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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:	Q1433	**OrderDate:**	2/26/2025 12:00:00 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
Q1433-01	**K084-1A**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-01DL	**K084-1ADL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-02	**K084-1B**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-03	**K084-1C**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/06/25	03/07/25	
Q1433-04	**K084-2A**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-04DL	**K084-2ADL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-04DL2	**K084-2ADL2**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-05	**K084-2B**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-05DL	**K084-2BDL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-05DL2	**K084-2BDL2**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-06	**K084-2C**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/06/25	03/07/25	

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LAB CHRONICLE

Q1433-06DL	**K084-2CDL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/06/25	03/07/25	
Q1433-07	**K084-3A**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-07DL	**K084-3ADL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-07DL2	**K084-3ADL2**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-08	**K084-3B**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-08DL	**K084-3BDL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-09	**K084-3C**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/06/25	03/07/25	
Q1433-09DL	**K084-3CDL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		03/06/25	03/07/25	
Q1433-10	**K084-4A**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-10DL	**K084-4ADL**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	02/28/25	
Q1433-10DL2	**K084-4ADL2**	**SOIL**			**02/25/25**			**02/26/25**
			PCB Group1	8082A		02/27/25	03/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1433 **Order ID:** Q1433

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 : K084-1A								
Q1433-01	K084-1A	SOIL	Aroclor-1254	7100	EP	3.30	20.4	ug/kg
Q1433-01	K084-1A	SOIL	Aroclor-1268	1800	E	4.10	20.4	ug/kg
			Total Concentration:	**8,900.000**				
Client ID : K084-1ADL								
Q1433-01DL	K084-1ADL	SOIL	Aroclor-1254	7300	D	65.6	409	ug/kg
Q1433-01DL	K084-1ADL	SOIL	Aroclor-1268	1900	D	82.5	409	ug/kg
			Total Concentration:	**9,200.000**				
Client ID : K084-1B								
Q1433-02	K084-1B	SOIL	Aroclor-1254	883		7.40	45.8	ug/kg
Q1433-02	K084-1B	SOIL	Aroclor-1268	147		9.20	45.8	ug/kg
			Total Concentration:	**980.000**				
Client ID : K084-1C								
Q1433-03	K084-1C	SOIL	Aroclor-1254	245		5.20	32.6	ug/kg
Q1433-03	K084-1C	SOIL	Aroclor-1268	41.0		6.60	32.6	ug/kg
			Total Concentration:	**286.000**				
Client ID : K084-2A								
Q1433-04	K084-2A	SOIL	Aroclor-1254	7400	E	2.80	17.7	ug/kg
Q1433-04	K084-2A	SOIL	Aroclor-1268	511	E	3.60	17.7	ug/kg
			Total Concentration:	**7,911.000**				
Client ID : K084-2ADL								
Q1433-04DL	K084-2ADL	SOIL	Aroclor-1254	8400	ED	8.50	53.1	ug/kg
Q1433-04DL	K084-2ADL	SOIL	Aroclor-1268	588	D	10.7	53.1	ug/kg
			Total Concentration:	**8,988.000**				
Client ID : K084-2ADL2								
Q1433-04DL2	K084-2ADL2	SOIL	Aroclor-1254	8900	D	85.3	531	ug/kg
Q1433-04DL2	K084-2ADL2	SOIL	Aroclor-1268	712	D	107	531	ug/kg

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Hit Summary Sheet
SW-846

SDG No.: Q1433 **Order ID:** Q1433

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:	**9,612.000**				
Client ID :	**K084-2B**							
Q1433-05	K084-2B	SOIL	Aroclor-1254	4300	E	3.20	20.1	ug/kg
Q1433-05	K084-2B	SOIL	Aroclor-1268	789	E	4.10	20.1	ug/kg
			Total Concentration:	**5,089.000**				
Client ID :	**K084-2BDL**							
Q1433-05DL	K084-2BDL	SOIL	Aroclor-1254	4600	ED	9.70	60.4	ug/kg
Q1433-05DL	K084-2BDL	SOIL	Aroclor-1268	878	D	12.2	60.4	ug/kg
			Total Concentration:	**5,478.000**				
Client ID :	**K084-2BDL2**							
Q1433-05DL2	K084-2BDL2	SOIL	Aroclor-1254	4900	D	64.7	403	ug/kg
Q1433-05DL2	K084-2BDL2	SOIL	Aroclor-1268	985	D	81.3	403	ug/kg
			Total Concentration:	**5,885.000**				
Client ID :	**K084-2C**							
Q1433-06	K084-2C	SOIL	Aroclor-1254	682	E	3.80	23.5	ug/kg
Q1433-06	K084-2C	SOIL	Aroclor-1268	130		4.70	23.5	ug/kg
			Total Concentration:	**812.000**				
Client ID :	**K084-2CDL**							
Q1433-06DL	K084-2CDL	SOIL	Aroclor-1254	715	D	7.50	46.9	ug/kg
Q1433-06DL	K084-2CDL	SOIL	Aroclor-1268	142	D	9.50	46.9	ug/kg
			Total Concentration:	**857.000**				
Client ID :	**K084-3A**							
Q1433-07	K084-3A	SOIL	Aroclor-1254	5200	EP	2.90	18.3	ug/kg
Q1433-07	K084-3A	SOIL	Aroclor-1268	1100	E	3.70	18.3	ug/kg
			Total Concentration:	**6,300.000**				

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Hit Summary Sheet
SW-846

SDG No.: Q1433 **Order ID:** Q1433

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 : K084-3ADL								
Q1433-07DL	K084-3ADL	SOIL	Aroclor-1254	6000	ED	14.7	91.7	ug/kg
Q1433-07DL	K084-3ADL	SOIL	Aroclor-1268	1400	D	18.5	91.7	ug/kg
			Total Concentration:	**7,400.000**				
Client ID : K084-3ADL2								
Q1433-07DL2	K084-3ADL2	SOIL	Aroclor-1254	6500	D	73.7	459	ug/kg
Q1433-07DL2	K084-3ADL2	SOIL	Aroclor-1268	1600	D	92.6	459	ug/kg
			Total Concentration:	**8,100.000**				
Client ID : K084-3B								
Q1433-08	K084-3B	SOIL	Aroclor-1254	4900	E	3.50	22.0	ug/kg
Q1433-08	K084-3B	SOIL	Aroclor-1268	288		4.40	22.0	ug/kg
			Total Concentration:	**5,188.000**				
Client ID : K084-3BDL								
Q1433-08DL	K084-3BDL	SOIL	Aroclor-1254	5500	D	70.6	440	ug/kg
Q1433-08DL	K084-3BDL	SOIL	Aroclor-1268	411	JD	88.7	440	ug/kg
			Total Concentration:	**5,911.000**				
Client ID : K084-3C								
Q1433-09	K084-3C	SOIL	Aroclor-1254	1100	E	3.60	22.1	ug/kg
Q1433-09	K084-3C	SOIL	Aroclor-1268	54.9		4.50	22.1	ug/kg
			Total Concentration:	**1,154.900**				
Client ID : K084-3CDL								
Q1433-09DL	K084-3CDL	SOIL	Aroclor-1254	1200	D	14.2	88.5	ug/kg
Q1433-09DL	K084-3CDL	SOIL	Aroclor-1268	69.0	JD	17.9	88.5	ug/kg
			Total Concentration:	**1,269.000**				
Client ID : K084-4A								
Q1433-10	K084-4A	SOIL	Aroclor-1254	15000	EP	3.10	19.5	ug/kg
Q1433-10	K084-4A	SOIL	Aroclor-1268	408	E	3.90	19.5	ug/kg

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Hit Summary Sheet
SW-846

SDG No.: Q1433 **Order ID:** Q1433

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:	**15,408.000**				
Client ID :	**K084-4ADL**							
Q1433-10DL	K084-4ADL	SOIL	Aroclor-1254	18000	ED	15.6	97.3	ug/kg
Q1433-10DL	K084-4ADL	SOIL	Aroclor-1268	498	D	19.6	97.3	ug/kg
			Total Concentration:	**18,498.000**				
Client ID :	**K084-4ADL2**							
Q1433-10DL2	K084-4ADL2	SOIL	Aroclor-1254	21000	D	313	1900	ug/kg
Q1433-10DL2	K084-4ADL2	SOIL	Aroclor-1268	677	JD	393	1900	ug/kg
			Total Concentration:	**21,677.000**				

QC
SUMMARY

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Surrogate Summary

SDG No.: Q1433

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-PO109537.D	PIBLK-PO109537.D	Tetrachloro-m-xylene	1	20	16.0	80		60	140
		Decachlorobiphenyl	1	20	14.6	73		60	140
		Tetrachloro-m-xylene	2	20	16.9	85		60	140
		Decachlorobiphenyl	2	20	16.9	84		60	140
PB166889BL	PB166889BL	Tetrachloro-m-xylene	1	20	19.1	95		32	144
		Decachlorobiphenyl	1	20	13.8	69		32	175
		Tetrachloro-m-xylene	2	20	19.0	95		32	144
		Decachlorobiphenyl	2	20	15.8	79		32	175
PB166889BS	PB166889BS	Tetrachloro-m-xylene	1	20	18.3	91		32	144
		Decachlorobiphenyl	1	20	15.5	77		32	175
		Tetrachloro-m-xylene	2	20	19.1	96		32	144
		Decachlorobiphenyl	2	20	17.6	88		32	175
I.BLK-PO109552.D	PIBLK-PO109552.D	Tetrachloro-m-xylene	1	20	15.9	79		60	140
		Decachlorobiphenyl	1	20	14.8	74		60	140
		Tetrachloro-m-xylene	2	20	16.8	84		60	140
		Decachlorobiphenyl	2	20	16.5	83		60	140
Q1433-01	K084-1A	Tetrachloro-m-xylene	1	20	20.4	102		32	144
		Decachlorobiphenyl	1	20	149	746	*	32	175
		Tetrachloro-m-xylene	2	20	21.5	108		32	144
		Decachlorobiphenyl	2	20	159	793	*	32	175
Q1433-04	K084-2A	Tetrachloro-m-xylene	1	20	19.9	100		32	144
		Decachlorobiphenyl	1	20	61.9	310	*	32	175
		Tetrachloro-m-xylene	2	20	20.8	104		32	144
		Decachlorobiphenyl	2	20	67.9	339	*	32	175
Q1433-05	K084-2B	Tetrachloro-m-xylene	1	20	18.7	94		32	144
		Decachlorobiphenyl	1	20	182	909	*	32	175
		Tetrachloro-m-xylene	2	20	20.9	105		32	144
		Decachlorobiphenyl	2	20	192	959	*	32	175
Q1433-07	K084-3A	Tetrachloro-m-xylene	1	20	24.5	122		32	144
		Decachlorobiphenyl	1	20	362	1809	*	32	175
		Tetrachloro-m-xylene	2	20	25.9	130		32	144
		Decachlorobiphenyl	2	20	371	1855	*	32	175
Q1433-08	K084-3B	Tetrachloro-m-xylene	1	20	20.5	103		32	144
		Decachlorobiphenyl	1	20	35.3	177	*	32	175
		Tetrachloro-m-xylene	2	20	21.4	107		32	144
		Decachlorobiphenyl	2	20	39.6	198	*	32	175
Q1433-10	K084-4A	Tetrachloro-m-xylene	1	20	21.4	107		32	144

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Surrogate Summary

SDG No.: Q1433

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1433-10	K084-4A	Decachlorobiphenyl	1	20	46.1	231	*	32	175
		Tetrachloro-m-xylene	2	20	22.9	114		32	144
		Decachlorobiphenyl	2	20	52.9	265	*	32	175
Q1434-03MS	K084-5AMS	Tetrachloro-m-xylene	1	20	23.6	118		32	144
		Decachlorobiphenyl	1	20	35.2	176	*	32	175
		Tetrachloro-m-xylene	2	20	25.0	125		32	144
		Decachlorobiphenyl	2	20	41.0	205	*	32	175
Q1434-03MSD	K084-5AMSD	Tetrachloro-m-xylene	1	20	23.5	118		32	144
		Decachlorobiphenyl	1	20	36.0	180	*	32	175
		Tetrachloro-m-xylene	2	20	24.9	125		32	144
		Decachlorobiphenyl	2	20	41.8	209	*	32	175
I.BLK-PO109574.D	PIBLK-PO109574.D	Tetrachloro-m-xylene	1	20	16.0	80		60	140
		Decachlorobiphenyl	1	20	13.8	69		60	140
		Tetrachloro-m-xylene	2	20	17.1	85		60	140
		Decachlorobiphenyl	2	20	15.9	79		60	140
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
Q1433-02	K084-1B	Tetrachloro-m-xylene	1	20	10.1	50		32	144
		Decachlorobiphenyl	1	20	11.0	55		32	175
		Tetrachloro-m-xylene	2	20	10.5	53		32	144
		Decachlorobiphenyl	2	20	12.8	64		32	175
Q1433-01DL	K084-1ADL	Tetrachloro-m-xylene	1	20	24.4	122		32	144
		Decachlorobiphenyl	1	20	164	822	*	32	175
		Tetrachloro-m-xylene	2	20	24.8	124		32	144
		Decachlorobiphenyl	2	20	196	981	*	32	175
Q1433-04DL	K084-2ADL	Tetrachloro-m-xylene	1	20	23.3	116		32	144
		Decachlorobiphenyl	1	20	71.4	357	*	32	175
		Tetrachloro-m-xylene	2	20	25.2	126		32	144
		Decachlorobiphenyl	2	20	79.2	396	*	32	175
Q1433-04DL2	K084-2ADL2	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
Q1433-05DL	K084-2BDL	Tetrachloro-m-xylene	1	20	24.5	123		32	144
		Decachlorobiphenyl	1	20	199	993	*	32	175
		Tetrachloro-m-xylene	2	20	24.4	122		32	144
		Decachlorobiphenyl	2	20	215	1074	*	32	175
Q1433-05DL2	K084-2BDL2	Tetrachloro-m-xylene	1	20	27.4	137		32	144
		Decachlorobiphenyl	1	20	230	1152	*	32	175

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Surrogate Summary

SDG No.: Q1433

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1433-05DL2	K084-2BDL2	Tetrachloro-m-xylene	2	20	27.0	135		32	144
		Decachlorobiphenyl	2	20	257	1284	*	32	175
Q1433-07DL	K084-3ADL	Tetrachloro-m-xylene	1	20	29.5	148	*	32	144
		Decachlorobiphenyl	1	20	421	2105	*	32	175
		Tetrachloro-m-xylene	2	20	31.4	157	*	32	144
		Decachlorobiphenyl	2	20	445	2223	*	32	175
Q1433-07DL2	K084-3ADL2	Tetrachloro-m-xylene	1	20	33.3	166	*	32	144
		Decachlorobiphenyl	1	20	474	2369	*	32	175
		Tetrachloro-m-xylene	2	20	33.3	166	*	32	144
		Decachlorobiphenyl	2	20	524	2621	*	32	175
Q1433-08DL	K084-3BDL	Tetrachloro-m-xylene	1	20	23.4	117		32	144
		Decachlorobiphenyl	1	20	52.2	261	*	32	175
		Tetrachloro-m-xylene	2	20	24.0	120		32	144
		Decachlorobiphenyl	2	20	54.8	274	*	32	175
Q1433-10DL	K084-4ADL	Tetrachloro-m-xylene	1	20	25.3	126		32	144
		Decachlorobiphenyl	1	20	58.2	291	*	32	175
		Tetrachloro-m-xylene	2	20	26.3	132		32	144
		Decachlorobiphenyl	2	20	67.0	335	*	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-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
Q1433-03	K084-1C	Tetrachloro-m-xylene	1	20	12.1	60		32	144
		Decachlorobiphenyl	1	20	9.46	47		32	175
		Tetrachloro-m-xylene	2	20	12.8	64		32	144
		Decachlorobiphenyl	2	20	10.5	53		32	175
Q1433-06	K084-2C	Tetrachloro-m-xylene	1	20	16.8	84		32	144
		Decachlorobiphenyl	1	20	20.1	100		32	175
		Tetrachloro-m-xylene	2	20	17.5	88		32	144

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Surrogate Summary

SDG No.: Q1433

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1433-06	K084-2C	Decachlorobiphenyl	2	20	22.6	113		32	175
Q1433-09	K084-3C	Tetrachloro-m-xylene	1	20	20.4	102		32	144
		Decachlorobiphenyl	1	20	24.1	121		32	175
		Tetrachloro-m-xylene	2	20	21.1	106		32	144
		Decachlorobiphenyl	2	20	26.6	133		32	175
Q1434-02MS	K084-4CMS	Tetrachloro-m-xylene	1	20	21.4	107		32	144
		Decachlorobiphenyl	1	20	23.1	115		32	175
		Tetrachloro-m-xylene	2	20	21.8	109		32	144
		Decachlorobiphenyl	2	20	26.0	130		32	175
Q1434-02MSD	K084-4CMSD	Tetrachloro-m-xylene	1	20	19.4	97		32	144
		Decachlorobiphenyl	1	20	24.8	124		32	175
		Tetrachloro-m-xylene	2	20	20.2	101		32	144
		Decachlorobiphenyl	2	20	27.6	138		32	175
I.BLK-PO109696.D	PIBLK-PO109696.D	Tetrachloro-m-xylene	1	20	17.9	90		60	140
		Decachlorobiphenyl	1	20	16.3	81		60	140
		Tetrachloro-m-xylene	2	20	18.8	94		60	140
		Decachlorobiphenyl	2	20	17.8	89		60	140
I.BLK-PO109699.D	PIBLK-PO109699.D	Tetrachloro-m-xylene	1	20	20.6	103		60	140
		Decachlorobiphenyl	1	20	18.7	93		60	140
		Tetrachloro-m-xylene	2	20	21.1	106		60	140
		Decachlorobiphenyl	2	20	19.8	99		60	140
Q1433-06DL	K084-2CDL	Tetrachloro-m-xylene	1	20	18.0	90		32	144
		Decachlorobiphenyl	1	20	21.5	108		32	175
		Tetrachloro-m-xylene	2	20	18.3	91		32	144
		Decachlorobiphenyl	2	20	23.8	119		32	175
Q1433-09DL	K084-3CDL	Tetrachloro-m-xylene	1	20	23.3	117		32	144
		Decachlorobiphenyl	1	20	29.0	145		32	175
		Tetrachloro-m-xylene	2	20	24.0	120		32	144
		Decachlorobiphenyl	2	20	32.0	160		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-PO109794.D	PIBLK-PO109794.D	Tetrachloro-m-xylene	1	20	22.3	111		60	140
		Decachlorobiphenyl	1	20	18.9	95		60	140
		Tetrachloro-m-xylene	2	20	23.0	115		60	140
		Decachlorobiphenyl	2	20	20.1	101		60	140
Q1433-10DL2	K084-4ADL2	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

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Surrogate Summary

SDG No.: Q1433

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-PO109809.D	PIBLK-PO109809.D	Tetrachloro-m-xylene	1	20	22.2	111		60	140
		Decachlorobiphenyl	1	20	19.9	99		60	140
		Tetrachloro-m-xylene	2	20	22.7	114		60	140
		Decachlorobiphenyl	2	20	20.8	104		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1433

Client: ATC Group Services LLC

Analytical Method: 8082A **DataFile :** PO109562.D

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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1433

Client: ATC Group Services LLC

Analytical Method: 8082A **DataFile :** PO109563.D

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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1433

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.: Q1433

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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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1433

Client: ATC Group Services LLC

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1433

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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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166889BL

Lab Name: CHEMTECH Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: PB166889BL Lab File ID: PO109546.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 02/27/2025

Date Analyzed (1): 02/27/2025 Date Analyzed (2): 02/27/2025

Time Analyzed (1): 22:57 Time Analyzed (2): 22:57

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB166889BS	PB166889BS	PO109547.D	02/27/2025	02/27/2025
K084-1A	Q1433-01	PO109553.D	02/28/2025	02/28/2025
K084-2A	Q1433-04	PO109555.D	02/28/2025	02/28/2025
K084-2B	Q1433-05	PO109556.D	02/28/2025	02/28/2025
K084-3A	Q1433-07	PO109557.D	02/28/2025	02/28/2025
K084-3B	Q1433-08	PO109558.D	02/28/2025	02/28/2025
K084-4A	Q1433-10	PO109559.D	02/28/2025	02/28/2025
K084-5AMS	Q1434-03MS	PO109562.D	02/28/2025	02/28/2025
K084-5AMSD	Q1434-03MSD	PO109563.D	02/28/2025	02/28/2025
K084-1B	Q1433-02	PO109589.D	02/28/2025	02/28/2025

COMMENTS:

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167022BL

Lab Name: CHEMTECH Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

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
PB167022BS	PB167022BS	PO109683.D	03/07/2025	03/07/2025
K084-1C	Q1433-03	PO109684.D	03/07/2025	03/07/2025
K084-2C	Q1433-06	PO109685.D	03/07/2025	03/07/2025
K084-3C	Q1433-09	PO109686.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:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PO109553.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:	K084-1A	SDG No.:	Q1433
Lab Sample ID:	Q1433-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83 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
PO109553.D	1	02/27/25 09:15	02/28/25 01:32	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	20.4	ug/kg
11104-28-2	Aroclor-1221	7.70	U	7.70	20.4	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	20.4	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	20.4	ug/kg
12672-29-6	Aroclor-1248	9.50	U	9.50	20.4	ug/kg
11097-69-1	Aroclor-1254	7100	EP	3.30	20.4	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	20.4	ug/kg
11100-14-4	Aroclor-1268	1800	E	4.10	20.4	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	20.4	ug/kg
Total PCBs	Total PCBs	8900	E	7.40	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	159	*	32 - 175	793%	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: **PO109553.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 01:32
Operator : YP/AJ
Sample : Q1433-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-1A

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 09:21:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.696	3.694	192.9E6	112.5E6	20.379	21.500
2)	SA Decachlor...	8.754	8.706	1283.8E6	504.7E6	149.242	158.500
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.581	3157.8E6	1819.1E6	6124.515	6955.474
27)	L6 AR-1254-2	5.749	5.728	4173.5E6	2395.9E6	9266.662	10214.395
28)	L6 AR-1254-3	6.155	6.131	9113.3E6	5280.3E6	12728.827	14802.981
29)	L6 AR-1254-4	6.385	6.359	5788.7E6	3215.3E6	13822.317	16648.963
30)	L6 AR-1254-5	6.804	6.776	16172.0E6	11881.5E6	25920.731	40041.096 #
41)	L9 AR-1268-1	7.633	7.599	5352.5E6	2492.8E6	4042.041m	4362.448
42)	L9 AR-1268-2	7.697	7.663	6411.5E6	3057.3E6	5302.707	5824.040
43)	L9 AR-1268-3	7.906	7.871	3862.6E6	1743.4E6	3793.618	4072.967
44)	L9 AR-1268-4	8.194	8.156	1441.2E6	615.5E6	3392.301	3814.994
45)	L9 AR-1268-5	8.493	8.450	11199.4E6	4385.8E6	3708.825	4012.060

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 01:32
Operator : YP/AJ
Sample : Q1433-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

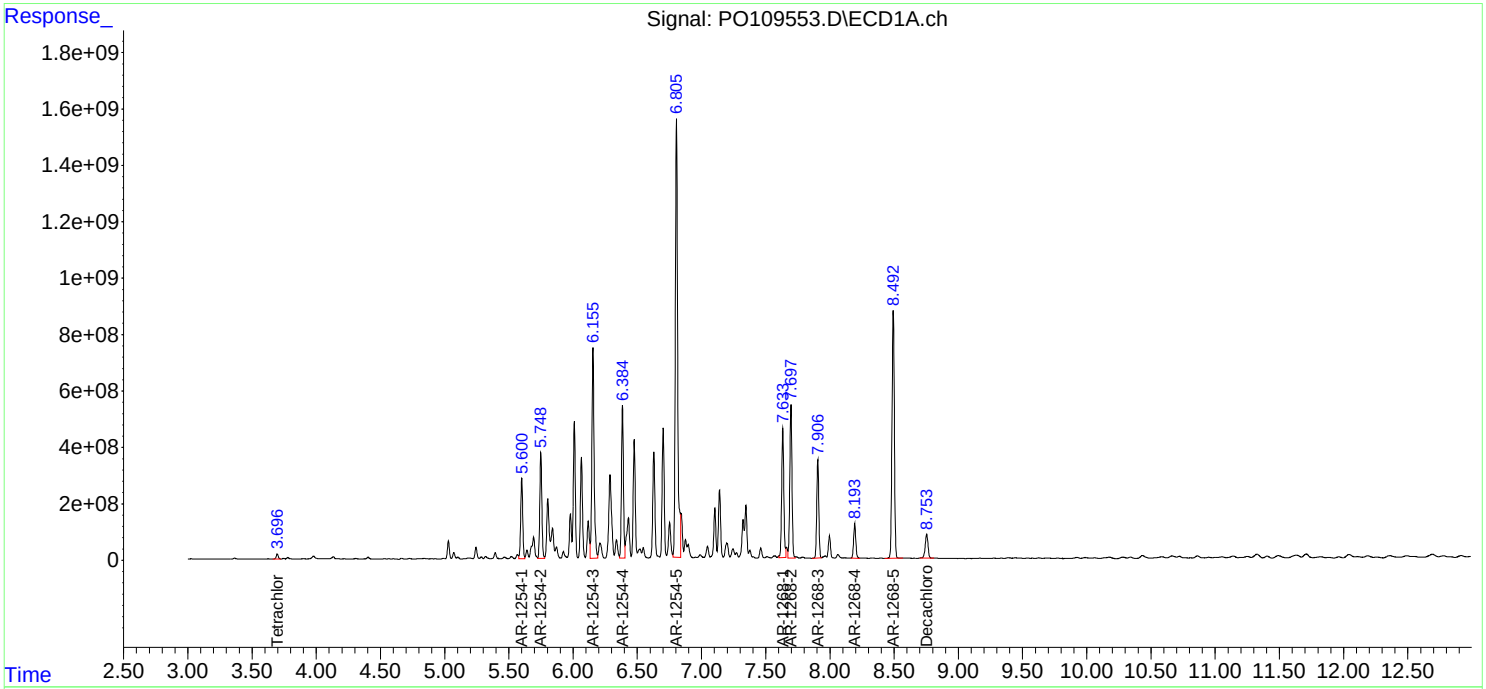
Instrument :
ECD_O
ClientSampleId :
K084-1A

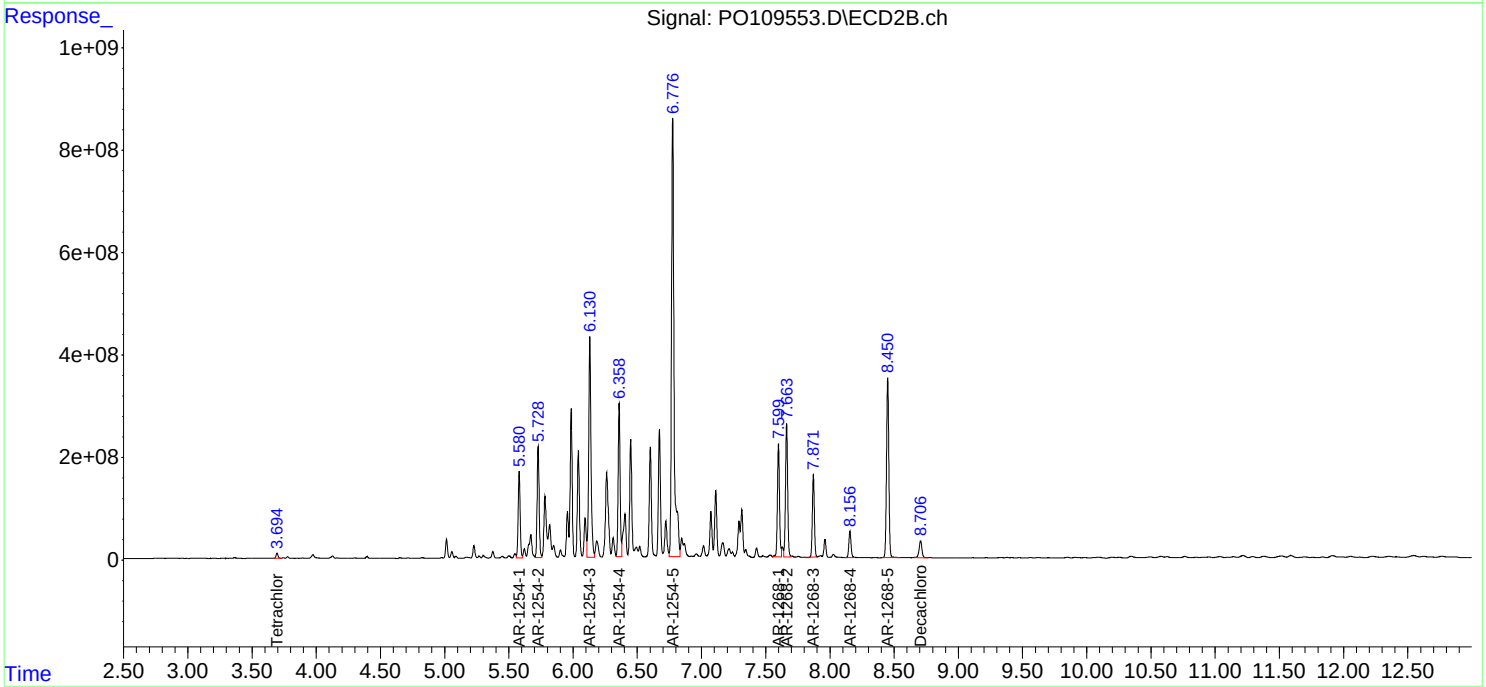
Manual Integrations APPROVED

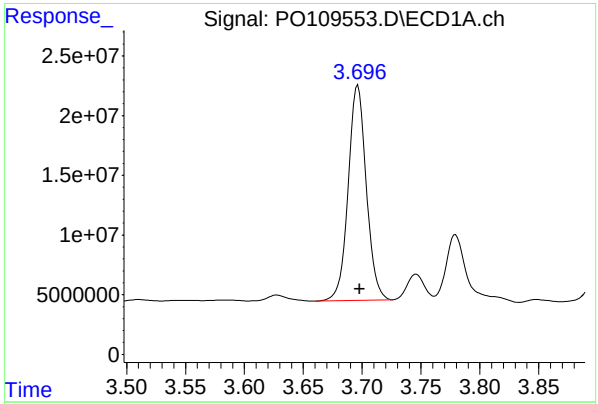
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:21:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







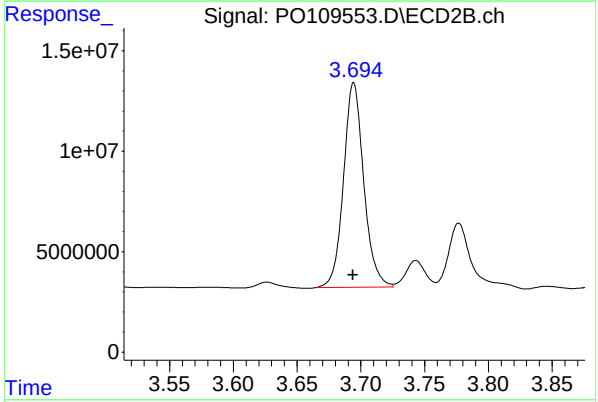
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 192888101
Conc: 20.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1A

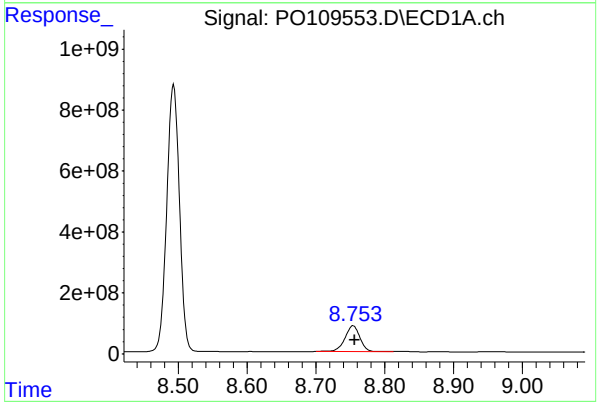
Manual Integrations
APPROVED

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



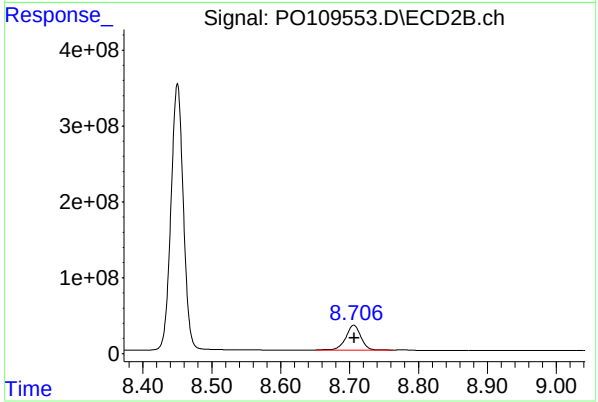
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 112533656
Conc: 21.50 ng/ml



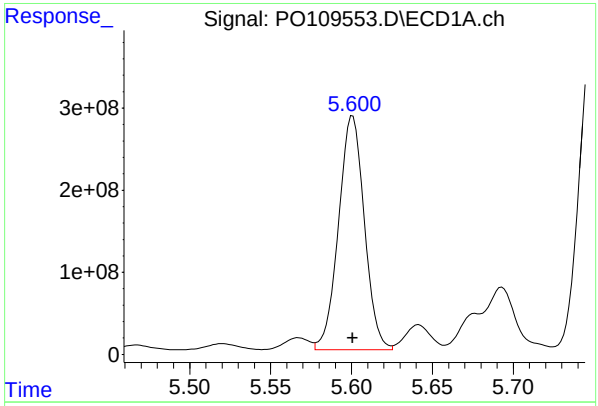
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 1283761629
Conc: 149.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 504703562
Conc: 158.50 ng/ml



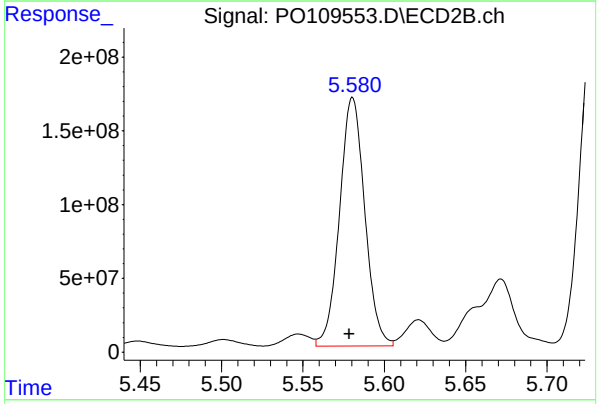
#26 AR-1254-1

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 3157840875
Conc: 6124.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1A

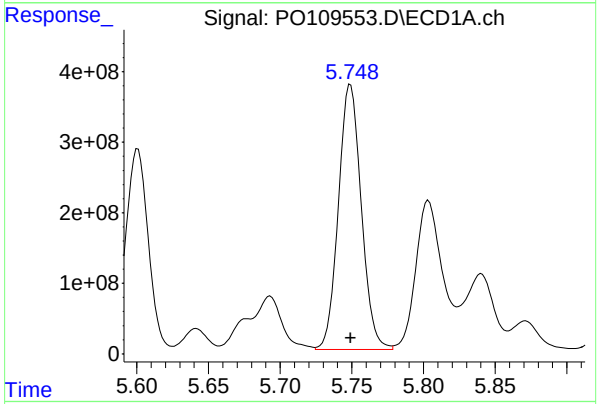
Manual Integrations
APPROVED

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



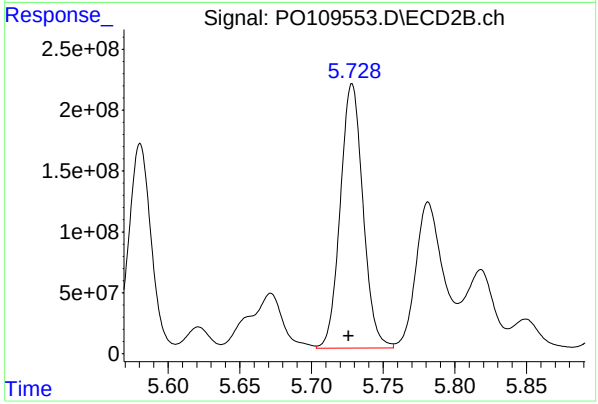
#26 AR-1254-1

R.T.: 5.581 min
Delta R.T.: 0.002 min
Response: 1819123097
Conc: 6955.47 ng/ml



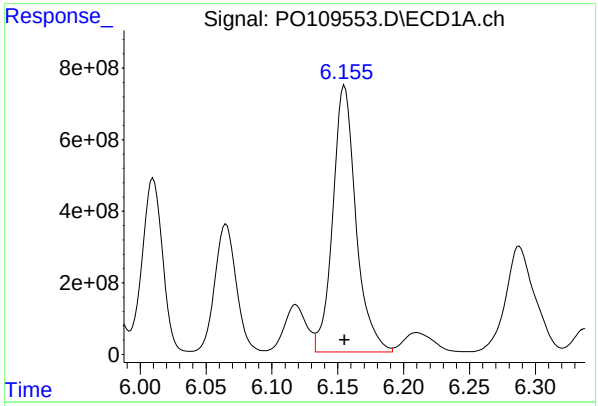
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 4173468807
Conc: 9266.66 ng/ml



#27 AR-1254-2

R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 2395903382
Conc: 10214.40 ng/ml



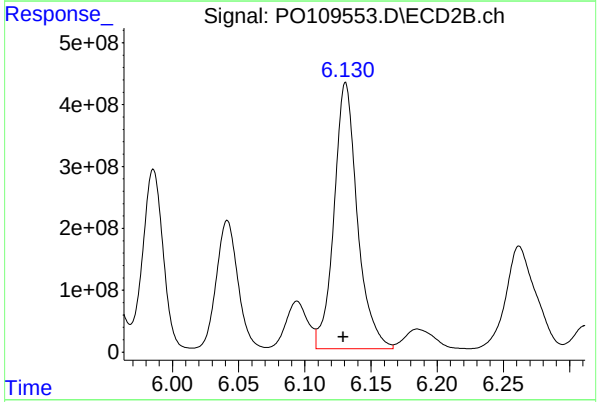
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 mi
Response: 9113272418
Conc: 12728.83 ng/

Instrument :
ECD_O
ClientSampleId :
K084-1A

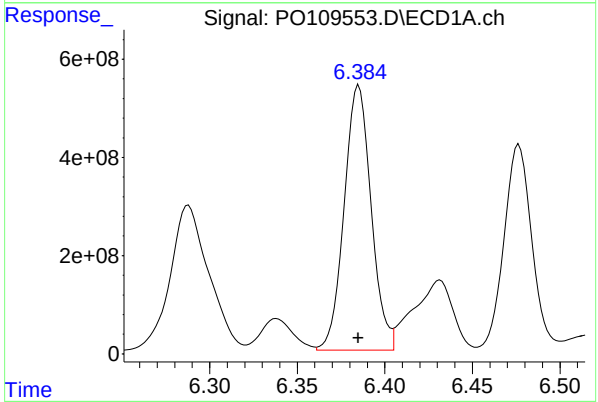
Manual Integrations
APPROVED

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



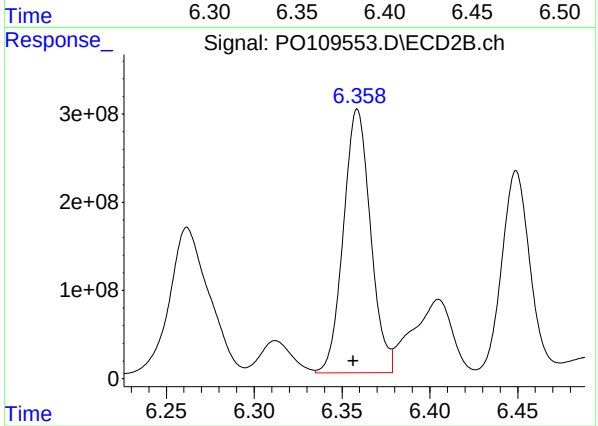
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 5280290983
Conc: 14802.98 ng/ml



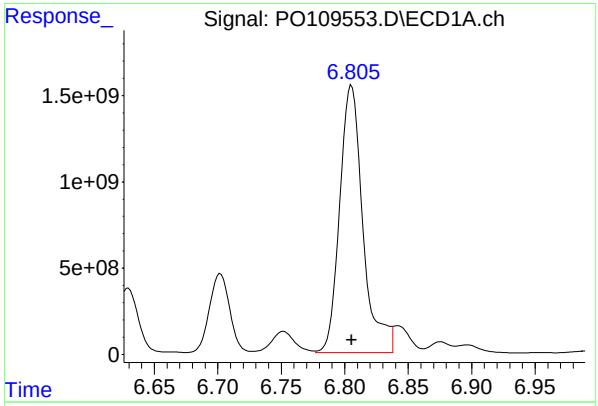
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 5788668995
Conc: 13822.32 ng/ml



#29 AR-1254-4

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 3215304485
Conc: 16648.96 ng/ml



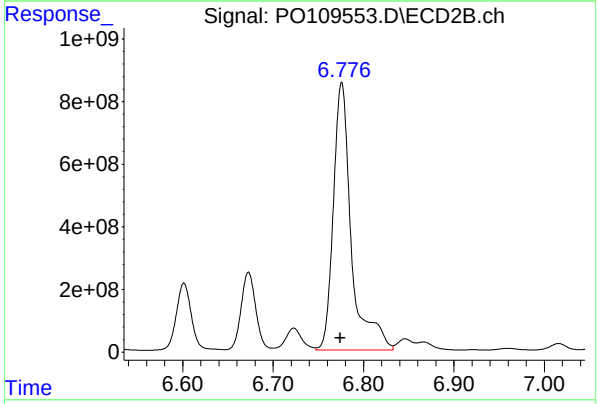
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 16172020617
Conc: 25920.73 ng/

Instrument :
ECD_O
ClientSampleId :
K084-1A

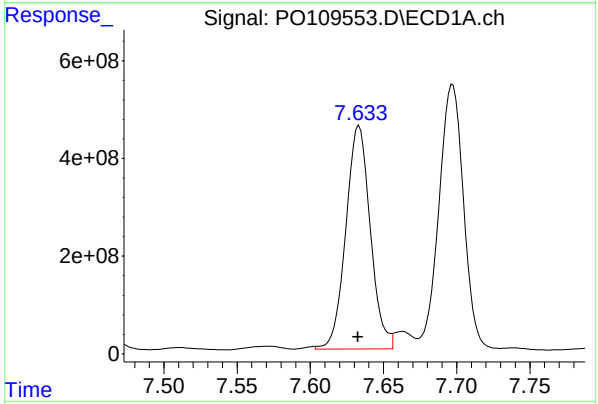
Manual Integrations
APPROVED

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



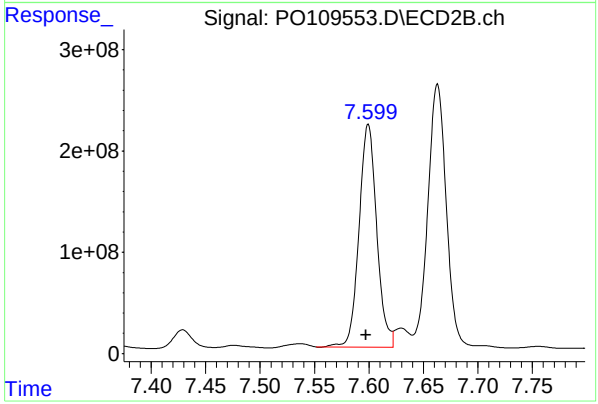
#30 AR-1254-5

R.T.: 6.776 min
Delta R.T.: 0.001 min
Response: 11881484069
Conc: 40041.10 ng/ml



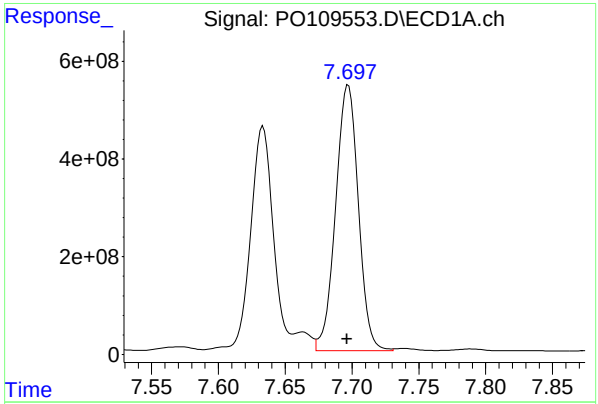
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 5352544054
Conc: 4042.04 ng/ml m



#41 AR-1268-1

R.T.: 7.599 min
Delta R.T.: 0.002 min
Response: 2492755869
Conc: 4362.45 ng/ml



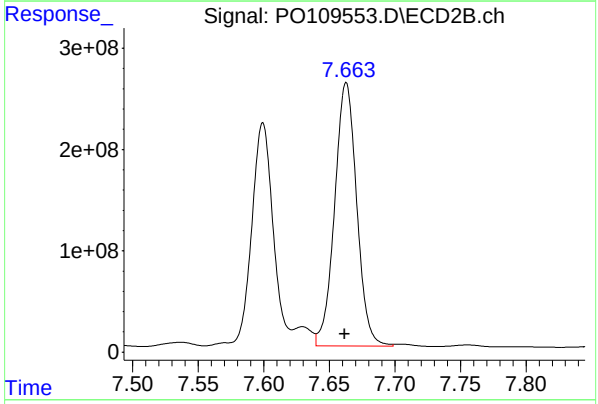
#42 AR-1268-2

R.T.: 7.697 min
Delta R.T.: 0.000 mi
Response: 6411536867
Conc: 5302.71 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-1A

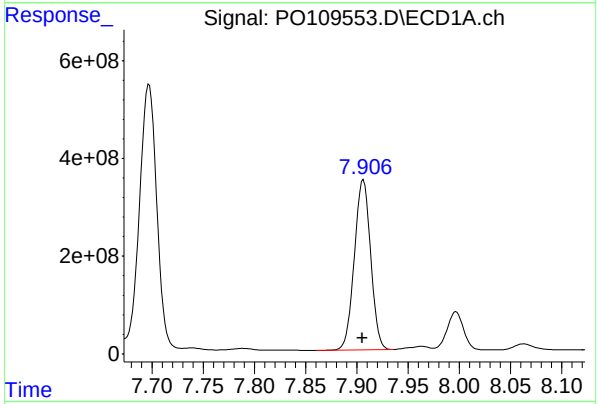
Manual Integrations
APPROVED

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



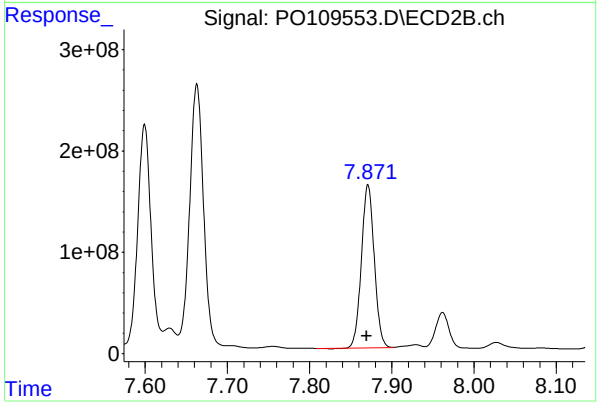
#42 AR-1268-2

R.T.: 7.663 min
Delta R.T.: 0.001 min
Response: 3057293368
Conc: 5824.04 ng/ml



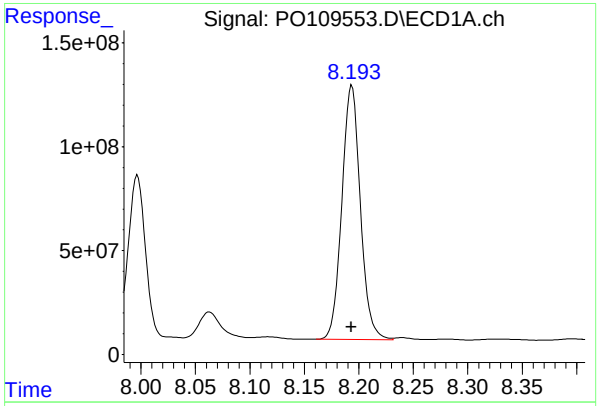
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 3862578237
Conc: 3793.62 ng/ml



#43 AR-1268-3

R.T.: 7.871 min
Delta R.T.: 0.002 min
Response: 1743408038
Conc: 4072.97 ng/ml



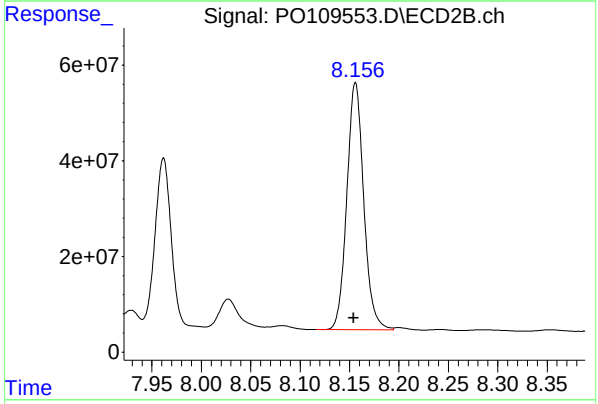
#44 AR-1268-4

R.T.: 8.194 min
Delta R.T.: 0.000 mi
Response: 1441248759
Conc: 3392.30 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-1A

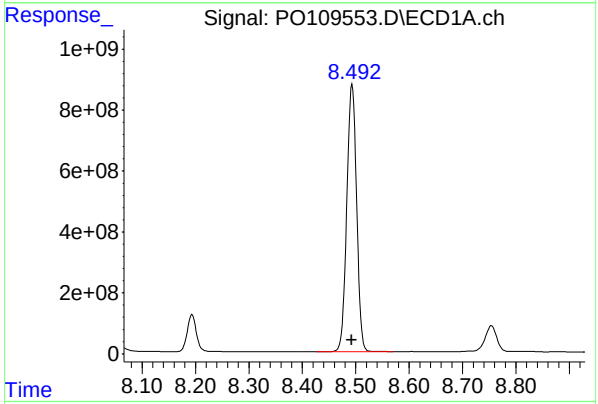
Manual Integrations
APPROVED

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



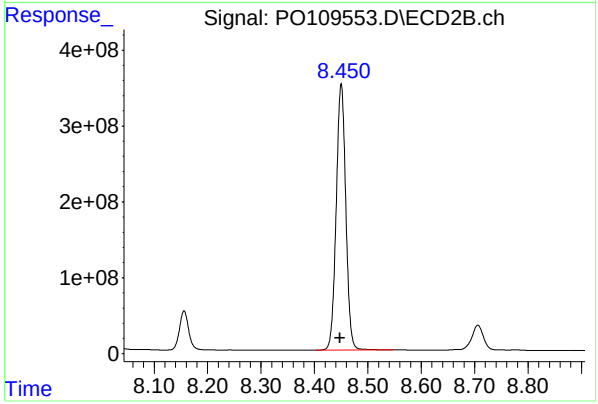
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 615492250
Conc: 3814.99 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.001 min
Response: 11199359888
Conc: 3708.83 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.002 min
Response: 4385760762
Conc: 4012.06 ng/ml

Raw Data: **PO109590.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:	K084-1ADL	SDG No.:	Q1433
Lab Sample ID:	Q1433-01DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83 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
PO109590.D	20	02/27/25 09:15	02/28/25 14:32	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	81.5	UD	81.5	409	ug/kg
11104-28-2	Aroclor-1221	154	UD	154	409	ug/kg
11141-16-5	Aroclor-1232	81.7	UD	81.7	409	ug/kg
53469-21-9	Aroclor-1242	81.5	UD	81.5	409	ug/kg
12672-29-6	Aroclor-1248	190	UD	190	409	ug/kg
11097-69-1	Aroclor-1254	7300	D	65.6	409	ug/kg
37324-23-5	Aroclor-1262	110	UD	110	409	ug/kg
11100-14-4	Aroclor-1268	1900	D	82.5	409	ug/kg
11096-82-5	Aroclor-1260	70.0	UD	70.0	409	ug/kg
Total PCBs	Total PCBs	9200	D	148	409	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.8		32 - 144	124%	SPK: 20
2051-24-3	Decachlorobiphenyl	196	*	32 - 175	981%	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: **PO109590.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 14:32
Operator : YP/AJ
Sample : Q1433-01DL 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-1ADL

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 14:55:36 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	11584161	6515643	1.224	1.245
2)	SA Decachlor...	8.753	8.705	70681320	31242539	8.217	9.812
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.580	186.0E6	106.7E6	360.833	407.780
27)	L6 AR-1254-2	5.749	5.727	244.8E6	138.8E6	543.563	591.866
28)	L6 AR-1254-3	6.155	6.131	511.9E6	283.3E6	715.034	794.105
29)	L6 AR-1254-4	6.384	6.358	314.4E6	167.8E6	750.832	869.109
30)	L6 AR-1254-5	6.803	6.775	1090.7E6	566.6E6	1748.265m	1909.573m
41)	L9 AR-1268-1	7.632	7.598	273.7E6	135.9E6	206.654	237.778
42)	L9 AR-1268-2	7.695	7.661	314.2E6	158.7E6	259.886	302.281
43)	L9 AR-1268-3	7.905	7.870	190.2E6	92402120	186.767	215.871
44)	L9 AR-1268-4	8.193	8.154	77089125	35517115	181.446	220.145
45)	L9 AR-1268-5	8.491	8.449	526.0E6	221.9E6	174.204	202.998

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 14:32
Operator : YP/AJ
Sample : Q1433-01DL 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

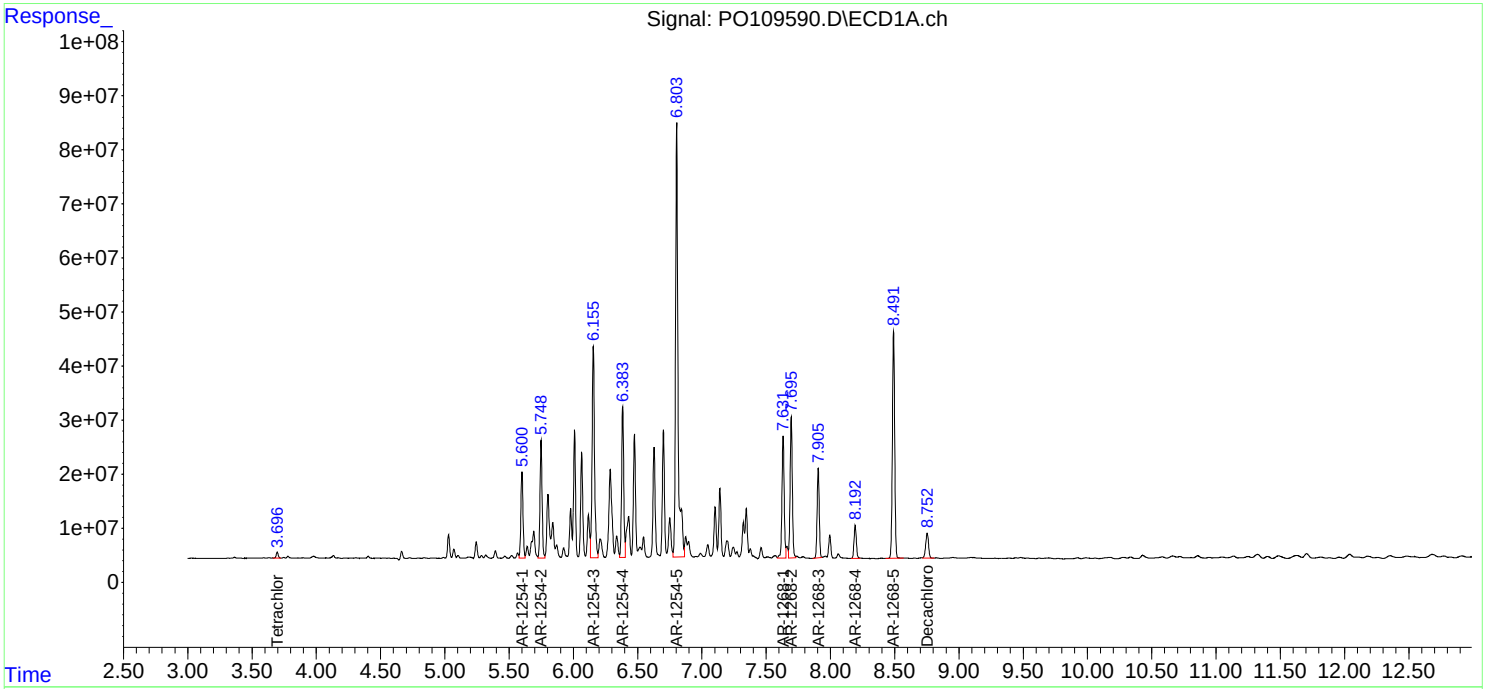
Instrument :
ECD_O
ClientSampleId :
K084-1ADL

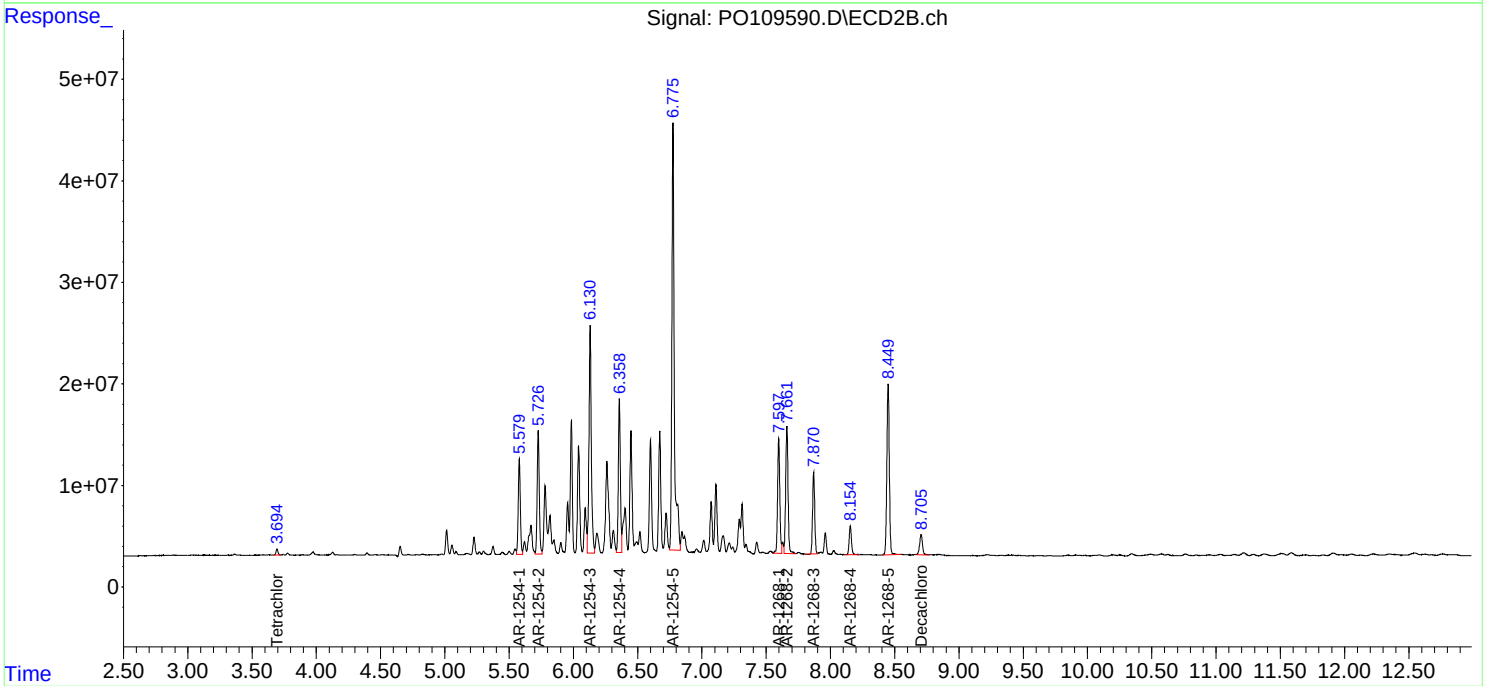
Manual Integrations APPROVED

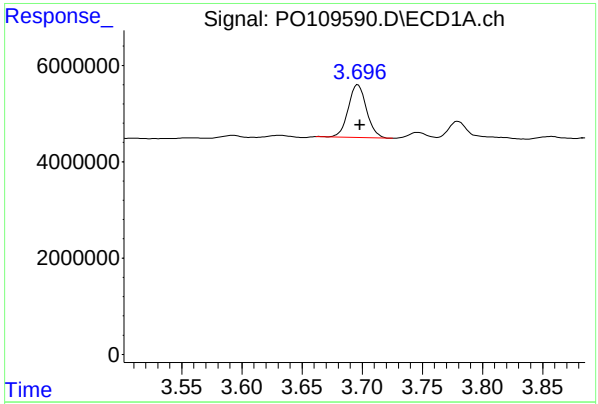
Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:55:36 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







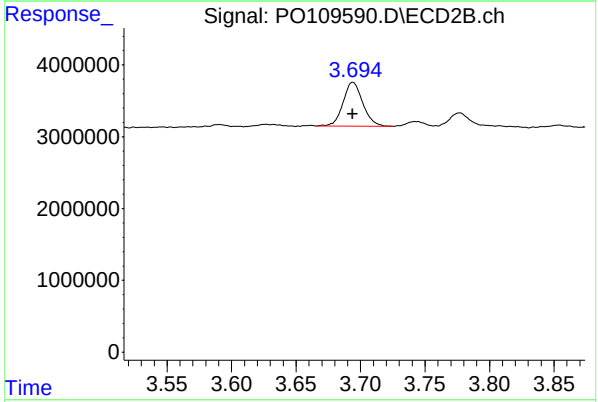
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 11584161
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1ADL

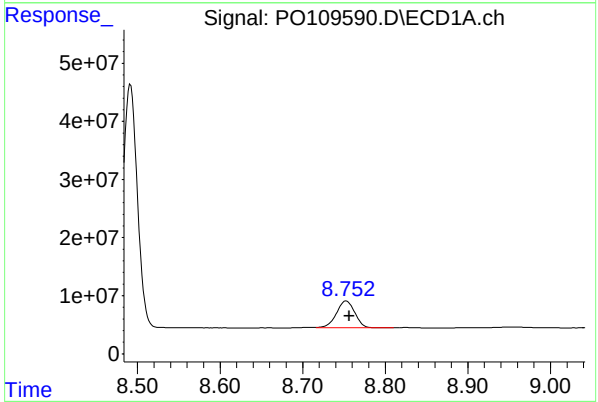
Manual Integrations APPROVED

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



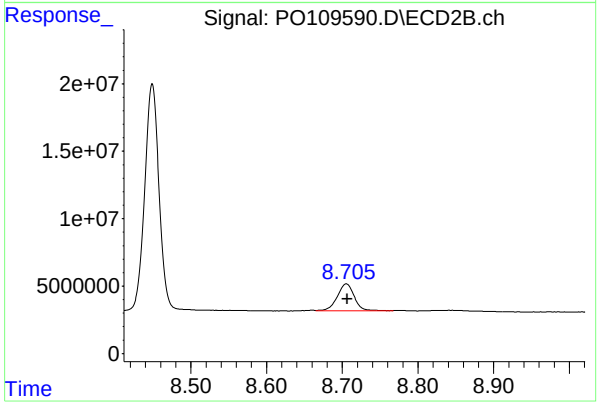
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 6515643
Conc: 1.24 ng/ml



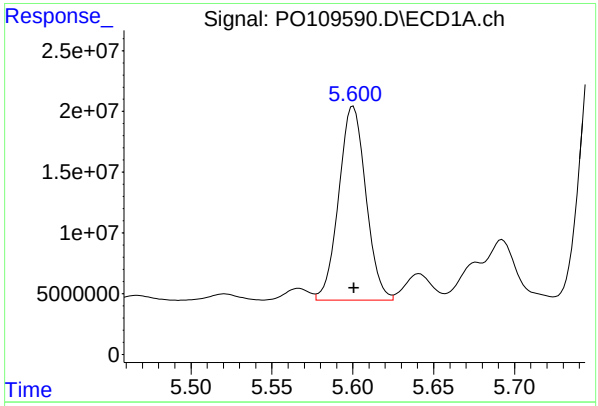
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 70681320
Conc: 8.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.001 min
Response: 31242539
Conc: 9.81 ng/ml



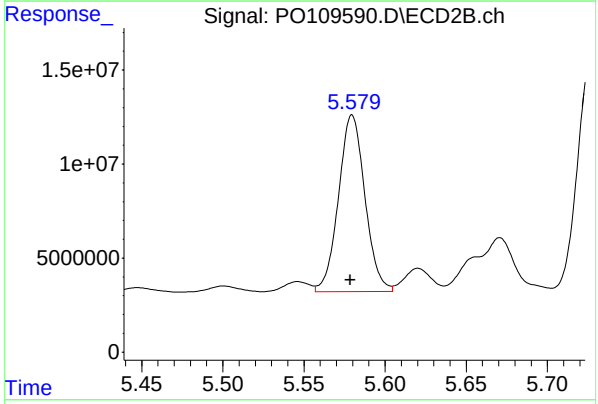
#26 AR-1254-1

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 186047760
Conc: 360.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1ADL

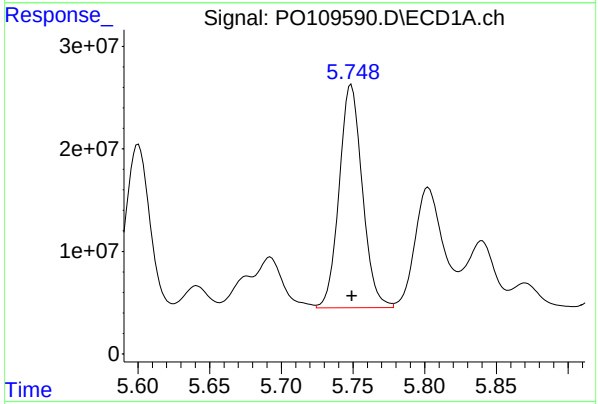
Manual Integrations APPROVED

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



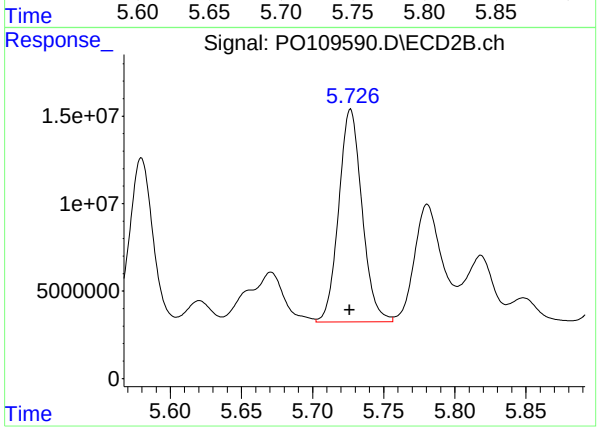
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 106650020
Conc: 407.78 ng/ml



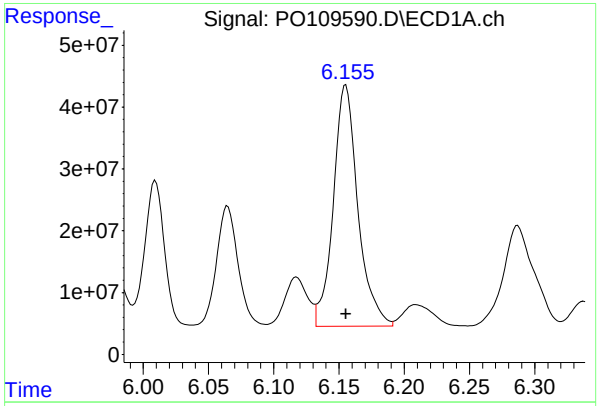
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 244806962
Conc: 543.56 ng/ml



#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 138828971
Conc: 591.87 ng/ml



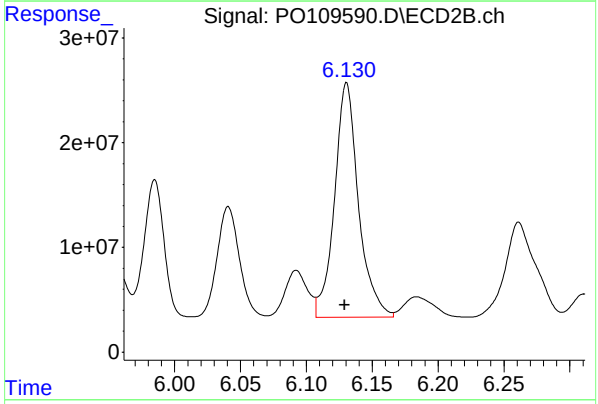
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 511932747
Conc: 715.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1ADL

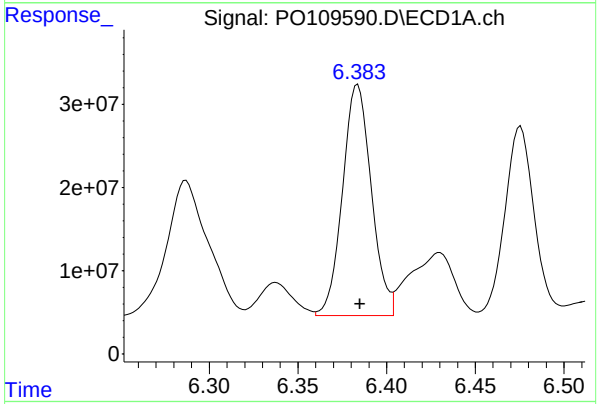
Manual Integrations
APPROVED

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



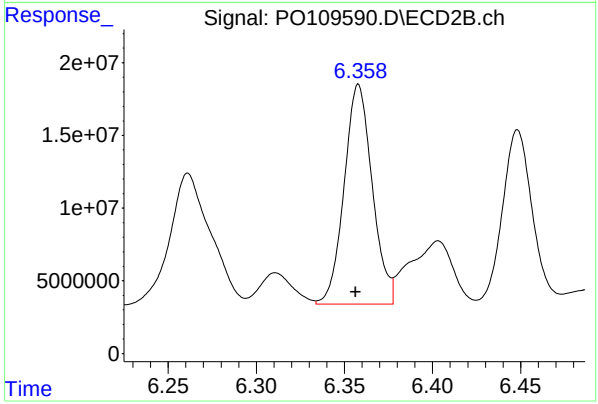
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 283261028
Conc: 794.11 ng/ml



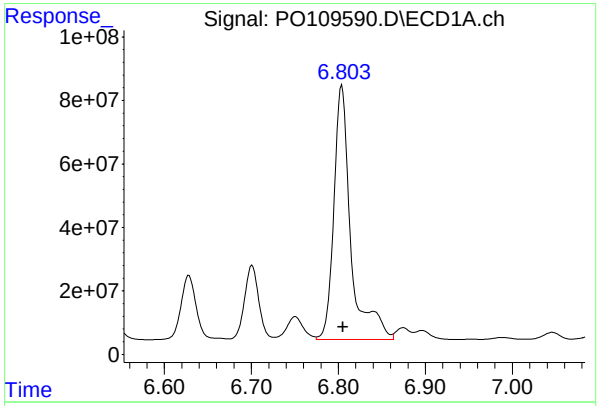
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: -0.001 min
Response: 314441956
Conc: 750.83 ng/ml



#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 167845231
Conc: 869.11 ng/ml



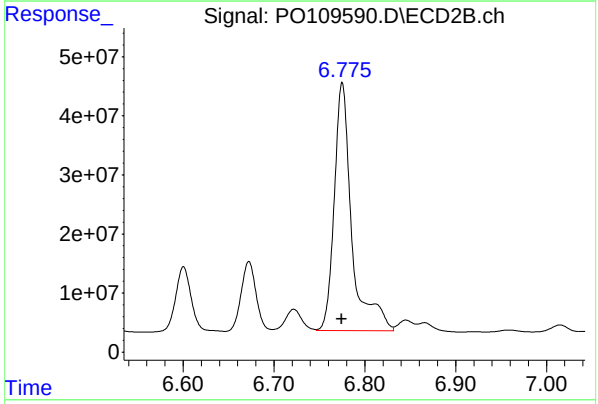
#30 AR-1254-5

R.T.: 6.803 min
Delta R.T.: -0.002 mi
Response: 1090747801
Conc: 1748.27 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-1ADL

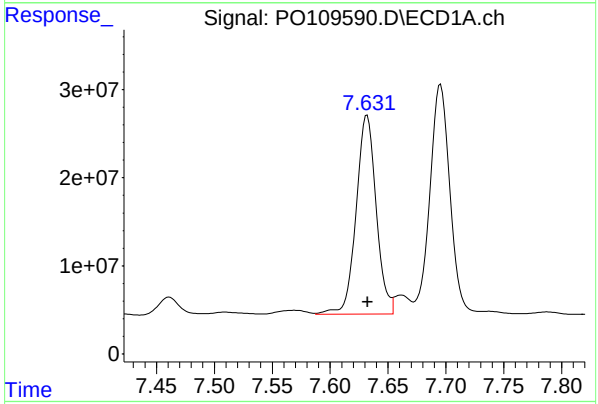
Manual Integrations
APPROVED

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



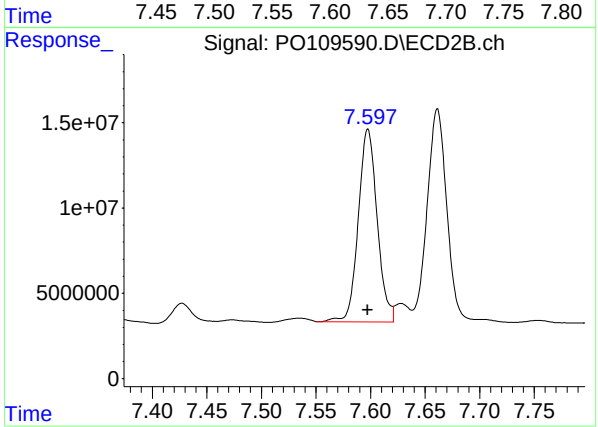
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 566631757
Conc: 1909.57 ng/ml m



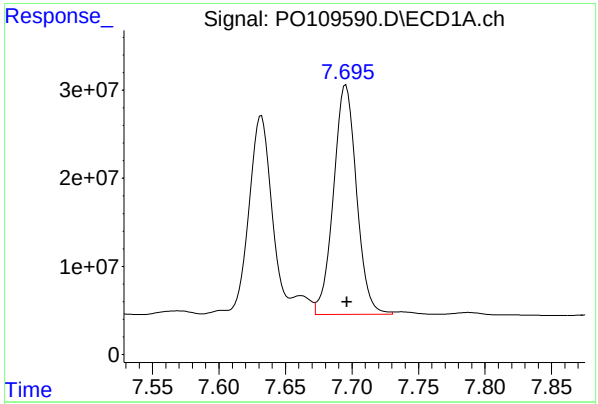
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 273655376
Conc: 206.65 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 135869184
Conc: 237.78 ng/ml



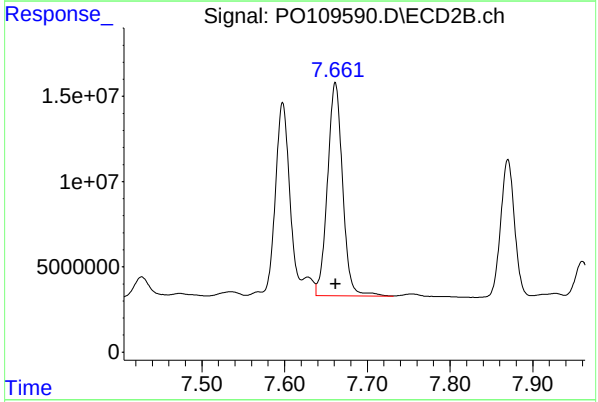
#42 AR-1268-2

R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 314229425
Conc: 259.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1ADL

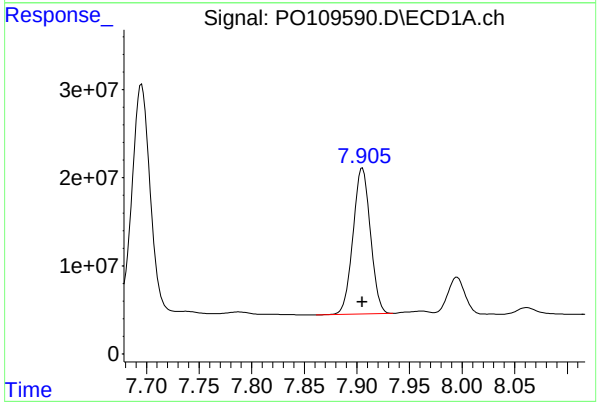
Manual Integrations APPROVED

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



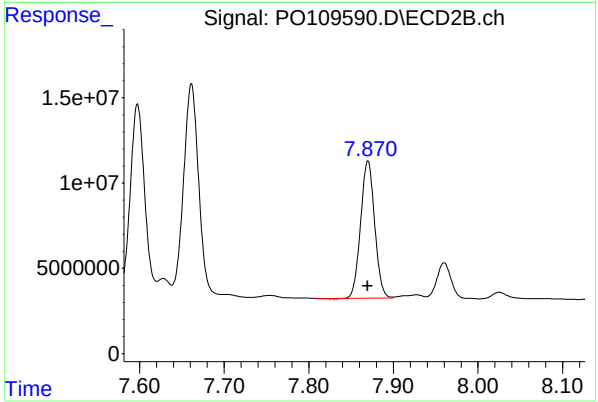
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 158680694
Conc: 302.28 ng/ml



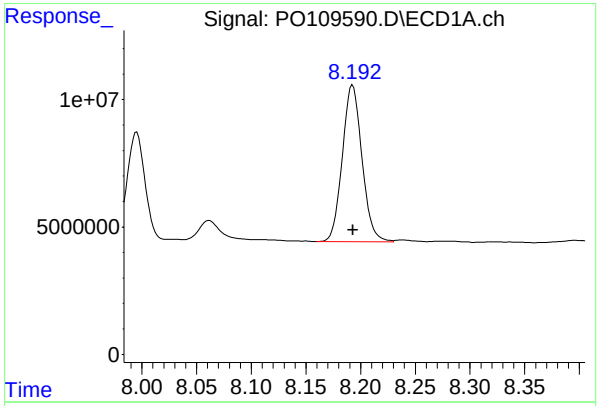
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 190161965
Conc: 186.77 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 92402120
Conc: 215.87 ng/ml



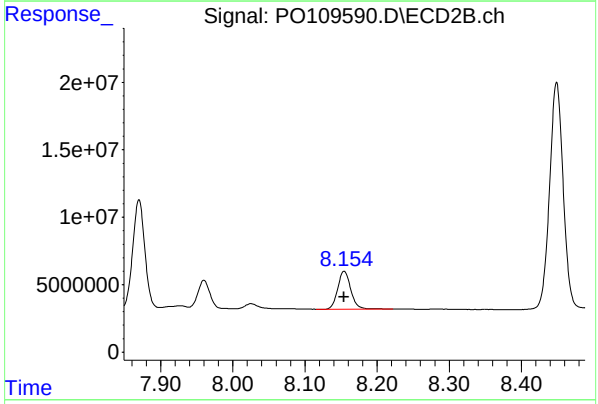
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 77089125
Conc: 181.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1ADL

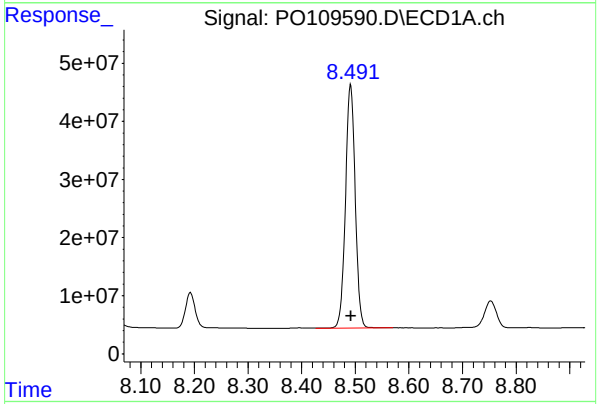
Manual Integrations APPROVED

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



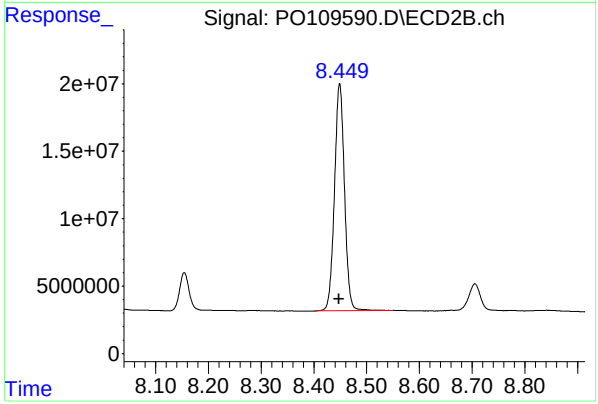
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 35517115
Conc: 220.15 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 526034875
Conc: 174.20 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 221905803
Conc: 203.00 ng/ml

Raw Data: **PO109589.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:	K084-1B	SDG No.:	Q1433
Lab Sample ID:	Q1433-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	37.1 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
PO109589.D	1	02/27/25 09:15	02/28/25 14:13	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	9.10	U	9.10	45.8	ug/kg
11104-28-2	Aroclor-1221	17.3	U	17.3	45.8	ug/kg
11141-16-5	Aroclor-1232	9.20	U	9.20	45.8	ug/kg
53469-21-9	Aroclor-1242	9.10	U	9.10	45.8	ug/kg
12672-29-6	Aroclor-1248	21.2	U	21.2	45.8	ug/kg
11097-69-1	Aroclor-1254	883		7.40	45.8	ug/kg
37324-23-5	Aroclor-1262	12.3	U	12.3	45.8	ug/kg
11100-14-4	Aroclor-1268	147		9.20	45.8	ug/kg
11096-82-5	Aroclor-1260	7.80	U	7.80	45.8	ug/kg
Total PCBs	Total PCBs	1000		16.6	45.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	10.5		32 - 144	53%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.8		32 - 175	64%	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: **PO109589.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 14:13
Operator : YP/AJ
Sample : Q1433-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-1B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:29:44 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	95492723	55183095	10.089	10.543
2)	SA Decachlor...	8.752	8.705	94734027	40705236	11.013	12.783
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.580	164.8E6	91819236	319.698	351.074
27)	L6 AR-1254-2	5.748	5.727	271.3E6	149.8E6	602.473	638.553
28)	L6 AR-1254-3	6.155	6.130	543.7E6	298.0E6	759.436	835.539
29)	L6 AR-1254-4	6.383	6.357	304.7E6	159.9E6	727.550	828.208
30)	L6 AR-1254-5	6.804	6.774	1267.7E6	672.4E6	2031.899	2265.927
41)	L9 AR-1268-1	7.631	7.598	189.7E6	91271248	143.270	159.729
42)	L9 AR-1268-2	7.695	7.661	249.7E6	123.7E6	206.509	235.651
43)	L9 AR-1268-3	7.905	7.869	118.1E6	56050251	116.038	130.945
44)	L9 AR-1268-4	8.192	8.154	62091483	26577559	146.146	164.735
45)	L9 AR-1268-5	8.491	8.449	328.5E6	137.4E6	108.784	125.654

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

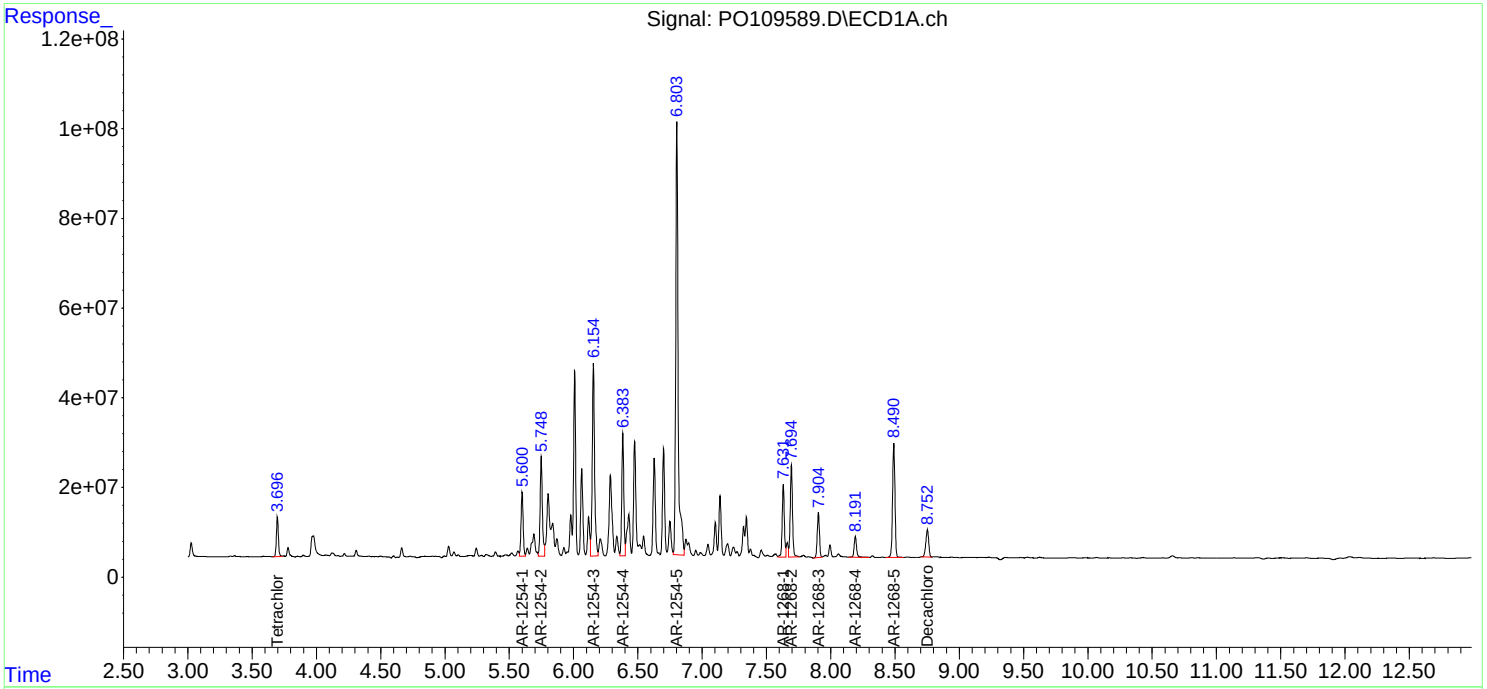
Sample Results: **PO109589.D**

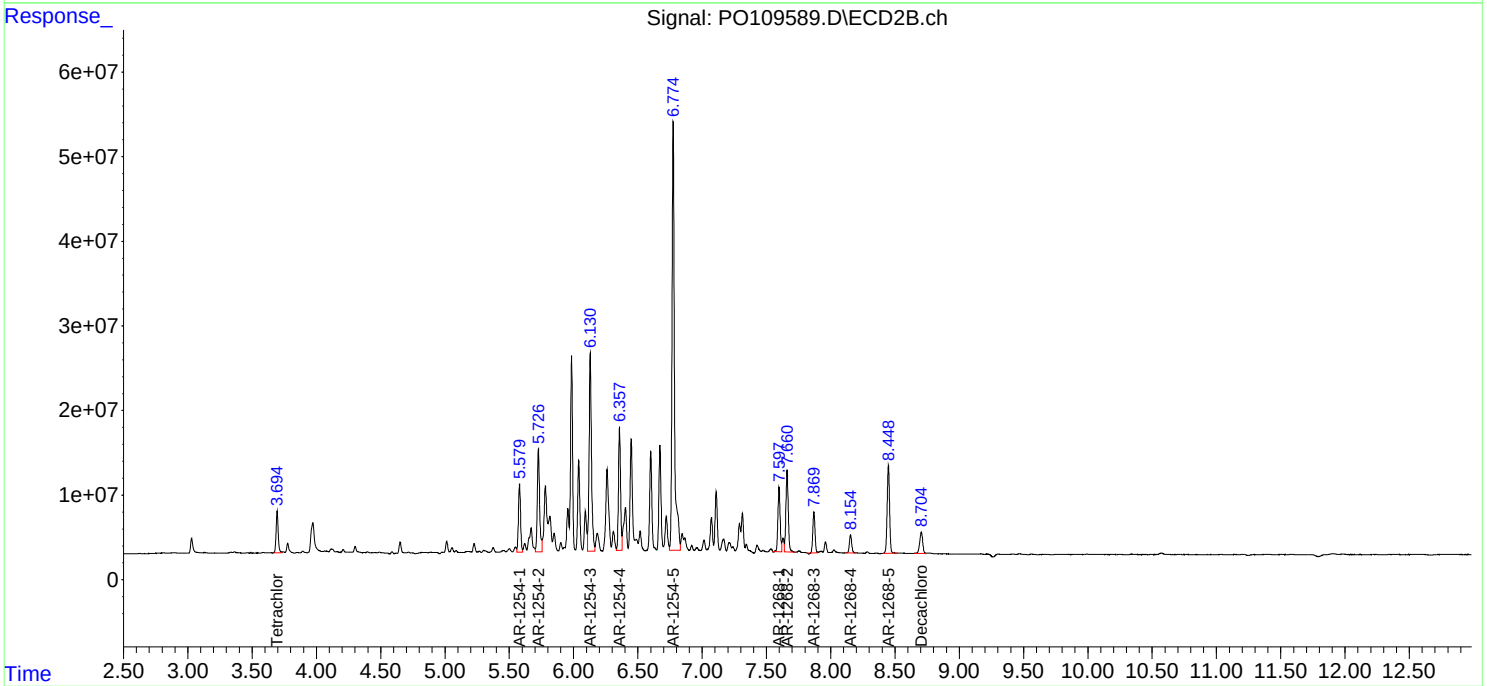
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 14:13
Operator : YP/AJ
Sample : Q1433-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

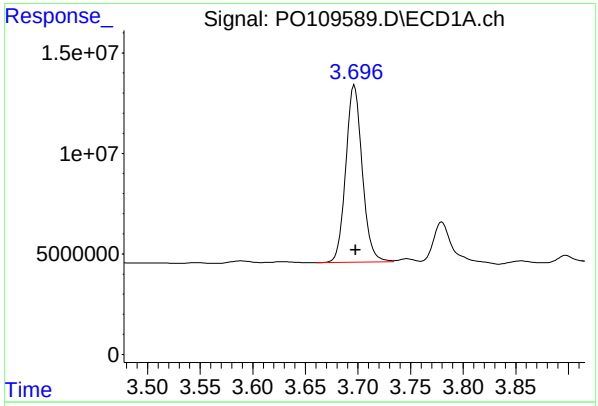
Instrument :
ECD_O
ClientSampleId :
K084-1B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 14:29:44 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



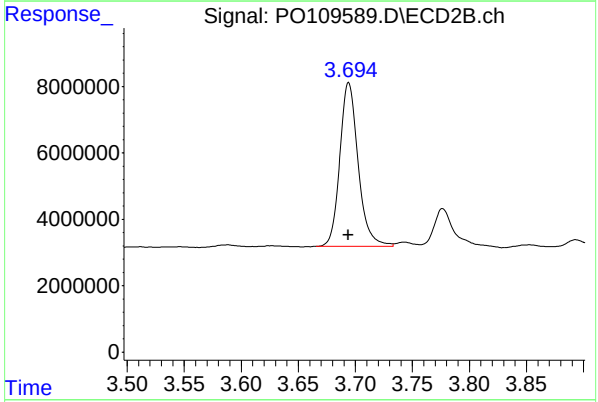




#1 Tetrachloro-m-xylene

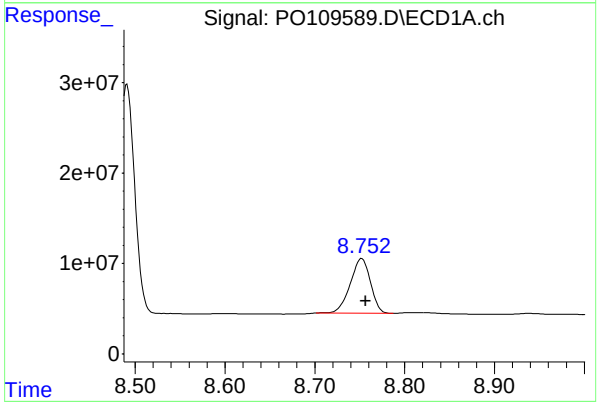
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 95492723
Conc: 10.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1B



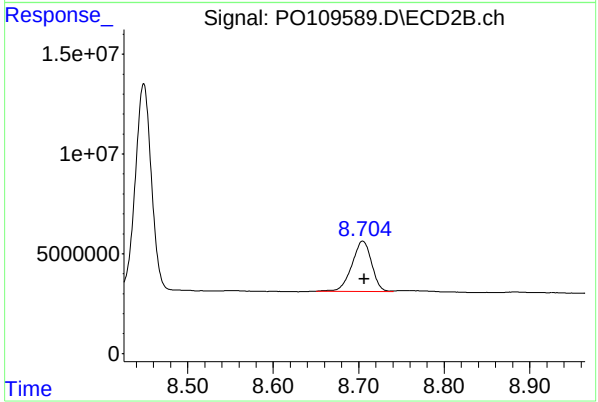
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 55183095
Conc: 10.54 ng/ml



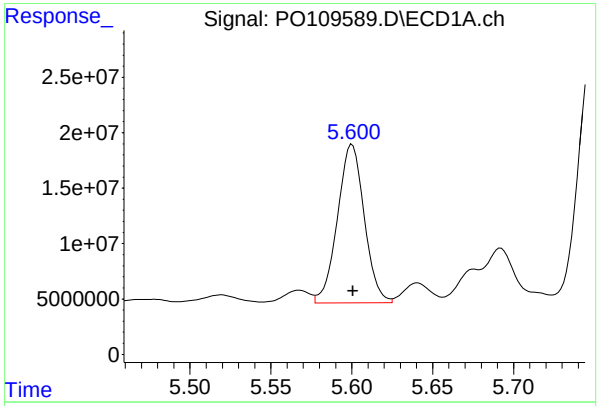
#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 94734027
Conc: 11.01 ng/ml



#2 Decachlorobiphenyl

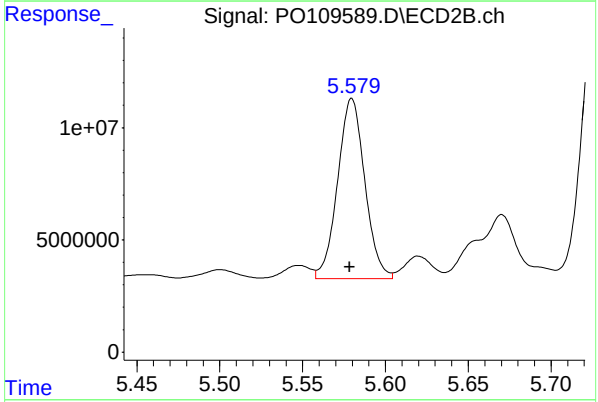
R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 40705236
Conc: 12.78 ng/ml



#26 AR-1254-1

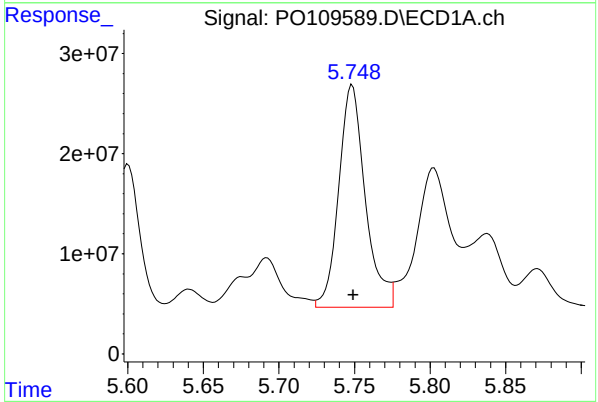
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 164838177
Conc: 319.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1B



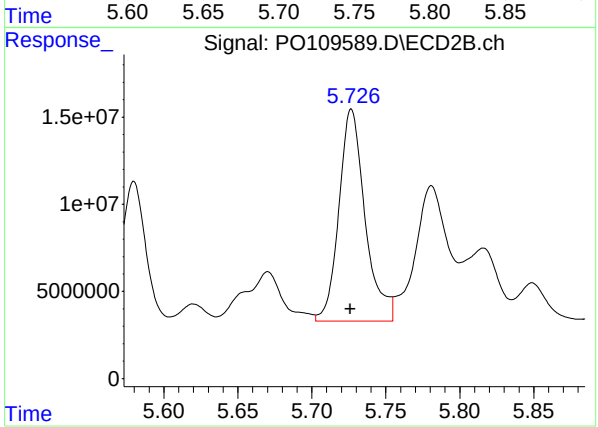
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 91819236
Conc: 351.07 ng/ml



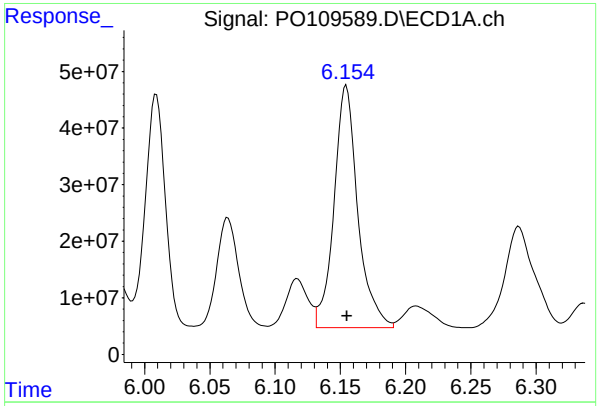
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 271338599
Conc: 602.47 ng/ml



#27 AR-1254-2

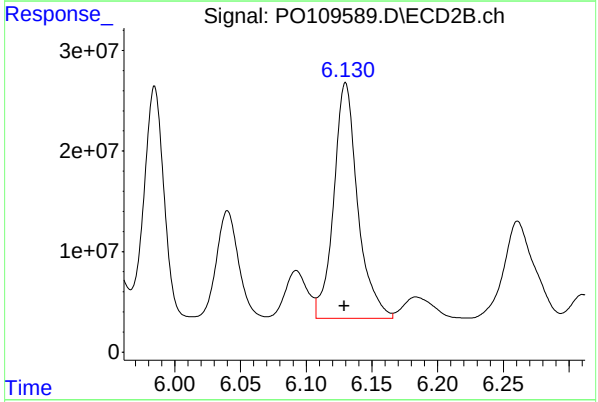
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 149779874
Conc: 638.55 ng/ml



#28 AR-1254-3

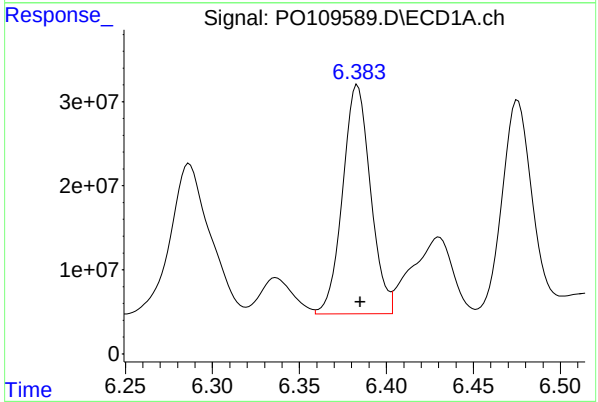
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 543722095
Conc: 759.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1B



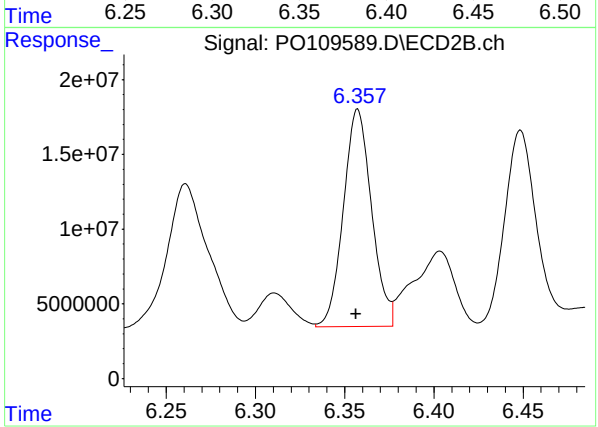
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 298040583
Conc: 835.54 ng/ml



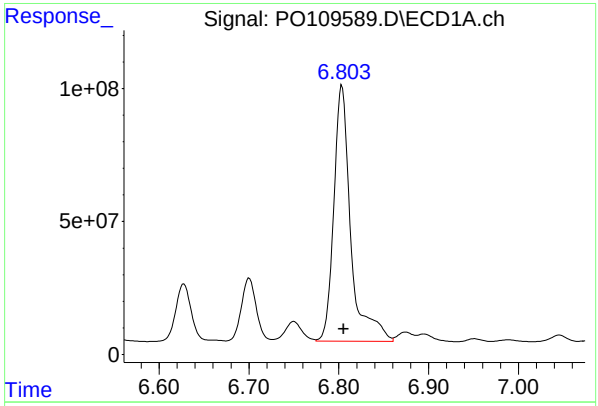
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 304691748
Conc: 727.55 ng/ml



#29 AR-1254-4

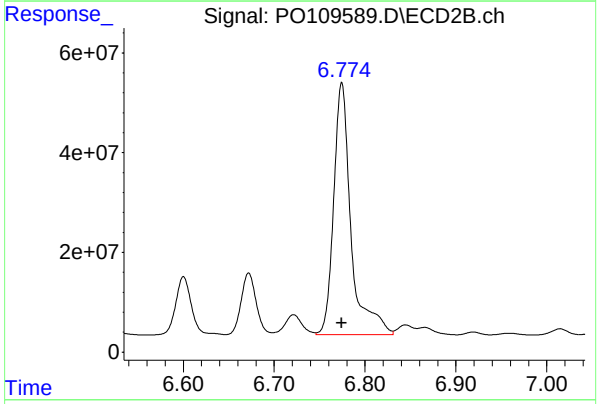
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 159946409
Conc: 828.21 ng/ml



#30 AR-1254-5

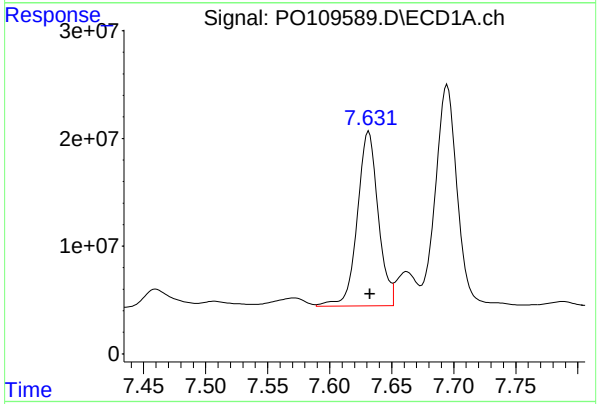
R.T.: 6.804 min
Delta R.T.: -0.002 mi
Response: 1267708026
Conc: 2031.90 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-1B



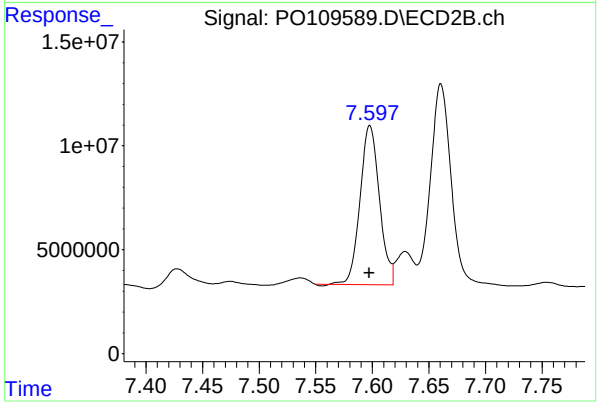
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 672373728
Conc: 2265.93 ng/ml



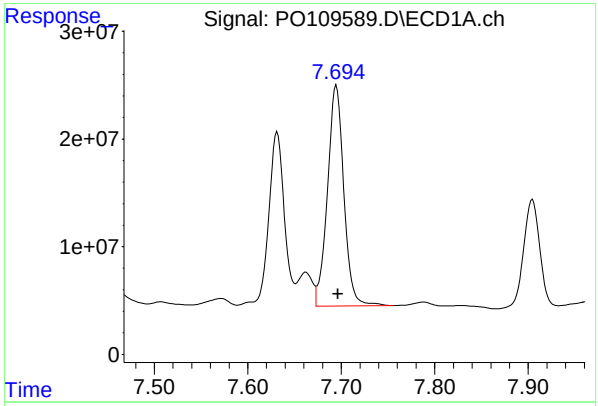
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 189720191
Conc: 143.27 ng/ml



#41 AR-1268-1

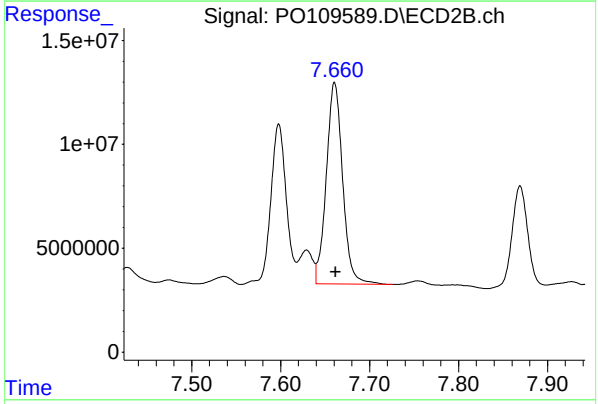
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 91271248
Conc: 159.73 ng/ml



#42 AR-1268-2

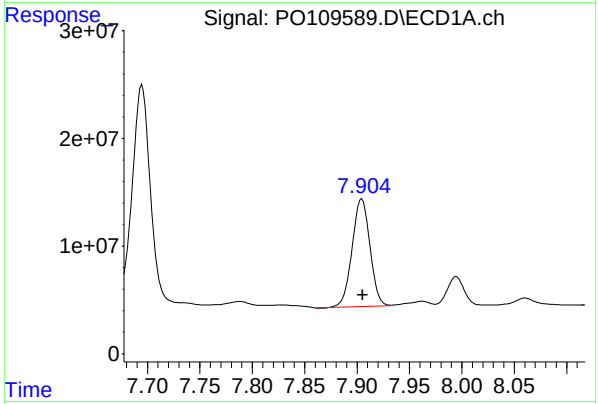
R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 249691803
Conc: 206.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1B



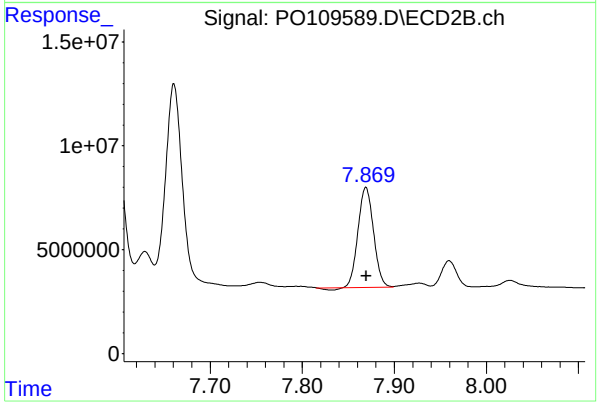
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 123703645
Conc: 235.65 ng/ml



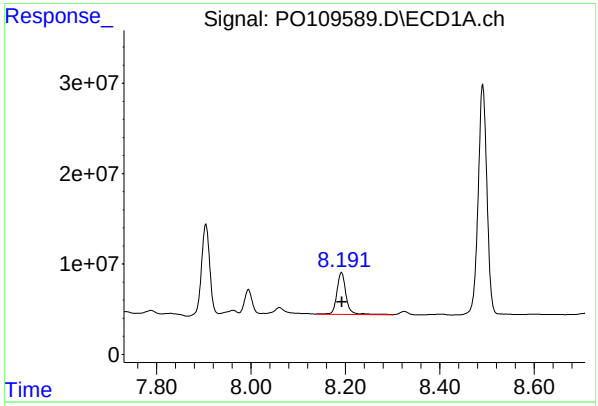
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 118147604
Conc: 116.04 ng/ml



#43 AR-1268-3

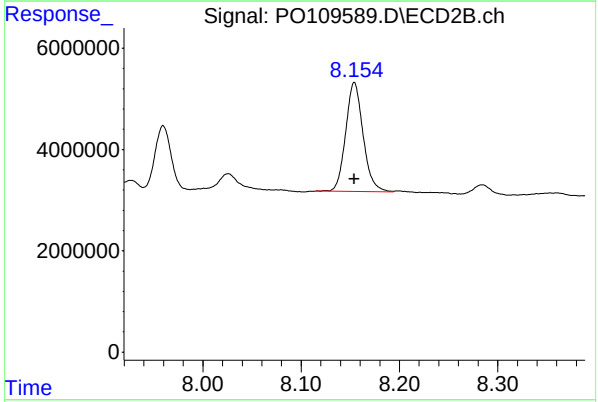
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 56050251
Conc: 130.95 ng/ml



#44 AR-1268-4

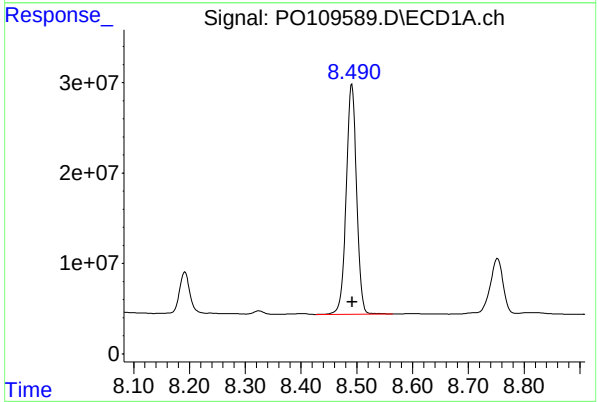
R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 62091483
Conc: 146.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1B



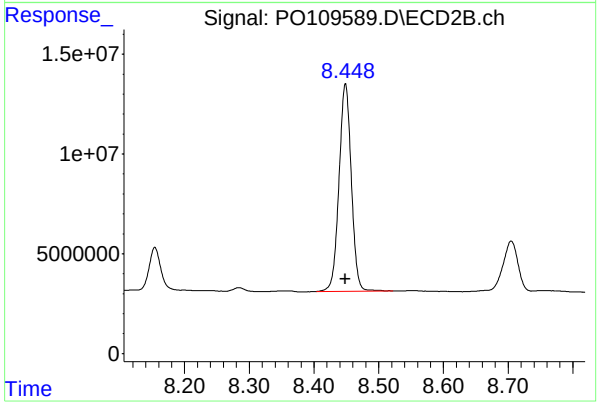
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 26577559
Conc: 164.74 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 328490930
Conc: 108.78 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 137357587
Conc: 125.65 ng/ml

Raw Data: **PO109684.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:	K084-1C	SDG No.:	Q1433
Lab Sample ID:	Q1433-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	52.1 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
PO109684.D	1	03/06/25 11:40	03/07/25 01:05	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	6.50	U	6.50	32.6	ug/kg
11104-28-2	Aroclor-1221	12.3	U	12.3	32.6	ug/kg
11141-16-5	Aroclor-1232	6.50	U	6.50	32.6	ug/kg
53469-21-9	Aroclor-1242	6.50	U	6.50	32.6	ug/kg
12672-29-6	Aroclor-1248	15.1	U	15.1	32.6	ug/kg
11097-69-1	Aroclor-1254	245		5.20	32.6	ug/kg
37324-23-5	Aroclor-1262	8.80	U	8.80	32.6	ug/kg
11100-14-4	Aroclor-1268	41.0		6.60	32.6	ug/kg
11096-82-5	Aroclor-1260	5.60	U	5.60	32.6	ug/kg
Total PCBs	Total PCBs	286		11.8	32.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	12.8		32 - 144	64%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.5		32 - 175	53%	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: **PO109684.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 01:05
Operator : YP/AJ
Sample : Q1433-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-1C

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:42 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	114.4E6	67014645	12.092	12.803
2)	SA Decachlor...	8.754	8.706	81389214	33491668	9.462	10.518
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.580	63239510	35519580	122.651	135.810
27)	L6 AR-1254-2	5.749	5.728	94870911	52585298	210.649	224.186
28)	L6 AR-1254-3	6.155	6.130	195.2E6	106.7E6	272.598	299.221
29)	L6 AR-1254-4	6.385	6.358	97995770	49379475	233.997	255.689
30)	L6 AR-1254-5	6.804	6.774	565.5E6	297.9E6	906.456	1003.944
41)	L9 AR-1268-1	7.633	7.598	74484685	35404129	56.248	61.959m
42)	L9 AR-1268-2	7.696	7.662	101.9E6	48377901	84.264	92.158
43)	L9 AR-1268-3	7.905	7.869	49405687	22469931	48.524m	52.494m
44)	L9 AR-1268-4	8.194	8.155	26861947	11069011	63.226	68.609
45)	L9 AR-1268-5	8.493	8.450	121.1E6	50166114	40.119	45.892

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 01:05
Operator : YP/AJ
Sample : Q1433-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

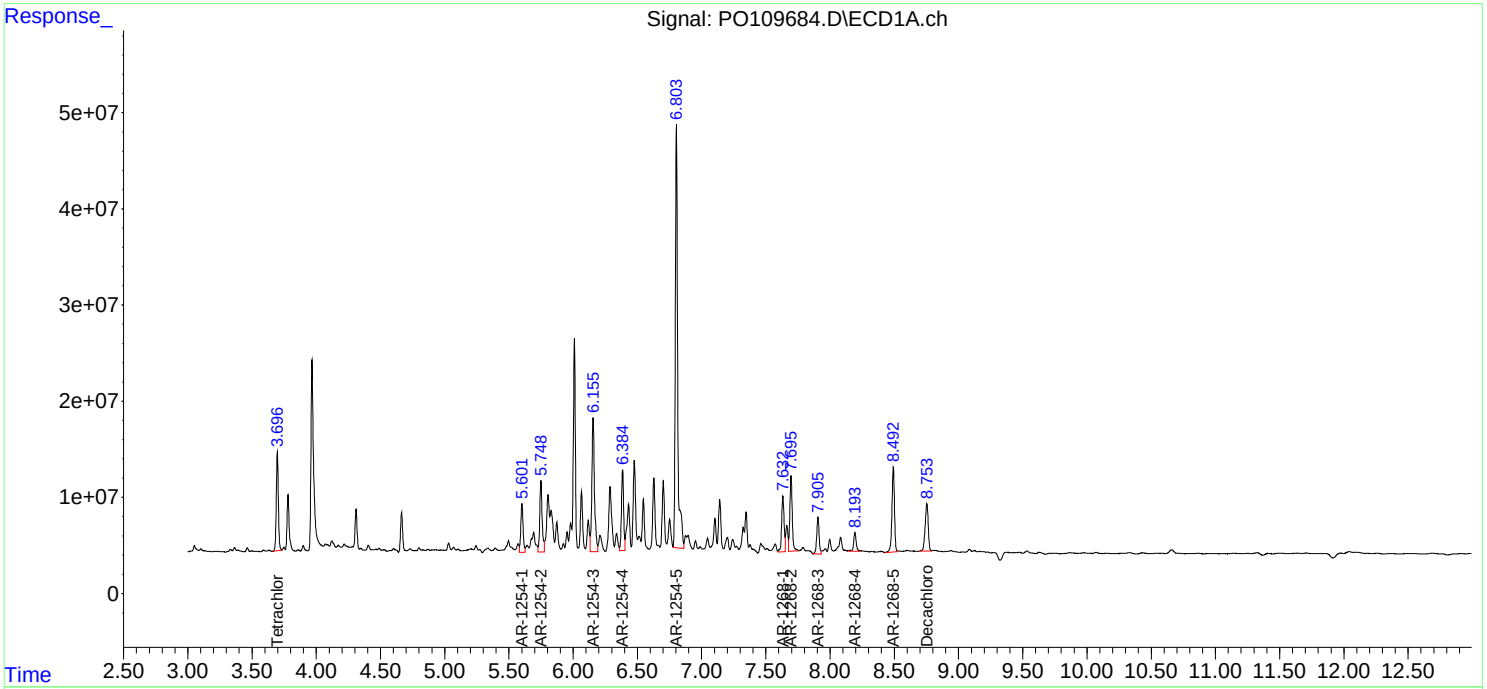
Instrument :
ECD_O
ClientSampleId :
K084-1C

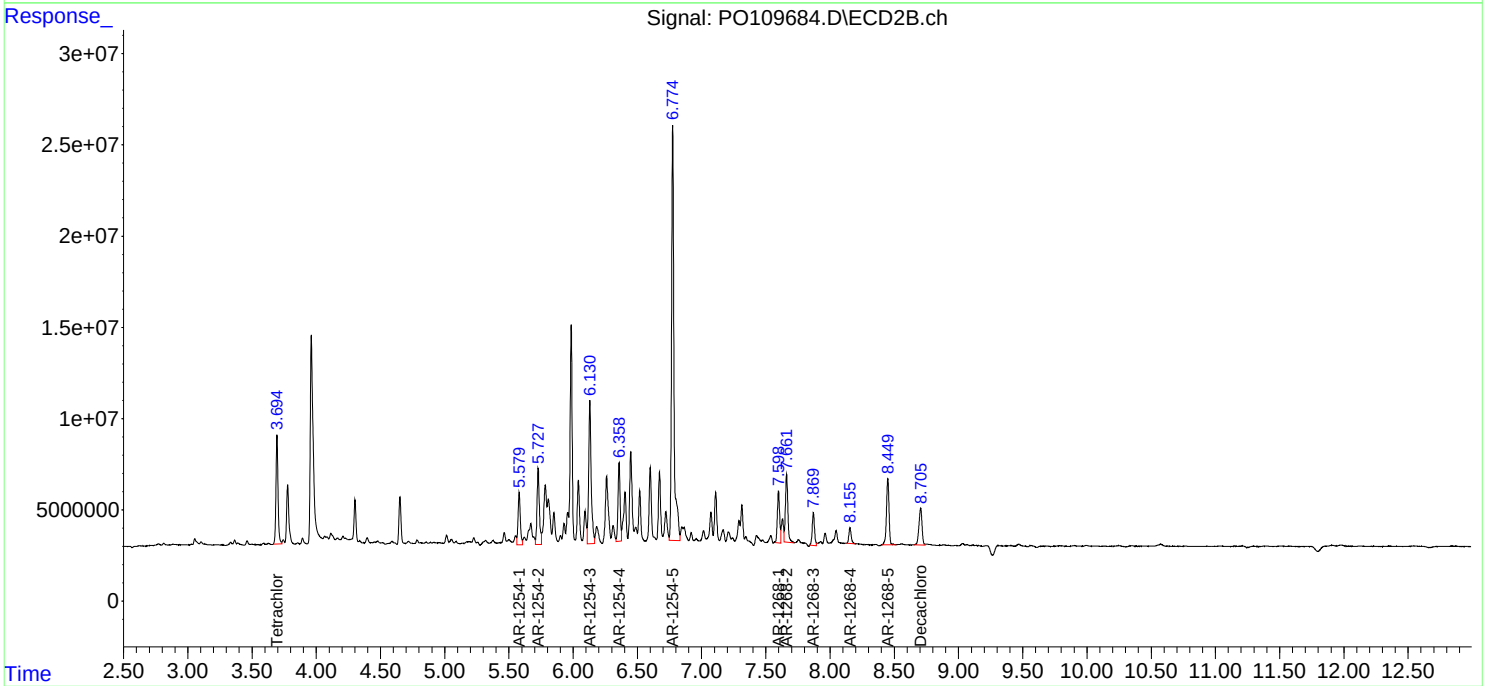
Manual Integrations APPROVED

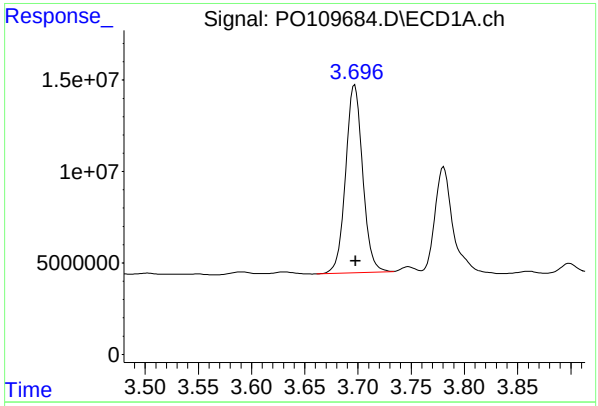
Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:42 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







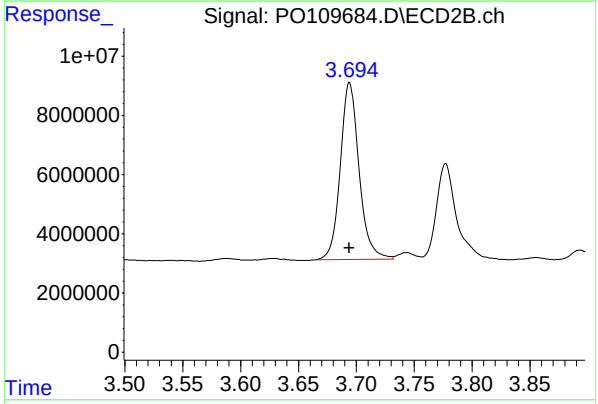
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 114449714
Conc: 12.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1C

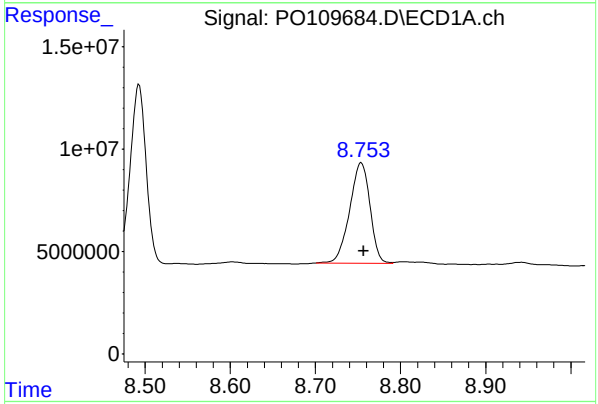
Manual Integrations
APPROVED

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



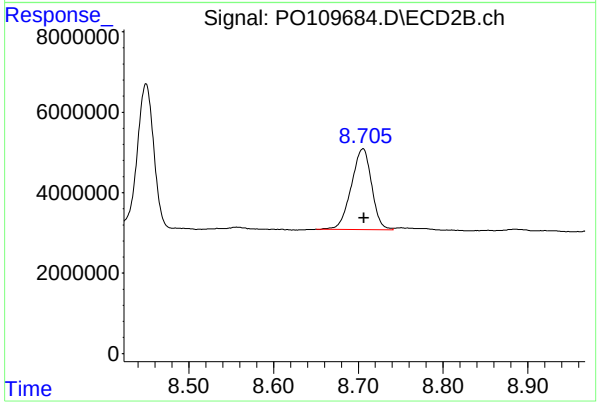
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 67014645
Conc: 12.80 ng/ml



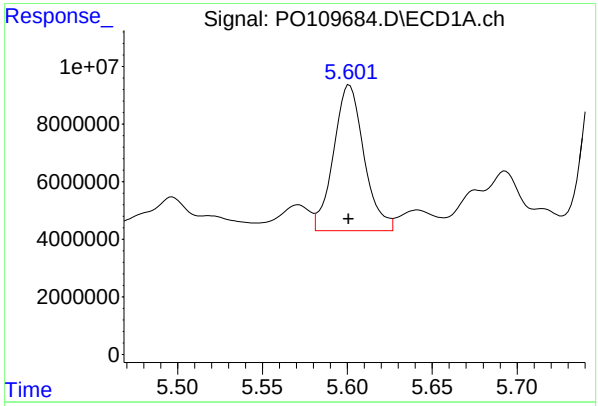
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 81389214
Conc: 9.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 33491668
Conc: 10.52 ng/ml



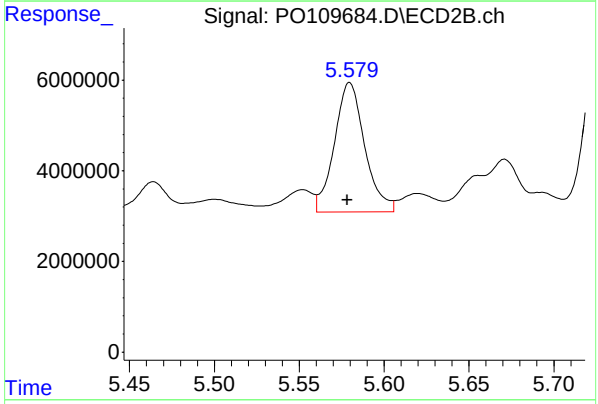
#26 AR-1254-1

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 63239510
Conc: 122.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1C

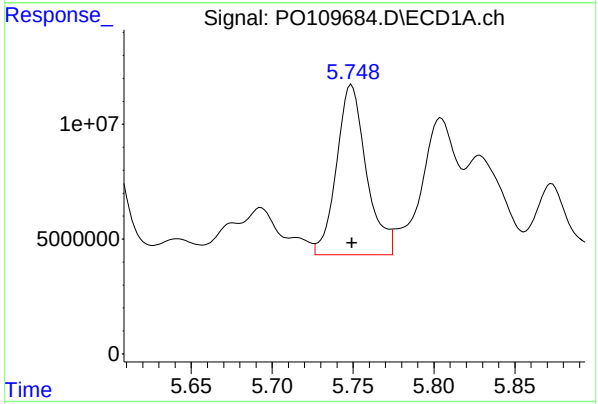
Manual Integrations APPROVED

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



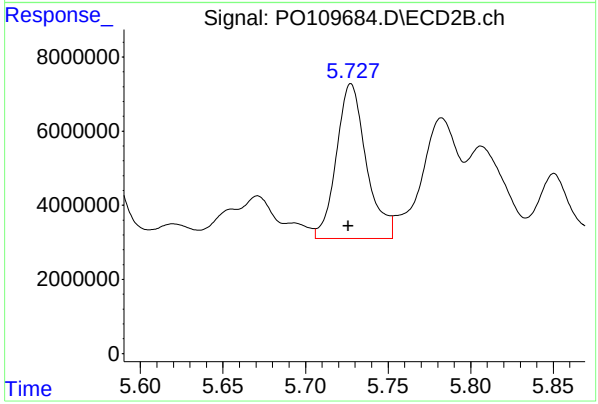
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 35519580
Conc: 135.81 ng/ml



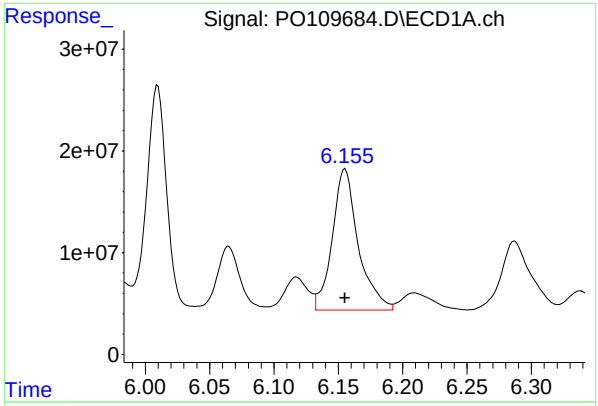
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 94870911
Conc: 210.65 ng/ml



#27 AR-1254-2

R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 52585298
Conc: 224.19 ng/ml



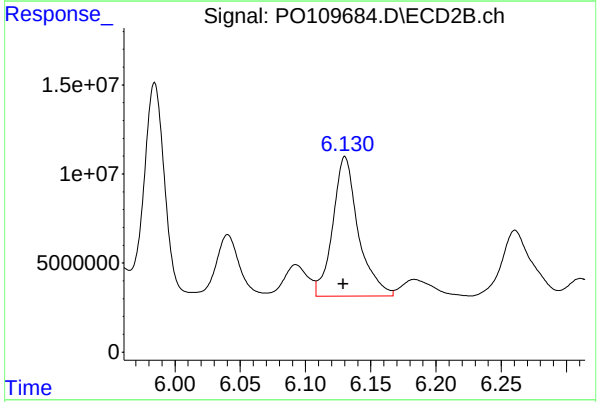
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 195168267
Conc: 272.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1C

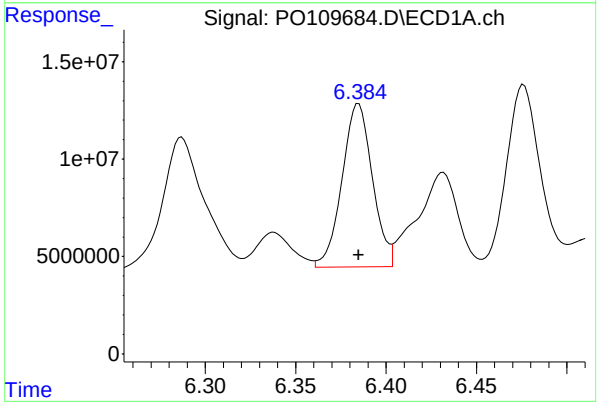
Manual Integrations
APPROVED

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



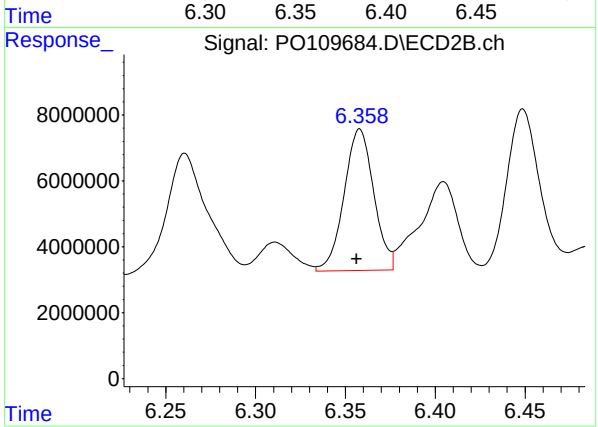
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 106733412
Conc: 299.22 ng/ml



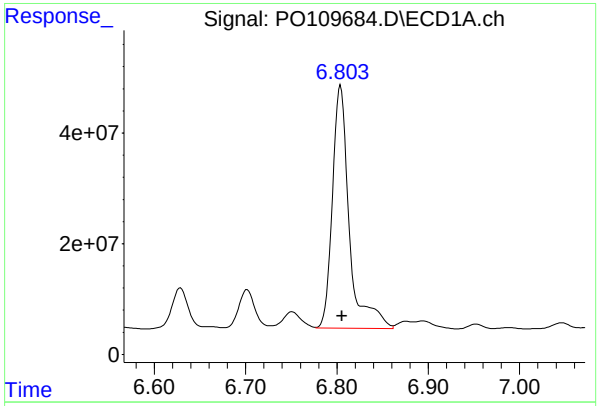
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 97995770
Conc: 234.00 ng/ml



#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 49379475
Conc: 255.69 ng/ml



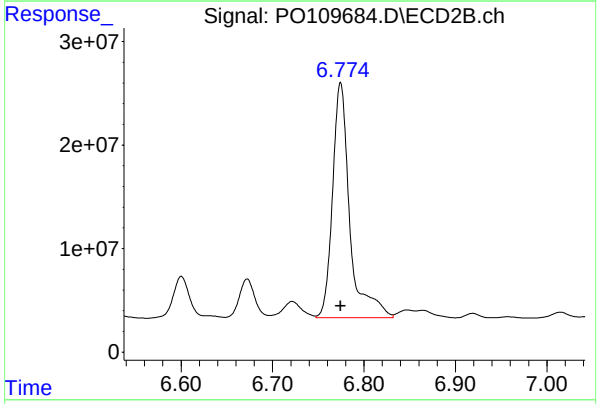
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.002 mi
Response: 565540796
Conc: 906.46 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-1C

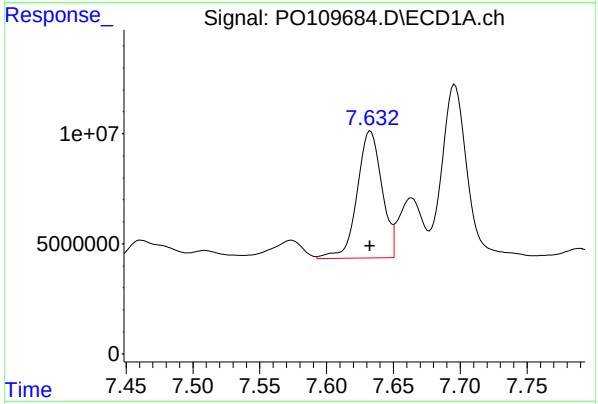
Manual Integrations
APPROVED

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



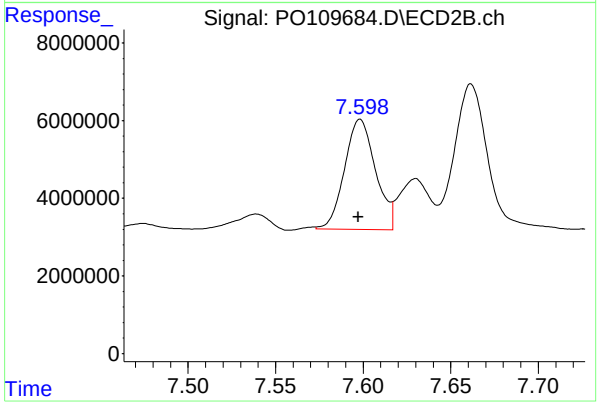
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 297902665
Conc: 1003.94 ng/ml



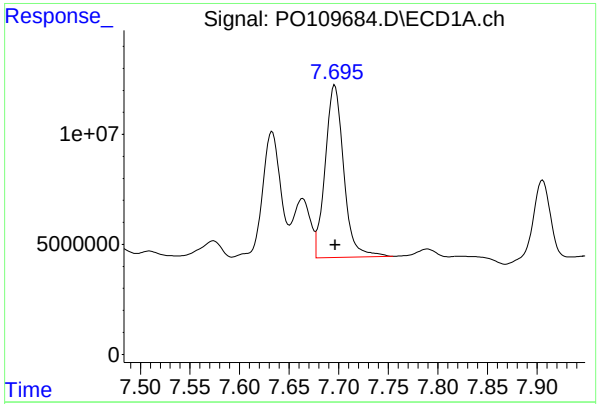
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 74484685
Conc: 56.25 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 35404129
Conc: 61.96 ng/ml m



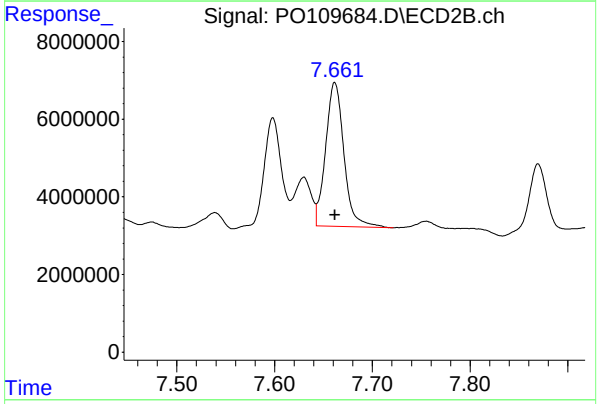
#42 AR-1268-2

R.T.: 7.696 min
Delta R.T.: 0.000 mi
Response: 101884300
Conc: 84.26 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-1C

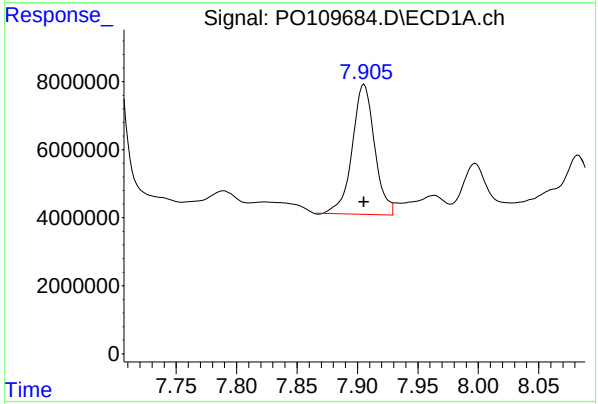
Manual Integrations
APPROVED

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



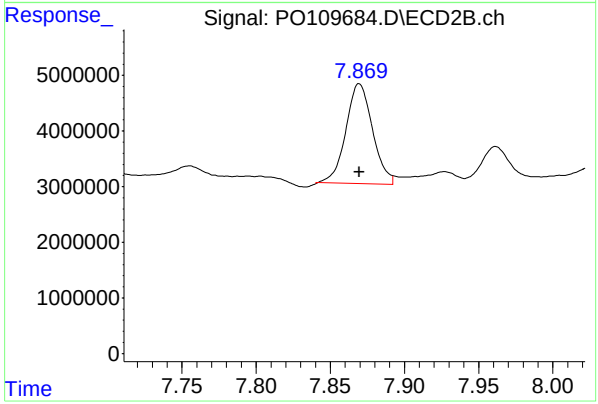
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 48377901
Conc: 92.16 ng/ml



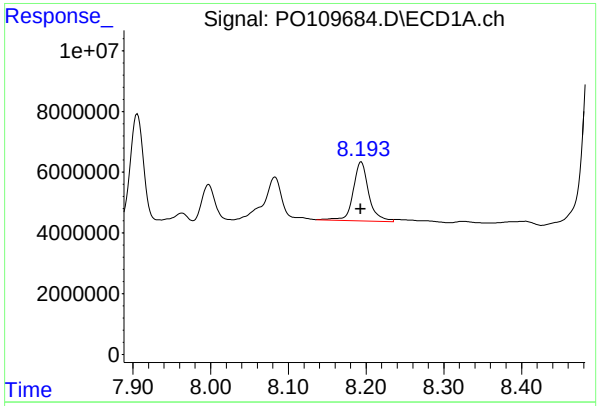
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 49405687
Conc: 48.52 ng/ml m



#43 AR-1268-3

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 22469931
Conc: 52.49 ng/ml m



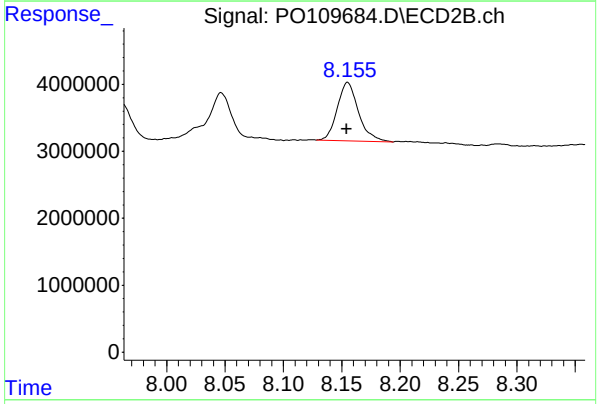
#44 AR-1268-4

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 26861947
Conc: 63.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-1C

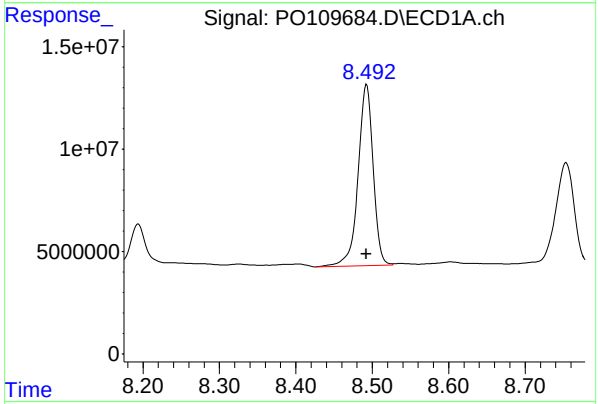
Manual Integrations
APPROVED

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



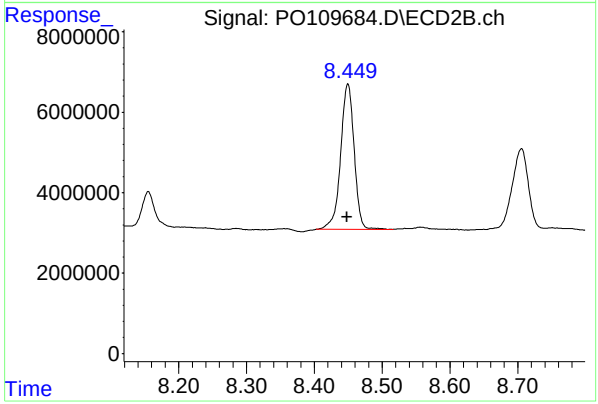
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 11069011
Conc: 68.61 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 121144939
Conc: 40.12 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.001 min
Response: 50166114
Conc: 45.89 ng/ml

Raw Data: **PO109555.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:	K084-2A	SDG No.:	Q1433
Lab Sample ID:	Q1433-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.9 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
PO109555.D	1	02/27/25 09:15	02/28/25 02:08	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.50	U	3.50	17.7	ug/kg
11104-28-2	Aroclor-1221	6.70	U	6.70	17.7	ug/kg
11141-16-5	Aroclor-1232	3.50	U	3.50	17.7	ug/kg
53469-21-9	Aroclor-1242	3.50	U	3.50	17.7	ug/kg
12672-29-6	Aroclor-1248	8.20	U	8.20	17.7	ug/kg
11097-69-1	Aroclor-1254	7400	E	2.80	17.7	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	17.7	ug/kg
11100-14-4	Aroclor-1268	511	E	3.60	17.7	ug/kg
11096-82-5	Aroclor-1260	3.00	U	3.00	17.7	ug/kg
Total PCBs	Total PCBs	8000	E	6.40	17.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	67.9	*	32 - 175	339%	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 : PO109555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 02:08
Operator : YP/AJ
Sample : Q1433-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-2A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:23:53 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...	3.697	3.695	188.8E6	109.1E6	19.947	20.836
2)	SA Decachlor...	8.754	8.706	532.8E6	216.2E6	61.938	67.881
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.580	4496.2E6	2628.7E6	8720.185	10050.805
27)	L6 AR-1254-2	5.750	5.728	5628.2E6	3291.0E6	12496.739	14030.481
28)	L6 AR-1254-3	6.156	6.131	12085.0E6	7074.0E6	16879.586	19831.642
29)	L6 AR-1254-4	6.386	6.359	8587.1E6	4814.7E6	20504.587	24930.748
30)	L6 AR-1254-5	6.804	6.777	16476.1E6	11398.0E6	26408.181	38411.817 #
41)	L9 AR-1268-1	7.632	7.599	1536.4E6	724.2E6	1160.207	1267.433
42)	L9 AR-1268-2	7.696	7.662	3043.5E6	1462.7E6	2517.152	2786.443
43)	L9 AR-1268-3	7.906	7.871	832.6E6	390.7E6	817.707	912.869
44)	L9 AR-1268-4	8.194	8.156	511.5E6	223.4E6	1203.892	1384.502
45)	L9 AR-1268-5	8.492	8.450	2766.2E6	1103.7E6	916.075	1009.624

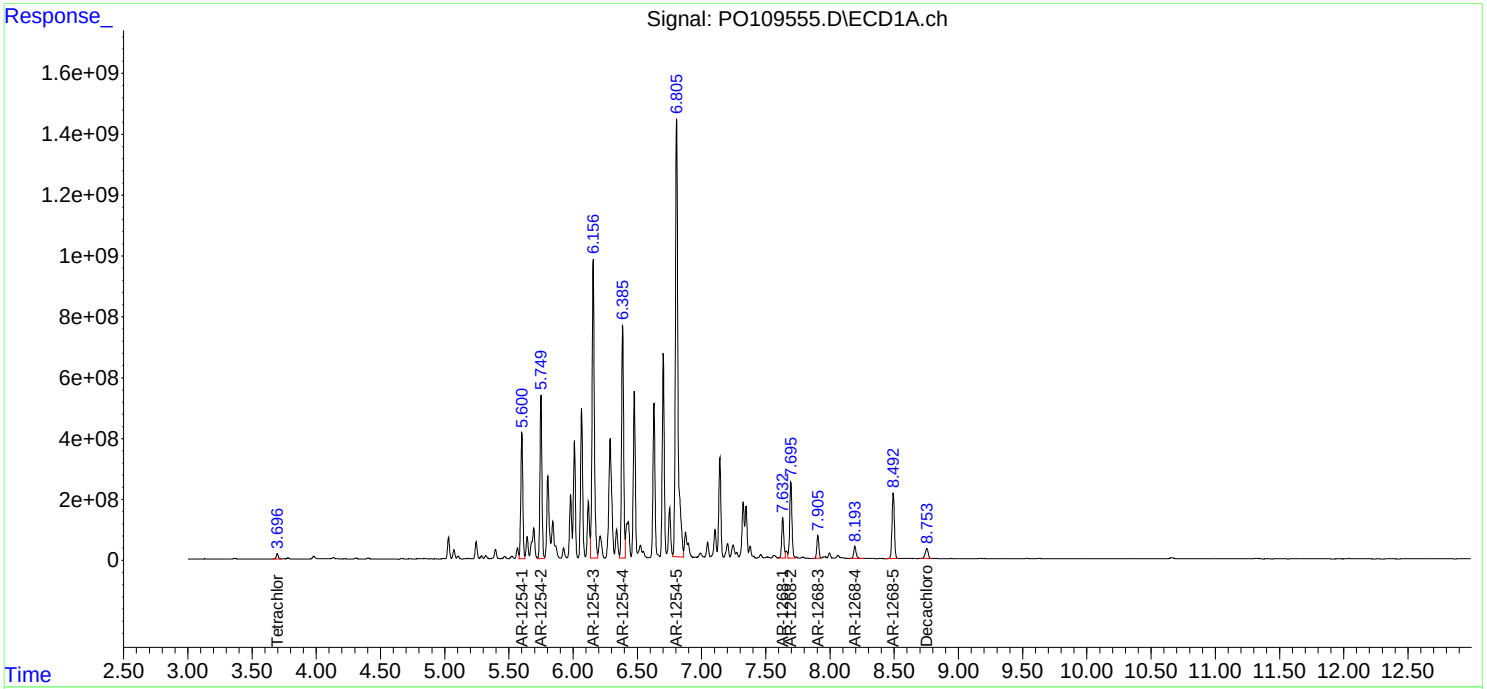
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

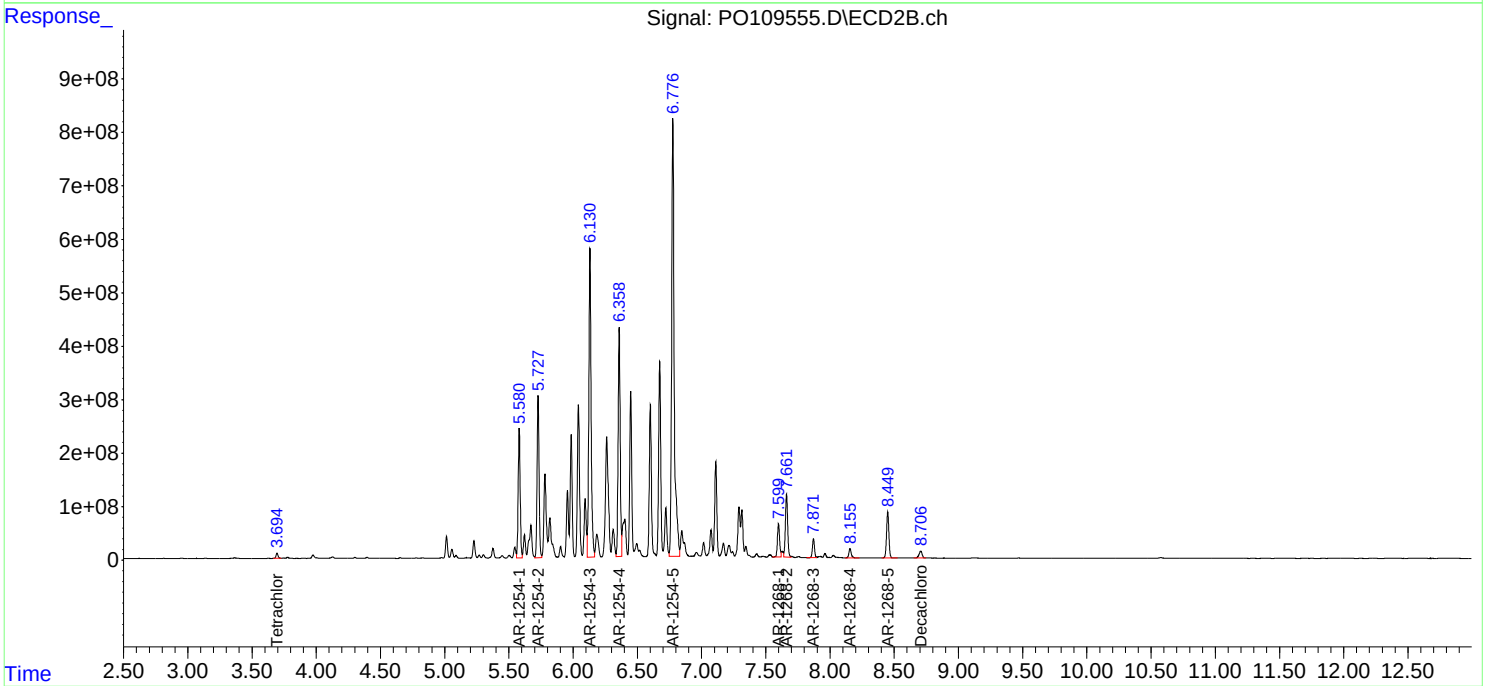
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 02:08
Operator : YP/AJ
Sample : Q1433-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

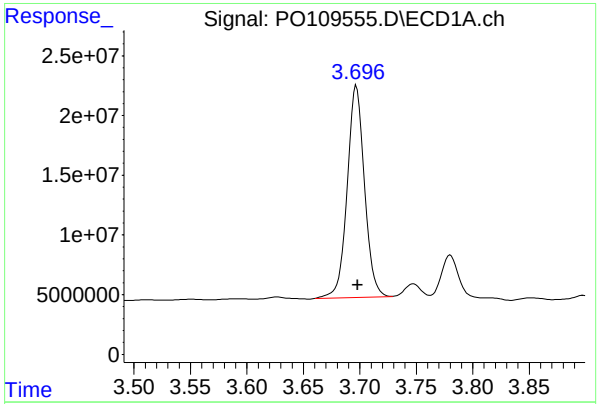
Instrument :
ECD_O
ClientSampleId :
K084-2A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:23:53 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



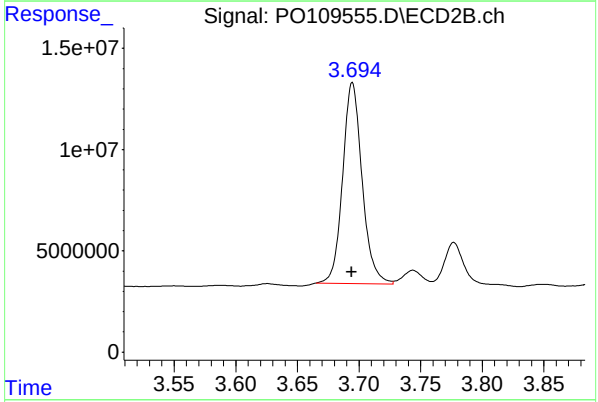




#1 Tetrachloro-m-xylene

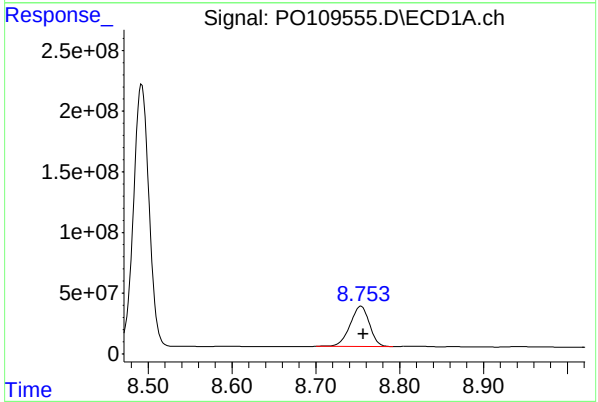
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 188797218
Conc: 19.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2A



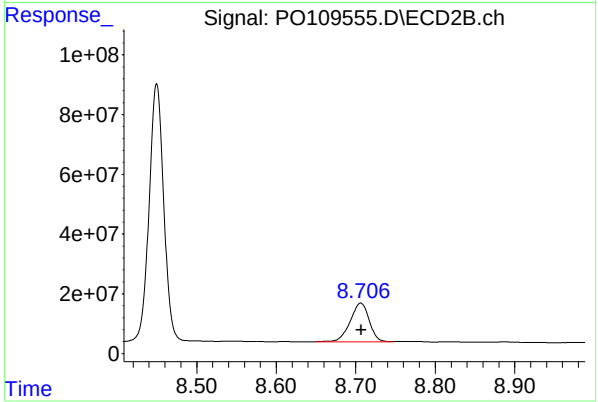
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 109061929
Conc: 20.84 ng/ml



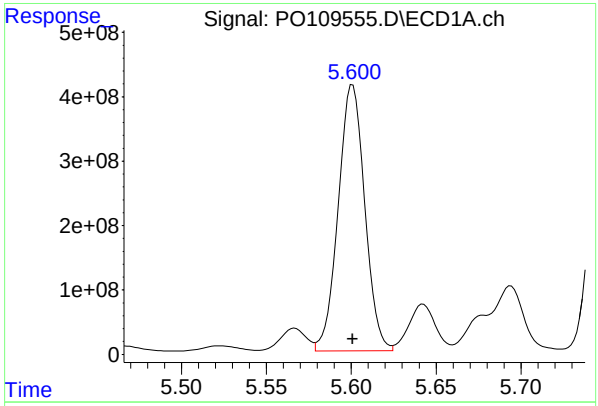
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 532785695
Conc: 61.94 ng/ml



#2 Decachlorobiphenyl

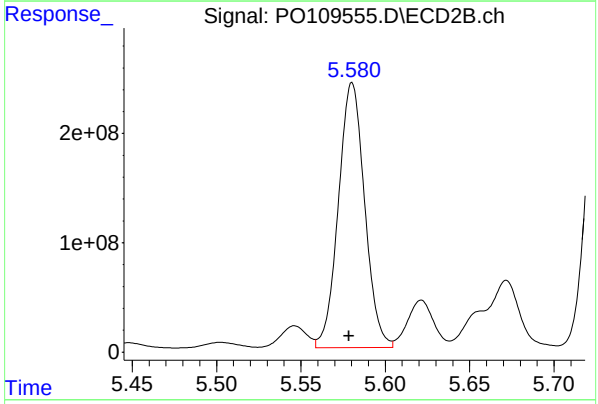
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 216152184
Conc: 67.88 ng/ml



#26 AR-1254-1

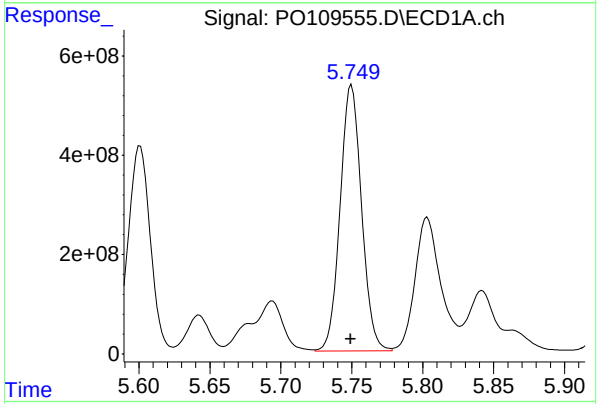
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 4496185450
Conc: 8720.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2A



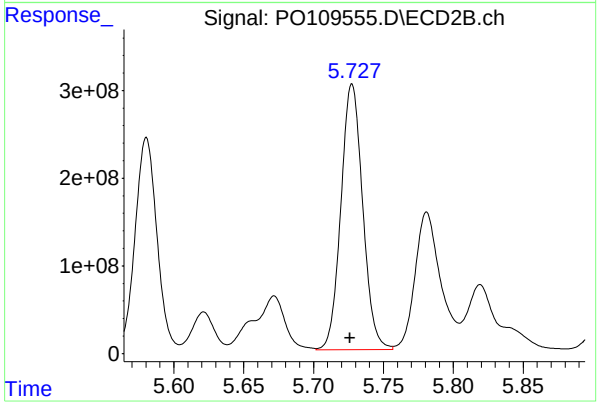
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.002 min
Response: 2628670638
Conc: 10050.80 ng/ml



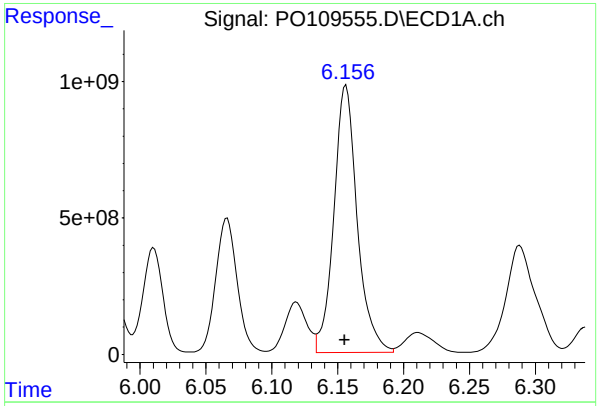
#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 5628213080
Conc: 12496.74 ng/ml



#27 AR-1254-2

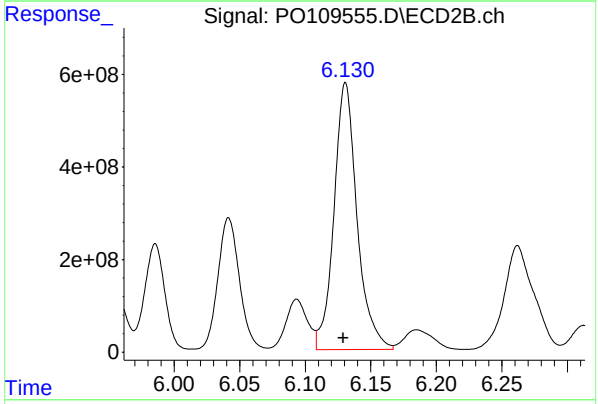
R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 3291010012
Conc: 14030.48 ng/ml



#28 AR-1254-3

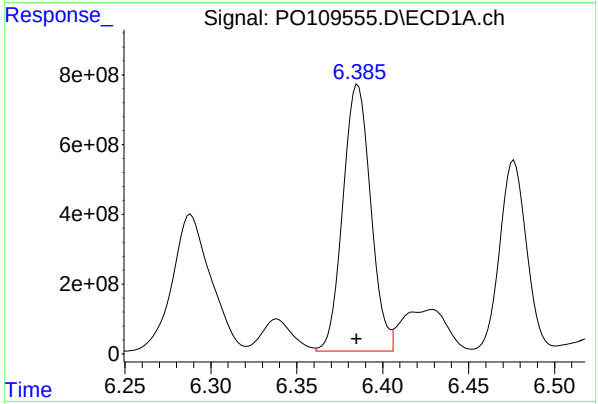
R.T.: 6.156 min
Delta R.T.: 0.001 mi
Response: 12085030924
Conc: 16879.59 ng/

Instrument :
ECD_O
ClientSampleId :
K084-2A



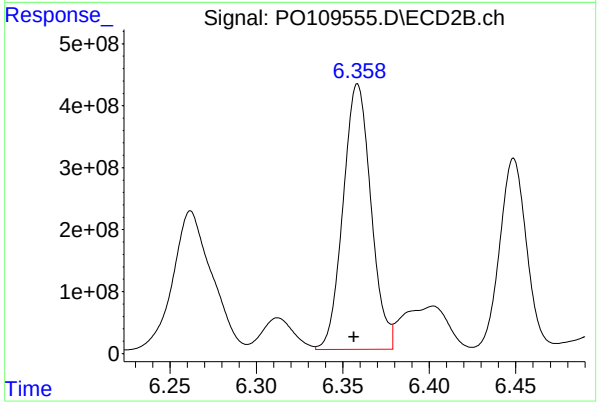
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 7074037210
Conc: 19831.64 ng/ml



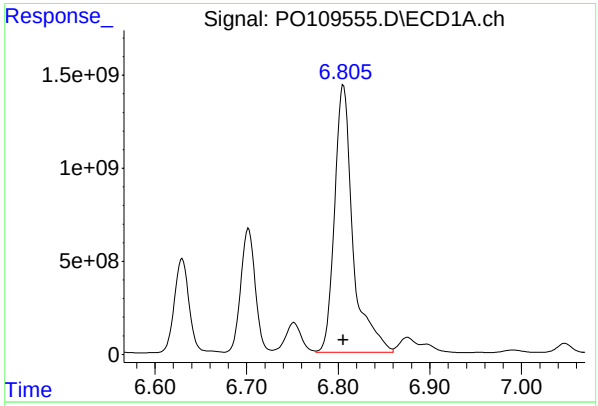
#29 AR-1254-4

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 8587146941
Conc: 20504.59 ng/ml



#29 AR-1254-4

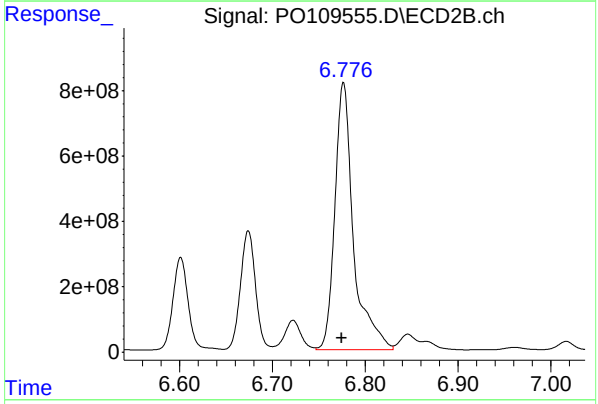
R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 4814711040
Conc: 24930.75 ng/ml



#30 AR-1254-5

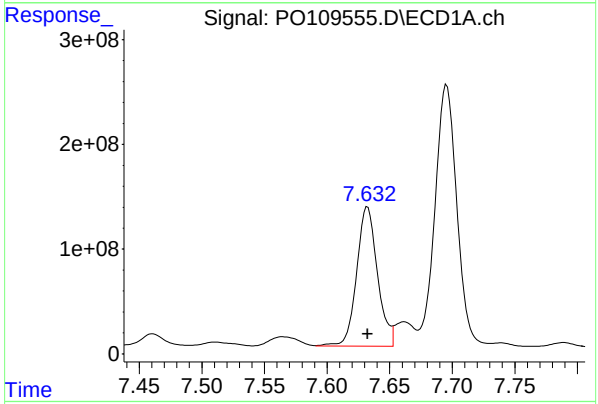
R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 16476141958
Conc: 26408.18 ng/

Instrument :
ECD_O
ClientSampleId :
K084-2A



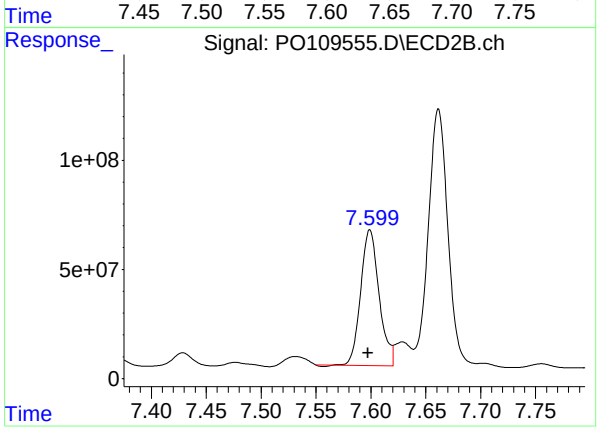
#30 AR-1254-5

R.T.: 6.777 min
Delta R.T.: 0.002 min
Response: 11398024229
Conc: 38411.82 ng/ml



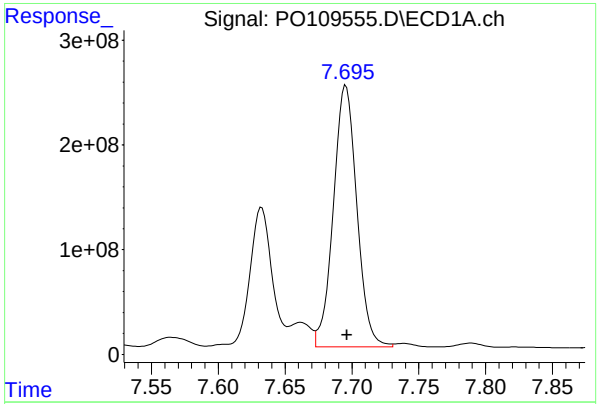
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 1536367169
Conc: 1160.21 ng/ml



#41 AR-1268-1

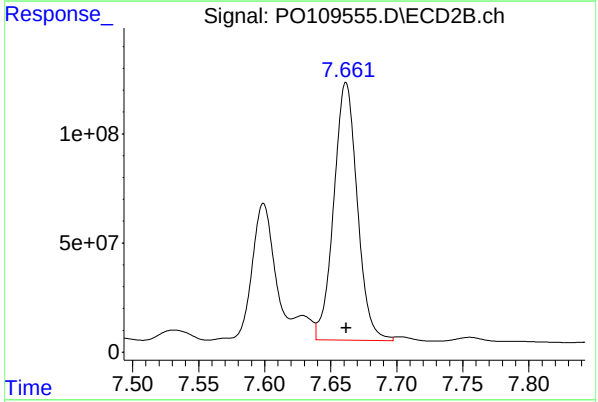
R.T.: 7.599 min
Delta R.T.: 0.002 min
Response: 724226765
Conc: 1267.43 ng/ml



#42 AR-1268-2

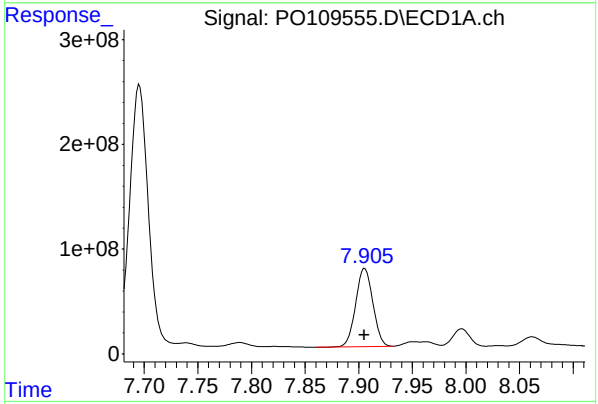
R.T.: 7.696 min
Delta R.T.: 0.000 mi
Response: 3043505208
Conc: 2517.15 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2A



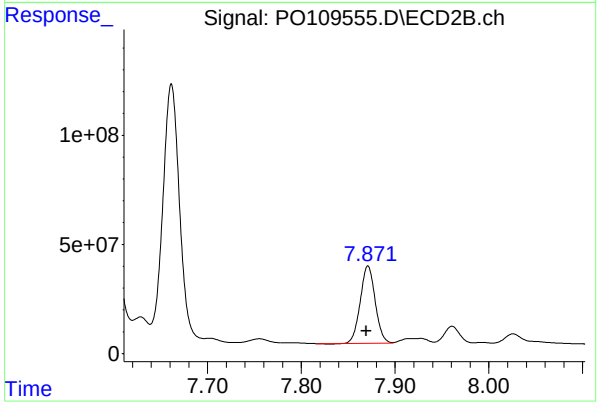
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 1462726049
Conc: 2786.44 ng/ml



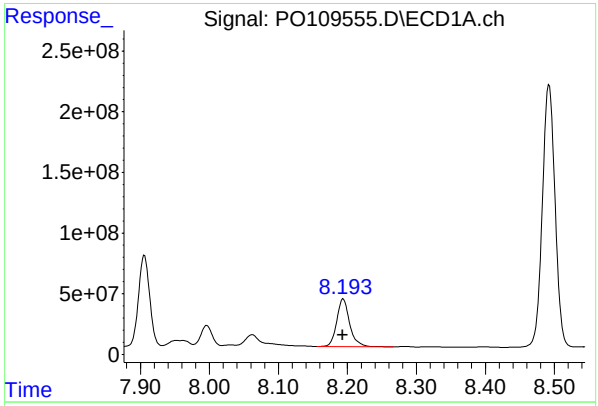
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 832570866
Conc: 817.71 ng/ml



#43 AR-1268-3

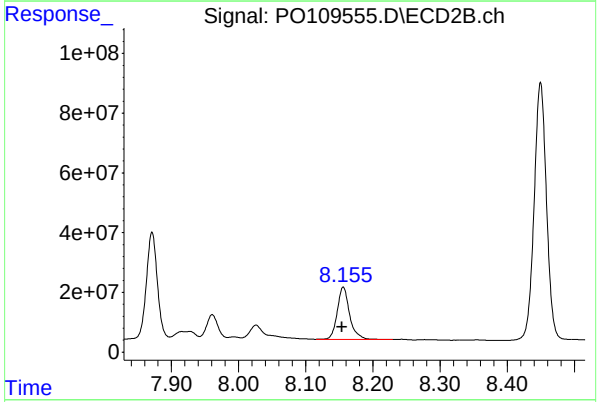
R.T.: 7.871 min
Delta R.T.: 0.002 min
Response: 390747774
Conc: 912.87 ng/ml



#44 AR-1268-4

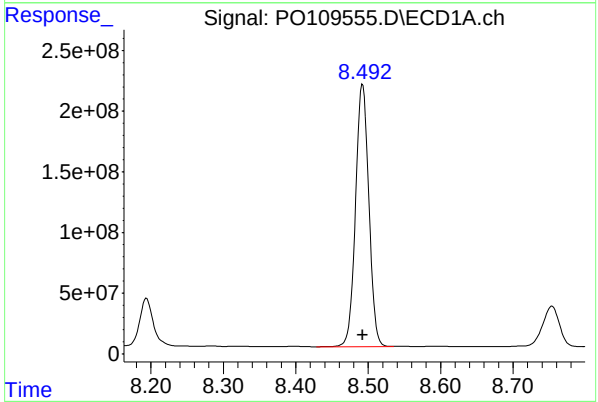
R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 511484006
Conc: 1203.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2A



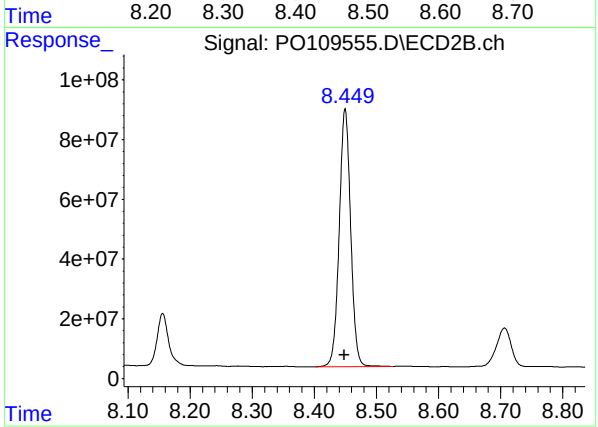
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 223368706
Conc: 1384.50 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 2766228338
Conc: 916.08 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.001 min
Response: 1103664683
Conc: 1009.62 ng/ml

Raw Data: **PO109591.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:	K084-2ADL	SDG No.:	Q1433
Lab Sample ID:	Q1433-04DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.9 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
PO109591.D	3	02/27/25 09:15	02/28/25 15:04	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	10.6	UD	10.6	53.1	ug/kg
11104-28-2	Aroclor-1221	20.0	UD	20.0	53.1	ug/kg
11141-16-5	Aroclor-1232	10.6	UD	10.6	53.1	ug/kg
53469-21-9	Aroclor-1242	10.6	UD	10.6	53.1	ug/kg
12672-29-6	Aroclor-1248	24.6	UD	24.6	53.1	ug/kg
11097-69-1	Aroclor-1254	8400	ED	8.50	53.1	ug/kg
37324-23-5	Aroclor-1262	14.3	UD	14.3	53.1	ug/kg
11100-14-4	Aroclor-1268	588	D	10.7	53.1	ug/kg
11096-82-5	Aroclor-1260	9.10	UD	9.10	53.1	ug/kg
Total PCBs	Total PCBs	9000	D	19.2	53.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.2		32 - 144	126%	SPK: 20
2051-24-3	Decachlorobiphenyl	79.2	*	32 - 175	396%	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: **PO109591.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 15:04
Operator : YP/AJ
Sample : Q1433-04DL 3X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-2ADL

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:24:23 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	73398483	43958033	7.755	8.398m
2)	SA Decachlor...	8.752	8.704	204.6E6	84052350	23.788	26.396
	Target Compounds						
26)	L6 AR-1254-1	5.599	5.579	1806.6E6	993.3E6	3503.904	3797.804
27)	L6 AR-1254-2	5.748	5.727	2266.1E6	1253.9E6	5031.541	5345.540
28)	L6 AR-1254-3	6.154	6.130	4801.8E6	2671.5E6	6706.830	7489.421
29)	L6 AR-1254-4	6.384	6.357	3344.5E6	1792.3E6	7986.189	9280.664
30)	L6 AR-1254-5	6.804	6.774	8016.0E6	4271.2E6	12848.084	14394.240
41)	L9 AR-1268-1	7.630	7.598	583.4E6	281.8E6	440.525	493.165
42)	L9 AR-1268-2	7.694	7.660	1148.4E6	553.8E6	949.807	1054.943
43)	L9 AR-1268-3	7.905	7.870	323.9E6	149.0E6	318.083	348.187
44)	L9 AR-1268-4	8.192	8.154	200.2E6	89249958	471.113	553.196
45)	L9 AR-1268-5	8.490	8.448	1010.7E6	408.6E6	334.714	373.815

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

Sample Results: **PO109591.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 15:04
Operator : YP/AJ
Sample : Q1433-04DL 3X
Misc :
ALS Vial : 17 Sample Multiplier: 1

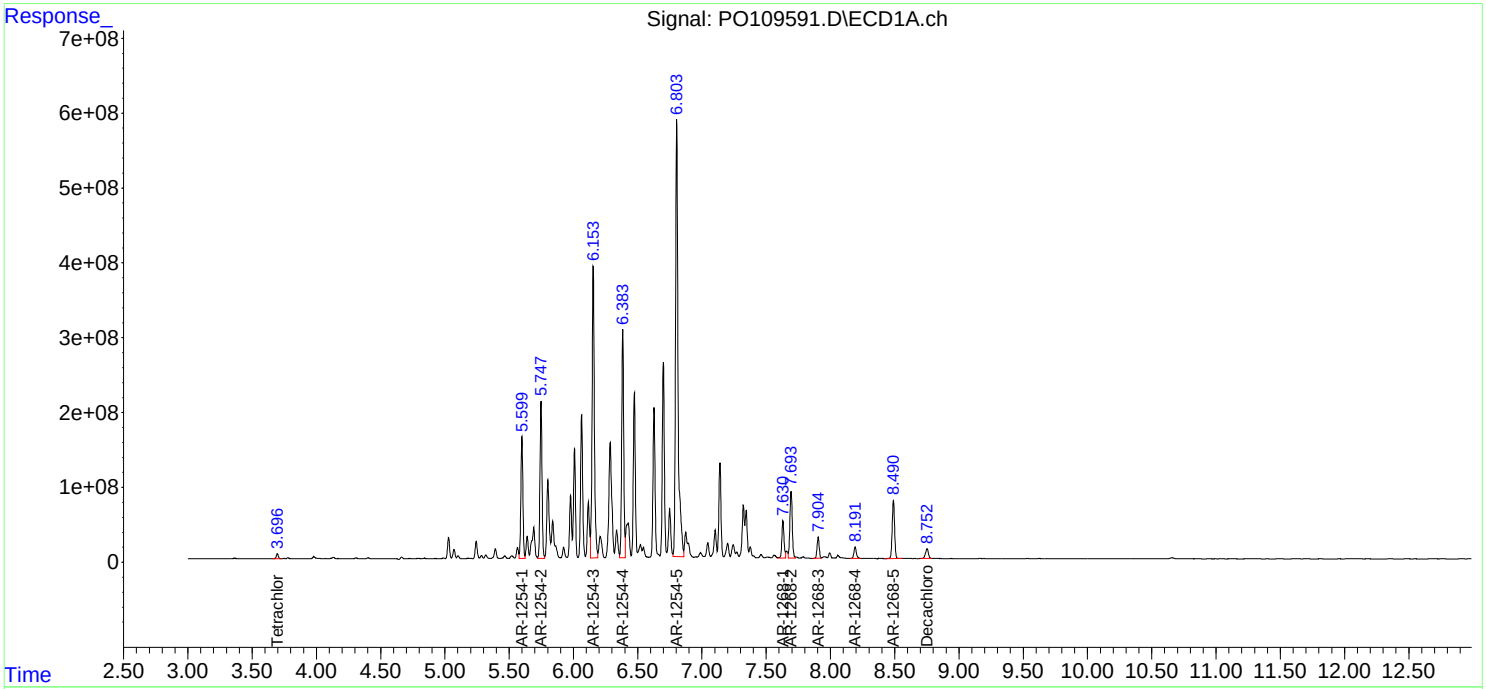
Instrument :
ECD_O
ClientSampleId :
K084-2ADL

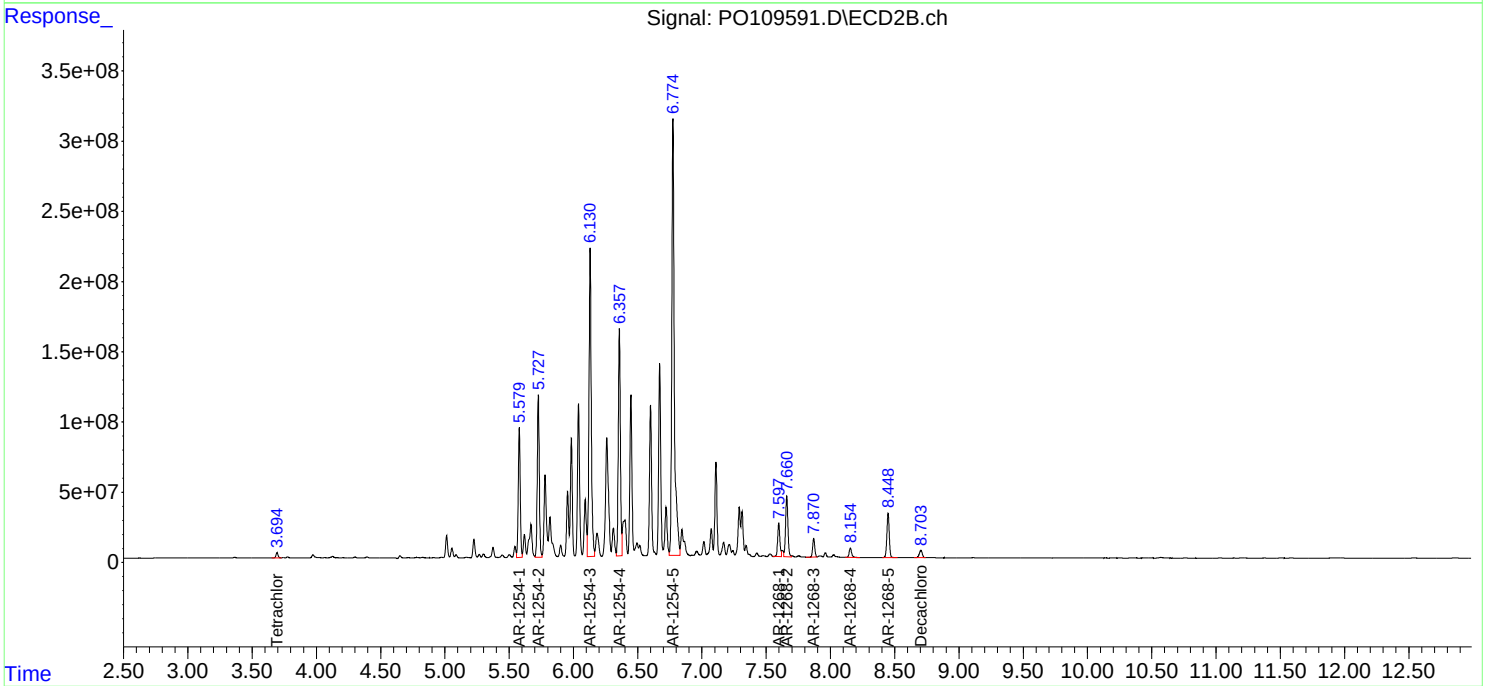
Manual Integrations APPROVED

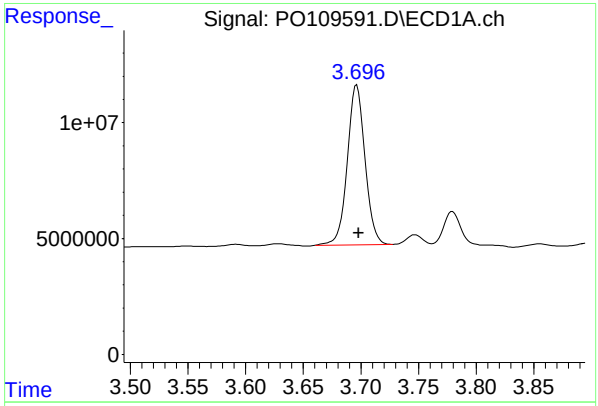
Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:24:23 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







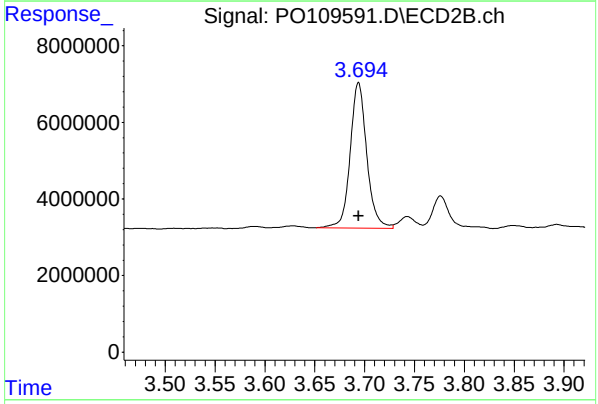
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 73398483
Conc: 7.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2ADL

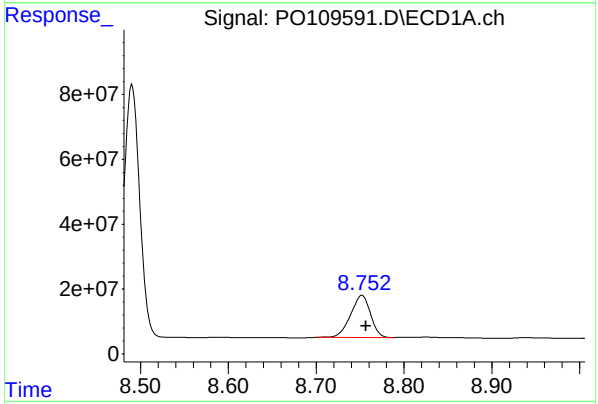
Manual Integrations APPROVED

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



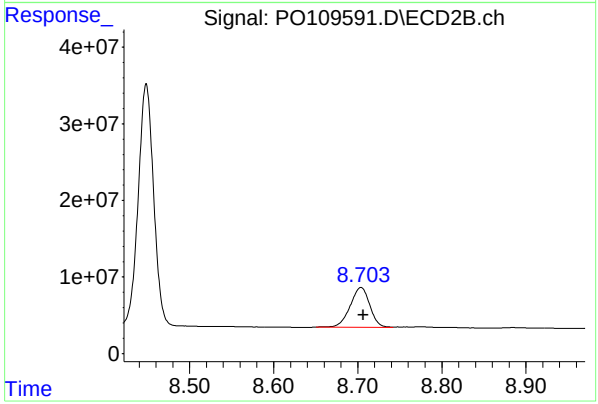
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 43958033
Conc: 8.40 ng/ml m



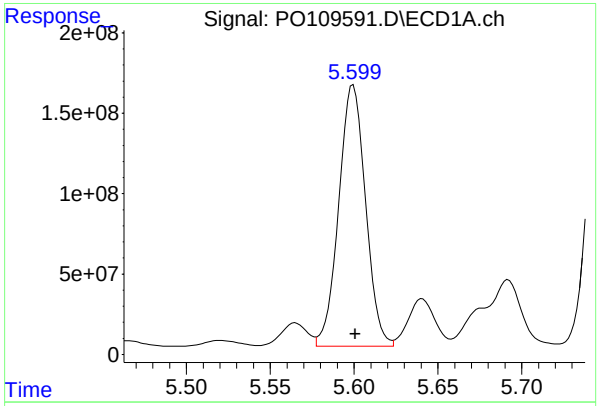
#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 204620236
Conc: 23.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 84052350
Conc: 26.40 ng/ml



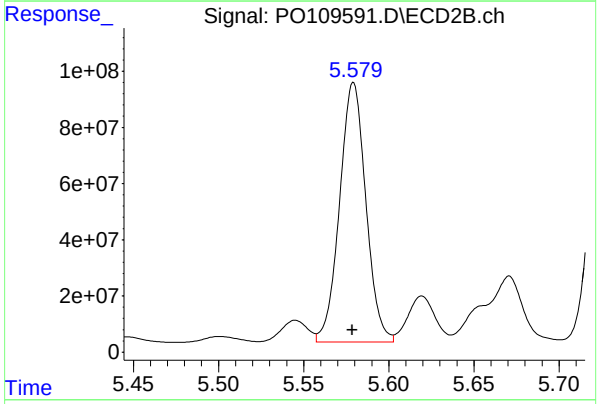
#26 AR-1254-1

R.T.: 5.599 min
Delta R.T.: -0.001 mi
Response: 1806636289
Conc: 3503.90 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2ADL

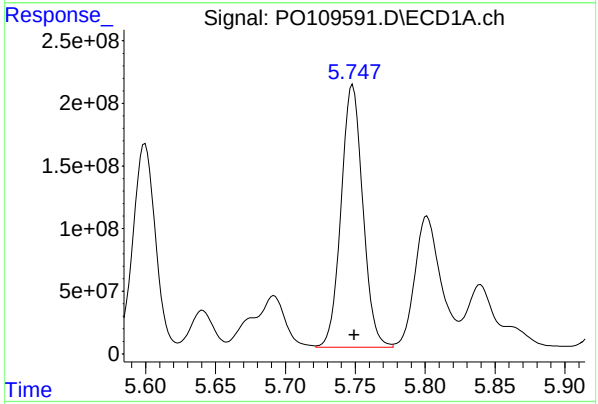
Manual Integrations APPROVED

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



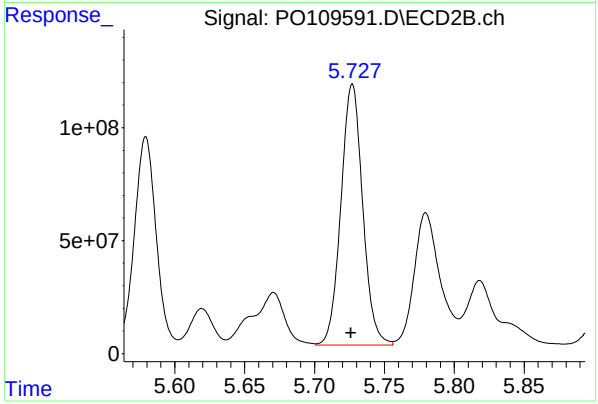
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 993271234
Conc: 3797.80 ng/ml



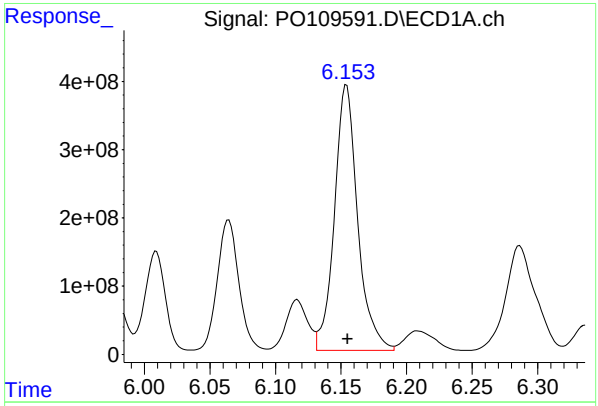
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: -0.001 min
Response: 2266077892
Conc: 5031.54 ng/ml



#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 1253857654
Conc: 5345.54 ng/ml



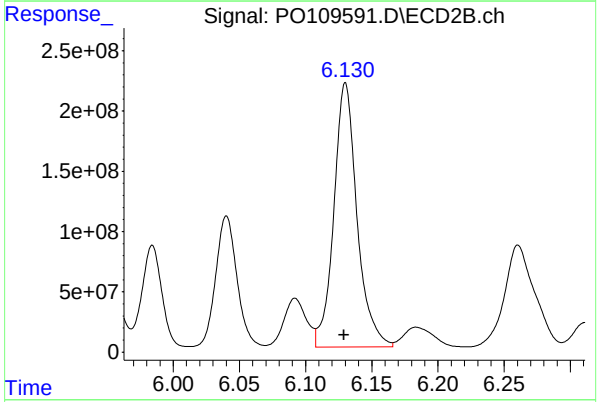
#28 AR-1254-3

R.T.: 6.154 min
Delta R.T.: -0.001 mi
Response: 4801791349
Conc: 6706.83 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2ADL

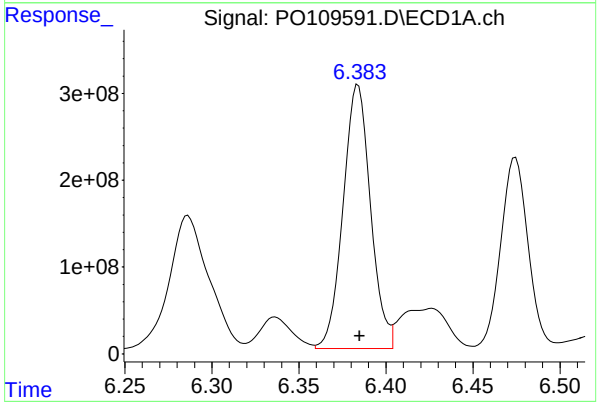
Manual Integrations
APPROVED

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



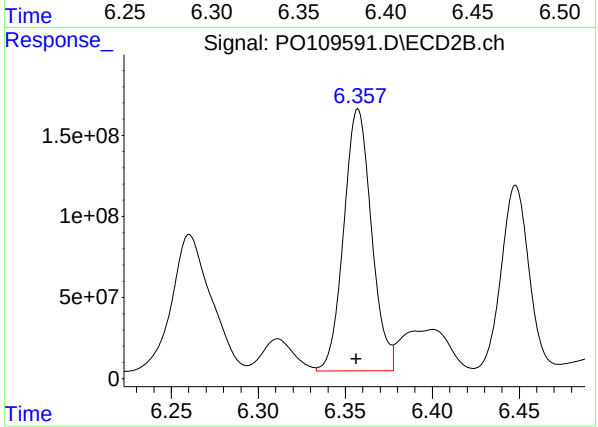
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 2671510597
Conc: 7489.42 ng/ml



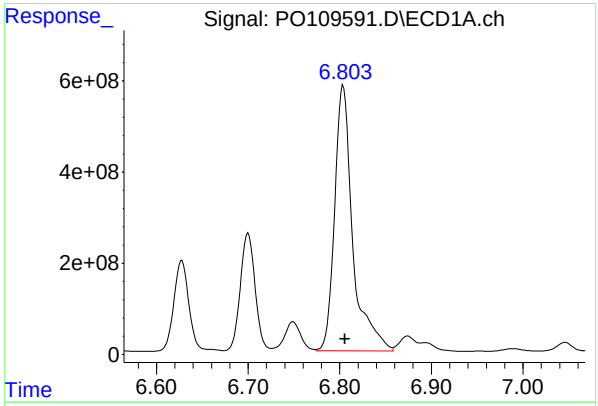
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 3344548274
Conc: 7986.19 ng/ml



#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 1792313348
Conc: 9280.66 ng/ml



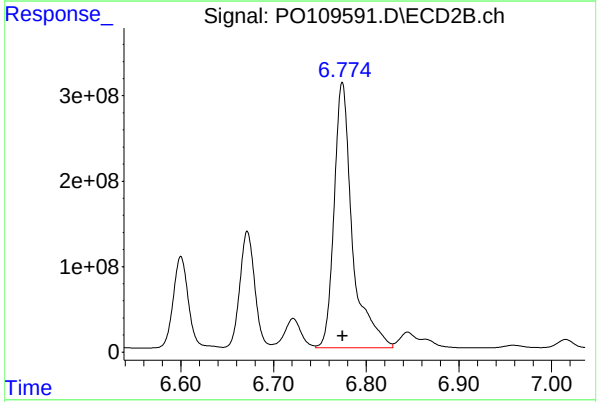
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.002 mi
Response: 8015957473
Conc: 12848.08 ng/

Instrument :
ECD_O
ClientSampleId :
K084-2ADL

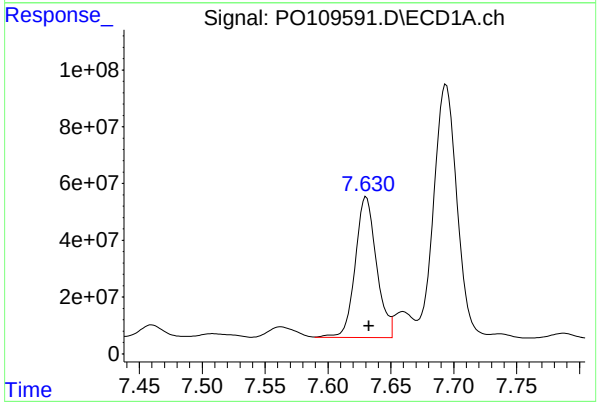
Manual Integrations APPROVED

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



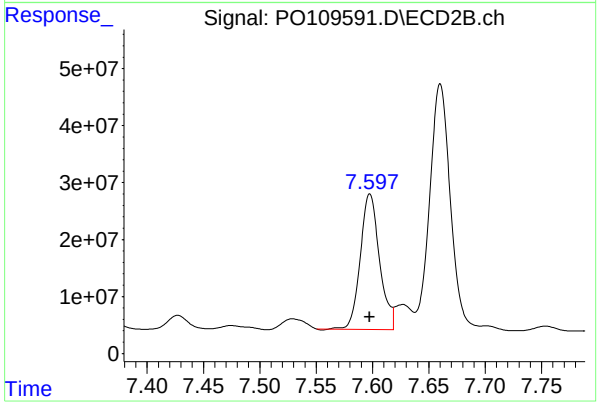
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 4271235174
Conc: 14394.24 ng/ml



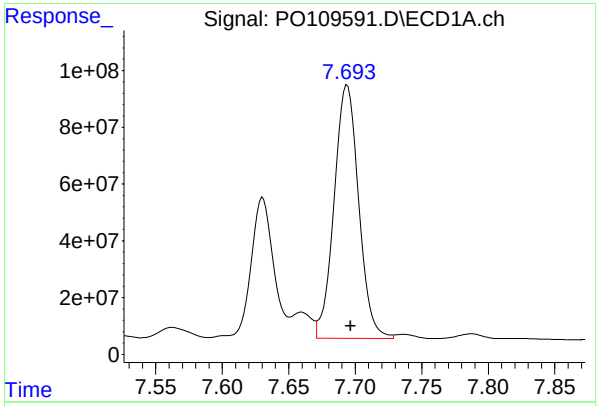
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 583351520
Conc: 440.53 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 281800420
Conc: 493.16 ng/ml



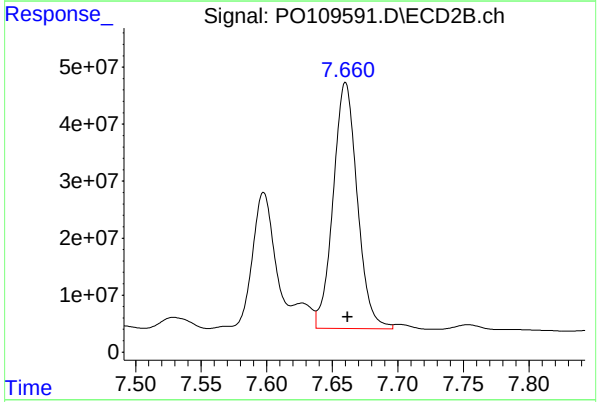
#42 AR-1268-2

R.T.: 7.694 min
Delta R.T.: -0.003 min
Response: 1148417969
Conc: 949.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2ADL

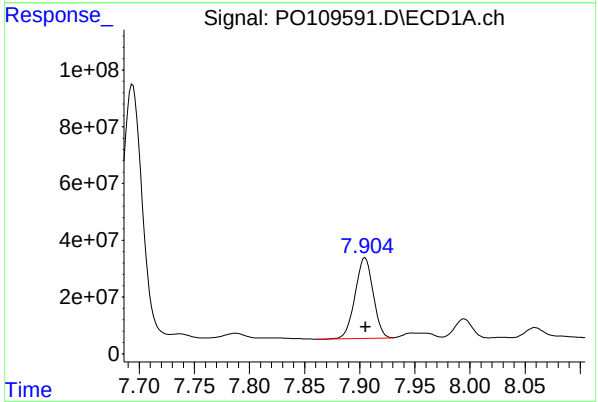
Manual Integrations APPROVED

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



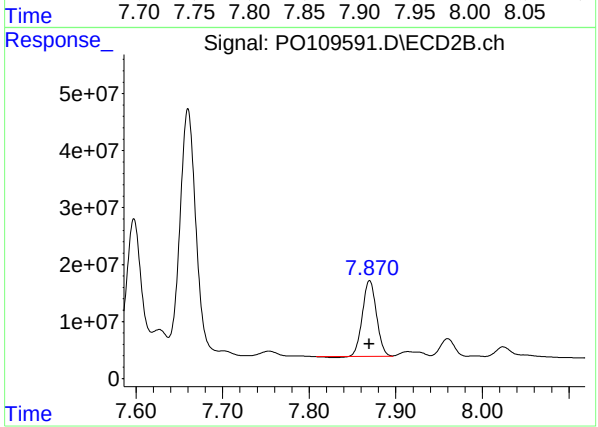
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 553785637
Conc: 1054.94 ng/ml



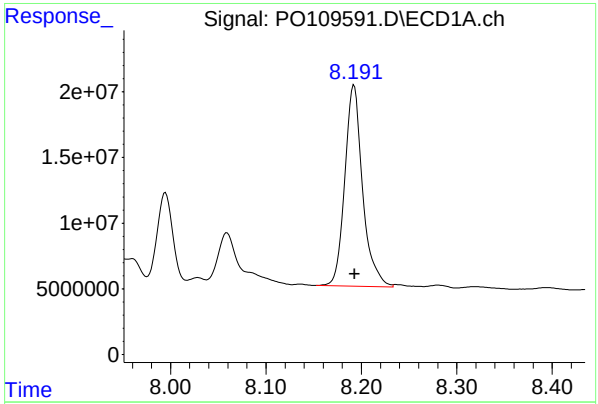
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 323865166
Conc: 318.08 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 149039415
Conc: 348.19 ng/ml



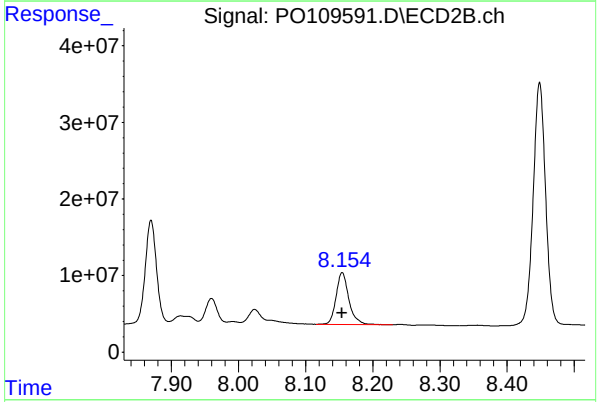
#44 AR-1268-4

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 200156408
Conc: 471.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2ADL

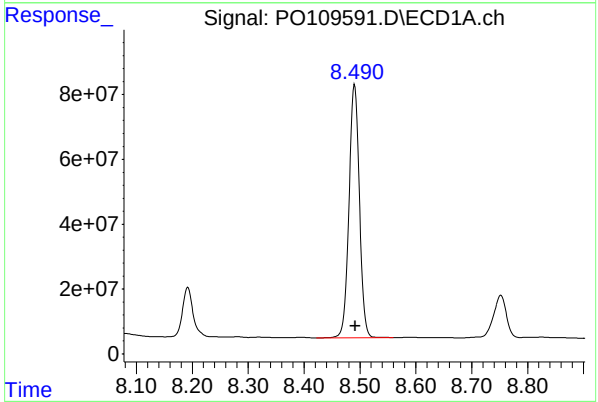
Manual Integrations APPROVED

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



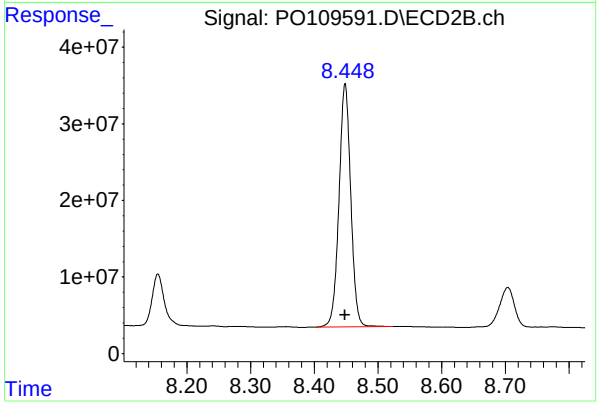
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 89249958
Conc: 553.20 ng/ml



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 1010720676
Conc: 334.71 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 408633445
Conc: 373.81 ng/ml

Raw Data: **PO109592.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:	K084-2ADL2	SDG No.:	Q1433
Lab Sample ID:	Q1433-04DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.9 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
PO109592.D	30	02/27/25 09:15	02/28/25 15:23	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	106	UD	106	531	ug/kg
11104-28-2	Aroclor-1221	200	UD	200	531	ug/kg
11141-16-5	Aroclor-1232	106	UD	106	531	ug/kg
53469-21-9	Aroclor-1242	106	UD	106	531	ug/kg
12672-29-6	Aroclor-1248	246	UD	246	531	ug/kg
11097-69-1	Aroclor-1254	8900	D	85.3	531	ug/kg
37324-23-5	Aroclor-1262	143	UD	143	531	ug/kg
11100-14-4	Aroclor-1268	712	D	107	531	ug/kg
11096-82-5	Aroclor-1260	90.9	UD	90.9	531	ug/kg
Total PCBs	Total PCBs	9600	D	192	531	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 : PO109592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 15:23
Operator : YP/AJ
Sample : Q1433-04DL2 30X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-2ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:24:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.579	207.6E6	112.9E6	402.594	431.679
27)	L6 AR-1254-2	5.748	5.727	259.9E6	141.9E6	577.071	605.086
28)	L6 AR-1254-3	6.155	6.130	526.0E6	285.5E6	734.654	800.248
29)	L6 AR-1254-4	6.384	6.357	356.8E6	188.2E6	851.951	974.699
30)	L6 AR-1254-5	6.804	6.775	811.9E6	433.6E6	1301.398	1461.113
41)	L9 AR-1268-1	7.632	7.598	74683736	34128024	56.398	59.726
42)	L9 AR-1268-2	7.694	7.660	139.7E6	64364016	115.574	122.611
43)	L9 AR-1268-3	7.905	7.870	37642279	18649864	36.970	43.570
44)	L9 AR-1268-4	8.193	8.155	24326787	11278118	57.259	69.905
45)	L9 AR-1268-5	8.491	8.448	111.5E6	50436438	36.923	46.139

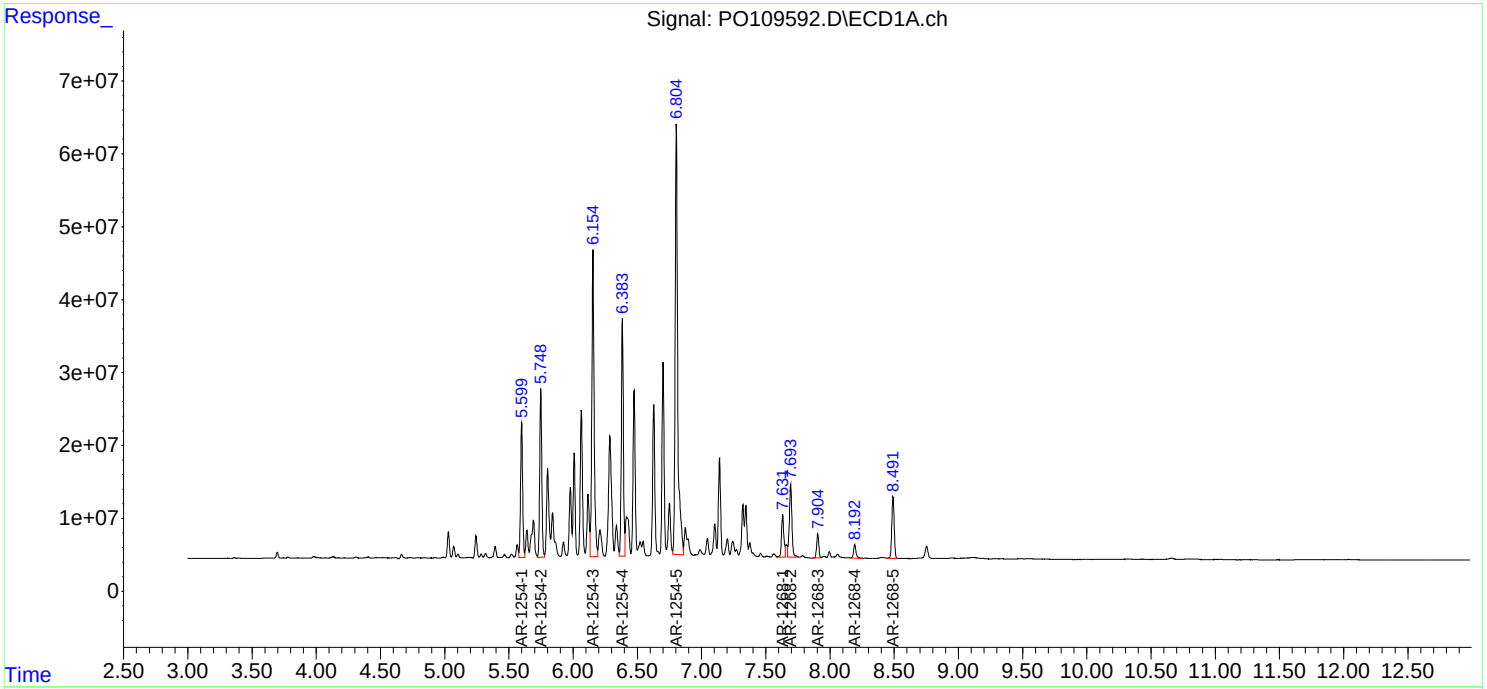
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

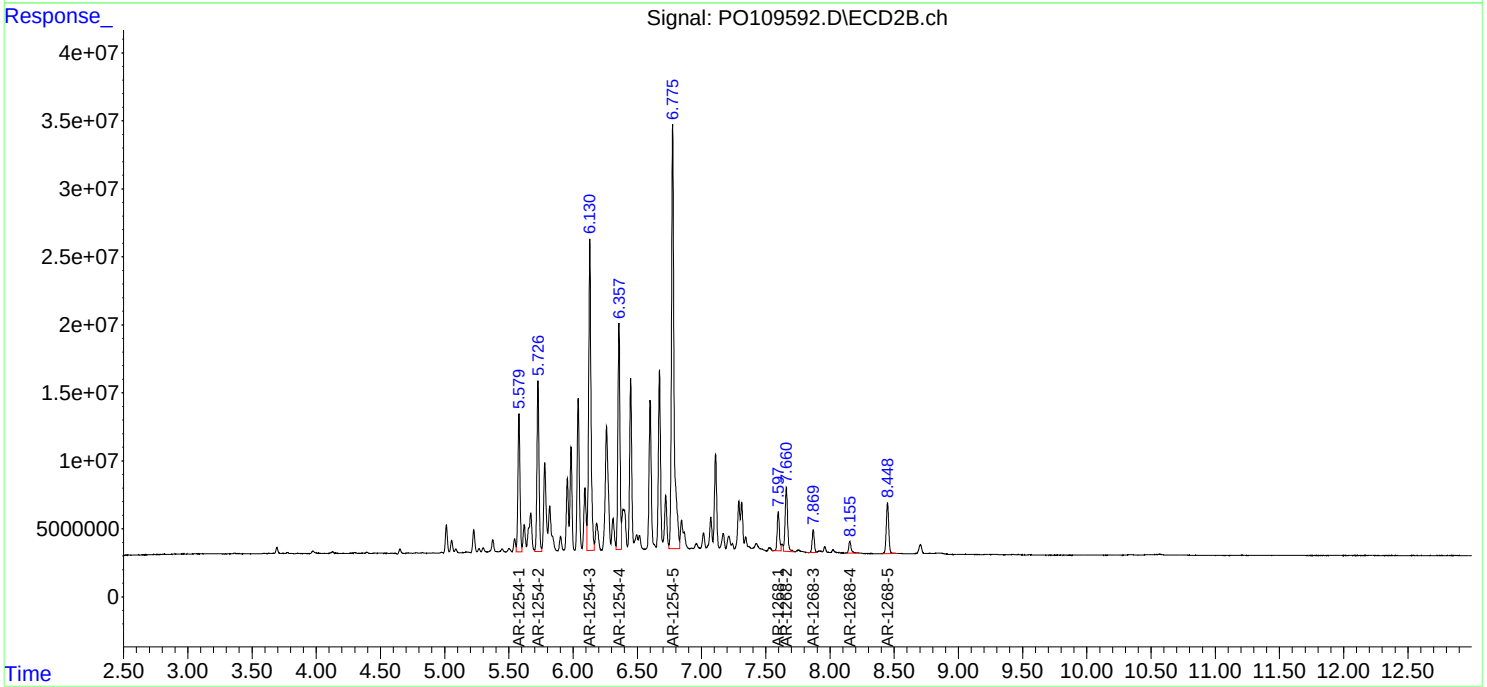
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 15:23
Operator : YP/AJ
Sample : Q1433-04DL2 30X
Misc :
ALS Vial : 18 Sample Multiplier: 1

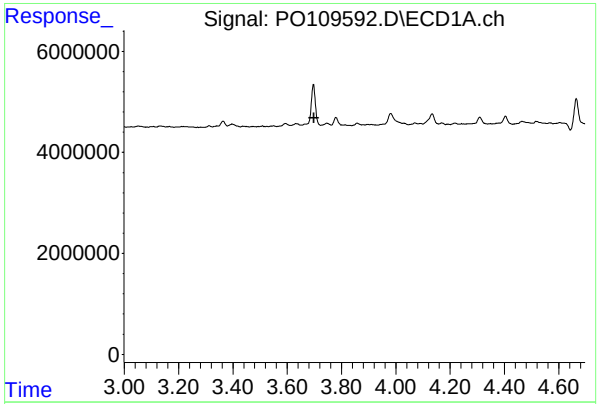
Instrument :
ECD_O
ClientSampleId :
K084-2ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:24:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



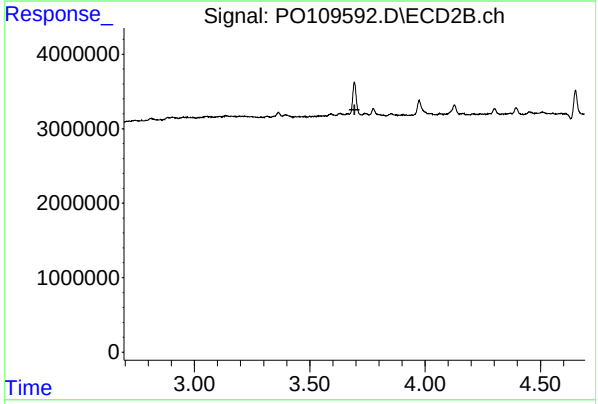




#1 Tetrachloro-m-xylene

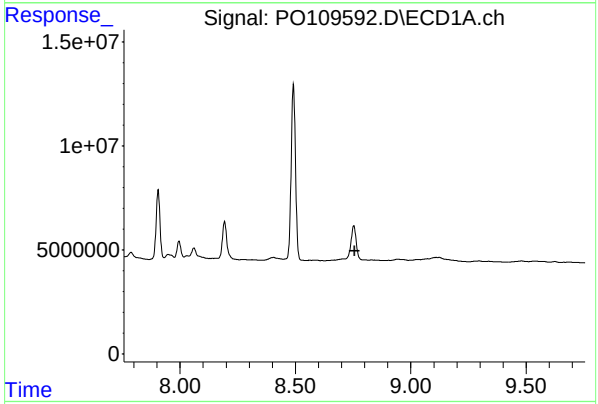
R.T.: 0.000 min
Exp R.T. : 3.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
K084-2ADL2



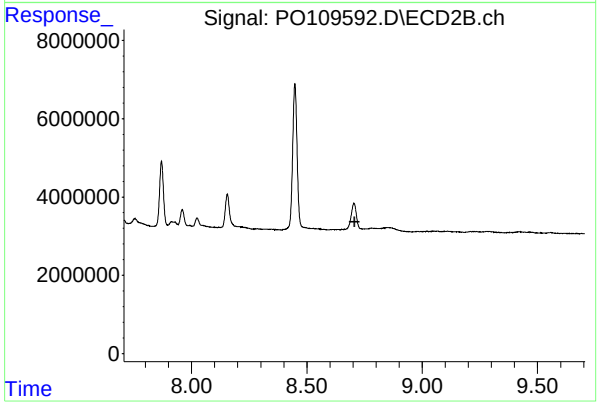
#1 Tetrachloro-m-xylene

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



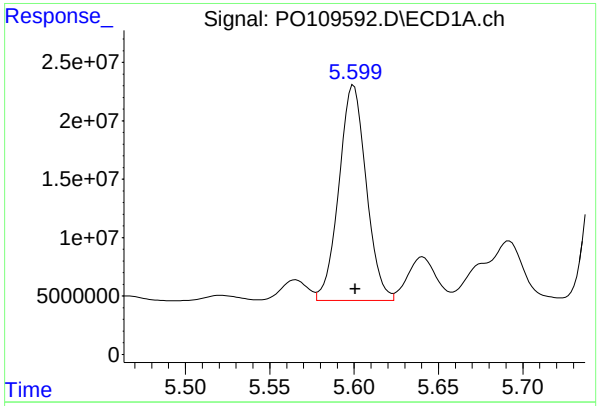
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

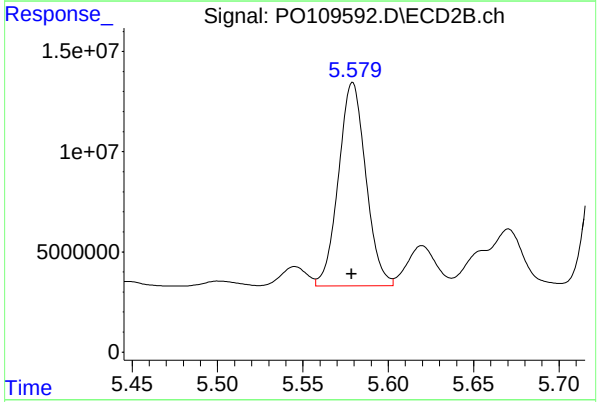
R.T.: 0.000 min
Exp R.T. : 8.707 min
Response: 0
Conc: N.D.



#26 AR-1254-1

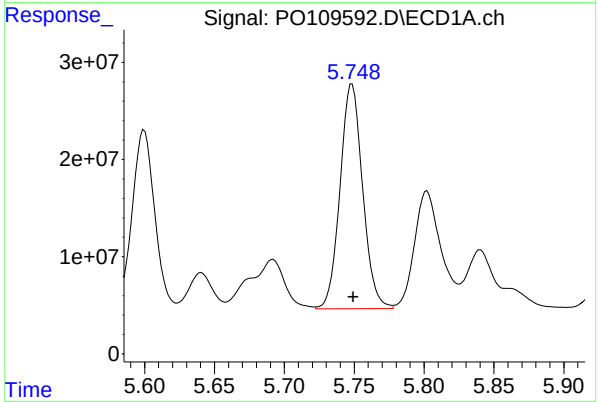
R.T.: 5.600 min
Delta R.T.: -0.001 min
Response: 207579996
Conc: 402.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2ADL2



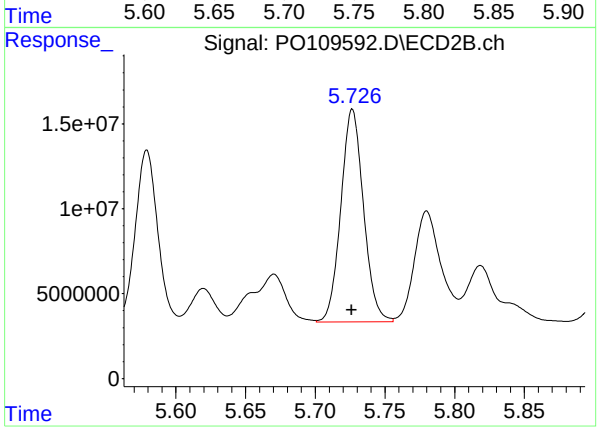
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 112900698
Conc: 431.68 ng/ml



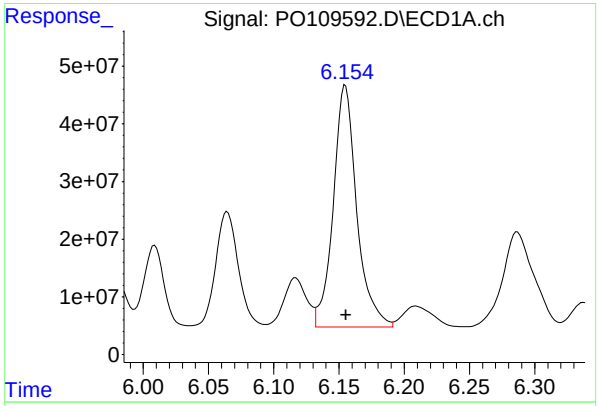
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 259898055
Conc: 577.07 ng/ml



#27 AR-1254-2

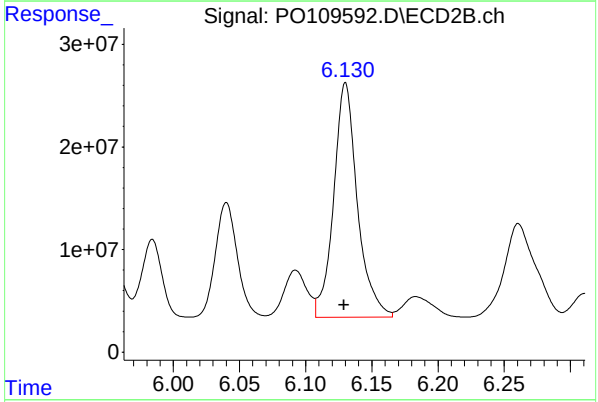
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 141929771
Conc: 605.09 ng/ml



#28 AR-1254-3

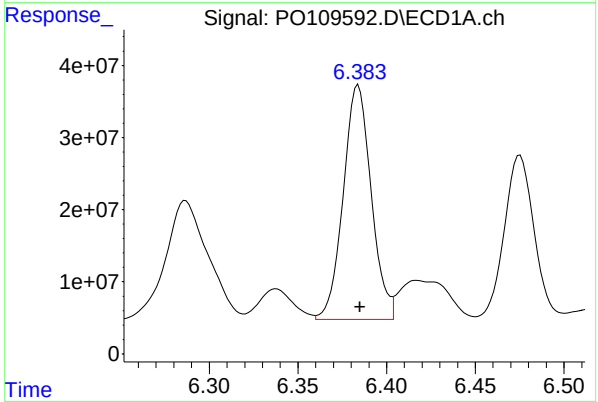
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 525979711
Conc: 734.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2ADL2



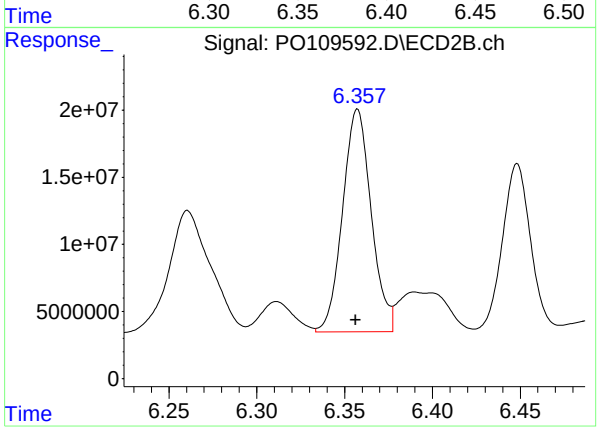
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 285452097
Conc: 800.25 ng/ml



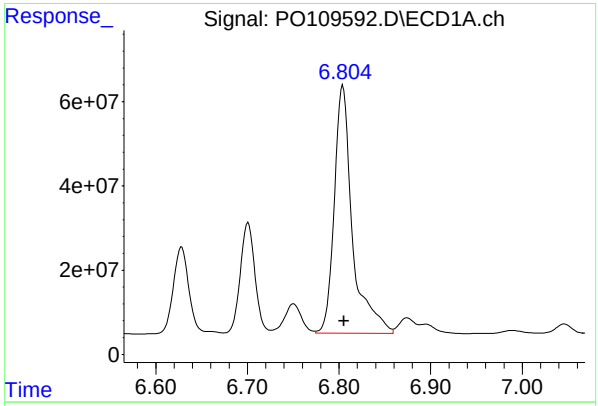
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 356789653
Conc: 851.95 ng/ml



#29 AR-1254-4

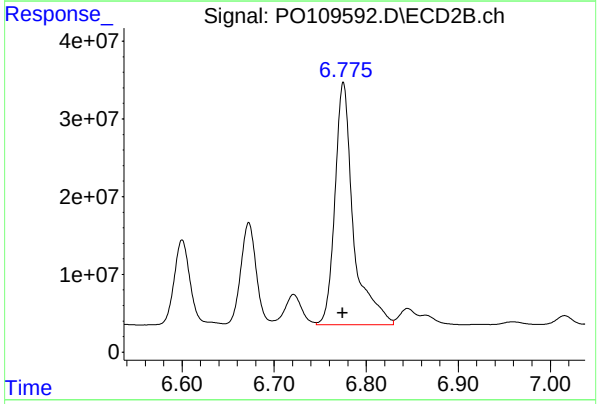
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 188237104
Conc: 974.70 ng/ml



#30 AR-1254-5

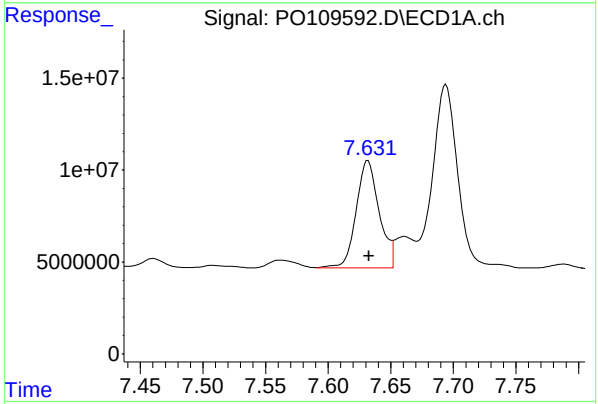
R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 811945760
Conc: 1301.40 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2ADL2



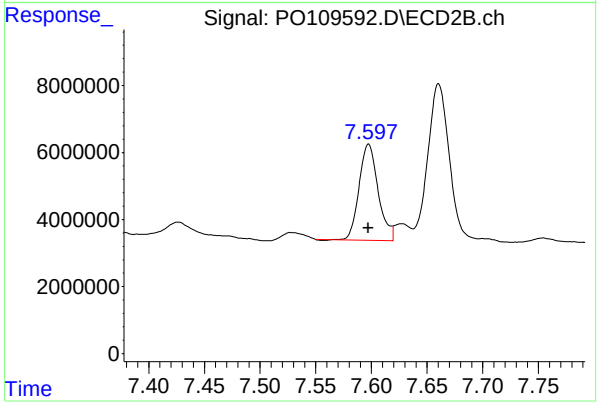
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 433559466
Conc: 1461.11 ng/ml



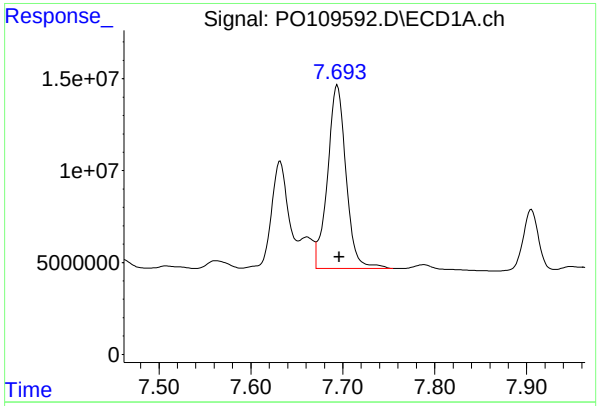
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 74683736
Conc: 56.40 ng/ml



#41 AR-1268-1

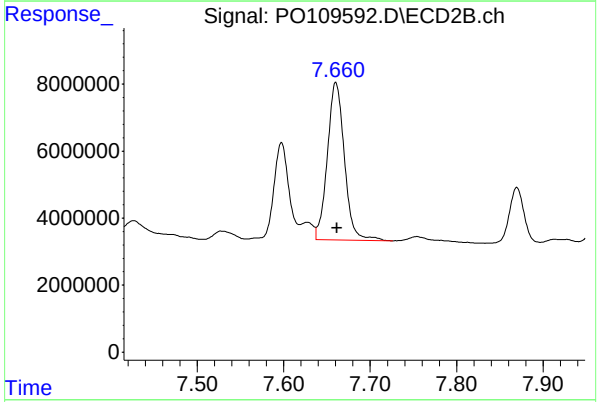
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 34128024
Conc: 59.73 ng/ml



#42 AR-1268-2

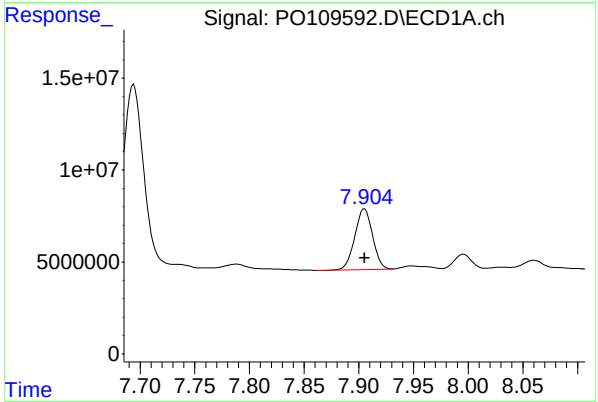
R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 139740776
Conc: 115.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2ADL2



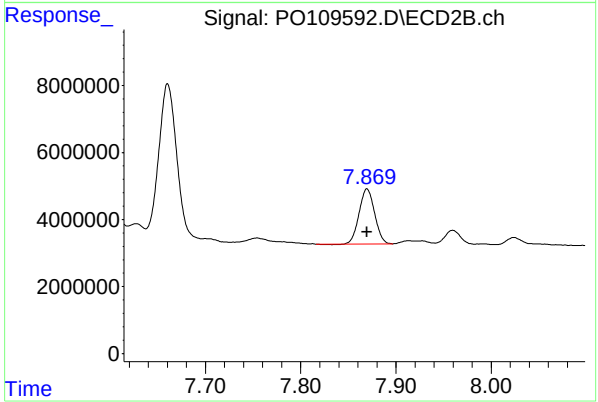
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 64364016
Conc: 122.61 ng/ml



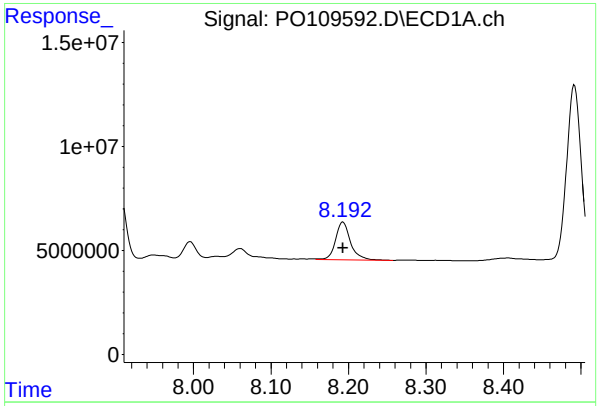
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 37642279
Conc: 36.97 ng/ml



#43 AR-1268-3

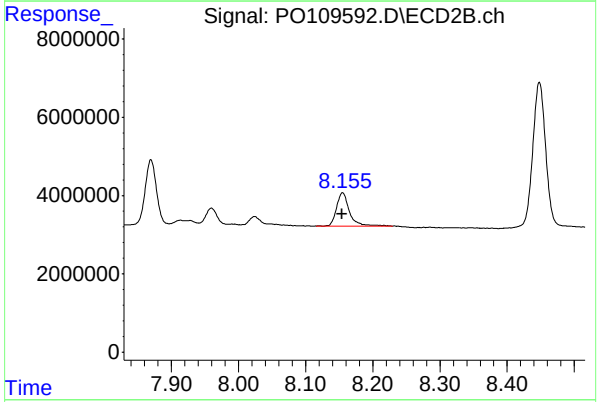
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 18649864
Conc: 43.57 ng/ml



#44 AR-1268-4

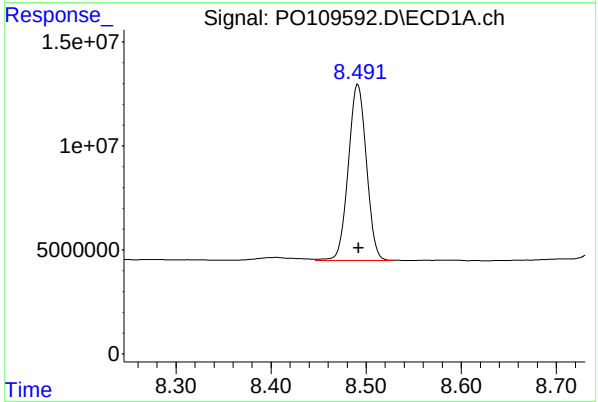
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 24326787
Conc: 57.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2ADL2



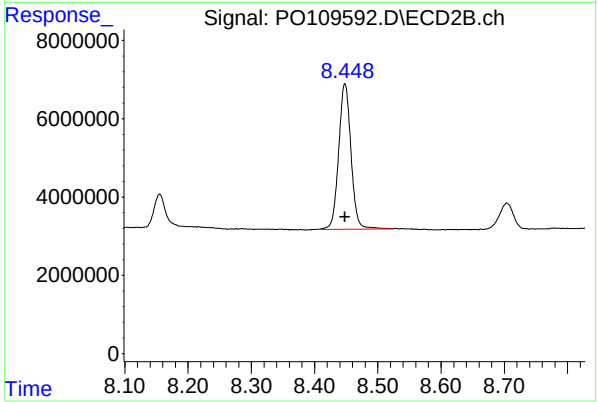
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 11278118
Conc: 69.90 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 111494109
Conc: 36.92 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 50436438
Conc: 46.14 ng/ml

Raw Data: **PO109556.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:	K084-2B	SDG No.:	Q1433
Lab Sample ID:	Q1433-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.2 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
PO109556.D	1	02/27/25 09:15	02/28/25 02:26	PB166889

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	9.40	U	9.40	20.1	ug/kg
11097-69-1	Aroclor-1254	4300	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	789	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	5000	E	7.30	20.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		32 - 144	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	192	*	32 - 175	959%	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: **PO109556.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 02:26
Operator : YP/AJ
Sample : Q1433-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-2B

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 09:24:58 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						
1)	SA Tetrachlo...	3.696	3.694	177.3E6	109.5E6	18.736m	20.918m
2)	SA Decachlor...	8.755	8.707	1564.0E6	610.6E6	181.827	191.758
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.580	1780.8E6	1025.9E6	3453.786	3922.562
27)	L6 AR-1254-2	5.750	5.728	2636.5E6	1522.8E6	5854.089	6492.055
28)	L6 AR-1254-3	6.156	6.131	5789.2E6	3365.1E6	8085.969	9433.739
29)	L6 AR-1254-4	6.385	6.359	4063.0E6	2262.9E6	9701.615	11717.491
30)	L6 AR-1254-5	6.806	6.776	11581.1E6	6594.9E6	18562.328	22225.119
41)	L9 AR-1268-1	7.634	7.599	2018.2E6	1004.2E6	1524.043	1757.335
42)	L9 AR-1268-2	7.697	7.662	2536.1E6	1201.0E6	2097.516	2287.846
43)	L9 AR-1268-3	7.906	7.871	1951.2E6	900.5E6	1916.397	2103.755
44)	L9 AR-1268-4	8.194	8.155	577.0E6	253.9E6	1358.016	1573.832
45)	L9 AR-1268-5	8.493	8.450	6201.4E6	2467.5E6	2053.689	2257.211

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 02:26
Operator : YP/AJ
Sample : Q1433-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

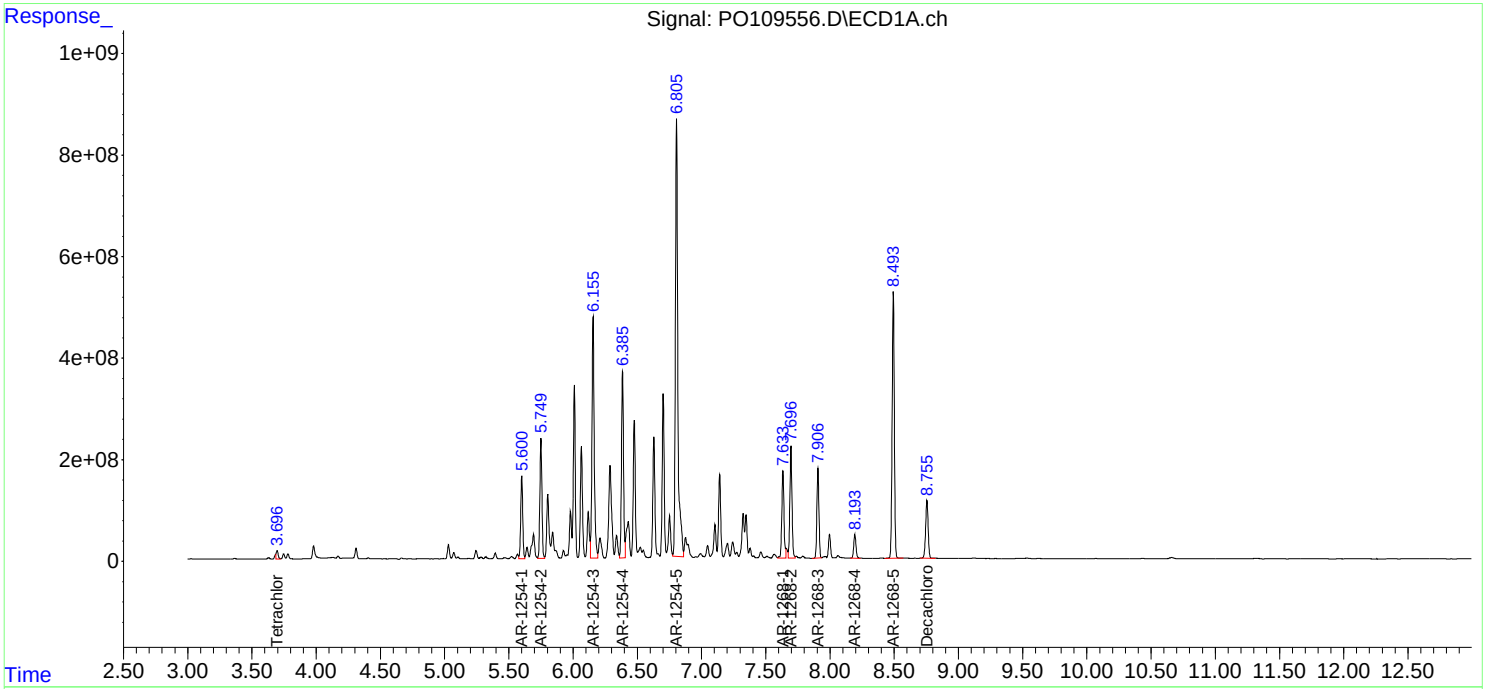
Instrument :
ECD_O
ClientSampleId :
K084-2B

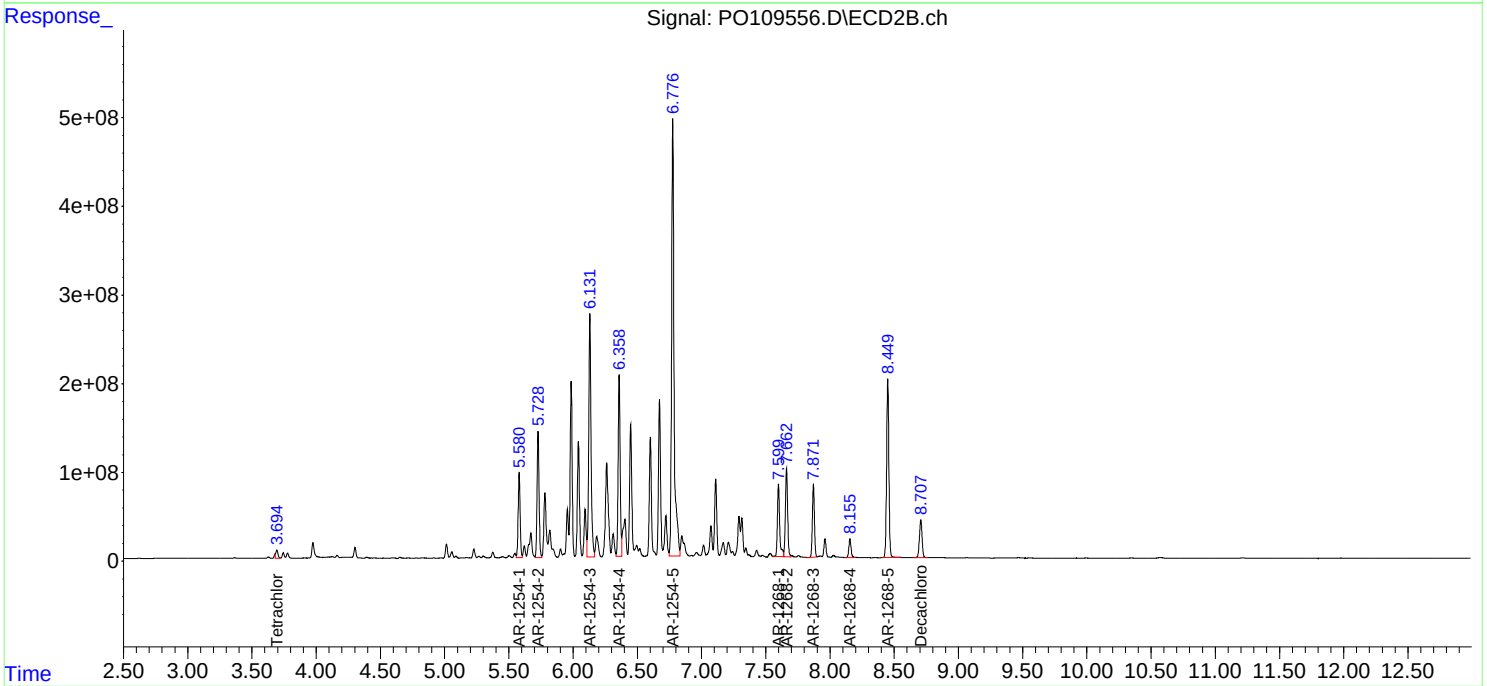
Manual Integrations APPROVED

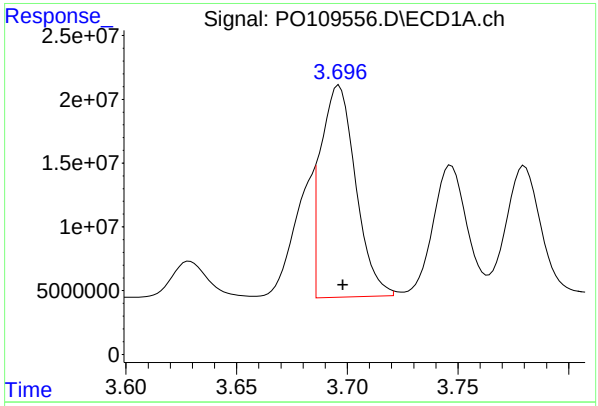
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:24:58 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







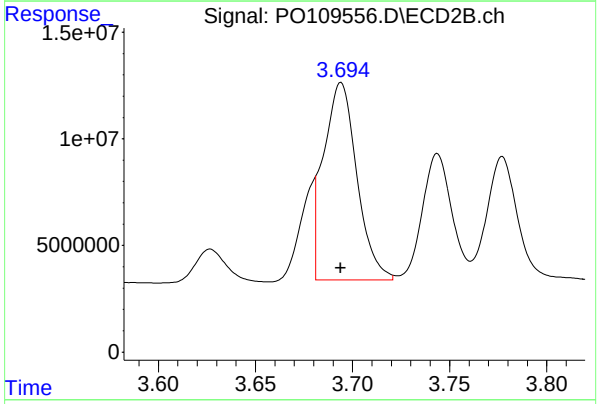
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 177340695
Conc: 18.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2B

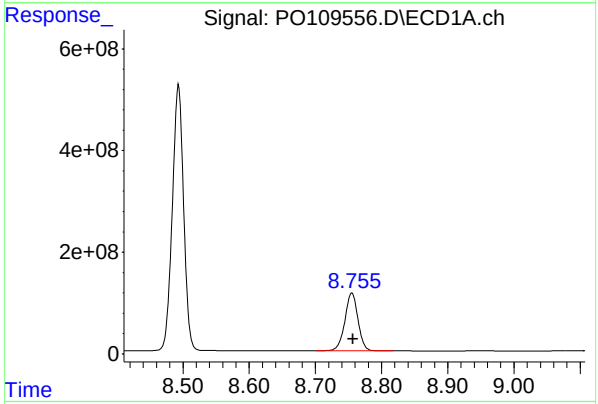
Manual Integrations
APPROVED

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



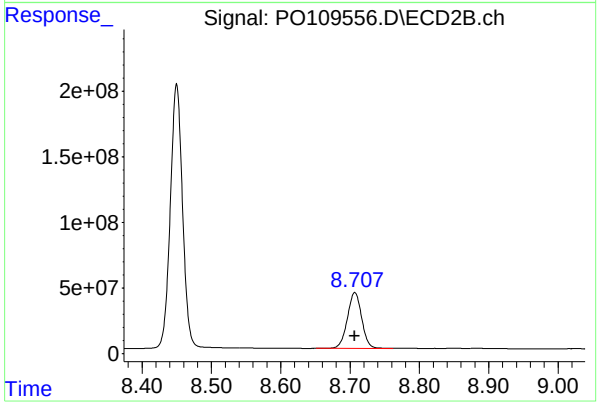
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 109487046
Conc: 20.92 ng/ml m



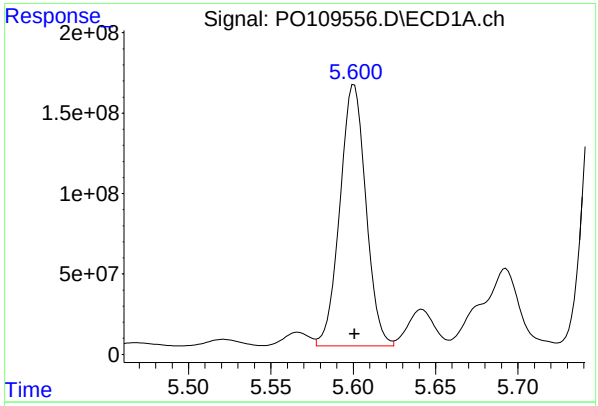
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 1564048006
Conc: 181.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 610605860
Conc: 191.76 ng/ml



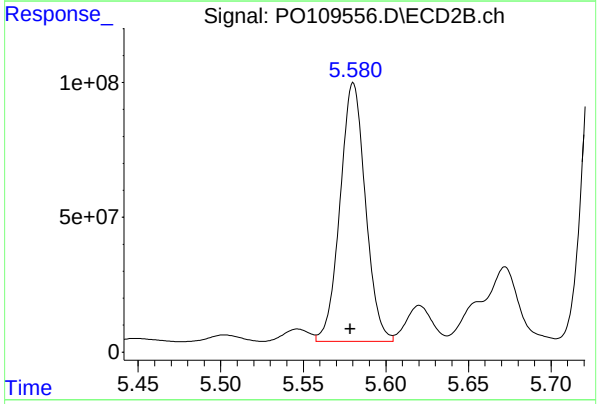
#26 AR-1254-1

R.T.: 5.601 min
Delta R.T.: 0.000 mi
Response: 1780795045
Conc: 3453.79 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2B

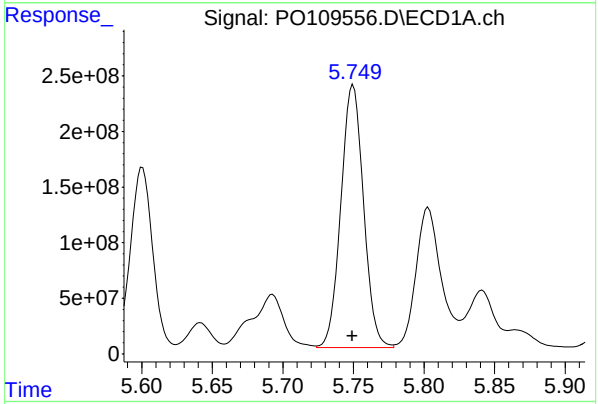
Manual Integrations
APPROVED

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



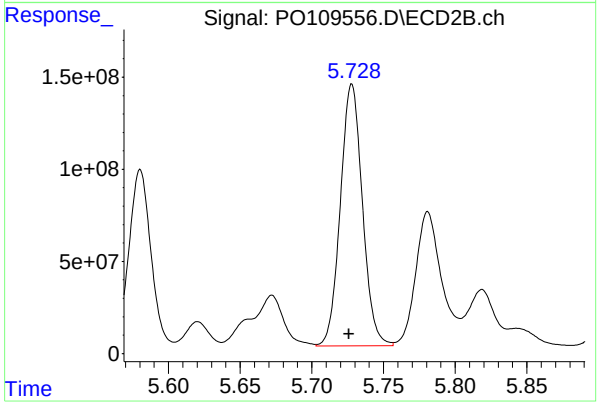
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.002 min
Response: 1025900210
Conc: 3922.56 ng/ml



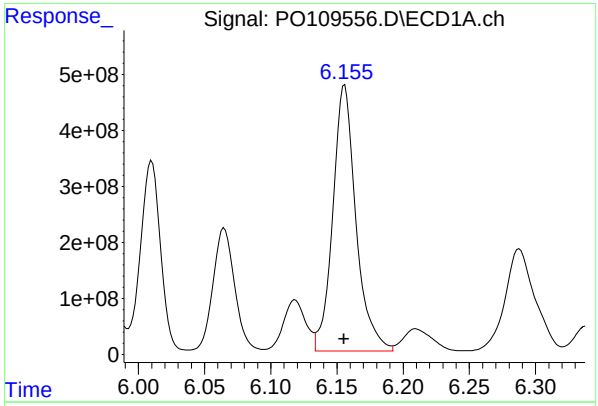
#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 2636532822
Conc: 5854.09 ng/ml



#27 AR-1254-2

R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 1522785842
Conc: 6492.06 ng/ml



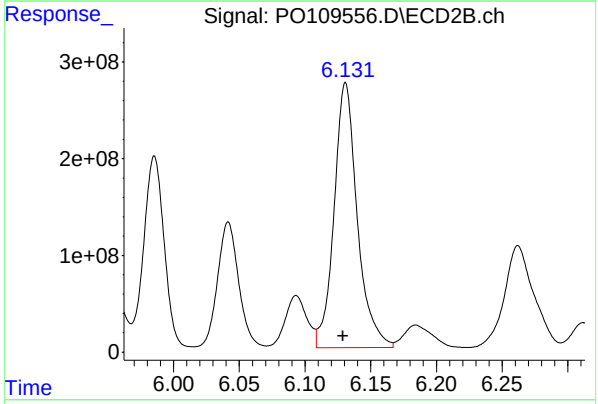
#28 AR-1254-3

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 5789193403
Conc: 8085.97 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2B

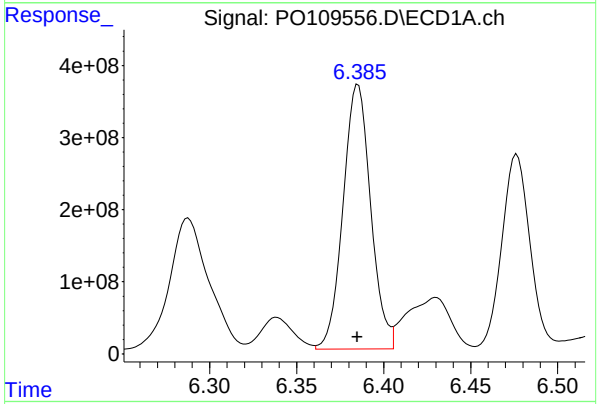
Manual Integrations
APPROVED

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



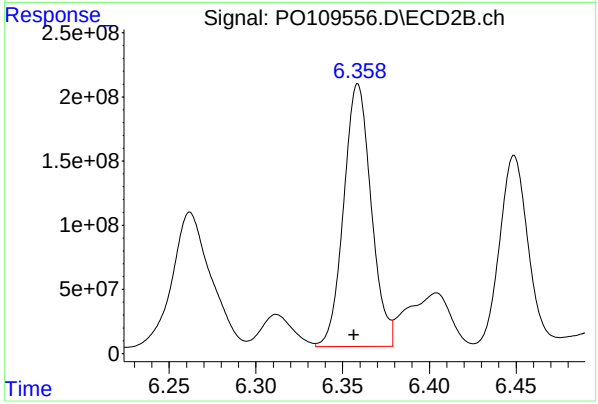
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 3365057741
Conc: 9433.74 ng/ml



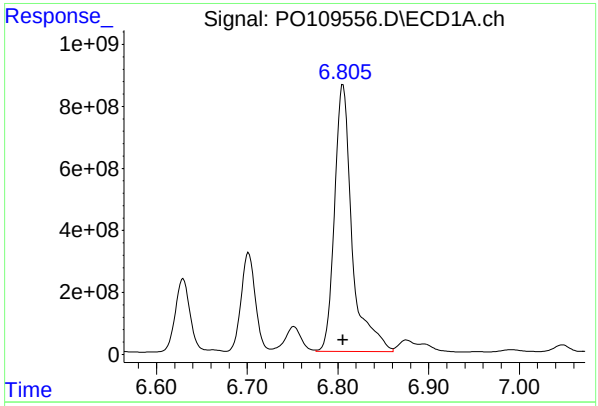
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 4062953799
Conc: 9701.61 ng/ml



#29 AR-1254-4

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 2262921739
Conc: 11717.49 ng/ml



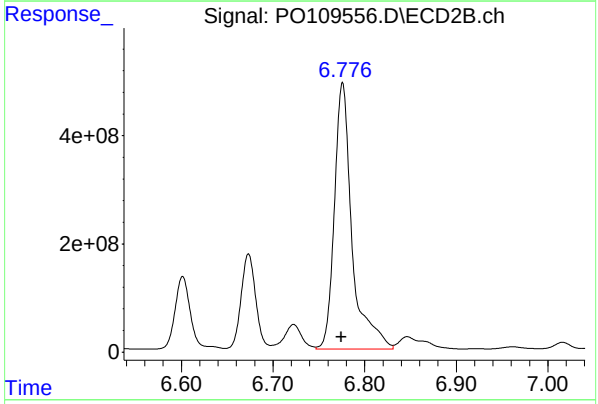
#30 AR-1254-5

R.T.: 6.806 min
Delta R.T.: 0.000 mi
Response: 11581091371
Conc: 18562.33 ng/

Instrument :
ECD_O
ClientSampleId :
K084-2B

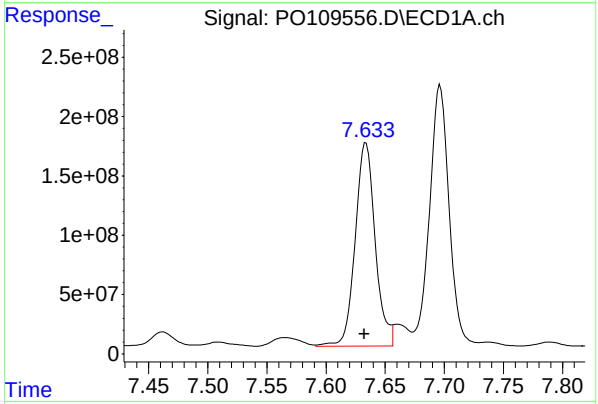
Manual Integrations
APPROVED

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



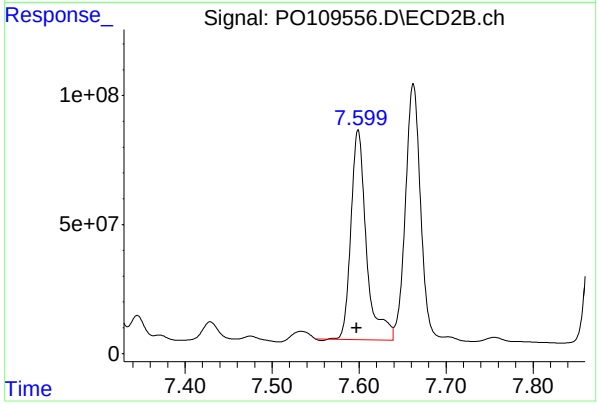
#30 AR-1254-5

R.T.: 6.776 min
Delta R.T.: 0.001 min
Response: 6594909223
Conc: 22225.12 ng/ml



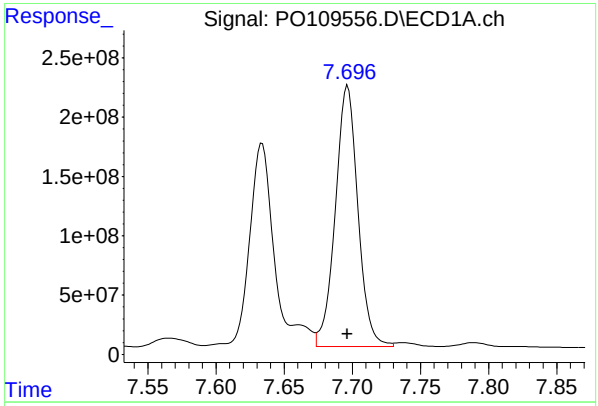
#41 AR-1268-1

R.T.: 7.634 min
Delta R.T.: 0.001 min
Response: 2018165827
Conc: 1524.04 ng/ml



#41 AR-1268-1

R.T.: 7.599 min
Delta R.T.: 0.002 min
Response: 1004162402
Conc: 1757.33 ng/ml



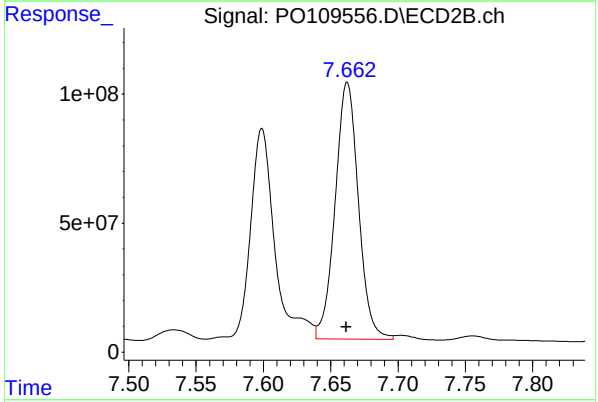
#42 AR-1268-2

R.T.: 7.697 min
Delta R.T.: 0.000 mi
Response: 2536120052
Conc: 2097.52 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2B

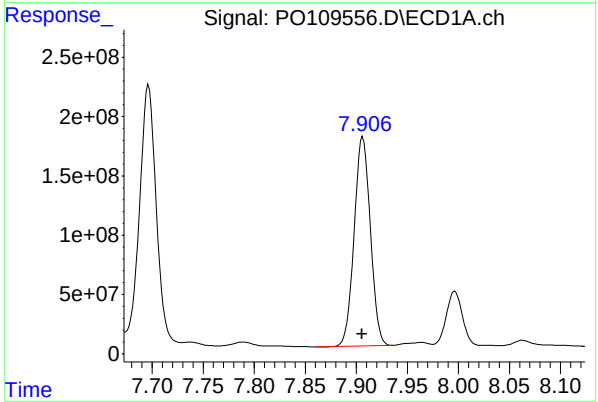
Manual Integrations
APPROVED

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



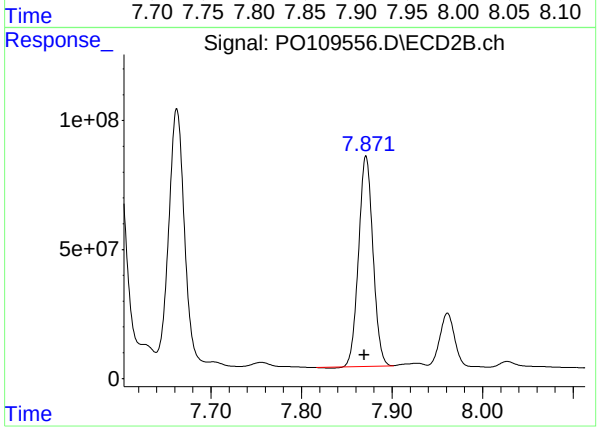
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 1200990767
Conc: 2287.85 ng/ml



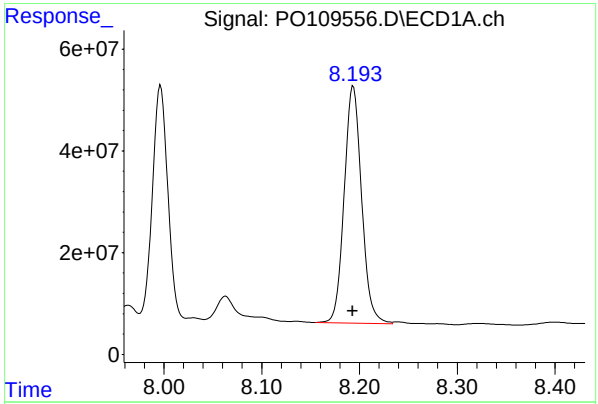
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 1951233125
Conc: 1916.40 ng/ml



#43 AR-1268-3

R.T.: 7.871 min
Delta R.T.: 0.002 min
Response: 900499298
Conc: 2103.76 ng/ml



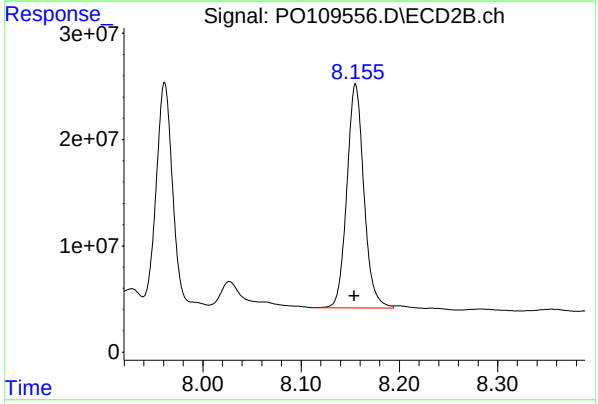
#44 AR-1268-4

R.T.: 8.194 min
Delta R.T.: 0.000 mi
Response: 576965047
Conc: 1358.02 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2B

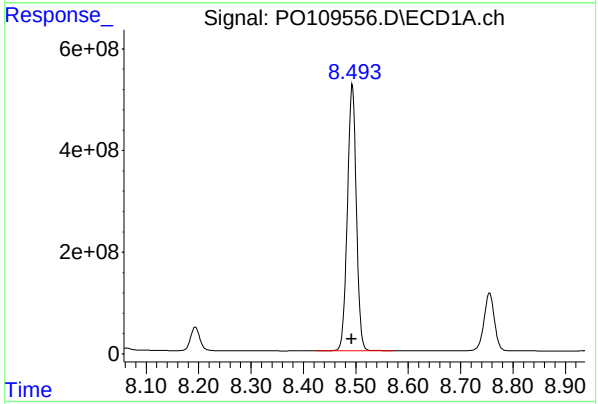
Manual Integrations
APPROVED

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



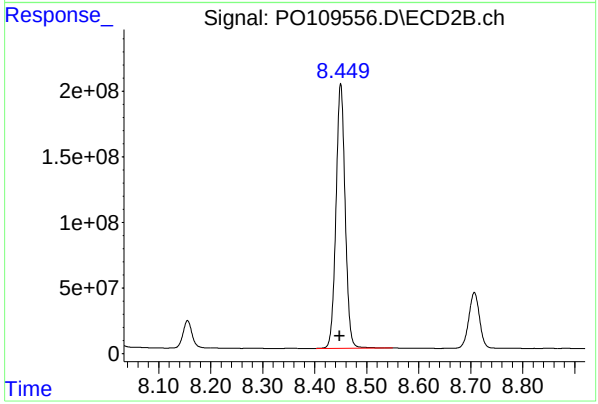
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 253914296
Conc: 1573.83 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.001 min
Response: 6201424532
Conc: 2053.69 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.002 min
Response: 2467458131
Conc: 2257.21 ng/ml

Raw Data: **PO109593.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:	K084-2BDL	SDG No.:	Q1433
Lab Sample ID:	Q1433-05DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.2 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
PO109593.D	3	02/27/25 09:15	02/28/25 15:41	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	12.1	UD	12.1	60.4	ug/kg
11104-28-2	Aroclor-1221	22.8	UD	22.8	60.4	ug/kg
11141-16-5	Aroclor-1232	12.1	UD	12.1	60.4	ug/kg
53469-21-9	Aroclor-1242	12.1	UD	12.1	60.4	ug/kg
12672-29-6	Aroclor-1248	28.1	UD	28.1	60.4	ug/kg
11097-69-1	Aroclor-1254	4600	ED	9.70	60.4	ug/kg
37324-23-5	Aroclor-1262	16.3	UD	16.3	60.4	ug/kg
11100-14-4	Aroclor-1268	878	D	12.2	60.4	ug/kg
11096-82-5	Aroclor-1260	10.3	UD	10.3	60.4	ug/kg
Total PCBs	Total PCBs	5500	D	21.9	60.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.5		32 - 144	123%	SPK: 20
2051-24-3	Decachlorobiphenyl	215	*	32 - 175	1074%	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: **PO109593.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 15:41
Operator : YP/AJ
Sample : Q1433-05DL 3X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-2BDL

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:25:13 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	3.693	77355382	42645124	8.173m	8.147m
2)	SA Decachlor...	8.754	8.706	569.6E6	228.0E6	66.213	71.596
	Target Compounds						
26)	L6 AR-1254-1	5.599	5.580	684.1E6	378.8E6	1326.775	1448.352
27)	L6 AR-1254-2	5.749	5.727	1026.1E6	564.8E6	2278.323	2407.907
28)	L6 AR-1254-3	6.154	6.130	2245.9E6	1215.8E6	3136.951	3408.504
29)	L6 AR-1254-4	6.384	6.357	1517.2E6	795.8E6	3622.789	4120.660
30)	L6 AR-1254-5	6.804	6.775	4412.3E6	2347.6E6	7072.034	7911.377
41)	L9 AR-1268-1	7.632	7.598	758.4E6	380.8E6	572.751	666.342
42)	L9 AR-1268-2	7.695	7.661	929.0E6	443.6E6	768.370	845.076
43)	L9 AR-1268-3	7.905	7.870	717.1E6	334.1E6	704.252	780.411
44)	L9 AR-1268-4	8.192	8.155	218.9E6	98452008	515.168	610.233
45)	L9 AR-1268-5	8.491	8.449	2187.6E6	877.2E6	724.453	802.498

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 15:41
Operator : YP/AJ
Sample : Q1433-05DL 3X
Misc :
ALS Vial : 19 Sample Multiplier: 1

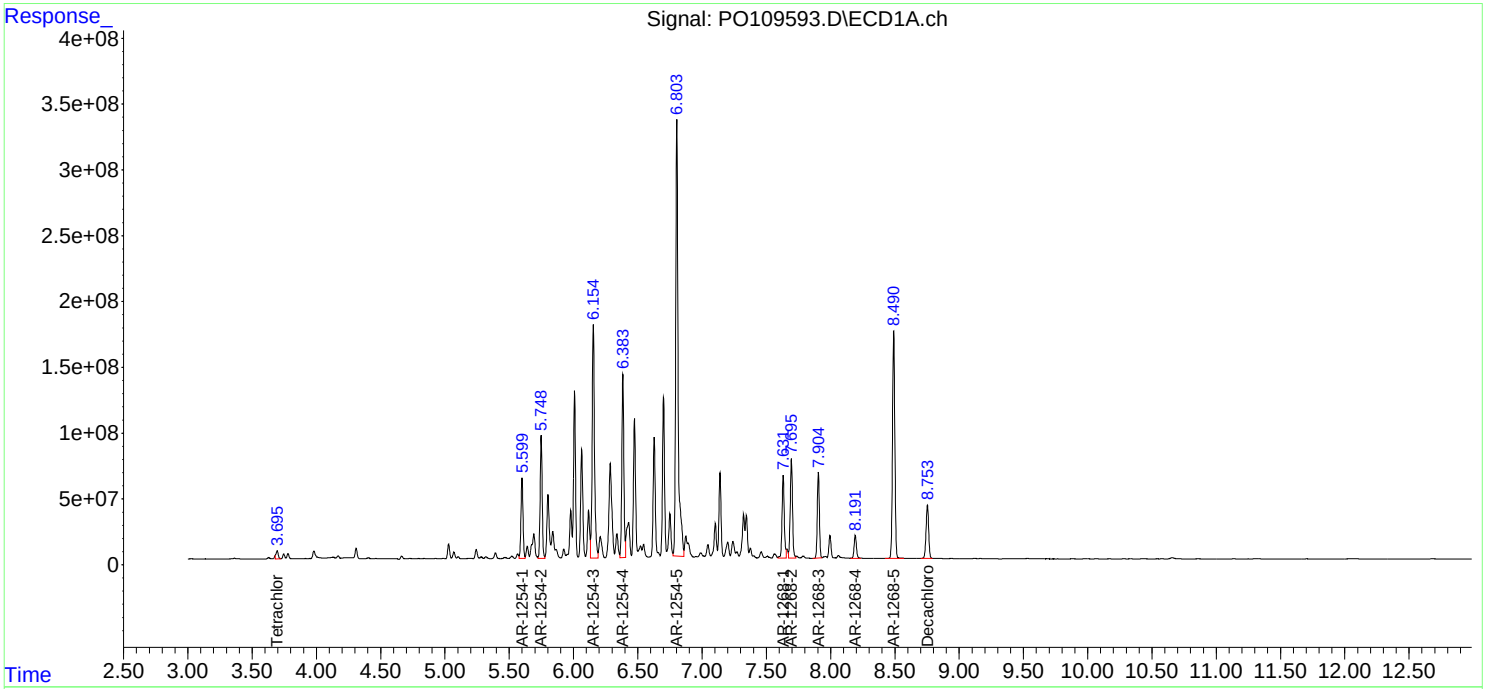
Instrument :
ECD_O
ClientSampleId :
K084-2BDL

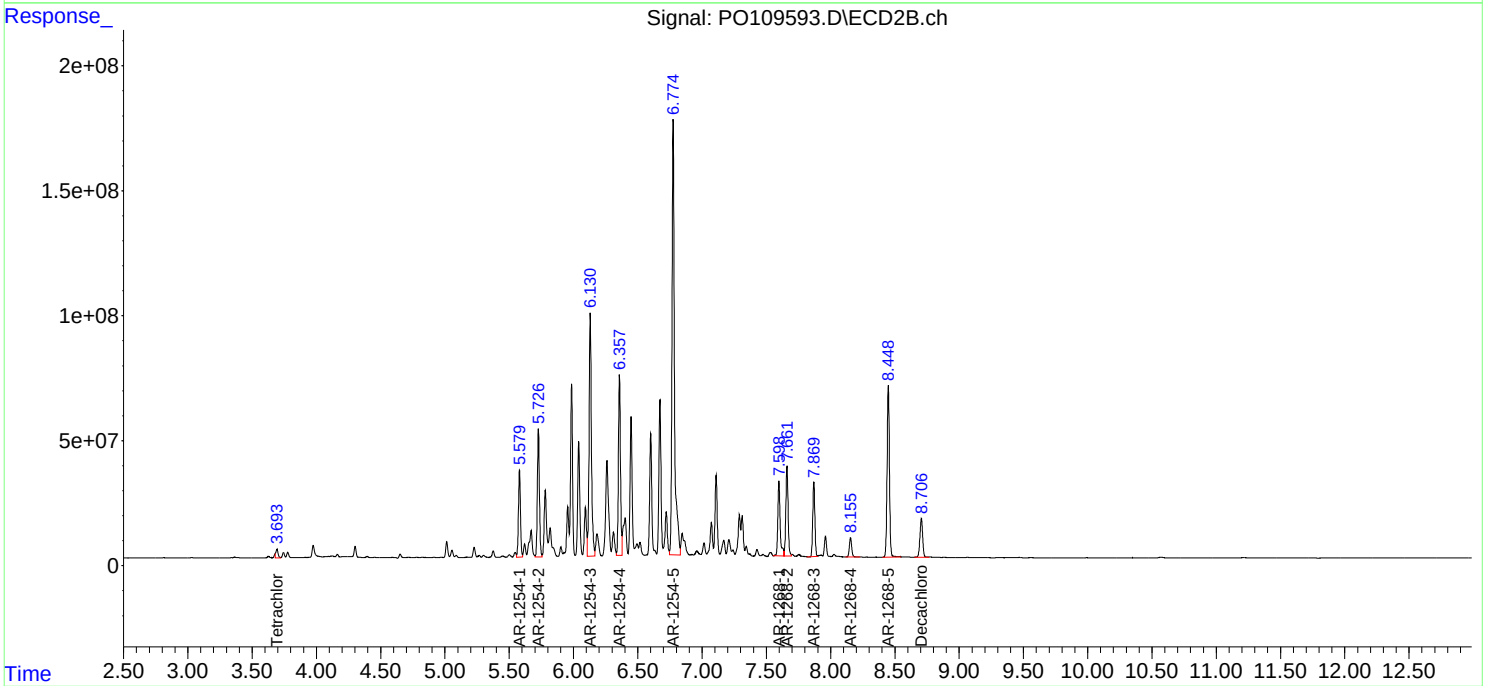
Manual Integrations APPROVED

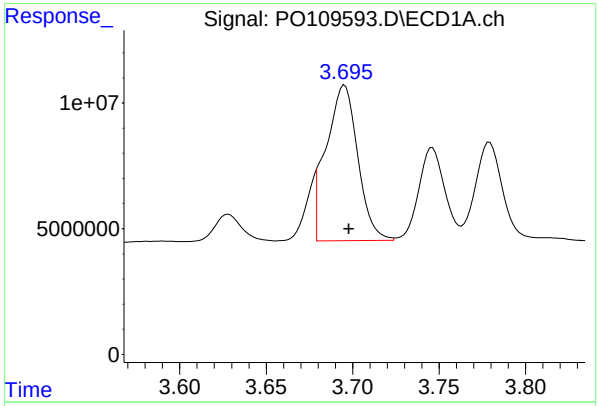
Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:25:13 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







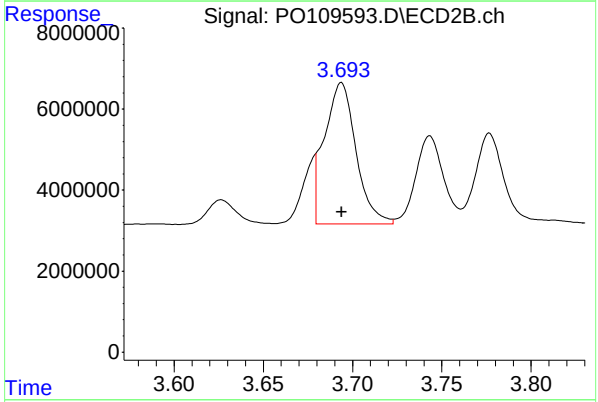
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 77355382
Conc: 8.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2BDL

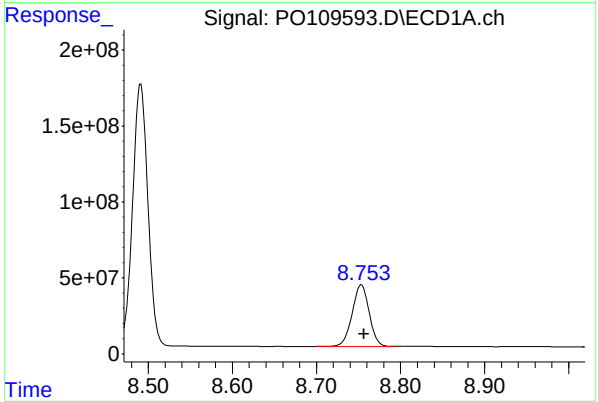
Manual Integrations
APPROVED

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



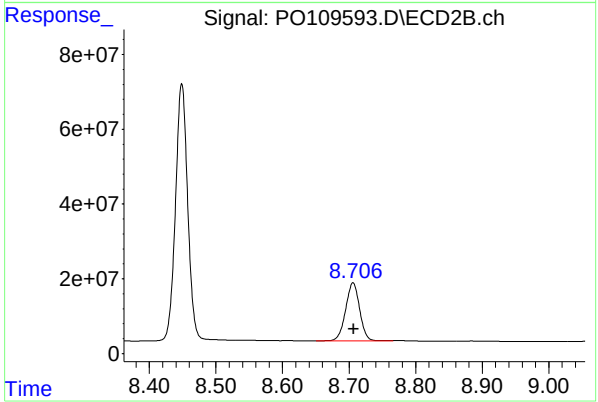
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 42645124
Conc: 8.15 ng/ml m



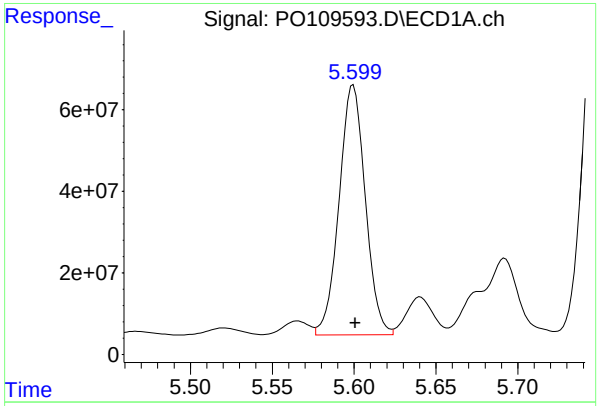
#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 569557275
Conc: 66.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 227981619
Conc: 71.60 ng/ml



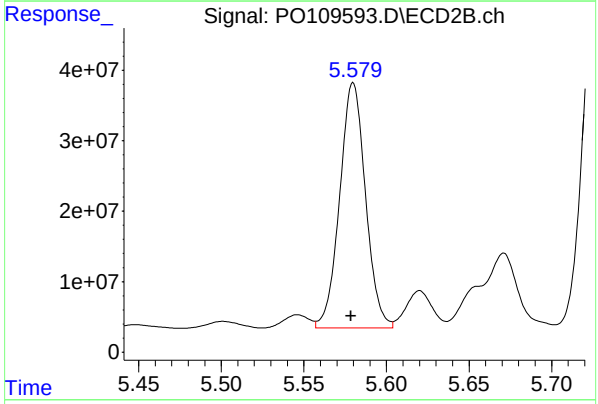
#26 AR-1254-1

R.T.: 5.599 min
Delta R.T.: -0.001 mi
Response: 684094156
Conc: 1326.78 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2BDL

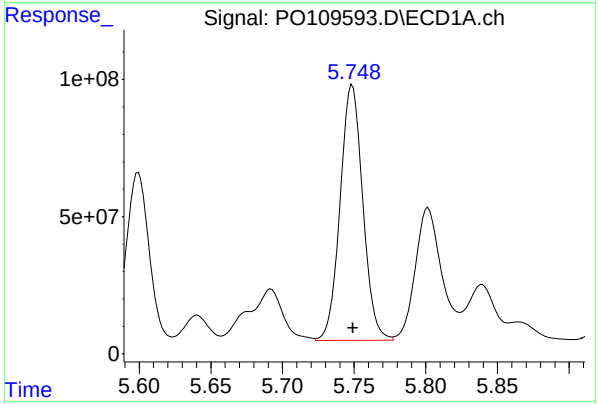
Manual Integrations APPROVED

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



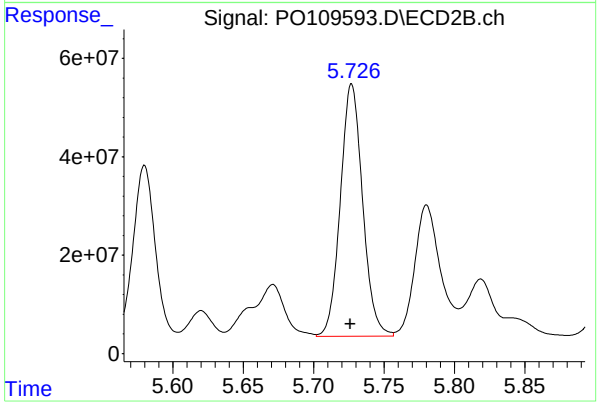
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 378799453
Conc: 1448.35 ng/ml



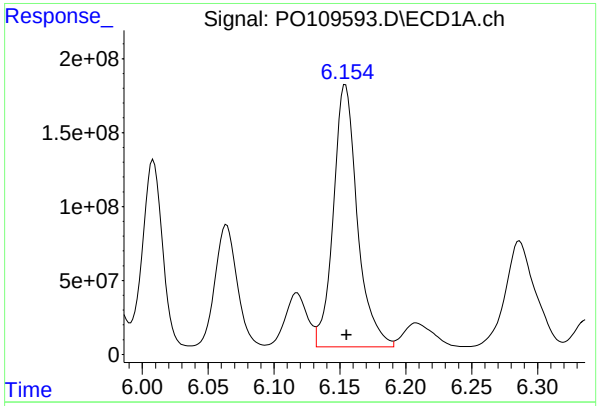
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 1026098729
Conc: 2278.32 ng/ml



#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 564802259
Conc: 2407.91 ng/ml



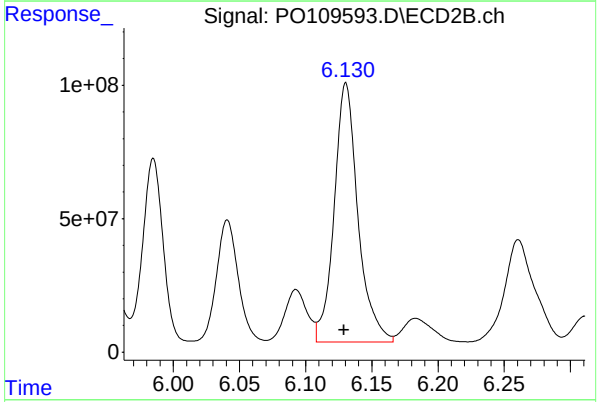
#28 AR-1254-3

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 2245916806
Conc: 3136.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2BDL

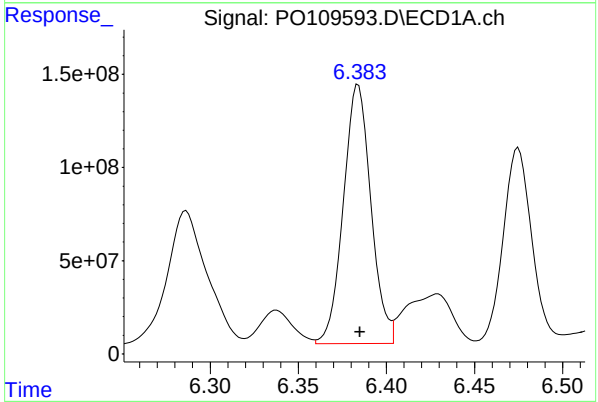
Manual Integrations
APPROVED

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



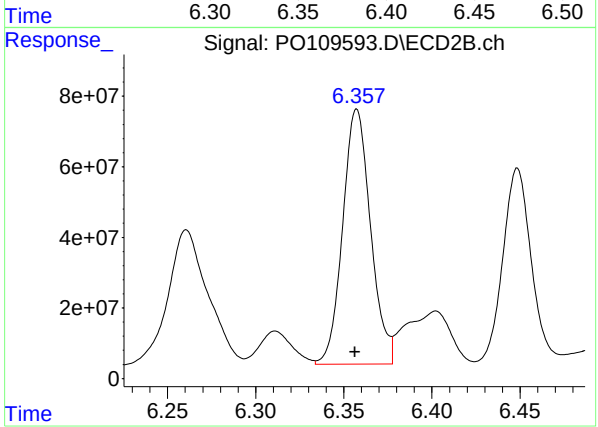
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 1215828898
Conc: 3408.50 ng/ml



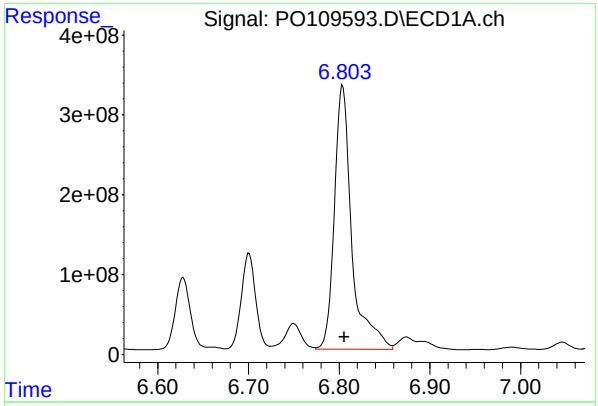
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 1517193063
Conc: 3622.79 ng/ml



#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 795795874
Conc: 4120.66 ng/ml



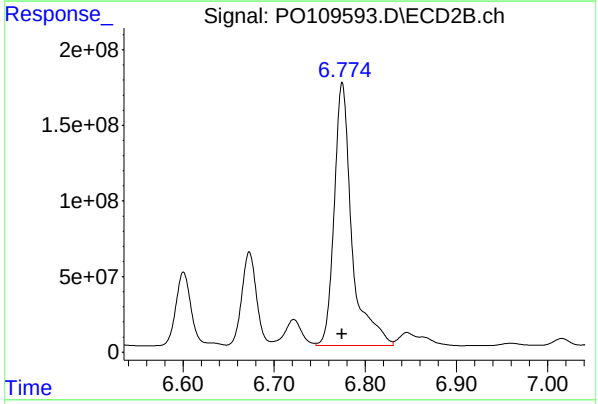
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.002 mi
Response: 4412262689
Conc: 7072.03 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2BDL

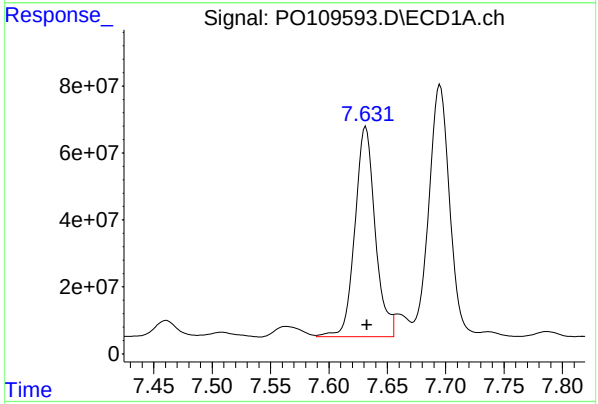
Manual Integrations
APPROVED

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



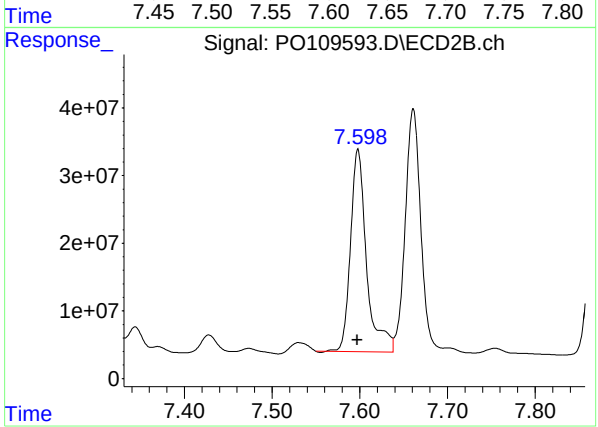
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 2347560606
Conc: 7911.38 ng/ml



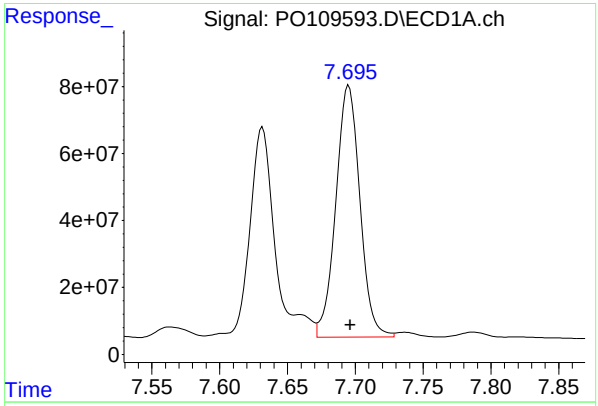
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 758446875
Conc: 572.75 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 380756001
Conc: 666.34 ng/ml



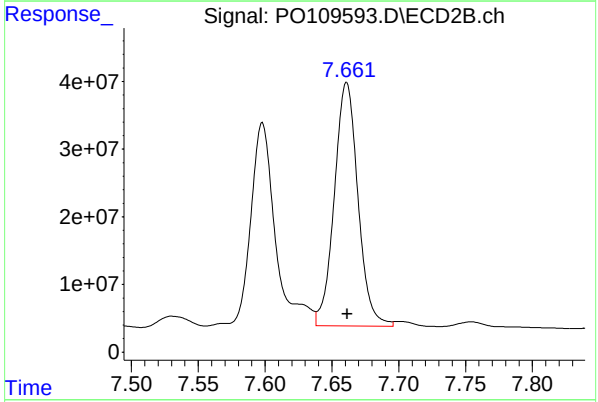
#42 AR-1268-2

R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 929041702
Conc: 768.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2BDL

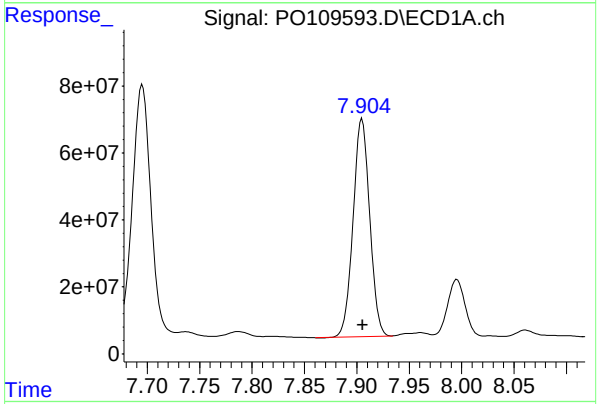
Manual Integrations
APPROVED

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



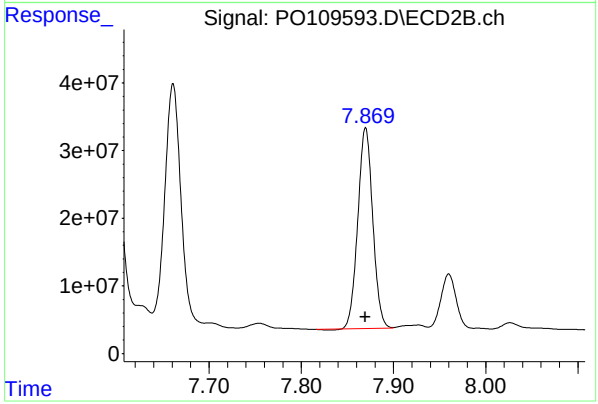
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 443617177
Conc: 845.08 ng/ml



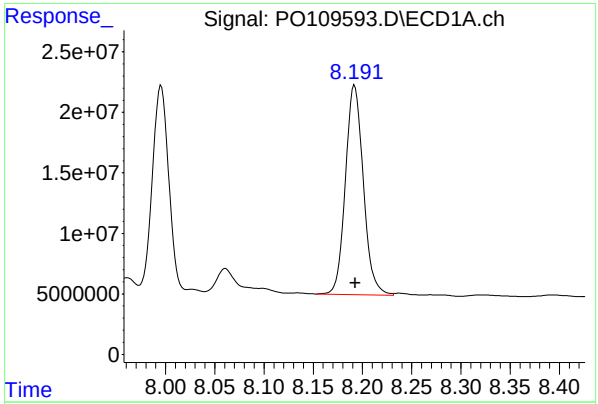
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 717053666
Conc: 704.25 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 334050118
Conc: 780.41 ng/ml



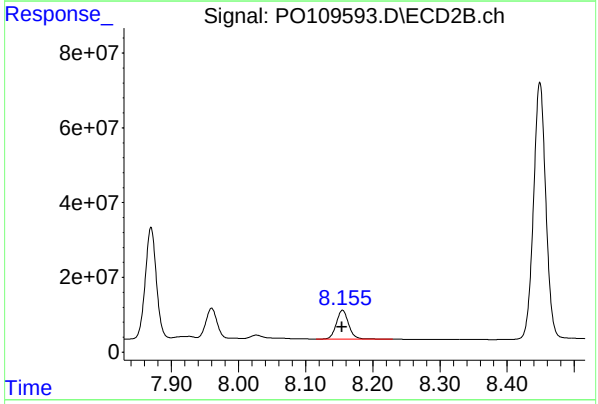
#44 AR-1268-4

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 218873551
Conc: 515.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2BDL

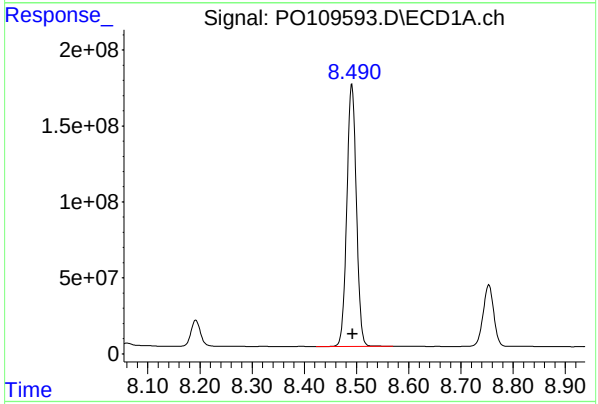
Manual Integrations
APPROVED

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



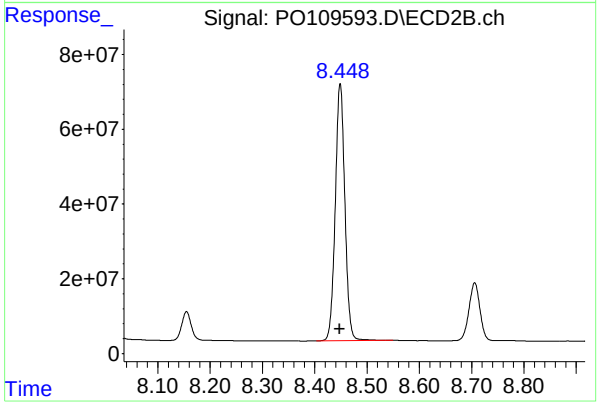
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 98452008
Conc: 610.23 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 2187594310
Conc: 724.45 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 877246261
Conc: 802.50 ng/ml

Raw Data: **PO109594.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:	K084-2BDL2	SDG No.:	Q1433
Lab Sample ID:	Q1433-05DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.2 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
PO109594.D	20	02/27/25 09:15	02/28/25 15:59	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	80.4	UD	80.4	403	ug/kg
11104-28-2	Aroclor-1221	152	UD	152	403	ug/kg
11141-16-5	Aroclor-1232	80.6	UD	80.6	403	ug/kg
53469-21-9	Aroclor-1242	80.4	UD	80.4	403	ug/kg
12672-29-6	Aroclor-1248	187	UD	187	403	ug/kg
11097-69-1	Aroclor-1254	4900	D	64.7	403	ug/kg
37324-23-5	Aroclor-1262	108	UD	108	403	ug/kg
11100-14-4	Aroclor-1268	985	D	81.3	403	ug/kg
11096-82-5	Aroclor-1260	69.0	UD	69.0	403	ug/kg
Total PCBs	Total PCBs	5800	D	146	403	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.4		32 - 144	137%	SPK: 20
2051-24-3	Decachlorobiphenyl	257	*	32 - 175	1284%	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: **PO109594.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 15:59
Operator : YP/AJ
Sample : Q1433-05DL2 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-2BDL2

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:25:39 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...	3.695	3.693	12936594	7085350	1.367m	1.354m
2)	SA Decachlor...	8.755	8.705	99068571	40886863	11.517	12.840
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.579	118.8E6	66460599	230.357	254.114
27)	L6 AR-1254-2	5.749	5.727	173.2E6	97141980	384.587	414.143
28)	L6 AR-1254-3	6.155	6.130	368.7E6	197.6E6	514.946	554.056
29)	L6 AR-1254-4	6.384	6.357	247.8E6	127.5E6	591.674	660.449
30)	L6 AR-1254-5	6.804	6.775	670.3E6	352.2E6	1074.402	1187.012
41)	L9 AR-1268-1	7.631	7.597	134.3E6	61905064	101.411m	108.337
42)	L9 AR-1268-2	7.695	7.661	169.9E6	75795991	140.527	144.389
43)	L9 AR-1268-3	7.906	7.870	117.0E6	56769612	114.882	132.626
44)	L9 AR-1268-4	8.193	8.154	38752322	17204072	91.212	106.636
45)	L9 AR-1268-5	8.492	8.449	338.1E6	143.8E6	111.951	131.525

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 15:59
Operator : YP/AJ
Sample : Q1433-05DL2 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

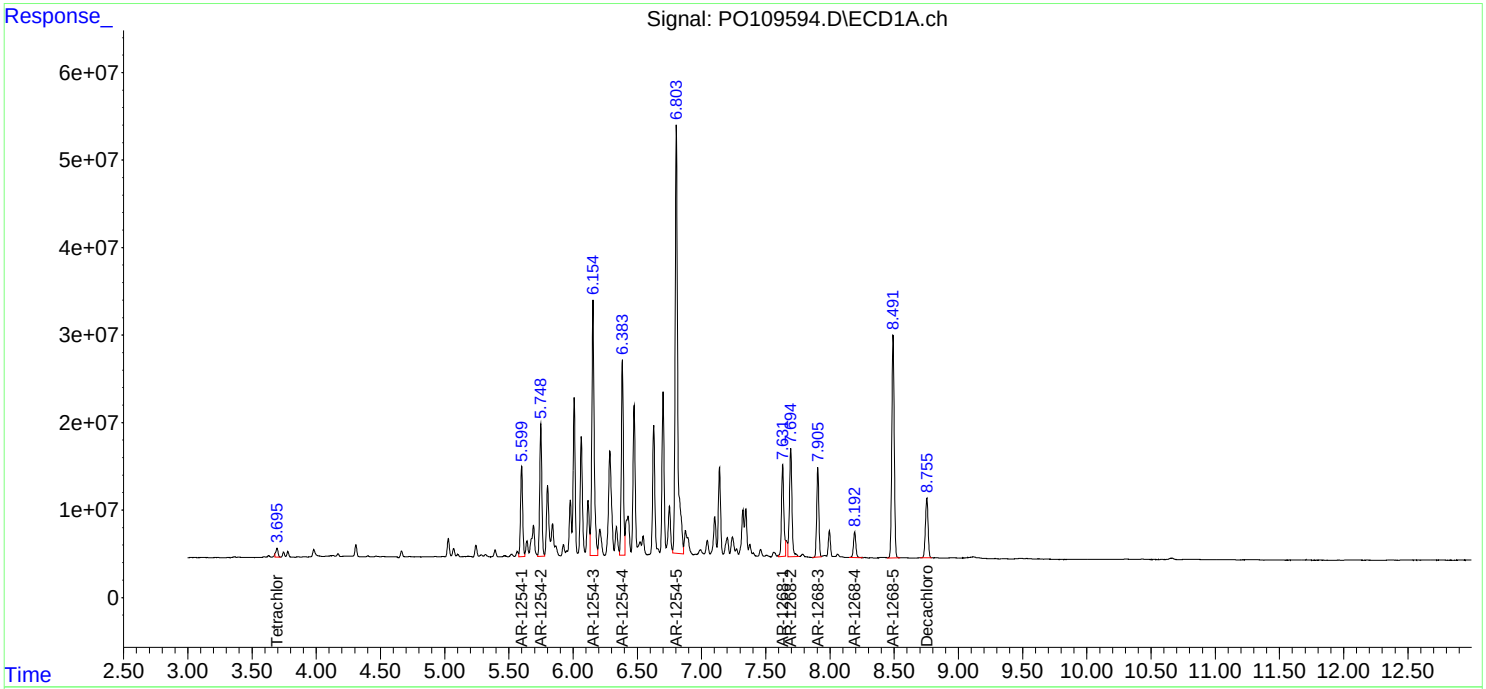
Instrument :
ECD_O
ClientSampleId :
K084-2BDL2

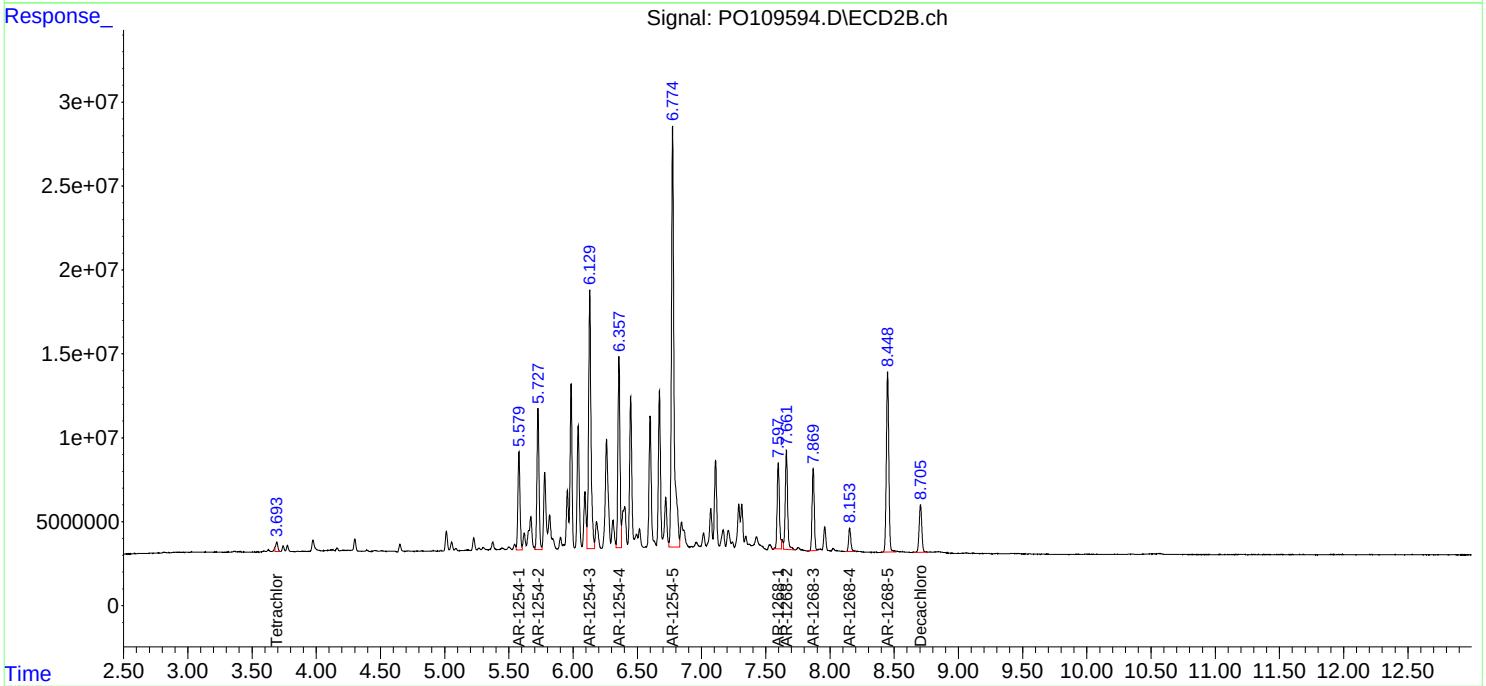
Manual Integrations APPROVED

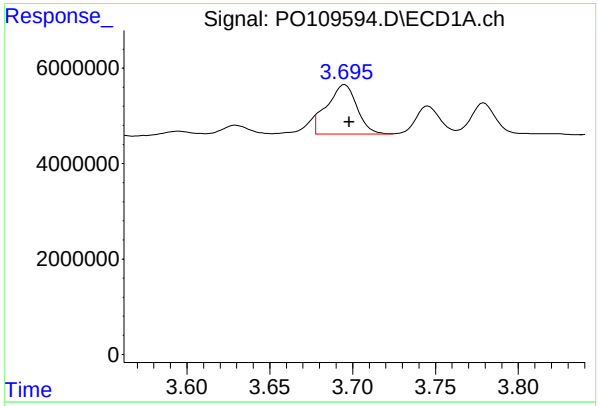
Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:25:39 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







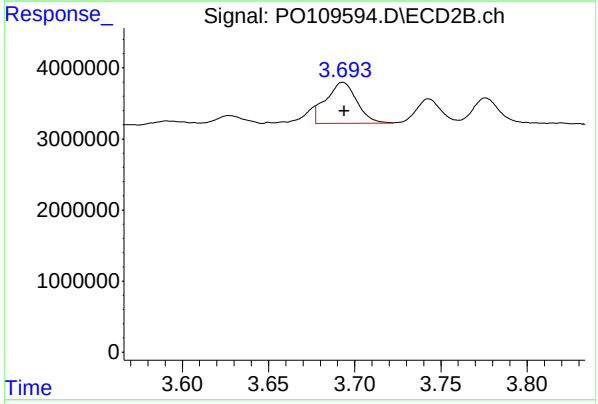
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 12936594
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2BDL2

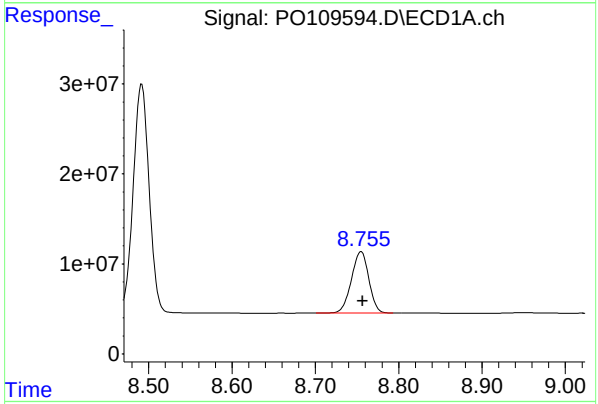
Manual Integrations APPROVED

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



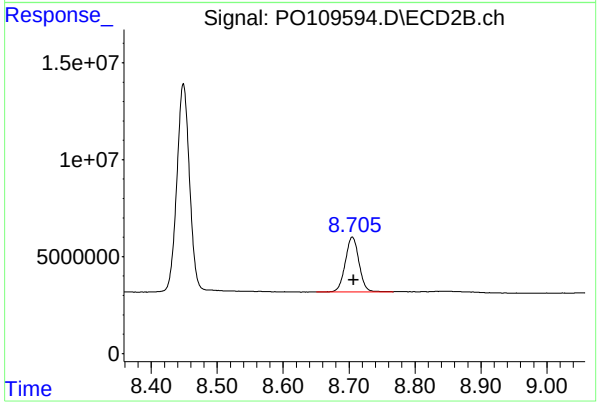
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 7085350
Conc: 1.35 ng/ml m



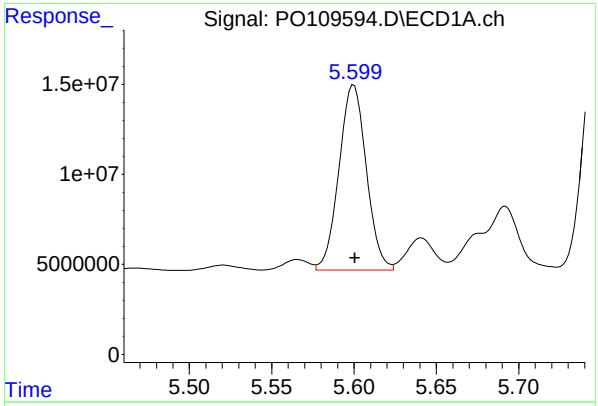
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 99068571
Conc: 11.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 40886863
Conc: 12.84 ng/ml



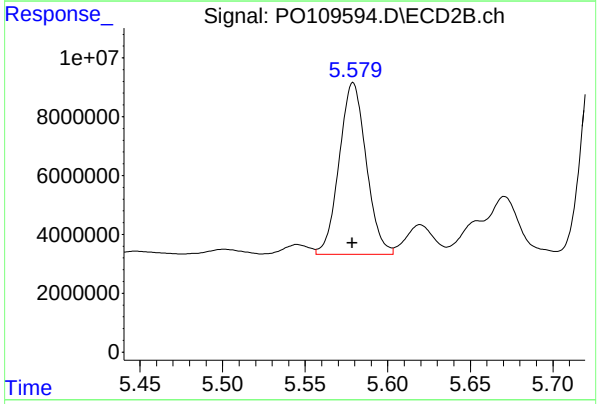
#26 AR-1254-1

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 118773793
Conc: 230.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2BDL2

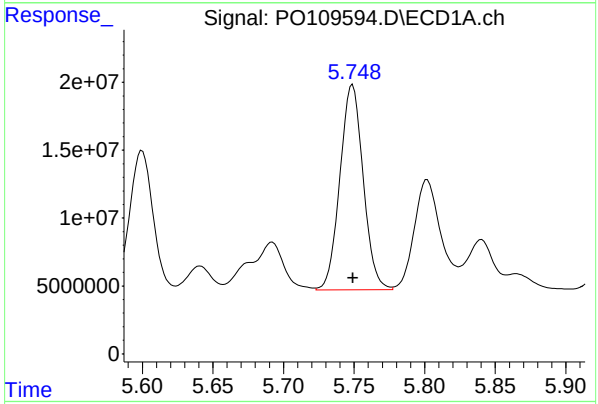
Manual Integrations APPROVED

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



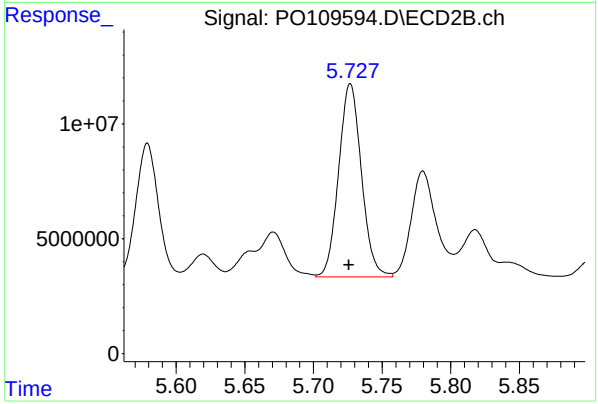
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 66460599
Conc: 254.11 ng/ml



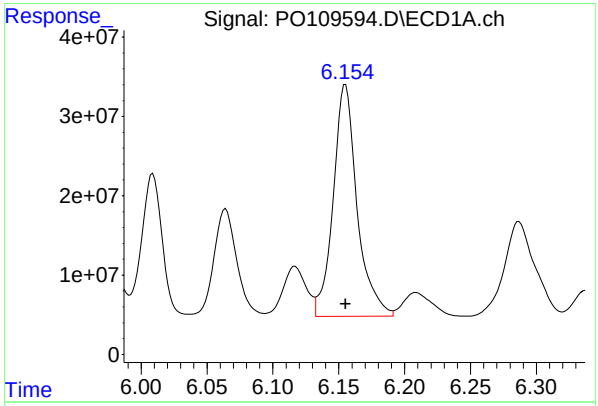
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 173208300
Conc: 384.59 ng/ml



#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 97141980
Conc: 414.14 ng/ml



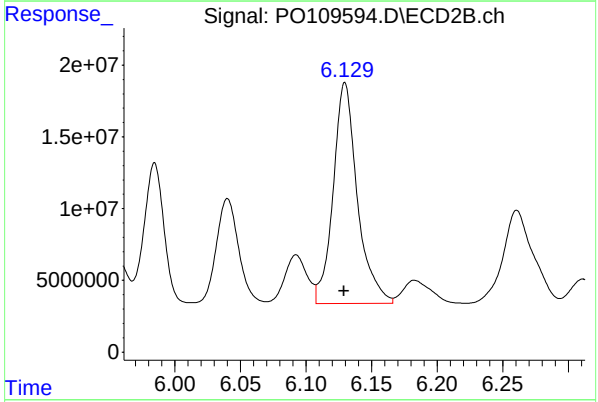
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 368678253
Conc: 514.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2BDL2

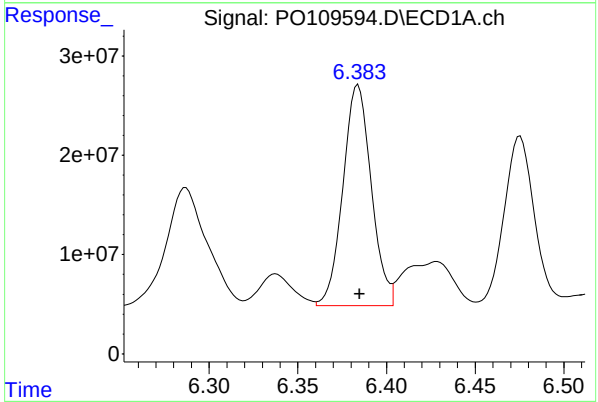
Manual Integrations
APPROVED

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



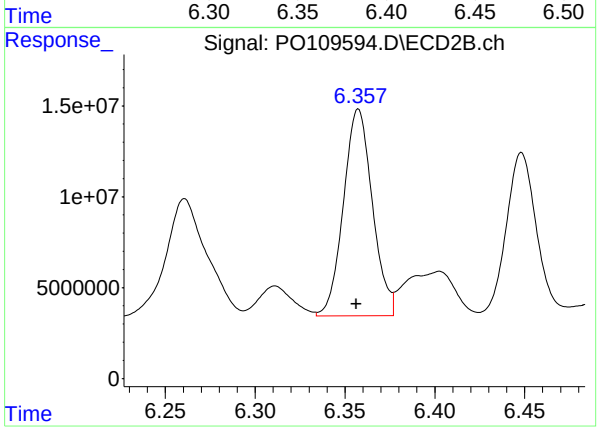
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 197634418
Conc: 554.06 ng/ml



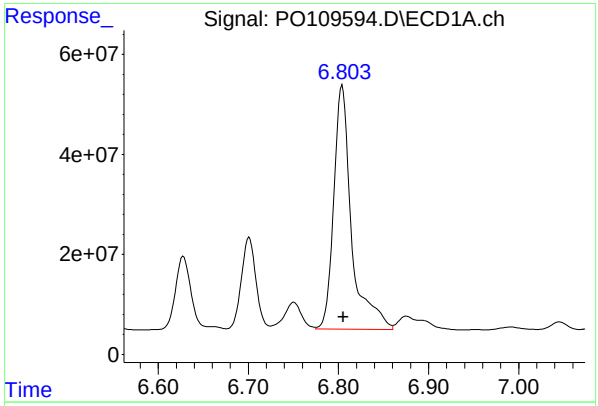
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 247788153
Conc: 591.67 ng/ml



#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 127548193
Conc: 660.45 ng/ml



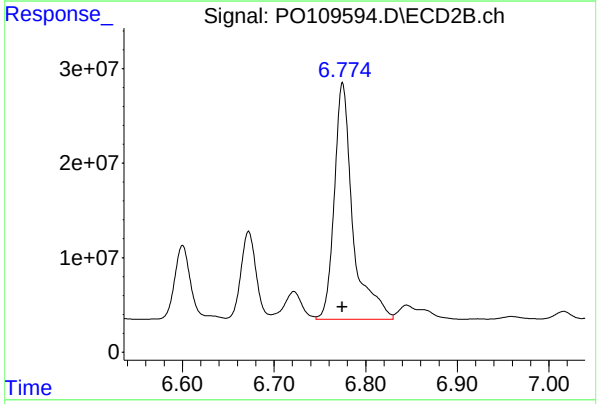
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 670322277
Conc: 1074.40 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2BDL2

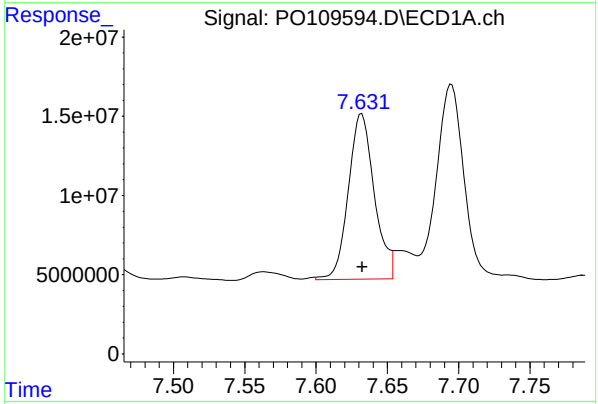
Manual Integrations
APPROVED

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



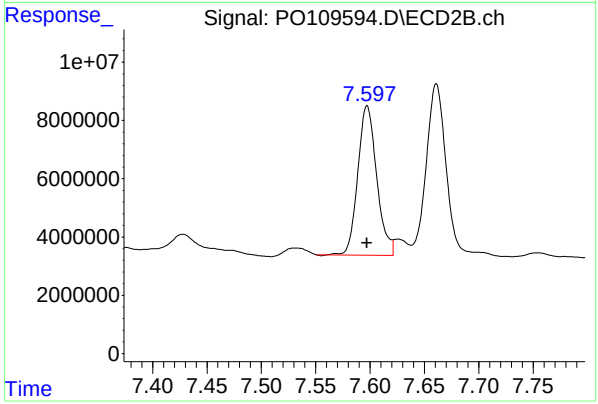
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 352224667
Conc: 1187.01 ng/ml



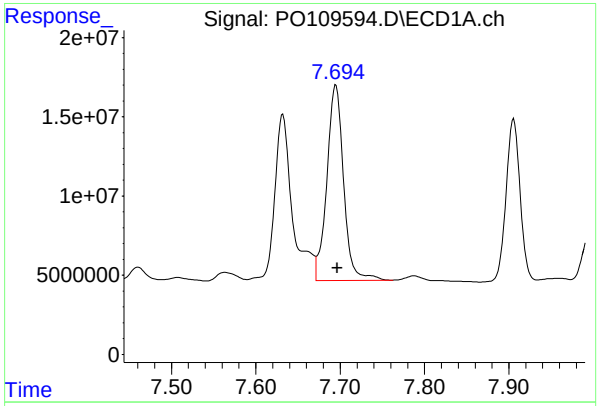
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 134289645
Conc: 101.41 ng/ml m



#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 61905064
Conc: 108.34 ng/ml



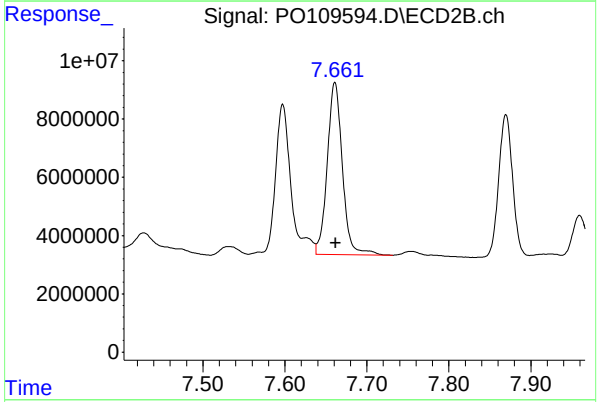
#42 AR-1268-2

R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 169912424
Conc: 140.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2BDL2

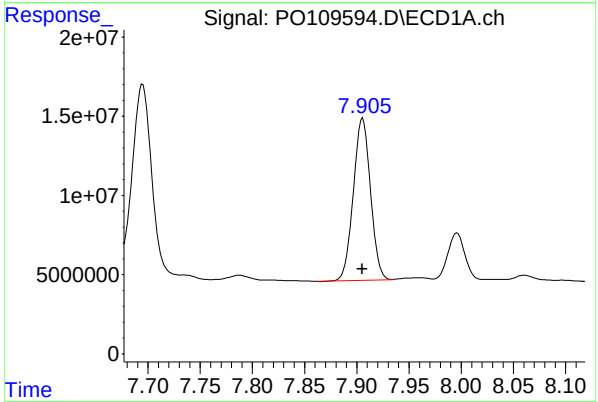
Manual Integrations
APPROVED

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



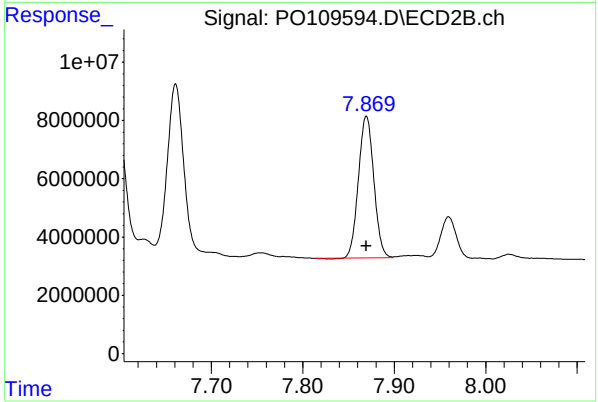
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 75795991
Conc: 144.39 ng/ml



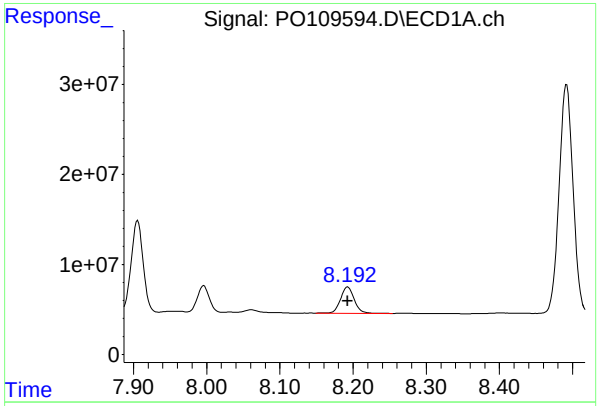
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 116970673
Conc: 114.88 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 56769612
Conc: 132.63 ng/ml



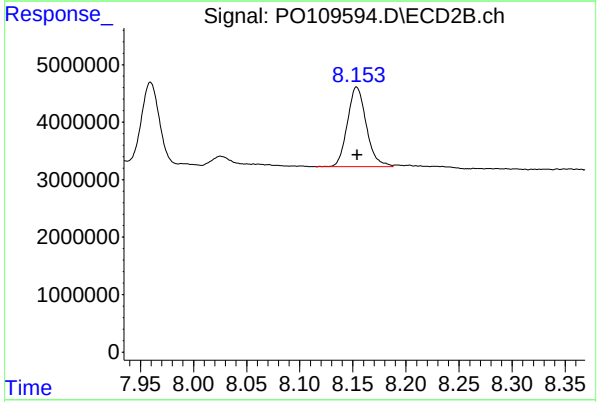
#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 38752322
Conc: 91.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2BDL2

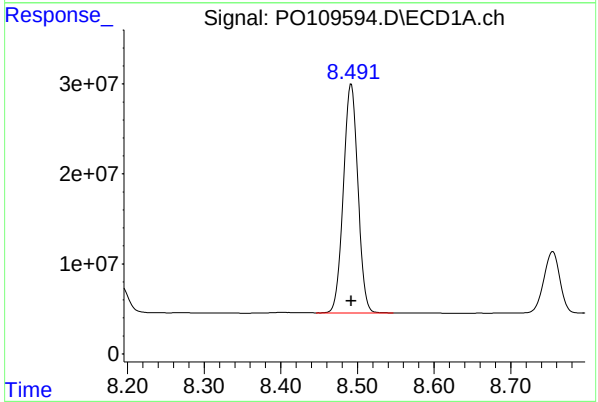
Manual Integrations APPROVED

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



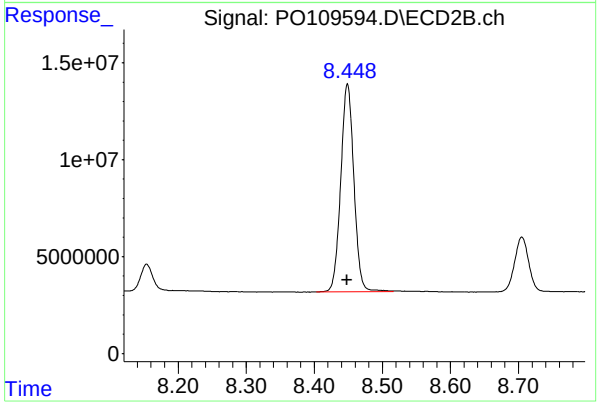
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 17204072
Conc: 106.64 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 338052966
Conc: 111.95 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 143776223
Conc: 131.53 ng/ml

Raw Data: **PO109685.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:	K084-2C	SDG No.:	Q1433
Lab Sample ID:	Q1433-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	72.4 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
PO109685.D	1	03/06/25 11:40	03/07/25 01:23	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	23.5	ug/kg
11104-28-2	Aroclor-1221	8.80	U	8.80	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	682	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	130		4.70	23.5	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	23.5	ug/kg
Total PCBs	Total PCBs	812		8.50	23.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		32 - 144	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		32 - 175	113%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 01:23
Operator : YP/AJ
Sample : Q1433-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-2C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:59 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	158.7E6	91769002	16.766	17.533
2)	SA Decachlor...	8.753	8.706	172.5E6	72048242	20.055	22.626
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.580	206.8E6	117.2E6	401.158	447.983
27)	L6 AR-1254-2	5.749	5.727	358.7E6	201.4E6	796.492	858.546
28)	L6 AR-1254-3	6.155	6.130	806.5E6	445.8E6	1126.534	1249.661
29)	L6 AR-1254-4	6.384	6.358	438.6E6	228.3E6	1047.207	1181.980
30)	L6 AR-1254-5	6.804	6.775	2052.5E6	1091.1E6	3289.788	3676.896
41)	L9 AR-1268-1	7.632	7.599	362.7E6	161.3E6	273.917	282.360
42)	L9 AR-1268-2	7.696	7.662	525.3E6	245.5E6	434.462	467.587
43)	L9 AR-1268-3	7.905	7.870	173.0E6	81266877	169.918	189.856
44)	L9 AR-1268-4	8.193	8.155	103.6E6	45957894	243.927	284.860
45)	L9 AR-1268-5	8.492	8.449	509.3E6	206.4E6	168.655	188.792

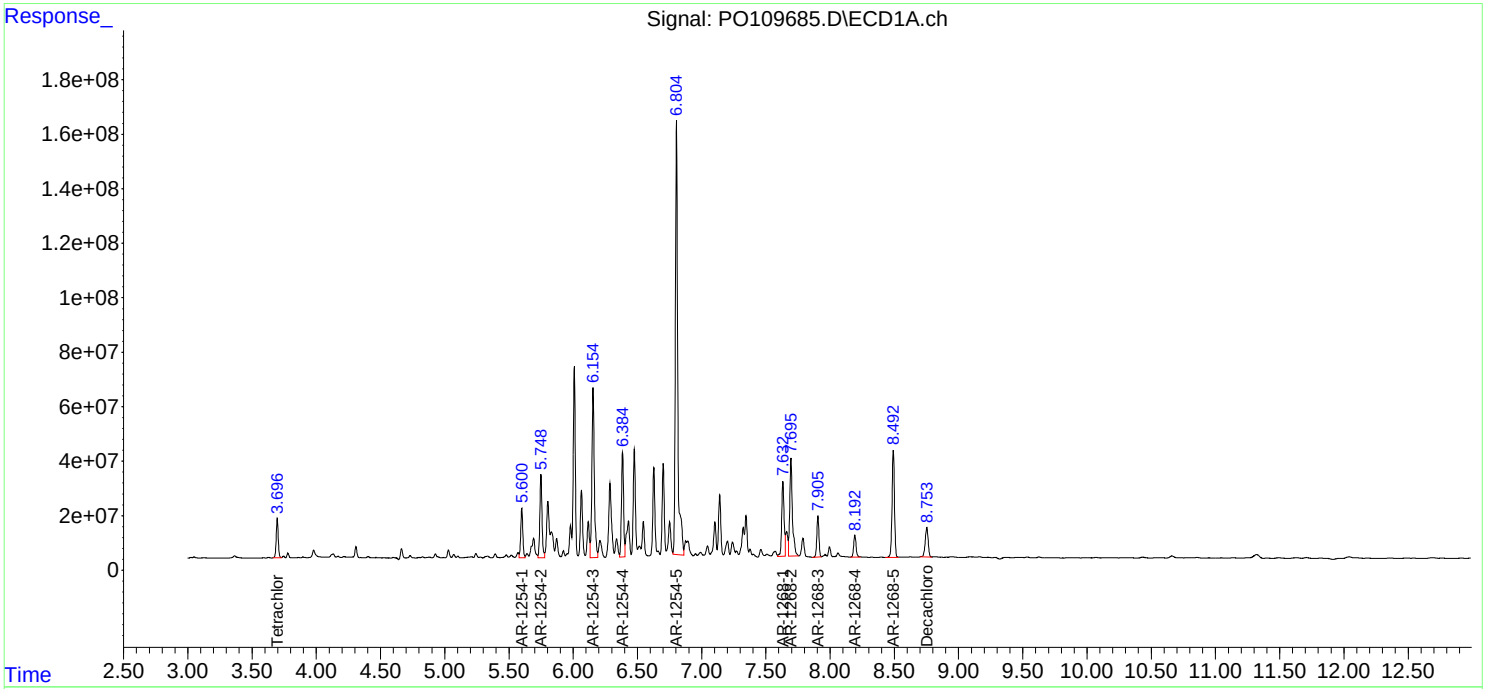
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

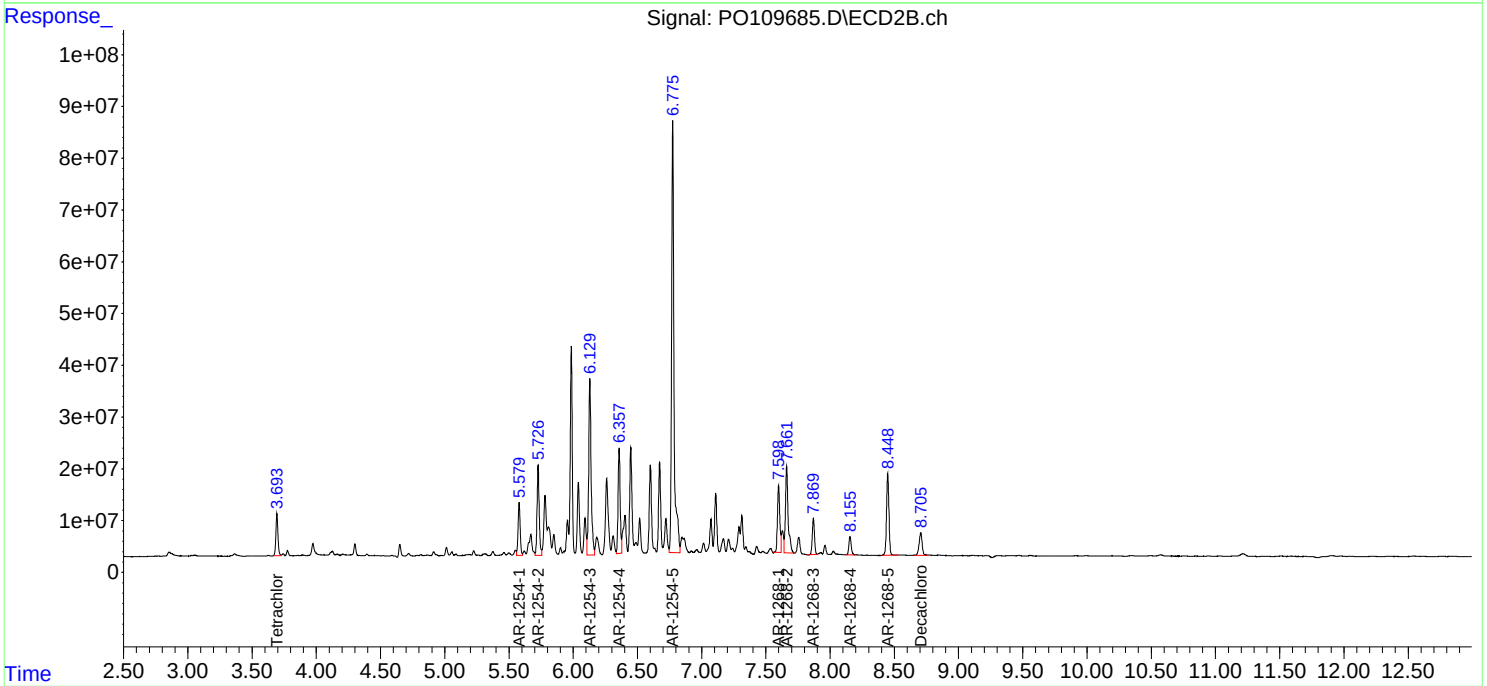
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 01:23
Operator : YP/AJ
Sample : Q1433-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

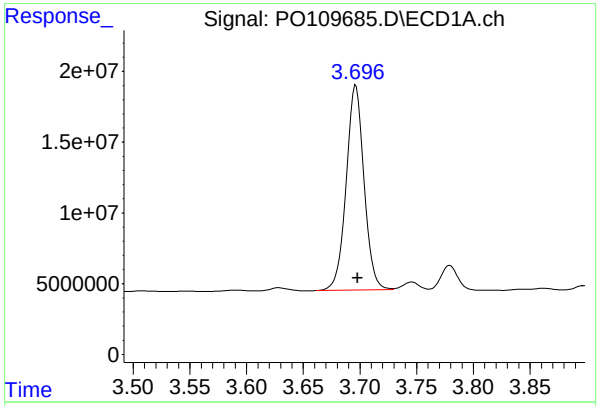
Instrument :
ECD_O
ClientSampleId :
K084-2C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:59 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



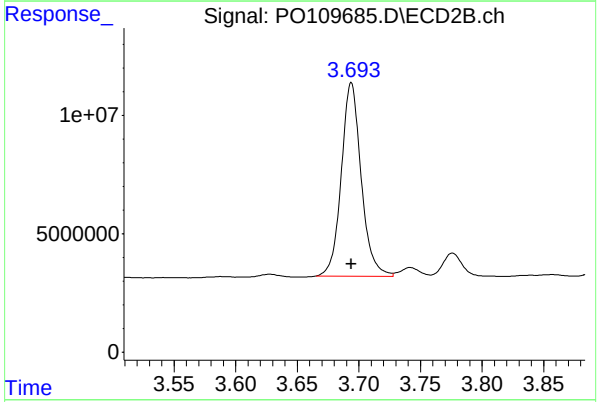




#1 Tetrachloro-m-xylene

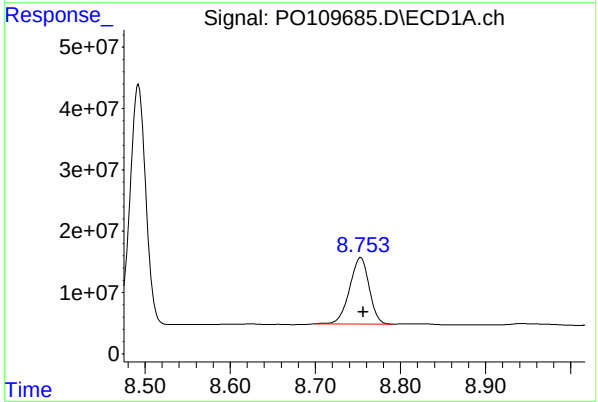
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 158692481
Conc: 16.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2C



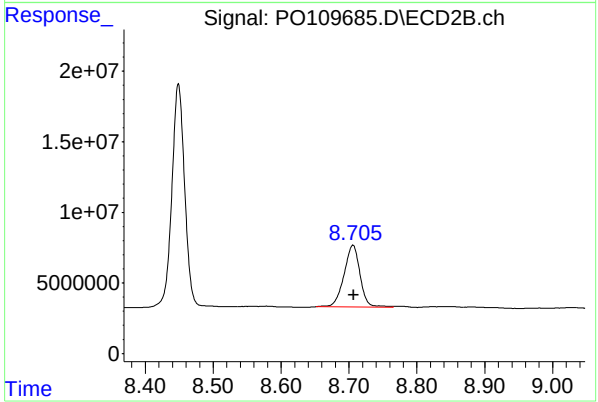
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 91769002
Conc: 17.53 ng/ml



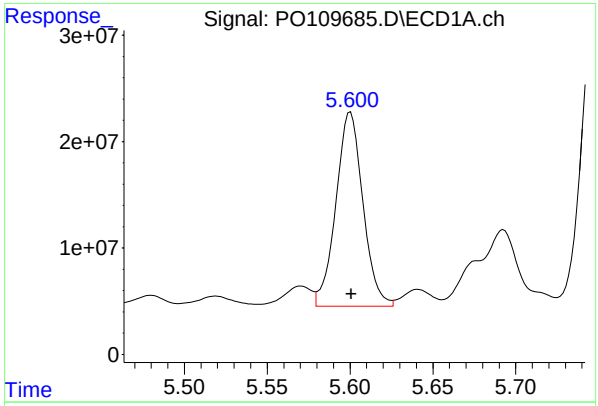
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 172510234
Conc: 20.05 ng/ml



#2 Decachlorobiphenyl

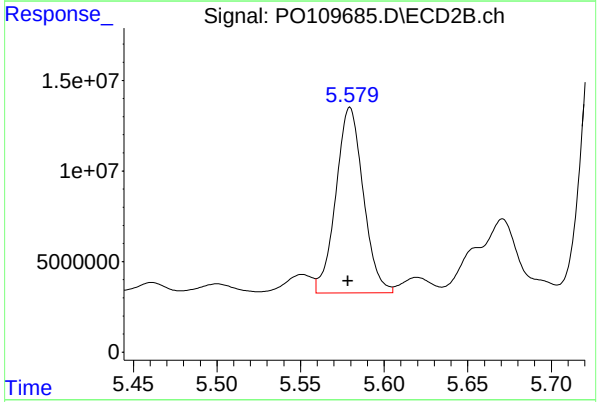
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 72048242
Conc: 22.63 ng/ml



#26 AR-1254-1

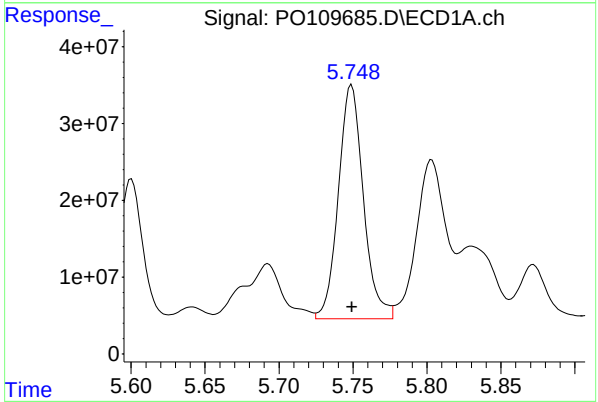
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 206839979
Conc: 401.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2C



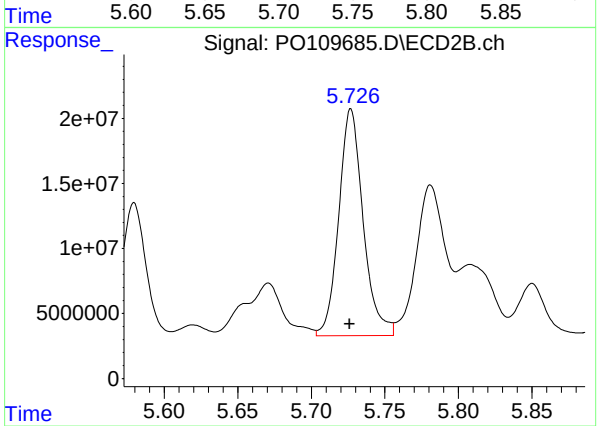
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 117164725
Conc: 447.98 ng/ml



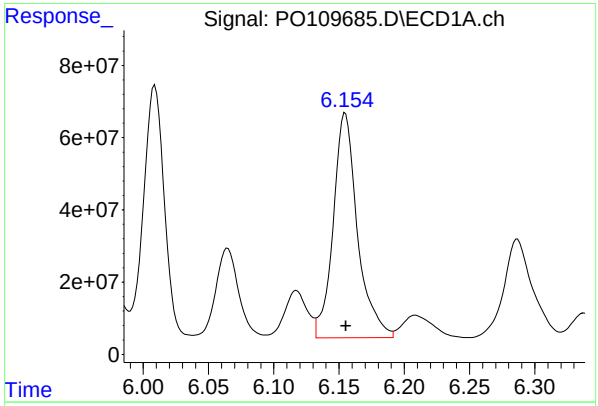
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 358719604
Conc: 796.49 ng/ml



#27 AR-1254-2

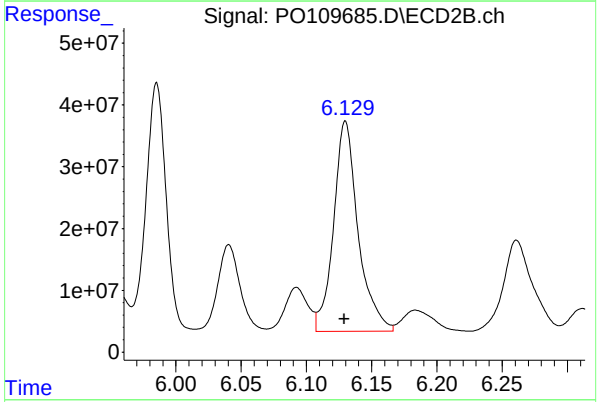
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 201381832
Conc: 858.55 ng/ml



#28 AR-1254-3

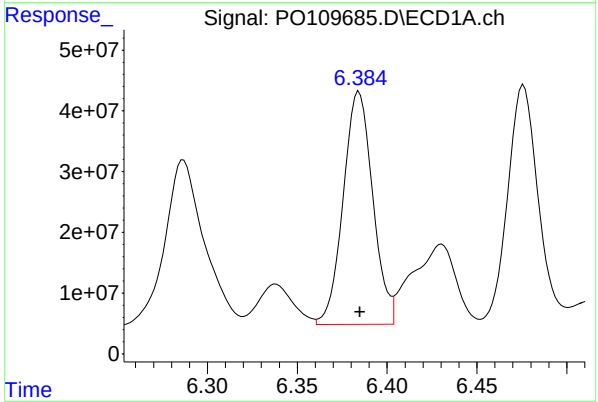
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 806548313
Conc: 1126.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2C



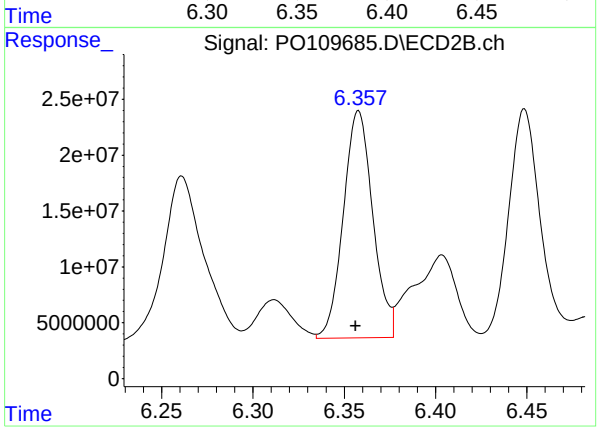
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 445759924
Conc: 1249.66 ng/ml



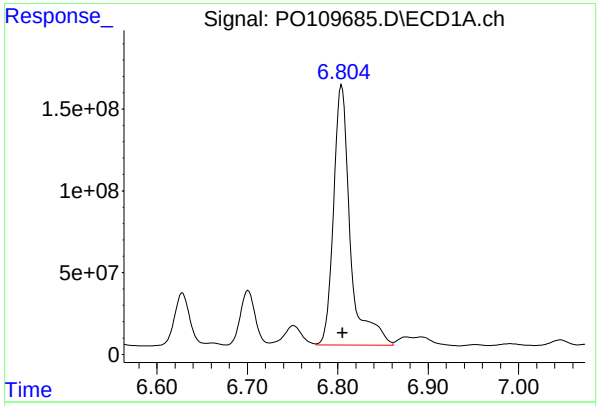
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 438561306
Conc: 1047.21 ng/ml



#29 AR-1254-4

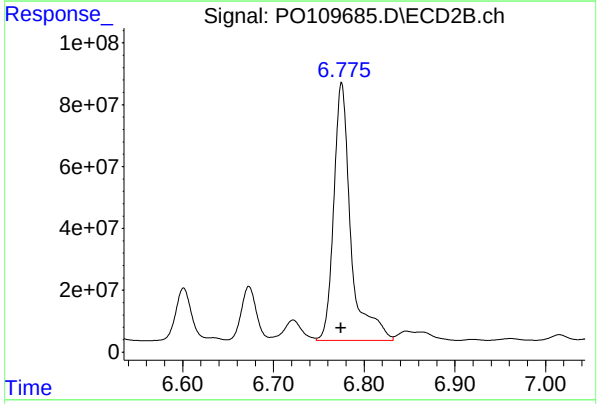
R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 228267970
Conc: 1181.98 ng/ml



#30 AR-1254-5

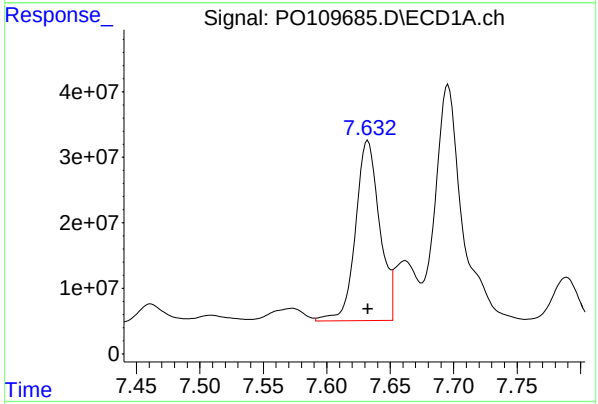
R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 2052508727
Conc: 3289.79 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-2C



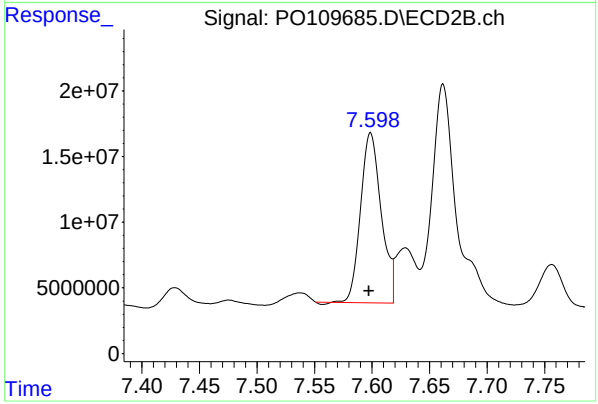
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 1091053669
Conc: 3676.90 ng/ml



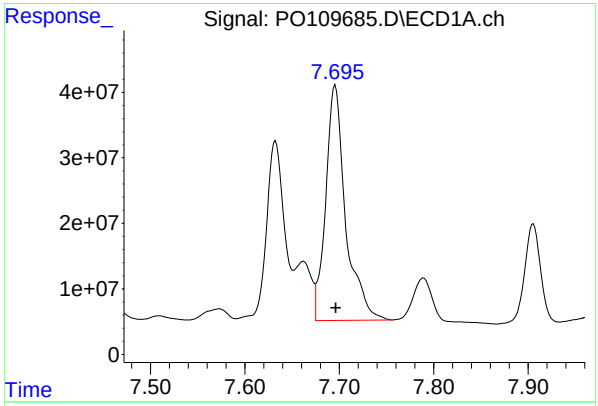
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 362725552
Conc: 273.92 ng/ml



#41 AR-1268-1

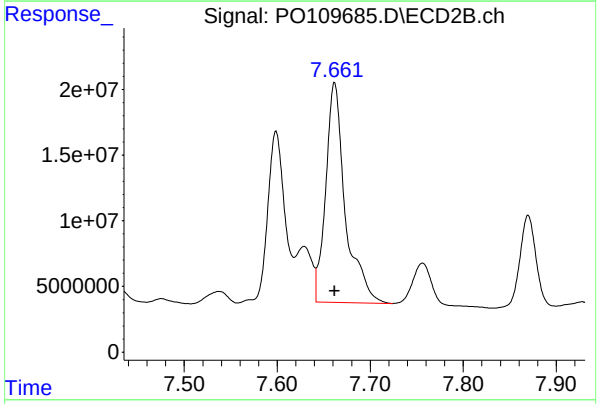
R.T.: 7.599 min
Delta R.T.: 0.001 min
Response: 161343900
Conc: 282.36 ng/ml



#42 AR-1268-2

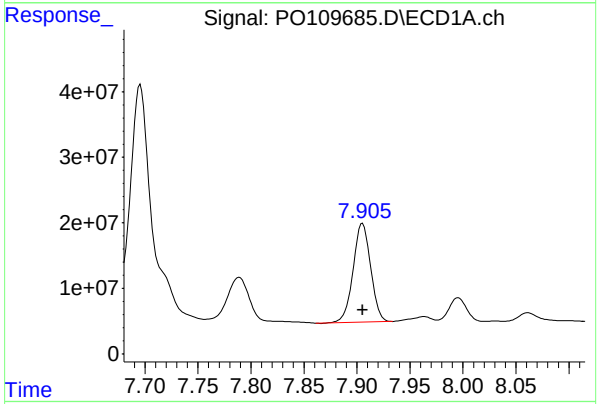
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 525310386
Conc: 434.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2C



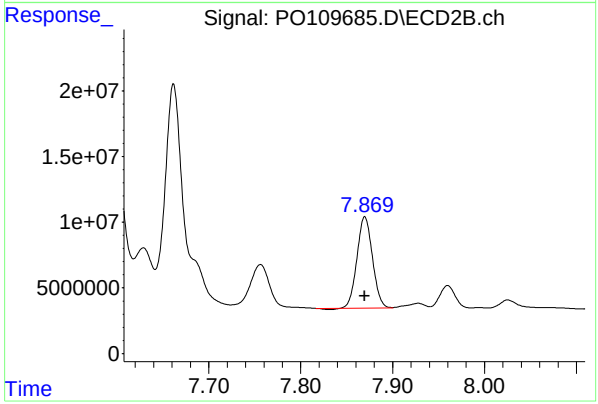
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 245457031
Conc: 467.59 ng/ml



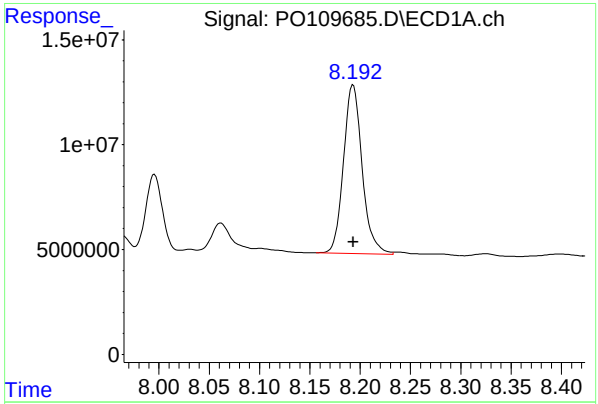
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 173007254
Conc: 169.92 ng/ml



#43 AR-1268-3

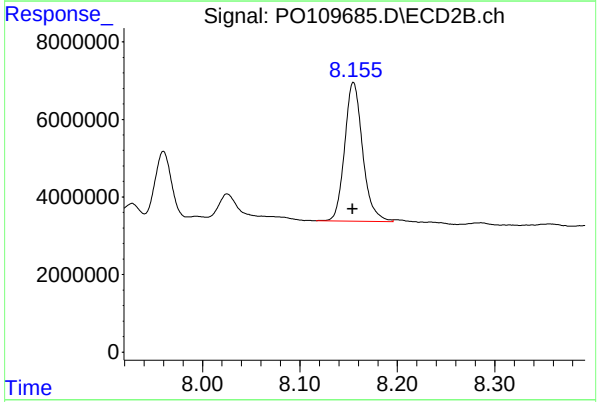
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 81266877
Conc: 189.86 ng/ml



#44 AR-1268-4

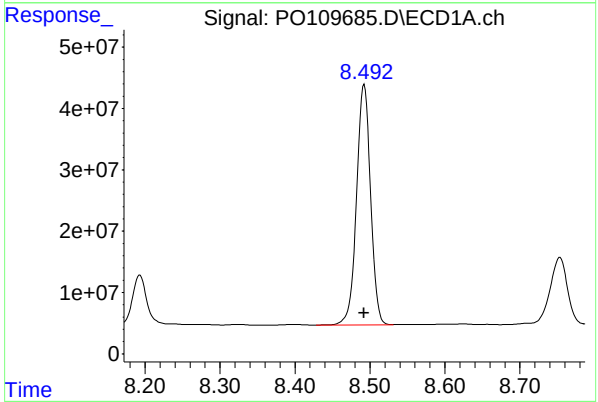
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 103634461
Conc: 243.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2C



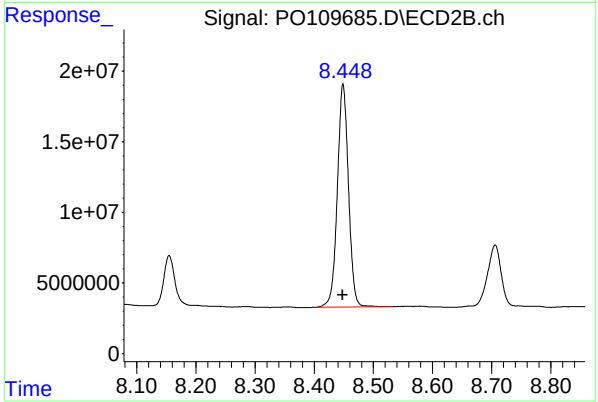
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 45957894
Conc: 284.86 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 509280507
Conc: 168.66 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 206376816
Conc: 188.79 ng/ml

Raw Data: **PO109703.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:	K084-2CDL	SDG No.:	Q1433
Lab Sample ID:	Q1433-06DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	72.4 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
PO109703.D	2	03/06/25 11:40	03/07/25 10:29	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	9.40	UD	9.40	46.9	ug/kg
11104-28-2	Aroclor-1221	17.7	UD	17.7	46.9	ug/kg
11141-16-5	Aroclor-1232	9.40	UD	9.40	46.9	ug/kg
53469-21-9	Aroclor-1242	9.40	UD	9.40	46.9	ug/kg
12672-29-6	Aroclor-1248	21.8	UD	21.8	46.9	ug/kg
11097-69-1	Aroclor-1254	715	D	7.50	46.9	ug/kg
37324-23-5	Aroclor-1262	12.6	UD	12.6	46.9	ug/kg
11100-14-4	Aroclor-1268	142	D	9.50	46.9	ug/kg
11096-82-5	Aroclor-1260	8.00	UD	8.00	46.9	ug/kg
Total PCBs	Total PCBs	856	D	17.0	46.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.3		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.8		32 - 175	119%	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 : PO109703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:29
Operator : YP/AJ
Sample : Q1433-06DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-2CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:45:34 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...	3.694	3.693	85035784	47830682	8.984	9.138
2)	SA Decachlor...	8.751	8.703	92612916	37962860	10.767	11.922
	Target Compounds						
26)	L6 AR-1254-1	5.597	5.578	122.9E6	66242859	238.396	253.282
27)	L6 AR-1254-2	5.746	5.725	207.0E6	111.2E6	459.705	473.972
28)	L6 AR-1254-3	6.152	6.128	443.7E6	236.0E6	619.787	661.631
29)	L6 AR-1254-4	6.382	6.356	244.5E6	123.0E6	583.906	637.097
30)	L6 AR-1254-5	6.802	6.773	1071.9E6	551.3E6	1718.073	1857.918
41)	L9 AR-1268-1	7.630	7.597	199.3E6	89004110	150.521	155.762
42)	L9 AR-1268-2	7.692	7.659	288.4E6	133.3E6	238.548	253.945
43)	L9 AR-1268-3	7.902	7.868	99511318	44427617	97.735	103.792
44)	L9 AR-1268-4	8.190	8.153	57842316	25107226	136.145	155.622
45)	L9 AR-1268-5	8.489	8.446	270.2E6	110.6E6	89.497	101.167

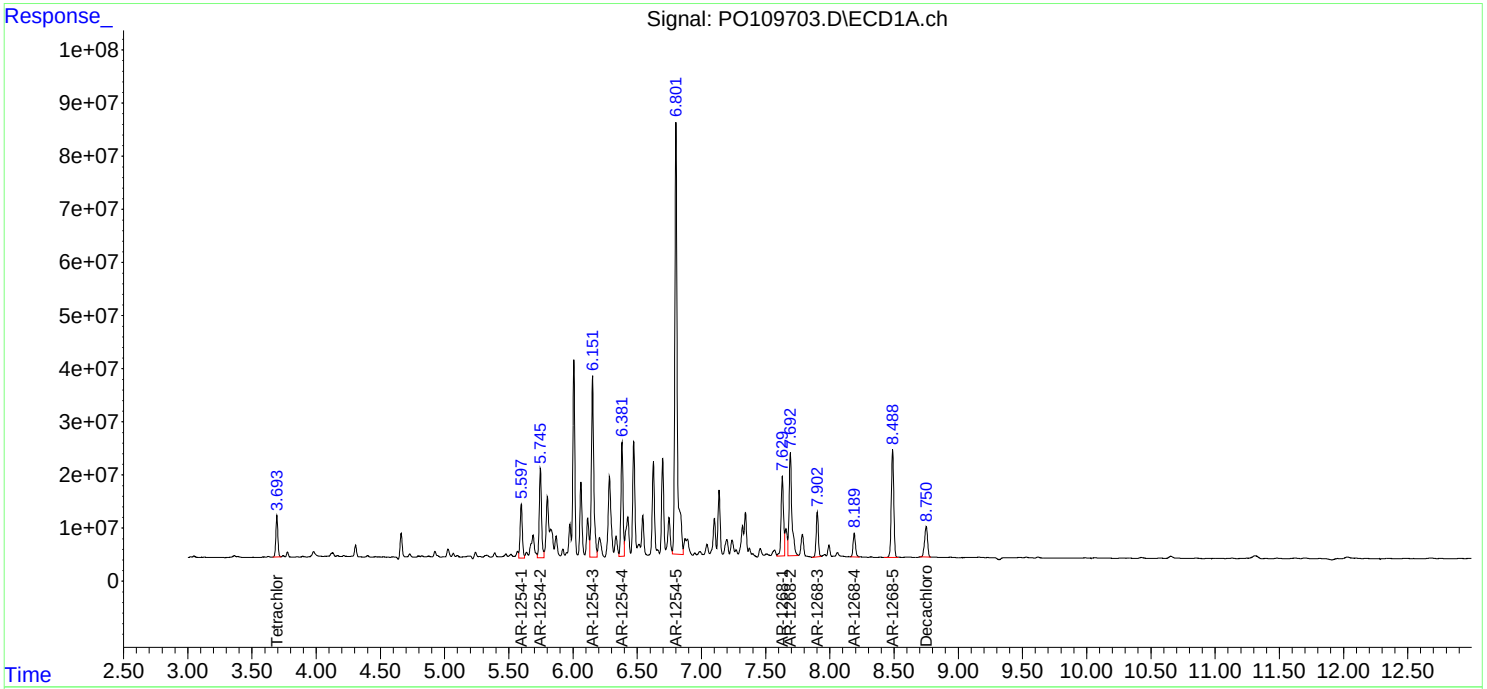
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

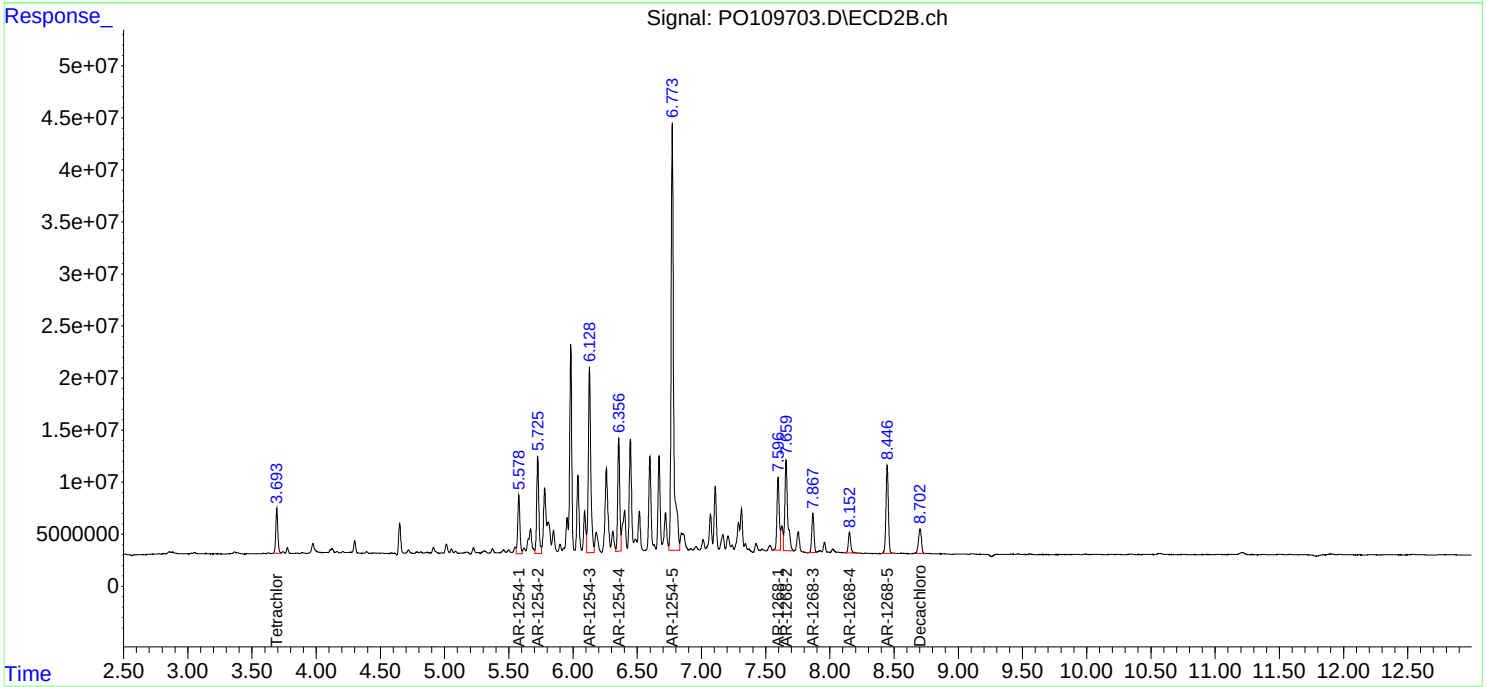
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:29
Operator : YP/AJ
Sample : Q1433-06DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

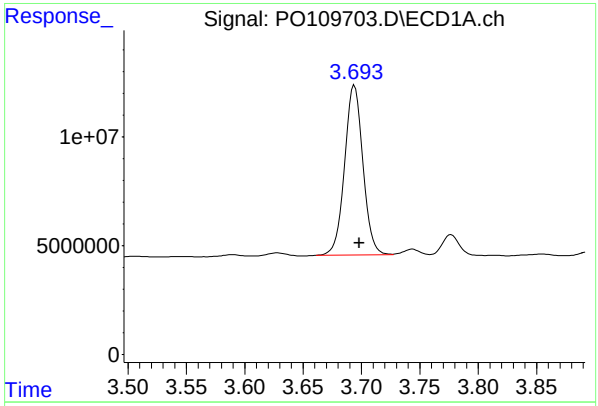
Instrument :
ECD_O
ClientSampleId :
K084-2CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:45:34 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



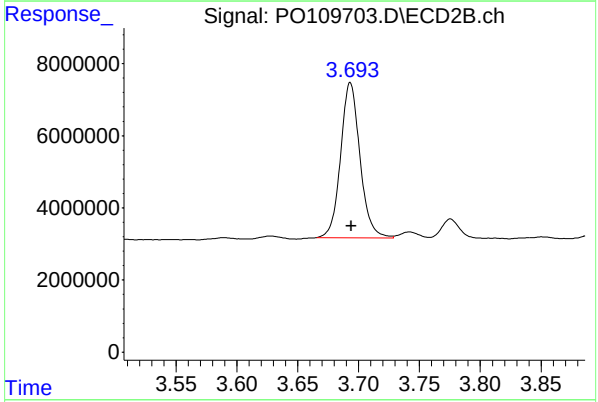




#1 Tetrachloro-m-xylene

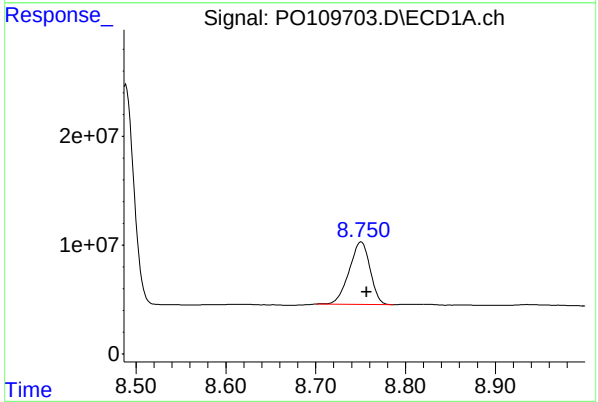
R.T.: 3.694 min
Delta R.T.: -0.004 min
Response: 85035784
Conc: 8.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2CDL



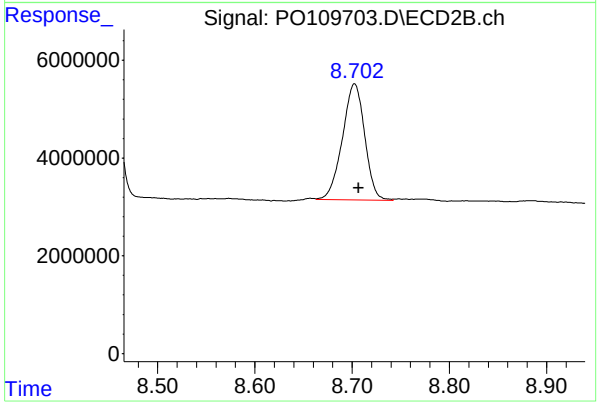
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 47830682
Conc: 9.14 ng/ml



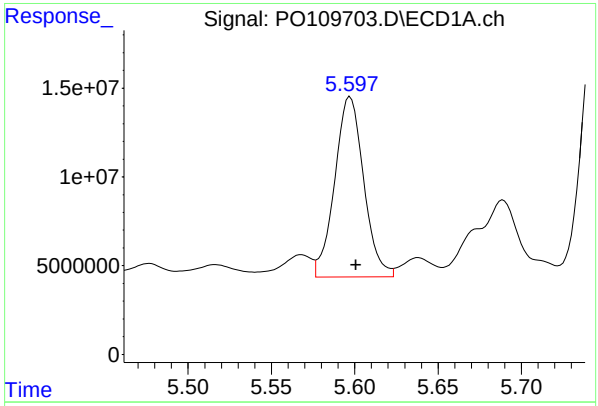
#2 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.006 min
Response: 92612916
Conc: 10.77 ng/ml



#2 Decachlorobiphenyl

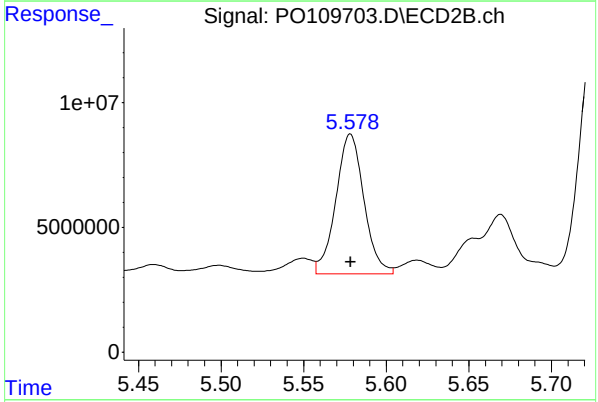
R.T.: 8.703 min
Delta R.T.: -0.004 min
Response: 37962860
Conc: 11.92 ng/ml



#26 AR-1254-1

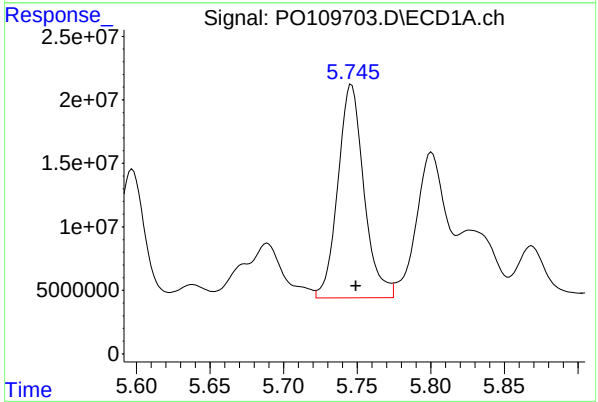
R.T.: 5.597 min
Delta R.T.: -0.003 min
Response: 122918509
Conc: 238.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2CDL



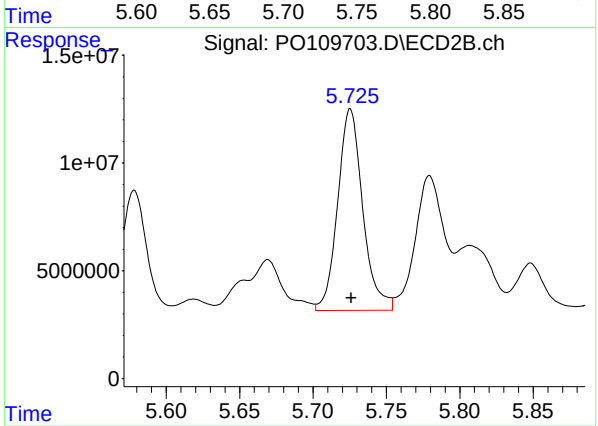
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 66242859
Conc: 253.28 ng/ml



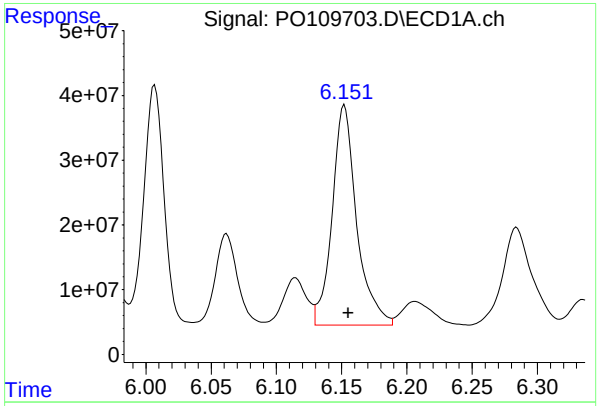
#27 AR-1254-2

R.T.: 5.746 min
Delta R.T.: -0.003 min
Response: 207039528
Conc: 459.71 ng/ml



#27 AR-1254-2

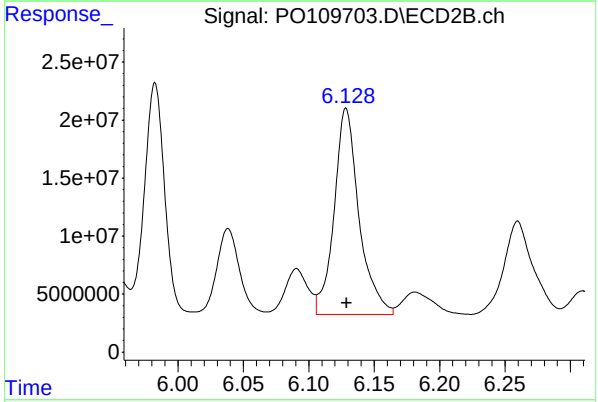
R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 111175509
Conc: 473.97 ng/ml



#28 AR-1254-3

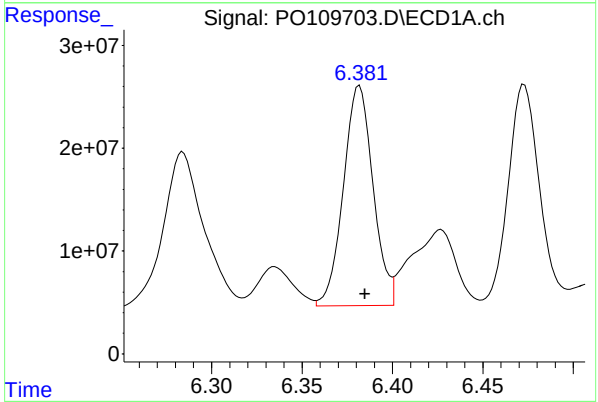
R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 443739915
Conc: 619.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2CDL



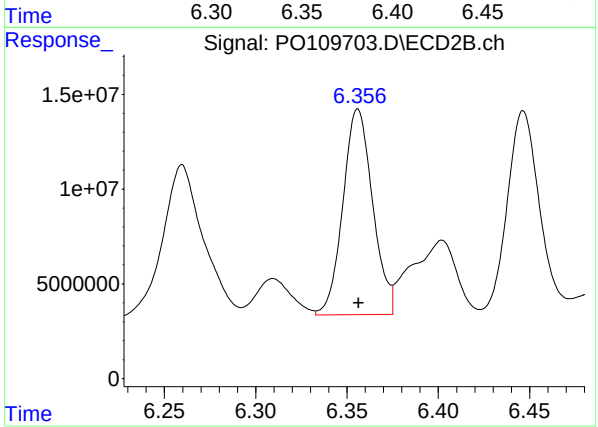
#28 AR-1254-3

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 236006809
Conc: 661.63 ng/ml



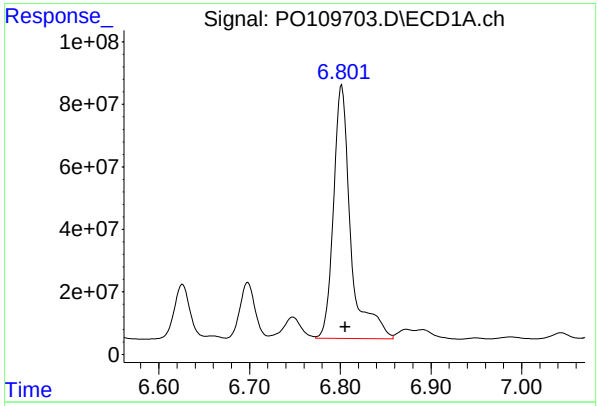
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 244534843
Conc: 583.91 ng/ml



#29 AR-1254-4

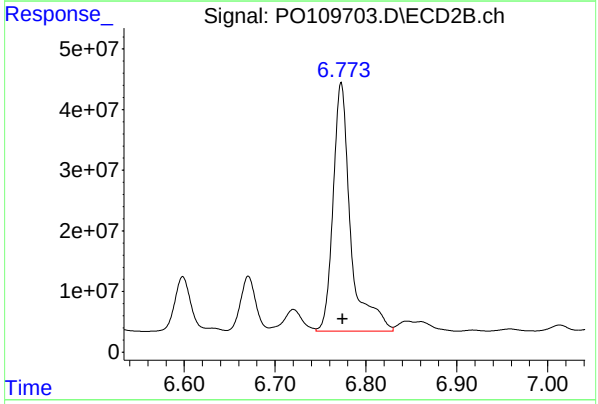
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 123038374
Conc: 637.10 ng/ml



#30 AR-1254-5

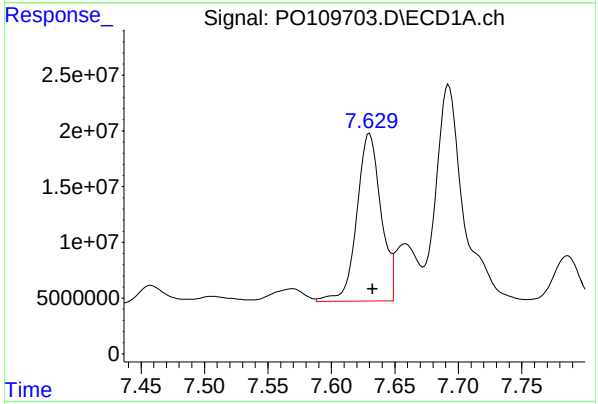
R.T.: 6.802 min
Delta R.T.: -0.004 min
Response: 1071910713
Conc: 1718.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2CDL



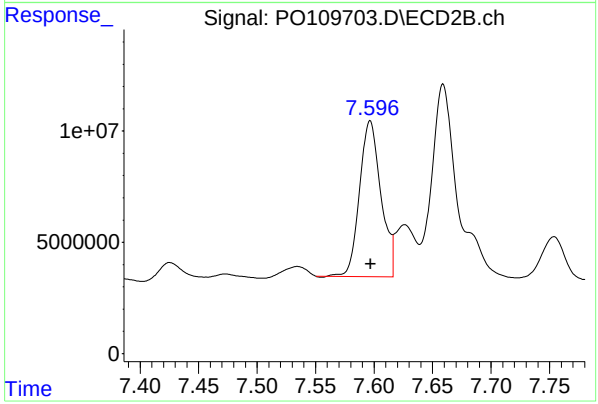
#30 AR-1254-5

R.T.: 6.773 min
Delta R.T.: -0.002 min
Response: 551304110
Conc: 1857.92 ng/ml



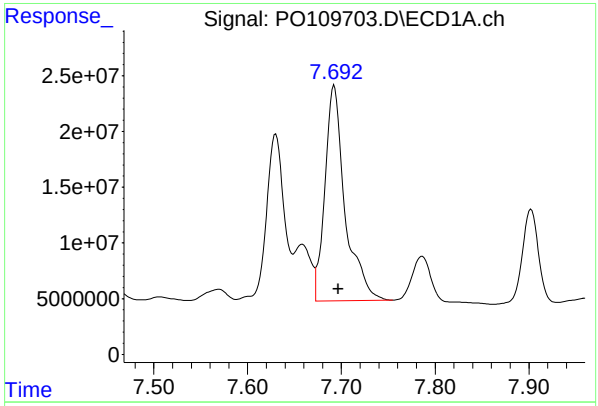
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 199323306
Conc: 150.52 ng/ml



#41 AR-1268-1

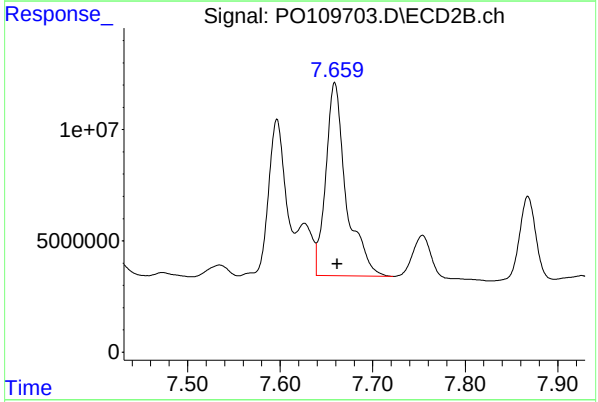
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 89004110
Conc: 155.76 ng/ml



#42 AR-1268-2

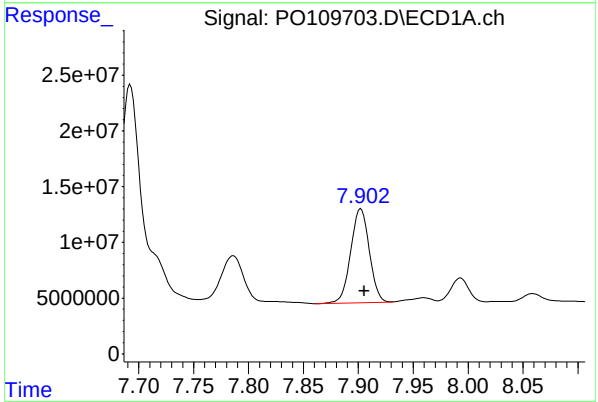
R.T.: 7.692 min
Delta R.T.: -0.004 min
Response: 288429878
Conc: 238.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2CDL



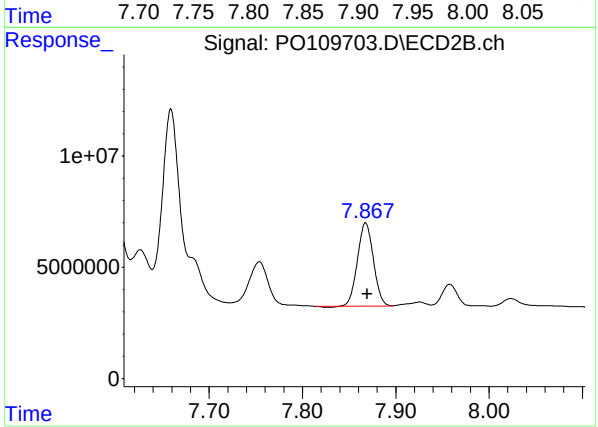
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 133306831
Conc: 253.94 ng/ml



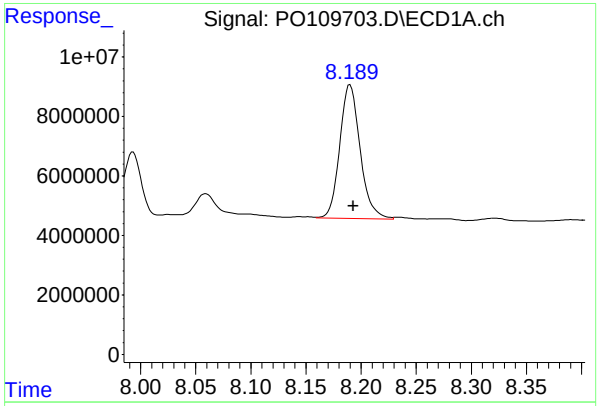
#43 AR-1268-3

R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 99511318
Conc: 97.73 ng/ml



#43 AR-1268-3

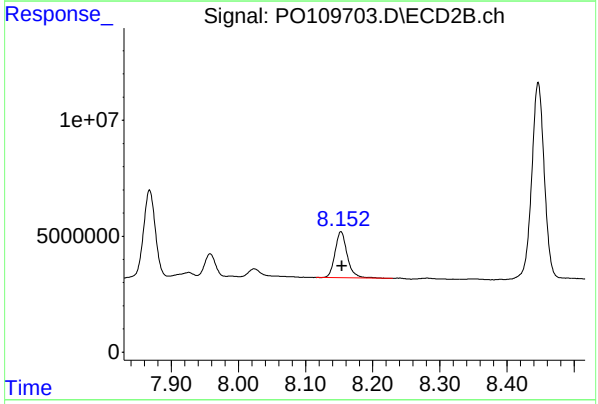
R.T.: 7.868 min
Delta R.T.: -0.002 min
Response: 44427617
Conc: 103.79 ng/ml



#44 AR-1268-4

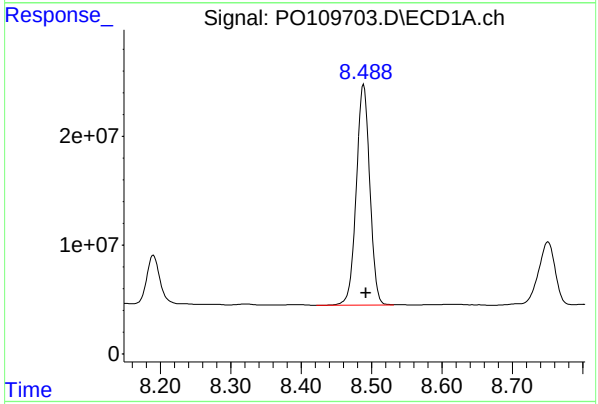
R.T.: 8.190 min
Delta R.T.: -0.003 min
Response: 57842316
Conc: 136.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-2CDL



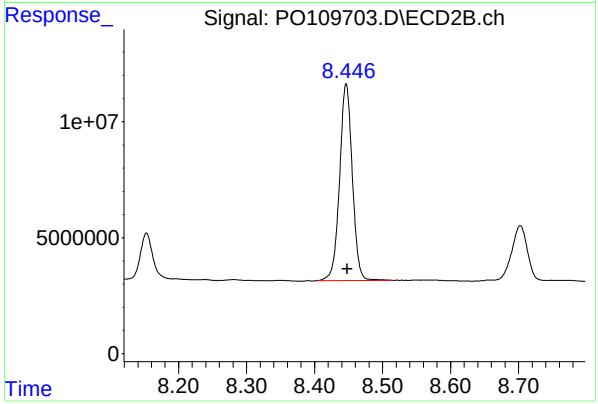
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 25107226
Conc: 155.62 ng/ml



#45 AR-1268-5

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 270249097
Conc: 89.50 ng/ml



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 110590050
Conc: 101.17 ng/ml

Raw Data: **PO109557.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:	K084-3A	SDG No.:	Q1433
Lab Sample ID:	Q1433-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.4 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
PO109557.D	1	02/27/25 09:15	02/28/25 02:45	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.70	U	3.70	18.3	ug/kg
11104-28-2	Aroclor-1221	6.90	U	6.90	18.3	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.3	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.3	ug/kg
12672-29-6	Aroclor-1248	8.50	U	8.50	18.3	ug/kg
11097-69-1	Aroclor-1254	5200	EP	2.90	18.3	ug/kg
37324-23-5	Aroclor-1262	4.90	U	4.90	18.3	ug/kg
11100-14-4	Aroclor-1268	1100	E	3.70	18.3	ug/kg
11096-82-5	Aroclor-1260	3.10	U	3.10	18.3	ug/kg
Total PCBs	Total PCBs	6300	E	6.60	18.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.9		32 - 144	130%	SPK: 20
2051-24-3	Decachlorobiphenyl	371	*	32 - 175	1855%	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: **PO109557.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 02:45
Operator : YP/AJ
Sample : Q1433-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-3A

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 09:26:33 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	231.8E6	135.7E6	24.492m	25.916m
2)	SA Decachlor...	8.755	8.707	3112.6E6	1181.5E6	361.853	371.039
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.581	2194.0E6	1270.9E6	4255.274	4859.245
27)	L6 AR-1254-2	5.750	5.728	3554.2E6	2052.9E6	7891.699	8752.101
28)	L6 AR-1254-3	6.156	6.131	7292.6E6	4241.8E6	10185.882	11891.547
29)	L6 AR-1254-4	6.385	6.359	4845.1E6	2702.3E6	11569.130	13992.645
30)	L6 AR-1254-5	6.804	6.776	13332.4E6	9583.3E6	21369.391	32296.074 #
41)	L9 AR-1268-1	7.633	7.599	2913.5E6	1350.4E6	2200.189	2363.352
42)	L9 AR-1268-2	7.696	7.663	3390.2E6	1614.0E6	2803.855	3074.662
43)	L9 AR-1268-3	7.906	7.871	3630.1E6	1644.0E6	3565.317	3840.619
44)	L9 AR-1268-4	8.194	8.156	952.0E6	413.5E6	2240.721	2563.186
45)	L9 AR-1268-5	8.493	8.450	11382.4E6	4484.4E6	3769.445	4102.297

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 02:45
Operator : YP/AJ
Sample : Q1433-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

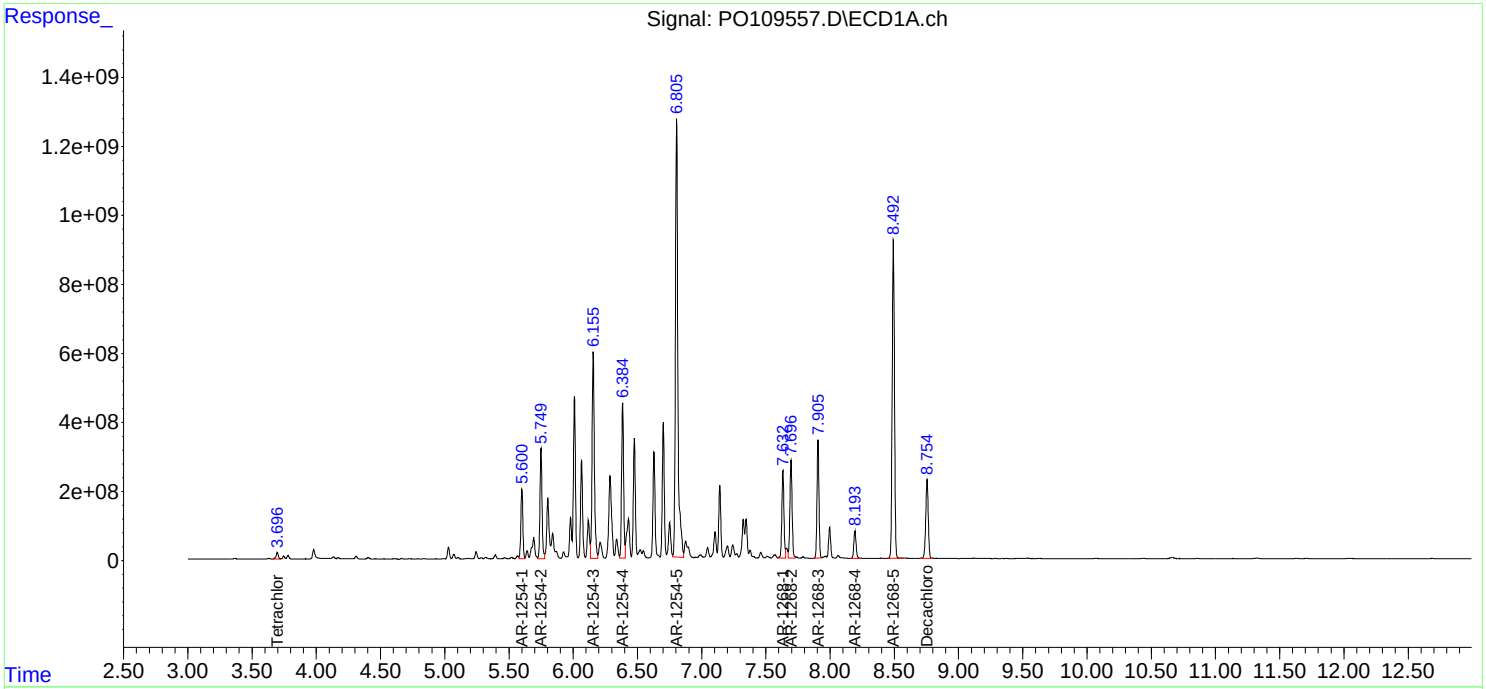
Instrument :
ECD_O
ClientSampleId :
K084-3A

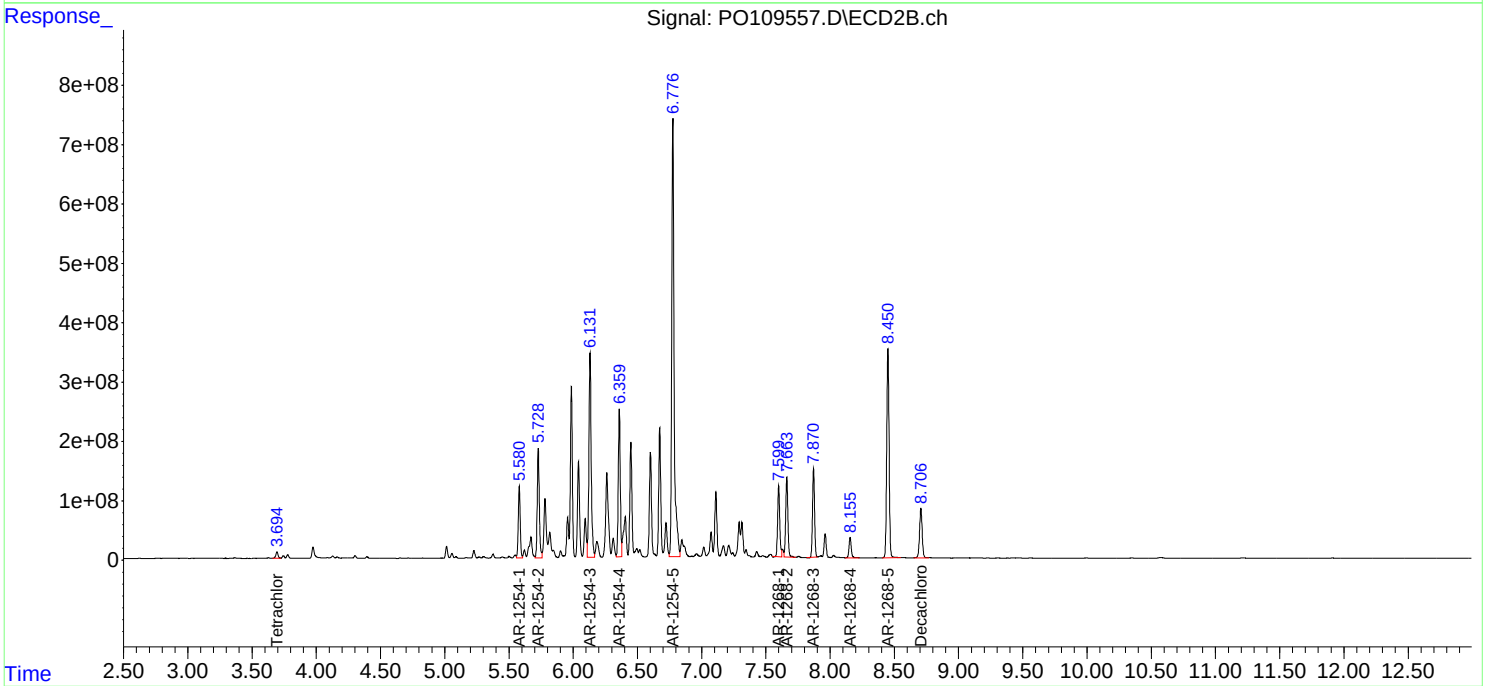
Manual Integrations APPROVED

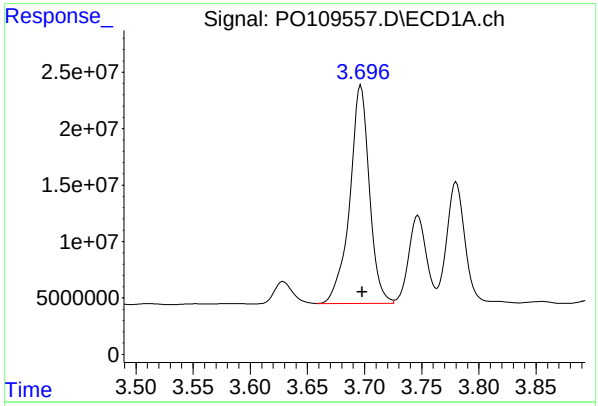
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:26:33 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







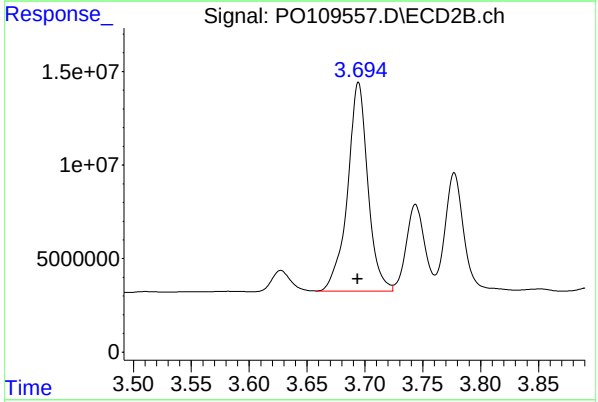
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 231821693
Conc: 24.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3A

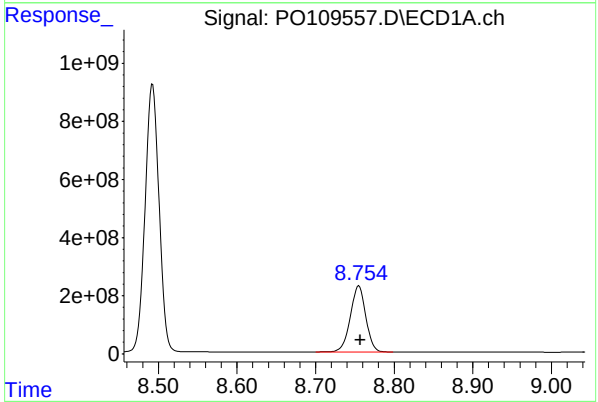
Manual Integrations APPROVED

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



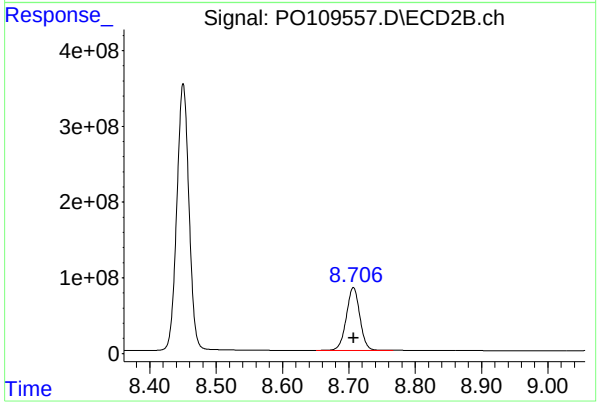
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 135651161
Conc: 25.92 ng/ml m



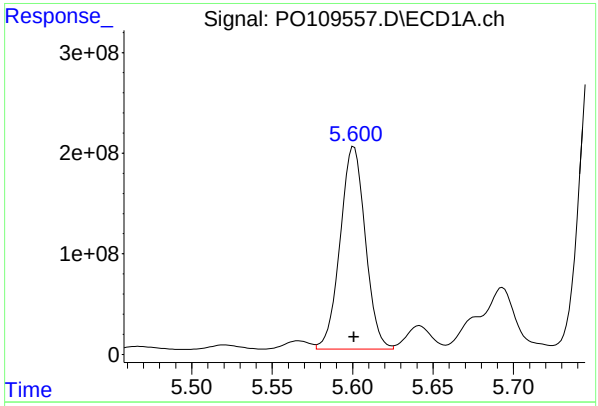
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 3112612376
Conc: 361.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 1181483339
Conc: 371.04 ng/ml



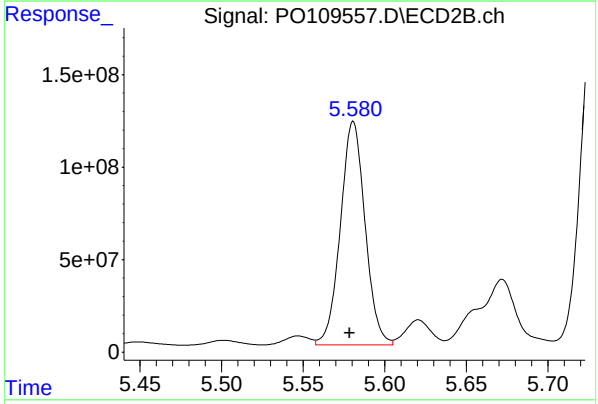
#26 AR-1254-1

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 2194047572
Conc: 4255.27 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3A

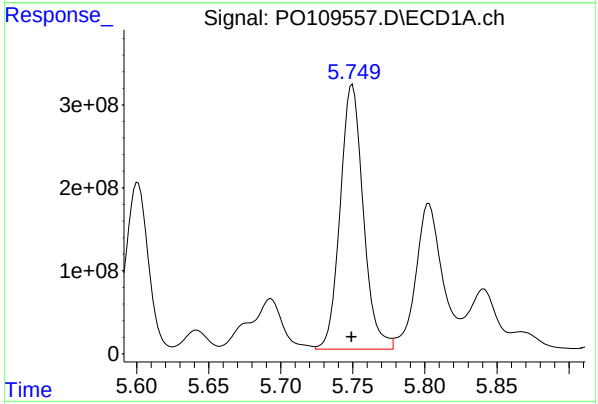
Manual Integrations APPROVED

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



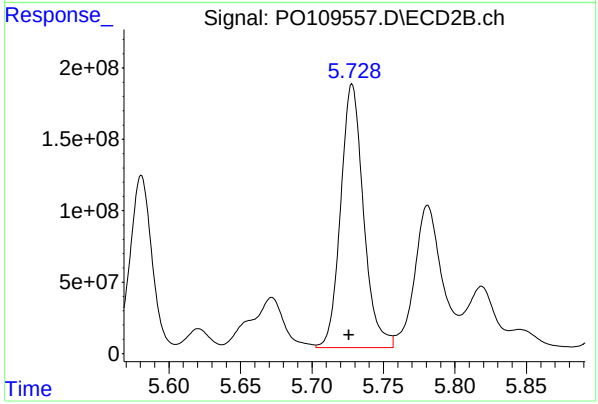
#26 AR-1254-1

R.T.: 5.581 min
Delta R.T.: 0.002 min
Response: 1270878825
Conc: 4859.25 ng/ml



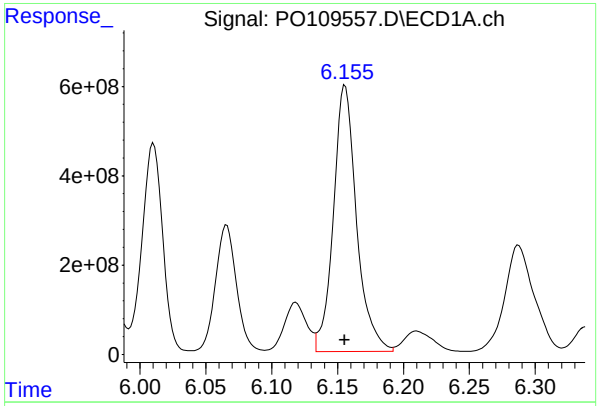
#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 3554220177
Conc: 7891.70 ng/ml



#27 AR-1254-2

R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 2052905462
Conc: 8752.10 ng/ml



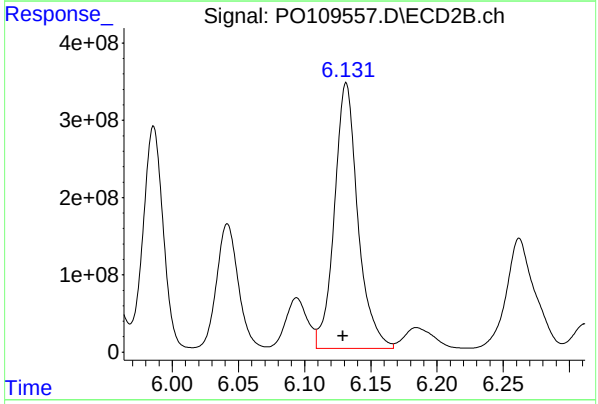
#28 AR-1254-3

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 7292637365
Conc: 10185.88 ng/

Instrument :
ECD_O
ClientSampleId :
K084-3A

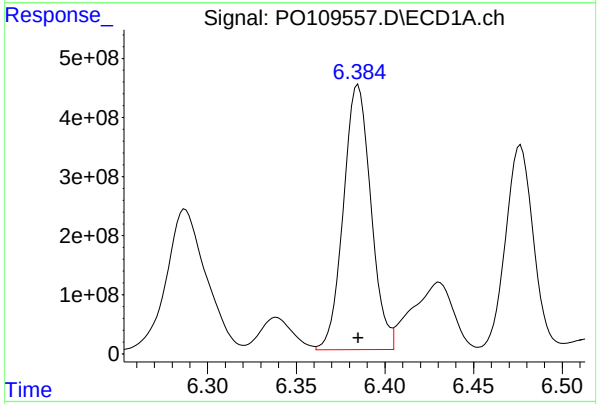
Manual Integrations
APPROVED

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



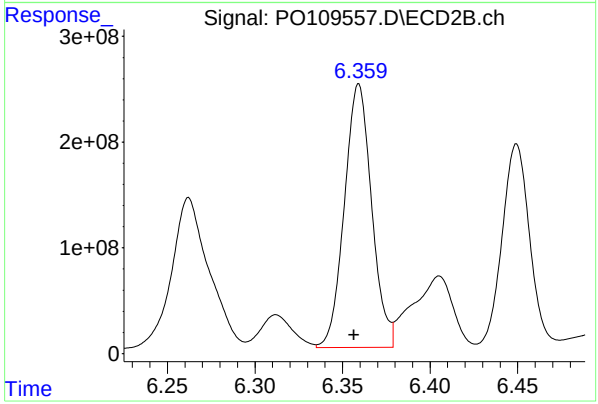
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 4241768993
Conc: 11891.55 ng/ml



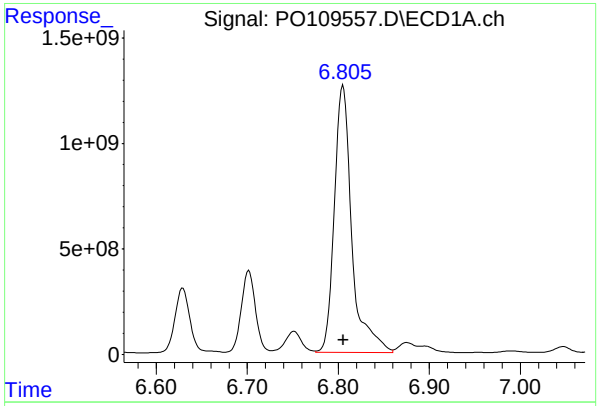
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 4845053390
Conc: 11569.13 ng/ml



#29 AR-1254-4

R.T.: 6.359 min
Delta R.T.: 0.003 min
Response: 2702307265
Conc: 13992.65 ng/ml



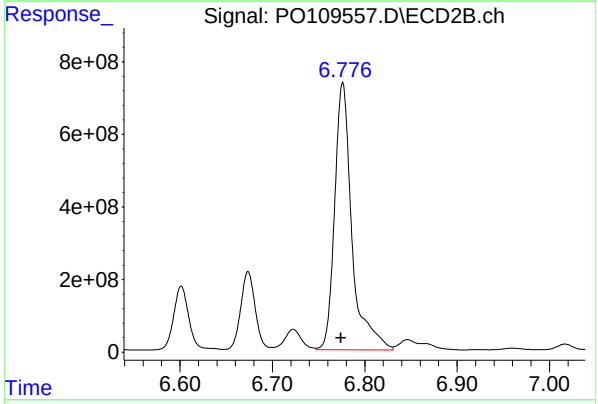
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 13332426162
Conc: 21369.39 ng/

Instrument :
ECD_O
ClientSampleId :
K084-3A

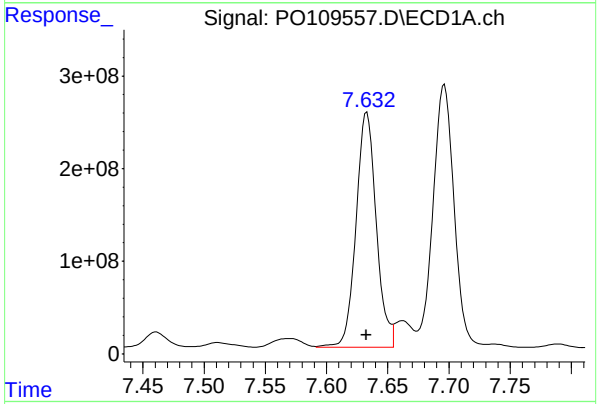
Manual Integrations
APPROVED

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



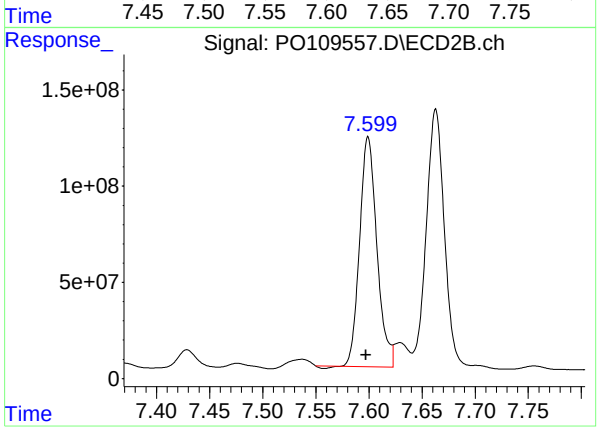
#30 AR-1254-5

R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 9583286320
Conc: 32296.07 ng/ml



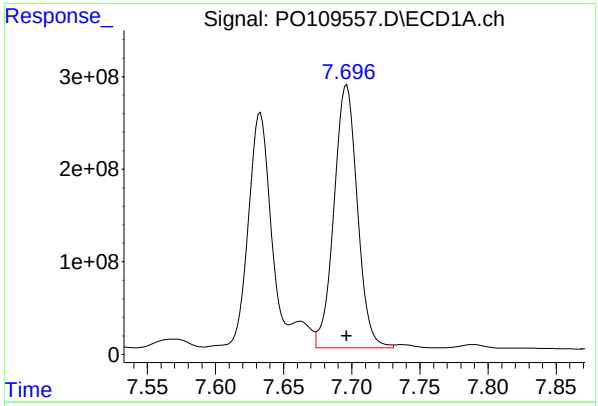
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 2913530360
Conc: 2200.19 ng/ml



#41 AR-1268-1

R.T.: 7.599 min
Delta R.T.: 0.002 min
Response: 1350448273
Conc: 2363.35 ng/ml



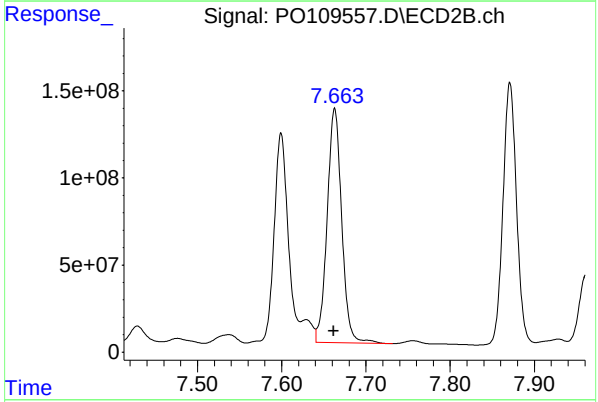
#42 AR-1268-2

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 3390158979
Conc: 2803.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3A

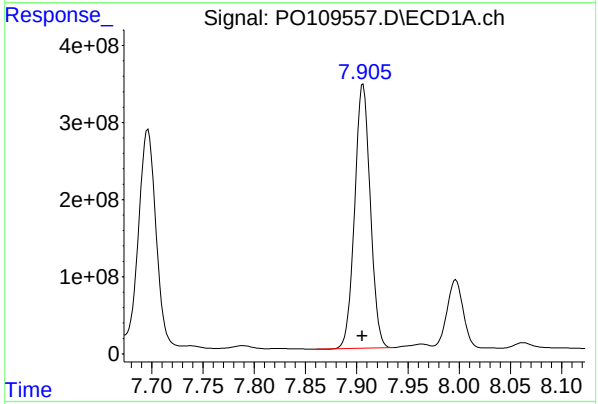
Manual Integrations APPROVED

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



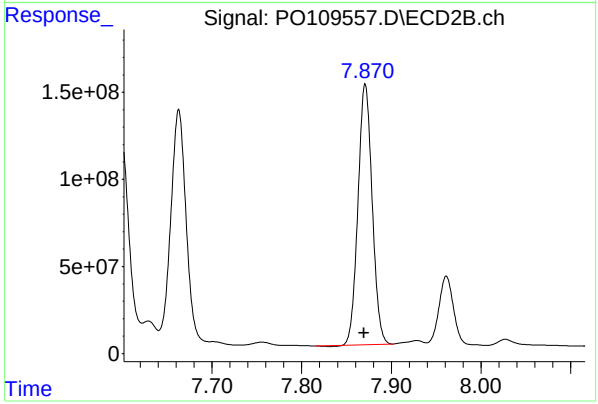
#42 AR-1268-2

R.T.: 7.663 min
Delta R.T.: 0.001 min
Response: 1614024646
Conc: 3074.66 ng/ml



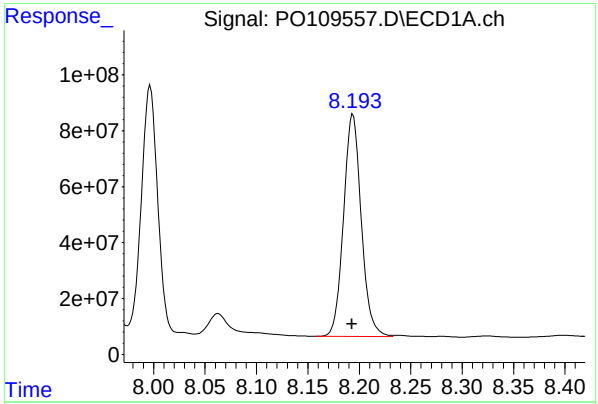
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 3630127435
Conc: 3565.32 ng/ml



#43 AR-1268-3

R.T.: 7.871 min
Delta R.T.: 0.001 min
Response: 1643952725
Conc: 3840.62 ng/ml



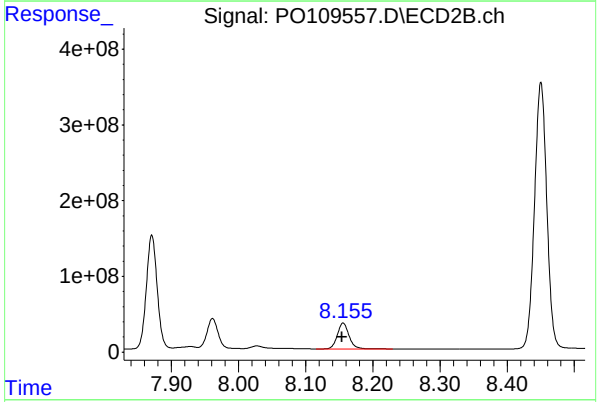
#44 AR-1268-4

R.T.: 8.194 min
Delta R.T.: 0.000 mi
Response: 951990151
Conc: 2240.72 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3A

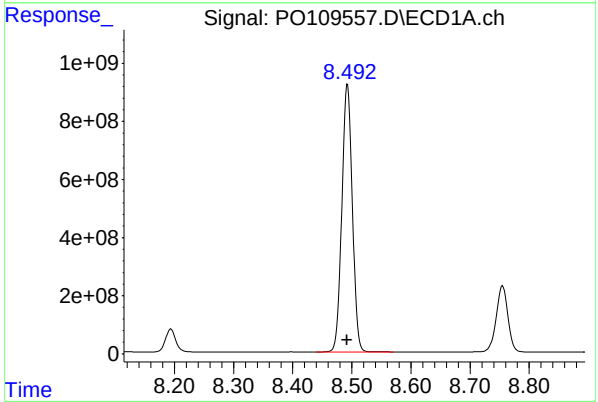
Manual Integrations
APPROVED

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



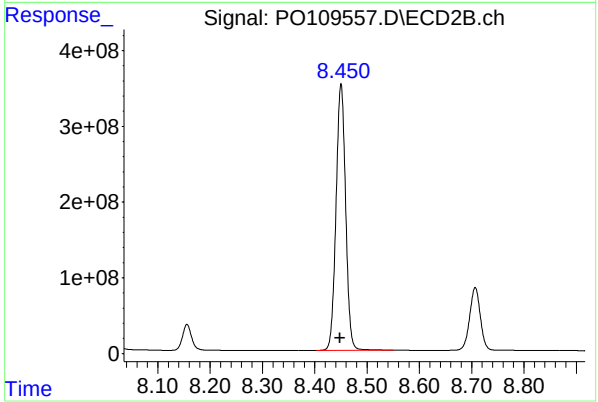
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 413531818
Conc: 2563.19 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 11382410584
Conc: 3769.45 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.002 min
Response: 4484402657
Conc: 4102.30 ng/ml

Raw Data: **PO109595.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:	K084-3ADL	SDG No.:	Q1433
Lab Sample ID:	Q1433-07DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.4 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
PO109595.D	5	02/27/25 09:15	02/28/25 16:18	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	18.3	UD	18.3	91.7	ug/kg
11104-28-2	Aroclor-1221	34.6	UD	34.6	91.7	ug/kg
11141-16-5	Aroclor-1232	18.3	UD	18.3	91.7	ug/kg
53469-21-9	Aroclor-1242	18.3	UD	18.3	91.7	ug/kg
12672-29-6	Aroclor-1248	42.6	UD	42.6	91.7	ug/kg
11097-69-1	Aroclor-1254	6000	ED	14.7	91.7	ug/kg
37324-23-5	Aroclor-1262	24.7	UD	24.7	91.7	ug/kg
11100-14-4	Aroclor-1268	1400	D	18.5	91.7	ug/kg
11096-82-5	Aroclor-1260	15.7	UD	15.7	91.7	ug/kg
Total PCBs	Total PCBs	7400	D	33.2	91.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	31.4	*	32 - 144	157%	SPK: 20
2051-24-3	Decachlorobiphenyl	445	*	32 - 175	2223%	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: **PO109595.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 16:18
Operator : YP/AJ
Sample : Q1433-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-3ADL

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:26:00 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	3.692	55868504	32854847	5.903	6.277m
2)	SA Decachlor...	8.753	8.706	724.3E6	283.2E6	84.205	88.925
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.579	565.5E6	314.7E6	1096.860	1203.304
27)	L6 AR-1254-2	5.749	5.727	901.1E6	501.2E6	2000.711	2136.877
28)	L6 AR-1254-3	6.155	6.130	1840.2E6	1005.5E6	2570.323	2818.858
29)	L6 AR-1254-4	6.384	6.357	1174.8E6	614.0E6	2805.162	3179.091
30)	L6 AR-1254-5	6.804	6.775	4180.5E6	2191.5E6	6700.542	7385.611
41)	L9 AR-1268-1	7.631	7.598	700.7E6	331.6E6	529.141	580.311
42)	L9 AR-1268-2	7.695	7.661	808.3E6	391.0E6	668.480	744.814
43)	L9 AR-1268-3	7.905	7.870	849.9E6	388.9E6	834.749	908.479
44)	L9 AR-1268-4	8.192	8.155	234.1E6	103.6E6	551.099	642.082
45)	L9 AR-1268-5	8.492	8.448	2587.2E6	1022.2E6	856.799	935.119

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 16:18
Operator : YP/AJ
Sample : Q1433-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

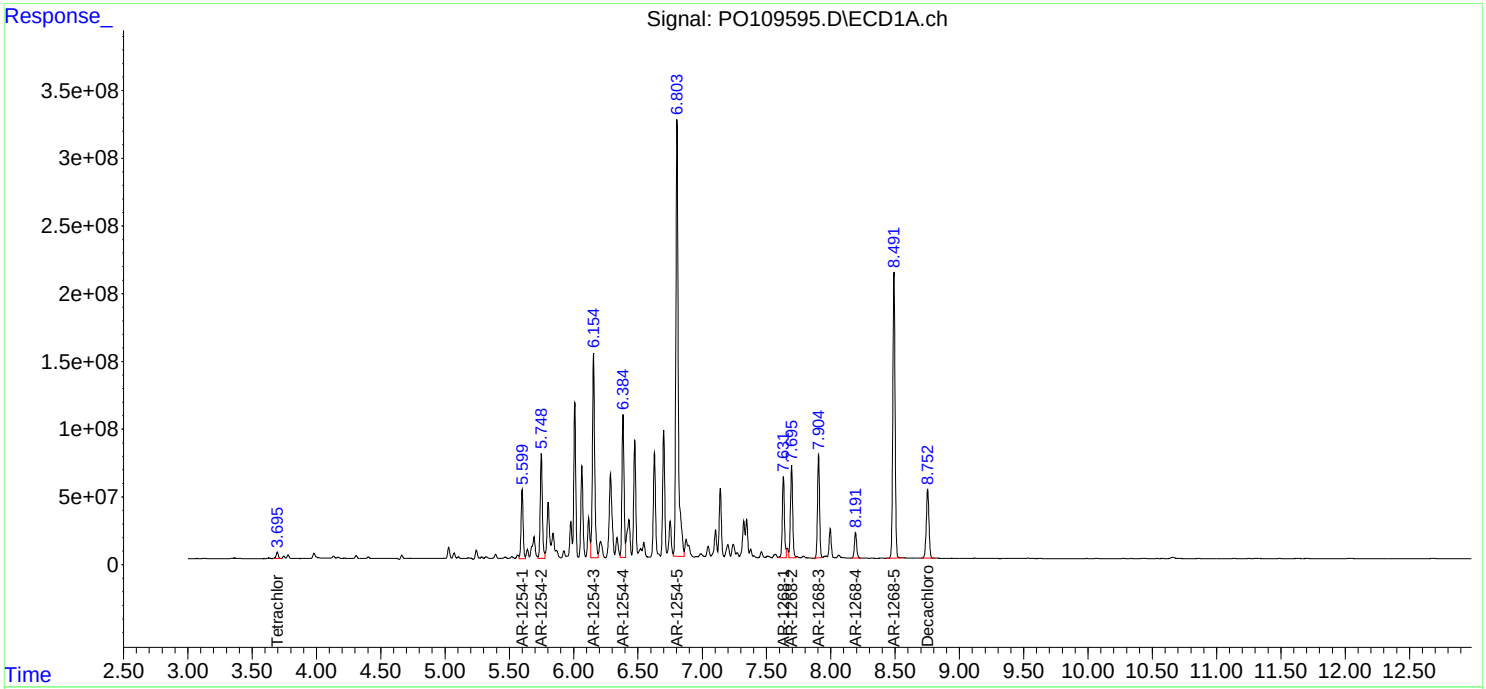
Instrument :
ECD_O
ClientSampleId :
K084-3ADL

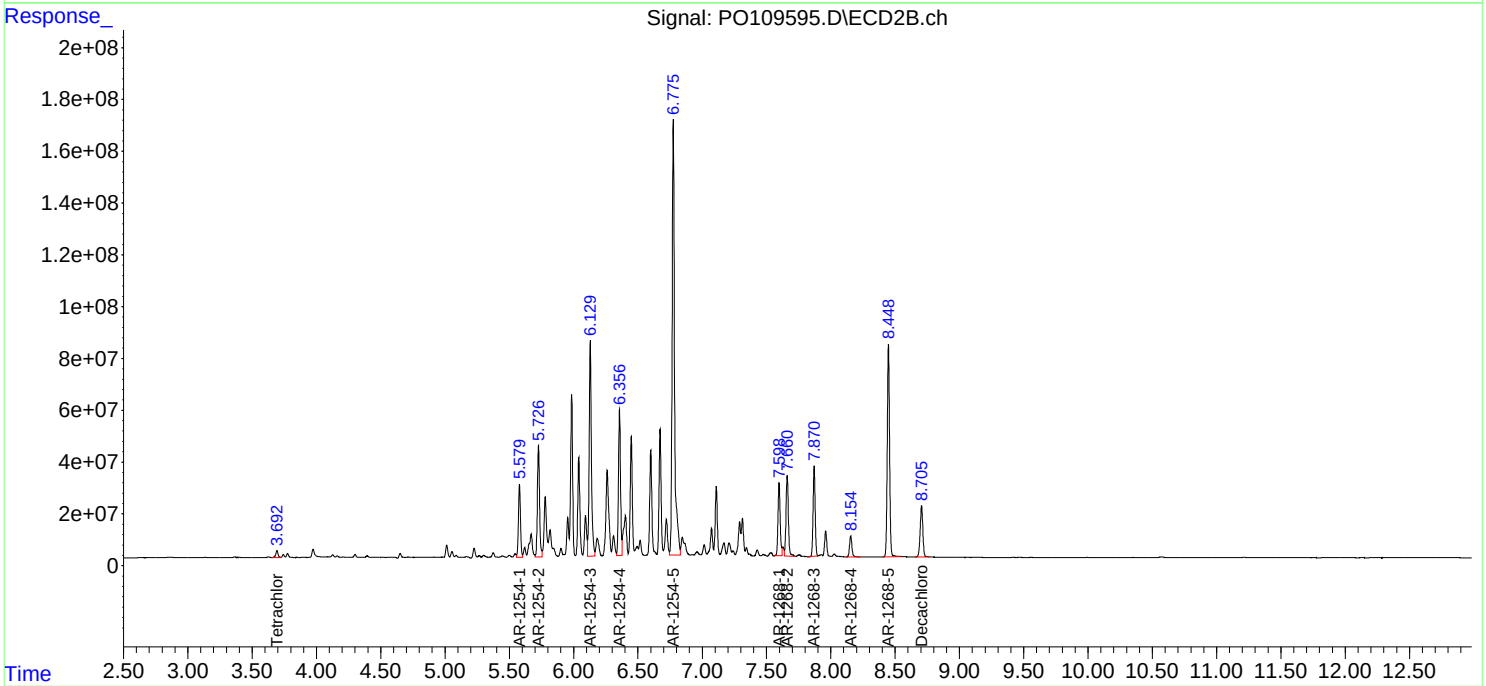
Manual Integrations APPROVED

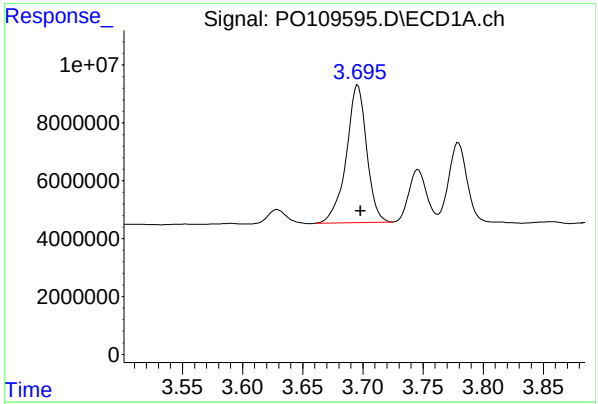
Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:26:00 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







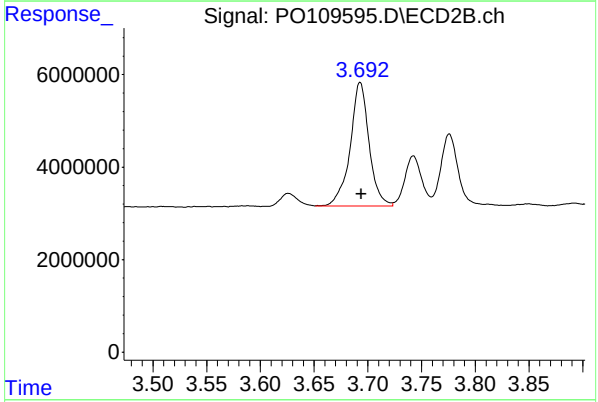
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 mi
Response: 55868504
Conc: 5.90 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3ADL

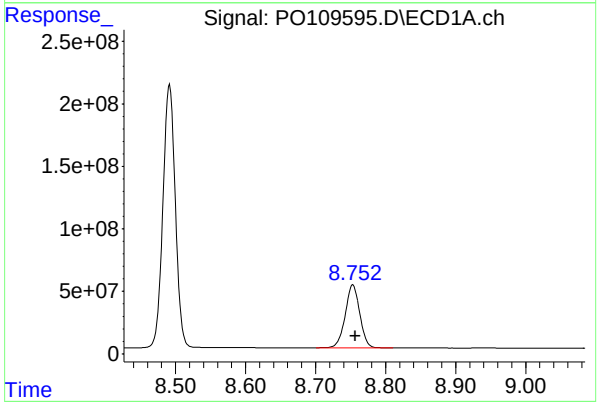
Manual Integrations APPROVED

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



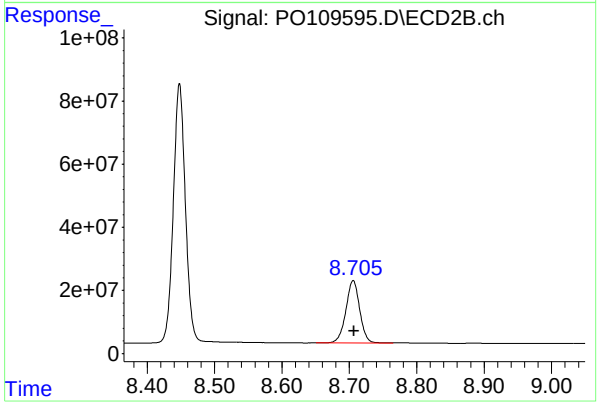
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: -0.001 min
Response: 32854847
Conc: 6.28 ng/ml m



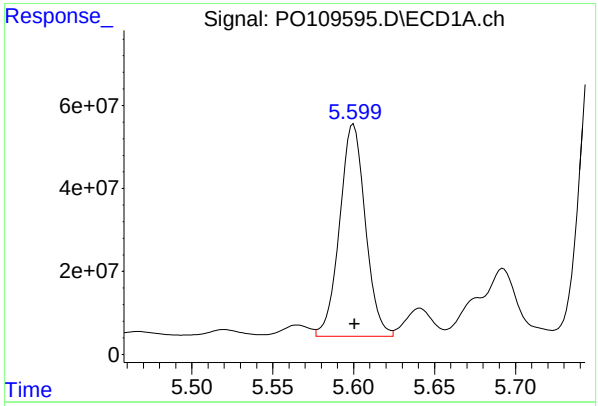
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 724320095
Conc: 84.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 283159801
Conc: 88.92 ng/ml



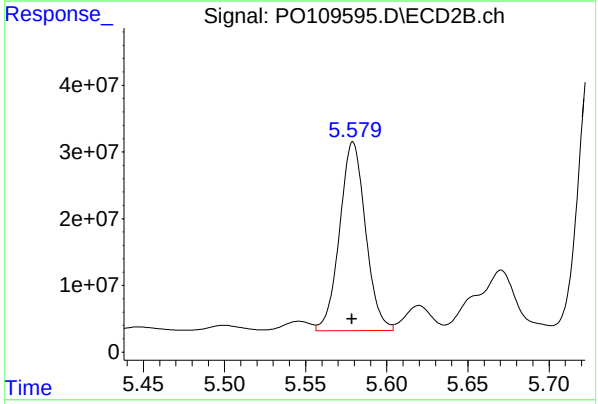
#26 AR-1254-1

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 565548231
Conc: 1096.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3ADL

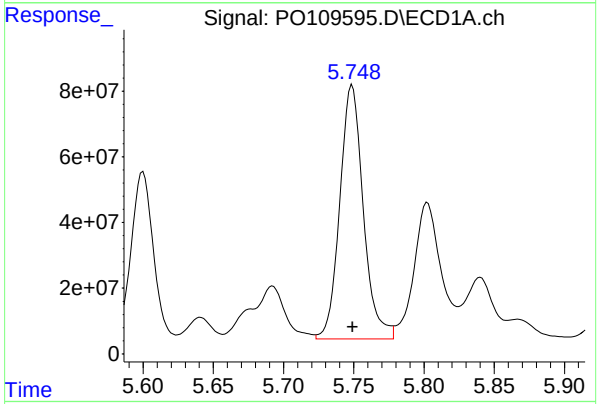
Manual Integrations APPROVED

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



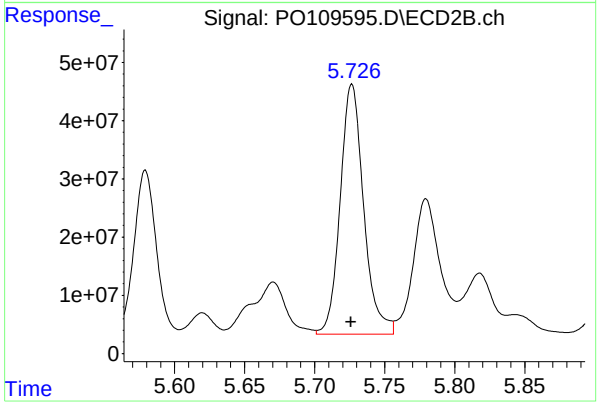
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 314710128
Conc: 1203.30 ng/ml



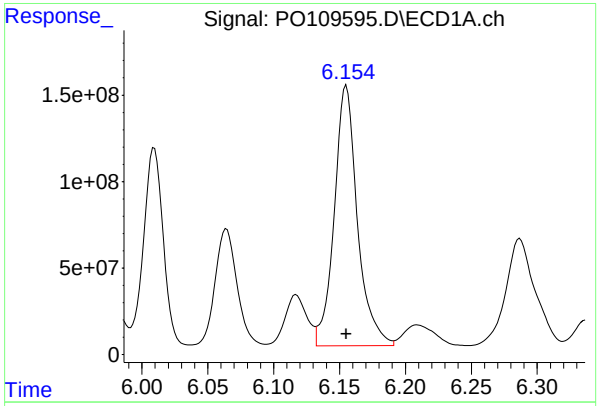
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 901069496
Conc: 2000.71 ng/ml



#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 501229070
Conc: 2136.88 ng/ml



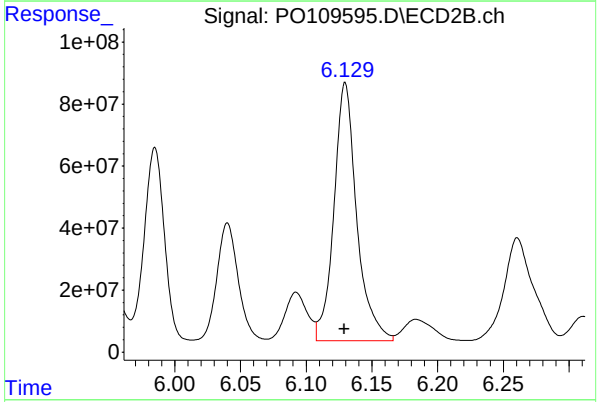
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 1840236773
Conc: 2570.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3ADL

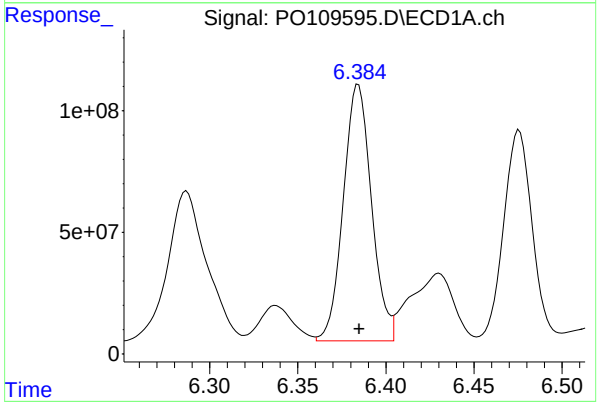
Manual Integrations
APPROVED

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



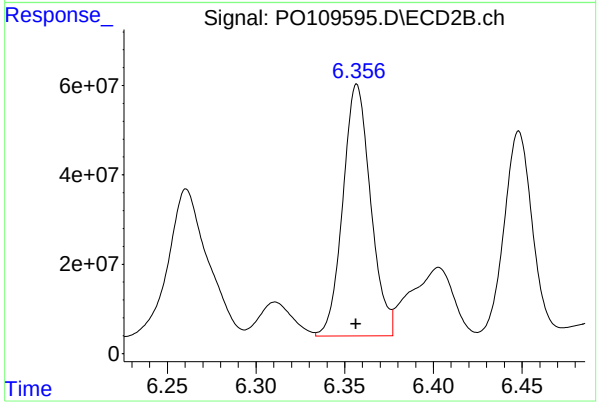
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 1005499502
Conc: 2818.86 ng/ml



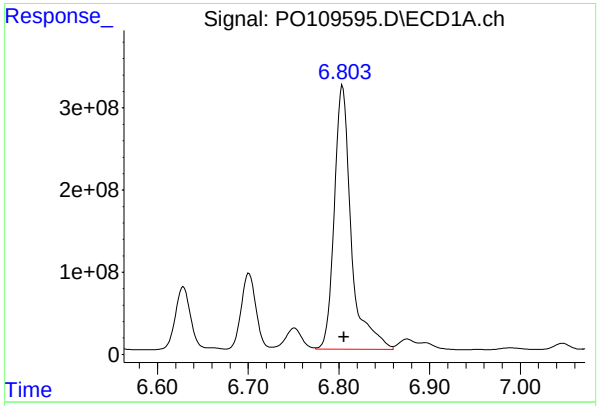
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 1174778112
Conc: 2805.16 ng/ml



#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 613956807
Conc: 3179.09 ng/ml



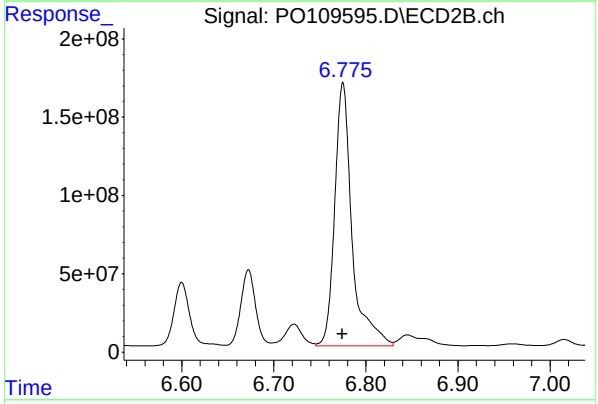
#30 AR-1254-5

R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 4180487686
Conc: 6700.54 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3ADL

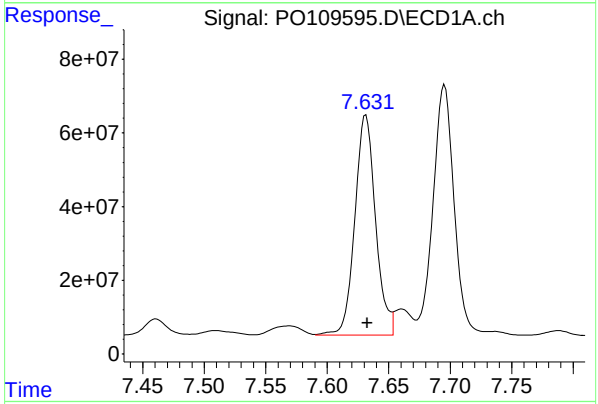
Manual Integrations
APPROVED

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



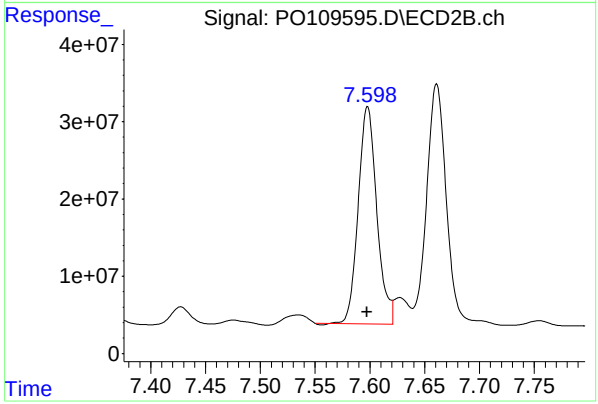
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 2191549006
Conc: 7385.61 ng/ml



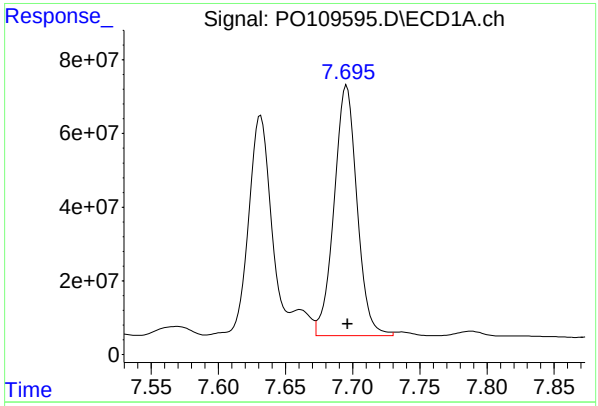
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 700697510
Conc: 529.14 ng/ml



#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 331596997
Conc: 580.31 ng/ml



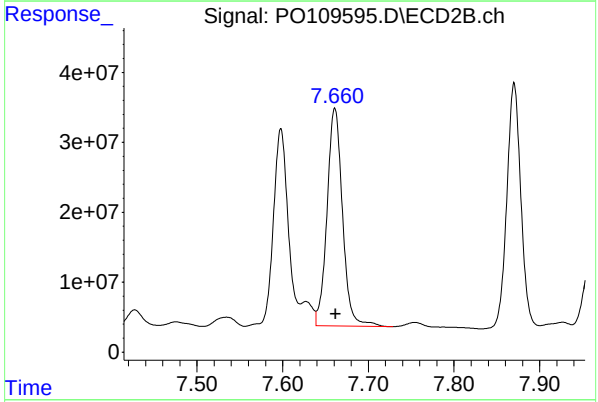
#42 AR-1268-2

R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 808262945
Conc: 668.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3ADL

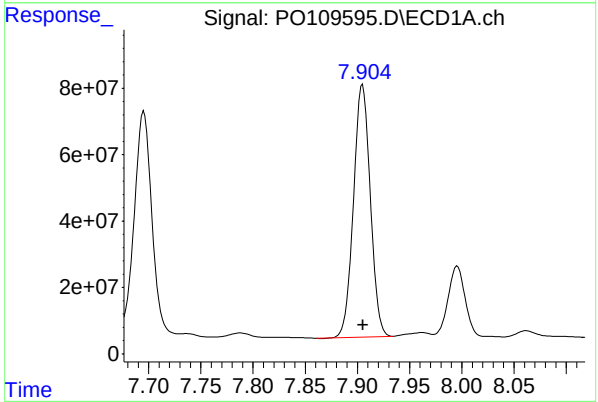
Manual Integrations
APPROVED

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



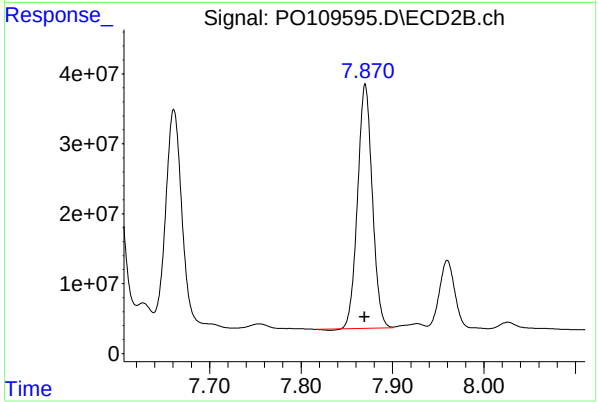
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 390985670
Conc: 744.81 ng/ml



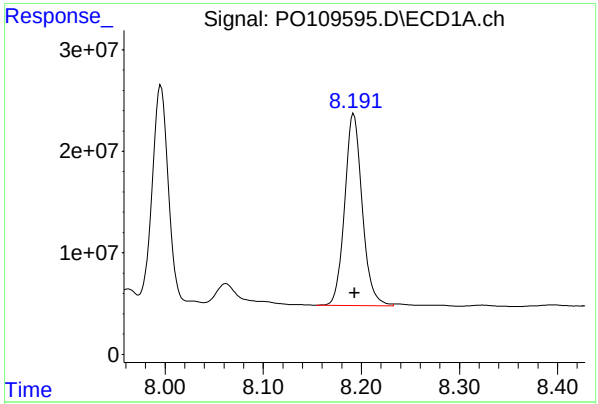
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 849923332
Conc: 834.75 ng/ml



#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 388868867
Conc: 908.48 ng/ml



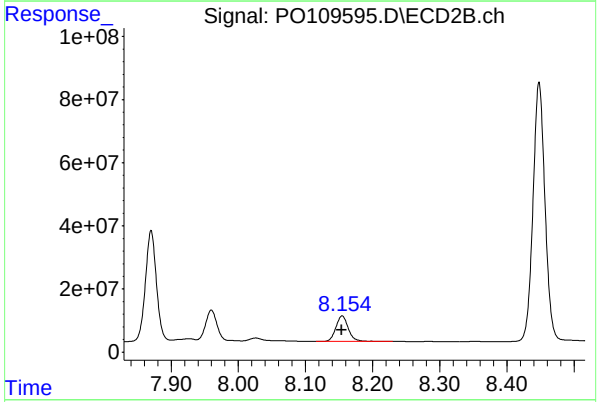
#44 AR-1268-4

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 234139062
Conc: 551.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3ADL

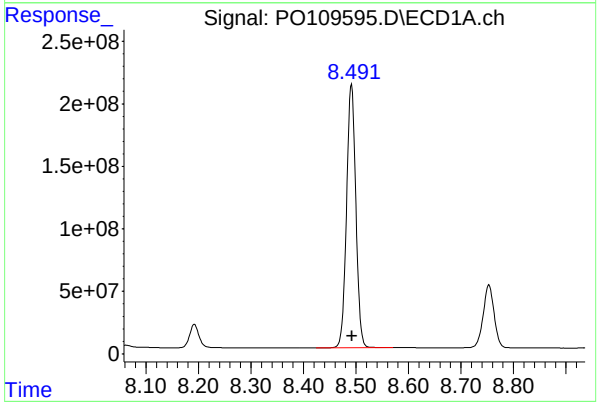
Manual Integrations
APPROVED

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



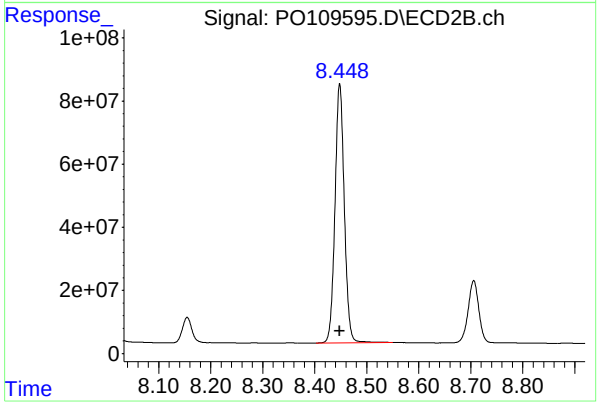
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 103590390
Conc: 642.08 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 2587233227
Conc: 856.80 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 1022220472
Conc: 935.12 ng/ml

Raw Data: **PO109596.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:	K084-3ADL2	SDG No.:	Q1433
Lab Sample ID:	Q1433-07DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.4 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
PO109596.D	25	02/27/25 09:15	02/28/25 16:36	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	91.5	UD	91.5	459	ug/kg
11104-28-2	Aroclor-1221	173	UD	173	459	ug/kg
11141-16-5	Aroclor-1232	91.7	UD	91.7	459	ug/kg
53469-21-9	Aroclor-1242	91.5	UD	91.5	459	ug/kg
12672-29-6	Aroclor-1248	213	UD	213	459	ug/kg
11097-69-1	Aroclor-1254	6500	D	73.7	459	ug/kg
37324-23-5	Aroclor-1262	123	UD	123	459	ug/kg
11100-14-4	Aroclor-1268	1600	D	92.6	459	ug/kg
11096-82-5	Aroclor-1260	78.5	UD	78.5	459	ug/kg
Total PCBs	Total PCBs	8000	D	166	459	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	33.3	*	32 - 144	166%	SPK: 20
2051-24-3	Decachlorobiphenyl	524	*	32 - 175	2621%	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 : PO109596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 16:36
Operator : YP/AJ
Sample : Q1433-07DL2 25X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-3ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:26:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.696	3.694	12605325	6972451	1.332	1.332	
2)	SA Decachlor...	8.755	8.706	163.0E6	66767640	18.951	20.968	
	Target Compounds							
26)	L6 AR-1254-1	5.600	5.579	135.1E6	74924337	261.956	286.476	
27)	L6 AR-1254-2	5.749	5.727	211.4E6	116.6E6	469.391	497.024	
28)	L6 AR-1254-3	6.156	6.130	408.1E6	220.8E6	570.073	619.082	
29)	L6 AR-1254-4	6.384	6.358	256.7E6	132.2E6	612.943	684.693	
30)	L6 AR-1254-5	6.804	6.775	865.6E6	448.4E6	1387.384	1511.192	
41)	L9 AR-1268-1	7.632	7.598	161.9E6	76357782	122.286	133.630	
42)	L9 AR-1268-2	7.695	7.662	189.8E6	88767259	156.959	169.099	
43)	L9 AR-1268-3	7.905	7.870	181.3E6	87222823	178.102	203.771	
44)	L9 AR-1268-4	8.193	8.155	52950896	25239453	124.632	156.441	#
45)	L9 AR-1268-5	8.492	8.449	515.5E6	224.3E6	170.731	205.165	

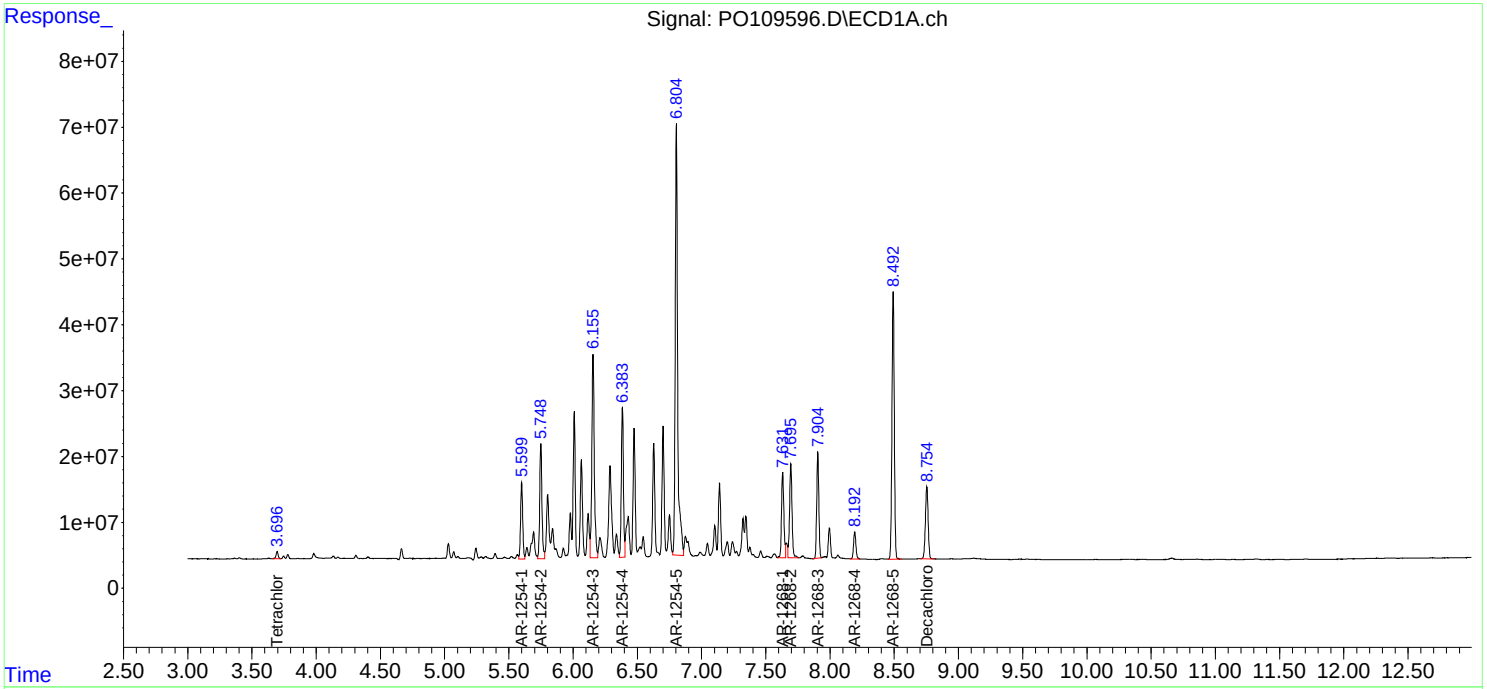
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

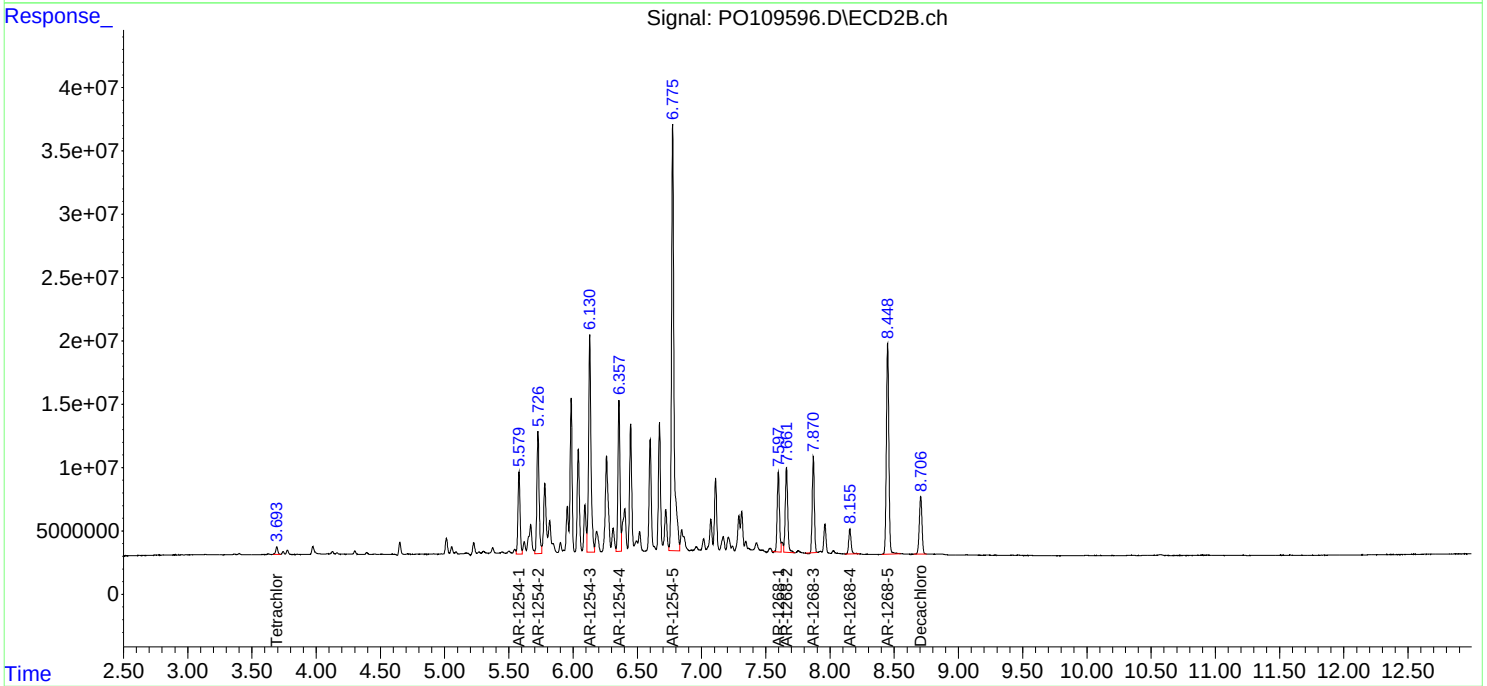
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 16:36
Operator : YP/AJ
Sample : Q1433-07DL2 25X
Misc :
ALS Vial : 22 Sample Multiplier: 1

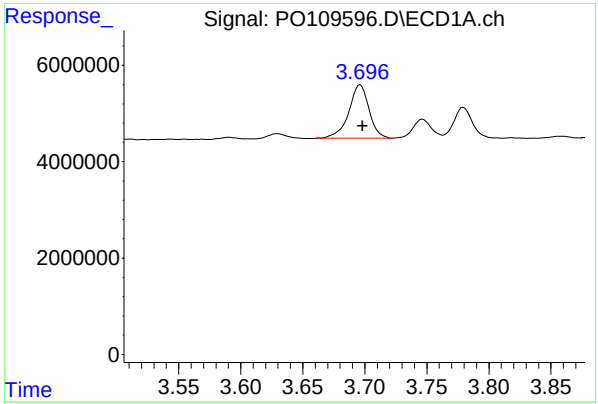
Instrument :
ECD_O
ClientSampleId :
K084-3ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:26:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



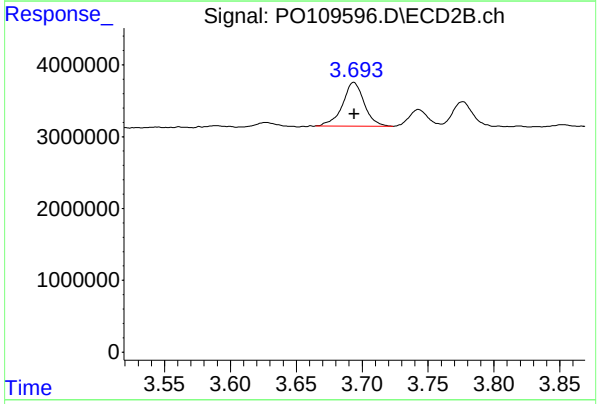




#1 Tetrachloro-m-xylene

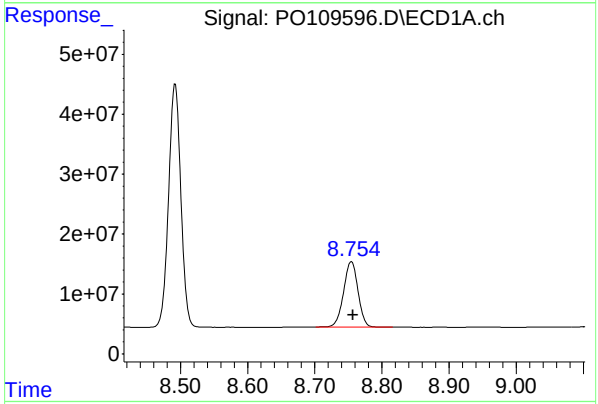
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 12605325
Conc: 1.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3ADL2



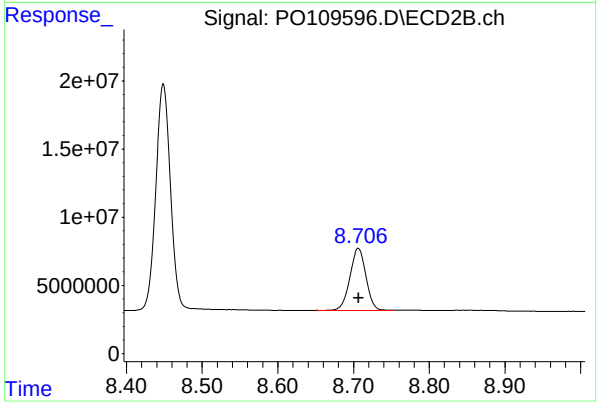
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 6972451
Conc: 1.33 ng/ml



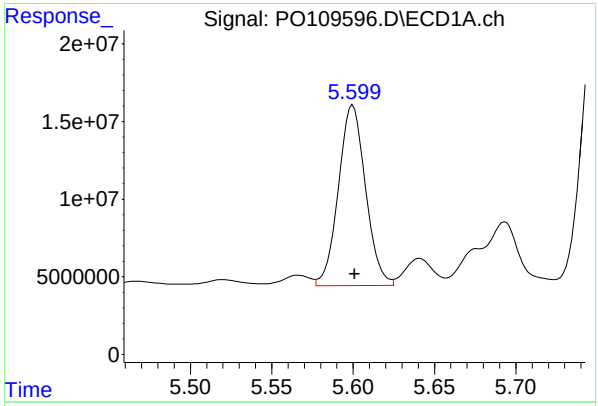
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 163017383
Conc: 18.95 ng/ml



#2 Decachlorobiphenyl

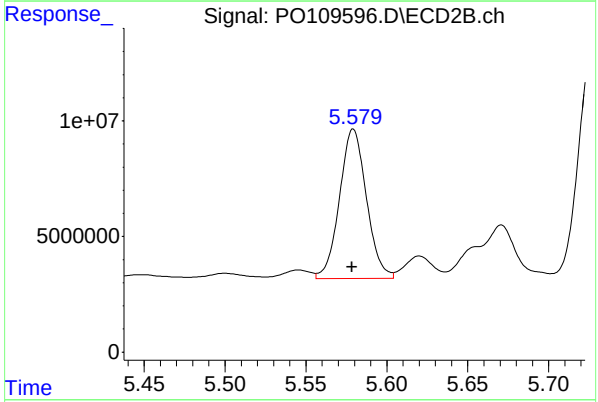
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 66767640
Conc: 20.97 ng/ml



#26 AR-1254-1

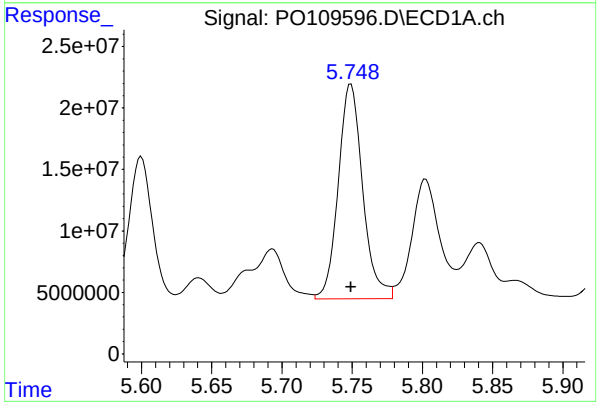
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 135066482
Conc: 261.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3ADL2



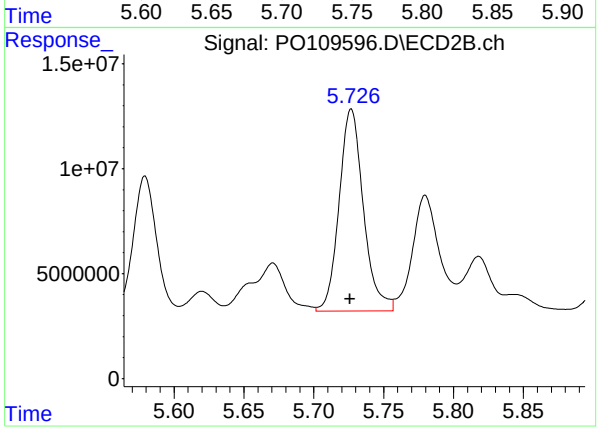
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 74924337
Conc: 286.48 ng/ml



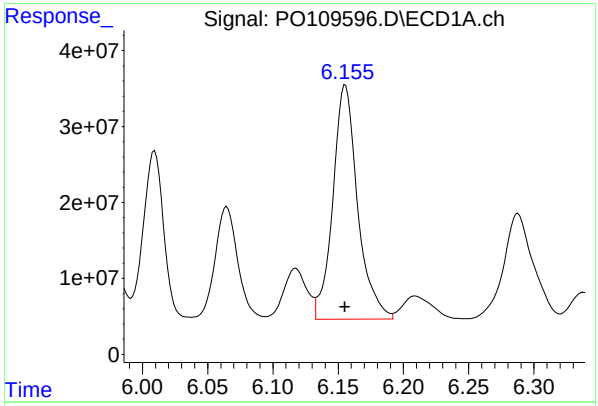
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 211401677
Conc: 469.39 ng/ml



#27 AR-1254-2

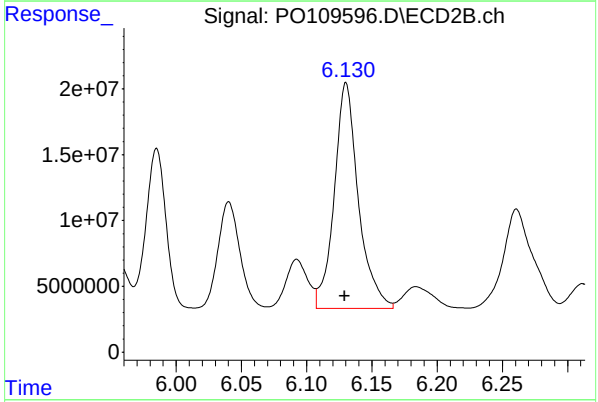
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 116582596
Conc: 497.02 ng/ml



#28 AR-1254-3

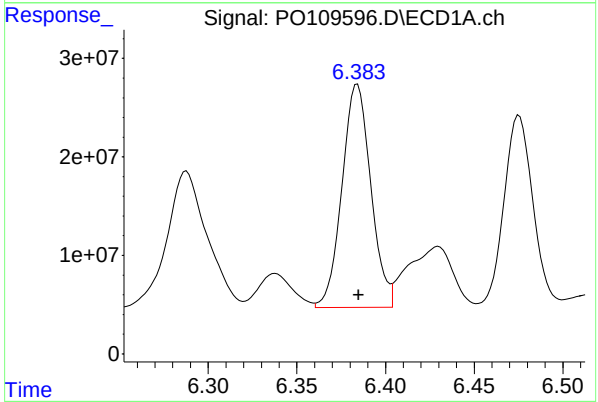
R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 408146903
Conc: 570.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3ADL2



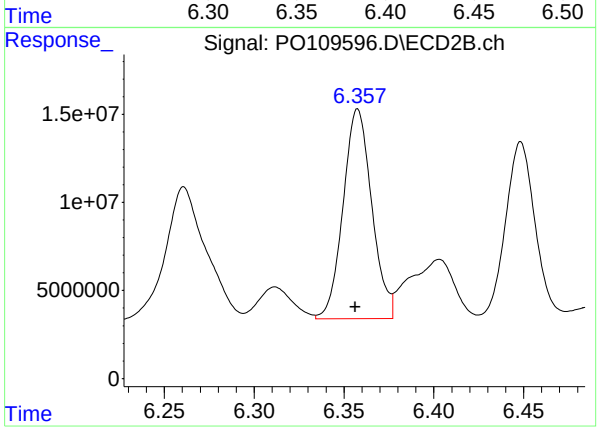
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 220829459
Conc: 619.08 ng/ml



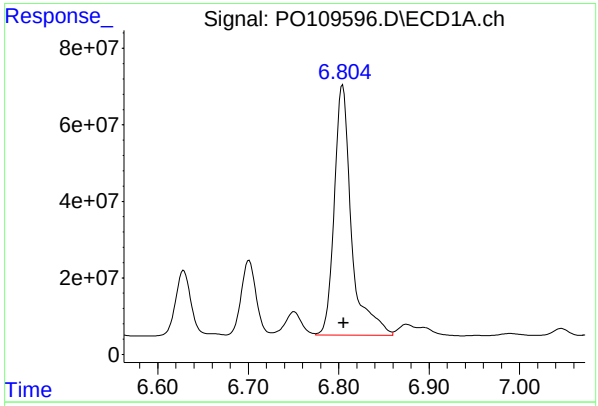
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 256695148
Conc: 612.94 ng/ml



#29 AR-1254-4

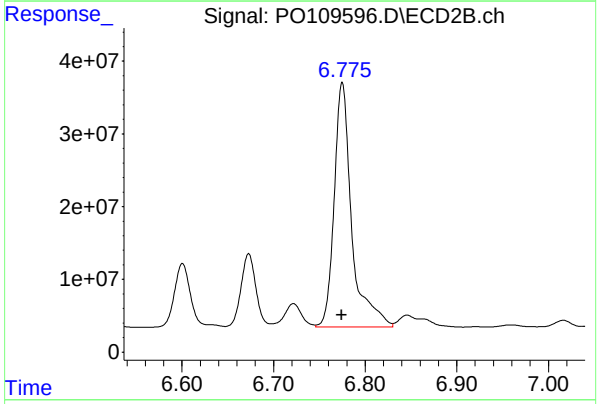
R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 132230253
Conc: 684.69 ng/ml



#30 AR-1254-5

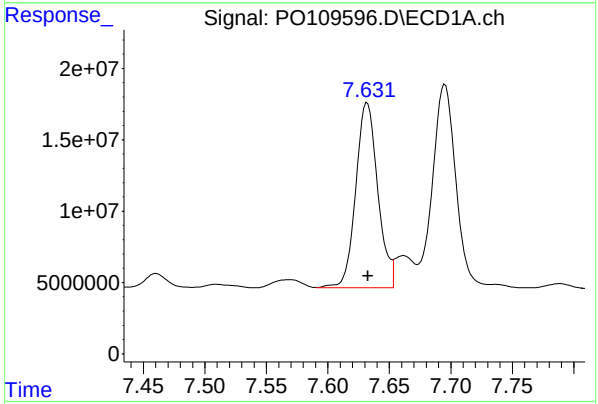
R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 865592675
Conc: 1387.38 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3ADL2



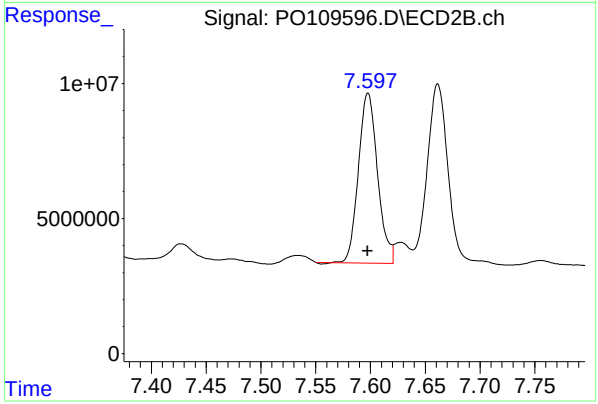
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 448419250
Conc: 1511.19 ng/ml



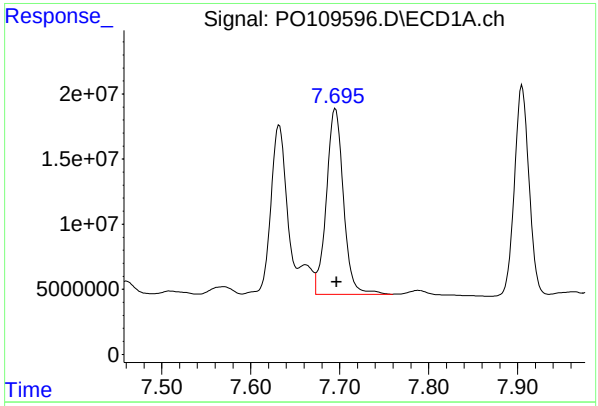
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 161932797
Conc: 122.29 ng/ml



#41 AR-1268-1

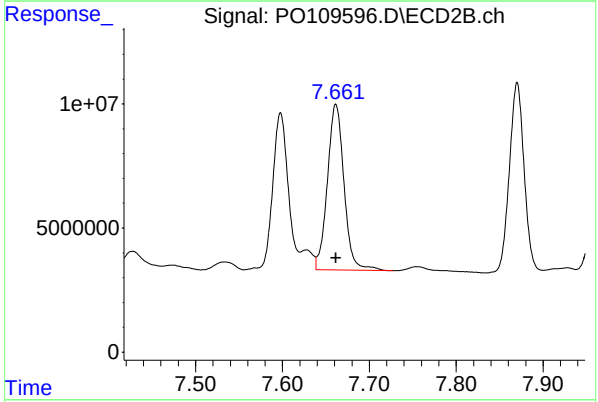
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 76357782
Conc: 133.63 ng/ml



#42 AR-1268-2

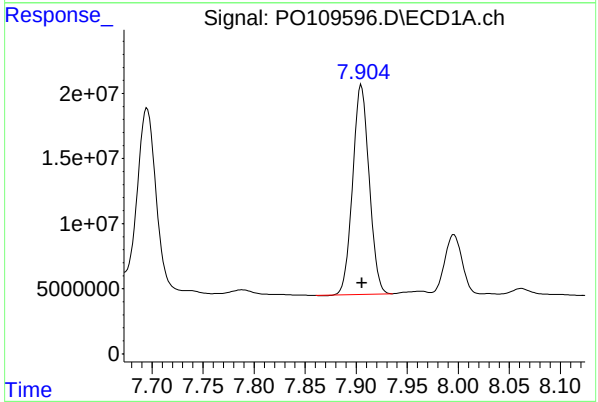
R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 189780557
Conc: 156.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3ADL2



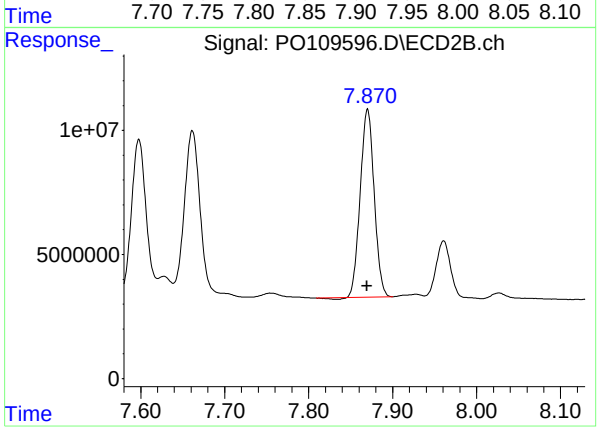
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 88767259
Conc: 169.10 ng/ml



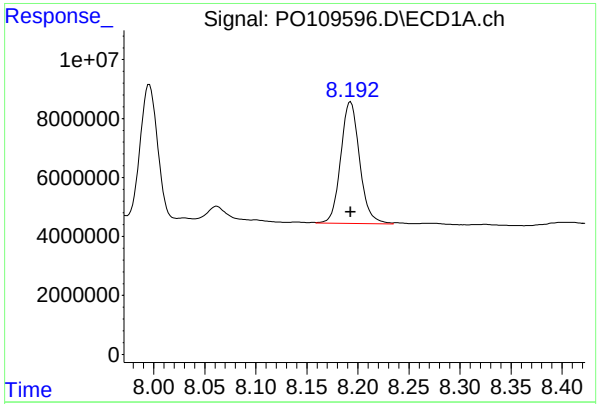
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 181339511
Conc: 178.10 ng/ml



#43 AR-1268-3

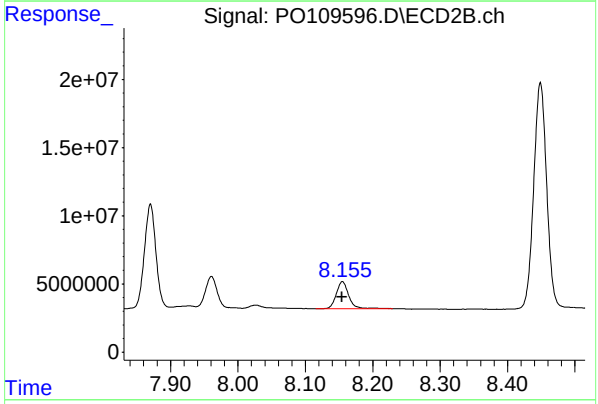
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 87222823
Conc: 203.77 ng/ml



#44 AR-1268-4

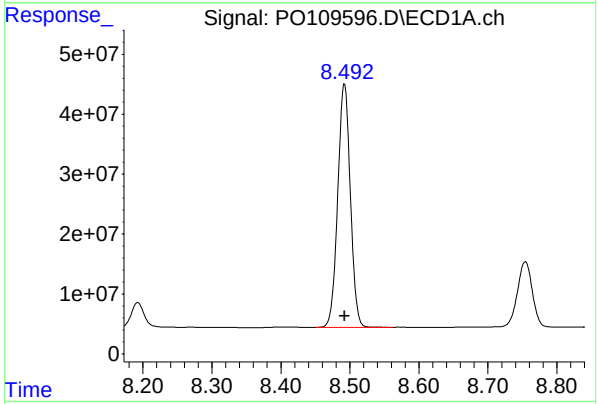
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 52950896
Conc: 124.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3ADL2



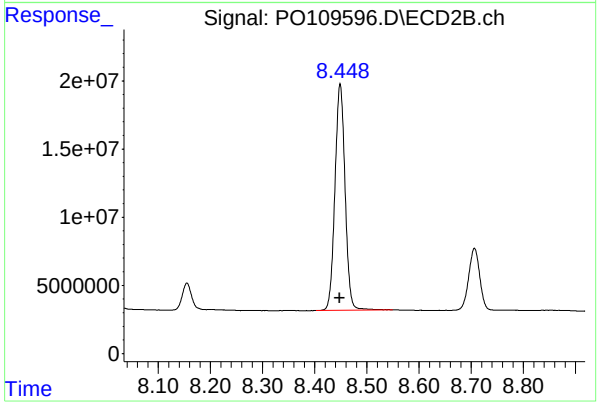
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 25239453
Conc: 156.44 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 515547800
Conc: 170.73 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 224274660
Conc: 205.16 ng/ml

Raw Data: **PO109558.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:	K084-3B	SDG No.:	Q1433
Lab Sample ID:	Q1433-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	77.3 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
PO109558.D	1	02/27/25 09:15	02/28/25 03:03	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	22.0	ug/kg
11104-28-2	Aroclor-1221	8.30	U	8.30	22.0	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	22.0	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	22.0	ug/kg
12672-29-6	Aroclor-1248	10.2	U	10.2	22.0	ug/kg
11097-69-1	Aroclor-1254	4900	E	3.50	22.0	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	22.0	ug/kg
11100-14-4	Aroclor-1268	288		4.40	22.0	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	22.0	ug/kg
Total PCBs	Total PCBs	5200	E	7.90	22.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	39.6	*	32 - 175	198%	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 : PO109558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 03:03
Operator : YP/AJ
Sample : Q1433-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-3B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:00:23 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	194.0E6	111.9E6	20.499	21.385
2)	SA Decachlor...	8.755	8.707	303.7E6	126.1E6	35.302	39.609
	Target Compounds						
26)	L6 AR-1254-1	5.601	5.581	1774.5E6	1021.0E6	3441.539	3903.708
27)	L6 AR-1254-2	5.750	5.728	2823.3E6	1609.9E6	6268.805	6863.458
28)	L6 AR-1254-3	6.156	6.131	6054.9E6	3437.2E6	8457.115	9635.902
29)	L6 AR-1254-4	6.386	6.359	3698.4E6	2029.5E6	8831.059	10508.611
30)	L6 AR-1254-5	6.805	6.776	13660.7E6	7743.4E6	21895.613	26095.614
41)	L9 AR-1268-1	7.633	7.599	677.7E6	294.1E6	511.779	514.753
42)	L9 AR-1268-2	7.696	7.661	1359.8E6	629.1E6	1124.667	1198.360
43)	L9 AR-1268-3	7.906	7.871	430.6E6	204.2E6	422.871	477.145
44)	L9 AR-1268-4	8.195	8.156	233.2E6	105.8E6	548.938	655.633
45)	L9 AR-1268-5	8.493	8.449	1314.1E6	542.3E6	435.172	496.067

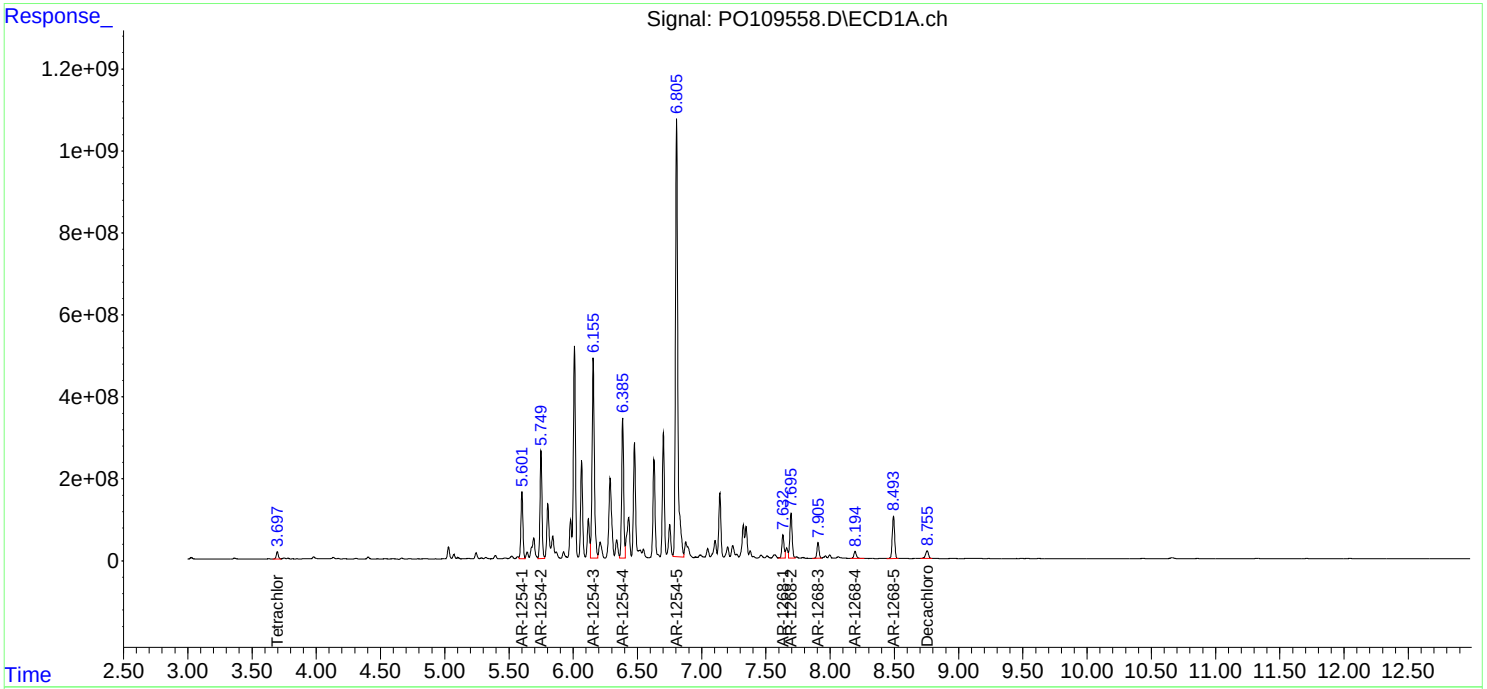
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

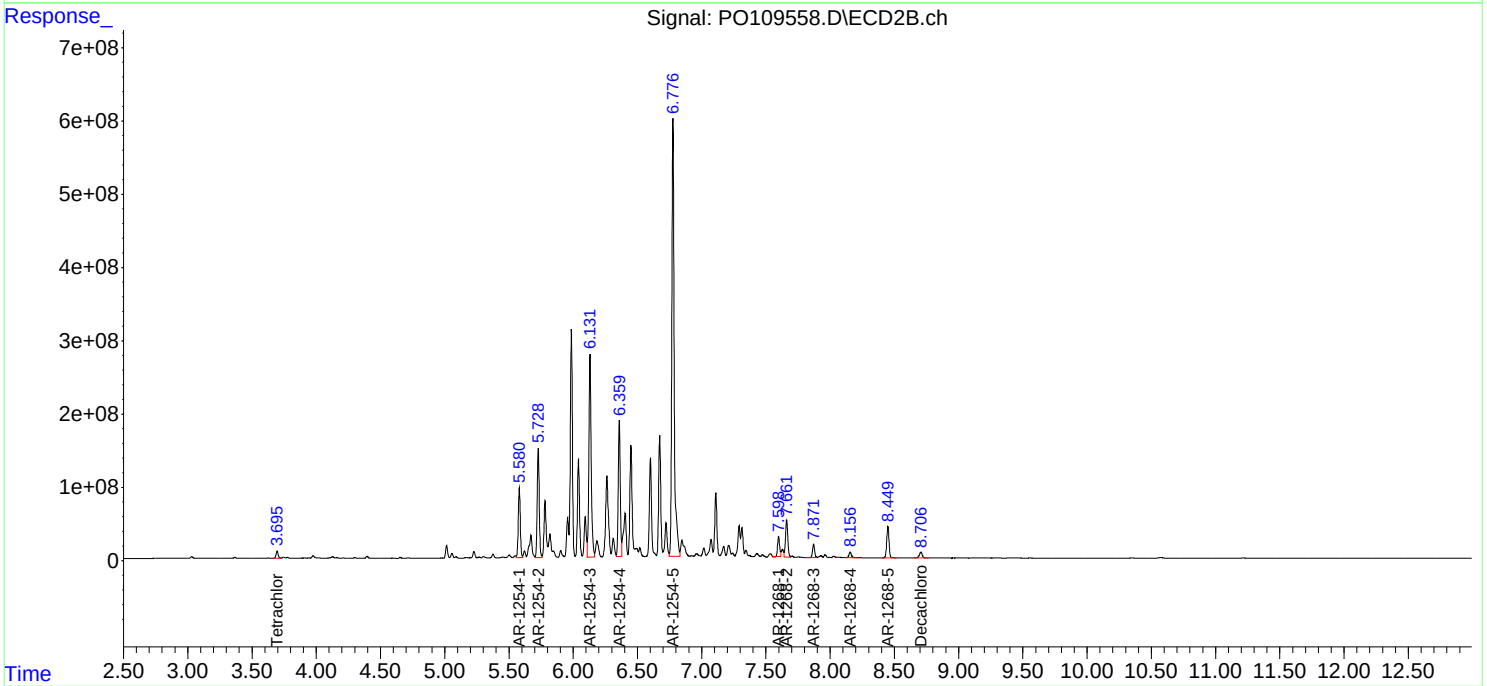
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 03:03
Operator : YP/AJ
Sample : Q1433-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

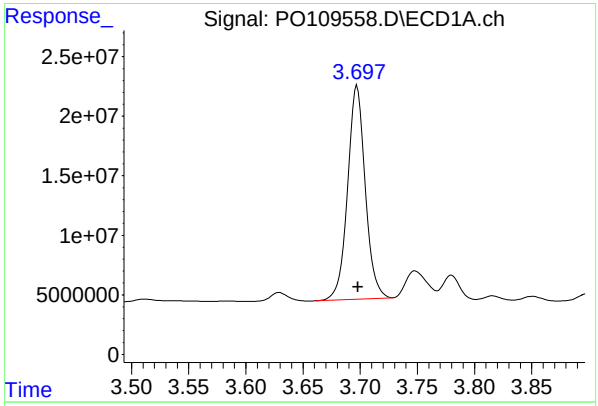
Instrument :
ECD_O
ClientSampleId :
K084-3B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:00:23 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



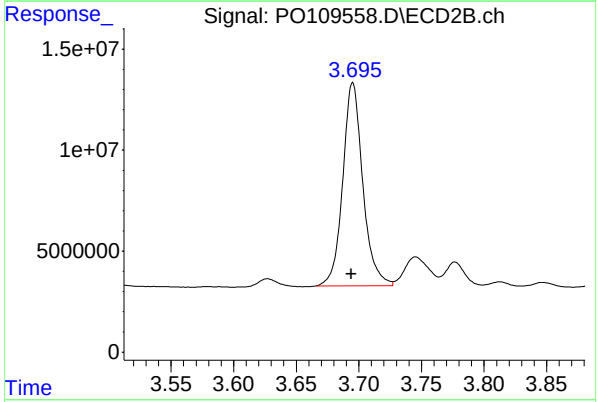




#1 Tetrachloro-m-xylene

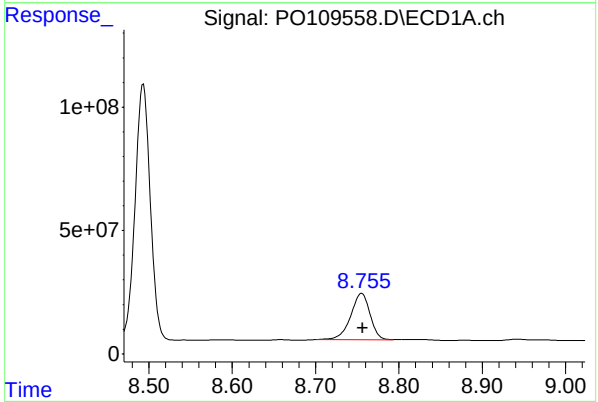
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 194022612
Conc: 20.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3B



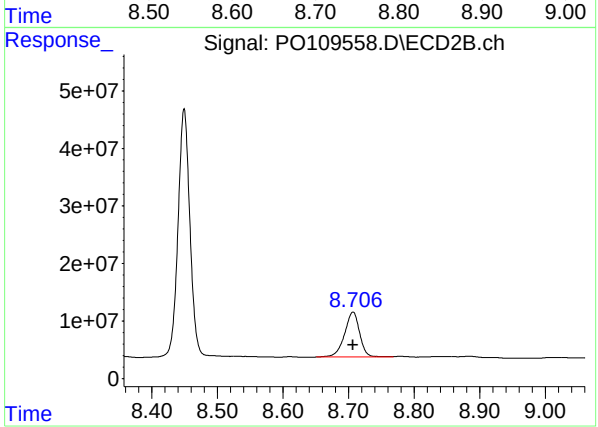
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.001 min
Response: 111931569
Conc: 21.38 ng/ml



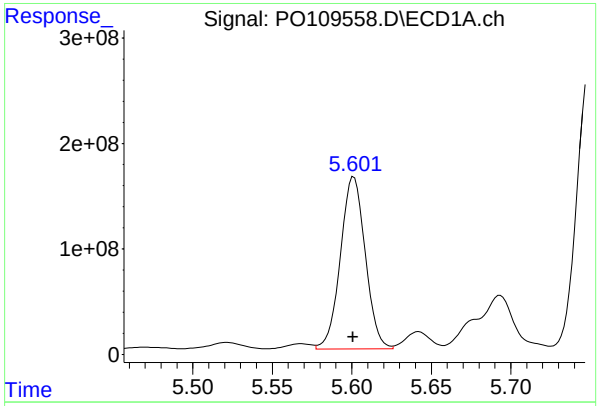
#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 303660376
Conc: 35.30 ng/ml



#2 Decachlorobiphenyl

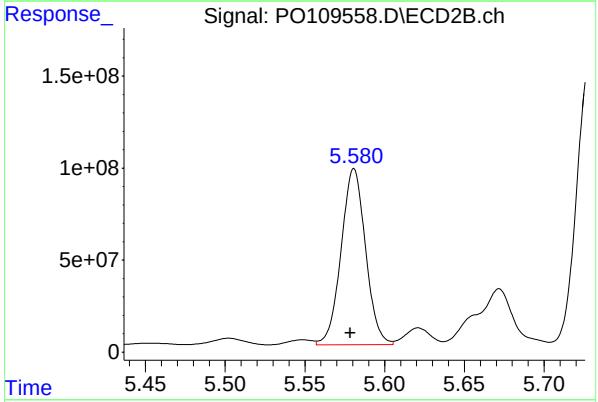
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 126125591
Conc: 39.61 ng/ml



#26 AR-1254-1

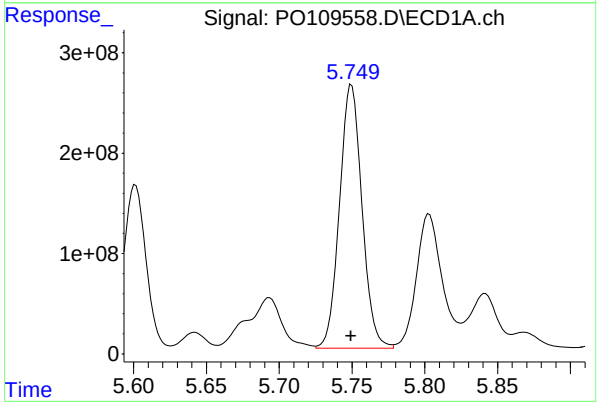
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 1774480335
Conc: 3441.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3B



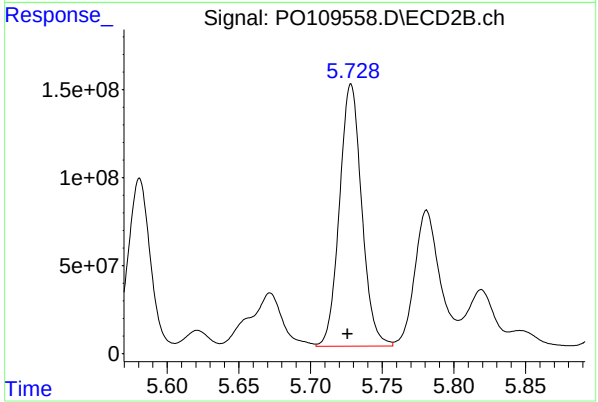
#26 AR-1254-1

R.T.: 5.581 min
Delta R.T.: 0.002 min
Response: 1020969365
Conc: 3903.71 ng/ml



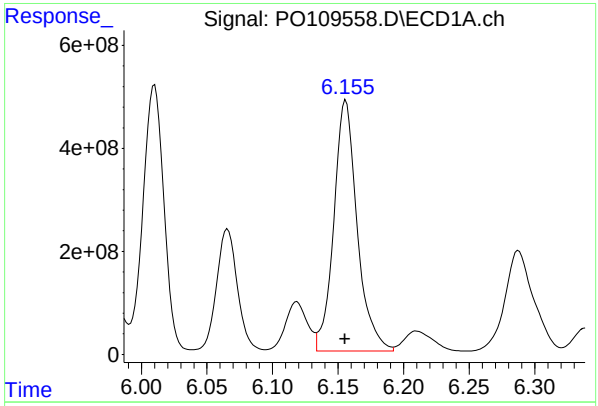
#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 2823310093
Conc: 6268.80 ng/ml



#27 AR-1254-2

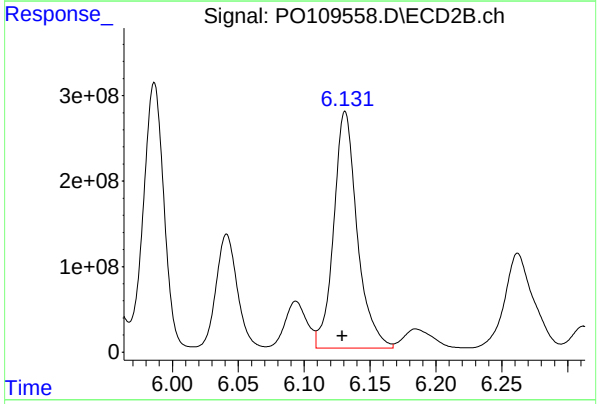
R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 1609902686
Conc: 6863.46 ng/ml



#28 AR-1254-3

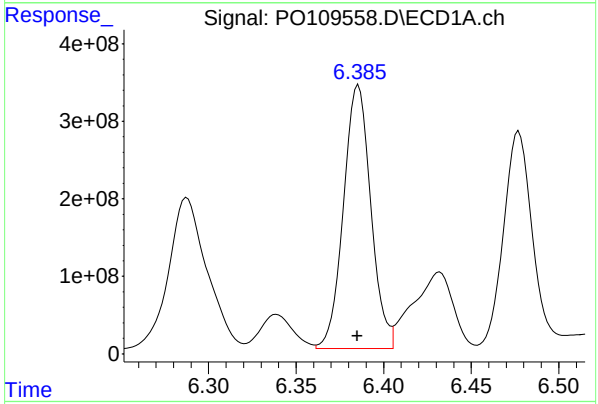
R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 6054917293
Conc: 8457.12 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3B



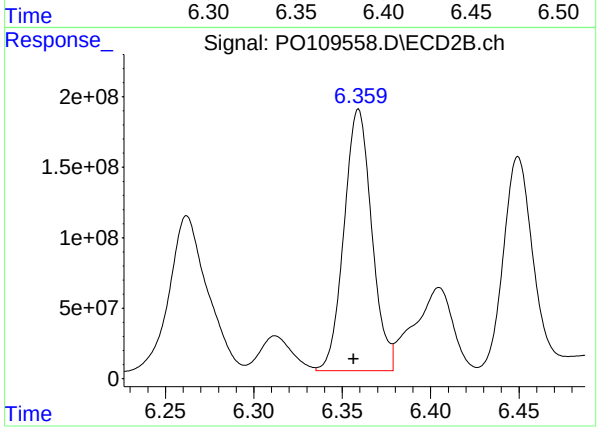
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 3437170220
Conc: 9635.90 ng/ml



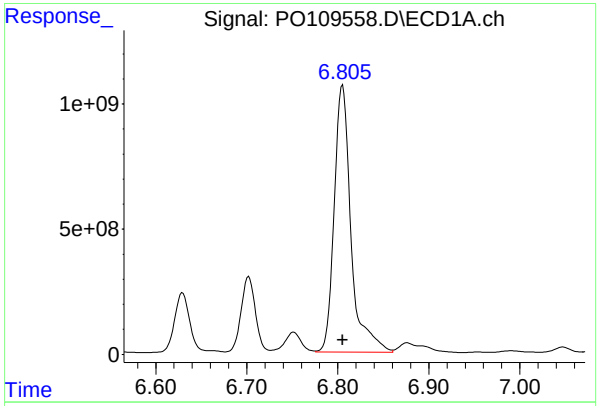
#29 AR-1254-4

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 3698372579
Conc: 8831.06 ng/ml



#29 AR-1254-4

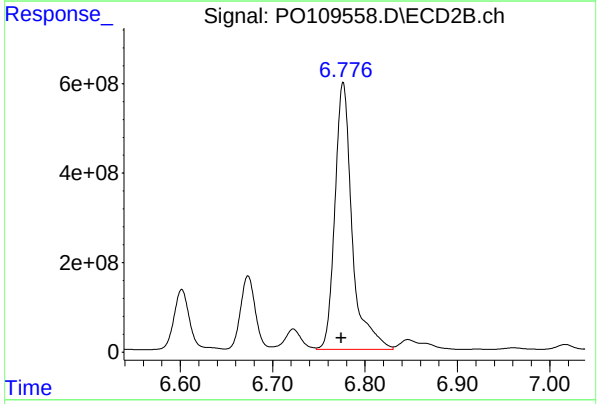
R.T.: 6.359 min
Delta R.T.: 0.003 min
Response: 2029458824
Conc: 10508.61 ng/ml



#30 AR-1254-5

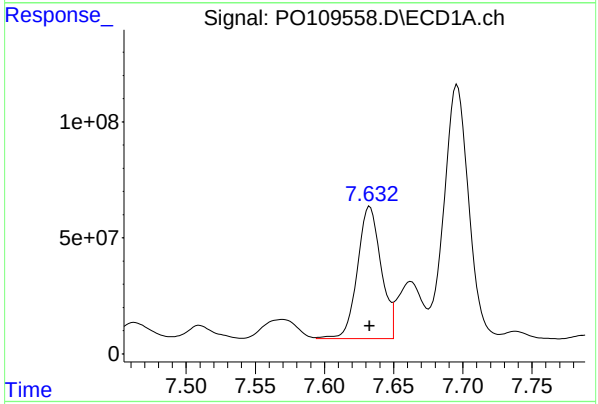
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 13660737517
Conc: 21895.61 ng/

Instrument :
ECD_O
ClientSampleId :
K084-3B



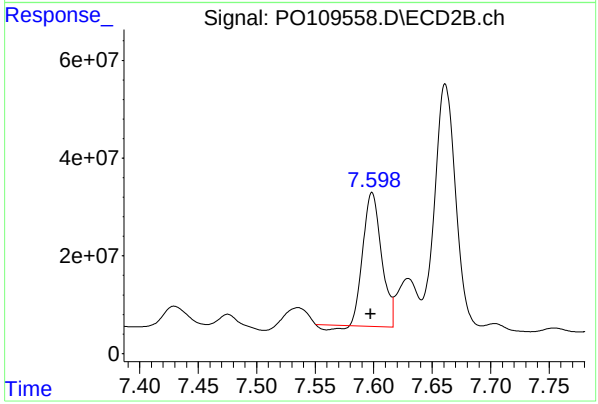
#30 AR-1254-5

R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 7743409944
Conc: 26095.61 ng/ml



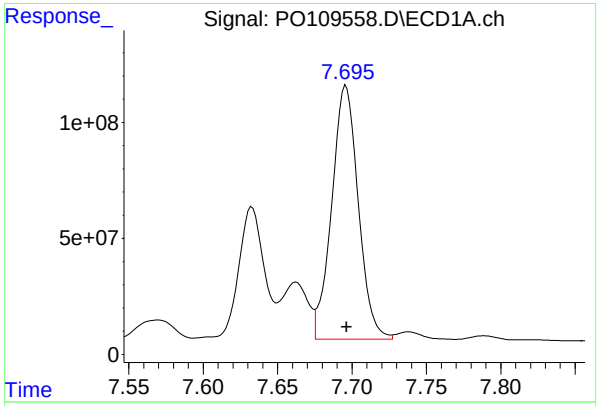
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 677707583
Conc: 511.78 ng/ml



#41 AR-1268-1

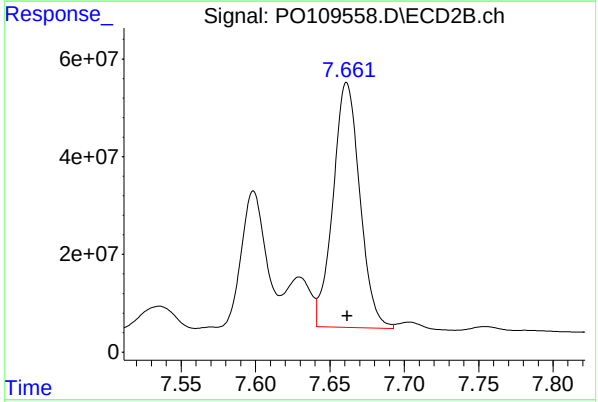
R.T.: 7.599 min
Delta R.T.: 0.001 min
Response: 294136103
Conc: 514.75 ng/ml



#42 AR-1268-2

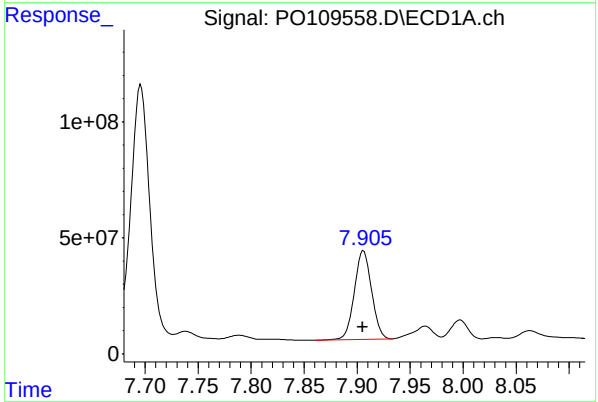
R.T.: 7.696 min
Delta R.T.: 0.000 mi
Response: 1359842462
Conc: 1124.67 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3B



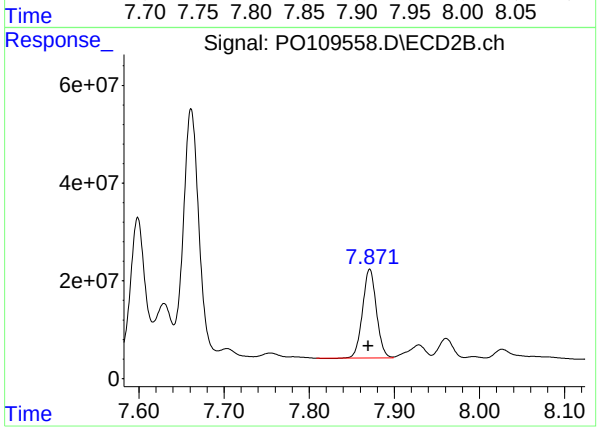
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 629071503
Conc: 1198.36 ng/ml



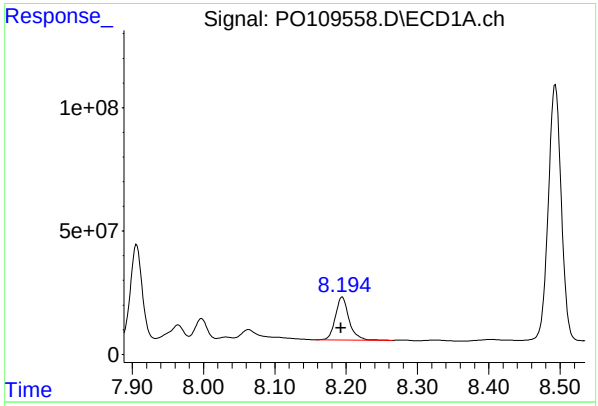
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 430558412
Conc: 422.87 ng/ml



#43 AR-1268-3

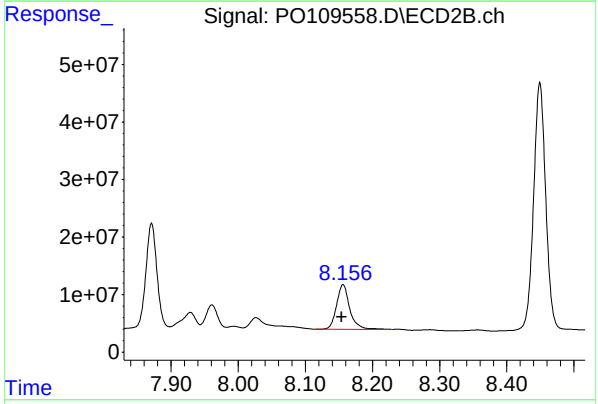
R.T.: 7.871 min
Delta R.T.: 0.002 min
Response: 204238817
Conc: 477.14 ng/ml



#44 AR-1268-4

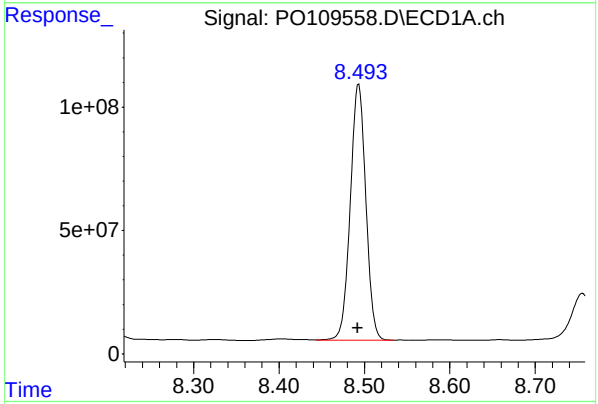
R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 233220920
Conc: 548.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3B



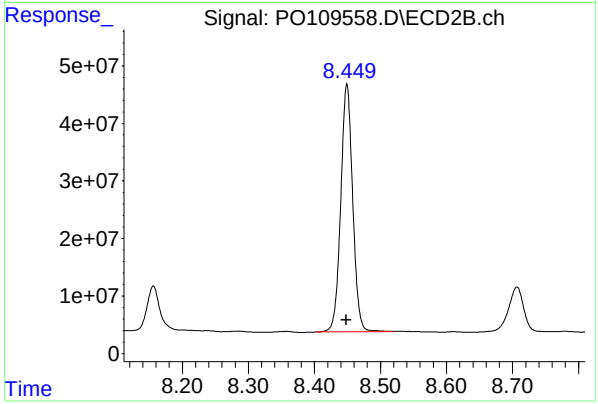
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 105776604
Conc: 655.63 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.001 min
Response: 1314067123
Conc: 435.17 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.001 min
Response: 542273078
Conc: 496.07 ng/ml

Raw Data: **PO109597.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:	K084-3BDL	SDG No.:	Q1433
Lab Sample ID:	Q1433-08DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	77.3 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
PO109597.D	20	02/27/25 09:15	02/28/25 16:54	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	87.7	UD	87.7	440	ug/kg
11104-28-2	Aroclor-1221	166	UD	166	440	ug/kg
11141-16-5	Aroclor-1232	87.9	UD	87.9	440	ug/kg
53469-21-9	Aroclor-1242	87.7	UD	87.7	440	ug/kg
12672-29-6	Aroclor-1248	204	UD	204	440	ug/kg
11097-69-1	Aroclor-1254	5500	D	70.6	440	ug/kg
37324-23-5	Aroclor-1262	118	UD	118	440	ug/kg
11100-14-4	Aroclor-1268	411	JD	88.7	440	ug/kg
11096-82-5	Aroclor-1260	75.2	UD	75.2	440	ug/kg
Total PCBs	Total PCBs	6000	D	159	440	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.0		32 - 144	120%	SPK: 20
2051-24-3	Decachlorobiphenyl	54.8	*	32 - 175	274%	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: **PO109597.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 16:54
Operator : YP/AJ
Sample : Q1433-08DL 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-3BDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:26:39 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	11082813	6265490	1.171	1.197
2)	SA Decachlor...	8.753	8.705	22465043	8724578	2.612	2.740
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.580	120.9E6	66704620	234.514	255.047
27)	L6 AR-1254-2	5.748	5.727	184.8E6	102.4E6	410.389	436.694
28)	L6 AR-1254-3	6.155	6.130	369.6E6	200.9E6	516.292	563.124
29)	L6 AR-1254-4	6.384	6.357	224.8E6	117.8E6	536.755	609.865
30)	L6 AR-1254-5	6.804	6.775	776.4E6	400.9E6	1244.441	1350.976
41)	L9 AR-1268-1	7.631	7.598	50918592	24060780	38.452	42.108
42)	L9 AR-1268-2	7.694	7.660	90401677	42622715	74.767	81.195
43)	L9 AR-1268-3	7.905	7.870	32521285	15458561	31.941	36.114
44)	L9 AR-1268-4	8.192	8.154	16730454	7116794	39.379	44.112
45)	L9 AR-1268-5	8.491	8.448	91083292	38100629	30.164	34.854

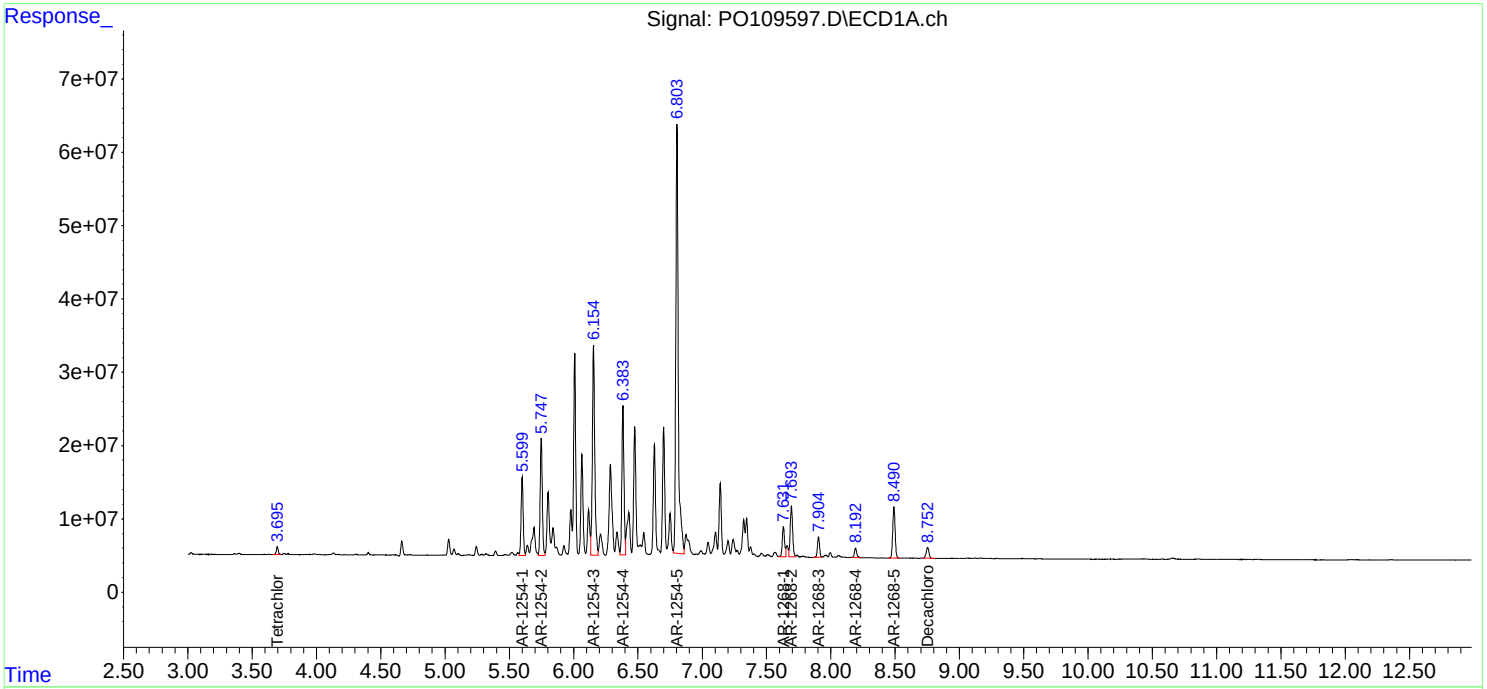
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

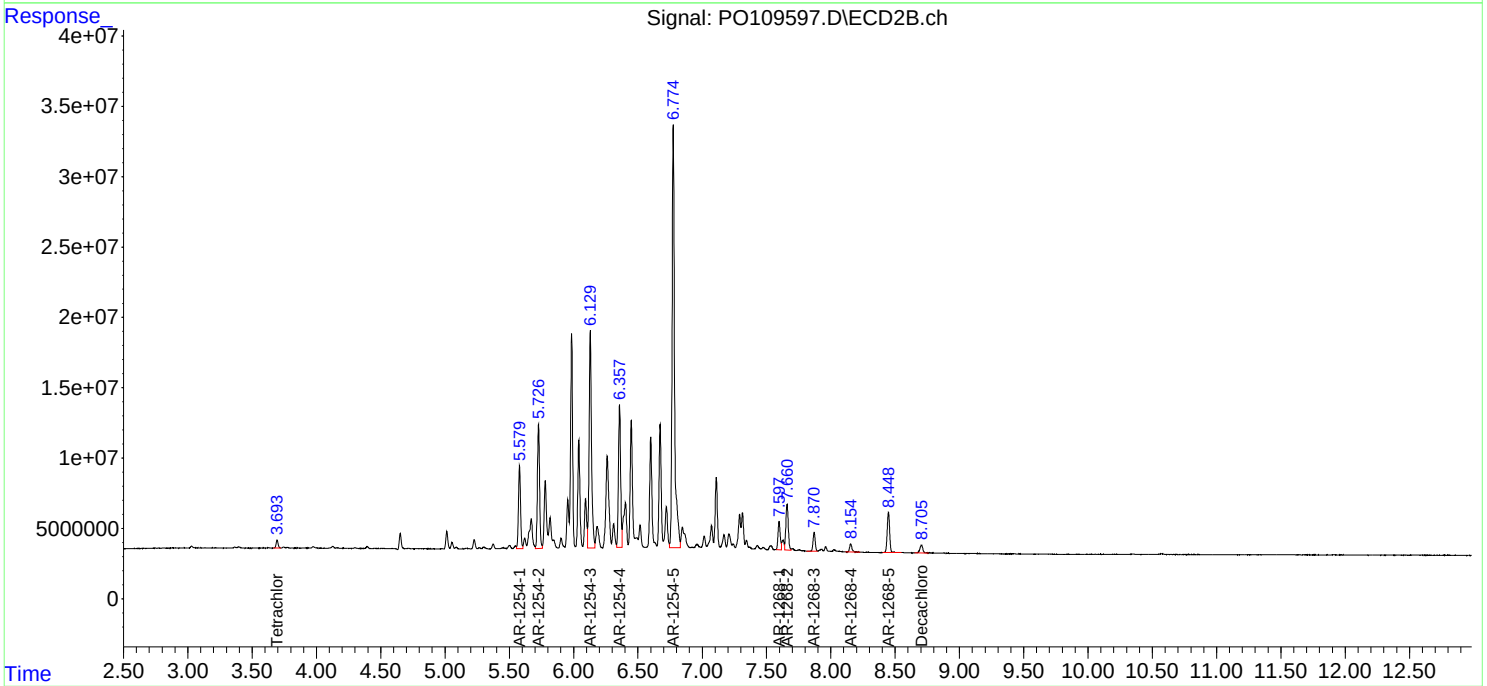
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 16:54
Operator : YP/AJ
Sample : Q1433-08DL 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

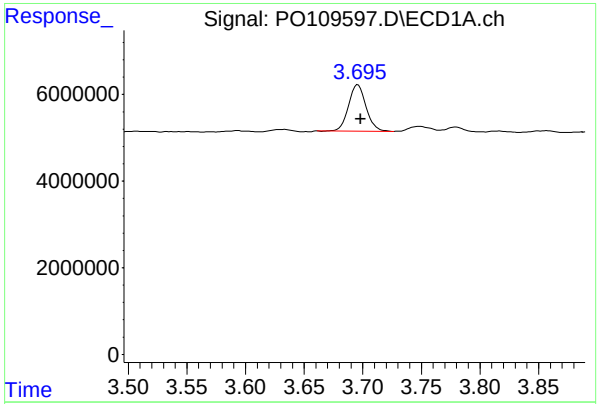
Instrument :
ECD_O
ClientSampleId :
K084-3BDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:26:39 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



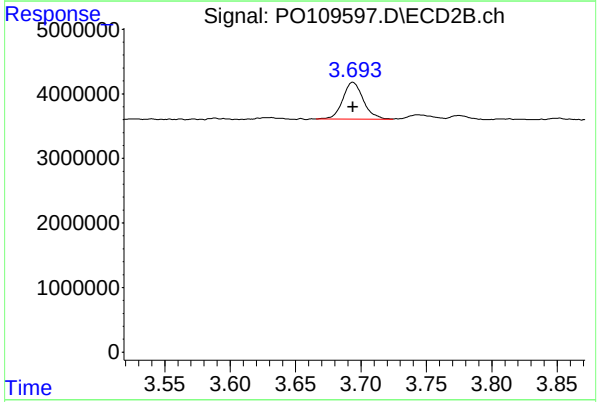




#1 Tetrachloro-m-xylene

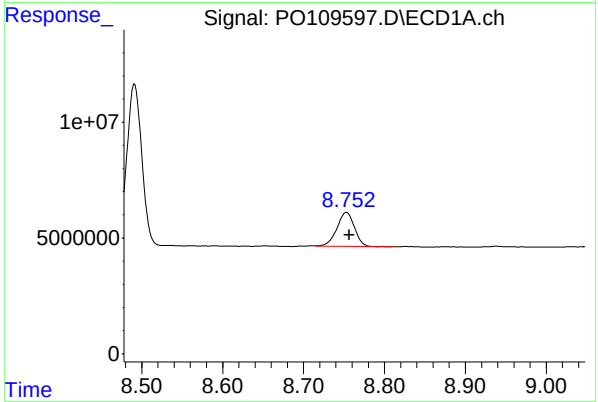
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 11082813
Conc: 1.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3BDL



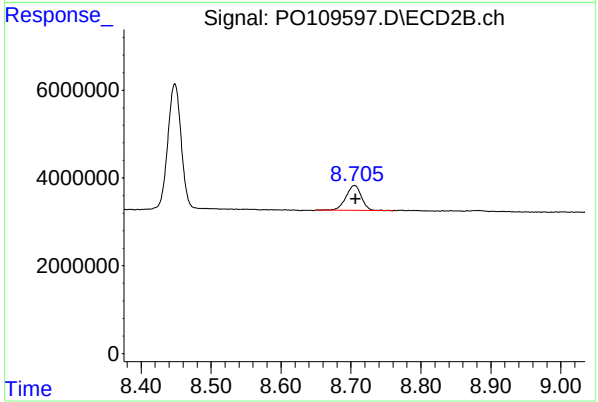
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 6265490
Conc: 1.20 ng/ml



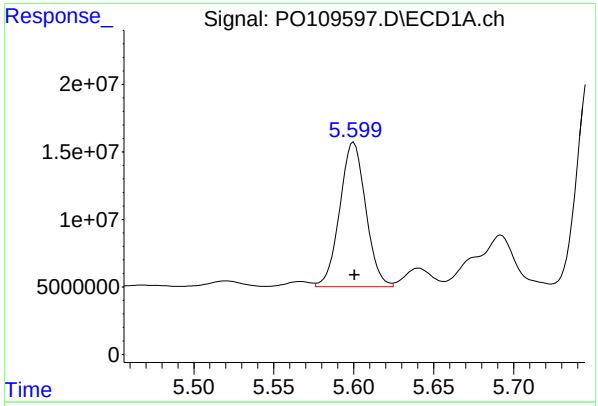
#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 22465043
Conc: 2.61 ng/ml



#2 Decachlorobiphenyl

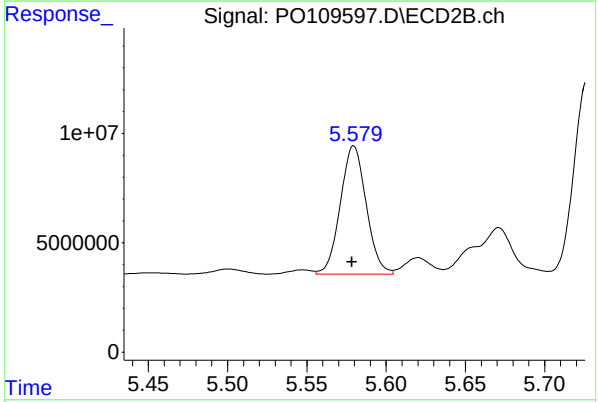
R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 8724578
Conc: 2.74 ng/ml



#26 AR-1254-1

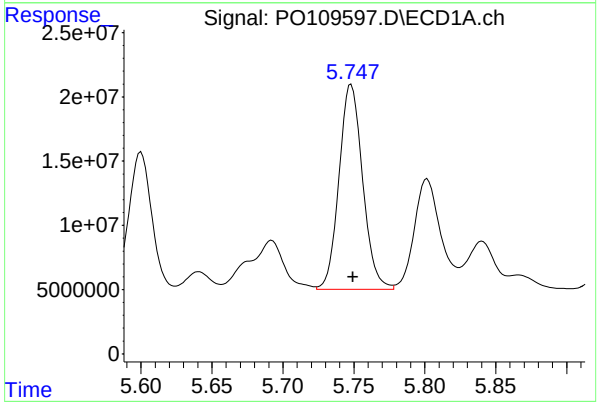
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 120916946
Conc: 234.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3BDL



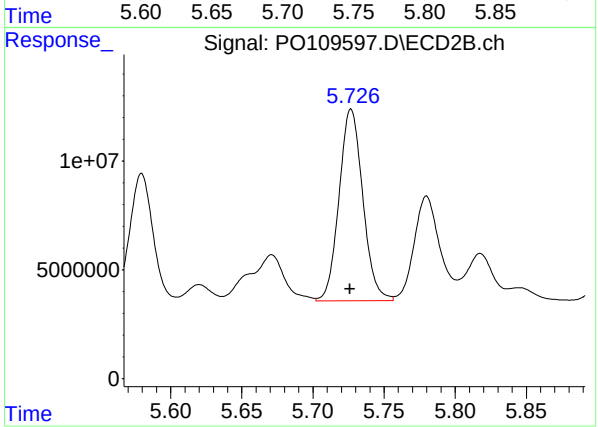
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 66704620
Conc: 255.05 ng/ml



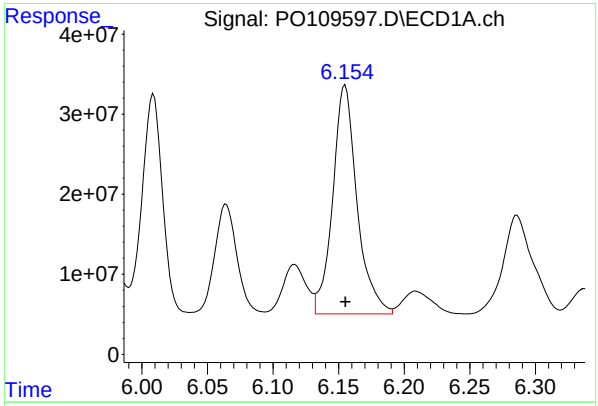
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: -0.001 min
Response: 184828893
Conc: 410.39 ng/ml



#27 AR-1254-2

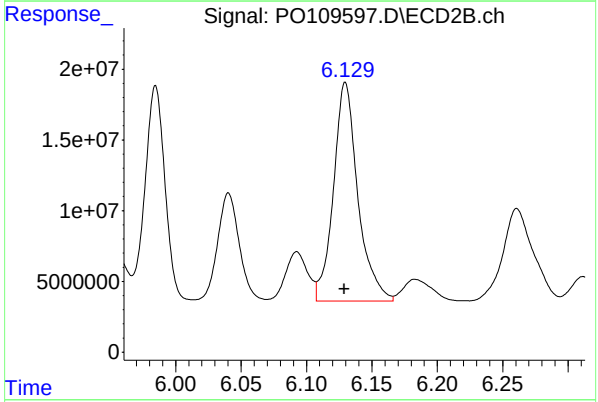
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 102431498
Conc: 436.69 ng/ml



#28 AR-1254-3

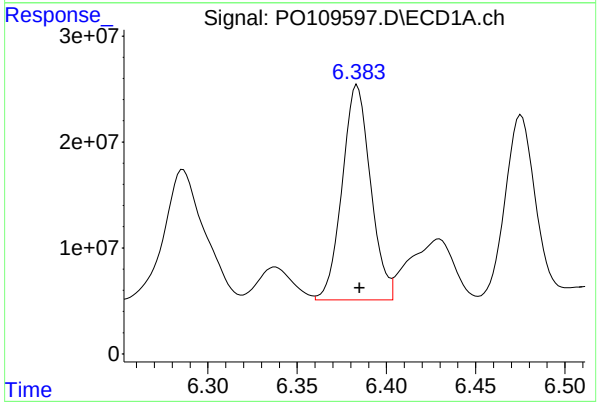
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 369642037
Conc: 516.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3BDL



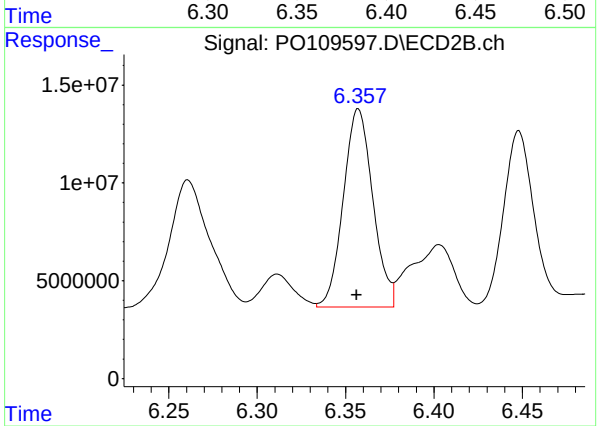
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 200869036
Conc: 563.12 ng/ml



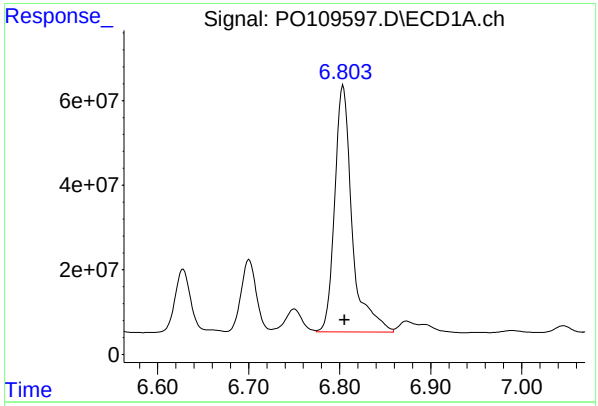
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: -0.001 min
Response: 224788355
Conc: 536.75 ng/ml



#29 AR-1254-4

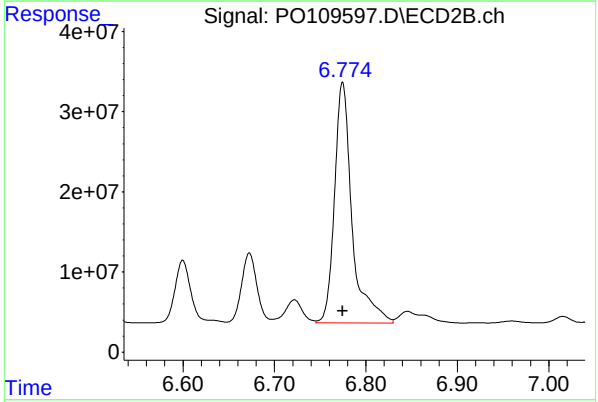
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 117779192
Conc: 609.86 ng/ml



#30 AR-1254-5

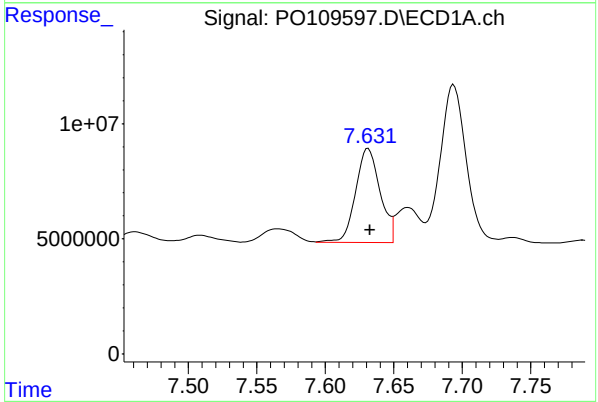
R.T.: 6.804 min
Delta R.T.: -0.002 mi
Response: 776410489
Conc: 1244.44 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3BDL



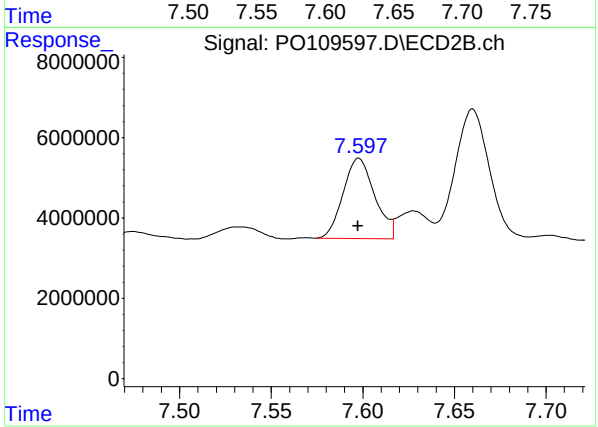
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 400878123
Conc: 1350.98 ng/ml



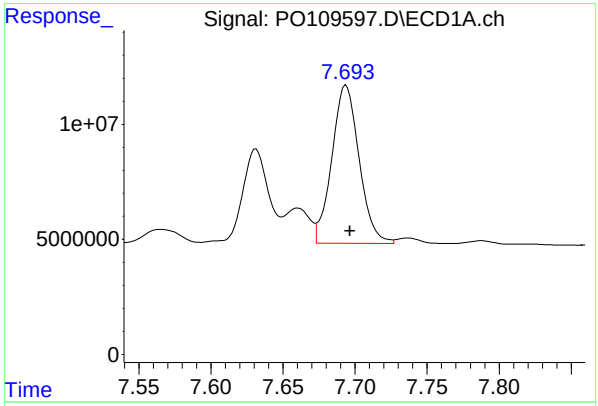
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 50918592
Conc: 38.45 ng/ml



#41 AR-1268-1

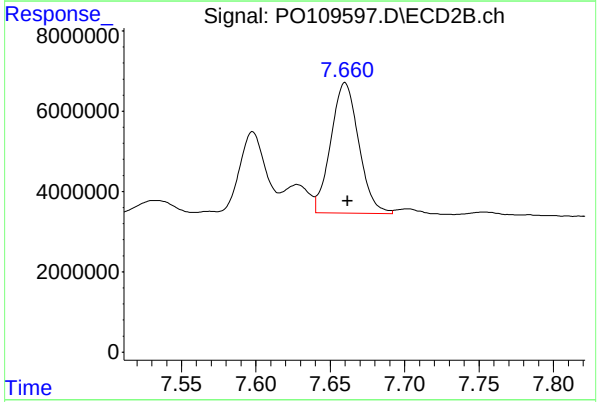
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 24060780
Conc: 42.11 ng/ml



#42 AR-1268-2

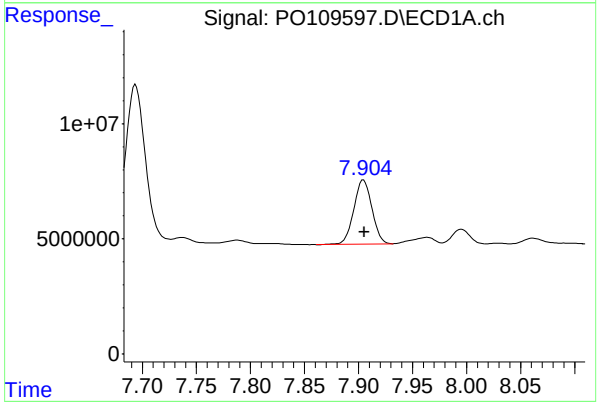
R.T.: 7.694 min
Delta R.T.: -0.003 mi
Response: 90401677
Conc: 74.77 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3BDL



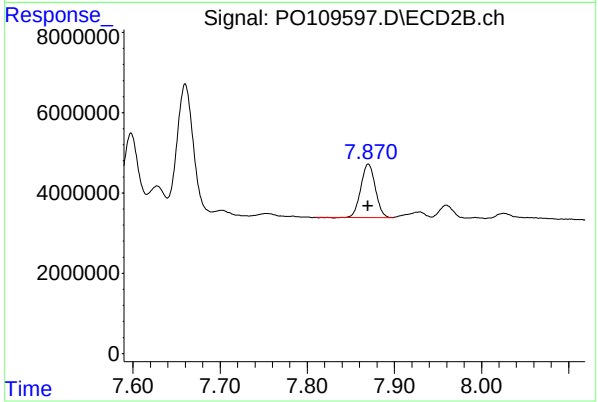
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 42622715
Conc: 81.19 ng/ml



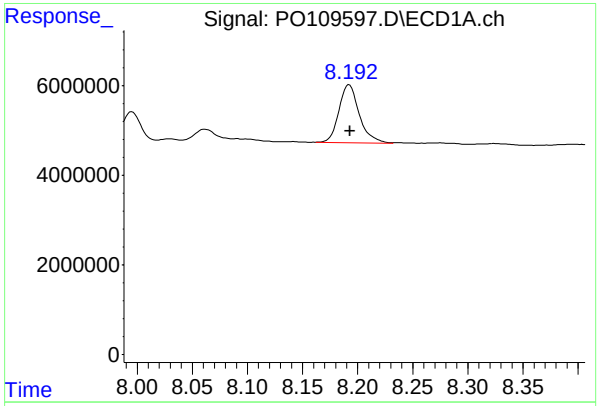
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 32521285
Conc: 31.94 ng/ml



#43 AR-1268-3

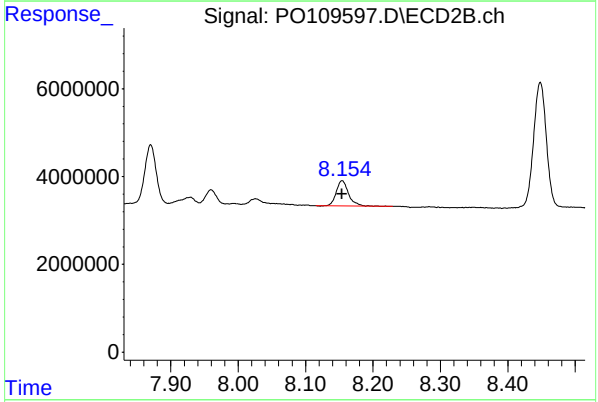
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 15458561
Conc: 36.11 ng/ml



#44 AR-1268-4

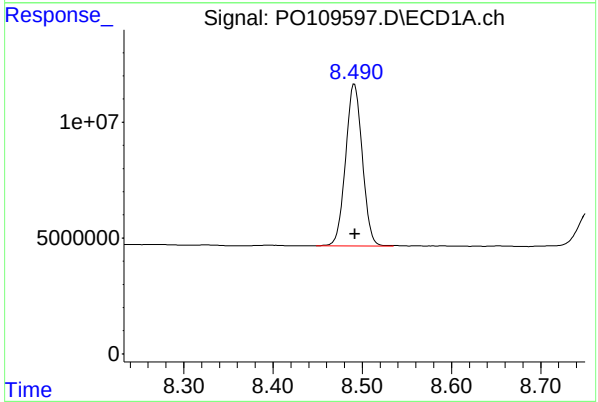
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 16730454
Conc: 39.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3BDL



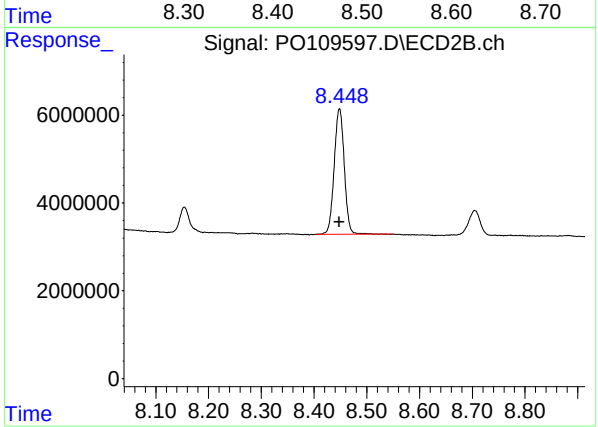
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 7116794
Conc: 44.11 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 91083292
Conc: 30.16 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 38100629
Conc: 34.85 ng/ml

Raw Data: **PO109686.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:	K084-3C	SDG No.:	Q1433
Lab Sample ID:	Q1433-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	76.6 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
PO109686.D	1	03/06/25 11:40	03/07/25 01:41	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	22.1	ug/kg
11104-28-2	Aroclor-1221	8.30	U	8.30	22.1	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	22.1	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	22.1	ug/kg
12672-29-6	Aroclor-1248	10.3	U	10.3	22.1	ug/kg
11097-69-1	Aroclor-1254	1100	E	3.60	22.1	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	22.1	ug/kg
11100-14-4	Aroclor-1268	54.9		4.50	22.1	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	22.1	ug/kg
Total PCBs	Total PCBs	1100		8.10	22.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	26.6		32 - 175	133%	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 : PO109686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 01:41
Operator : YP/AJ
Sample : Q1433-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-3C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:45:17 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...	3.697	3.694	192.7E6	110.7E6	20.360	21.142
2)	SA Decachlor...	8.752	8.703	207.3E6	84764800	24.100	26.620
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.580	313.2E6	176.3E6	607.453	674.255
27)	L6 AR-1254-2	5.749	5.727	507.3E6	284.5E6	1126.361	1213.021
28)	L6 AR-1254-3	6.155	6.130	1147.1E6	635.7E6	1602.171	1782.021
29)	L6 AR-1254-4	6.385	6.358	550.8E6	288.0E6	1315.192	1491.145
30)	L6 AR-1254-5	6.804	6.775	3883.0E6	2073.6E6	6223.754	6988.222
41)	L9 AR-1268-1	7.633	7.598	118.3E6	52422616	89.340	91.742
42)	L9 AR-1268-2	7.694	7.661	279.8E6	128.6E6	231.410	244.994
43)	L9 AR-1268-3	7.905	7.870	64418957	29437900	63.269	68.773
44)	L9 AR-1268-4	8.194	8.155	54911100	24683749	129.246	152.997
45)	L9 AR-1268-5	8.493	8.449	192.4E6	81436143	63.729	74.497

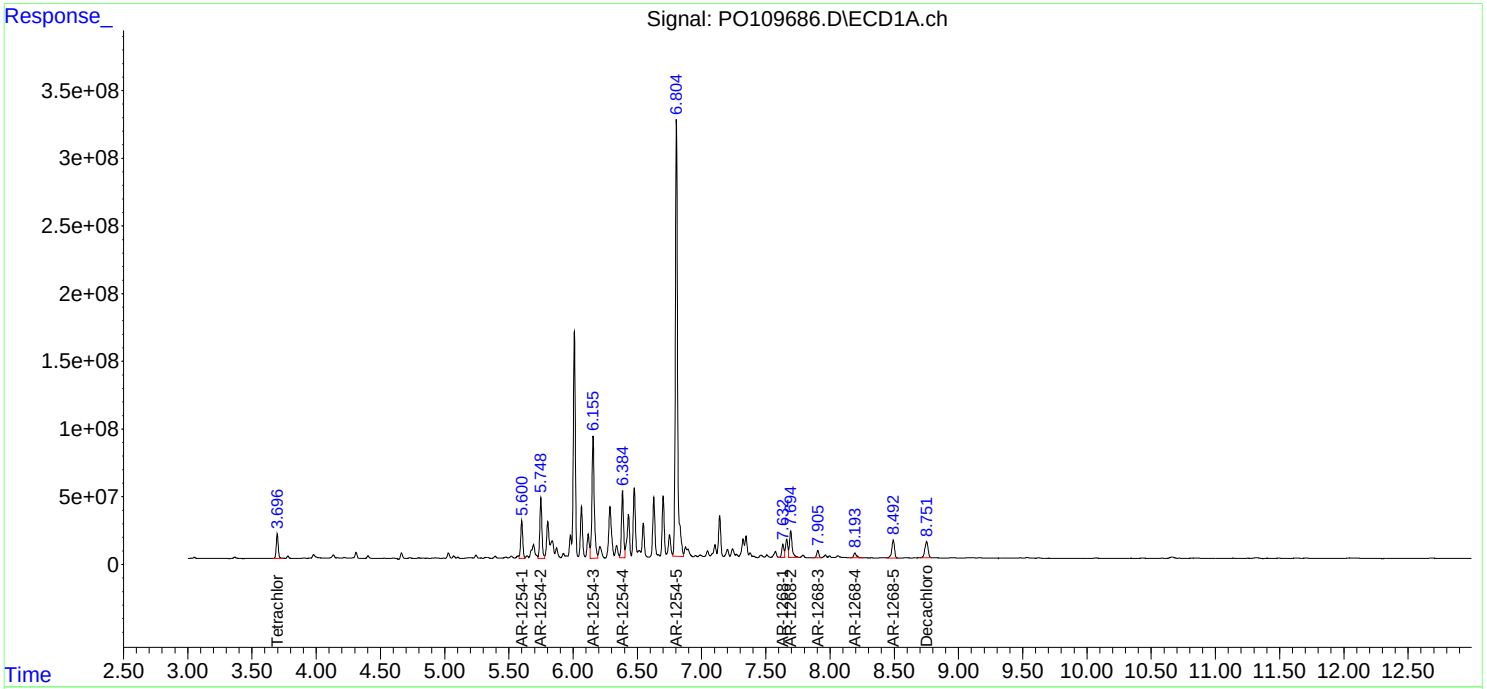
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

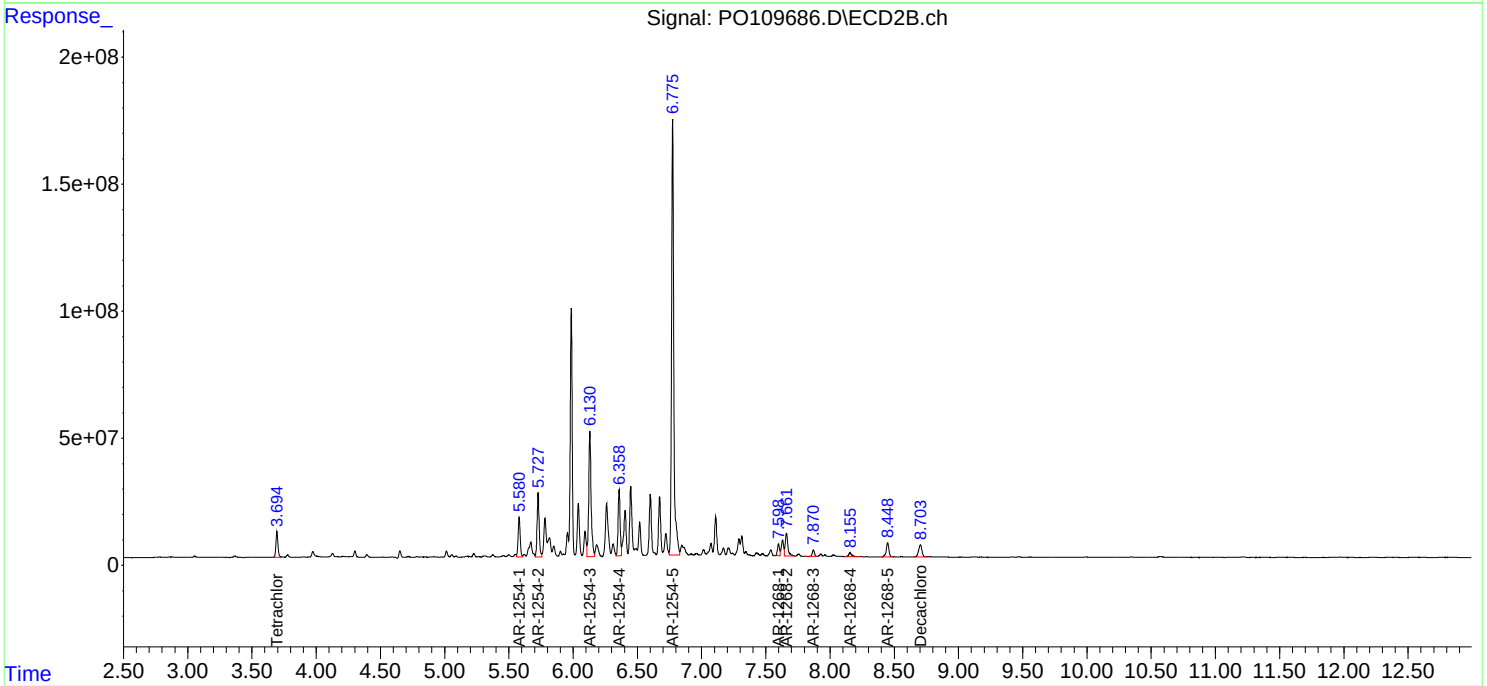
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 01:41
Operator : YP/AJ
Sample : Q1433-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

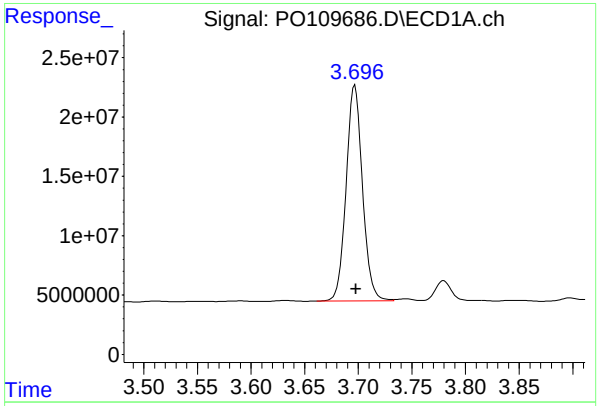
Instrument :
ECD_O
ClientSampleId :
K084-3C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:45:17 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



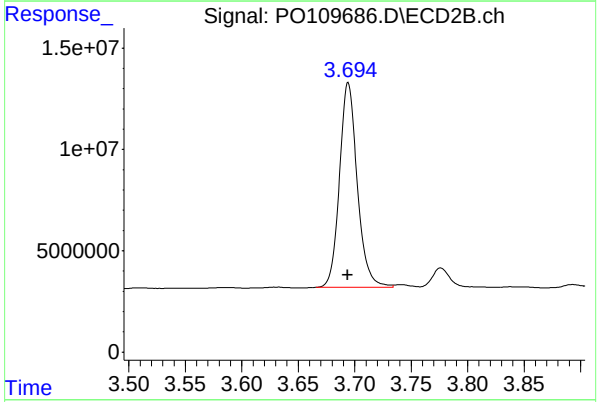




#1 Tetrachloro-m-xylene

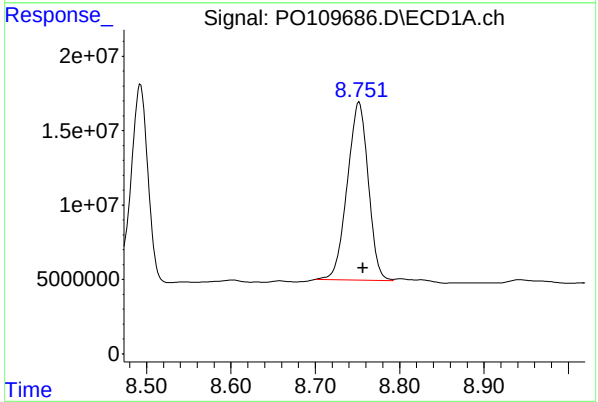
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 192712188
Conc: 20.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3C



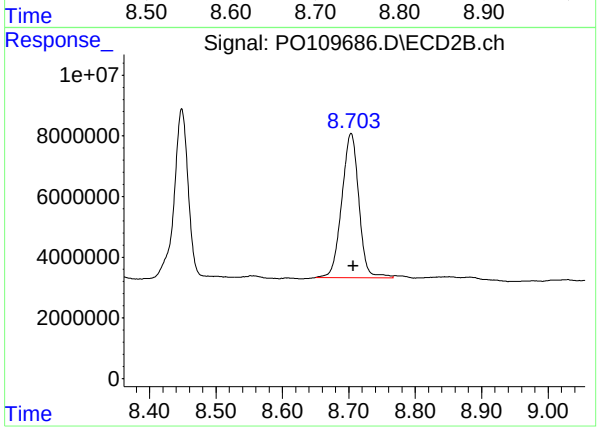
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 110662903
Conc: 21.14 ng/ml



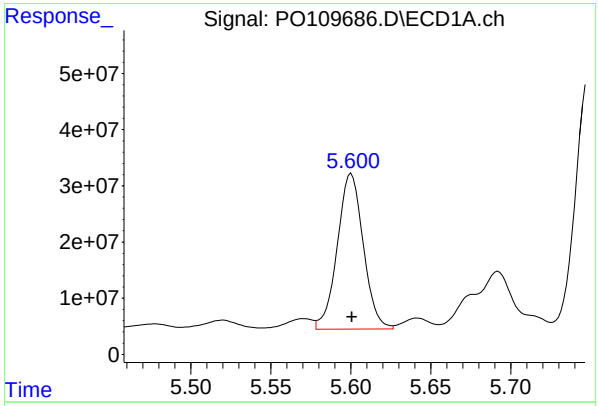
#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 207305355
Conc: 24.10 ng/ml



#2 Decachlorobiphenyl

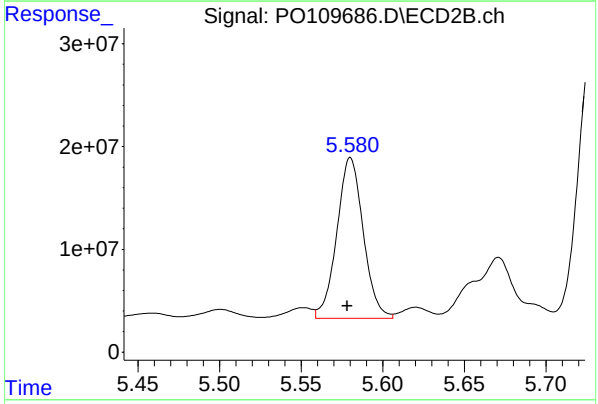
R.T.: 8.703 min
Delta R.T.: -0.003 min
Response: 84764800
Conc: 26.62 ng/ml



#26 AR-1254-1

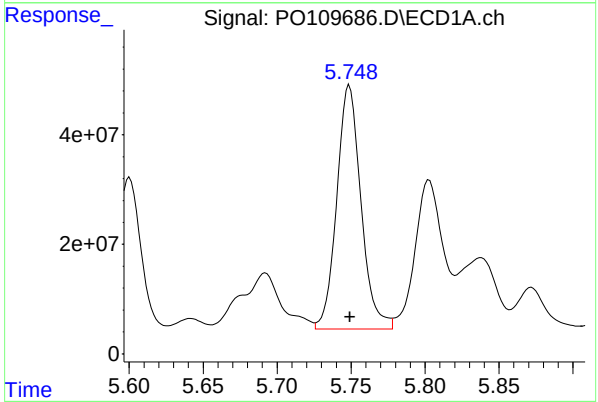
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 313206804
Conc: 607.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3C



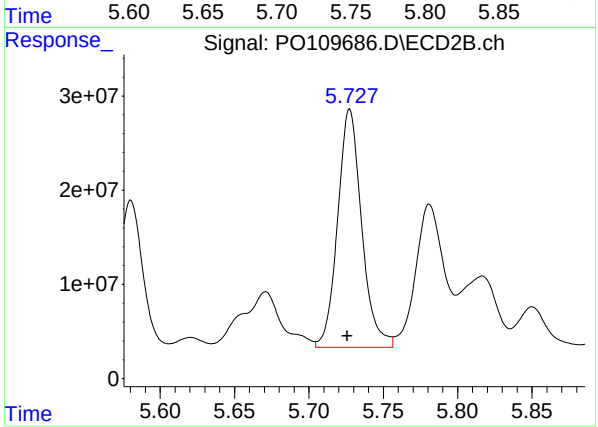
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.002 min
Response: 176343539
Conc: 674.26 ng/ml



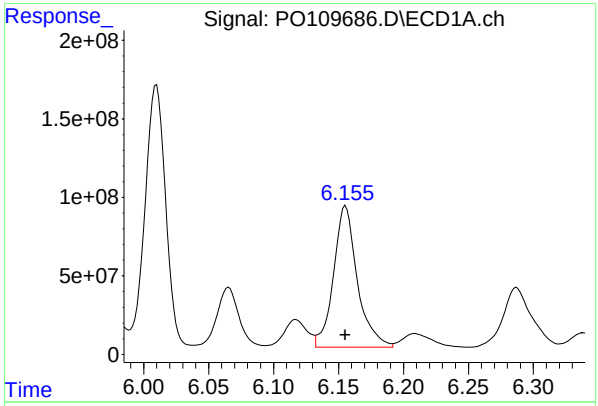
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 507284524
Conc: 1126.36 ng/ml



#27 AR-1254-2

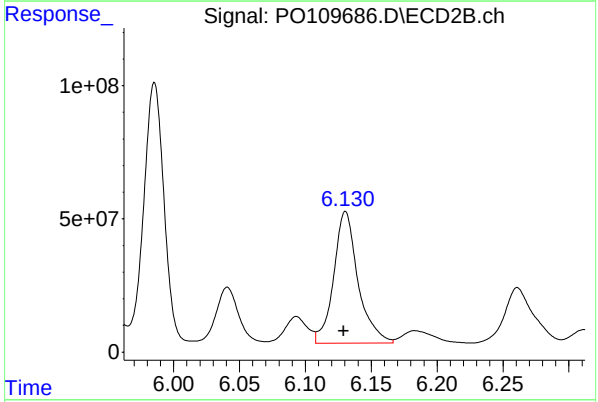
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 284527909
Conc: 1213.02 ng/ml



#28 AR-1254-3

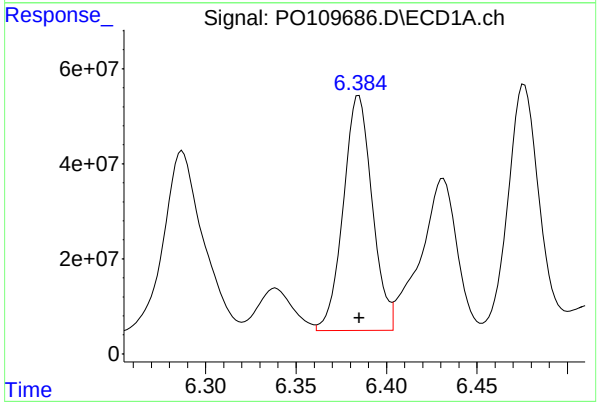
R.T.: 6.155 min
Delta R.T.: 0.000 mi
Response: 1147083287
Conc: 1602.17 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3C



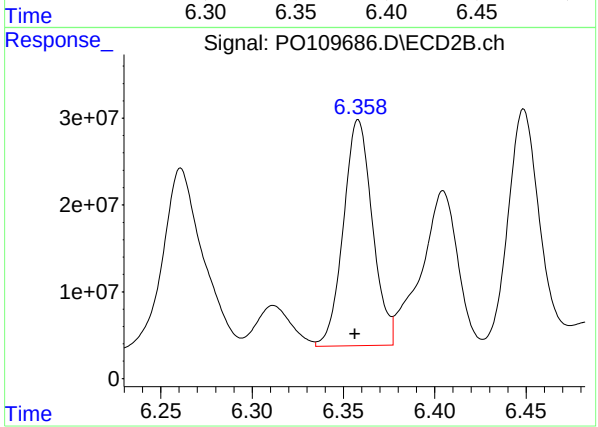
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.002 min
Response: 635655087
Conc: 1782.02 ng/ml



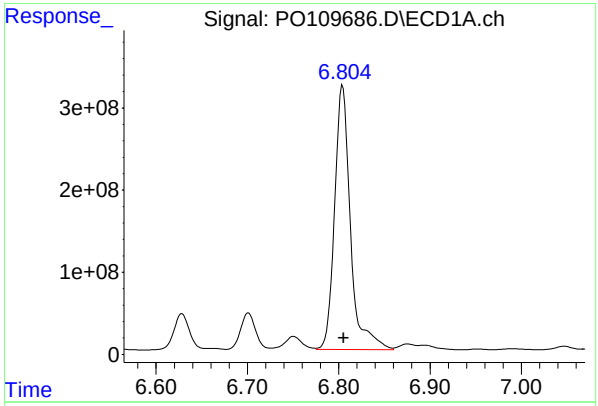
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 550791081
Conc: 1315.19 ng/ml



#29 AR-1254-4

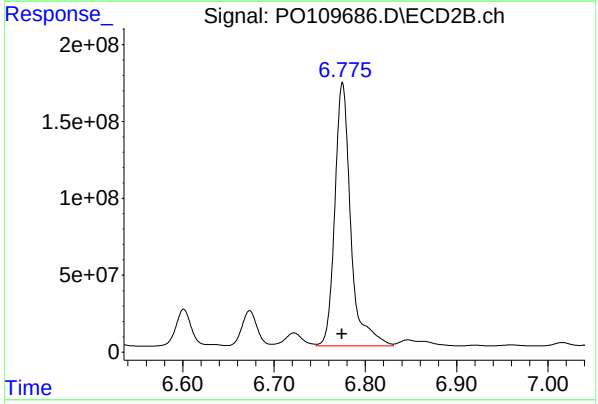
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 287974970
Conc: 1491.14 ng/ml



#30 AR-1254-5

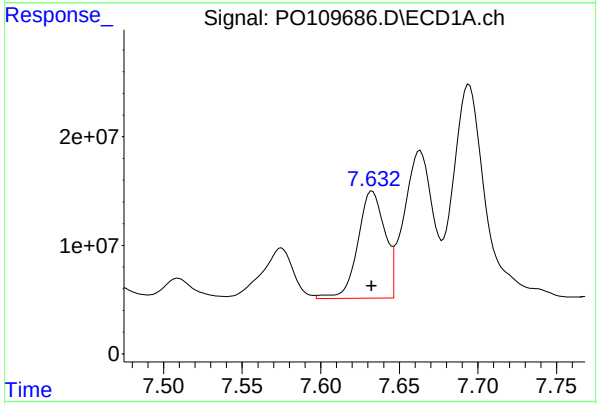
R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 3883018618
Conc: 6223.75 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3C



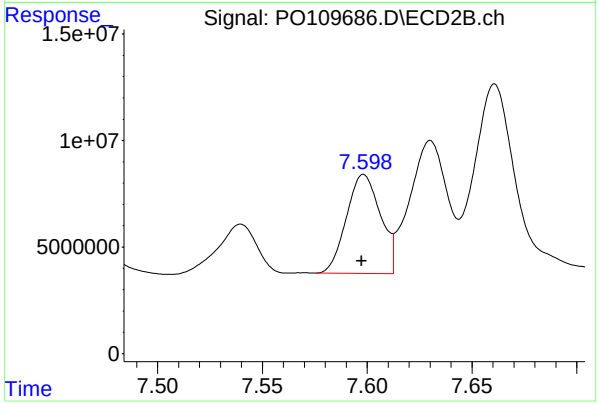
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 2073630855
Conc: 6988.22 ng/ml



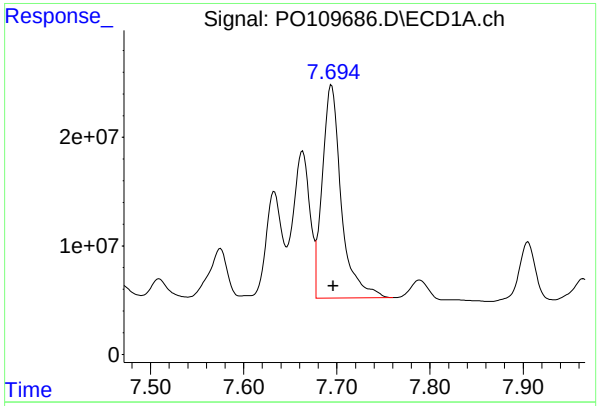
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 118305498
Conc: 89.34 ng/ml



#41 AR-1268-1

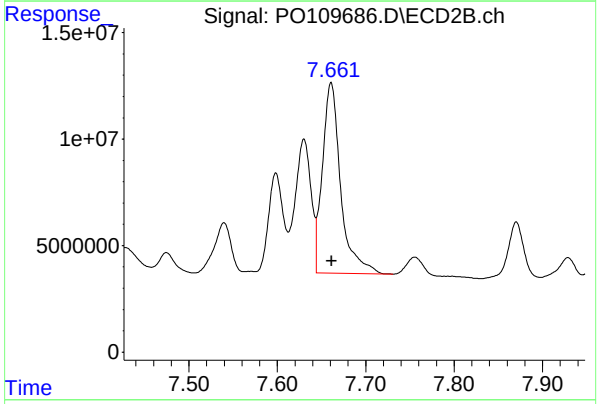
R.T.: 7.598 min
Delta R.T.: 0.001 min
Response: 52422616
Conc: 91.74 ng/ml



#42 AR-1268-2

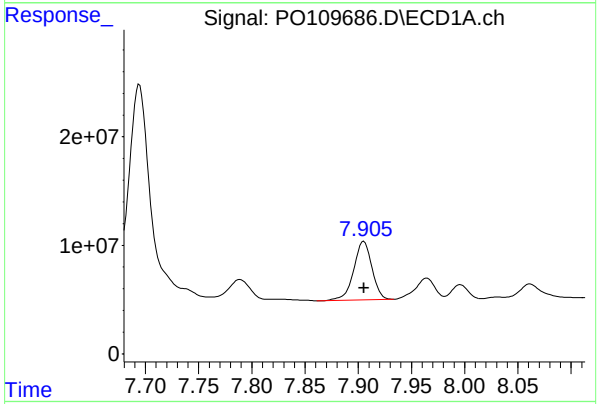
R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 279799149
Conc: 231.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3C



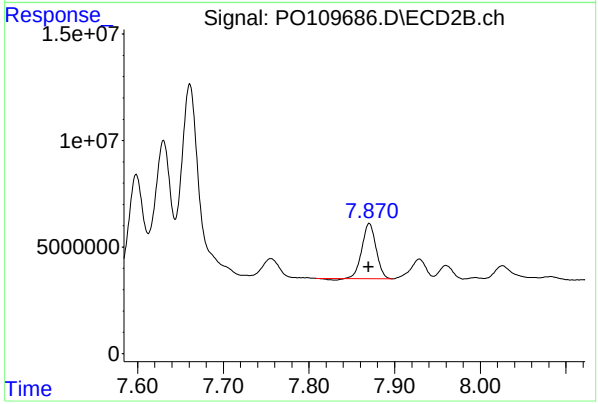
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 128608051
Conc: 244.99 ng/ml



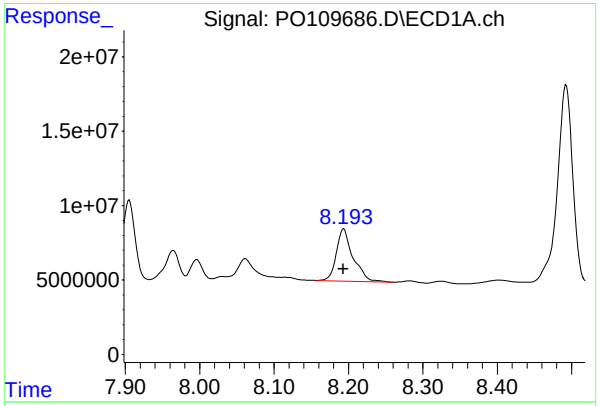
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 64418957
Conc: 63.27 ng/ml



#43 AR-1268-3

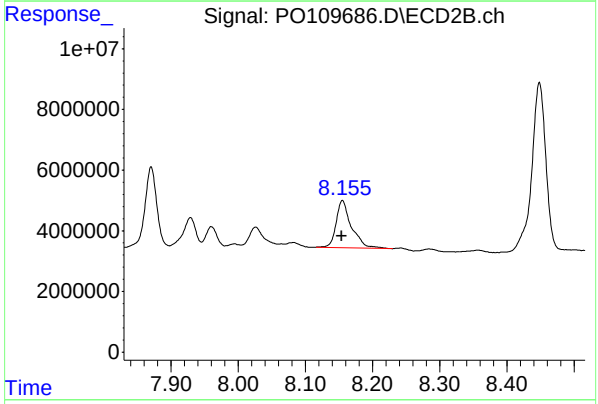
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 29437900
Conc: 68.77 ng/ml



#44 AR-1268-4

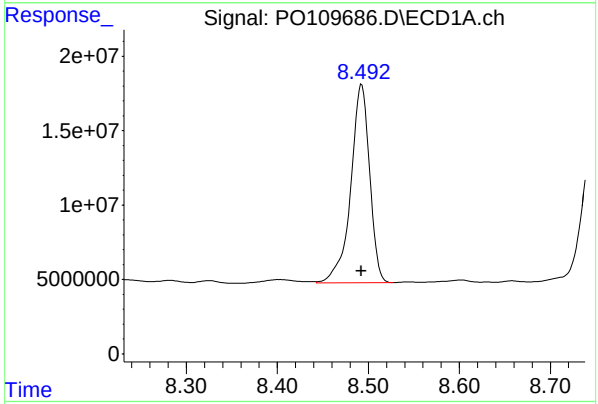
R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 54911100
Conc: 129.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3C



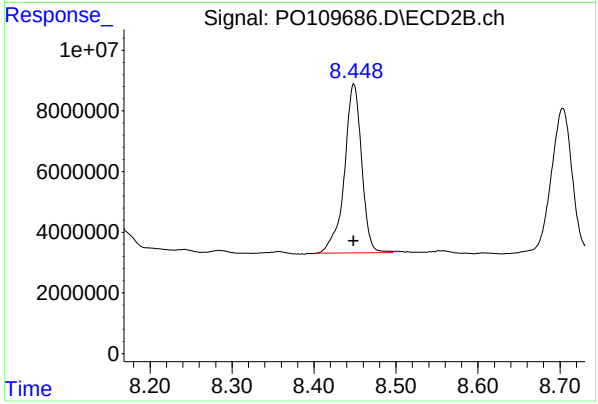
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 24683749
Conc: 153.00 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 192439911
Conc: 63.73 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 81436143
Conc: 74.50 ng/ml

Raw Data: **PO109704.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:	K084-3CDL	SDG No.:	Q1433
Lab Sample ID:	Q1433-09DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	76.6 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
PO109704.D	4	03/06/25 11:40	03/07/25 10:48	PB167022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	17.7	UD	17.7	88.5	ug/kg
11104-28-2	Aroclor-1221	33.4	UD	33.4	88.5	ug/kg
11141-16-5	Aroclor-1232	17.7	UD	17.7	88.5	ug/kg
53469-21-9	Aroclor-1242	17.7	UD	17.7	88.5	ug/kg
12672-29-6	Aroclor-1248	41.1	UD	41.1	88.5	ug/kg
11097-69-1	Aroclor-1254	1200	D	14.2	88.5	ug/kg
37324-23-5	Aroclor-1262	23.8	UD	23.8	88.5	ug/kg
11100-14-4	Aroclor-1268	69.0	JD	17.9	88.5	ug/kg
11096-82-5	Aroclor-1260	15.2	UD	15.2	88.5	ug/kg
Total PCBs	Total PCBs	1200	D	32.1	88.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.0		32 - 144	120%	SPK: 20
2051-24-3	Decachlorobiphenyl	32.0		32 - 175	160%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:48
Operator : YP/AJ
Sample : Q1433-09DL 4X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-3CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:46:15 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	3.693	55152134	31418991	5.827	6.003
2)	SA Decachlor...	8.750	8.702	62456456	25486147	7.261	8.004
	Target Compounds						
26)	L6 AR-1254-1	5.599	5.579	102.2E6	55363474	198.304	211.684
27)	L6 AR-1254-2	5.748	5.726	161.0E6	87337997	357.535	372.346
28)	L6 AR-1254-3	6.154	6.129	346.3E6	183.9E6	483.624	515.569
29)	L6 AR-1254-4	6.383	6.357	170.7E6	85756183	407.525	444.049
30)	L6 AR-1254-5	6.803	6.774	1031.4E6	532.2E6	1653.187	1793.371
41)	L9 AR-1268-1	7.631	7.597	38855894	16771935	29.343	29.352
42)	L9 AR-1268-2	7.693	7.659	88235176	39778567	72.976	75.777
43)	L9 AR-1268-3	7.904	7.869	21419959	9518855	21.038	22.238
44)	L9 AR-1268-4	8.192	8.154	16793899	7709648	39.528	47.787
45)	L9 AR-1268-5	8.490	8.447	58462794	25780428	19.361	23.584

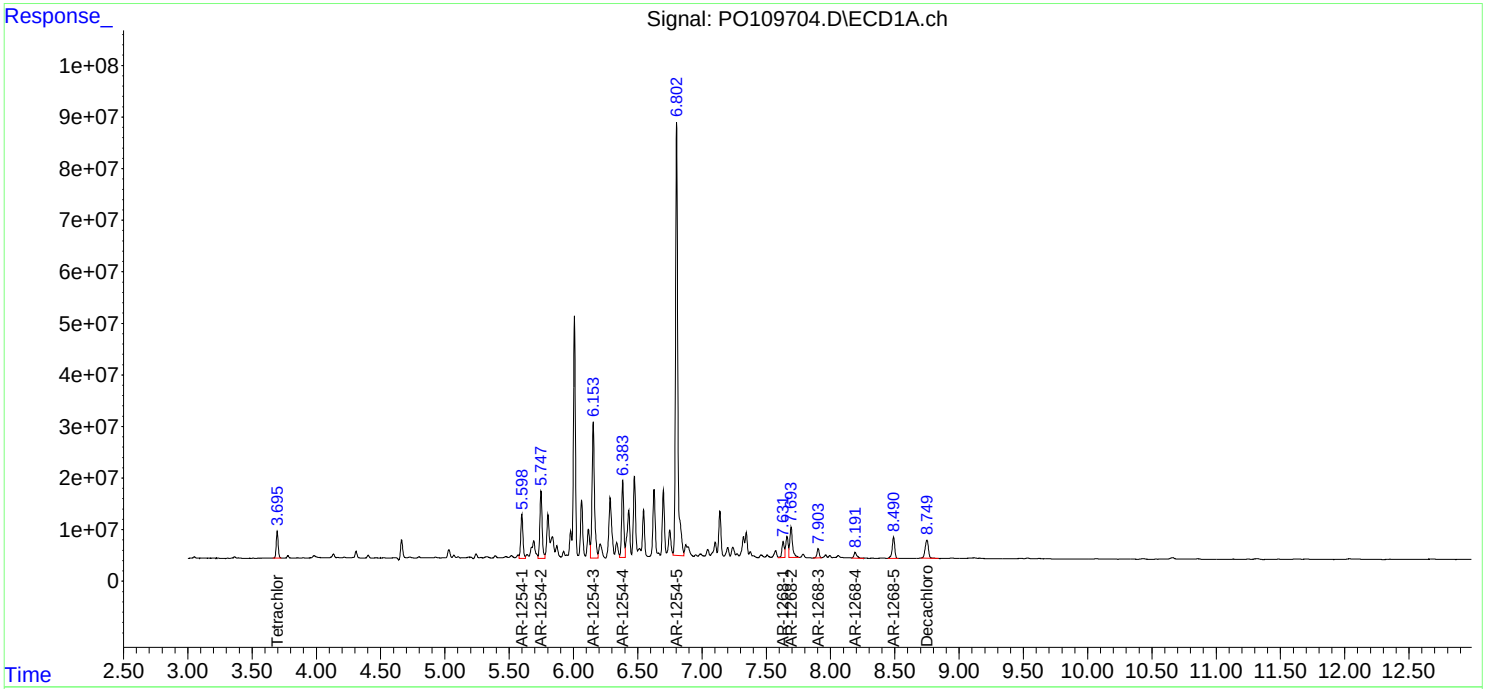
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

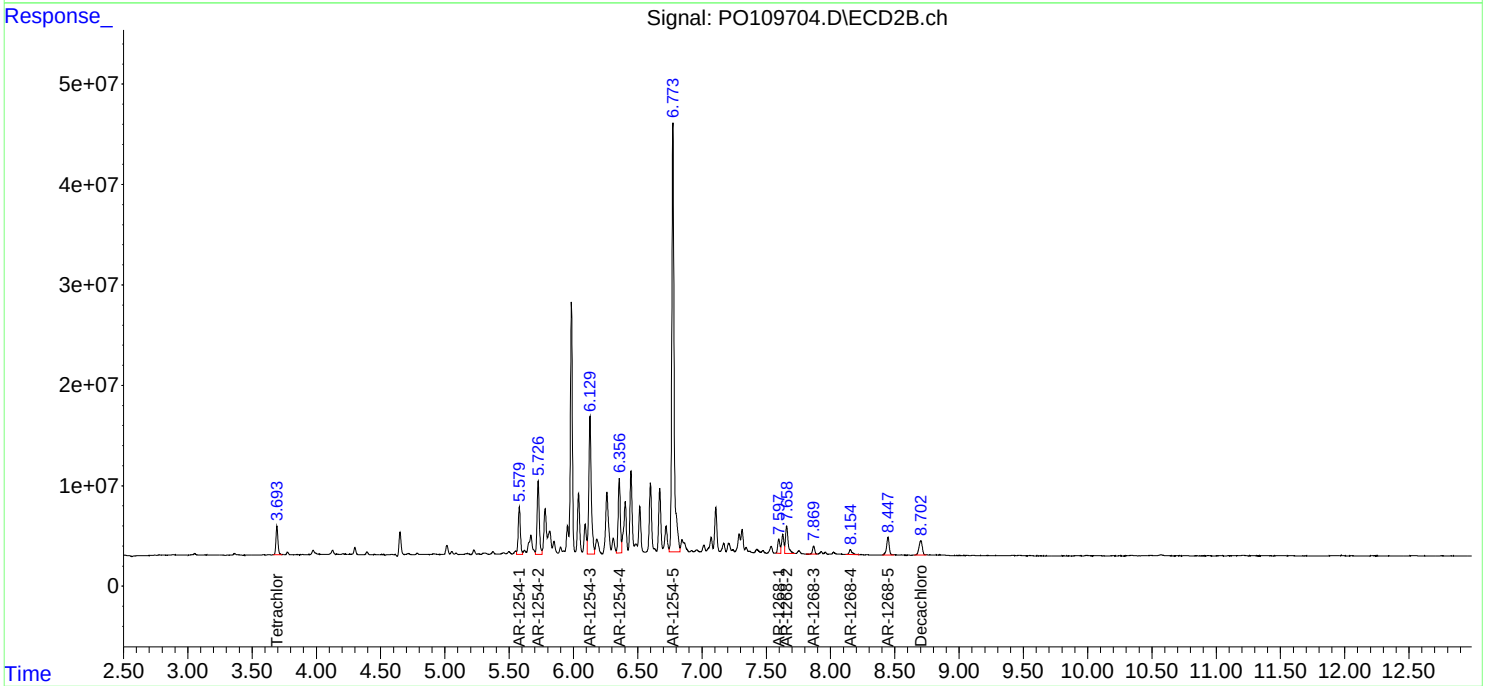
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:48
Operator : YP/AJ
Sample : Q1433-09DL 4X
Misc :
ALS Vial : 11 Sample Multiplier: 1

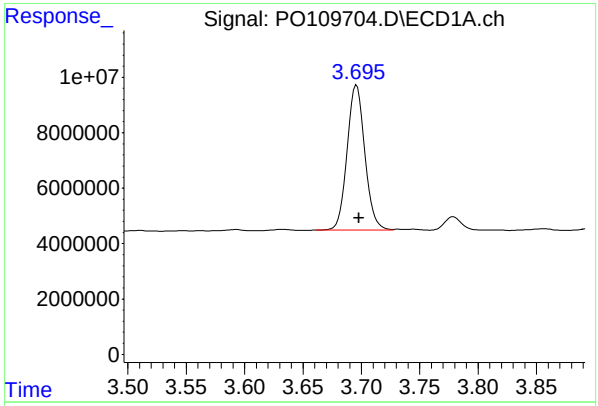
Instrument :
ECD_O
ClientSampleId :
K084-3CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:46:15 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



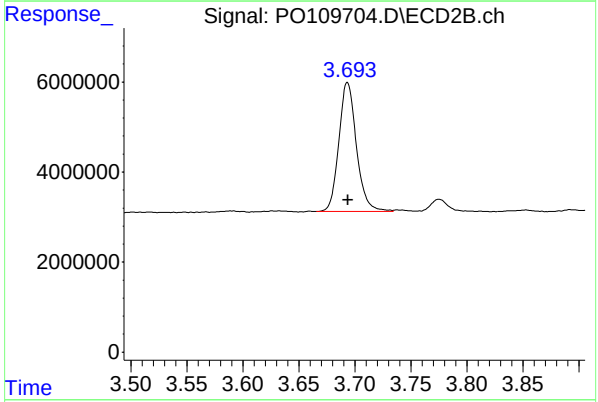




#1 Tetrachloro-m-xylene

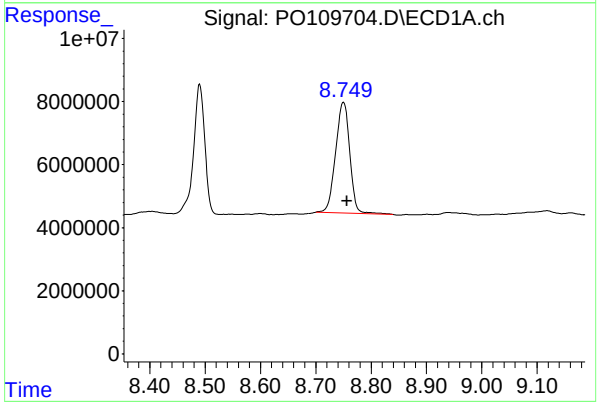
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 55152134
Conc: 5.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3CDL



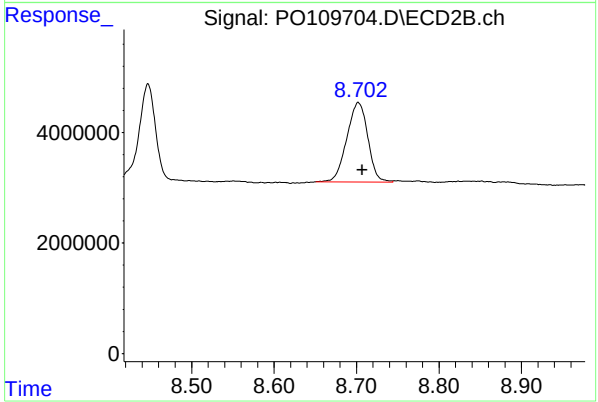
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 31418991
Conc: 6.00 ng/ml



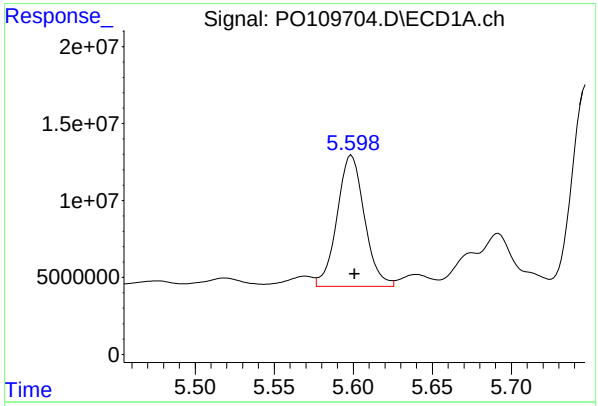
#2 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.007 min
Response: 62456456
Conc: 7.26 ng/ml



#2 Decachlorobiphenyl

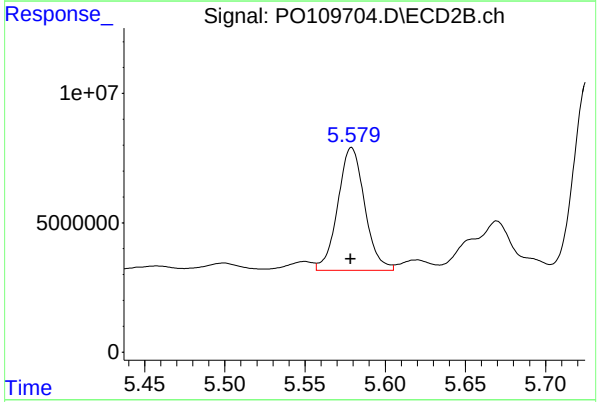
R.T.: 8.702 min
Delta R.T.: -0.005 min
Response: 25486147
Conc: 8.00 ng/ml



#26 AR-1254-1

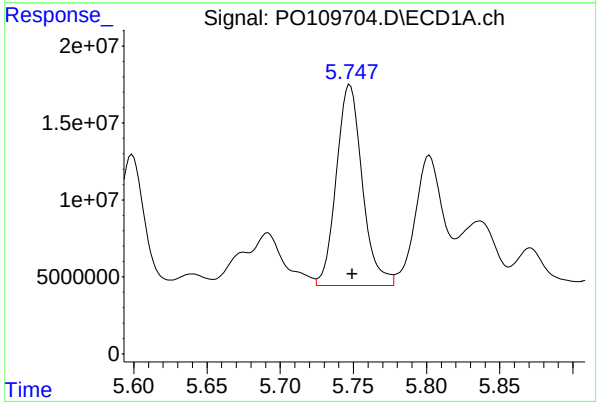
R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 102247002
Conc: 198.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3CDL



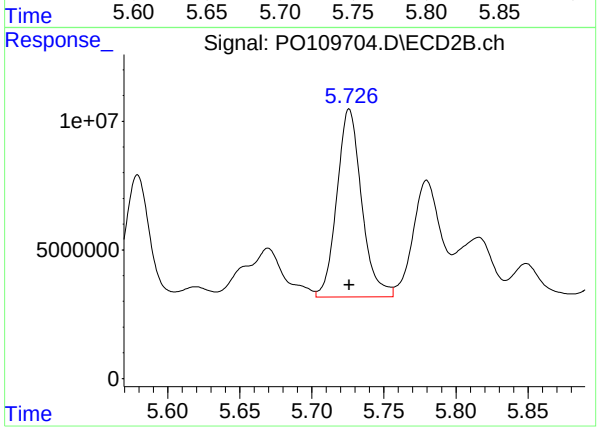
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 55363474
Conc: 211.68 ng/ml



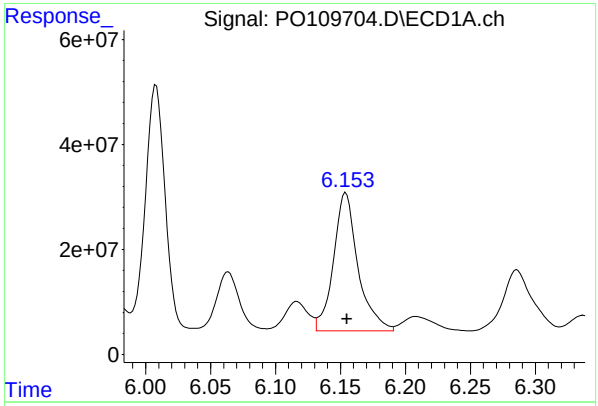
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 161024453
Conc: 357.53 ng/ml



#27 AR-1254-2

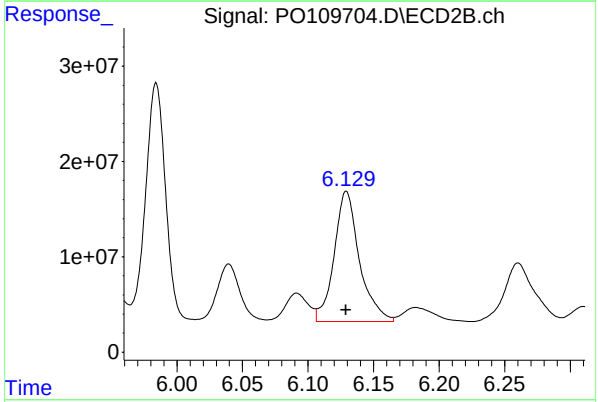
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 87337997
Conc: 372.35 ng/ml



#28 AR-1254-3

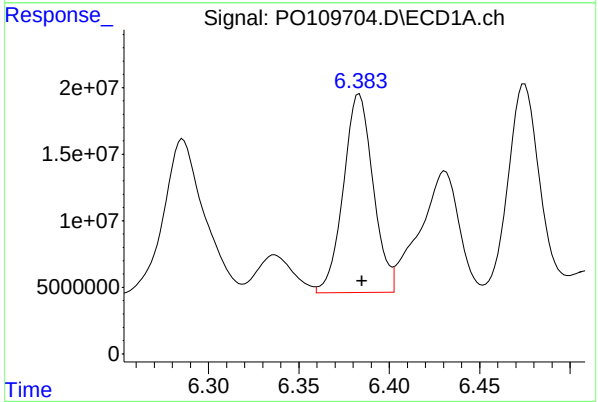
R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 346253229
Conc: 483.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3CDL



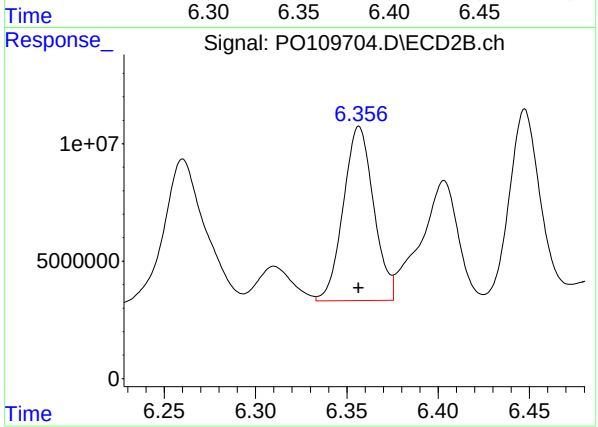
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 183905957
Conc: 515.57 ng/ml



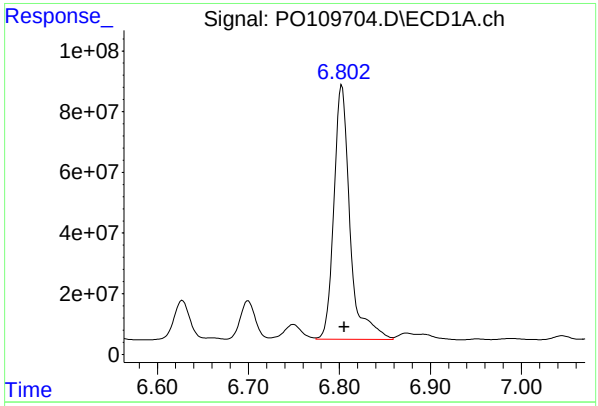
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 170668044
Conc: 407.53 ng/ml



#29 AR-1254-4

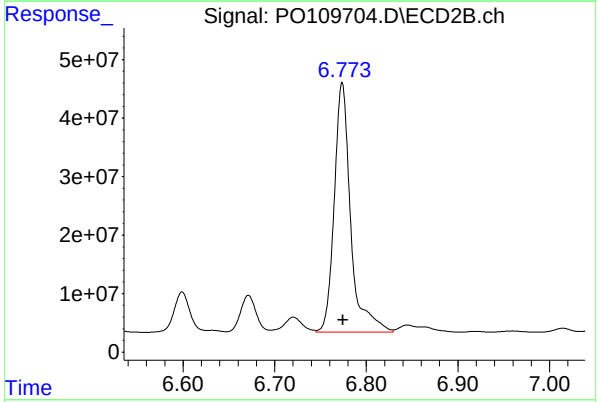
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 85756183
Conc: 444.05 ng/ml



#30 AR-1254-5

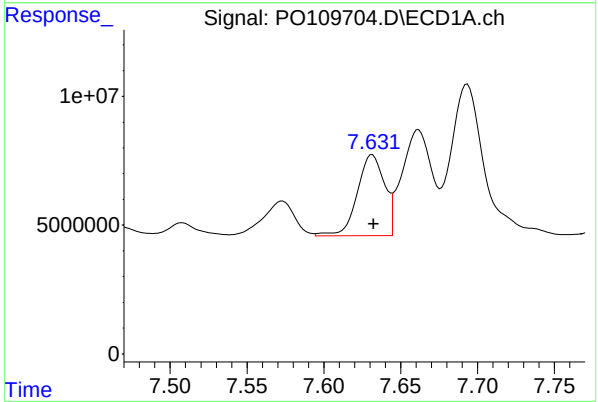
R.T.: 6.803 min
Delta R.T.: -0.003 mi
Response: 1031428231
Conc: 1653.19 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-3CDL



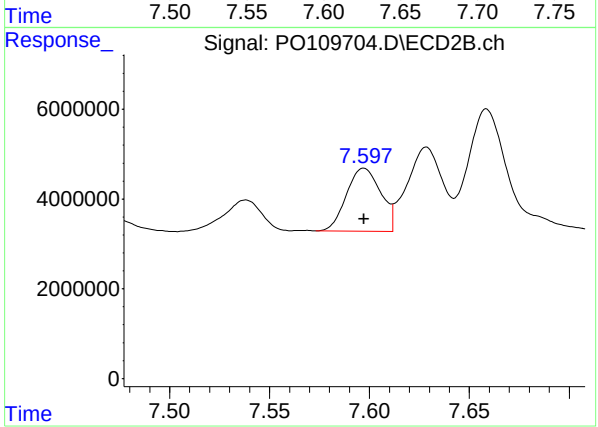
#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 532151003
Conc: 1793.37 ng/ml



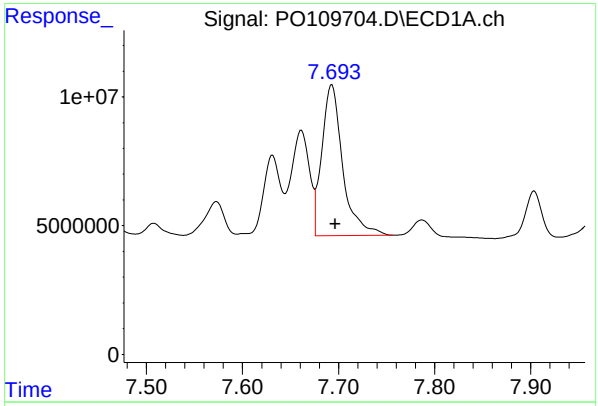
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 38855894
Conc: 29.34 ng/ml



#41 AR-1268-1

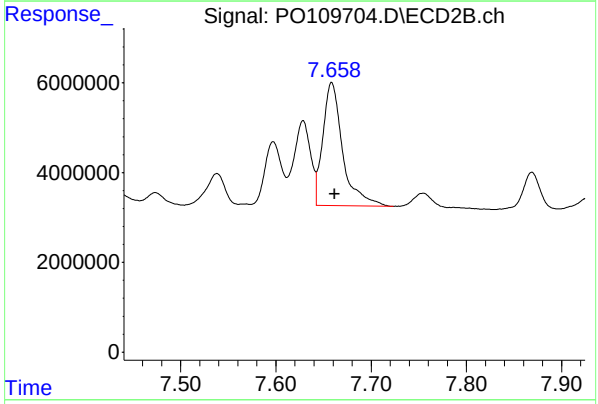
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 16771935
Conc: 29.35 ng/ml



#42 AR-1268-2

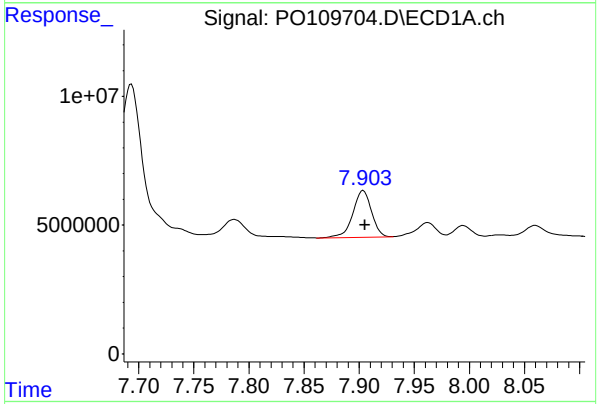
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 88235176
Conc: 72.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3CDL



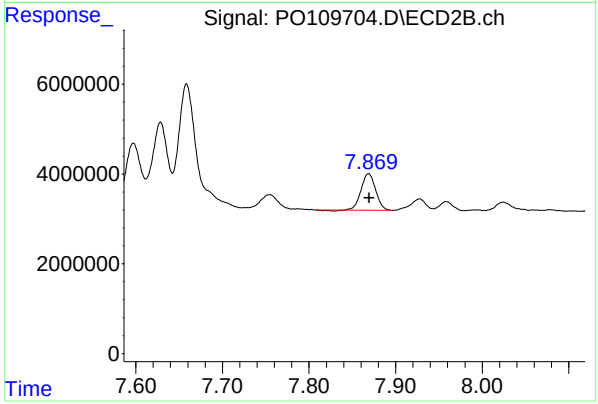
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 39778567
Conc: 75.78 ng/ml



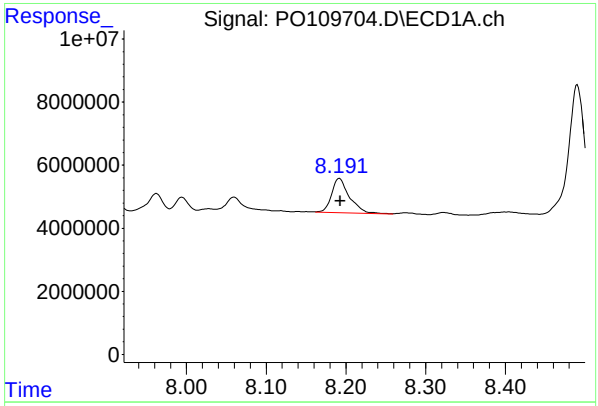
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 21419959
Conc: 21.04 ng/ml



#43 AR-1268-3

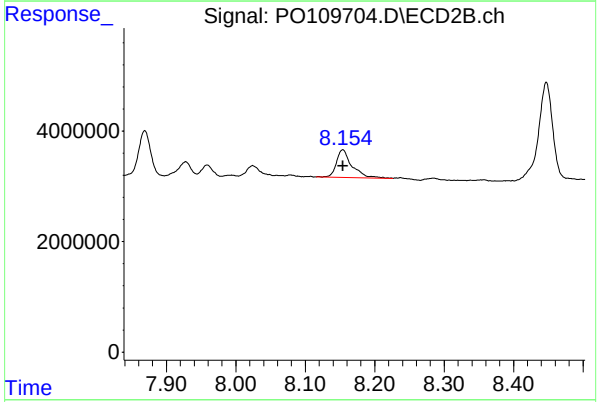
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 9518855
Conc: 22.24 ng/ml



#44 AR-1268-4

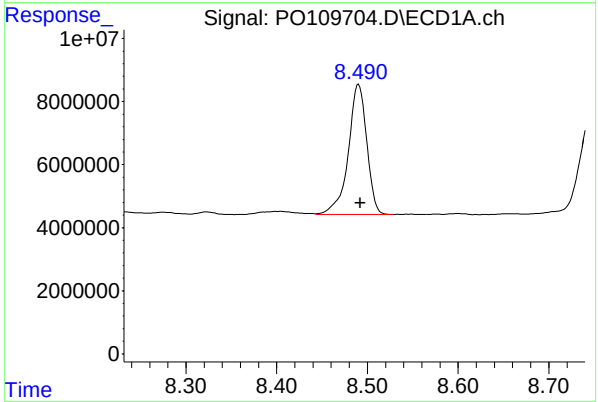
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 16793899
Conc: 39.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-3CDL



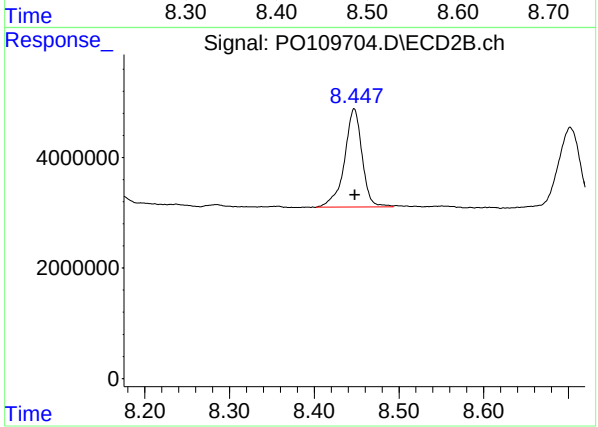
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 7709648
Conc: 47.79 ng/ml



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 58462794
Conc: 19.36 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.000 min
Response: 25780428
Conc: 23.58 ng/ml

Raw Data: **PO109559.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:	K084-4A	SDG No.:	Q1433
Lab Sample ID:	Q1433-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.2 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
PO109559.D	1	02/27/25 09:15	02/28/25 03:21	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	19.5	ug/kg
11104-28-2	Aroclor-1221	7.30	U	7.30	19.5	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.5	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.5	ug/kg
12672-29-6	Aroclor-1248	9.00	U	9.00	19.5	ug/kg
11097-69-1	Aroclor-1254	15000	EP	3.10	19.5	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.5	ug/kg
11100-14-4	Aroclor-1268	408	E	3.90	19.5	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	19.5	ug/kg
Total PCBs	Total PCBs	16000	EP	7.00	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.9		32 - 144	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	52.9	*	32 - 175	265%	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: **PO109559.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 03:21
Operator : YP/AJ
Sample : Q1433-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-4A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:01:25 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	202.4E6	119.6E6	21.386	22.855
2)	SA Decachlor...	8.751	8.704	397.0E6	168.4E6	46.151	52.896
	Target Compounds						
26)	L6 AR-1254-1	5.599	5.580	7914.6E6	4642.0E6	15350.083	17748.887
27)	L6 AR-1254-2	5.748	5.727	10765.5E6	6281.3E6	23903.421	26779.073
28)	L6 AR-1254-3	6.155	6.130	19423.9E6	13366.5E6	27130.012	37472.147 #
29)	L6 AR-1254-4	6.383	6.359	13265.0E6	9381.5E6	31674.439	48577.522 #
30)	L6 AR-1254-5	6.809	6.776	29657.9E6	20930.3E6	47536.017	70536.037 #
41)	L9 AR-1268-1	7.632	7.598	618.7E6	258.7E6	467.191	452.798
42)	L9 AR-1268-2	7.692	7.659	3628.2E6	1731.9E6	3000.732	3299.173
43)	L9 AR-1268-3	7.905	7.870	289.1E6	131.2E6	283.904	306.424
44)	L9 AR-1268-4	8.192	8.155	340.6E6	149.6E6	801.672	927.051
45)	L9 AR-1268-5	8.491	8.449	965.3E6	397.4E6	319.672	363.539

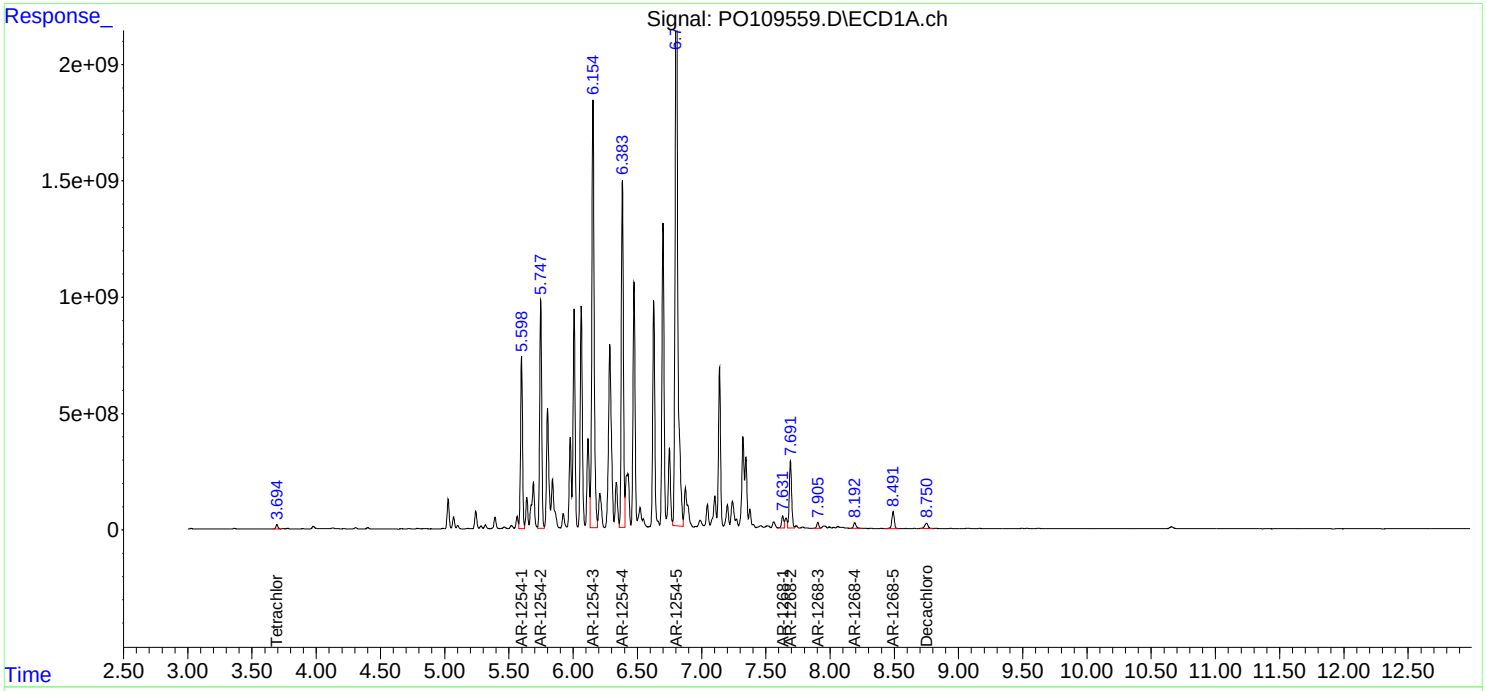
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

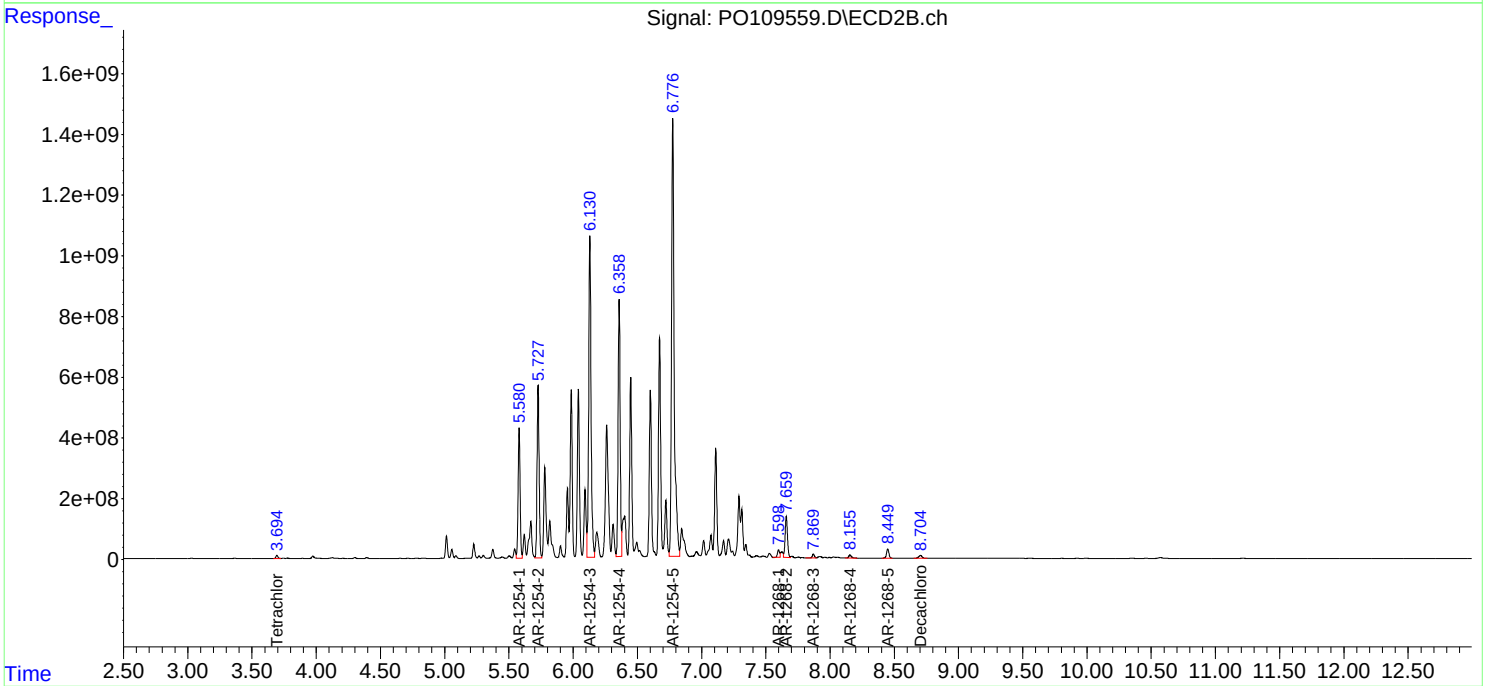
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 03:21
Operator : YP/AJ
Sample : Q1433-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

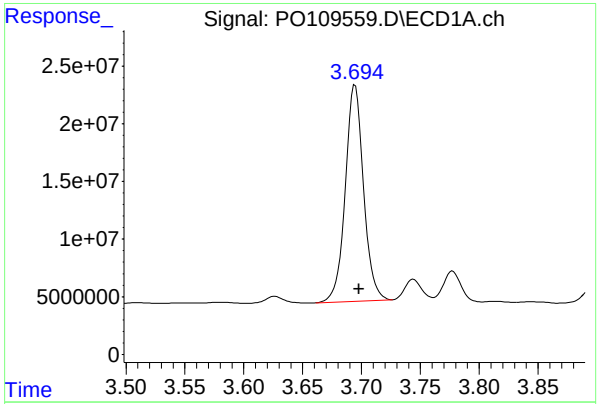
Instrument :
ECD_O
ClientSampleId :
K084-4A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:01:25 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



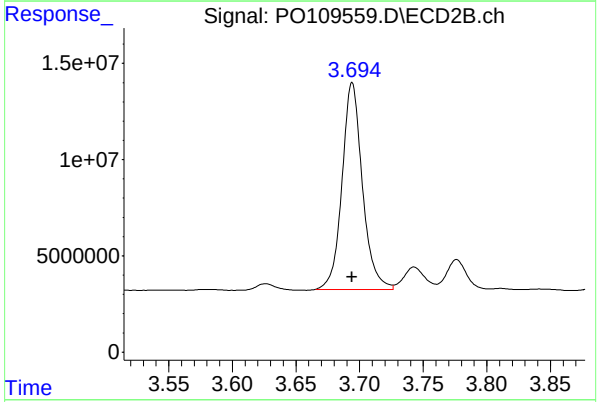




#1 Tetrachloro-m-xylene

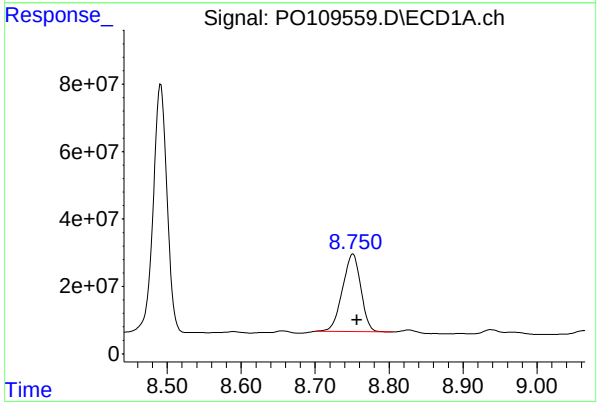
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 202420371
Conc: 21.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4A



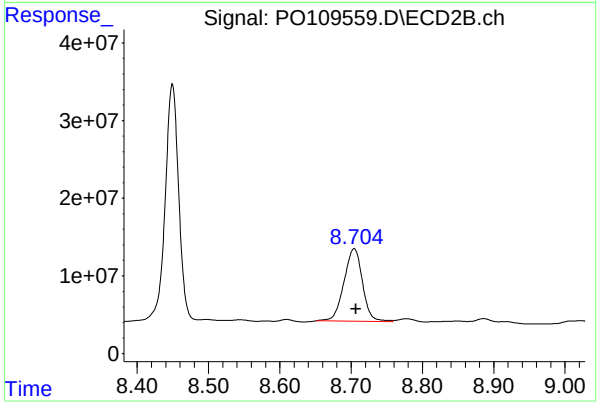
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 119630205
Conc: 22.86 ng/ml



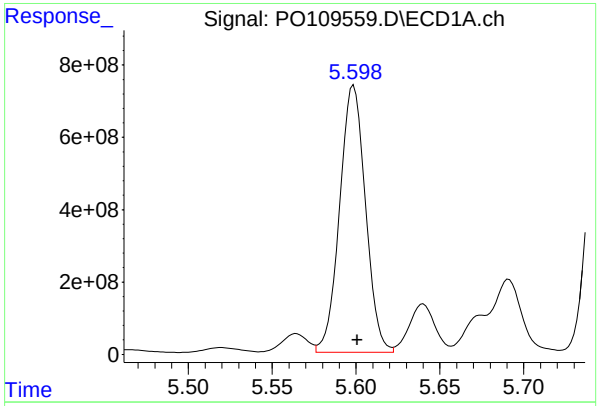
#2 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.006 min
Response: 396984344
Conc: 46.15 ng/ml



#2 Decachlorobiphenyl

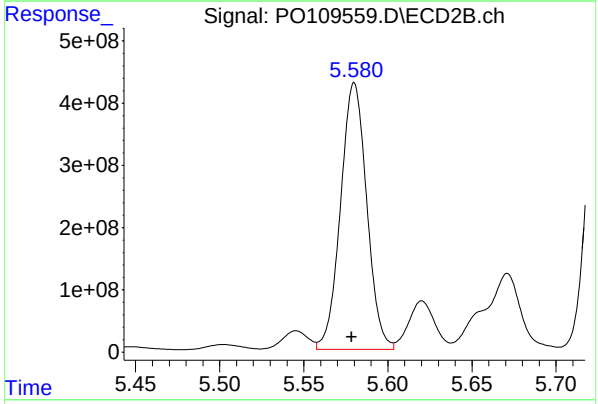
R.T.: 8.704 min
Delta R.T.: -0.002 min
Response: 168434068
Conc: 52.90 ng/ml



#26 AR-1254-1

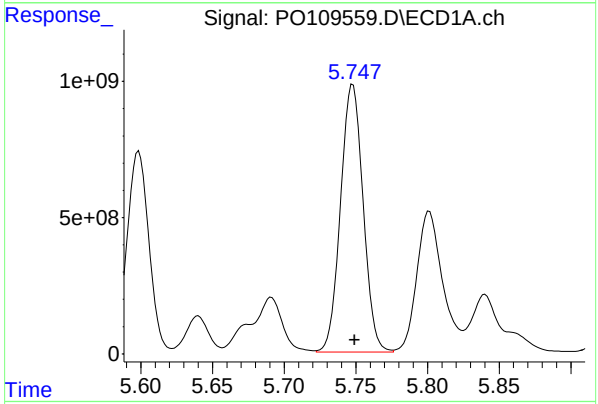
R.T.: 5.599 min
Delta R.T.: -0.002 mi
Response: 7914605121
Conc: 15350.08 ng/

Instrument :
ECD_O
ClientSampleId :
K084-4A



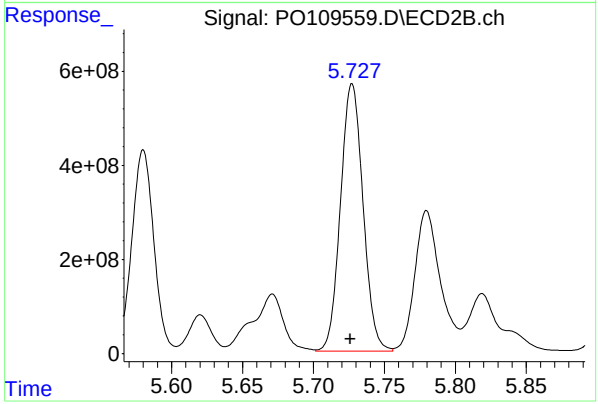
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.002 min
Response: 4642014001
Conc: 17748.89 ng/ml



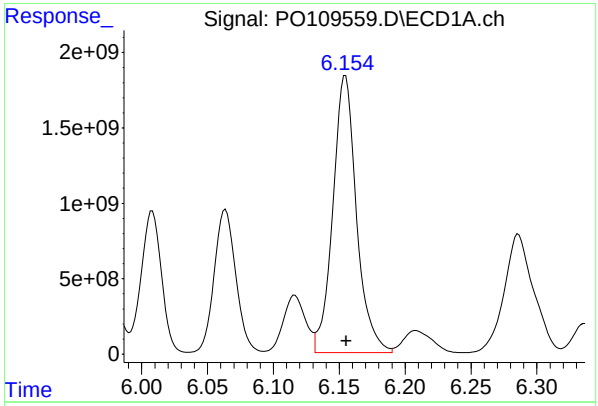
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: -0.001 min
Response: 10765491890
Conc: 23903.42 ng/ml



#27 AR-1254-2

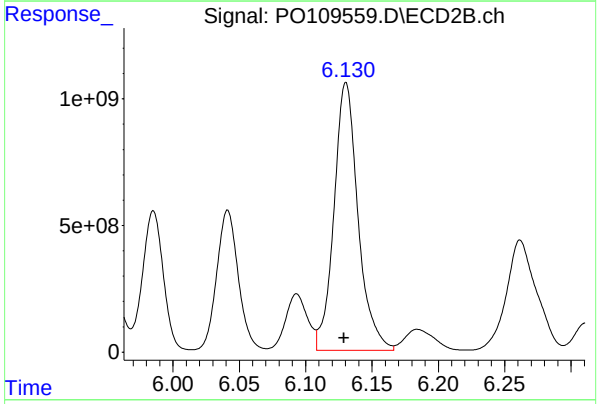
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 6281338160
Conc: 26779.07 ng/ml



#28 AR-1254-3

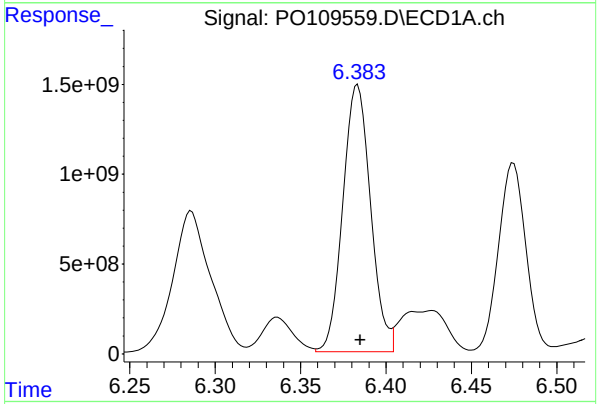
R.T.: 6.155 min
Delta R.T.: 0.000 mi
Response: 19423878748
Conc: 27130.01 ng/

Instrument :
ECD_O
ClientSampleId :
K084-4A



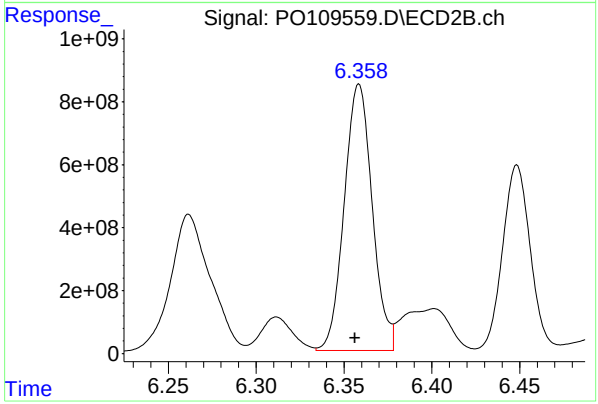
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 13366485922
Conc: 37472.15 ng/ml



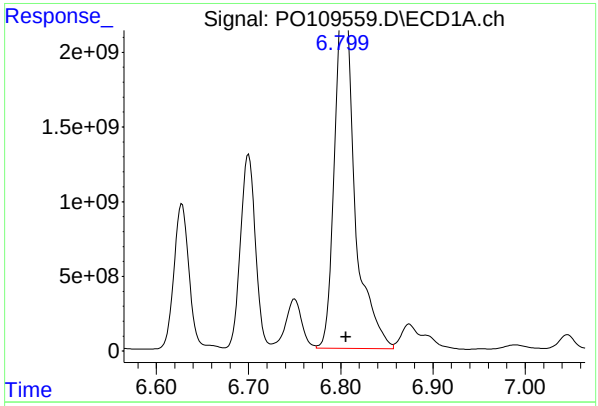
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 13264985977
Conc: 31674.44 ng/ml



#29 AR-1254-4

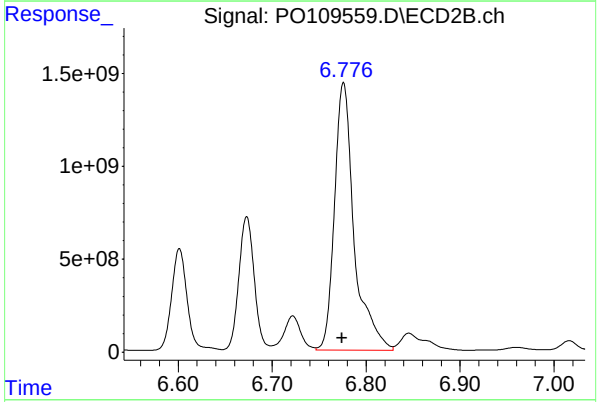
R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 9381456480
Conc: 48577.52 ng/ml



#30 AR-1254-5

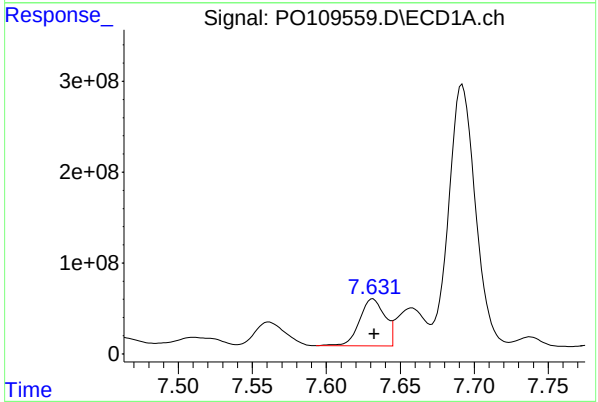
R.T.: 6.809 min
Delta R.T.: 0.004 mi
Response: 29657861156
Conc: 47536.02 ng/

Instrument :
ECD_O
ClientSampleId :
K084-4A



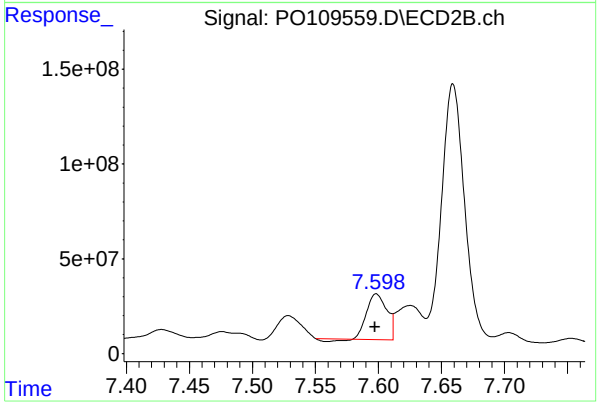
#30 AR-1254-5

R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 20930315890
Conc: 70536.04 ng/ml



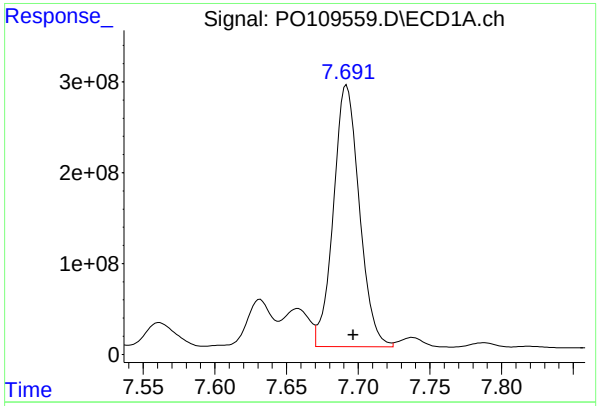
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 618662765
Conc: 467.19 ng/ml



#41 AR-1268-1

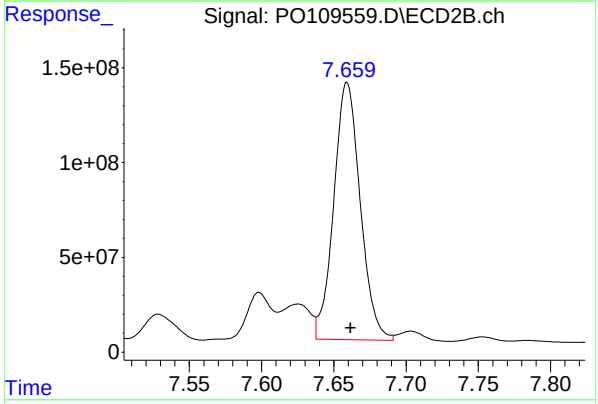
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 258734470
Conc: 452.80 ng/ml



#42 AR-1268-2

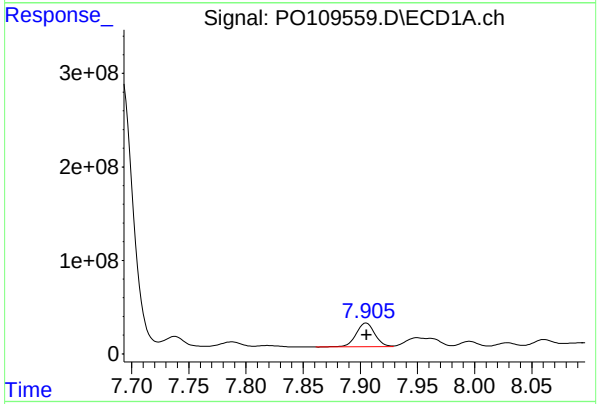
R.T.: 7.692 min
Delta R.T.: -0.004 mi
Response: 3628204591
Conc: 3000.73 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-4A



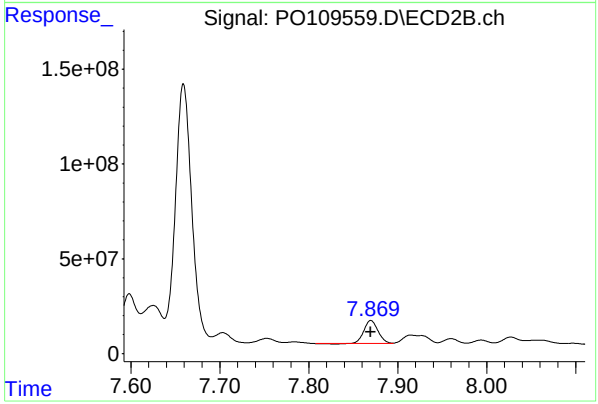
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 1731880240
Conc: 3299.17 ng/ml



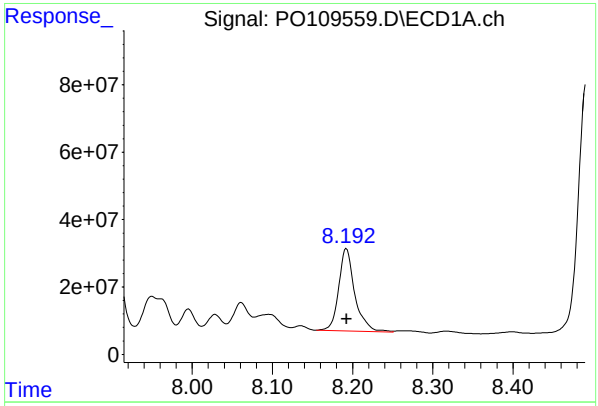
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 289064521
Conc: 283.90 ng/ml



#43 AR-1268-3

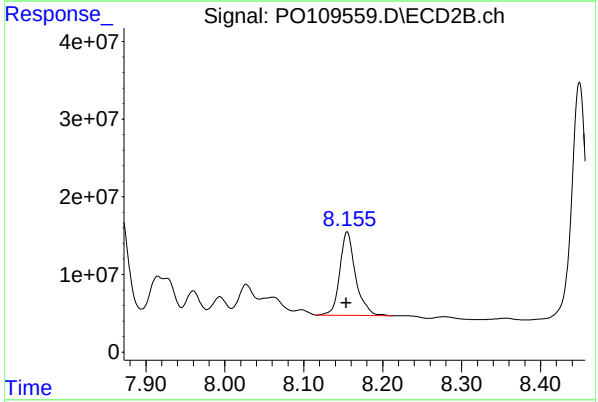
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 131162907
Conc: 306.42 ng/ml



#44 AR-1268-4

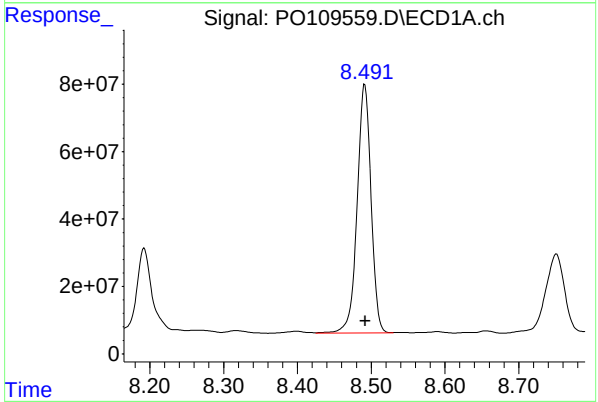
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 340597494
Conc: 801.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4A



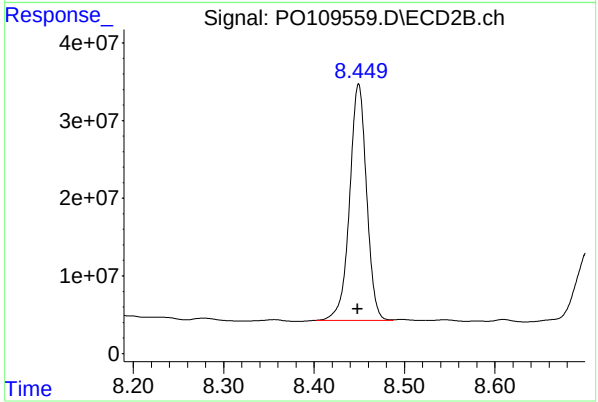
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 149565824
Conc: 927.05 ng/ml



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 965297980
Conc: 319.67 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.001 min
Response: 397400722
Conc: 363.54 ng/ml

Raw Data: **PO109598.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:	K084-4ADL	SDG No.:	Q1433
Lab Sample ID:	Q1433-10DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.2 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
PO109598.D	5	02/27/25 09:15	02/28/25 17:13	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	19.4	UD	19.4	97.3	ug/kg
11104-28-2	Aroclor-1221	36.7	UD	36.7	97.3	ug/kg
11141-16-5	Aroclor-1232	19.5	UD	19.5	97.3	ug/kg
53469-21-9	Aroclor-1242	19.4	UD	19.4	97.3	ug/kg
12672-29-6	Aroclor-1248	45.2	UD	45.2	97.3	ug/kg
11097-69-1	Aroclor-1254	18000	ED	15.6	97.3	ug/kg
37324-23-5	Aroclor-1262	26.2	UD	26.2	97.3	ug/kg
11100-14-4	Aroclor-1268	498	D	19.6	97.3	ug/kg
11096-82-5	Aroclor-1260	16.7	UD	16.7	97.3	ug/kg
Total PCBs	Total PCBs	19000	ED	35.2	97.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.3		32 - 144	132%	SPK: 20
2051-24-3	Decachlorobiphenyl	67.0	*	32 - 175	335%	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 : PO109598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 17:13
Operator : YP/AJ
Sample : Q1433-10DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-4ADL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:26:59 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	47809773	27556003	5.051	5.265
2)	SA Decachlor...	8.752	8.704	100.1E6	42701616	11.643	13.410
	Target Compounds						
26)	L6 AR-1254-1	5.600	5.580	1961.2E6	1080.6E6	3803.759	4131.597
27)	L6 AR-1254-2	5.749	5.727	2680.7E6	1473.4E6	5952.122	6281.380
28)	L6 AR-1254-3	6.155	6.130	5797.7E6	3184.7E6	8097.823	8928.173
29)	L6 AR-1254-4	6.384	6.358	4102.2E6	2151.4E6	9795.246	11140.083
30)	L6 AR-1254-5	6.804	6.775	9556.8E6	4999.3E6	15317.760	16847.718
41)	L9 AR-1268-1	7.632	7.598	159.1E6	67703702	120.174	118.485
42)	L9 AR-1268-2	7.693	7.659	859.8E6	404.9E6	711.136	771.383
43)	L9 AR-1268-3	7.905	7.870	75568551	35196456	74.219	82.226
44)	L9 AR-1268-4	8.193	8.154	89116968	38892032	209.757	241.064
45)	L9 AR-1268-5	8.492	8.448	235.5E6	100.1E6	77.978	91.535

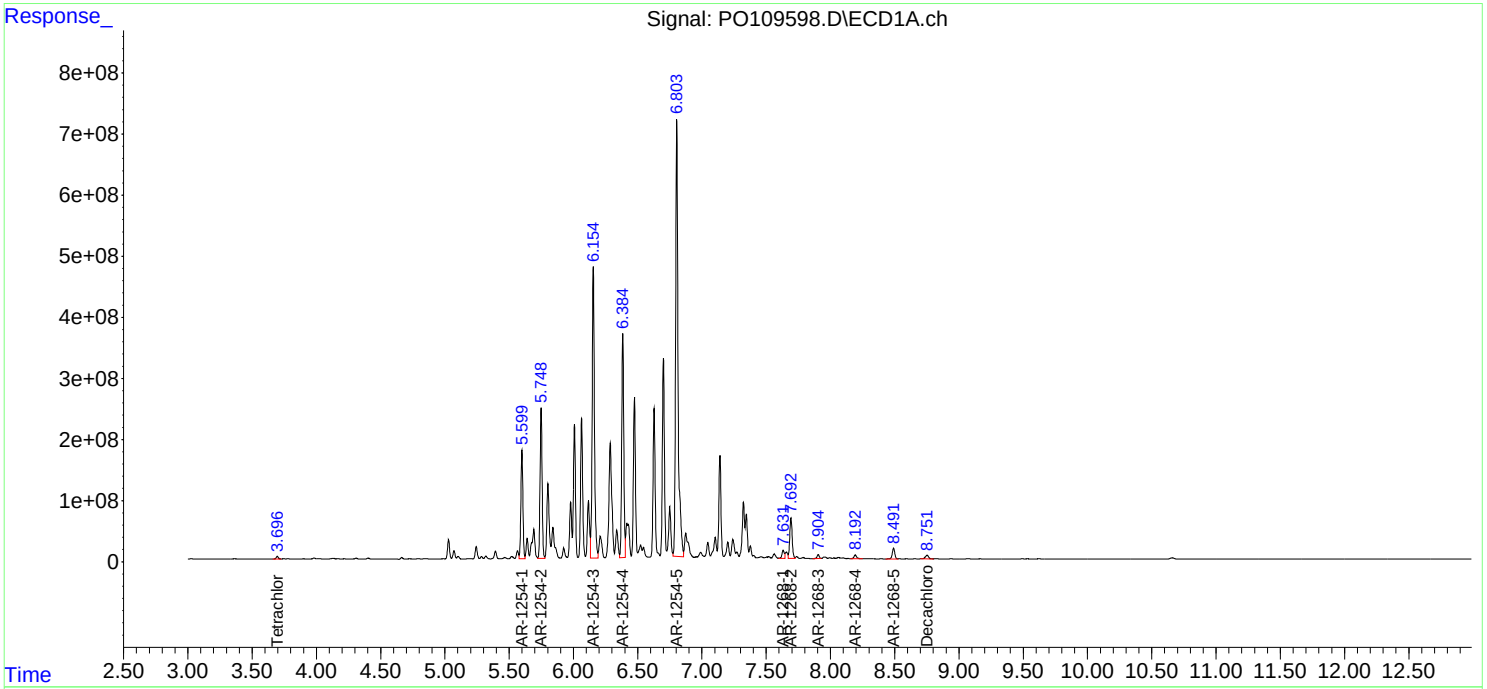
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

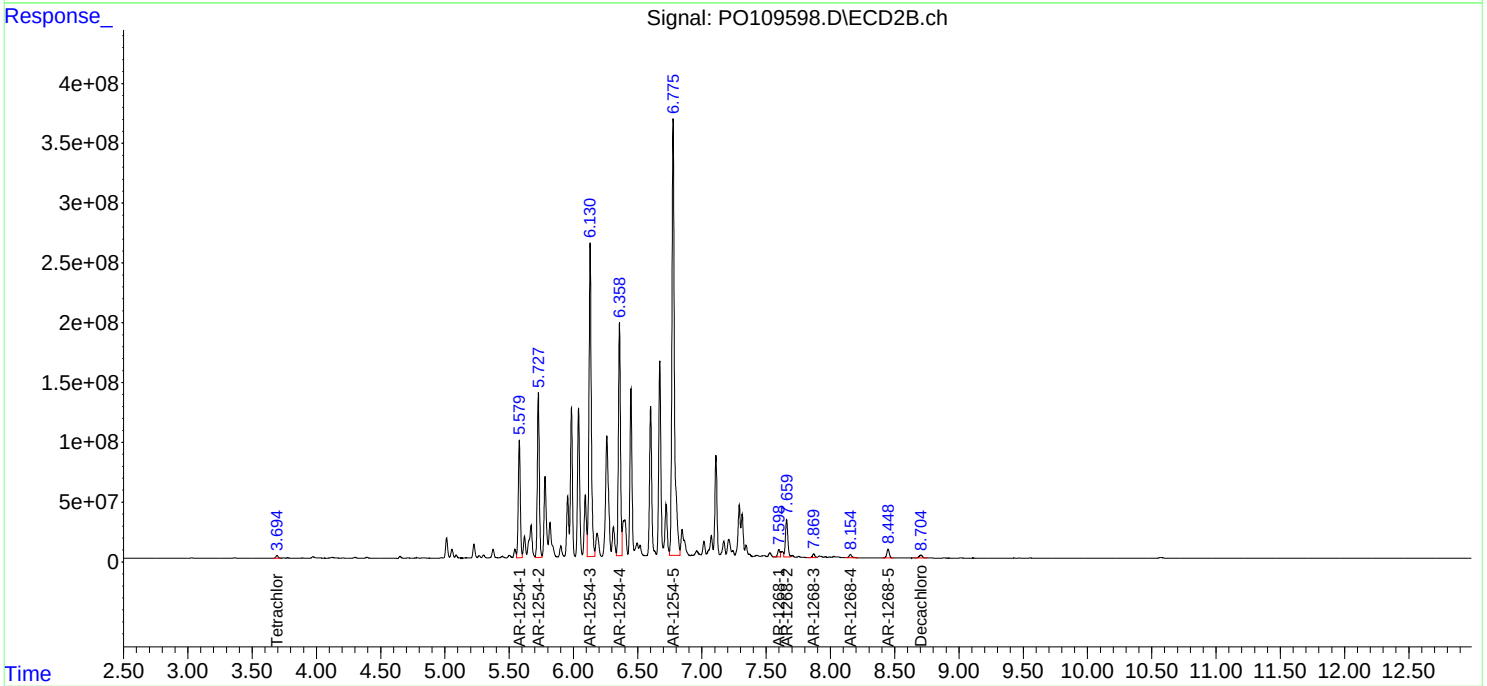
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 17:13
Operator : YP/AJ
Sample : Q1433-10DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

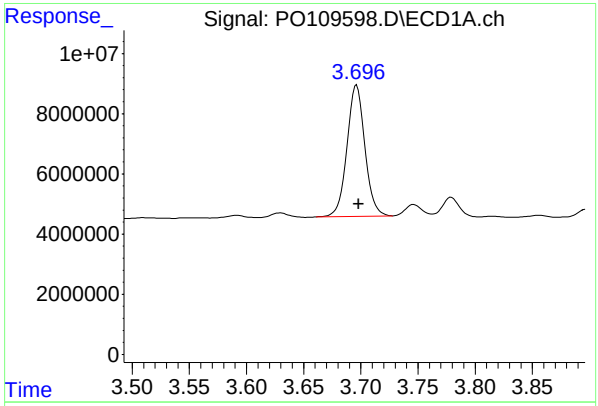
Instrument :
ECD_O
ClientSampleId :
K084-4ADL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:26:59 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



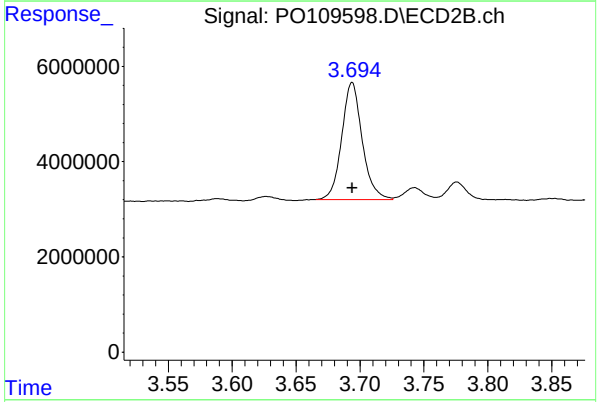




#1 Tetrachloro-m-xylene

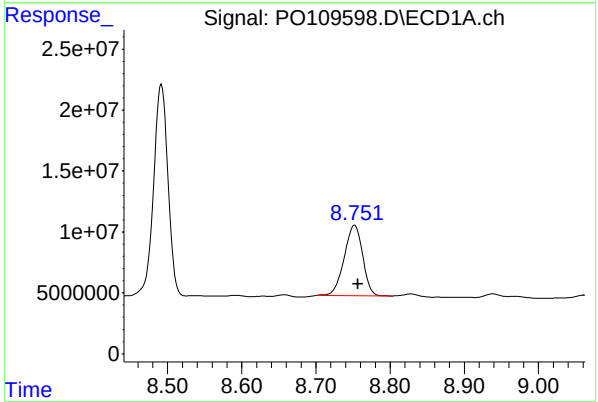
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 47809773
Conc: 5.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4ADL



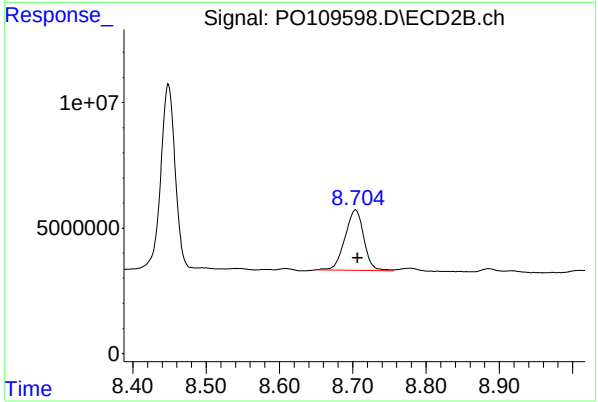
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 27556003
Conc: 5.26 ng/ml



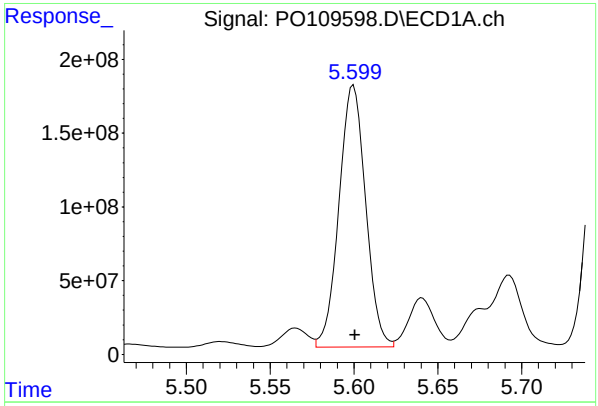
#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 100148039
Conc: 11.64 ng/ml



#2 Decachlorobiphenyl

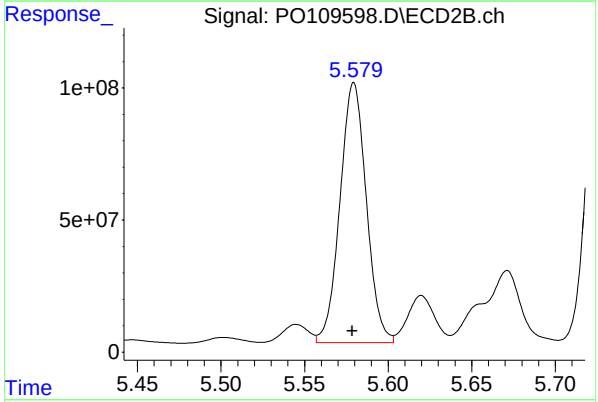
R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 42701616
Conc: 13.41 ng/ml



#26 AR-1254-1

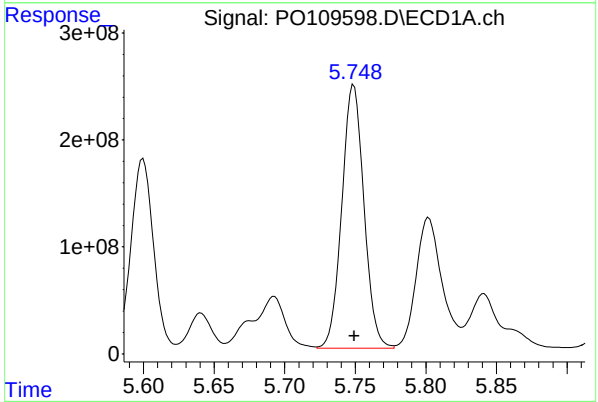
R.T.: 5.600 min
Delta R.T.: -0.001 mi
Response: 1961243656
Conc: 3803.76 ng/m

Instrument :
ECD_O
ClientSampleId :
K084-4ADL



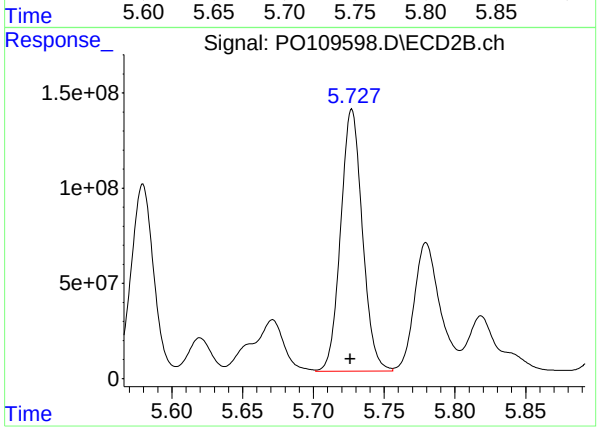
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 1080570933
Conc: 4131.60 ng/ml



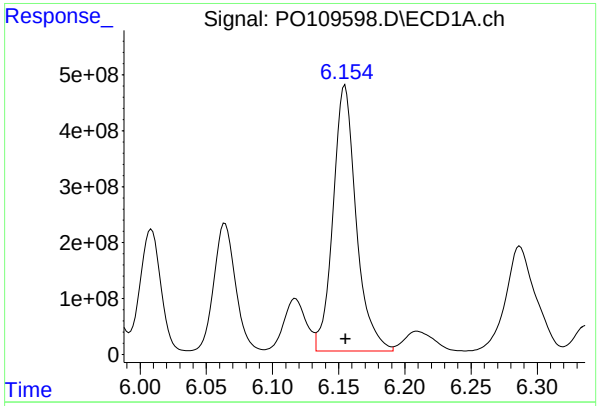
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 2680684272
Conc: 5952.12 ng/ml



#27 AR-1254-2

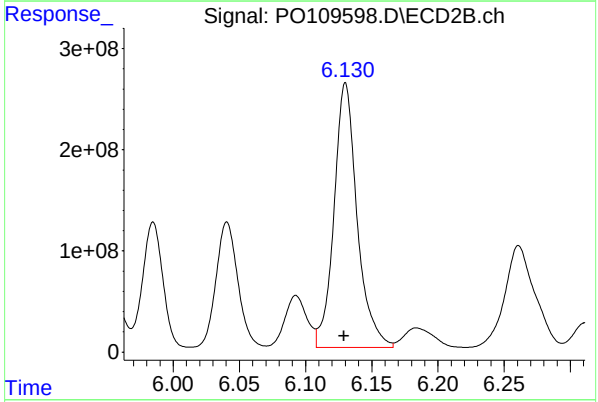
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 1473369615
Conc: 6281.38 ng/ml



#28 AR-1254-3

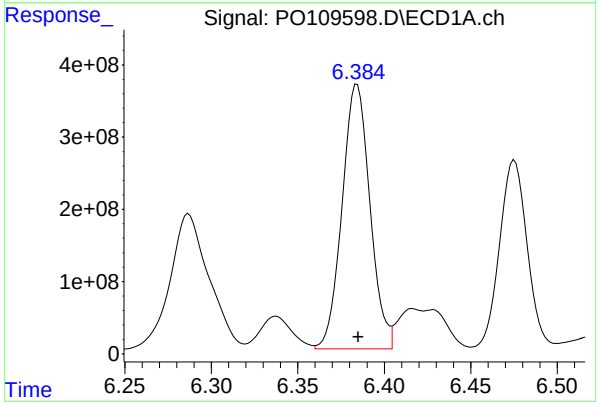
R.T.: 6.155 min
Delta R.T.: 0.000 mi
Response: 5797680411
Conc: 8097.82 ng/

Instrument :
ECD_O
ClientSampleId :
K084-4ADL



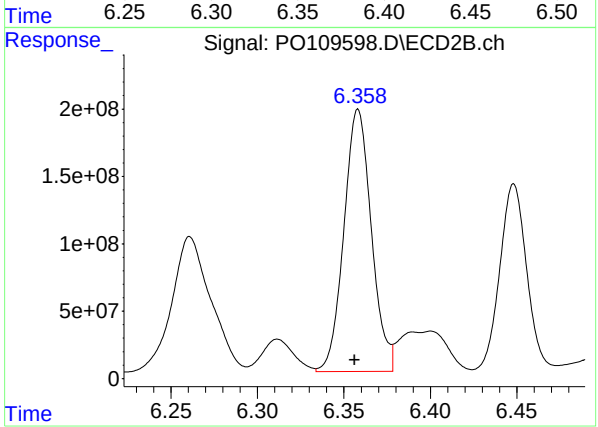
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 3184720069
Conc: 8928.17 ng/ml



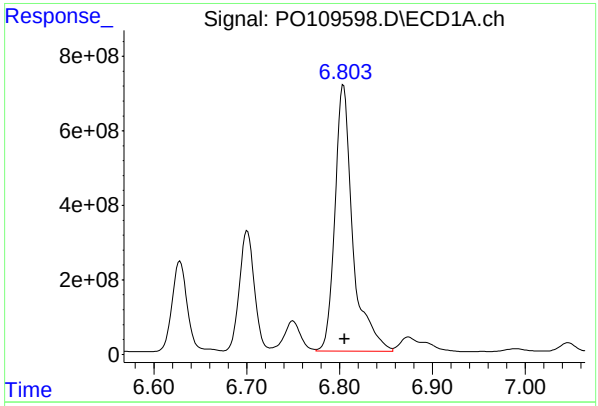
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 4102165668
Conc: 9795.25 ng/ml



#29 AR-1254-4

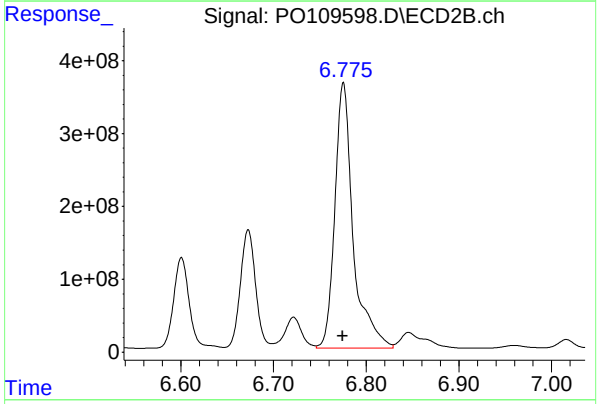
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 2151410764
Conc: 11140.08 ng/ml



#30 AR-1254-5

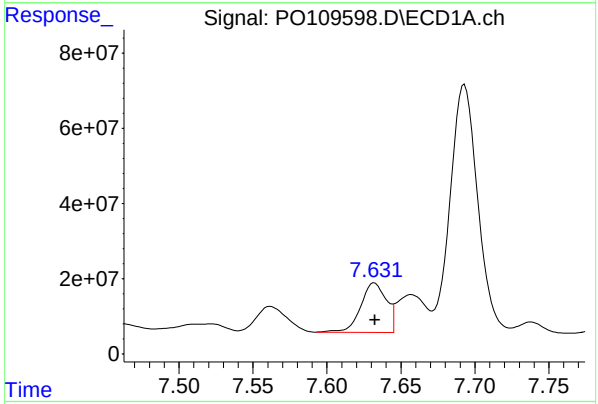
R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 9556795835
Conc: 15317.76 ng/

Instrument :
ECD_O
ClientSampleId :
K084-4ADL



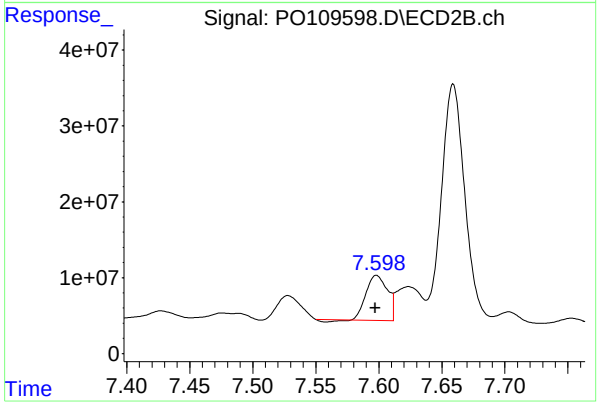
#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 4999260974
Conc: 16847.72 ng/ml



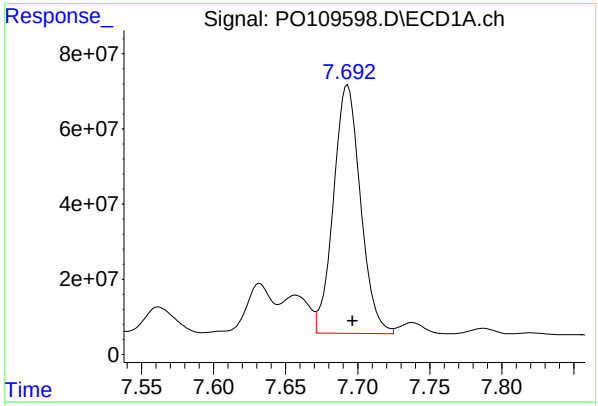
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 159136621
Conc: 120.17 ng/ml



#41 AR-1268-1

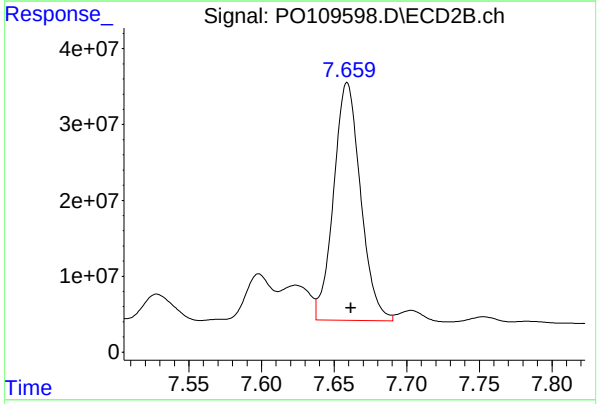
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 67703702
Conc: 118.48 ng/ml



#42 AR-1268-2

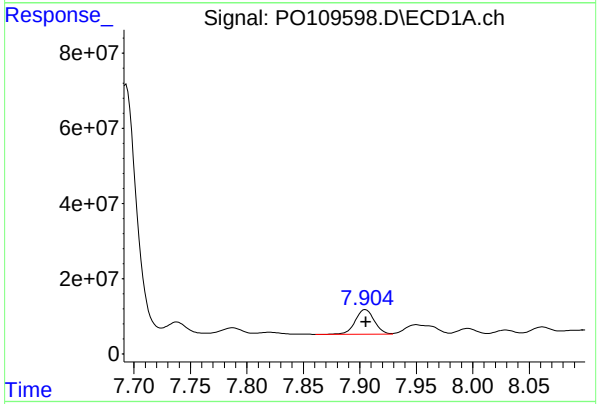
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 859839259
Conc: 711.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4ADL



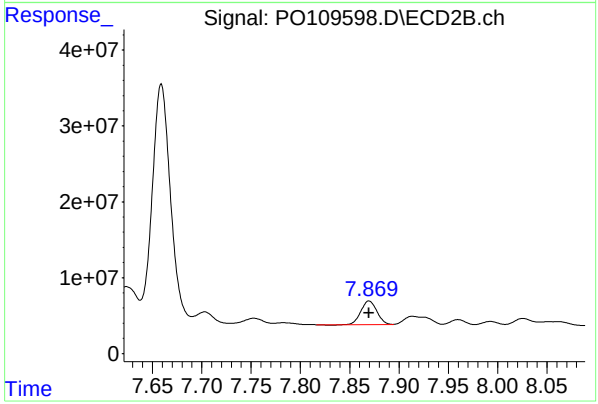
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 404932786
Conc: 771.38 ng/ml



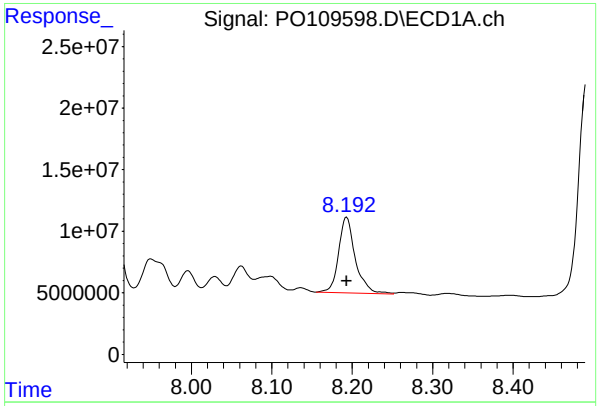
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 75568551
Conc: 74.22 ng/ml



#43 AR-1268-3

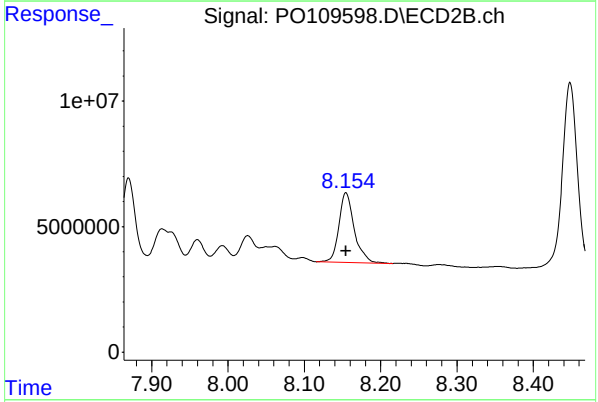
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 35196456
Conc: 82.23 ng/ml



#44 AR-1268-4

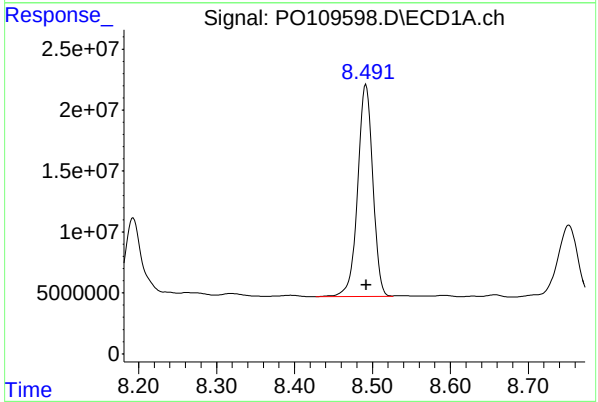
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 89116968
Conc: 209.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4ADL



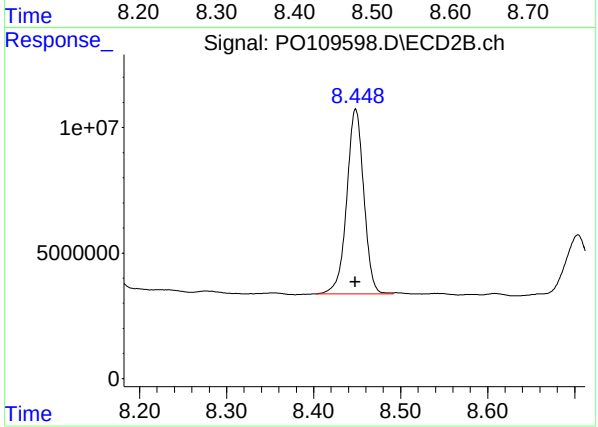
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 38892032
Conc: 241.06 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 235467270
Conc: 77.98 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 100060818
Conc: 91.53 ng/ml

Raw Data: **PO109795.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:	K084-4ADL2	SDG No.:	Q1433
Lab Sample ID:	Q1433-10DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.2 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
PO109795.D	100	02/27/25 09:15	03/11/25 18:47	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	388	UD	388	1900	ug/kg
11104-28-2	Aroclor-1221	734	UD	734	1900	ug/kg
11141-16-5	Aroclor-1232	389	UD	389	1900	ug/kg
53469-21-9	Aroclor-1242	388	UD	388	1900	ug/kg
12672-29-6	Aroclor-1248	904	UD	904	1900	ug/kg
11097-69-1	Aroclor-1254	21000	D	313	1900	ug/kg
37324-23-5	Aroclor-1262	523	UD	523	1900	ug/kg
11100-14-4	Aroclor-1268	677	JD	393	1900	ug/kg
11096-82-5	Aroclor-1260	333	UD	333	1900	ug/kg
Total PCBs	Total PCBs	22000	D	706	1900	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\PO031125\
Data File : PO109795.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:47
Operator : YP/AJ
Sample : Q1433-10DL2 100X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-4ADL2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:36:12 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						
	Target Compounds						
26)	L6 AR-1254-1	5.597	5.577	133.2E6	72618654	258.414	277.660
27)	L6 AR-1254-2	5.746	5.724	177.6E6	97557660	394.317	415.915
28)	L6 AR-1254-3	6.151	6.128	357.3E6	191.2E6	499.106	535.890
29)	L6 AR-1254-4	6.382	6.355	263.1E6	129.6E6	628.193	670.886
30)	L6 AR-1254-5	6.801	6.773	551.8E6	267.0E6	884.358	899.855
41)	L9 AR-1268-1	7.628	7.595	11258591	5285490	8.502	9.250
42)	L9 AR-1268-2	7.690	7.655	55411615	26549799	45.829	50.576
43)	L9 AR-1268-3	7.901	7.867	5154418	2620685	5.062	6.122
44)	L9 AR-1268-4	8.190	8.151	6502686	2598389	15.306	16.106m
45)	L9 AR-1268-5	8.488	8.445	15768571	7229200	5.222	6.613 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109795.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:47
Operator : YP/AJ
Sample : Q1433-10DL2 100X
Misc :
ALS Vial : 17 Sample Multiplier: 1

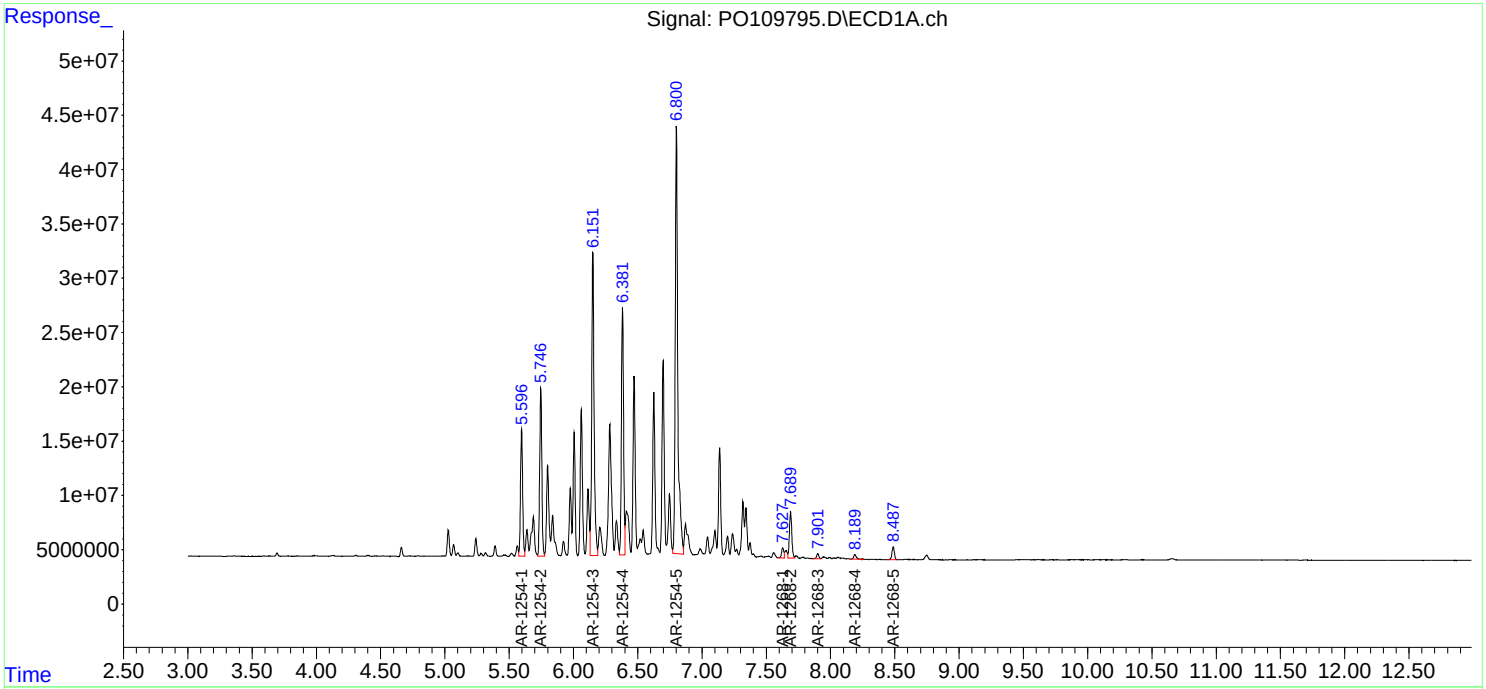
Instrument :
ECD_O
ClientSampleId :
K084-4ADL2

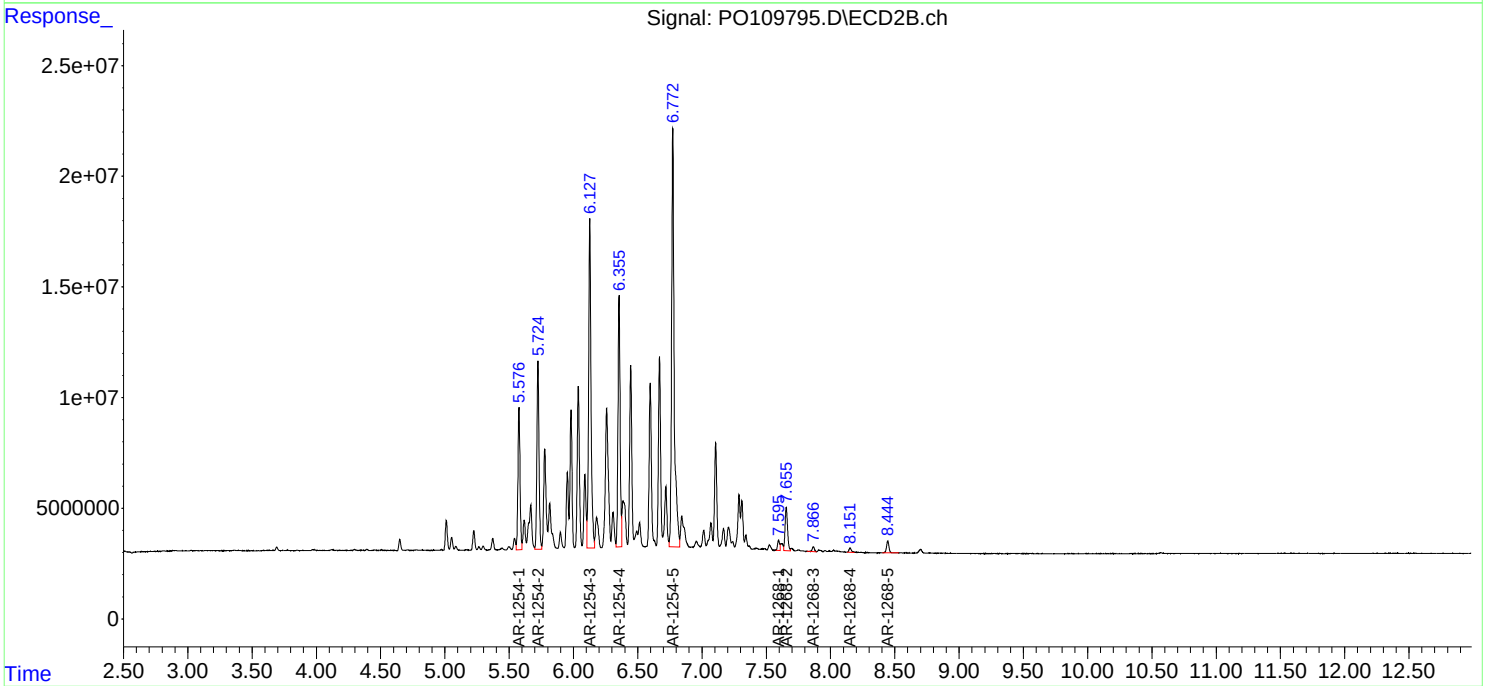
Manual Integrations APPROVED

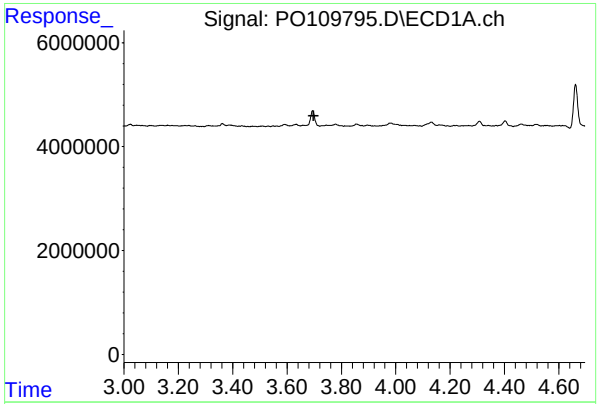
Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:36:12 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







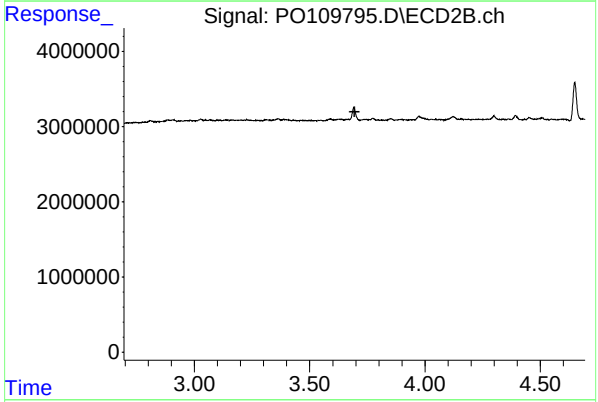
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
K084-4ADL2

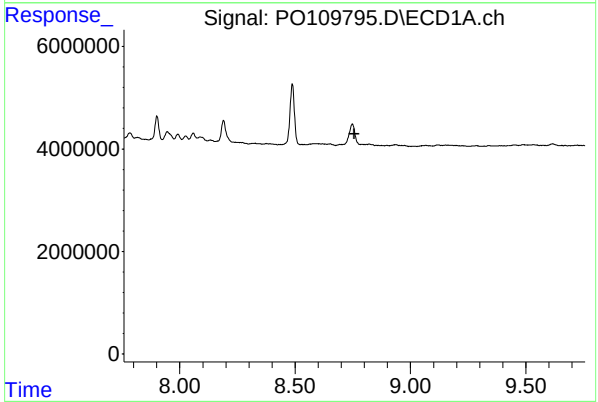
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



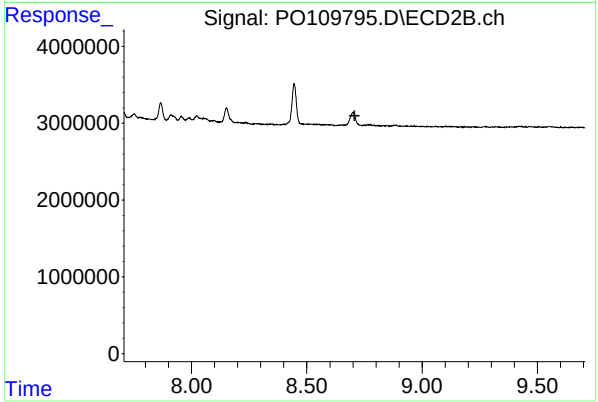
#1 Tetrachloro-m-xylene

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



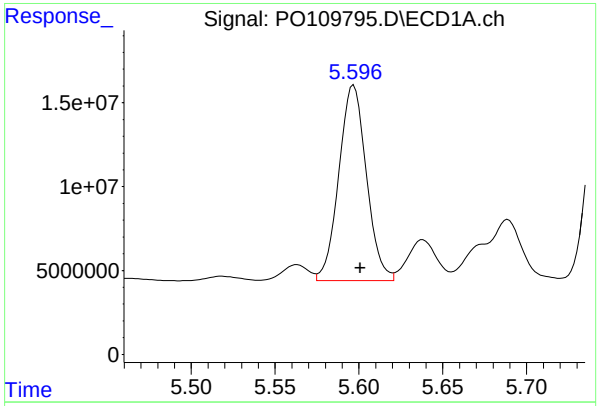
#2 Decachlorobiphenyl

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.



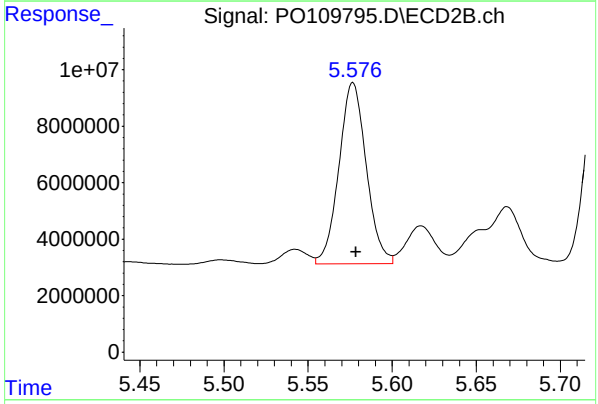
#26 AR-1254-1

R.T.: 5.597 min
Delta R.T.: -0.004 min
Response: 133239863
Conc: 258.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4ADL2

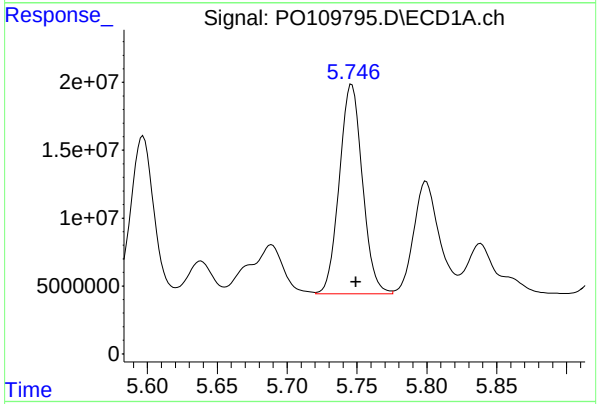
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



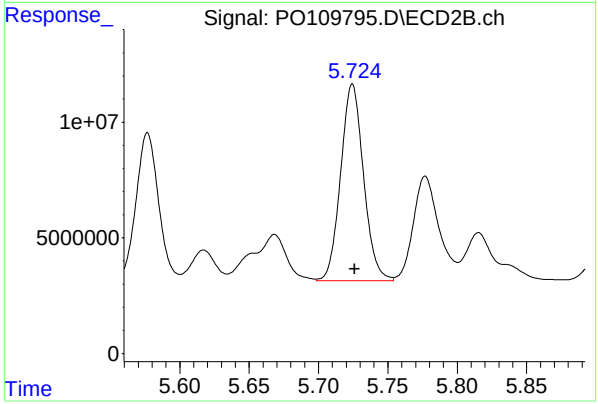
#26 AR-1254-1

R.T.: 5.577 min
Delta R.T.: -0.002 min
Response: 72618654
Conc: 277.66 ng/ml



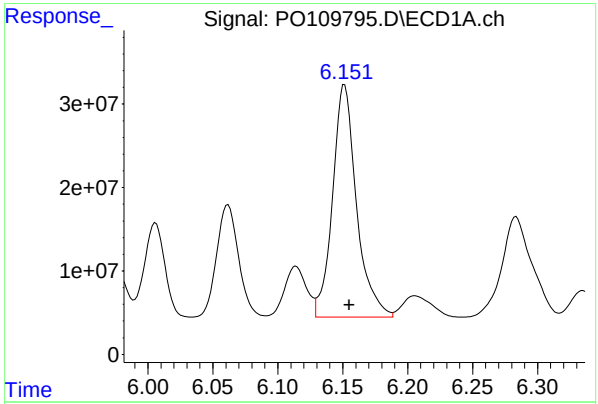
#27 AR-1254-2

R.T.: 5.746 min
Delta R.T.: -0.003 min
Response: 177590303
Conc: 394.32 ng/ml



#27 AR-1254-2

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 97557660
Conc: 415.92 ng/ml



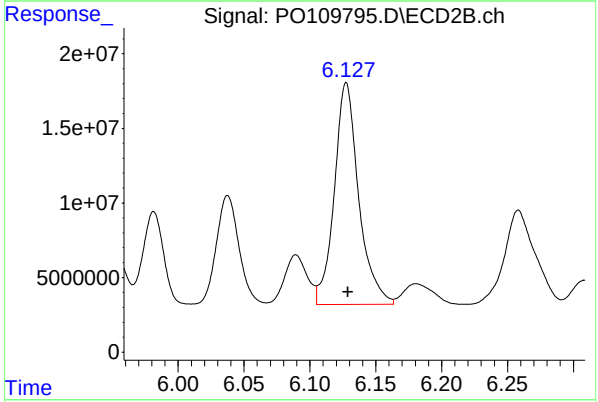
#28 AR-1254-3

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 357337916
Conc: 499.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4ADL2

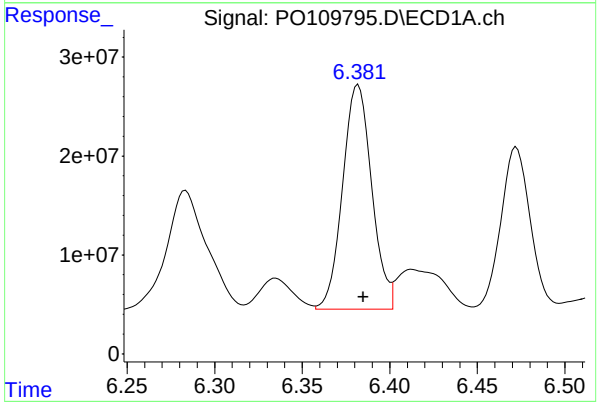
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



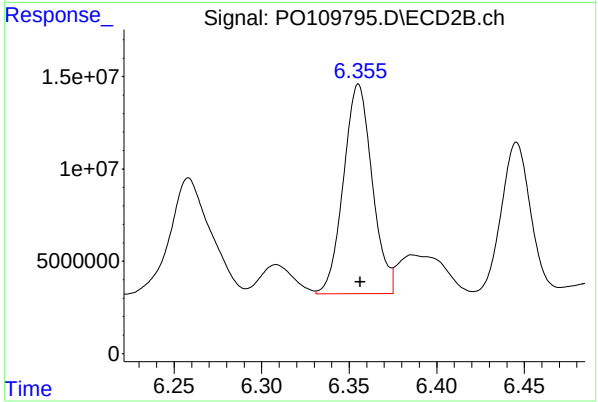
#28 AR-1254-3

R.T.: 6.128 min
Delta R.T.: -0.001 min
Response: 191154376
Conc: 535.89 ng/ml



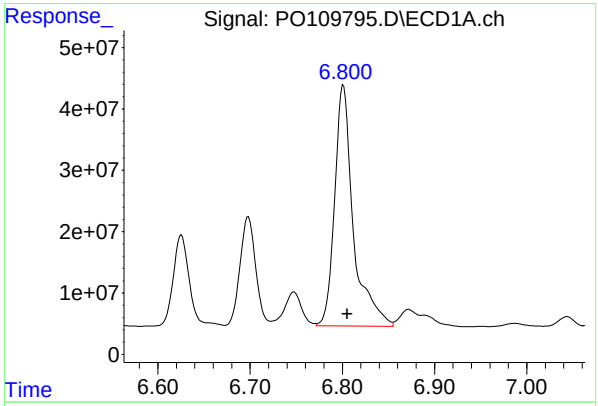
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 263081893
Conc: 628.19 ng/ml



#29 AR-1254-4

R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 129563781
Conc: 670.89 ng/ml



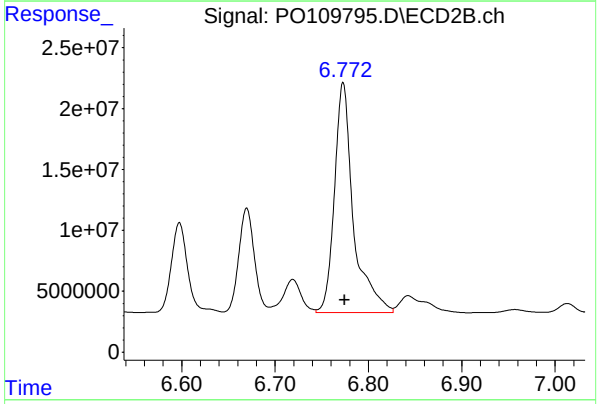
#30 AR-1254-5

R.T.: 6.801 min
Delta R.T.: -0.004 min
Response: 551753471
Conc: 884.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4ADL2

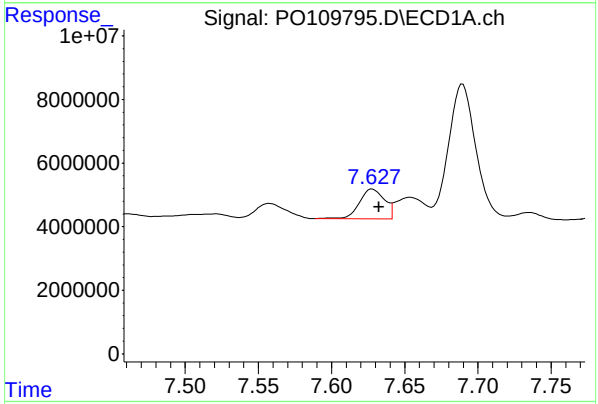
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



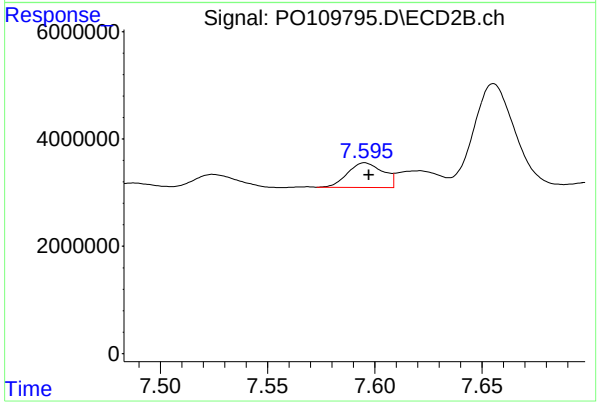
#30 AR-1254-5

R.T.: 6.773 min
Delta R.T.: -0.002 min
Response: 267016060
Conc: 899.86 ng/ml



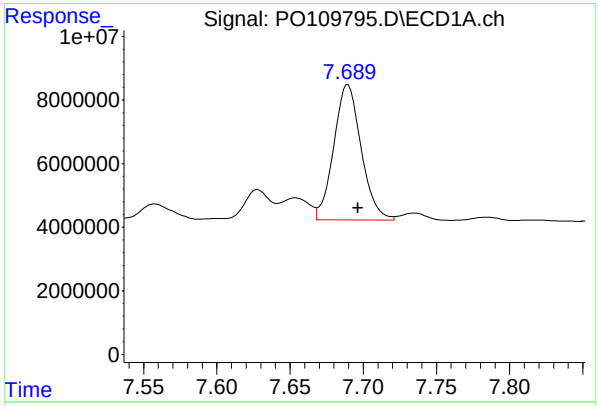
#41 AR-1268-1

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 11258591
Conc: 8.50 ng/ml



#41 AR-1268-1

R.T.: 7.595 min
Delta R.T.: -0.002 min
Response: 5285490
Conc: 9.25 ng/ml



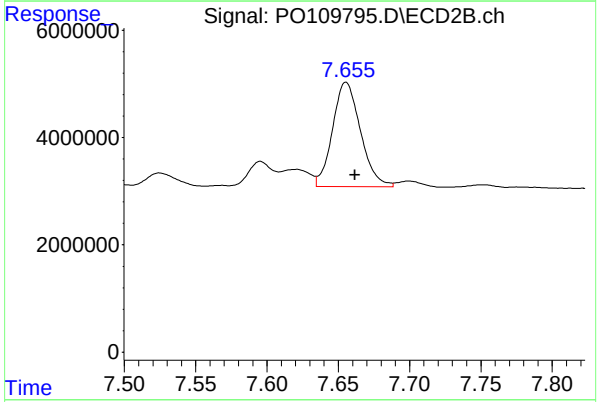
#42 AR-1268-2

R.T.: 7.690 min
Delta R.T.: -0.007 min
Response: 55411615
Conc: 45.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4ADL2

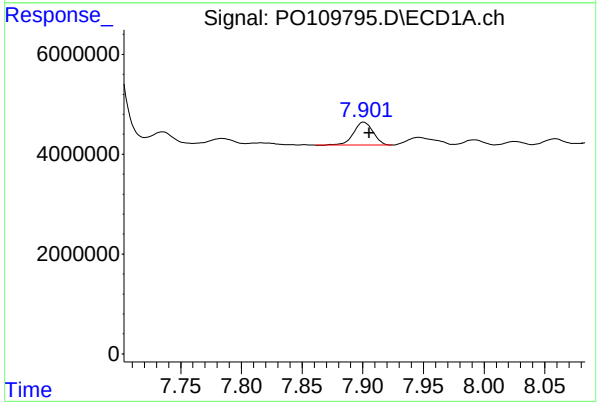
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



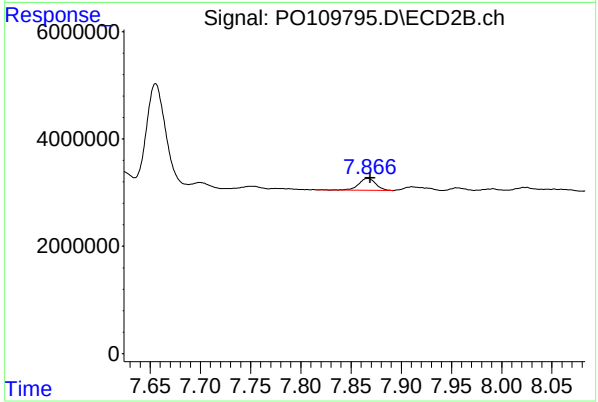
#42 AR-1268-2

R.T.: 7.655 min
Delta R.T.: -0.006 min
Response: 26549799
Conc: 50.58 ng/ml



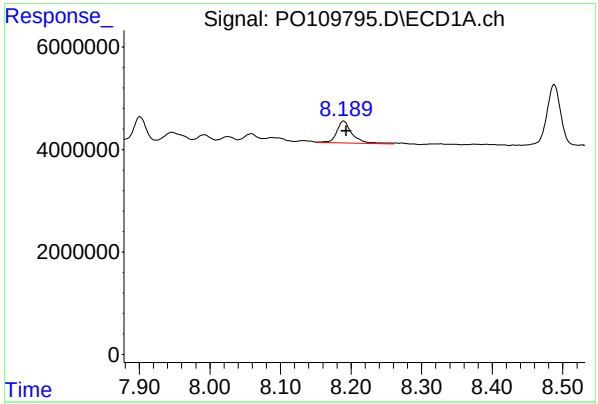
#43 AR-1268-3

R.T.: 7.901 min
Delta R.T.: -0.004 min
Response: 5154418
Conc: 5.06 ng/ml



#43 AR-1268-3

R.T.: 7.867 min
Delta R.T.: -0.003 min
Response: 2620685
Conc: 6.12 ng/ml



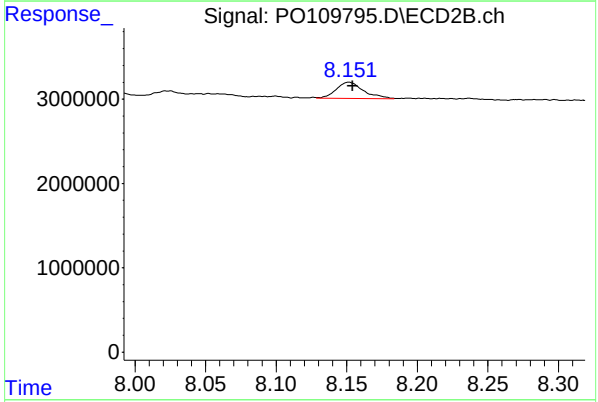
#44 AR-1268-4

R.T.: 8.190 min
Delta R.T.: -0.003 min
Response: 6502686
Conc: 15.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
K084-4ADL2

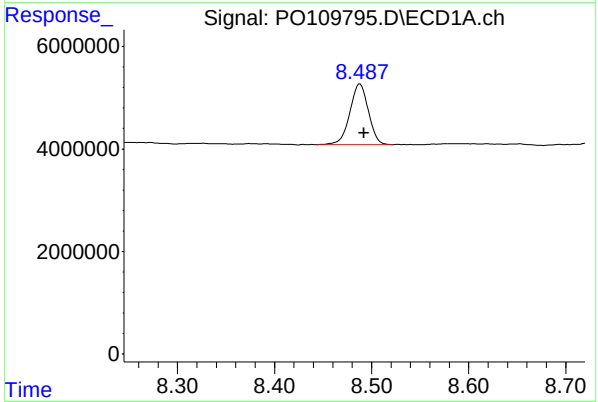
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



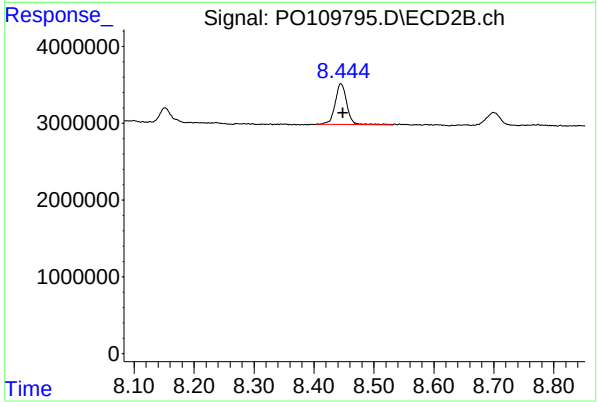
#44 AR-1268-4

R.T.: 8.151 min
Delta R.T.: -0.003 min
Response: 2598389
Conc: 16.11 ng/ml m



#45 AR-1268-5

R.T.: 8.488 min
Delta R.T.: -0.004 min
Response: 15768571
Conc: 5.22 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: -0.003 min
Response: 7229200
Conc: 6.61 ng/ml

CALIBRATION SUMMARY

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

Alliance TECHNICAL GROUP

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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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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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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.

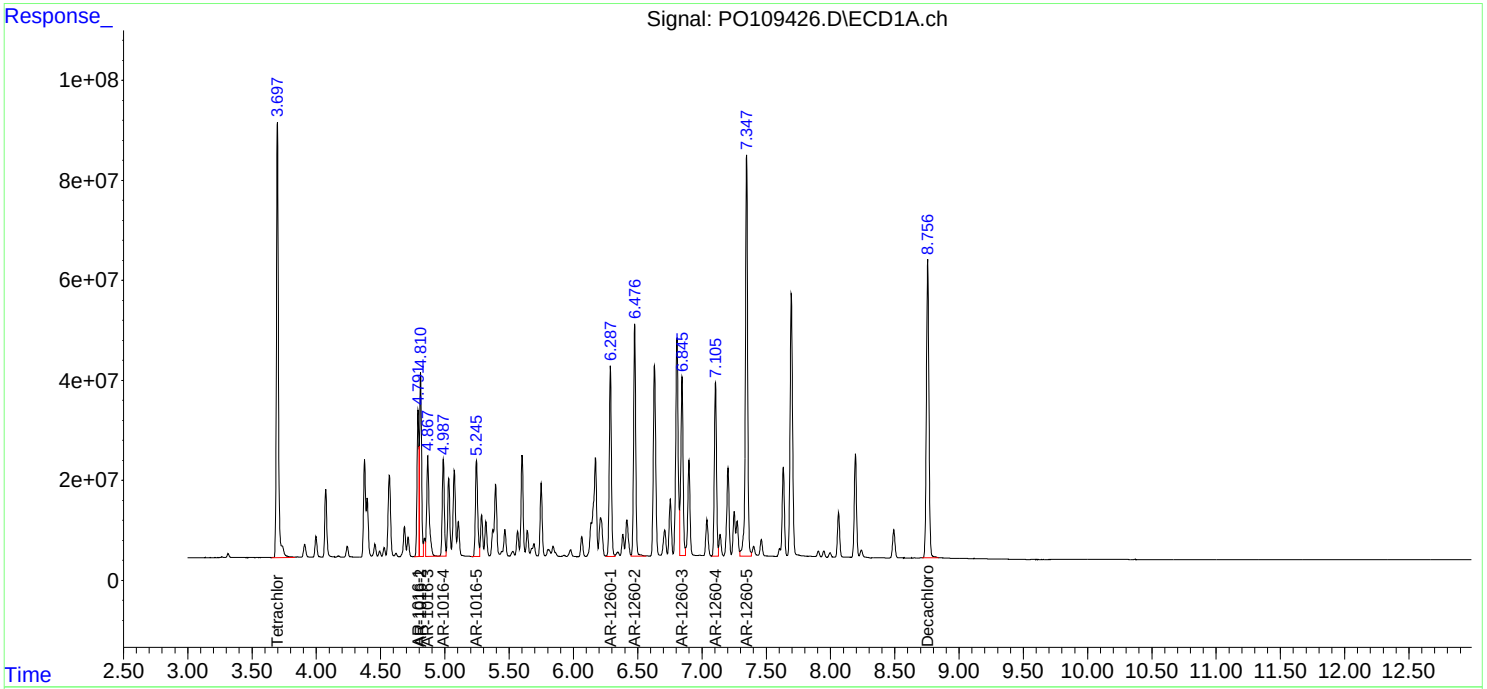
ICAL Form

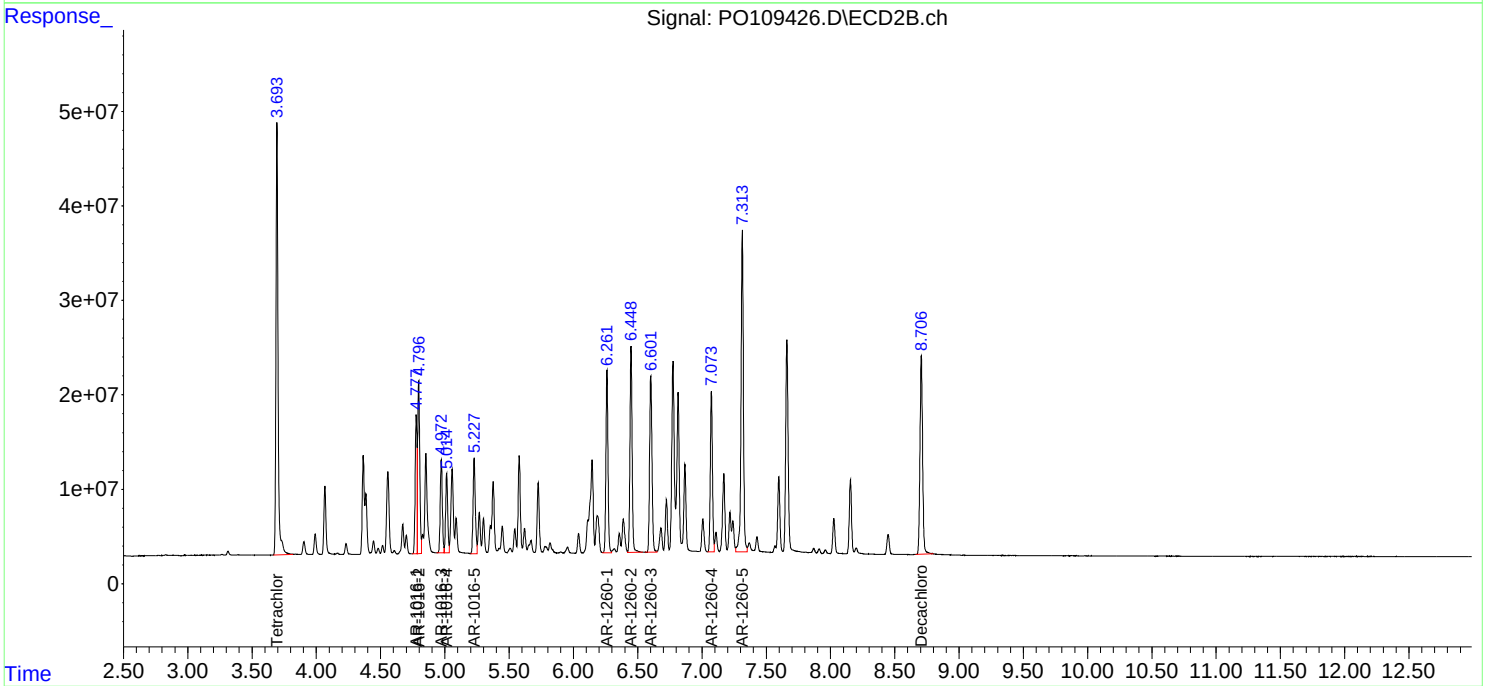
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:46
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

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.

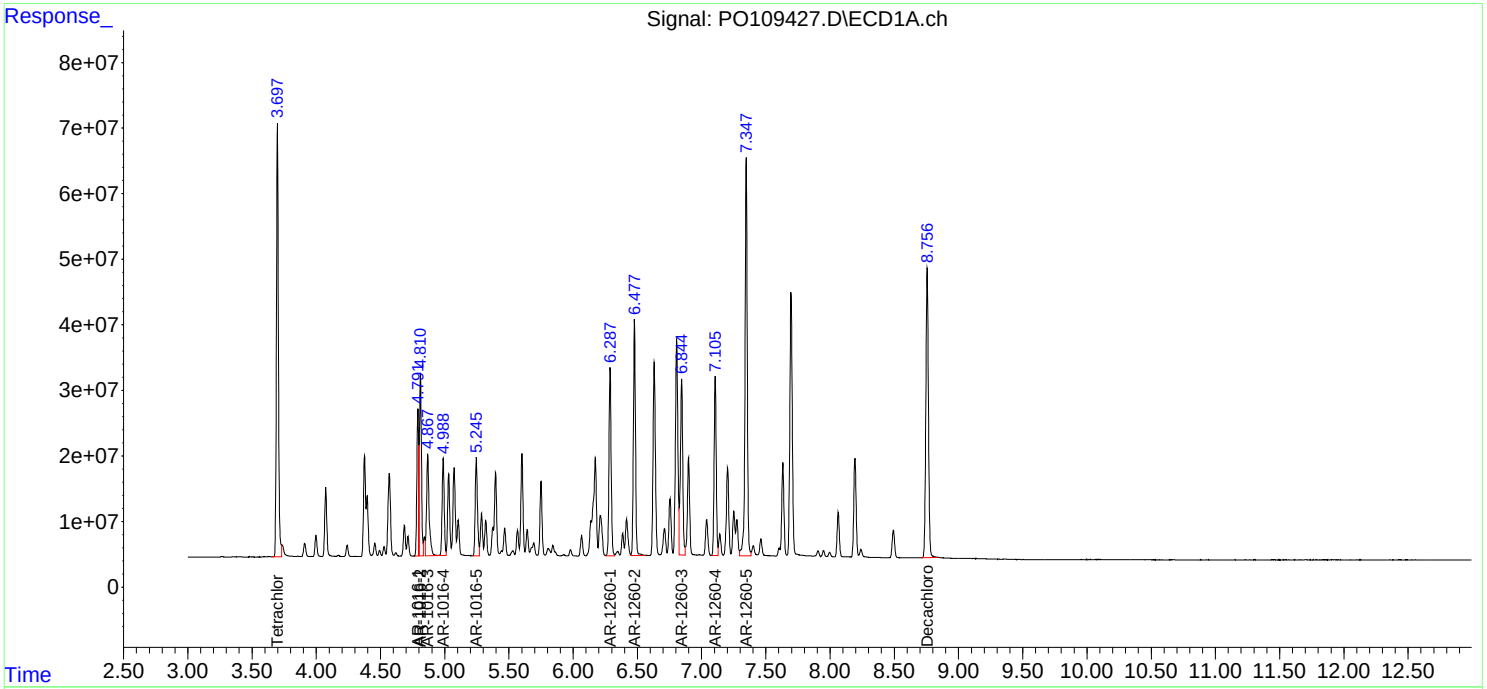
ICAL Form

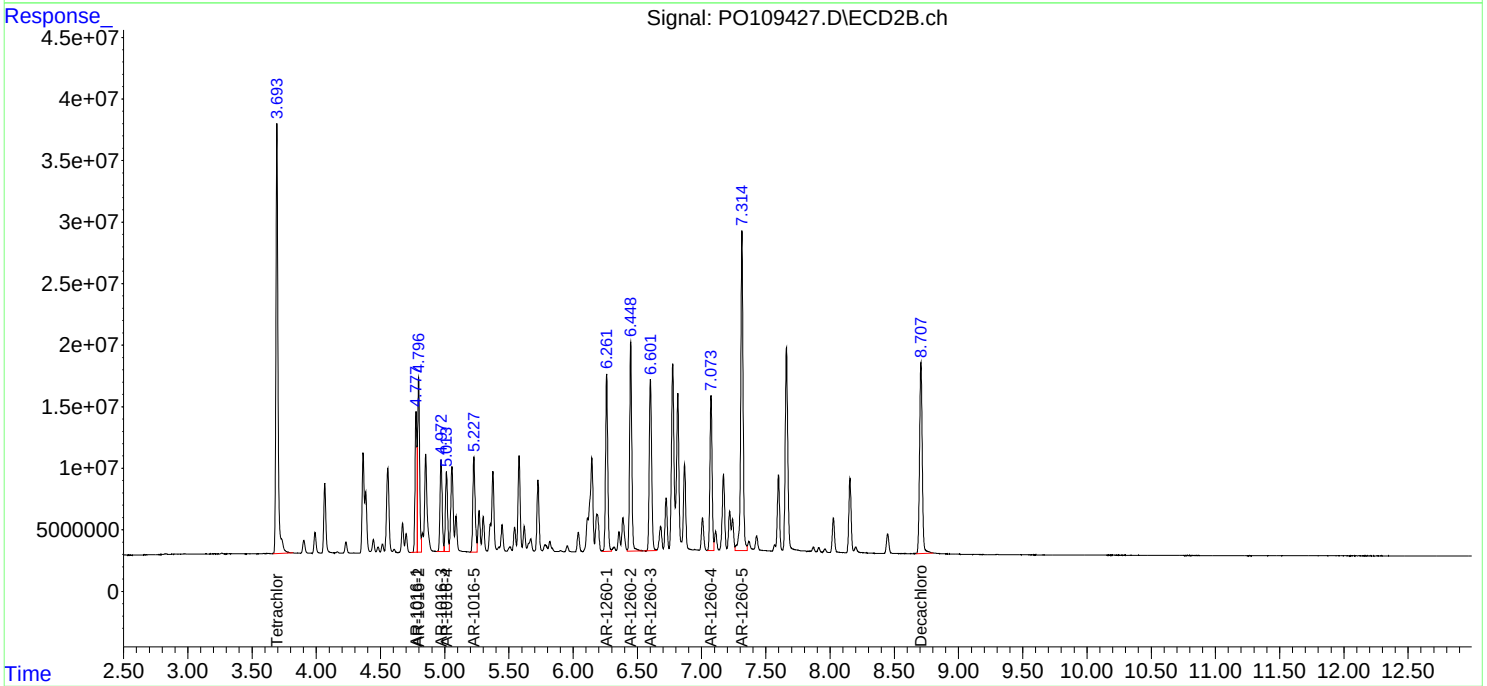
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:04
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

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.

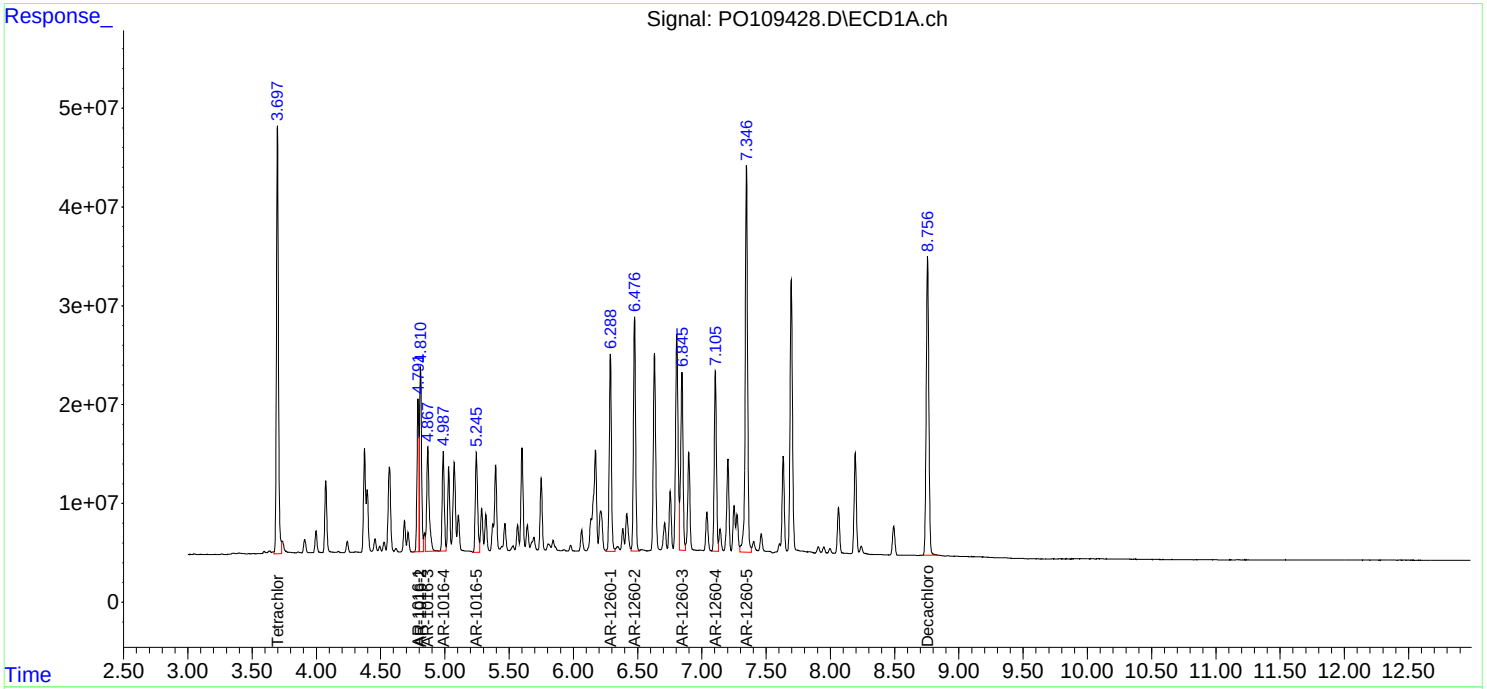
ICAL Form

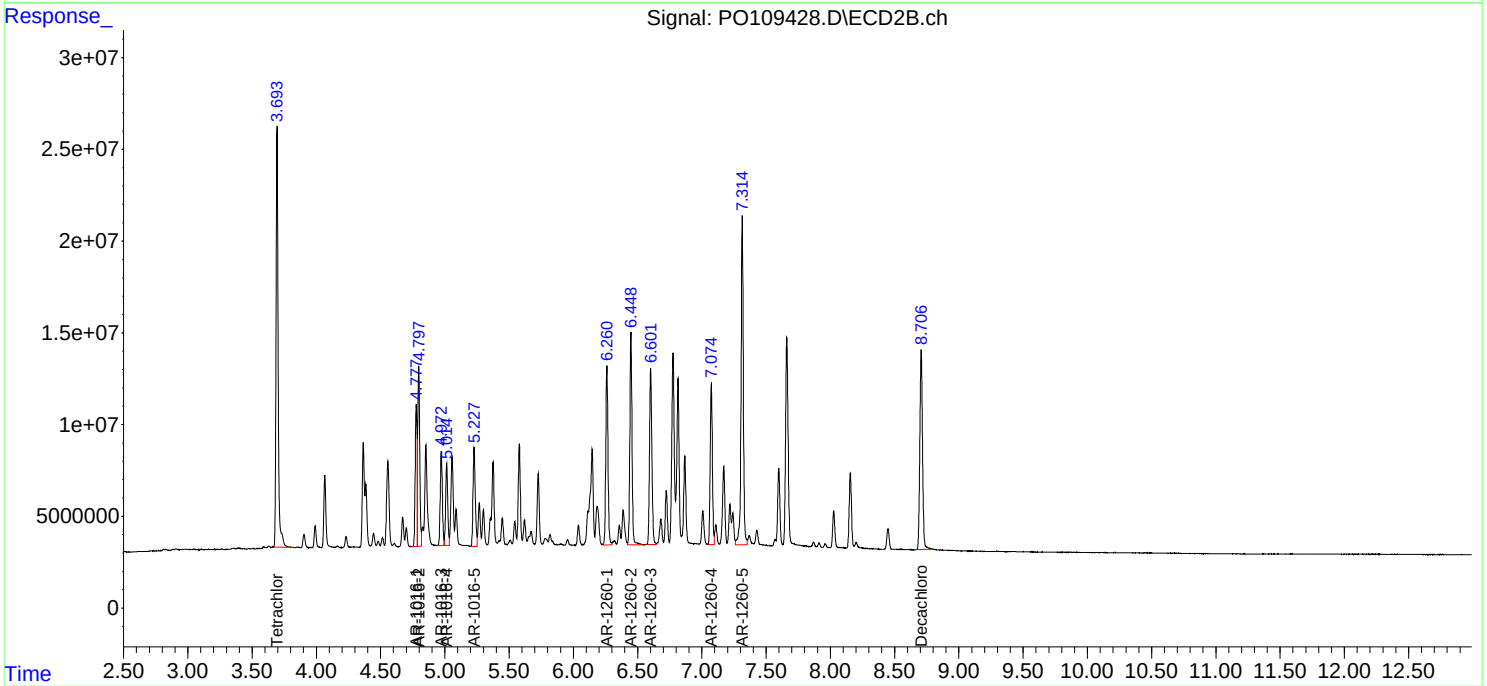
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:23
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

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.

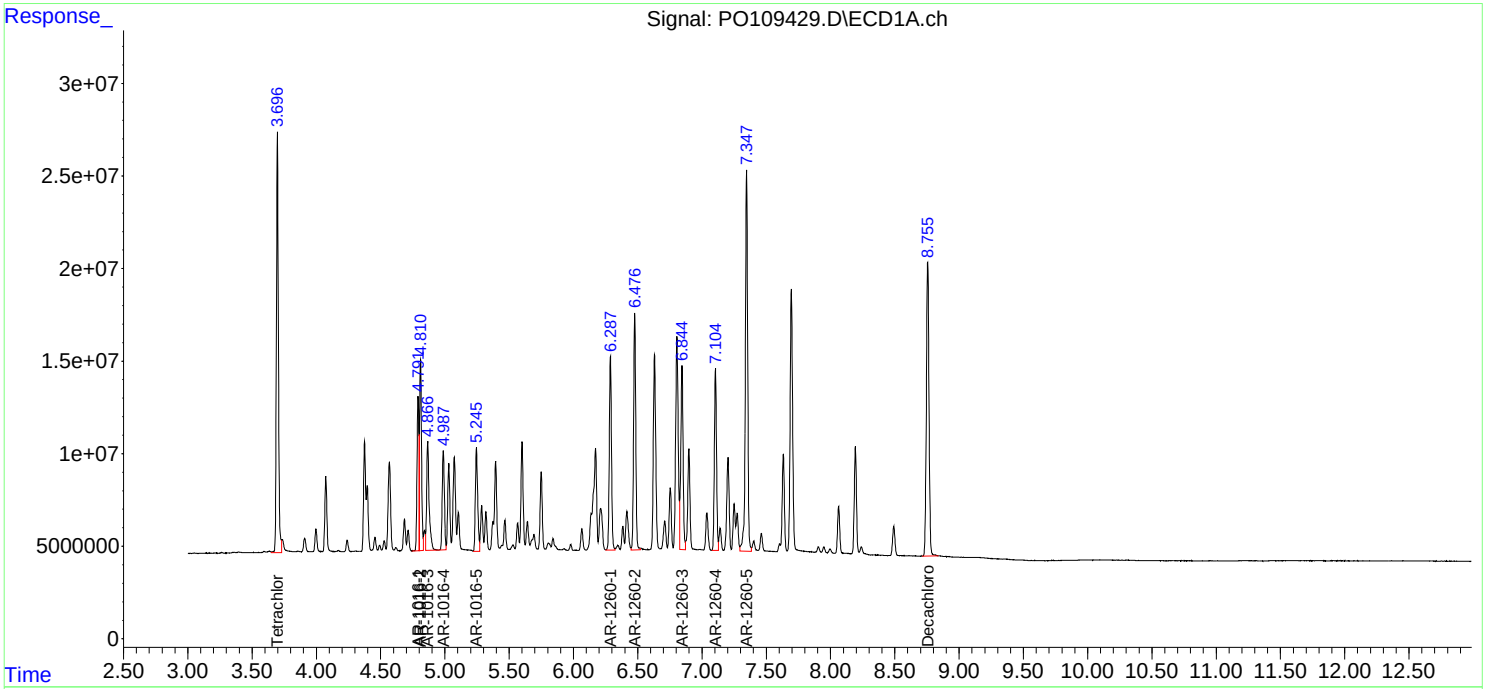
ICAL Form

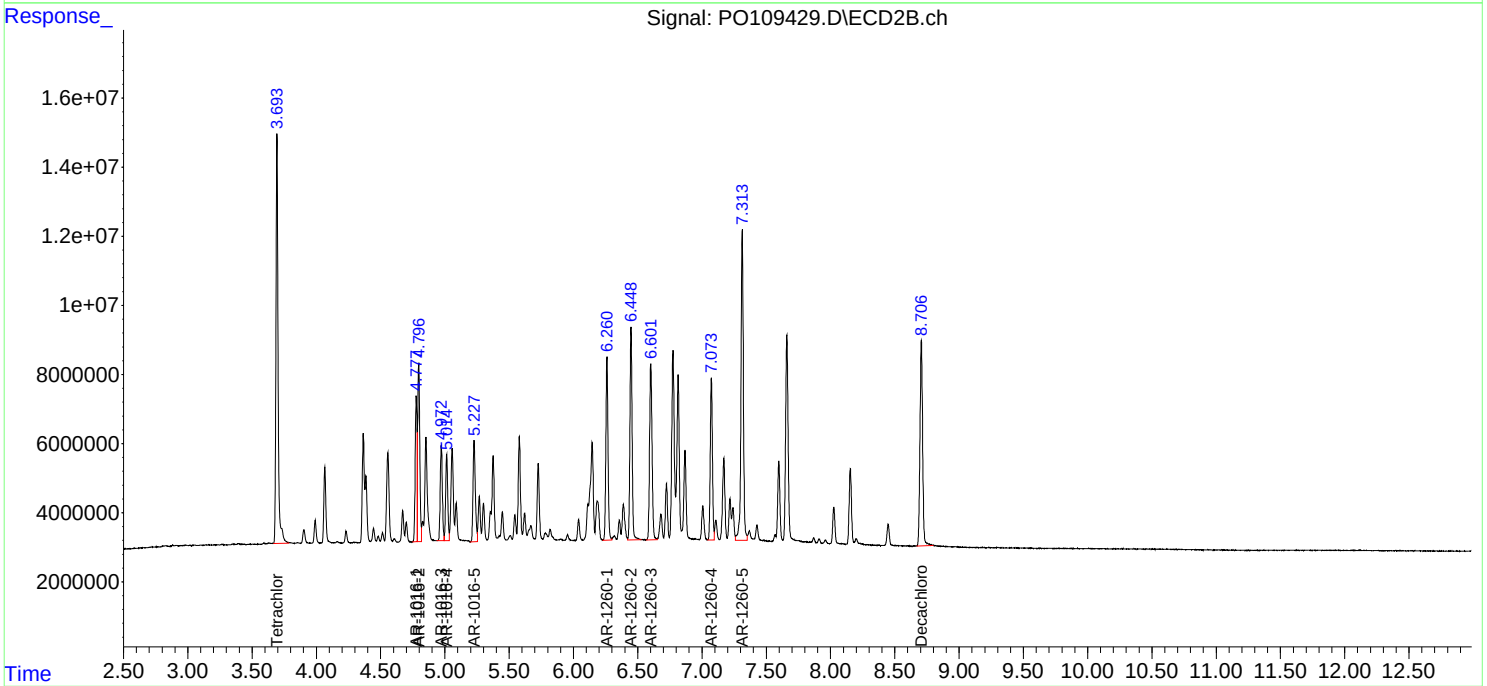
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:41
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

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.

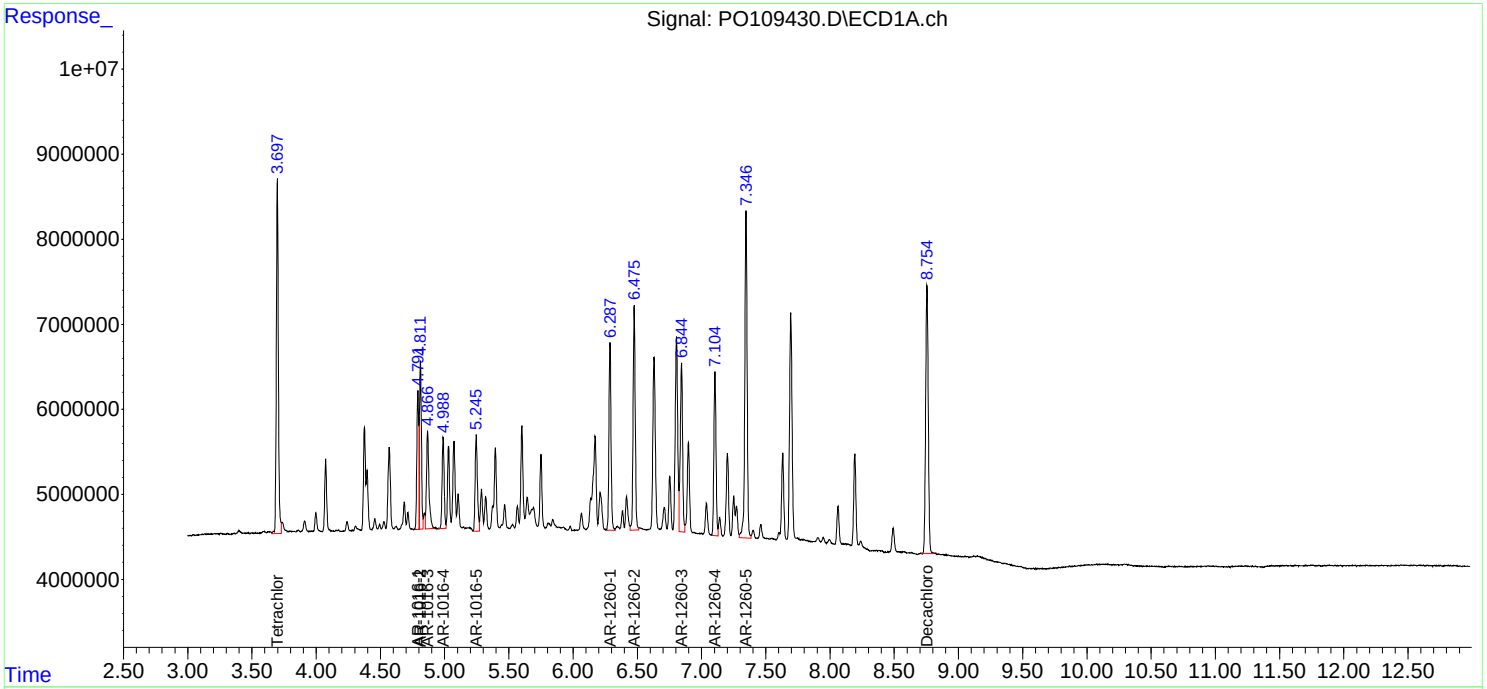
ICAL Form

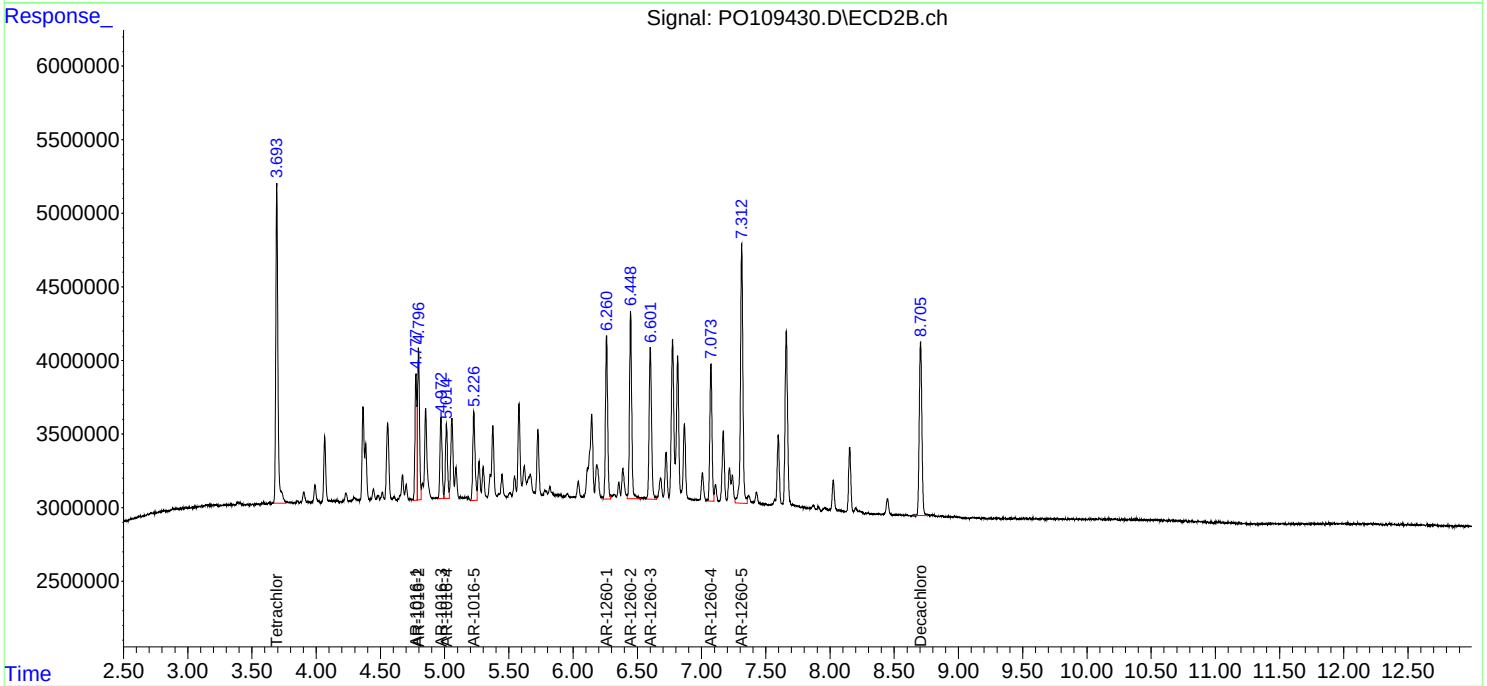
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:59
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

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.

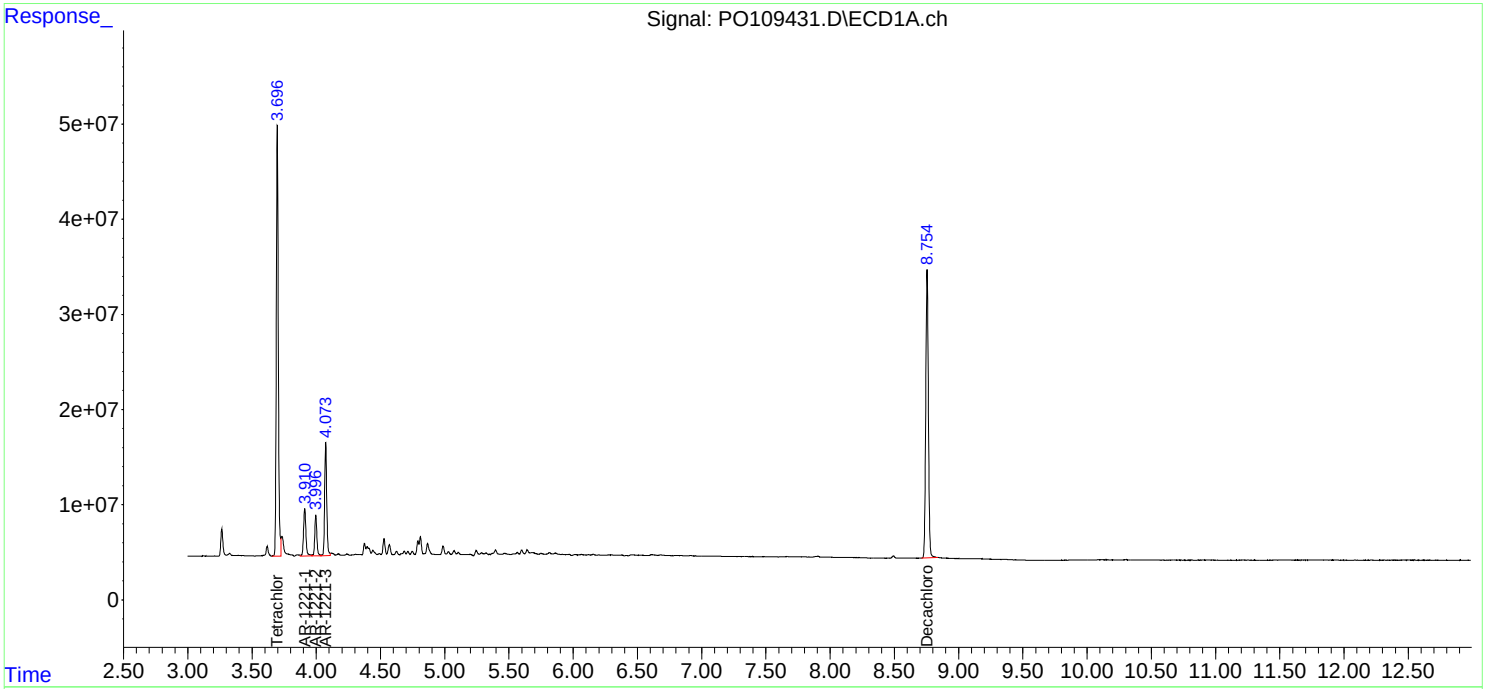
ICAL Form

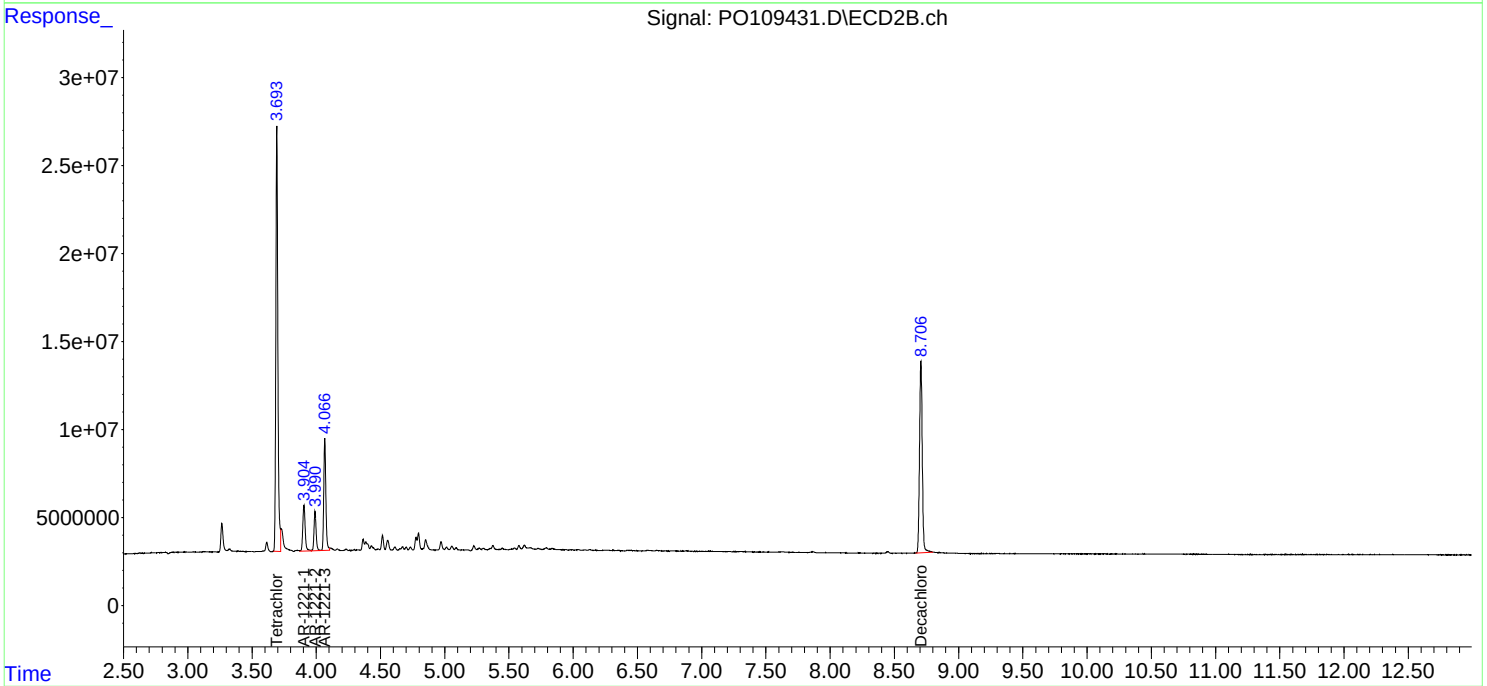
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:18
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

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.

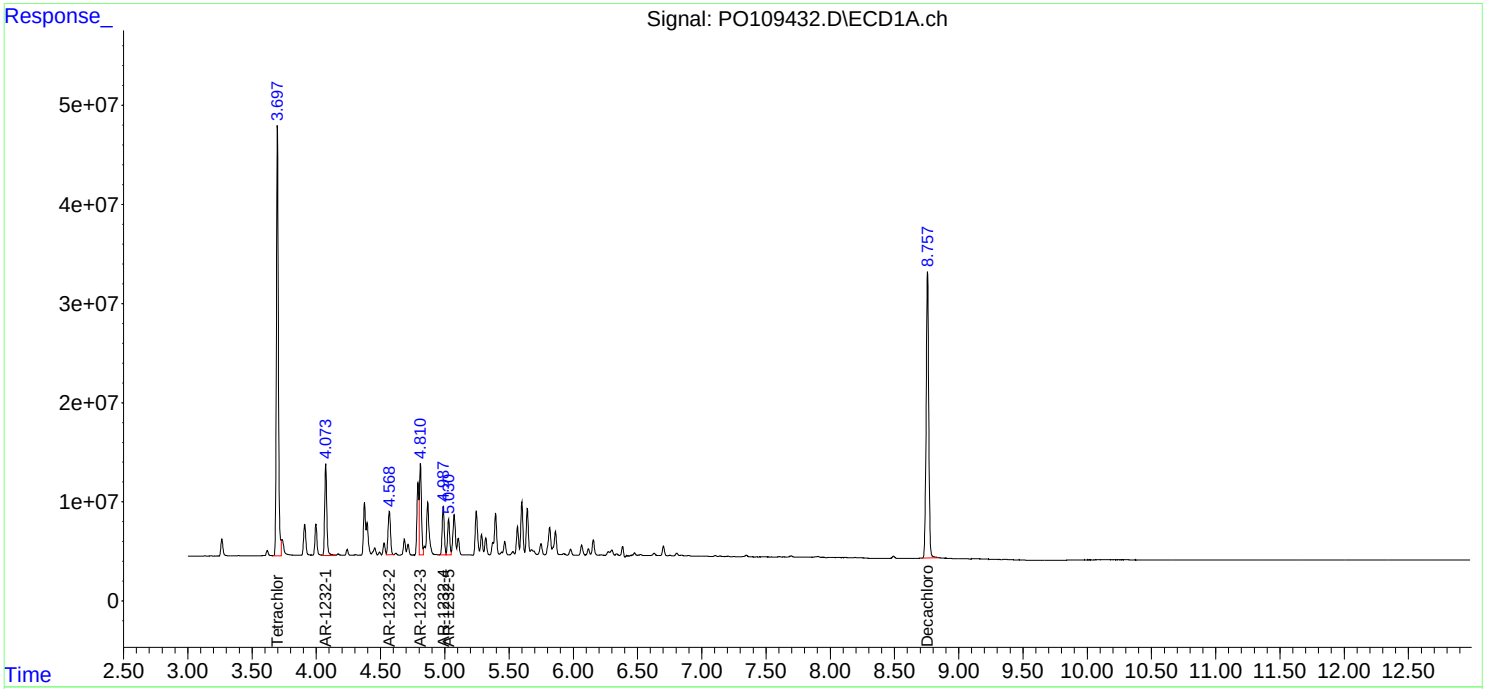
ICAL Form

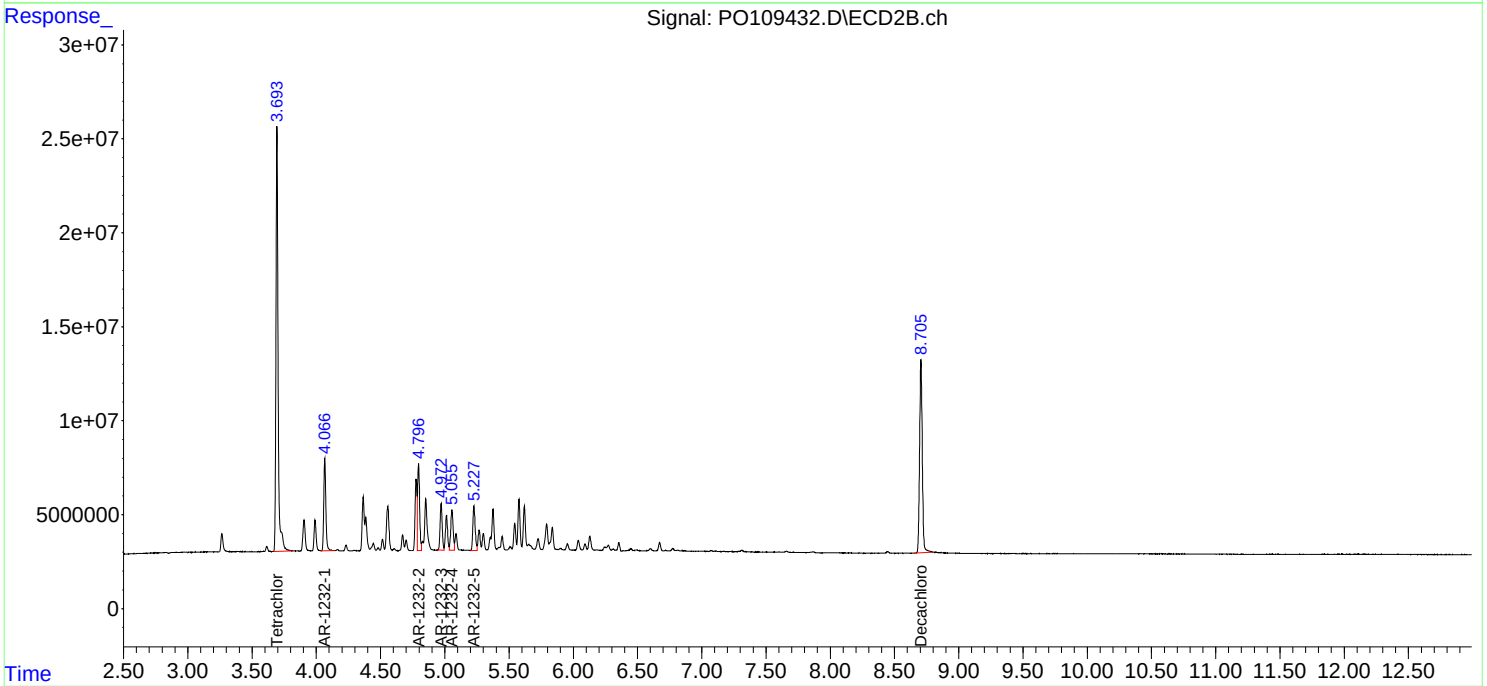
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:36
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

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.

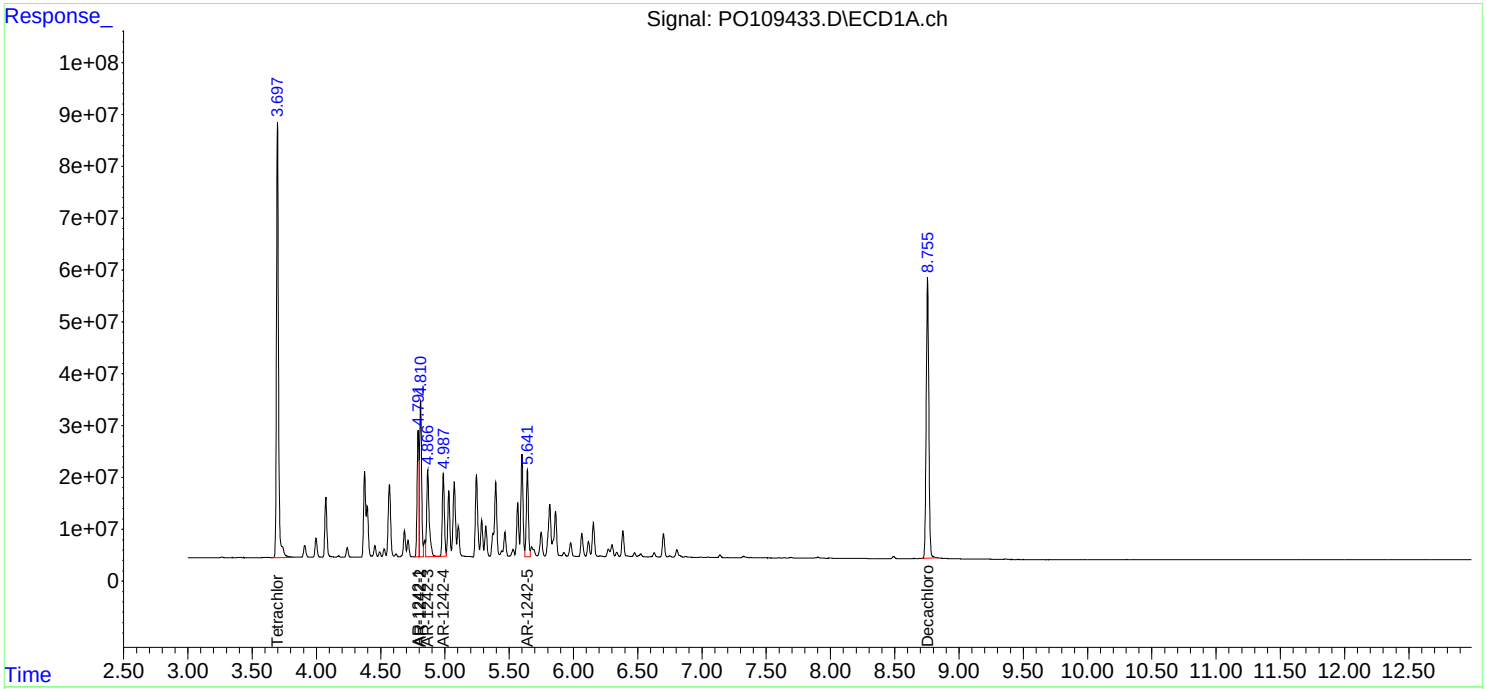
ICAL Form

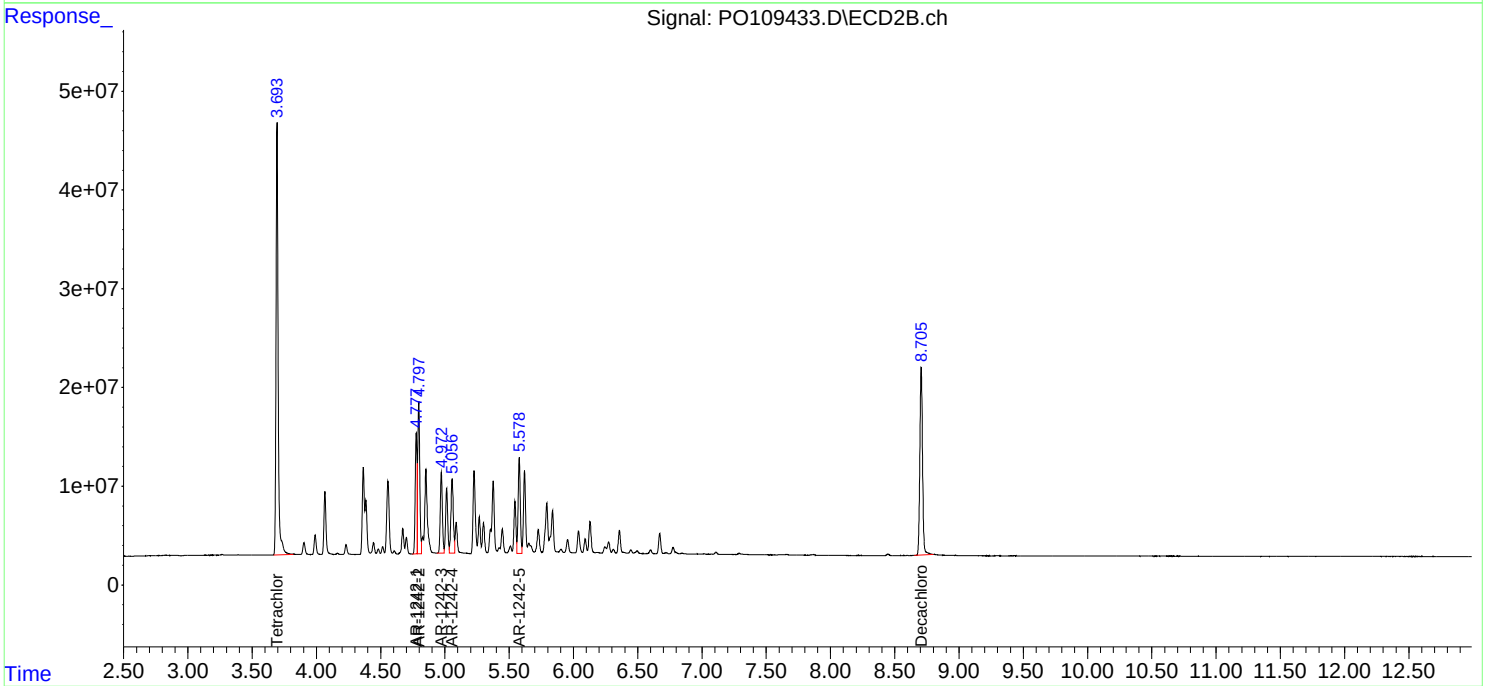
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:55
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

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.

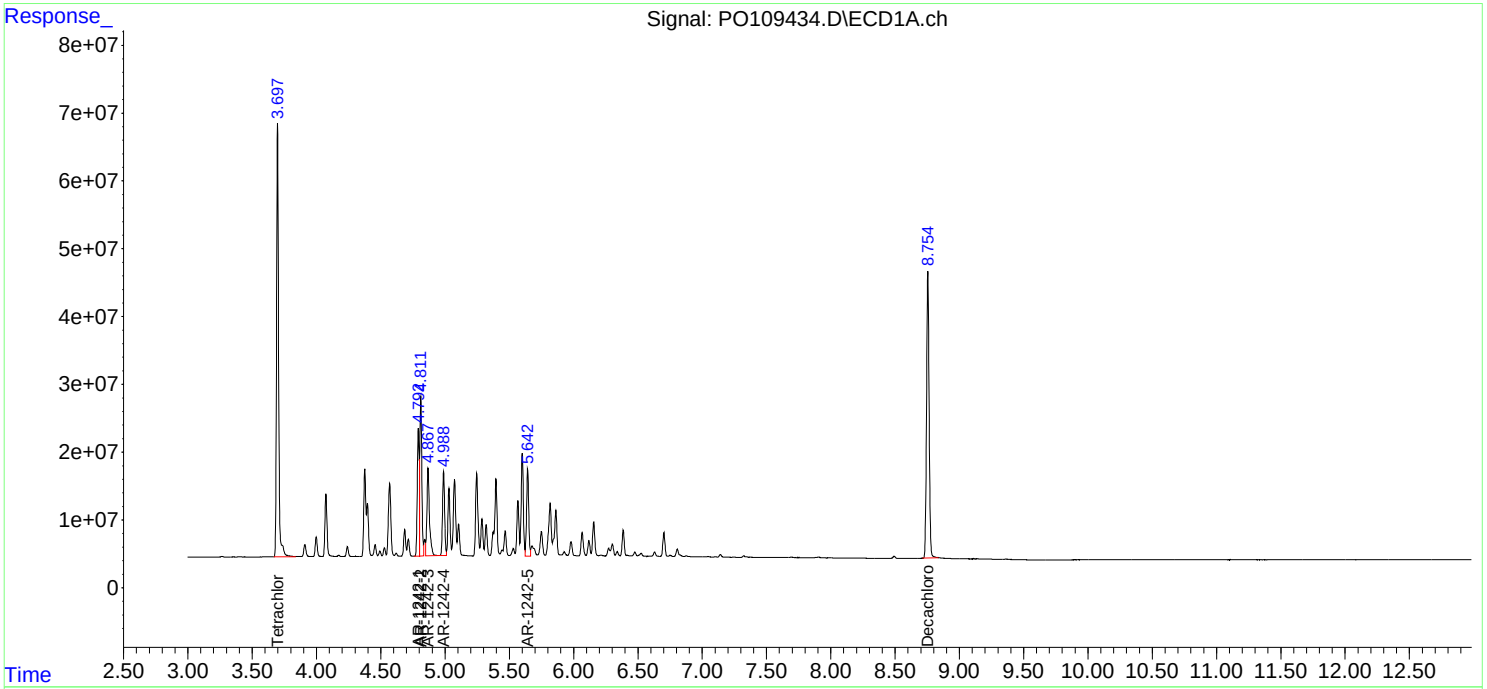
ICAL Form

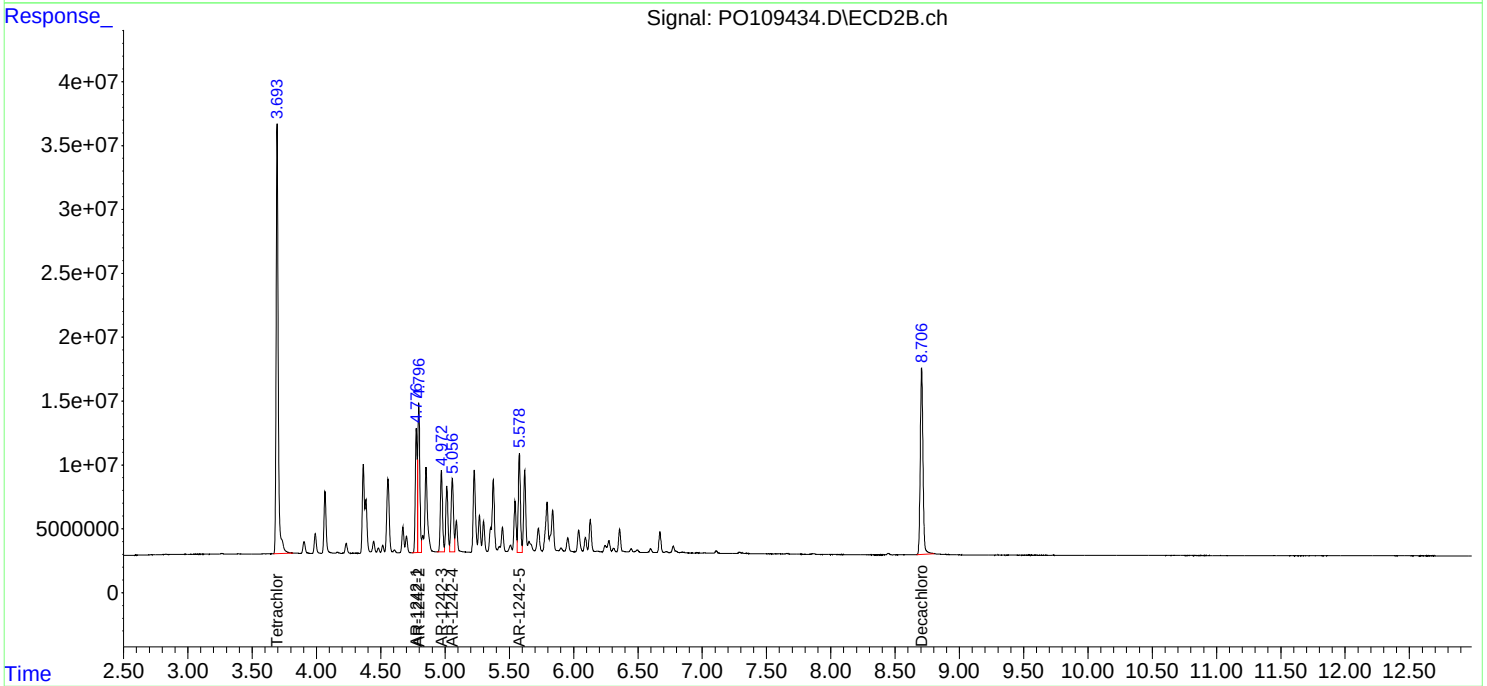
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:13
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

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.

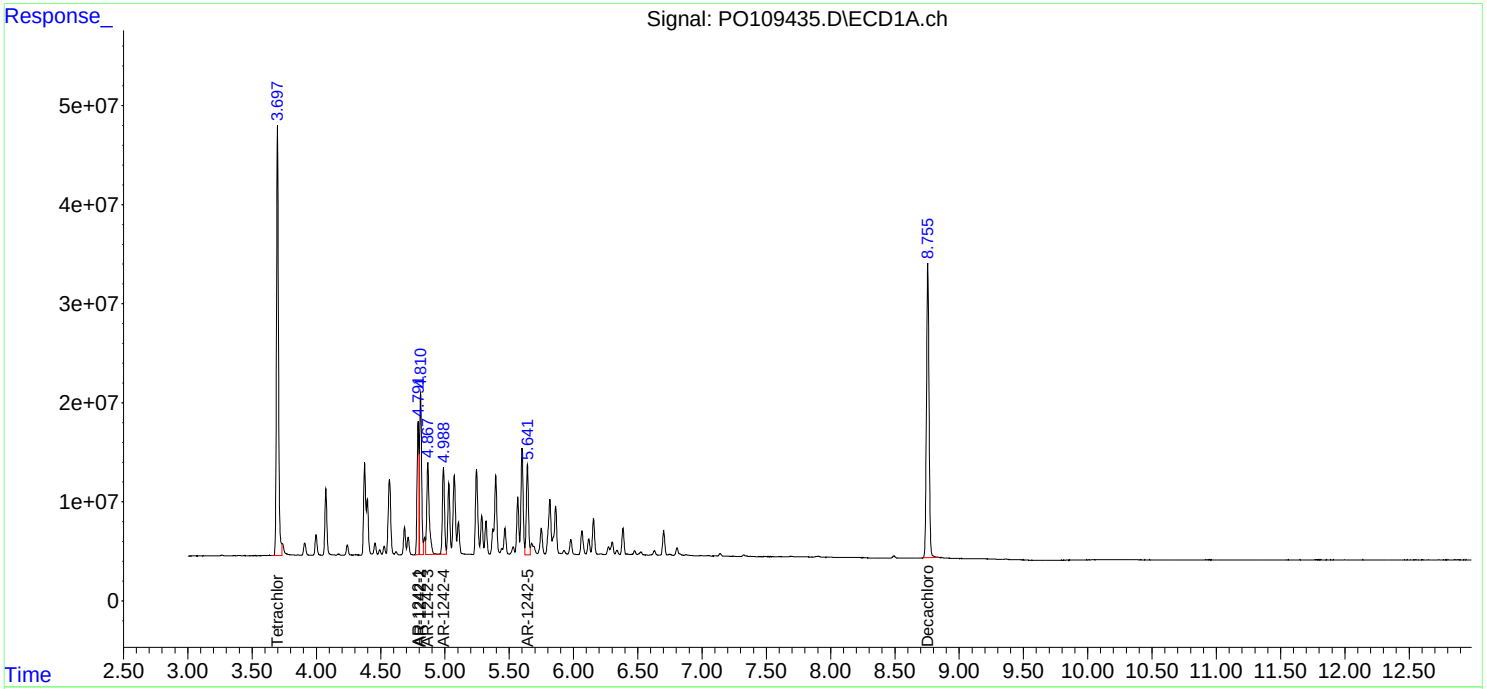
ICAL Form

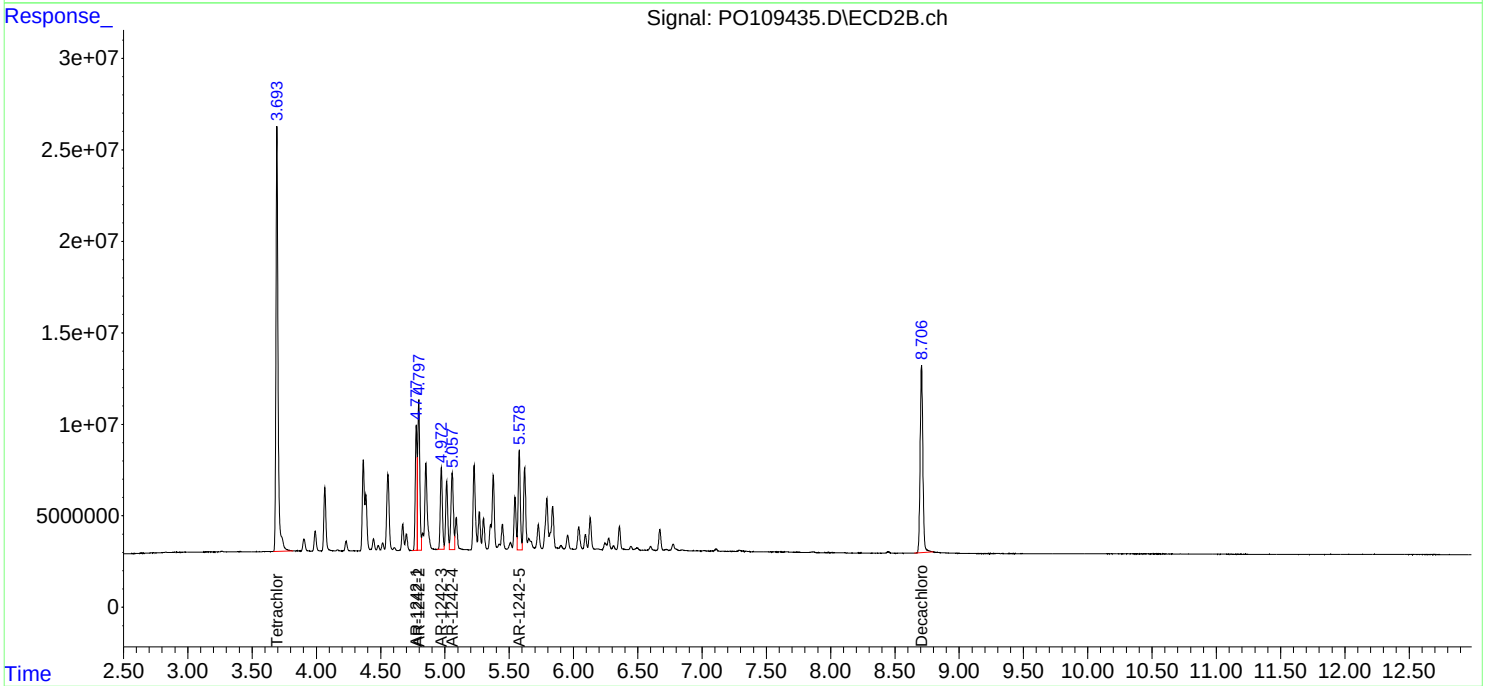
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:31
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

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.

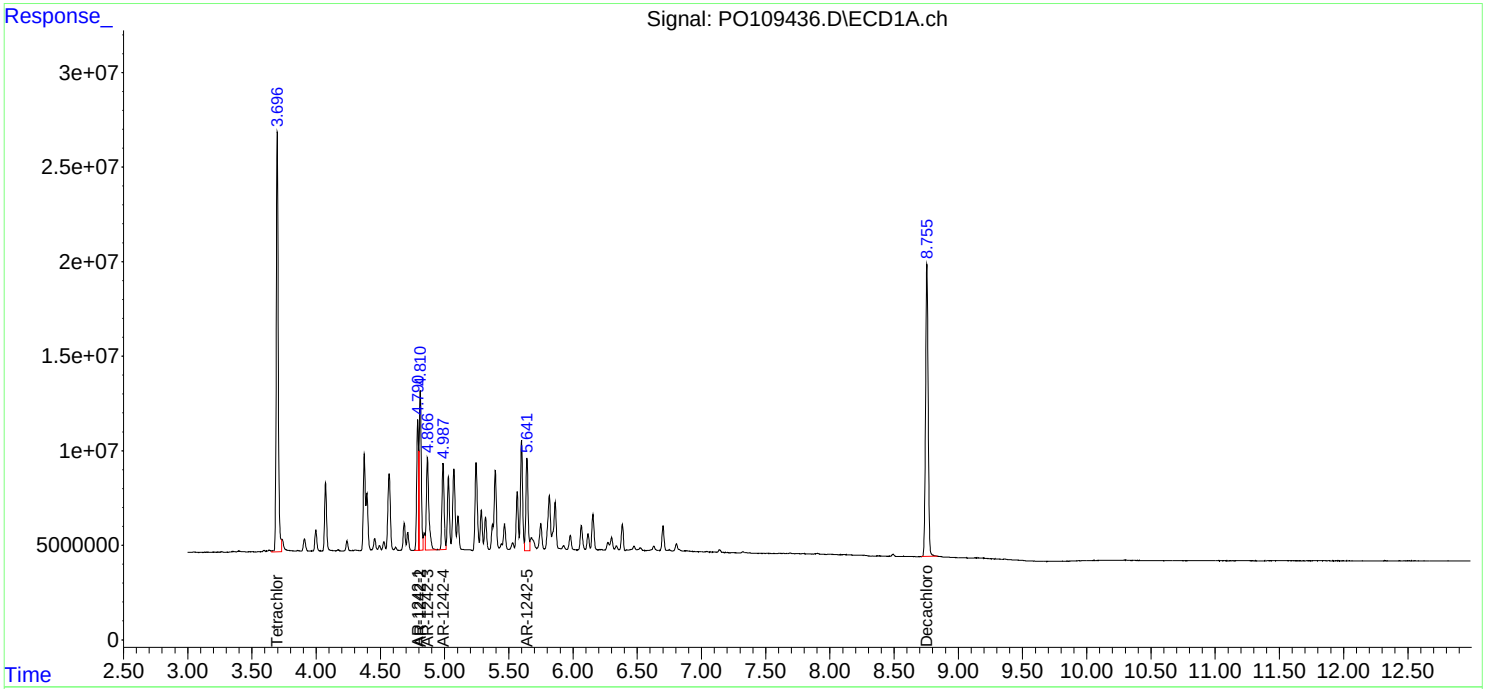
ICAL Form

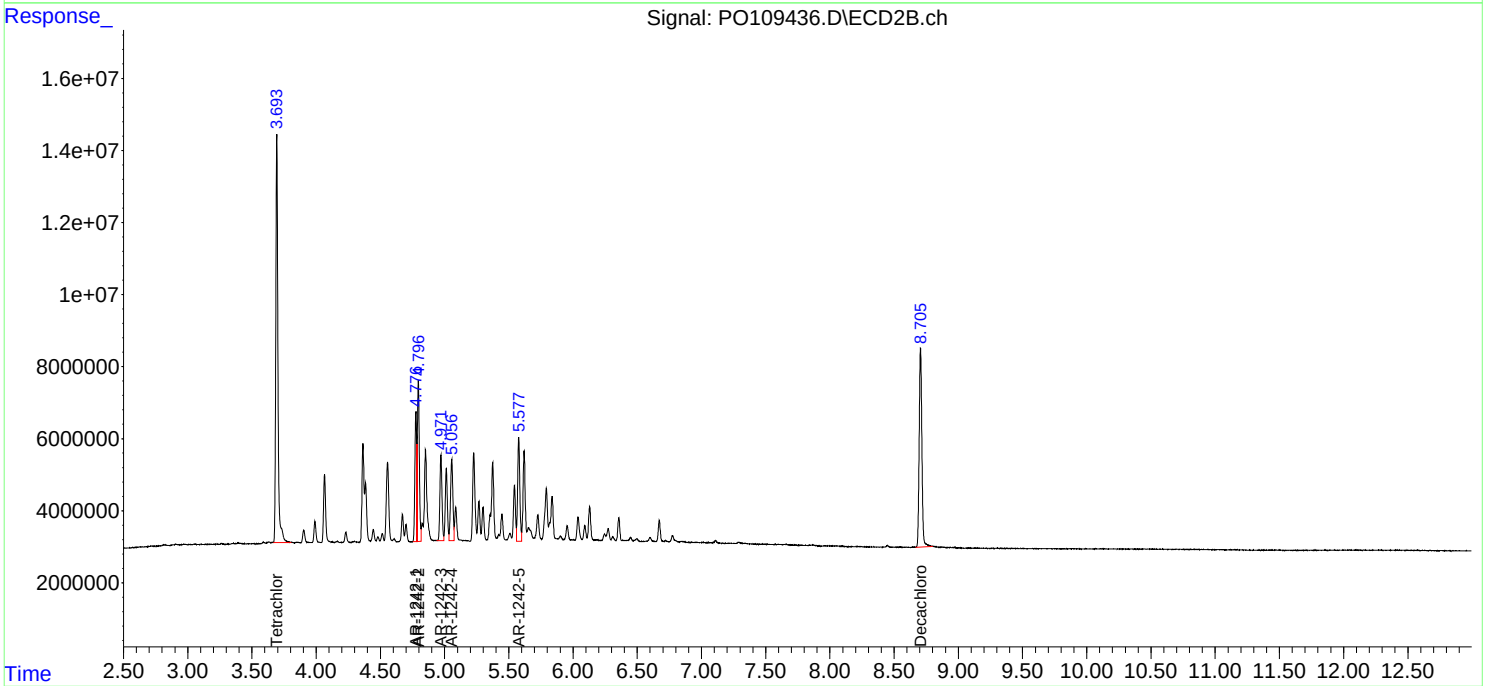
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:50
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

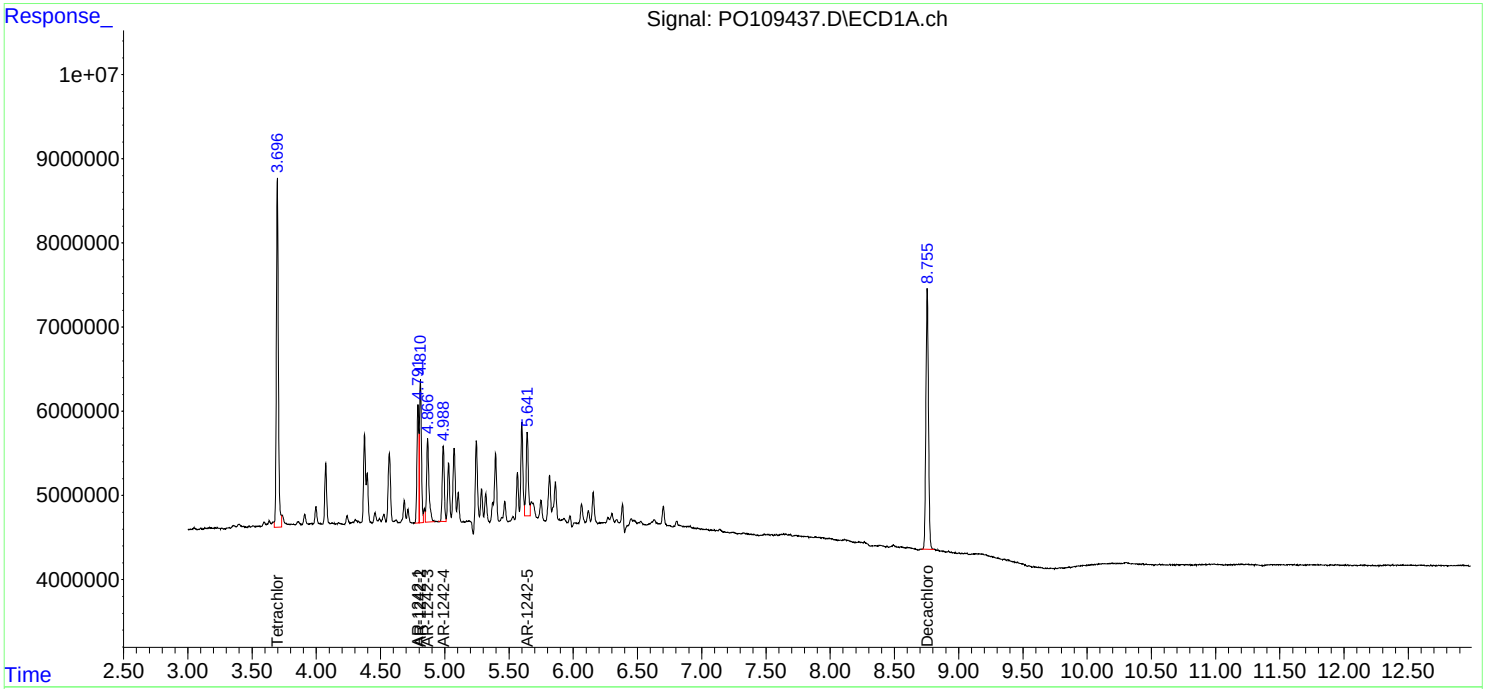
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

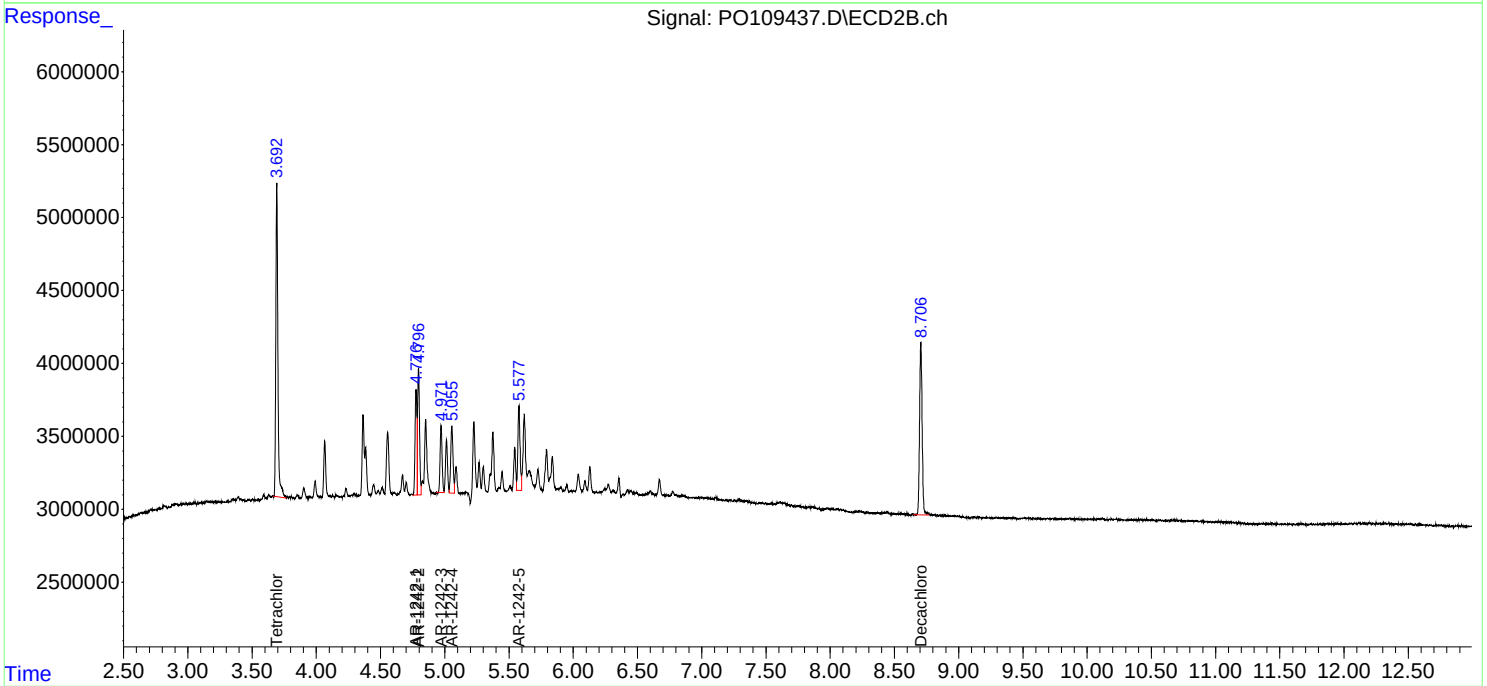
Manual Integrations APPROVED

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.

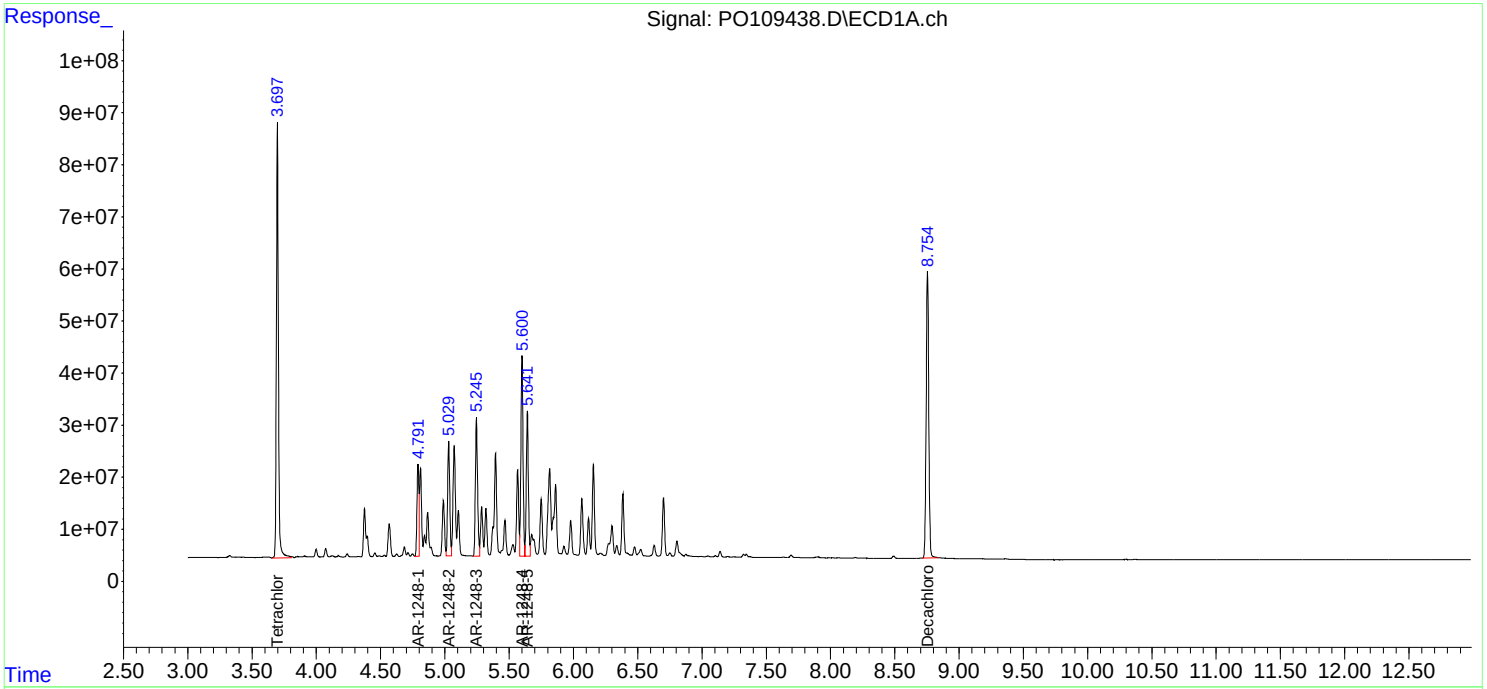
ICAL Form

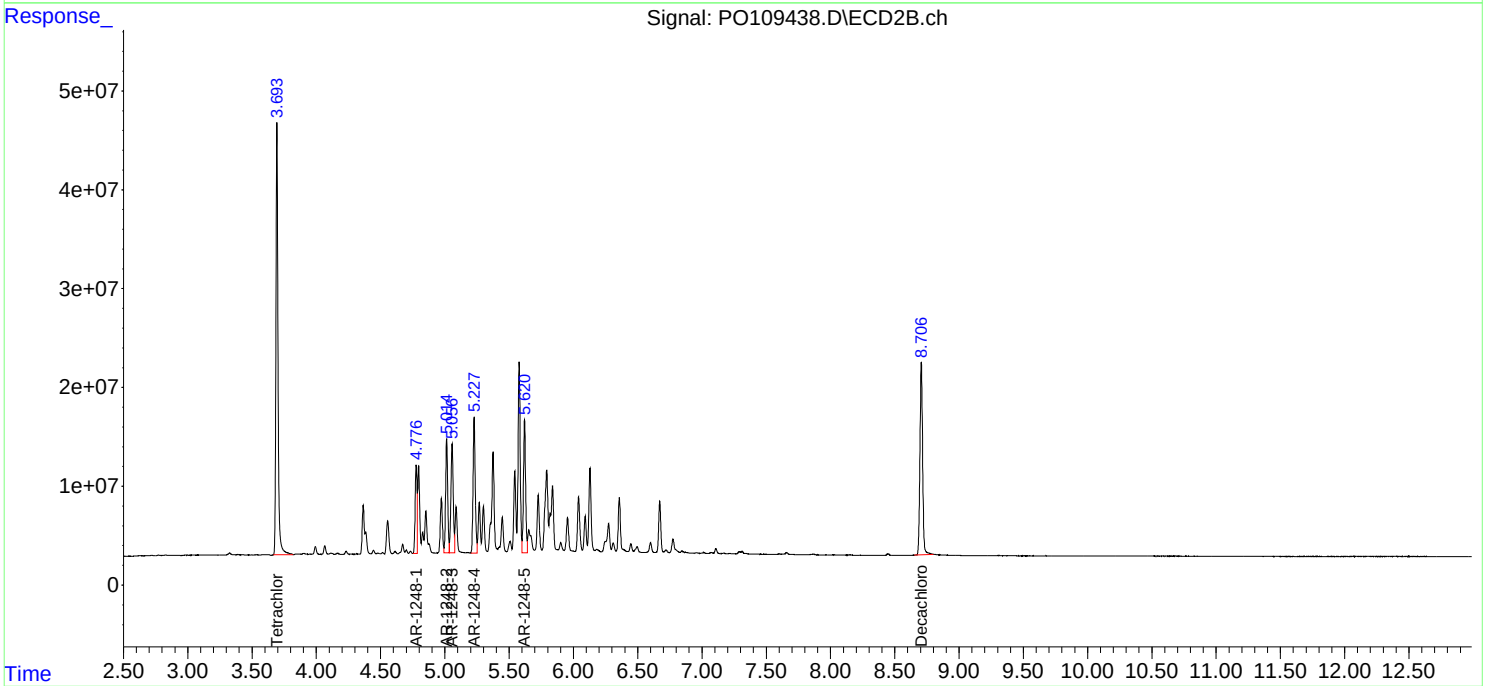
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:26
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

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.

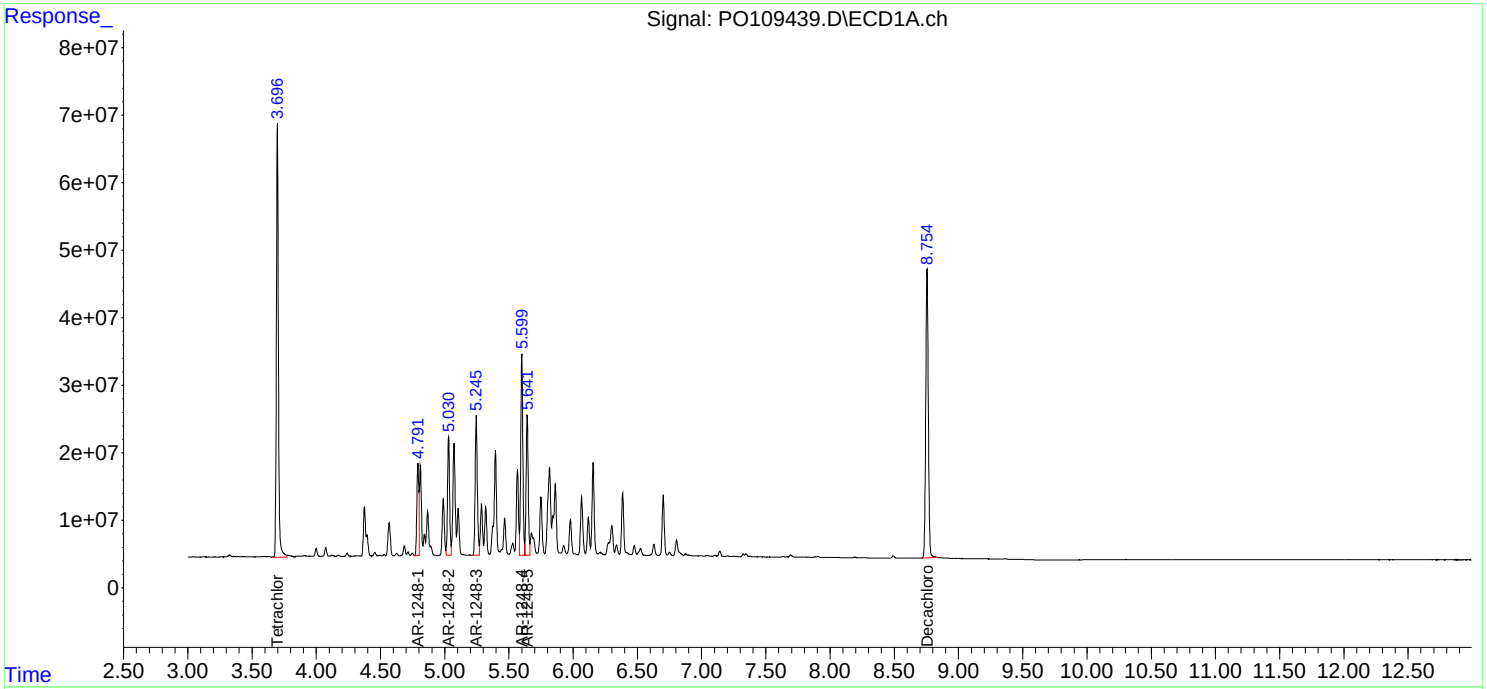
ICAL Form

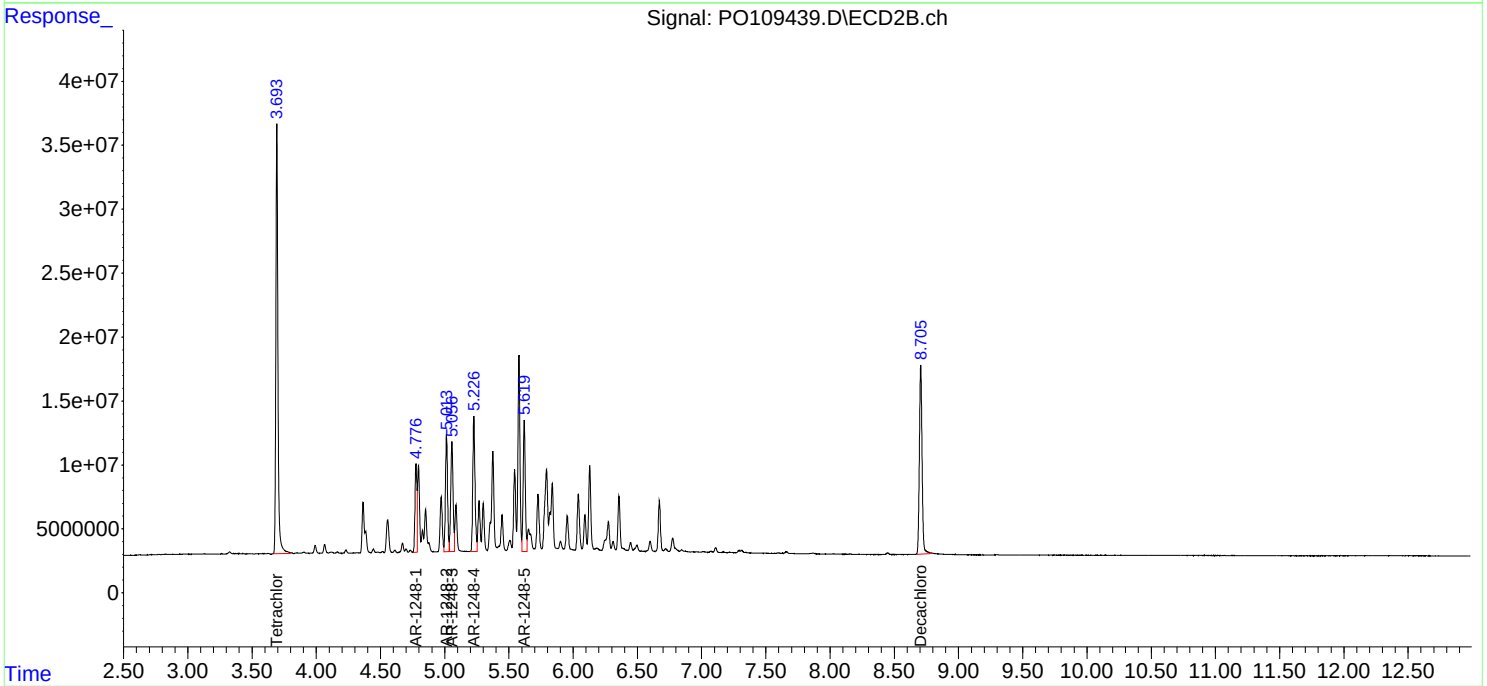
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:45
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

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.

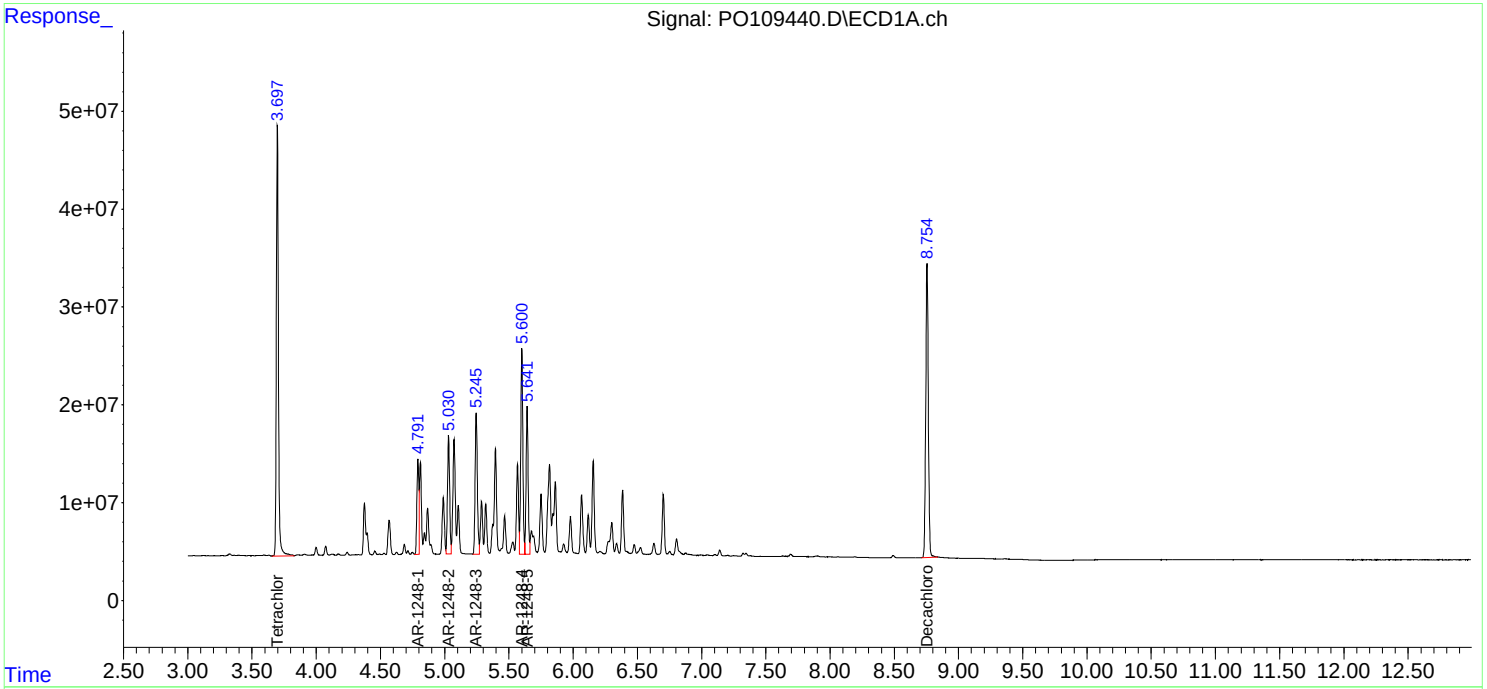
ICAL Form

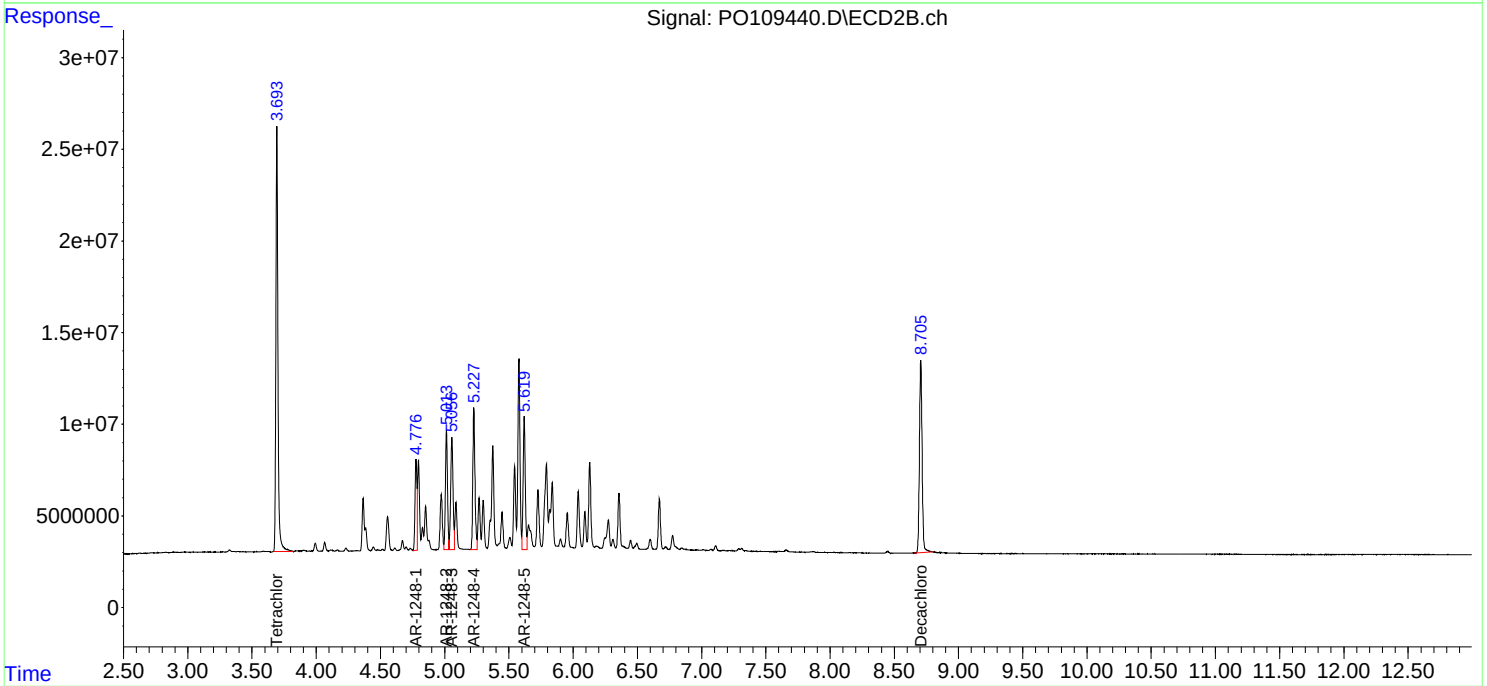
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:03
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

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.

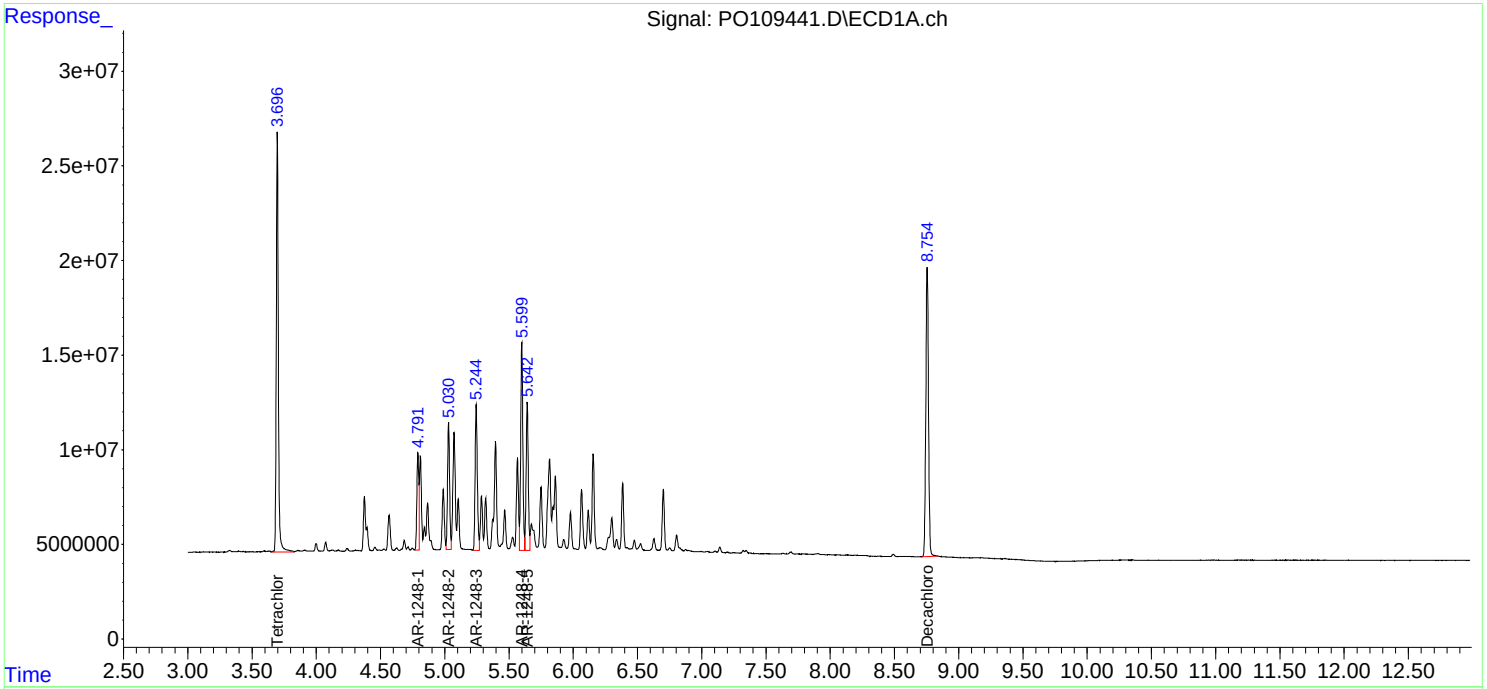
ICAL Form

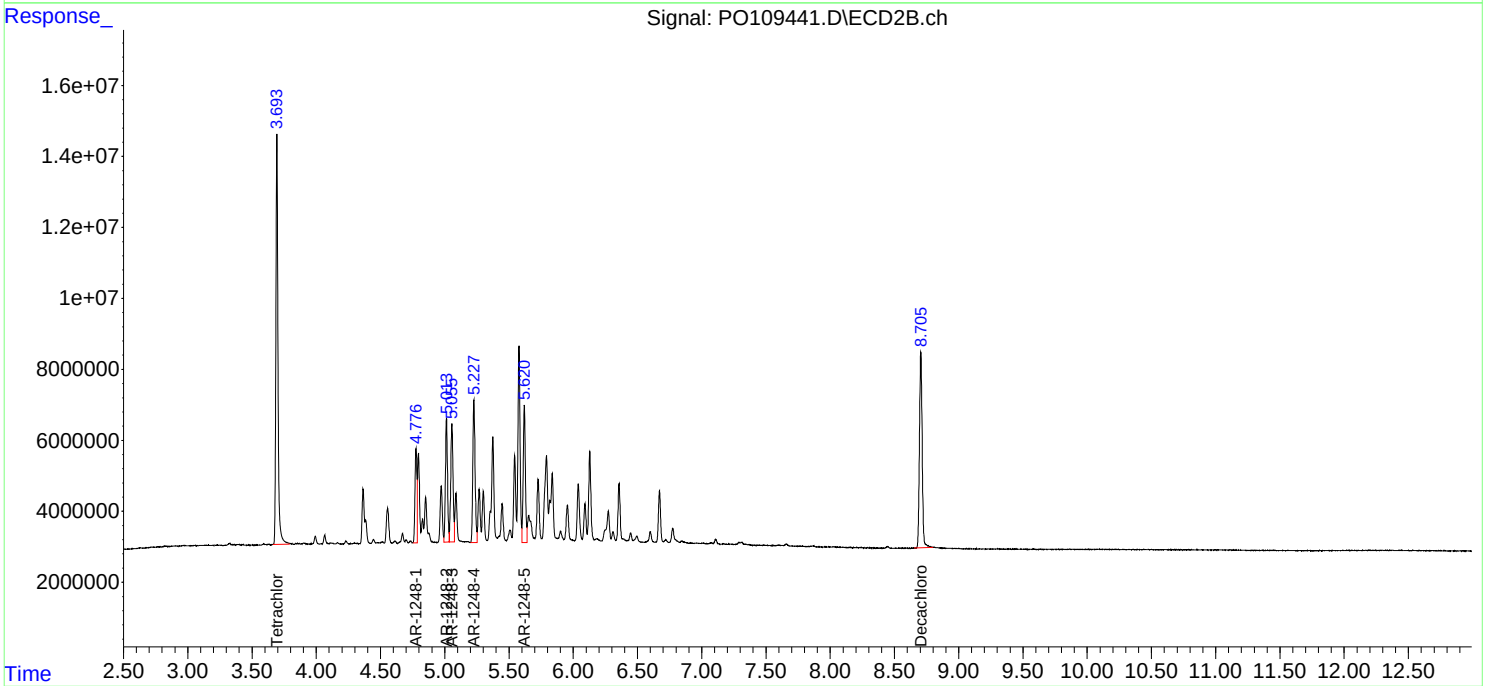
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:21
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

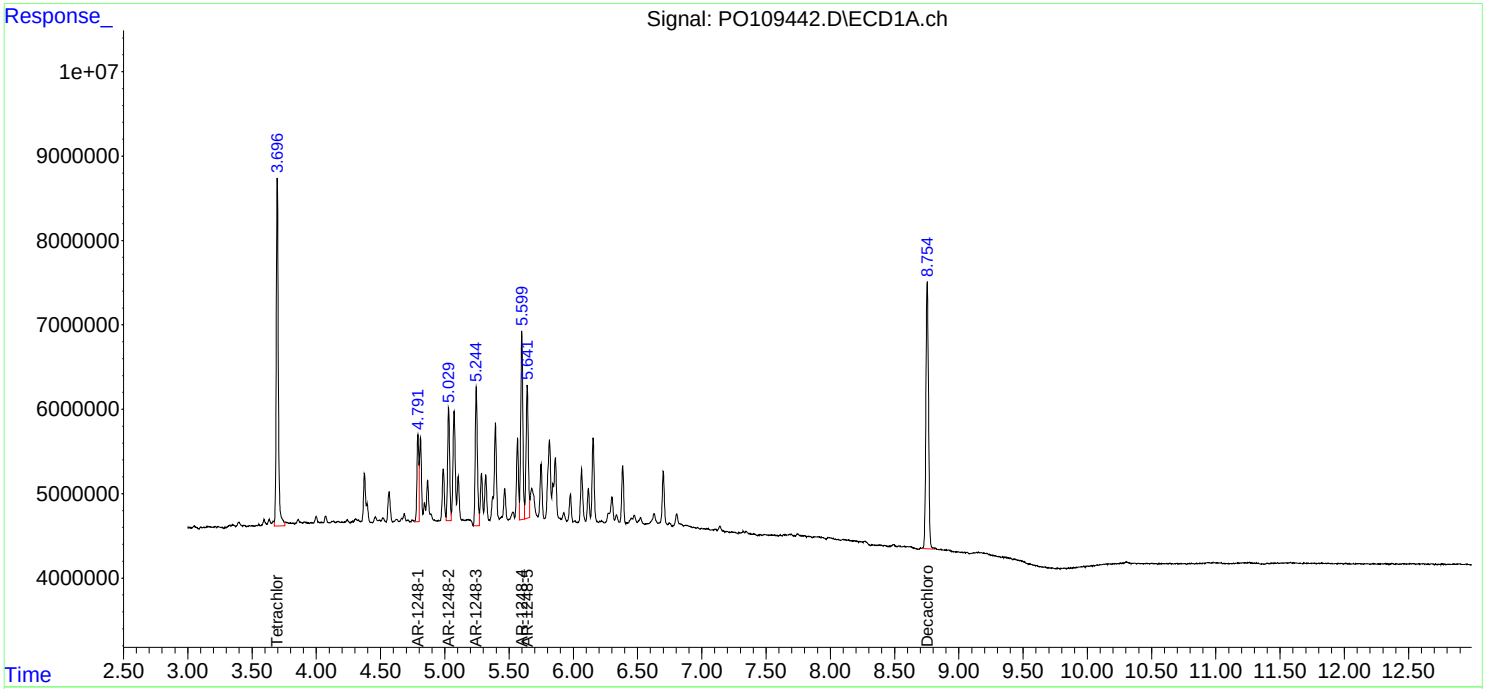
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

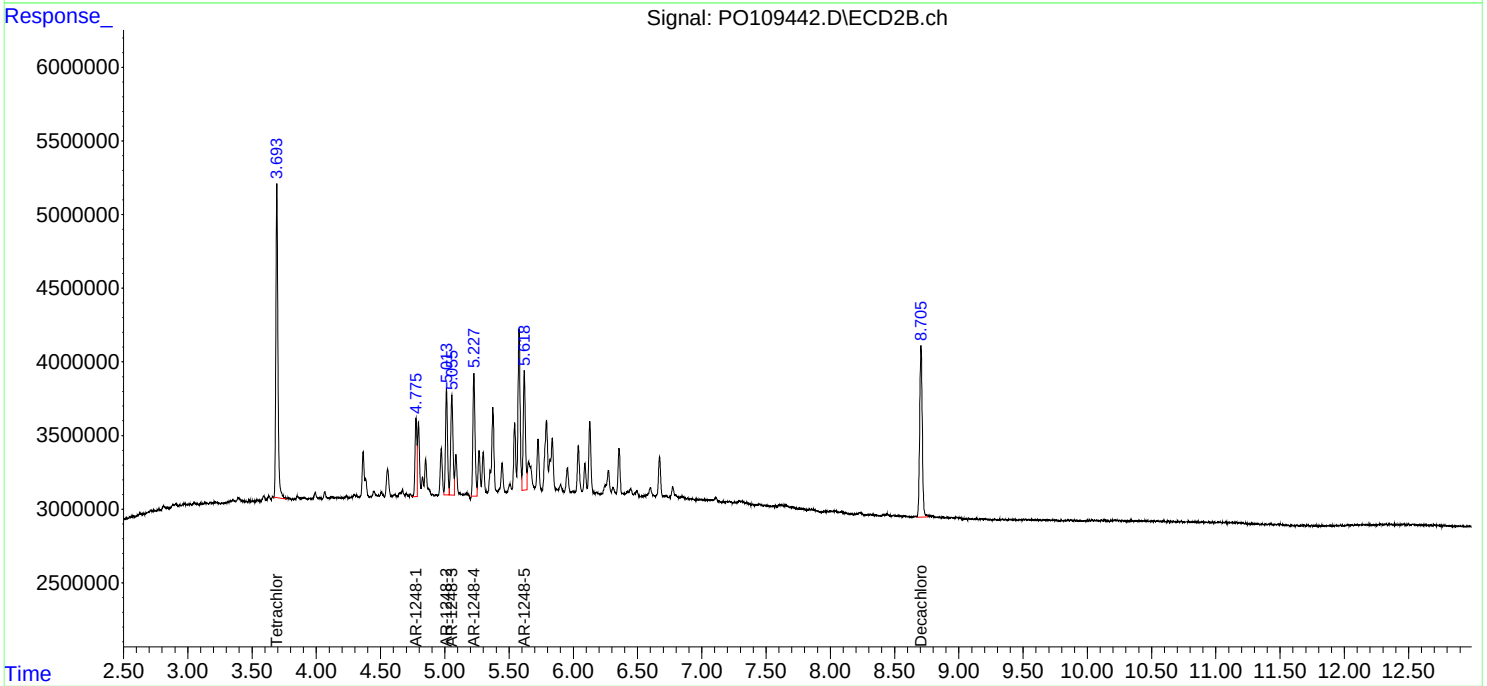
Manual Integrations APPROVED

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.

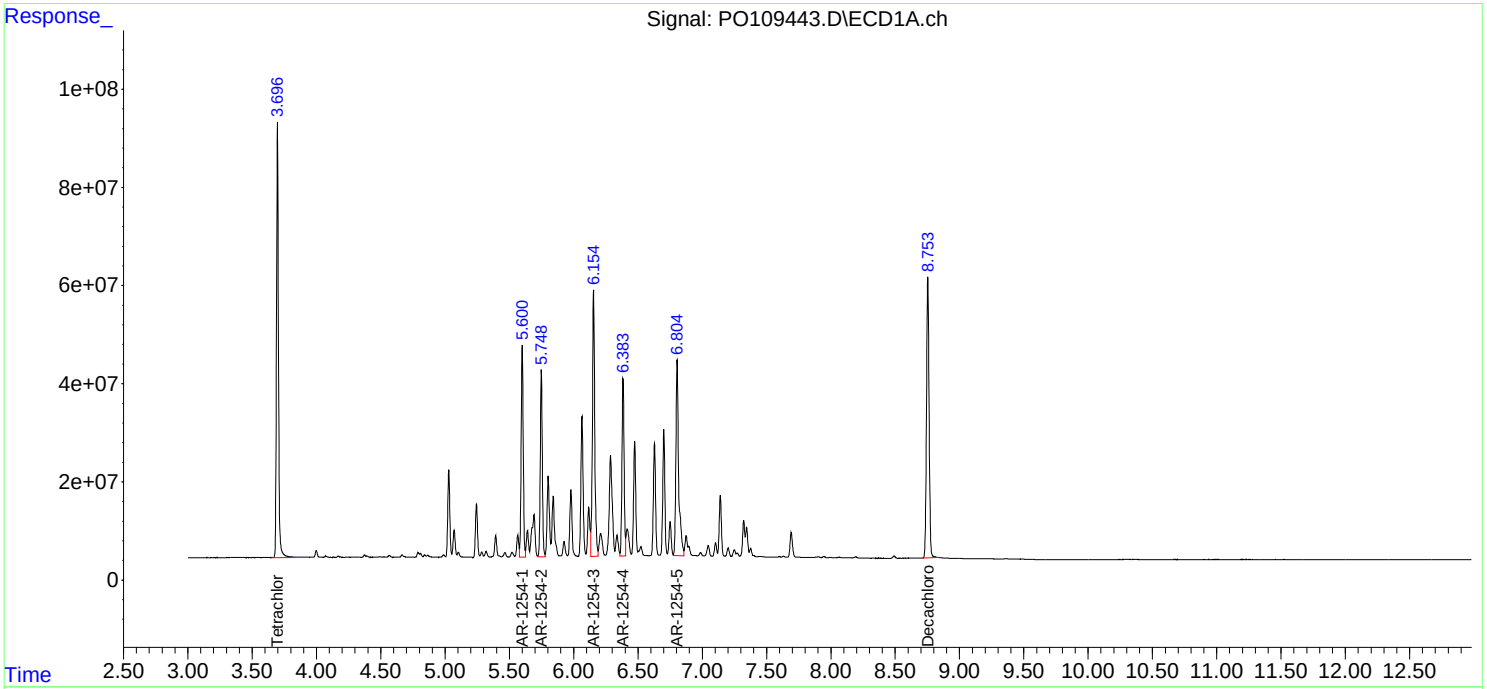
ICAL Form

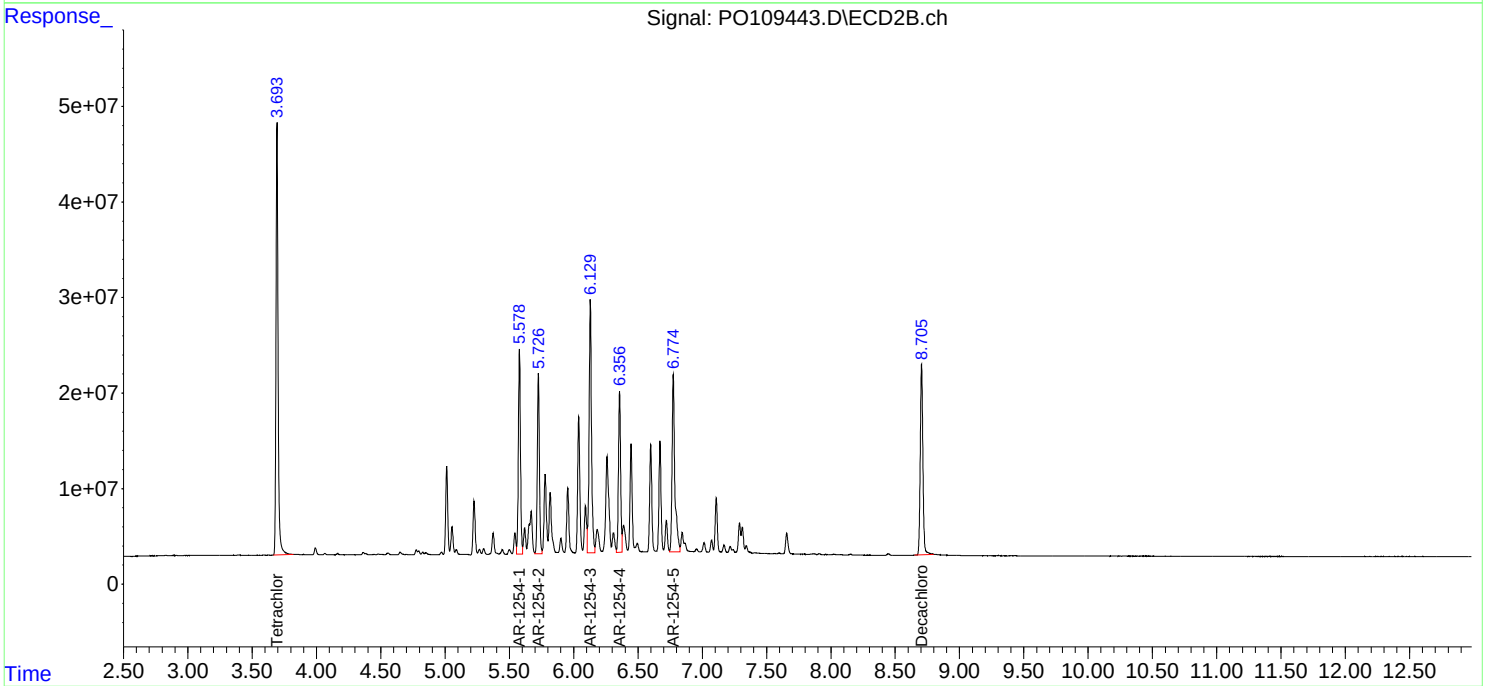
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:58
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

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.

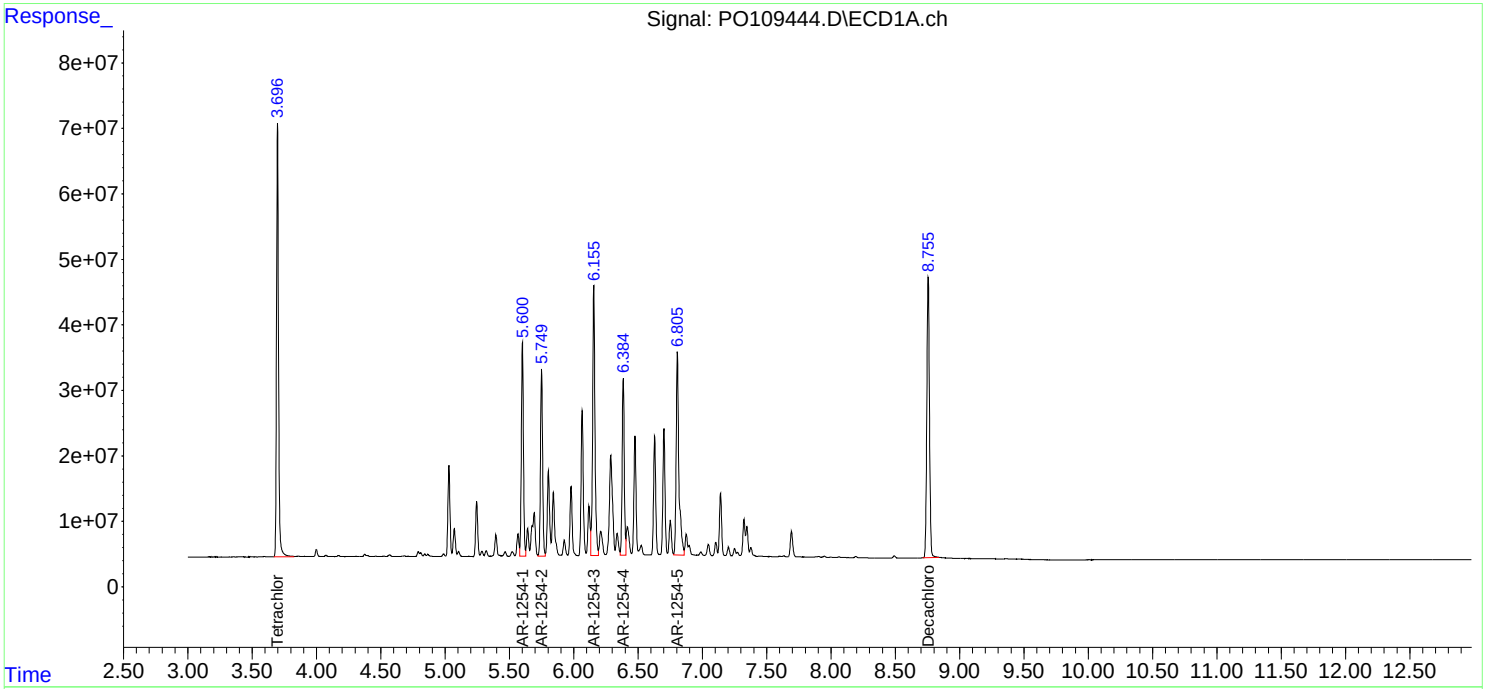
ICAL Form

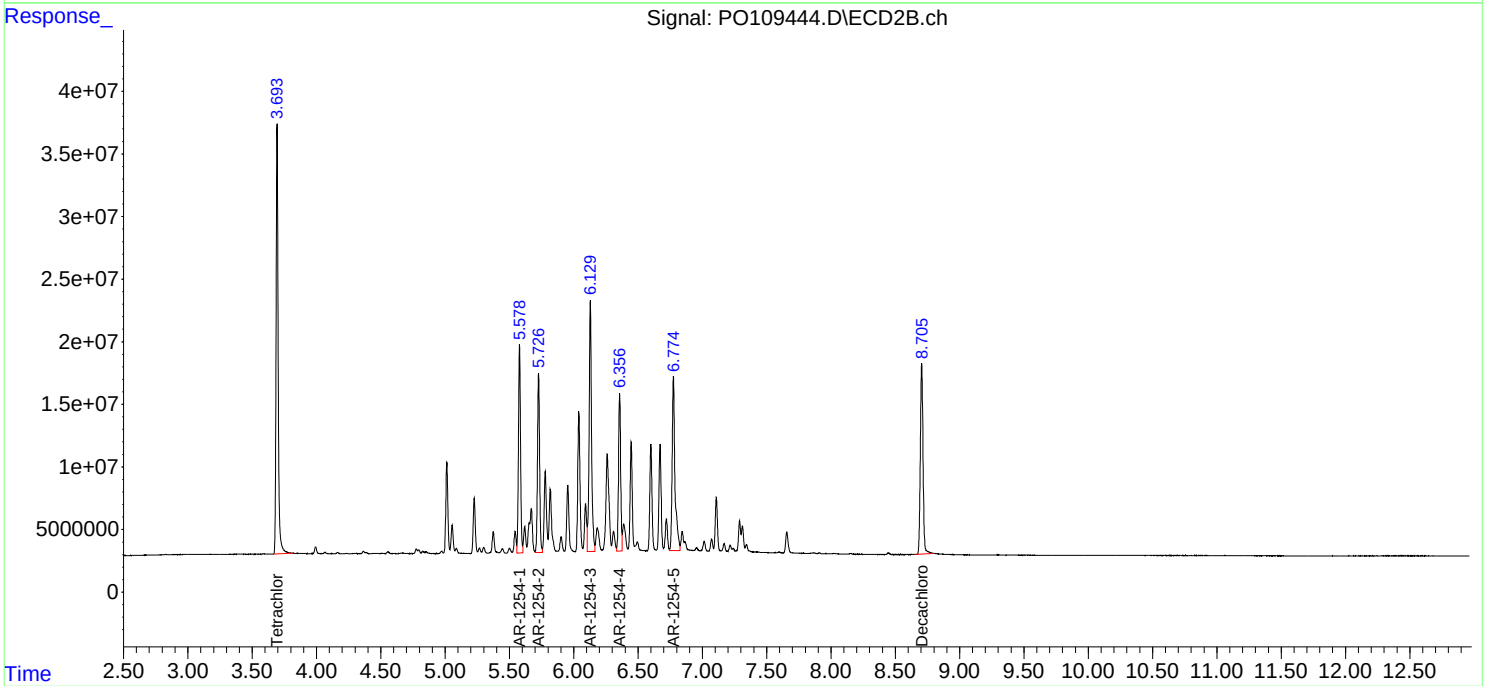
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

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.

Quantitation Report (QT Reviewed)

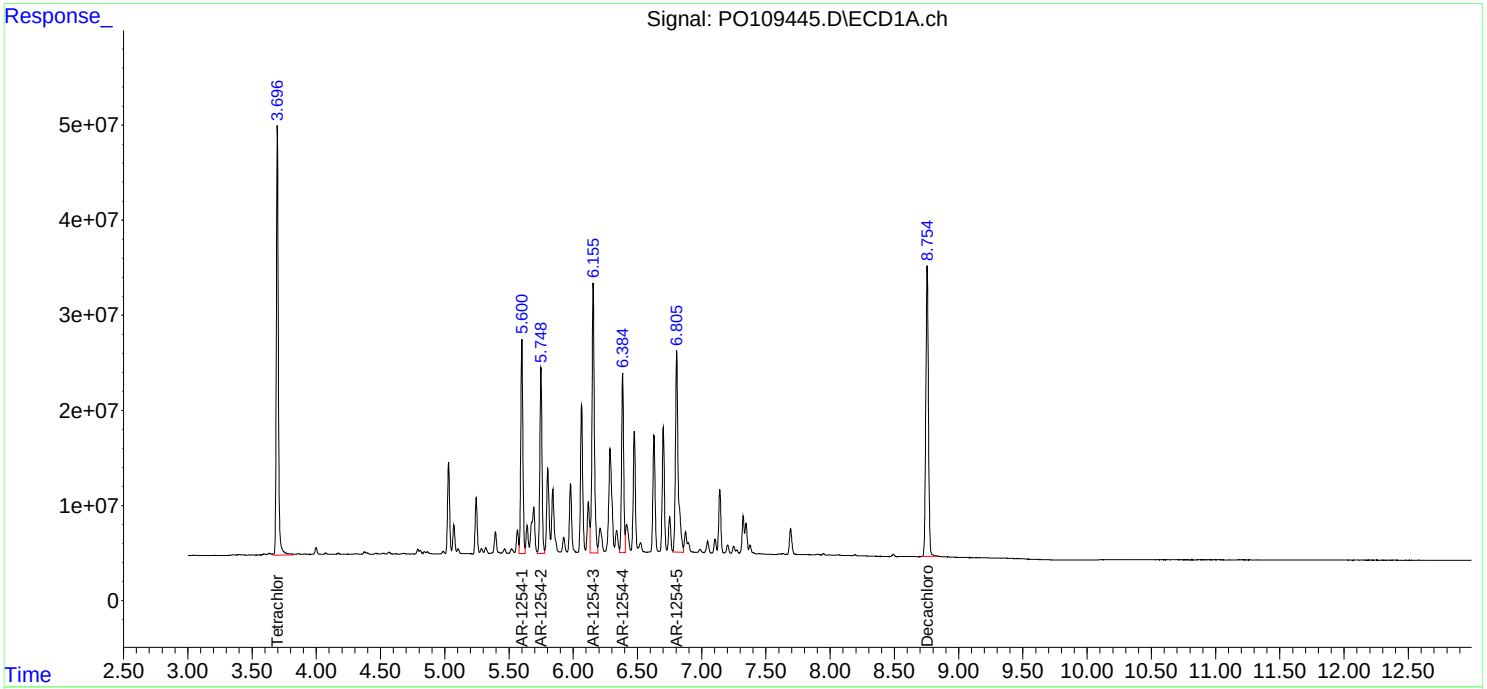
ICAL Form

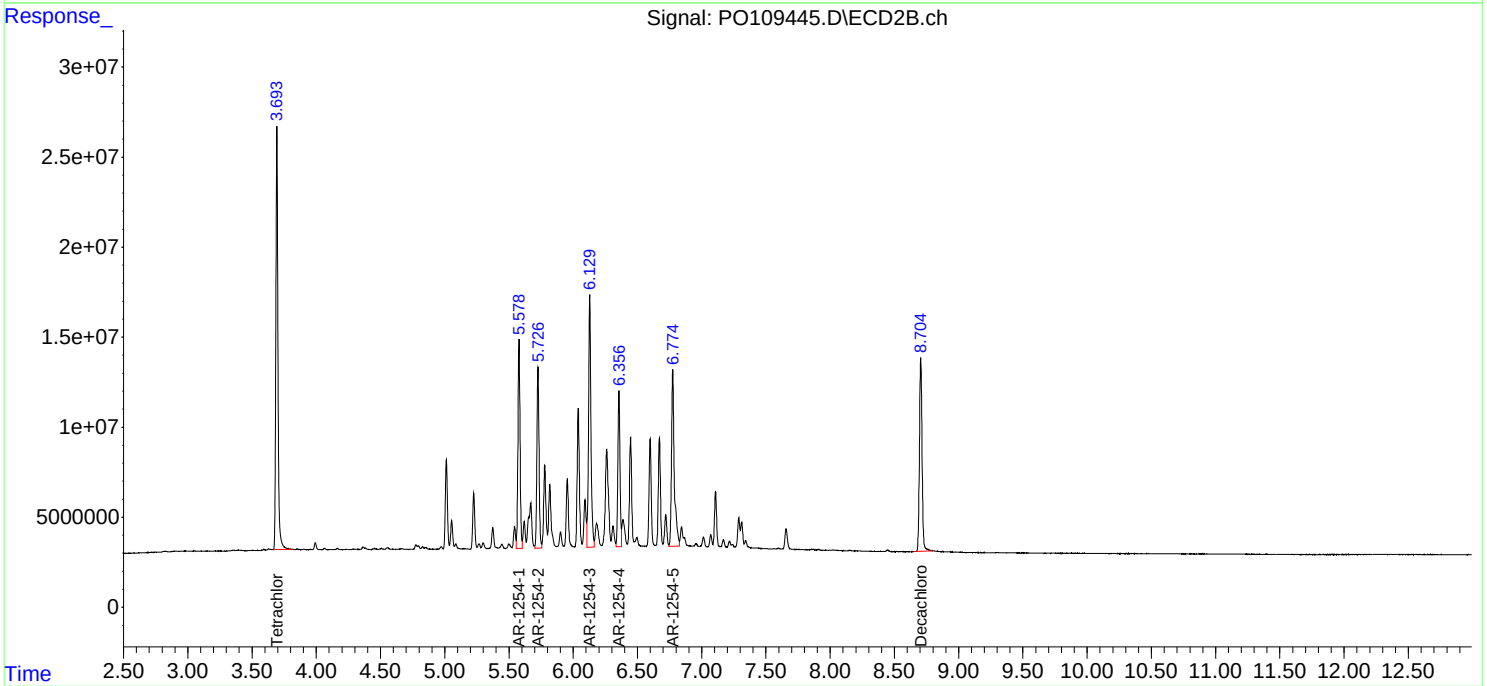
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:35
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

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





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.

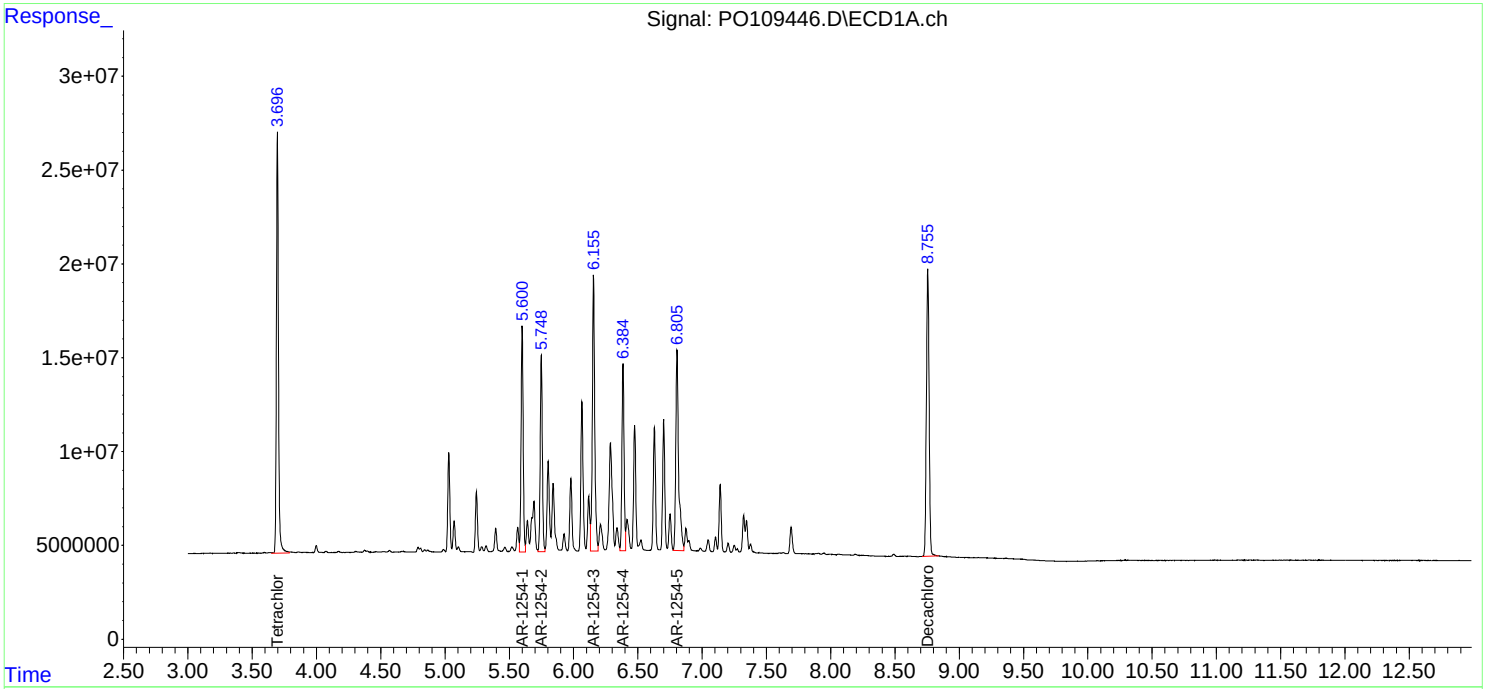
ICAL Form

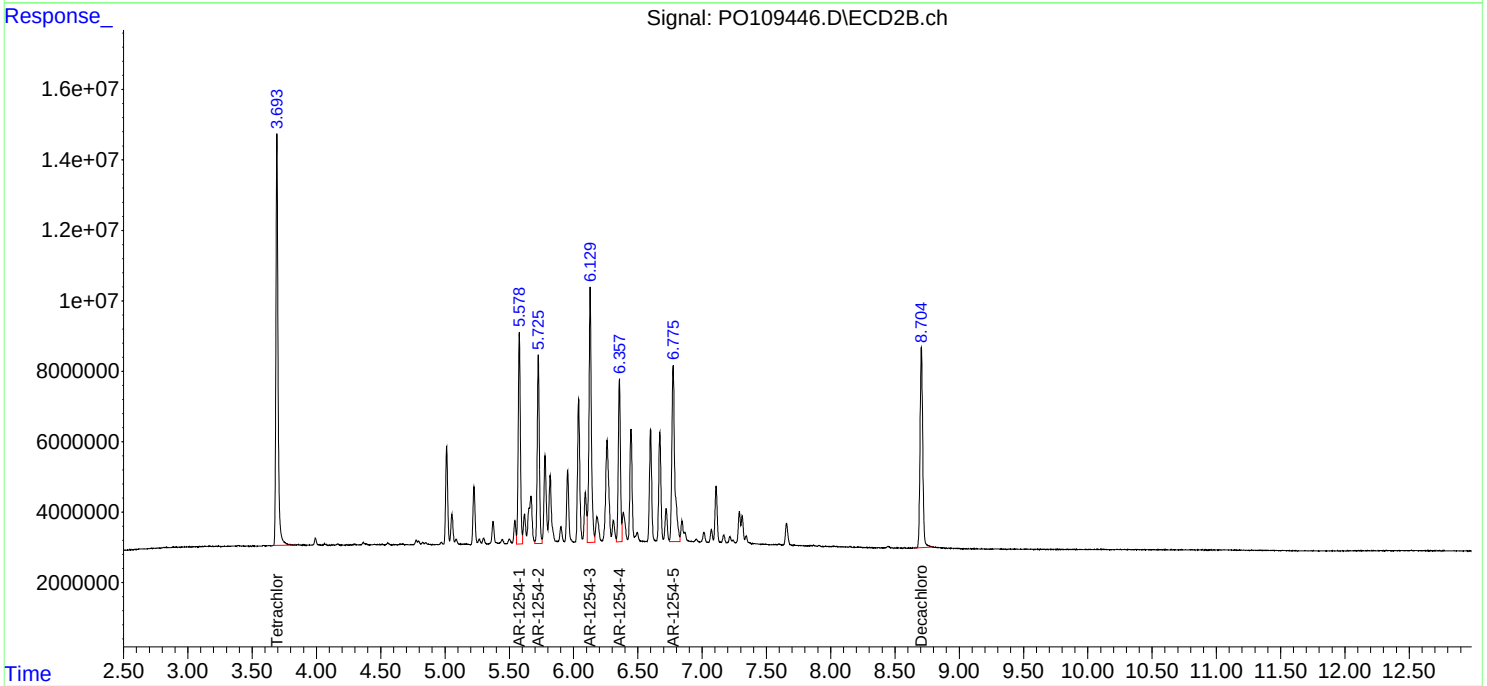
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:53
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

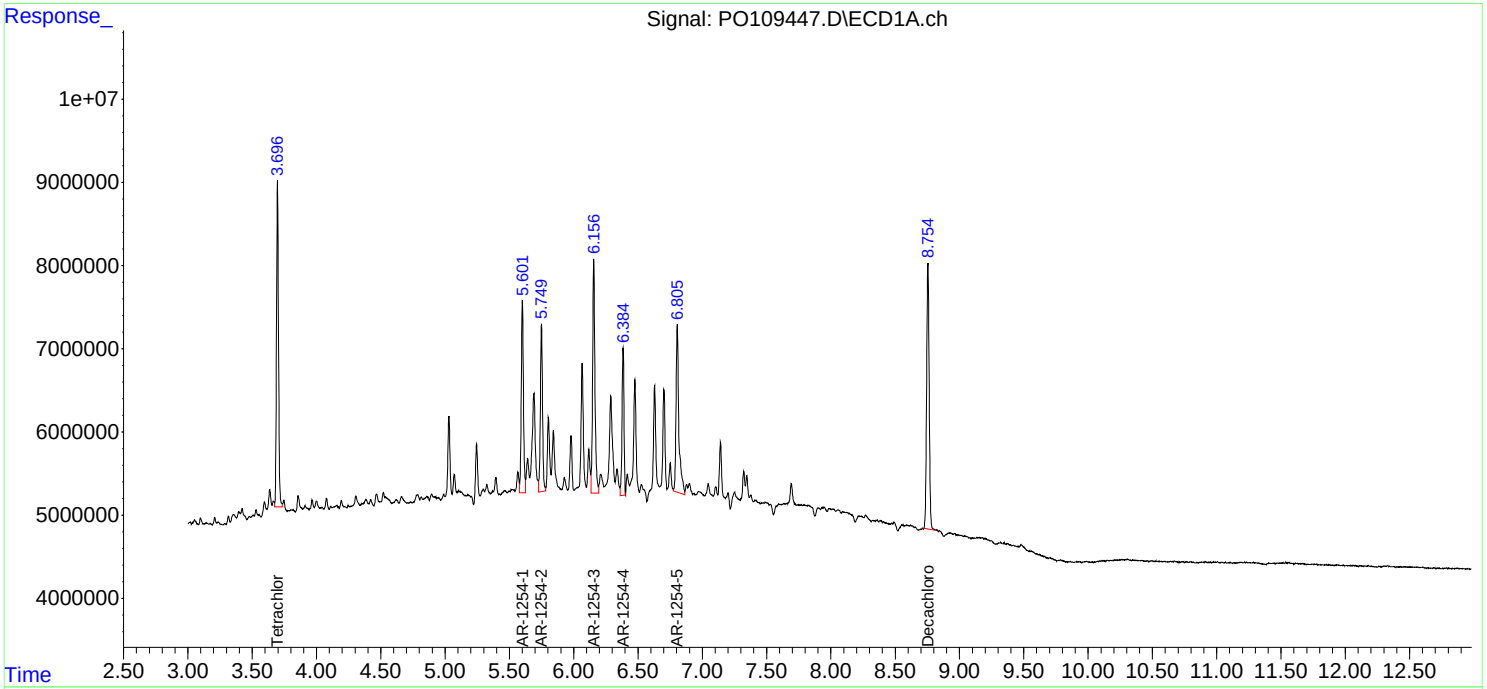
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

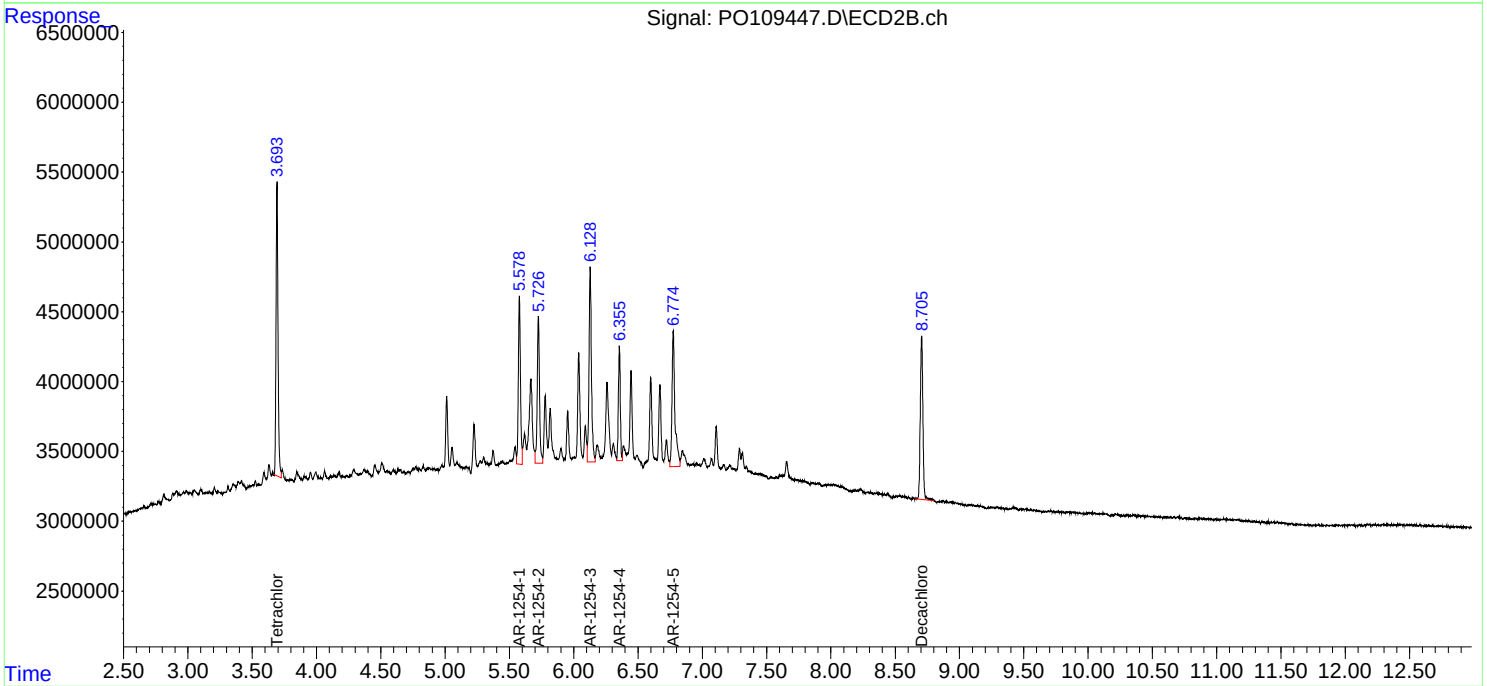
Manual Integrations APPROVED

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.

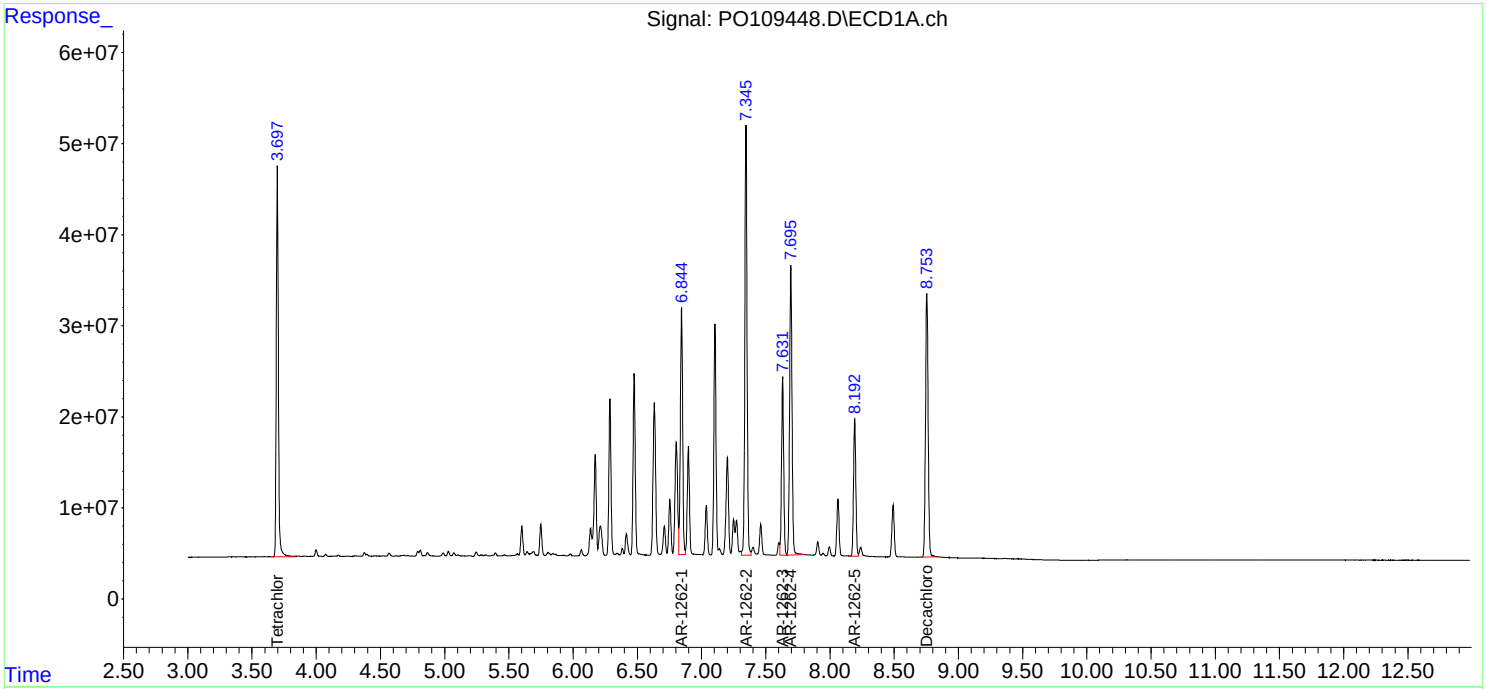
ICAL Form

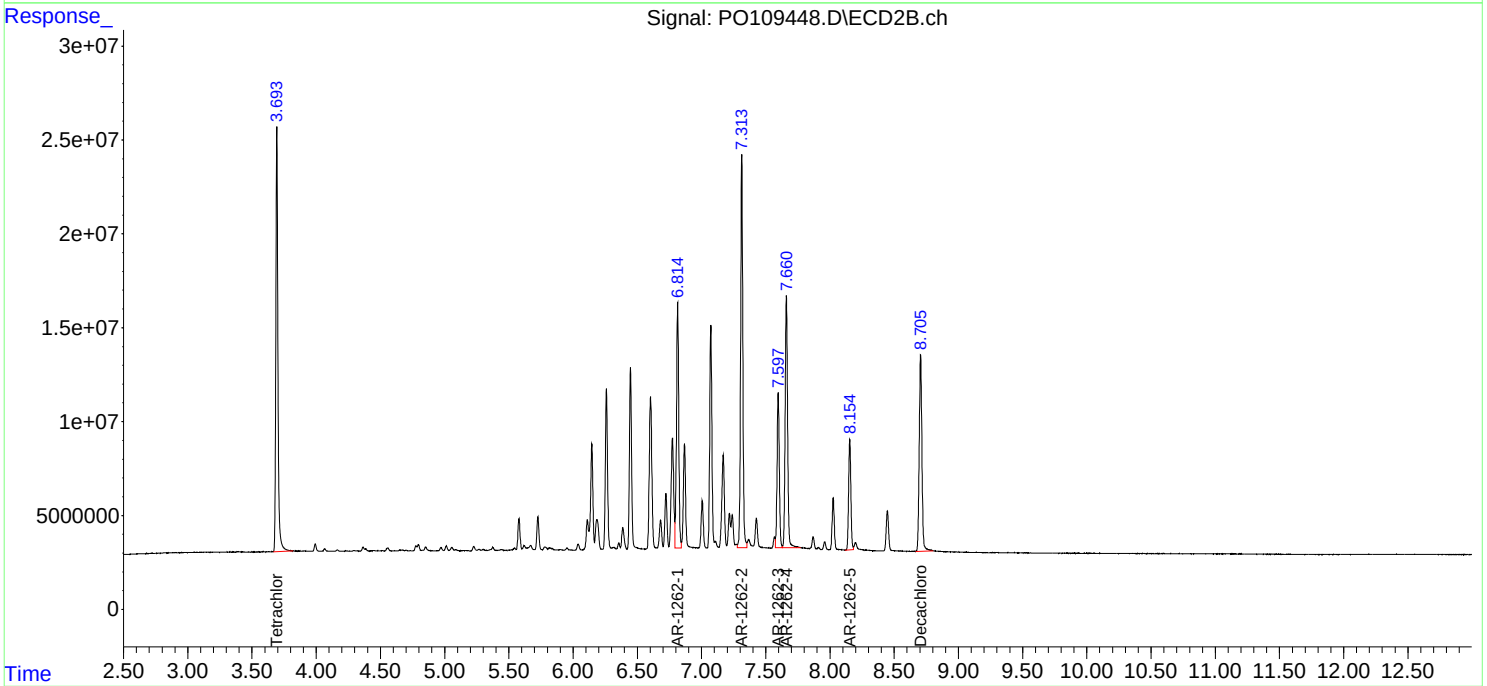
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:30
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

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.

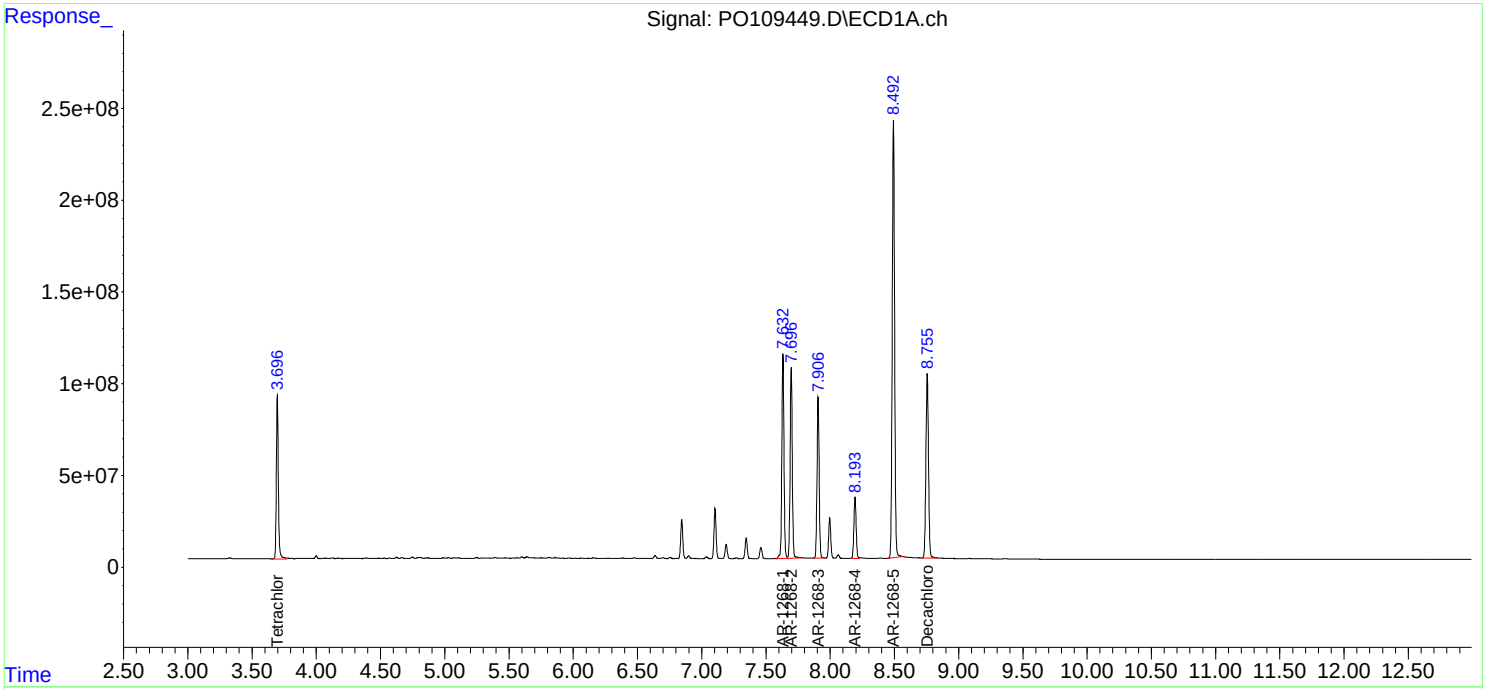
ICAL Form

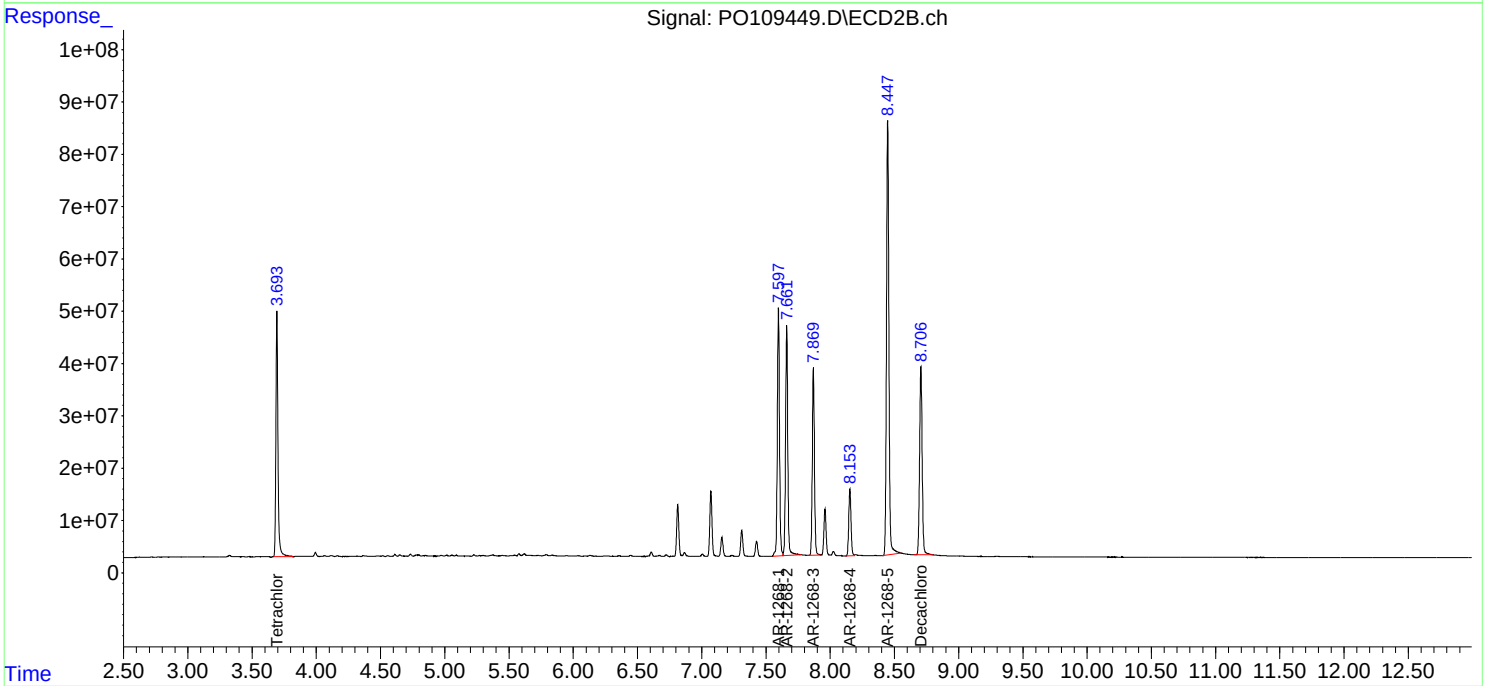
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:48
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

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.

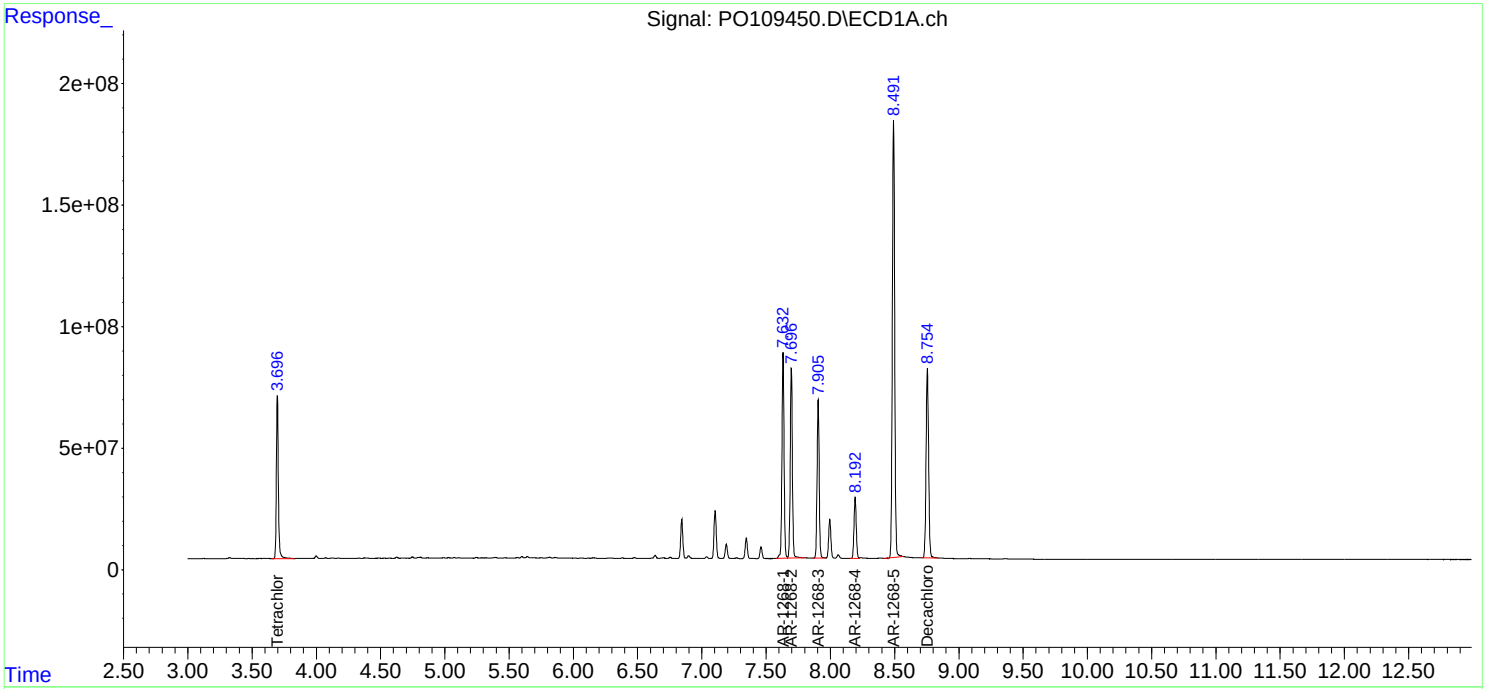
ICAL Form

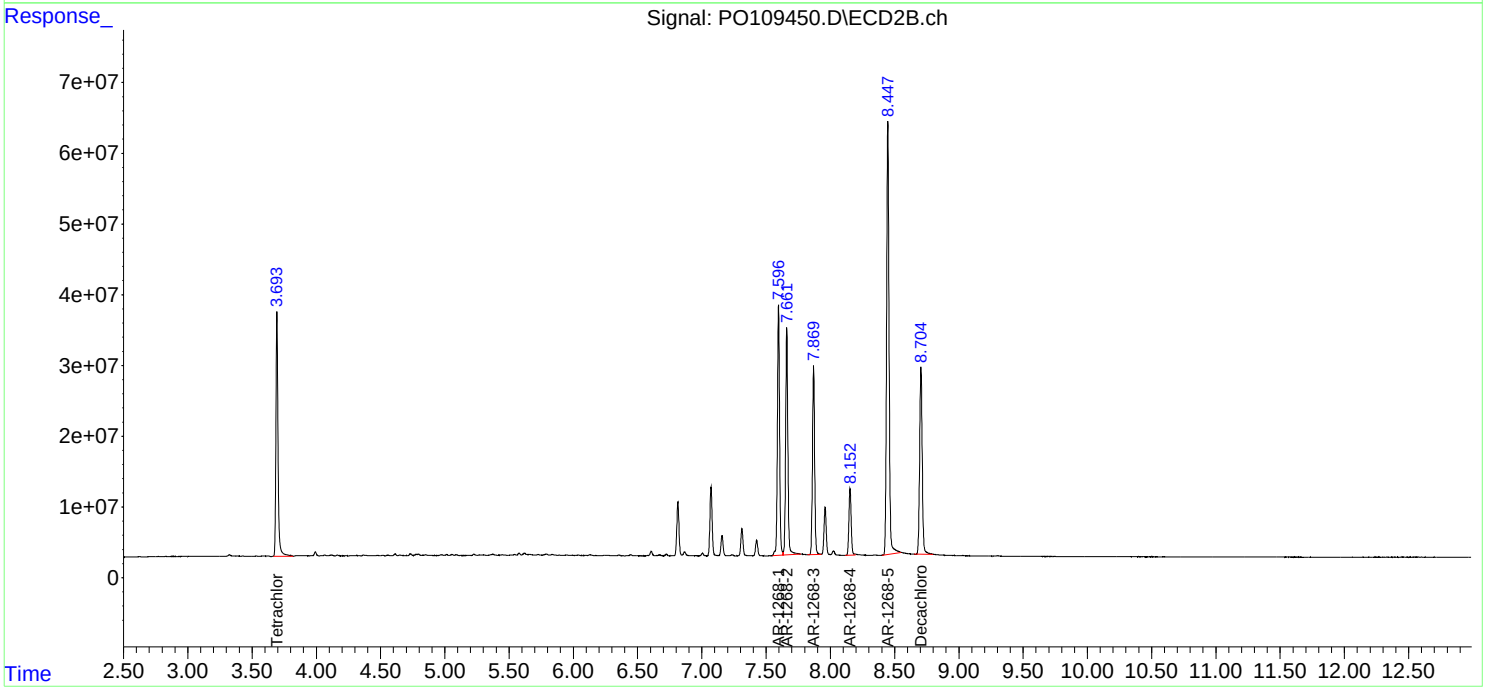
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:07
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

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.

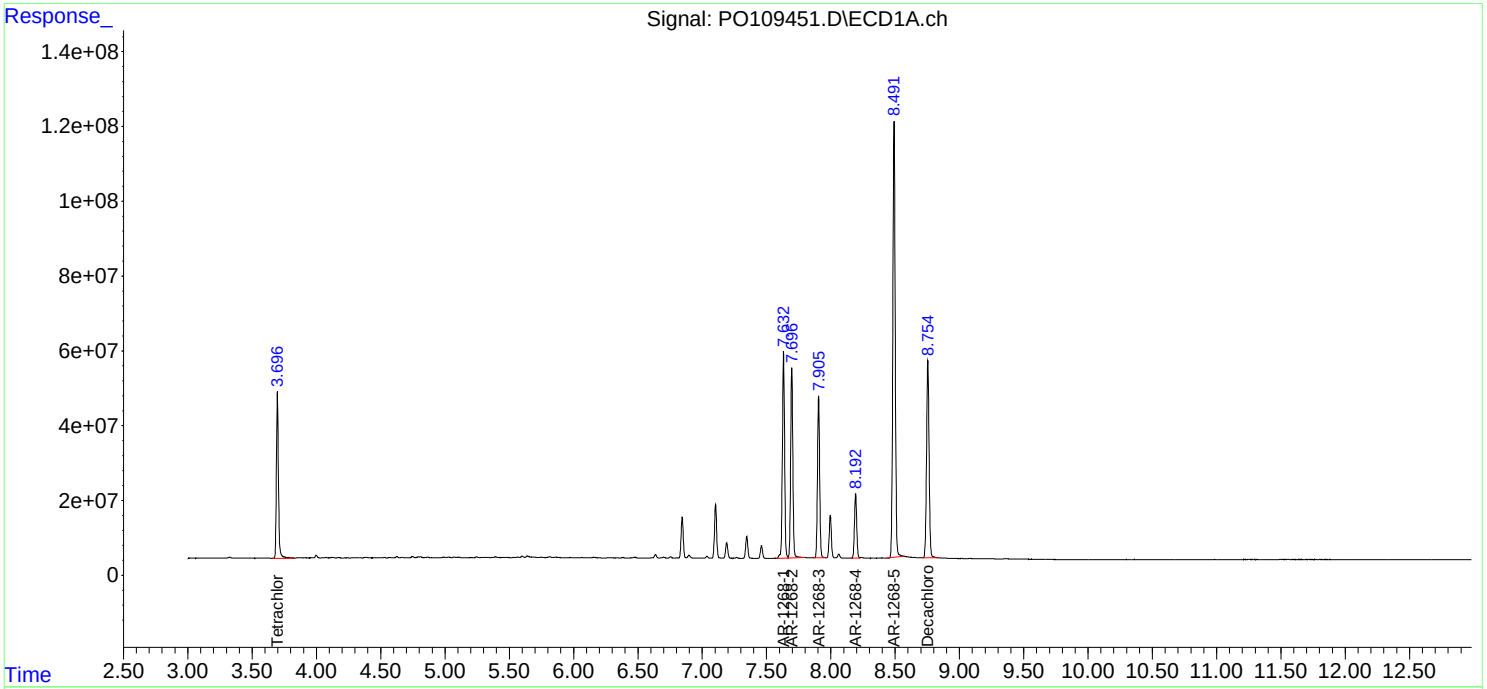
ICAL Form

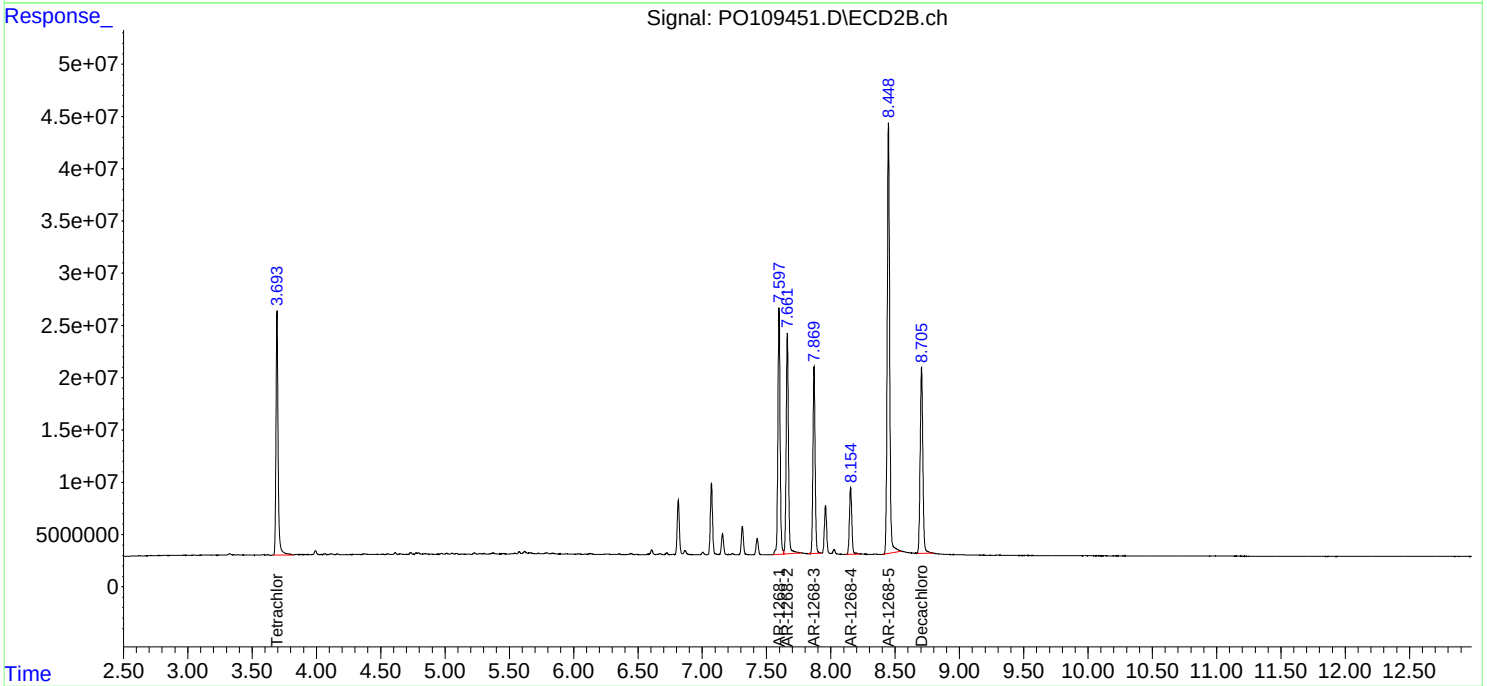
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:25
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

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.

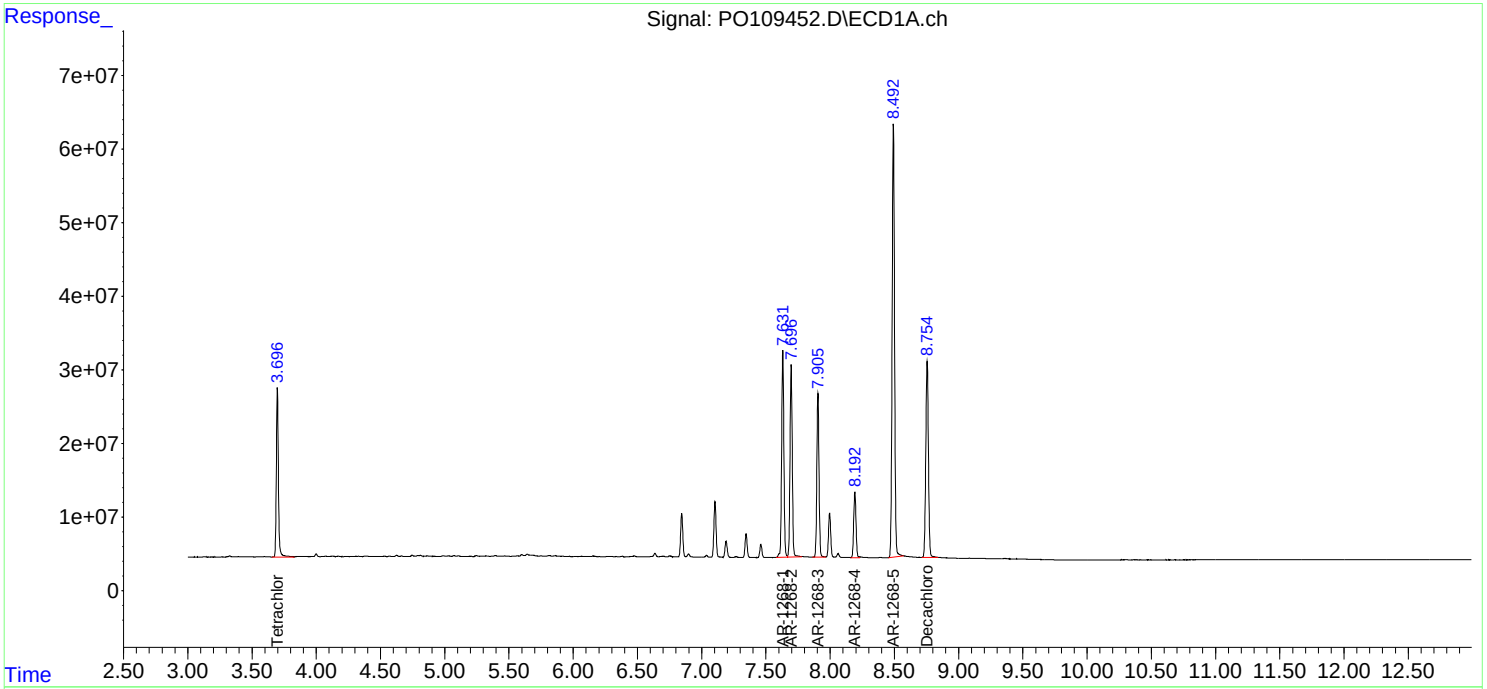
ICAL Form

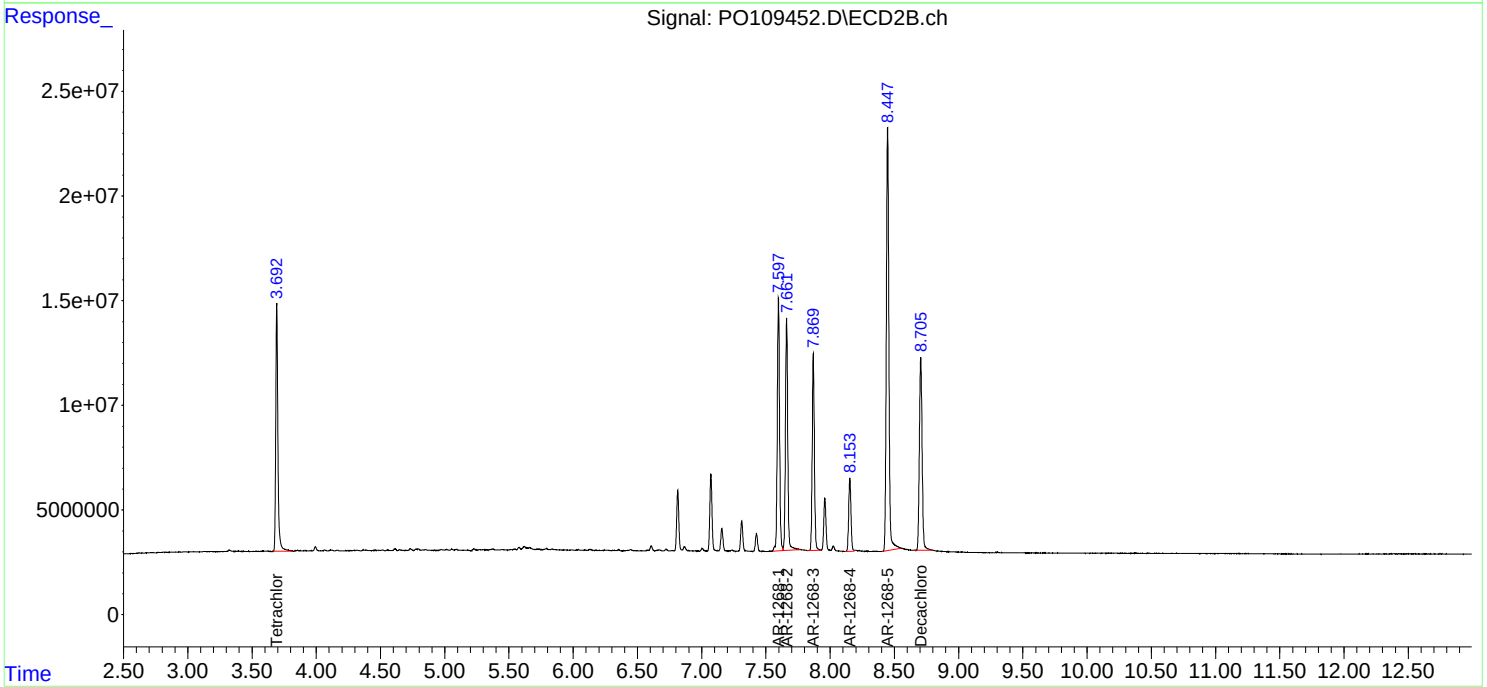
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

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.

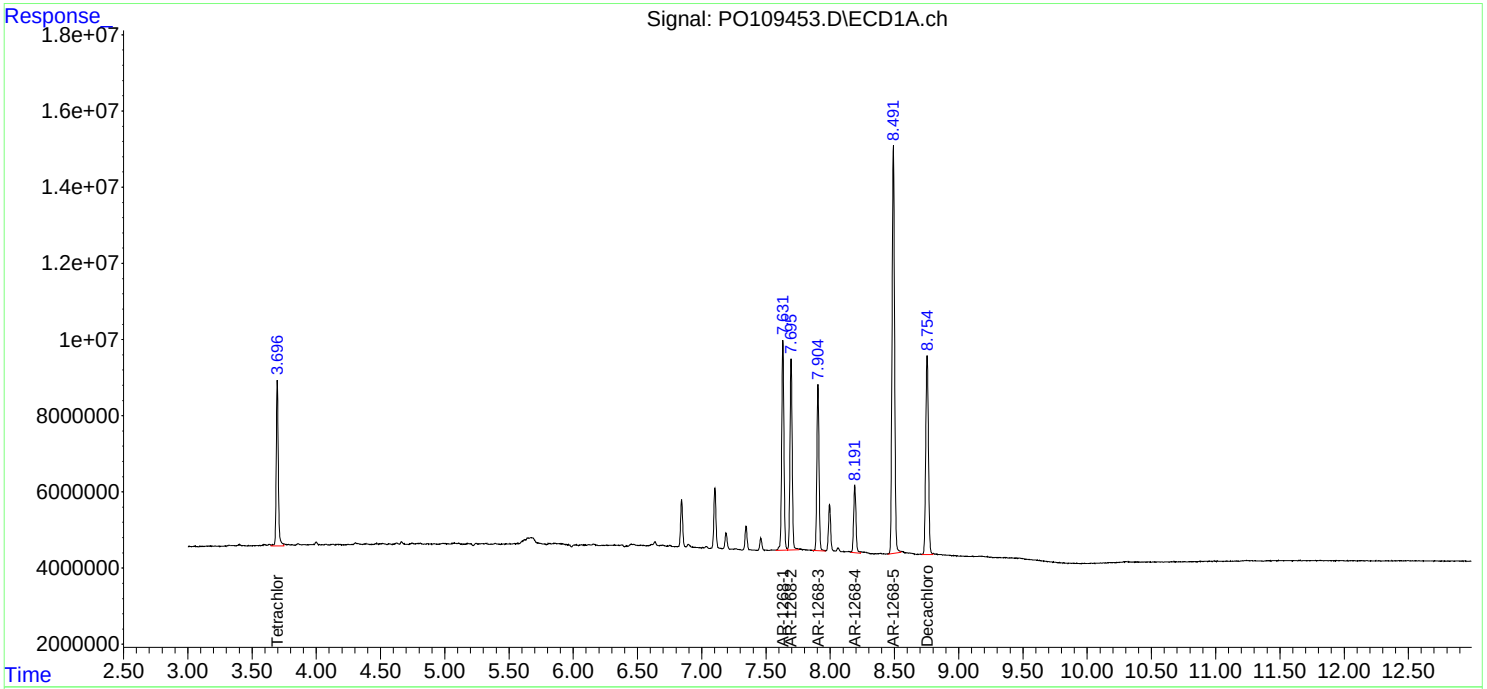
ICAL Form

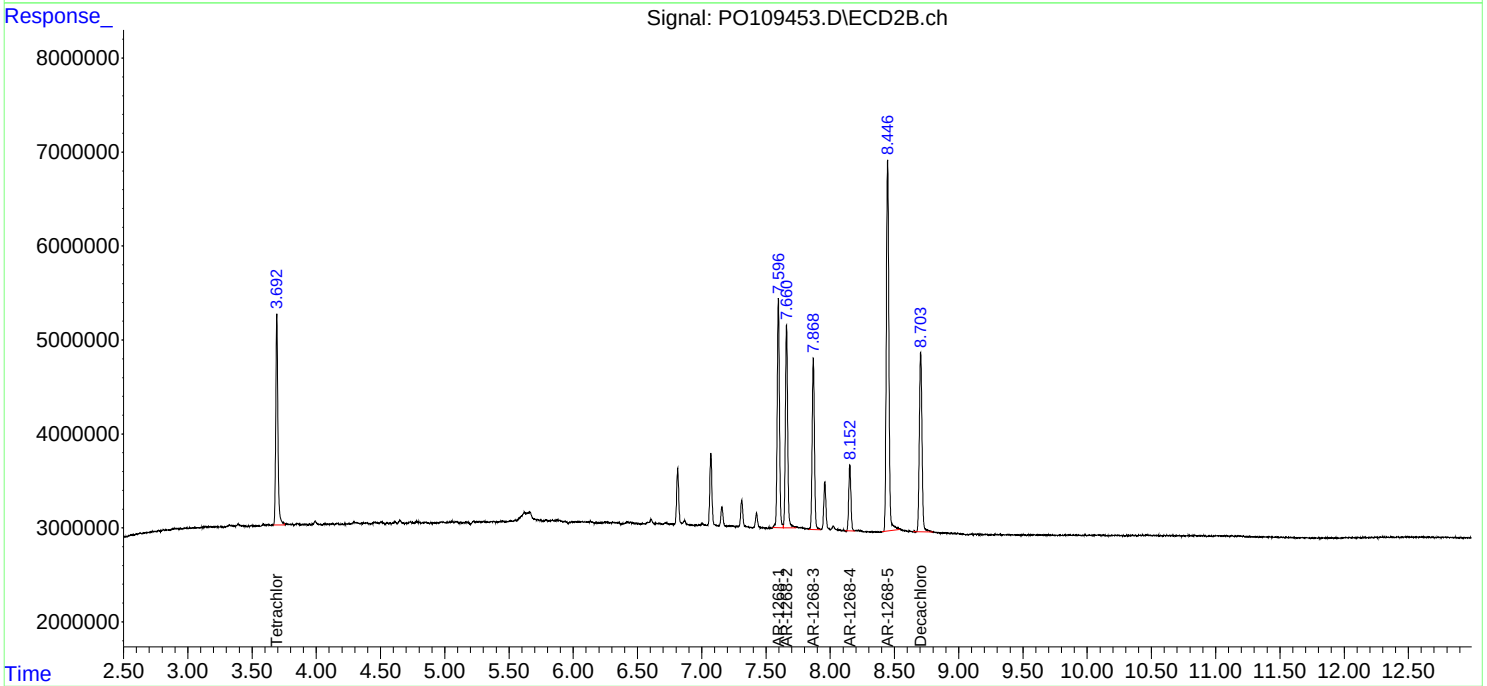
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:02
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

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.

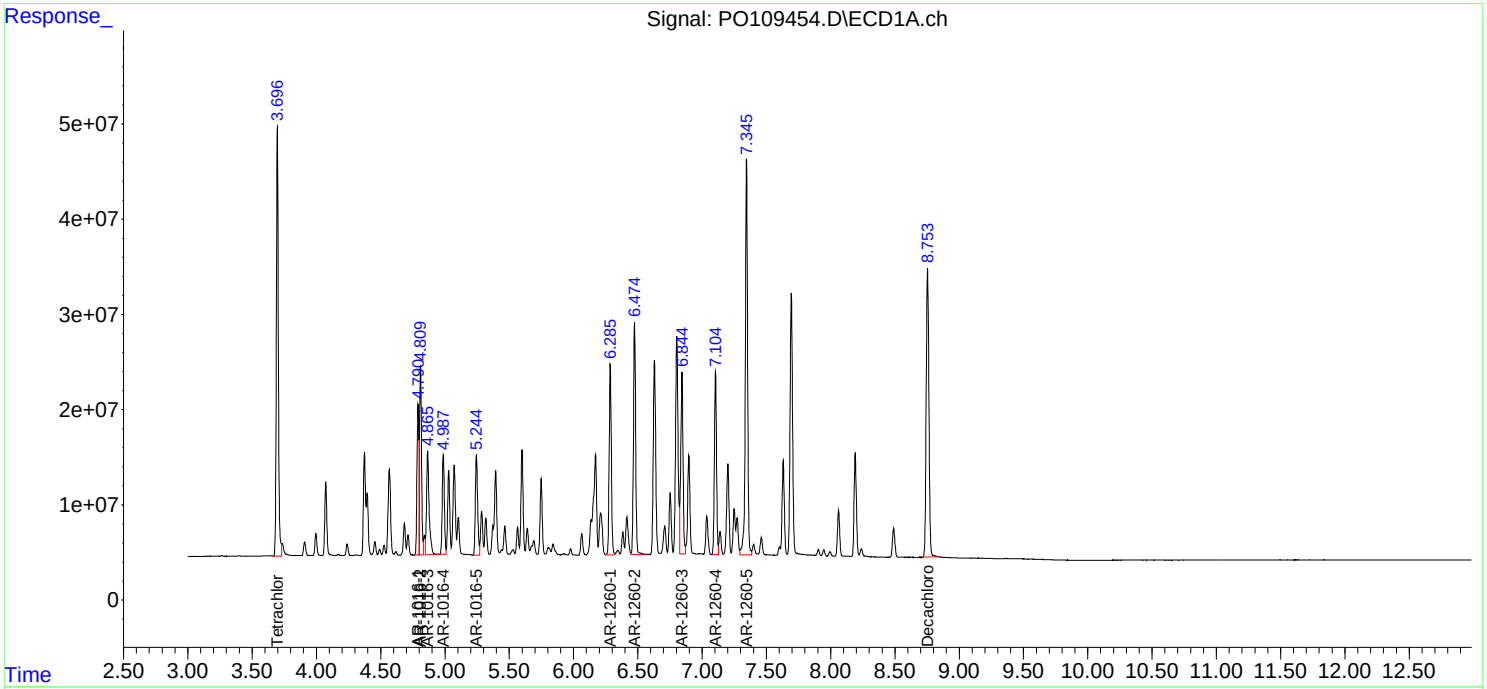
ICAL Form

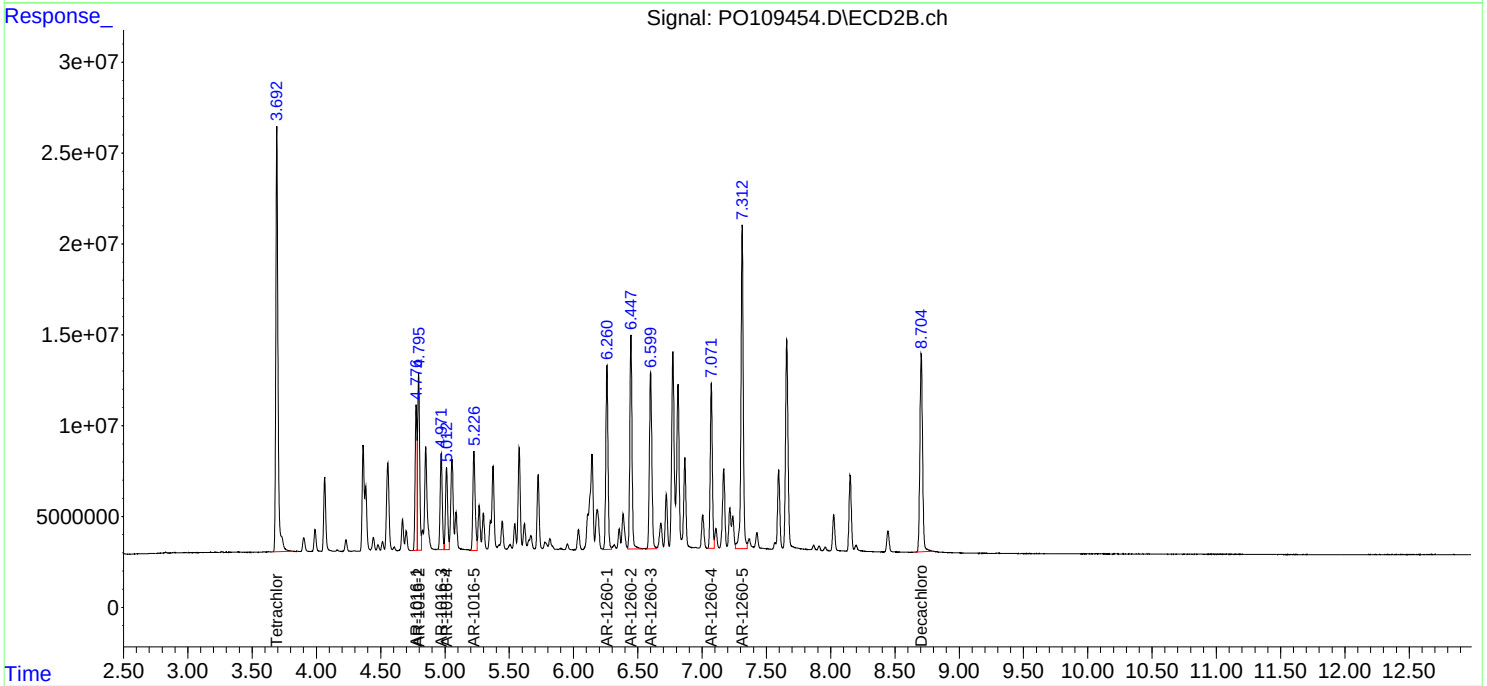
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:20
Operator : YP/AJ
Sample : PO022025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

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.

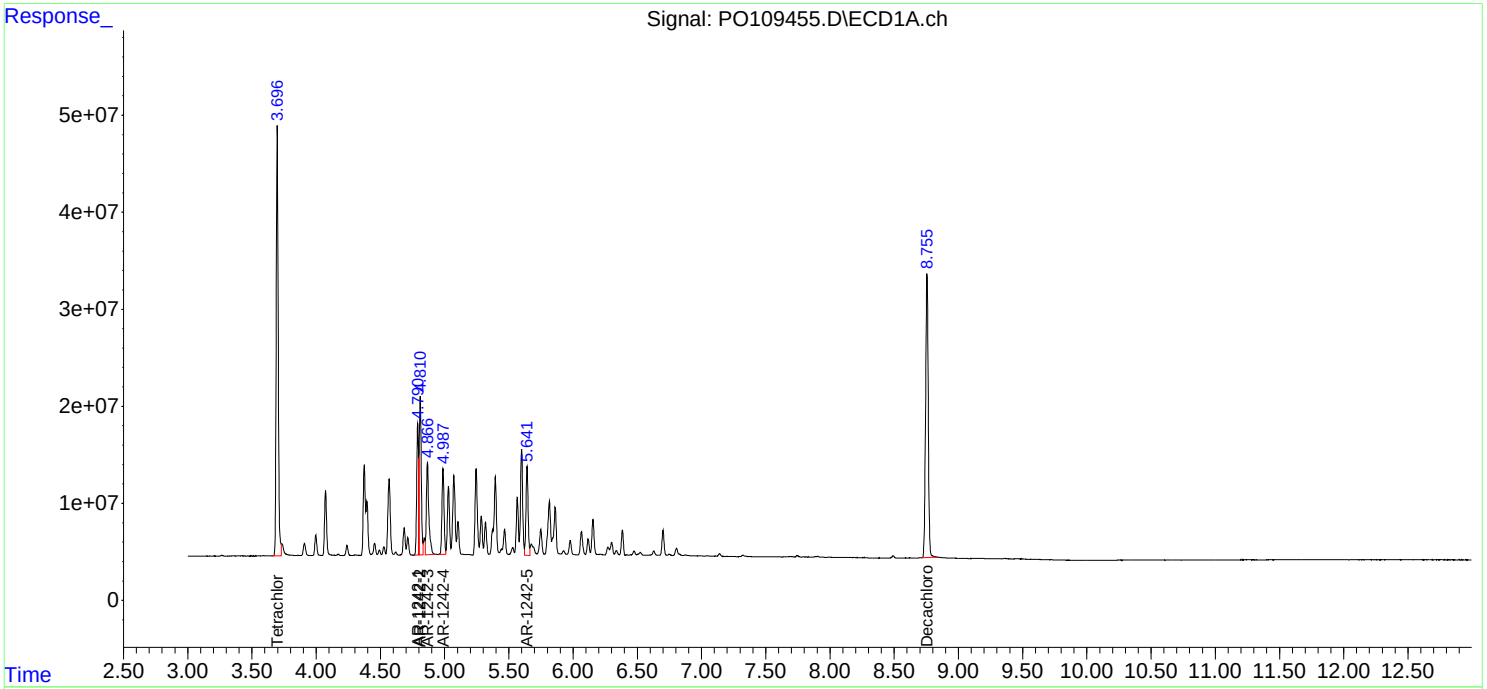
ICAL Form

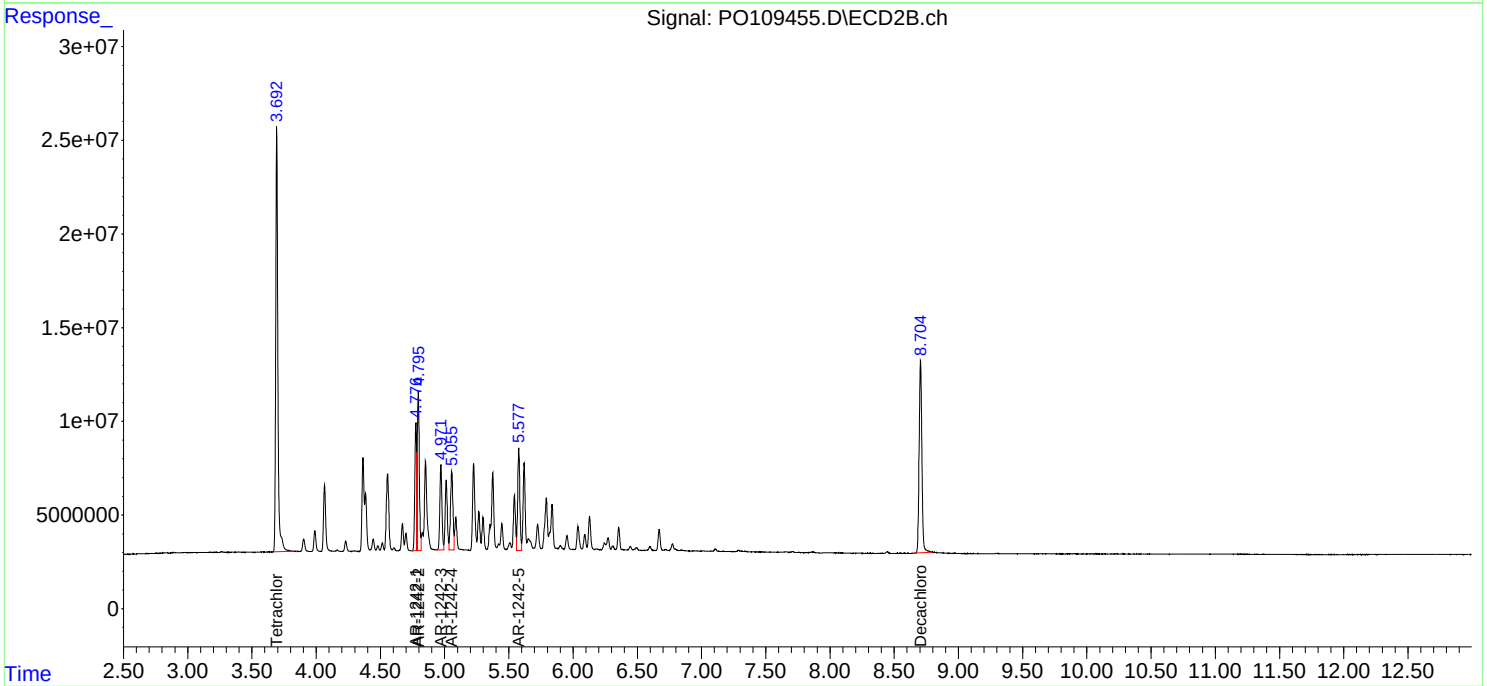
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:38
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

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.

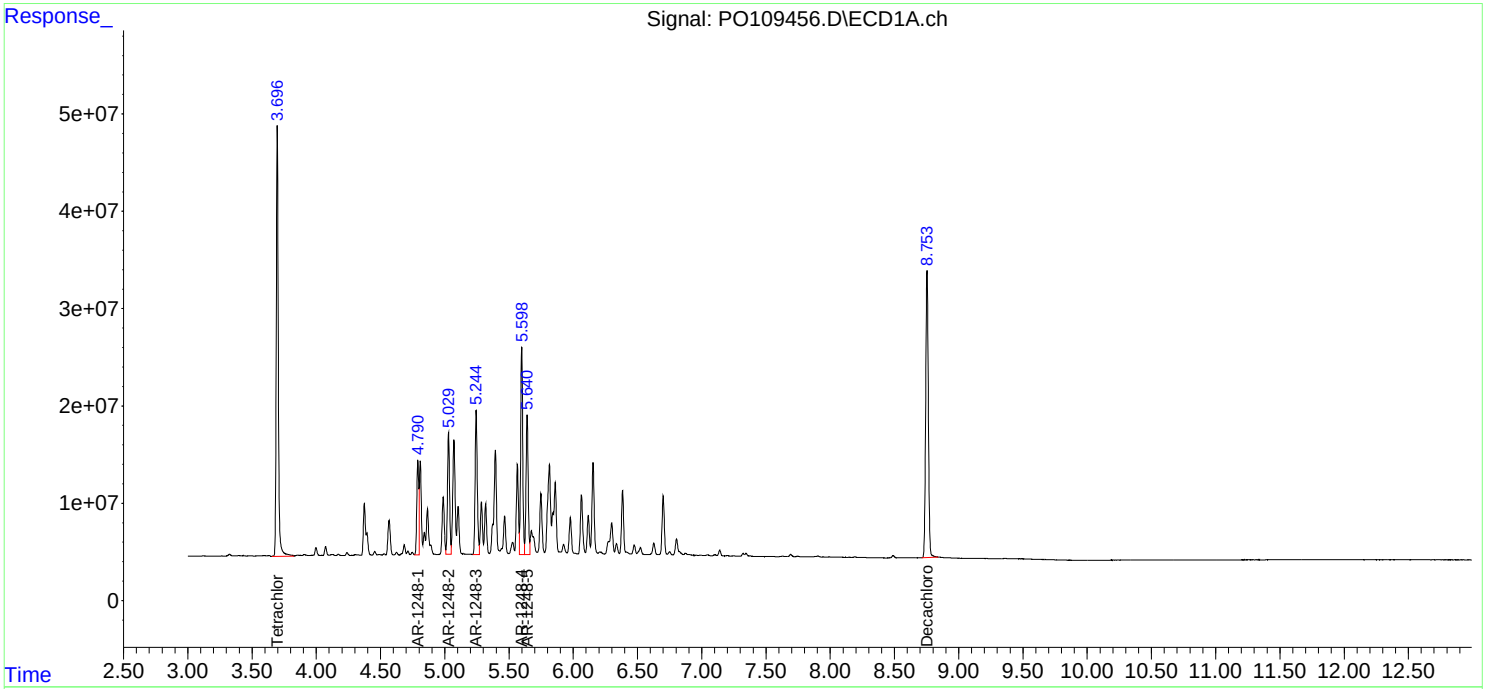
ICAL Form

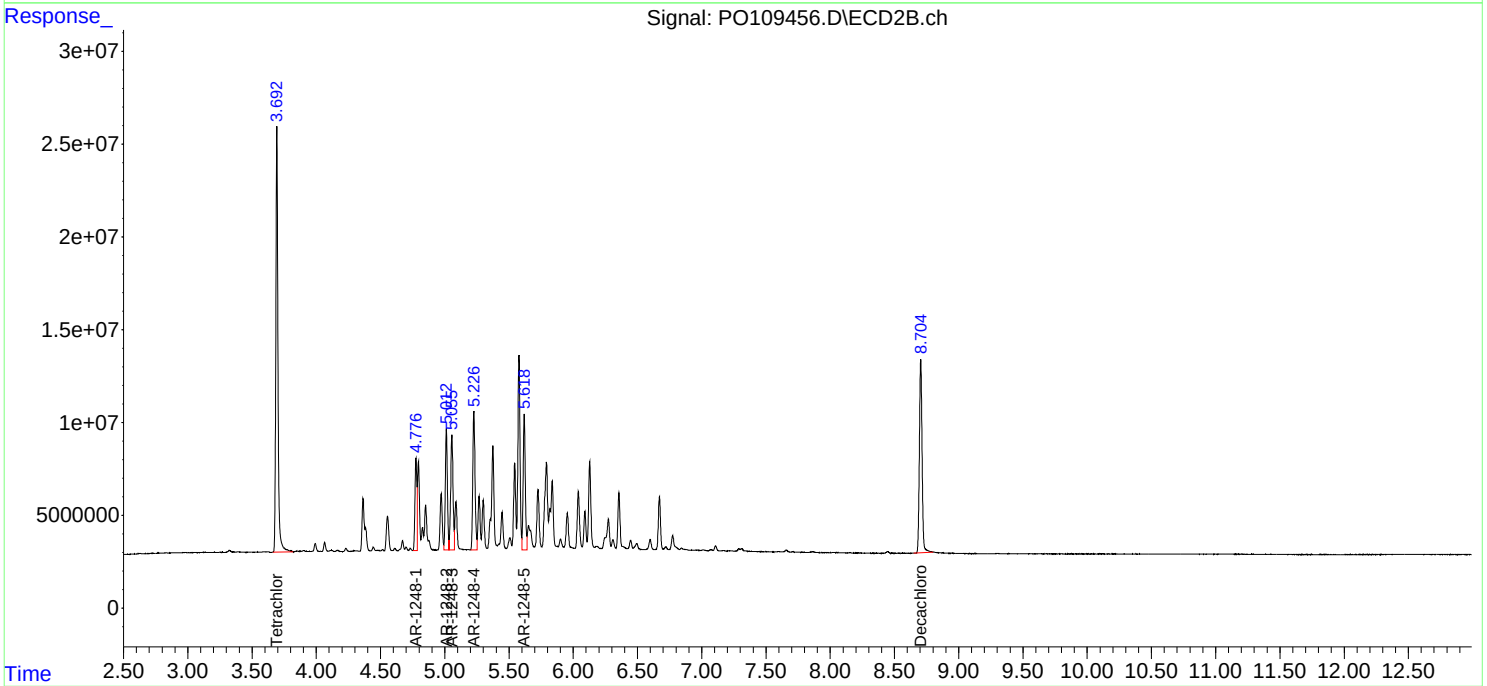
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:57
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

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.

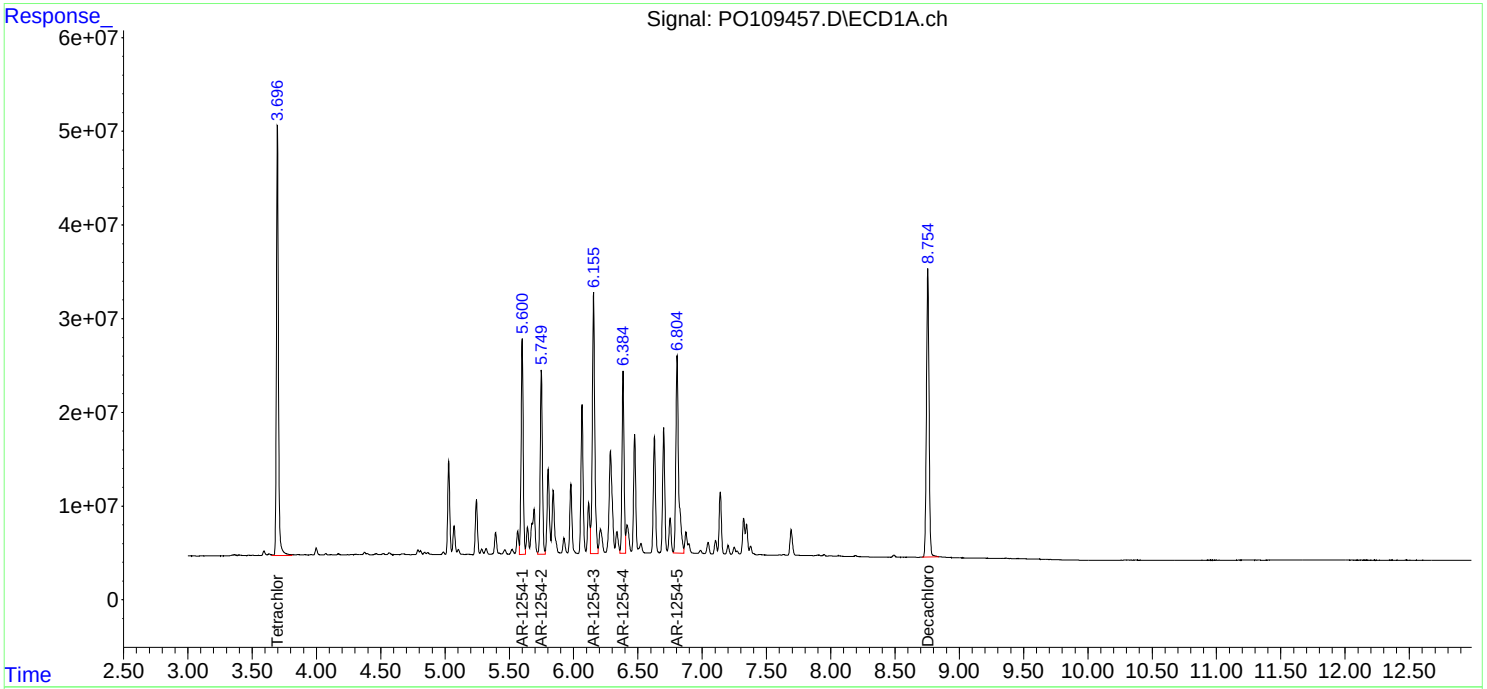
ICAL Form

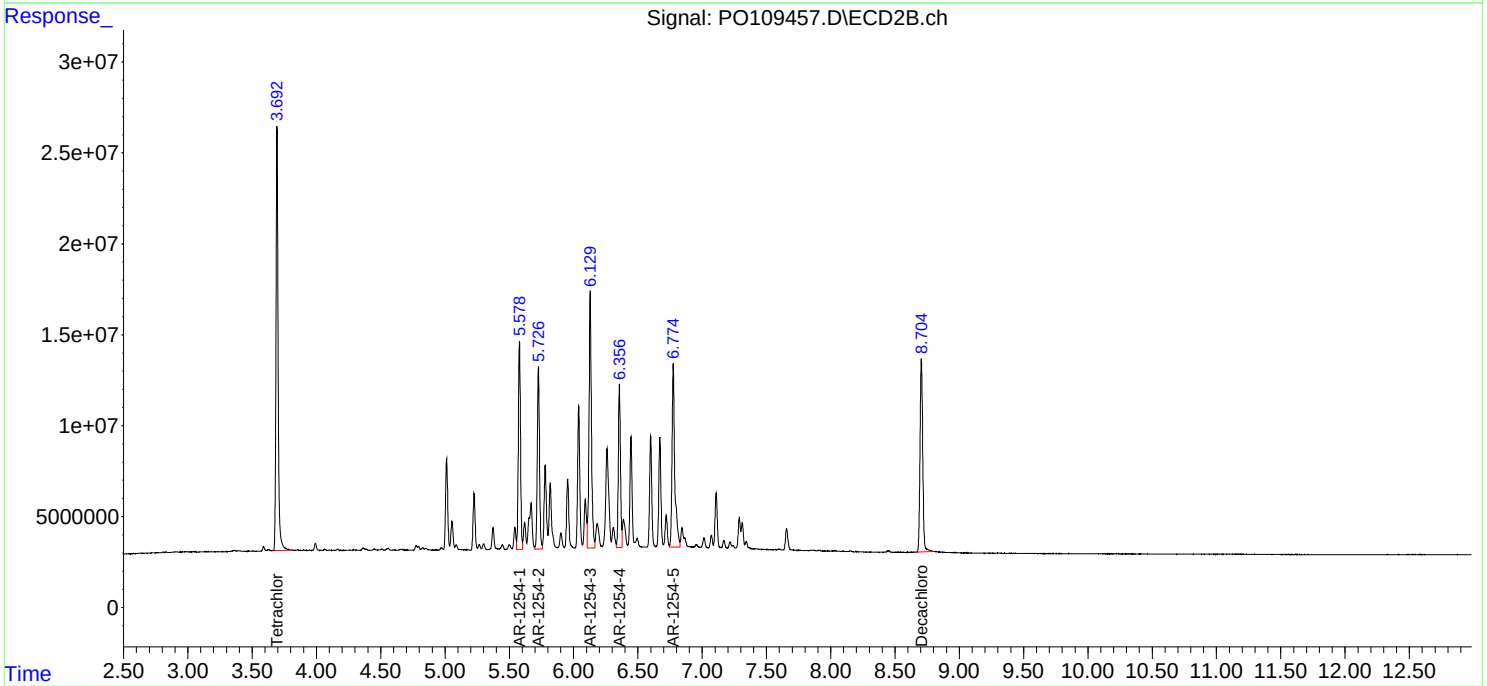
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:15
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

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.

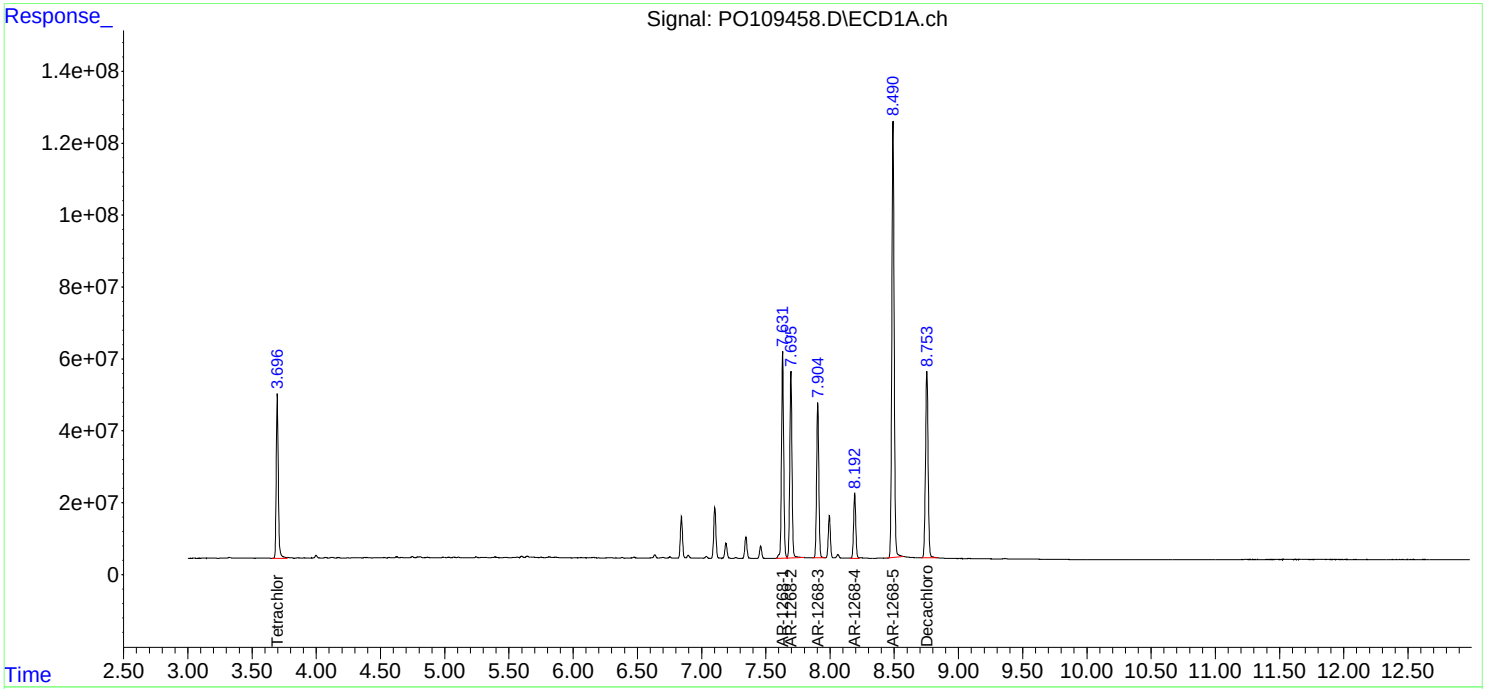
ICAL Form

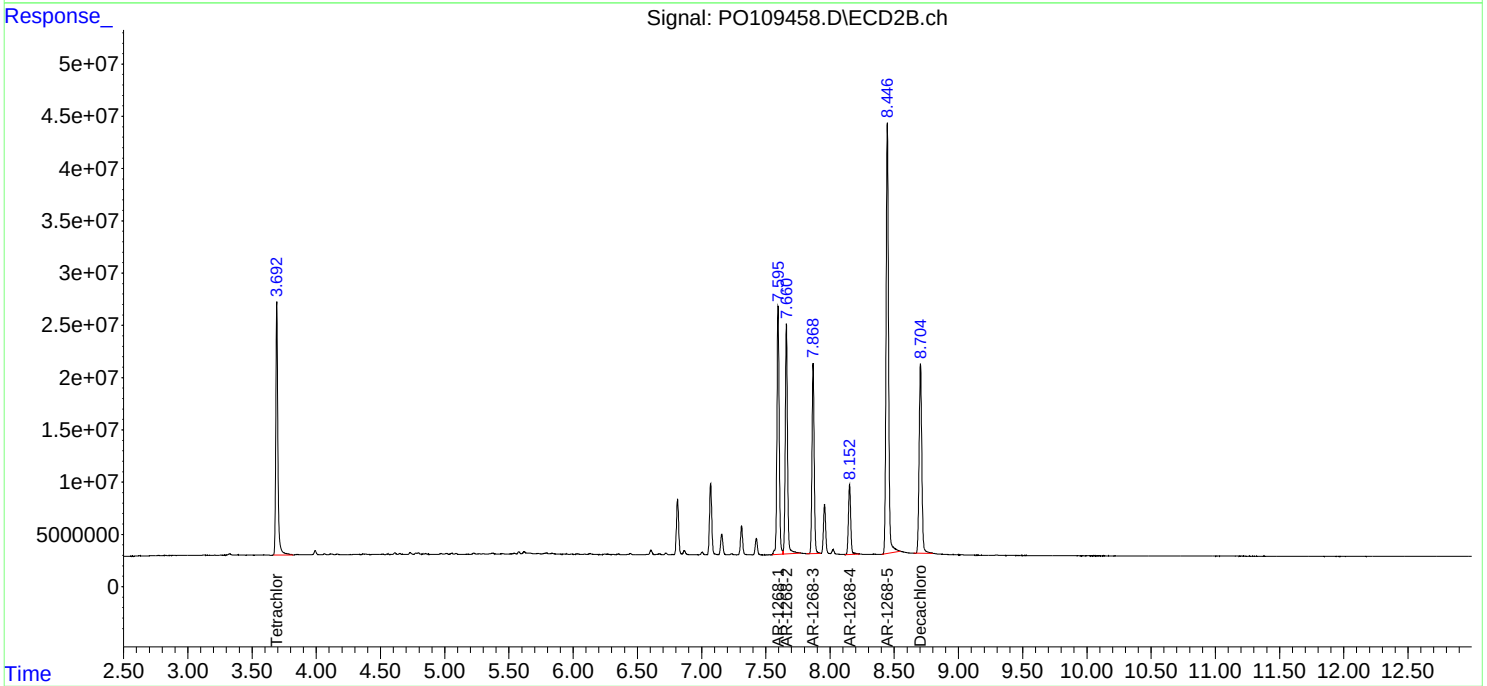
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:34
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

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: **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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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	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	0.00
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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL01 **Date Analyzed:** 02/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109533.D **Time Analyzed:** 17:49

COMPOUND	RT	RT WINDOW FROM	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

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL01 **Date Analyzed:** 02/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109533.D **Time Analyzed:** 17:49

COMPOUND	RT	RT WINDOW 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

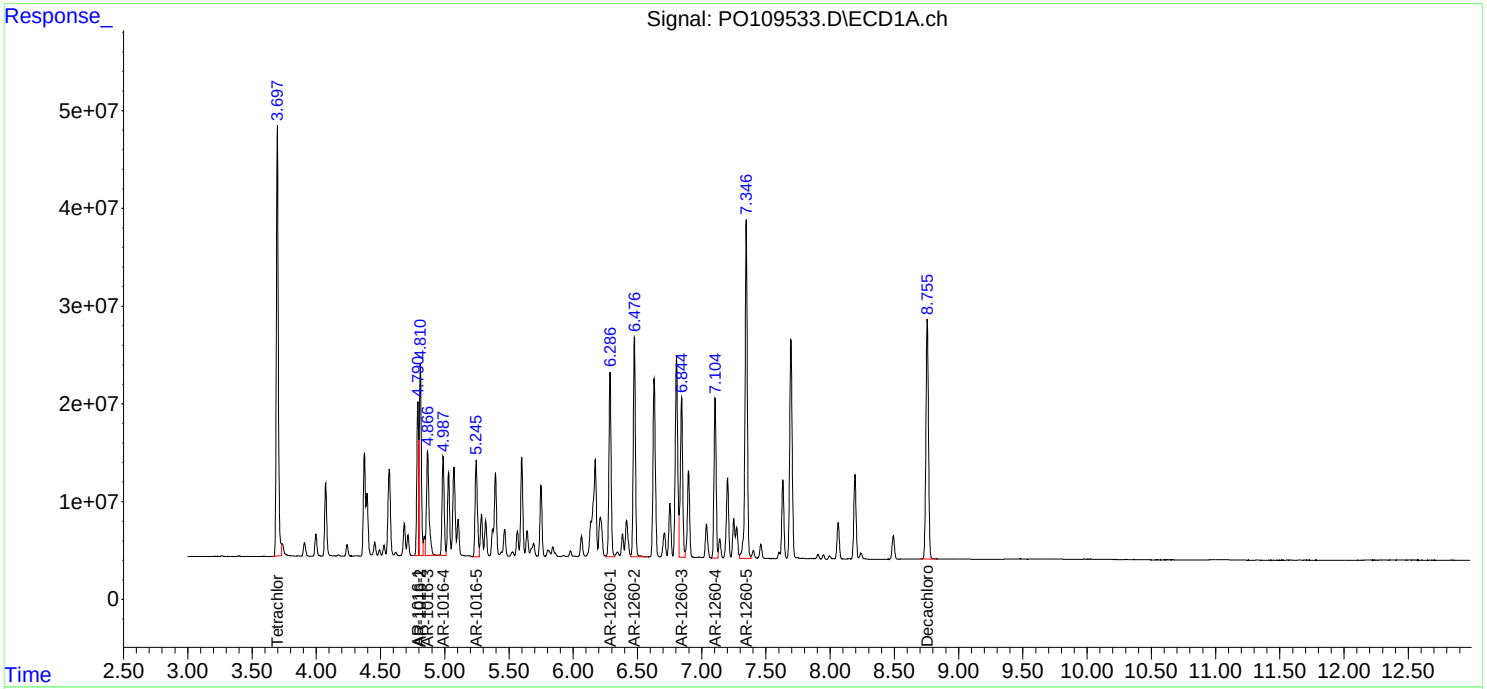
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

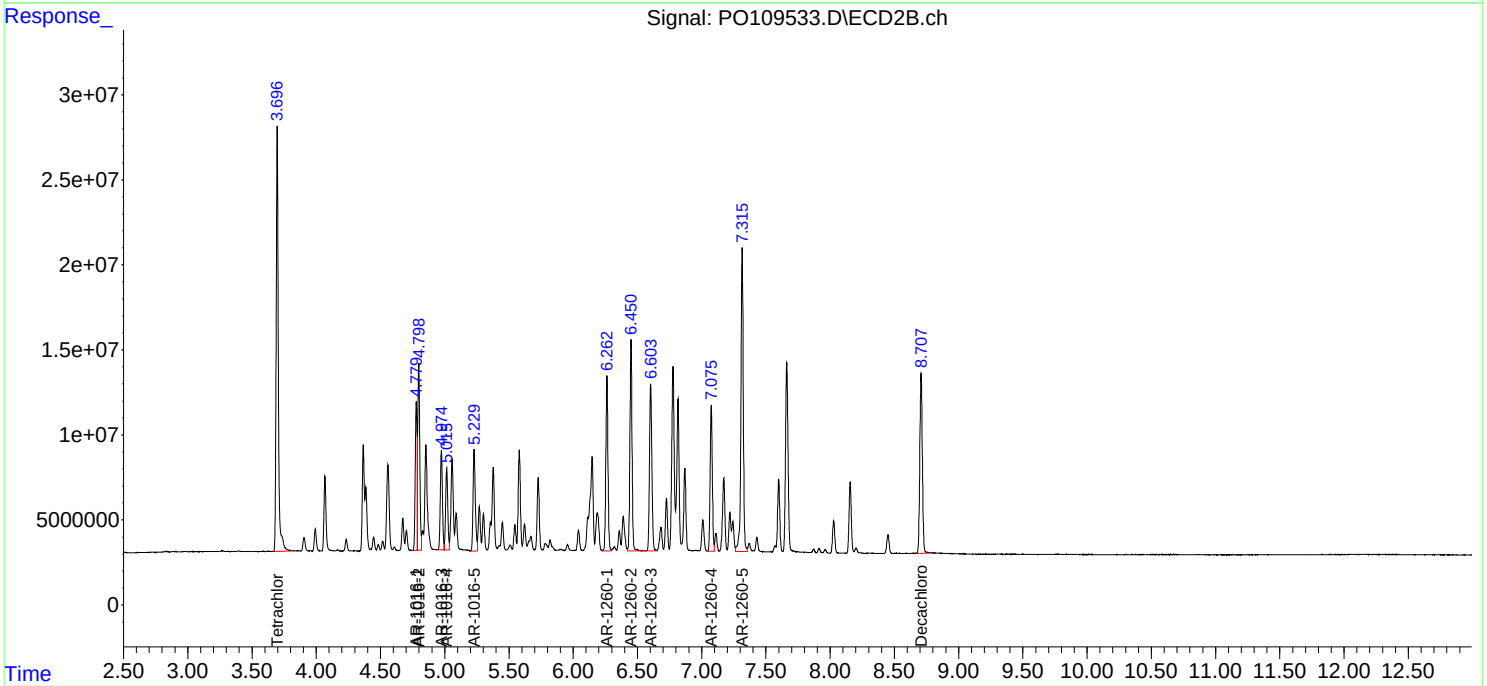
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 17:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109548.D **Time Analyzed:** 00:02

COMPOUND	RT	RT WINDOW 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

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109548.D **Time Analyzed:** 00:02

COMPOUND	RT	RT WINDOW 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

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

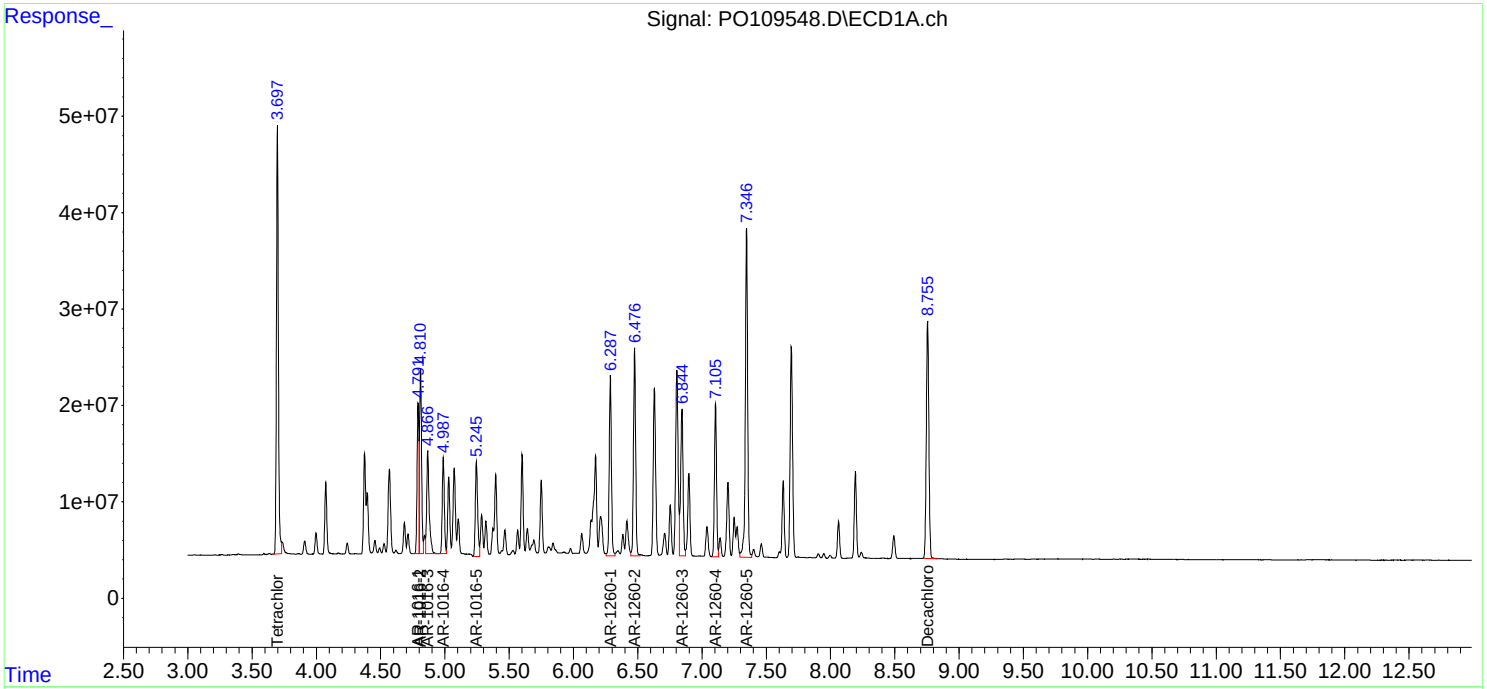
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

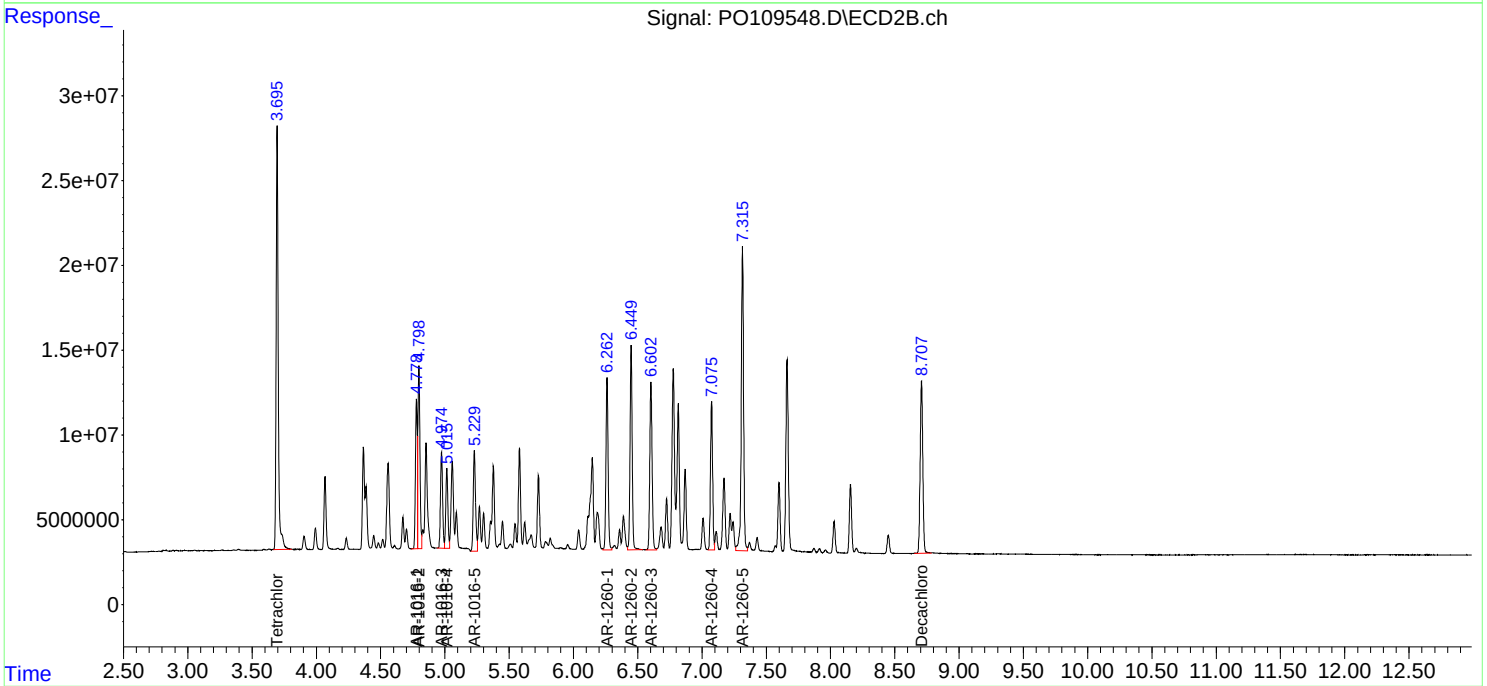
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 00:02
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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: **PO109573.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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

Continuing Calib Date: 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 08:19 **Initial Calibration Time(s):** 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW 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	0.00
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: **PO109573.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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

Continuing Calib Date: 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 08:19 **Initial Calibration Time(s):** 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW 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)	7.07	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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL03 **Date Analyzed:** 02/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109573.D **Time Analyzed:** 08:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.790	4.691	4.891	529.190	500.000	5.8
Aroclor-1016-2	4.810	4.711	4.911	531.530	500.000	6.3
Aroclor-1016-3	4.866	4.767	4.967	525.270	500.000	5.1
Aroclor-1016-4	4.987	4.888	5.088	527.920	500.000	5.6
Aroclor-1016-5	5.245	5.145	5.345	524.260	500.000	4.9
Aroclor-1260-1	6.287	6.188	6.388	490.460	500.000	-1.9
Aroclor-1260-2	6.475	6.377	6.577	480.290	500.000	-3.9
Aroclor-1260-3	6.843	6.746	6.946	459.530	500.000	-8.1
Aroclor-1260-4	7.104	7.005	7.205	451.610	500.000	-9.7
Aroclor-1260-5	7.346	7.247	7.447	455.290	500.000	-8.9
Decachlorobiphenyl	8.753	8.657	8.857	40.920	50.000	-18.2
Tetrachloro-m-xylene	3.697	3.598	3.798	51.950	50.000	3.9

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL03 **Date Analyzed:** 02/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109573.D **Time Analyzed:** 08:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.778	4.678	4.878	577.940	500.000	15.6
Aroclor-1016-2	4.797	4.697	4.897	583.390	500.000	16.7
Aroclor-1016-3	4.973	4.872	5.072	581.840	500.000	16.4
Aroclor-1016-4	5.015	4.914	5.114	541.010	500.000	8.2
Aroclor-1016-5	5.228	5.127	5.327	573.250	500.000	14.7
Aroclor-1260-1	6.261	6.161	6.361	527.680	500.000	5.5
Aroclor-1260-2	6.448	6.348	6.548	528.180	500.000	5.6
Aroclor-1260-3	6.602	6.502	6.702	518.000	500.000	3.6
Aroclor-1260-4	7.073	6.974	7.174	506.710	500.000	1.3
Aroclor-1260-5	7.314	7.214	7.414	519.610	500.000	3.9
Decachlorobiphenyl	8.706	8.607	8.807	46.420	50.000	-7.2
Tetrachloro-m-xylene	3.695	3.594	3.794	56.940	50.000	13.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.695	491.7E6	298.0E6	51.947	56.938
2)	SA Decachlor...	8.753	8.706	352.0E6	147.8E6	40.923	46.421
	Target Compounds						
3)	L1 AR-1016-1	4.790	4.778	163.1E6	90257617	529.186	577.943
4)	L1 AR-1016-2	4.810	4.797	223.8E6	126.3E6	531.529	583.395
5)	L1 AR-1016-3	4.866	4.973	155.4E6	69501126	525.274	581.837
6)	L1 AR-1016-4	4.987	5.015	122.4E6	56303446	527.923	541.012
7)	L1 AR-1016-5	5.245	5.228	135.4E6	78107054	524.264	573.248
31)	L7 AR-1260-1	6.287	6.261	228.6E6	125.0E6	490.460	527.676
32)	L7 AR-1260-2	6.475	6.448	271.4E6	145.3E6	480.291	528.176
33)	L7 AR-1260-3	6.843	6.602	218.6E6	132.1E6	459.527	517.999
34)	L7 AR-1260-4	7.104	7.073	194.9E6	104.5E6	451.614	506.709
35)	L7 AR-1260-5	7.346	7.314	452.5E6	232.7E6	455.292	519.609

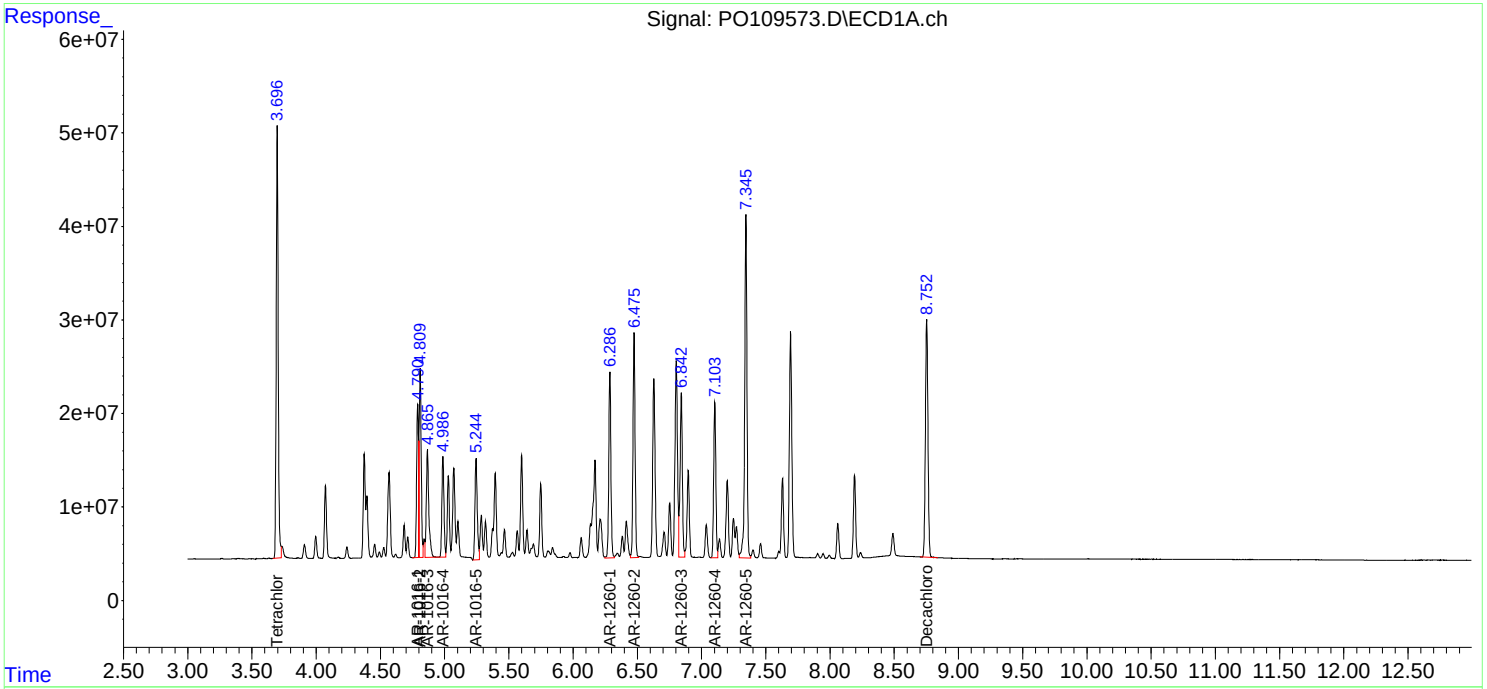
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

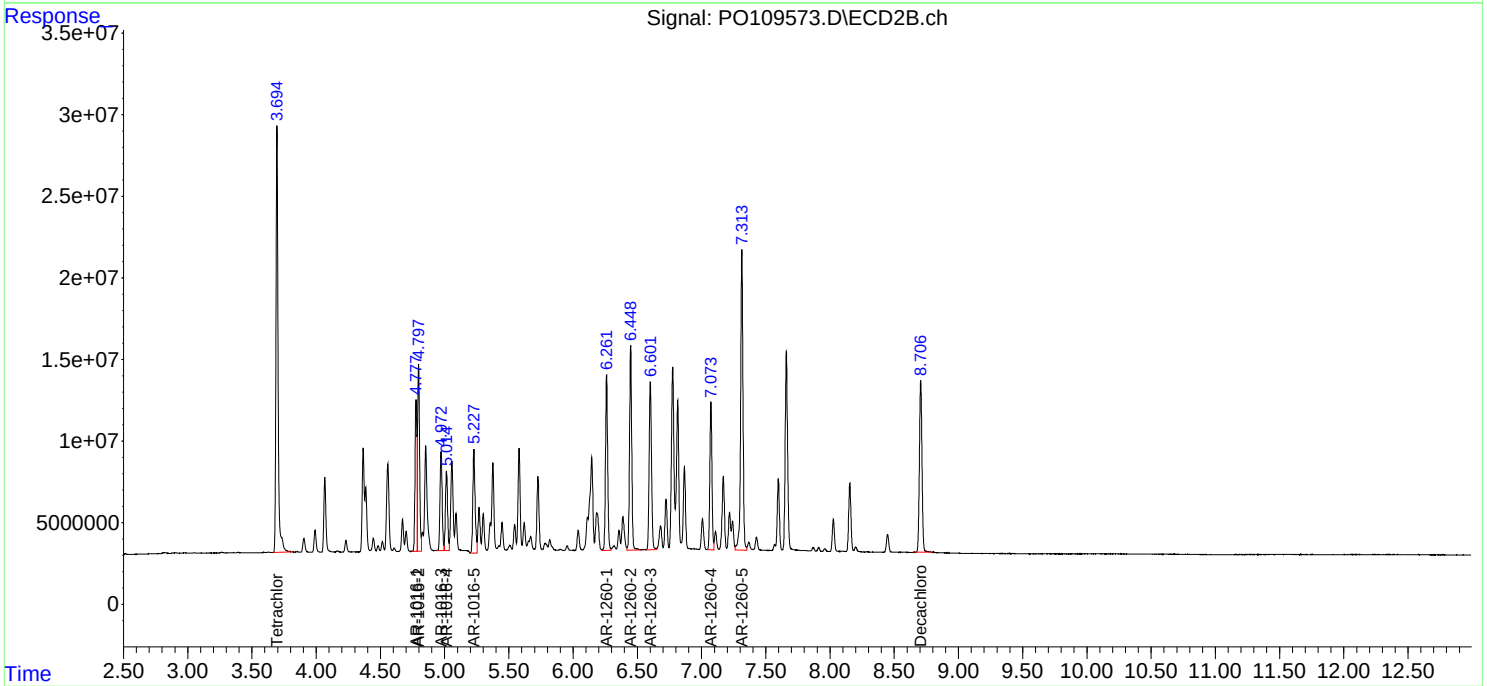
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

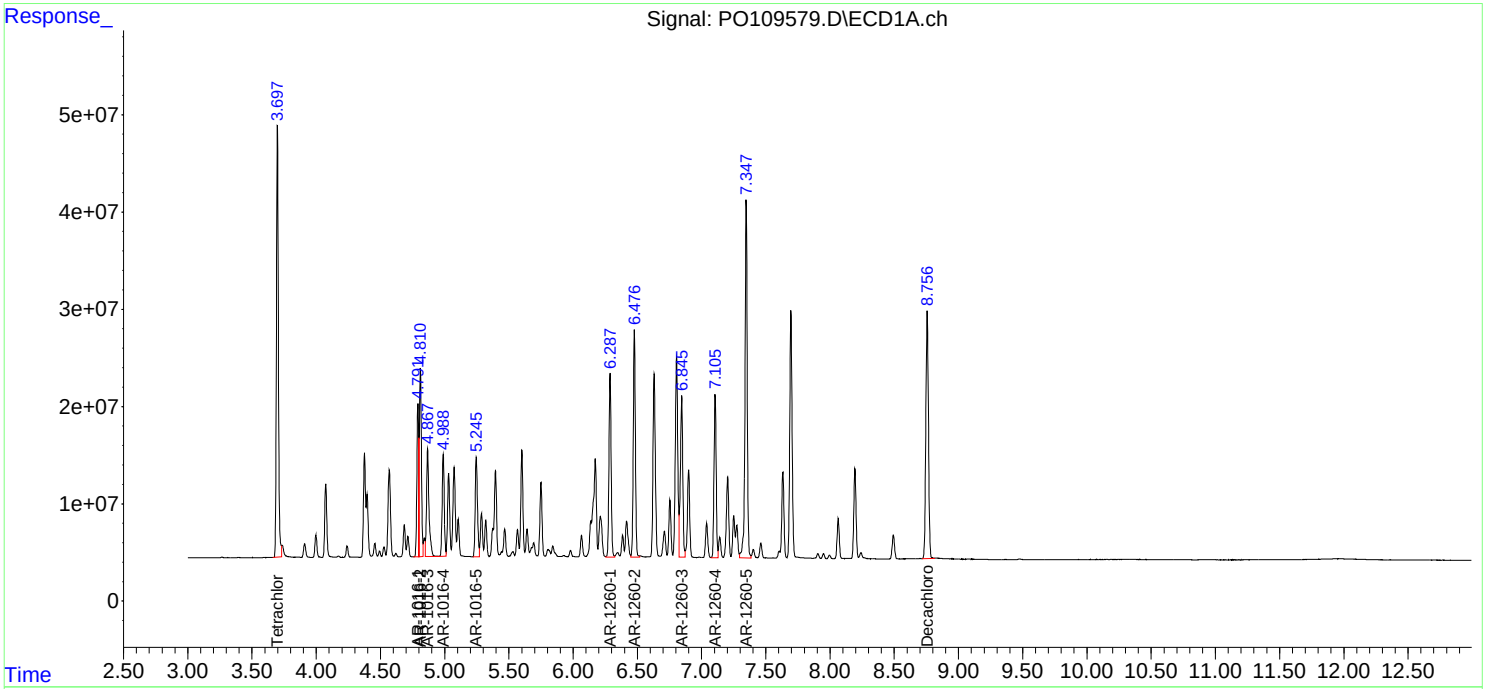
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

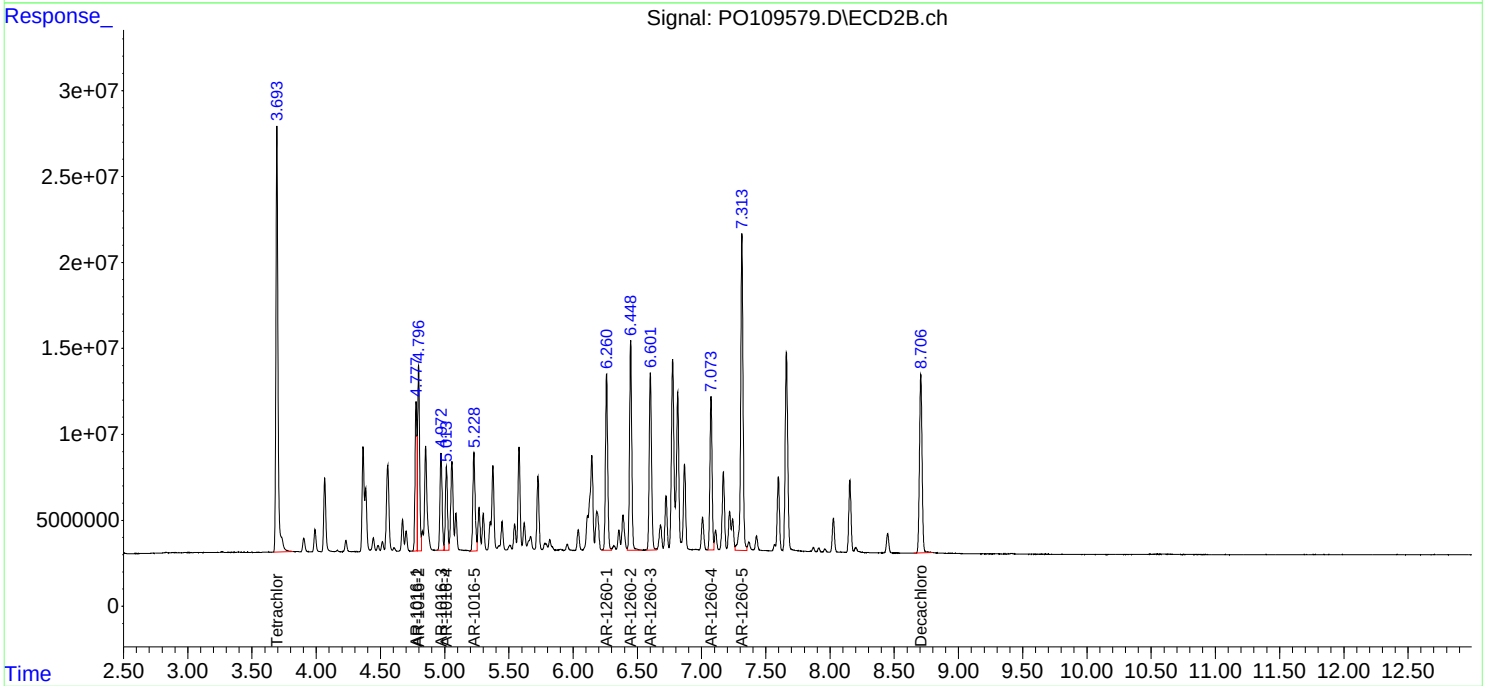
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 10:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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**

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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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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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

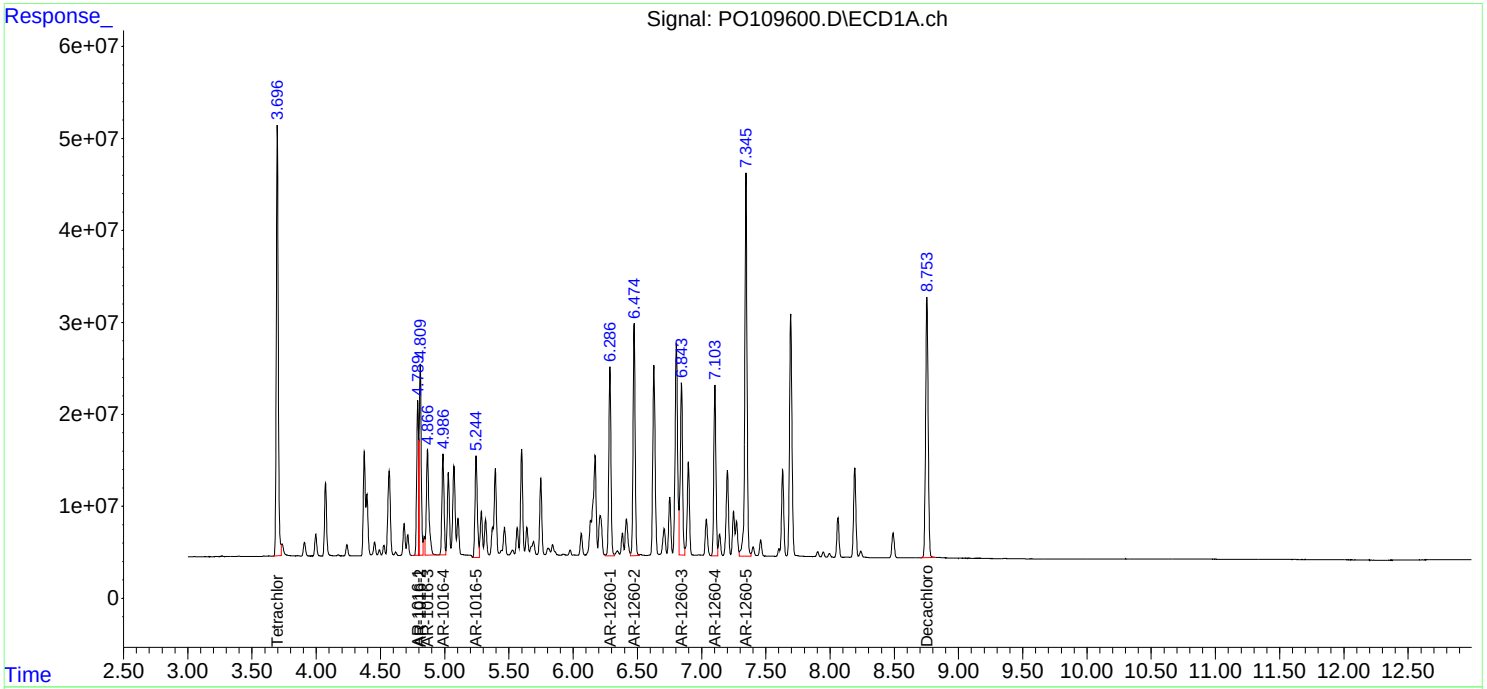
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

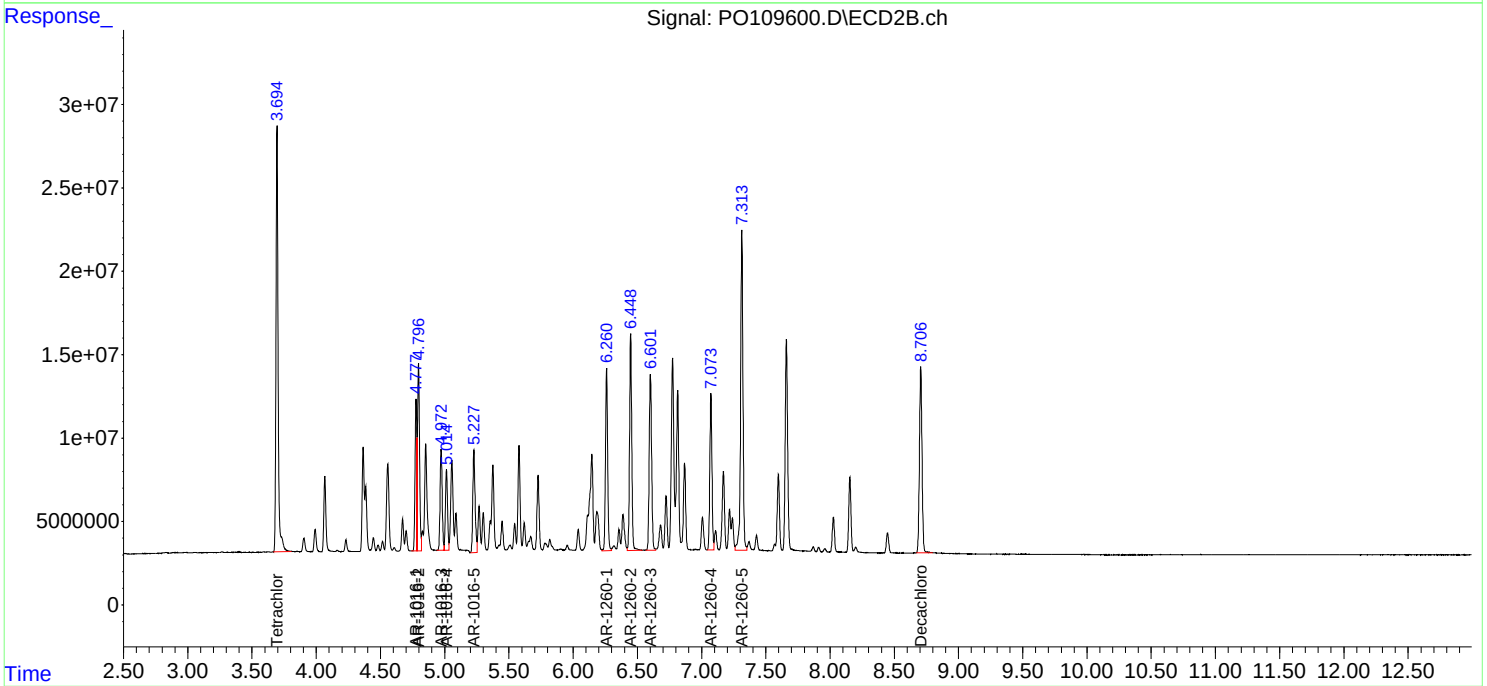
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 18:46
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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: **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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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 :** 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

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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 :** 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

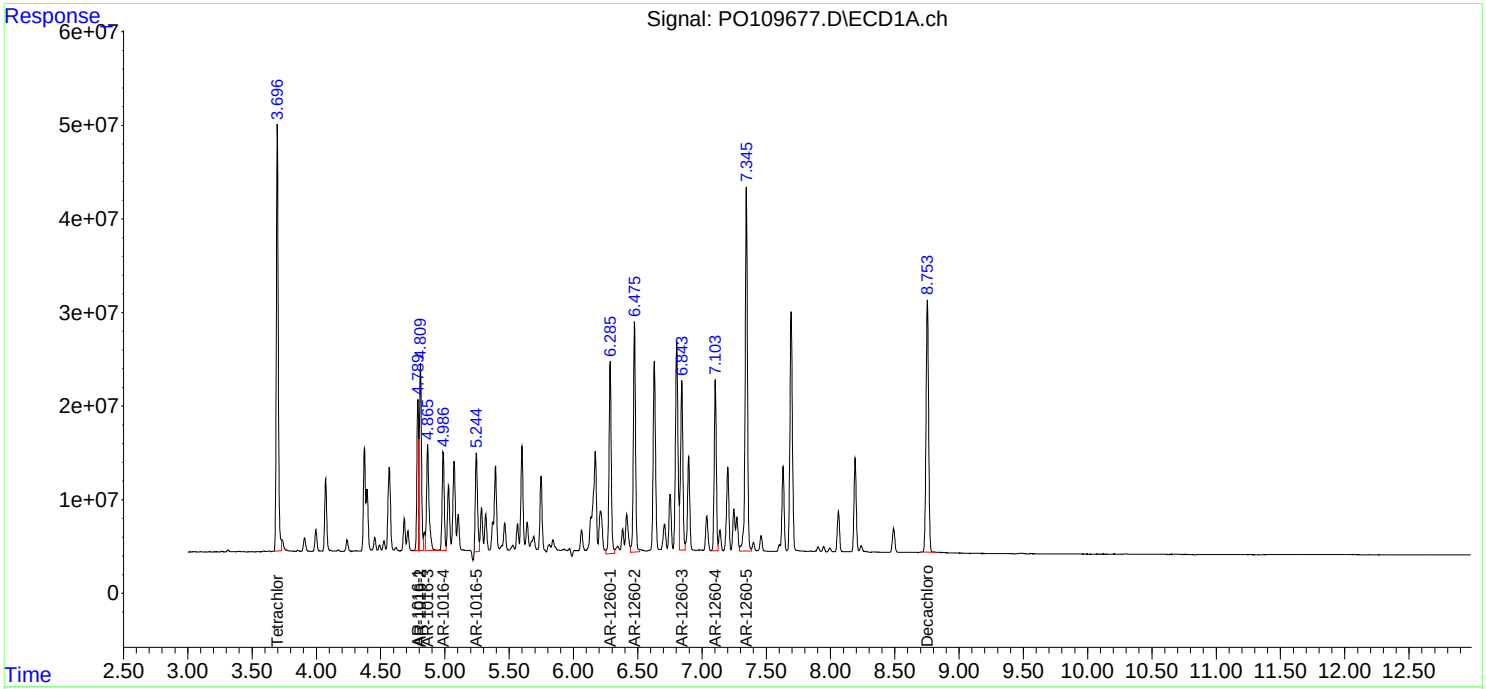
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

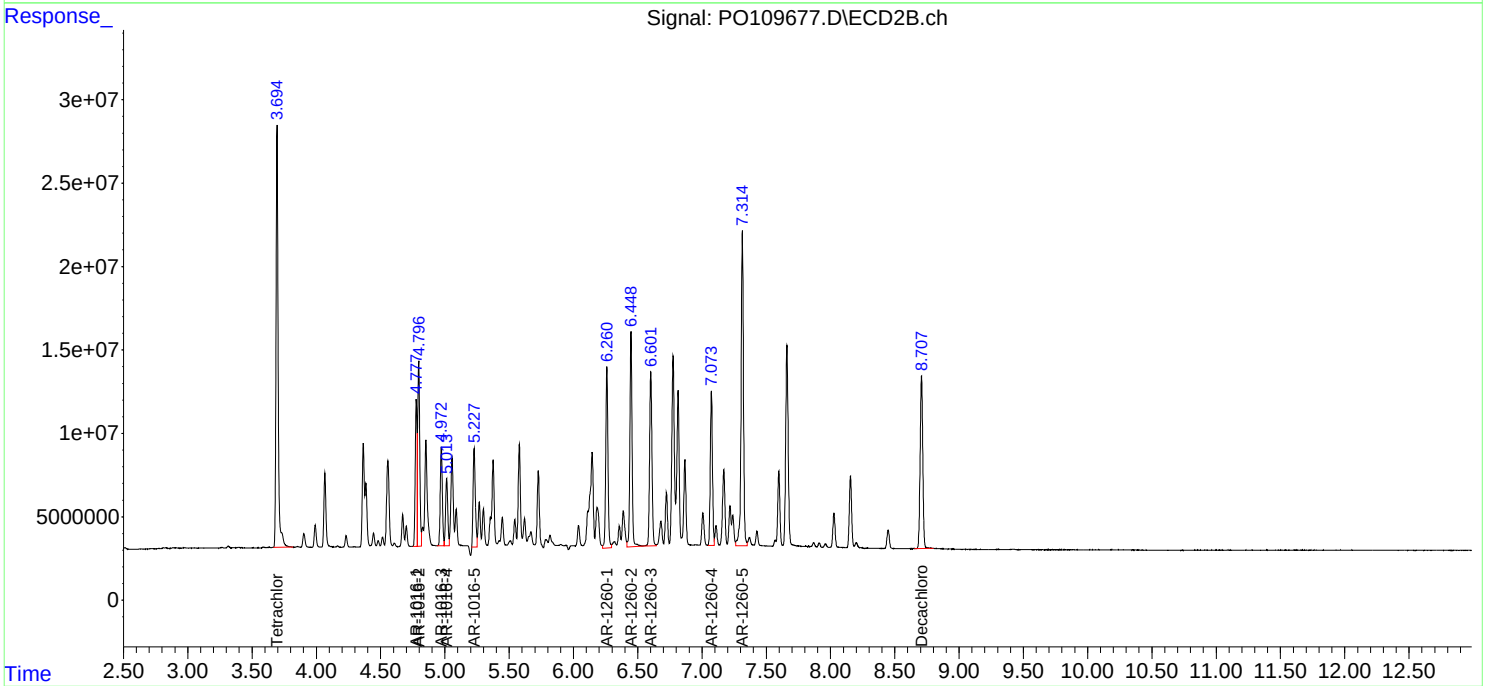
Manual Integrations APPROVED

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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	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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL07 **Date Analyzed:** 03/07/2025

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

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL07 **Date Analyzed:** 03/07/2025

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

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.

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

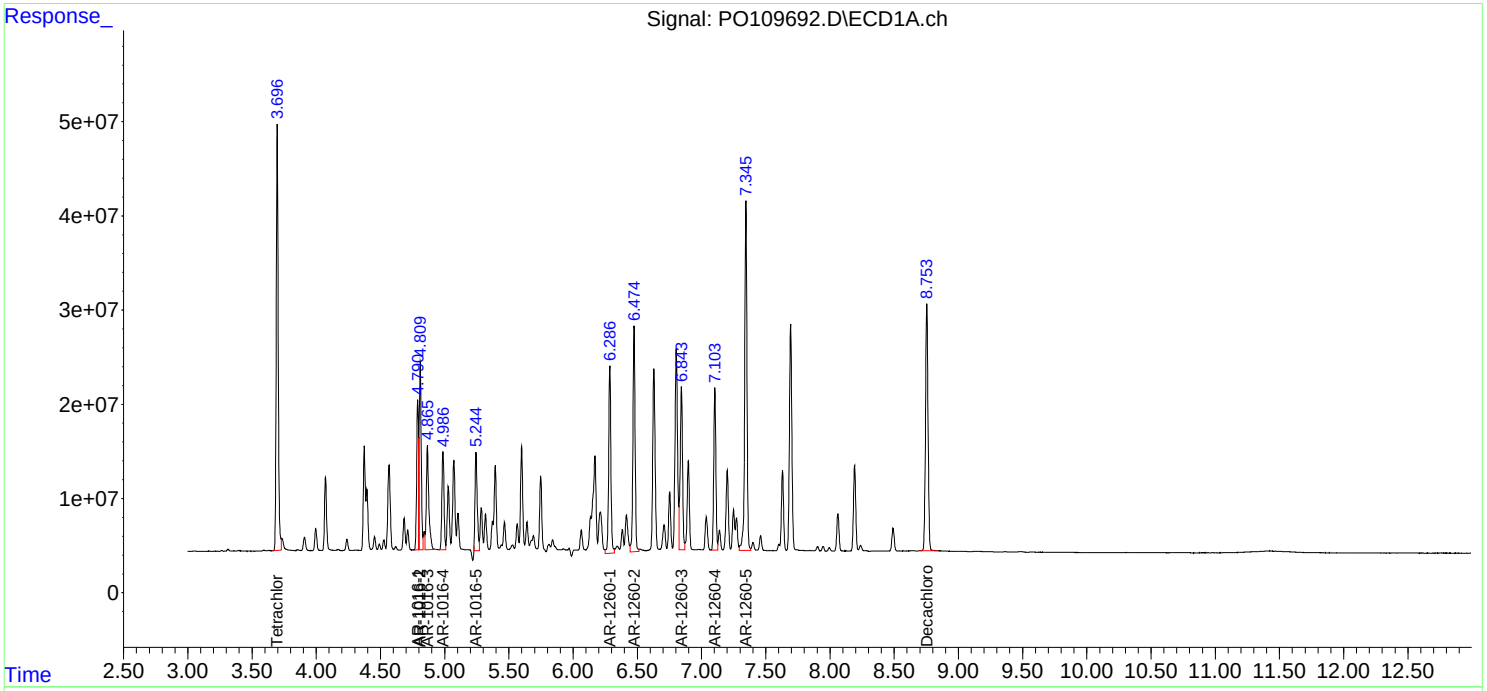
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

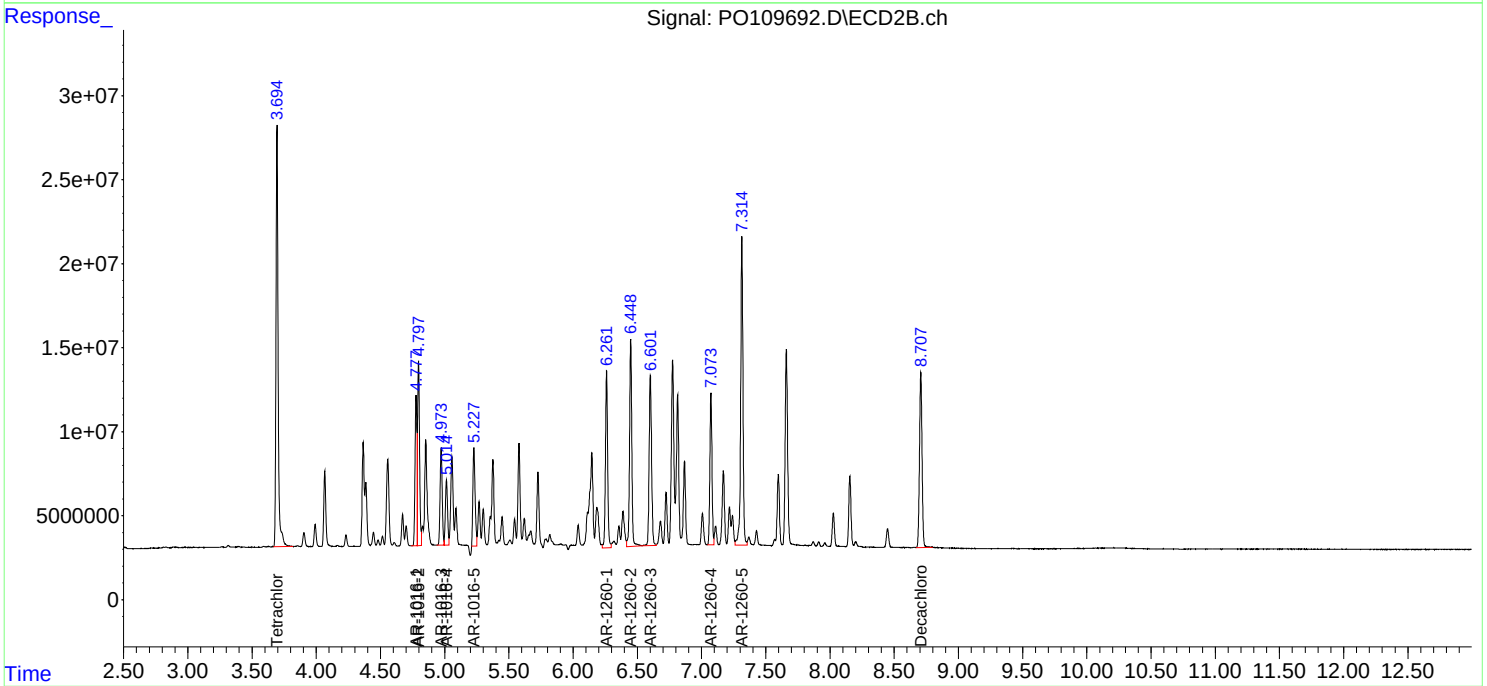
Manual Integrations APPROVED

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





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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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 :** 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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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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 :** 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

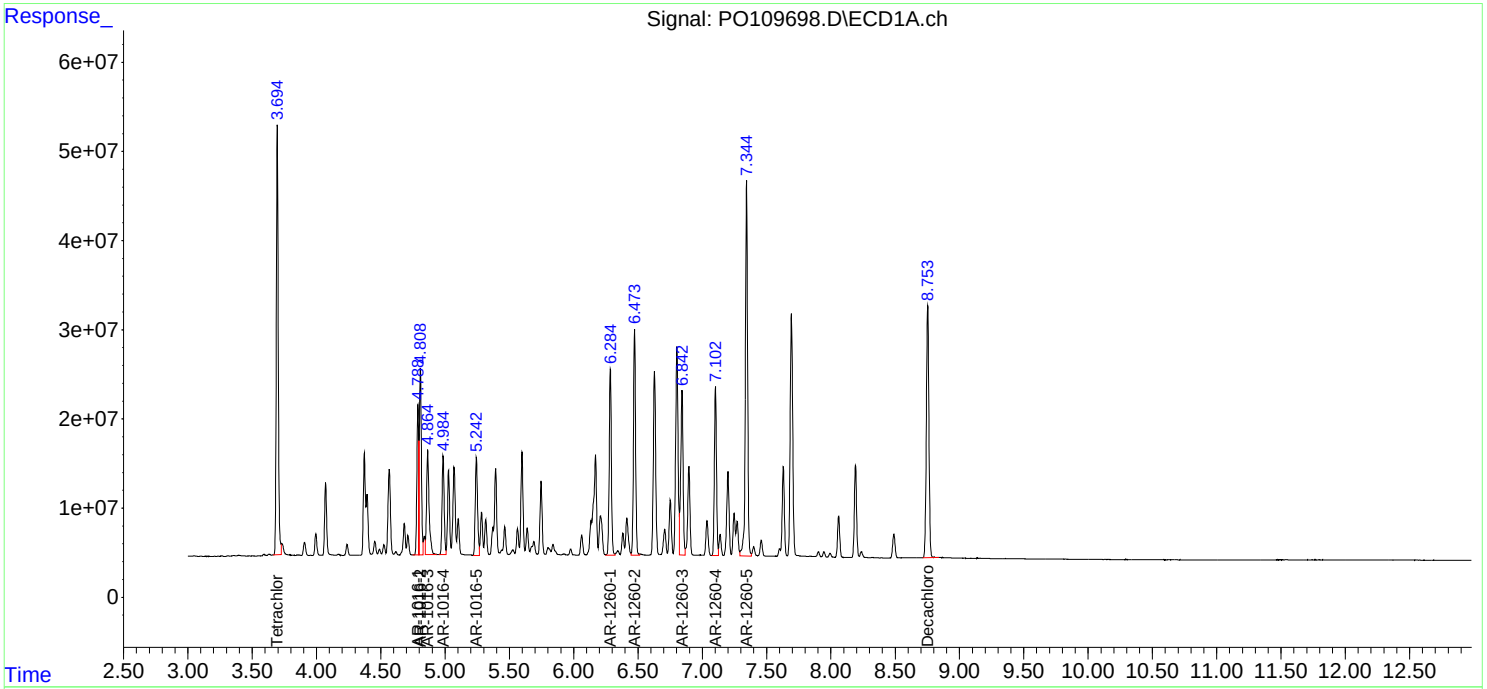
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

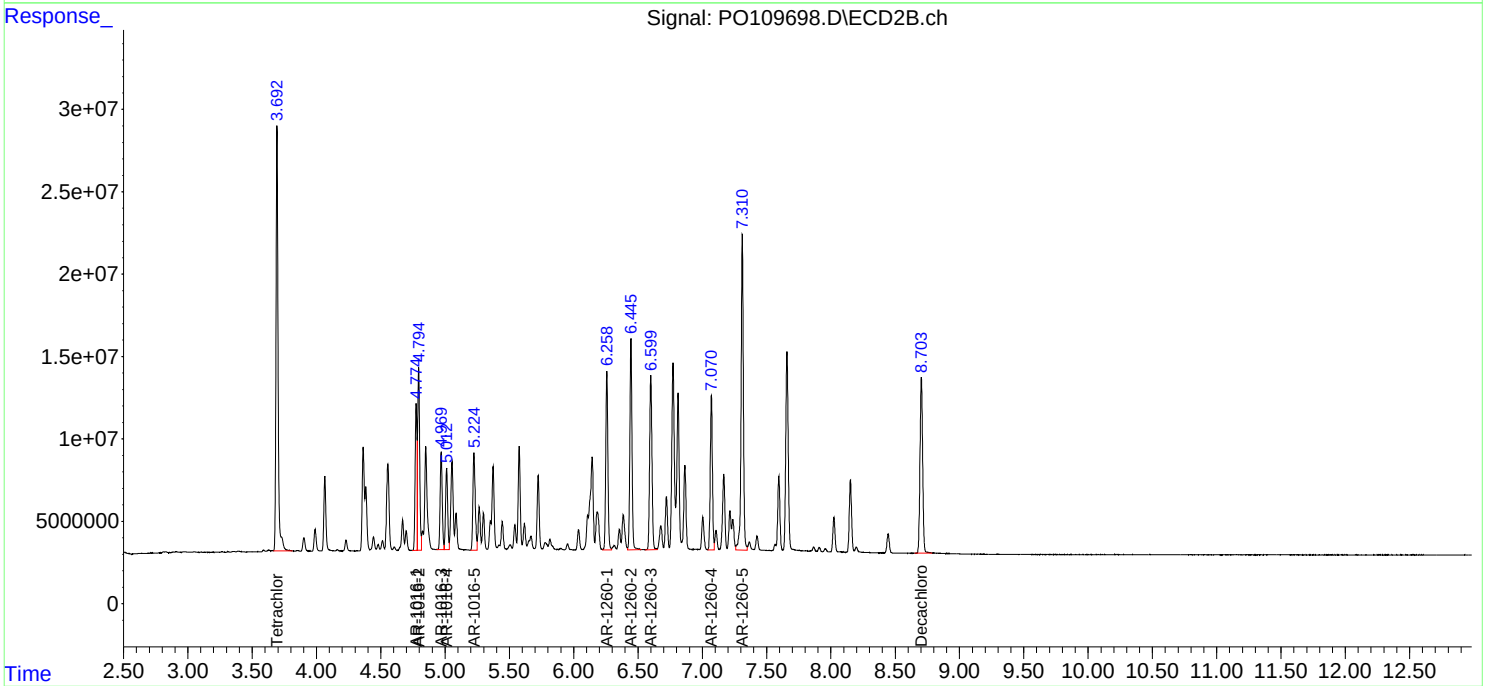
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109698.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 08:58
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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	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		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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 :** 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

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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM **Case No.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

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 :** 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

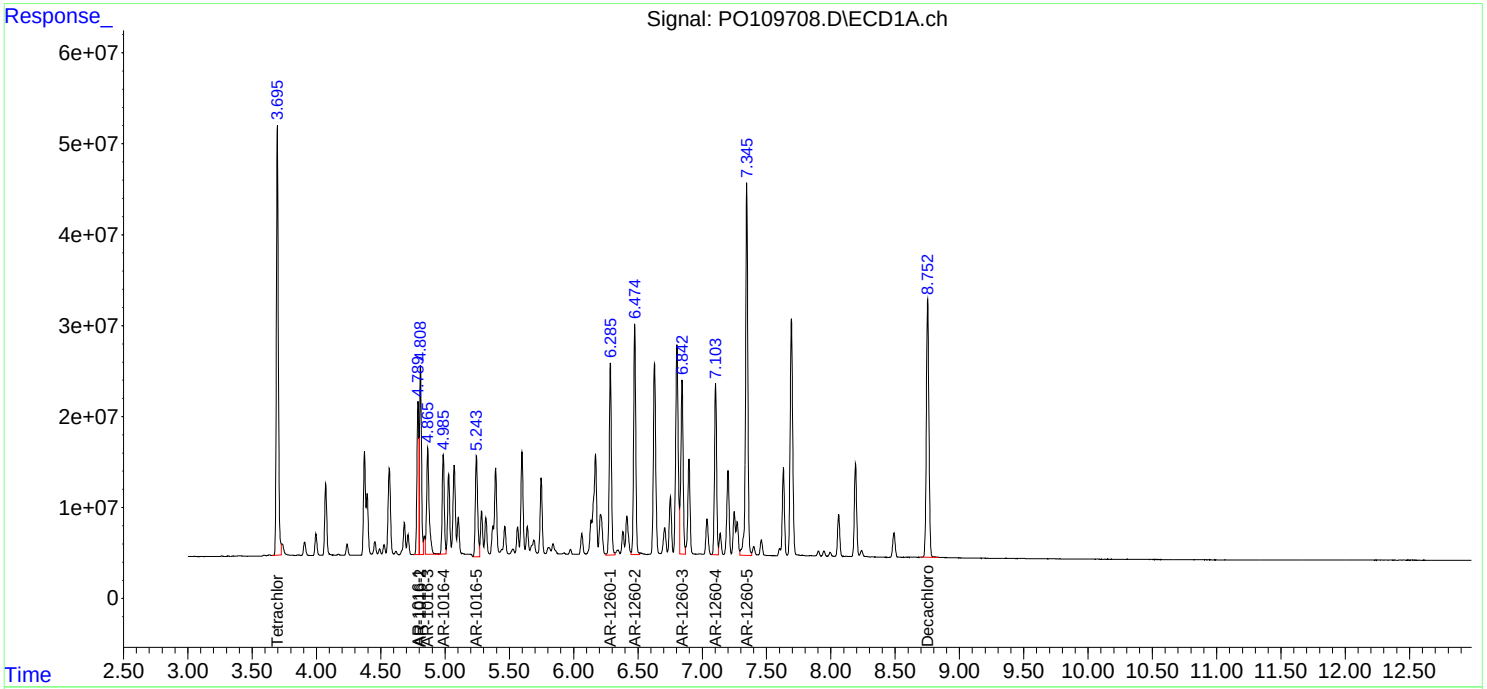
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

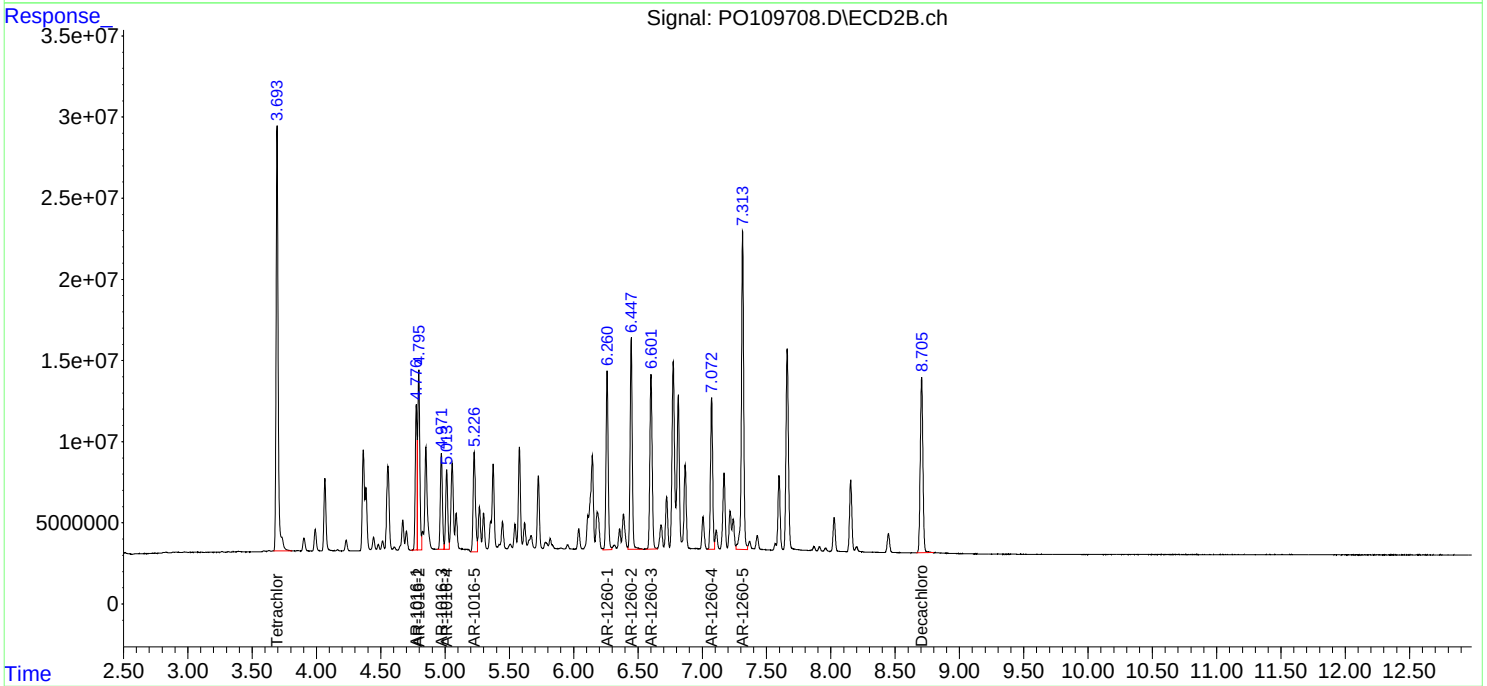
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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: **PO109790.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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

Continuing Calib Date: 03/11/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 17:17 **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)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	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		3.69	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01

Raw Data: **PO109790.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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

Continuing Calib Date: 03/11/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 17:17 **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	0.01
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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL10 **Date Analyzed:** 03/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109790.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.787	4.691	4.891	552.860	500.000	10.6
Aroclor-1016-2	4.807	4.711	4.911	558.550	500.000	11.7
Aroclor-1016-3	4.863	4.767	4.967	557.620	500.000	11.5
Aroclor-1016-4	4.984	4.888	5.088	568.430	500.000	13.7
Aroclor-1016-5	5.241	5.145	5.345	573.290	500.000	14.7
Aroclor-1260-1	6.282	6.188	6.388	516.360	500.000	3.3
Aroclor-1260-2	6.471	6.377	6.577	512.850	500.000	2.6
Aroclor-1260-3	6.839	6.746	6.946	505.790	500.000	1.2
Aroclor-1260-4	7.100	7.005	7.205	494.440	500.000	-1.1
Aroclor-1260-5	7.341	7.247	7.447	503.620	500.000	0.7
Decachlorobiphenyl	8.749	8.657	8.857	41.590	50.000	-16.8
Tetrachloro-m-xylene	3.694	3.598	3.798	54.570	50.000	9.1

Raw Data: **PO109790.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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL10 **Date Analyzed:** 03/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109790.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.775	4.678	4.878	591.620	500.000	18.3
Aroclor-1016-2	4.795	4.697	4.897	606.190	500.000	21.2
Aroclor-1016-3	4.970	4.872	5.072	605.710	500.000	21.1
Aroclor-1016-4	5.012	4.914	5.114	572.430	500.000	14.5
Aroclor-1016-5	5.225	5.127	5.327	585.590	500.000	17.1
Aroclor-1260-1	6.258	6.161	6.361	545.930	500.000	9.2
Aroclor-1260-2	6.445	6.348	6.548	555.200	500.000	11.0
Aroclor-1260-3	6.599	6.502	6.702	541.160	500.000	8.2
Aroclor-1260-4	7.071	6.974	7.174	530.450	500.000	6.1
Aroclor-1260-5	7.311	7.214	7.414	537.920	500.000	7.6
Decachlorobiphenyl	8.703	8.607	8.807	44.280	50.000	-11.4
Tetrachloro-m-xylene	3.693	3.594	3.794	58.120	50.000	16.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:17
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 11 21:34:44 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	516.5E6	304.2E6	54.573	58.122
2)	SA Decachlor...	8.749	8.703	357.7E6	141.0E6	41.590	44.282
	Target Compounds						
3)	L1 AR-1016-1	4.787	4.775	170.4E6	92393217	552.862	591.617
4)	L1 AR-1016-2	4.807	4.795	235.2E6	131.2E6	558.553	606.193
5)	L1 AR-1016-3	4.863	4.970	165.0E6	72353170	557.620	605.713
6)	L1 AR-1016-4	4.984	5.012	131.8E6	59573566	568.427	572.434
7)	L1 AR-1016-5	5.241	5.225	148.0E6	79788760	573.289	585.590
31)	L7 AR-1260-1	6.282	6.258	240.7E6	129.3E6	516.357	545.933
32)	L7 AR-1260-2	6.471	6.445	289.8E6	152.8E6	512.855	555.200
33)	L7 AR-1260-3	6.839	6.599	240.6E6	138.0E6	505.791	541.161
34)	L7 AR-1260-4	7.100	7.071	213.4E6	109.4E6	494.436	530.450
35)	L7 AR-1260-5	7.341	7.311	500.5E6	240.9E6	503.623	537.922

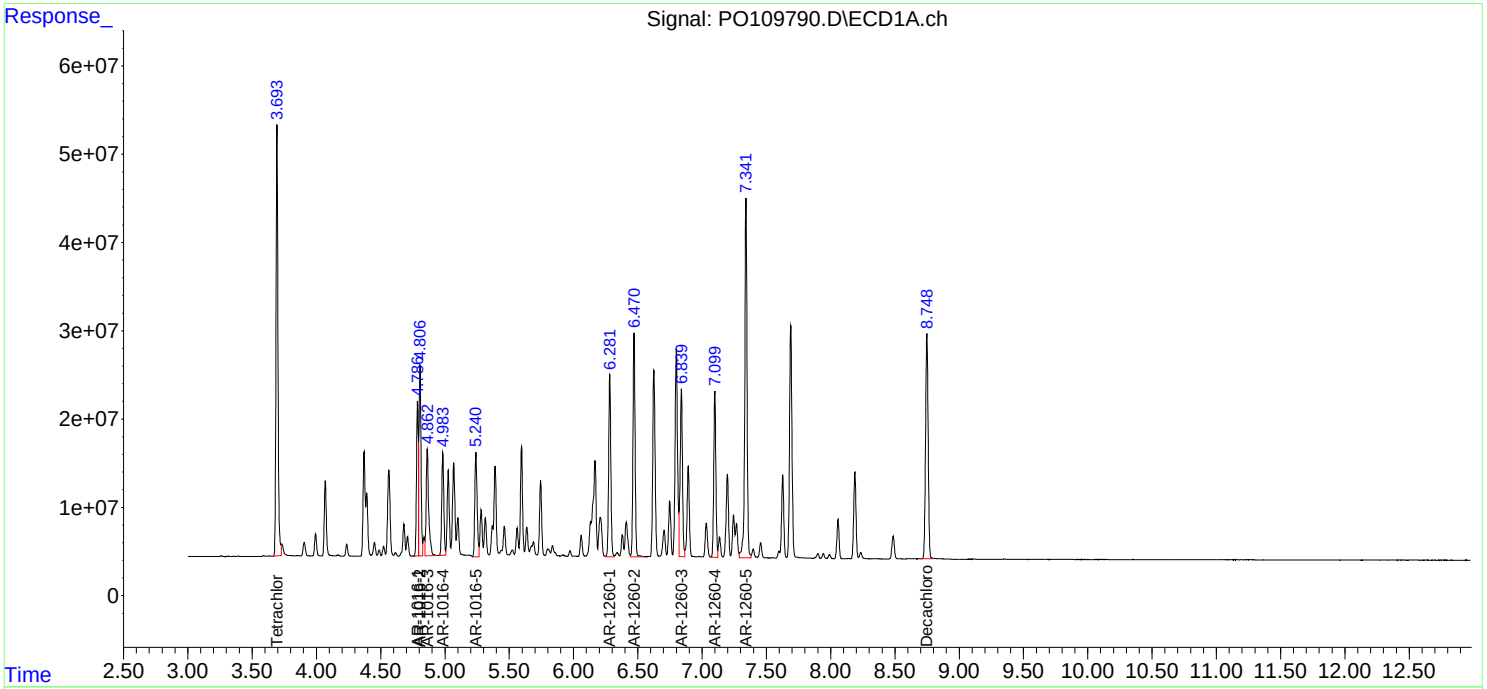
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

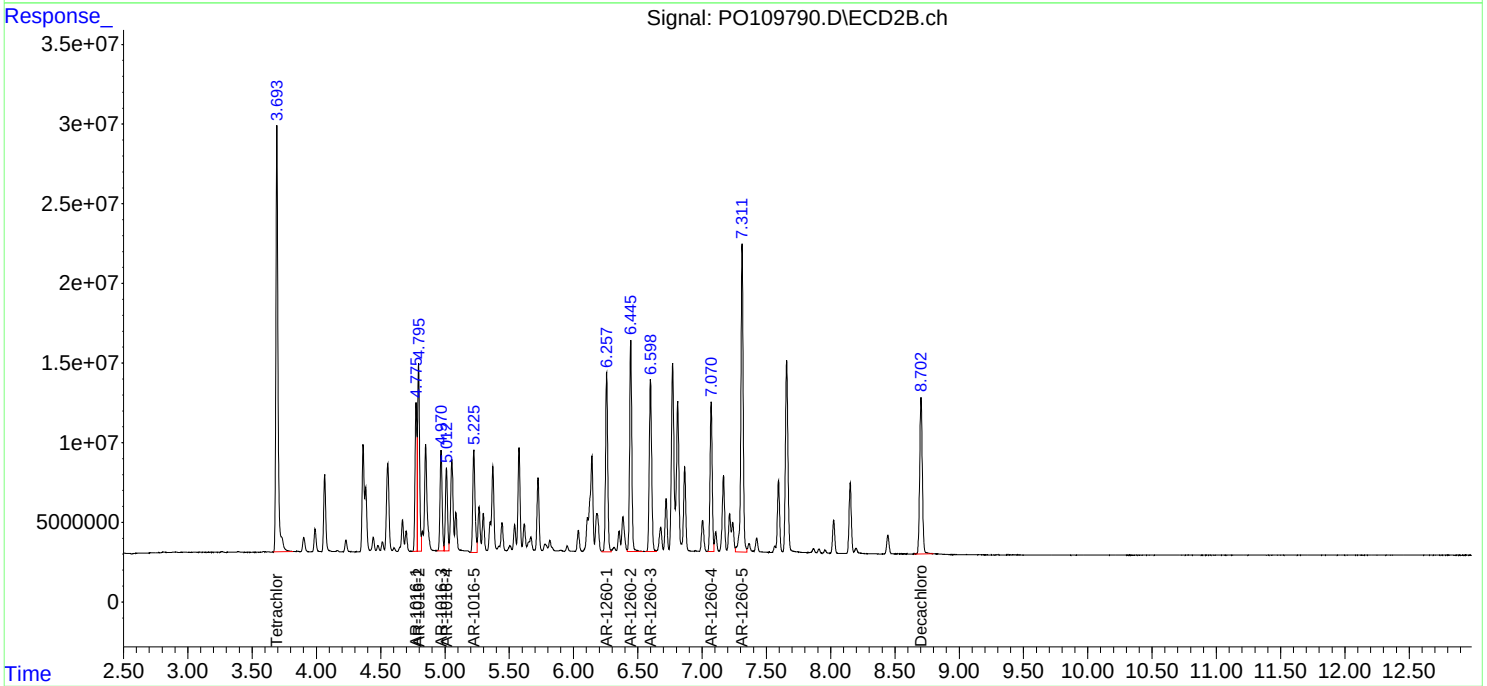
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 17:17
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:34:44 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: **PO109805.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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

Continuing Calib Date: 03/11/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 21:49 **Initial Calibration Time(s):** 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	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)	4.86	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)	6.28	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: **PO109805.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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

Continuing Calib Date: 03/11/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

Continuing Calib Time: 21:49 **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)	5.01	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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL11 **Date Analyzed:** 03/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109805.D **Time Analyzed:** 21:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.788	4.691	4.891	559.160	500.000	11.8
Aroclor-1016-2	4.807	4.711	4.911	567.120	500.000	13.4
Aroclor-1016-3	4.864	4.767	4.967	565.970	500.000	13.2
Aroclor-1016-4	4.985	4.888	5.088	565.040	500.000	13.0
Aroclor-1016-5	5.242	5.145	5.345	575.320	500.000	15.1
Aroclor-1260-1	6.283	6.188	6.388	541.470	500.000	8.3
Aroclor-1260-2	6.472	6.377	6.577	539.380	500.000	7.9
Aroclor-1260-3	6.841	6.746	6.946	520.370	500.000	4.1
Aroclor-1260-4	7.100	7.005	7.205	521.180	500.000	4.2
Aroclor-1260-5	7.342	7.247	7.447	522.570	500.000	4.5
Decachlorobiphenyl	8.749	8.657	8.857	43.800	50.000	-12.4
Tetrachloro-m-xylene	3.695	3.598	3.798	54.030	50.000	8.1

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.:** Q1433 **SAS No.:** Q1433 **SDG NO.:** Q1433

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

Client Sample No.: CCAL11 **Date Analyzed:** 03/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO109805.D **Time Analyzed:** 21:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.678	4.878	587.090	500.000	17.4
Aroclor-1016-2	4.795	4.697	4.897	593.020	500.000	18.6
Aroclor-1016-3	4.970	4.872	5.072	594.900	500.000	19.0
Aroclor-1016-4	5.012	4.914	5.114	550.860	500.000	10.2
Aroclor-1016-5	5.225	5.127	5.327	597.430	500.000	19.5
Aroclor-1260-1	6.258	6.161	6.361	553.490	500.000	10.7
Aroclor-1260-2	6.445	6.348	6.548	552.280	500.000	10.5
Aroclor-1260-3	6.598	6.502	6.702	545.990	500.000	9.2
Aroclor-1260-4	7.069	6.974	7.174	537.530	500.000	7.5
Aroclor-1260-5	7.310	7.214	7.414	542.490	500.000	8.5
Decachlorobiphenyl	8.702	8.607	8.807	44.310	50.000	-11.4
Tetrachloro-m-xylene	3.693	3.594	3.794	56.780	50.000	13.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:49
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: Mar 11 22:45:40 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...	3.695	3.693	511.4E6	297.2E6	54.028	56.784
2)	SA Decachlor...	8.749	8.702	376.8E6	141.1E6	43.799	44.311
	Target Compounds						
3)	L1 AR-1016-1	4.788	4.776	172.4E6	91685400	559.157	587.085
4)	L1 AR-1016-2	4.807	4.795	238.8E6	128.4E6	567.116	593.023
5)	L1 AR-1016-3	4.864	4.970	167.4E6	71061264	565.972	594.898
6)	L1 AR-1016-4	4.985	5.012	131.0E6	57328775	565.043	550.864
7)	L1 AR-1016-5	5.242	5.225	148.6E6	81402408	575.321	597.433
31)	L7 AR-1260-1	6.283	6.258	252.4E6	131.1E6	541.474	553.489
32)	L7 AR-1260-2	6.472	6.445	304.8E6	152.0E6	539.379	552.282
33)	L7 AR-1260-3	6.841	6.598	247.5E6	139.3E6	520.373	545.992
34)	L7 AR-1260-4	7.100	7.069	224.9E6	110.8E6	521.184	537.526
35)	L7 AR-1260-5	7.342	7.310	519.4E6	242.9E6	522.568	542.492

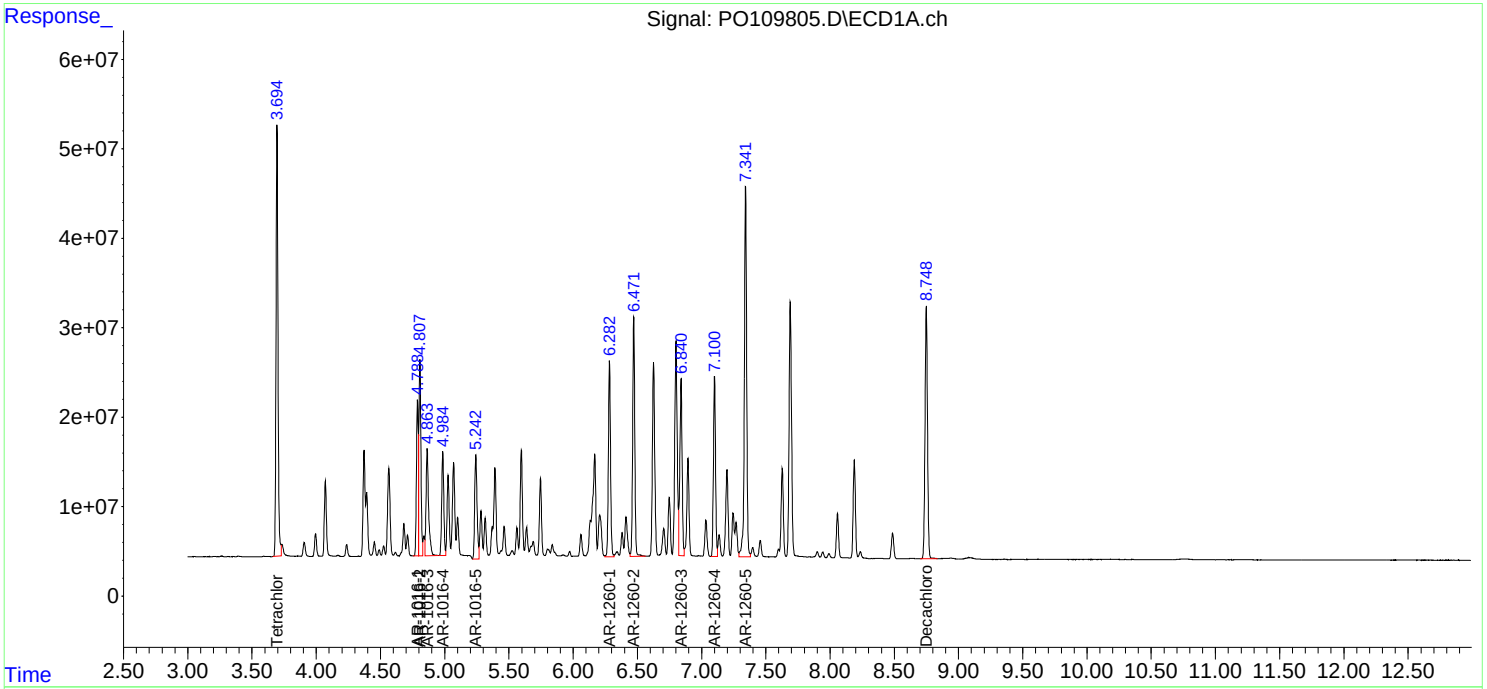
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

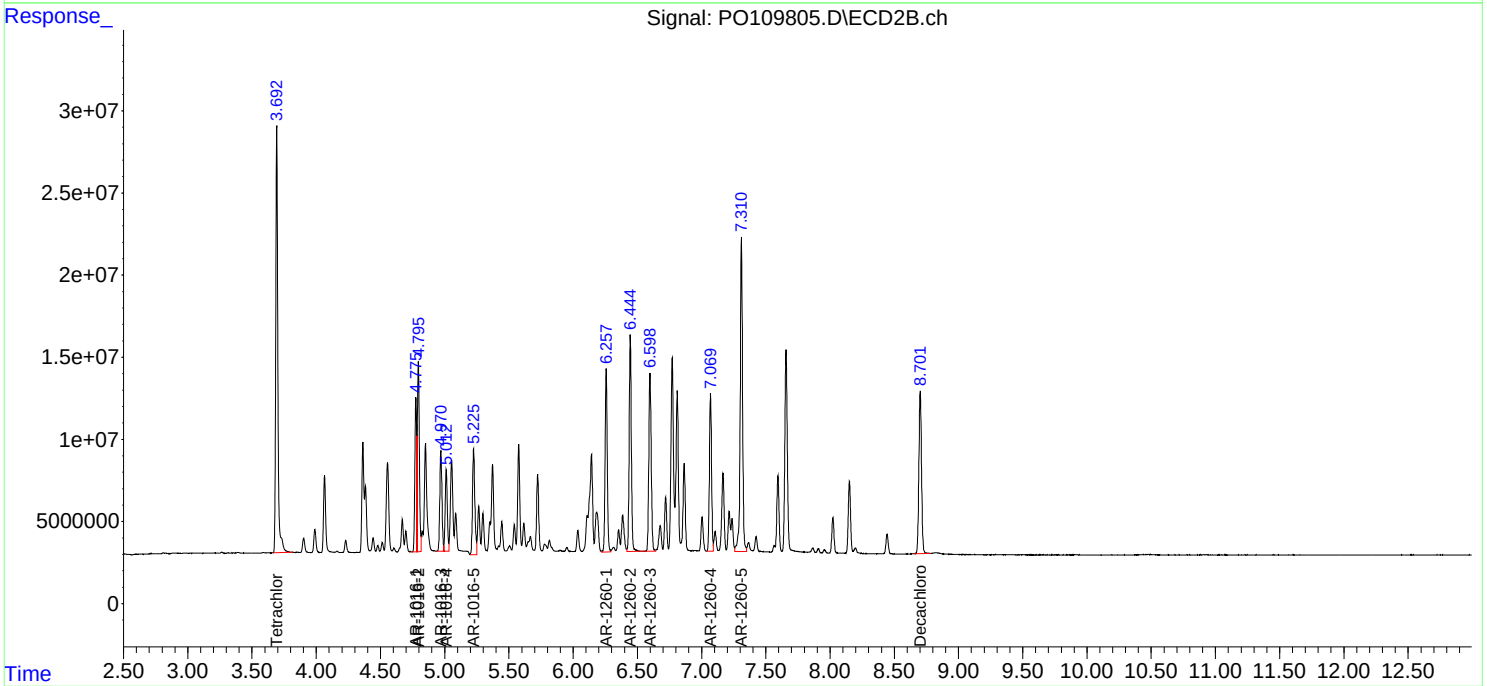
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 21:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 22:45:40 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





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

Analytical Sequence

Client: ATC Group Services LLC **SDG No.:** Q1433

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	17:49	PO109533.D	8.76	3.70
I.BLK	I.BLK	02/27/2025	20:12	PO109537.D	8.76	3.70
PB166889BL	PB166889BL	02/27/2025	22:57	PO109546.D	8.76	3.70
PB166889BS	PB166889BS	02/27/2025	23:16	PO109547.D	8.76	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	00:02	PO109548.D	8.76	3.70
I.BLK	I.BLK	02/28/2025	01:14	PO109552.D	8.76	3.70
K084-1A	Q1433-01	02/28/2025	01:32	PO109553.D	8.75	3.70
K084-2A	Q1433-04	02/28/2025	02:08	PO109555.D	8.75	3.70
K084-2B	Q1433-05	02/28/2025	02:26	PO109556.D	8.76	3.70
K084-3A	Q1433-07	02/28/2025	02:45	PO109557.D	8.76	3.70
K084-3B	Q1433-08	02/28/2025	03:03	PO109558.D	8.76	3.70
K084-4A	Q1433-10	02/28/2025	03:21	PO109559.D	8.75	3.70
K084-5AMS	Q1434-03MS	02/28/2025	04:16	PO109562.D	8.76	3.70

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Fax : 908 789 8922

Analytical Sequence

K084-5AMSD	Q1434-03MSD	02/28/2025	04:34	PO109563.D	8.76	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	08:19	PO109573.D	8.75	3.70
I.BLK	I.BLK	02/28/2025	08:38	PO109574.D	8.75	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
K084-1B	Q1433-02	02/28/2025	14:13	PO109589.D	8.75	3.70
K084-1ADL	Q1433-01DL	02/28/2025	14:32	PO109590.D	8.75	3.70
K084-2ADL	Q1433-04DL	02/28/2025	15:04	PO109591.D	8.75	3.70
K084-2ADL2	Q1433-04DL2	02/28/2025	15:23	PO109592.D	0.00	0.00
K084-2BDL	Q1433-05DL	02/28/2025	15:41	PO109593.D	8.75	3.70
K084-2BDL2	Q1433-05DL2	02/28/2025	15:59	PO109594.D	8.76	3.70
K084-3ADL	Q1433-07DL	02/28/2025	16:18	PO109595.D	8.75	3.70
K084-3ADL2	Q1433-07DL2	02/28/2025	16:36	PO109596.D	8.76	3.70
K084-3BDL	Q1433-08DL	02/28/2025	16:54	PO109597.D	8.75	3.70
K084-4ADL	Q1433-10DL	02/28/2025	17:13	PO109598.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	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
K084-1C	Q1433-03	03/07/2025	01:05	PO109684.D	8.75	3.70
K084-2C	Q1433-06	03/07/2025	01:23	PO109685.D	8.75	3.70
K084-3C	Q1433-09	03/07/2025	01:41	PO109686.D	8.75	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
K084-2CDL	Q1433-06DL	03/07/2025	10:29	PO109703.D	8.75	3.69
K084-3CDL	Q1433-09DL	03/07/2025	10:48	PO109704.D	8.75	3.70
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
AR1660CCC500	AR1660CCC500	03/11/2025	17:17	PO109790.D	8.75	3.69
I.BLK	I.BLK	03/11/2025	18:28	PO109794.D	8.75	3.70
K084-4ADL2	Q1433-10DL2	03/11/2025	18:47	PO109795.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/11/2025	21:49	PO109805.D	8.75	3.70
I.BLK	I.BLK	03/11/2025	23:01	PO109809.D	8.75	3.70

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

Analytical Sequence

Client: ATC Group Services LLC **SDG No.:** Q1433

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	17:49	PO109533.D	8.71	3.70
I.BLK	I.BLK	02/27/2025	20:12	PO109537.D	8.71	3.70
PB166889BL	PB166889BL	02/27/2025	22:57	PO109546.D	8.71	3.70
PB166889BS	PB166889BS	02/27/2025	23:16	PO109547.D	8.71	3.70
AR1660CCC500	AR1660CCC500	02/28/2025	00:02	PO109548.D	8.71	3.70
I.BLK	I.BLK	02/28/2025	01:14	PO109552.D	8.71	3.70
K084-1A	Q1433-01	02/28/2025	01:32	PO109553.D	8.71	3.69
K084-2A	Q1433-04	02/28/2025	02:08	PO109555.D	8.71	3.70
K084-2B	Q1433-05	02/28/2025	02:26	PO109556.D	8.71	3.69
K084-3A	Q1433-07	02/28/2025	02:45	PO109557.D	8.71	3.69
K084-3B	Q1433-08	02/28/2025	03:03	PO109558.D	8.71	3.70
K084-4A	Q1433-10	02/28/2025	03:21	PO109559.D	8.70	3.69
K084-5AMS	Q1434-03MS	02/28/2025	04:16	PO109562.D	8.71	3.69

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Analytical Sequence

K084-5AMSD	Q1434-03MSD	02/28/2025	04:34	PO109563.D	8.71	3.69
AR1660CCC500	AR1660CCC500	02/28/2025	08:19	PO109573.D	8.71	3.70
I.BLK	I.BLK	02/28/2025	08:38	PO109574.D	8.71	3.69
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
K084-1B	Q1433-02	02/28/2025	14:13	PO109589.D	8.71	3.69
K084-1ADL	Q1433-01DL	02/28/2025	14:32	PO109590.D	8.71	3.69
K084-2ADL	Q1433-04DL	02/28/2025	15:04	PO109591.D	8.70	3.69
K084-2ADL2	Q1433-04DL2	02/28/2025	15:23	PO109592.D	0.00	0.00
K084-2BDL	Q1433-05DL	02/28/2025	15:41	PO109593.D	8.71	3.69
K084-2BDL2	Q1433-05DL2	02/28/2025	15:59	PO109594.D	8.71	3.69
K084-3ADL	Q1433-07DL	02/28/2025	16:18	PO109595.D	8.71	3.69
K084-3ADL2	Q1433-07DL2	02/28/2025	16:36	PO109596.D	8.71	3.69
K084-3BDL	Q1433-08DL	02/28/2025	16:54	PO109597.D	8.71	3.69
K084-4ADL	Q1433-10DL	02/28/2025	17:13	PO109598.D	8.70	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	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
K084-1C	Q1433-03	03/07/2025	01:05	PO109684.D	8.71	3.69
K084-2C	Q1433-06	03/07/2025	01:23	PO109685.D	8.71	3.69
K084-3C	Q1433-09	03/07/2025	01:41	PO109686.D	8.70	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
K084-2CDL	Q1433-06DL	03/07/2025	10:29	PO109703.D	8.70	3.69
K084-3CDL	Q1433-09DL	03/07/2025	10:48	PO109704.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
AR1660CCC500	AR1660CCC500	03/11/2025	17:17	PO109790.D	8.70	3.69
I.BLK	I.BLK	03/11/2025	18:28	PO109794.D	8.70	3.69
K084-4ADL2	Q1433-10DL2	03/11/2025	18:47	PO109795.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/11/2025	21:49	PO109805.D	8.70	3.69
I.BLK	I.BLK	03/11/2025	23:01	PO109809.D	8.70	3.69

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB166889BS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: PB166889BS Date(s) Analyzed: 02/27/2025 02/27/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109547.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.791	4.741	4.841	142		
	2	4.811	4.761	4.861	142		
	3	4.867	4.817	4.917	139		
COLUMN 1	4	4.988	4.938	5.038	140		
	5	5.246	5.196	5.296	128	138	
	1	4.779	4.729	4.829	151		
	2	4.798	4.748	4.848	151		
	3	4.974	4.924	5.024	143		
	4	5.015	4.965	5.065	134		
COLUMN 2	5	5.229	5.179	5.279	133	142	2.86
Aroclor-1260	1	6.288	6.238	6.338	121		
	2	6.477	6.427	6.527	118		
	3	6.845	6.795	6.895	100		
COLUMN 1	4	7.105	7.055	7.155	95.4		
	5	7.347	7.297	7.397	103	108	
	1	6.262	6.212	6.312	144		
	2	6.449	6.399	6.499	140		
	3	6.602	6.552	6.652	130		
	4	7.074	7.024	7.124	111		
COLUMN 2	5	7.315	7.265	7.365	124	130	18.49

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-1A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-01 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 PO109553.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	2450		
	2	5.749	5.699	5.799	3710		
	3	6.155	6.105	6.205	5100		
COLUMN 1	4	6.385	6.335	6.435	5540		
	5	6.804	6.754	6.854	10400	5400	
	1	5.581	5.531	5.631	2790		
	2	5.728	5.678	5.778	4090		
	3	6.131	6.081	6.181	5930		
	4	6.359	6.309	6.409	6670		
COLUMN 2	5	6.776	6.726	6.826	16000	7100	27.2
Aroclor-1268	1	7.633	7.583	7.683	1620		
	2	7.697	7.647	7.747	2120		
	3	7.906	7.856	7.956	1520		
COLUMN 1	4	8.194	8.144	8.244	1360		
	5	8.493	8.443	8.543	1490	1600	
	1	7.599	7.549	7.649	1750		
	2	7.663	7.613	7.713	2330		
	3	7.871	7.821	7.921	1630		
	4	8.156	8.106	8.206	1530		
COLUMN 2	5	8.45	8.4	8.5	1610	1800	11.76

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-2A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-04 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 PO109555.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	3030		
	2	5.75	5.7	5.8	4340		
	3	6.156	6.106	6.206	5860		
COLUMN 1	4	6.386	6.336	6.436	7120		
	5	6.804	6.754	6.854	9160	5900	
	1	5.58	5.53	5.63	3490		
	2	5.728	5.678	5.778	4870		
	3	6.131	6.081	6.181	6880		
	4	6.359	6.309	6.409	8650		
COLUMN 2	5	6.777	6.727	6.827	13300	7400	22.56
Aroclor-1268	1	7.632	7.582	7.682	403		
	2	7.696	7.646	7.746	873		
	3	7.906	7.856	7.956	284		
COLUMN 1	4	8.194	8.144	8.244	418		
	5	8.492	8.442	8.542	318	459	
	1	7.599	7.549	7.649	440		
	2	7.662	7.612	7.712	967		
	3	7.871	7.821	7.921	317		
	4	8.156	8.106	8.206	480		
COLUMN 2	5	8.45	8.4	8.5	350	511	10.72

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-2B

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-05 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 PO109556.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	1360		
	2	5.75	5.7	5.8	2310		
	3	6.156	6.106	6.206	3190		
COLUMN 1	4	6.385	6.335	6.435	3830		
	5	6.806	6.756	6.856	7330	3600	
	1	5.58	5.53	5.63	1550		
	2	5.728	5.678	5.778	2560		
	3	6.131	6.081	6.181	3730		
	4	6.359	6.309	6.409	4630		
COLUMN 2	5	6.776	6.726	6.826	8780	4300	17.72
Aroclor-1268	1	7.634	7.584	7.684	602		
	2	7.697	7.647	7.747	829		
	3	7.906	7.856	7.956	757		
COLUMN 1	4	8.194	8.144	8.244	537		
	5	8.493	8.443	8.543	811	707	
	1	7.599	7.549	7.649	694		
	2	7.662	7.612	7.712	904		
	3	7.871	7.821	7.921	831		
	4	8.155	8.105	8.205	622		
COLUMN 2	5	8.45	8.4	8.5	892	789	10.96

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-3A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-07 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 PO109557.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	1530		
	2	5.75	5.7	5.8	2840		
	3	6.156	6.106	6.206	3660		
COLUMN 1	4	6.385	6.335	6.435	4160		
	5	6.804	6.754	6.854	7690	4000	
	1	5.581	5.531	5.631	1750		
	2	5.728	5.678	5.778	3150		
	3	6.131	6.081	6.181	4280		
	4	6.359	6.309	6.409	5030		
COLUMN 2	5	6.776	6.726	6.826	11600	5200	26.09
Aroclor-1268	1	7.633	7.583	7.683	792		
	2	7.696	7.646	7.746	1010		
	3	7.906	7.856	7.956	1280		
COLUMN 1	4	8.194	8.144	8.244	806		
	5	8.493	8.443	8.543	1360	1000	
	1	7.599	7.549	7.649	850		
	2	7.663	7.613	7.713	1110		
	3	7.871	7.821	7.921	1380		
	4	8.156	8.106	8.206	922		
COLUMN 2	5	8.45	8.4	8.5	1480	1100	9.52

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-3B

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-08 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 PO109558.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	1480		
	2	5.75	5.7	5.8	2700		
	3	6.156	6.106	6.206	3640		
COLUMN 1	4	6.386	6.336	6.436	3810		
	5	6.805	6.755	6.855	9440	4200	
	1	5.581	5.531	5.631	1680		
	2	5.728	5.678	5.778	2960		
	3	6.131	6.081	6.181	4150		
	4	6.359	6.309	6.409	4530		
COLUMN 2	5	6.776	6.726	6.826	11200	4900	15.38
Aroclor-1268	1	7.633	7.583	7.683	221		
	2	7.696	7.646	7.746	485		
	3	7.906	7.856	7.956	182		
COLUMN 1	4	8.195	8.145	8.245	237		
	5	8.493	8.443	8.543	188	262	
	1	7.599	7.549	7.649	222		
	2	7.661	7.611	7.711	516		
	3	7.871	7.821	7.921	206		
	4	8.156	8.106	8.206	283		
COLUMN 2	5	8.449	8.399	8.499	214	288	9.45

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-4A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-10 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 PO109559.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.599	5.549	5.649	5860		
	2	5.748	5.698	5.798	9130		
	3	6.155	6.105	6.205	10400		
COLUMN 1	4	6.383	6.333	6.433	12100		
	5	6.809	6.759	6.859	18100	11000	
	1	5.58	5.53	5.63	6780		
	2	5.727	5.677	5.777	10200		
	3	6.13	6.08	6.18	14300		
	4	6.359	6.309	6.409	18500		
COLUMN 2	5	6.776	6.726	6.826	26900	15000	30.77
Aroclor-1268	1	7.632	7.582	7.682	178		
	2	7.692	7.642	7.742	1150		
	3	7.905	7.855	7.955	108		
COLUMN 1	4	8.192	8.142	8.242	306		
	5	8.491	8.441	8.541	122	372	
	1	7.598	7.548	7.648	173		
	2	7.659	7.609	7.709	1260		
	3	7.87	7.82	7.92	117		
	4	8.155	8.105	8.205	354		
COLUMN 2	5	8.449	8.399	8.499	139	408	9.23

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
K084-5AMS

Contract: ATCE02
Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433
Lab Sample ID: Q1434-03MS Date(s) Analyzed: 02/28/2025 02/28/2025
Instrument ID (1): ECD_O Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO109562.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.791	4.741	4.841	204		
	2	4.81	4.76	4.86	189		
	3	4.866	4.816	4.916	196		
COLUMN 1	4	4.987	4.937	5.037	187		
	5	5.244	5.194	5.294	322	219	
	1	4.778	4.728	4.828	229		
	2	4.797	4.747	4.847	215		
	3	4.973	4.923	5.023	211		
	4	5.015	4.965	5.065	619		
COLUMN 2	5	5.228	5.178	5.278	366	328	39.85
Aroclor-1254	1	5.6	5.55	5.65	897		
	2	5.75	5.7	5.8	1340		
	3	6.156	6.106	6.206	1790		
COLUMN 1	4	6.385	6.335	6.435	2020		
	5	6.805	6.755	6.855	4630	2100	
	1	5.58	5.53	5.63	1030		
	2	5.728	5.678	5.778	1480		
	3	6.131	6.081	6.181	2060		
	4	6.359	6.309	6.409	2350		
COLUMN 2	5	6.776	6.726	6.826	5300	2400	13.33

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.287	6.237	6.337	1440		
	2	6.476	6.426	6.526	1250		
	3	6.877	6.827	6.927	189		
COLUMN 1	4	7.105	7.055	7.155	366		
	5	7.347	7.297	7.397	301	709	
	1	6.262	6.212	6.312	1590		
	2	6.449	6.399	6.499	1350		
	3	6.602	6.552	6.652	1320		
	4	7.074	7.024	7.124	398		
COLUMN 2	5	7.315	7.265	7.365	353	1000	34.06
Aroclor-1268	1	7.633	7.583	7.683	70.9		
	2	7.694	7.644	7.744	248		
	3	7.906	7.856	7.956	39.5		
COLUMN 1	4	8.194	8.144	8.244	135		
	5	8.493	8.443	8.543	40.8	107	
	1	7.599	7.549	7.649	79.0		
	2	7.661	7.611	7.711	275		
	3	7.871	7.821	7.921	42.7		
	4	8.156	8.106	8.206	161		
COLUMN 2	5	8.45	8.4	8.5	52.7	122	13.1

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-5AMSD

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1434-03MSD Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109563.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.791	4.741	4.841	202		
	2	4.811	4.761	4.861	188		
	3	4.866	4.816	4.916	196		
COLUMN 1	4	4.988	4.938	5.038	186		
	5	5.245	5.195	5.295	322	219	
	1	4.778	4.728	4.828	229		
	2	4.797	4.747	4.847	215		
	3	4.973	4.923	5.023	212		
	4	5.015	4.965	5.065	622		
COLUMN 2	5	5.228	5.178	5.278	365	328	39.85
Aroclor-1254	1	5.601	5.551	5.651	899		
	2	5.75	5.7	5.8	1330		
	3	6.156	6.106	6.206	1790		
COLUMN 1	4	6.385	6.335	6.435	1990		
	5	6.806	6.756	6.856	4640	2100	
	1	5.58	5.53	5.63	1030		
	2	5.728	5.678	5.778	1490		
	3	6.131	6.081	6.181	2070		
	4	6.358	6.308	6.408	2370		
COLUMN 2	5	6.776	6.726	6.826	5340	2500	17.39

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.288	6.238	6.338	1430		
	2	6.476	6.426	6.526	1230		
	3	6.877	6.827	6.927	191		
COLUMN 1	4	7.105	7.055	7.155	369		
	5	7.347	7.297	7.397	303	705	
	1	6.261	6.211	6.311	1600		
	2	6.449	6.399	6.499	1370		
	3	6.602	6.552	6.652	1340		
	4	7.074	7.024	7.124	400		
COLUMN 2	5	7.314	7.264	7.364	355	1000	34.6
Aroclor-1268	1	7.633	7.583	7.683	69.3		
	2	7.695	7.645	7.745	245		
	3	7.907	7.857	7.957	39.6		
COLUMN 1	4	8.193	8.143	8.243	135		
	5	8.493	8.443	8.543	43.5	106	
	1	7.599	7.549	7.649	78.3		
	2	7.661	7.611	7.711	275		
	3	7.871	7.821	7.921	46.0		
	4	8.156	8.106	8.206	161		
COLUMN 2	5	8.45	8.4	8.5	52.5	123	14.85

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-1B

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-02 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 PO109589.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	287		
	2	5.748	5.698	5.798	541		
	3	6.155	6.105	6.205	682		
COLUMN 1	4	6.383	6.333	6.433	653		
	5	6.804	6.754	6.854	1820	797	
	1	5.58	5.53	5.63	315		
	2	5.727	5.677	5.777	573		
	3	6.13	6.08	6.18	750		
	4	6.357	6.307	6.407	743		
COLUMN 2	5	6.774	6.724	6.824	2030	883	10.24
Aroclor-1268	1	7.631	7.581	7.681	129		
	2	7.695	7.645	7.745	185		
	3	7.905	7.855	7.955	104		
COLUMN 1	4	8.192	8.142	8.242	131		
	5	8.491	8.441	8.541	97.6	129	
	1	7.598	7.548	7.648	143		
	2	7.661	7.611	7.711	212		
	3	7.869	7.819	7.919	118		
	4	8.154	8.104	8.204	148		
COLUMN 2	5	8.449	8.399	8.499	113	147	13.04

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-1ADL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-01DL 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 PO109590.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	2890		
	2	5.749	5.699	5.799	4360		
	3	6.155	6.105	6.205	5730		
COLUMN 1	4	6.384	6.334	6.434	6020		
	5	6.803	6.753	6.853	14000	6600	
	1	5.58	5.53	5.63	3270		
	2	5.727	5.677	5.777	4740		
	3	6.131	6.081	6.181	6360		
	4	6.358	6.308	6.408	6960		
COLUMN 2	5	6.775	6.725	6.825	15300	7300	10.07
Aroclor-1268	1	7.632	7.582	7.682	1660		
	2	7.695	7.645	7.745	2080		
	3	7.905	7.855	7.955	1500		
COLUMN 1	4	8.193	8.143	8.243	1450		
	5	8.491	8.441	8.541	1400	1600	
	1	7.598	7.548	7.648	1910		
	2	7.661	7.611	7.711	2420		
	3	7.87	7.82	7.92	1730		
	4	8.154	8.104	8.204	1760		
COLUMN 2	5	8.449	8.399	8.499	1630	1900	17.14

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-2ADL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-04DL 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 PO109591.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.599	5.549	5.649	3650		
	2	5.748	5.698	5.798	5240		
	3	6.154	6.104	6.204	6980		
COLUMN 1	4	6.384	6.334	6.434	8310		
	5	6.804	6.754	6.854	13400	7500	
	1	5.579	5.529	5.629	3950		
	2	5.727	5.677	5.777	5560		
	3	6.13	6.08	6.18	7800		
	4	6.357	6.307	6.407	9660		
COLUMN 2	5	6.774	6.724	6.824	15000	8400	11.32
Aroclor-1268	1	7.63	7.58	7.68	459		
	2	7.694	7.644	7.744	989		
	3	7.905	7.855	7.955	331		
COLUMN 1	4	8.192	8.142	8.242	490		
	5	8.49	8.44	8.54	348	523	
	1	7.598	7.548	7.648	513		
	2	7.66	7.61	7.71	1100		
	3	7.87	7.82	7.92	362		
	4	8.154	8.104	8.204	576		
COLUMN 2	5	8.448	8.398	8.498	389	588	11.7

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-2ADL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-04DL2 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 PO109592.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	4190		
	2	5.748	5.698	5.798	6010		
	3	6.155	6.105	6.205	7650		
COLUMN 1	4	6.384	6.334	6.434	8870		
	5	6.804	6.754	6.854	13500	8100	
	1	5.579	5.529	5.629	4490		
	2	5.727	5.677	5.777	6300		
	3	6.13	6.08	6.18	8330		
	4	6.357	6.307	6.407	10100		
COLUMN 2	5	6.775	6.725	6.825	15200	8900	9.41
Aroclor-1268	1	7.632	7.582	7.682	587		
	2	7.694	7.644	7.744	1200		
	3	7.905	7.855	7.955	385		
COLUMN 1	4	8.193	8.143	8.243	596		
	5	8.491	8.441	8.541	384	631	
	1	7.598	7.548	7.648	622		
	2	7.66	7.61	7.71	1280		
	3	7.87	7.82	7.92	454		
	4	8.155	8.105	8.205	728		
COLUMN 2	5	8.448	8.398	8.498	480	712	12.06

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-2BDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-05DL 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 PO109593.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.599	5.549	5.649	1570		
	2	5.749	5.699	5.799	2700		
	3	6.154	6.104	6.204	3720		
COLUMN 1	4	6.384	6.334	6.434	4290		
	5	6.804	6.754	6.854	8380	4100	
	1	5.58	5.53	5.63	1720		
	2	5.727	5.677	5.777	2850		
	3	6.13	6.08	6.18	4040		
	4	6.357	6.307	6.407	4880		
COLUMN 2	5	6.775	6.725	6.825	9380	4600	11.49
Aroclor-1268	1	7.632	7.582	7.682	679		
	2	7.695	7.645	7.745	911		
	3	7.905	7.855	7.955	835		
COLUMN 1	4	8.192	8.142	8.242	611		
	5	8.491	8.441	8.541	859	779	
	1	7.598	7.548	7.648	790		
	2	7.661	7.611	7.711	1000		
	3	7.87	7.82	7.92	925		
	4	8.155	8.105	8.205	723		
COLUMN 2	5	8.449	8.399	8.499	951	878	11.95

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-2BDL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-05DL2 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 PO109594.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	1820		
	2	5.749	5.699	5.799	3040		
	3	6.155	6.105	6.205	4070		
COLUMN 1	4	6.384	6.334	6.434	4680		
	5	6.804	6.754	6.854	8490	4400	
	1	5.579	5.529	5.629	2010		
	2	5.727	5.677	5.777	3270		
	3	6.13	6.08	6.18	4380		
	4	6.357	6.307	6.407	5220		
COLUMN 2	5	6.775	6.725	6.825	9380	4900	10.75
Aroclor-1268	1	7.631	7.581	7.681	801		
	2	7.695	7.645	7.745	1110		
	3	7.906	7.856	7.956	908		
COLUMN 1	4	8.193	8.143	8.243	721		
	5	8.492	8.442	8.542	885	885	
	1	7.597	7.547	7.647	856		
	2	7.661	7.611	7.711	1140		
	3	7.87	7.82	7.92	1050		
	4	8.154	8.104	8.204	843		
COLUMN 2	5	8.449	8.399	8.499	1040	985	10.7

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-3ADL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-07DL 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 PO109595.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	1970		
	2	5.749	5.699	5.799	3600		
	3	6.155	6.105	6.205	4620		
COLUMN 1	4	6.384	6.334	6.434	5050		
	5	6.804	6.754	6.854	12100	5500	
	1	5.579	5.529	5.629	2160		
	2	5.727	5.677	5.777	3840		
	3	6.13	6.08	6.18	5070		
	4	6.357	6.307	6.407	5720		
COLUMN 2	5	6.775	6.725	6.825	13300	6000	8.7
Aroclor-1268	1	7.631	7.581	7.681	952		
	2	7.695	7.645	7.745	1200		
	3	7.905	7.855	7.955	1500		
COLUMN 1	4	8.192	8.142	8.242	991		
	5	8.492	8.442	8.542	1540	1200	
	1	7.598	7.548	7.648	1040		
	2	7.661	7.611	7.711	1340		
	3	7.87	7.82	7.92	1630		
	4	8.155	8.105	8.205	1160		
COLUMN 2	5	8.448	8.398	8.498	1680	1400	15.38

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-3ADL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-07DL2 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 PO109596.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	2360		
	2	5.749	5.699	5.799	4220		
	3	6.156	6.106	6.206	5130		
COLUMN 1	4	6.384	6.334	6.434	5510		
	5	6.804	6.754	6.854	12500	5900	
	1	5.579	5.529	5.629	2580		
	2	5.727	5.677	5.777	4470		
	3	6.13	6.08	6.18	5570		
	4	6.358	6.308	6.408	6160		
COLUMN 2	5	6.775	6.725	6.825	13600	6500	9.68
Aroclor-1268	1	7.632	7.582	7.682	1100		
	2	7.695	7.645	7.745	1410		
	3	7.905	7.855	7.955	1600		
COLUMN 1	4	8.193	8.143	8.243	1120		
	5	8.492	8.442	8.542	1540	1400	
	1	7.598	7.548	7.648	1200		
	2	7.662	7.612	7.712	1520		
	3	7.87	7.82	7.92	1830		
	4	8.155	8.105	8.205	1410		
COLUMN 2	5	8.449	8.399	8.499	1850	1600	13.33

Alliance TECHNICAL GROUP
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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
K084-3BDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-08DL 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 PO109597.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	2020		
	2	5.748	5.698	5.798	3540		
	3	6.155	6.105	6.205	4450		
COLUMN 1	4	6.384	6.334	6.434	4630		
	5	6.804	6.754	6.854	10700	5100	
	1	5.58	5.53	5.63	2200		
	2	5.727	5.677	5.777	3760		
	3	6.13	6.08	6.18	4850		
	4	6.357	6.307	6.407	5260		
COLUMN 2	5	6.775	6.725	6.825	11600	5500	7.55
Aroclor-1268	1	7.631	7.581	7.681	331		
	2	7.694	7.644	7.744	644		
	3	7.905	7.855	7.955	275		
COLUMN 1	4	8.192	8.142	8.242	339		
	5	8.491	8.441	8.541	260	370	
	1	7.598	7.548	7.648	363		
	2	7.66	7.61	7.71	700		
	3	7.87	7.82	7.92	311		
	4	8.154	8.104	8.204	380		
COLUMN 2	5	8.448	8.398	8.498	300	411	10.5

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-4ADL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-10DL 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 PO109598.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	7260		
	2	5.749	5.699	5.799	11400		
	3	6.155	6.105	6.205	15500		
COLUMN 1	4	6.384	6.334	6.434	18700		
	5	6.804	6.754	6.854	29200	16000	
	1	5.58	5.53	5.63	7890		
	2	5.727	5.677	5.777	12000		
	3	6.13	6.08	6.18	17000		
	4	6.358	6.308	6.408	21300		
COLUMN 2	5	6.775	6.725	6.825	32200	18000	11.76
Aroclor-1268	1	7.632	7.582	7.682	229		
	2	7.693	7.643	7.743	1360		
	3	7.905	7.855	7.955	142		
COLUMN 1	4	8.193	8.143	8.243	400		
	5	8.492	8.442	8.542	149	456	
	1	7.598	7.548	7.648	226		
	2	7.659	7.609	7.709	1470		
	3	7.87	7.82	7.92	157		
	4	8.154	8.104	8.204	460		
COLUMN 2	5	8.448	8.398	8.498	175	498	8.81

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB167022BS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

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.: K084-1C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-03 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 PO109684.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.601	5.551	5.651	78.3		
	2	5.749	5.699	5.799	135		
	3	6.155	6.105	6.205	174		
COLUMN 1	4	6.385	6.335	6.435	149		
	5	6.804	6.754	6.854	579	223	
	1	5.58	5.53	5.63	86.7		
	2	5.728	5.678	5.778	143		
	3	6.13	6.08	6.18	191		
	4	6.358	6.308	6.408	163		
COLUMN 2	5	6.774	6.724	6.824	641	245	9.4
Aroclor-1268	1	7.633	7.583	7.683	35.9		
	2	7.696	7.646	7.746	53.8		
	3	7.905	7.855	7.955	31.0		
COLUMN 1	4	8.194	8.144	8.244	40.4		
	5	8.493	8.443	8.543	25.6	37.4	
	1	7.598	7.548	7.648	39.6		
	2	7.662	7.612	7.712	58.9		
	3	7.869	7.819	7.919	33.5		
	4	8.155	8.105	8.205	43.8		
COLUMN 2	5	8.45	8.4	8.5	29.3	41.0	9.18

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-2C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-06 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 PO109685.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	185		
	2	5.749	5.699	5.799	366		
	3	6.155	6.105	6.205	518		
COLUMN 1	4	6.384	6.334	6.434	482		
	5	6.804	6.754	6.854	1510	613	
	1	5.58	5.53	5.63	206		
	2	5.727	5.677	5.777	395		
	3	6.13	6.08	6.18	575		
	4	6.358	6.308	6.408	544		
COLUMN 2	5	6.775	6.725	6.825	1690	682	10.66
Aroclor-1268	1	7.632	7.582	7.682	126		
	2	7.696	7.646	7.746	200		
	3	7.905	7.855	7.955	78.2		
COLUMN 1	4	8.193	8.143	8.243	112		
	5	8.492	8.442	8.542	77.6	119	
	1	7.599	7.549	7.649	130		
	2	7.662	7.612	7.712	215		
	3	7.87	7.82	7.92	87.3		
	4	8.155	8.105	8.205	131		
COLUMN 2	5	8.449	8.399	8.499	86.8	130	8.84

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-3C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-09 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 PO109686.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.6	5.55	5.65	264		
	2	5.749	5.699	5.799	489		
	3	6.155	6.105	6.205	695		
COLUMN 1	4	6.385	6.335	6.435	571		
	5	6.804	6.754	6.854	2700	944	
	1	5.58	5.53	5.63	293		
	2	5.727	5.677	5.777	526		
	3	6.13	6.08	6.18	773		
	4	6.358	6.308	6.408	647		
COLUMN 2	5	6.775	6.725	6.825	3030	1100	15.26
Aroclor-1268	1	7.633	7.583	7.683	38.8		
	2	7.694	7.644	7.744	100		
	3	7.905	7.855	7.955	27.5		
COLUMN 1	4	8.194	8.144	8.244	56.1		
	5	8.493	8.443	8.543	27.7	50.1	
	1	7.598	7.548	7.648	39.8		
	2	7.661	7.611	7.711	106		
	3	7.87	7.82	7.92	29.8		
	4	8.155	8.105	8.205	66.4		
COLUMN 2	5	8.449	8.399	8.499	32.3	54.9	9.14

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-4CMS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

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.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

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.

K084-2CDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-06DL 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 PO109703.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.597	5.547	5.647	219		
	2	5.746	5.696	5.796	423		
	3	6.152	6.102	6.202	570		
COLUMN 1	4	6.382	6.332	6.432	537		
	5	6.802	6.752	6.852	1580	666	
	1	5.578	5.528	5.628	233		
	2	5.725	5.675	5.775	436		
	3	6.128	6.078	6.178	609		
	4	6.356	6.306	6.406	586		
COLUMN 2	5	6.773	6.723	6.823	1710	715	7.1
Aroclor-1268	1	7.63	7.58	7.68	138		
	2	7.692	7.642	7.742	219		
	3	7.902	7.852	7.952	89.9		
COLUMN 1	4	8.19	8.14	8.24	125		
	5	8.489	8.439	8.539	82.3	131	
	1	7.597	7.547	7.647	143		
	2	7.659	7.609	7.709	234		
	3	7.868	7.818	7.918	95.5		
	4	8.153	8.103	8.203	143		
COLUMN 2	5	8.446	8.396	8.496	93.1	142	8.06

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-3CDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-09DL 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 PO109704.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.599	5.549	5.649	344		
	2	5.748	5.698	5.798	621		
	3	6.154	6.104	6.204	840		
COLUMN 1	4	6.383	6.333	6.433	707		
	5	6.803	6.753	6.853	2870	1100	
	1	5.579	5.529	5.629	367		
	2	5.726	5.676	5.776	646		
	3	6.129	6.079	6.179	895		
	4	6.357	6.307	6.407	771		
COLUMN 2	5	6.774	6.724	6.824	3110	1200	8.7
Aroclor-1268	1	7.631	7.581	7.681	50.9		
	2	7.693	7.643	7.743	127		
	3	7.904	7.854	7.954	36.5		
COLUMN 1	4	8.192	8.142	8.242	68.6		
	5	8.49	8.44	8.54	33.6	63.3	
	1	7.597	7.547	7.647	51.0		
	2	7.659	7.609	7.709	132		
	3	7.869	7.819	7.919	38.6		
	4	8.154	8.104	8.204	83.0		
COLUMN 2	5	8.447	8.397	8.497	40.9	69.0	8.62

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-4ADL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1433 SAS No.: Q1433 SDG NO.: Q1433

Lab Sample ID: Q1433-10DL2 Date(s) Analyzed: 03/11/2025 03/11/2025

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 PO109795.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.597	5.547	5.647	9860		
	2	5.746	5.696	5.796	15100		
	3	6.151	6.101	6.201	19100		
COLUMN 1	4	6.382	6.332	6.432	24000		
	5	6.801	6.751	6.851	33800	20000	
	1	5.577	5.527	5.627	10600		
	2	5.724	5.674	5.774	15900		
	3	6.128	6.078	6.178	20500		
	4	6.355	6.305	6.405	25600		
COLUMN 2	5	6.773	6.723	6.823	34400	21000	4.88
Aroclor-1268	1	7.628	7.578	7.678	324		
	2	7.69	7.64	7.74	1750		
	3	7.901	7.851	7.951	193		
COLUMN 1	4	8.19	8.14	8.24	584		
	5	8.488	8.438	8.538	199	610	
	1	7.595	7.545	7.645	353		
	2	7.655	7.605	7.705	1930		
	3	7.867	7.817	7.917	234		
	4	8.151	8.101	8.201	615		
COLUMN 2	5	8.445	8.395	8.495	252	677	10.41

QC SAMPLE DATA

Raw Data: **PO109546.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	
Client Sample ID:	PB166889BL	SDG No.:	Q1433
Lab Sample ID:	PB166889BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109546.D	1	02/27/25 09:15	02/27/25 22:57	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.40	U	3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.0	ug/kg
Total PCBs	Total PCBs	7.90	U	7.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		32 - 175	79%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109546.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 22:57
Operator : YP/AJ
Sample : PB166889BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB166889BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:26:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.697	3.695	180.3E6	99328984	19.049	18.977
2)	SA Decachlor...	8.755	8.706	118.5E6	50479265	13.772	15.853
	Target Compounds						

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

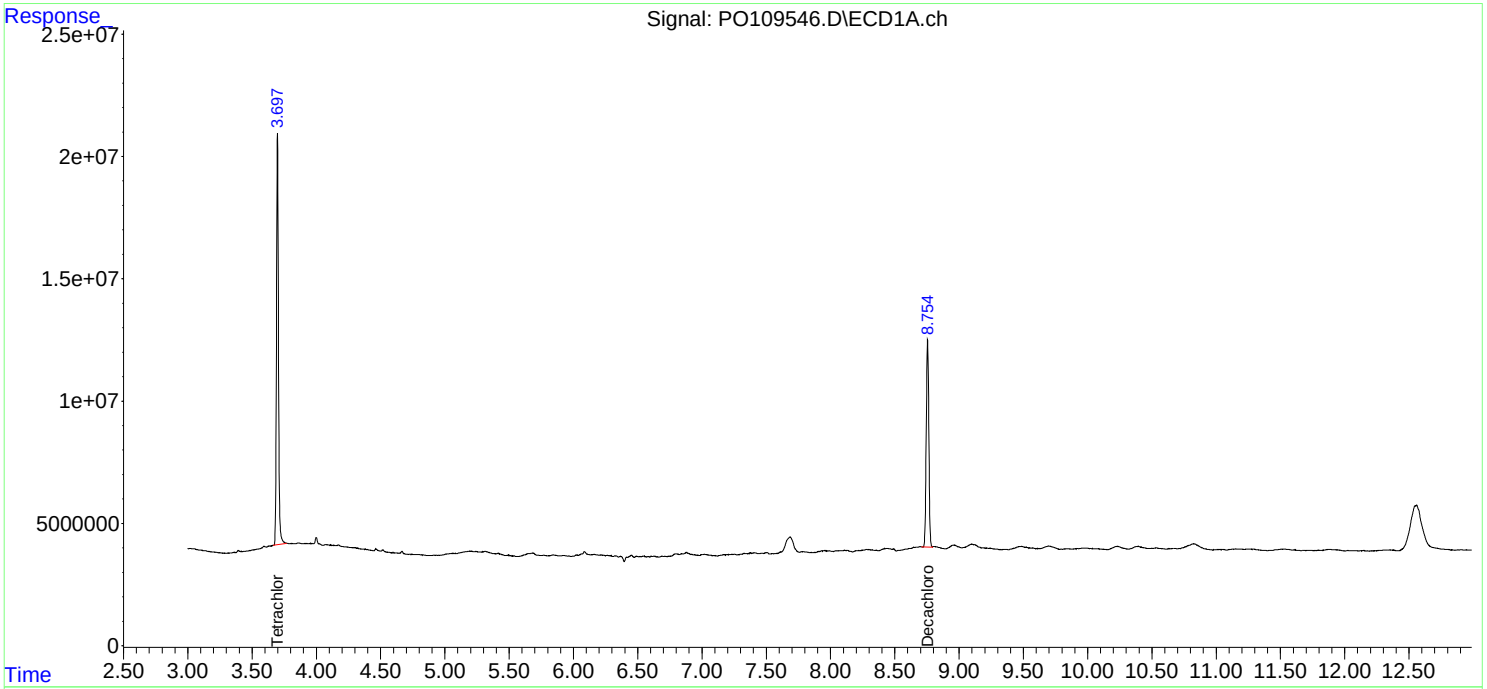
Sample Results: **PO109546.D**

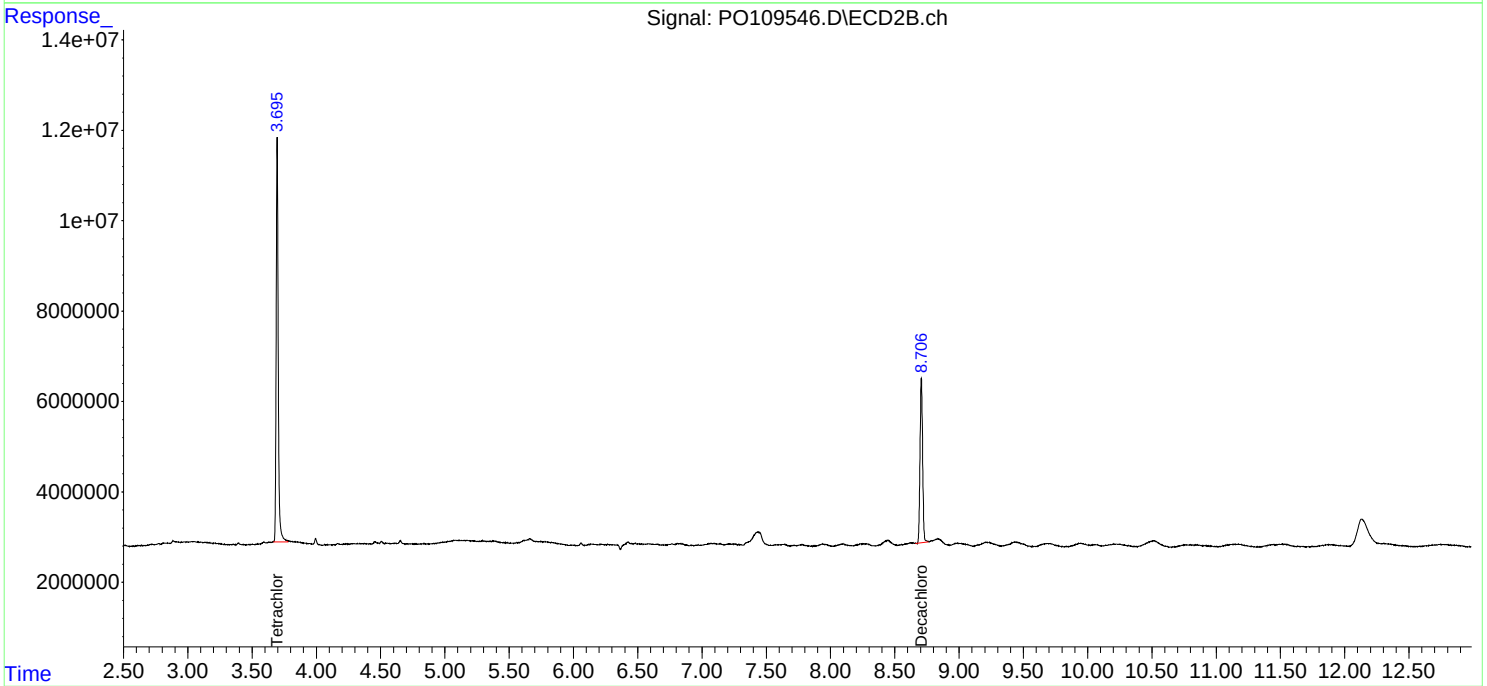
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 22:57
Operator : YP/AJ
Sample : PB166889BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

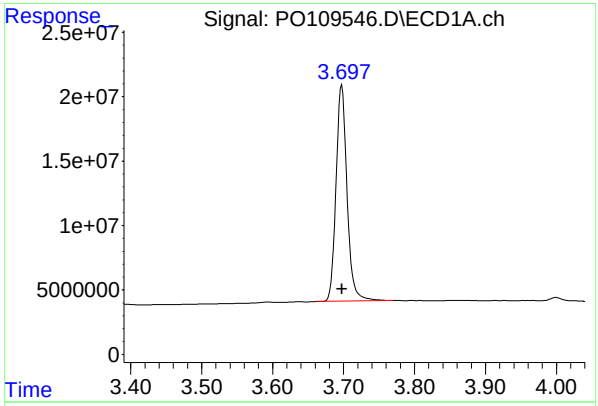
Instrument :
ECD_O
ClientSampleId :
PB166889BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:26:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



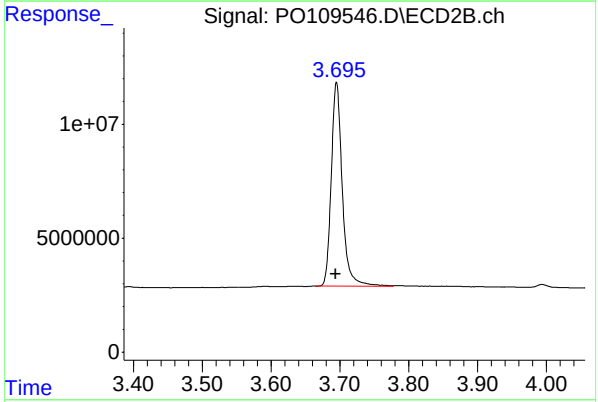




#1 Tetrachloro-m-xylene

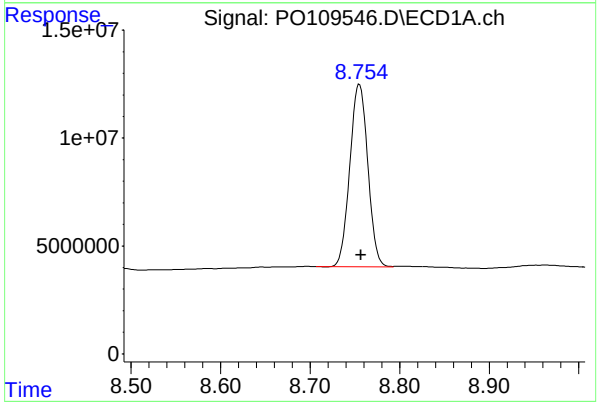
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 180302795
Conc: 19.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB166889BL



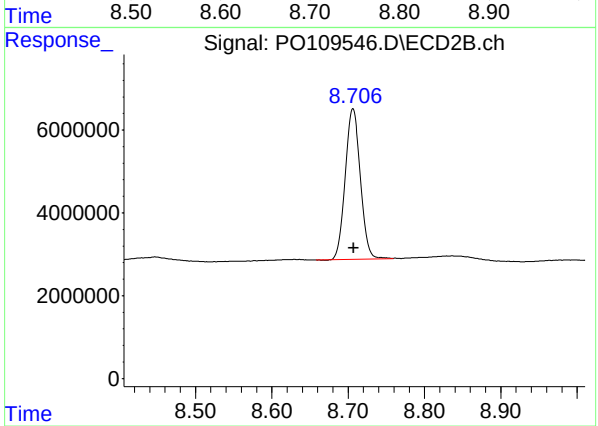
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.001 min
Response: 99328984
Conc: 18.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 118463339
Conc: 13.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 50479265
Conc: 15.85 ng/ml

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.:	Q1433
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.

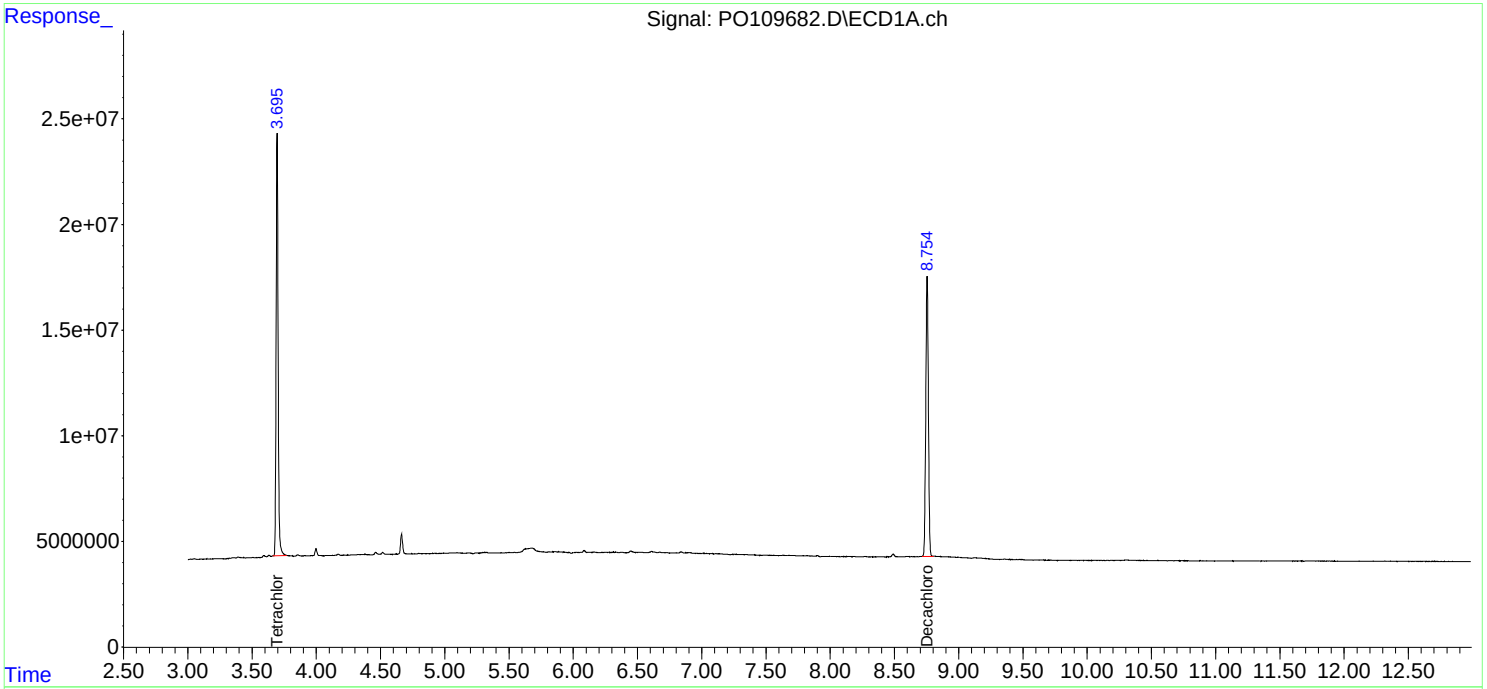
Sample Results: **PO109682.D**

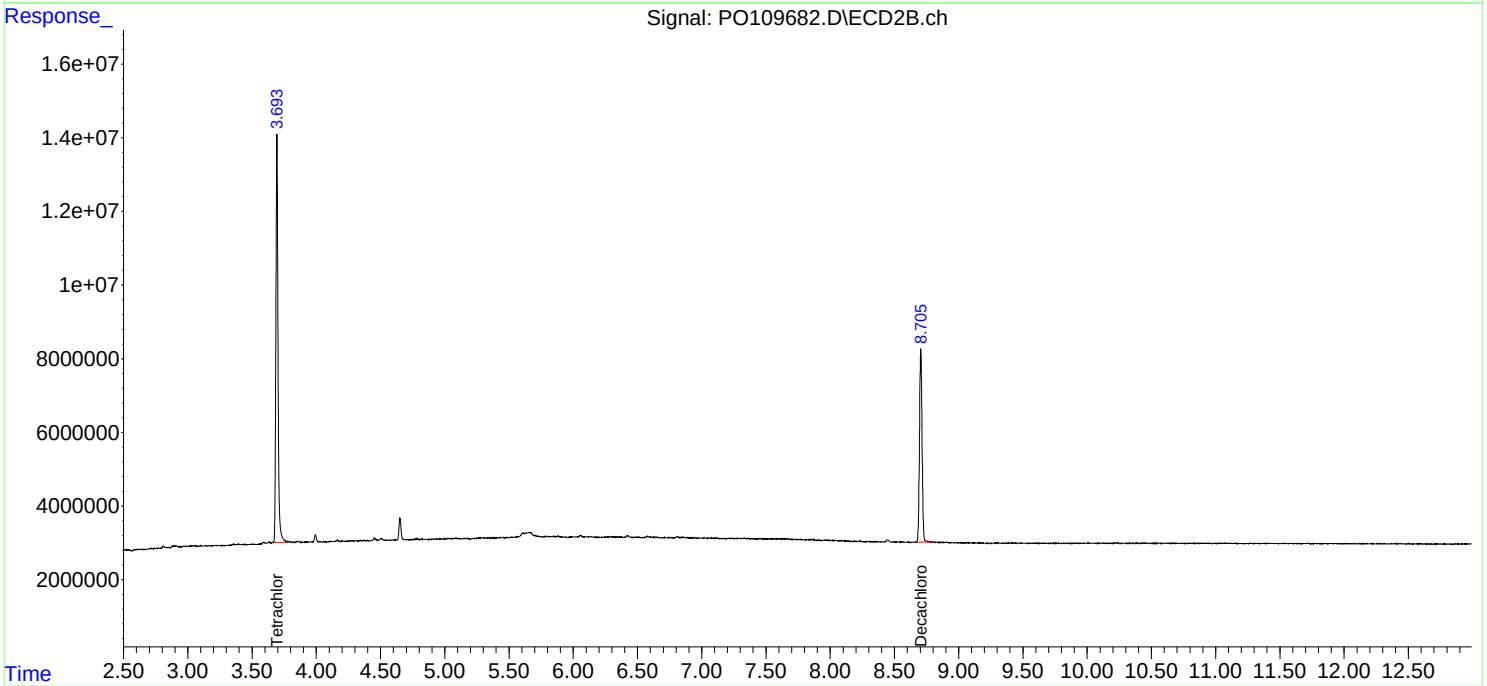
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:28
Operator : YP/AJ
Sample : PB167022BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

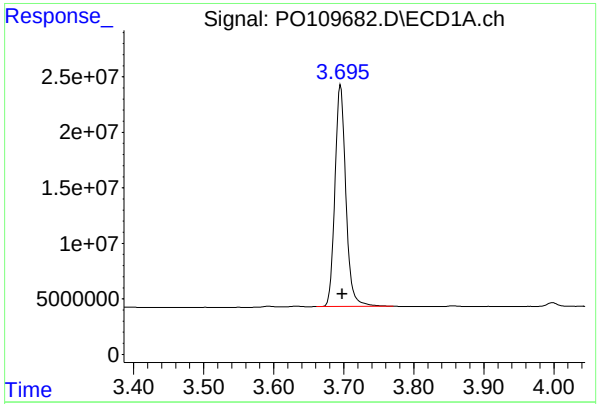
Instrument :
ECD_O
ClientSampleId :
PB167022BL

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



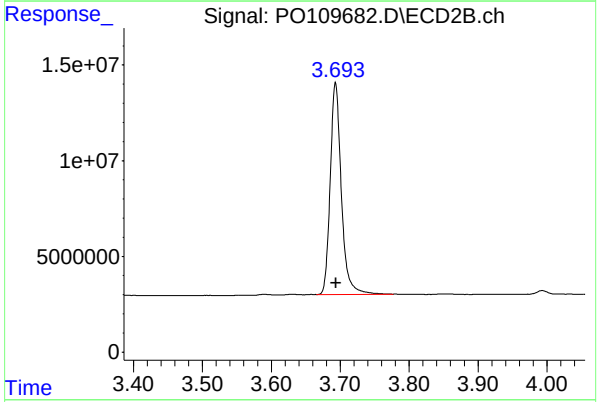




#1 Tetrachloro-m-xylene

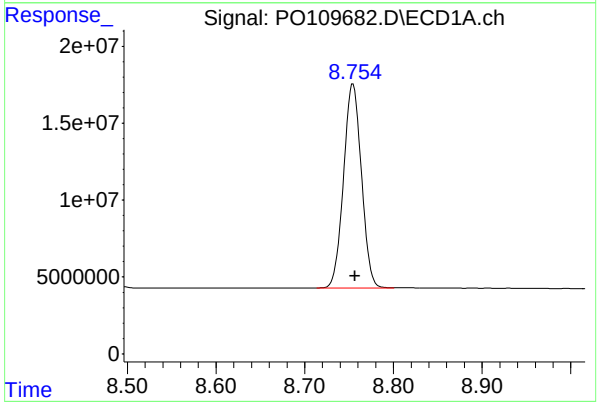
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 215500576
Conc: 22.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167022BL



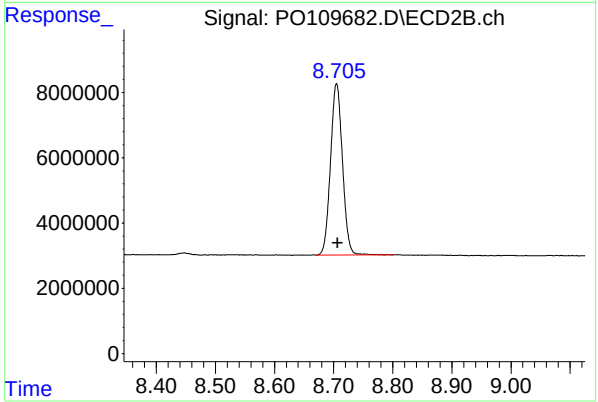
#1 Tetrachloro-m-xylene

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: **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.:	Q1433
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						

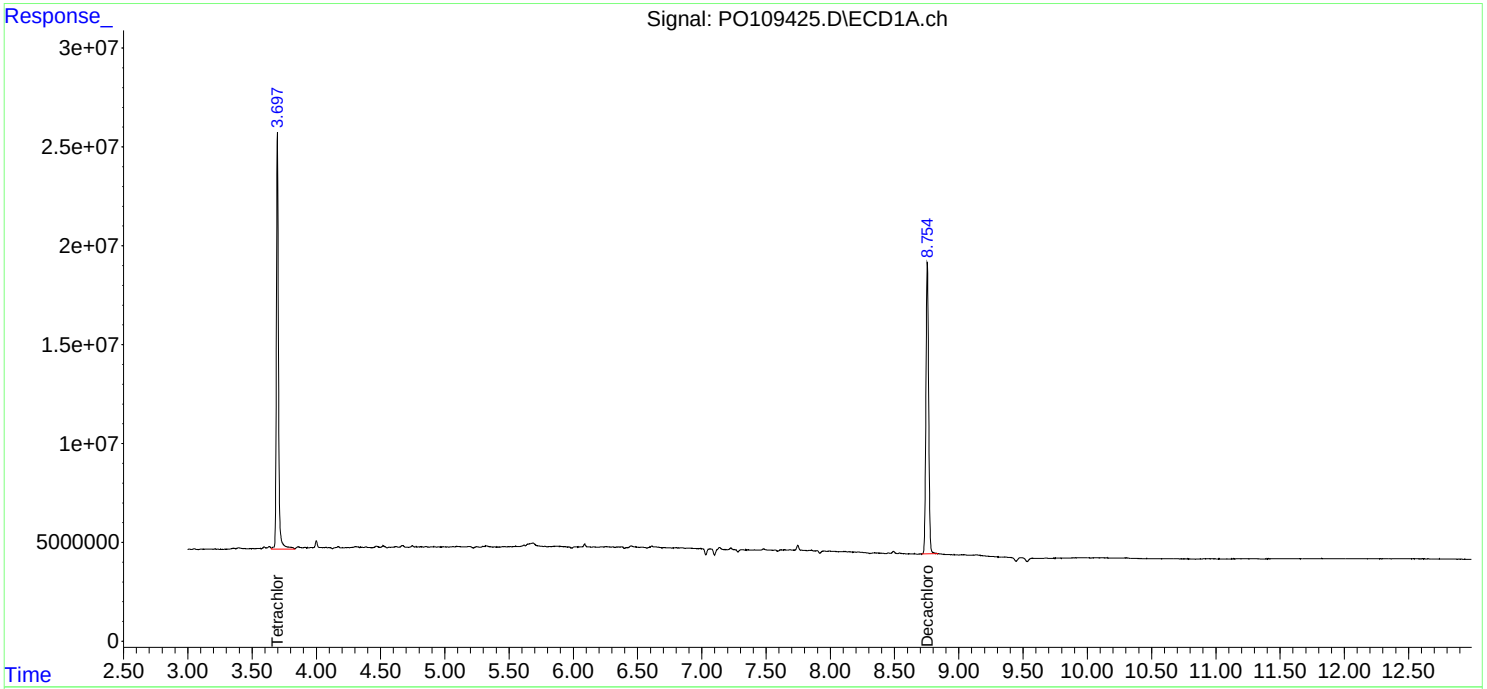
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

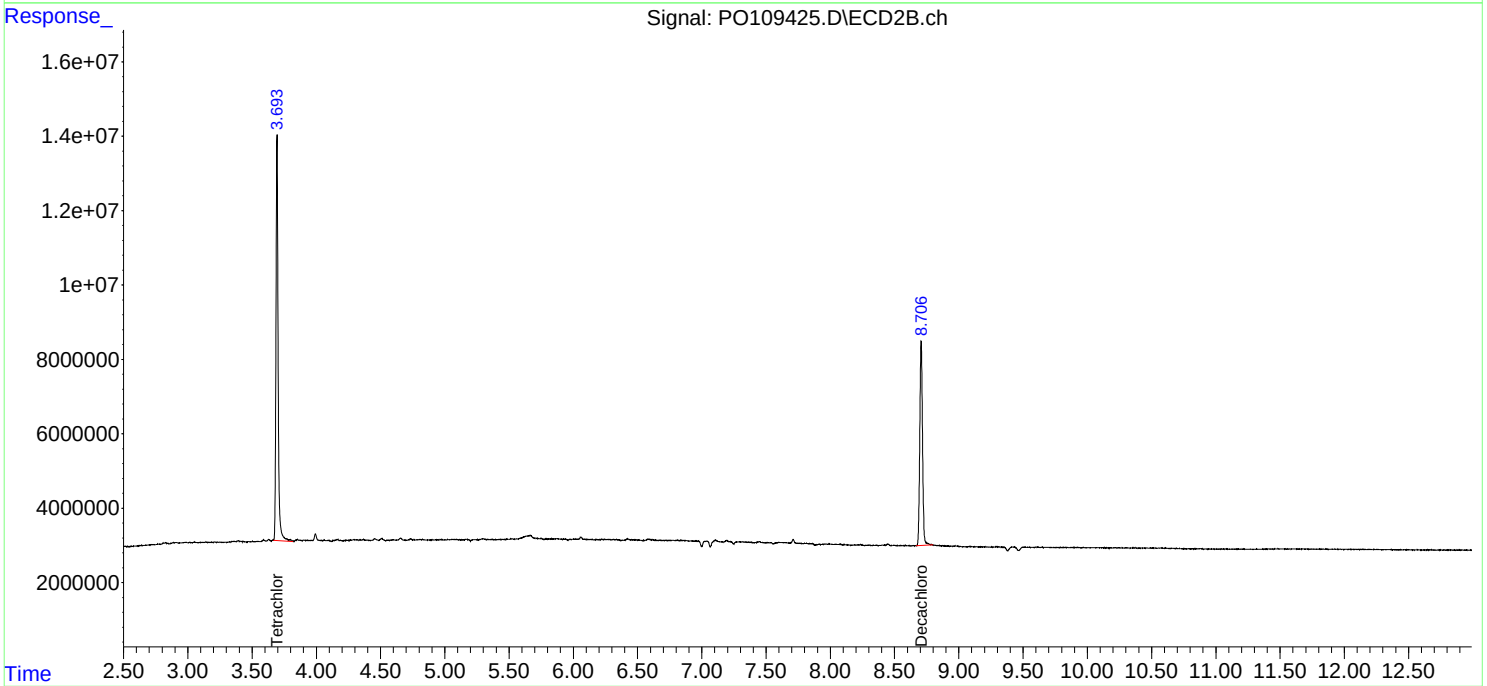
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

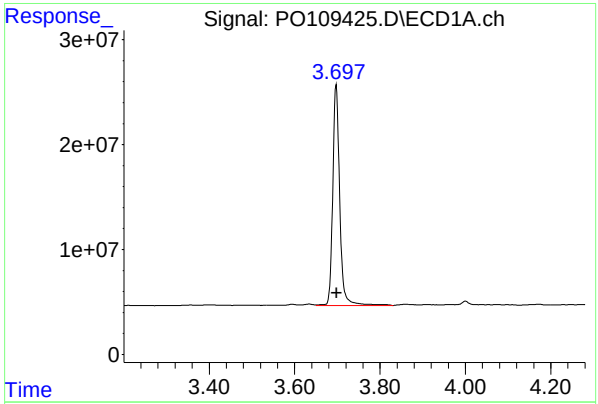
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



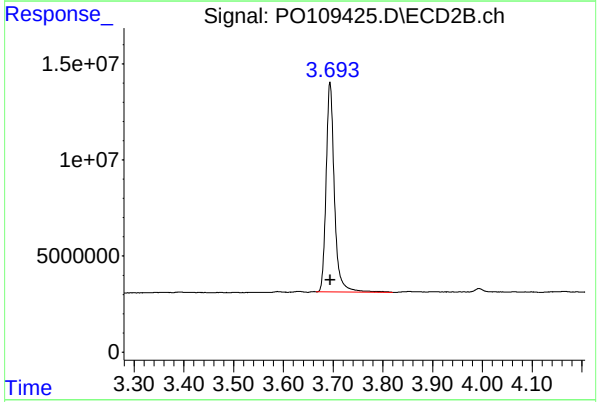




#1 Tetrachloro-m-xylene

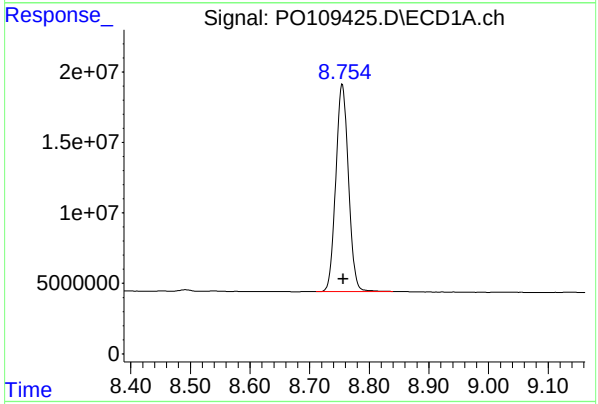
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 238952889
Conc: 25.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



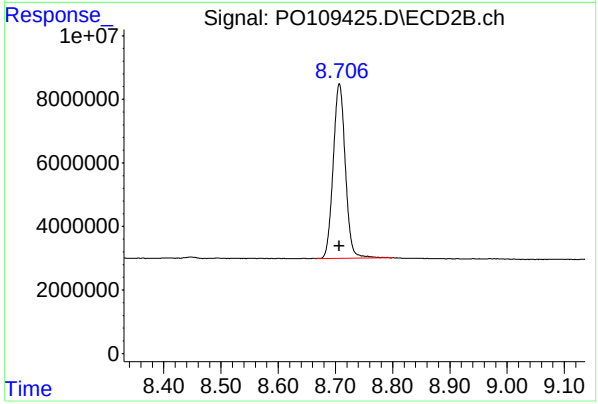
#1 Tetrachloro-m-xylene

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: **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.:	Q1433
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						

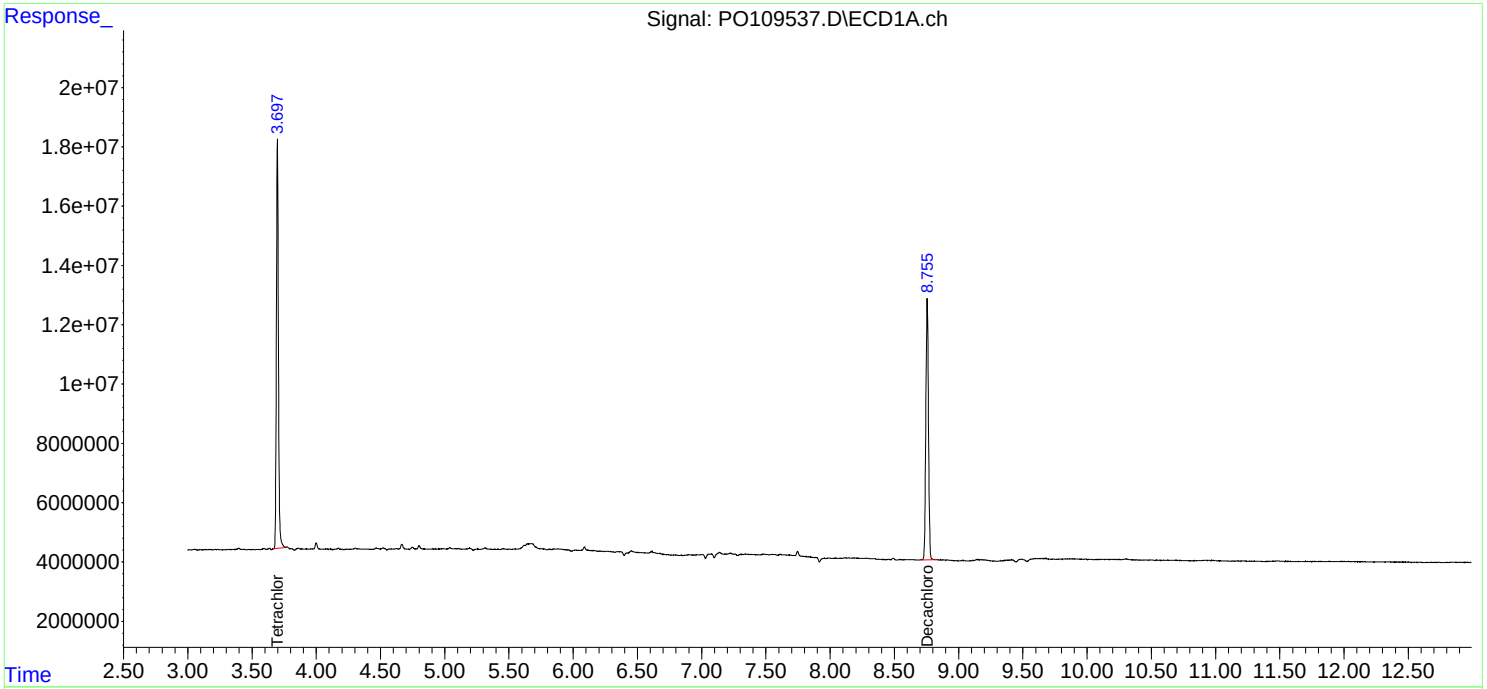
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

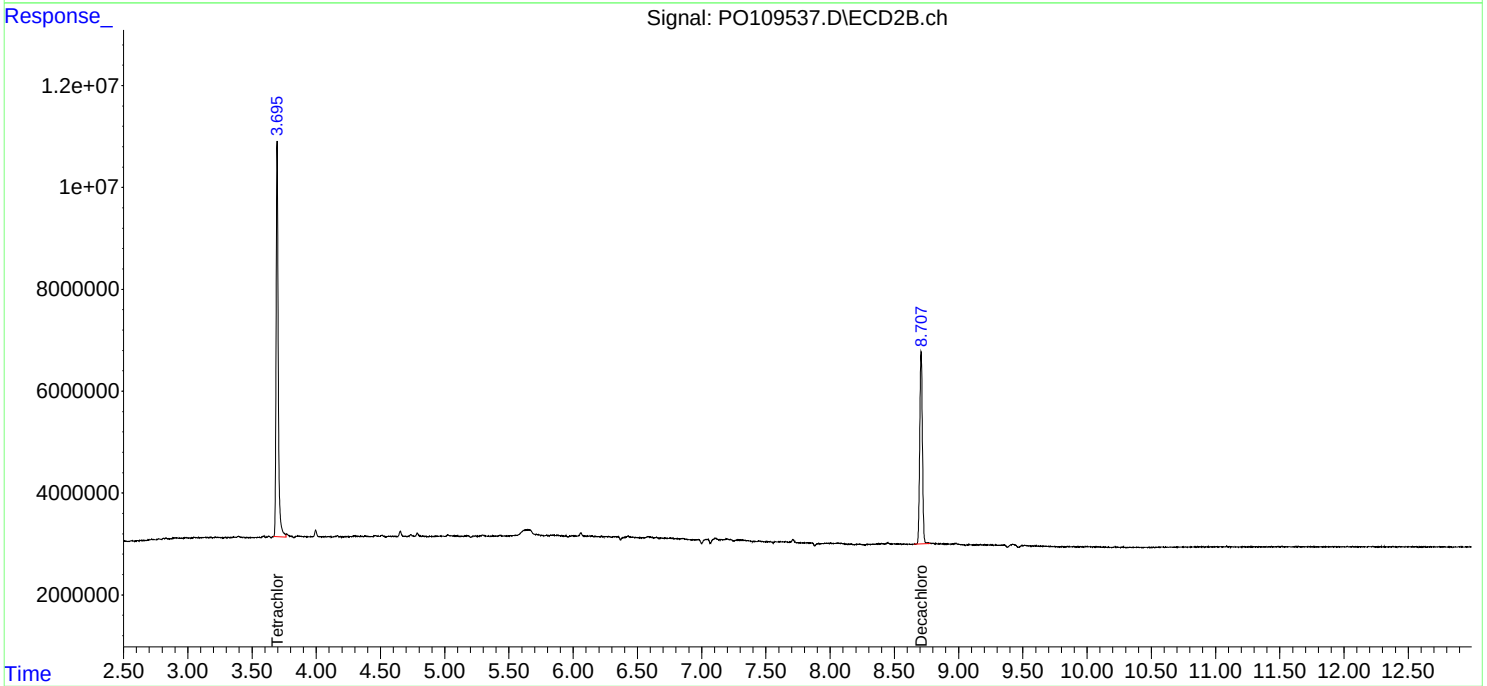
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 20:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

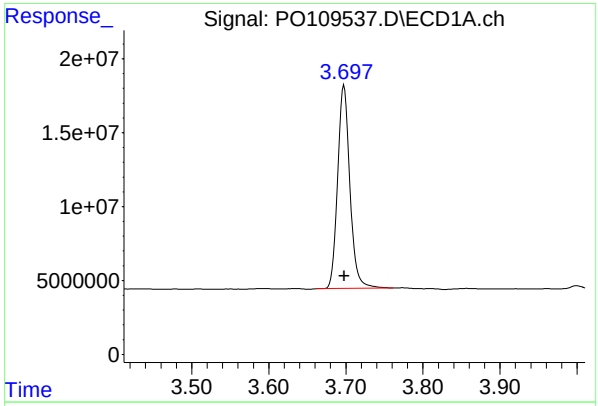
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



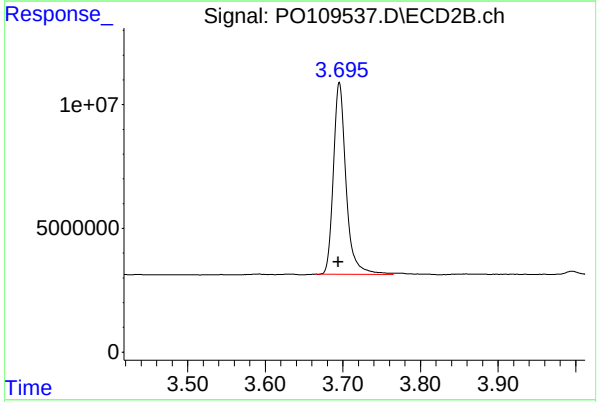




#1 Tetrachloro-m-xylene

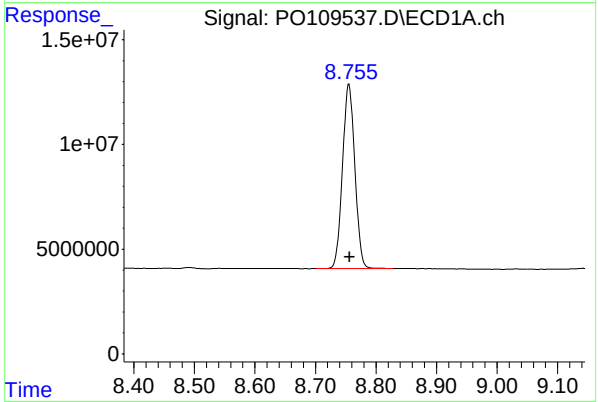
R.T.: 3.698 min
Delta R.T.: 0.000 min
Response: 151460917
Conc: 16.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



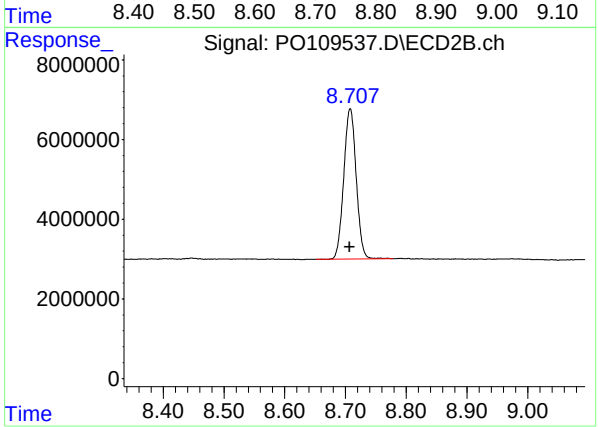
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: 0.002 min
Response: 88555130
Conc: 16.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 125183536
Conc: 14.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: 0.001 min
Response: 53779895
Conc: 16.89 ng/ml

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.:	Q1433
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.

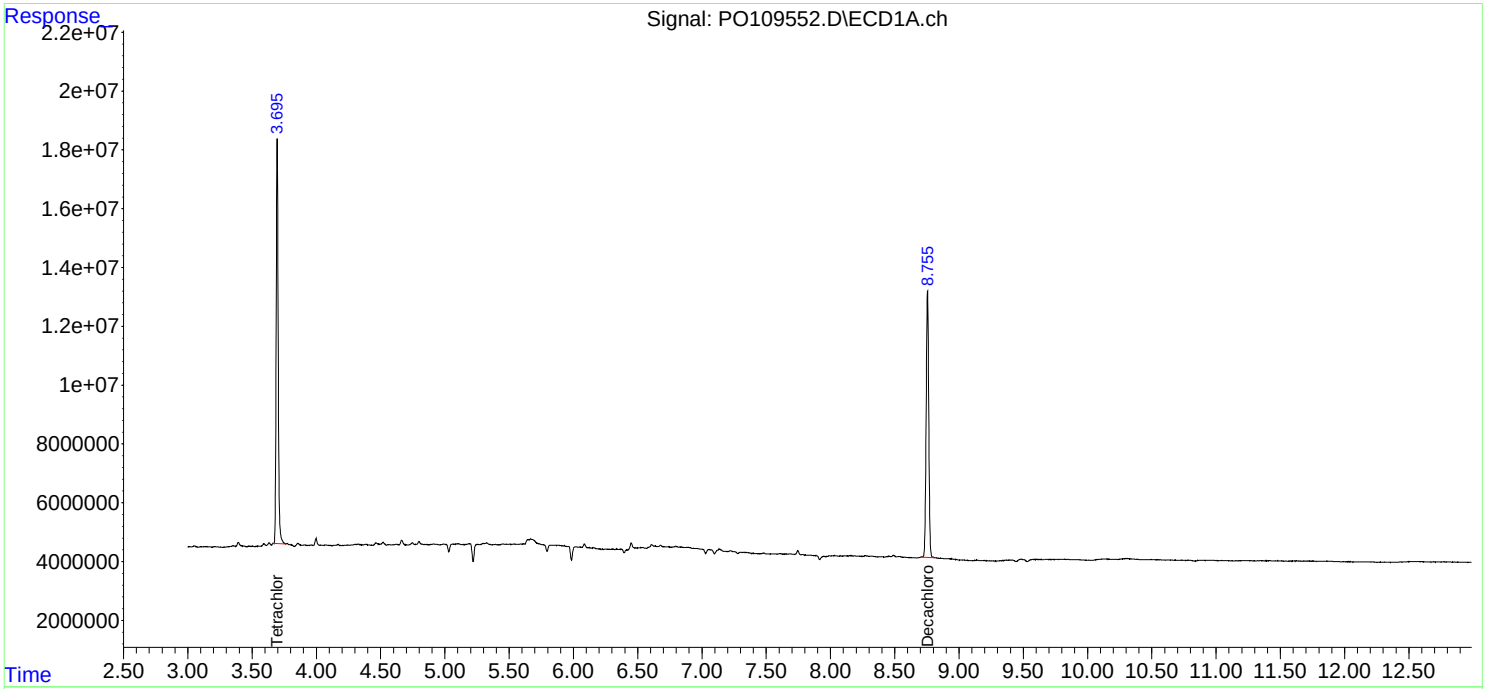
Sample Results: **PO109552.D**

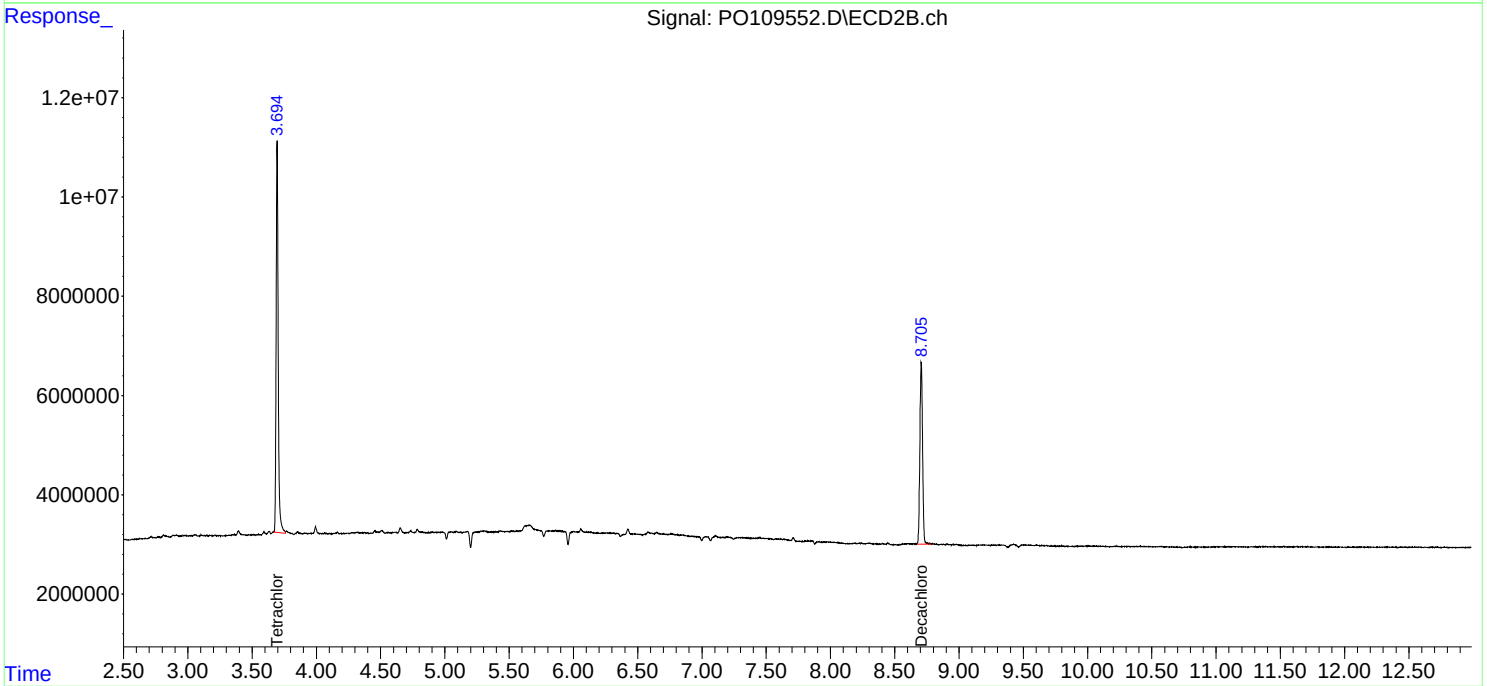
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 01:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

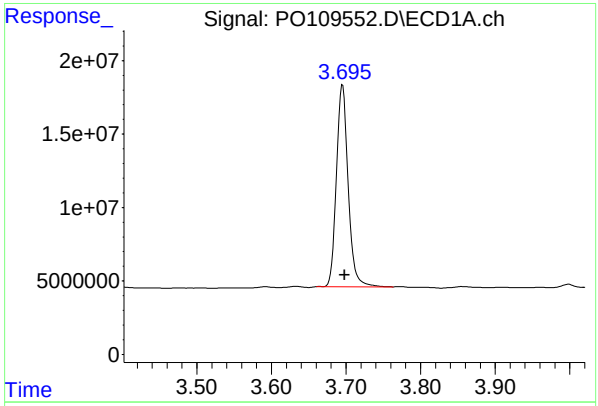
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



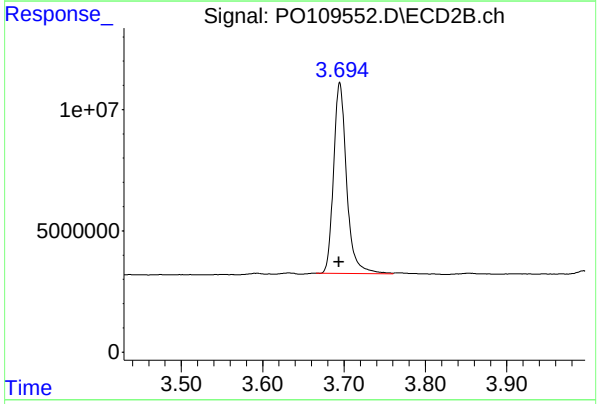




#1 Tetrachloro-m-xylene

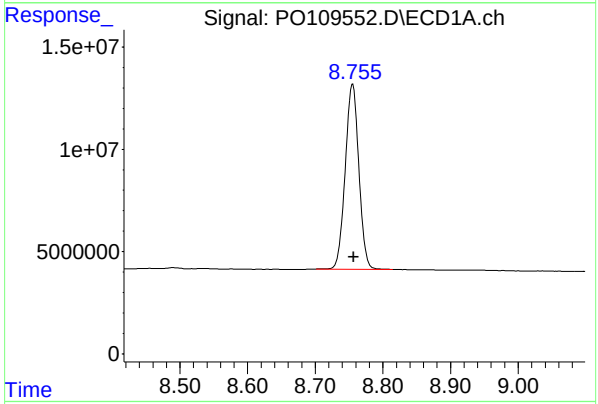
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 150288092
Conc: 15.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



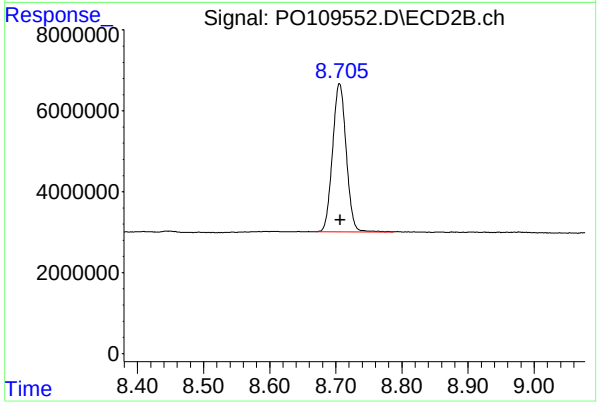
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 87929163
Conc: 16.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 127022765
Conc: 14.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 52659334
Conc: 16.54 ng/ml

Raw Data: **PO109574.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-PO109574.D	SDG No.:	Q1433
Lab Sample ID:	I.BLK-PO109574.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
PO109574.D	1		02/28/25	PO022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.0		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.8		60 - 140	69%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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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: **PO109574.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.696	3.694	151.6E6	89311135	16.012	17.063
2)	SA Decachlor...	8.753	8.706	118.9E6	50599095	13.822m	15.890
	Target Compounds						

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

Sample Results: **PO109574.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

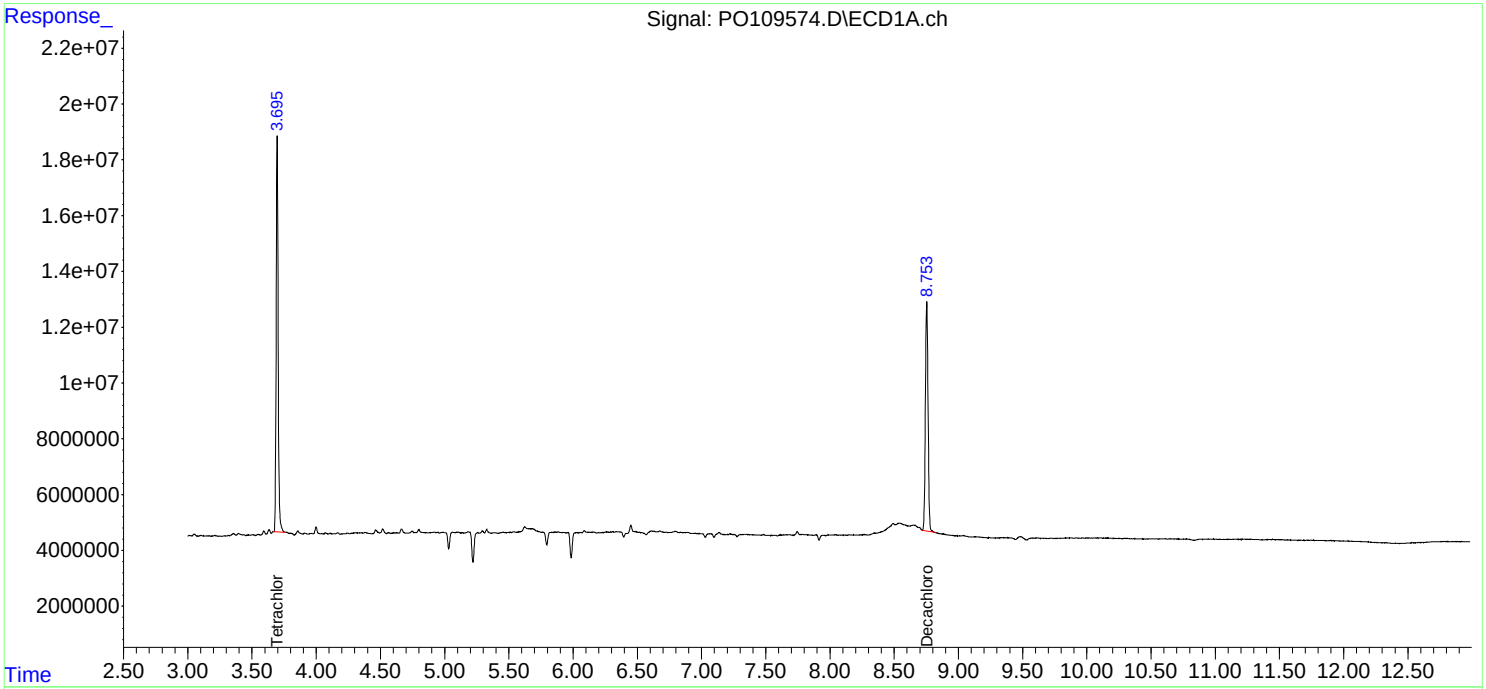
Instrument :
ECD_O
ClientSampleId :
I.BLK

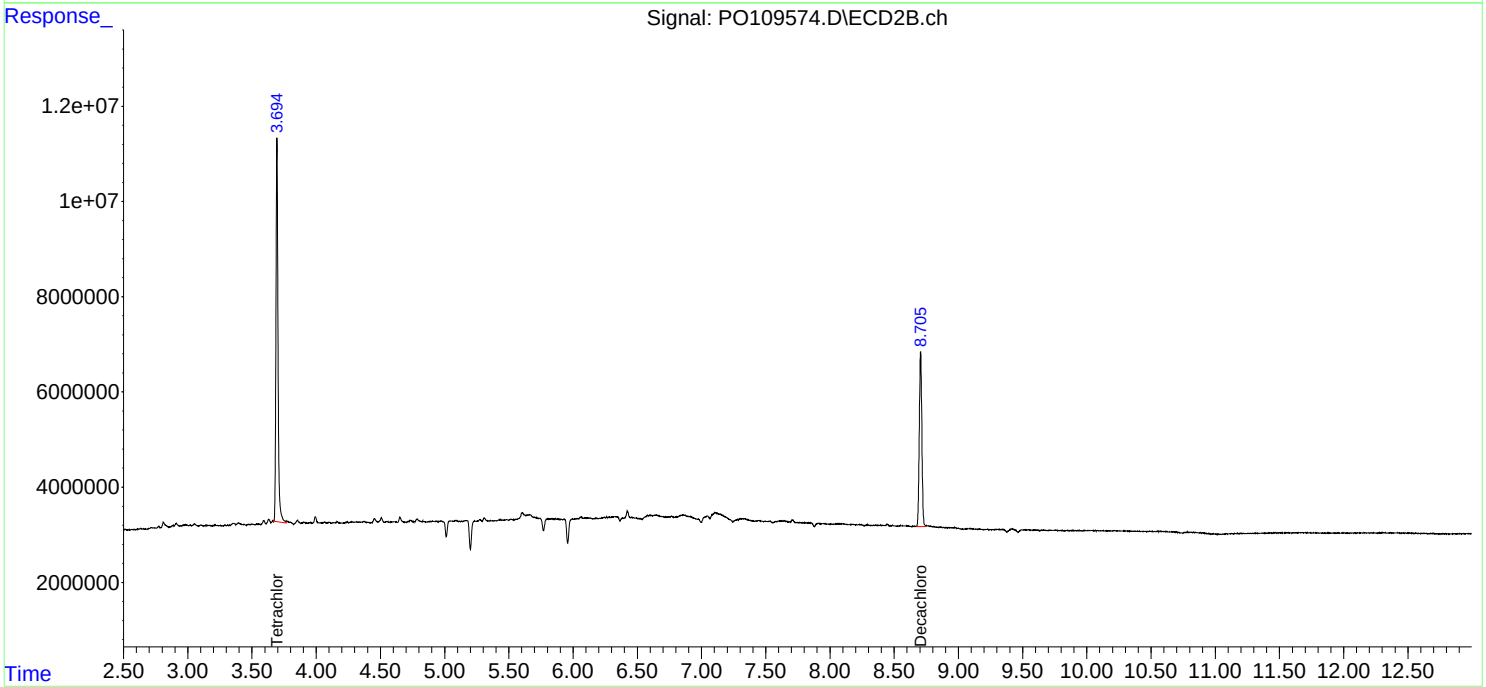
Manual Integrations APPROVED

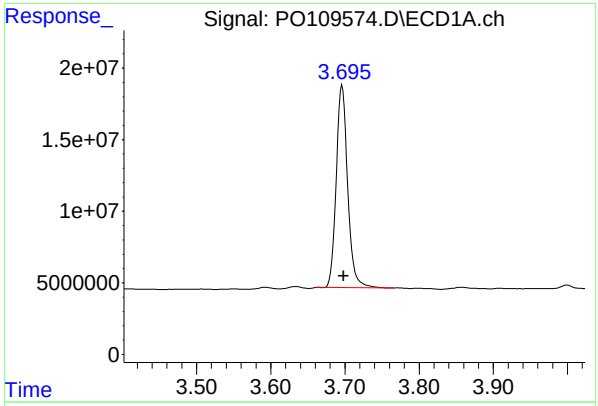
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







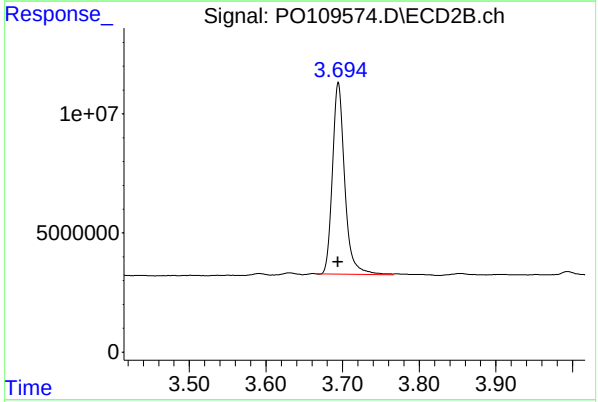
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 mi
Response: 151556961
Conc: 16.01 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK

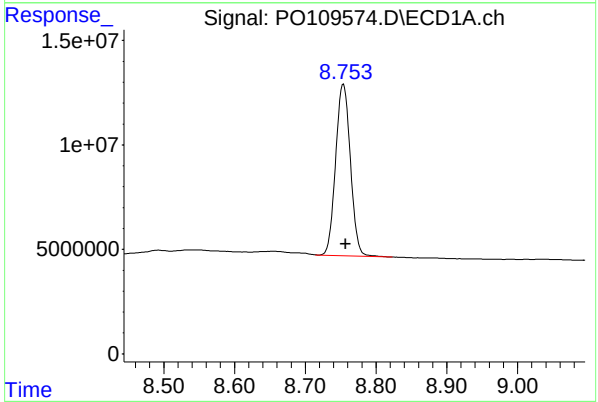
Manual Integrations APPROVED

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



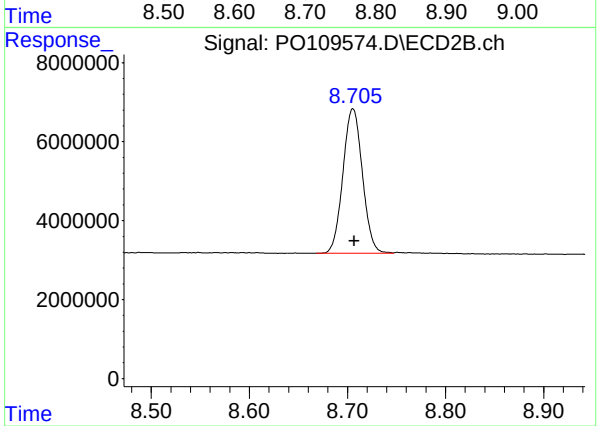
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 89311135
Conc: 17.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 118895631
Conc: 13.82 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 50599095
Conc: 15.89 ng/ml

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.:	Q1433
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						

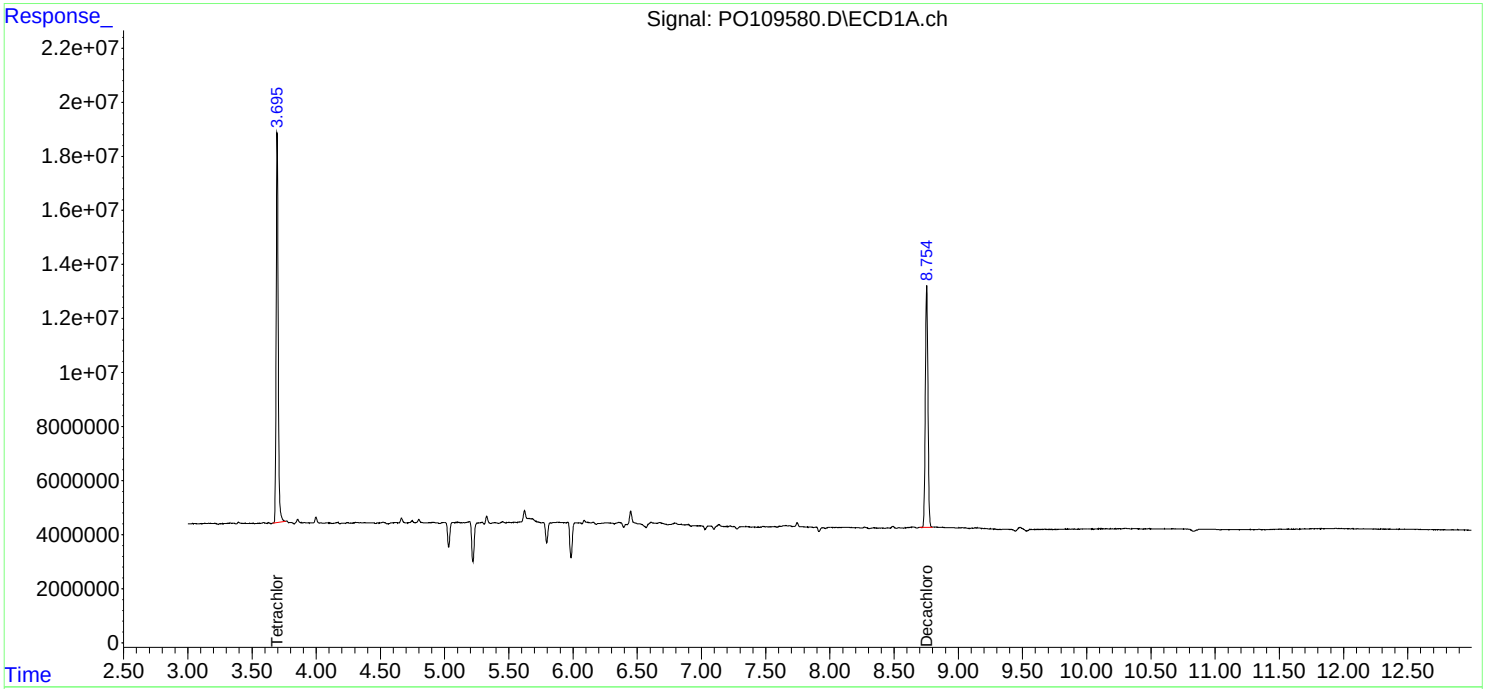
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

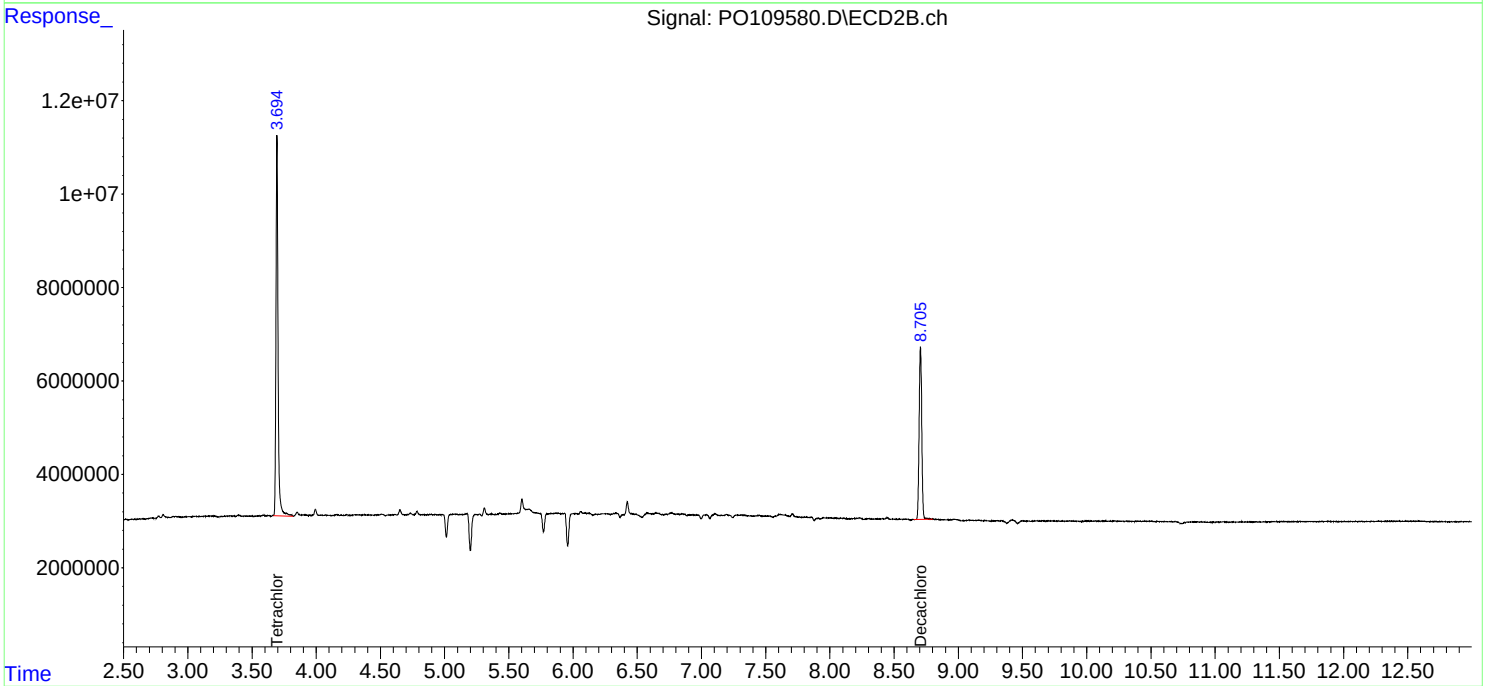
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 11:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

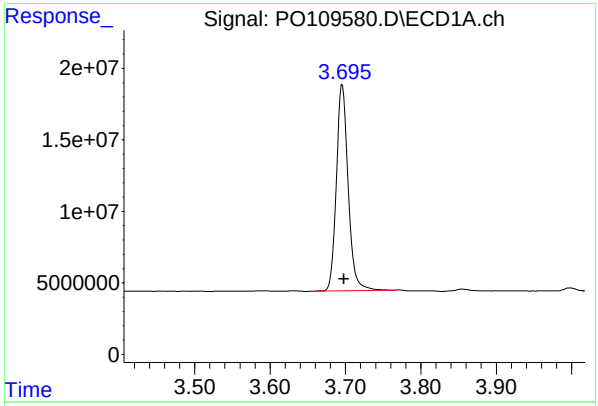
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



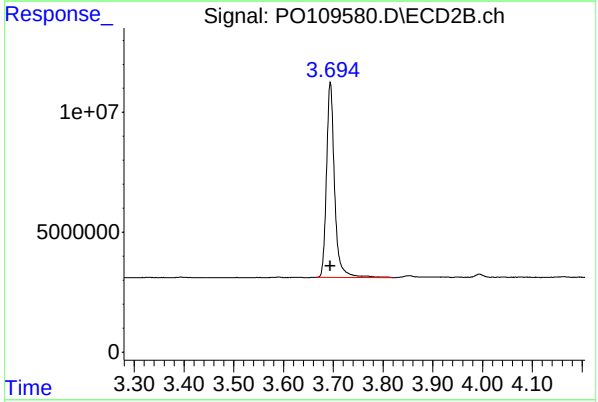




#1 Tetrachloro-m-xylene

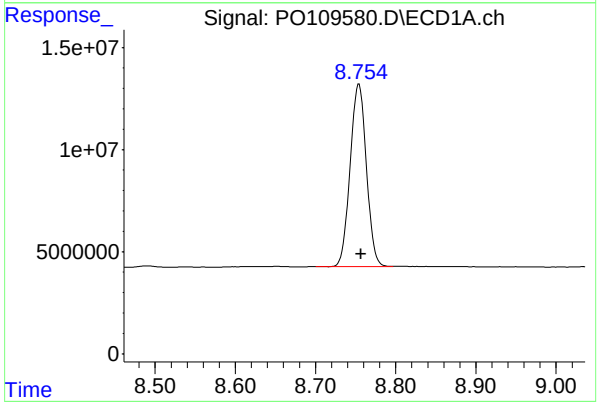
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 156640746
Conc: 16.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



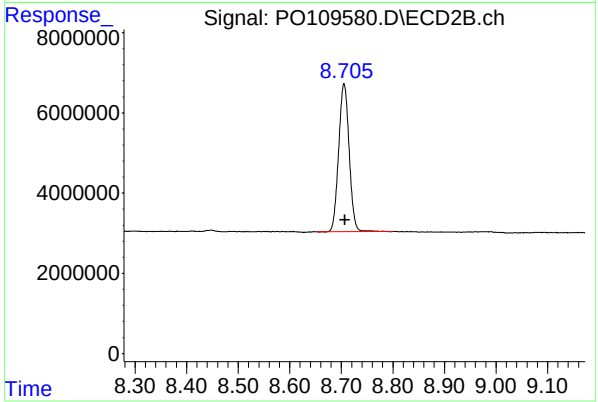
#1 Tetrachloro-m-xylene

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.:	Q1433
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

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						

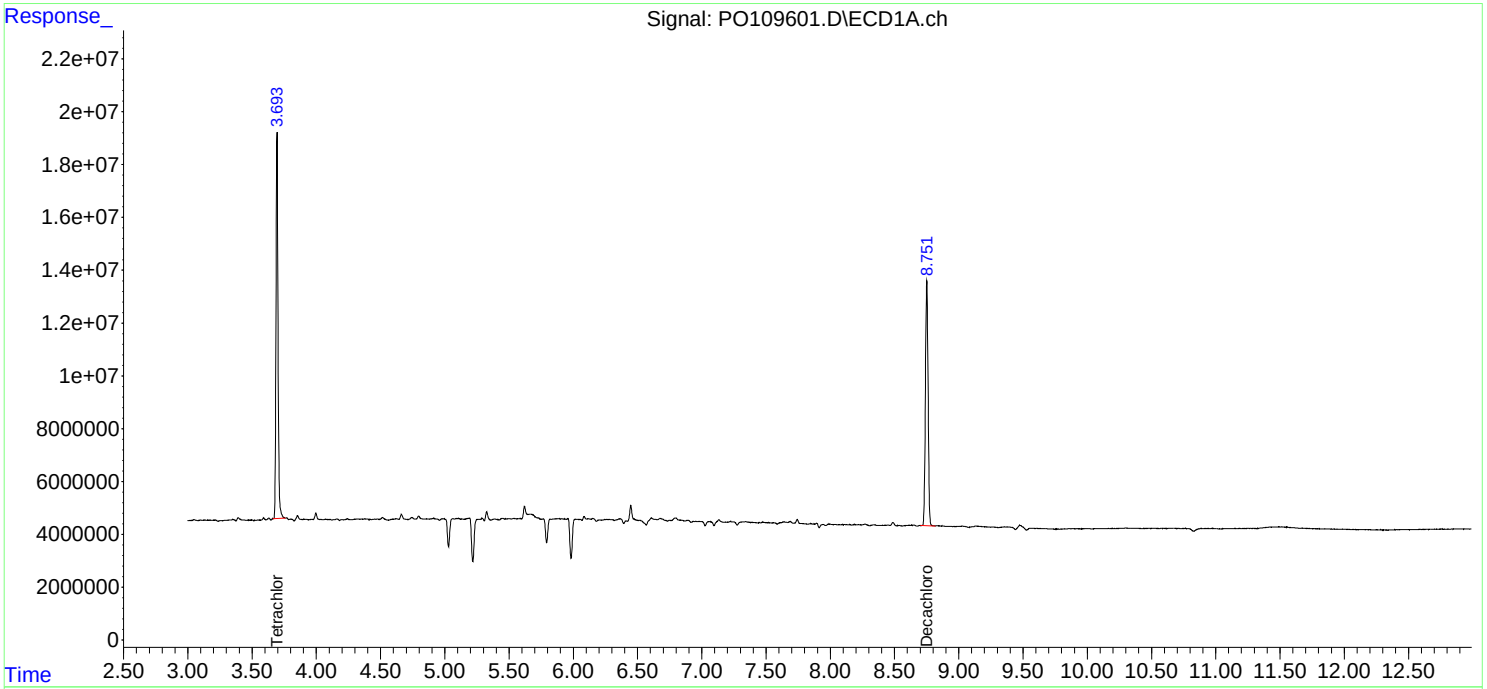
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

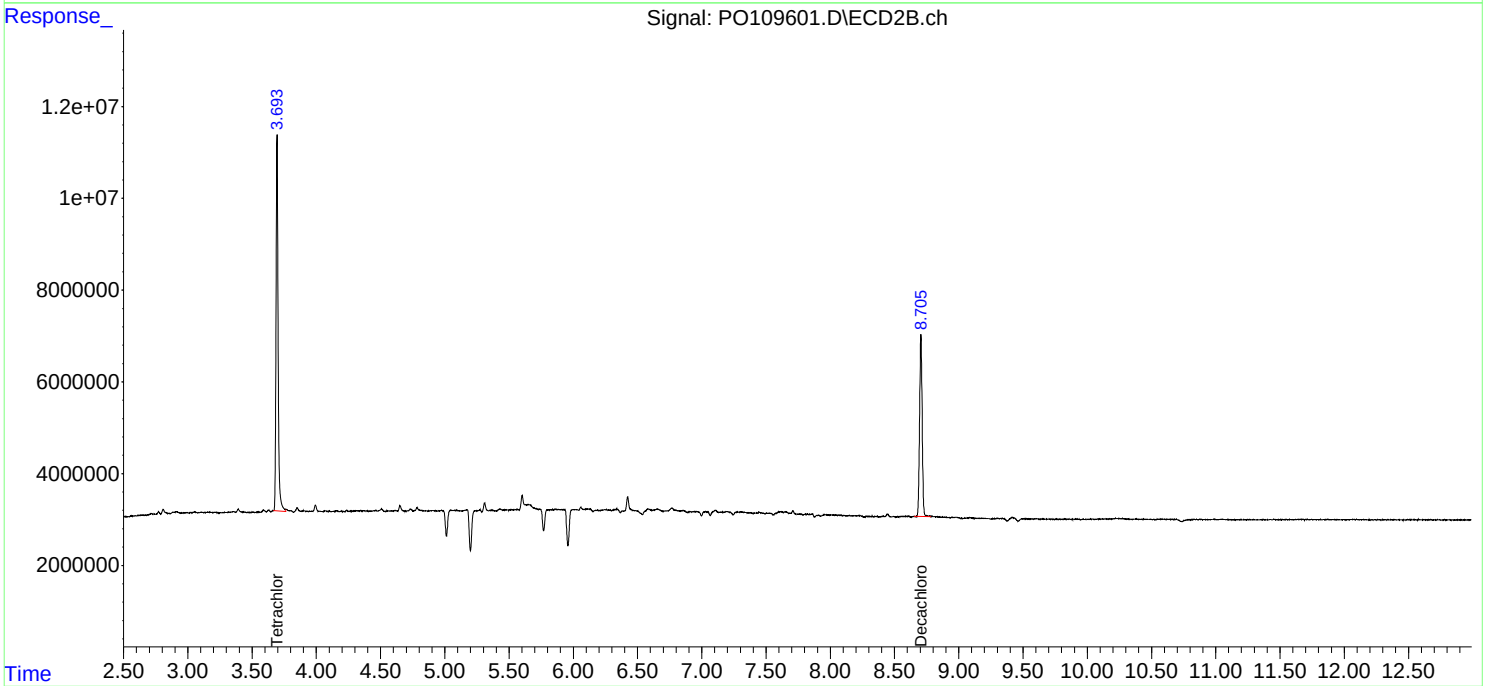
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 19:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

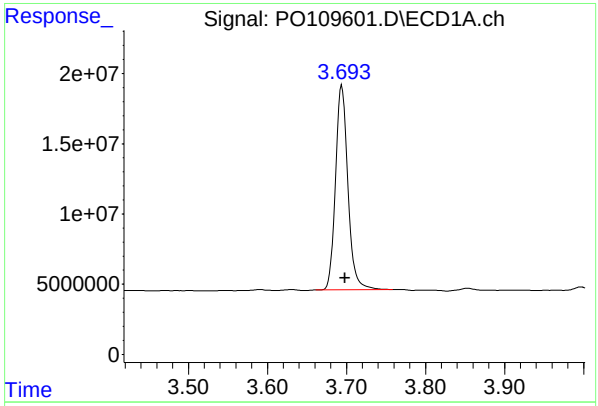
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



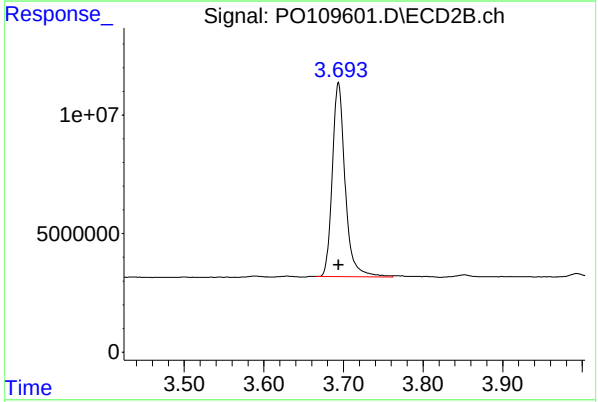




#1 Tetrachloro-m-xylene

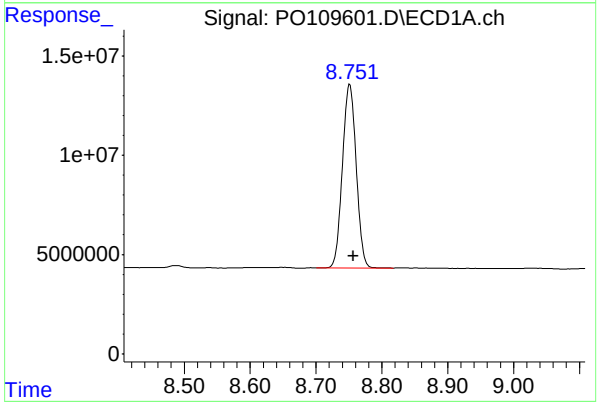
R.T.: 3.694 min
Delta R.T.: -0.004 min
Response: 158585766
Conc: 16.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



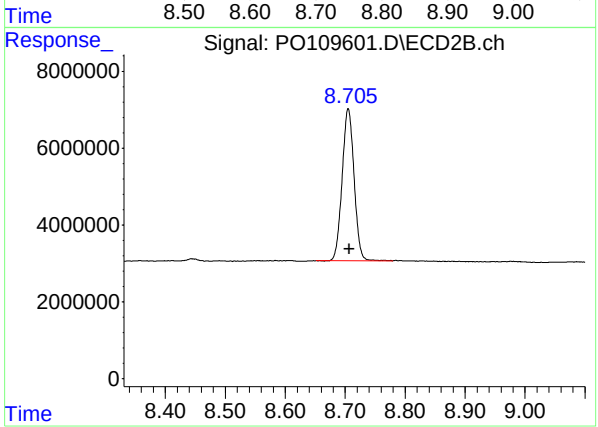
#1 Tetrachloro-m-xylene

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: **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.:	Q1433
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						

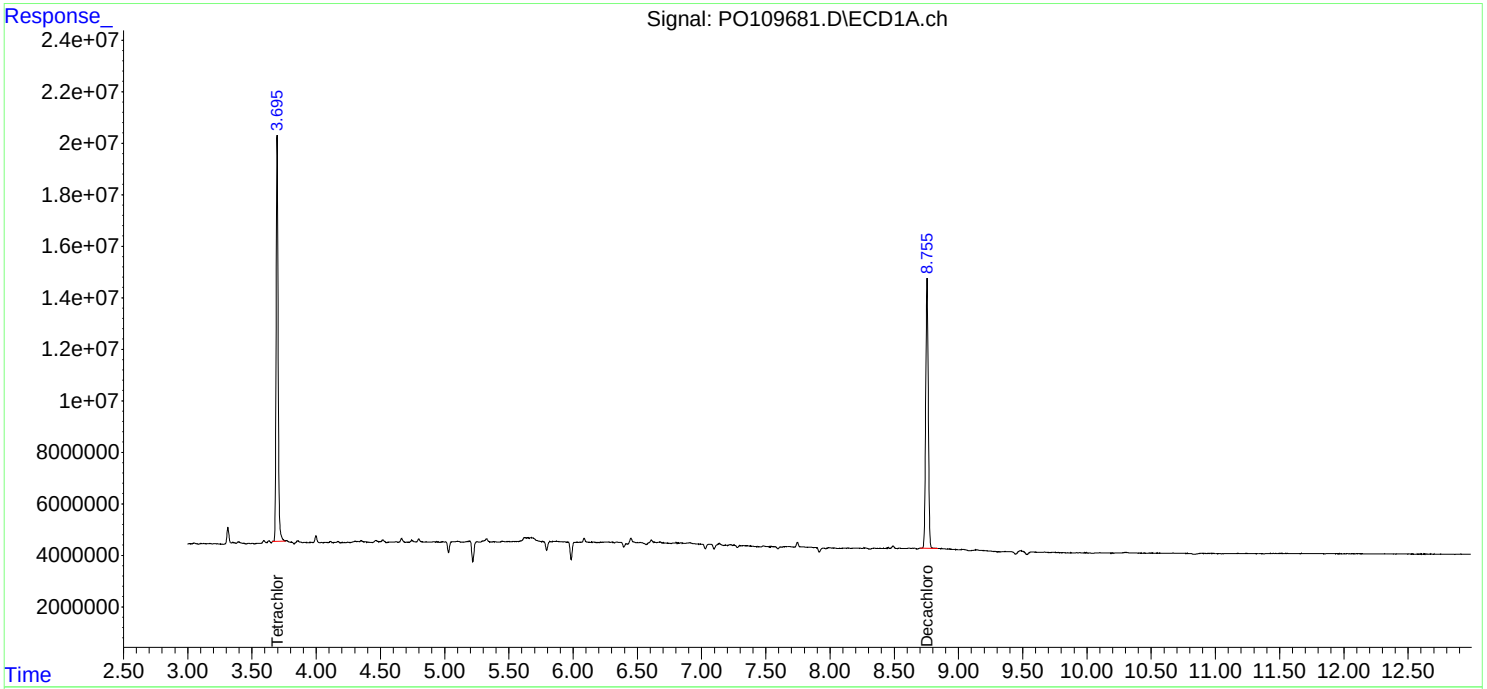
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

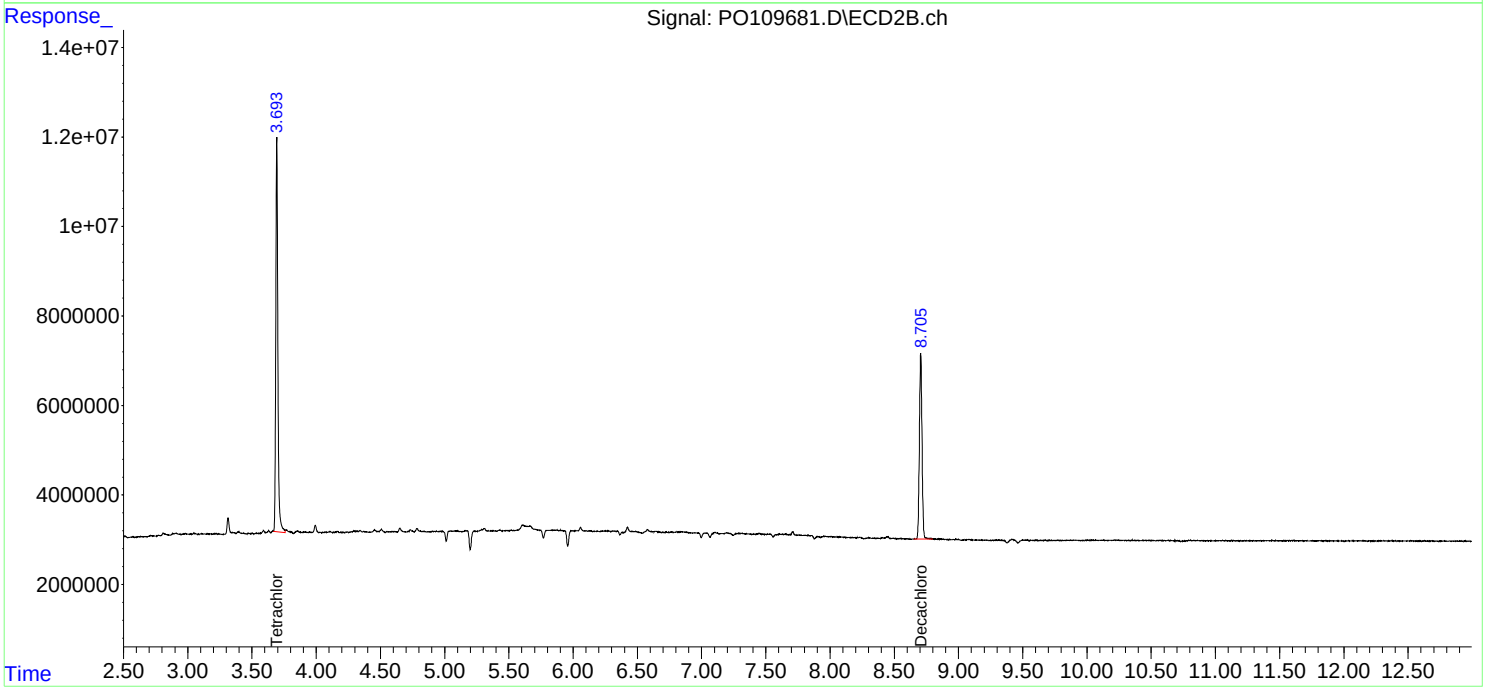
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:09
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

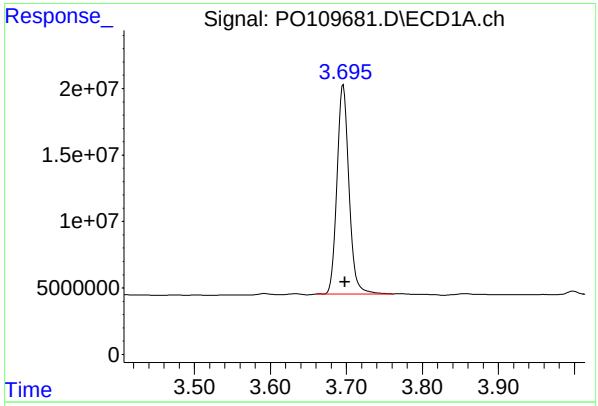
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



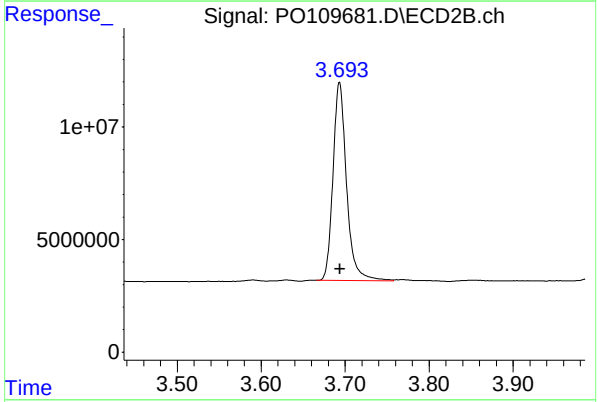




#1 Tetrachloro-m-xylene

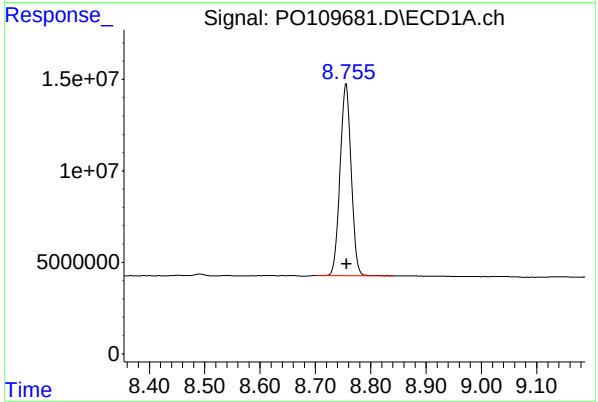
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 170994525
Conc: 18.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



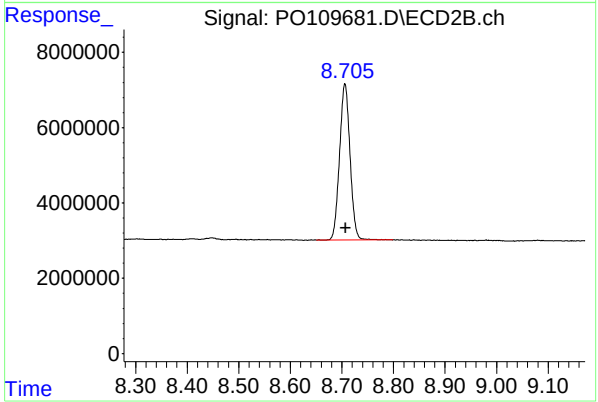
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 99008169
Conc: 18.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 146079199
Conc: 16.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 58515885
Conc: 18.38 ng/ml

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.:	Q1433
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						

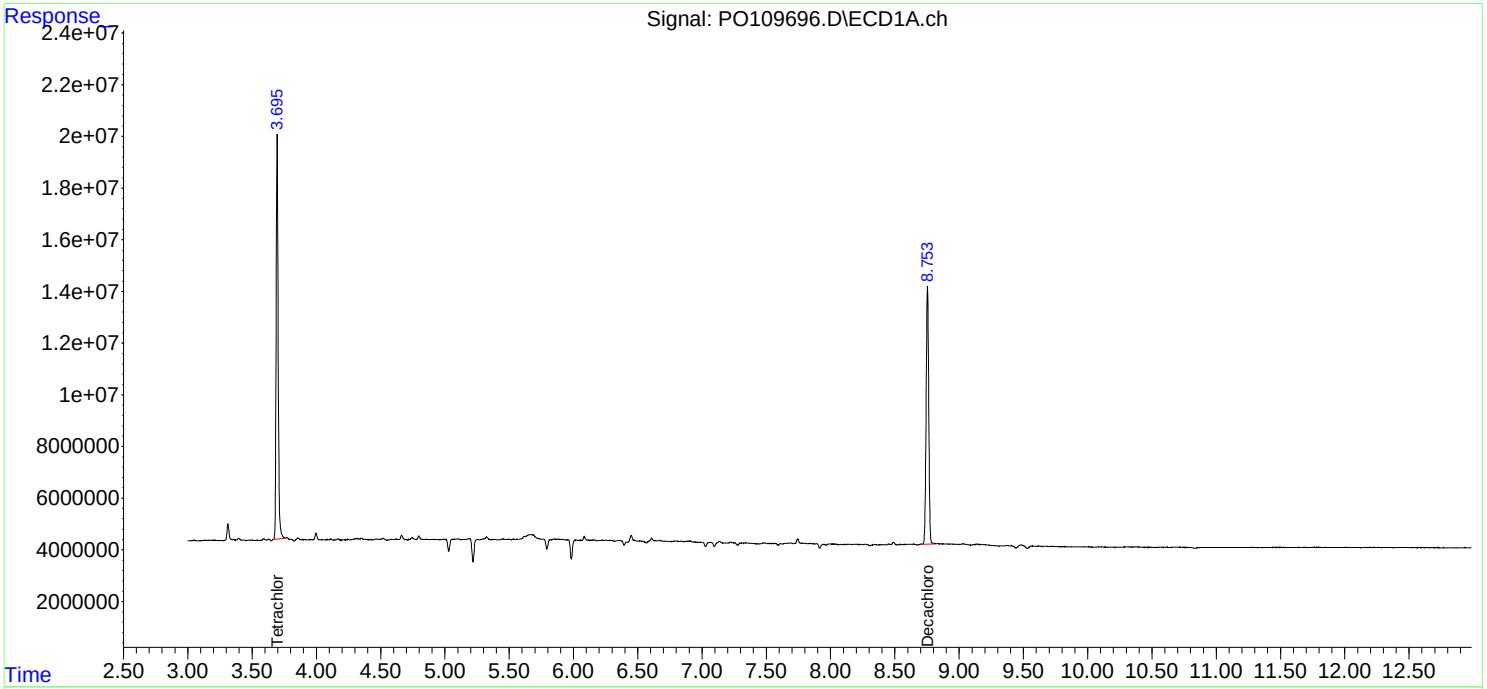
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

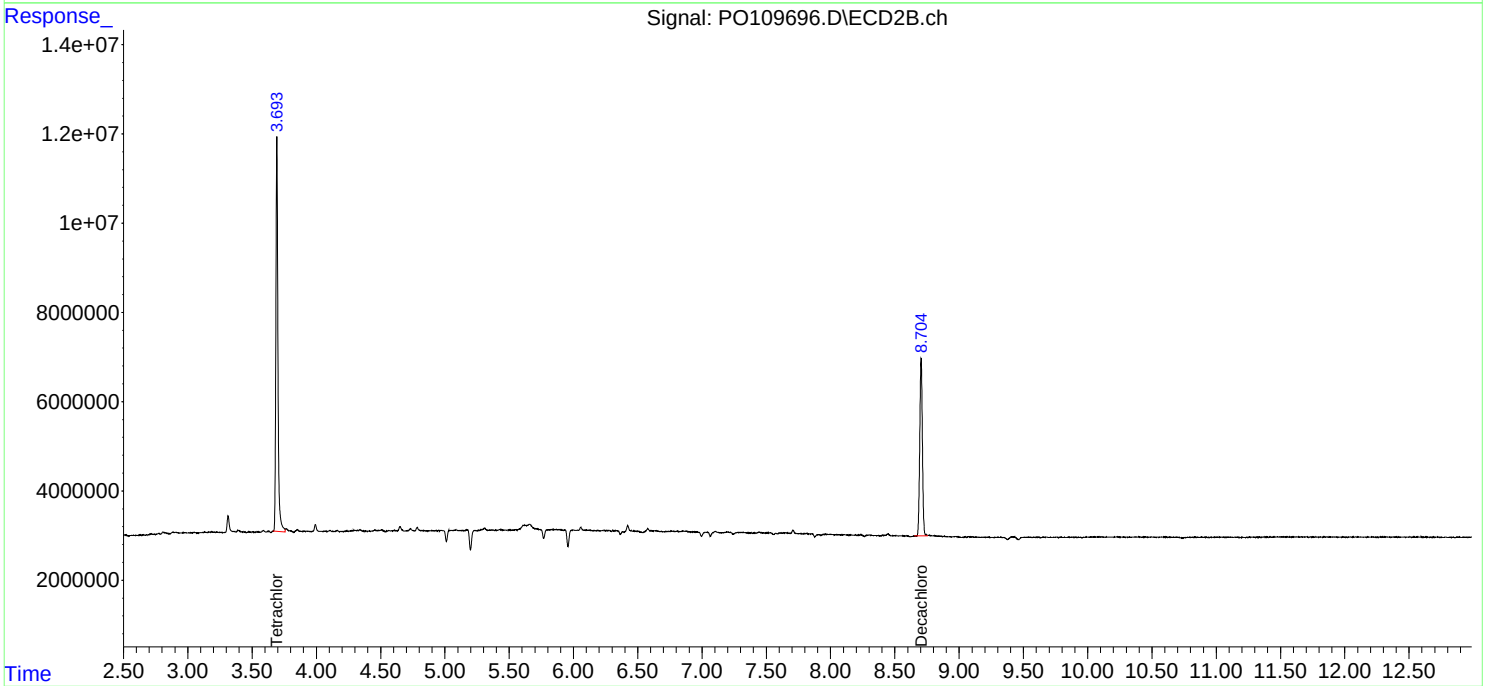
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 06:19
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

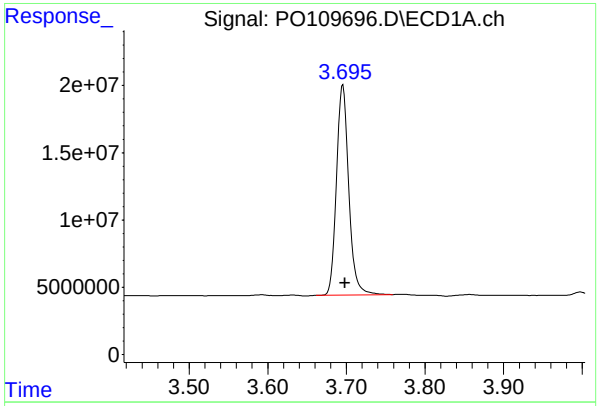
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



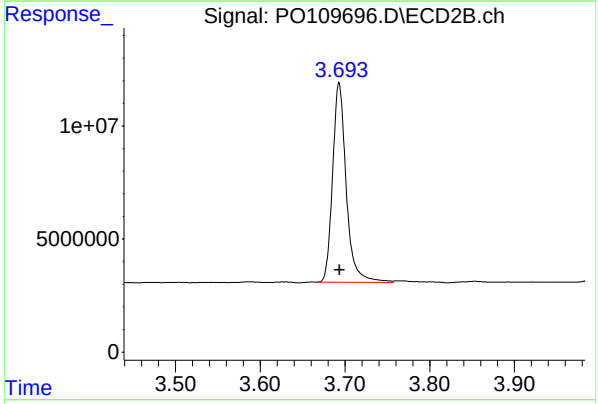




#1 Tetrachloro-m-xylene

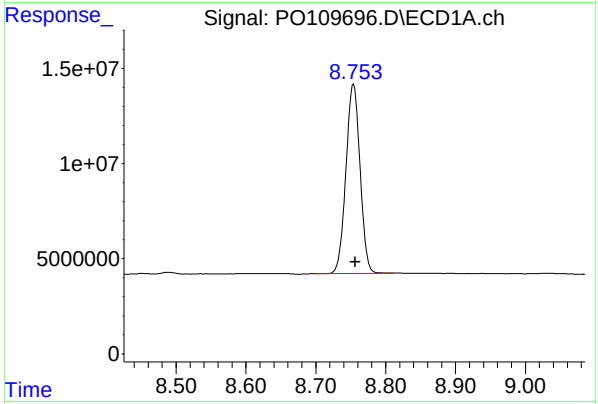
R.T.: 3.695 min
Delta R.T.: -0.003 mi
Response: 169789644
Conc: 17.94 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



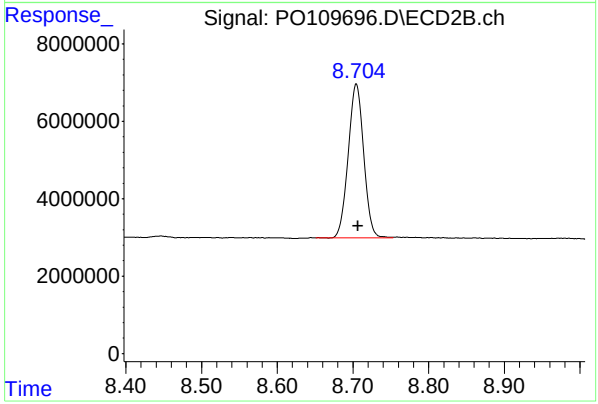
#1 Tetrachloro-m-xylene

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.:	Q1433
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.

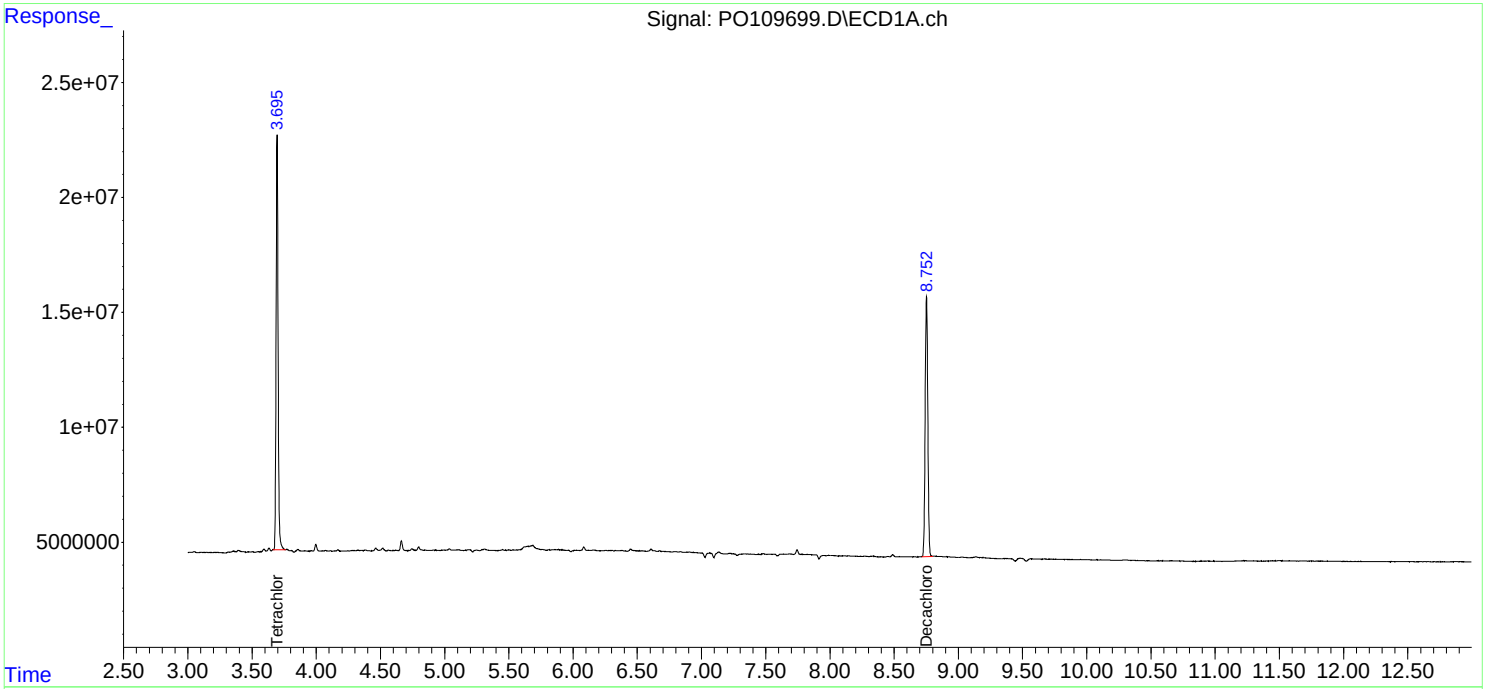
Sample Results: **PO109699.D**

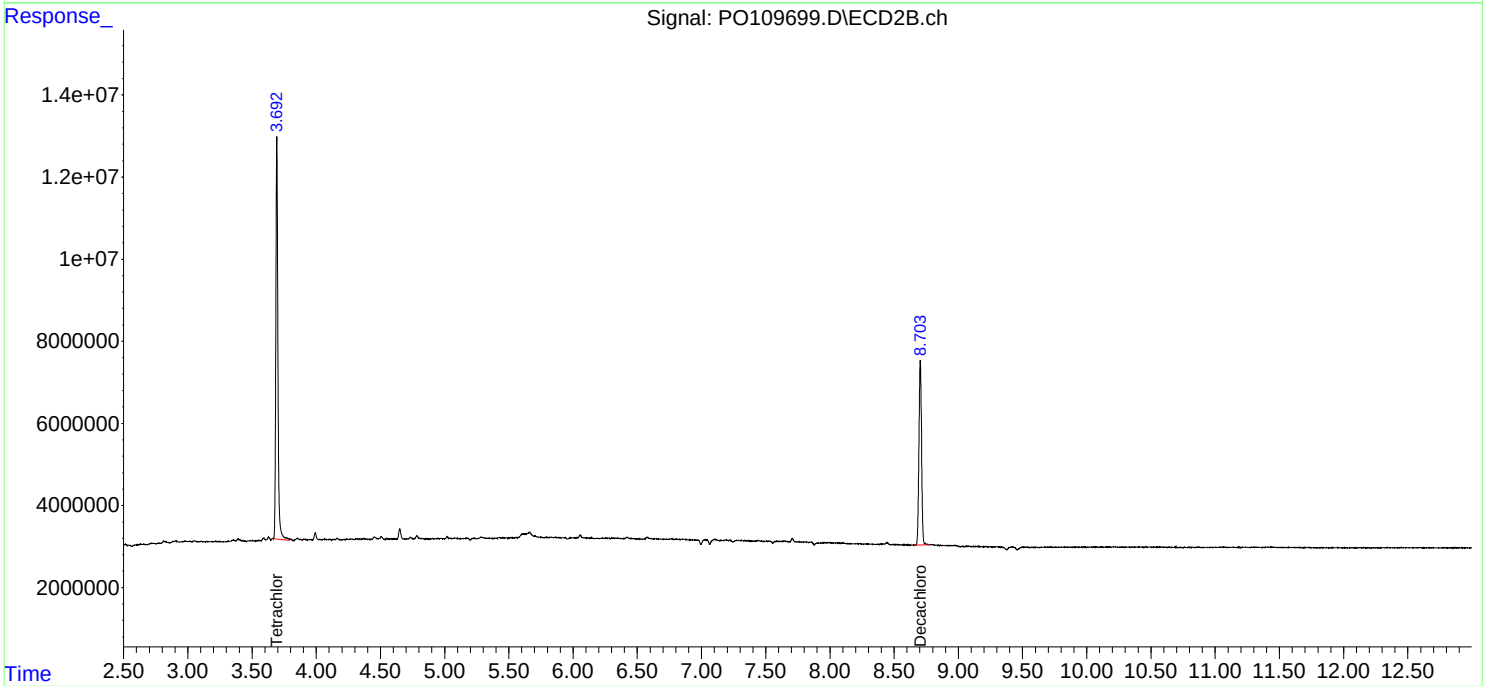
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:17
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

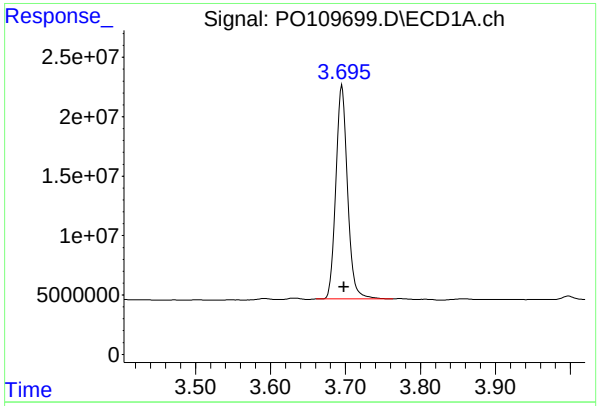
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



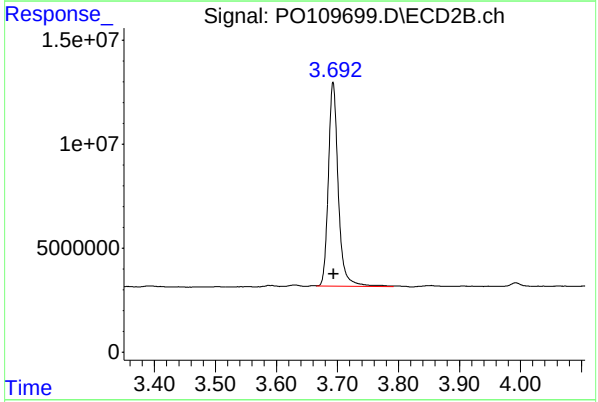




#1 Tetrachloro-m-xylene

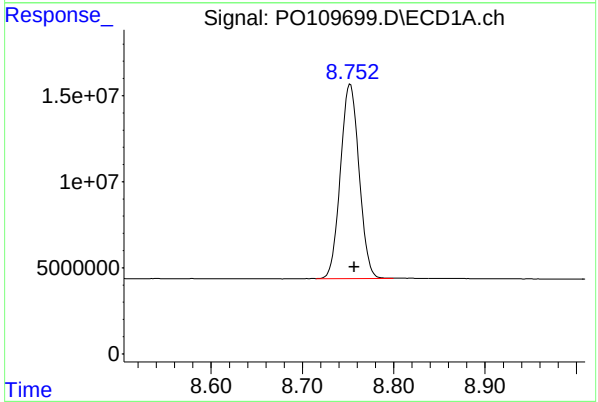
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 194753958
Conc: 20.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



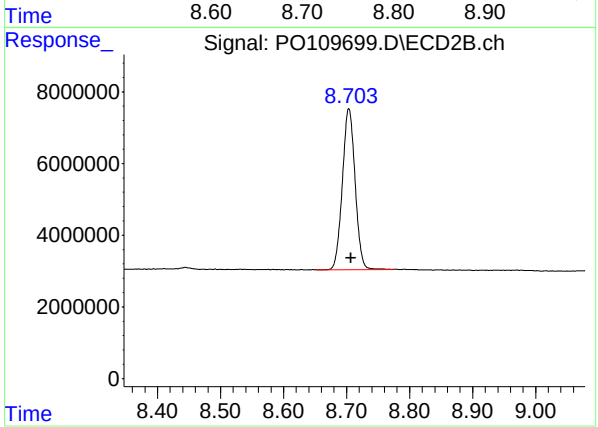
#1 Tetrachloro-m-xylene

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.:	Q1433
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						

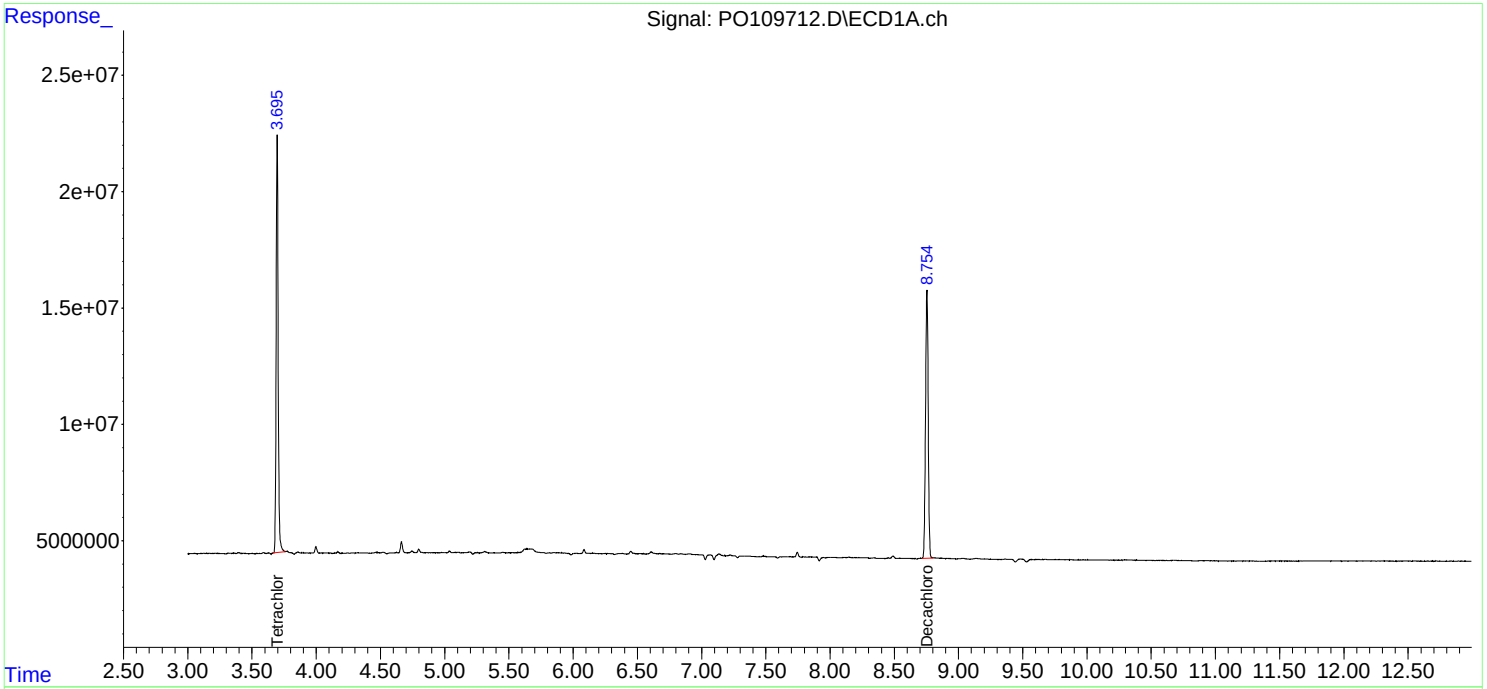
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

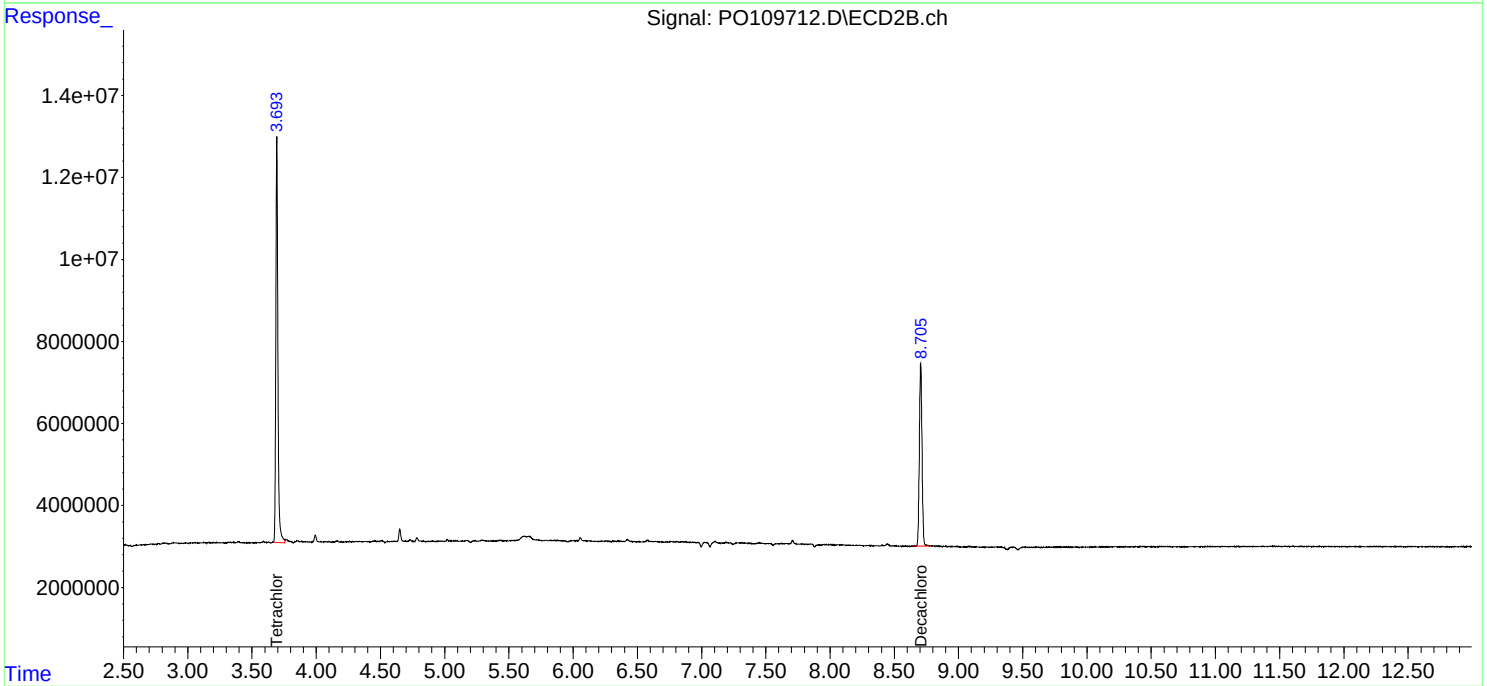
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:42
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

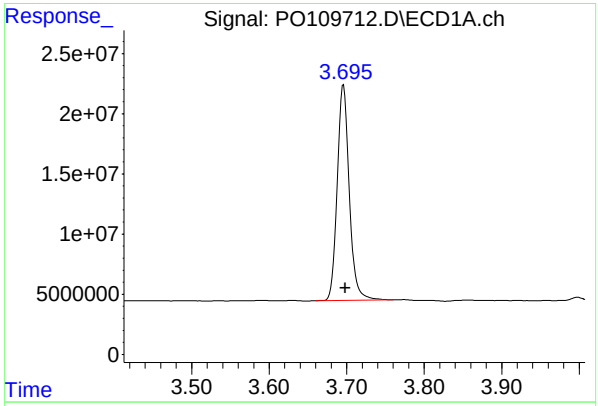
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



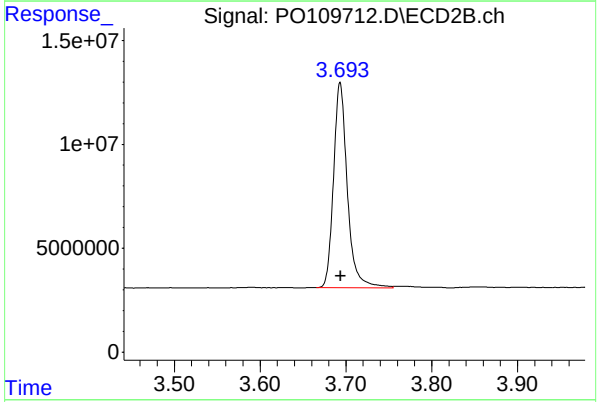




#1 Tetrachloro-m-xylene

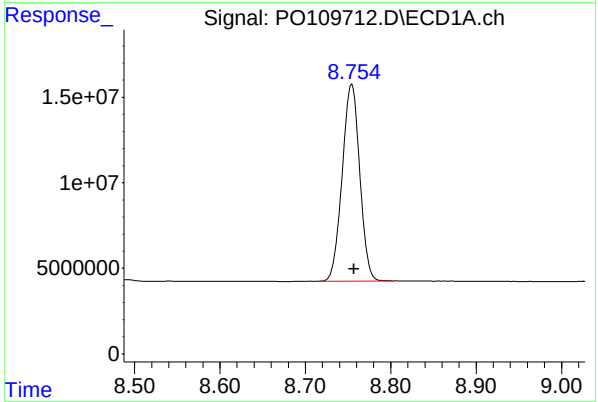
R.T.: 3.696 min
Delta R.T.: -0.002 mi
Response: 193866438
Conc: 20.48 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



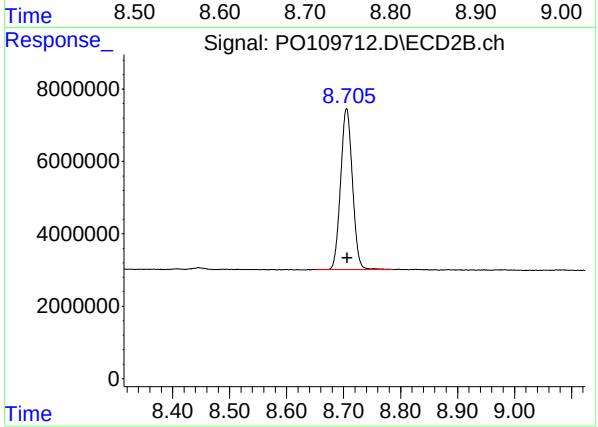
#1 Tetrachloro-m-xylene

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: **PO109794.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:	03/11/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/11/25
Client Sample ID:	PIBLK-PO109794.D	SDG No.:	Q1433
Lab Sample ID:	I.BLK-PO109794.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
PO109794.D	1		03/11/25	PO031125

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	22.3		60 - 140	111%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO109794.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:28
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: Mar 11 21:35:54 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	210.8E6	120.2E6	22.272	22.960
2)	SA Decachlor...	8.752	8.703	162.8E6	64163163	18.927	20.150
	Target Compounds						

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

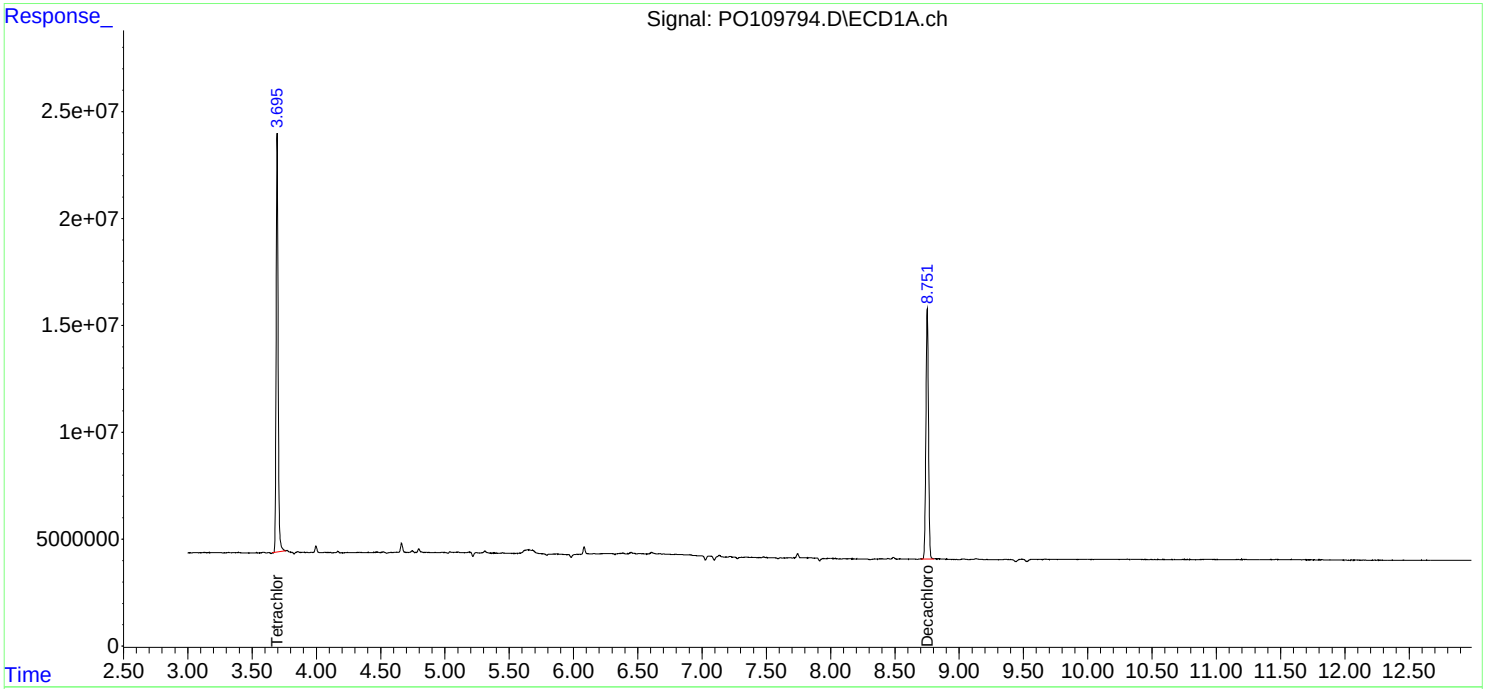
Sample Results: **PO109794.D**

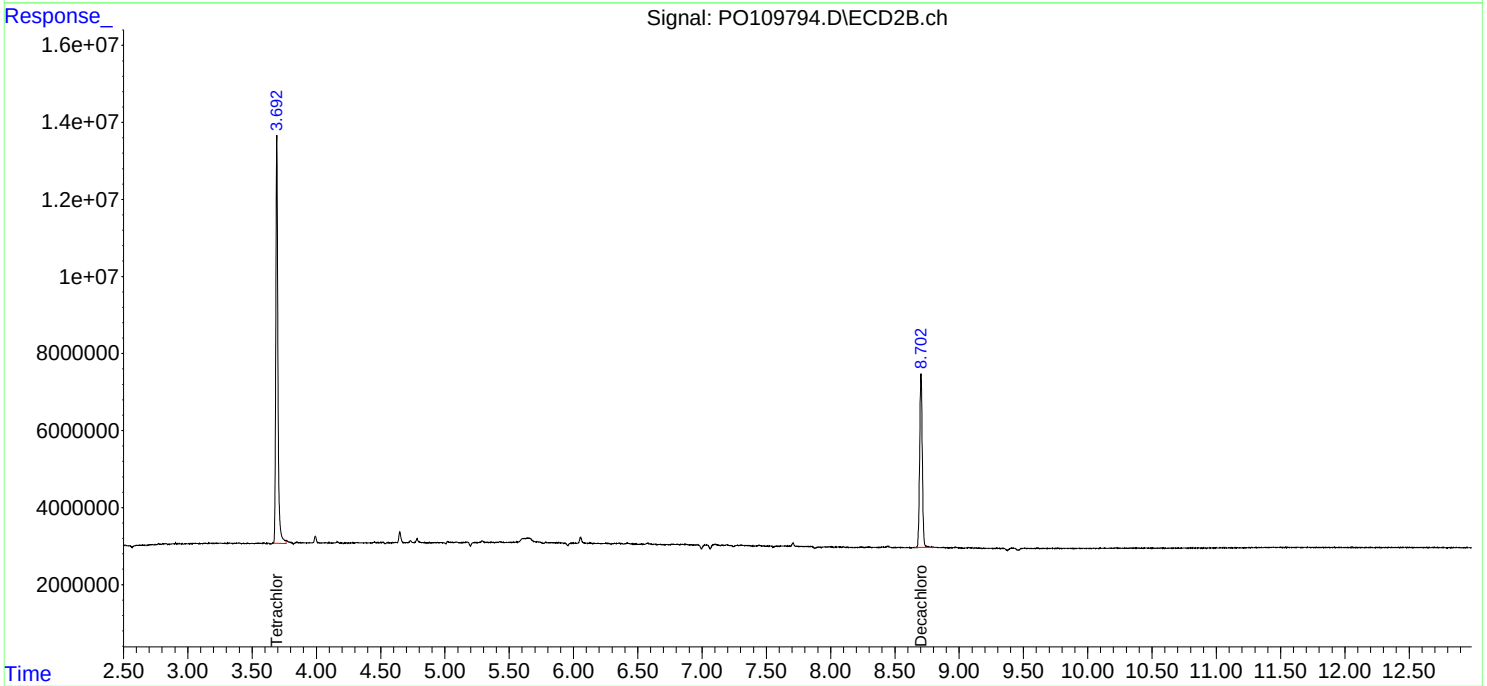
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

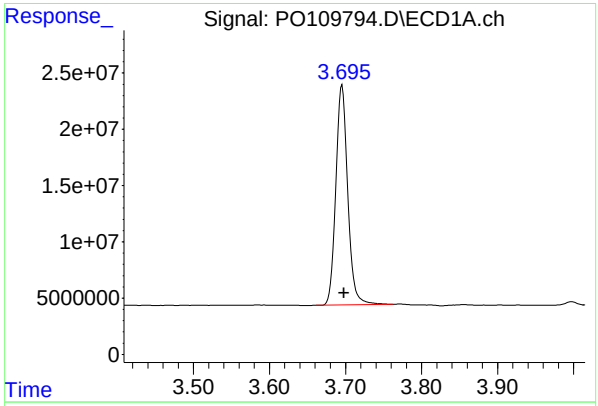
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 21:35:54 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



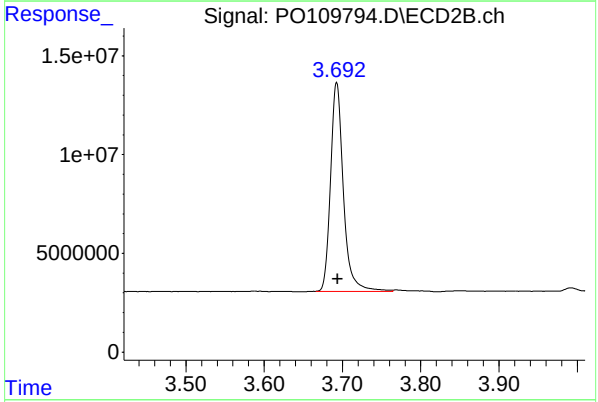




#1 Tetrachloro-m-xylene

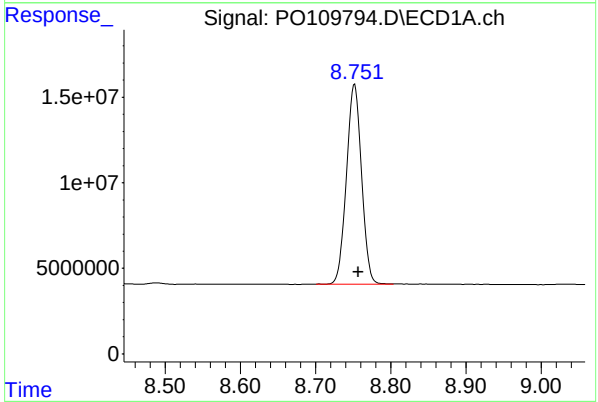
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 210806210
Conc: 22.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



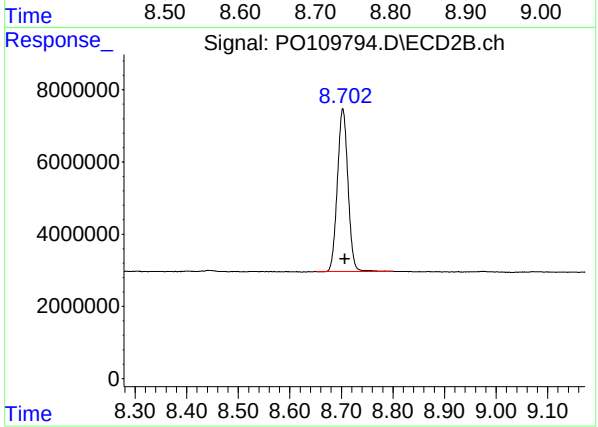
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 120176287
Conc: 22.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 162808732
Conc: 18.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: -0.004 min
Response: 64163163
Conc: 20.15 ng/ml

Raw Data: **PO109809.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:	03/11/25
Project:	K084-SCA PCBs NYC - 2022SCA421	Date Received:	03/11/25
Client Sample ID:	PIBLK-PO109809.D	SDG No.:	Q1433
Lab Sample ID:	I.BLK-PO109809.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
PO109809.D	1		03/11/25	PO031125

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	22.2		60 - 140	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 140	99%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:01
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 12 00:00:51 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	210.1E6	119.0E6	22.198	22.737
2)	SA Decachlor...	8.752	8.702	171.0E6	66291536	19.884	20.819
	Target Compounds						

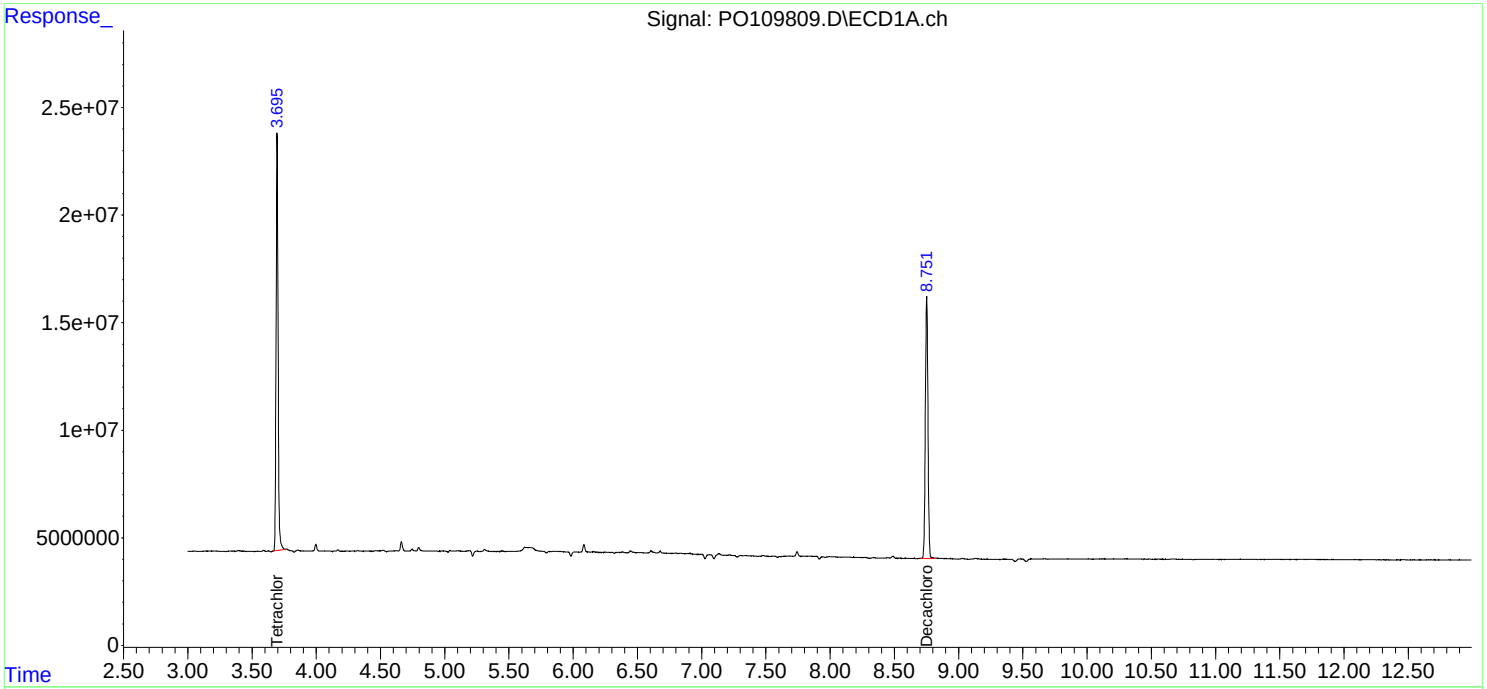
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

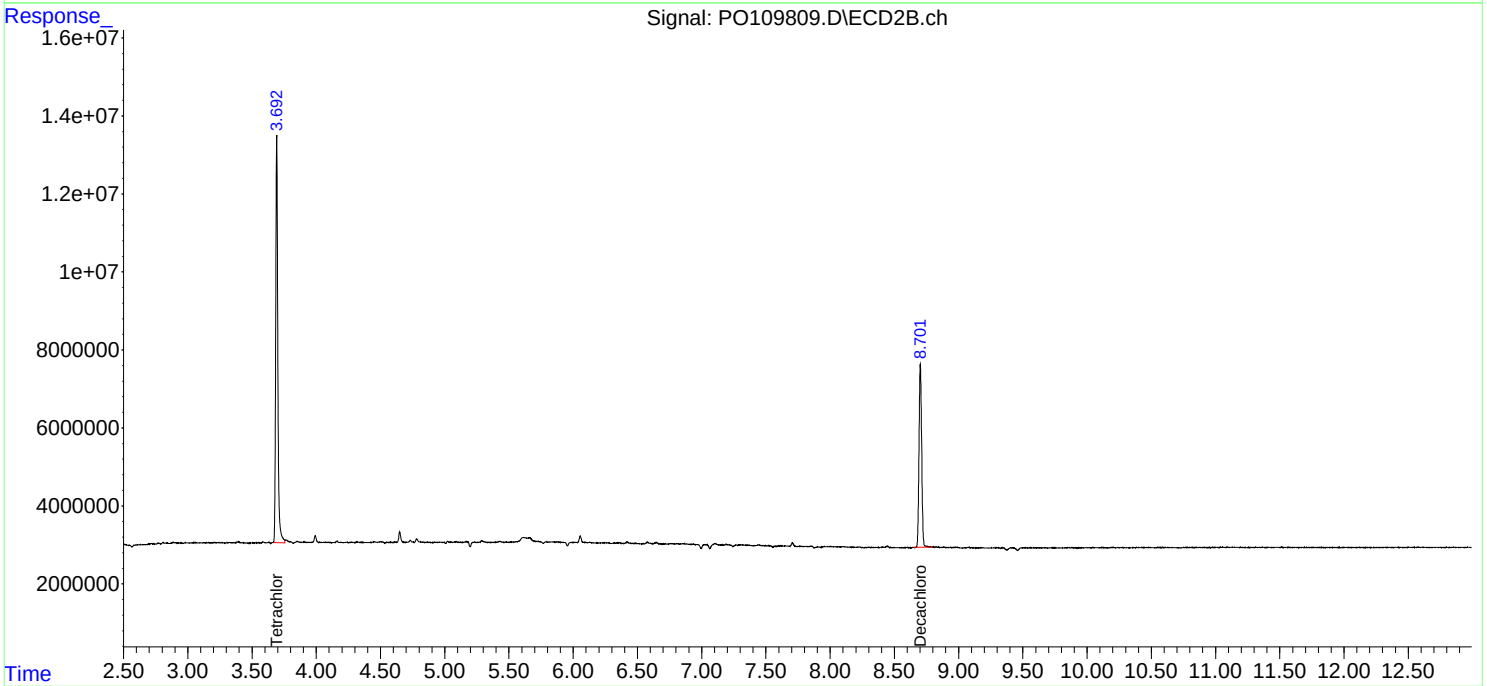
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031125\
Data File : PO109809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 23:01
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

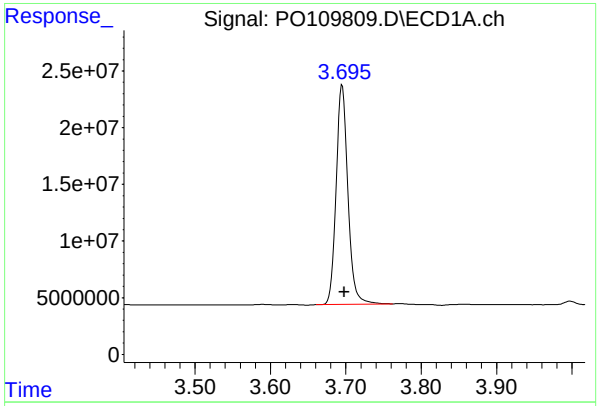
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 00:00:51 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



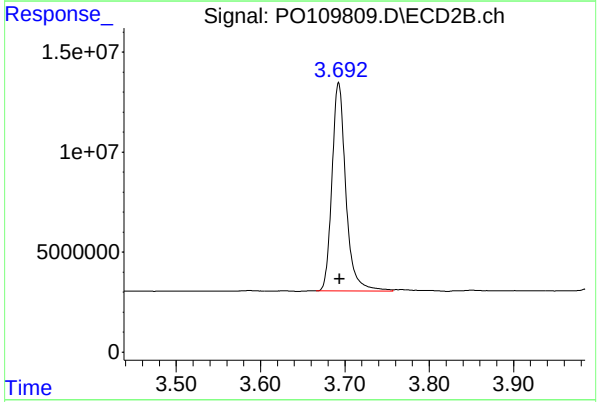




#1 Tetrachloro-m-xylene

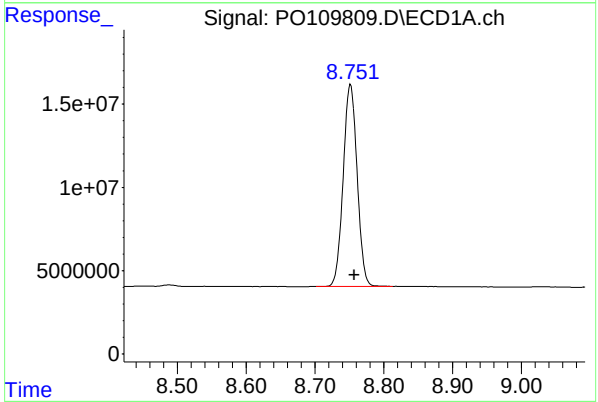
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 210105924
Conc: 22.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



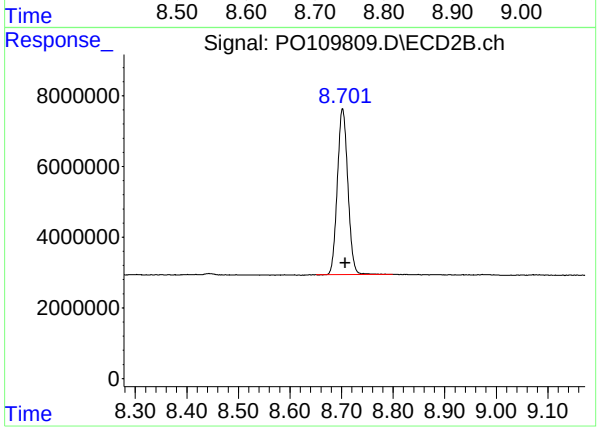
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: -0.001 min
Response: 119009897
Conc: 22.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 171043318
Conc: 19.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.005 min
Response: 66291536
Conc: 20.82 ng/ml

Raw Data: **PO109547.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:	PB166889BS	SDG No.:	Q1433
Lab Sample ID:	PB166889BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109547.D	1	02/27/25 09:15	02/27/25 23:16	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	142		3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	130		2.90	17.0	ug/kg
Total PCBs	Total PCBs	272		6.30	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		32 - 175	88%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109547.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 23:16
Operator : YP/AJ
Sample : PB166889BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB166889BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:27:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.698	3.696	172.8E6	100.0E6	18.255	19.113	
2)	SA Decachlor...	8.757	8.707	133.0E6	55946811	15.463	17.570	
	Target Compounds							
3)	L1 AR-1016-1	4.791	4.779	131.9E6	70613673	427.744	452.157	
4)	L1 AR-1016-2	4.811	4.798	179.6E6	98004065	426.601	452.813	
5)	L1 AR-1016-3	4.867	4.974	123.6E6	51403192	417.833	430.328	
6)	L1 AR-1016-4	4.988	5.015	97269369	42020493	419.662	403.769	
7)	L1 AR-1016-5	5.246	5.229	99162520	54484176	384.009	399.874	
31)	L7 AR-1260-1	6.288	6.262	168.7E6	102.5E6	361.961	432.820	
32)	L7 AR-1260-2	6.477	6.449	200.8E6	115.8E6	355.376	420.804	
33)	L7 AR-1260-3	6.845	6.602	143.4E6	99792296	301.406	391.235	#
34)	L7 AR-1260-4	7.105	7.074	123.6E6	68773270	286.353	333.540	
35)	L7 AR-1260-5	7.347	7.315	308.2E6	167.3E6	310.114	373.636	

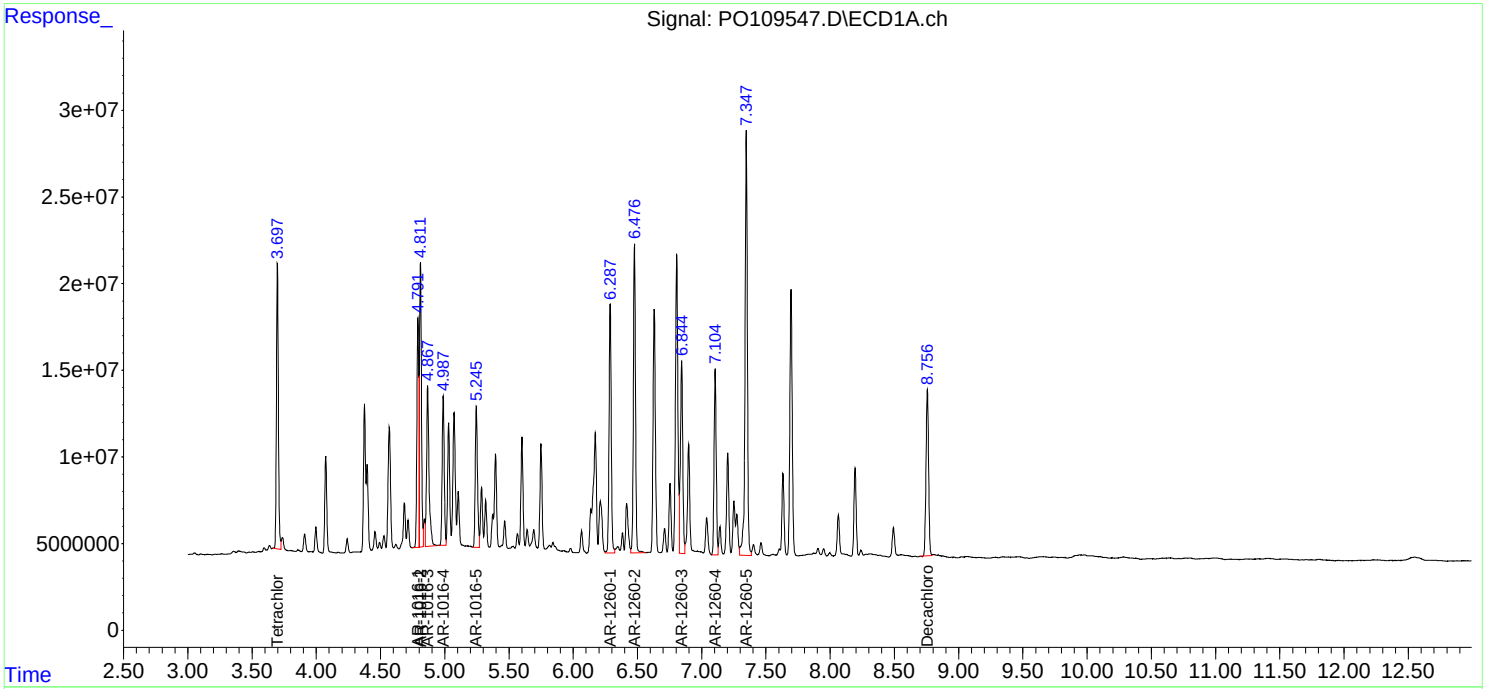
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

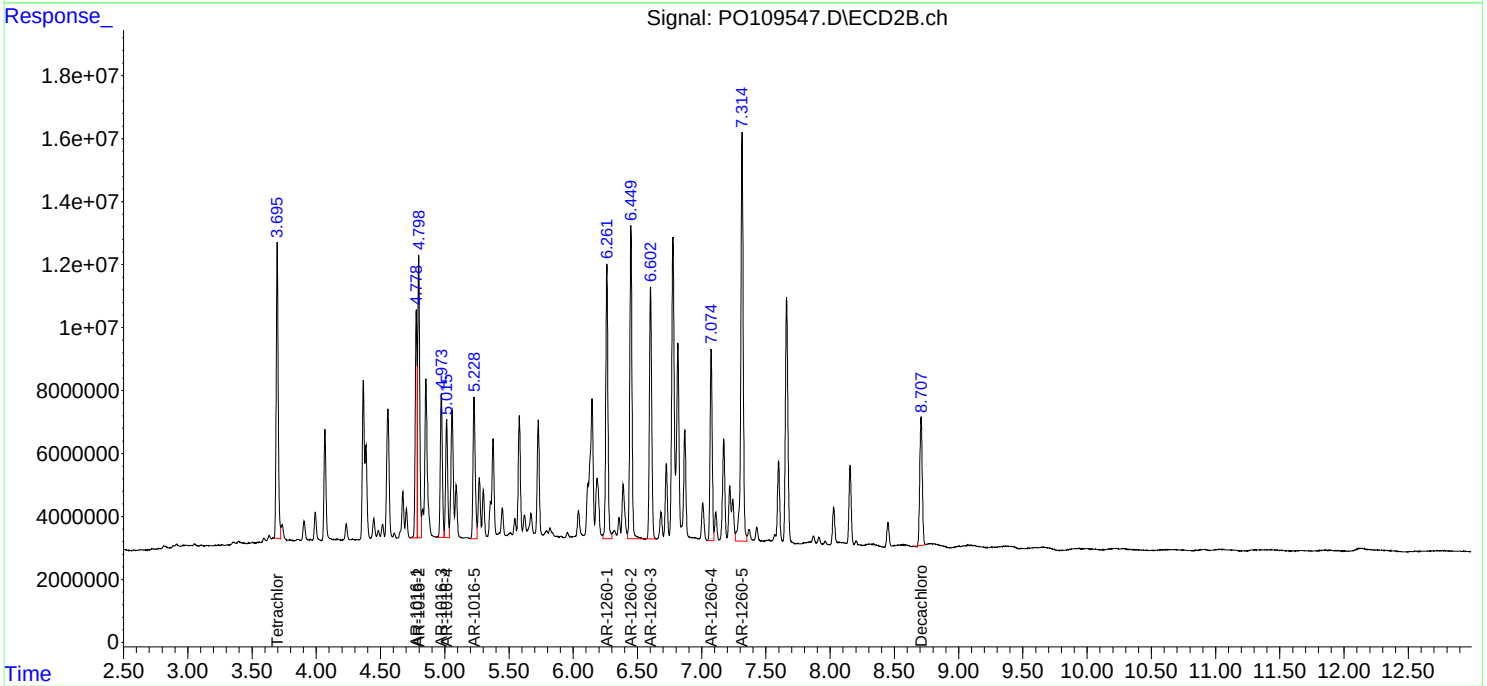
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 23:16
Operator : YP/AJ
Sample : PB166889BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB166889BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:27:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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.:	Q1433
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

Quantitation Report (QT Reviewed)

Sample Results: **PO109683.D**

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.

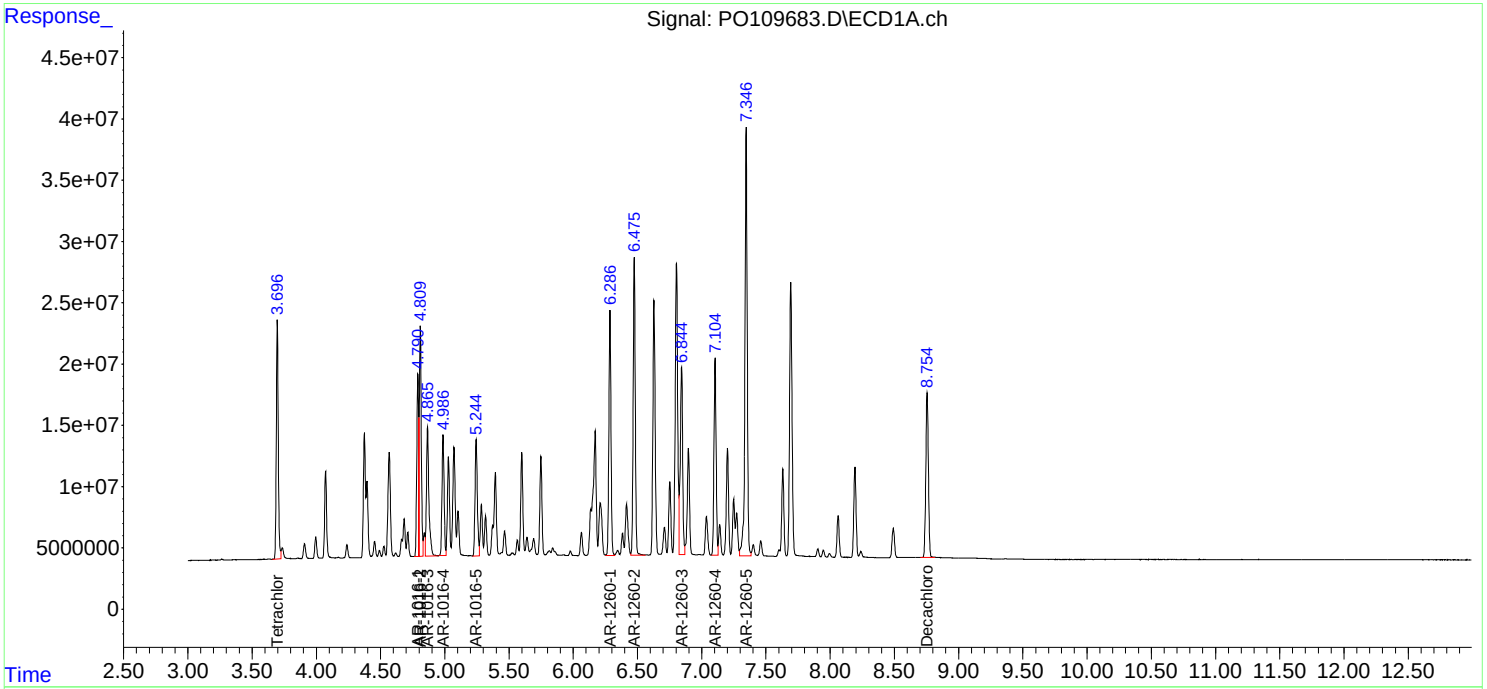
Sample Results: **PO109683.D**

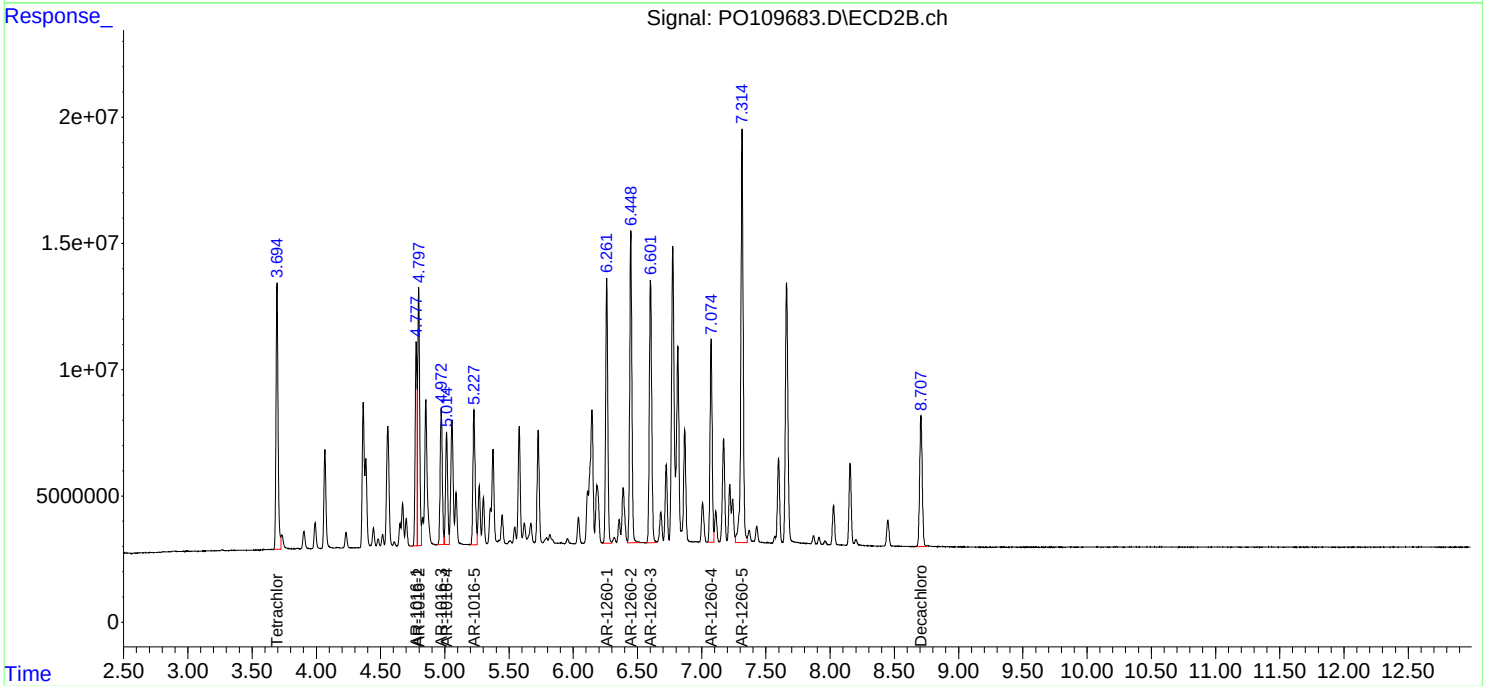
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:46
Operator : YP/AJ
Sample : PB167022BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

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: **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.:	Q1433
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

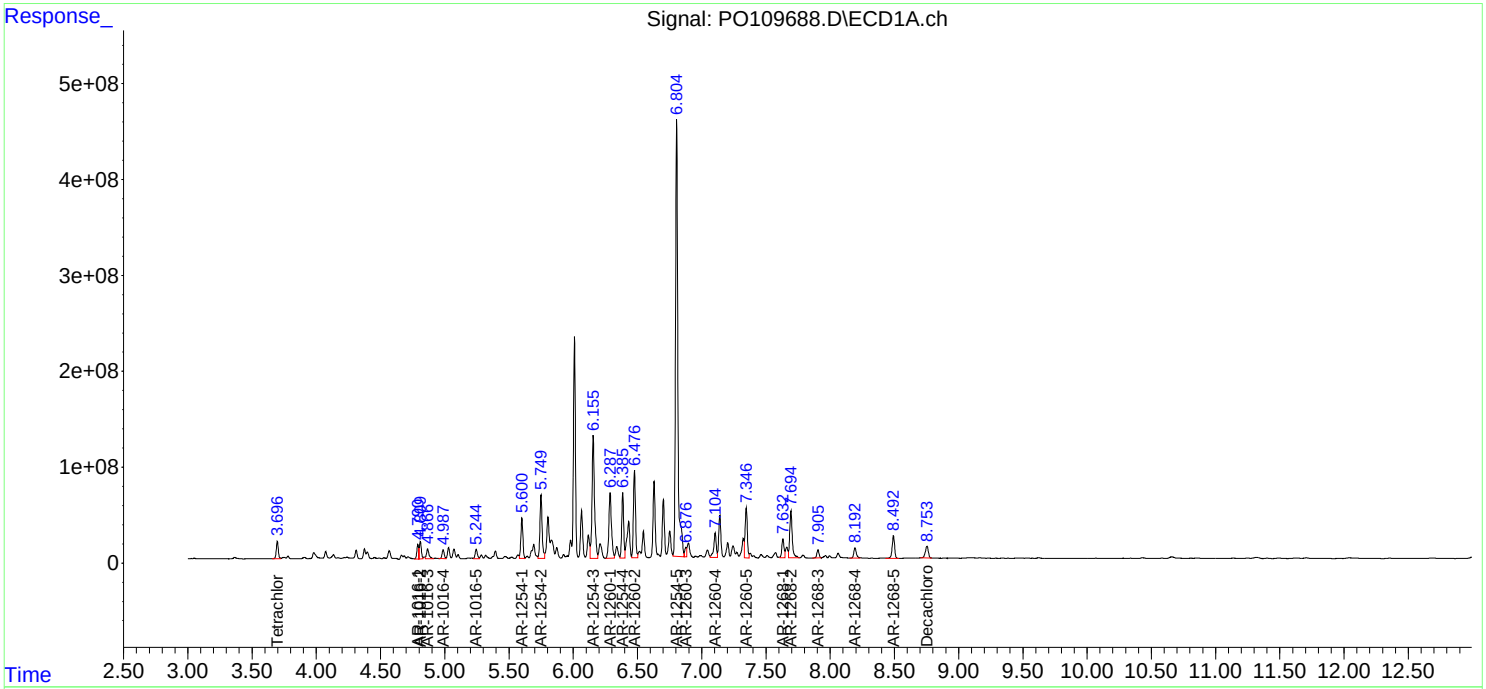
Instrument :
ECD_O
ClientSampleId :
K084-4CMS

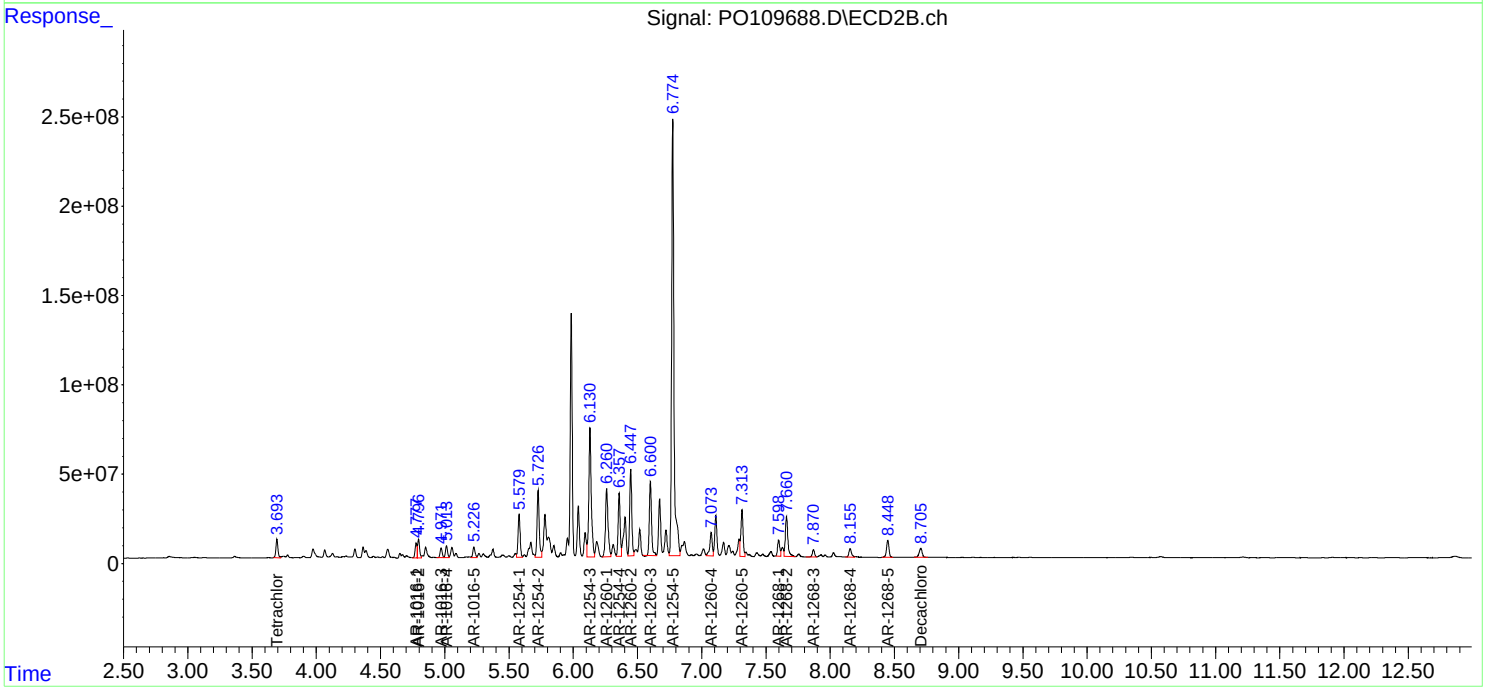
Manual Integrations APPROVED

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: **PO109562.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:	K084-5AMS	SDG No.:	Q1433
Lab Sample ID:	Q1434-03MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2 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
PO109562.D	1	02/27/25 09:15	02/28/25 04:16	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	328	P	3.70	18.4	ug/kg
11104-28-2	Aroclor-1221	6.90	U	6.90	18.4	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.4	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.4	ug/kg
12672-29-6	Aroclor-1248	8.50	U	8.50	18.4	ug/kg
11097-69-1	Aroclor-1254	2400	E	3.00	18.4	ug/kg
37324-23-5	Aroclor-1262	4.90	U	4.90	18.4	ug/kg
11100-14-4	Aroclor-1268	122		3.70	18.4	ug/kg
11096-82-5	Aroclor-1260	1000	EP	3.10	18.4	ug/kg
Total PCBs	Total PCBs	3900	E	13.5	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.0		32 - 144	125%	SPK: 20
2051-24-3	Decachlorobiphenyl	41.0	*	32 - 175	205%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:16
Operator : YP/AJ
Sample : Q1434-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-5AMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:31:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.697	3.694	223.0E6	130.6E6	23.560	24.956	
2)	SA Decachlor...	8.755	8.707	302.7E6	130.7E6	35.184	41.032	
	Target Compounds							
3)	L1 AR-1016-1	4.791	4.778	173.9E6	99235796	564.045	635.432	
4)	L1 AR-1016-2	4.810	4.797	220.2E6	129.3E6	522.944	597.228	
5)	L1 AR-1016-3	4.866	4.973	160.9E6	69736480	544.062	583.807	
6)	L1 AR-1016-4	4.987	5.015	120.2E6	178.5E6	518.430	1715.662	#
7)	L1 AR-1016-5	5.244	5.228	230.3E6	138.3E6	891.901	1014.998	
26)	L6 AR-1254-1	5.600	5.580	1281.1E6	743.2E6	2484.716	2841.658	
27)	L6 AR-1254-2	5.750	5.728	1668.6E6	961.9E6	3704.918	4100.816	
28)	L6 AR-1254-3	6.156	6.131	3556.5E6	2033.4E6	4967.518	5700.487	
29)	L6 AR-1254-4	6.385	6.359	2341.9E6	1257.1E6	5592.050	6509.051	
30)	L6 AR-1254-5	6.805	6.776	8003.7E6	4357.1E6	12828.466	14683.689	
31)	L7 AR-1260-1	6.287	6.262	1862.6E6	1042.8E6	3995.844	4401.435	
32)	L7 AR-1260-2	6.476	6.449	1951.2E6	1026.2E6	3452.792	3729.472	
33)	L7 AR-1260-3	6.877	6.602	248.6E6	935.8E6	522.594	3668.759	#
34)	L7 AR-1260-4	7.105	7.074	437.5E6	227.4E6	1013.777	1102.718	
35)	L7 AR-1260-5	7.347	7.315	830.4E6	437.8E6	835.480	977.749	
41)	L9 AR-1268-1	7.633	7.599	260.2E6	125.1E6	196.482	218.884	
42)	L9 AR-1268-2	7.694	7.661	830.2E6	400.2E6	686.585	762.448	
43)	L9 AR-1268-3	7.906	7.871	111.5E6	50660105	109.496	118.353	
44)	L9 AR-1268-4	8.194	8.156	159.1E6	71933958	374.472	445.867	
45)	L9 AR-1268-5	8.493	8.450	341.2E6	159.6E6	112.980	146.007	#

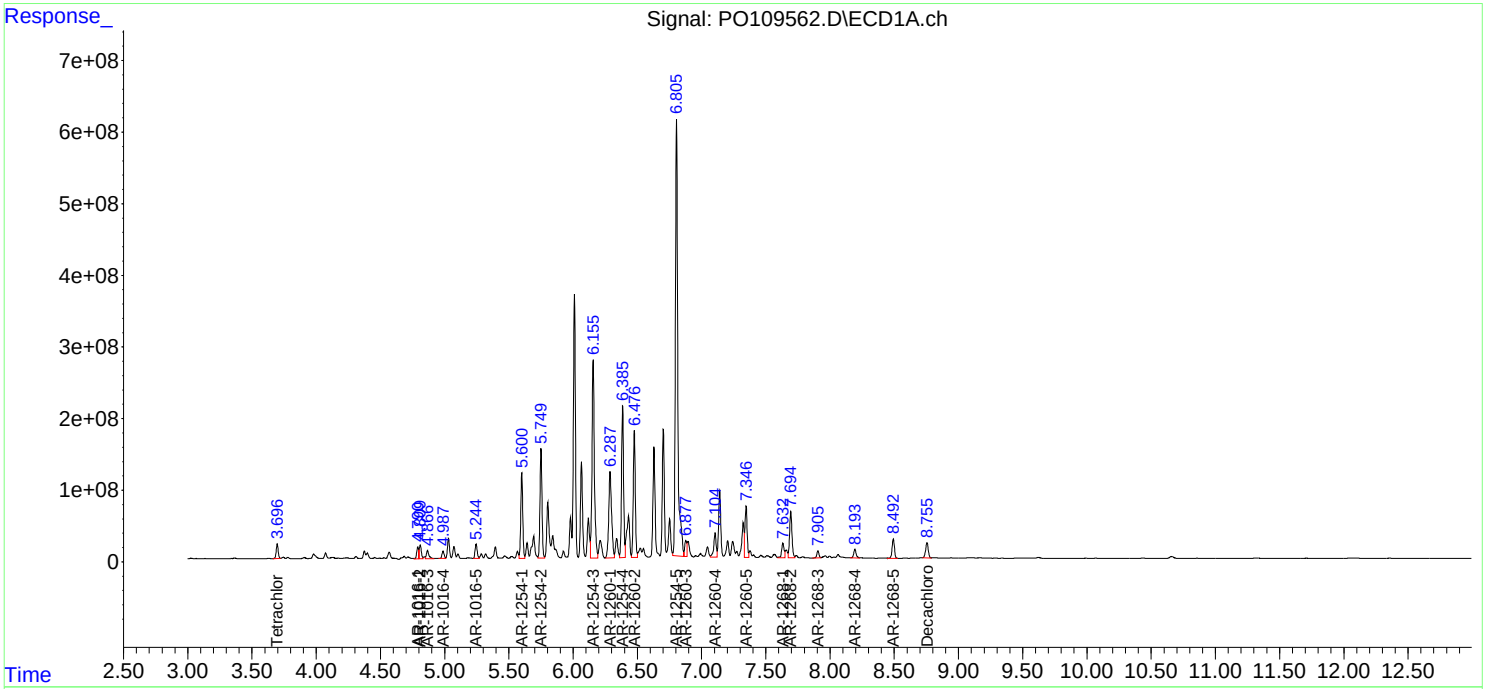
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

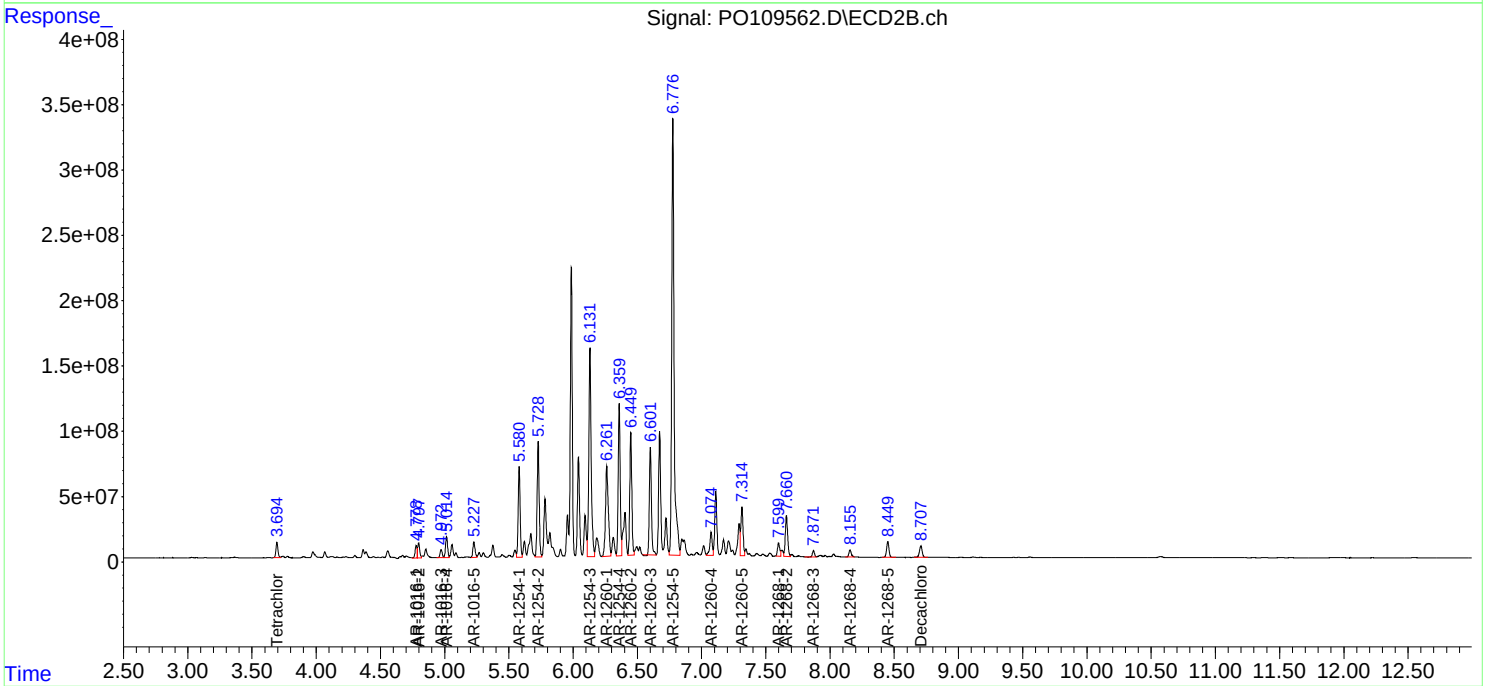
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:16
Operator : YP/AJ
Sample : Q1434-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-5AMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:31:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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.:	Q1433
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

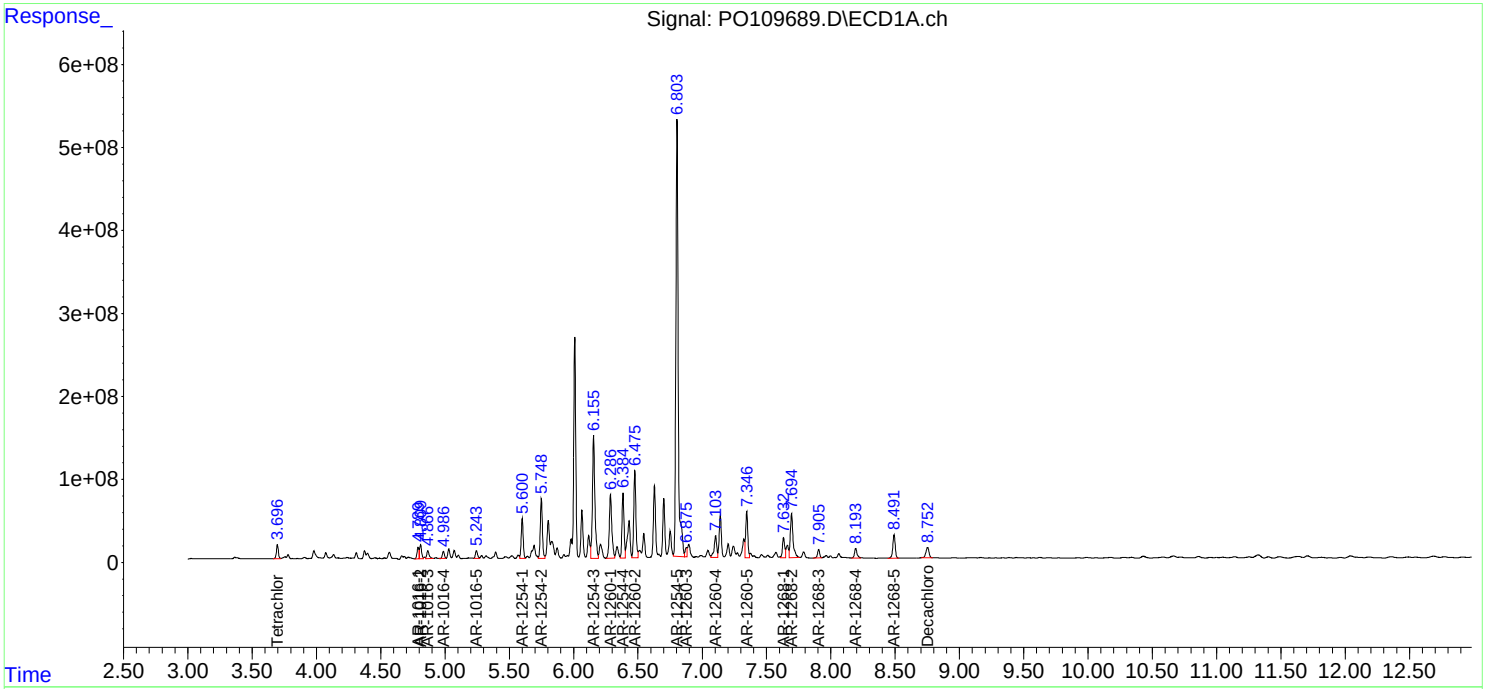
Instrument :
ECD_O
ClientSampleId :
K084-4CMSD

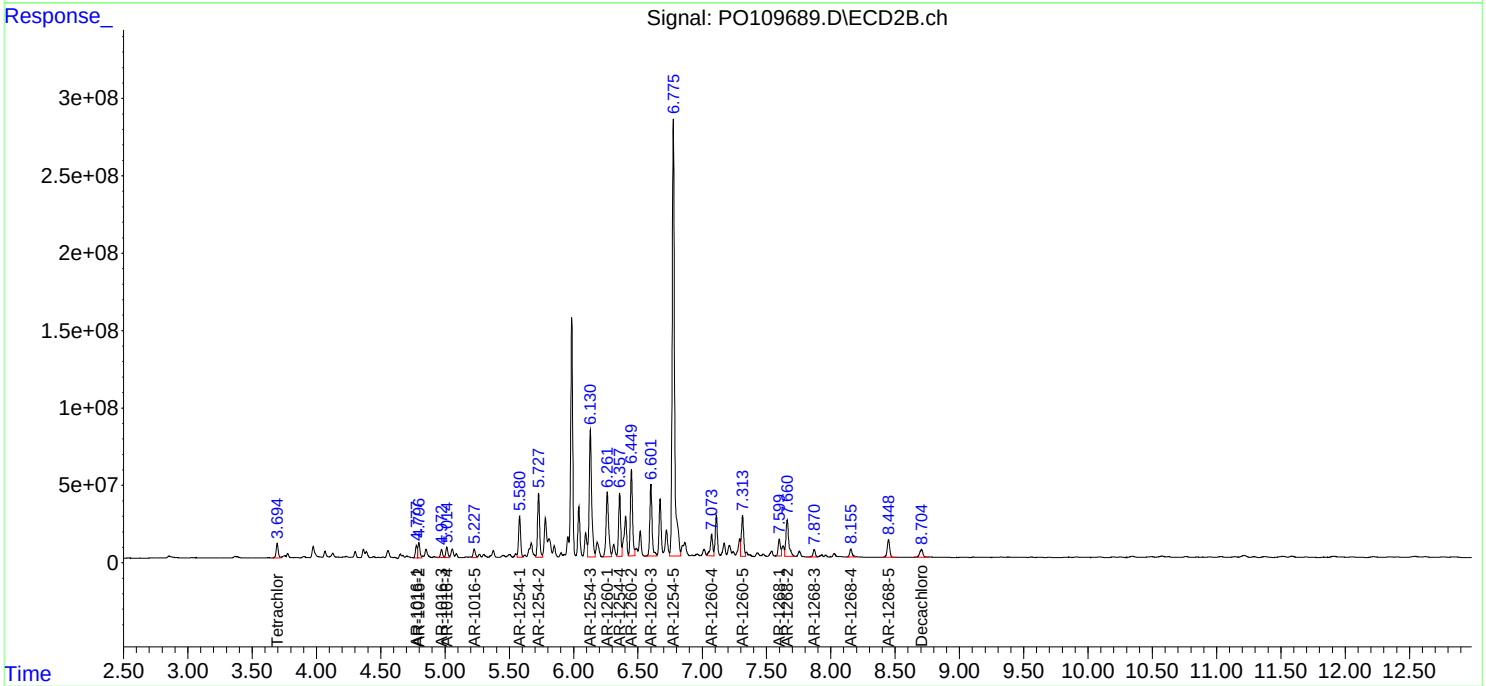
Manual Integrations APPROVED

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: **PO109563.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:	K084-5AMSD	SDG No.:	Q1433
Lab Sample ID:	Q1434-03MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2 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
PO109563.D	1	02/27/25 09:15	02/28/25 04:34	PB166889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	328	P	3.70	18.4	ug/kg
11104-28-2	Aroclor-1221	6.90	U	6.90	18.4	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.4	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.4	ug/kg
12672-29-6	Aroclor-1248	8.50	U	8.50	18.4	ug/kg
11097-69-1	Aroclor-1254	2500	E	3.00	18.4	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.4	ug/kg
11100-14-4	Aroclor-1268	123		3.70	18.4	ug/kg
11096-82-5	Aroclor-1260	1000	EP	3.20	18.4	ug/kg
Total PCBs	Total PCBs	3900	E	13.6	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.9		32 - 144	125%	SPK: 20
2051-24-3	Decachlorobiphenyl	41.8	*	32 - 175	209%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:34
Operator : YP/AJ
Sample : Q1434-03MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-5AMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:32:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.697	3.694	222.7E6	130.4E6	23.528	24.921	
2)	SA Decachlor...	8.756	8.708	309.3E6	133.0E6	35.959	41.760	
	Target Compounds							
3)	L1 AR-1016-1	4.791	4.778	172.1E6	98937545	558.213	633.522	
4)	L1 AR-1016-2	4.811	4.797	219.6E6	128.8E6	521.624	594.946	
5)	L1 AR-1016-3	4.866	4.973	160.5E6	70106484	542.716	586.905	
6)	L1 AR-1016-4	4.988	5.015	119.6E6	179.2E6	516.162	1721.929	#
7)	L1 AR-1016-5	5.245	5.228	230.5E6	137.7E6	892.619	1010.474	
26)	L6 AR-1254-1	5.601	5.580	1284.2E6	747.7E6	2490.652	2859.042	
27)	L6 AR-1254-2	5.750	5.728	1664.4E6	969.5E6	3695.651	4133.033	
28)	L6 AR-1254-3	6.156	6.131	3539.8E6	2047.0E6	4944.101	5738.687	
29)	L6 AR-1254-4	6.385	6.358	2304.6E6	1265.4E6	5502.965	6552.332	
30)	L6 AR-1254-5	6.806	6.776	8010.6E6	4388.5E6	12839.504	14789.301	
31)	L7 AR-1260-1	6.288	6.261	1848.0E6	1046.7E6	3964.588	4418.032	
32)	L7 AR-1260-2	6.476	6.449	1929.5E6	1041.6E6	3414.335	3785.211	
33)	L7 AR-1260-3	6.877	6.602	251.3E6	944.2E6	528.331	3701.889	#
34)	L7 AR-1260-4	7.105	7.074	441.0E6	228.2E6	1021.745	1106.925	
35)	L7 AR-1260-5	7.347	7.314	833.6E6	440.5E6	838.692	983.626	
41)	L9 AR-1268-1	7.633	7.599	254.0E6	124.0E6	191.822	216.980	
42)	L9 AR-1268-2	7.695	7.661	820.2E6	399.3E6	678.312	760.739	
43)	L9 AR-1268-3	7.907	7.871	111.7E6	54564306	109.717	127.474	
44)	L9 AR-1268-4	8.193	8.156	158.4E6	72137557	372.944	447.129	
45)	L9 AR-1268-5	8.493	8.450	363.9E6	159.1E6	120.508	145.539	

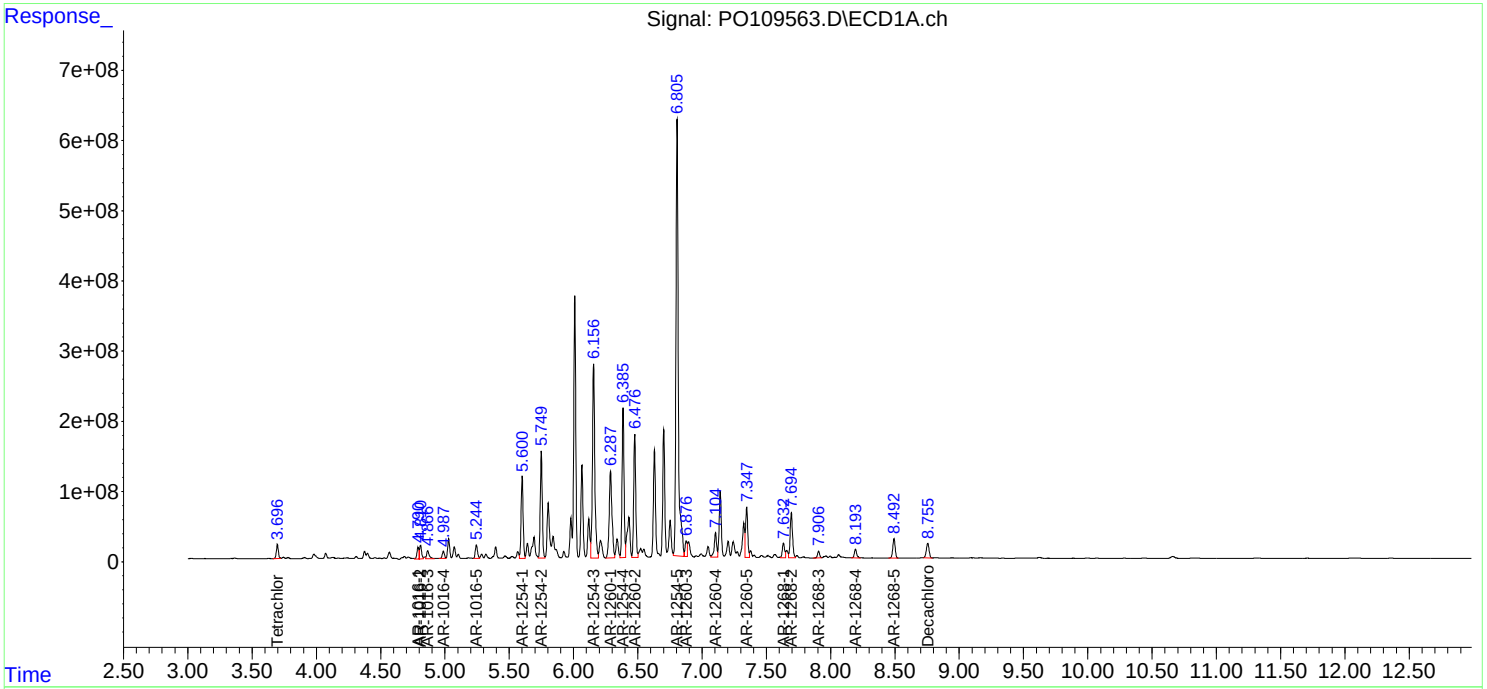
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

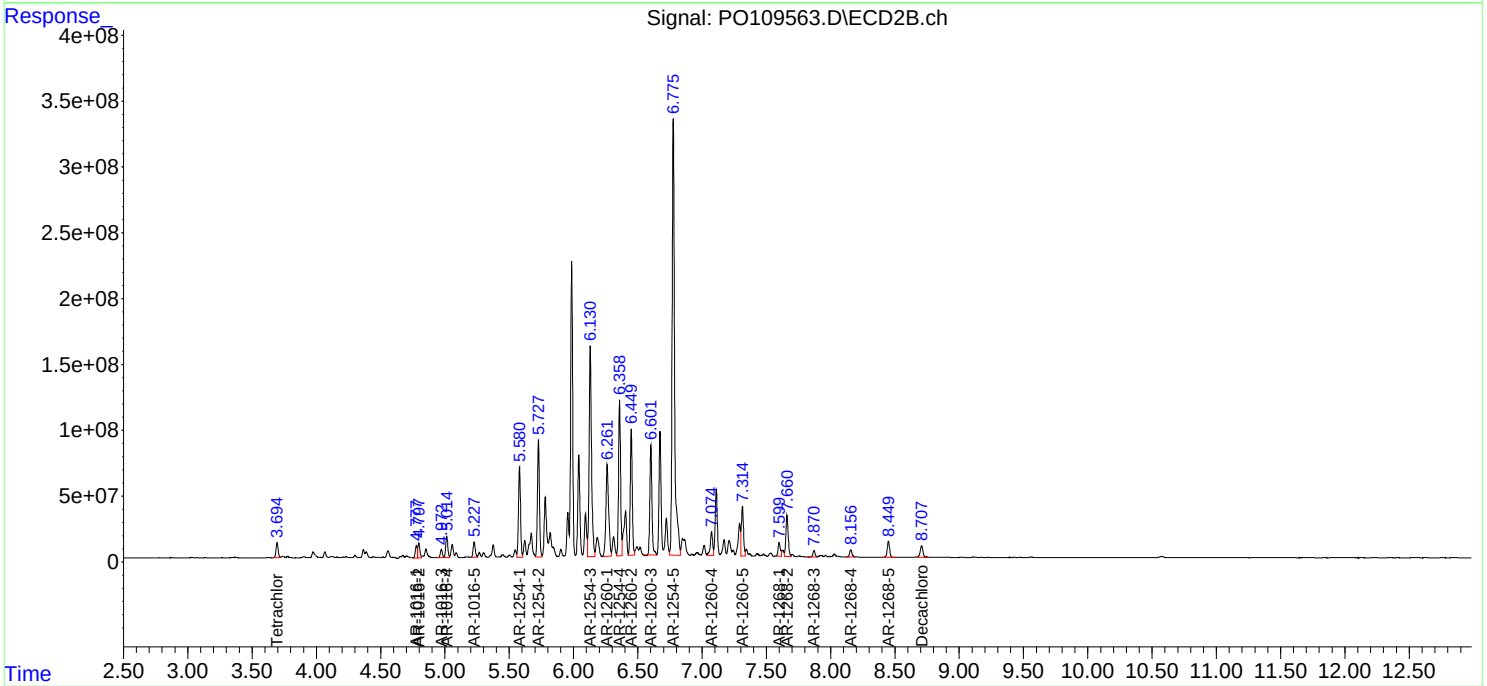
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:34
Operator : YP/AJ
Sample : Q1434-03MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K084-5AMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:32:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

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

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

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

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

Manual Integration Report

Sequence:	PO022725	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1433-01	PO109553.D	AR-1268-1	yogesh	2/28/2025 12:42:34 PM	Ankita	2/28/2025 12:43:57	Peak Integrated by Software
Q1433-05	PO109556.D	Tetrachloro-m-xylene	yogesh	2/28/2025 12:42:36 PM	Ankita	2/28/2025 12:43:59	Peak Integrated by Software
Q1433-05	PO109556.D	Tetrachloro-m-xylene #2	yogesh	2/28/2025 12:42:36 PM	Ankita	2/28/2025 12:43:59	Peak Integrated by Software
Q1433-07	PO109557.D	Tetrachloro-m-xylene	yogesh	2/28/2025 12:42:37 PM	Ankita	2/28/2025 12:44:01	Peak Integrated by Software
Q1433-07	PO109557.D	Tetrachloro-m-xylene #2	yogesh	2/28/2025 12:42:37 PM	Ankita	2/28/2025 12:44:01	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
Q1433-01DL	PO109590.D	AR-1254-5	yogesh	3/3/2025 9:31:38 AM	Ankita	3/4/2025 12:55:10	Peak Integrated by Software
Q1433-01DL	PO109590.D	AR-1254-5 #2	yogesh	3/3/2025 9:31:38 AM	Ankita	3/4/2025 12:55:10	Peak Integrated by Software
Q1433-04DL	PO109591.D	Tetrachloro-m-xylene #2	yogesh	3/3/2025 9:31:40 AM	Ankita	3/4/2025 12:55:11	Peak Integrated by Software
Q1433-05DL	PO109593.D	Tetrachloro-m-xylene	yogesh	3/3/2025 9:31:42 AM	Ankita	3/4/2025 12:55:13	Peak Integrated by Software
Q1433-05DL	PO109593.D	Tetrachloro-m-xylene #2	yogesh	3/3/2025 9:31:42 AM	Ankita	3/4/2025 12:55:13	Peak Integrated by Software
Q1433-05DL2	PO109594.D	AR-1268-1	yogesh	3/3/2025 9:31:44 AM	Ankita	3/4/2025 12:55:15	Peak Integrated by Software
Q1433-05DL2	PO109594.D	Tetrachloro-m-xylene	yogesh	3/3/2025 9:31:44 AM	Ankita	3/4/2025 12:55:15	Peak Integrated by Software
Q1433-05DL2	PO109594.D	Tetrachloro-m-xylene #2	yogesh	3/3/2025 9:31:44 AM	Ankita	3/4/2025 12:55:15	Peak Integrated by Software
Q1433-07DL	PO109595.D	Tetrachloro-m-xylene #2	yogesh	3/3/2025 9:31:48 AM	Ankita	3/4/2025 12:55:16	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
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
Q1433-03	PO109684.D	AR-1268-1 #2	yogesh	3/7/2025 7:30:45 AM	mohammad	3/8/2025 4:30:42	Peak Integrated by Software
Q1433-03	PO109684.D	AR-1268-3	yogesh	3/7/2025 7:30:45 AM	mohammad	3/8/2025 4:30:42	Peak Integrated by Software
Q1433-03	PO109684.D	AR-1268-3 #2	yogesh	3/7/2025 7:30:45 AM	mohammad	3/8/2025 4:30:42	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

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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	PO109692.D	AR-1016-5 #2	yogesh	3/7/2025 7:30:54 AM	mohammad	3/8/2025 4:30:58	Peak Integrated by Software
AR1254CCC500	PO109695.D	AR-1254-1 #2	yogesh	3/7/2025 7:30:56 AM	mohammad	3/8/2025 4:31:01	Peak Integrated by Software
AR1254CCC500	PO109695.D	AR-1254-2 #2	yogesh	3/7/2025 7:30:56 AM	mohammad	3/8/2025 4:31:01	Peak Integrated by Software
AR1254CCC500	PO109695.D	AR-1254-3 #2	yogesh	3/7/2025 7:30:56 AM	mohammad	3/8/2025 4:31:01	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO030725	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PO031125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1433-10DL2	PO109795.D	AR-1268-4 #2	yogesh	3/12/2025 7:57:59 AM			Peak Integrated by Software
AR1660CCC500	PO109811.D	AR-1016-5	yogesh	3/12/2025 7:58:05 AM			Peak Integrated by Software
AR1660CCC500	PO109811.D	AR-1016-5 #2	yogesh	3/12/2025 7:58:05 AM			Peak Integrated by Software
AR1254CCC500	PO109814.D	AR-1254-4 #2	yogesh	3/12/2025 7:58:07 AM			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

M : Manual Integration

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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	

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	Not Ok

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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,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	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_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By		Supervise On			
SubDirectory	PO031125	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	PO109774.D	11 Mar 2025 11:05	YP/AJ	Ok
2	AR1660CCC500	PO109775.D	11 Mar 2025 12:01	YP/AJ	Ok
3	AR1242CCC500	PO109776.D	11 Mar 2025 12:19	YP/AJ	Ok
4	AR1248CCC500	PO109777.D	11 Mar 2025 12:37	YP/AJ	Ok
5	AR1254CCC500	PO109778.D	11 Mar 2025 12:56	YP/AJ	Ok
6	I.BLK	PO109779.D	11 Mar 2025 13:14	YP/AJ	Ok
7	PB167074BL	PO109780.D	11 Mar 2025 13:32	YP/AJ	Ok
8	PB167074BS	PO109781.D	11 Mar 2025 13:51	YP/AJ	Ok
9	Q1534-01	PO109782.D	11 Mar 2025 14:09	YP/AJ	Ok
10	Q1534-07	PO109783.D	11 Mar 2025 14:27	YP/AJ	Ok
11	Q1534-07MS	PO109784.D	11 Mar 2025 14:45	YP/AJ	Ok,NS
12	Q1534-07MSD	PO109785.D	11 Mar 2025 15:04	YP/AJ	Ok,NS
13	Q1534-13	PO109786.D	11 Mar 2025 15:22	YP/AJ	Ok,NS
14	Q1534-19	PO109787.D	11 Mar 2025 15:40	YP/AJ	Ok,NS
15	Q1538-01	PO109788.D	11 Mar 2025 15:59	YP/AJ	Ok,NS
16	Q1535-01	PO109789.D	11 Mar 2025 16:17	YP/AJ	Ok
17	AR1660CCC500	PO109790.D	11 Mar 2025 17:17	YP/AJ	Ok
18	AR1242CCC500	PO109791.D	11 Mar 2025 17:34	YP/AJ	Ok
19	AR1248CCC500	PO109792.D	11 Mar 2025 17:52	YP/AJ	Ok
20	AR1254CCC500	PO109793.D	11 Mar 2025 18:10	YP/AJ	Ok
21	I.BLK	PO109794.D	11 Mar 2025 18:28	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By		Supervise On			
SubDirectory	PO031125	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	Q1433-10DL2	PO109795.D	11 Mar 2025 18:47	YP/AJ	Ok,NS
23	Q1537-01	PO109796.D	11 Mar 2025 19:05	YP/AJ	Ok
24	Q1537-02	PO109797.D	11 Mar 2025 19:24	YP/AJ	Ok
25	Q1537-03	PO109798.D	11 Mar 2025 19:42	YP/AJ	Ok
26	Q1541-01	PO109799.D	11 Mar 2025 20:00	YP/AJ	Ok
27	PB167066BL	PO109800.D	11 Mar 2025 20:18	YP/AJ	Ok
28	PB167066BS	PO109801.D	11 Mar 2025 20:36	YP/AJ	Ok
29	PB167066BSD	PO109802.D	11 Mar 2025 20:55	YP/AJ	Ok
30	Q1536-01	PO109803.D	11 Mar 2025 21:13	YP/AJ	Ok,NS
31	Q1536-02	PO109804.D	11 Mar 2025 21:30	YP/AJ	Ok,NS
32	AR1660CCC500	PO109805.D	11 Mar 2025 21:49	YP/AJ	Ok
33	AR1242CCC500	PO109806.D	11 Mar 2025 22:07	YP/AJ	Ok
34	AR1248CCC500	PO109807.D	11 Mar 2025 22:26	YP/AJ	Ok
35	AR1254CCC500	PO109808.D	11 Mar 2025 22:43	YP/AJ	Ok
36	I.BLK	PO109809.D	11 Mar 2025 23:01	YP/AJ	Ok
37	Q1536-03	PO109810.D	11 Mar 2025 23:20	YP/AJ	Ok,NS
38	AR1660CCC500	PO109811.D	11 Mar 2025 23:38	YP/AJ	Ok,NS
39	AR1242CCC500	PO109812.D	11 Mar 2025 23:55	YP/AJ	Ok
40	AR1248CCC500	PO109813.D	12 Mar 2025 00:14	YP/AJ	Ok
41	AR1254CCC500	PO109814.D	12 Mar 2025 00:32	YP/AJ	Ok,NS
42	I.BLK	PO109815.D	12 Mar 2025 00:51	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 # 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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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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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	

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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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	Not Ok
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

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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	

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

Alliance TECHNICAL GROUP
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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

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 # 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

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 # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By		Supervise On			
SubDirectory	PO031125	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	PO109774.D	11 Mar 2025 11:05		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO109775.D	11 Mar 2025 12:01		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO109776.D	11 Mar 2025 12:19		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO109777.D	11 Mar 2025 12:37		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO109778.D	11 Mar 2025 12:56		YP/AJ	Ok
6	I.BLK	I.BLK	PO109779.D	11 Mar 2025 13:14		YP/AJ	Ok
7	PB167074BL	PB167074BL	PO109780.D	11 Mar 2025 13:32		YP/AJ	Ok
8	PB167074BS	PB167074BS	PO109781.D	11 Mar 2025 13:51		YP/AJ	Ok
9	Q1534-01	OR-363-COMP-16	PO109782.D	11 Mar 2025 14:09		YP/AJ	Ok
10	Q1534-07	OR-363-COMP-17	PO109783.D	11 Mar 2025 14:27		YP/AJ	Ok
11	Q1534-07MS	OR-363-COMP-17MS	PO109784.D	11 Mar 2025 14:45		YP/AJ	Ok,NS
12	Q1534-07MSD	OR-363-COMP-17MSD	PO109785.D	11 Mar 2025 15:04		YP/AJ	Ok,NS
13	Q1534-13	OR-363-COMP-18	PO109786.D	11 Mar 2025 15:22		YP/AJ	Ok,NS
14	Q1534-19	OR-363-COMP-19	PO109787.D	11 Mar 2025 15:40		YP/AJ	Ok,NS
15	Q1538-01	BELL-25-0004	PO109788.D	11 Mar 2025 15:59	DCB high in 1st column	YP/AJ	Ok,NS
16	Q1535-01	SU-03-03102025	PO109789.D	11 Mar 2025 16:17		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO109790.D	11 Mar 2025 17:17		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO109791.D	11 Mar 2025 17:34		YP/AJ	Ok

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 # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By		Supervise On			
SubDirectory	PO031125	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	AR1248CCC500	AR1248CCC500	PO109792.D	11 Mar 2025 17:52		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO109793.D	11 Mar 2025 18:10		YP/AJ	Ok
21	I.BLK	I.BLK	PO109794.D	11 Mar 2025 18:28		YP/AJ	Ok
22	Q1433-10DL2	K084-4ADL2	PO109795.D	11 Mar 2025 18:47	AR1254 + AR1268 Hit	YP/AJ	Ok,NS
23	Q1537-01	COMP-1	PO109796.D	11 Mar 2025 19:05		YP/AJ	Ok
24	Q1537-02	COMP-2	PO109797.D	11 Mar 2025 19:24		YP/AJ	Ok
25	Q1537-03	COMP-3	PO109798.D	11 Mar 2025 19:42		YP/AJ	Ok
26	Q1541-01	205703	PO109799.D	11 Mar 2025 20:00		YP/AJ	Ok
27	PB167066BL	PB167066BL	PO109800.D	11 Mar 2025 20:18		YP/AJ	Ok
28	PB167066BS	PB167066BS	PO109801.D	11 Mar 2025 20:36		YP/AJ	Ok
29	PB167066BSD	PB167066BSD	PO109802.D	11 Mar 2025 20:55		YP/AJ	Ok
30	Q1536-01	60425	PO109803.D	11 Mar 2025 21:13		YP/AJ	Ok,NS
31	Q1536-02	60426	PO109804.D	11 Mar 2025 21:30	AR1242 Hit,	YP/AJ	Ok,NS
32	AR1660CCC500	AR1660CCC500	PO109805.D	11 Mar 2025 21:49		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO109806.D	11 Mar 2025 22:07		YP/AJ	Ok
34	AR1248CCC500	AR1248CCC500	PO109807.D	11 Mar 2025 22:26		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO109808.D	11 Mar 2025 22:43		YP/AJ	Ok
36	I.BLK	I.BLK	PO109809.D	11 Mar 2025 23:01		YP/AJ	Ok
37	Q1536-03	60427	PO109810.D	11 Mar 2025 23:20		YP/AJ	Ok,NS

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 # PO031125

Review By	yogesh	Review On	3/12/2025 7:58:21 AM		
Supervise By		Supervise On			
SubDirectory	PO031125	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	

38	AR1660CCC500	AR1660CCC500	PO109811.D	11 Mar 2025 23:38		YP/AJ	Ok,NS
39	AR1242CCC500	AR1242CCC500	PO109812.D	11 Mar 2025 23:55		YP/AJ	Ok
40	AR1248CCC500	AR1248CCC500	PO109813.D	12 Mar 2025 00:14		YP/AJ	Ok
41	AR1254CCC500	AR1254CCC500	PO109814.D	12 Mar 2025 00:32		YP/AJ	Ok,NS
42	I.BLK	I.BLK	PO109815.D	12 Mar 2025 00:51		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 WC

Raw Sample Relinquished by: [signature]

Date/Time 02/27/25 17:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JP WC

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: JB WOC

Raw Sample Relinquished by: CP SM

Date/Time 02/28/25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JB WOC

Alliance TECHNICAL GROUP

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	pilc
Q1509-02	HIH088X-1-2	30	1.00	1.00	2.00	2.00	100.0	pilc
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	pilc
Q1520-02	BC248121-1-2	34	1.00	1.00	2.00	2.00	100.0	pilc
Q1520-03	BC260492-1-1	35	1.00	1.00	2.00	2.00	100.0	pilc
Q1520-04	BC260492-1-2	36	1.00	1.00	2.00	2.00	100.0	pilc
Q1520-05	JEH488H-1-1	37	1.00	1.00	2.00	2.00	100.0	pilc
Q1520-06	JEH488H-1-2	38	1.00	1.00	2.00	2.00	100.0	pilc

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

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: [illegible]

Raw Sample Relinquished by: CP SM

Date/Time 03/06/25 17:40

Raw Sample Received by: CP SM

Raw Sample Relinquished by: [illegible]

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 16:70

Raw Sample Received by: JR CW

Raw Sample Relinquished by: CP SM

Date/Time 03/06/25 17:40

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JR CW

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166889

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	02/27/2025
Matrix :	Solid			**Extraction Start Time :**	09:15
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	02/27/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:25
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**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.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
2/27/25	RS (Ext Lab)	Y.P. Pest Lab
12:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166889

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 02/27/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166889BL	ABLK889	PCB Group1	30.02	N/A	ritesh	Evelyn	10			U6-1
PB166889BS	ALCS889	PCB Group1	30.03	N/A	ritesh	Evelyn	10			2
Q1433-01	K084-1A	PCB Group1	30.07	N/A	ritesh	Evelyn	10			3
Q1433-02	K084-1B	PCB Group1	30.03	N/A	ritesh	Evelyn	10			4
Q1433-04	K084-2A	PCB Group1	30.05	N/A	ritesh	Evelyn	10			5
Q1433-05	K084-2B	PCB Group1	30.06	N/A	ritesh	Evelyn	10			6
Q1433-07	K084-3A	PCB Group1	30.08	N/A	ritesh	Evelyn	10			U3-1
Q1433-08	K084-3B	PCB Group1	30.02	N/A	ritesh	Evelyn	10			2
Q1433-10	K084-4A	PCB Group1	30.04	N/A	ritesh	Evelyn	10			3
Q1434-01	K084-4B	PCB Group1	30.07	N/A	ritesh	Evelyn	10			4
Q1434-03	K084-5A	PCB Group1	30.01	N/A	ritesh	Evelyn	10			5
Q1434-03MS	KO84-5AMS	PCB Group1	30.06	N/A	ritesh	Evelyn	10			6
Q1434-03MSD	KO84-5AMSD	PCB Group1	30.04	N/A	ritesh	Evelyn	10			U7-1
Q1434-04	K084-5B	PCB Group1	30.02	N/A	ritesh	Evelyn	10			2
Q1434-06	K084-6B	PCB Group1	30.03	N/A	ritesh	Evelyn	10			3
Q1434-08	K084-7A	PCB Group1	30.08	N/A	ritesh	Evelyn	10			4
Q1434-09	K084-7B	PCB Group1	30.05	N/A	ritesh	Evelyn	10			5
Q1436-01	K084-8A	PCB Group1	30.02	N/A	ritesh	Evelyn	10			6
Q1436-04	K084-9A	PCB Group1	30.06	N/A	ritesh	Evelyn	10			U2-1
Q1436-07	K084-10A	PCB Group1	30.01	N/A	ritesh	Evelyn	10			2
Q1436-10	K084-11A	PCB Group1	30.07	N/A	ritesh	Evelyn	10			3
Q1437-03	K084-12A	PCB Group1	30.03	N/A	ritesh	Evelyn	10			4
Q1437-06	K084-13A	PCB Group1	30.04	N/A	ritesh	Evelyn	10			5
Q1437-09	K084-14A	PCB Group1	30.09	N/A	ritesh	Evelyn	10			6

RS 2/27

* **Extracts relinquished on the same date as received.**

166859
9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1433 **WorkList ID :** 187922 **Department :** Extraction **Date :** 02-27-2025 08:40:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1433-01	KO84-1A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-02	KQ84-1B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-04	KQ84-2A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-05	KO84-2B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-07	KO84-3A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-08	KO84-3B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1433-10	KO84-4A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-01	KO84-4B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-03	KO84-5A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-04	KO84-5B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-06	KO84-6B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-08	KO84-7A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1434-09	KO84-7B	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-01	KO84-8A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-04	KO84-9A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-07	KO84-10A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1436-10	KO84-11A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-03	KO84-12A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-06	KO84-13A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-09	KO84-14A	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A

Date/Time 2/27/25 9:10
Raw Sample Received by: RJ (EXT-lab)
Raw Sample Relinquished by:

Date/Time 2/27/25 9:50
Raw Sample Received by:
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
16:50	**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)

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

Prep Standard - Chemical Standard Summary

Order ID : Q1433

Test : PCB Group1

Prepbatch ID : PB166889,PB167022,

Sequence ID/Qc Batch ID: PO022725,PO022825,PO030625,PO030725,PO031125,

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,

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,P13372,W3112,

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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

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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

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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

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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

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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

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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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Fax : 908 789 8922

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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Fax : 908 789 8922

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

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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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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	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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CHEMICAL RECEIPT LOG BOOK

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.

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

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

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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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)

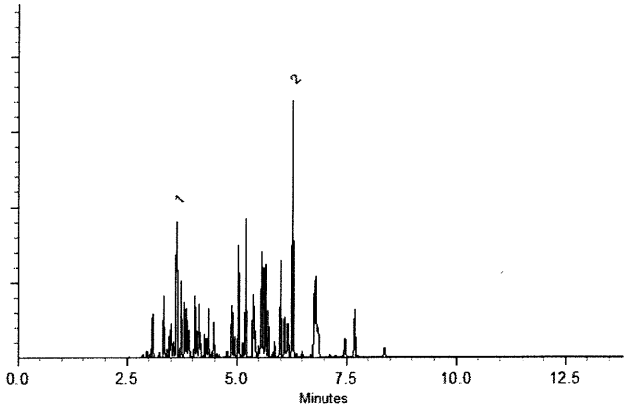
Carrier Gas:
helium-constant pressure 20 psi.

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

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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)

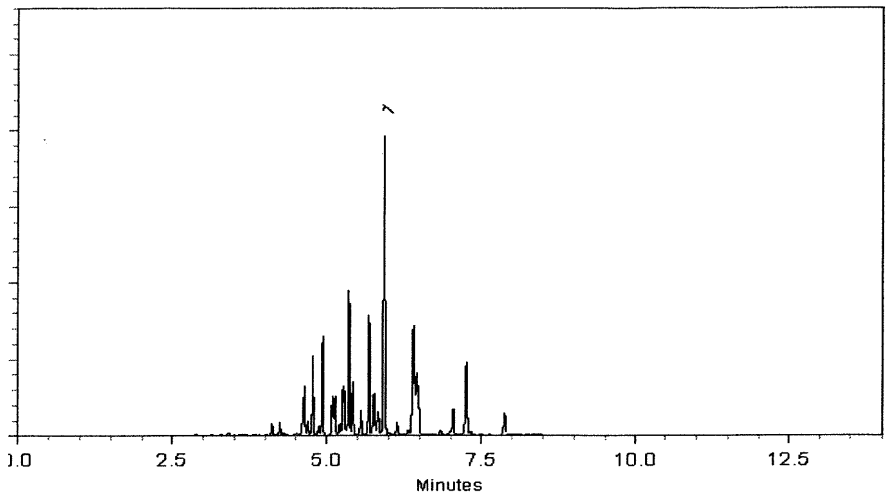
Carrier Gas:
helium-constant pressure 20 psi.

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

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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

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

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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. : 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)

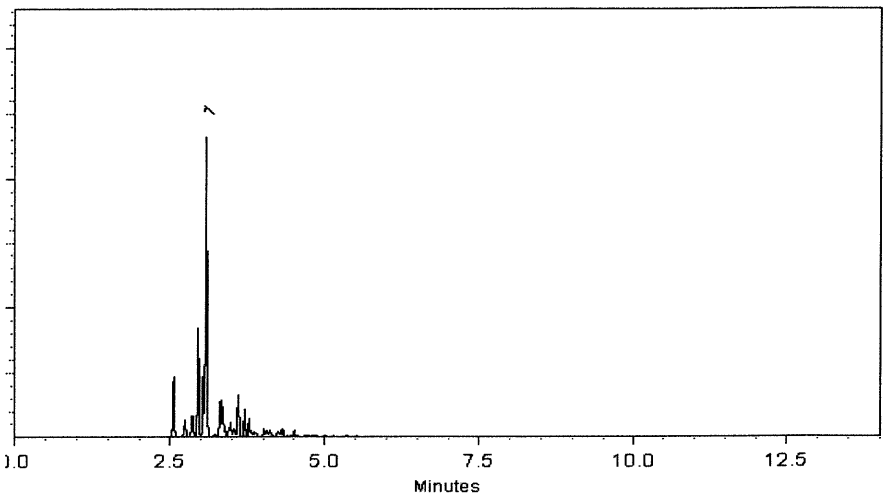
Carrier Gas:
helium-constant pressure 20 psi.

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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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)

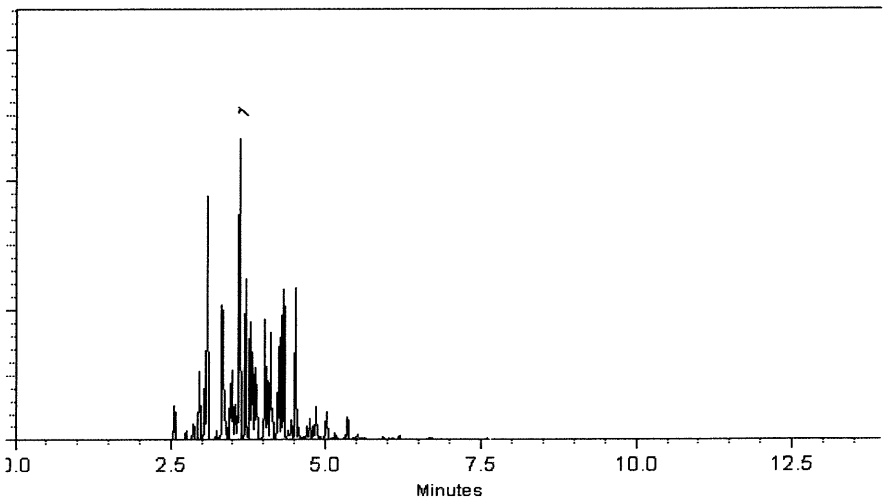
Carrier Gas:
helium-constant pressure 20 psi.

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

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1254	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)

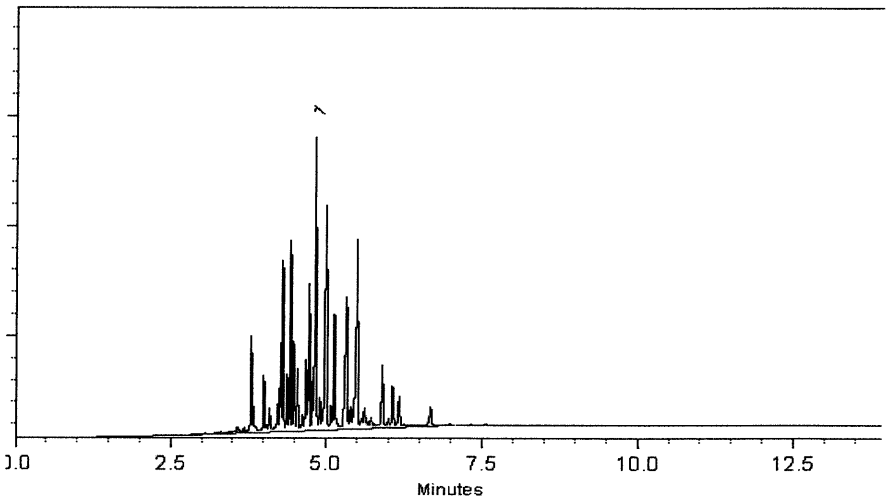
Carrier Gas:
helium-constant pressure 20 psi.

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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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. : 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)

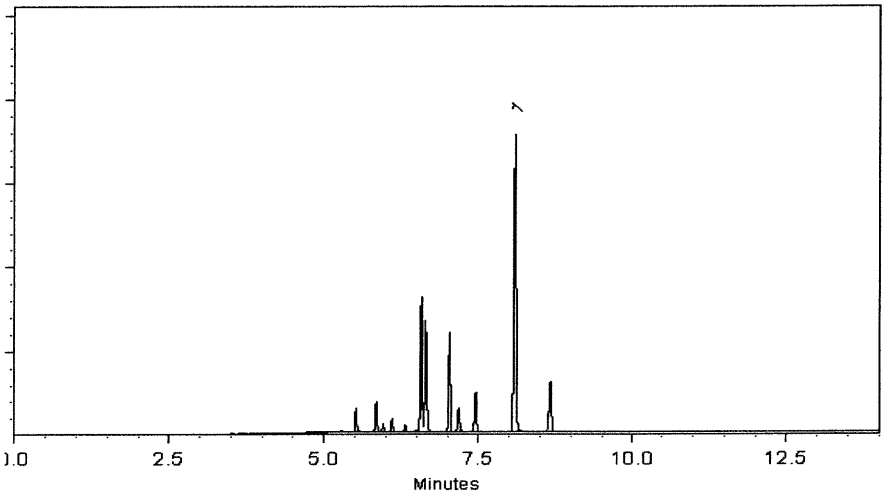
Carrier Gas:
helium-constant pressure 20 psi.

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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800-368-1131
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Certified Refere

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

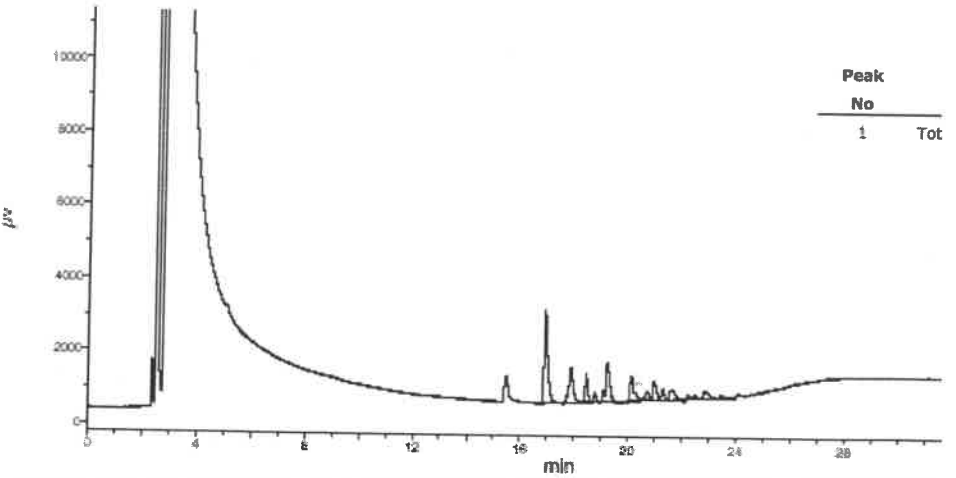
Weight(s) shown below were combined and diluted to (mL): 100.0

5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (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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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

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.)

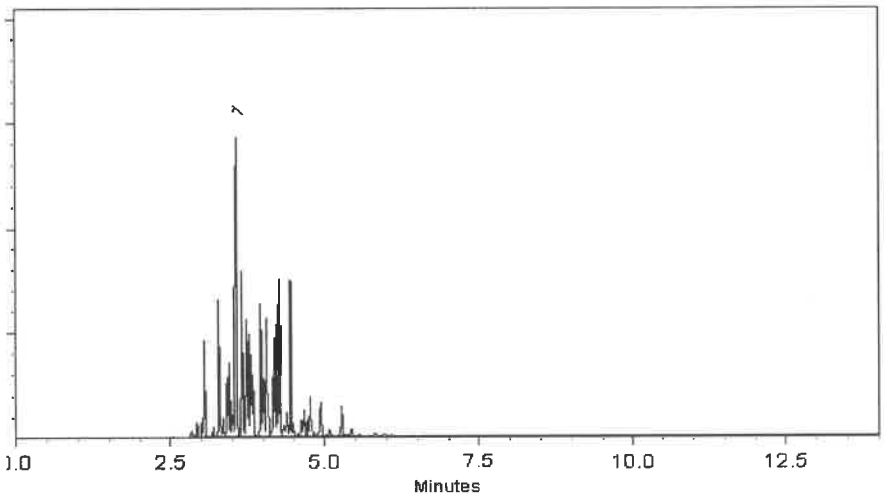
Inj. Temp:
250°C

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.)

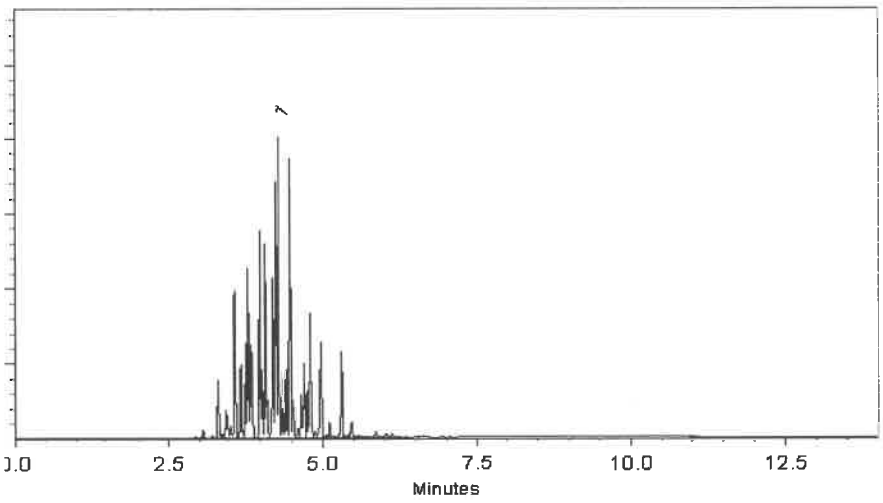
Inj. Temp:
250°C

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): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

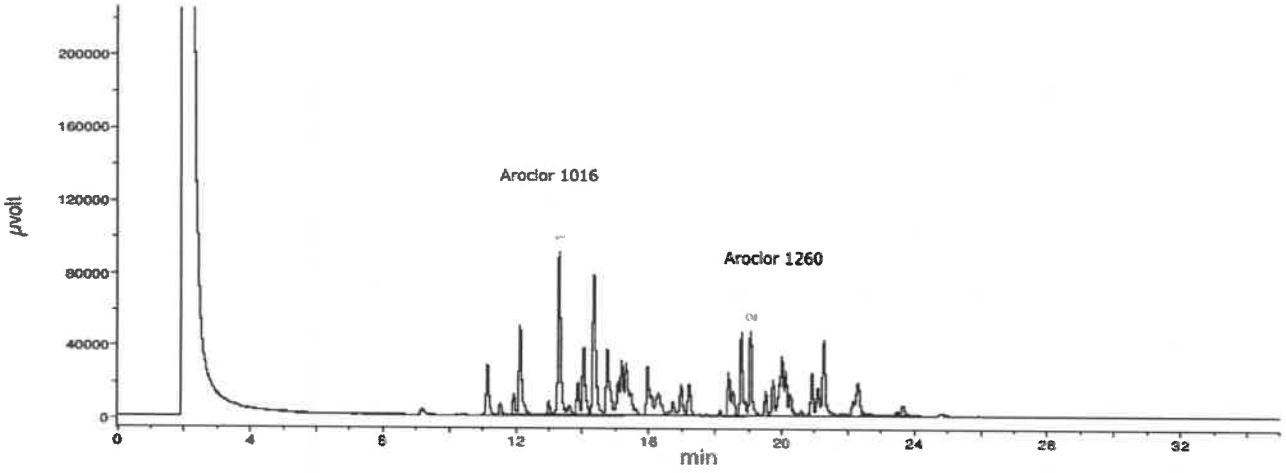
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

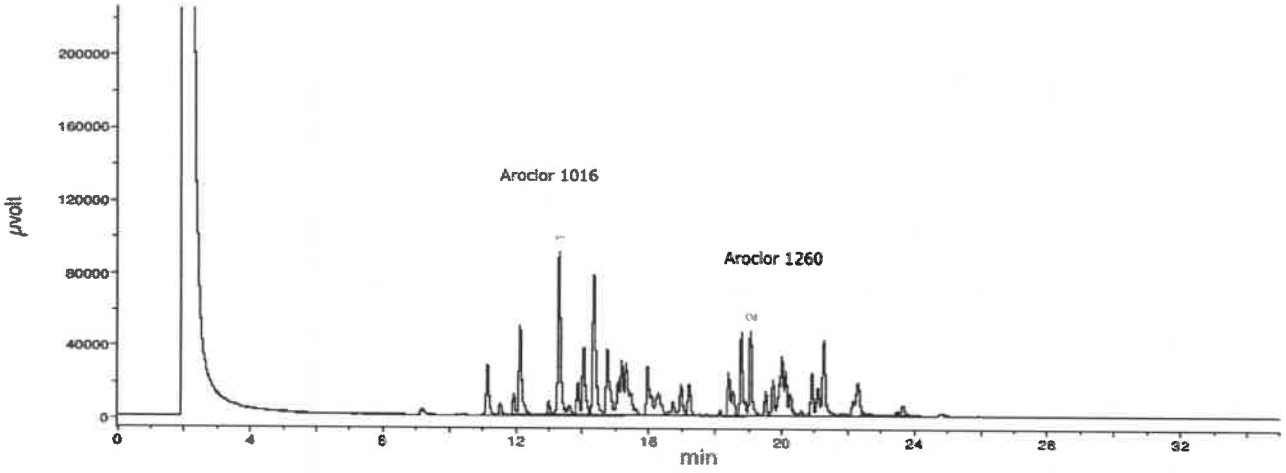
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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

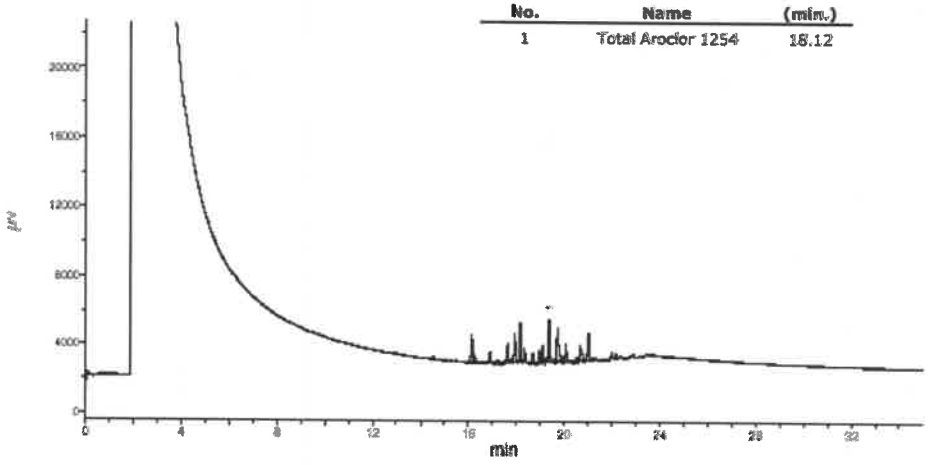
Note: Aroclor 1254 is a mix of isomers.

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

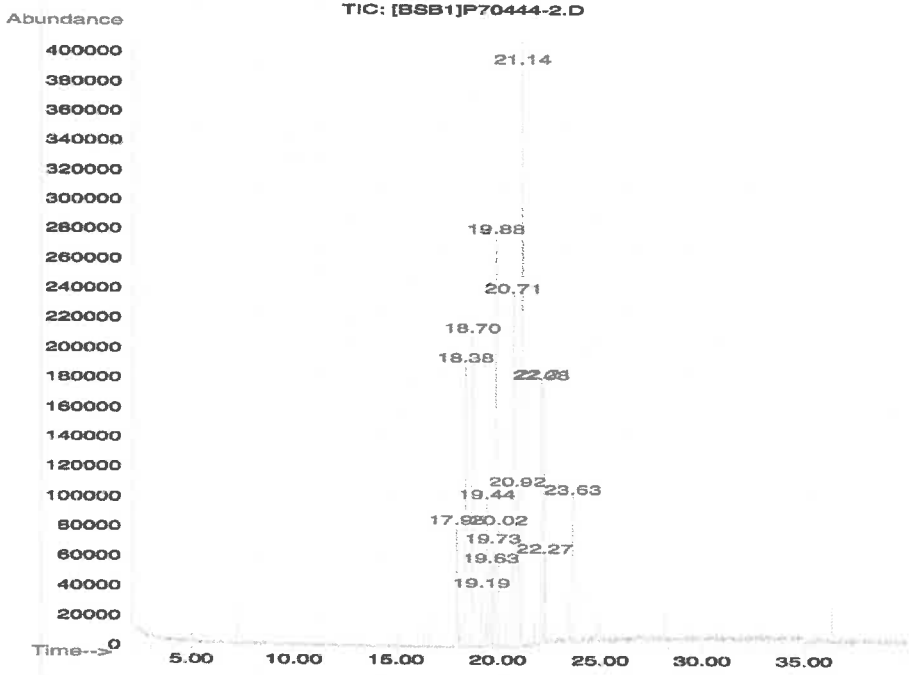
5E-05 Balance Uncertainty

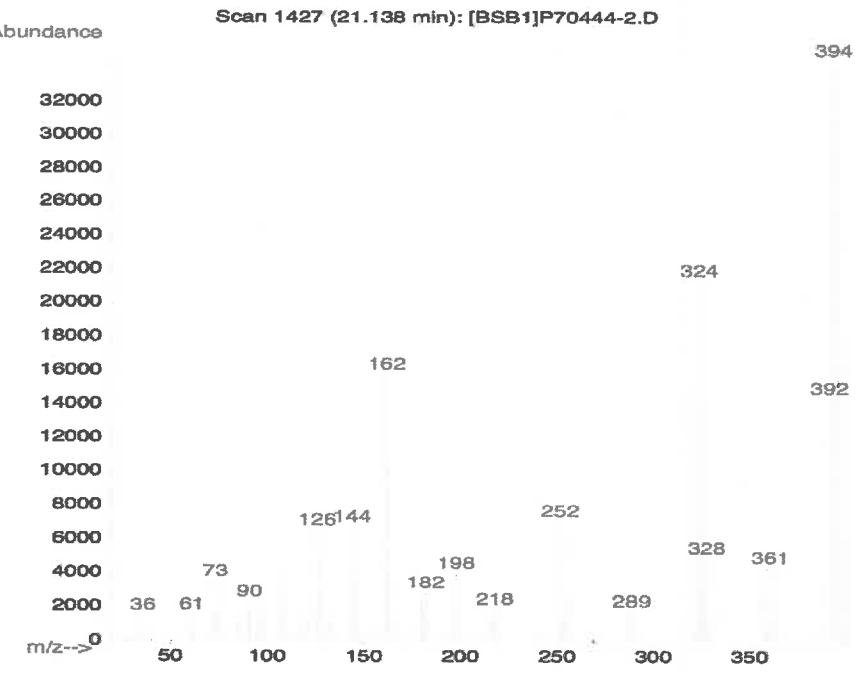
Formulated By: Prashant Chauhan	112322 DATE
Reviewed By: Pedro L. Rentas	112322 DATE

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





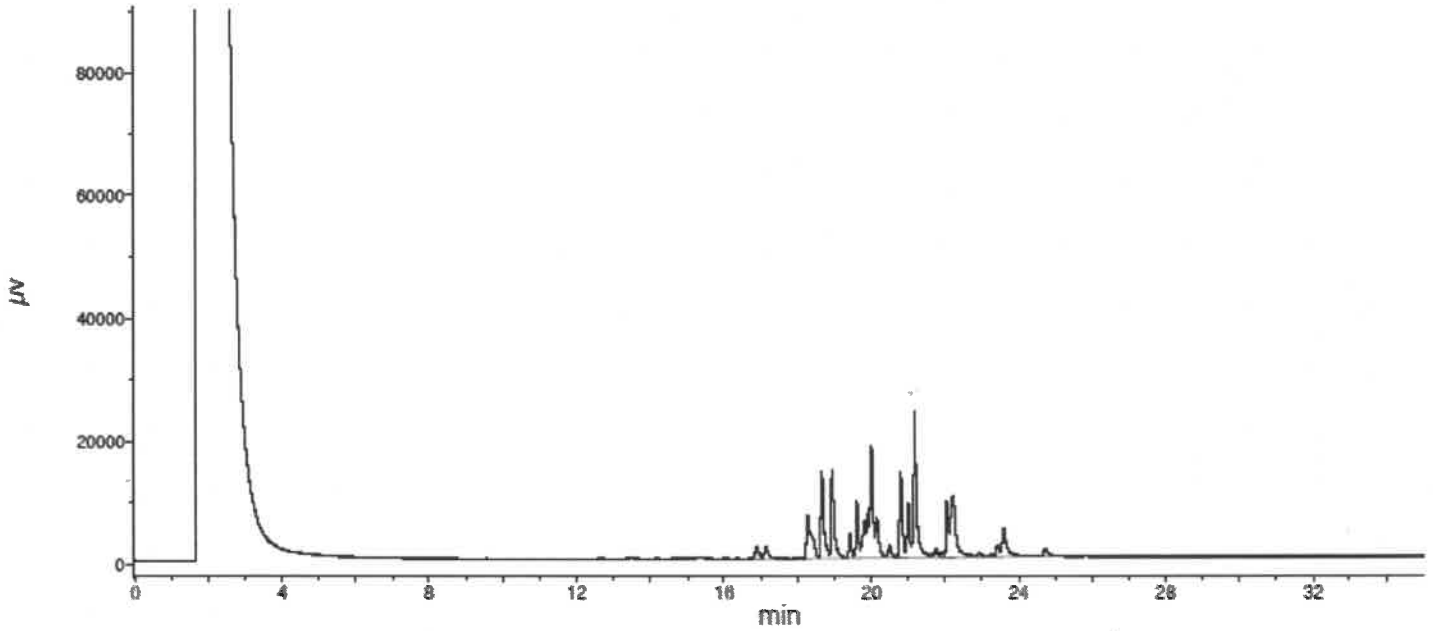
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, 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



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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.

P13348 → P13357 (10)

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

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

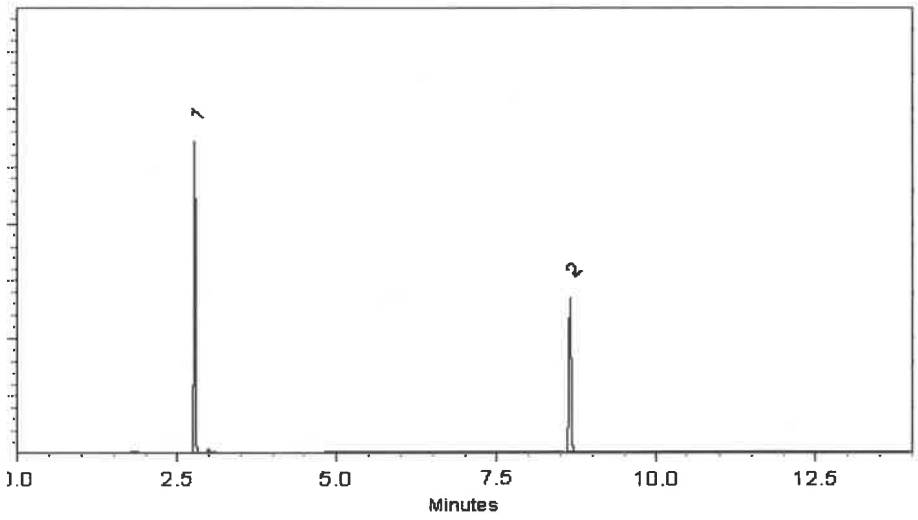
Inj. Temp:
250°C

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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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)

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

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

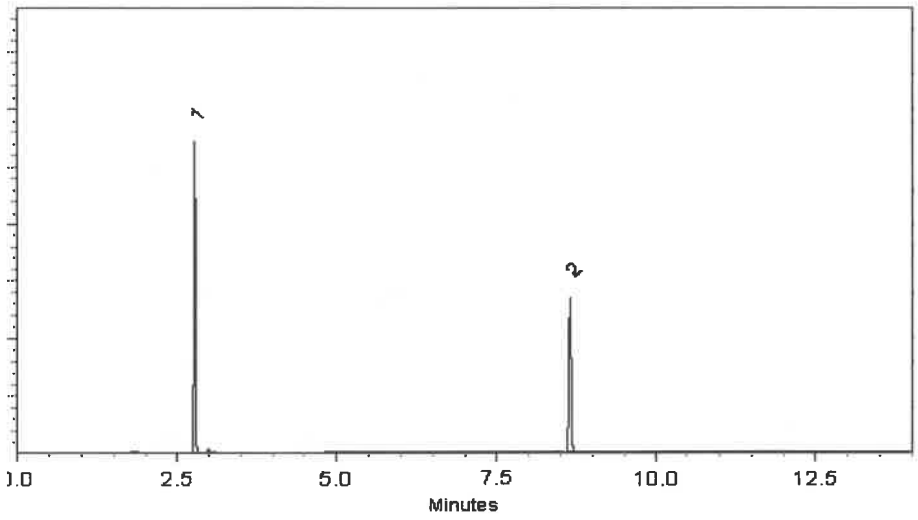
Inj. Temp:
250°C

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)

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P13357

04/25/2025

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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
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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. Q1433
QUOTE NO.
COC Number 2046159

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ATLAS
ADDRESS: 104 E 25th, 8th Fl
CITY NY STATE: NY ZIP: 10010
ATTENTION: denise
PHONE: 7184900614 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: K084-SCA 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)
- ☐ EDD FORMAT
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other

ANALYSIS

1: Total PCBs; 2; 3; 4; 5; 6; 7; 8; 9

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.	K084-1A	S		X	2-25-25	1130	1	X									
2.	K084-1B	S		X		1132	1	X									
3.	K084-1C	S		X		1134	1	X									HOLD
4.	K084-2A	S		X		1137	1	X									
5.	K084-2B	S		X		1139	1	X									
6.	K084-2C	S		X		1142	1	X									HOLD
7.	K084-3A	S		X		1145	1	X									
8.	K084-3B	S		X		1147	1	X									
9.	K084-3C	S		X		1150	1	X									HOLD
10.	K084-4A	S		X	↓	1155	1	X									

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
RELINQUISHED BY SAMPLER:	DATE/TIME: 1535	RECEIVED BY:
2.		2.
RELINQUISHED BY SAMPLER:	DATE/TIME: 2.26.25	RECEIVED BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.7 °C
Comments: Hold pending sample results

Page 1 of 5

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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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