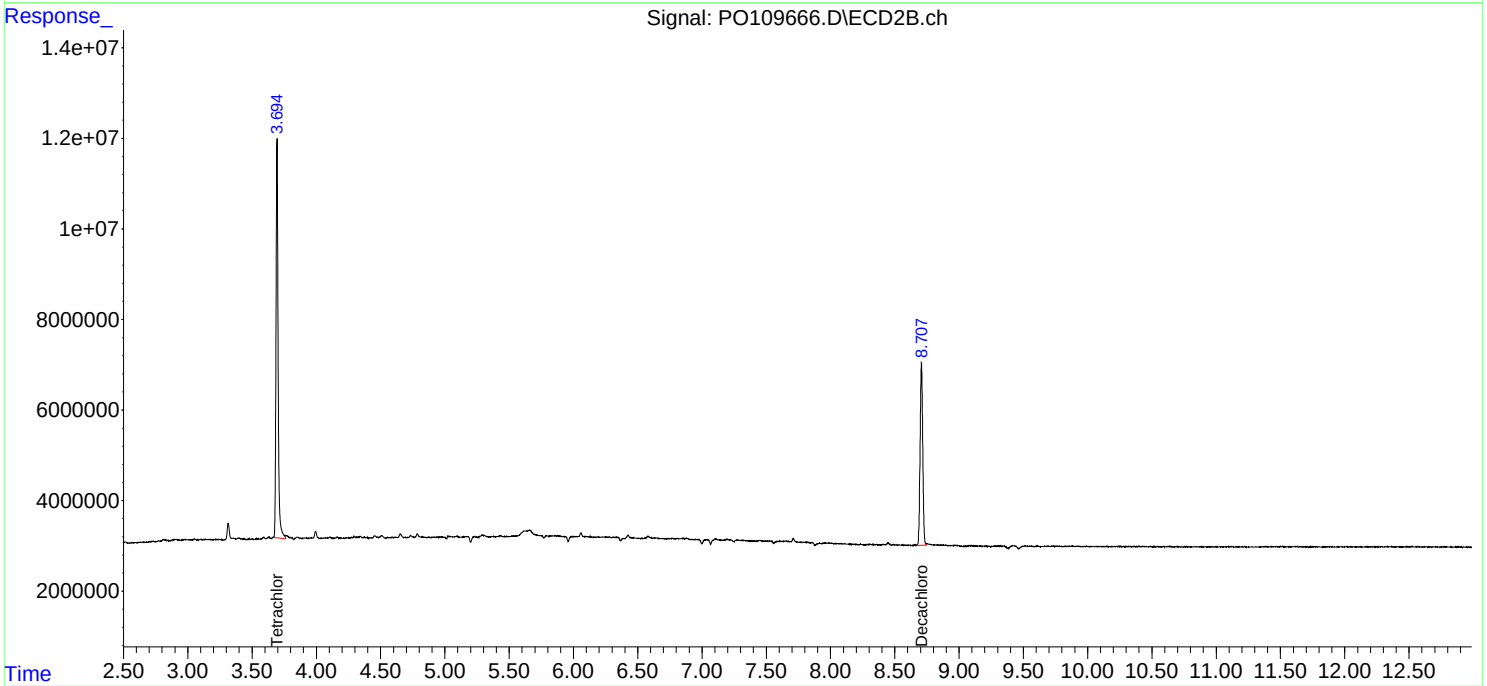
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:01
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

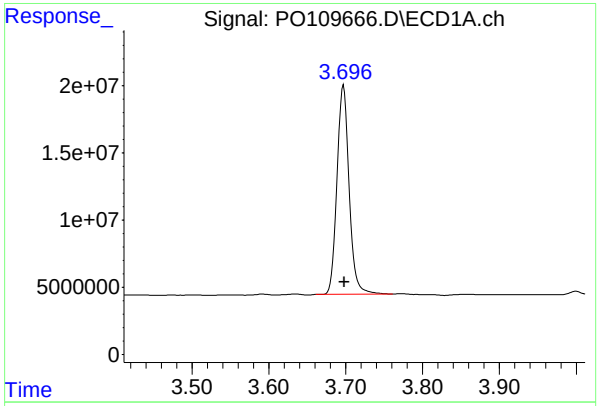
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



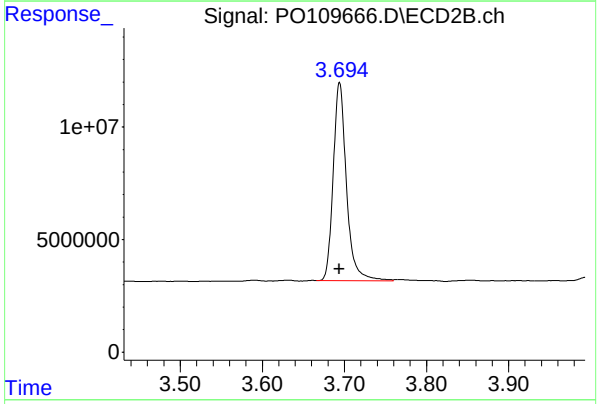




#1 Tetrachloro-m-xylene

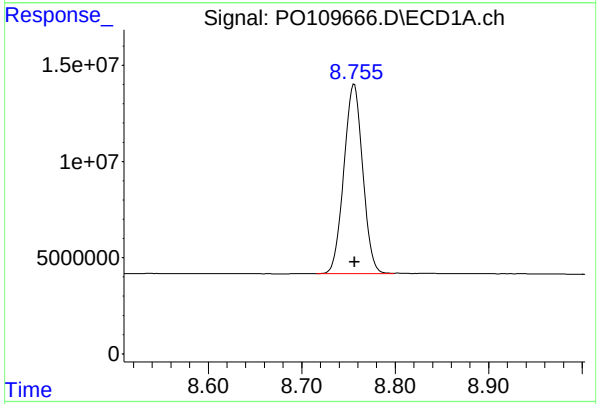
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 167776036
Conc: 17.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



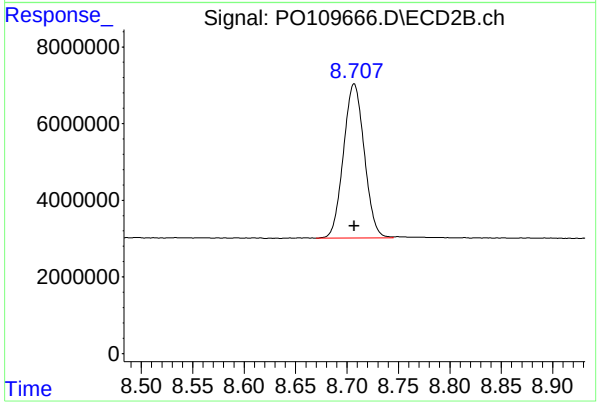
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109681.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PO109681.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
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109681.D**

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

	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						

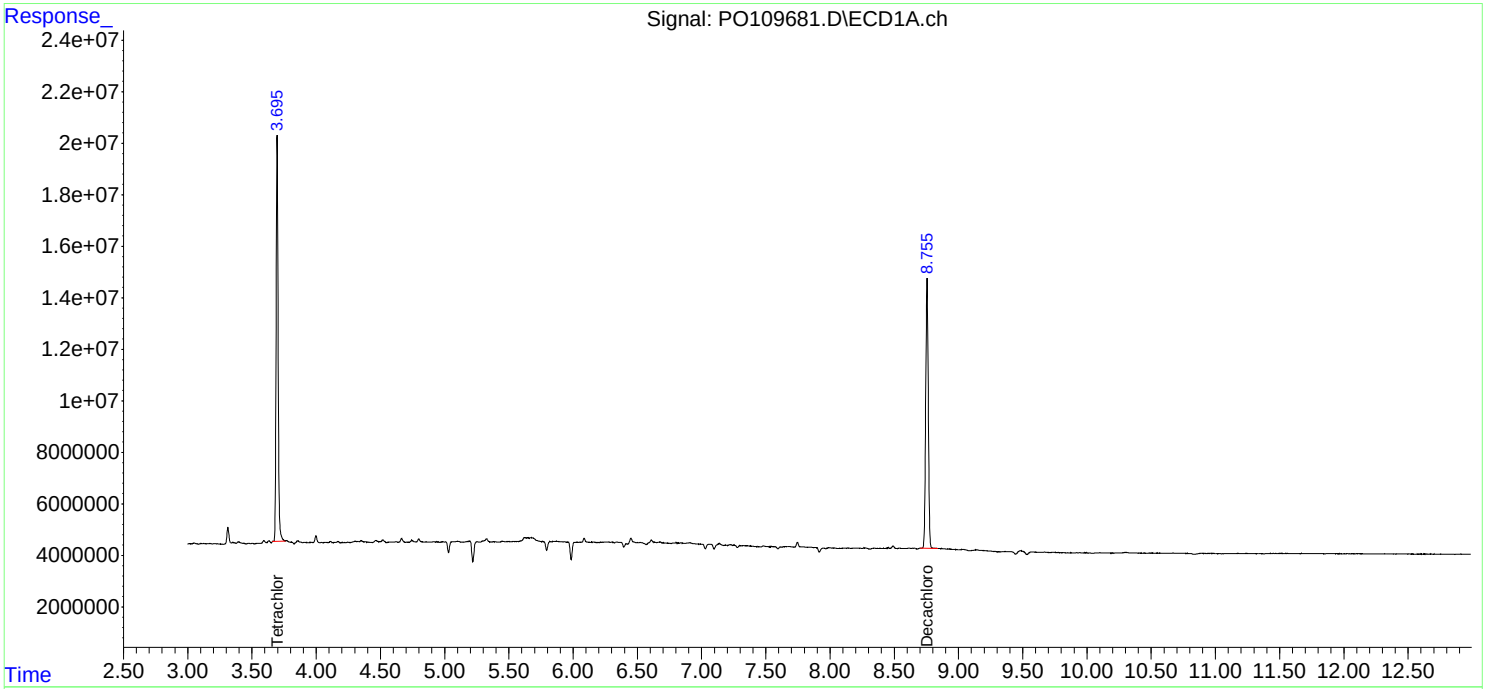
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

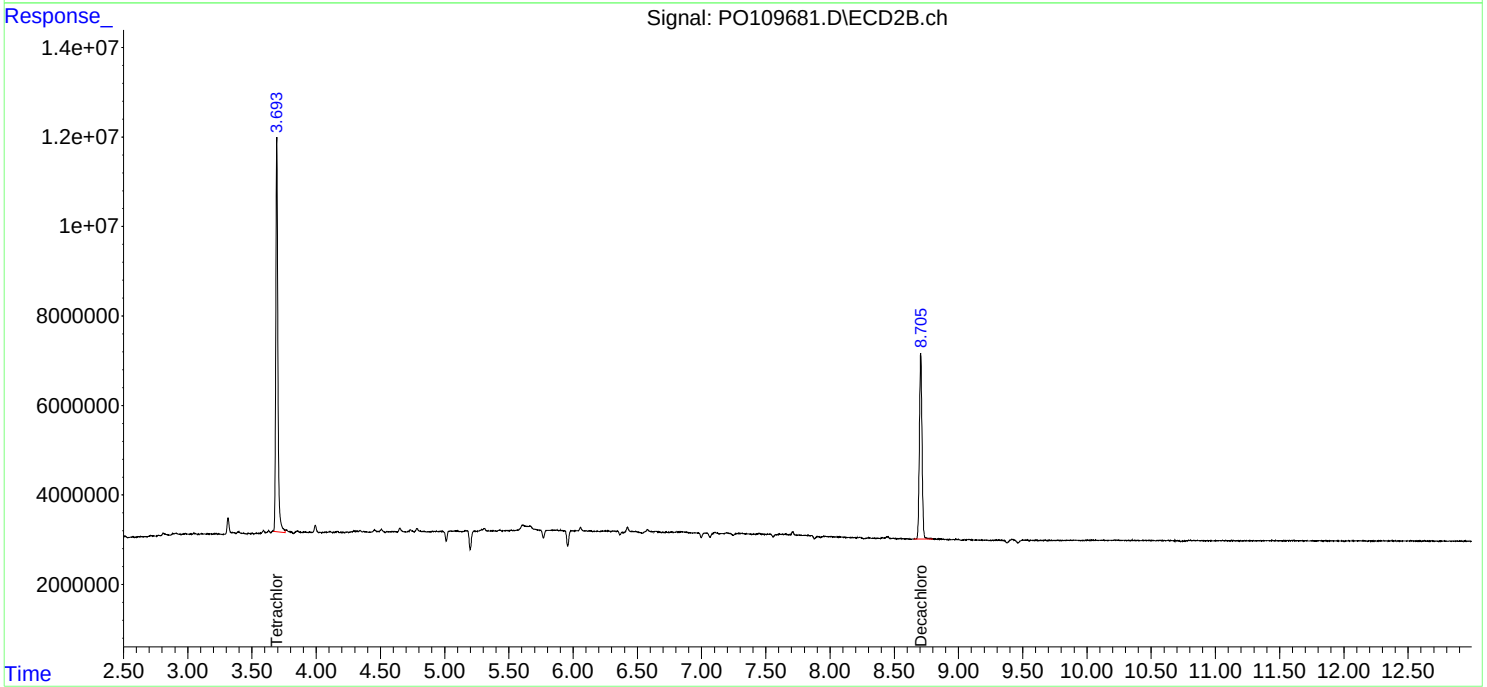
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:09
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

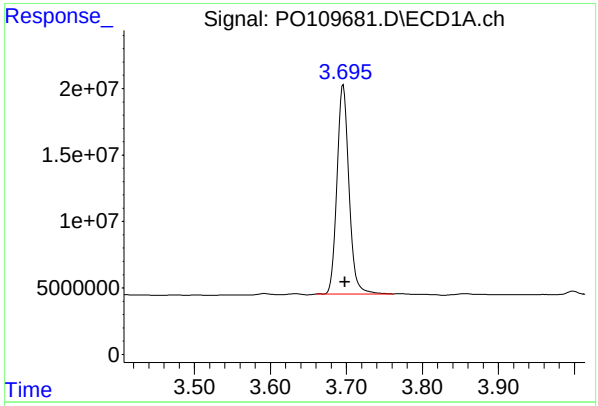
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



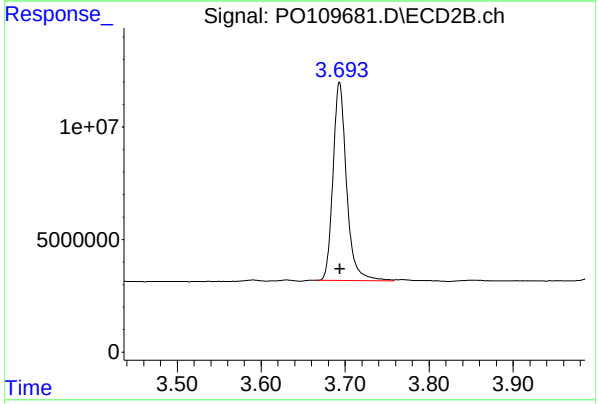




#1 Tetrachloro-m-xylene

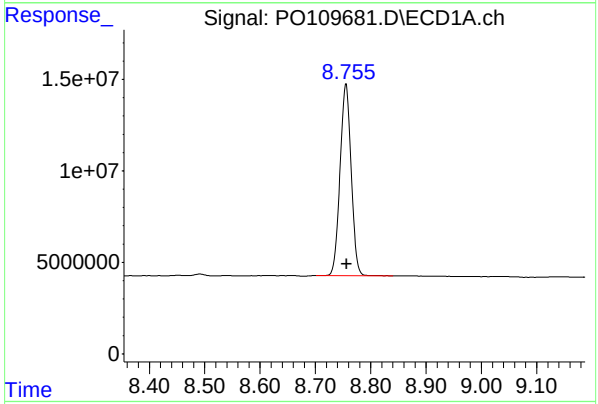
R.T.: 3.696 min
Delta R.T.: -0.002 mi
Response: 170994525
Conc: 18.07 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



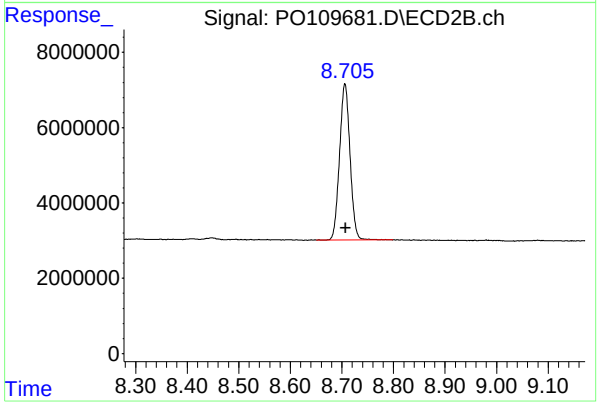
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109696.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PO109696.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
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109696.D**

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

	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						

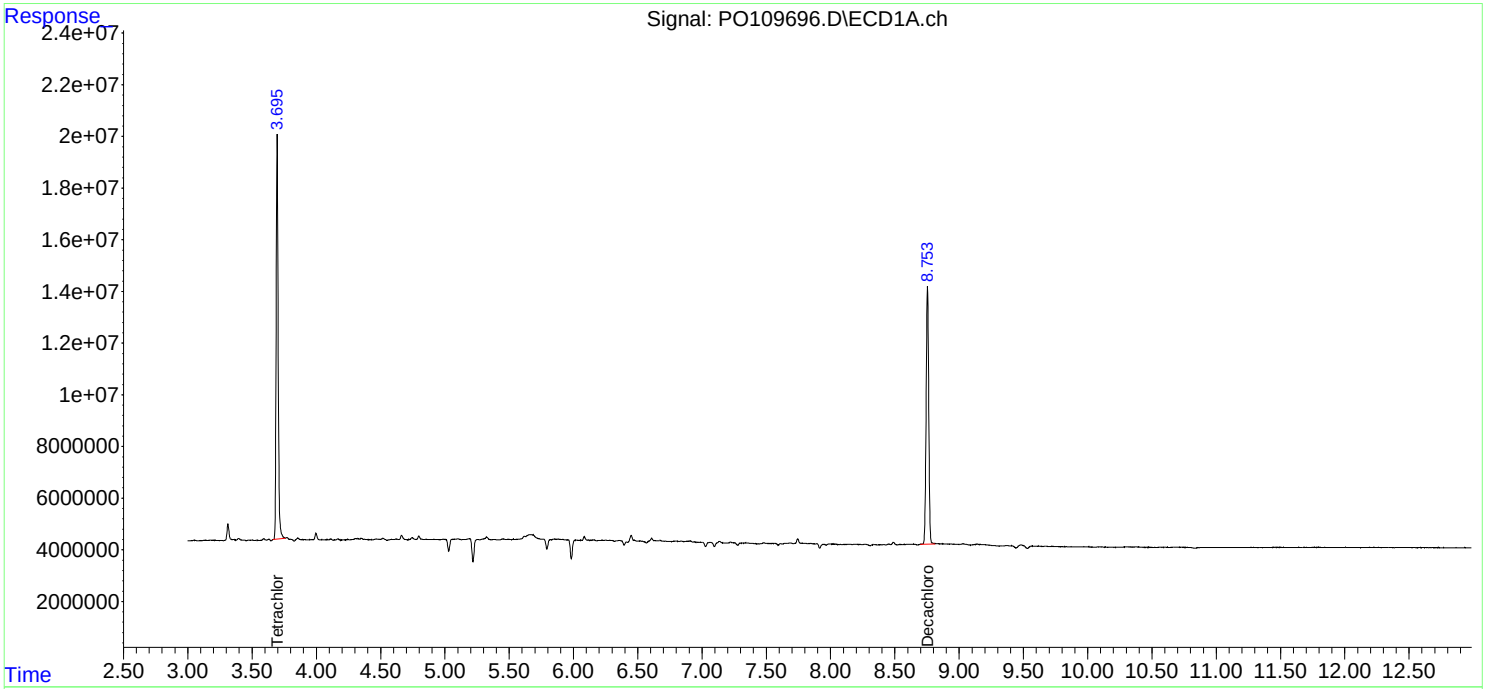
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

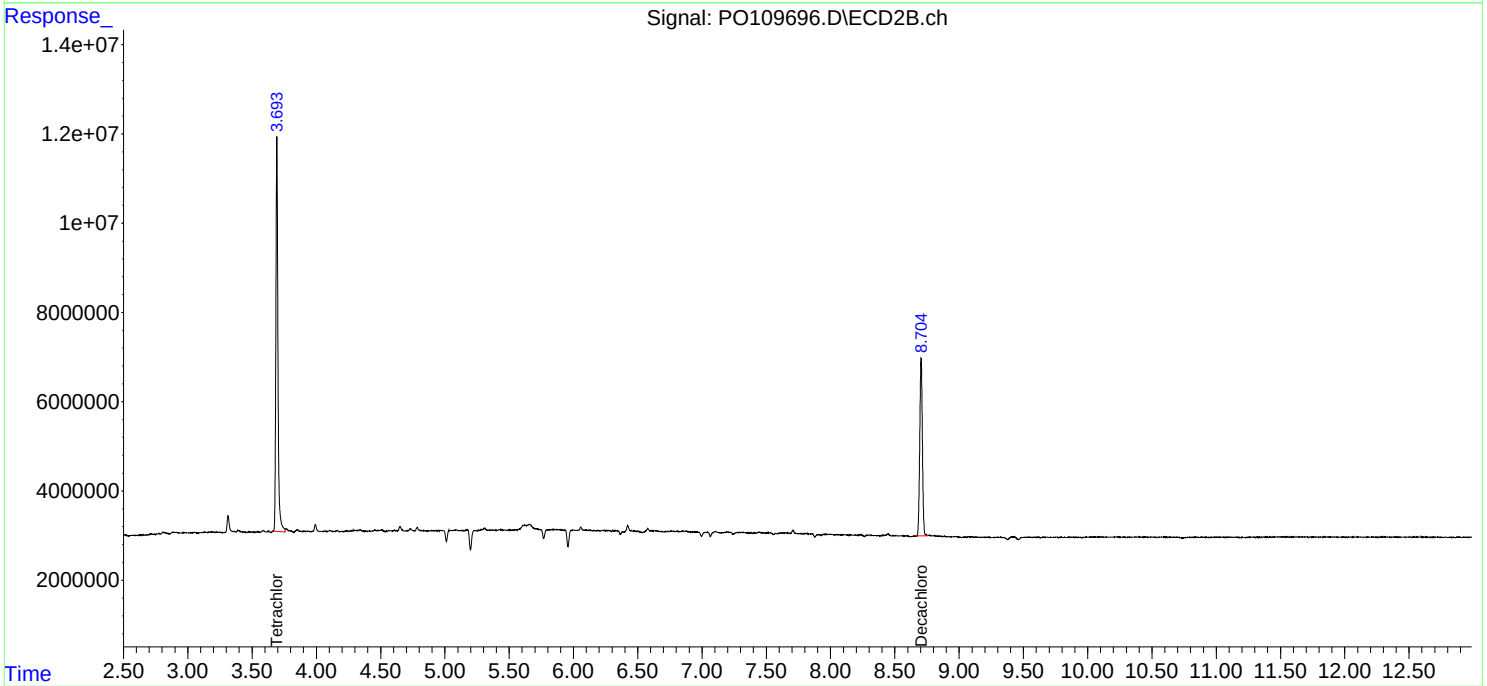
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 06:19
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

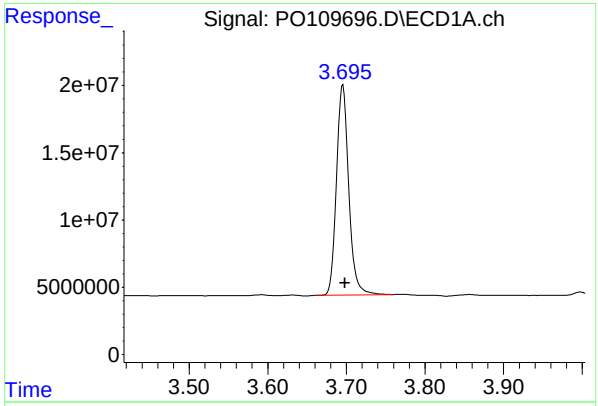
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



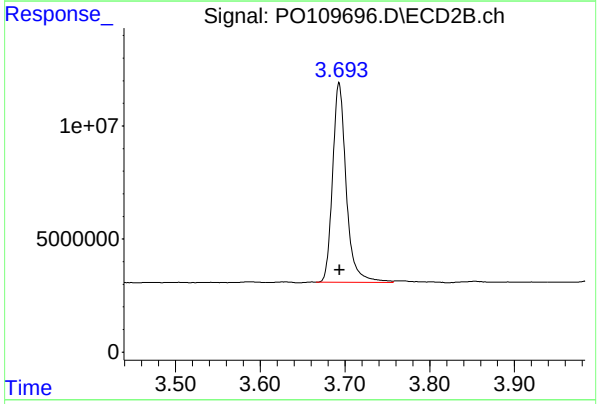




#1 Tetrachloro-m-xylene

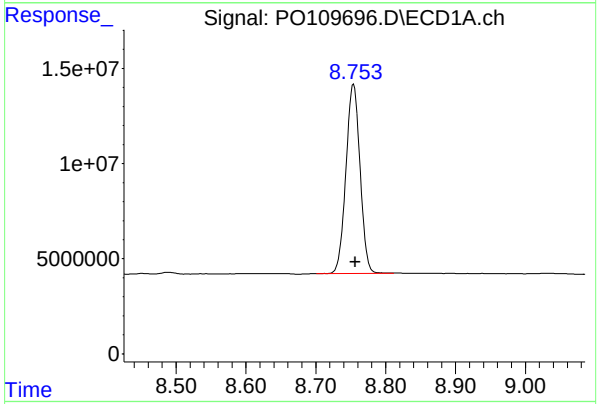
R.T.: 3.695 min
Delta R.T.: -0.003 mi
Response: 169789644
Conc: 17.94 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



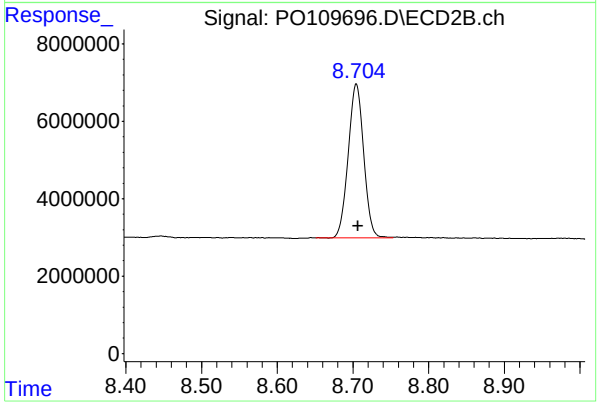
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109699.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PO109699.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
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109699.D**

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

	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						

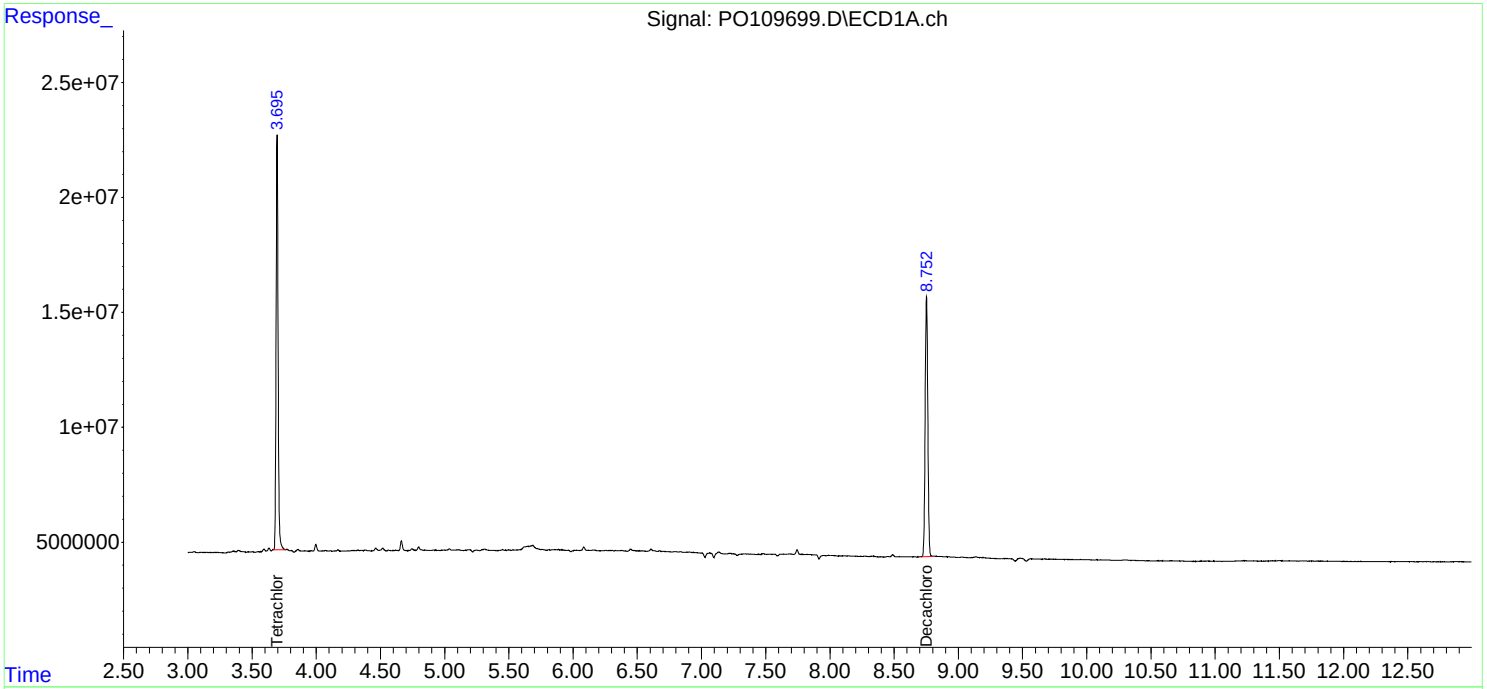
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

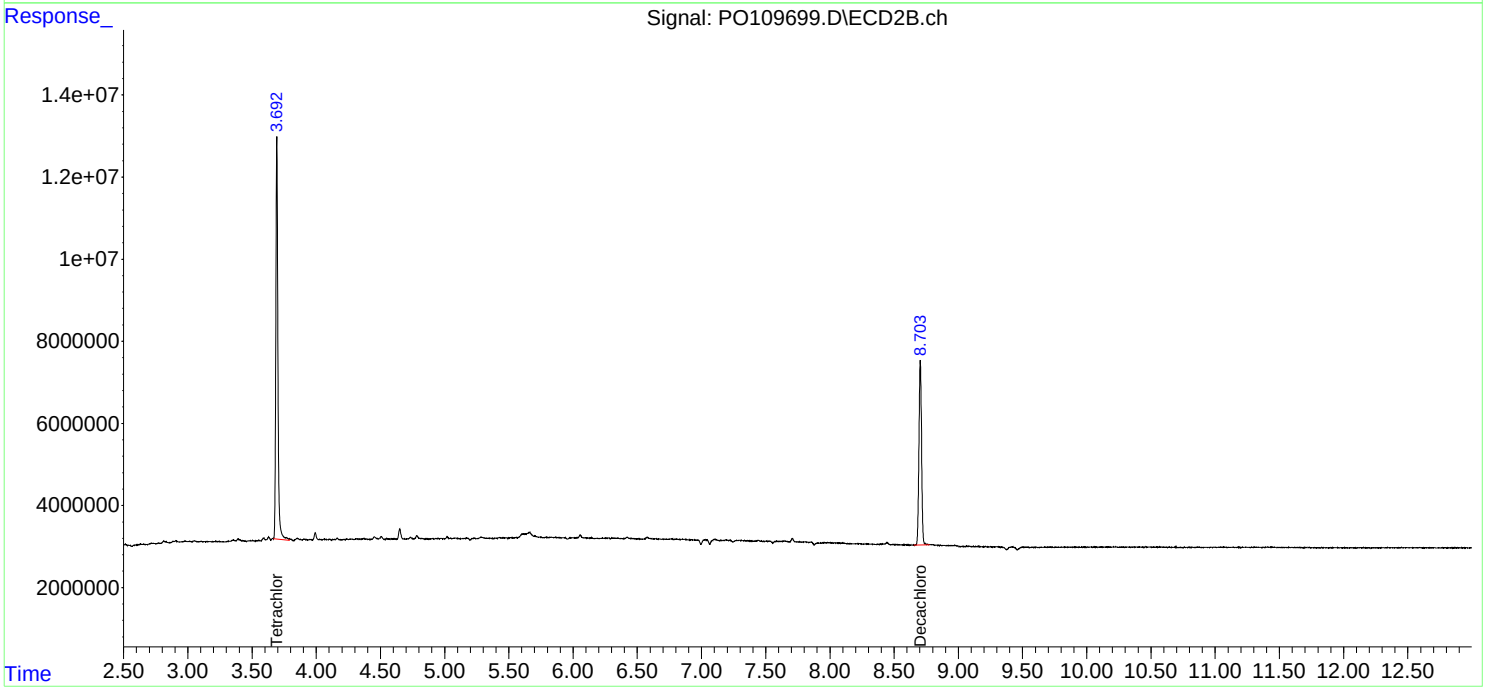
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:17
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

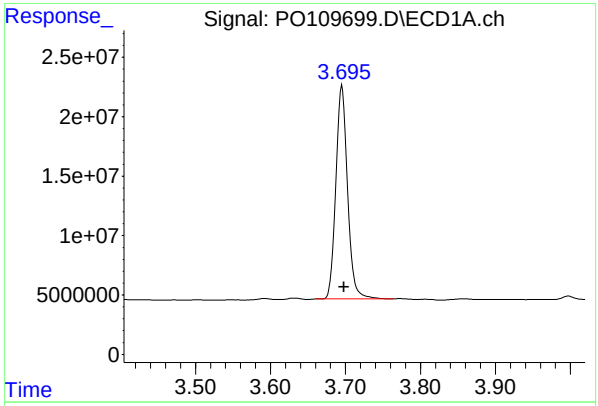
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



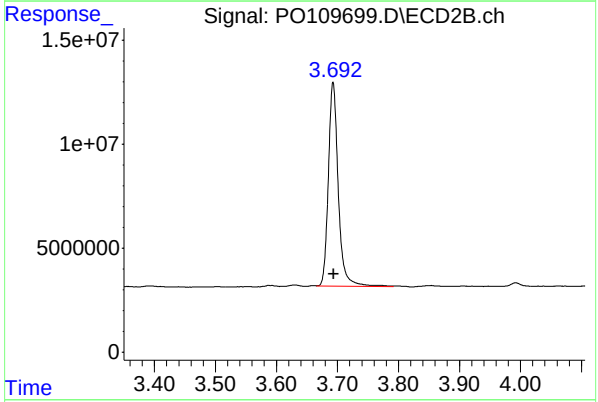




#1 Tetrachloro-m-xylene

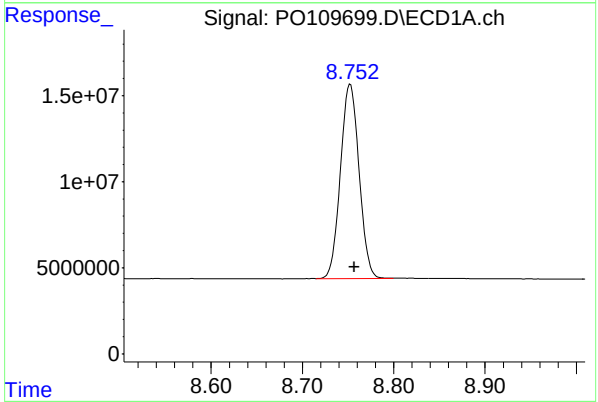
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 194753958
Conc: 20.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



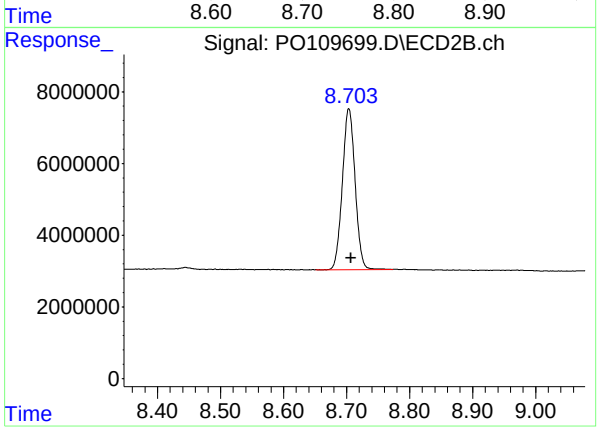
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109712.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PO109712.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
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109712.D**

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.

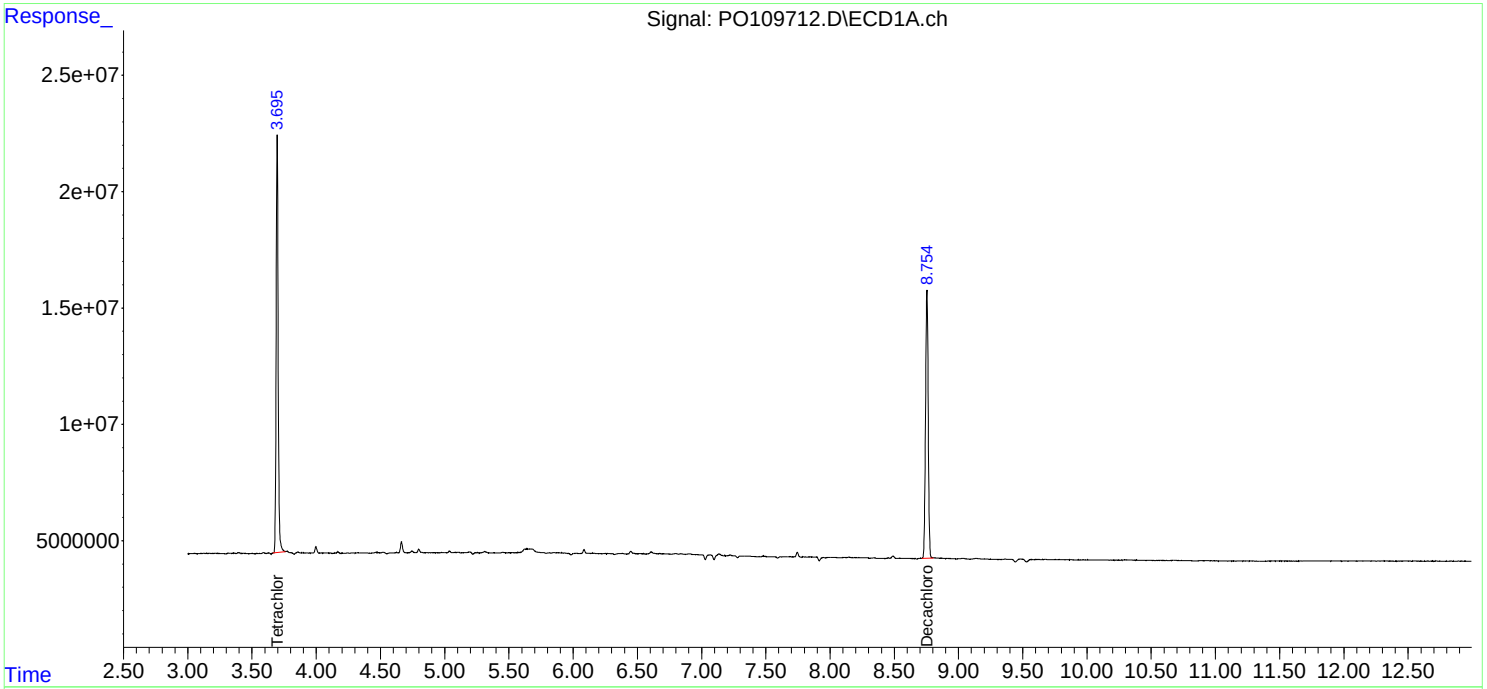
Sample Results: **PO109712.D**

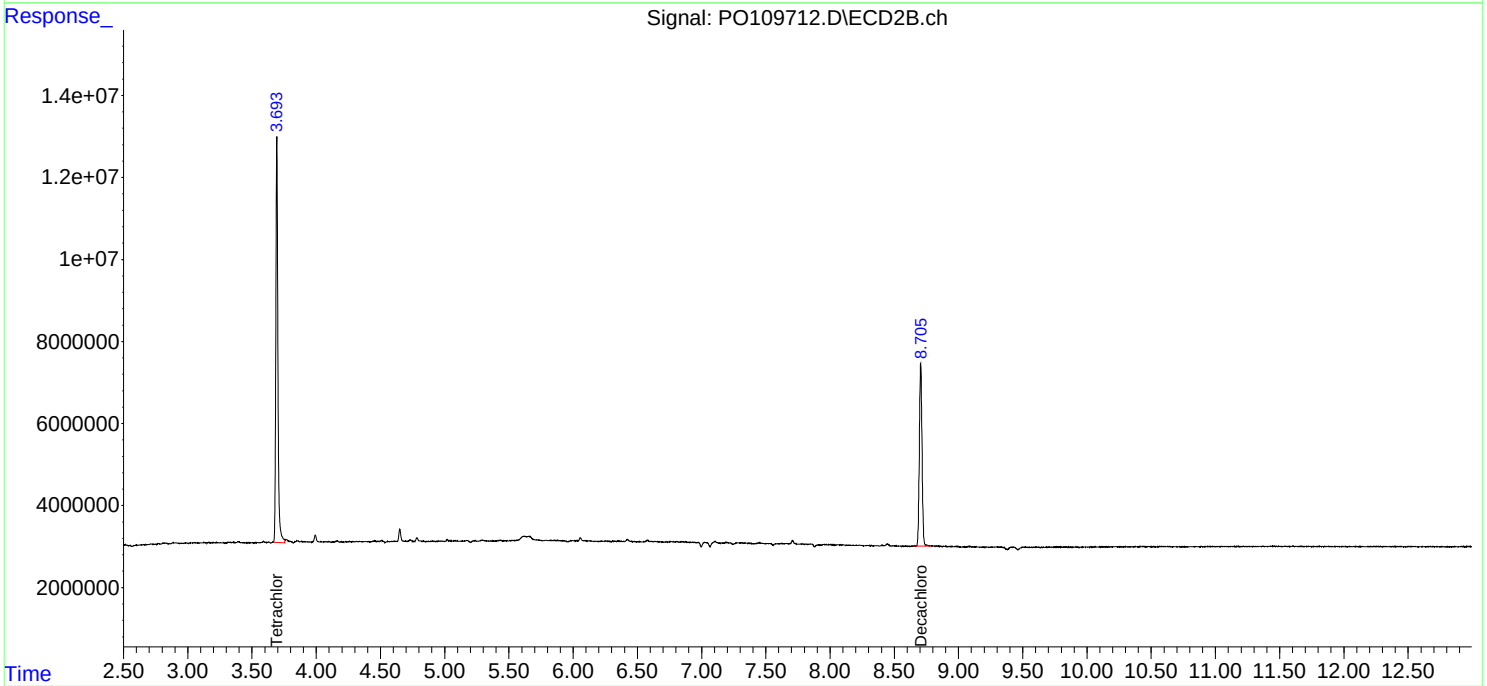
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:42
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

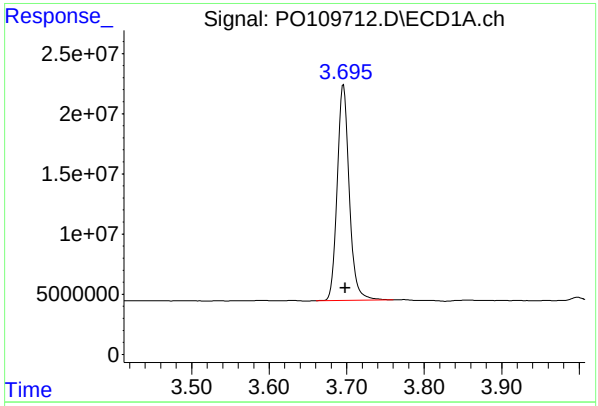
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



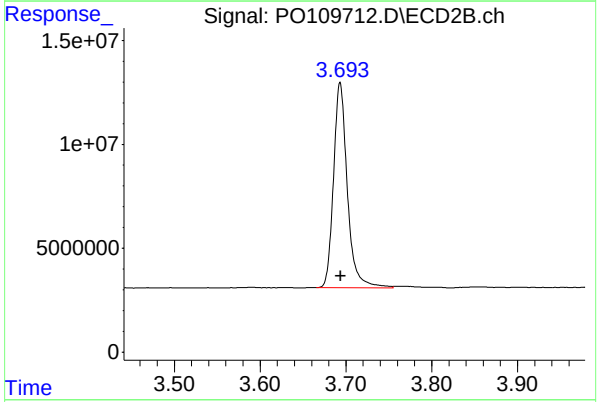




#1 Tetrachloro-m-xylene

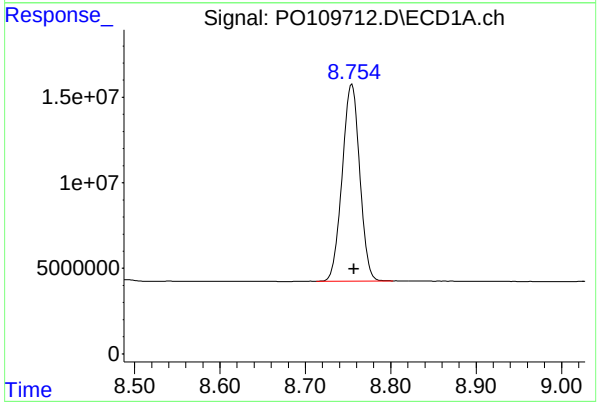
R.T.: 3.696 min
Delta R.T.: -0.002 mi
Response: 193866438
Conc: 20.48 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



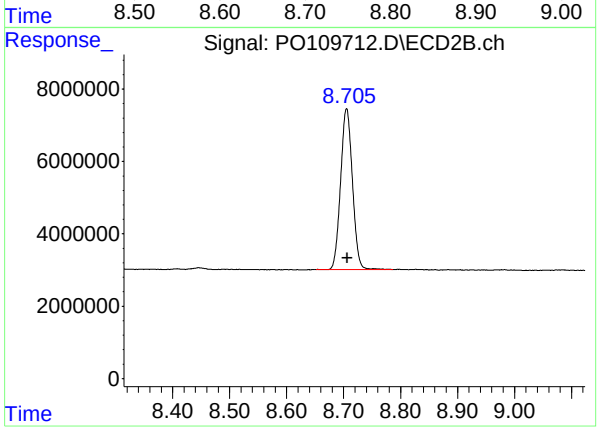
#1 Tetrachloro-m-xylene

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

Raw Data: **PP069995.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PP069995.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
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

Quantitation Report (QT Reviewed)

Sample Results: **PP069995.D**

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						

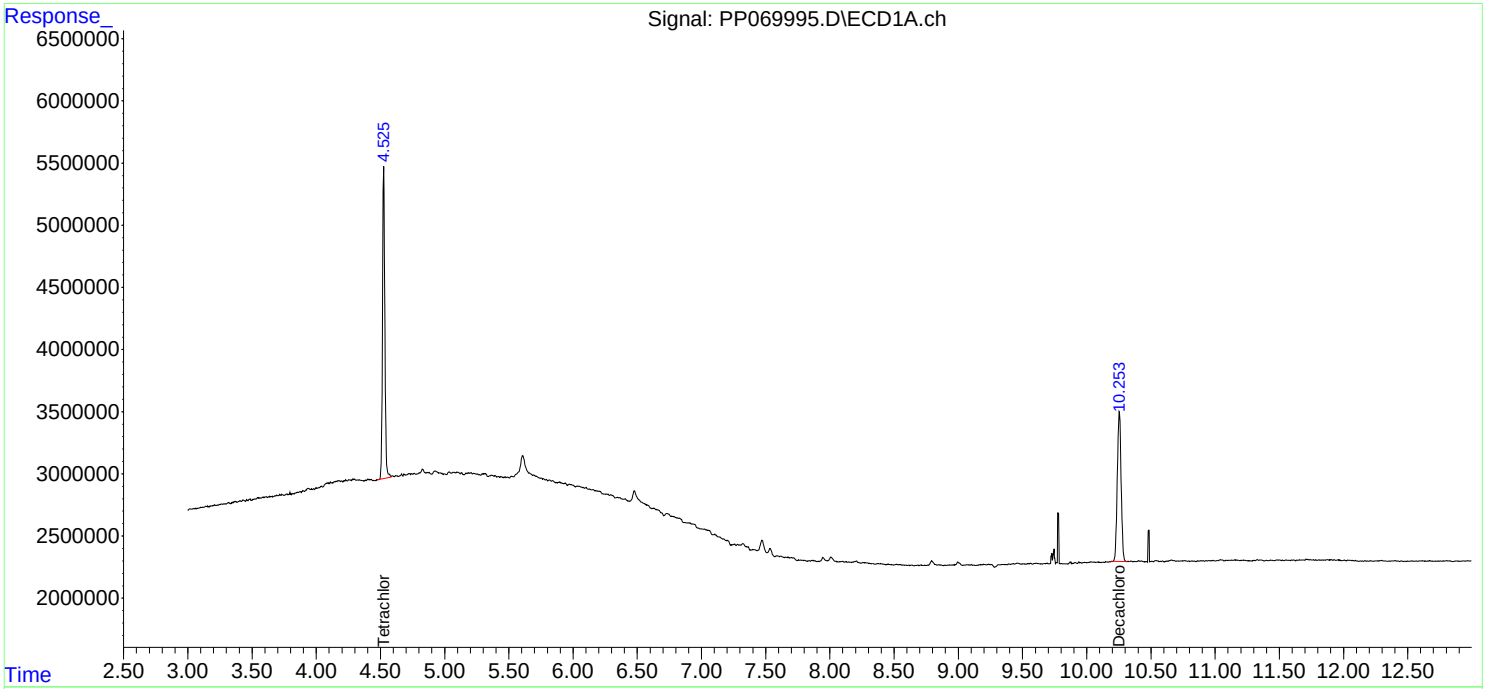
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

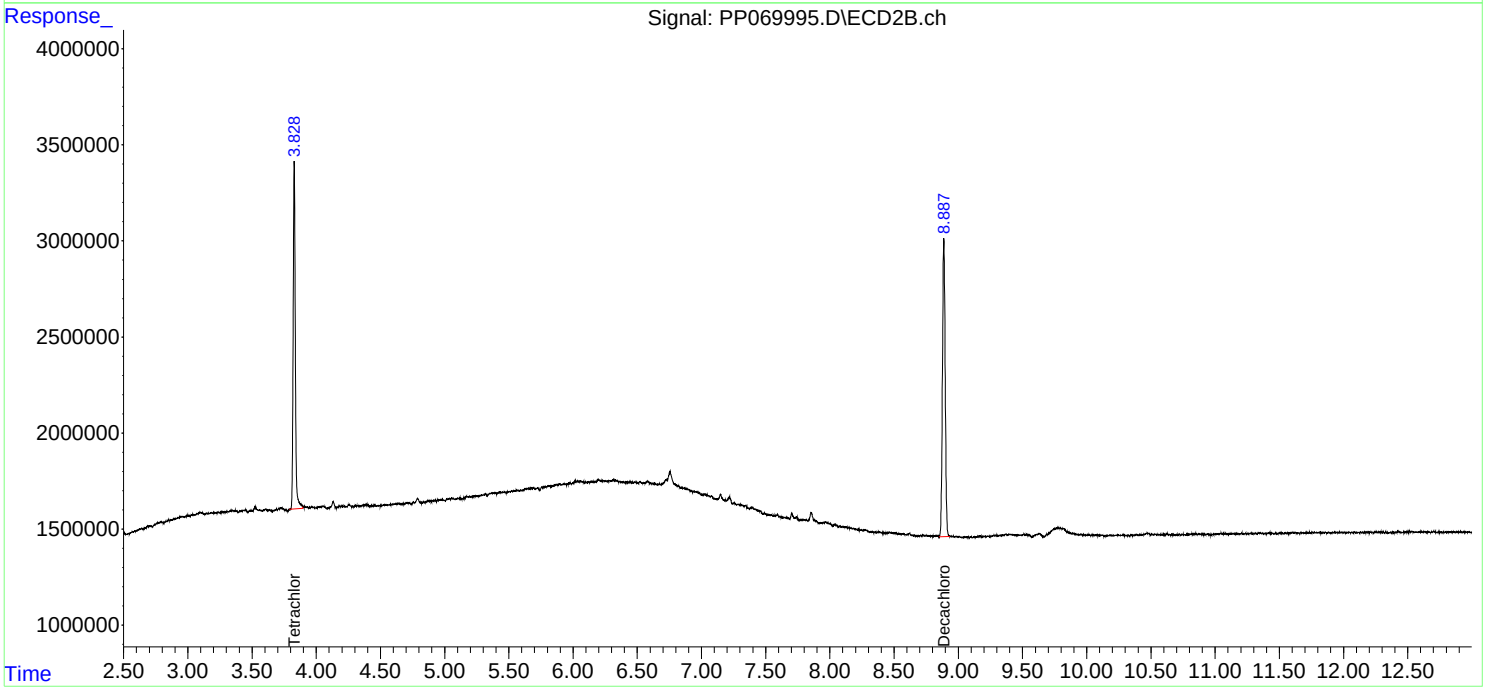
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 14:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

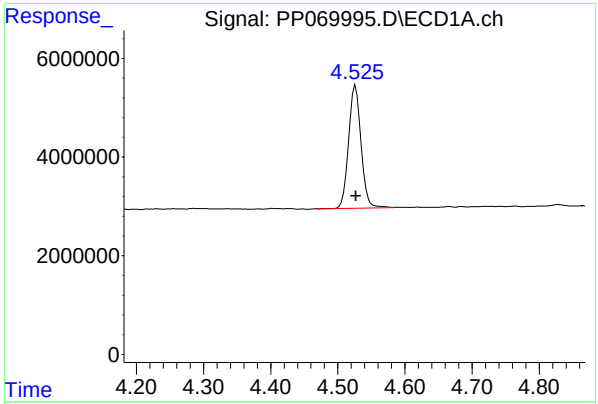
Instrument :
ECD_P
ClientSampleId :
I.BLK

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



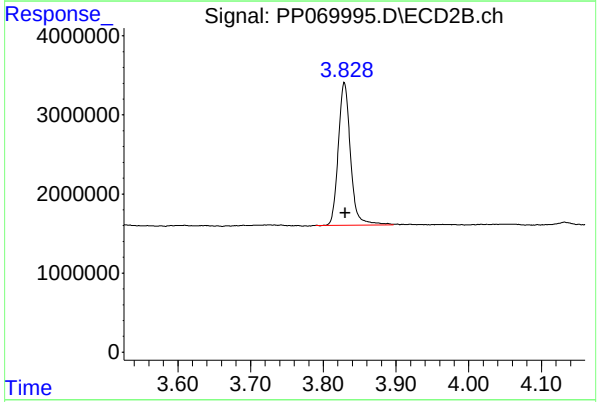




#1 Tetrachloro-m-xylene

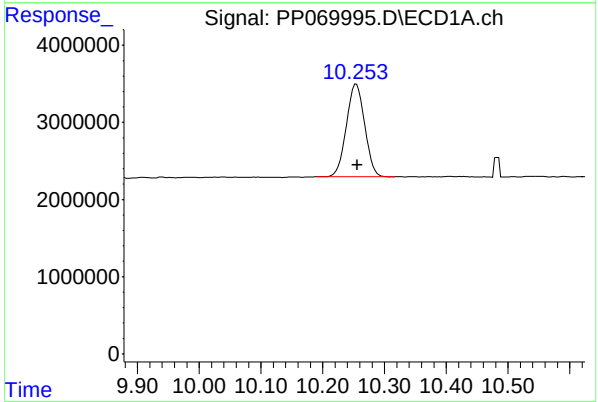
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 32092801
Conc: 21.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



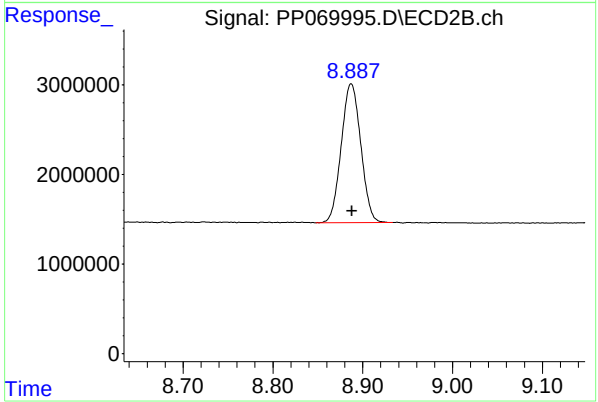
#1 Tetrachloro-m-xylene

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

Raw Data: **PP070348.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PP070348.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
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

Sample Results: **PP070348.D**

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.

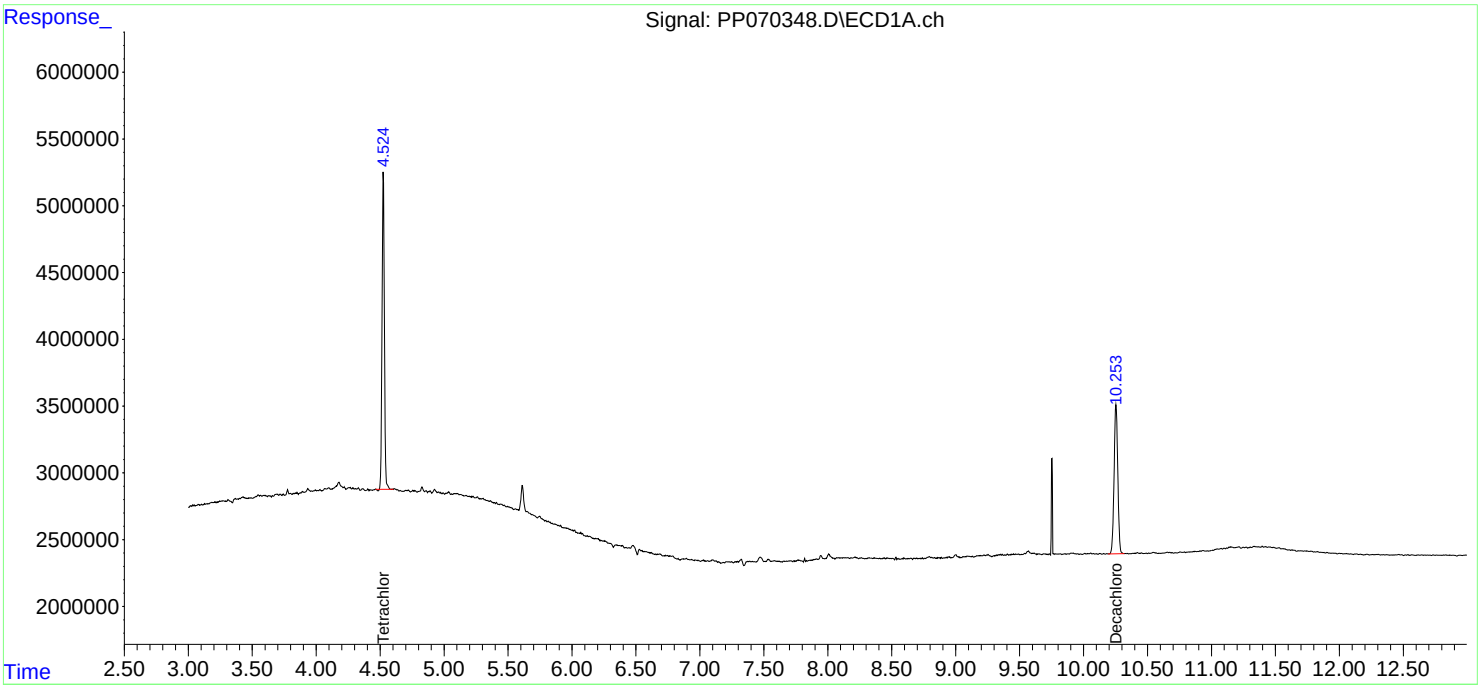
Sample Results: **PP070348.D**

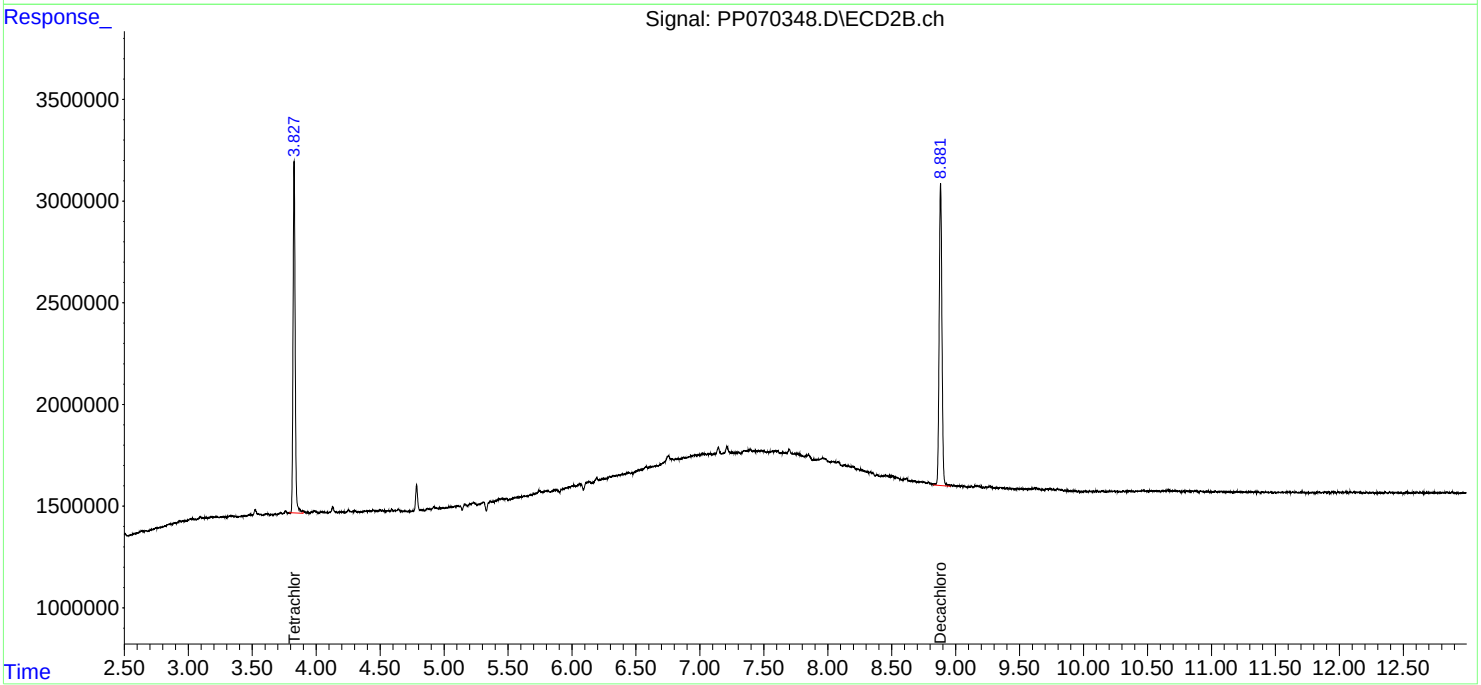
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:03
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

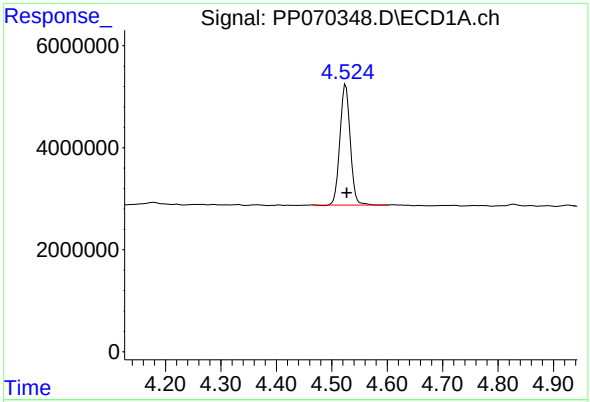
Instrument :
ECD_P
ClientSampleId :
I.BLK

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



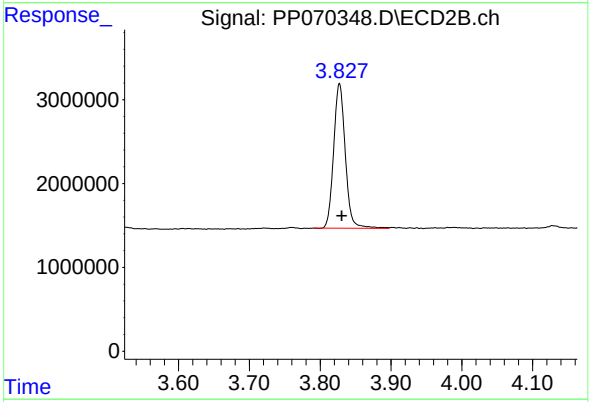




#1 Tetrachloro-m-xylene

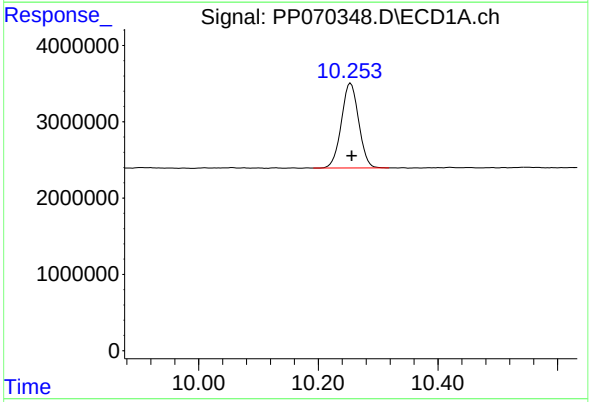
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 30515577
Conc: 20.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



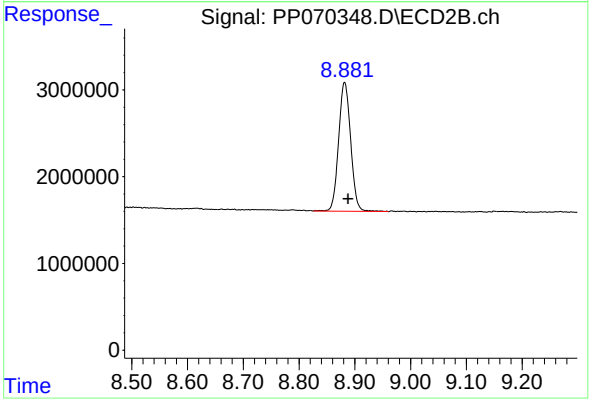
#1 Tetrachloro-m-xylene

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

Raw Data: **PP070363.D**

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

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.:	Q1438
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

Sample Results: **PP070363.D**

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.

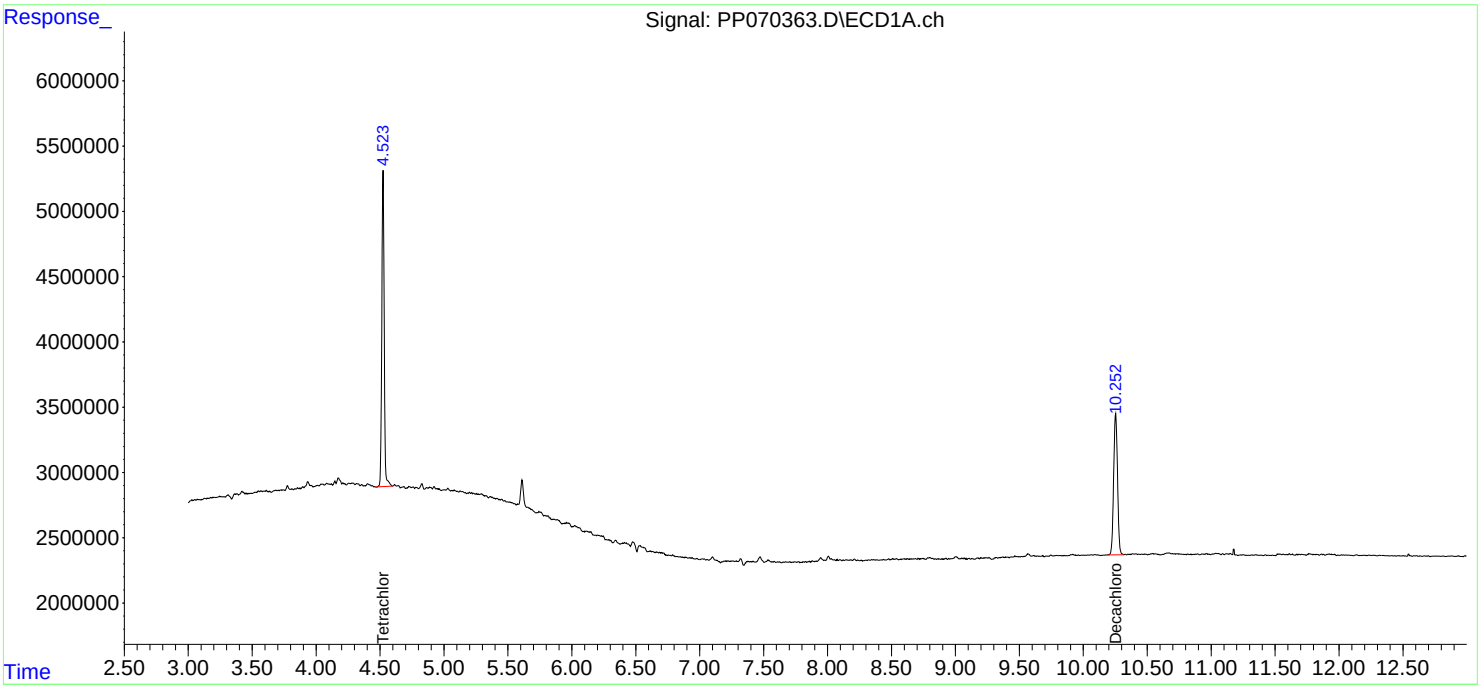
Sample Results: **PP070363.D**

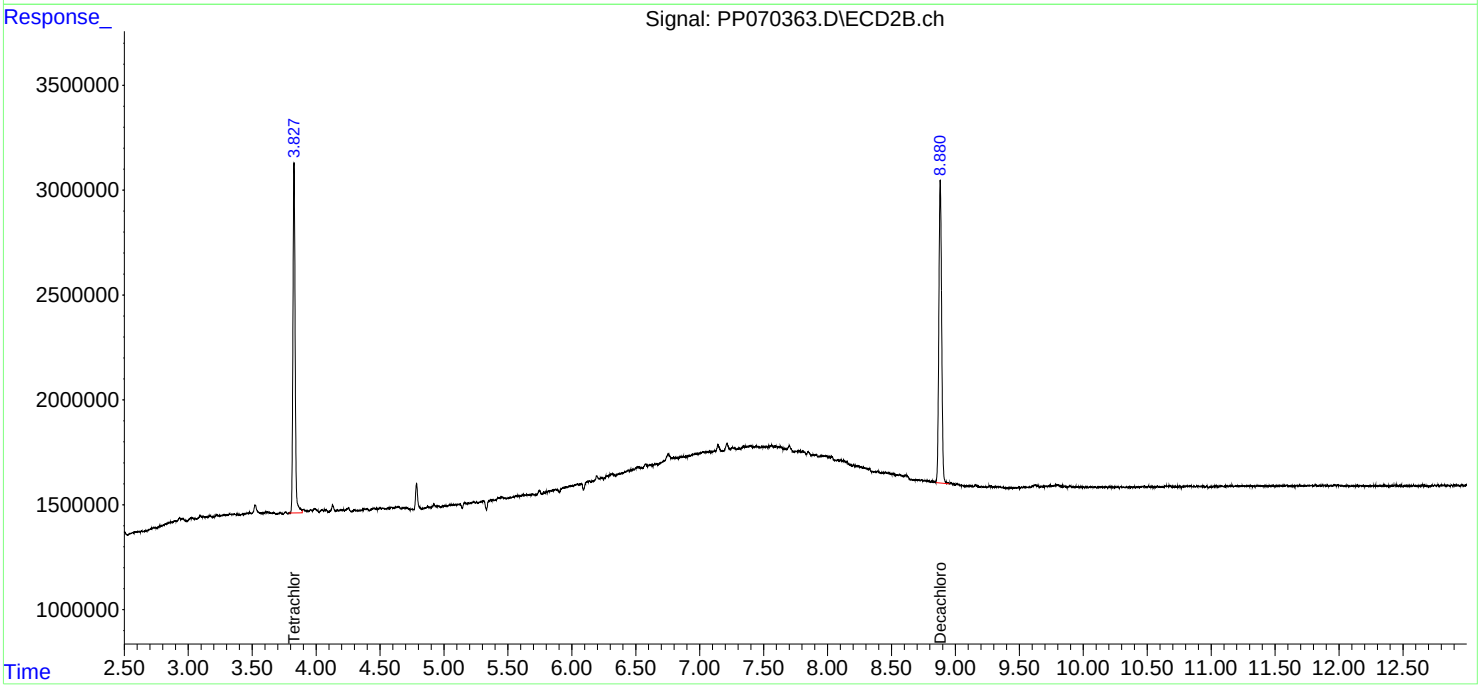
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 16:50
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

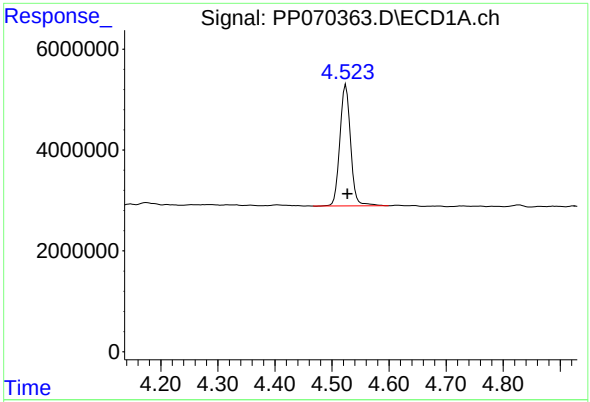
Instrument :
ECD_P
ClientSampleId :
I.BLK

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



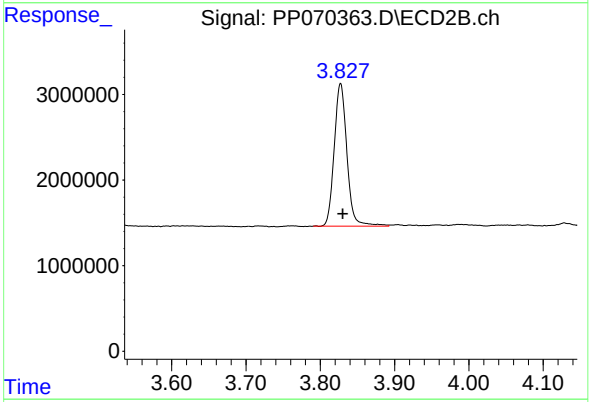




#1 Tetrachloro-m-xylene

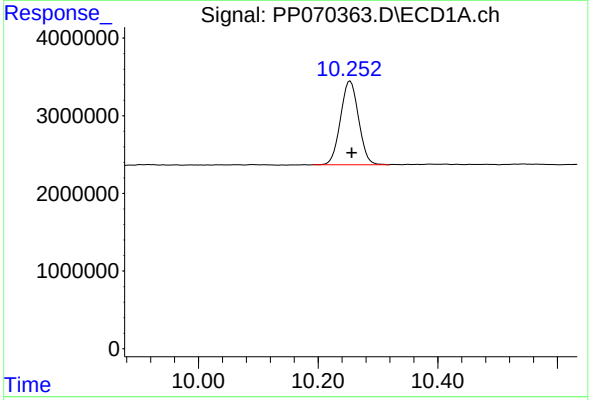
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 31376748
Conc: 21.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



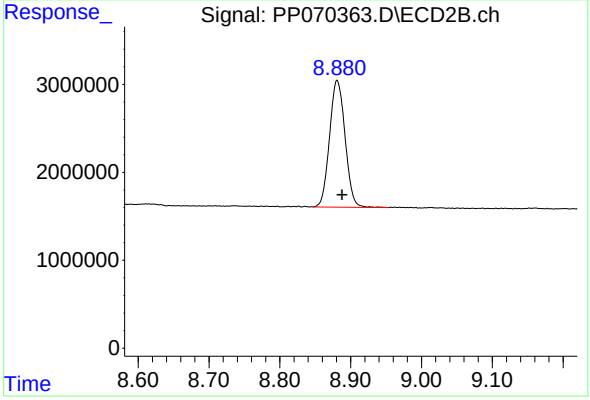
#1 Tetrachloro-m-xylene

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

Raw Data: **PP070378.D**

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

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.:	Q1438
Lab Sample ID:	I.BLK-PP070378.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
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

Sample Results: **PP070378.D**

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.

Sample Results: **PP070378.D**

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

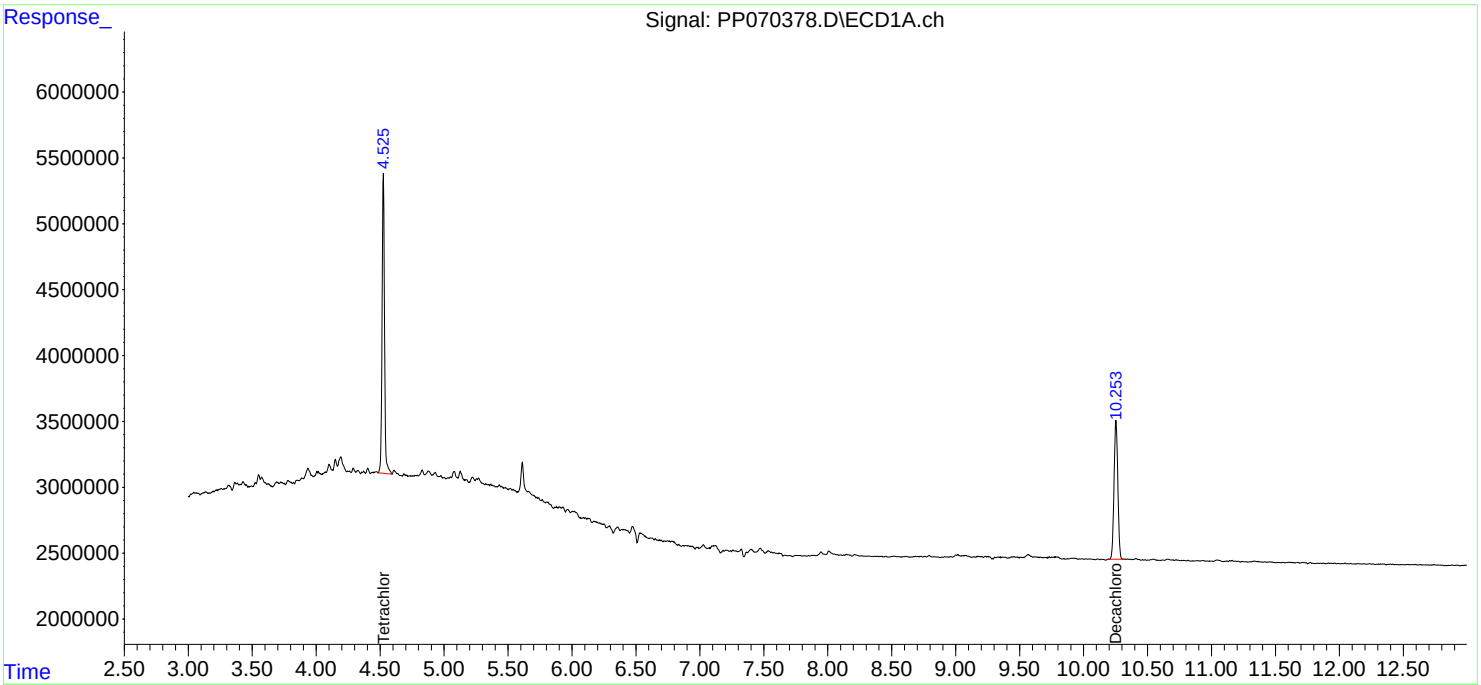
Instrument :
ECD_P
ClientSampleId :
I.BLK

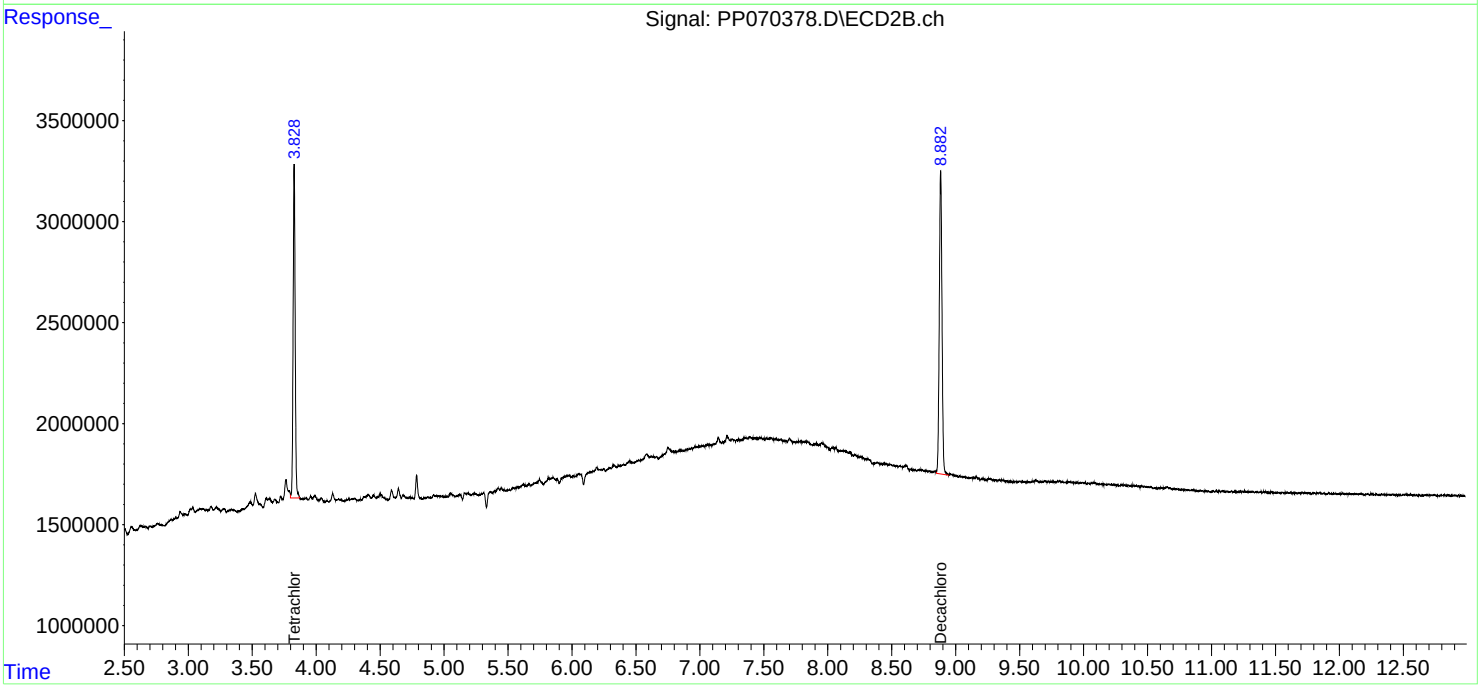
Manual Integrations APPROVED

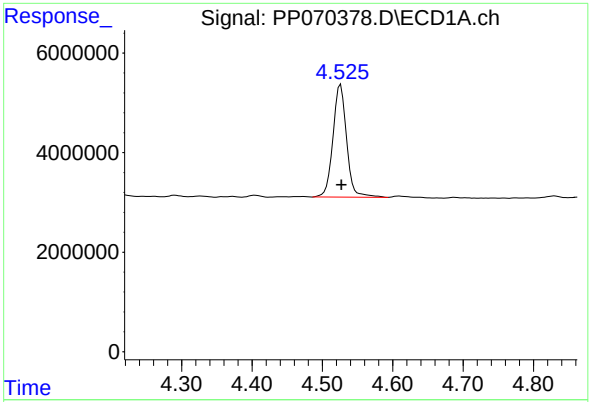
Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

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







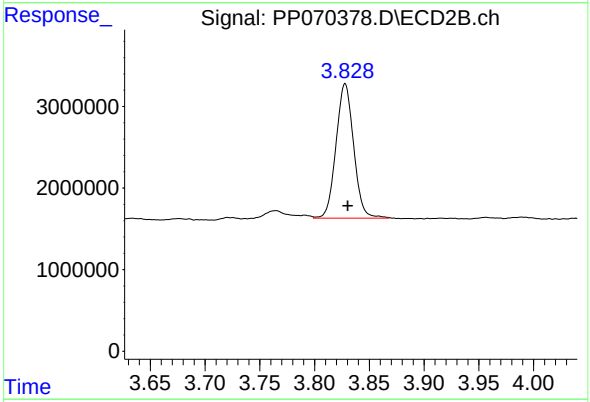
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 30508052
Conc: 20.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

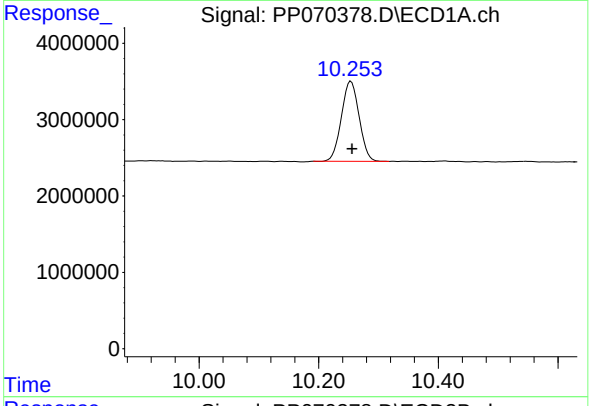
Manual Integrations APPROVED

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



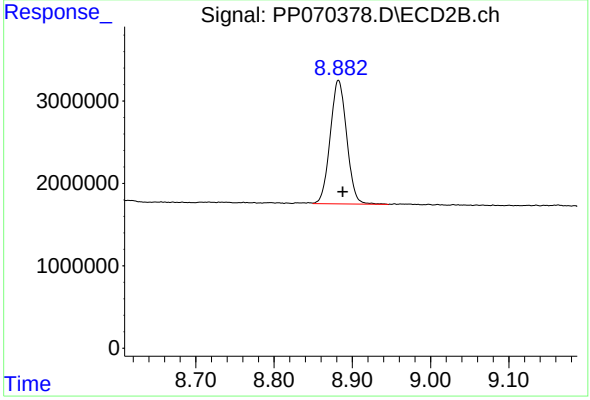
#1 Tetrachloro-m-xylene

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

Raw Data: **PO109525.D**

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB166892BS	SDG No.:	Q1438
Lab Sample ID:	PB166892BS	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
PO109525.D	1	02/27/25 09:56	02/27/25 13:35	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	160		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	160		2.90	17.0	ug/kg
Total PCBs	Total PCBs	320		6.30	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.3		32 - 175	117%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 13:35
Operator : YP/AJ
Sample : PB166892BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB166892BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:37:47 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 0.50µ Signal #2 Info : 30M x 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	192.3E6	107.1E6	20.320	20.468
2)	SA Decachlor...	8.756	8.705	178.2E6	74224060	20.717	23.310
	Target Compounds						
3)	L1 AR-1016-1	4.791	4.776	145.4E6	76349779	471.642	488.887
4)	L1 AR-1016-2	4.810	4.795	199.0E6	106.4E6	472.565	491.515
5)	L1 AR-1016-3	4.867	4.971	138.9E6	58644483	469.567	490.949
6)	L1 AR-1016-4	4.987	5.012	109.7E6	48688790	473.490	467.844
7)	L1 AR-1016-5	5.245	5.226	116.3E6	63116626	450.199	463.229
31)	L7 AR-1260-1	6.288	6.259	224.6E6	117.0E6	481.887	493.764
32)	L7 AR-1260-2	6.476	6.446	273.6E6	138.1E6	484.120	502.014
33)	L7 AR-1260-3	6.845	6.599	198.8E6	129.1E6	417.963	506.100
34)	L7 AR-1260-4	7.105	7.072	184.7E6	91305643	427.943	442.818
35)	L7 AR-1260-5	7.347	7.312	435.8E6	205.7E6	438.531	459.418

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

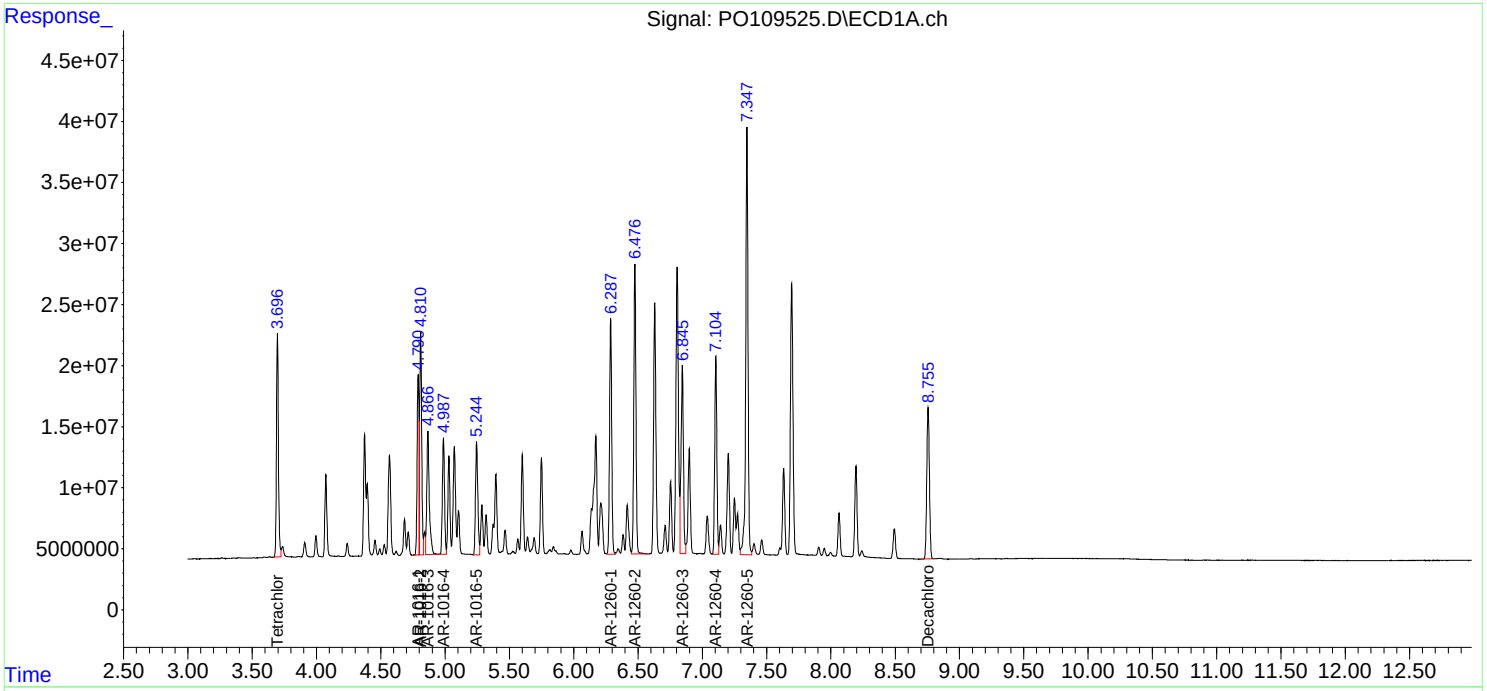
Sample Results: **PO109525.D**

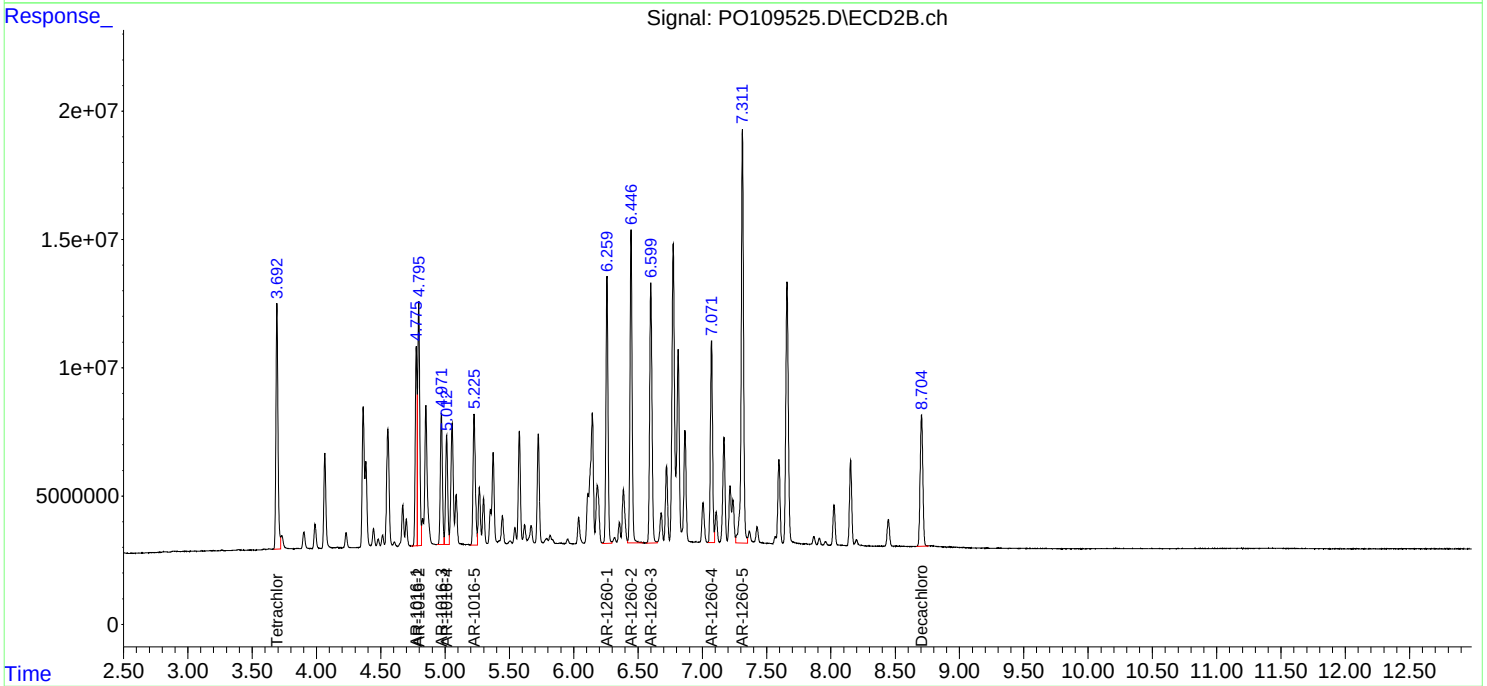
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 13:35
Operator : YP/AJ
Sample : PB166892BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB166892BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 15:37:47 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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PO109683.D**

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB167022BS	SDG No.:	Q1438
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\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 0.50µ Signal #2 Info : 30M x 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

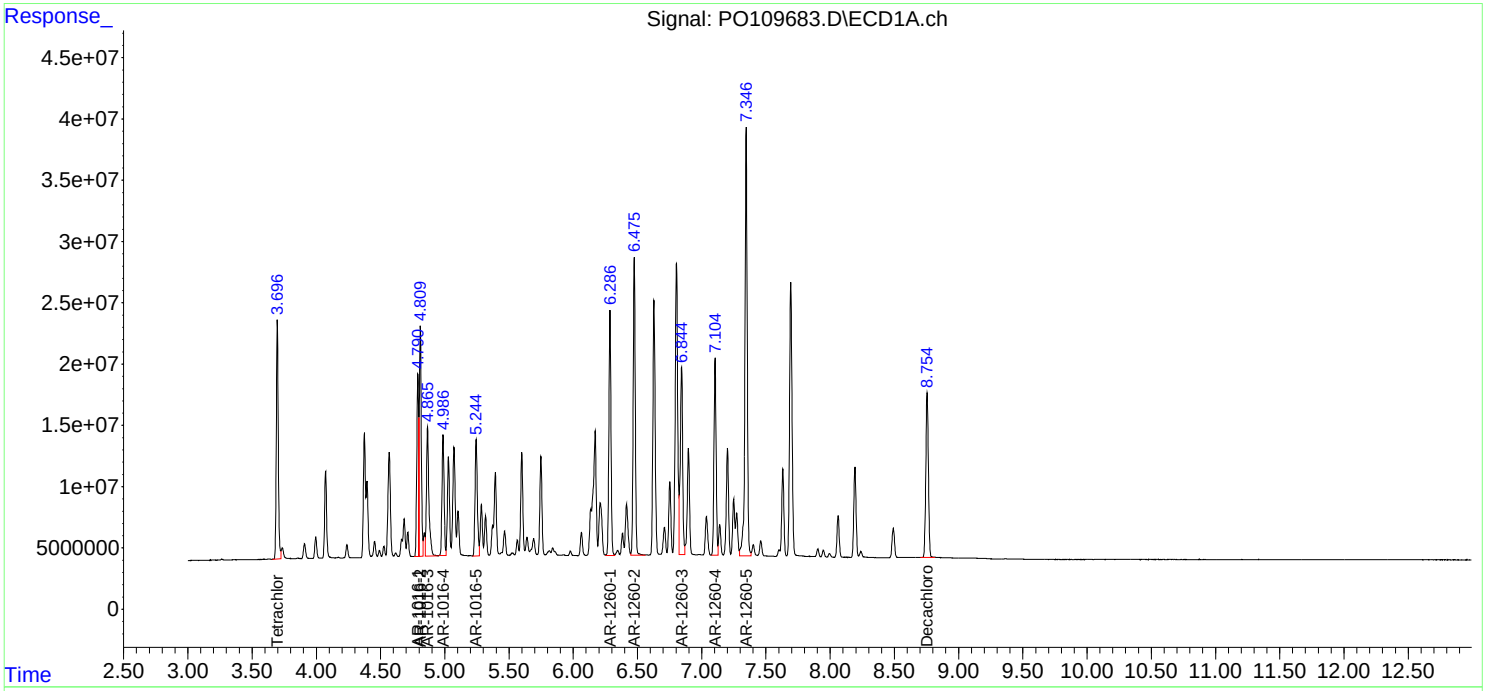
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

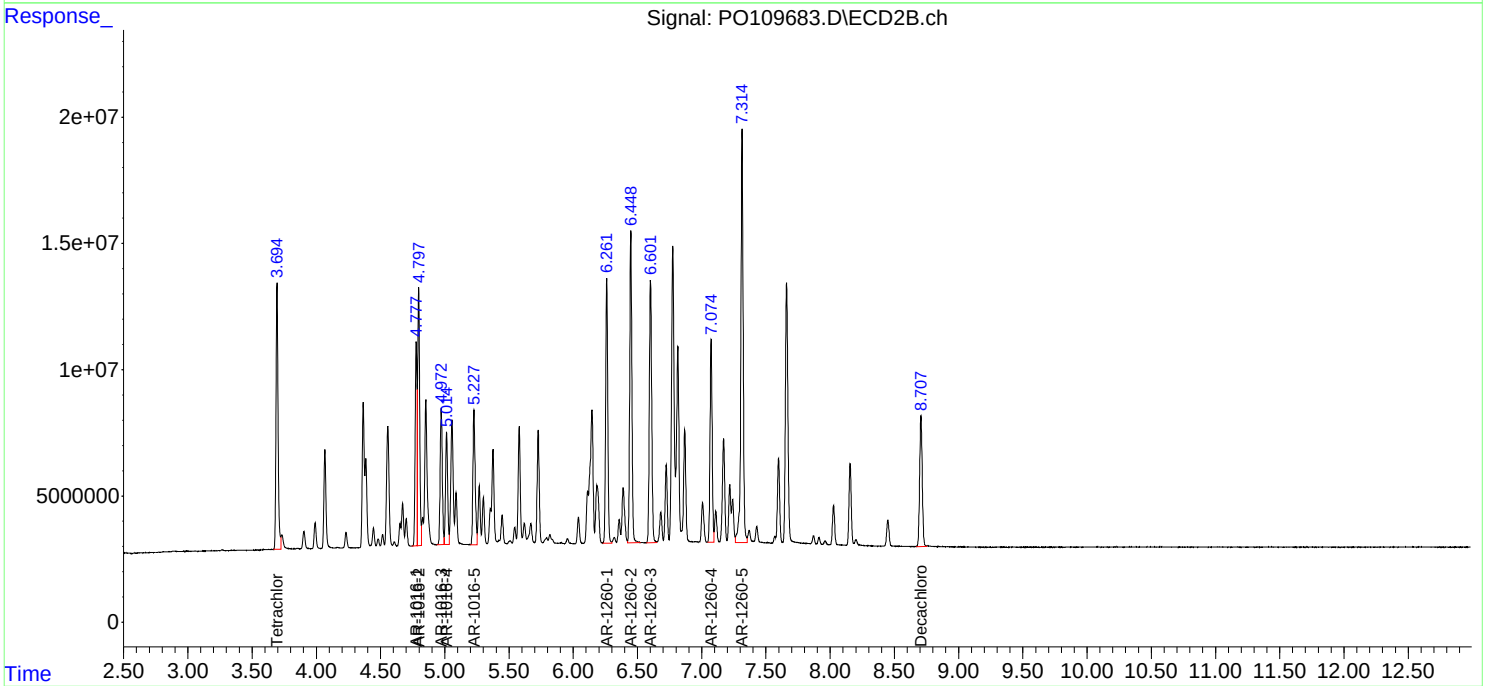
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:46
Operator : YP/AJ
Sample : PB167022BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PP070355.D**

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB167029BS	SDG No.:	Q1438
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.

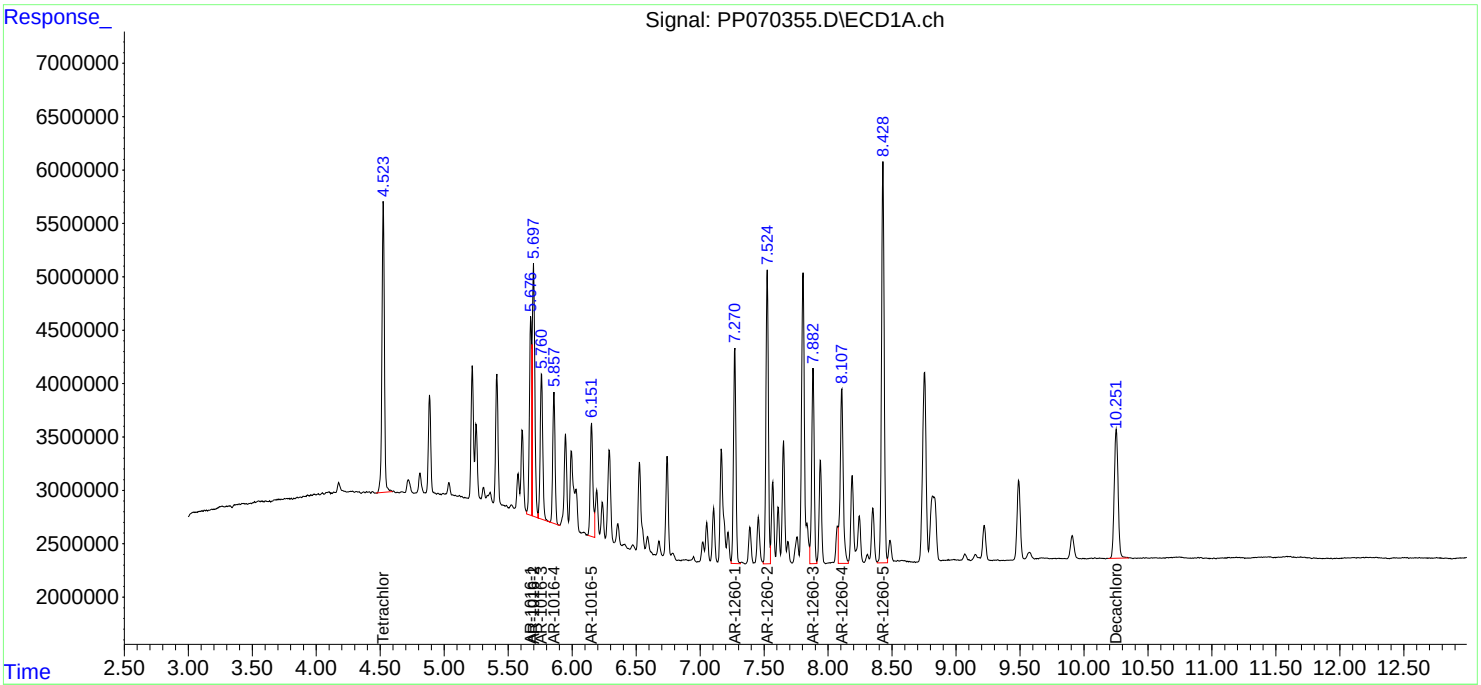
Sample Results: **PP070355.D**

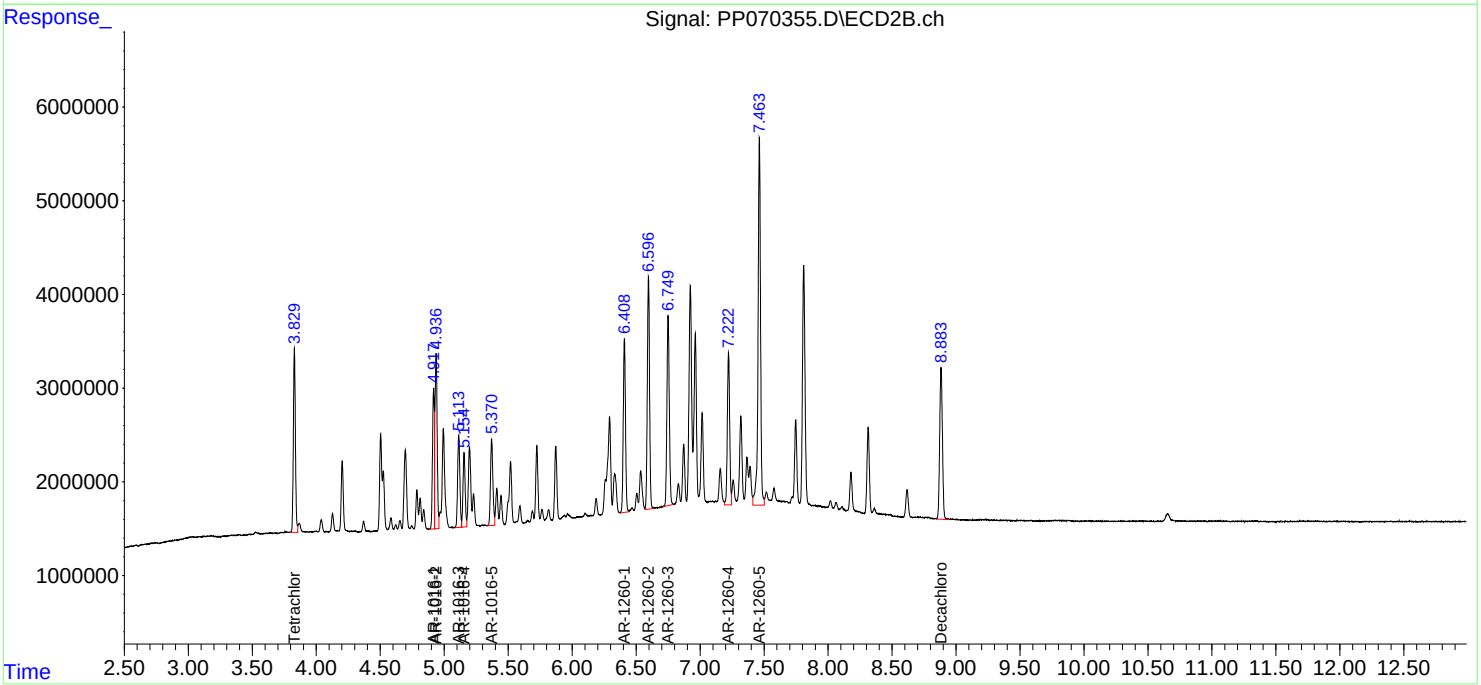
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:57
Operator : YP\AJ
Sample : PB167029BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

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





Raw Data: **PO109688.D**

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

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.:	Q1438
Lab Sample ID:	Q1434-02MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	72.3 Decanted:
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
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\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

	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

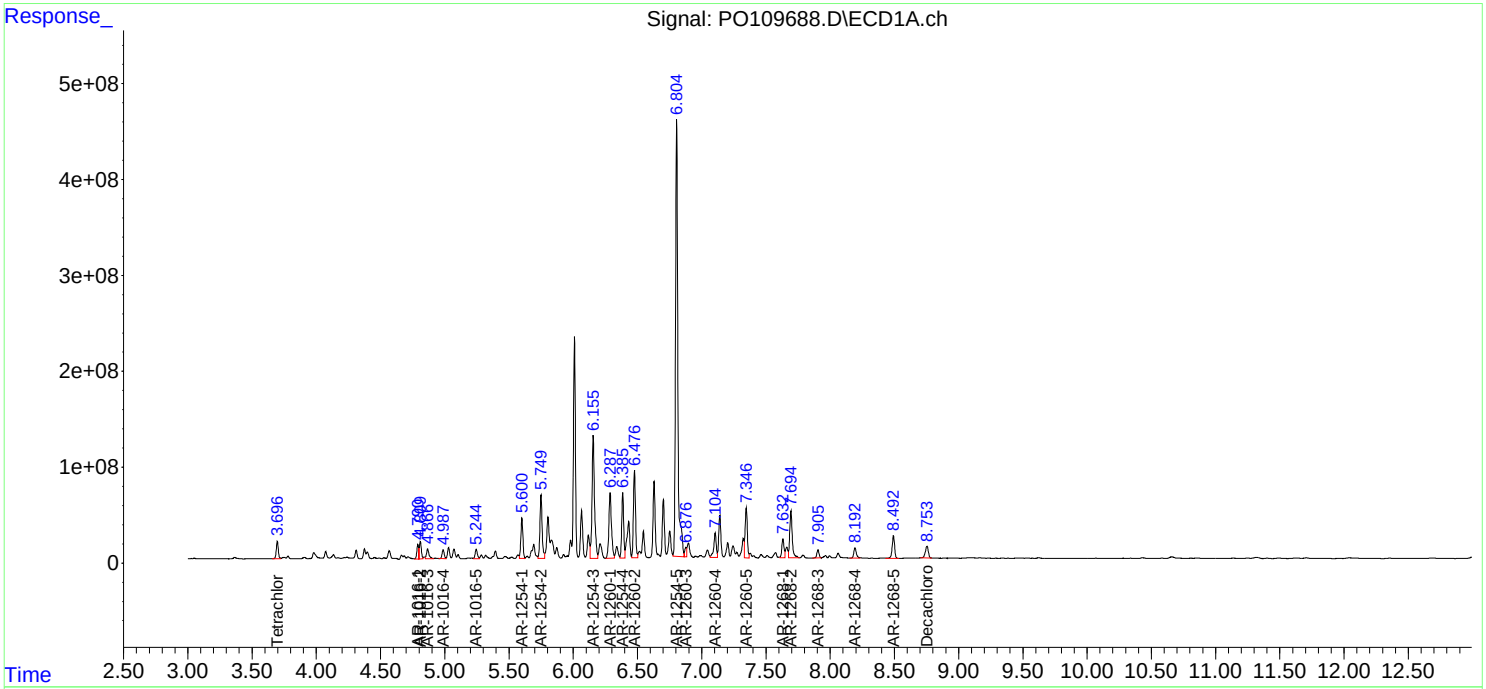
Instrument :
ECD_O
ClientSampleId :
K084-4CMS

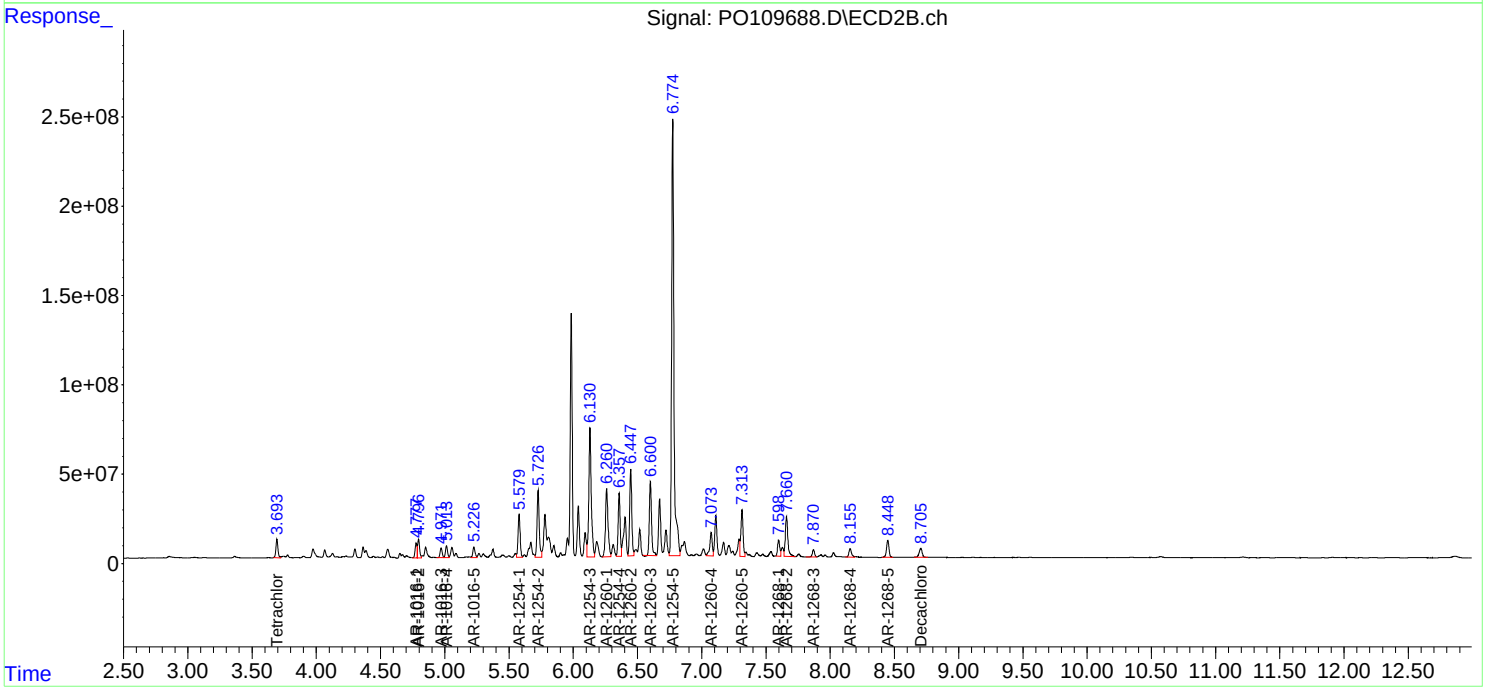
Manual Integrations APPROVED

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





Raw Data: **PO109542.D**

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/26/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	351MS	SDG No.:	Q1438
Lab Sample ID:	Q1442-03MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.5 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
PO109542.D	1	02/27/25 09:56	02/27/25 21:44	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	180		3.90	19.4	ug/kg
11104-28-2	Aroclor-1221	7.30	U	7.30	19.4	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.4	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.4	ug/kg
12672-29-6	Aroclor-1248	9.00	U	9.00	19.4	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.4	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.4	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.4	ug/kg
11096-82-5	Aroclor-1260	162		3.30	19.4	ug/kg
Total PCBs	Total PCBs	342		7.20	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.7		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

Quantitation Report (QT Reviewed)

Sample Results: **PO109542.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 21:44
Operator : YP/AJ
Sample : Q1442-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
351MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:48:41 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	169.1E6	98647373	17.861	18.847	
2)	SA Decachlor...	8.756	8.707	106.6E6	46702106	12.395	14.667	
	Target Compounds							
3)	L1 AR-1016-1	4.791	4.778	132.6E6	75270114	430.063	481.974	
4)	L1 AR-1016-2	4.810	4.798	207.0E6	121.0E6	491.603	559.221	
5)	L1 AR-1016-3	4.867	4.973	120.9E6	53578254	408.762	448.537	
6)	L1 AR-1016-4	4.987	5.015	90112202	42553038	388.783	408.886	
7)	L1 AR-1016-5	5.245	5.229	100.1E6	64452034	387.716	473.030	
31)	L7 AR-1260-1	6.287	6.261	184.8E6	100.5E6	396.395	424.083	
32)	L7 AR-1260-2	6.476	6.448	218.3E6	111.6E6	386.334	405.460	
33)	L7 AR-1260-3	6.844	6.602	158.5E6	111.5E6	333.319	437.136	#
34)	L7 AR-1260-4	7.105	7.074	169.2E6	98688807	392.039	478.625	
35)	L7 AR-1260-5	7.346	7.315	306.5E6	170.5E6	308.412	380.719	

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

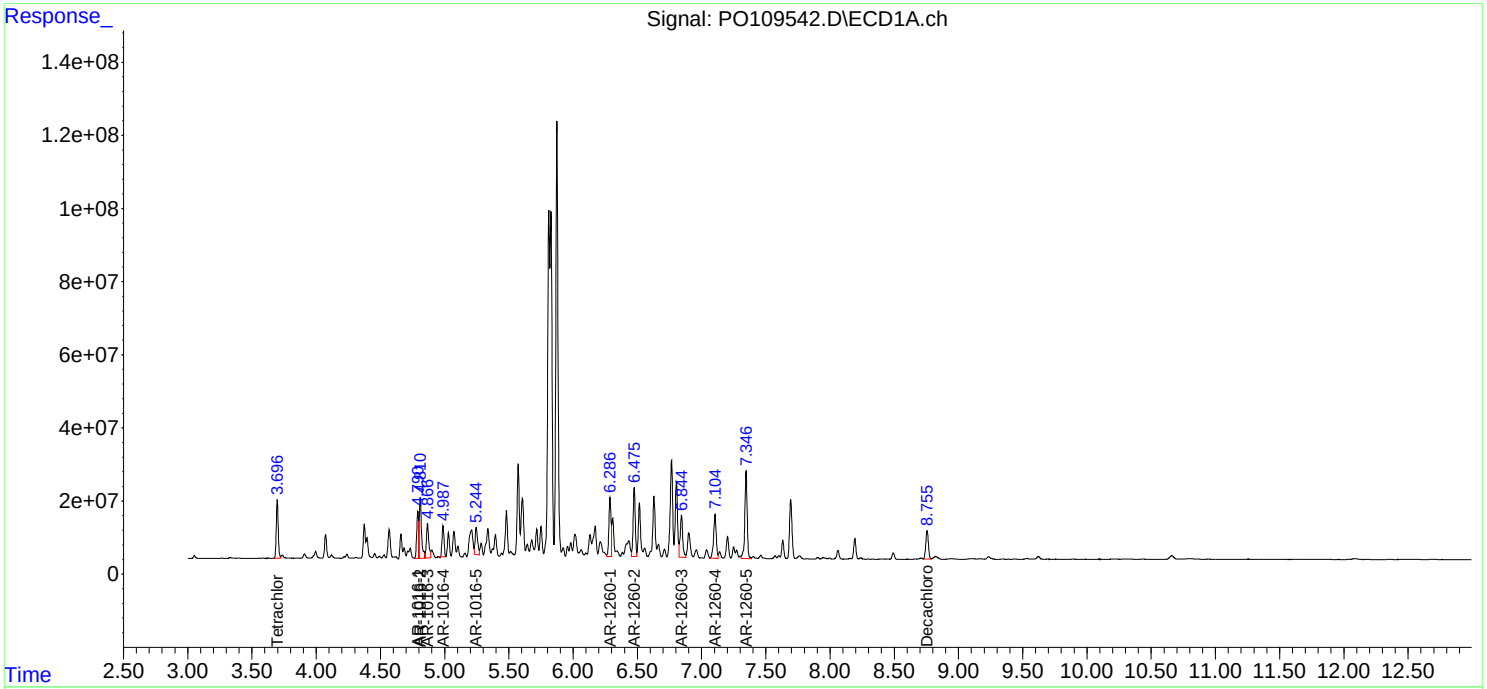
Sample Results: **PO109542.D**

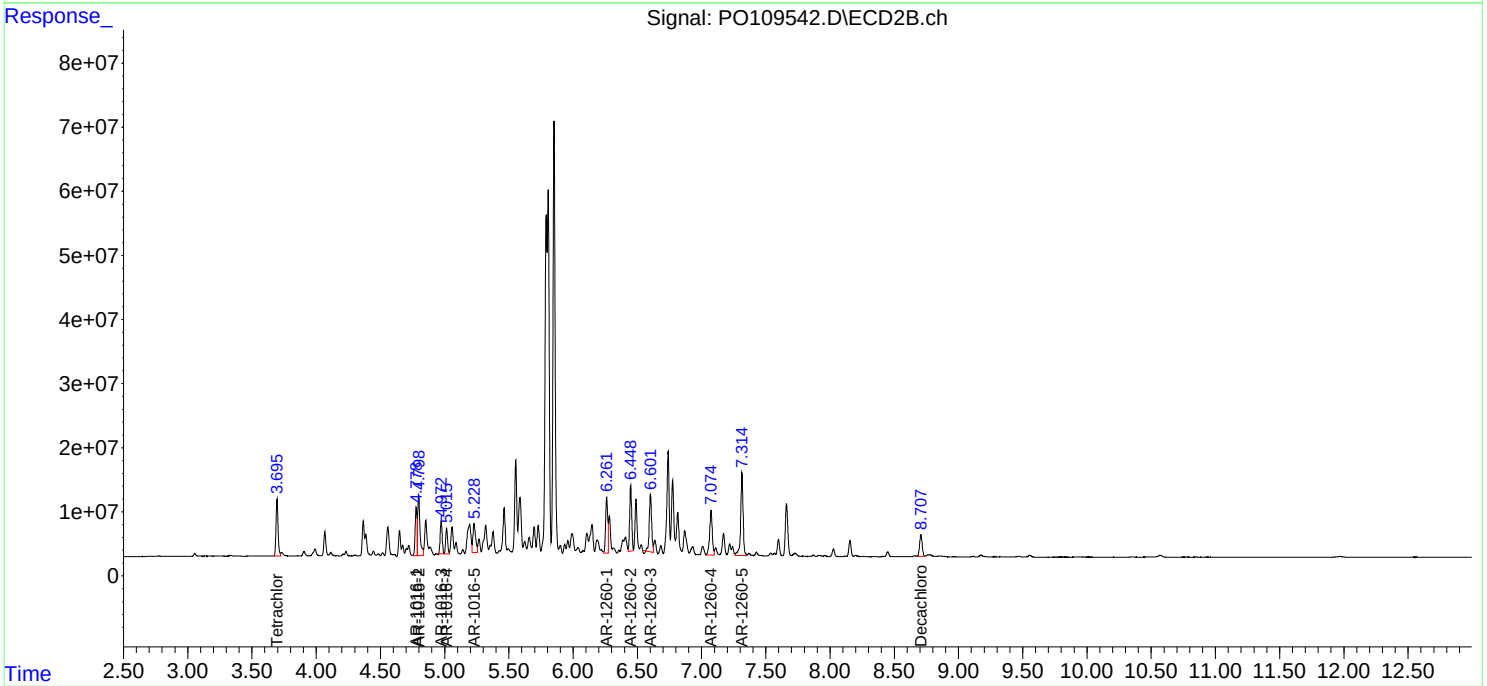
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 21:44
Operator : YP/AJ
Sample : Q1442-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
351MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:48:41 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





Raw Data: **PP070368.D**

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

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.:	Q1438
Lab Sample ID:	Q1508-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	71 Decanted:
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

Sample Results: **PP070368.D**

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.

Sample Results: **PP070368.D**

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

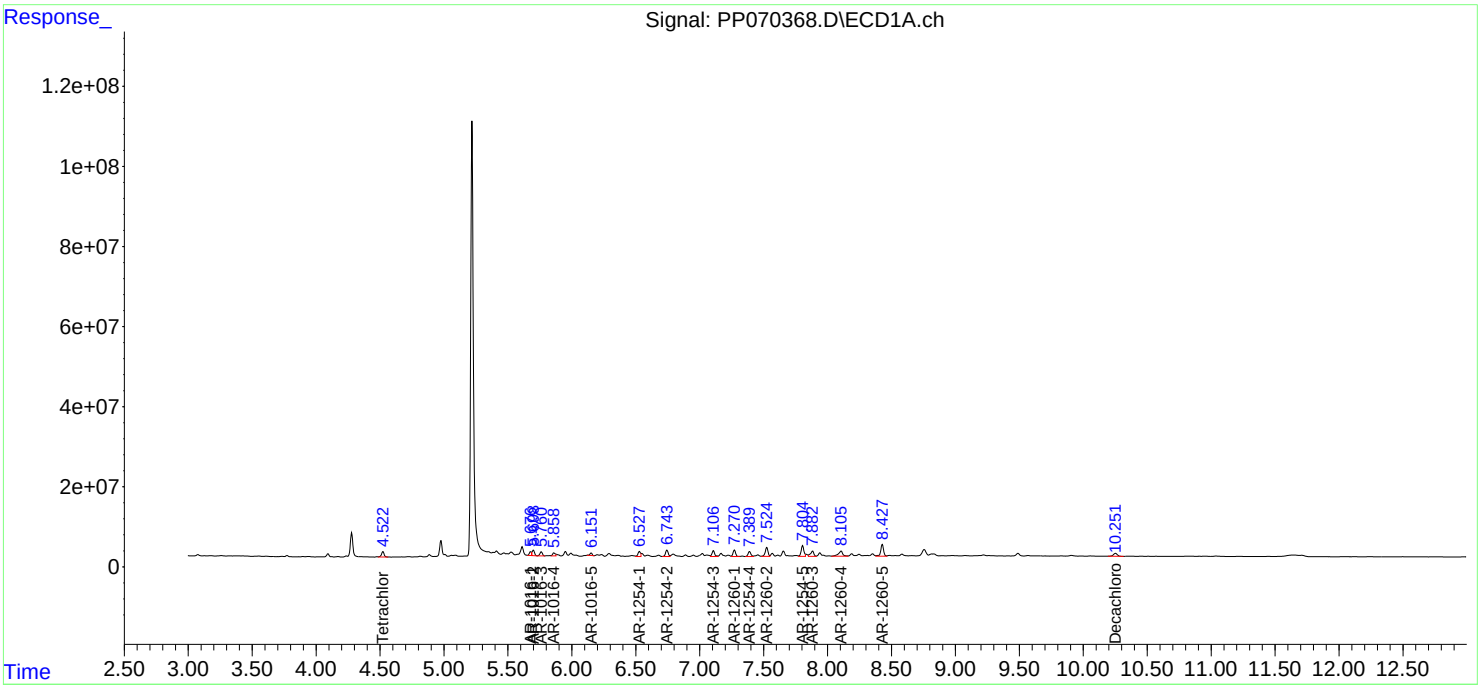
Instrument :
ECD_P
ClientSampleId :
RBR251372MS

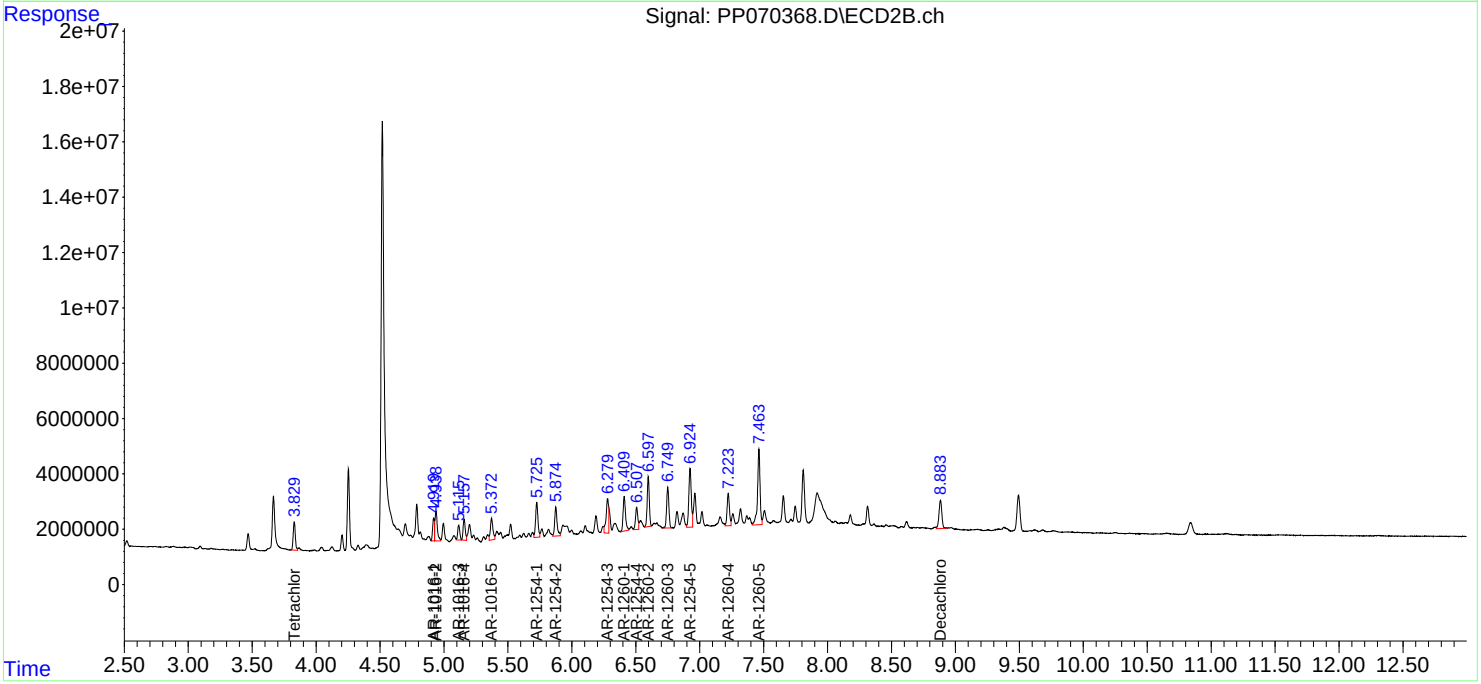
Manual Integrations APPROVED

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





Raw Data: **PO109689.D**

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

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.:	Q1438
Lab Sample ID:	Q1434-02MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	72.3 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
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\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

	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

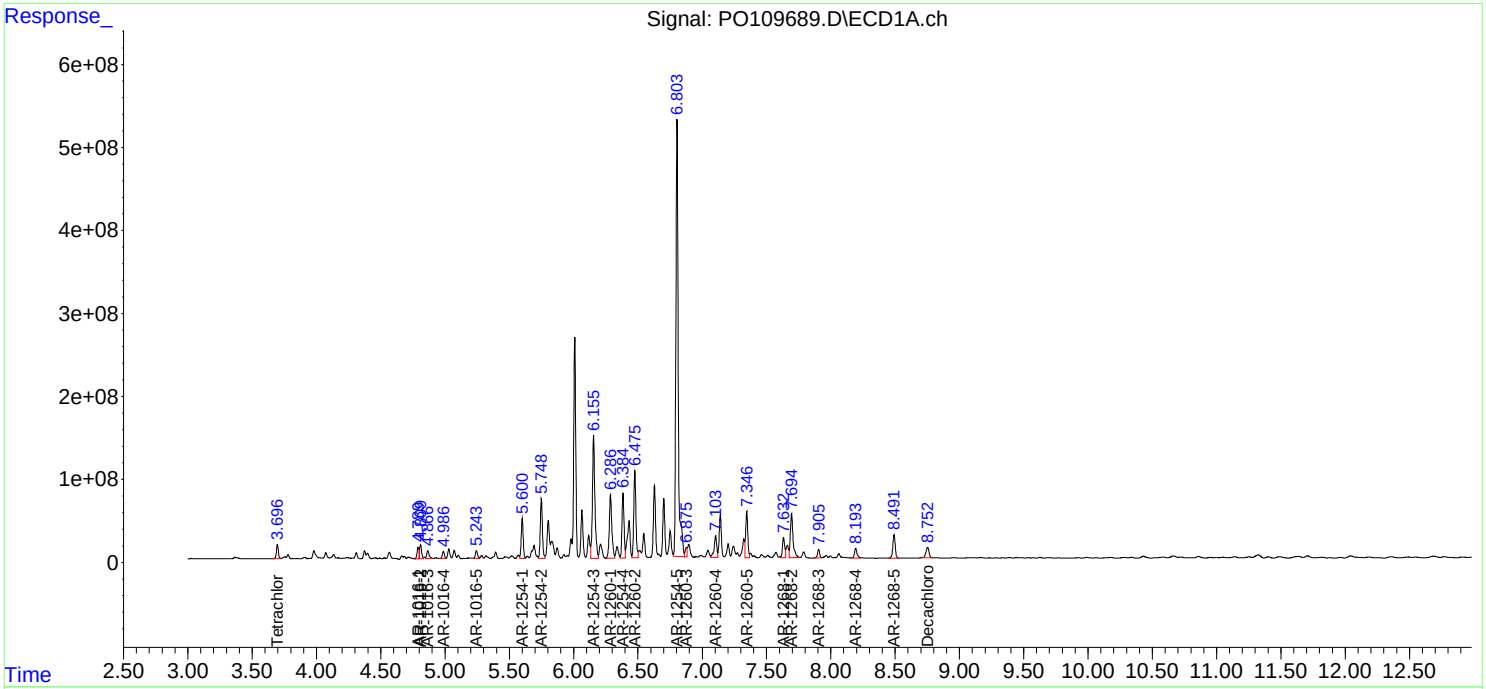
Instrument :
ECD_O
ClientSampleId :
K084-4CMSD

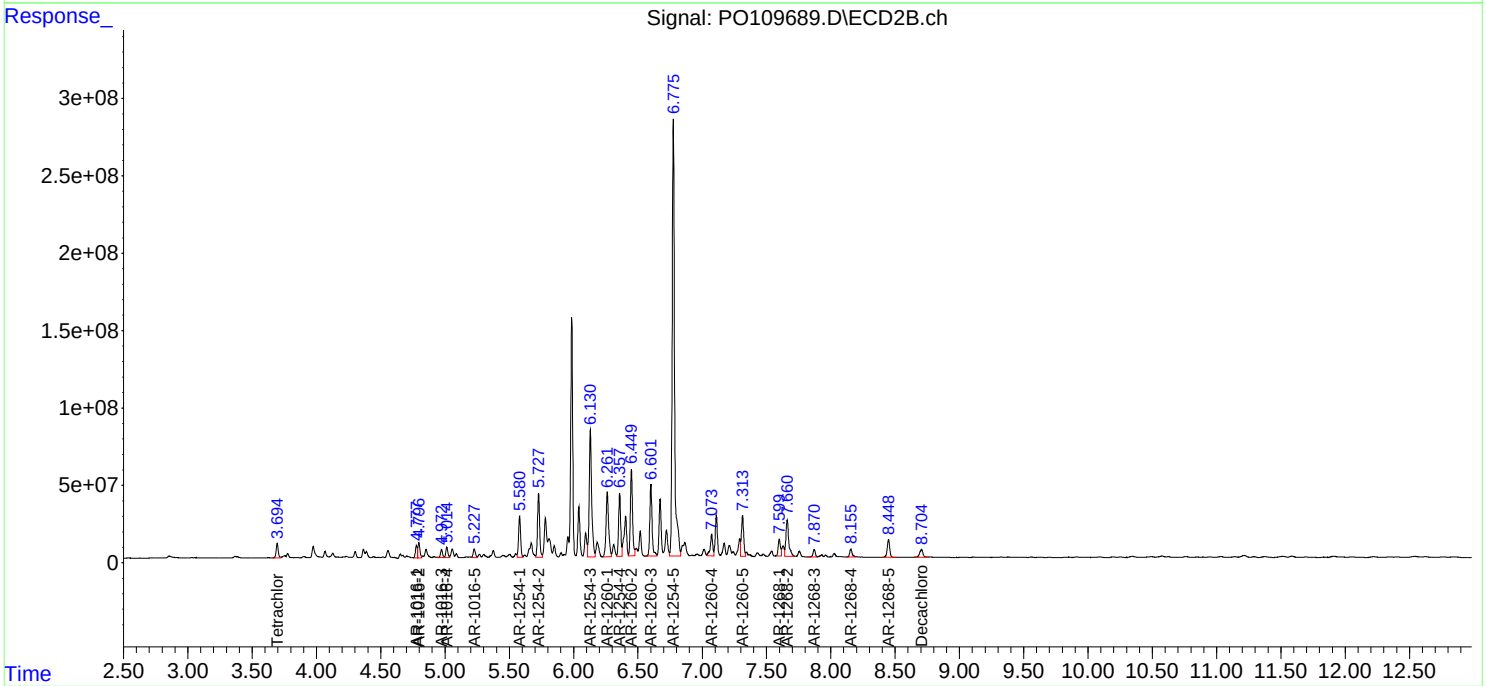
Manual Integrations APPROVED

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





Raw Data: **PO109543.D**

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	02/26/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	02/26/25
Client Sample ID:	351MSD	SDG No.:	Q1438
Lab Sample ID:	Q1442-03MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.5 Decanted:
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
PO109543.D	1	02/27/25 09:56	02/27/25 22:02	PB166892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	182		3.90	19.4	ug/kg
11104-28-2	Aroclor-1221	7.30	U	7.30	19.4	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.4	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.4	ug/kg
12672-29-6	Aroclor-1248	9.00	U	9.00	19.4	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.4	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.4	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.4	ug/kg
11096-82-5	Aroclor-1260	168		3.30	19.4	ug/kg
Total PCBs	Total PCBs	350		7.20	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.9		32 - 175	75%	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

Sample Results: **PO109543.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109543.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 22:02
Operator : YP/AJ
Sample : Q1442-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
351MSD

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 03:25:39 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.695	170.2E6	98420714	17.977	18.803
2)	SA Decachlor...	8.754	8.706	113.3E6	47539004	13.172m	14.929
	Target Compounds						
3)	L1 AR-1016-1	4.791	4.778	137.4E6	76177256	445.621	487.783
4)	L1 AR-1016-2	4.810	4.797	189.6E6	110.3E6	450.434m	509.420m
5)	L1 AR-1016-3	4.866	4.972	126.6E6	58844521	427.993	492.624m
6)	L1 AR-1016-4	4.987	5.015	105.9E6	43392991	456.730m	416.957
7)	L1 AR-1016-5	5.245	5.229	120.0E6	66380417	464.884m	487.183
31)	L7 AR-1260-1	6.287	6.261	201.1E6	102.0E6	431.371	430.642
32)	L7 AR-1260-2	6.475	6.449	236.4E6	113.9E6	418.268	413.901
33)	L7 AR-1260-3	6.844	6.601	167.9E6	123.1E6	353.014	482.531m#
34)	L7 AR-1260-4	7.105	7.074	175.7E6	100.4E6	407.110	487.046
35)	L7 AR-1260-5	7.347	7.314	319.0E6	175.5E6	320.977	391.866

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

Sample Results: **PO109543.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109543.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 22:02
Operator : YP/AJ
Sample : Q1442-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

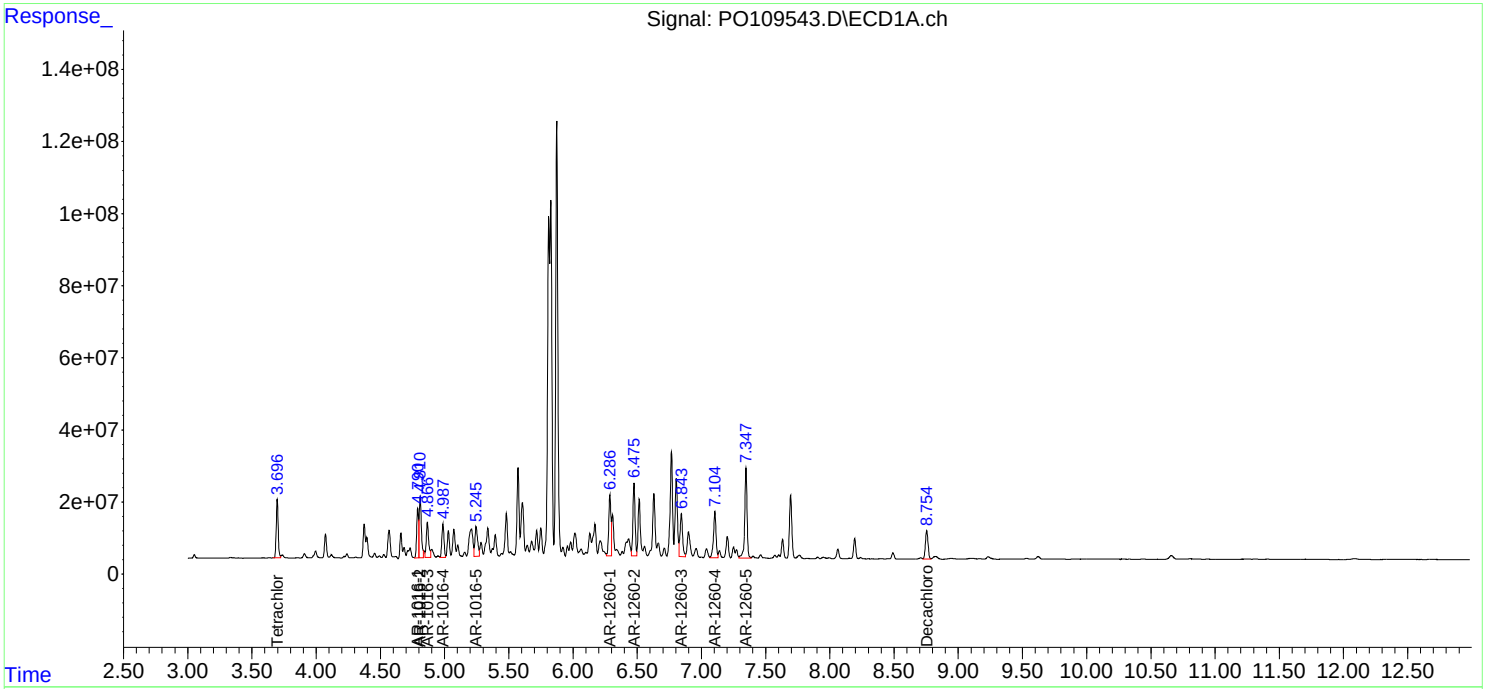
Instrument :
ECD_O
ClientSampleId :
351MSD

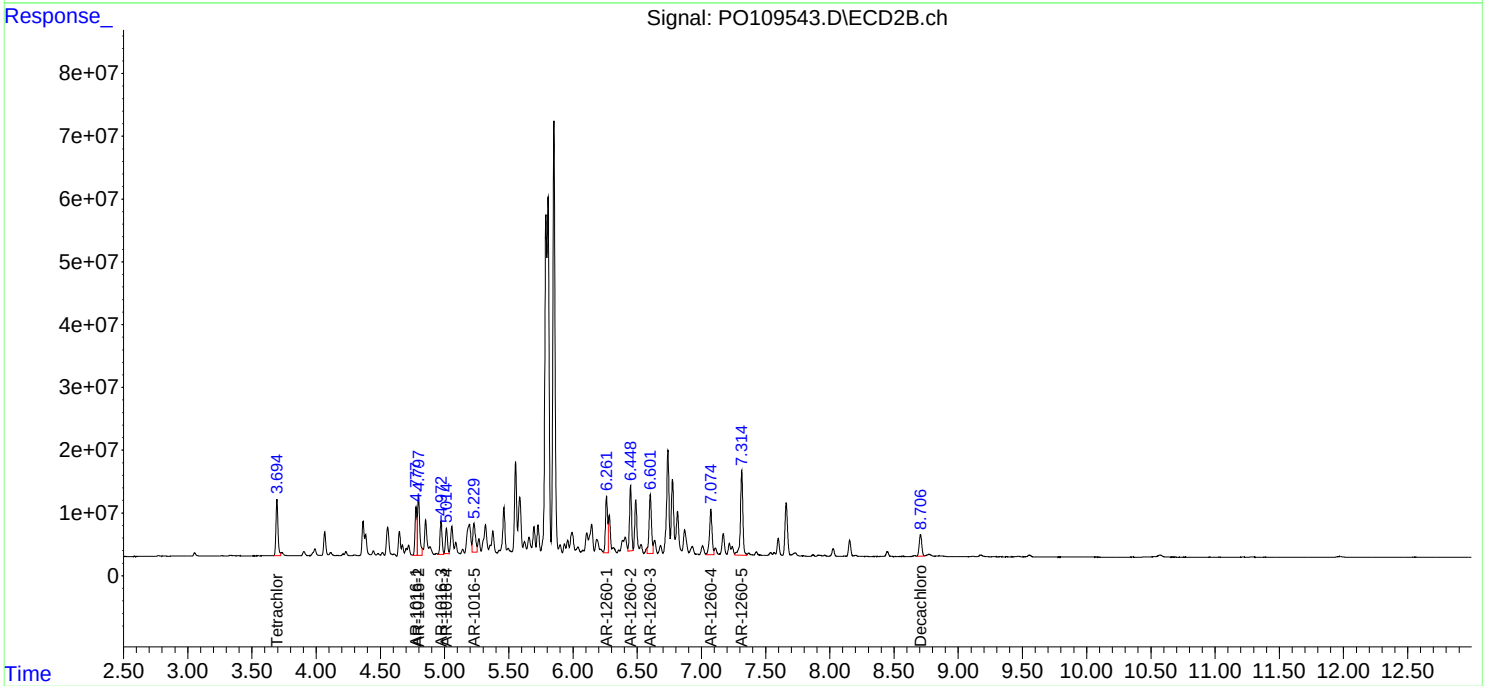
Manual Integrations APPROVED

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 03:25:39 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





Raw Data: **PP070369.D**

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Fax : 908 789 8922

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.:	Q1438
Lab Sample ID:	Q1508-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	71 Decanted:
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
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

Sample Results: **PP070369.D**

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.

Sample Results: **PP070369.D**

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

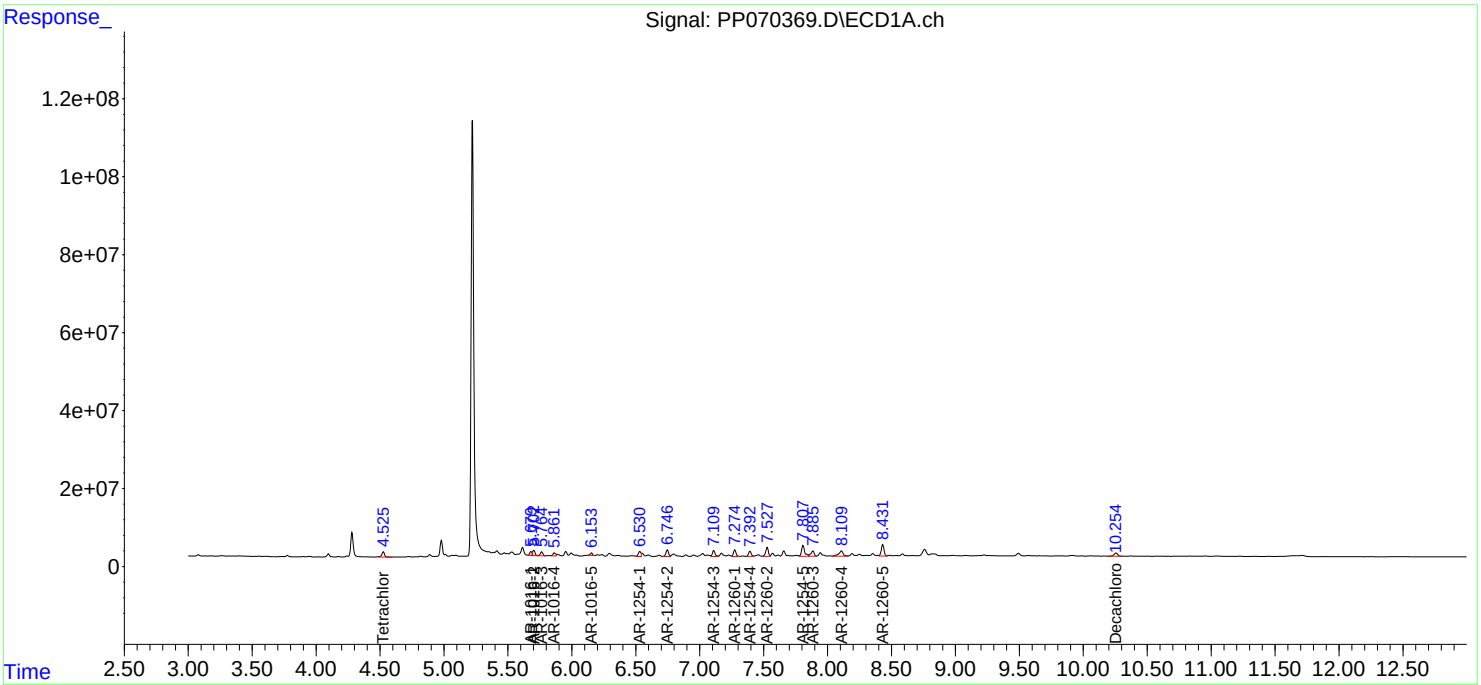
Instrument :
ECD_P
ClientSampleId :
RBR251372MSD

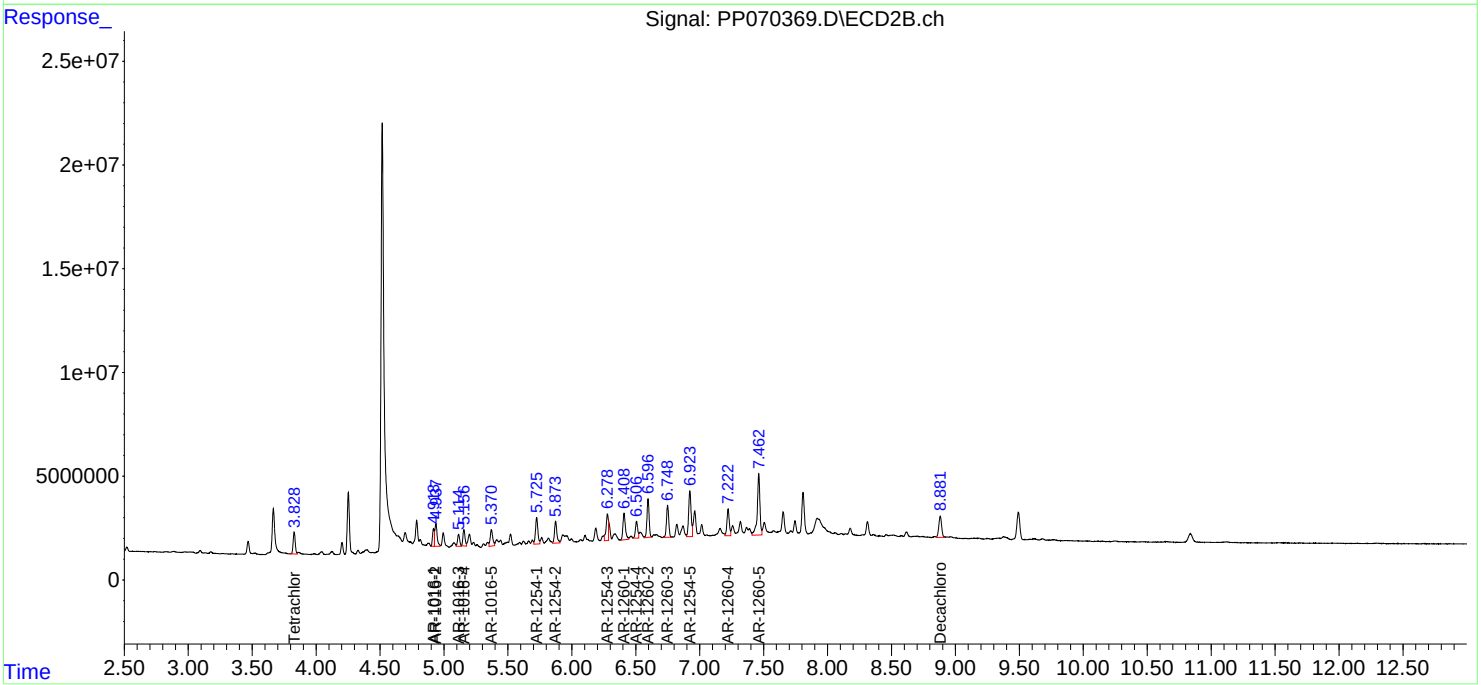
Manual Integrations APPROVED

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





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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
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

Alliance TECHNICAL GROUP
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Manual Integration Report

Sequence:	PO022725	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1438-06	PO109528.D	AR-1254-5	yogesh	2/28/2025 10:07:21 AM	Ankita	2/28/2025 12:43:47	Peak Integrated by Software
Q1438-07	PO109529.D	Tetrachloro-m-xylene #2	yogesh	2/28/2025 10:07:22 AM	Ankita	2/28/2025 12:43:51	Peak Integrated by Software
Q1442-03MSD	PO109543.D	AR-1016-2	yogesh	2/28/2025 10:07:26 AM	Ankita	2/28/2025 12:43:53	Peak Integrated by Software
Q1442-03MSD	PO109543.D	AR-1016-2 #2	yogesh	2/28/2025 10:07:26 AM	Ankita	2/28/2025 12:43:53	Peak Integrated by Software
Q1442-03MSD	PO109543.D	AR-1016-3 #2	yogesh	2/28/2025 10:07:26 AM	Ankita	2/28/2025 12:43:53	Peak Integrated by Software
Q1442-03MSD	PO109543.D	AR-1016-4	yogesh	2/28/2025 10:07:26 AM	Ankita	2/28/2025 12:43:53	Peak Integrated by Software
Q1442-03MSD	PO109543.D	AR-1016-5	yogesh	2/28/2025 10:07:26 AM	Ankita	2/28/2025 12:43:53	Peak Integrated by Software
Q1442-03MSD	PO109543.D	AR-1260-3 #2	yogesh	2/28/2025 10:07:26 AM	Ankita	2/28/2025 12:43:53	Peak Integrated by Software
Q1442-03MSD	PO109543.D	Decachlorobiphenyl	yogesh	2/28/2025 10:07:26 AM	Ankita	2/28/2025 12:43:53	Peak Integrated by Software
I.BLK	PO109574.D	Decachlorobiphenyl	yogesh	2/28/2025 10:07:47 AM	Ankita	2/28/2025 12:44:08	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PO022825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1438-06DL2	PO109584.D	AR-1254-5	yogesh	3/3/2025 9:31:34 AM	Ankita	3/4/2025 12:55:06	Peak Integrated by Software
Q1438-07DL	PO109585.D	AR-1254-1	yogesh	3/3/2025 9:31:36 AM	Ankita	3/4/2025 12:55:08	Peak Integrated by Software
Q1438-07DL	PO109585.D	AR-1254-1 #2	yogesh	3/3/2025 9:31:36 AM	Ankita	3/4/2025 12:55:08	Peak Integrated by Software
Q1438-07DL	PO109585.D	AR-1254-2	yogesh	3/3/2025 9:31:36 AM	Ankita	3/4/2025 12:55:08	Peak Integrated by Software
Q1438-07DL	PO109585.D	AR-1254-2 #2	yogesh	3/3/2025 9:31:36 AM	Ankita	3/4/2025 12:55:08	Peak Integrated by Software
Q1438-07DL	PO109585.D	AR-1268-1 #2	yogesh	3/3/2025 9:31:36 AM	Ankita	3/4/2025 12:55:08	Peak Integrated by Software
Q1438-07DL	PO109585.D	AR-1268-2 #2	yogesh	3/3/2025 9:31:36 AM	Ankita	3/4/2025 12:55:08	Peak Integrated by Software
Q1438-07DL	PO109585.D	AR-1268-3 #2	yogesh	3/3/2025 9:31:36 AM	Ankita	3/4/2025 12:55:08	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

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Manual Integration Report

Sequence:	PO030625	Instrument	ECD_o

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
Q1438-05	PO109676.D	AR-1268-1 #2	yogesh	3/7/2025 7:30:41 AM	mohammad	3/8/2025 4:30:36	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
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

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Manual Integration Report

Sequence:	PO030625	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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

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

Manual Integration Report

Sequence:	PP022425	Instrument	ECD_p

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

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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
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

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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
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

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Manual Integration Report

Sequence:	PP030725	Instrument	ECD_p

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
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
Q1438-01	PP070364.D	AR-1254-1	yogesh	3/10/2025 8:00:45 AM	Ankita	3/10/2025 10:58:43	Peak Integrated by Software
Q1438-01	PP070364.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:45 AM	Ankita	3/10/2025 10:58:43	Peak Integrated by Software
Q1438-01	PP070364.D	AR-1268-2 #2	yogesh	3/10/2025 8:00:45 AM	Ankita	3/10/2025 10:58:43	Peak Integrated by Software
Q1438-09	PP070365.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:47 AM	Ankita	3/10/2025 10:58:45	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
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

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Manual Integration Report

Sequence:	PP030725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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
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

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Manual Integration Report

Sequence:	PP030725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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,PP2376 5,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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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 reanalzyed	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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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 ini 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

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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 surogate 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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch 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	

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

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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	

19	AR1248ICC050	AR1248ICC050	PP070012.D	24 Feb 2025 19:19		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP070013.D	24 Feb 2025 19:35		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP070014.D	24 Feb 2025 19:51		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP070015.D	24 Feb 2025 20:08		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP070016.D	24 Feb 2025 20:24		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP070017.D	24 Feb 2025 20:40		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP070018.D	24 Feb 2025 20:56		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP070019.D	24 Feb 2025 21:12		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP070020.D	24 Feb 2025 21:29		YP\AJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP070021.D	24 Feb 2025 21:45		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP070022.D	24 Feb 2025 22:01		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP070023.D	24 Feb 2025 22:17		YP\AJ	Ok,M
31	PP022425ICV500	ICVPP022425	PP070024.D	24 Feb 2025 22:34		YP\AJ	Ok
32	AR1242ICV500	ICVPP022425AR1242	PP070025.D	24 Feb 2025 22:50		YP\AJ	Ok
33	AR1248ICV500	ICVPP022425AR1248	PP070026.D	24 Feb 2025 23:06		YP\AJ	Ok
34	AR1254ICV500	ICVPP022425AR1254	PP070027.D	24 Feb 2025 23:22		YP\AJ	Ok
35	AR1268ICV500	ICVPP022425AR1268	PP070028.D	24 Feb 2025 23:38		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP070338.D	07 Mar 2025 08:57		YP\AJ	Ok
3	I.BLK	I.BLK	PP070339.D	07 Mar 2025 09:15		YP\AJ	Ok
4	Q1434-10DL	K084-7CDL	PP070340.D	07 Mar 2025 09:32	AR1254 + AR1268 Hit	YP\AJ	Ok,M
5	Q1436-02DL	K084-8BDL	PP070341.D	07 Mar 2025 09:48	AR1254 + AR1268 Hit	YP\AJ	Ok,M
6	Q1436-08DL	K084-10BDL	PP070342.D	07 Mar 2025 10:04	AR1254 + AR1268 Hit, Need dilution	YP\AJ	Dilution
7	Q1436-08DL2	K084-10BDL2	PP070343.D	07 Mar 2025 10:20	AR1254 + AR1268 Hit	YP\AJ	Ok,M
8	AR1660CCC500	AR1660CCC500	PP070344.D	07 Mar 2025 10:58		YP\AJ	Ok
9	AR1242CCC500	AR1242CCC500	PP070345.D	07 Mar 2025 11:14		YP\AJ	Ok
10	AR1248CCC500	AR1248CCC500	PP070346.D	07 Mar 2025 11:31		YP\AJ	Ok
11	AR1254CCC500	AR1254CCC500	PP070347.D	07 Mar 2025 11:47		YP\AJ	Ok,M
12	I.BLK	I.BLK	PP070348.D	07 Mar 2025 12:03		YP\AJ	Ok
13	PB167005BL	PB167005BL	PP070349.D	07 Mar 2025 12:19		YP\AJ	Ok
14	Q1472-01	40308	PP070350.D	07 Mar 2025 12:36	TCMX High 2nd column	YP\AJ	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	YP\AJ	Ok,M
16	Q1437-04DL	K084-12BDL	PP070352.D	07 Mar 2025 13:08	AR1254 + AR1268 Hit, Need dilution 20x	YP\AJ	Dilution

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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	

17	Q1437-04DL2	K084-12BDL2	PP070353.D	07 Mar 2025 13:24	AR1254 + AR1268 Hit, All Surrogate High	YP\AJ	Ok,M
18	PB167029BL	PB167029BL	PP070354.D	07 Mar 2025 13:41		YP\AJ	Ok
19	PB167029BS	PB167029BS	PP070355.D	07 Mar 2025 13:57		YP\AJ	Ok
20	Q1437-02	K084-11C	PP070356.D	07 Mar 2025 14:13	AR1254 + AR1268 Hit,	YP\AJ	Ok,M
21	Q1437-05	K084-12C	PP070357.D	07 Mar 2025 14:29	AR1254 + AR1268 Hit	YP\AJ	Ok
22	Q1437-08	K084-13C	PP070358.D	07 Mar 2025 14:46	AR1254 + AR1268 Hit	YP\AJ	Ok,M
23	AR1660CCC500	AR1660CCC500	PP070359.D	07 Mar 2025 15:45		YP\AJ	Ok
24	AR1242CCC500	AR1242CCC500	PP070360.D	07 Mar 2025 16:01		YP\AJ	Ok,M
25	AR1248CCC500	AR1248CCC500	PP070361.D	07 Mar 2025 16:18		YP\AJ	Ok,M
26	AR1254CCC500	AR1254CCC500	PP070362.D	07 Mar 2025 16:34		YP\AJ	Ok,M
27	I.BLK	I.BLK	PP070363.D	07 Mar 2025 16:50		YP\AJ	Ok
28	Q1438-01	K084-14C	PP070364.D	07 Mar 2025 17:06	AR1254 + AR1268 Hit	YP\AJ	Ok,M
29	Q1438-09	K084-DUP4	PP070365.D	07 Mar 2025 17:23	AR1254 Hit	YP\AJ	Ok,M
30	Q1507-01	50-MIDDLESEX-AVE	PP070366.D	07 Mar 2025 17:39	AR1254 Hit	YP\AJ	Ok,M
31	Q1508-01	RBR251372	PP070367.D	07 Mar 2025 17:55	AR1254 Hit	YP\AJ	Ok,M
32	Q1508-01MS	RBR251372MS	PP070368.D	07 Mar 2025 18:11		YP\AJ	Ok,M
33	Q1508-01MSD	RBR251372MSD	PP070369.D	07 Mar 2025 18:27		YP\AJ	Ok,M
34	Q1514-01	ENV-105-SB01	PP070370.D	07 Mar 2025 18:44		YP\AJ	Ok
35	Q1514-03	ENV-105-SB02	PP070371.D	07 Mar 2025 19:00		YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch 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	

36	Q1514-05	ENV-103-SB01	PP070372.D	07 Mar 2025 19:16	AR1254 + AR1260 Hit	YP\AJ	Ok,M
37	Q1515-01	AU-06-030625	PP070373.D	07 Mar 2025 19:32		YP\AJ	Ok,M
38	AR1660CCC500	AR1660CCC500	PP070374.D	07 Mar 2025 20:32		YP\AJ	Ok,M
39	AR1242CCC500	AR1242CCC500	PP070375.D	07 Mar 2025 20:48		YP\AJ	Ok,M
40	AR1248CCC500	AR1248CCC500	PP070376.D	07 Mar 2025 21:04		YP\AJ	Ok,M
41	AR1254CCC500	AR1254CCC500	PP070377.D	07 Mar 2025 21:21		YP\AJ	Ok,M
42	I.BLK	I.BLK	PP070378.D	07 Mar 2025 21:37		YP\AJ	Ok,M
43	Q1516-01	GAS-AUD-25-0004	PP070379.D	07 Mar 2025 21:53	AR1254 Hit	YP\AJ	Ok,M
44	Q1516-02	GAS-AUD-25-0025	PP070380.D	07 Mar 2025 22:09		YP\AJ	Ok,M
45	Q1518-01	OILY-DEBRIS-COMP	PP070381.D	07 Mar 2025 22:26		YP\AJ	Ok
46	Q1510-01	FMC-25-0001-0005	PP070382.D	07 Mar 2025 22:42	DCB High in 2nd column	YP\AJ	Ok,M
47	Q1510-02	FMC-25-0006	PP070383.D	07 Mar 2025 22:58	DCB High in 2nd column,	YP\AJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PP070384.D	07 Mar 2025 23:58		YP\AJ	Ok
49	AR1242CCC500	AR1242CCC500	PP070385.D	08 Mar 2025 00:14		YP\AJ	Ok,M
50	AR1248CCC500	AR1248CCC500	PP070386.D	08 Mar 2025 00:30		YP\AJ	Ok,M
51	AR1254CCC500	AR1254CCC500	PP070387.D	08 Mar 2025 00:46		YP\AJ	Ok
52	I.BLK	I.BLK	PP070388.D	08 Mar 2025 01:03		YP\AJ	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)

1361830

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	GENV01	H31	02/27/2025	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 WRC

Raw Sample Relinquished by: [signature]

Date/Time 02/27/25 17:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JP WRC

WORKLIST(Hardcopy Internal Chain)

VB 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: JP WOC

Raw Sample Relinquished by:

Date/Time 02/27/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by: JP WOC

WORKLIST(Hardcopy Internal Chain)

VB 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	PSEG03	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: [illegible] (WPC)

Raw Sample Relinquished by: [illegible]

Date/Time 02/27/25 17:35

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible] (WPC)

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: JR WOC

Raw Sample Relinquished by: CP SM

Date/Time 02/28/25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JR WOC

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)

UB134919

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

Raw Sample Received by: JD WC)

Raw Sample Relinquished by: CR SM

Date/Time 03/06/26 17:40

Raw Sample Received by: CR SM

Raw Sample Relinquished by: JD WC

WORKLIST(Hardcopy Internal Chain)

LB 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 03/06/25

Raw Sample Received by: JC Curl

Raw Sample Relinquished by: CP SM

Date/Time 03/06/25 17:40

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JC Curl

WORKLIST(Hardcopy Internal Chain)

VB134919

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 16:20
Raw Sample Received by: JR CWC
Raw Sample Relinquished by: CP SM

Date/Time 03/06/25 17:40
Raw Sample Received by: CP SM
Raw Sample Relinquished by: JR CWC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166892

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh 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 : 02/27/2025

Extraction Start Time : 09:56

Extraction End Date : 02/27/2025

Extraction End Time : 12:55

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	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

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721. Q1442-01,Q1443-01 used Limited volume as sample are Oily Debris.

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 (Ext Lab)	AJ / TEST PCB Lab
13:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166892

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				
PB166892BL	ABLK892	PCB Group1	30.03	N/A	ritesh	Evelyn	10			U6-1
PB166892BS	ALCS892	PCB Group1	30.02	N/A	ritesh	Evelyn	10			2
Q1438-02	KO84-15B	PCB Group1	30.02	N/A	ritesh	Evelyn	10			3
Q1438-04	KO84-16B	PCB Group1	30.06	N/A	ritesh	Evelyn	10			4
Q1438-06	KO84-DUP1	PCB Group1	30.01	N/A	ritesh	Evelyn	10			5
Q1438-07	KO84-DUP2	PCB Group1	30.05	N/A	ritesh	Evelyn	10			6
Q1438-08	KO84-DUP3	PCB Group1	30.08	N/A	ritesh	Evelyn	10			U7-1
Q1438-10	KO84-DUP5	PCB Group1	30.06	N/A	ritesh	Evelyn	10			2
Q1440-01	OR-02-022625	PCB	30.03	N/A	ritesh	Evelyn	10	D		3
Q1441-01	HD-02-022625	PCB	30.05	N/A	ritesh	Evelyn	10	D		4
Q1442-01	280	PCB	5.03	N/A	ritesh	Evelyn	10	D	Oily Debris	5
Q1442-02	281	PCB	30.01	N/A	ritesh	Evelyn	10	D	Small Particle	6
Q1442-03	351	PCB	30.03	N/A	ritesh	Evelyn	10	D		U3-1
Q1442-03MS	351MS	PCB	30.07	N/A	ritesh	Evelyn	10	D		2
Q1442-03MSD	351MSD	PCB	30.05	N/A	ritesh	Evelyn	10	D		3
Q1443-01	3733	PCB	5.08	N/A	ritesh	Evelyn	10	D	Oily Debris	4
Q1447-01	WC1	PCB	30.06	N/A	ritesh	Evelyn	10	B		5

RS
2/27

* **Extracts relinquished on the same date as received.**

66 8V 9:56

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1438 **WorkList ID :** 187924 **Department :** Extraction **Date :** 02-27-2025 08:45:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1438-02	KO84-15B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-04	KO84-16B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-06	KO84-DUP1	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-07	KO84-DUP2	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-08	KO84-DUP3	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-10	KO84-DUP5	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1440-01	OR-02-022625	Solid	PCB	Cool 4 deg C	PSEG05	H41	02/26/2025	8082A
Q1441-01	HD-02-022625	Solid	PCB	Cool 4 deg C	PSEG05	H31	02/26/2025	8082A
Q1442-01	280	Solid	PCB	Cool 4 deg C	PSEG03	H31	02/26/2025	8082A
Q1442-02	281	Solid	PCB	Cool 4 deg C	PSEG03	H31	02/26/2025	8082A
Q1442-03	351	Solid	PCB	Cool 4 deg C	PSEG03	N31	02/26/2025	8082A
Q1443-01	3733	Solid	PCB	Cool 4 deg C	PSEG03	H31	02/26/2025	8082A
Q1447-01	WC1	Solid	PCB	Cool 4 deg C	GENV01	H33	02/23/2025	8082A

Date/Time 2/27/25 9:52
Raw Sample Received by: RJ (Ext-Lab)
Raw Sample Relinquished by: CA SM

Date/Time 2/27/25 10:20
Raw Sample Received by: CA SM
Raw Sample Relinquished by: RJ (Ext-Lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167022

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 : 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

Standared 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)	Y.P. post IPC3
14:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167022

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
Q1434-02MSD	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

RS
316

* **Extracts relinquished on the same date as received.**

167022
11:40

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: RJ (Ext-lab)
Raw Sample Relinquished by: OP

Date/Time 3/6/25 12:10
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext-lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167029

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh 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

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/7/25	RS (Ext lab)	T. P. Pest-IPC
11:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167029

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
Q1508-01MSD	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

RS
3/7

* **Extracts relinquished on the same date as received.**

167029 8:25

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 lab)
Raw Sample Relinquished by:

Date/Time 3/7/25 8:50
Raw Sample Received by:
Raw Sample Relinquished by: RJ (EXT. lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q1438

Test : PCB Group1

Prepbatch ID : PB166892,PB167022,PB167029,

Sequence ID/Qc Batch ID: PO022725,PO022825,PO030625,PO030725,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,P 11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12948,P12957,P13033,P13350,P13353,P13354,P13372,W3112,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2590	02/26/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 02/26/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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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

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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 /	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

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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

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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

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Fax : 908 789 8922

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

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Fax : 908 789 8922

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

avantor™ | J.T.Baker®

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	<= 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

James T Ethier

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 QUIMICOS 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_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_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 foreing 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.

RG-02-01, Ed. 3

Recd. by RB on 7/24/23 E3551

Acetone
CMOS

avantor™ | J.T.Baker®

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 ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	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

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

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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

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Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result

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™ | J.T.Baker®

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_2SO_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

E3805

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

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)	≥ 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_2SO_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

E3825

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) 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

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) 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 12/13/24

E 3846

JCroak

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™ | J.T.Baker®

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)	≥ 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_2SO_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

E3872

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) 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

JCroak
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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) 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

JCroak
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

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

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

Material No.: 9530-33
Batch No.: 0000281827

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

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

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Certificate #3222.01

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Certificate #3222.02

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	1,007.0 µg/mL	+/- 5.8683	µg/mL	Gravimetric
	CAS # 12674-11-2 (Lot 04)		+/- 31.9082	µg/mL	Unstressed
	Purity ----%		+/- 41.6868	µg/mL	Stressed
2	Aroclor 1260	1,008.0 µg/mL	+/- 5.8741	µg/mL	Gravimetric
	CAS # 11096-82-5 (Lot 07)		+/- 31.9399	µg/mL	Unstressed
	Purity ----%		+/- 41.7282	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10476
&
P10480

AR
02/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

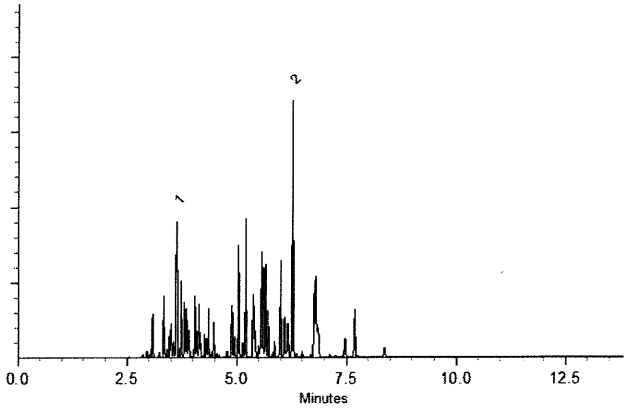
Carrier Gas:
helium-constant pressure 20 psi.

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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Certificate #3222.02

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
J
P10500

AJ
09/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

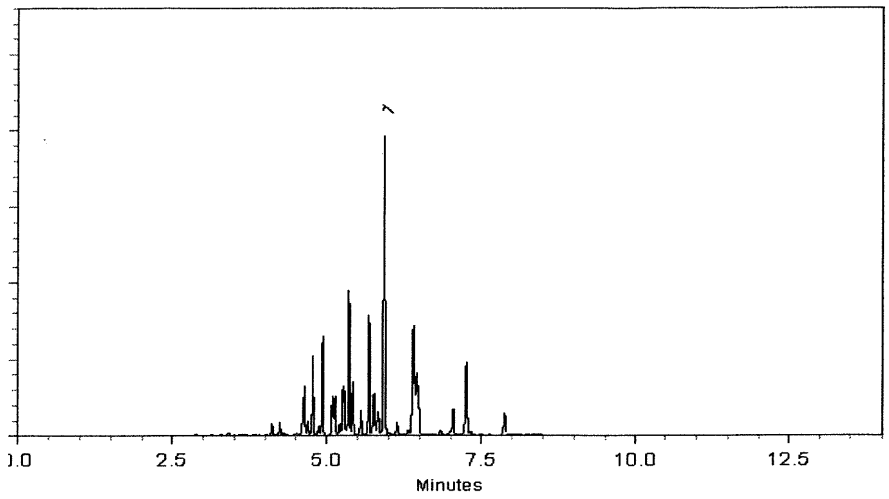
Carrier Gas:
helium-constant pressure 20 psi.

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 - Operations Tech I

Date Mixed: 03-Jan-2021 **Balance:** B707717271

Marlina 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

	CERTIFIED VALUES			
Component Name	Concentration	Expanded Uncertainty	CAS#	Analyte Lot
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.

P11533 + P11537

AJ 02/21/22

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

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

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
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 12/21/22

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

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

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:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
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

www.agilent.com/quality/
CSD-QA-015.1

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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. : 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)

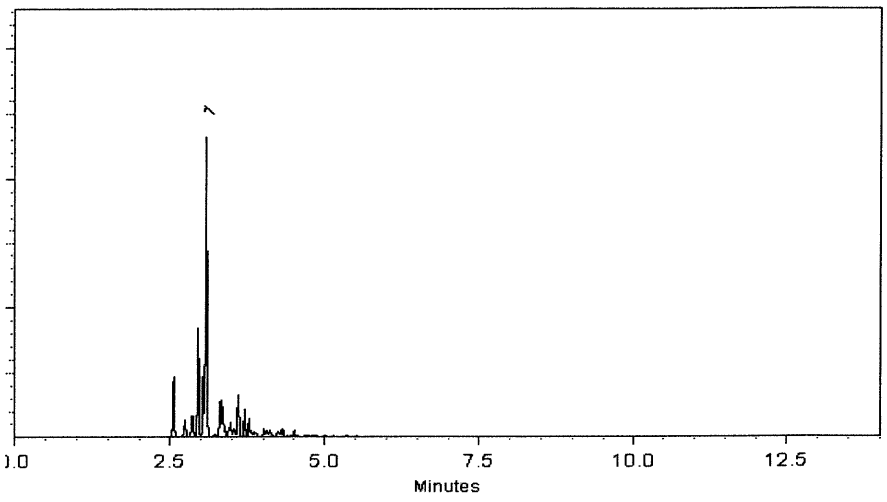
Carrier Gas:
helium-constant pressure 20 psi.

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 - Operations Tech I

Date Mixed: 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11578 ↓ P11582 (5)

AR 04/30/22

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Certificate #3222.01

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Testing Laboratory
Certificate #3222.02

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 ↓ P11597 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

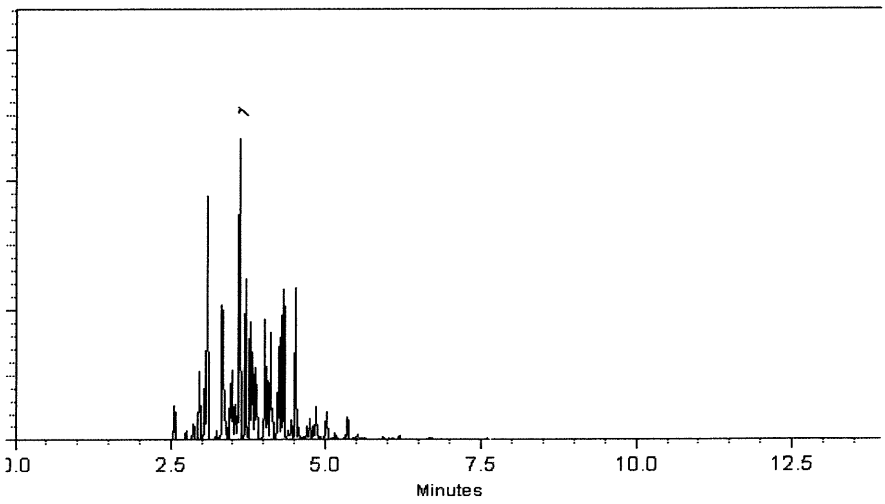
Carrier Gas:
helium-constant pressure 20 psi.

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 - Operations Tech I

Date Mixed: 13-Jun-2021 **Balance:** B442140311

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

RESTEK®
110 Benner Circle
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

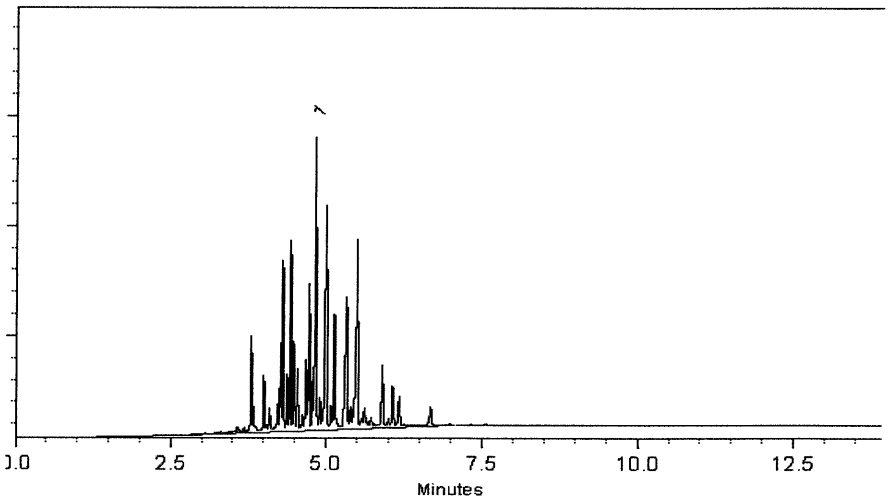
Carrier Gas:
helium-constant pressure 20 psi.

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 - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

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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	1,001.4 µg/mL	+/- 5.9480	µg/mL	Gravimetric
	CAS # 11100-14-4 (Lot 10947000)		+/- 31.7516	µg/mL	Unstressed
	Purity ----%		+/- 41.4710	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11593 (5)
↓
P 11597

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

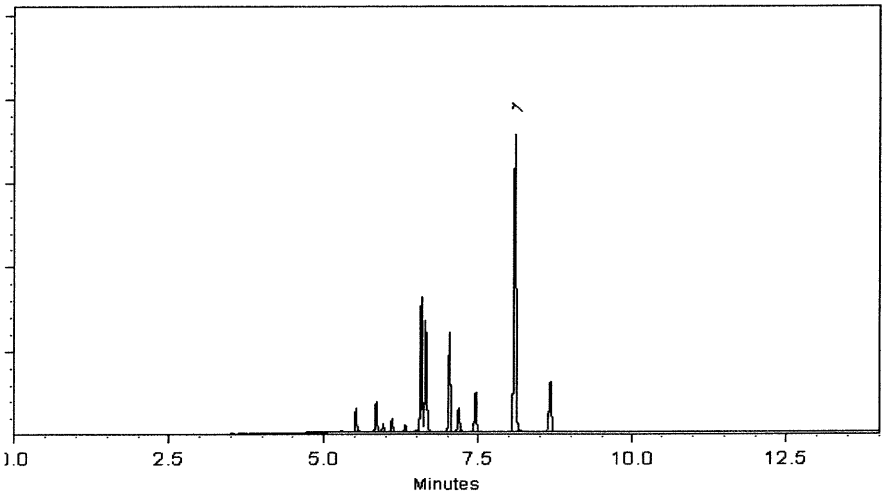
Carrier Gas:
helium-constant pressure 20 psi.

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.

Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022 **Balance:** 1128360905

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
04/30/2022

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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 (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Aceton

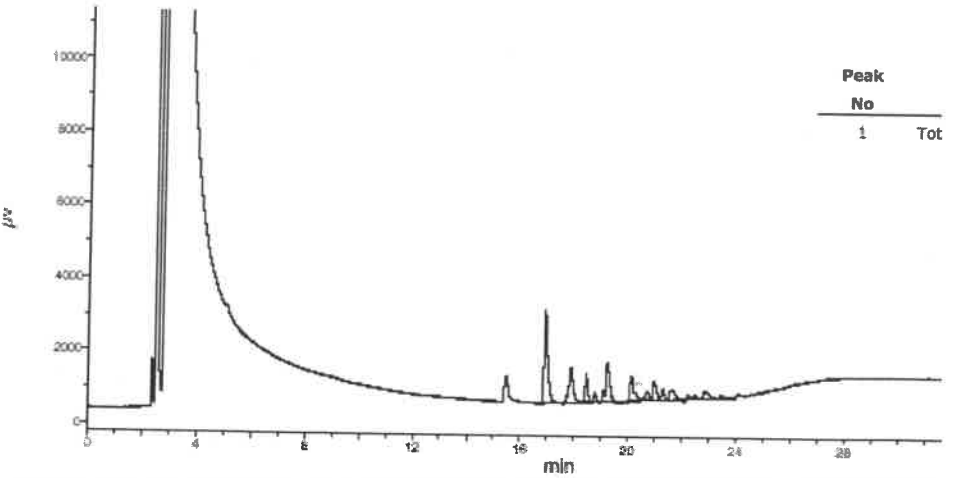
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/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 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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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
12/07/23

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

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

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.)

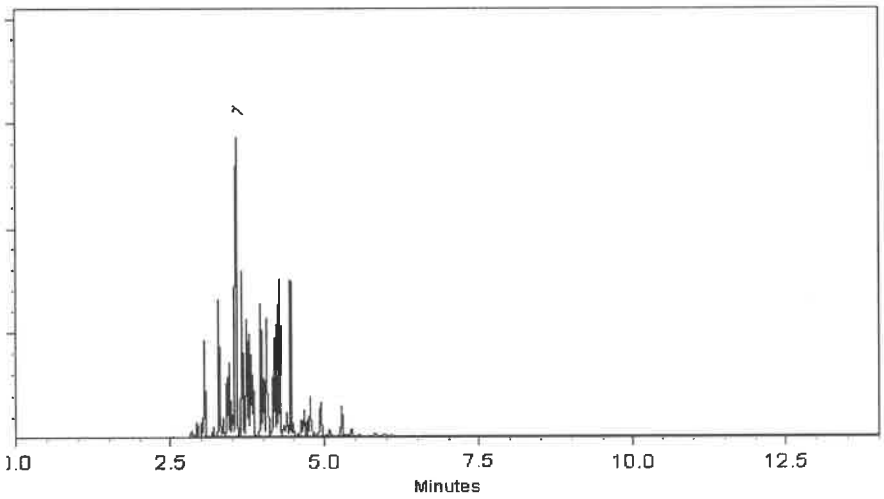
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



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 Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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.

P12933 ↓ P12937 AJ 12/07/23

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

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

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

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.)

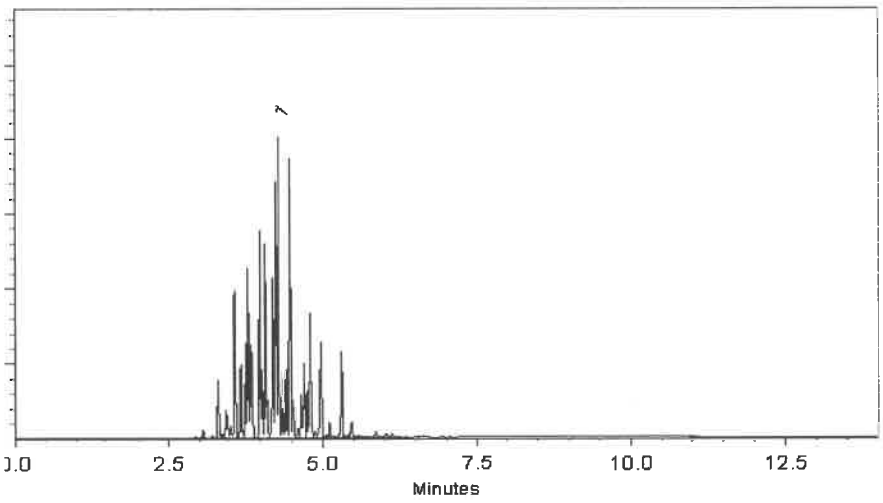
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



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:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

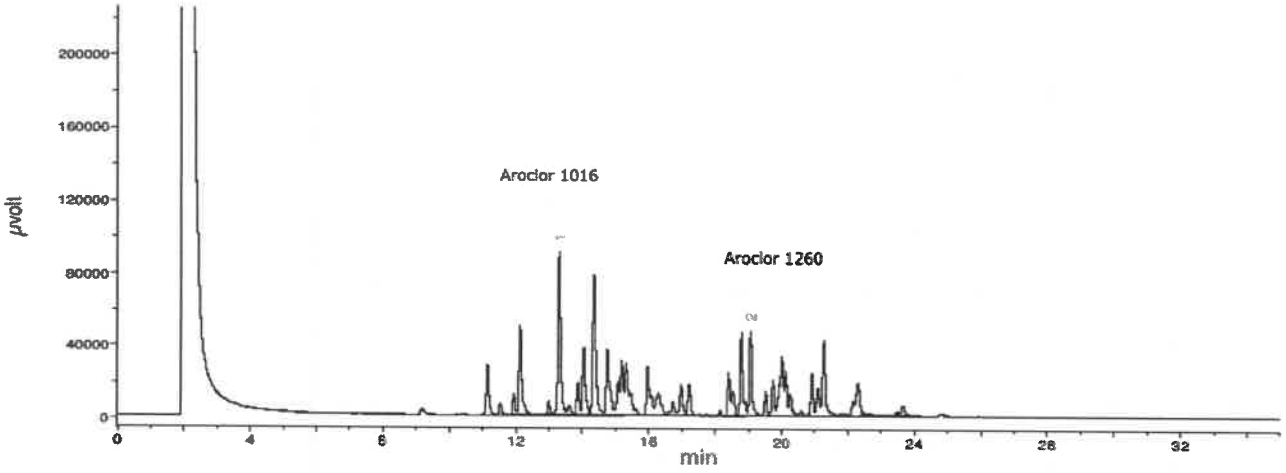
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

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)	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	11096-82-5	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).
- Standards are certifed (+/-) 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
Hydogen (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 WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

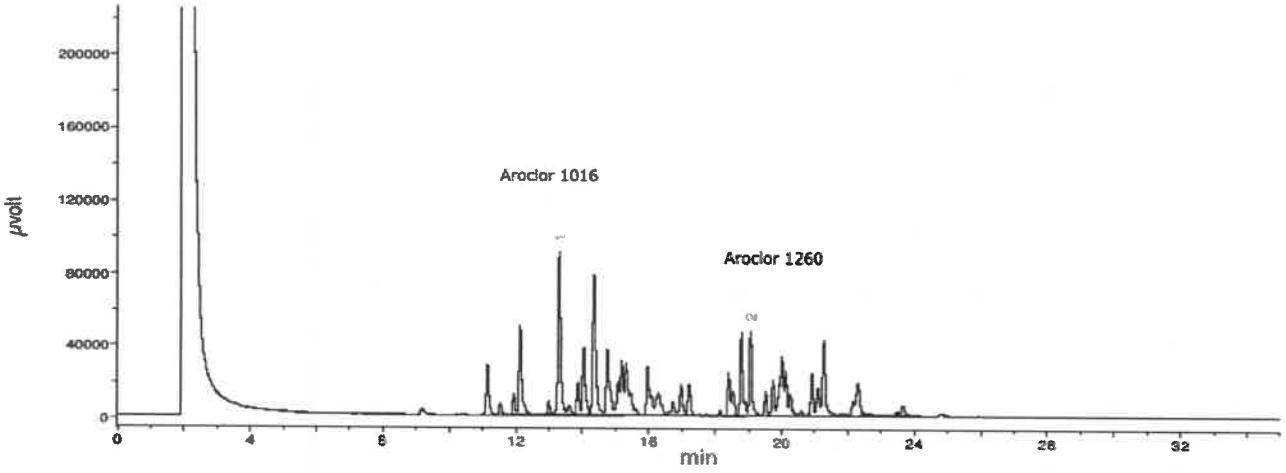
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

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)	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	11096-82-5	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).
- Standards are certifed (+/-) 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
Hydogen (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 WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y.P. 12/20/23

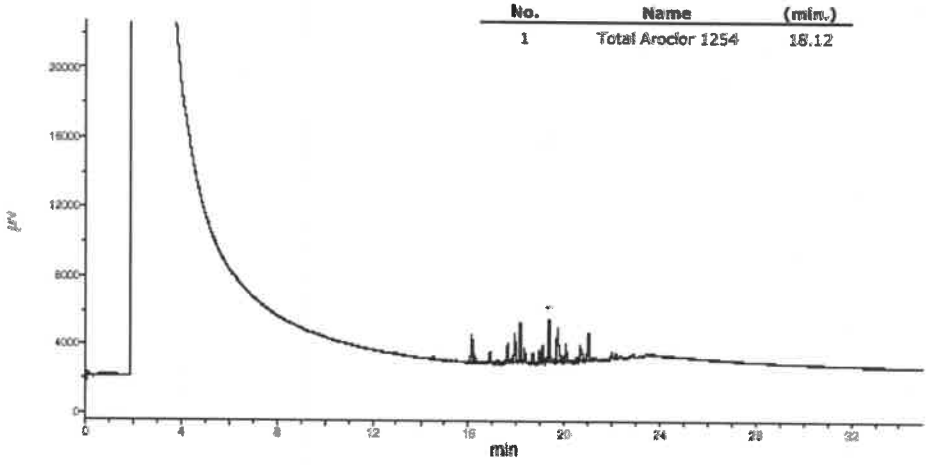
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (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	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-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 certifed (+/-) 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 = 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

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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CERTIFIED WEIGHT REPORT

Part Number: 90165
Lot Number: 112322
Description: Aroclor 1262

Solvent(s): Hexane **Lot#** 273615

Expiration Date: 112332
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

Weight(s) shown below were combined and diluted to (mL): 50.0 ± 0.005 Flask Uncertainty

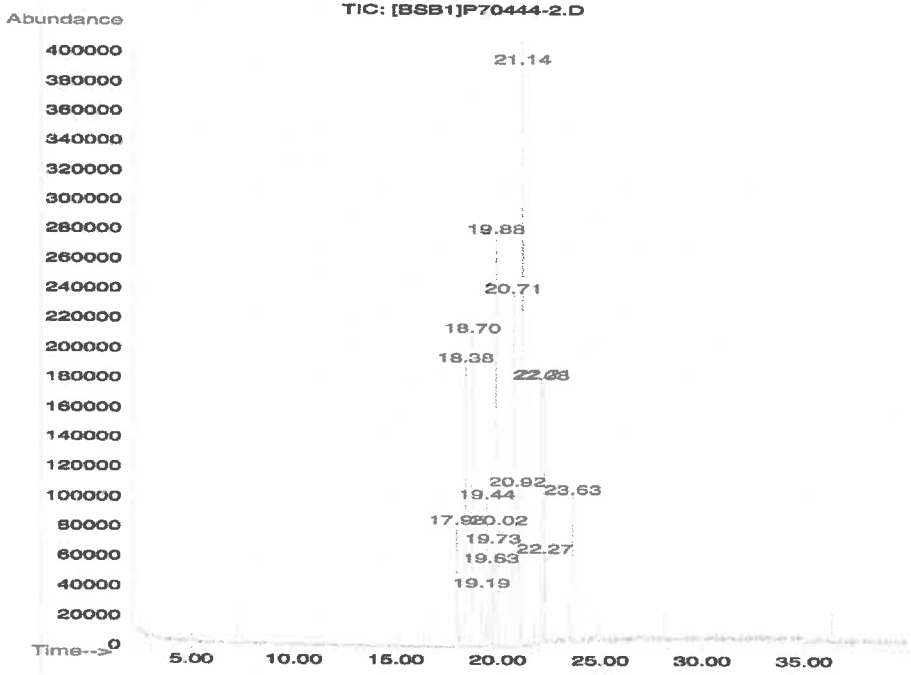
5E-05 Balance Uncertainty

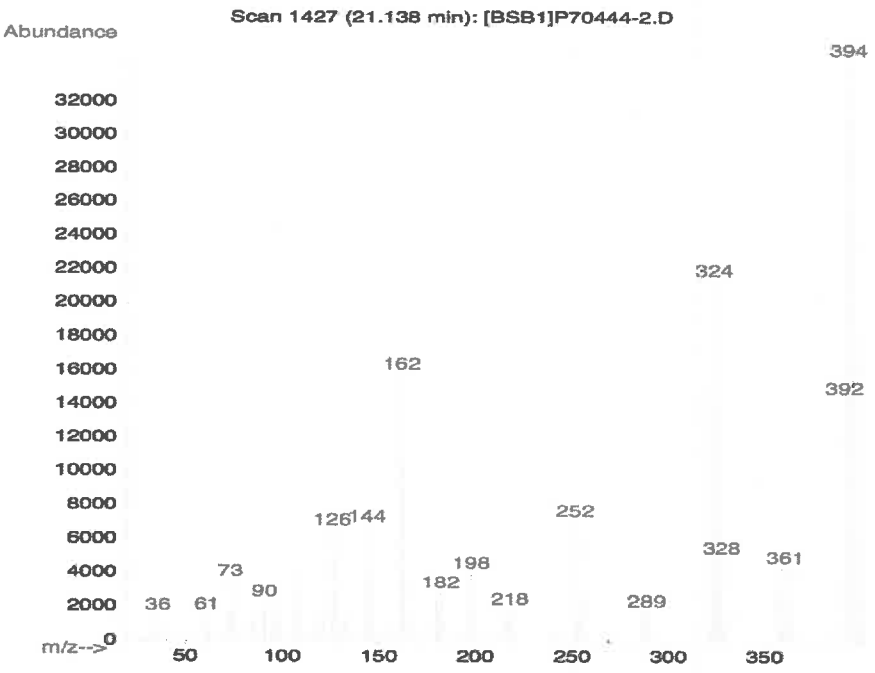
Formulated By:	Prashant Chauhan	112322 DATE
Reviewed By:	Pedro L. Rentas	112322 DATE

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)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1262	444	W-130-05	1000	100	0.2	0.05003	0.05016	1002.7	4.5	37324-23-5	N/A	orl-rat 11300mg/kg

Method GC7MSD-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.

P13032 2 P13033 Y.P. 12/21/23





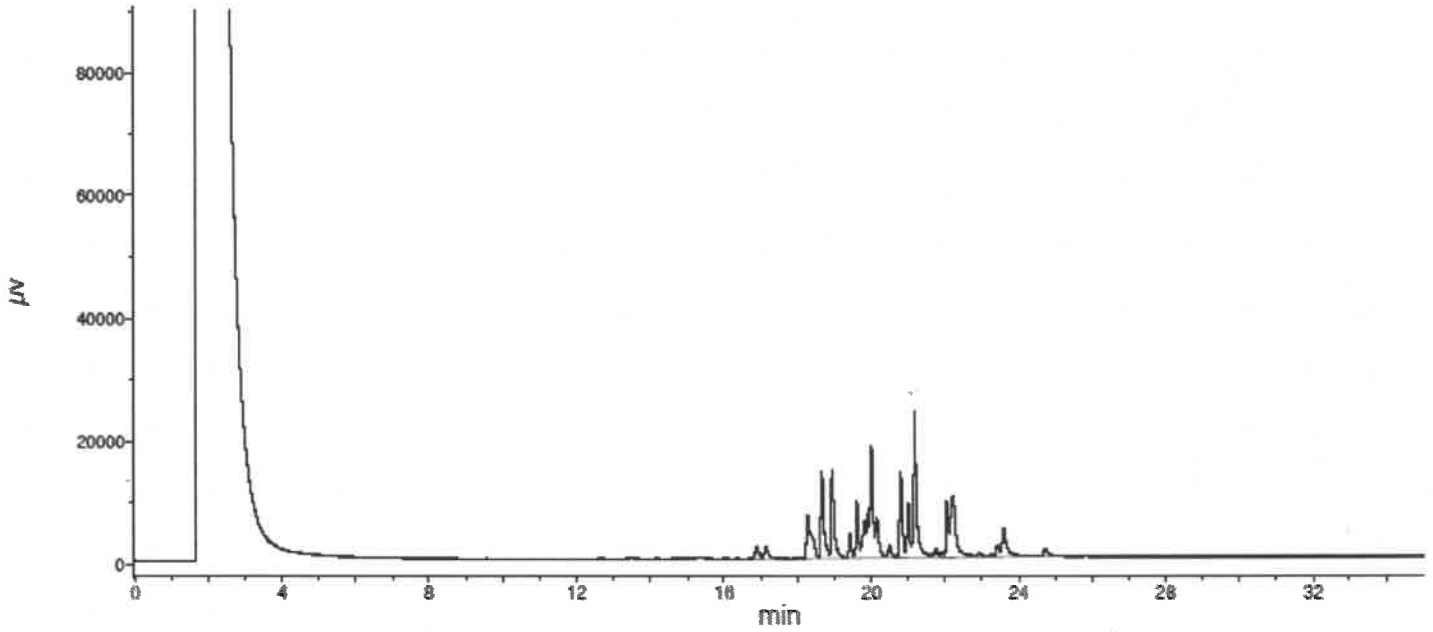
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, 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).

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
Hydogen (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



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P13348 ↓ P13357 (10)

04/25/2024

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

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:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

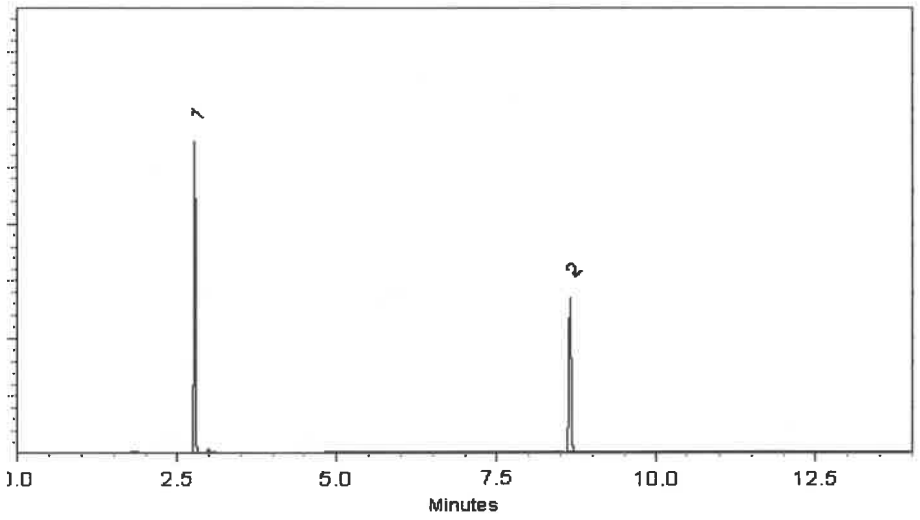
Inj. Temp:
250°C

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

P13348 (10)

↓

P13357

04/25/2025

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04/25/2024

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

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Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

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30m x .25mm x .2um
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200°C to 300°C
@ 25°C/min. (hold 10 min.)

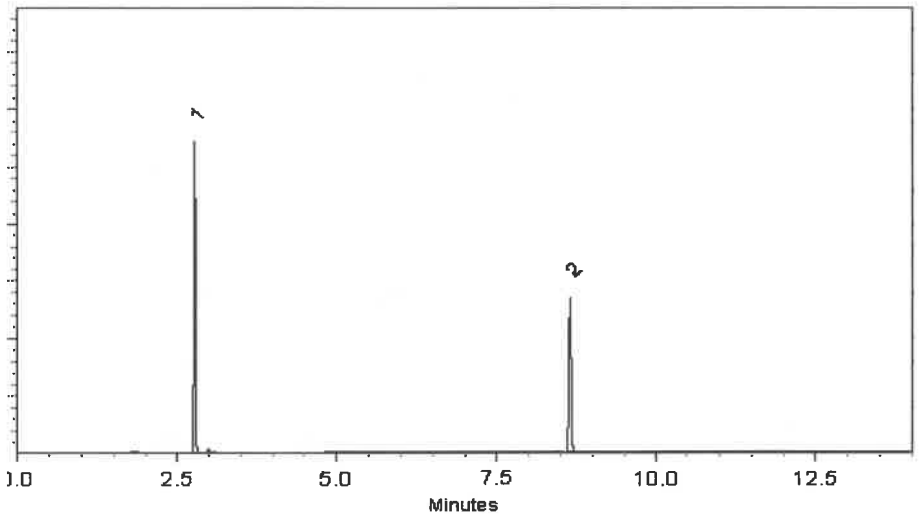
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

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@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
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Det. Type:
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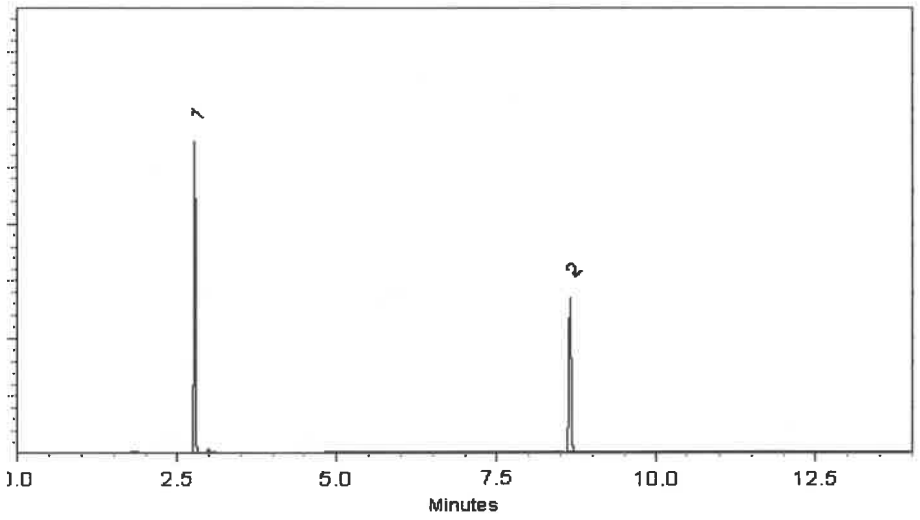
Split Vent:
10 ml/min.

Inj. Vol
1µl



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Laith Clemente - Operations Technician I

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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

P13348 (10)

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P13357

04/25/2025

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**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.

P133f2
↓
P133f3

AJ
05106124

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

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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

ANAB ANSI National Accreditation Board ACCREDITED REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

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

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO. 91438
QUOTE NO.
COC Number 2046163

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-SCB PCBs
PROJECT NO.: 2022SCA421 LOCATION: NYC
PROJECT MANAGER: D. Cosenza
e-mail: Denise.cosenza@oneatlas.com
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): Standard 5 DAY DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

Total PCBs

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	K084-14C	S		X	2-25-25	1003	1	X									Hold
2.	K084-15B					1007		X									
3.	K084-15C					1009		X									Hold
4.	K084-16B					1011		X									
5.	K084-16C					1115		X									Hold
6.	K084-DUP 1							X									
7.	K084-DUP 2							X									
8.	K084-DUP 3							X									
9.	K084-DUP 4							X									Hold
10.	K084-DUP 5							X									

PRESERVATIVES: 1 2 3 4 5 6 7 8 9
COMMENTS ← Specify Preservatives: A-HCl B-HN03 C-H2SO4 D-NaOH E-ICE F-OTHER

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. 1030 2.26.25
2.	DATE/TIME: 1535	RECEIVED BY: 2.
3.	DATE/TIME: 2.26.25	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: Hold samples pending result

Page 5 of 5

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

Laboratory Certification

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

QA Control Code: A2070148