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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

Alliance TECHNICAL GROUP

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LAB CHRONICLE

OrderID:	Q2911	**OrderDate:**	8/20/2025 2:01:00 PM
Client:	ATC Group Services LLC	**Project:**	SCA-K262
Contact:	Denise Cosenza	**Location:**	J23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2911-01	**K262-1A**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-01DL	**K262-1ADL**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/23/25	
Q2911-02	**K262-1B**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-02DL	**K262-1BDL**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/23/25	
Q2911-03	**K262-1C**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-04	**K262-2A**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-05	**K262-2B**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-06	**K262-2C**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-07	**K262-3A**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-08	**K262-3B**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-09	**K262-3C**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/25/25	
Q2911-10	**K262-4A**	**SOIL**			**08/19/25**			**08/20/25**

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LAB CHRONICLE

			PCB Group1	8082A		08/22/25	08/25/25	
Q2911-11	**K262-4B**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/25/25	
Q2911-12	**K262-4C**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/25/25	
Q2911-13	**K262-5A**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-14	**K262-5B**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-15	**K262-5C**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-16	**K262-6C**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-16DL	**K262-6CDL**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/25/25	
Q2911-17	**K262-7C**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	
Q2911-18	**K262-8A**	**SOIL**			**08/19/25**			**08/20/25**
			PCB Group1	8082A		08/22/25	08/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2911 **Order ID:** Q2911

Client: ATC Group Services LLC **Project ID:** SCA-K262

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : K262-1A								
Q2911-01	K262-1A	SOIL	Aroclor-1254	508	E	3.60	19.0	ug/kg
			Total Concentration:	**508.000**				
Client ID : K262-1ADL								
Q2911-01DL	K262-1ADL	SOIL	Aroclor-1254	447	D	7.20	38.1	ug/kg
			Total Concentration:	**447.000**				
Client ID : K262-1B								
Q2911-02	K262-1B	SOIL	Aroclor-1254	432	E	3.60	19.2	ug/kg
			Total Concentration:	**432.000**				
Client ID : K262-1BDL								
Q2911-02DL	K262-1BDL	SOIL	Aroclor-1254	397	D	7.30	38.4	ug/kg
			Total Concentration:	**397.000**				
Client ID : K262-2C								
Q2911-06	K262-2C	SOIL	Aroclor-1254	132		3.50	18.5	ug/kg
			Total Concentration:	**132.000**				
Client ID : K262-6C								
Q2911-16	K262-6C	SOIL	Aroclor-1254	444	E	3.80	20.0	ug/kg
			Total Concentration:	**444.000**				
Client ID : K262-6CDL								
Q2911-16DL	K262-6CDL	SOIL	Aroclor-1254	380	D	7.50	39.9	ug/kg
			Total Concentration:	**380.000**				
Client ID : K262-7C								
Q2911-17	K262-7C	SOIL	Aroclor-1254	252		3.90	20.7	ug/kg
			Total Concentration:	**252.000**				

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Hit Summary Sheet
SW-846

SDG No.: Q2911 **Order ID:** Q2911

Client: ATC Group Services LLC **Project ID:** SCA-K262

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

QC
SUMMARY

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Surrogate Summary

SDG No.: Q2911

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO113002.D	PIBLK-PO113002.D	Tetrachloro-m-xyl	1	20	16.6	83		60	140
		Decachlorobiphen	1	20	17.2	86		60	140
		Tetrachloro-m-xyl	2	20	16.9	84		60	140
		Decachlorobiphen	2	20	18.1	91		60	140
I.BLK-PO113167.D	PIBLK-PO113167.D	Tetrachloro-m-xyl	1	20	17.9	90		60	140
		Decachlorobiphen	1	20	18.6	93		60	140
		Tetrachloro-m-xyl	2	20	17.5	88		60	140
		Decachlorobiphen	2	20	18.9	95		60	140
Q2911-03	K262-1C	Tetrachloro-m-xyl	1	20	17.2	86		32	144
		Decachlorobiphen	1	20	16.2	81		32	175
		Tetrachloro-m-xyl	2	20	16.8	84		32	144
		Decachlorobiphen	2	20	16.8	84		32	175
Q2911-04	K262-2A	Tetrachloro-m-xyl	1	20	18.4	92		32	144
		Decachlorobiphen	1	20	19.6	98		32	175
		Tetrachloro-m-xyl	2	20	17.7	89		32	144
		Decachlorobiphen	2	20	21.6	108		32	175
I.BLK-PO113182.D	PIBLK-PO113182.D	Tetrachloro-m-xyl	1	20	17.9	89		60	140
		Decachlorobiphen	1	20	18.1	91		60	140
		Tetrachloro-m-xyl	2	20	17.3	86		60	140
		Decachlorobiphen	2	20	18.5	92		60	140
Q2911-05	K262-2B	Tetrachloro-m-xyl	1	20	17.9	90		32	144
		Decachlorobiphen	1	20	21.7	108		32	175
		Tetrachloro-m-xyl	2	20	17.5	87		32	144
		Decachlorobiphen	2	20	23.5	117		32	175
Q2911-06	K262-2C	Tetrachloro-m-xyl	1	20	19.7	99		32	144
		Decachlorobiphen	1	20	19.7	98		32	175
		Tetrachloro-m-xyl	2	20	18.6	93		32	144
		Decachlorobiphen	2	20	21.8	109		32	175
Q2911-06MS	K262-2CMS	Tetrachloro-m-xyl	1	20	20.3	102		32	144
		Decachlorobiphen	1	20	19.7	99		32	175
		Tetrachloro-m-xyl	2	20	19.2	96		32	144
		Decachlorobiphen	2	20	21.7	109		32	175
Q2911-06MSD	K262-2CMSD	Tetrachloro-m-xyl	1	20	21.9	110		32	144
		Decachlorobiphen	1	20	27.0	135		32	175
		Tetrachloro-m-xyl	2	20	20.9	104		32	144
		Decachlorobiphen	2	20	29.6	148		32	175
Q2911-07	K262-3A	Tetrachloro-m-xyl	1	20	19.1	96		32	144
		Decachlorobiphen	1	20	21.8	109		32	175
		Tetrachloro-m-xyl	2	20	18.3	91		32	144
		Decachlorobiphen	2	20	24.5	122		32	175
Q2911-08	K262-3B	Tetrachloro-m-xyl	1	20	20.1	100		32	144

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Surrogate Summary

SDG No.: Q2911

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q2911-08	K262-3B	Decachlorobiphen	1	20	26.0	130		32	175
		Tetrachloro-m-xyl	2	20	19.1	96		32	144
		Decachlorobiphen	2	20	29.9	150		32	175
I.BLK-PO113197.D	PIBLK-PO113197.D	Tetrachloro-m-xyl	1	20	17.8	89		60	140
		Decachlorobiphen	1	20	16.3	82		60	140
		Tetrachloro-m-xyl	2	20	17.3	86		60	140
		Decachlorobiphen	2	20	18.2	91		60	140
I.BLK-PP074490.D	PIBLK-PP074490.D	Tetrachloro-m-xyl	1	20	17.8	89		60	140
		Decachlorobiphen	1	20	18.2	91		60	140
		Tetrachloro-m-xyl	2	20	15.7	78		60	140
		Decachlorobiphen	2	20	16.9	85		60	140
I.BLK-PP074566.D	PIBLK-PP074566.D	Tetrachloro-m-xyl	1	20	18.4	92		60	140
		Decachlorobiphen	1	20	20.5	102		60	140
		Tetrachloro-m-xyl	2	20	15.6	78		60	140
		Decachlorobiphen	2	20	16.3	82		60	140
PB169353BL	PB169353BL	Tetrachloro-m-xyl	1	20	19.8	99		32	144
		Decachlorobiphen	1	20	22.2	111		32	175
		Tetrachloro-m-xyl	2	20	16.6	83		32	144
		Decachlorobiphen	2	20	17.8	89		32	175
PB169353BS	PB169353BS	Tetrachloro-m-xyl	1	20	20.1	100		32	144
		Decachlorobiphen	1	20	22.1	110		32	175
		Tetrachloro-m-xyl	2	20	17.5	88		32	144
		Decachlorobiphen	2	20	18.0	90		32	175
Q2911-01	K262-1A	Tetrachloro-m-xyl	1	20	15.6	78		32	144
		Decachlorobiphen	1	20	15.3	76		32	175
		Tetrachloro-m-xyl	2	20	13.1	66		32	144
		Decachlorobiphen	2	20	15.7	79		32	175
Q2911-02	K262-1B	Tetrachloro-m-xyl	1	20	15.6	78		32	144
		Decachlorobiphen	1	20	14.7	73		32	175
		Tetrachloro-m-xyl	2	20	12.6	63		32	144
		Decachlorobiphen	2	20	14.1	70		32	175
I.BLK-PP074581.D	PIBLK-PP074581.D	Tetrachloro-m-xyl	1	20	18.1	91		60	140
		Decachlorobiphen	1	20	20.2	101		60	140
		Tetrachloro-m-xyl	2	20	14.8	74		60	140
		Decachlorobiphen	2	20	15.9	79		60	140
Q2911-13	K262-5A	Tetrachloro-m-xyl	1	20	20.0	100		32	144
		Decachlorobiphen	1	20	17.9	90		32	175
		Tetrachloro-m-xyl	2	20	16.4	82		32	144
		Decachlorobiphen	2	20	36.8	184	*	32	175
Q2911-14	K262-5B	Tetrachloro-m-xyl	1	20	20.9	104		32	144
		Decachlorobiphen	1	20	21.2	106		32	175

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Surrogate Summary

SDG No.: Q2911

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q2911-14	K262-5B	Tetrachloro-m-xyl	2	20	17.3	86		32	144
		Decachlorobiphen	2	20	41.5	208	*	32	175
Q2911-15	K262-5C	Tetrachloro-m-xyl	1	20	20.5	103		32	144
		Decachlorobiphen	1	20	18.4	92		32	175
		Tetrachloro-m-xyl	2	20	16.8	84		32	144
		Decachlorobiphen	2	20	37.6	188	*	32	175
Q2911-16	K262-6C	Tetrachloro-m-xyl	1	20	18.2	91		32	144
		Decachlorobiphen	1	20	16.0	80		32	175
		Tetrachloro-m-xyl	2	20	15.9	79		32	144
		Decachlorobiphen	2	20	17.8	89		32	175
Q2911-17	K262-7C	Tetrachloro-m-xyl	1	20	18.3	92		32	144
		Decachlorobiphen	1	20	20.0	100		32	175
		Tetrachloro-m-xyl	2	20	14.8	74		32	144
		Decachlorobiphen	2	20	16.8	84		32	175
Q2911-18	K262-8A	Tetrachloro-m-xyl	1	20	20.6	103		32	144
		Decachlorobiphen	1	20	20.4	102		32	175
		Tetrachloro-m-xyl	2	20	17.6	88		32	144
		Decachlorobiphen	2	20	33.0	165		32	175
I.BLK-PP074596.D	PIBLK-PP074596.D	Tetrachloro-m-xyl	1	20	18.3	92		60	140
		Decachlorobiphen	1	20	20.1	101		60	140
		Tetrachloro-m-xyl	2	20	15.5	78		60	140
		Decachlorobiphen	2	20	15.6	78		60	140
I.BLK-PP074611.D	PIBLK-PP074611.D	Tetrachloro-m-xyl	1	20	18.1	90		60	140
		Decachlorobiphen	1	20	19.0	95		60	140
		Tetrachloro-m-xyl	2	20	15.2	76		60	140
		Decachlorobiphen	2	20	13.8	69		60	140
Q2911-01DL	K262-1ADL	Tetrachloro-m-xyl	1	20	15.4	77		32	144
		Decachlorobiphen	1	20	14.5	73		32	175
		Tetrachloro-m-xyl	2	20	11.1	56		32	144
		Decachlorobiphen	2	20	14.3	72		32	175
Q2911-02DL	K262-1BDL	Tetrachloro-m-xyl	1	20	15.8	79		32	144
		Decachlorobiphen	1	20	14.8	74		32	175
		Tetrachloro-m-xyl	2	20	11.6	58		32	144
		Decachlorobiphen	2	20	13.1	66		32	175
I.BLK-PP074623.D	PIBLK-PP074623.D	Tetrachloro-m-xyl	1	20	18.7	94		60	140
		Decachlorobiphen	1	20	19.6	98		60	140
		Tetrachloro-m-xyl	2	20	15.3	77		60	140
		Decachlorobiphen	2	20	14.2	71		60	140
I.BLK-PP074629.D	PIBLK-PP074629.D	Tetrachloro-m-xyl	1	20	19.2	96		60	140
		Decachlorobiphen	1	20	20.9	104		60	140
		Tetrachloro-m-xyl	2	20	17.3	86		60	140

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Surrogate Summary

SDG No.: Q2911

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP074629.D	PIBLK-PP074629.D	Decachlorobiphen	2	20	15.4	77		60	140
Q2911-09	K262-3C	Tetrachloro-m-xyl	1	20	18.4	92		32	144
		Decachlorobiphen	1	20	17.2	86		32	175
		Tetrachloro-m-xyl	2	20	15.7	79		32	144
		Decachlorobiphen	2	20	29.9	150		32	175
Q2911-10	K262-4A	Tetrachloro-m-xyl	1	20	18.2	91		32	144
		Decachlorobiphen	1	20	17.5	87		32	175
		Tetrachloro-m-xyl	2	20	15.2	76		32	144
		Decachlorobiphen	2	20	29.5	148		32	175
Q2911-11	K262-4B	Tetrachloro-m-xyl	1	20	18.1	91		32	144
		Decachlorobiphen	1	20	17.6	88		32	175
		Tetrachloro-m-xyl	2	20	15.6	78		32	144
		Decachlorobiphen	2	20	29.5	148		32	175
Q2911-12	K262-4C	Tetrachloro-m-xyl	1	20	17.2	86		32	144
		Decachlorobiphen	1	20	15.6	78		32	175
		Tetrachloro-m-xyl	2	20	13.7	69		32	144
		Decachlorobiphen	2	20	28.2	141		32	175
Q2911-16DL	K262-6CDL	Tetrachloro-m-xyl	1	20	18.1	91		32	144
		Decachlorobiphen	1	20	15.0	75		32	175
		Tetrachloro-m-xyl	2	20	12.6	63		32	144
		Decachlorobiphen	2	20	15.1	76		32	175
I.BLK-PP074643.D	PIBLK-PP074643.D	Tetrachloro-m-xyl	1	20	17.2	86		60	140
		Decachlorobiphen	1	20	20.6	103		60	140
		Tetrachloro-m-xyl	2	20	15.3	76		60	140
		Decachlorobiphen	2	20	15.7	79		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2911 **Analytical Method:** 8082A

Client: ATC Group Services LLC **DataFile :** PO113185.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2911-06MS (Column 1)**	**Client Sample ID:**		**K262-2CMS**								
	AR1016	181.1	0	156	ug/kg	86				55	146	
	AR1260	181.1	0	209	ug/kg	115				54	119	
Lab Sample ID:	**Q2911-06MS (Column 2)**	**Client Sample ID:**		**K262-2CMS**								
	AR1016	181.1	0	160	ug/kg	88				55	146	
	AR1260	181.1	0	208	ug/kg	115				54	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2911 **Analytical Method:** 8082A

Client: ATC Group Services LLC **DataFile :** PO113186.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2911-06MSD (Column 1)**	**Client Sample ID:**		**K262-2CMSD**								
	AR1016	181.2	0	157	ug/kg	87		1		55	146	15
	AR1260	181.2	0	215	ug/kg	119		3		54	119	15
Lab Sample ID:	**Q2911-06MSD (Column 2)**	**Client Sample ID:**		**K262-2CMSD**								
	AR1016	181.2	0	162	ug/kg	89		1		55	146	15
	AR1260	181.2	0	208	ug/kg	115		0		54	119	15

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2911 **Analytical Method:** 8082A

Client: ATC Group Services LLC **Datafile :** PP074574.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169353BS (Column 1)	AR1016	166.5	142	ug/kg	85				71	120	
	AR1260	166.5	137	ug/kg	82				65	130	
PB169353BS (Column 2)	AR1016	166.5	124	ug/kg	74				71	120	
	AR1260	166.5	125	ug/kg	75				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169353BL

Lab Name: Alliance | Contract: ATCE02

Lab Code: ACE | SDG NO.: Q2911

Lab Sample ID: PB169353BL | Lab File ID: PP074573.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 08/22/2025

Date Analyzed (1): 08/22/2025 | Date Analyzed (2): 08/22/2025

Time Analyzed (1): 12:21 | Time Analyzed (2): 12:21

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
K262-1C	Q2911-03	PO113176.D	08/22/2025	08/22/2025
K262-2A	Q2911-04	PO113177.D	08/22/2025	08/22/2025
K262-2B	Q2911-05	PO113183.D	08/22/2025	08/22/2025
K262-2C	Q2911-06	PO113184.D	08/22/2025	08/22/2025
K262-2CMS	Q2911-06MS	PO113185.D	08/22/2025	08/22/2025
K262-2CMSD	Q2911-06MSD	PO113186.D	08/22/2025	08/22/2025
K262-3A	Q2911-07	PO113187.D	08/22/2025	08/22/2025
K262-3B	Q2911-08	PO113188.D	08/22/2025	08/22/2025
PB169353BS	PB169353BS	PP074574.D	08/22/2025	08/22/2025
K262-1A	Q2911-01	PP074575.D	08/22/2025	08/22/2025
K262-1B	Q2911-02	PP074576.D	08/22/2025	08/22/2025
K262-5A	Q2911-13	PP074584.D	08/22/2025	08/22/2025
K262-5B	Q2911-14	PP074585.D	08/22/2025	08/22/2025
K262-5C	Q2911-15	PP074586.D	08/22/2025	08/22/2025
K262-6C	Q2911-16	PP074587.D	08/22/2025	08/22/2025
K262-7C	Q2911-17	PP074588.D	08/22/2025	08/22/2025
K262-8A	Q2911-18	PP074589.D	08/22/2025	08/22/2025
K262-3C	Q2911-09	PP074631.D	08/25/2025	08/25/2025
K262-4A	Q2911-10	PP074632.D	08/25/2025	08/25/2025
K262-4B	Q2911-11	PP074633.D	08/25/2025	08/25/2025
K262-4C	Q2911-12	PP074634.D	08/25/2025	08/25/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-1A	SDG No.:	Q2911
Lab Sample ID:	Q2911-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.1 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
PP074575.D	1	08/22/25 08:10	08/22/25 12:53	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.0	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.0	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.0	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.0	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	19.0	ug/kg
11097-69-1	Aroclor-1254	508	E	3.60	19.0	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	19.0	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	19.0	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.0	ug/kg
Total PCBs	Total PCBs	508		3.60	19.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.6		32 - 144	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.7		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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 12:53
Operator : YP\AJ
Sample : Q2911-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-1A

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:28:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.800	19131175	63383597	15.634	13.108
2)	SA Decachlor...	10.440	8.814	15059785	118.0E6	15.250	15.738
	Target Compounds						
26)	L6 AR-1254-1	6.659	5.684	47371714	256.9E6	812.977	538.965 #
27)	L6 AR-1254-2	6.874	5.829	64213838	309.9E6	786.780	880.108
28)	L6 AR-1254-3	7.237	6.230	82452621	651.1E6	924.290	1050.427m
29)	L6 AR-1254-4	7.518	6.459	64234165	573.3E6	974.521	1223.289 #
30)	L6 AR-1254-5	7.938	6.876	188.5E6	1525.6E6	2269.289	3110.267 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 12:53
Operator : YP\AJ
Sample : Q2911-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

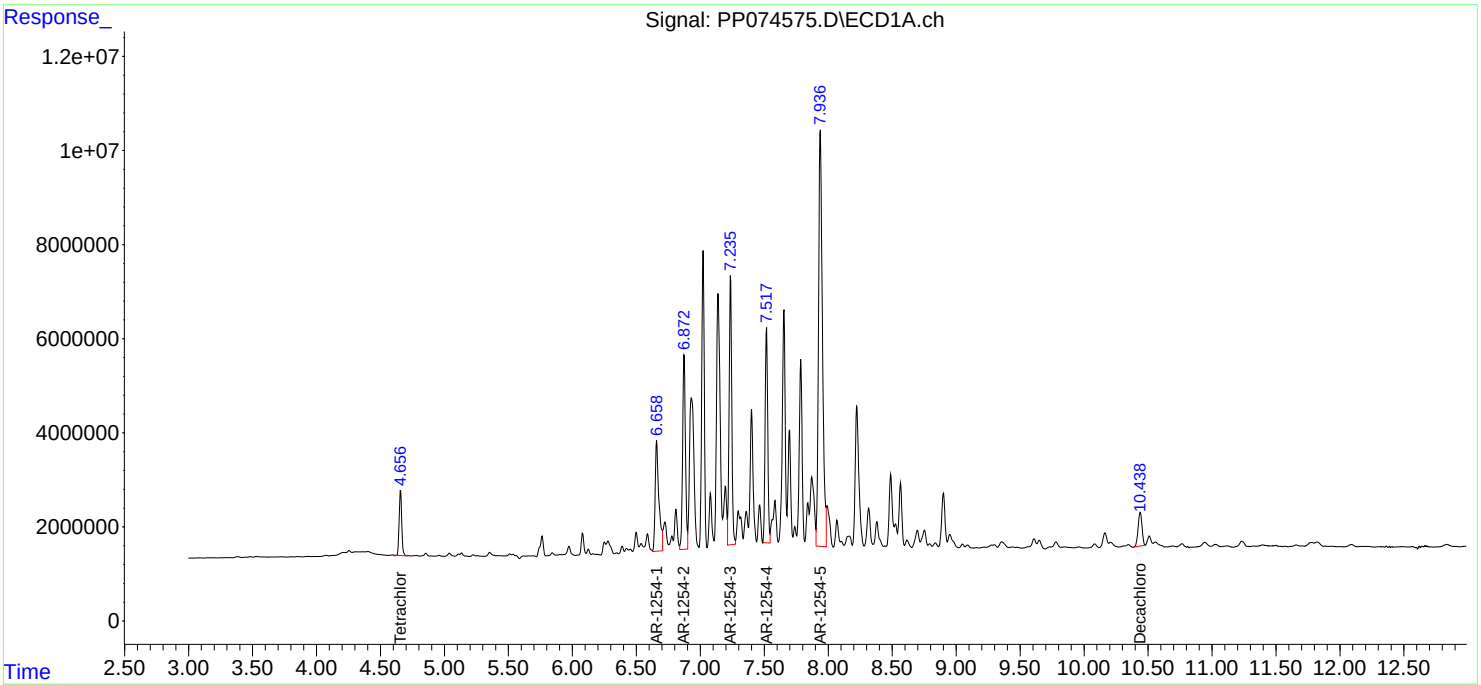
Instrument :
ECD_P
ClientSampleId :
K262-1A

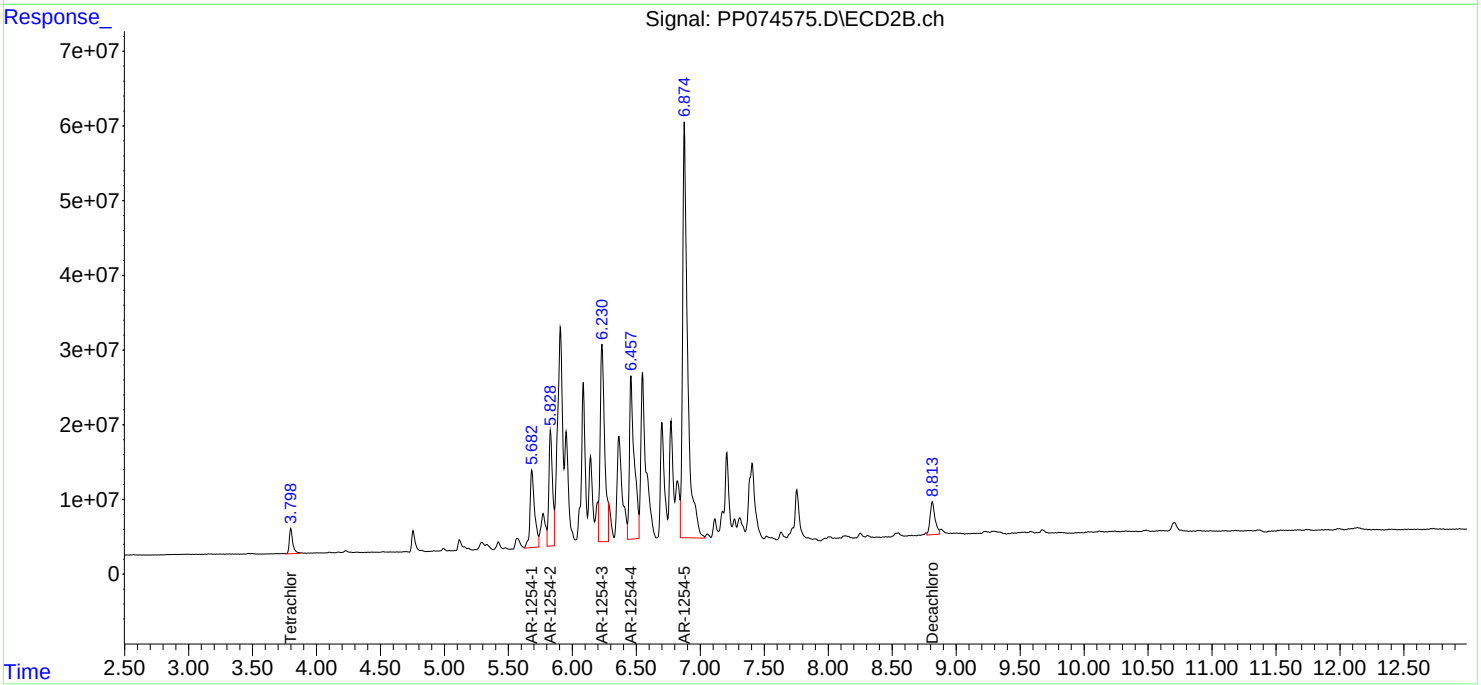
Manual Integrations APPROVED

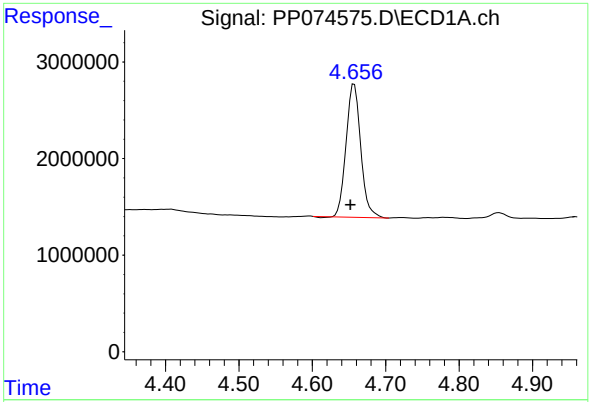
Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:28:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







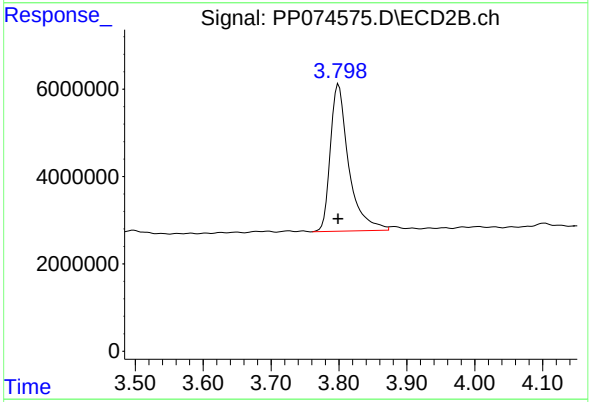
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 19131175
Conc: 15.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1A

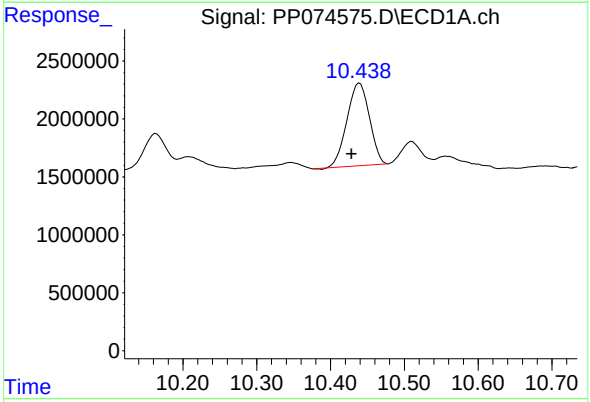
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



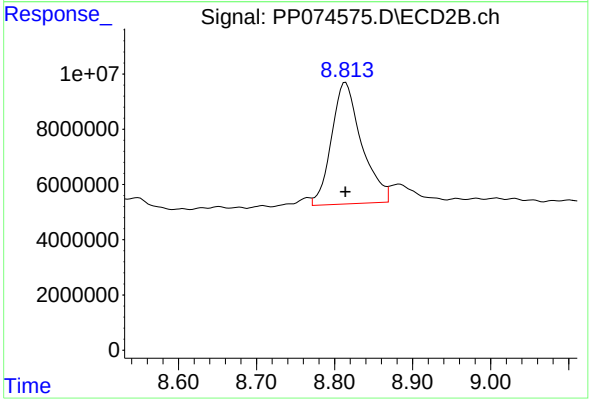
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 63383597
Conc: 13.11 ng/ml



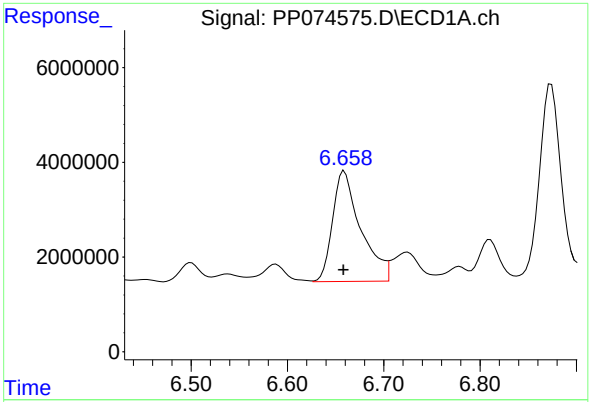
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.011 min
Response: 15059785
Conc: 15.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 118023040
Conc: 15.74 ng/ml



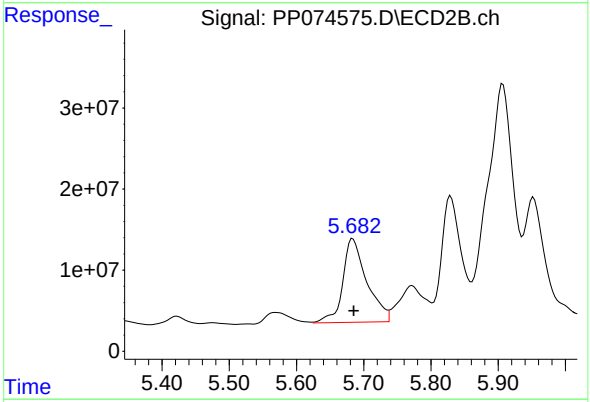
#26 AR-1254-1

R.T.: 6.659 min
Delta R.T.: 0.001 min
Response: 47371714
Conc: 812.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1A

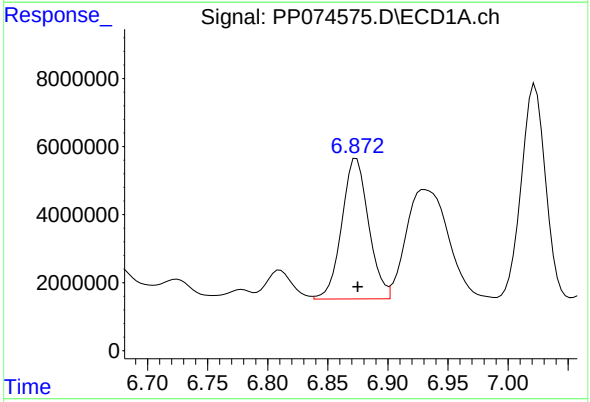
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



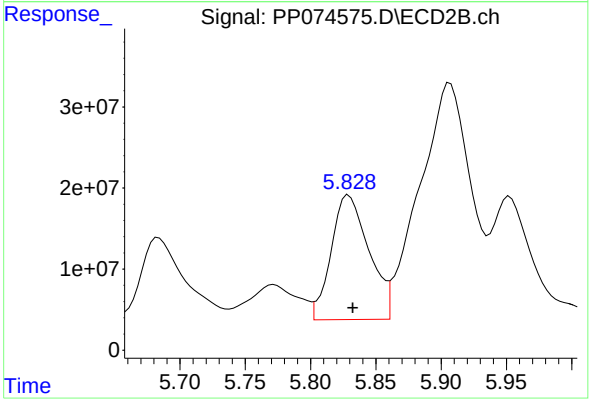
#26 AR-1254-1

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 256929998
Conc: 538.96 ng/ml



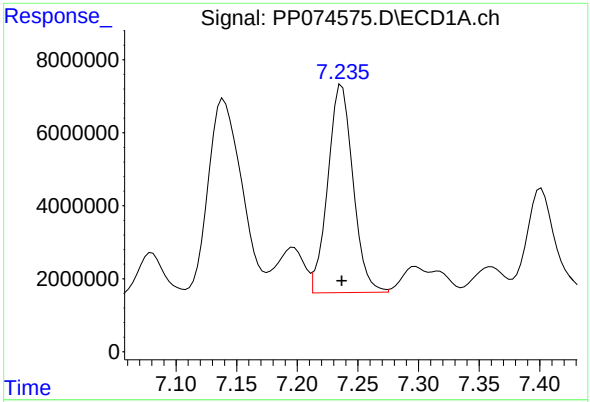
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: -0.001 min
Response: 64213838
Conc: 786.78 ng/ml



#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 309914622
Conc: 880.11 ng/ml



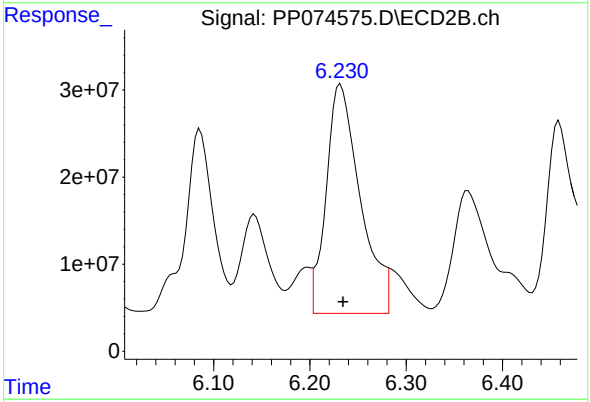
#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 82452621
Conc: 924.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1A

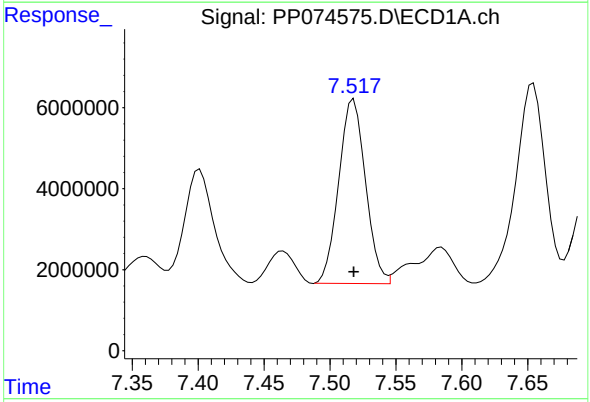
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



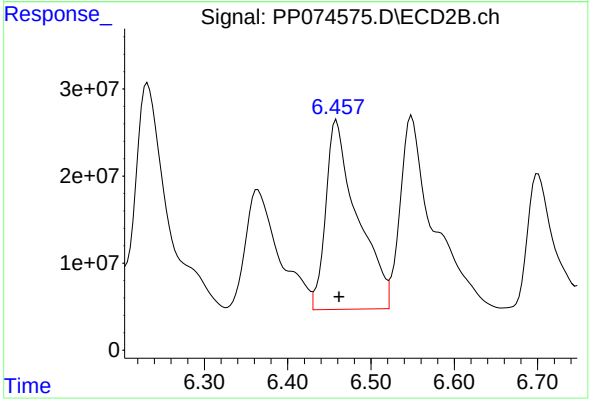
#28 AR-1254-3

R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 651060451
Conc: 1050.43 ng/ml m



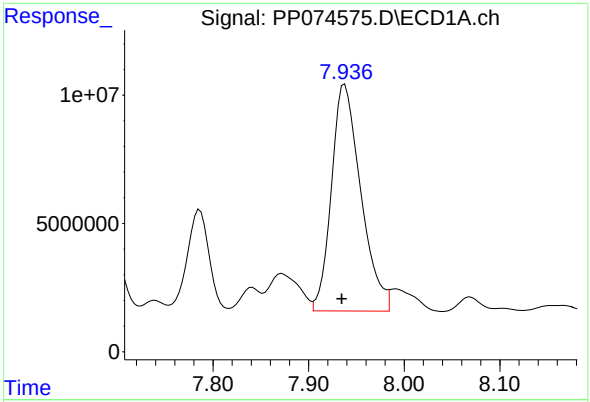
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 64234165
Conc: 974.52 ng/ml



#29 AR-1254-4

R.T.: 6.459 min
Delta R.T.: -0.003 min
Response: 573265580
Conc: 1223.29 ng/ml



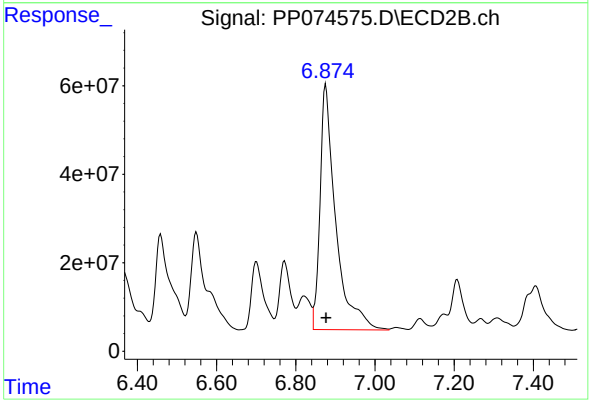
#30 AR-1254-5

R.T.: 7.938 min
Delta R.T.: 0.003 min
Response: 188543862
Conc: 2269.29 ng/m

Instrument :
ECD_P
ClientSampleId :
K262-1A

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



#30 AR-1254-5

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 1525589796
Conc: 3110.27 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-1ADL	SDG No.:	Q2911
Lab Sample ID:	Q2911-01DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.1 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
PP074617.D	2	08/22/25 08:10	08/23/25 04:04	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	8.90	UD	8.90	38.1	ug/kg
11104-28-2	Aroclor-1221	9.00	UD	9.00	38.1	ug/kg
11141-16-5	Aroclor-1232	8.30	UD	8.30	38.1	ug/kg
53469-21-9	Aroclor-1242	9.00	UD	9.00	38.1	ug/kg
12672-29-6	Aroclor-1248	13.3	UD	13.3	38.1	ug/kg
11097-69-1	Aroclor-1254	447	D	7.20	38.1	ug/kg
37324-23-5	Aroclor-1262	11.2	UD	11.2	38.1	ug/kg
11100-14-4	Aroclor-1268	8.10	UD	8.10	38.1	ug/kg
11096-82-5	Aroclor-1260	7.20	UD	7.20	38.1	ug/kg
Total PCBs	Total PCBs	447	D	7.20	38.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.4		32 - 144	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.5		32 - 175	73%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 04:04
Operator : YP\AJ
Sample : Q2911-01DL 2X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-1ADL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:40:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.799	9427686	26826840	7.704	5.548 #
2)	SA Decachlor...	10.434	8.811	7155613	53661080	7.246	7.156
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.683	24642849	113.4E6	422.912	237.969 #
27)	L6 AR-1254-2	6.872	5.829	32421690	147.3E6	397.247	418.176
28)	L6 AR-1254-3	7.234	6.229	40838146	294.9E6	457.794	475.745m
29)	L6 AR-1254-4	7.516	6.457	31767581	252.3E6	481.958	538.282
30)	L6 AR-1254-5	7.934	6.874	87399935	649.8E6	1051.934	1324.671 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 04:04
Operator : YP\AJ
Sample : Q2911-01DL 2X
Misc :
ALS Vial : 42 Sample Multiplier: 1

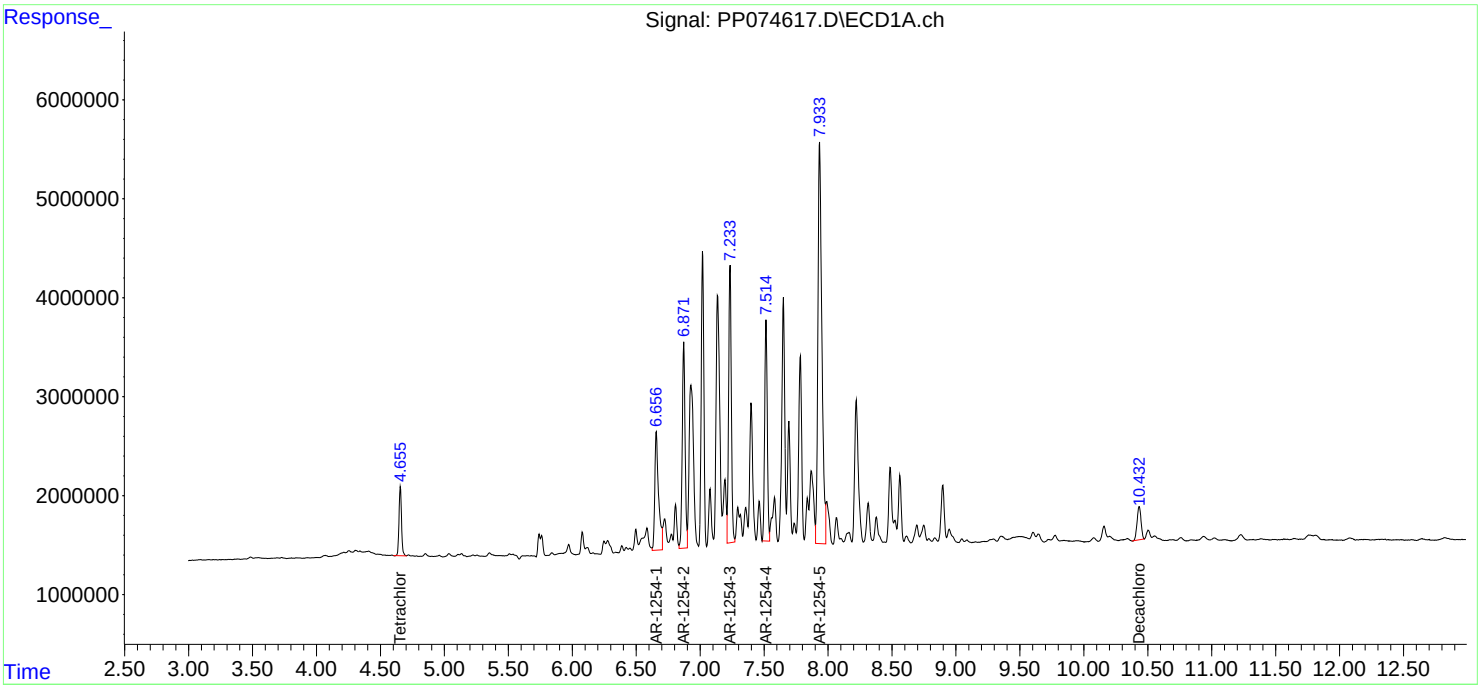
Instrument :
ECD_P
ClientSampleId :
K262-1ADL

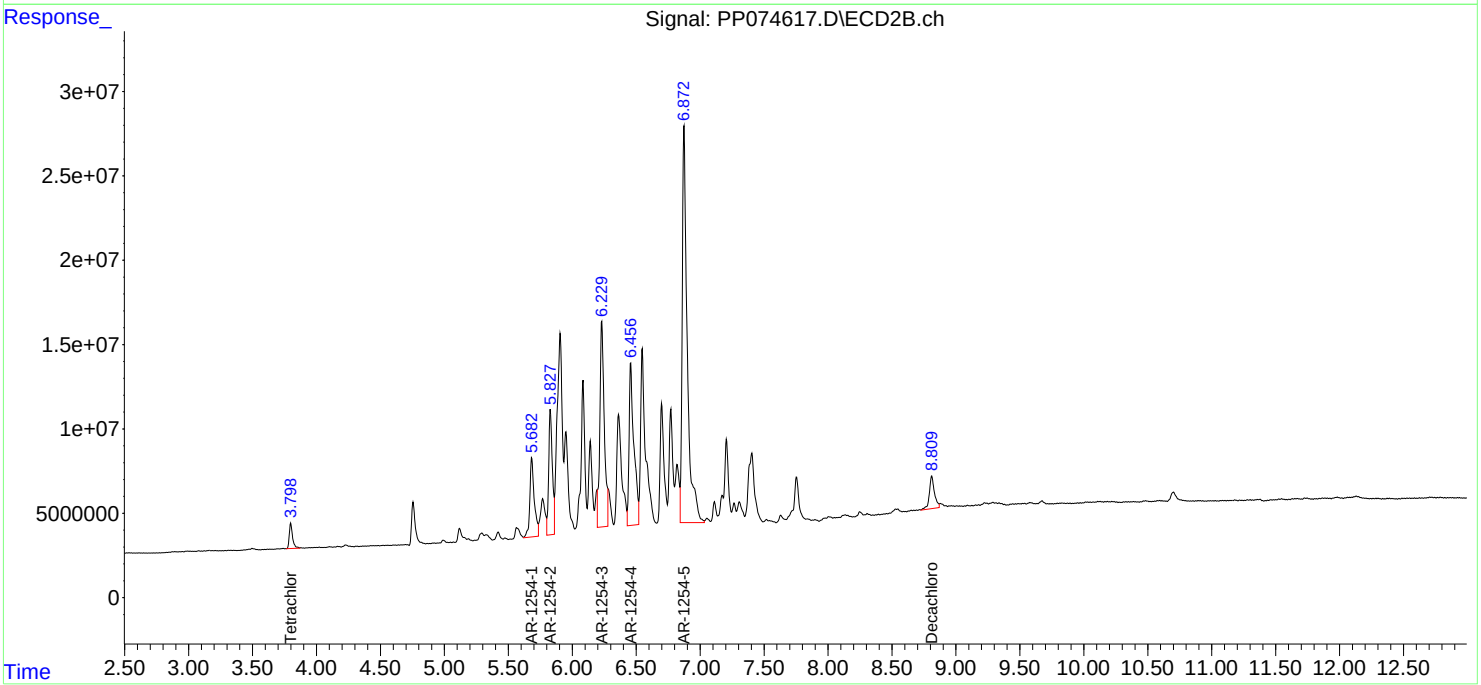
Manual Integrations APPROVED

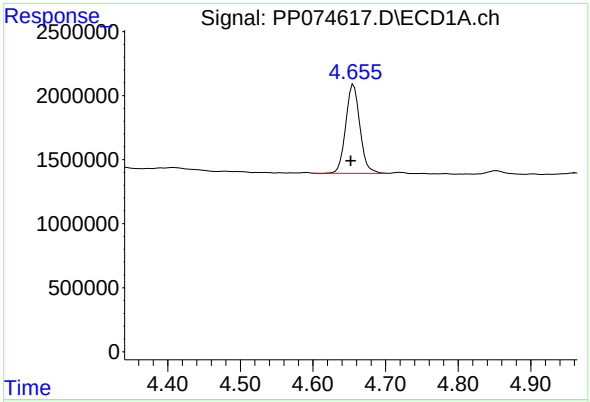
Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:40:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







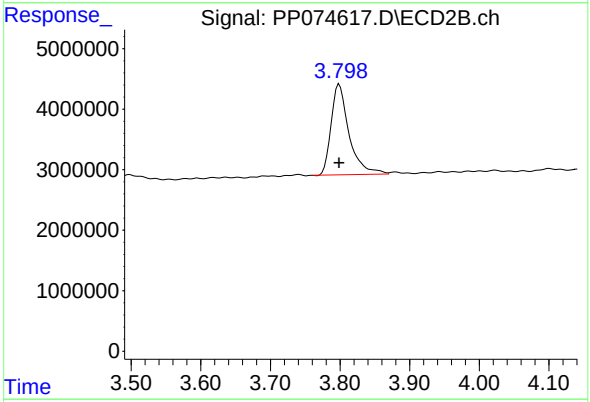
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.004 min
Response: 9427686
Conc: 7.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1ADL

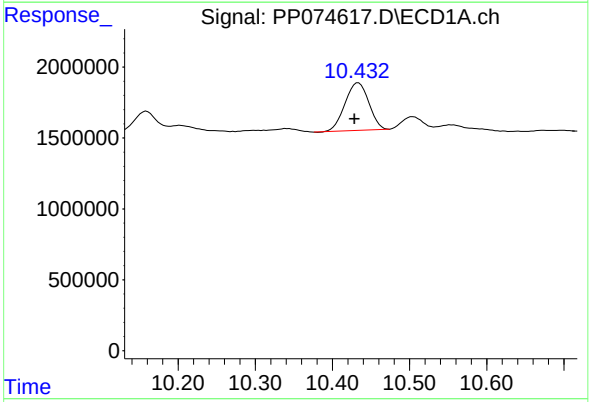
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



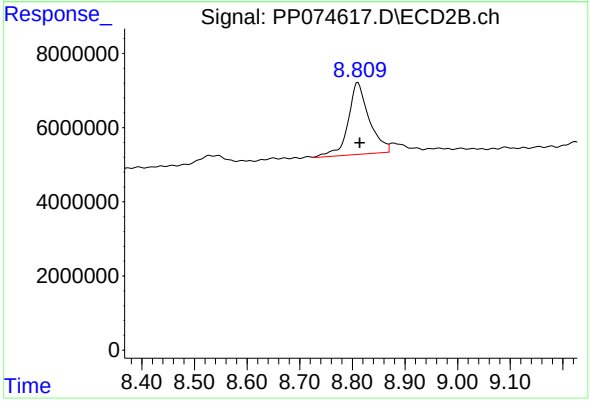
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 26826840
Conc: 5.55 ng/ml



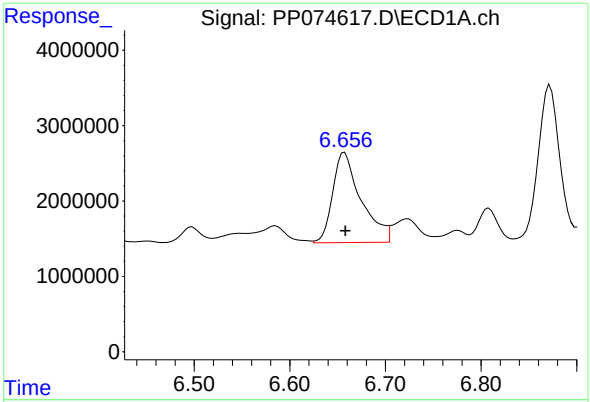
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.005 min
Response: 7155613
Conc: 7.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.811 min
Delta R.T.: -0.003 min
Response: 53661080
Conc: 7.16 ng/ml



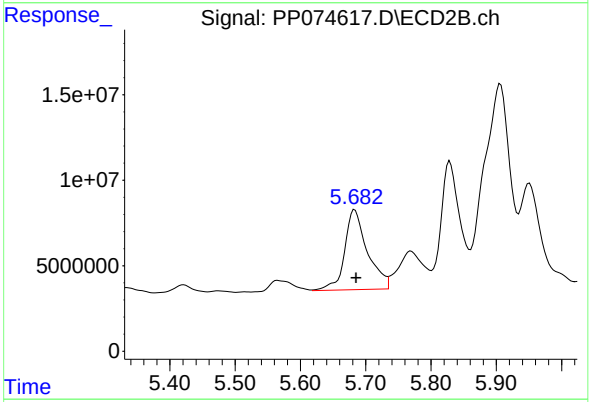
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 24642849
Conc: 422.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1ADL

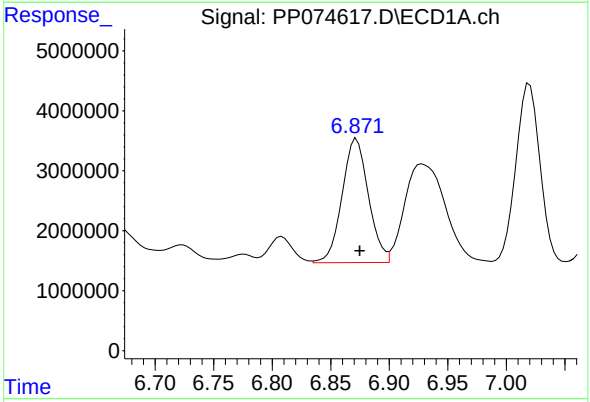
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



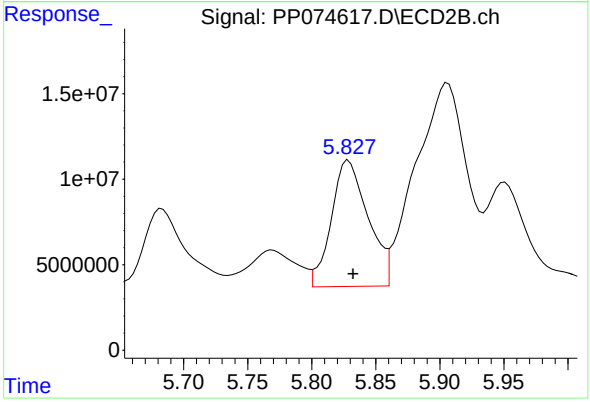
#26 AR-1254-1

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 113442243
Conc: 237.97 ng/ml



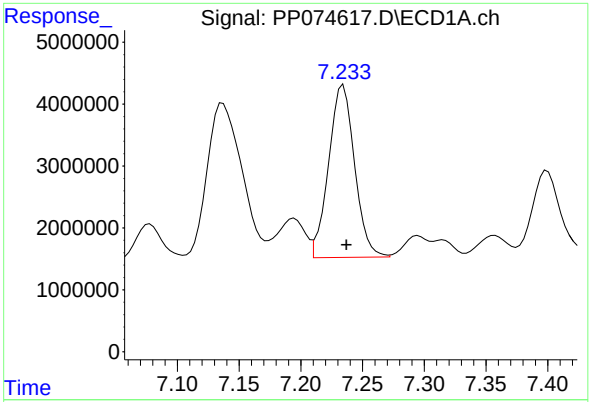
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 32421690
Conc: 397.25 ng/ml



#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 147253307
Conc: 418.18 ng/ml



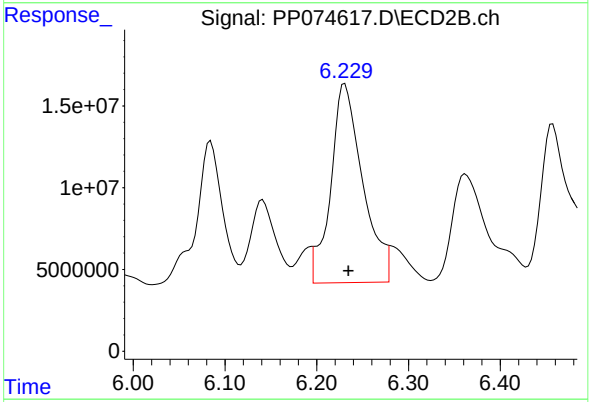
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 40838146
Conc: 457.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1ADL

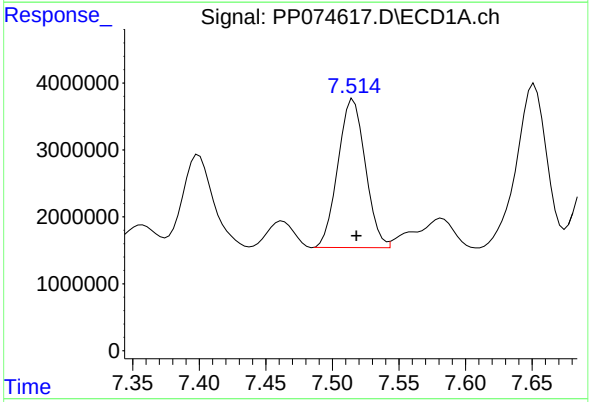
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



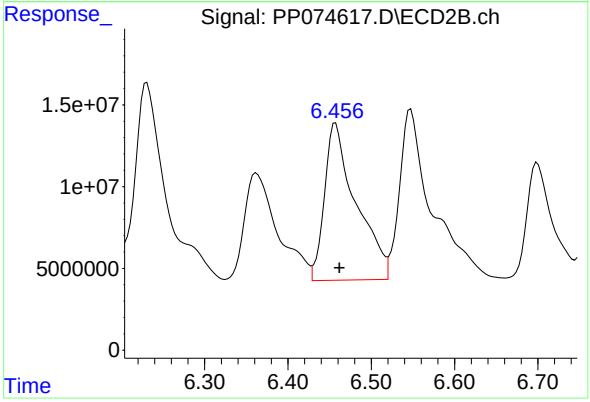
#28 AR-1254-3

R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 294869238
Conc: 475.74 ng/ml m



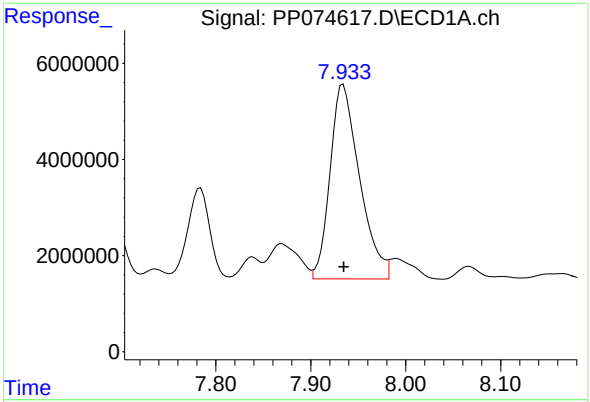
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: -0.002 min
Response: 31767581
Conc: 481.96 ng/ml



#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 252253317
Conc: 538.28 ng/ml



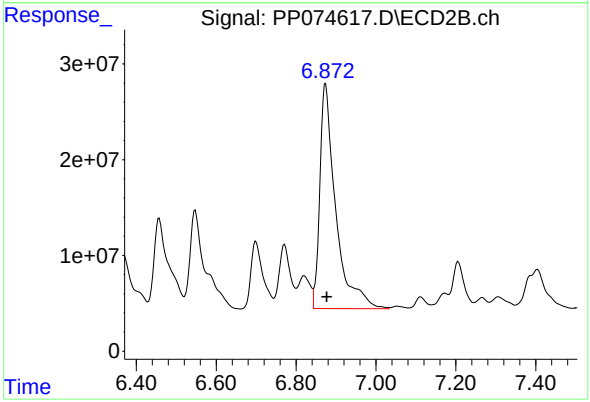
#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 87399935
Conc: 1051.93 ng/m

Instrument :
ECD_P
ClientSampleId :
K262-1ADL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



#30 AR-1254-5

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 649752531
Conc: 1324.67 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-1B	SDG No.:	Q2911
Lab Sample ID:	Q2911-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.3 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
PP074576.D	1	08/22/25 08:10	08/22/25 13:10	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.2	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.2	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.2	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.2	ug/kg
11097-69-1	Aroclor-1254	432	E	3.60	19.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.2	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.2	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.2	ug/kg
Total PCBs	Total PCBs	432		3.60	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.6		32 - 144	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.7		32 - 175	73%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 13:10
Operator : YP\AJ
Sample : Q2911-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-1B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.801	19034325	60969725	15.555	12.609
2)	SA Decachlor...	10.441	8.816	14466429	105.6E6	14.649	14.083
	Target Compounds						
26)	L6 AR-1254-1	6.660	5.687	42382254	192.5E6	727.350	403.761 #
27)	L6 AR-1254-2	6.876	5.831	47166959	193.6E6	577.913	549.691
28)	L6 AR-1254-3	7.239	6.234	52773953	470.3E6	591.593	758.727 #
29)	L6 AR-1254-4	7.520	6.461	32192065	182.5E6	488.398	389.447
30)	L6 AR-1254-5	7.950	6.876	243.0E6	1782.9E6	2924.154	3634.855

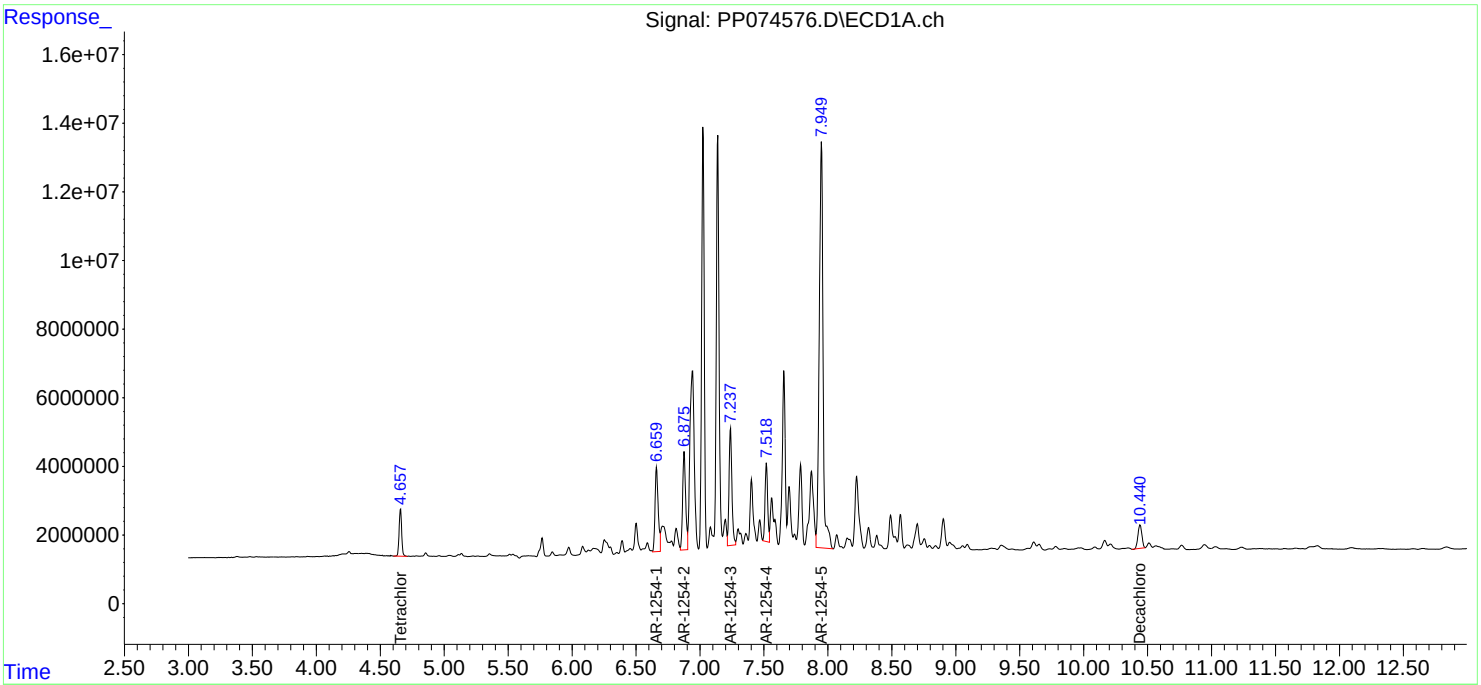
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

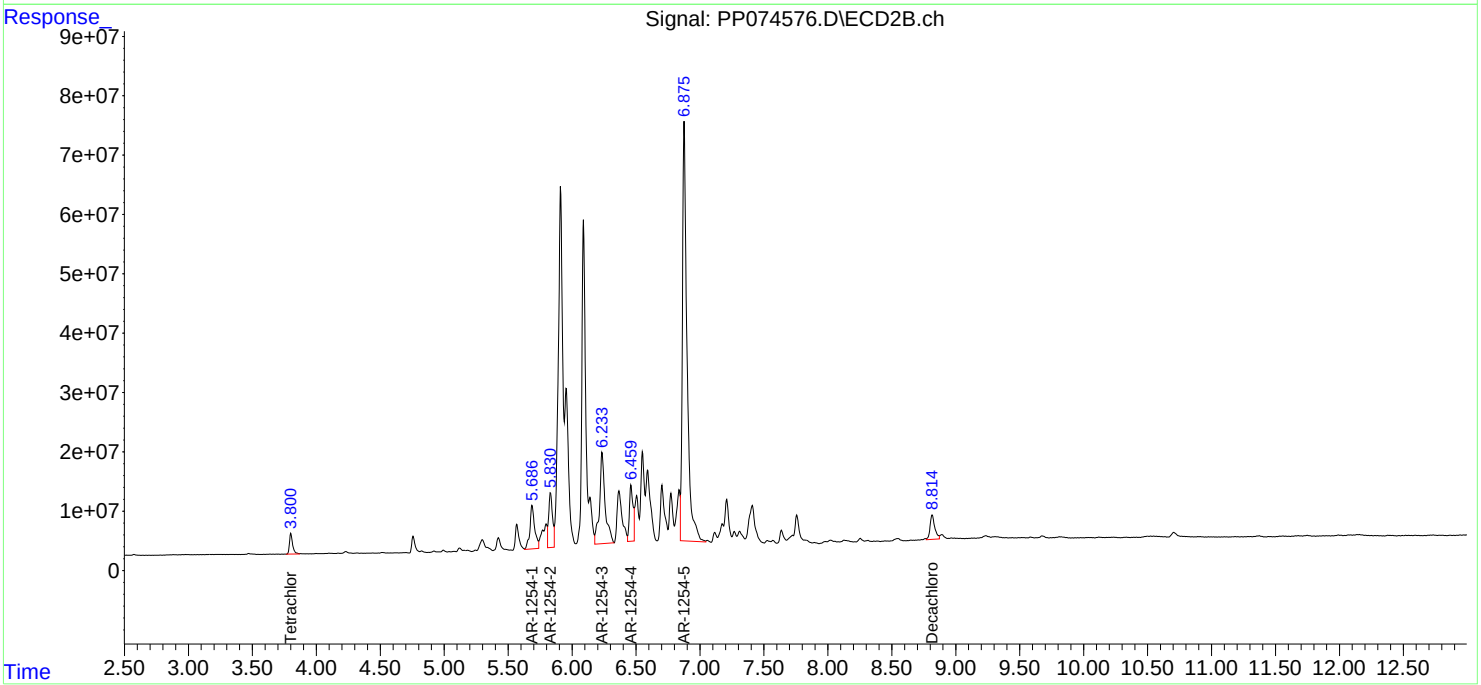
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 13:10
Operator : YP\AJ
Sample : Q2911-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

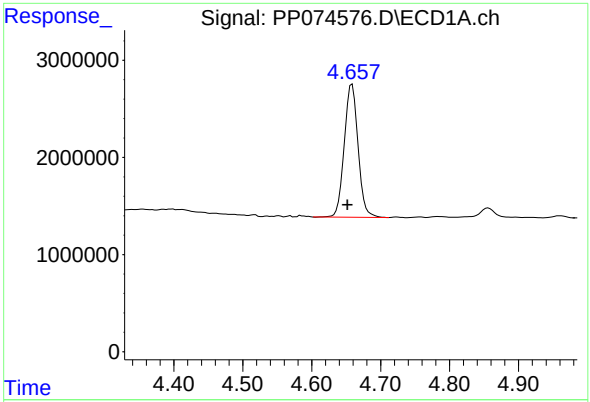
Instrument :
ECD_P
ClientSampleId :
K262-1B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



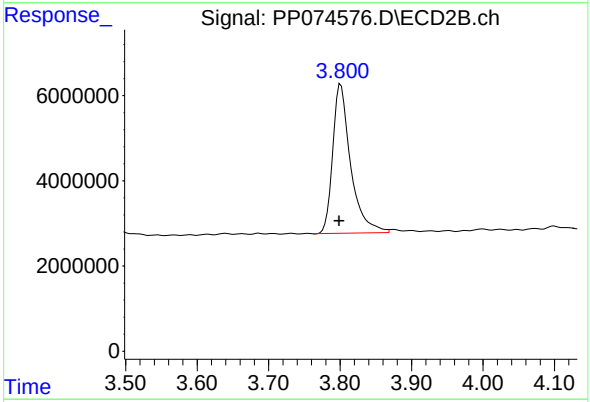




#1 Tetrachloro-m-xylene

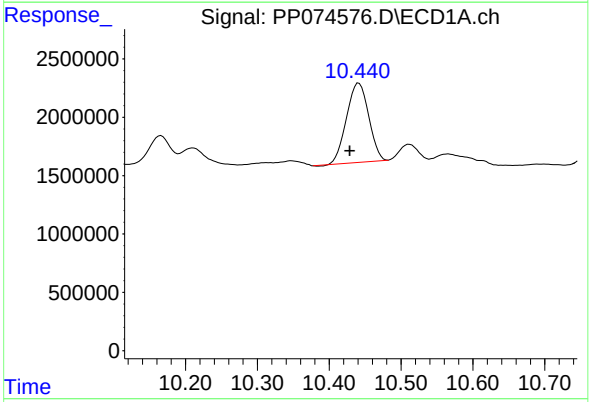
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 19034325
Conc: 15.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1B



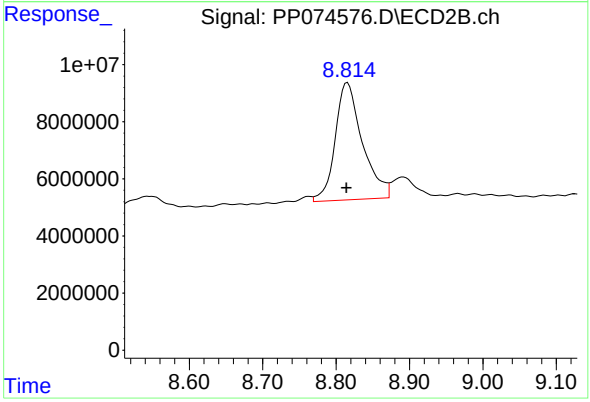
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: 60969725
Conc: 12.61 ng/ml



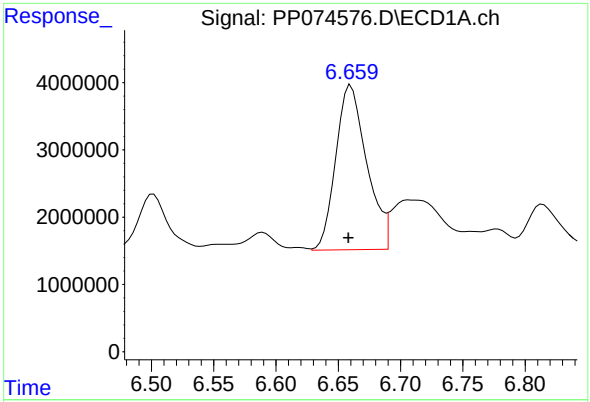
#2 Decachlorobiphenyl

R.T.: 10.441 min
Delta R.T.: 0.013 min
Response: 14466429
Conc: 14.65 ng/ml



#2 Decachlorobiphenyl

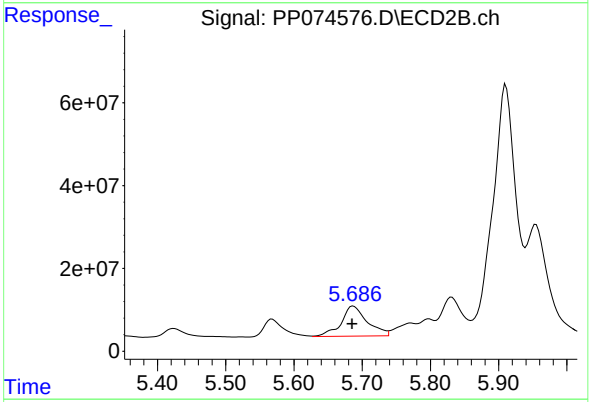
R.T.: 8.816 min
Delta R.T.: 0.002 min
Response: 105608251
Conc: 14.08 ng/ml



#26 AR-1254-1

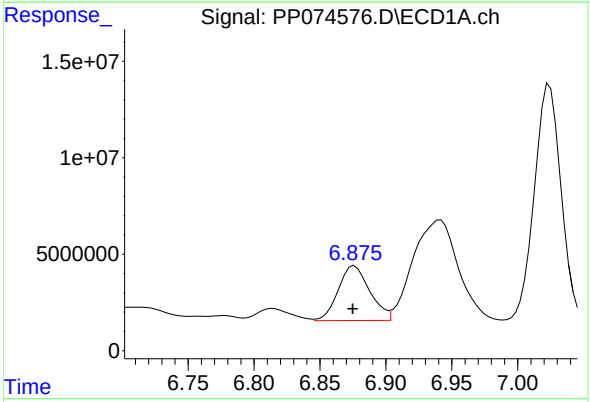
R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 42382254
Conc: 727.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1B



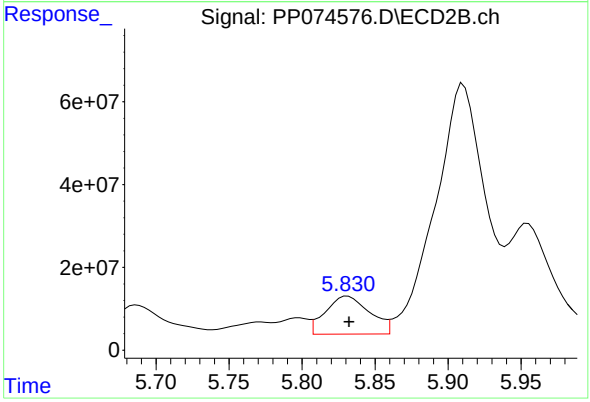
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 192476877
Conc: 403.76 ng/ml



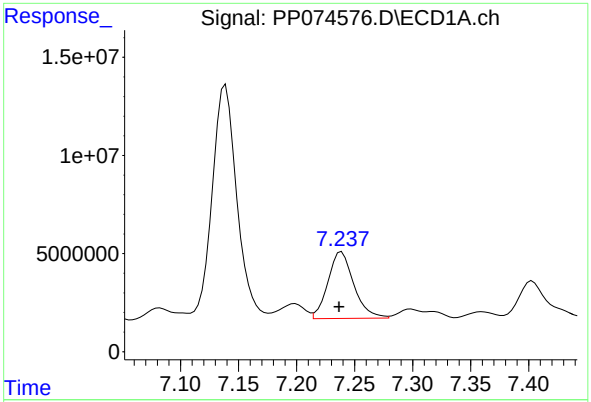
#27 AR-1254-2

R.T.: 6.876 min
Delta R.T.: 0.001 min
Response: 47166959
Conc: 577.91 ng/ml



#27 AR-1254-2

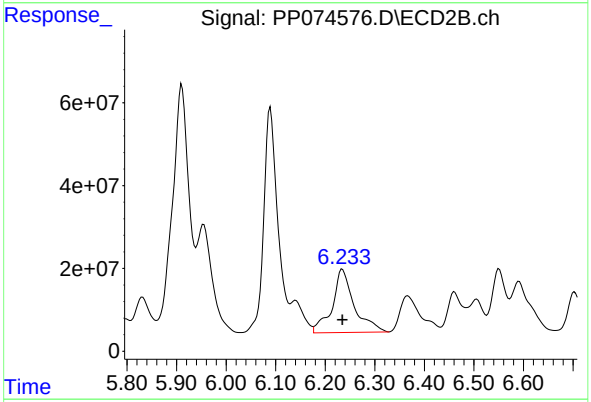
R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 193564008
Conc: 549.69 ng/ml



#28 AR-1254-3

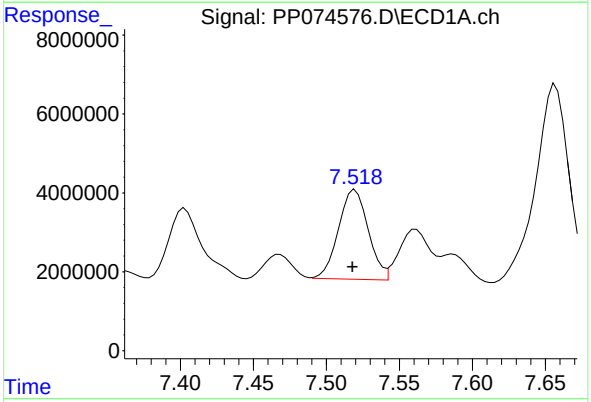
R.T.: 7.239 min
Delta R.T.: 0.002 min
Response: 52773953
Conc: 591.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1B



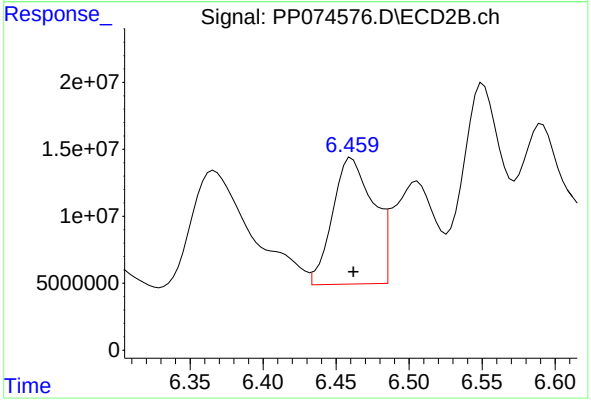
#28 AR-1254-3

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 470262797
Conc: 758.73 ng/ml



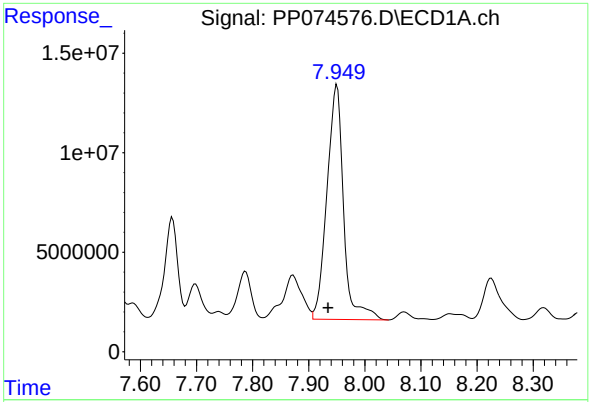
#29 AR-1254-4

R.T.: 7.520 min
Delta R.T.: 0.002 min
Response: 32192065
Conc: 488.40 ng/ml



#29 AR-1254-4

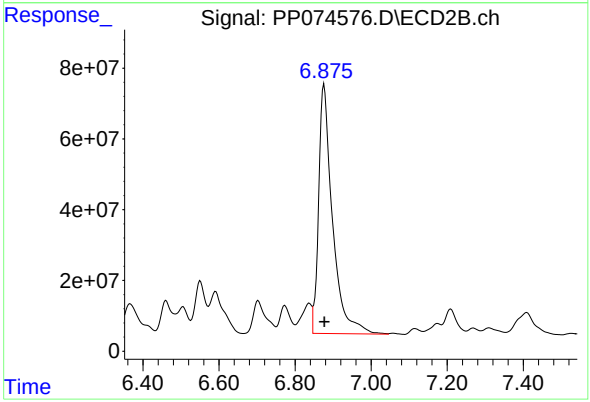
R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 182505013
Conc: 389.45 ng/ml



#30 AR-1254-5

R.T.: 7.950 min
Delta R.T.: 0.016 min
Response: 242953368
Conc: 2924.15 ng/m

Instrument :
ECD_P
ClientSampleId :
K262-1B



#30 AR-1254-5

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 1782901020
Conc: 3634.86 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-1BDL	SDG No.:	Q2911
Lab Sample ID:	Q2911-02DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.3 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
PP074618.D	2	08/22/25 08:10	08/23/25 04:21	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	8.90	UD	8.90	38.4	ug/kg
11104-28-2	Aroclor-1221	9.10	UD	9.10	38.4	ug/kg
11141-16-5	Aroclor-1232	8.40	UD	8.40	38.4	ug/kg
53469-21-9	Aroclor-1242	9.10	UD	9.10	38.4	ug/kg
12672-29-6	Aroclor-1248	13.4	UD	13.4	38.4	ug/kg
11097-69-1	Aroclor-1254	397	D	7.30	38.4	ug/kg
37324-23-5	Aroclor-1262	11.3	UD	11.3	38.4	ug/kg
11100-14-4	Aroclor-1268	8.10	UD	8.10	38.4	ug/kg
11096-82-5	Aroclor-1260	7.30	UD	7.30	38.4	ug/kg
Total PCBs	Total PCBs	397	D	7.30	38.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.8		32 - 144	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		32 - 175	74%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 04:21
Operator : YP\AJ
Sample : Q2911-02DL 2X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-1BDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.659	3.800	9690633	28069847	7.919	5.805	#
2)	SA Decachlor...	10.436	8.813	7283934	49106448	7.376	6.548	
	Target Compounds							
26)	L6 AR-1254-1	6.659	5.687	22868196	90310149	392.456	189.444	#
27)	L6 AR-1254-2	6.875	5.830	24828615	97626700	304.213	277.244	
28)	L6 AR-1254-3	7.237	6.233	28259723	202.0E6	316.790	325.947	
29)	L6 AR-1254-4	7.518	6.459	17155924	90301402	260.279	192.694	#
30)	L6 AR-1254-5	7.947	6.875	113.1E6	761.2E6	1361.336	1551.927	

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

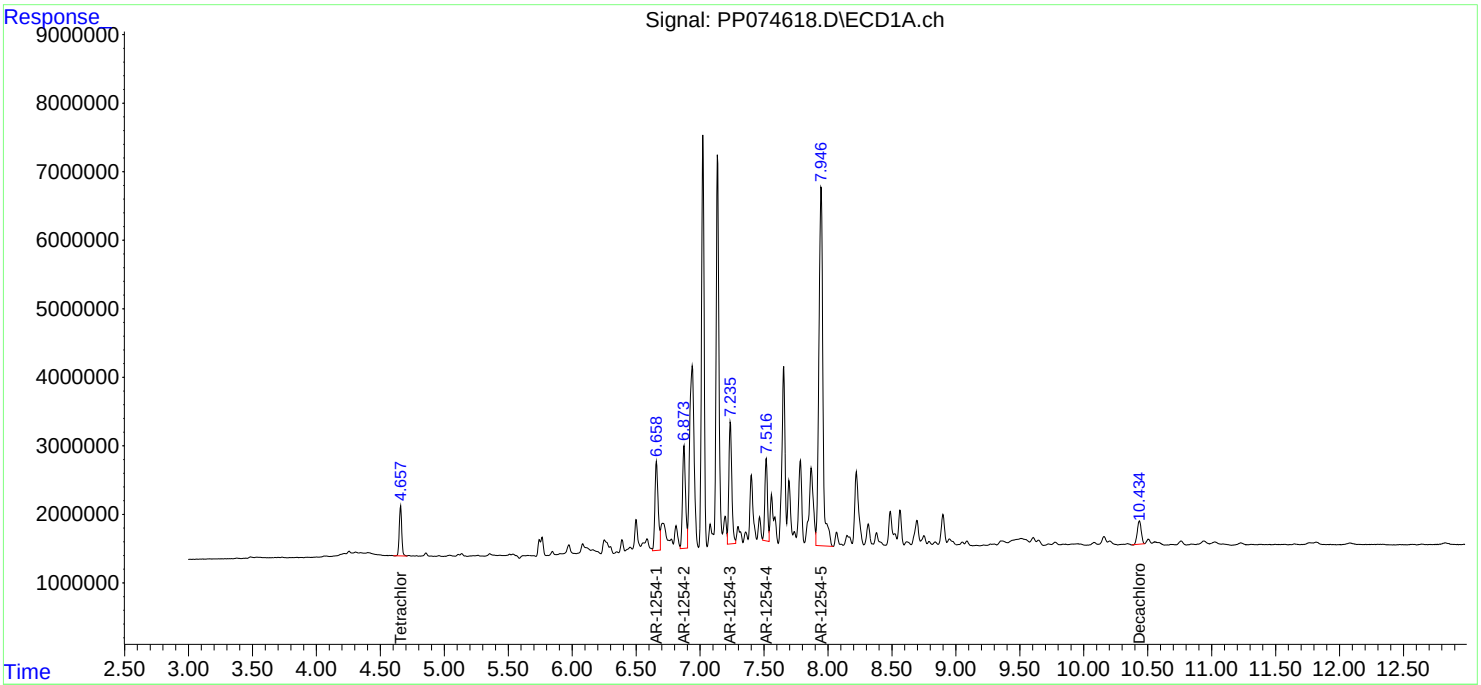
Quantitation Report (QT Reviewed)

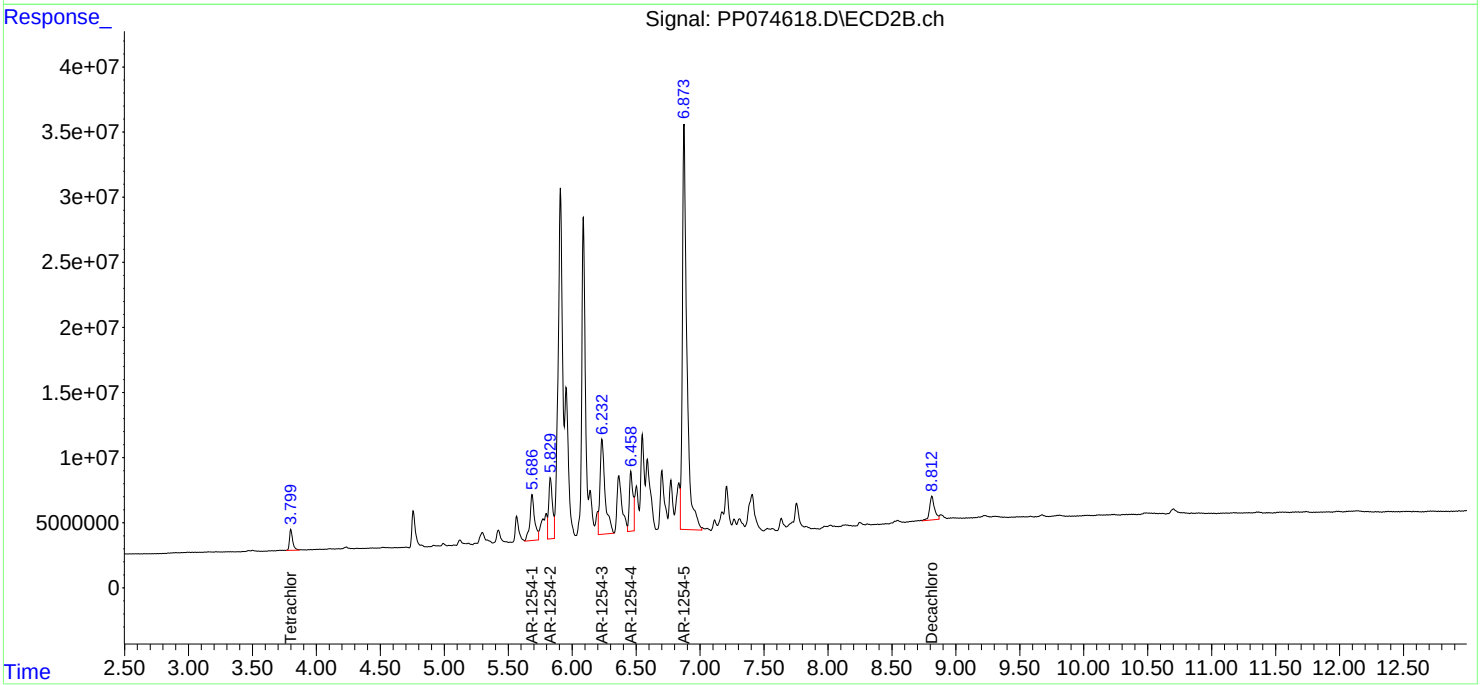
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 04:21
Operator : YP\AJ
Sample : Q2911-02DL 2X
Misc :
ALS Vial : 43 Sample Multiplier: 1

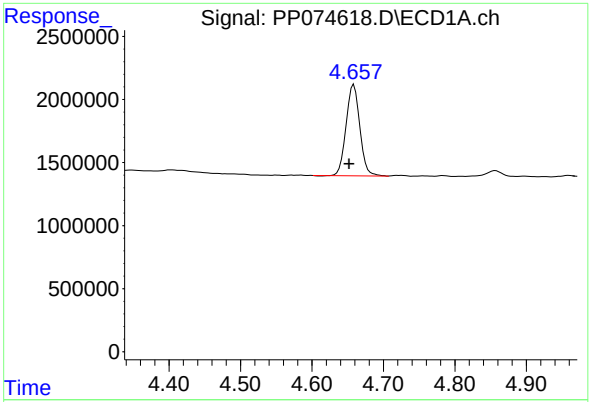
Instrument :
ECD_P
ClientSampleId :
K262-1BDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



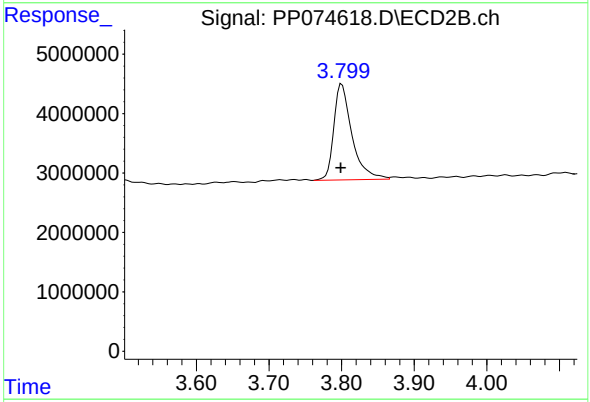




#1 Tetrachloro-m-xylene

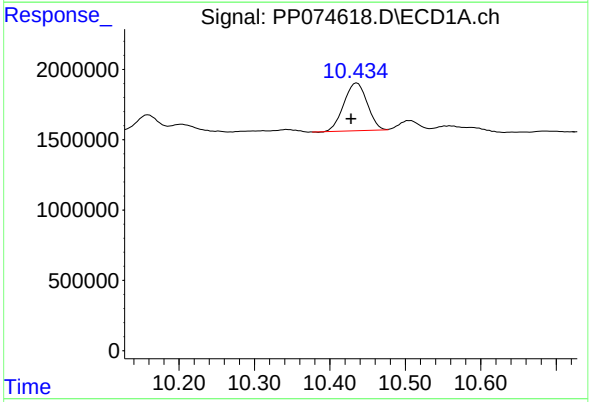
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 9690633
Conc: 7.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1BDL



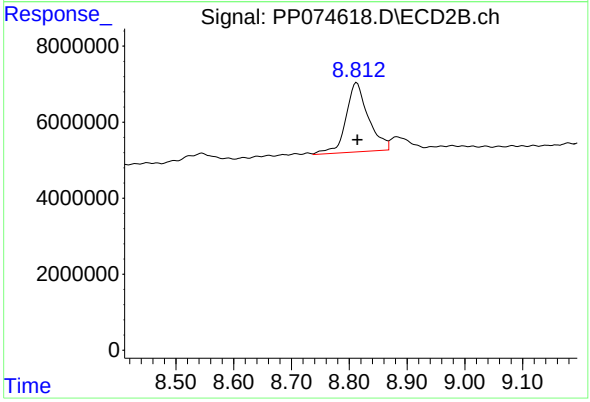
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.002 min
Response: 28069847
Conc: 5.81 ng/ml



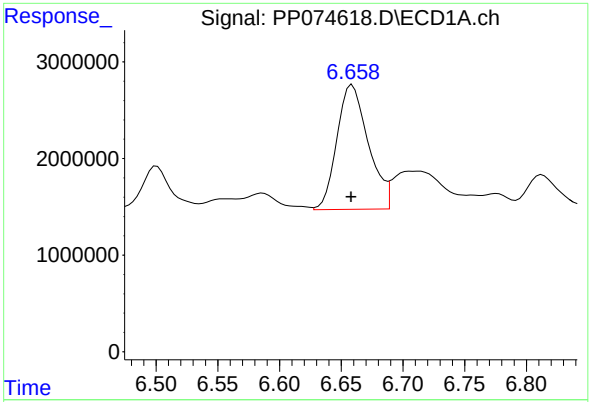
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.008 min
Response: 7283934
Conc: 7.38 ng/ml



#2 Decachlorobiphenyl

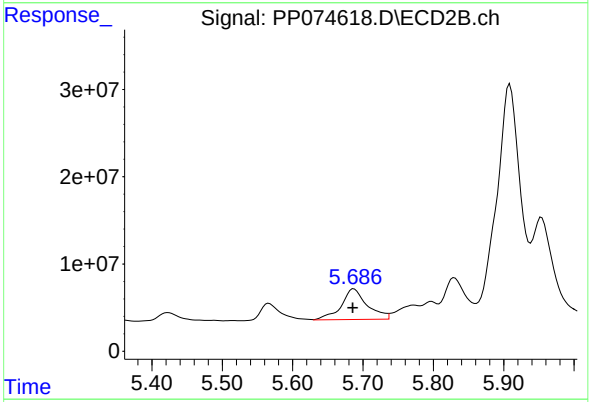
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 49106448
Conc: 6.55 ng/ml



#26 AR-1254-1

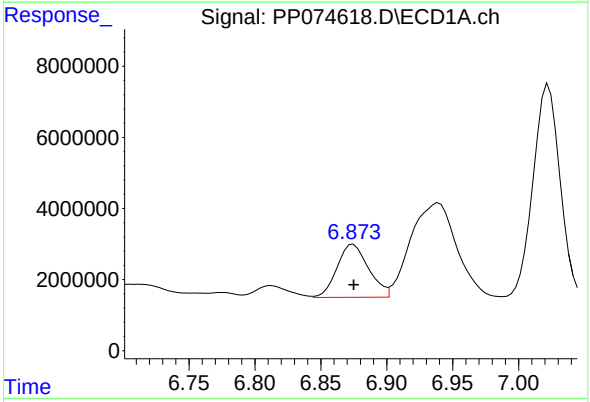
R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 22868196
Conc: 392.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1BDL



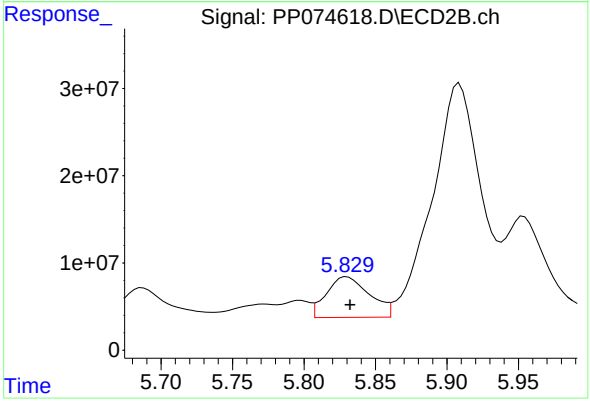
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 90310149
Conc: 189.44 ng/ml



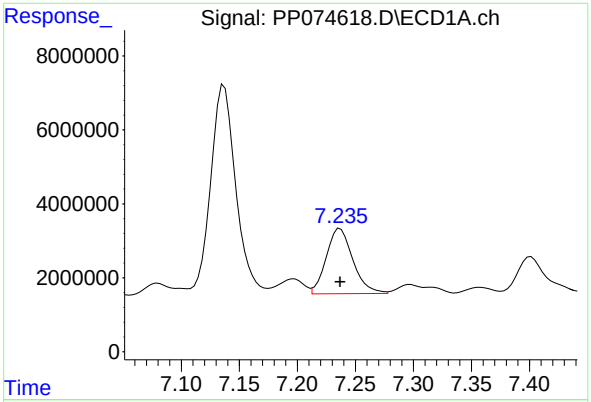
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 24828615
Conc: 304.21 ng/ml



#27 AR-1254-2

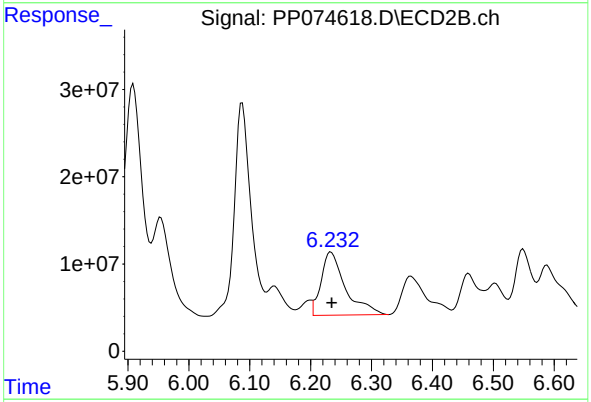
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 97626700
Conc: 277.24 ng/ml



#28 AR-1254-3

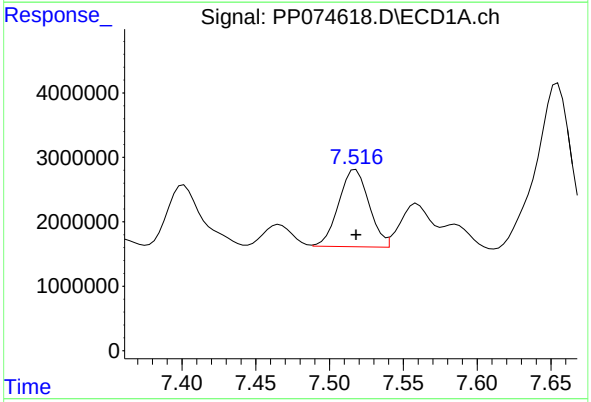
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 28259723
Conc: 316.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-1BDL



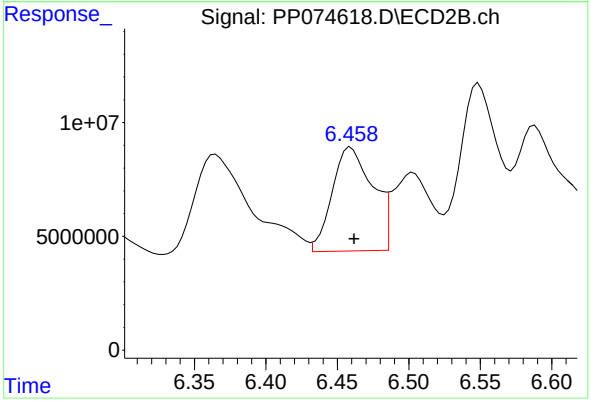
#28 AR-1254-3

R.T.: 6.233 min
Delta R.T.: -0.001 min
Response: 202023420
Conc: 325.95 ng/ml



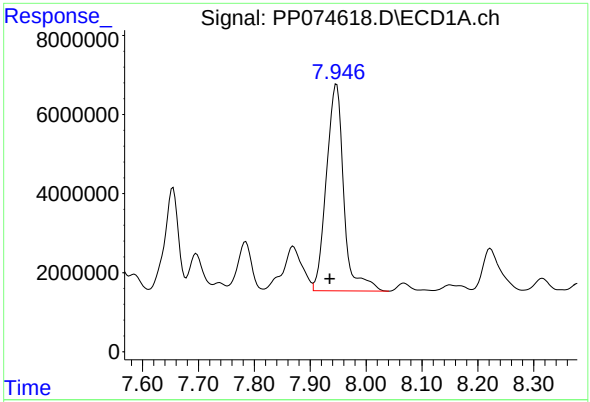
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 17155924
Conc: 260.28 ng/ml



#29 AR-1254-4

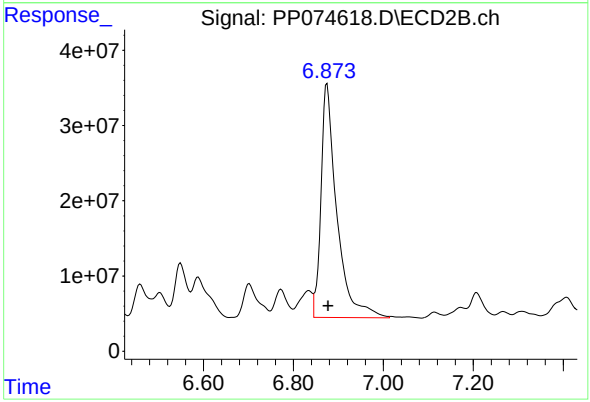
R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 90301402
Conc: 192.69 ng/ml



#30 AR-1254-5

R.T.: 7.947 min
Delta R.T.: 0.013 min
Response: 113106610
Conc: 1361.34 ng/m

Instrument :
ECD_P
ClientSampleId :
K262-1BDL



#30 AR-1254-5

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 761221837
Conc: 1551.93 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-1C	SDG No.:	Q2911
Lab Sample ID:	Q2911-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.3 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113176.D	1	08/22/25 08:10	08/22/25 13:13	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.0	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.0	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.0	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.0	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	19.0	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.0	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	19.0	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	19.0	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.0	ug/kg
Total PCBs	Total PCBs	6.60	U	6.60	19.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.2		32 - 144	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		32 - 175	84%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 13:13
Operator : YP/AJ
Sample : Q2911-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K262-1C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:00:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.654	141.1E6	84778614	17.234	16.753
2)	SA Decachlor...	8.678	8.624	112.3E6	31870548	16.194	16.820
	Target Compounds						

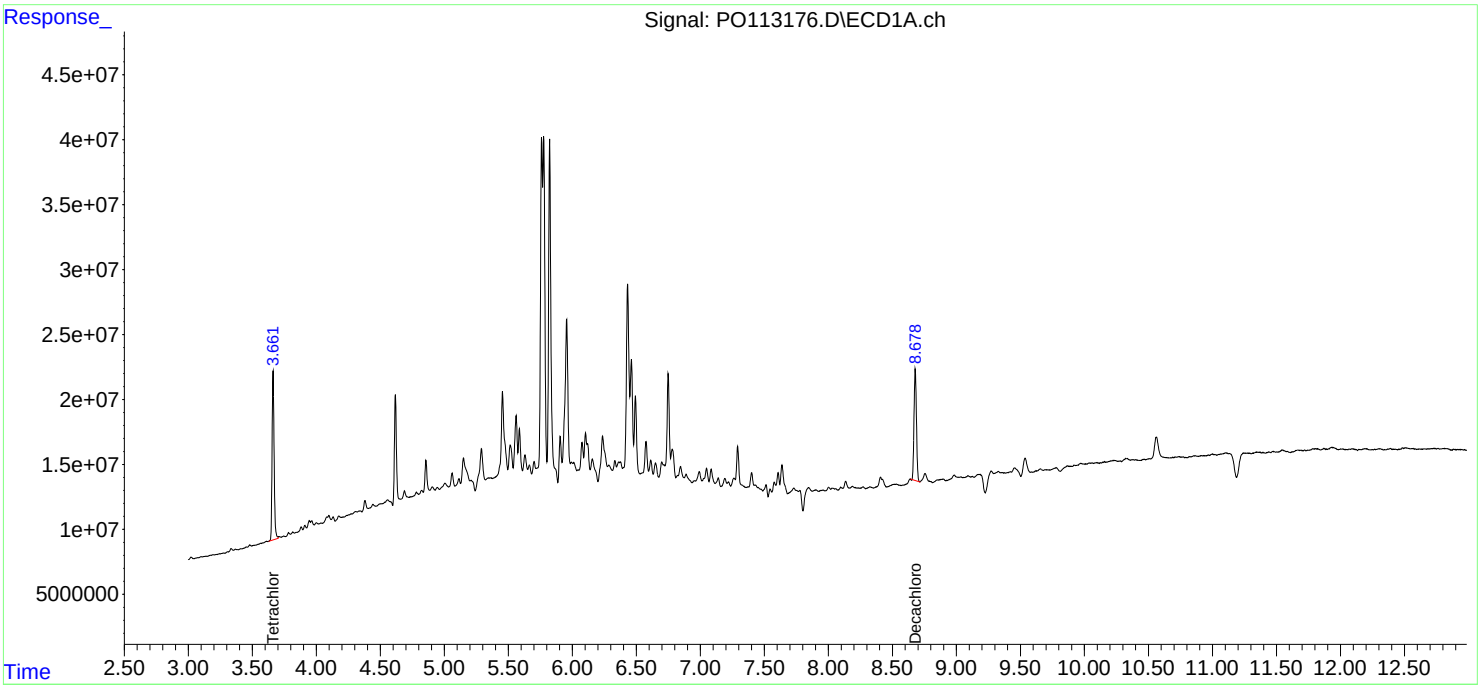
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

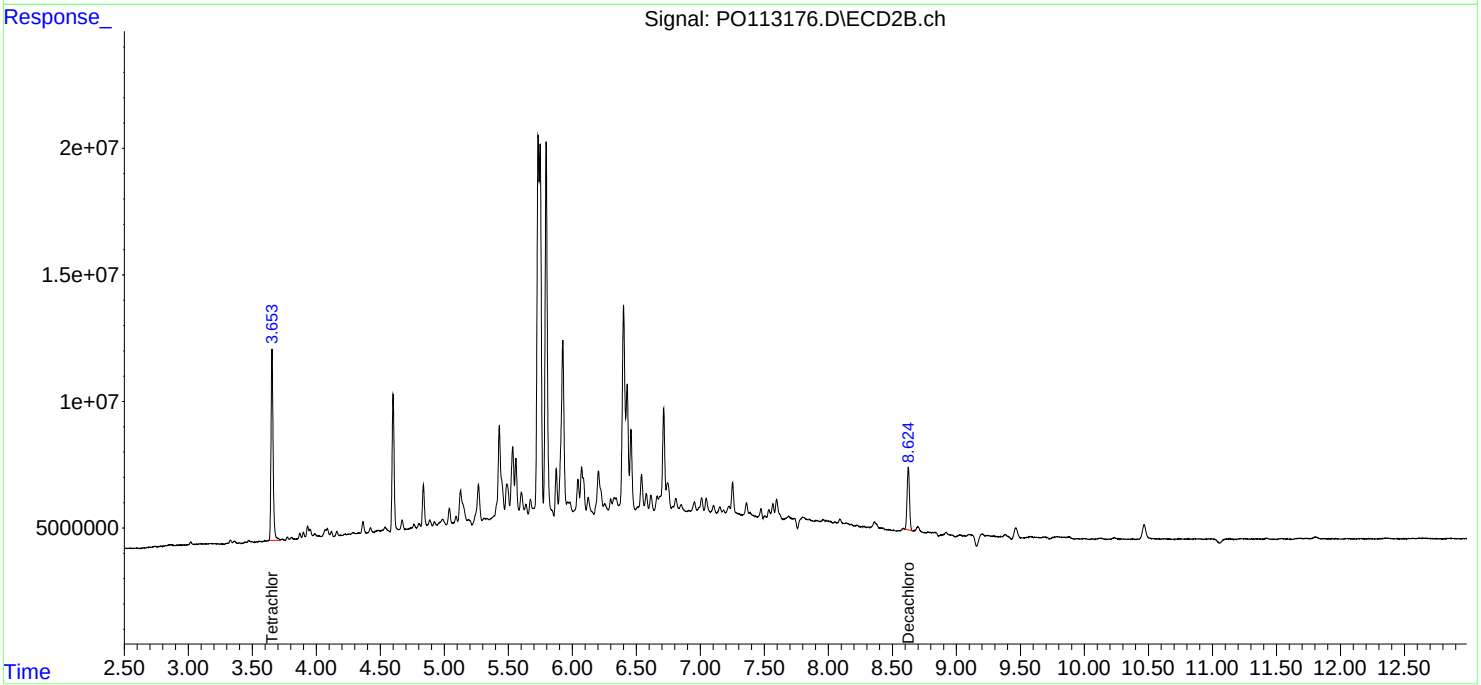
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 13:13
Operator : YP/AJ
Sample : Q2911-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

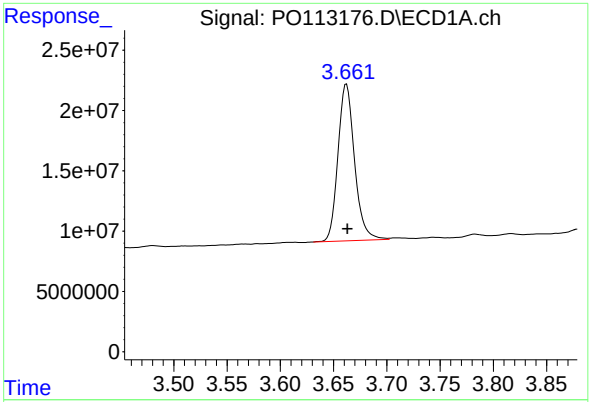
Instrument :
ECD_O
ClientSampleId :
K262-1C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:00:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



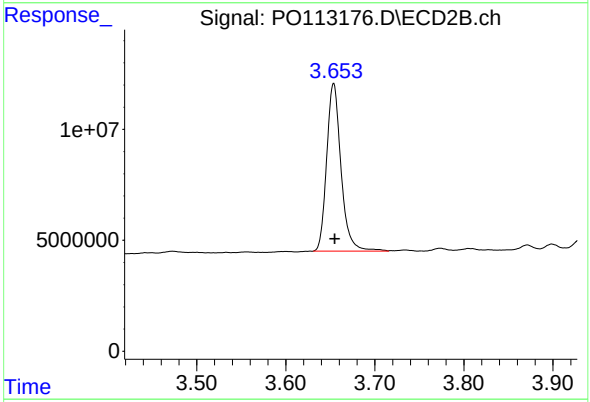




#1 Tetrachloro-m-xylene

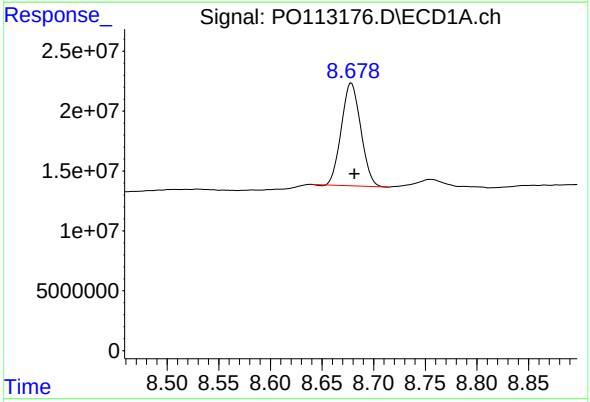
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 141085693
Conc: 17.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
K262-1C



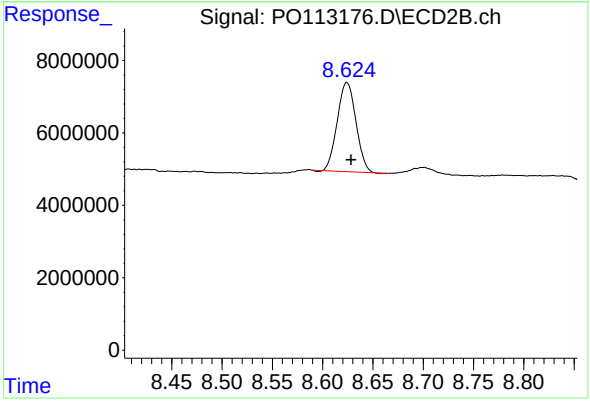
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.001 min
Response: 84778614
Conc: 16.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.003 min
Response: 112251037
Conc: 16.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.624 min
Delta R.T.: -0.004 min
Response: 31870548
Conc: 16.82 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-2A	SDG No.:	Q2911
Lab Sample ID:	Q2911-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.6 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
PO113177.D	1	08/22/25 08:10	08/22/25 13:31	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.3	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.3	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.3	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.3	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.3	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.3	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.3	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.3	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.3	ug/kg
Total PCBs	Total PCBs	6.40	U	6.40	18.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		32 - 175	108%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 13:31
Operator : YP/AJ
Sample : Q2911-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K262-2A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:00:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.654	150.5E6	89589455	18.379	17.703
2)	SA Decachlor...	8.677	8.623	135.9E6	40887392	19.608m	21.578m
	Target Compounds						

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

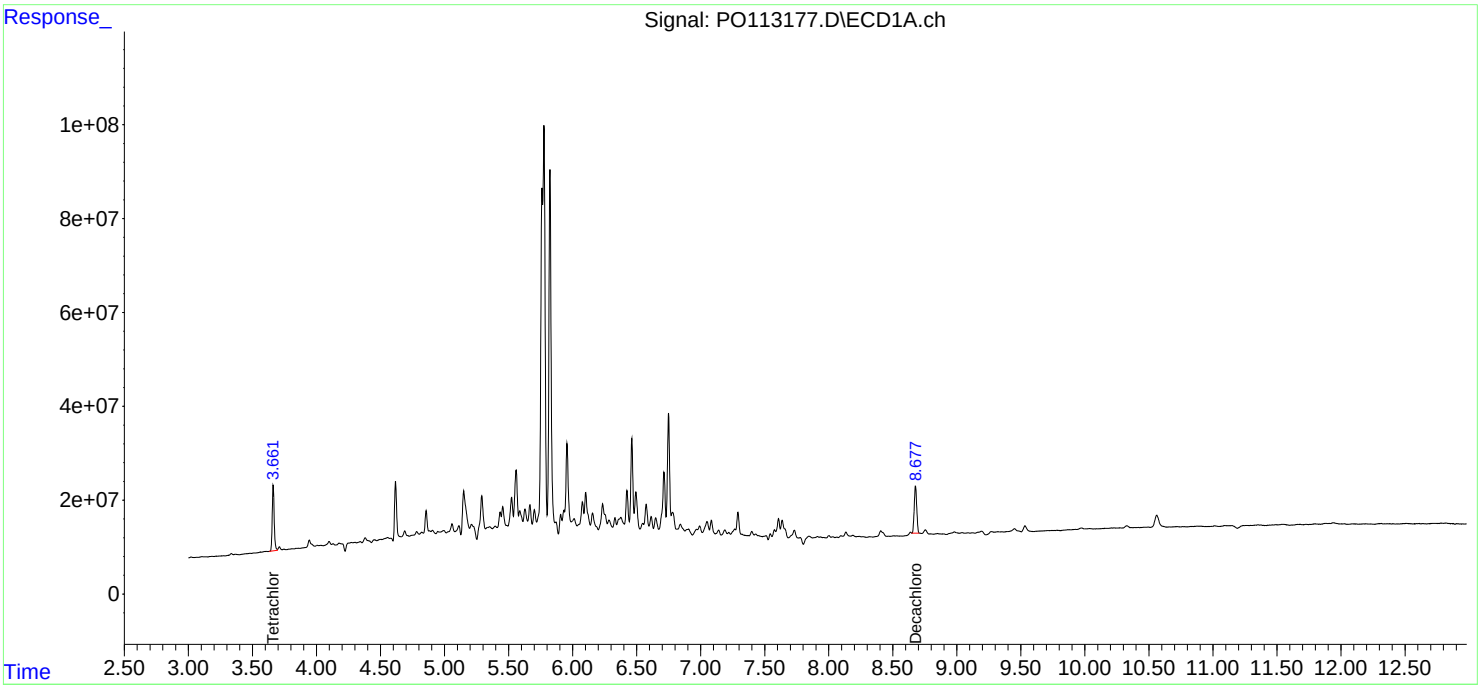
Quantitation Report (QT Reviewed)

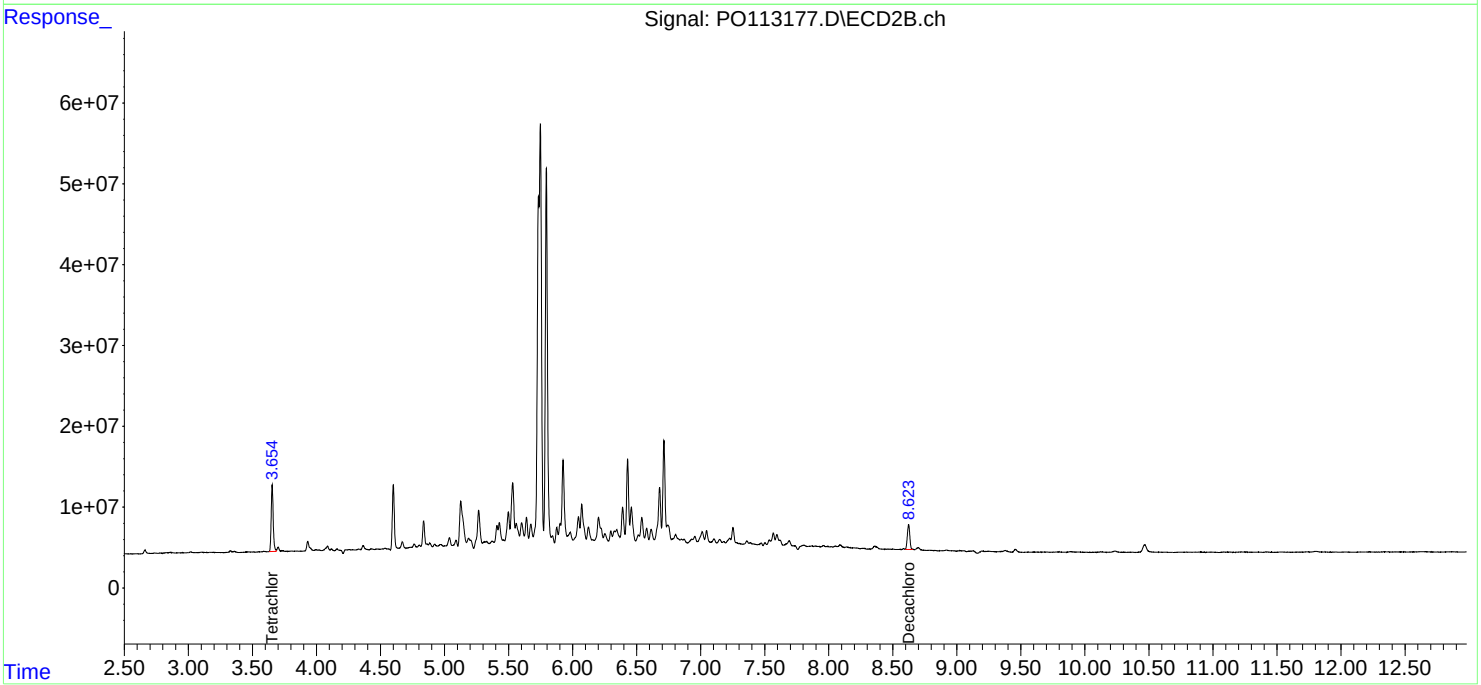
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 13:31
Operator : YP/AJ
Sample : Q2911-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

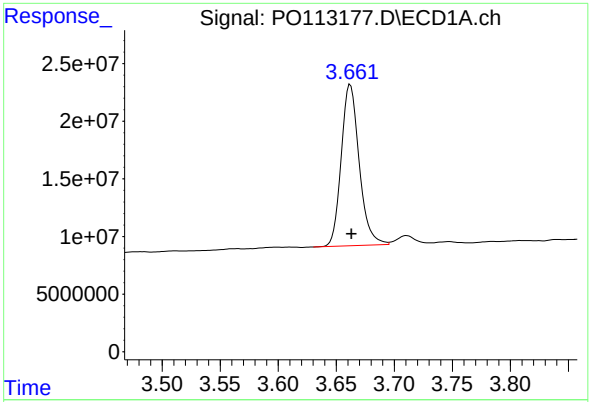
Instrument :
ECD_O
ClientSampleId :
K262-2A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:00:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



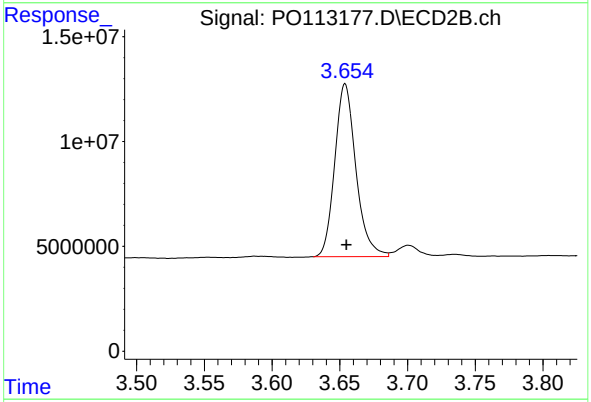




#1 Tetrachloro-m-xylene

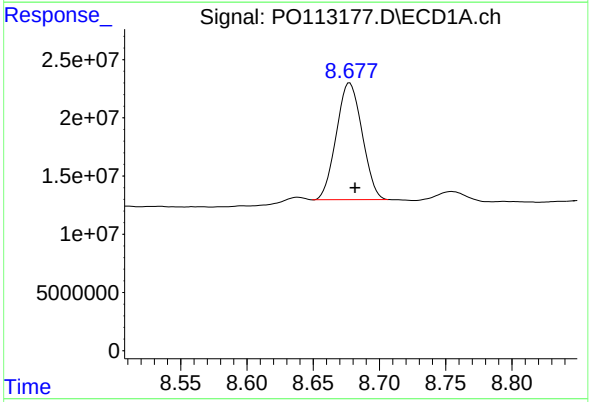
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 150464974
Conc: 18.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
K262-2A



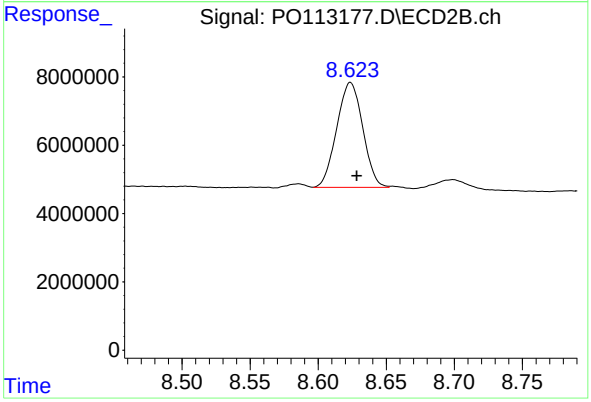
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 89589455
Conc: 17.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.005 min
Response: 135914266
Conc: 19.61 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.623 min
Delta R.T.: -0.005 min
Response: 40887392
Conc: 21.58 ng/ml m

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-2B	SDG No.:	Q2911
Lab Sample ID:	Q2911-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.4 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
PO113183.D	1	08/22/25 08:10	08/22/25 16:17	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.6	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.6	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.6	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.6	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.6	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.6	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.6	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.6	ug/kg
Total PCBs	Total PCBs	6.50	U	6.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		32 - 144	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		32 - 175	117%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:17
Operator : YP/AJ
Sample : Q2911-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K262-2B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:03:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.654	147.0E6	88457447	17.952	17.479
2)	SA Decachlor...	8.677	8.623	150.3E6	44460827	21.683	23.464m
	Target Compounds						

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

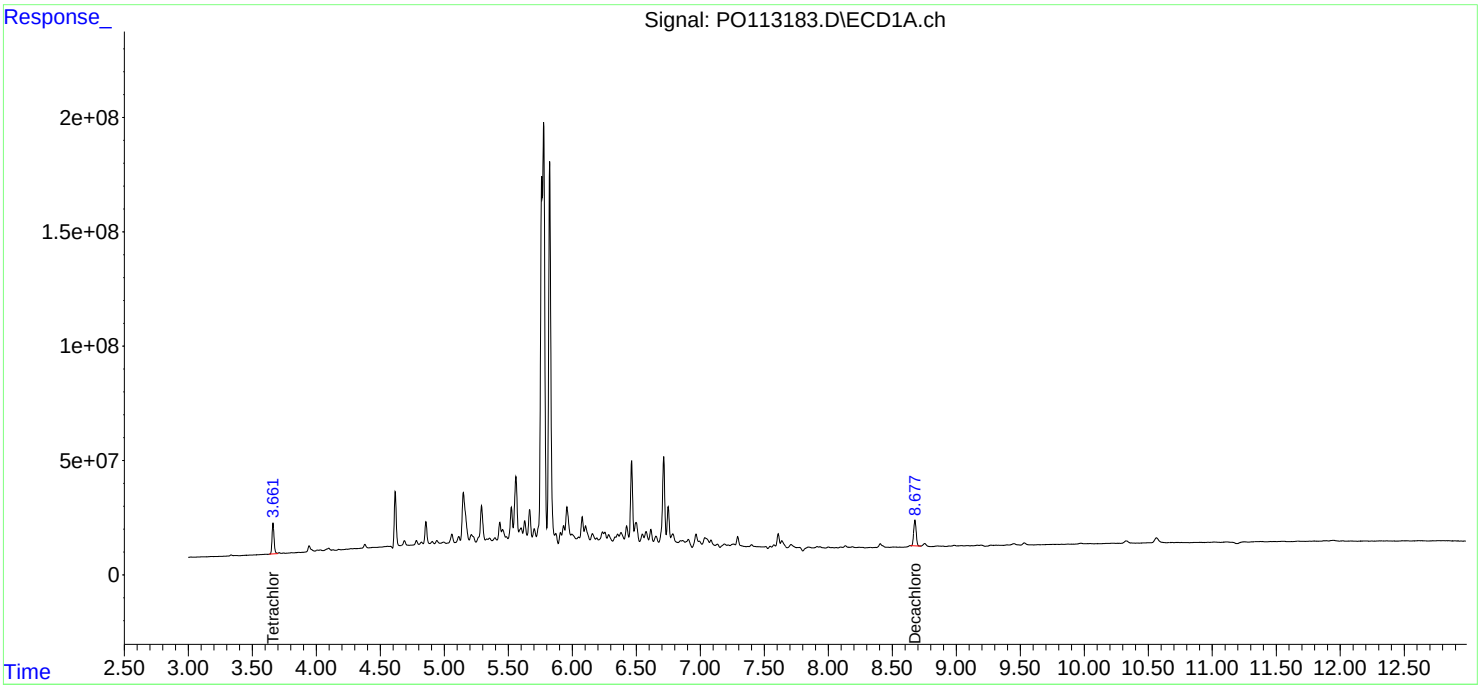
Quantitation Report (QT Reviewed)

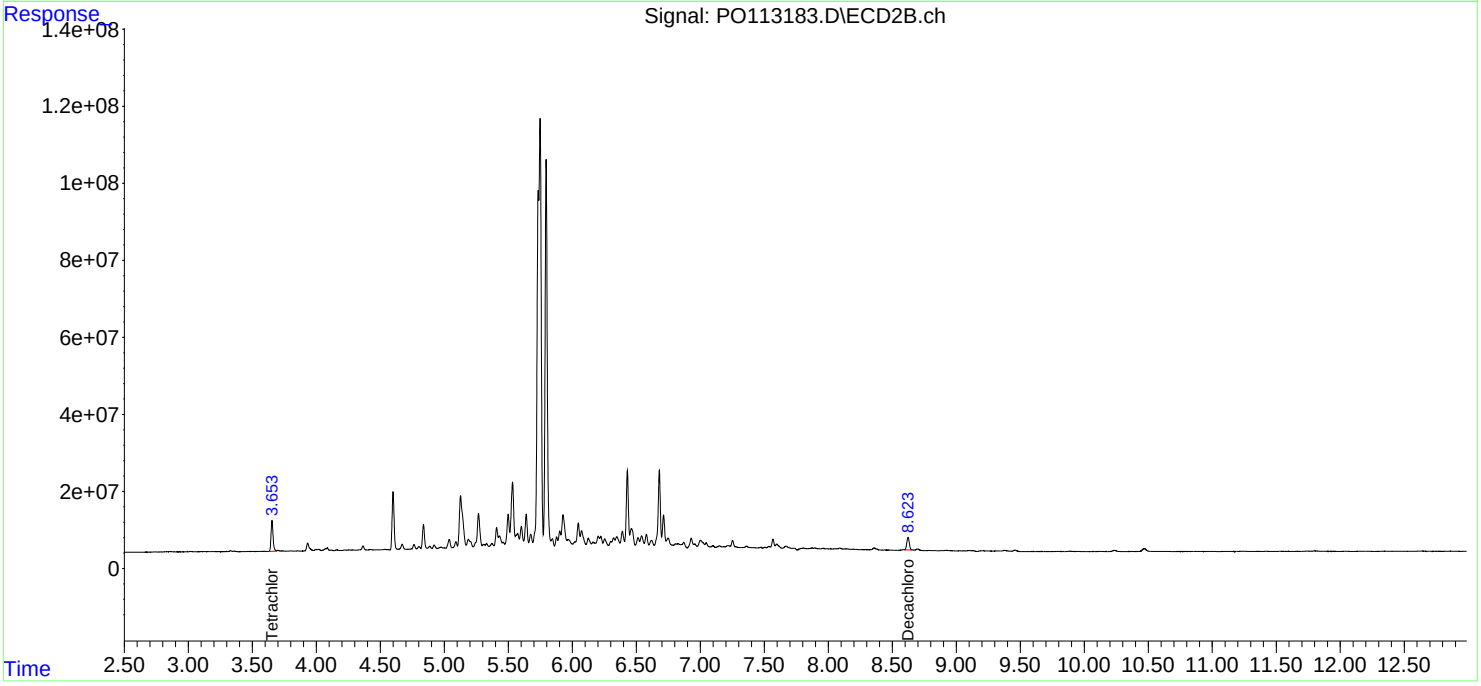
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:17
Operator : YP/AJ
Sample : Q2911-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

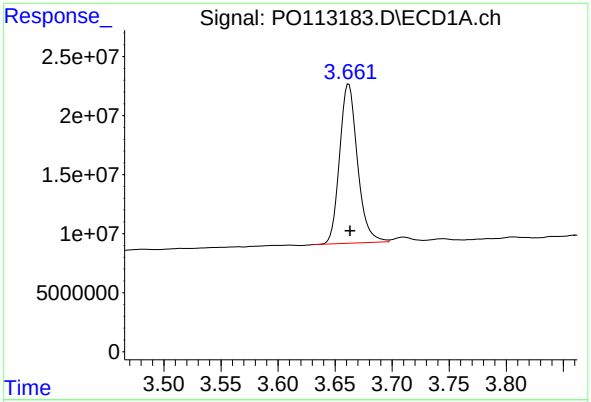
Instrument :
ECD_O
ClientSampleId :
K262-2B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:03:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



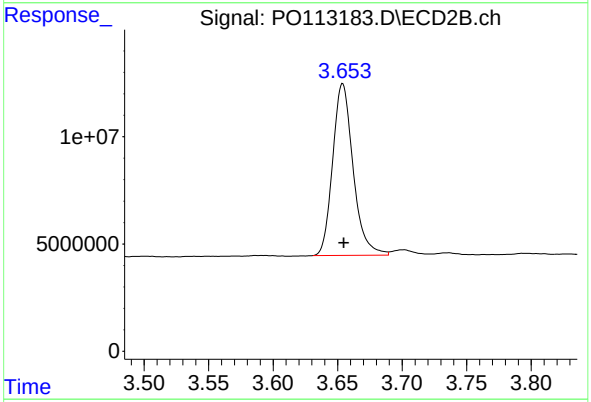




#1 Tetrachloro-m-xylene

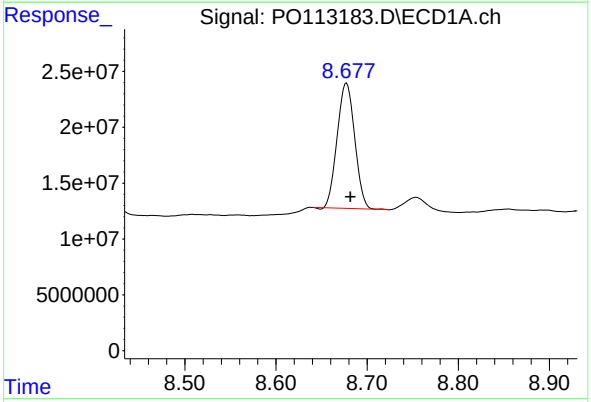
R.T.: 3.662 min
Delta R.T.: -0.001 min
Response: 146964979
Conc: 17.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
K262-2B



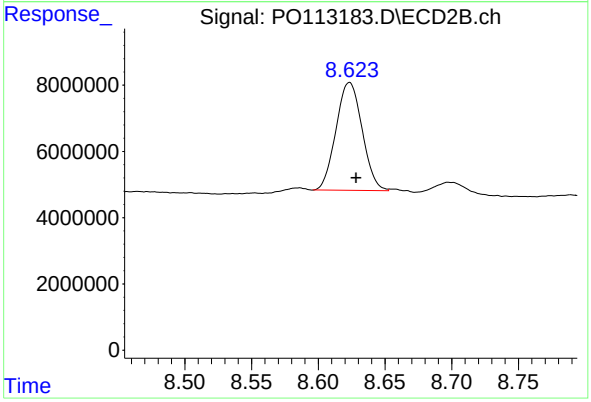
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 88457447
Conc: 17.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.004 min
Response: 150297058
Conc: 21.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.623 min
Delta R.T.: -0.005 min
Response: 44460827
Conc: 23.46 ng/ml m

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-2C	SDG No.:	Q2911
Lab Sample ID:	Q2911-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.9 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
PO113184.D	1	08/22/25 08:10	08/22/25 16:35	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.5	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.5	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.5	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.5	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.5	ug/kg
11097-69-1	Aroclor-1254	132		3.50	18.5	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.5	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.5	ug/kg
Total PCBs	Total PCBs	132		3.50	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		32 - 175	109%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:35
Operator : YP/AJ
Sample : Q2911-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K262-2C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.654	161.3E6	94099318	19.702	18.594
2)	SA Decachlor...	8.677	8.625	136.4E6	41278890	19.685m	21.785m
	Target Compounds						
26)	L6 AR-1254-1	5.554	5.528	121.9E6	89572653	225.701m	284.039 #
27)	L6 AR-1254-2	5.700	5.673	97265476	70847480	197.112m	252.721 #
28)	L6 AR-1254-3	6.103	6.072	186.2E6	130.8E6	251.989m	313.731
29)	L6 AR-1254-4	6.332	6.299	91502240	50104293	164.277m	182.306
30)	L6 AR-1254-5	6.750	6.714	548.7E6	280.2E6	782.828	783.673

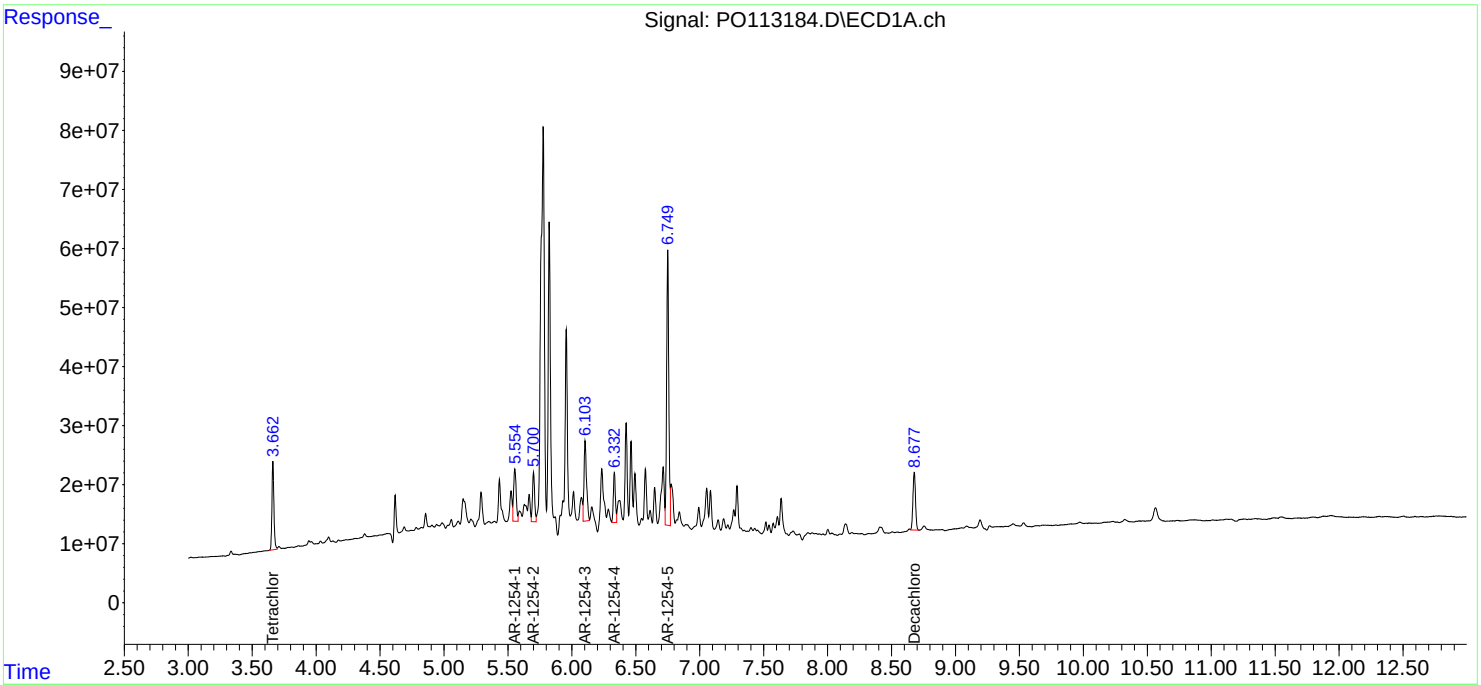
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

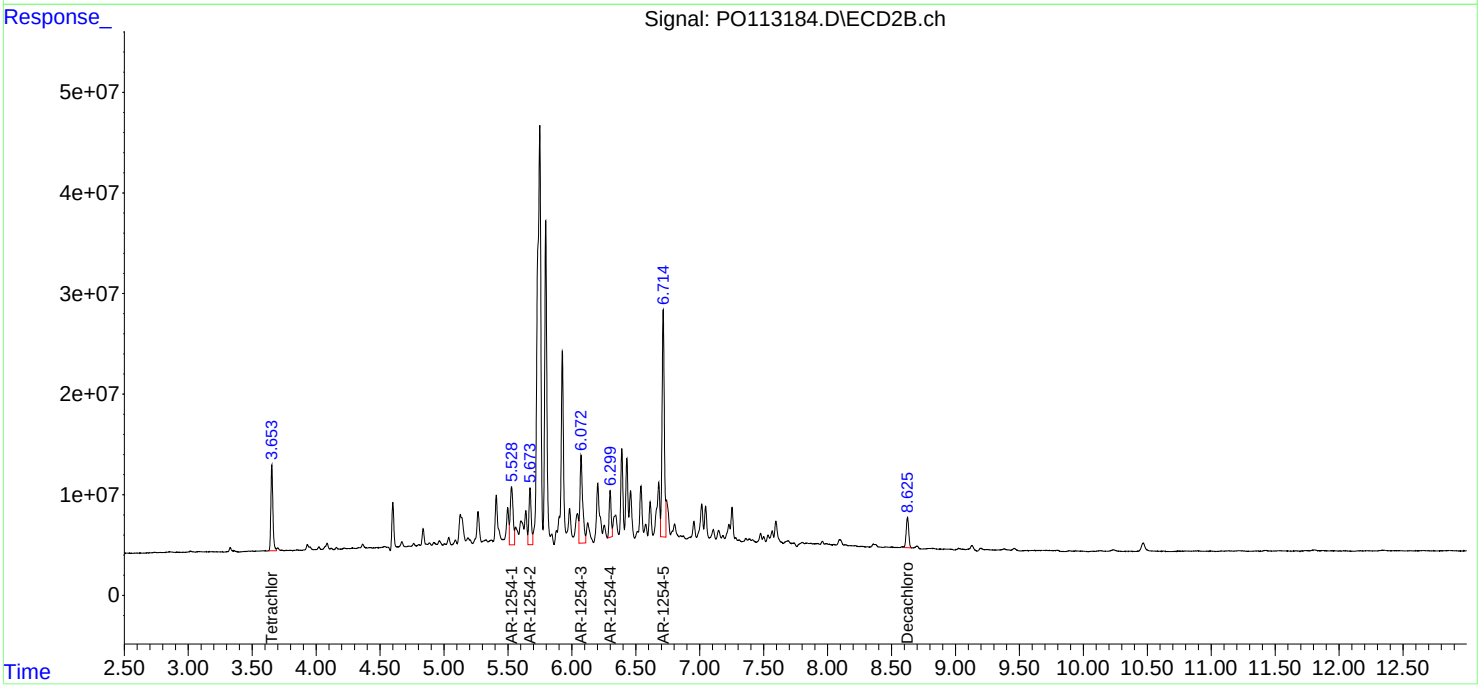
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113184.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:35
Operator : YP/AJ
Sample : Q2911-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

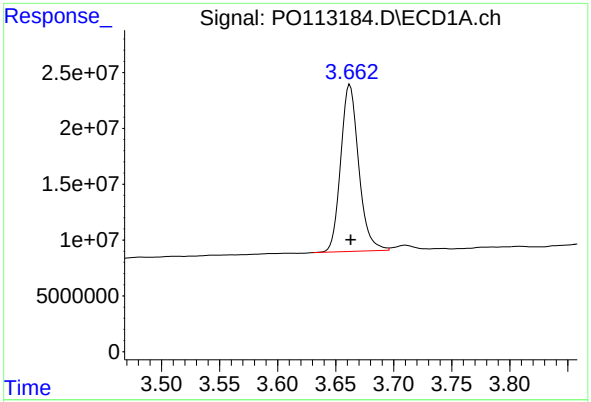
Instrument :
ECD_O
ClientSampleId :
K262-2C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



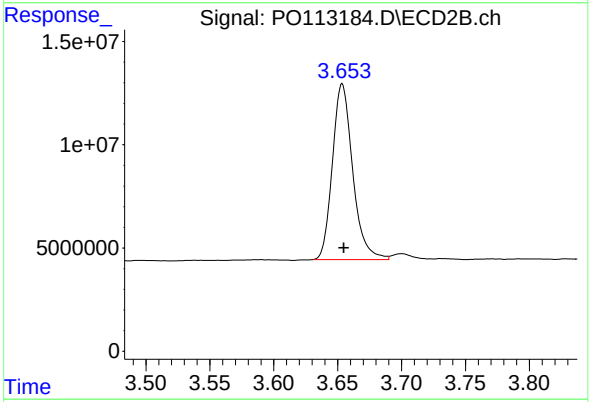




#1 Tetrachloro-m-xylene

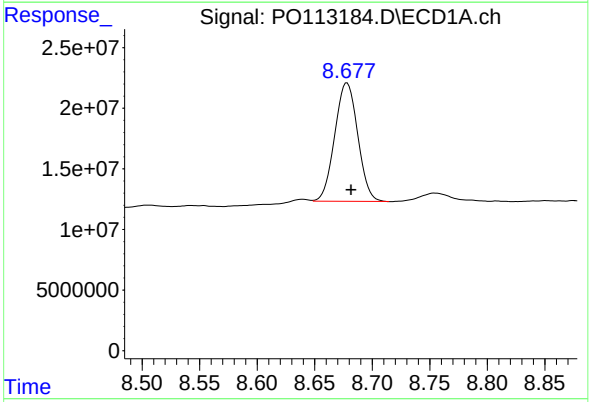
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 161289506
Conc: 19.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
K262-2C



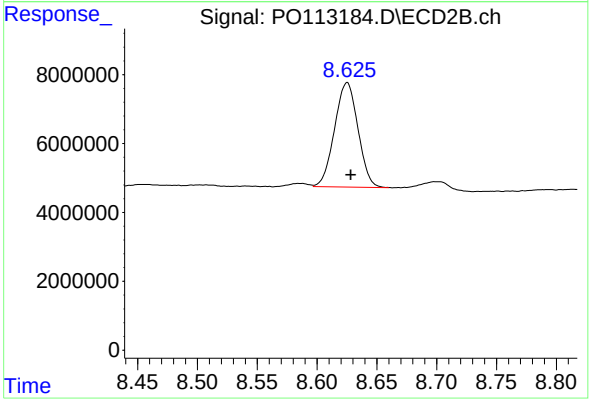
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.001 min
Response: 94099318
Conc: 18.59 ng/ml



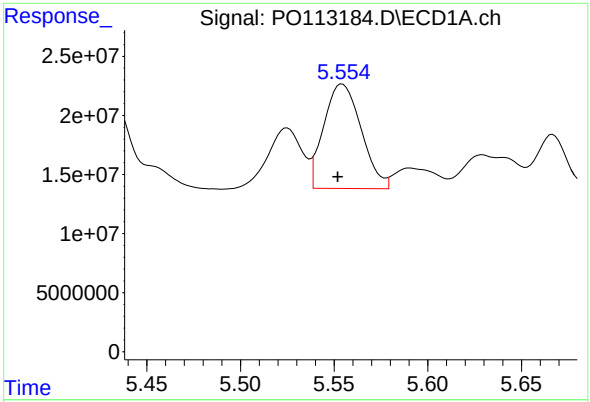
#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.004 min
Response: 136445199
Conc: 19.68 ng/ml m



#2 Decachlorobiphenyl

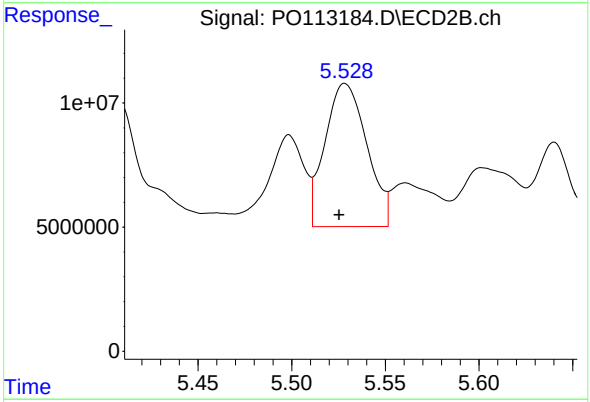
R.T.: 8.625 min
Delta R.T.: -0.003 min
Response: 41278890
Conc: 21.78 ng/ml m



#26 AR-1254-1

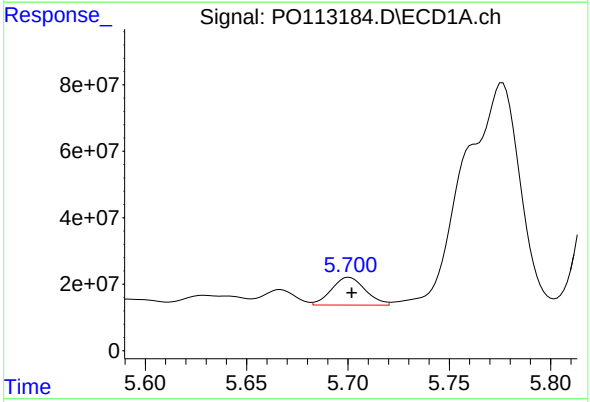
R.T.: 5.554 min
Delta R.T.: 0.002 min
Response: 121873428
Conc: 225.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
K262-2C



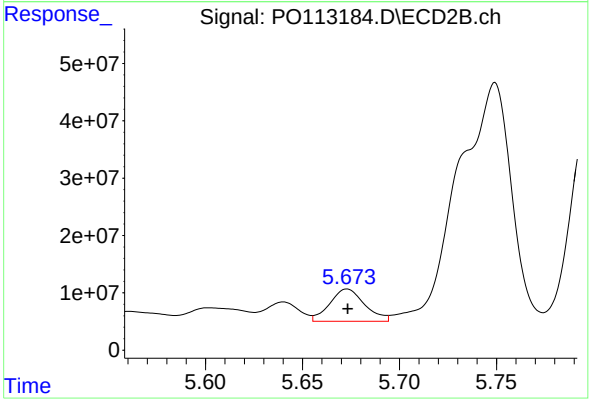
#26 AR-1254-1

R.T.: 5.528 min
Delta R.T.: 0.003 min
Response: 89572653
Conc: 284.04 ng/ml



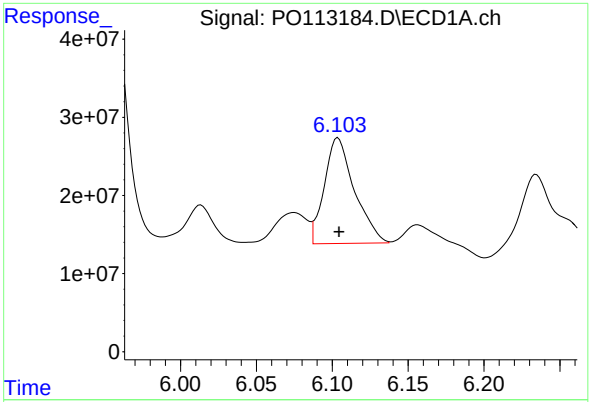
#27 AR-1254-2

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 97265476
Conc: 197.11 ng/ml m



#27 AR-1254-2

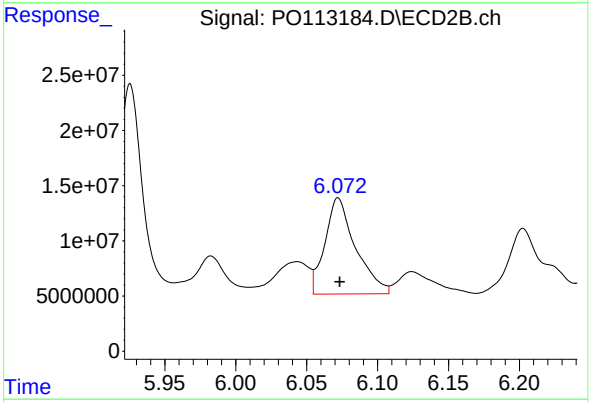
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 70847480
Conc: 252.72 ng/ml



#28 AR-1254-3

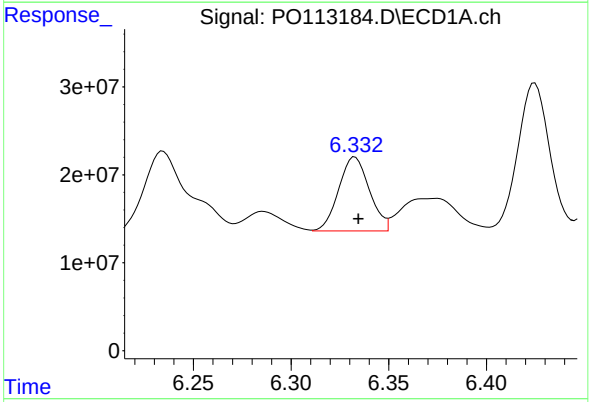
R.T.: 6.103 min
Delta R.T.: -0.001 min
Response: 186189045
Conc: 251.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
K262-2C



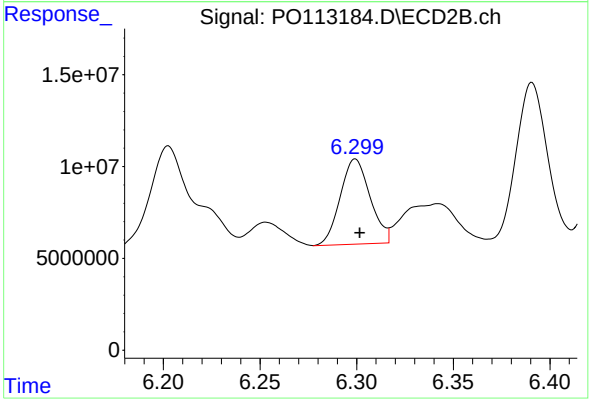
#28 AR-1254-3

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 130801410
Conc: 313.73 ng/ml



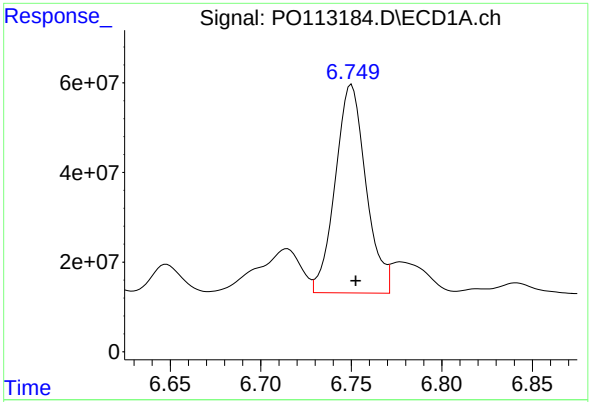
#29 AR-1254-4

R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 91502240
Conc: 164.28 ng/ml m



#29 AR-1254-4

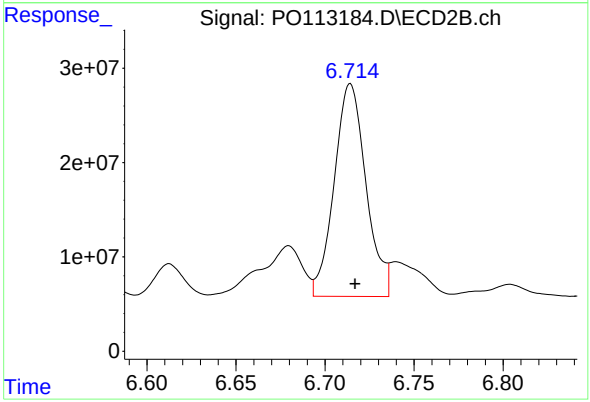
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 50104293
Conc: 182.31 ng/ml



#30 AR-1254-5

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 548741693
Conc: 782.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
K262-2C



#30 AR-1254-5

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 280155571
Conc: 783.67 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-3A	SDG No.:	Q2911
Lab Sample ID:	Q2911-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.8 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
PO113187.D	1	08/22/25 08:10	08/22/25 17:29	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.7	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.7	ug/kg
Total PCBs	Total PCBs	6.50	U	6.50	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.5		32 - 175	122%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:29
Operator : YP/AJ
Sample : Q2911-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K262-3A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:05:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.663	3.654	156.7E6	92464534	19.147	18.271
2)	SA Decachlor...	8.676	8.623	151.0E6	46381223	21.782	24.478
	Target Compounds						

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

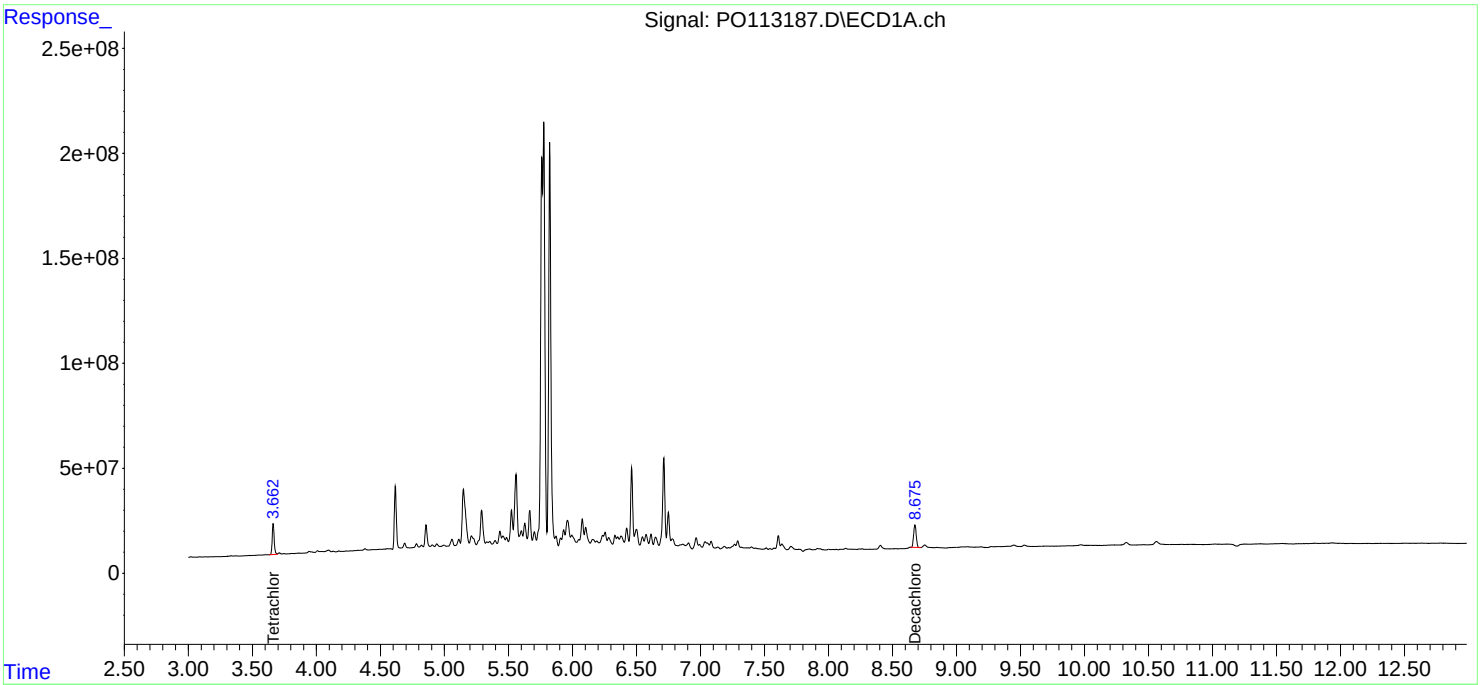
Quantitation Report (QT Reviewed)

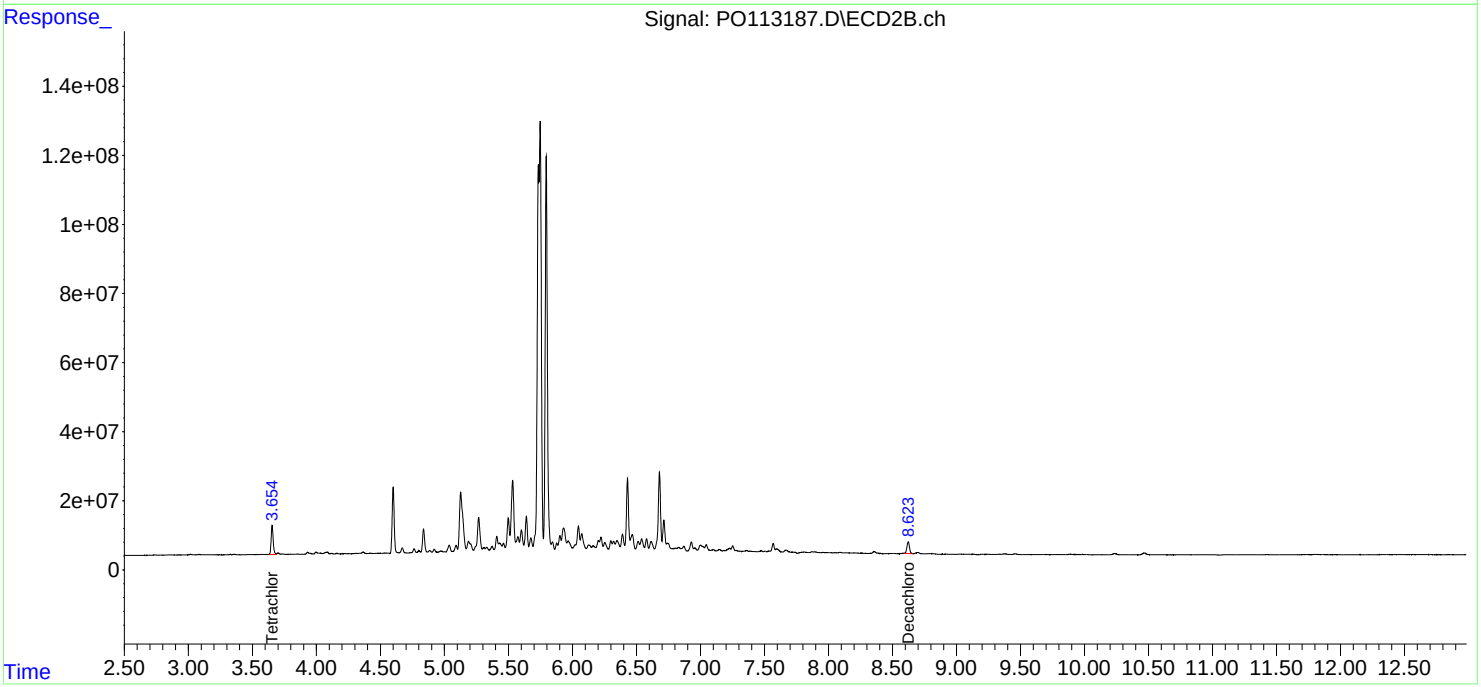
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:29
Operator : YP/AJ
Sample : Q2911-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

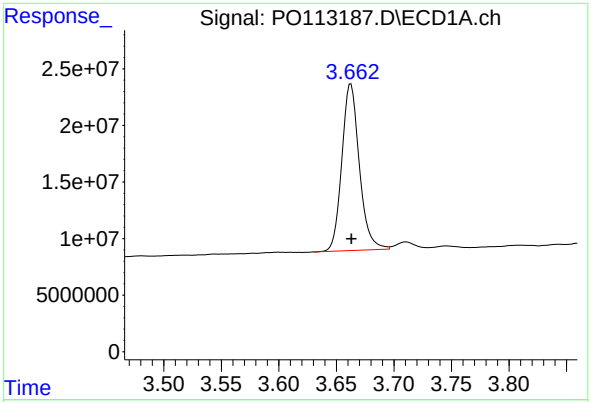
Instrument :
ECD_O
ClientSampleId :
K262-3A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:05:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



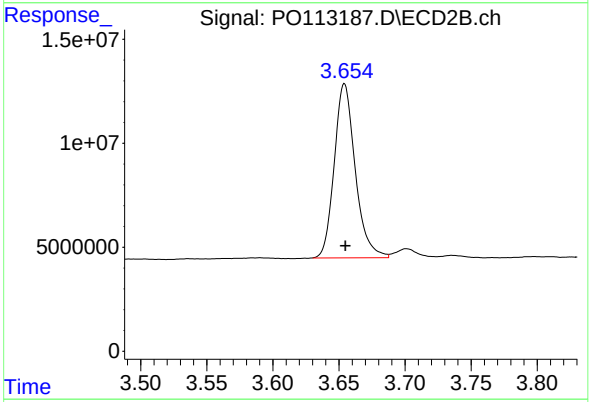




#1 Tetrachloro-m-xylene

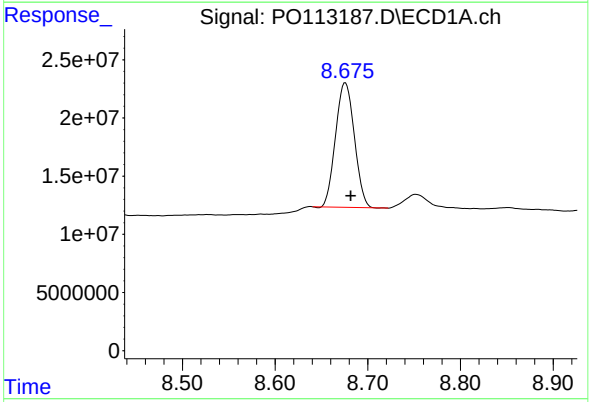
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 156748266
Conc: 19.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
K262-3A



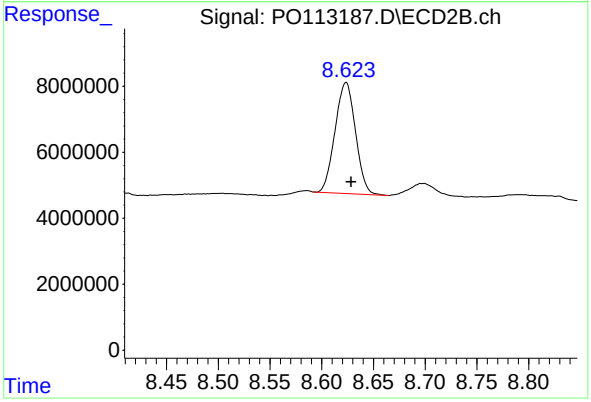
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 92464534
Conc: 18.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 150984024
Conc: 21.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.623 min
Delta R.T.: -0.005 min
Response: 46381223
Conc: 24.48 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-3B	SDG No.:	Q2911
Lab Sample ID:	Q2911-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.9 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
PO113188.D	1	08/22/25 08:10	08/22/25 17:48	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.7	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.7	ug/kg
Total PCBs	Total PCBs	6.50	U	6.50	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	29.9		32 - 175	150%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:48
Operator : YP/AJ
Sample : Q2911-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K262-3B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:06:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.654	164.2E6	96695069	20.061	19.107
2)	SA Decachlor...	8.677	8.623	179.9E6	56663767	25.960	29.904m
	Target Compounds						

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

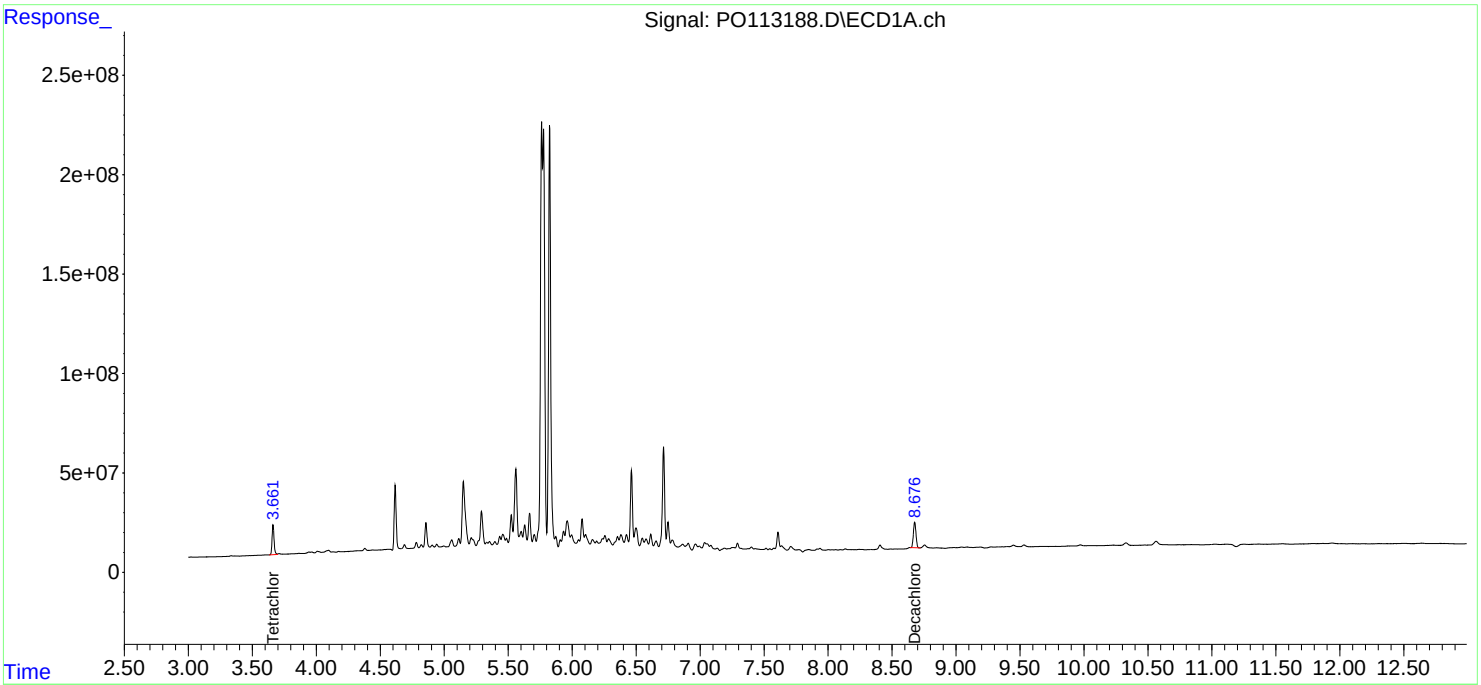
Quantitation Report (QT Reviewed)

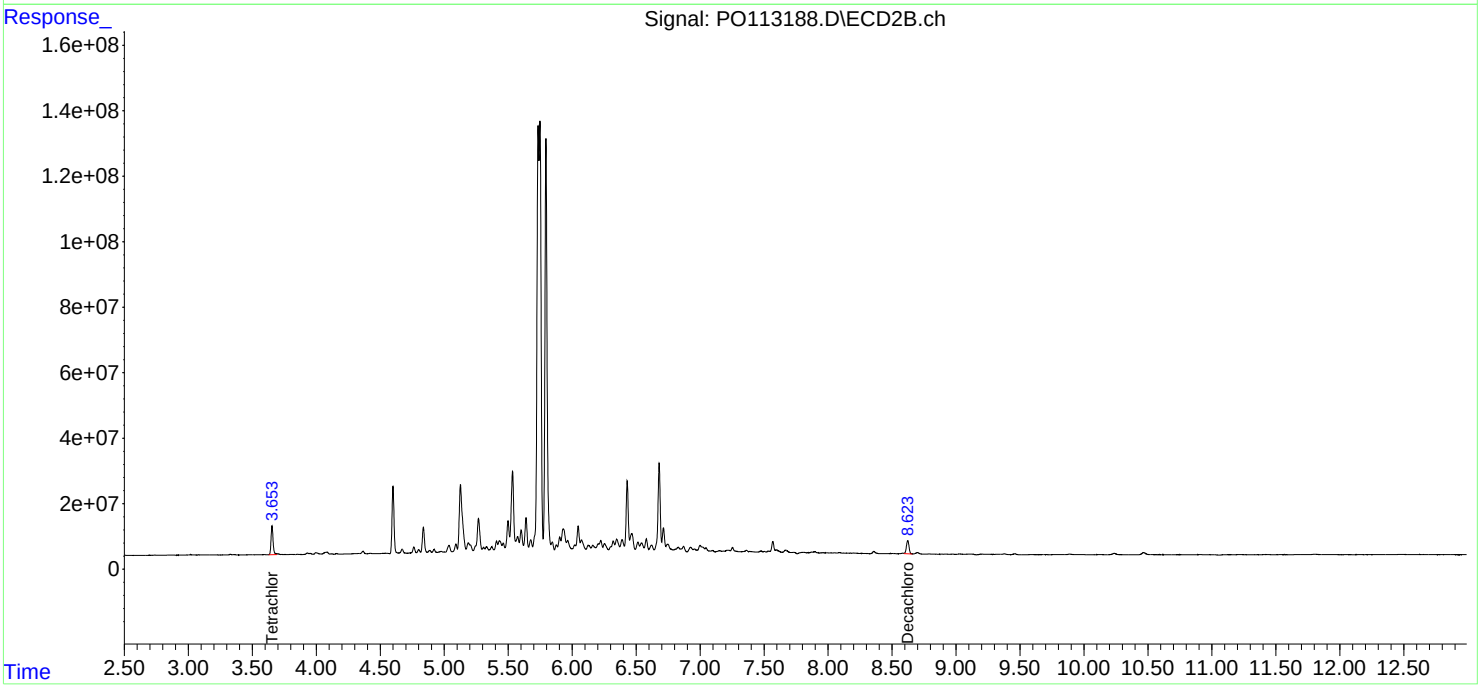
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:48
Operator : YP/AJ
Sample : Q2911-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

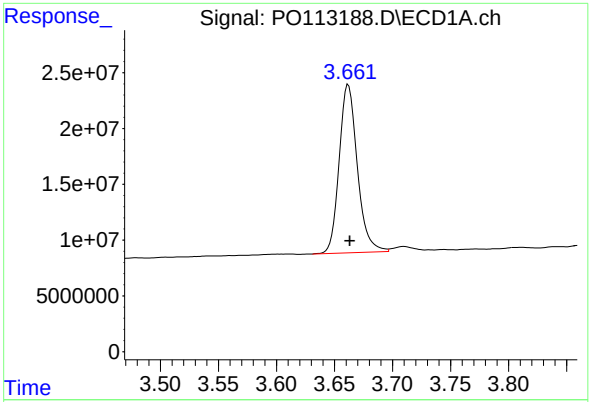
Instrument :
ECD_O
ClientSampleId :
K262-3B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:06:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



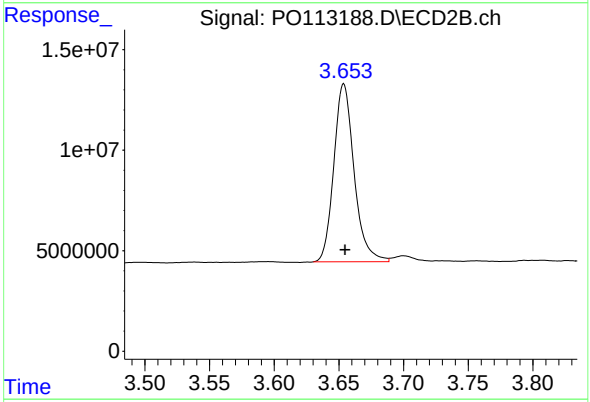




#1 Tetrachloro-m-xylene

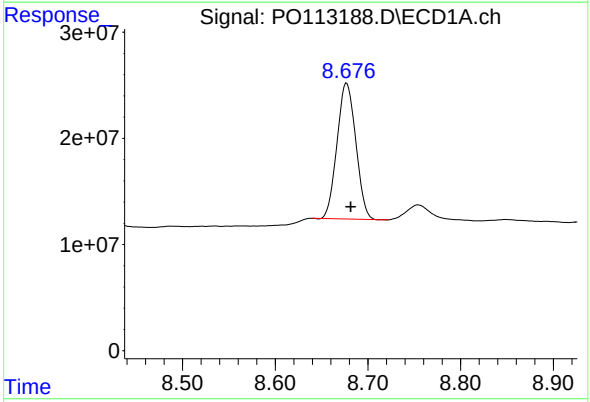
R.T.: 3.662 min
Delta R.T.: -0.001 min
Response: 164232692
Conc: 20.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
K262-3B



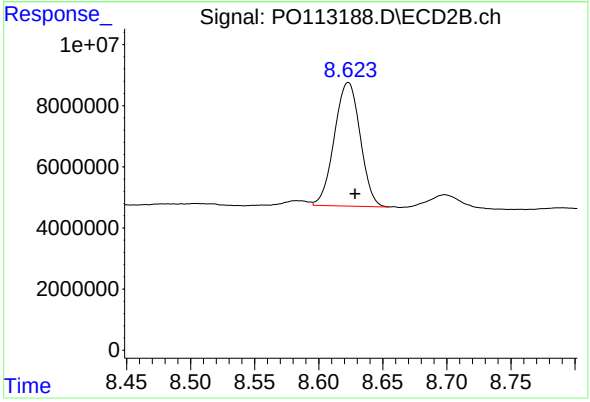
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.001 min
Response: 96695069
Conc: 19.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.004 min
Response: 179943064
Conc: 25.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.623 min
Delta R.T.: -0.006 min
Response: 56663767
Conc: 29.90 ng/ml m

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-3C	SDG No.:	Q2911
Lab Sample ID:	Q2911-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.1 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
PP074631.D	1	08/22/25 08:10	08/25/25 11:15	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.2	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.2	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.2	ug/kg
Total PCBs	Total PCBs	6.40	U	6.40	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	29.9		32 - 175	150%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 11:15
Operator : YP\AJ
Sample : Q2911-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-3C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:06:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.663	3.804	22484852	75961993	18.375	15.709
2)	SA Decachlor...	10.445	8.810	16955461	224.3E6	17.170	29.913 #
	Target Compounds						

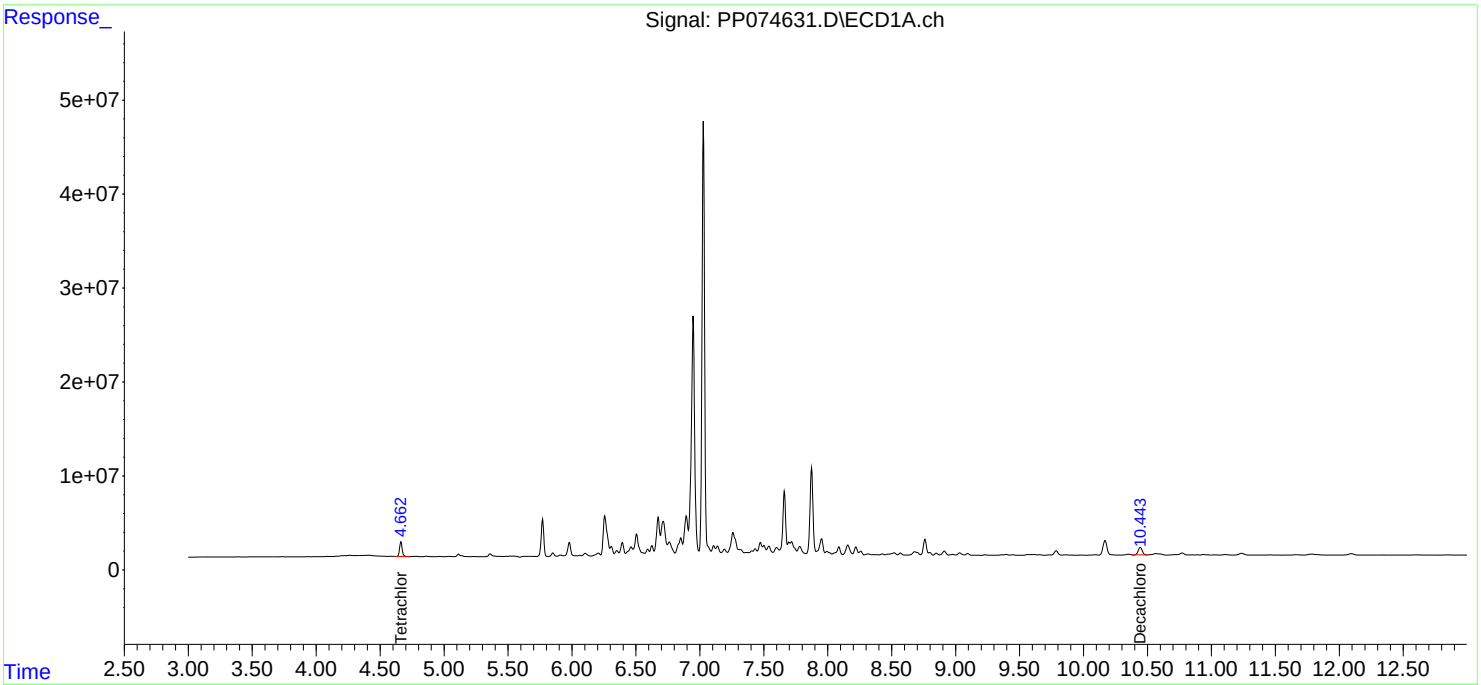
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

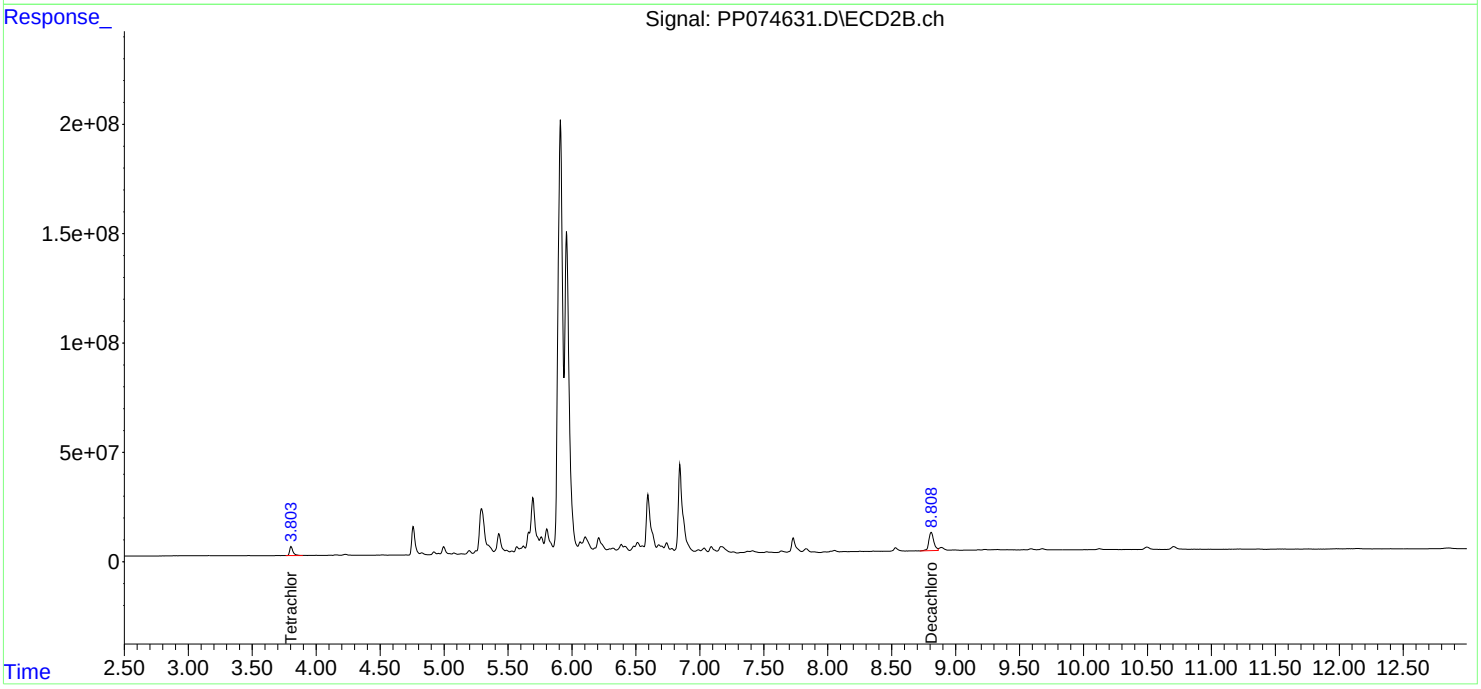
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 11:15
Operator : YP\AJ
Sample : Q2911-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

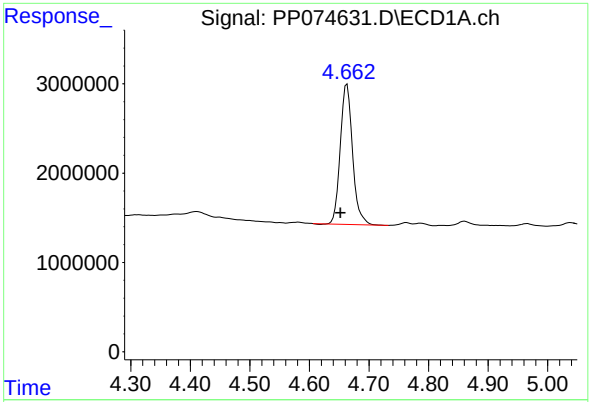
Instrument :
ECD_P
ClientSampleId :
K262-3C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:06:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



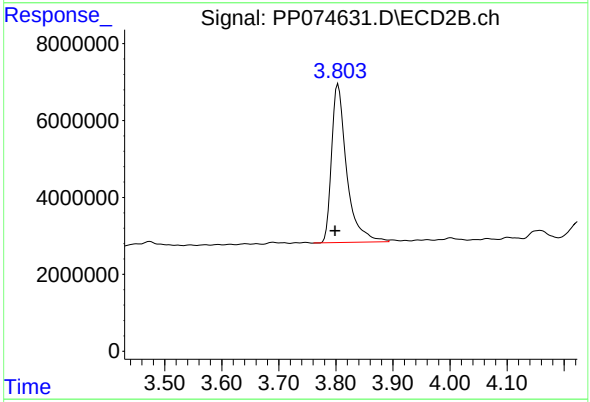




#1 Tetrachloro-m-xylene

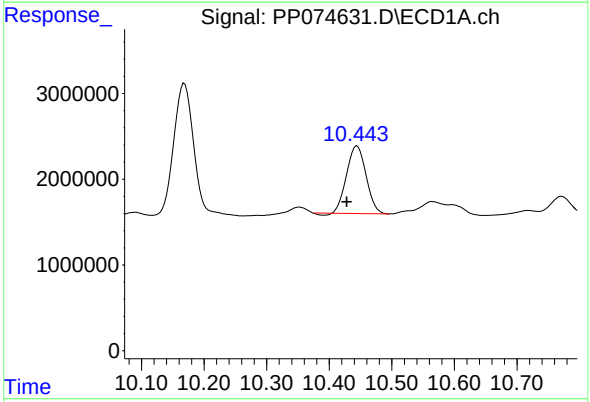
R.T.: 4.663 min
Delta R.T.: 0.011 min
Response: 22484852
Conc: 18.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-3C



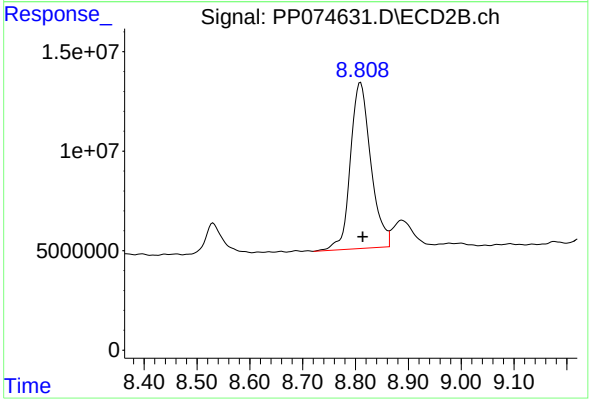
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.005 min
Response: 75961993
Conc: 15.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.445 min
Delta R.T.: 0.016 min
Response: 16955461
Conc: 17.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 224321477
Conc: 29.91 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-4A	SDG No.:	Q2911
Lab Sample ID:	Q2911-10	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	94.6 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
PP074632.D	1	08/22/25 08:10	08/25/25 11:32	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	17.9	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	17.9	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.9	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.9	ug/kg
12672-29-6	Aroclor-1248	6.20	U	6.20	17.9	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	17.9	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	17.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	17.9	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	17.9	ug/kg
Total PCBs	Total PCBs	6.20	U	6.20	17.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	29.5		32 - 175	148%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074632.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 11:32
Operator : YP\AJ
Sample : Q2911-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-4A

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:06:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.800	22300577	73462305	18.224	15.193
2)	SA Decachlor...	10.439	8.806	17244786	221.2E6	17.463m	29.499 #
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074632.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 11:32
Operator : YP\AJ
Sample : Q2911-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

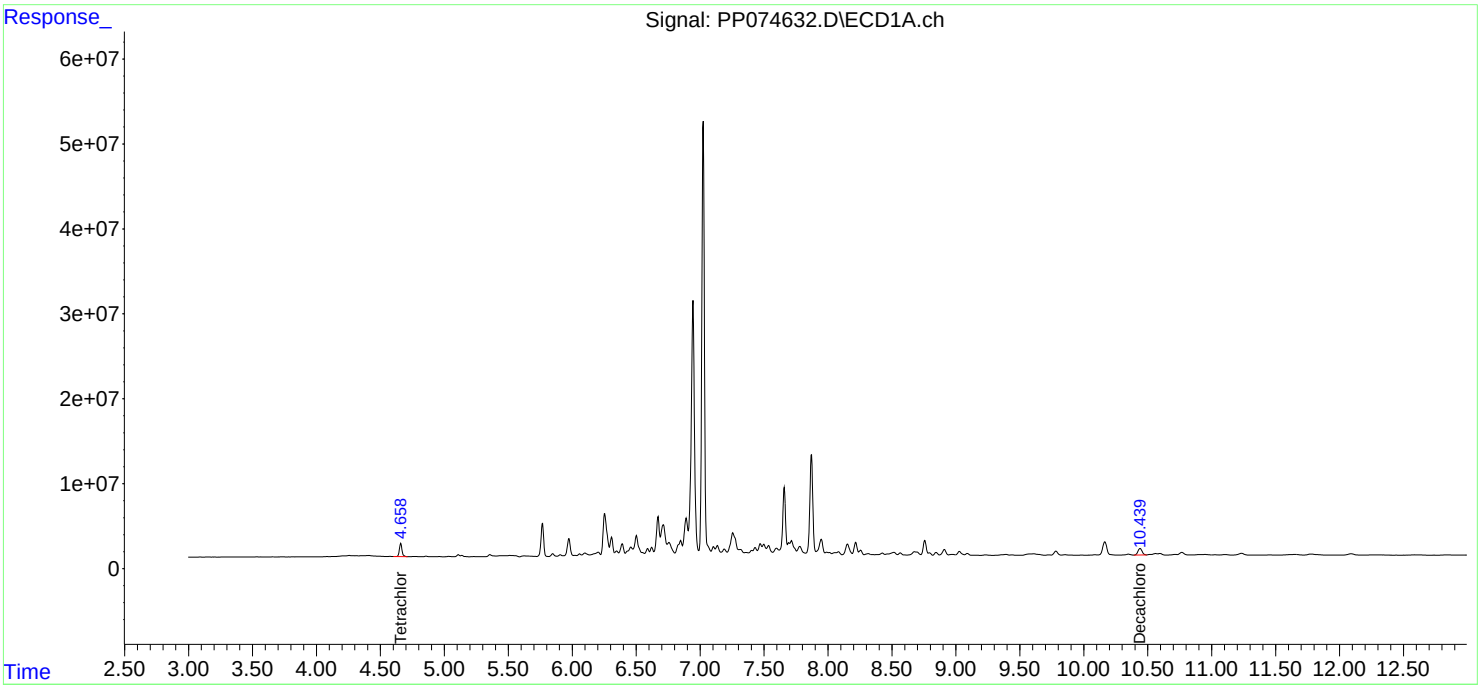
Instrument :
ECD_P
ClientSampleId :
K262-4A

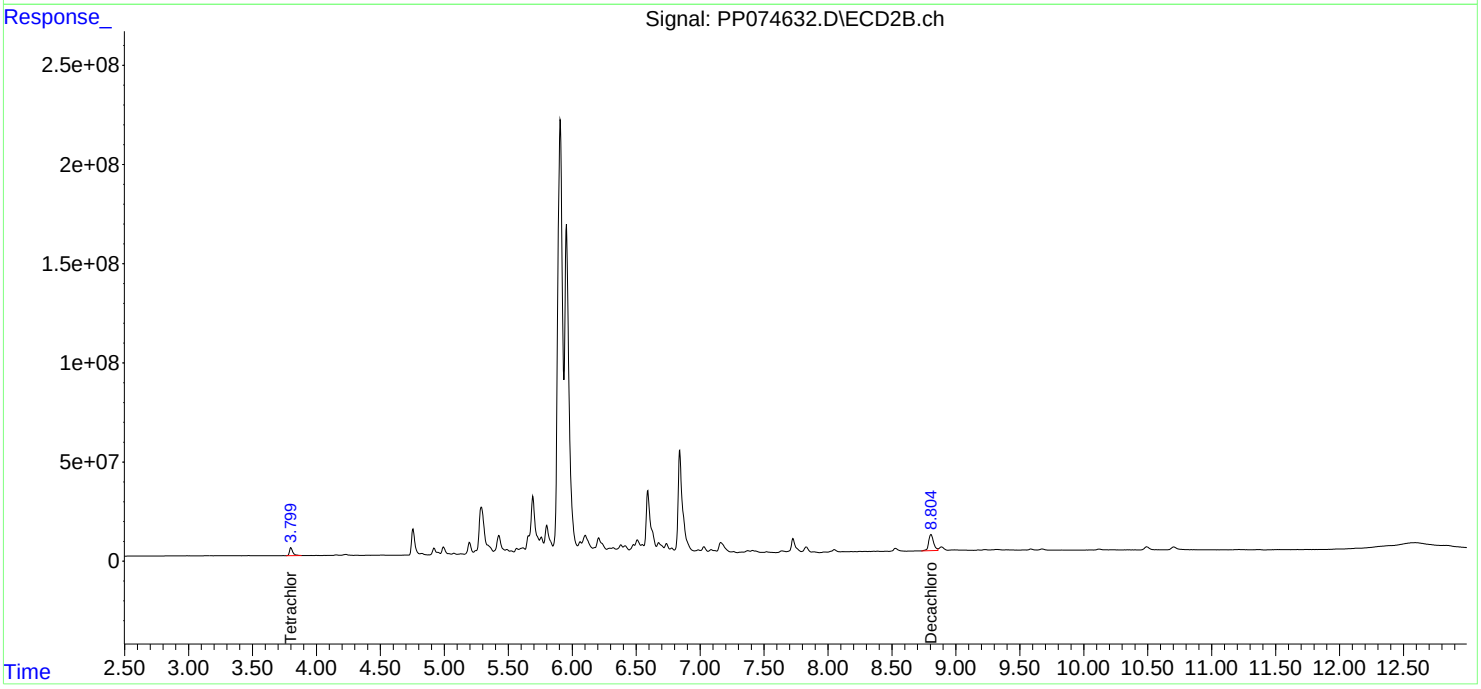
Manual Integrations APPROVED

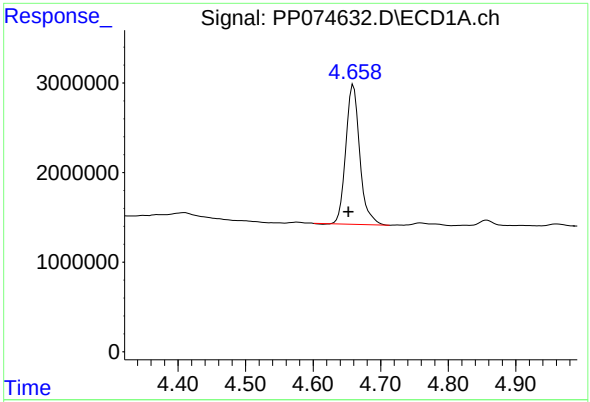
Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:06:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







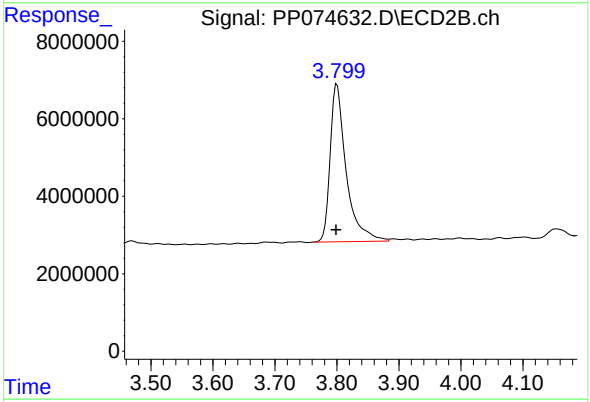
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 22300577
Conc: 18.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-4A

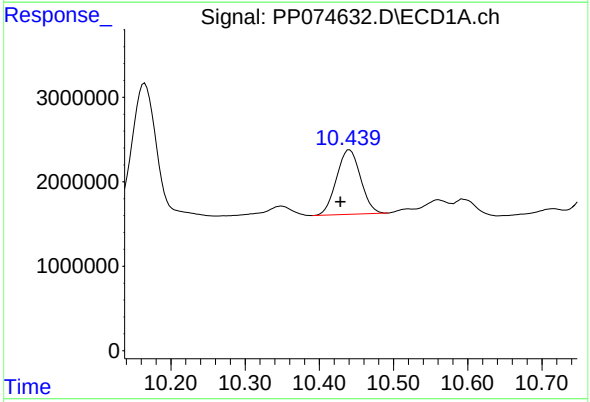
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



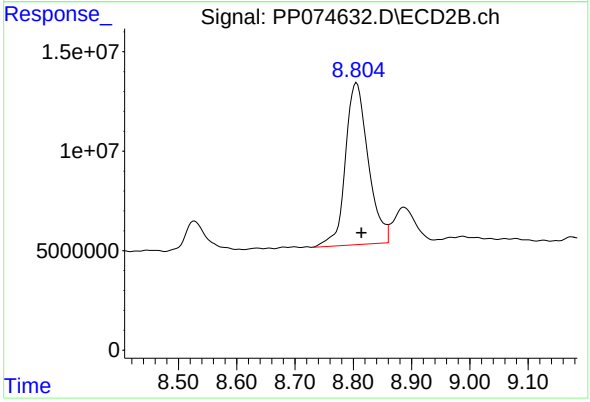
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.002 min
Response: 73462305
Conc: 15.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.011 min
Response: 17244786
Conc: 17.46 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: -0.008 min
Response: 221215640
Conc: 29.50 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-4B	SDG No.:	Q2911
Lab Sample ID:	Q2911-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.9 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
PP074633.D	1	08/22/25 08:10	08/25/25 11:48	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.1	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.1	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.1	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.1	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.1	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.1	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	18.1	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.1	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	18.1	ug/kg
Total PCBs	Total PCBs	6.30	U	6.30	18.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	29.5		32 - 175	148%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074633.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 11:48
Operator : YP\AJ
Sample : Q2911-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-4B

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:38:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.800	22169004	75182105	18.117m	15.548
2)	SA Decachlor...	10.439	8.806	17338833	221.4E6	17.558m	29.518 #
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074633.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 11:48
Operator : YP\AJ
Sample : Q2911-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

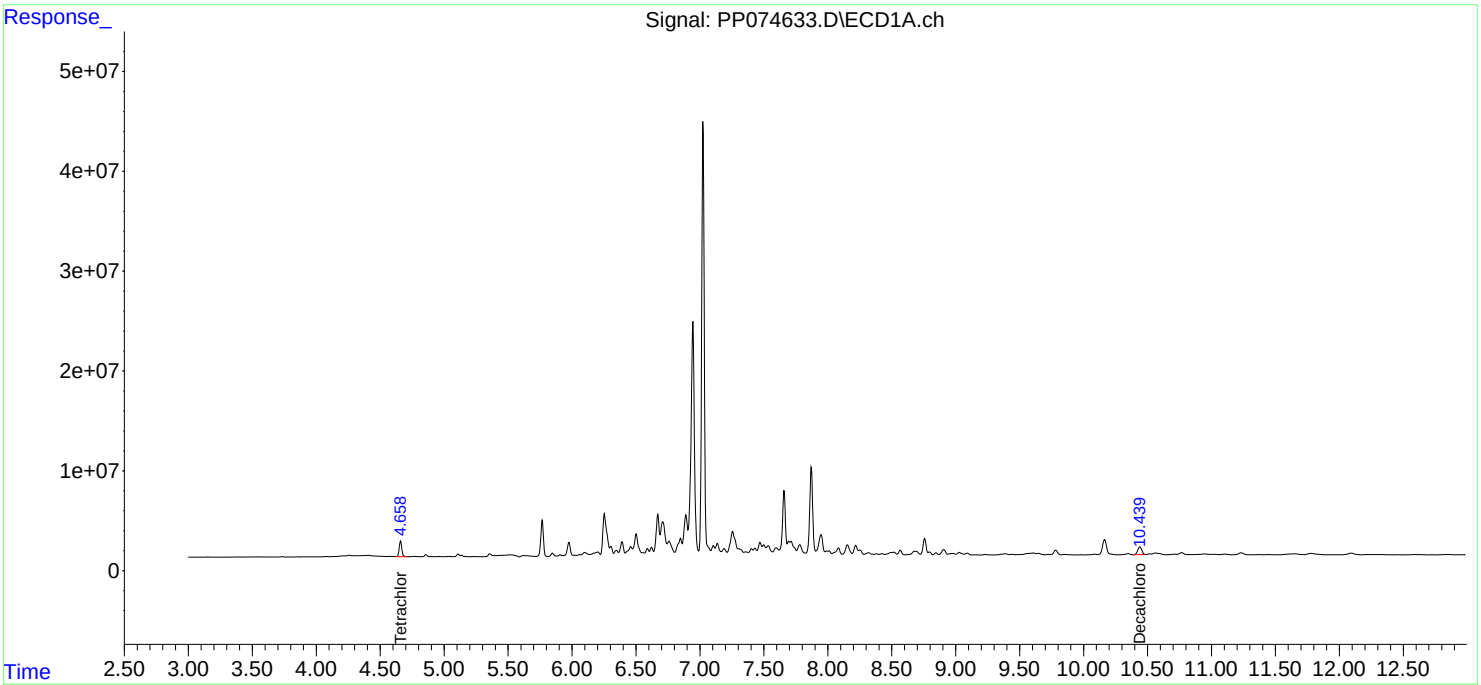
Instrument :
ECD_P
ClientSampleId :
K262-4B

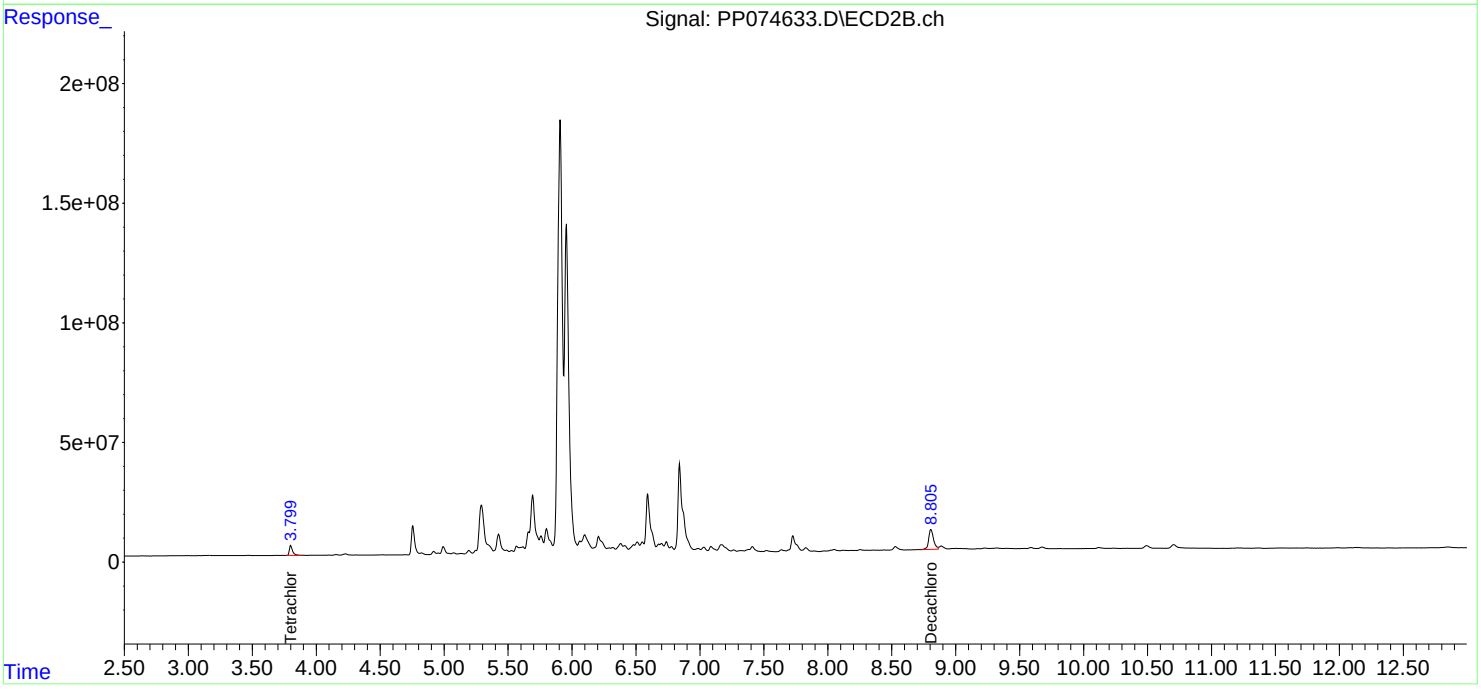
Manual Integrations APPROVED

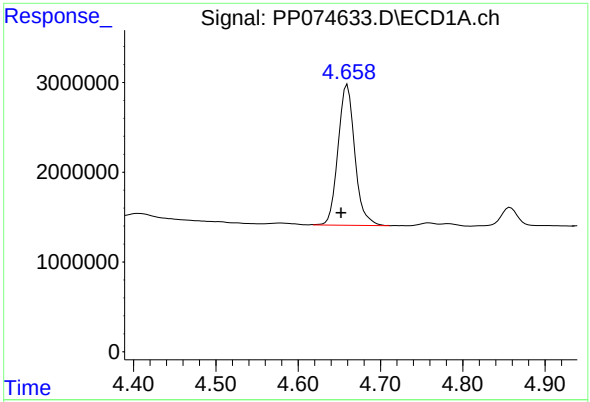
Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:38:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







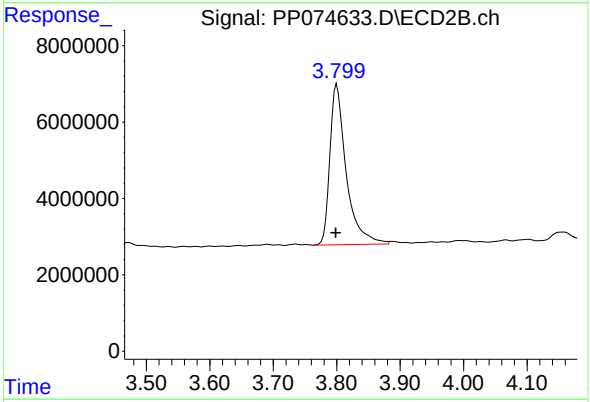
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 22169004
Conc: 18.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-4B

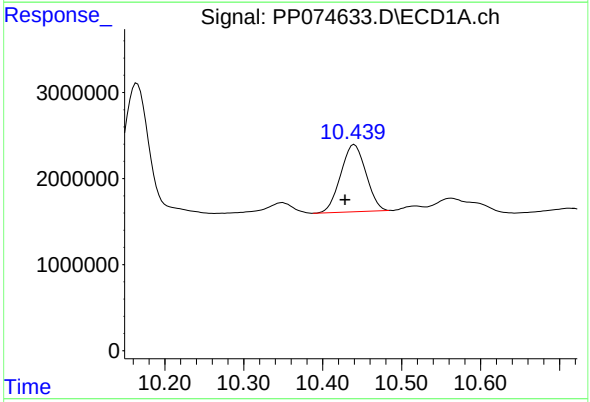
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



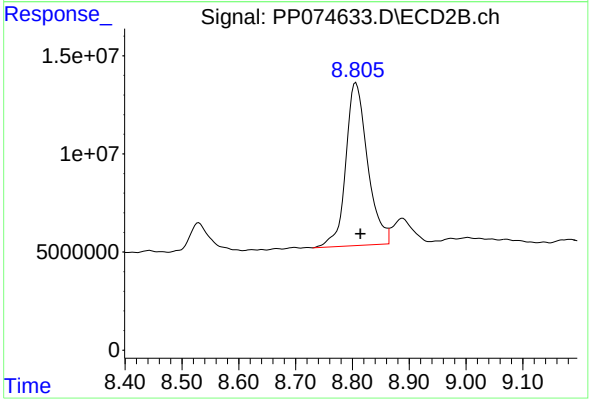
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.002 min
Response: 75182105
Conc: 15.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.010 min
Response: 17338833
Conc: 17.56 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: -0.008 min
Response: 221361616
Conc: 29.52 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-4C	SDG No.:	Q2911
Lab Sample ID:	Q2911-12	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.5 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074634.D	1	08/22/25 08:10	08/25/25 12:04	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.1	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.1	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.1	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.1	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.1	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.1	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.1	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.1	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	18.1	ug/kg
Total PCBs	Total PCBs	6.30	U	6.30	18.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.2		32 - 144	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	28.2		32 - 175	141%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074634.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 12:04
Operator : YP\AJ
Sample : Q2911-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-4C

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:39:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.803	21079297	66393103	17.226m	13.731
2)	SA Decachlor...	10.445	8.810	15428244	211.4E6	15.623m	28.185 #
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074634.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 12:04
Operator : YP\AJ
Sample : Q2911-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

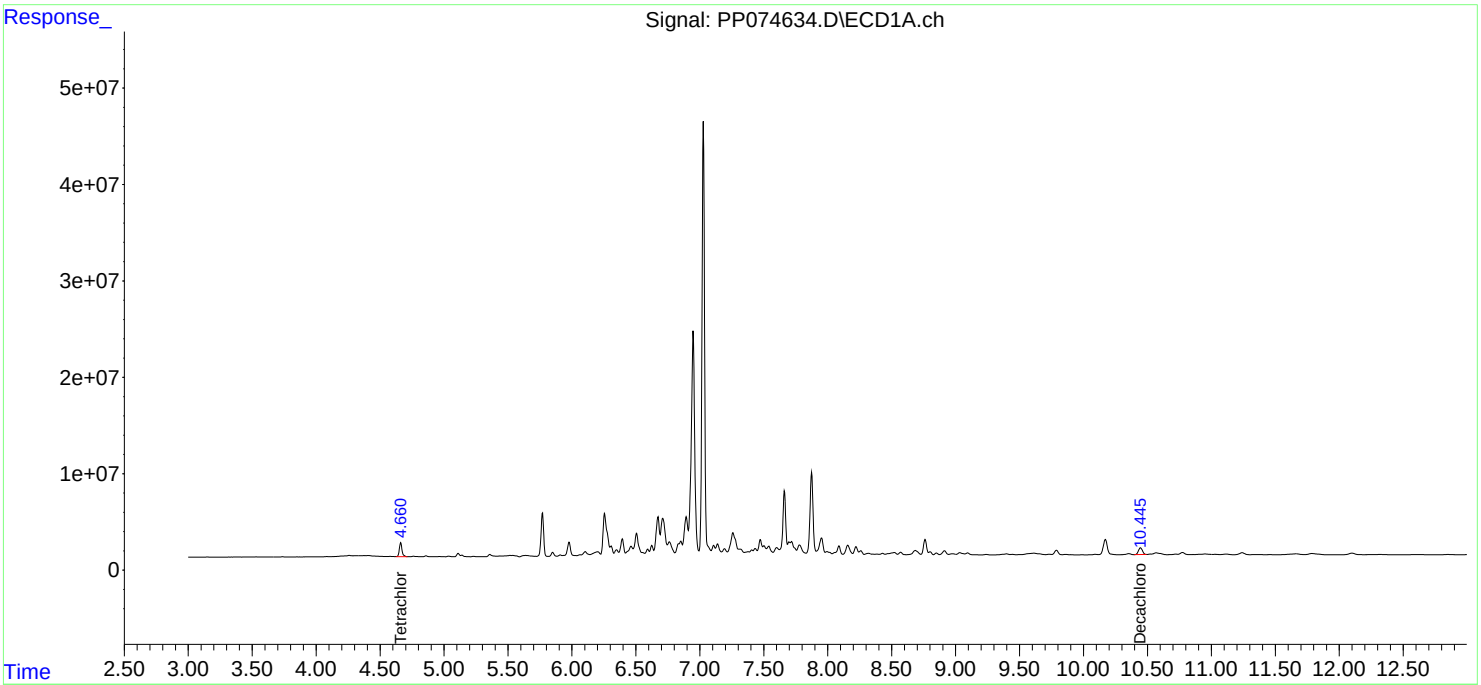
Instrument :
ECD_P
ClientSampleId :
K262-4C

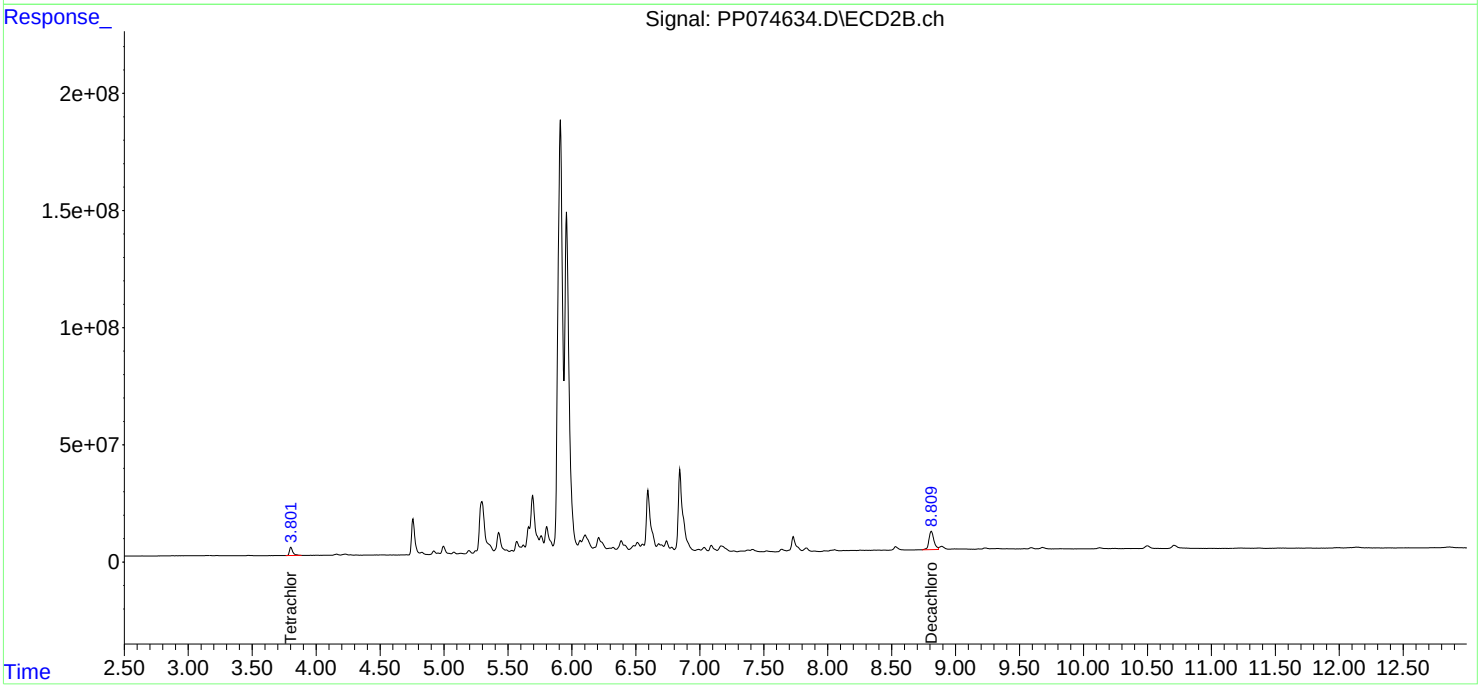
Manual Integrations APPROVED

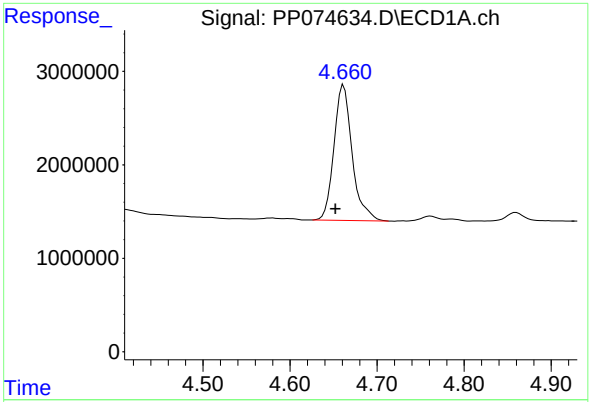
Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:39:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







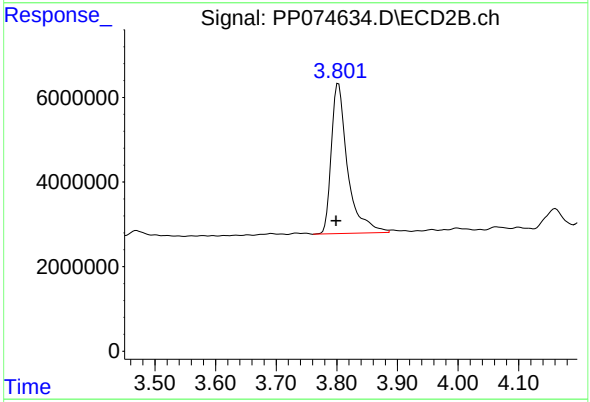
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 21079297
Conc: 17.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-4C

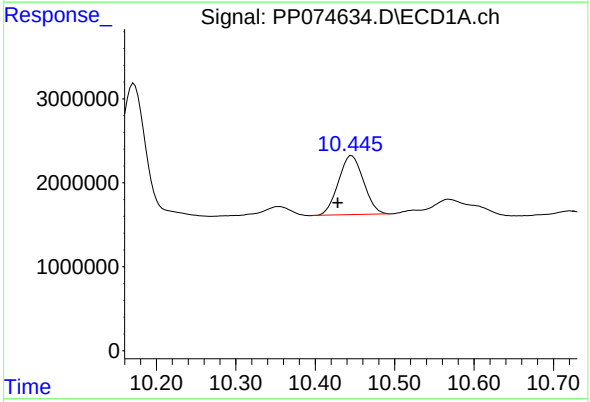
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



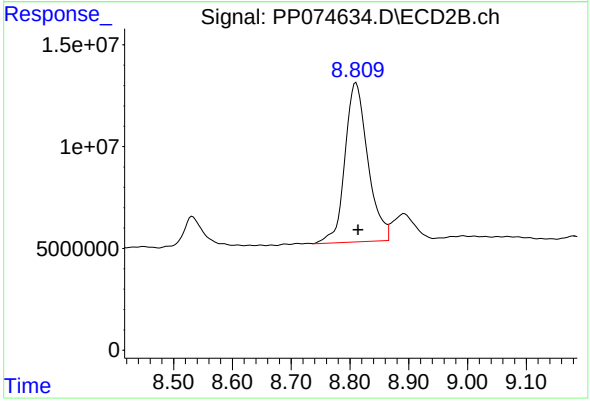
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.004 min
Response: 66393103
Conc: 13.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.445 min
Delta R.T.: 0.016 min
Response: 15428244
Conc: 15.62 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 211367342
Conc: 28.19 ng/ml

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Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-5A	SDG No.:	Q2911
Lab Sample ID:	Q2911-13	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.8 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
PP074584.D	1	08/22/25 08:10	08/22/25 16:08	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.5	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.5	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.5	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.5	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.5	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.5	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.5	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.5	ug/kg
Total PCBs	Total PCBs	6.40	U	6.40	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	36.8	*	32 - 175	184%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:08
Operator : YP\AJ
Sample : Q2911-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-5A

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:31:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.800	24437194	79227113	19.970	16.385
2)	SA Decachlor...	10.434	8.805	17730197	276.3E6	17.954m	36.844 #
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:08
Operator : YP\AJ
Sample : Q2911-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

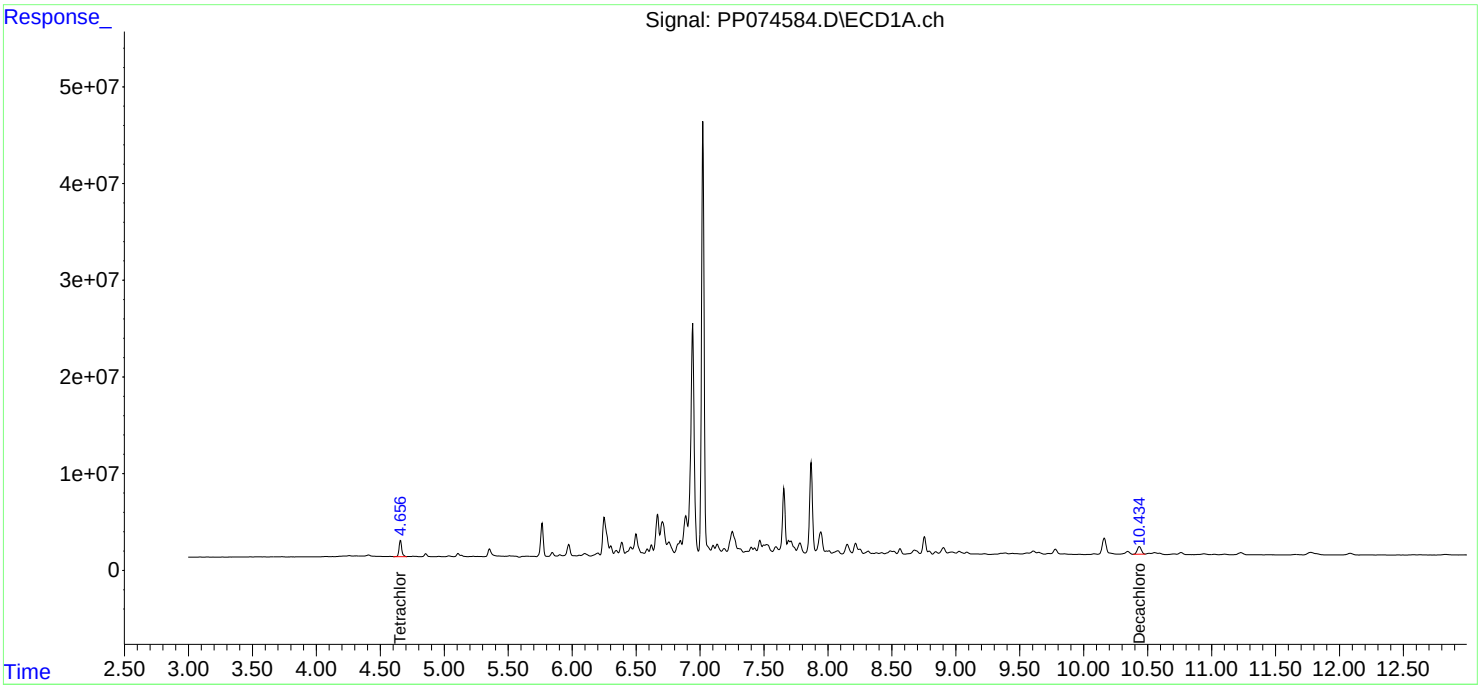
Instrument :
ECD_P
ClientSampleId :
K262-5A

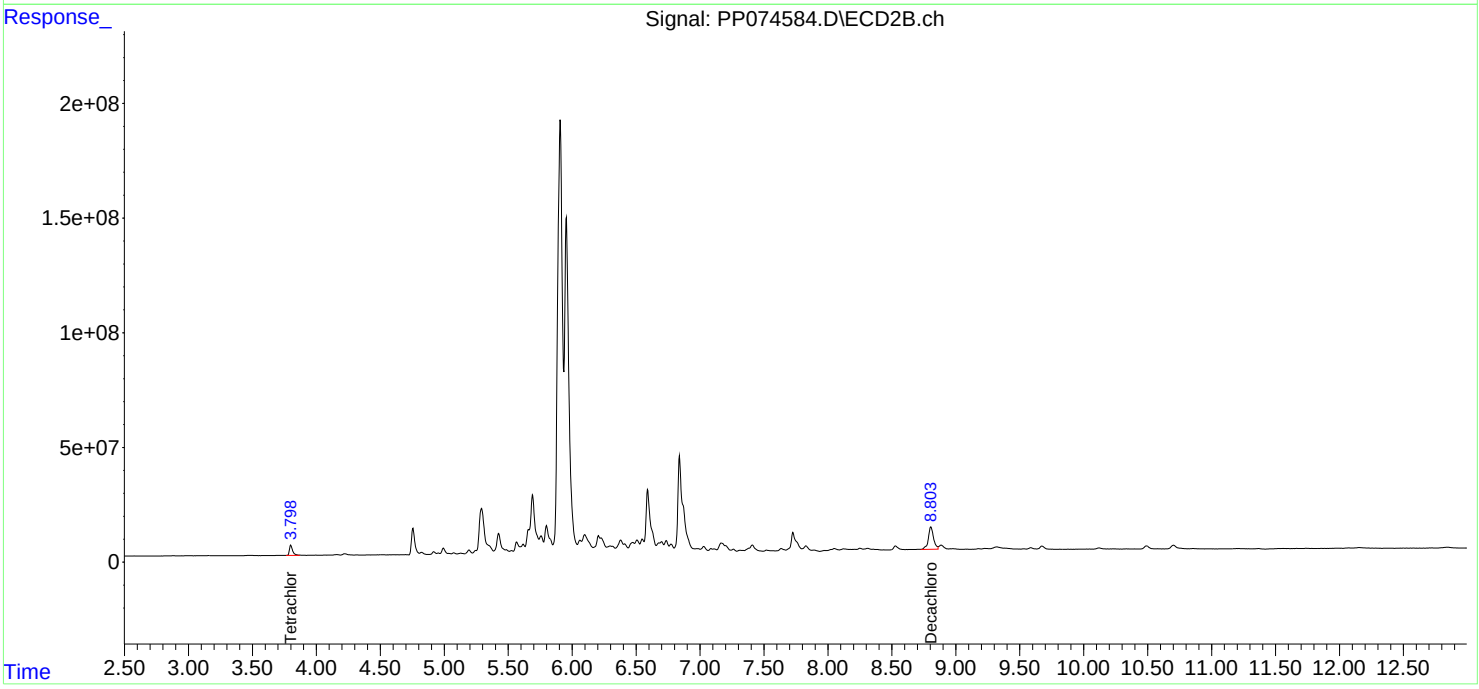
Manual Integrations APPROVED

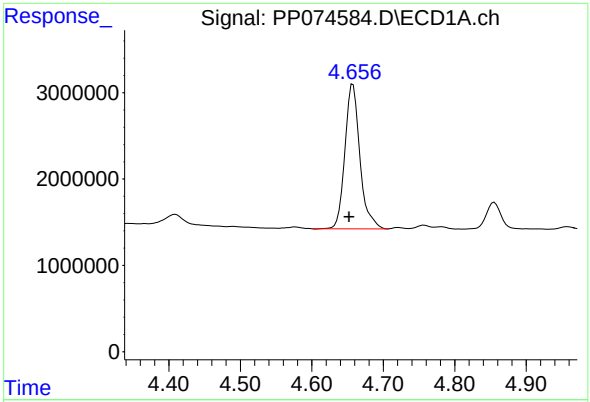
Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:31:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







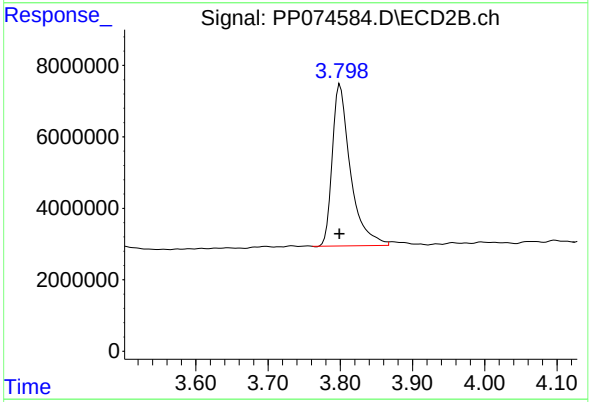
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 24437194
Conc: 19.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-5A

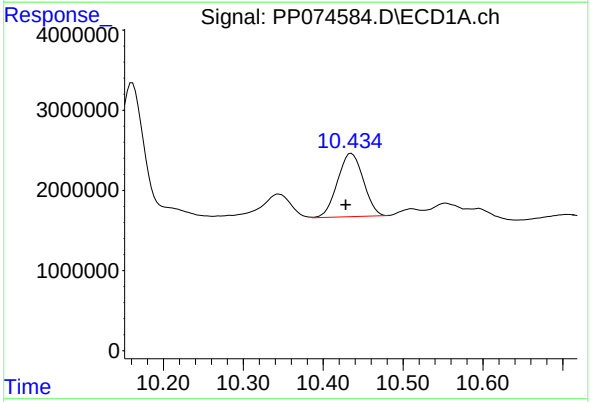
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



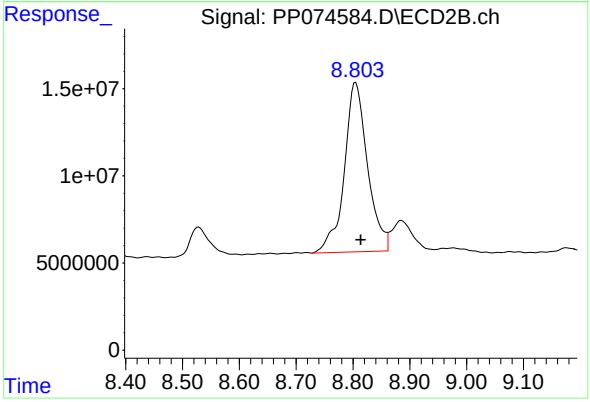
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 79227113
Conc: 16.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.005 min
Response: 17730197
Conc: 17.95 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: -0.009 min
Response: 276302457
Conc: 36.84 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-5B	SDG No.:	Q2911
Lab Sample ID:	Q2911-14	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.3 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
PP074585.D	1	08/22/25 08:10	08/22/25 16:24	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.2	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.2	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.2	ug/kg
Total PCBs	Total PCBs	6.30	U	6.30	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	41.5	*	32 - 175	208%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:24
Operator : YP\AJ
Sample : Q2911-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-5B

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:31:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.800	25546223	83427332	20.876	17.253
2)	SA Decachlor...	10.434	8.805	20916270	311.5E6	21.181m	41.538 #
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:24
Operator : YP\AJ
Sample : Q2911-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

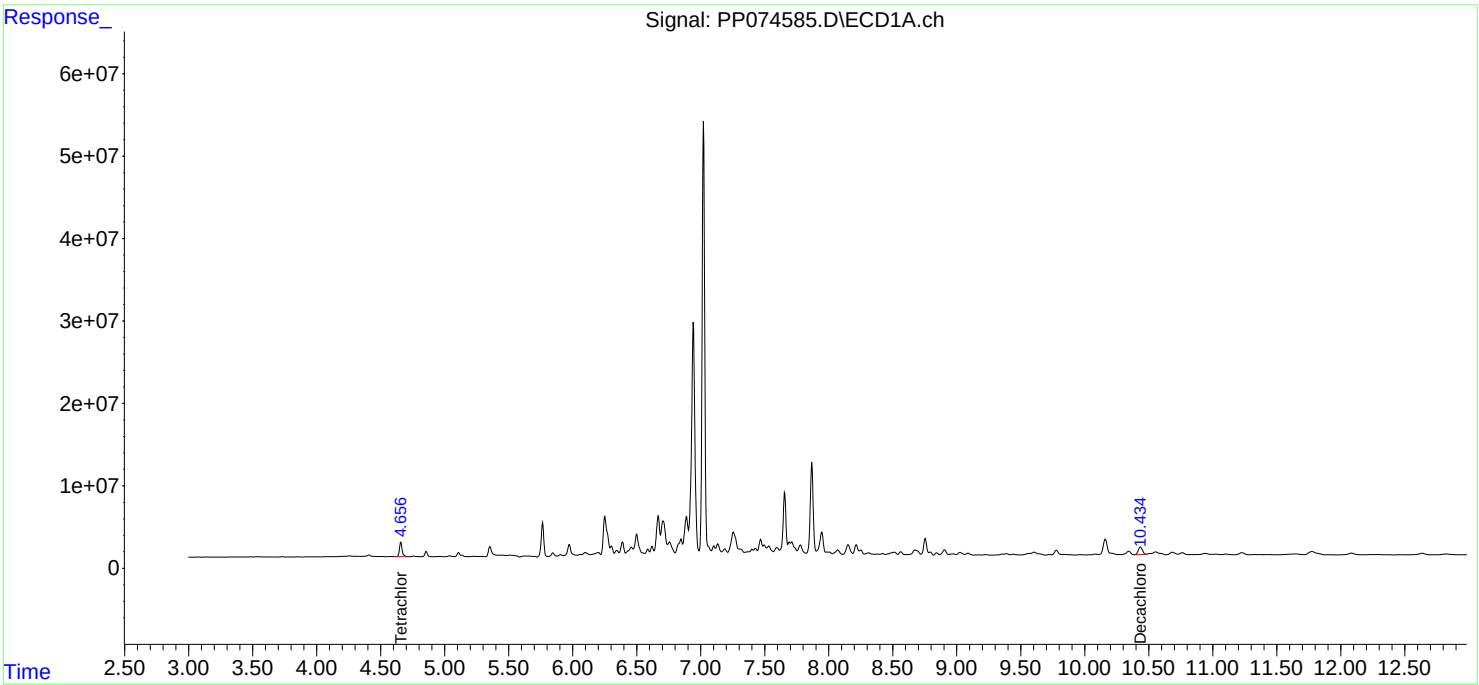
Instrument :
ECD_P
ClientSampleId :
K262-5B

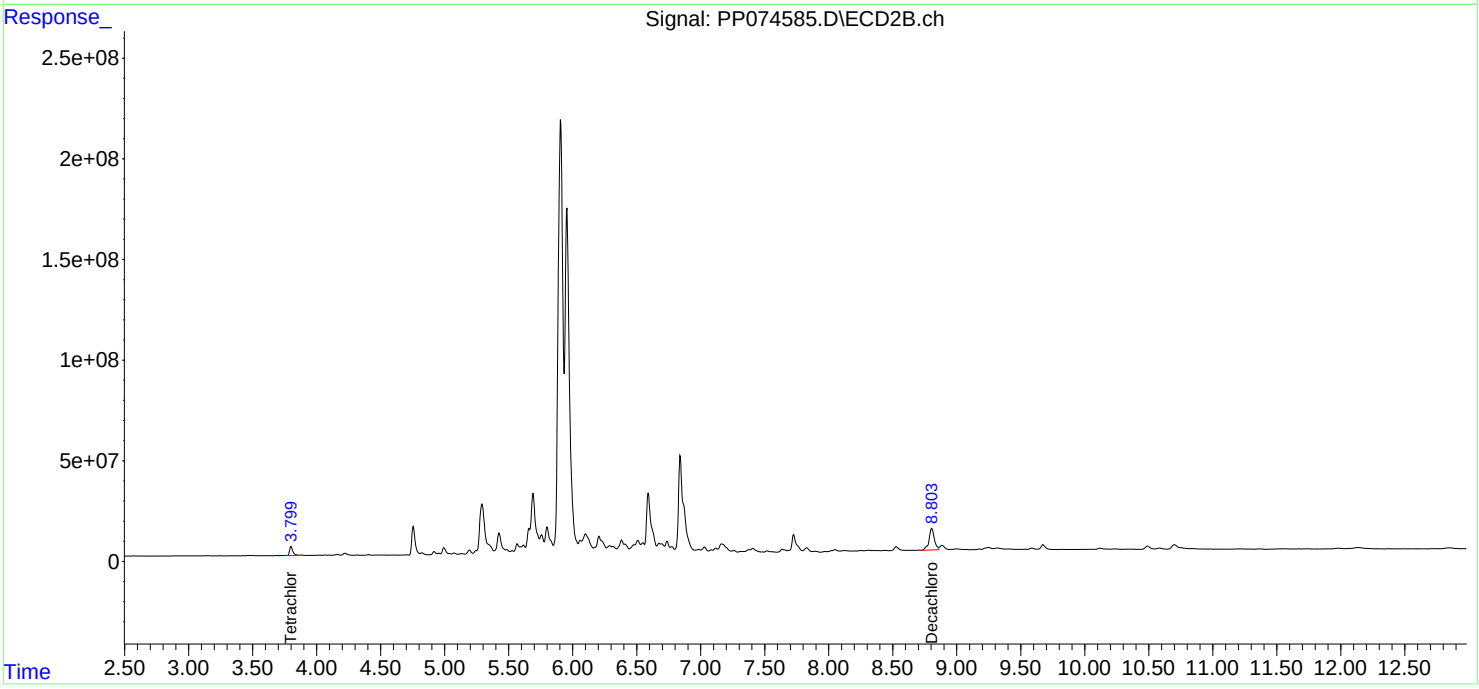
Manual Integrations APPROVED

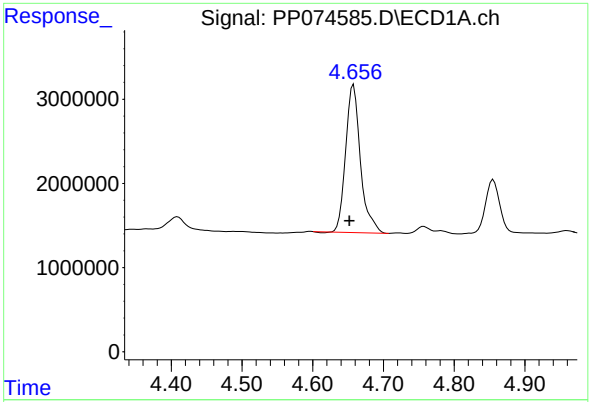
Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:31:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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







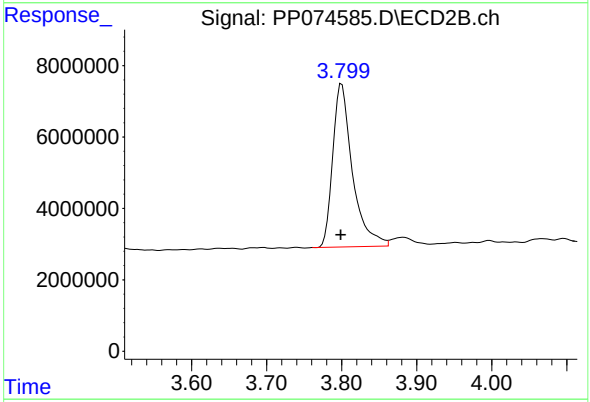
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 25546223
Conc: 20.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-5B

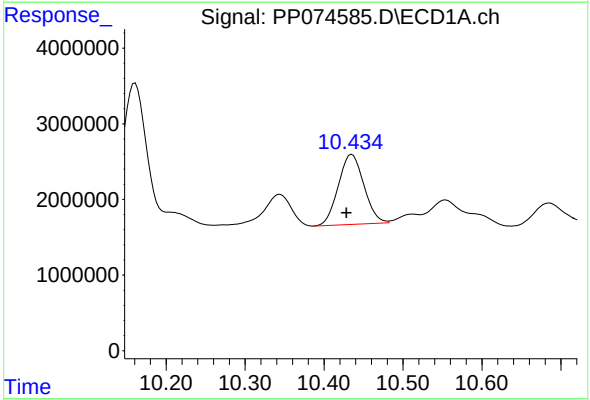
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025



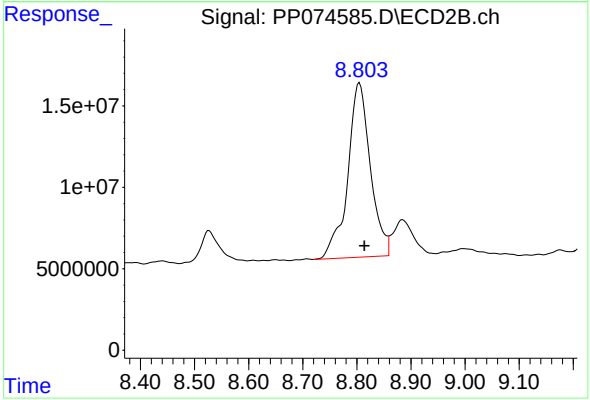
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 83427332
Conc: 17.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.006 min
Response: 20916270
Conc: 21.18 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: -0.009 min
Response: 311498924
Conc: 41.54 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-5C	SDG No.:	Q2911
Lab Sample ID:	Q2911-15	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.3 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074586.D	1	08/22/25 08:10	08/22/25 16:41	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.2	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.2	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.2	ug/kg
Total PCBs	Total PCBs	6.30	U	6.30	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	37.6	*	32 - 175	188%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:41
Operator : YP\AJ
Sample : Q2911-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-5C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:32:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.798	25094649	81130173	20.507	16.778
2)	SA Decachlor...	10.434	8.803	18128263	282.3E6	18.358	37.648 #
	Target Compounds						

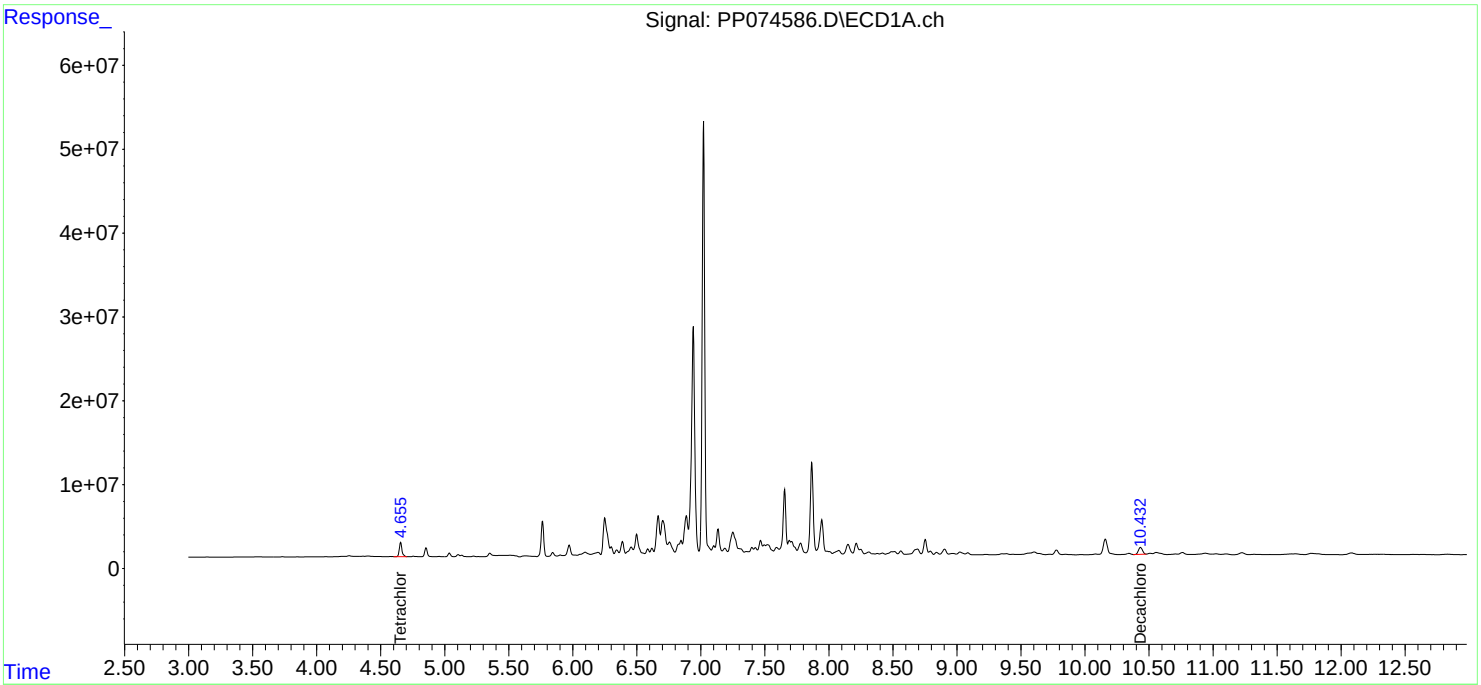
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

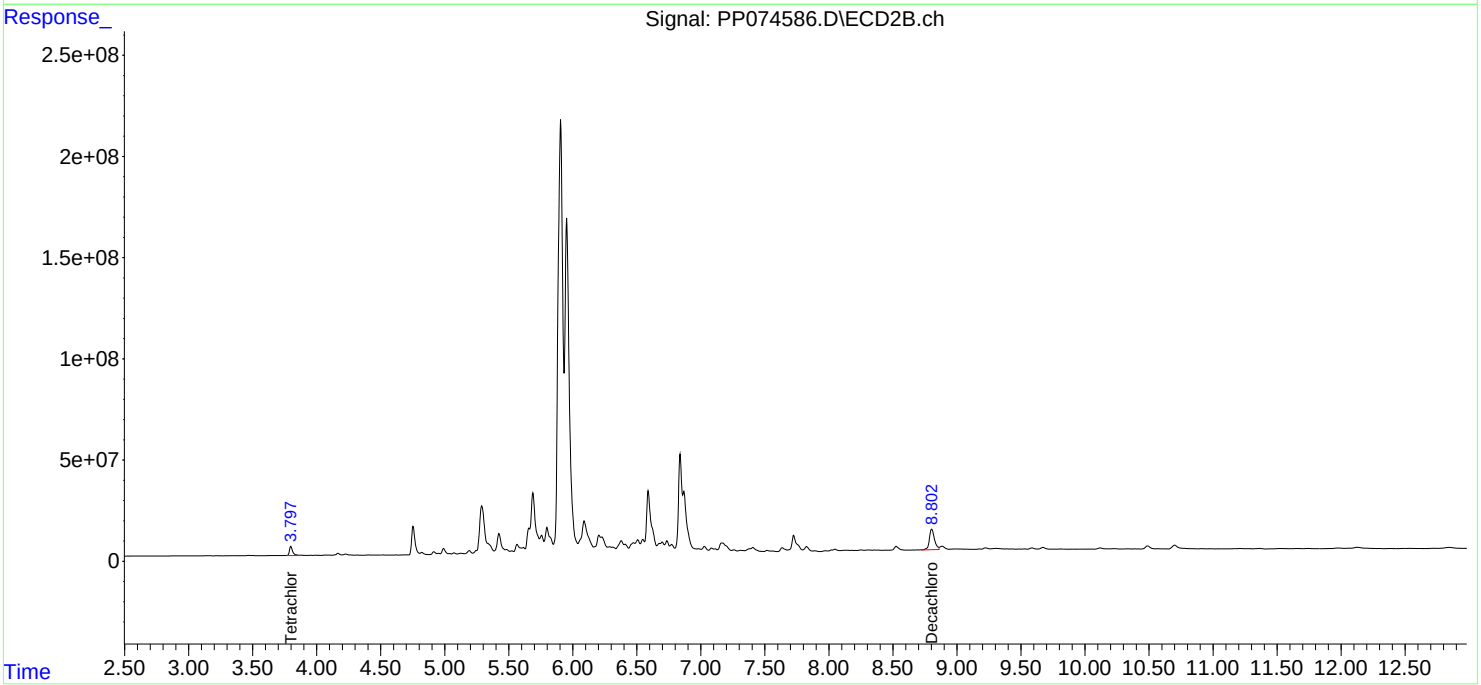
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:41
Operator : YP\AJ
Sample : Q2911-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

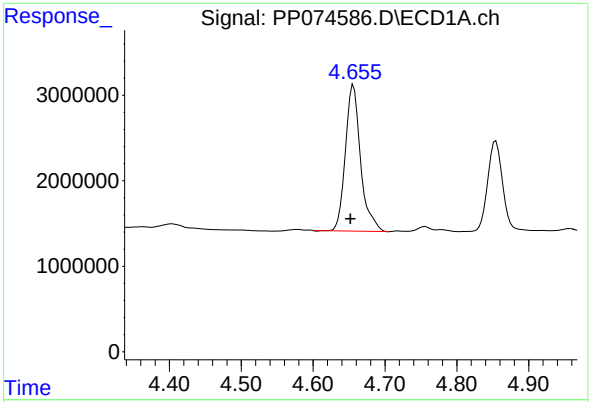
Instrument :
ECD_P
ClientSampleId :
K262-5C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:32:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



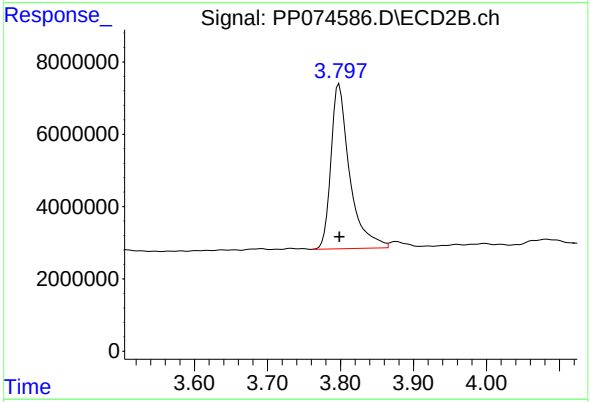




#1 Tetrachloro-m-xylene

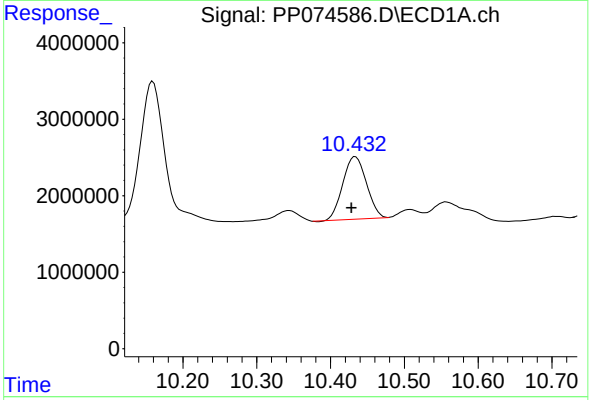
R.T.: 4.656 min
Delta R.T.: 0.004 min
Response: 25094649
Conc: 20.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-5C



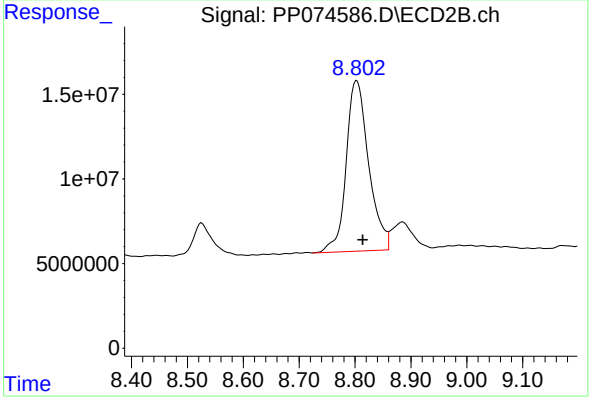
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 81130173
Conc: 16.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.005 min
Response: 18128263
Conc: 18.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.803 min
Delta R.T.: -0.011 min
Response: 282328014
Conc: 37.65 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-6C	SDG No.:	Q2911
Lab Sample ID:	Q2911-16	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.1 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
PP074587.D	1	08/22/25 08:10	08/22/25 16:57	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	20.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	20.0	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.0	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	20.0	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.0	ug/kg
11097-69-1	Aroclor-1254	444	E	3.80	20.0	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	20.0	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.0	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.0	ug/kg
Total PCBs	Total PCBs	444		3.80	20.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		32 - 175	89%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074587.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:57
Operator : YP\AJ
Sample : Q2911-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-6C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:32:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.801	22249318	76785164	18.182	15.880
2)	SA Decachlor...	10.437	8.815	15814690	133.7E6	16.015	17.830
	Target Compounds						
26)	L6 AR-1254-1	6.660	5.686	28392923	125.9E6	487.270	264.203 #
27)	L6 AR-1254-2	6.875	5.831	34994470	174.2E6	428.770	494.665
28)	L6 AR-1254-3	7.238	6.234	38918919	349.1E6	436.279	563.277 #
29)	L6 AR-1254-4	7.519	6.461	28603232	177.1E6	433.950	377.851
30)	L6 AR-1254-5	7.951	6.876	267.5E6	1944.0E6	3219.453	3963.371

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

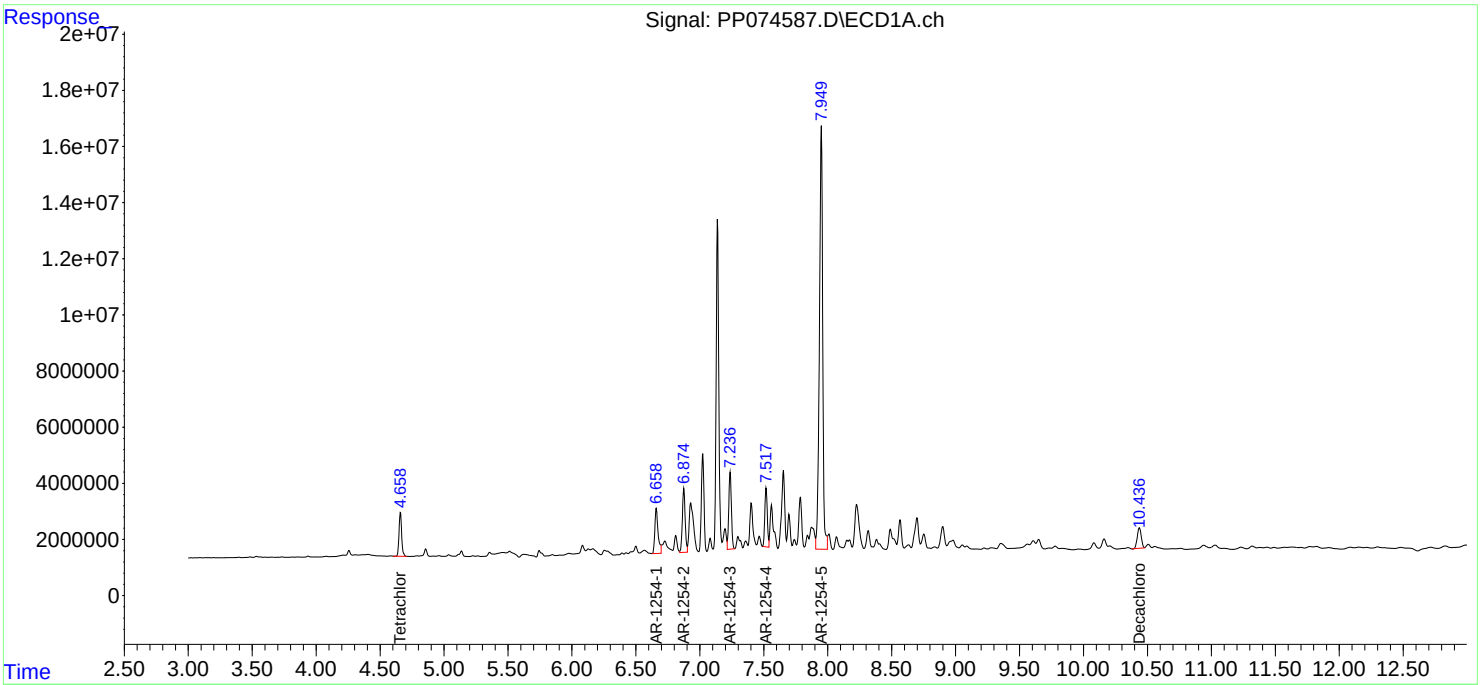
Quantitation Report (QT Reviewed)

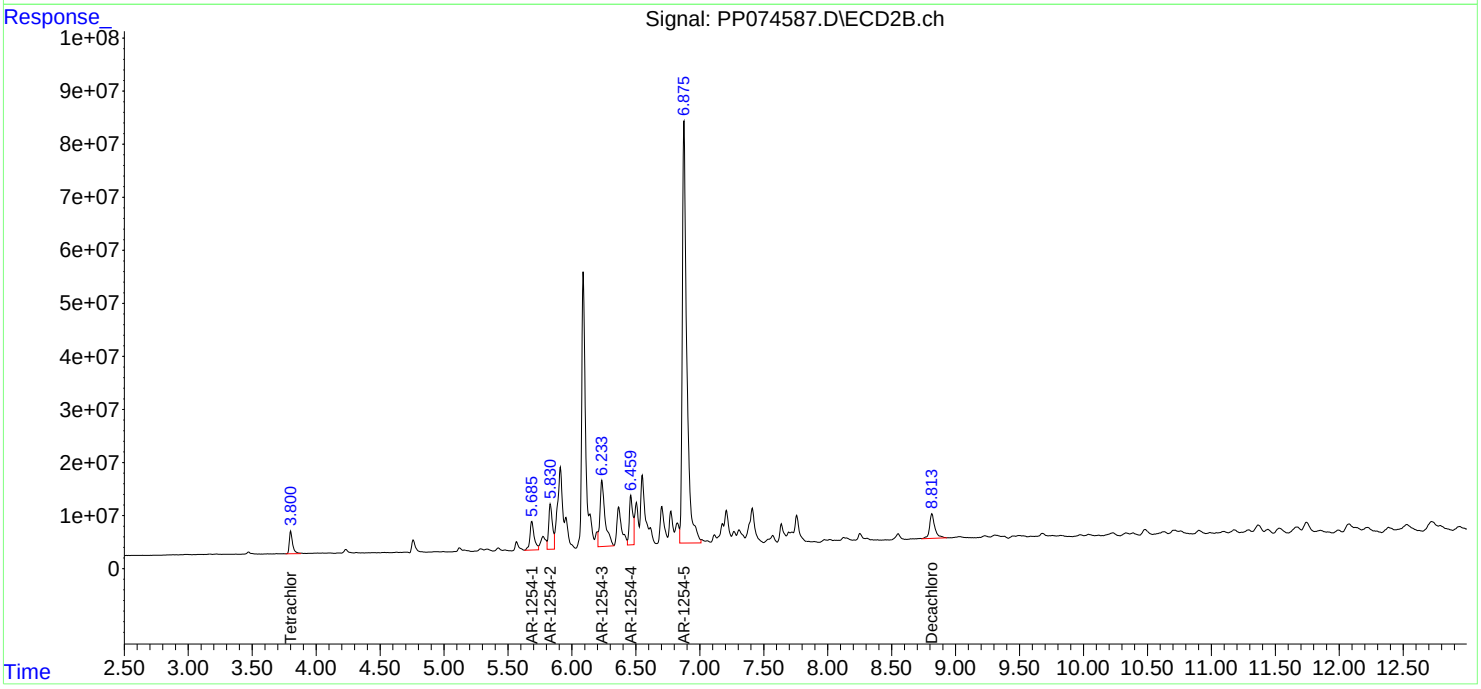
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074587.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:57
Operator : YP\AJ
Sample : Q2911-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

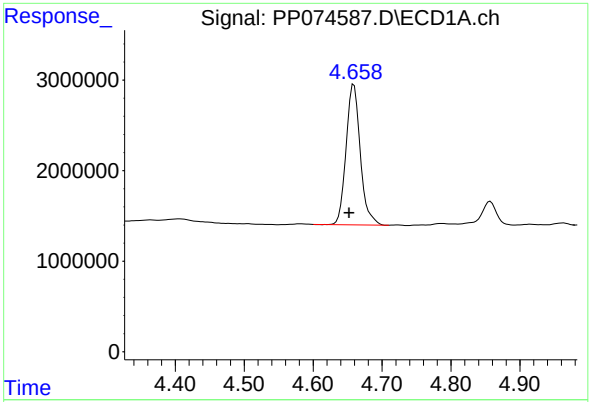
Instrument :
ECD_P
ClientSampleId :
K262-6C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:32:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



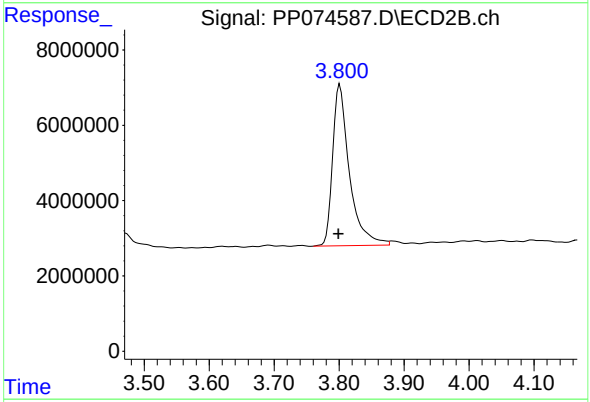




#1 Tetrachloro-m-xylene

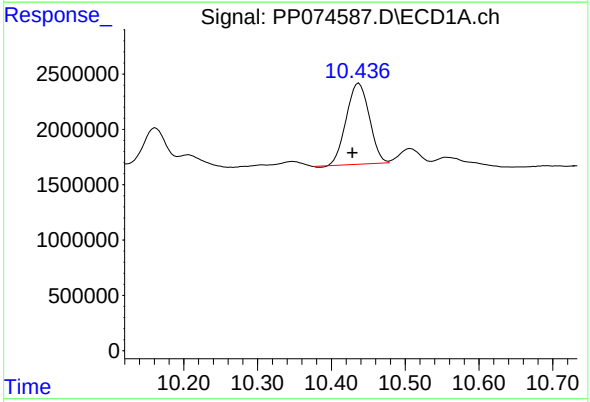
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 22249318
Conc: 18.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-6C



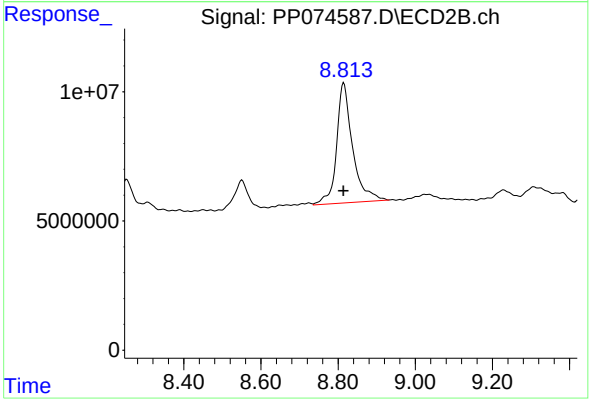
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: 76785164
Conc: 15.88 ng/ml



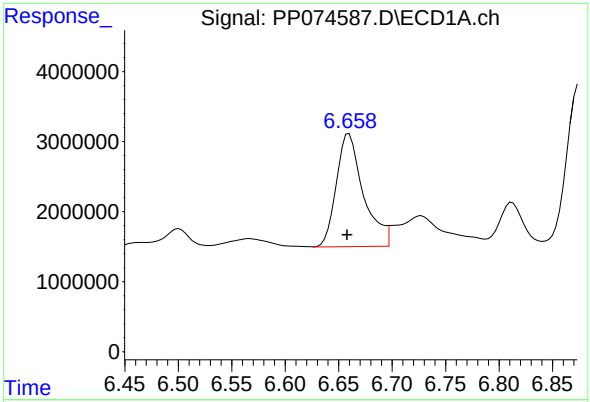
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.009 min
Response: 15814690
Conc: 16.01 ng/ml



#2 Decachlorobiphenyl

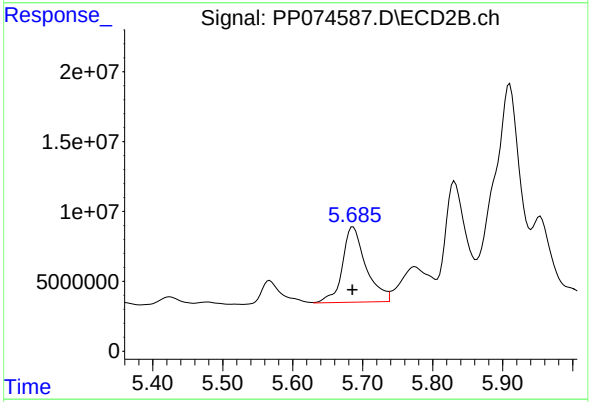
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 133711796
Conc: 17.83 ng/ml



#26 AR-1254-1

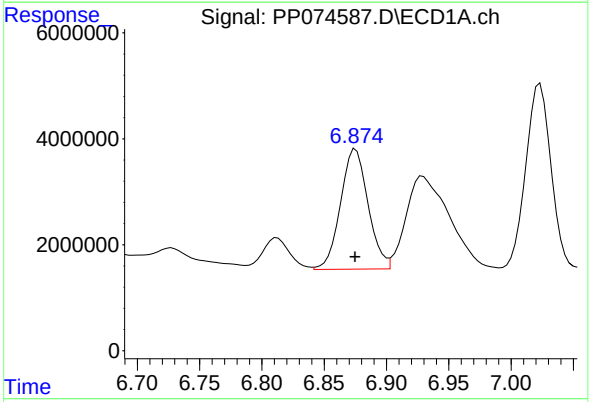
R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 28392923
Conc: 487.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-6C



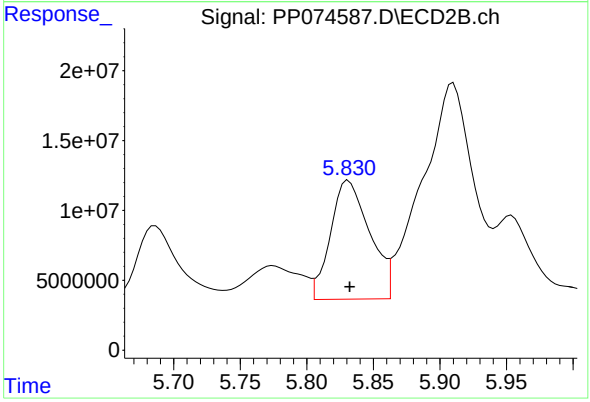
#26 AR-1254-1

R.T.: 5.686 min
Delta R.T.: 0.001 min
Response: 125948231
Conc: 264.20 ng/ml



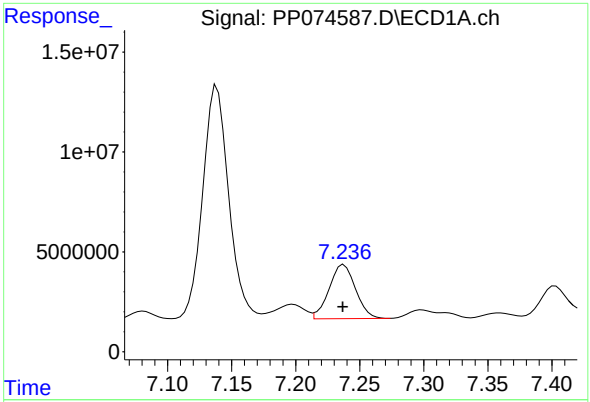
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 34994470
Conc: 428.77 ng/ml



#27 AR-1254-2

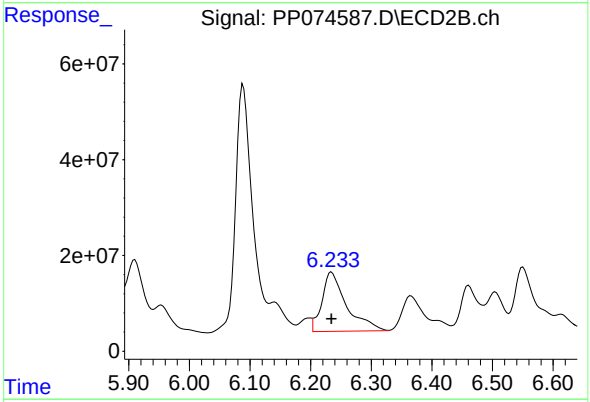
R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 174187644
Conc: 494.66 ng/ml



#28 AR-1254-3

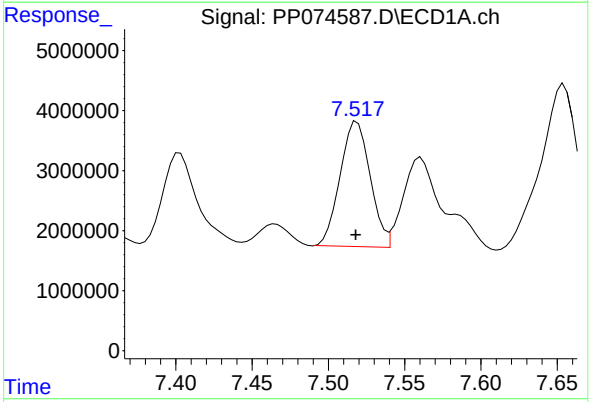
R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 38918919
Conc: 436.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-6C



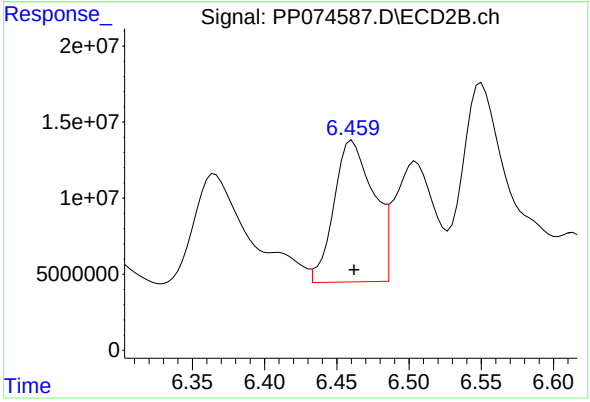
#28 AR-1254-3

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 349122007
Conc: 563.28 ng/ml



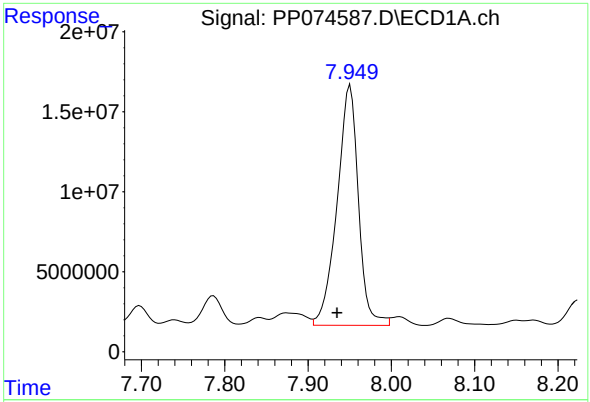
#29 AR-1254-4

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 28603232
Conc: 433.95 ng/ml



#29 AR-1254-4

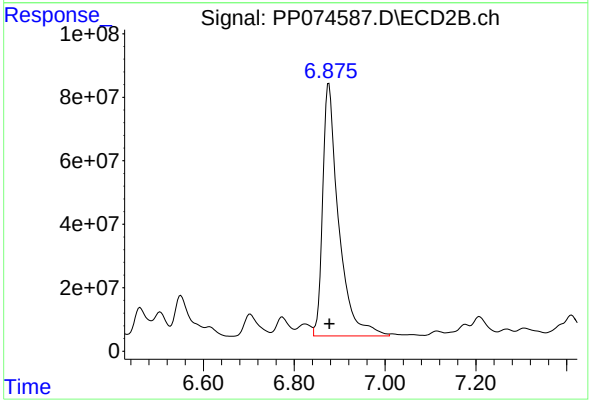
R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 177070784
Conc: 377.85 ng/ml



#30 AR-1254-5

R.T.: 7.951 min
Delta R.T.: 0.016 min
Response: 267488232
Conc: 3219.45 ng/m

Instrument :
ECD_P
ClientSampleId :
K262-6C



#30 AR-1254-5

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 1944038098
Conc: 3963.37 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-6CDL	SDG No.:	Q2911
Lab Sample ID:	Q2911-16DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.1 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
PP074635.D	2	08/22/25 08:10	08/25/25 12:20	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	9.30	UD	9.30	39.9	ug/kg
11104-28-2	Aroclor-1221	9.50	UD	9.50	39.9	ug/kg
11141-16-5	Aroclor-1232	8.70	UD	8.70	39.9	ug/kg
53469-21-9	Aroclor-1242	9.40	UD	9.40	39.9	ug/kg
12672-29-6	Aroclor-1248	13.9	UD	13.9	39.9	ug/kg
11097-69-1	Aroclor-1254	380	D	7.50	39.9	ug/kg
37324-23-5	Aroclor-1262	11.8	UD	11.8	39.9	ug/kg
11100-14-4	Aroclor-1268	8.50	UD	8.50	39.9	ug/kg
11096-82-5	Aroclor-1260	7.60	UD	7.60	39.9	ug/kg
Total PCBs	Total PCBs	380	D	7.50	39.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.1		32 - 175	76%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074635.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 12:20
Operator : YP\AJ
Sample : Q2911-16DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-6CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 14:05:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.658	3.799	11069274	30363993	9.046	6.279	#
2)	SA Decachlor...	10.443	8.814	7388270	56792536	7.482	7.573	
	Target Compounds							
26)	L6 AR-1254-1	6.660	5.684	14840541	59413040	254.688	124.631	#
27)	L6 AR-1254-2	6.876	5.830	17905460	83002459	219.387	235.714	
28)	L6 AR-1254-3	7.239	6.232	21384464	153.1E6	239.719	247.048	
29)	L6 AR-1254-4	7.520	6.459	15958713	76991245	242.116	164.291	#
30)	L6 AR-1254-5	7.951	6.875	122.1E6	767.3E6	1469.867	1564.248	

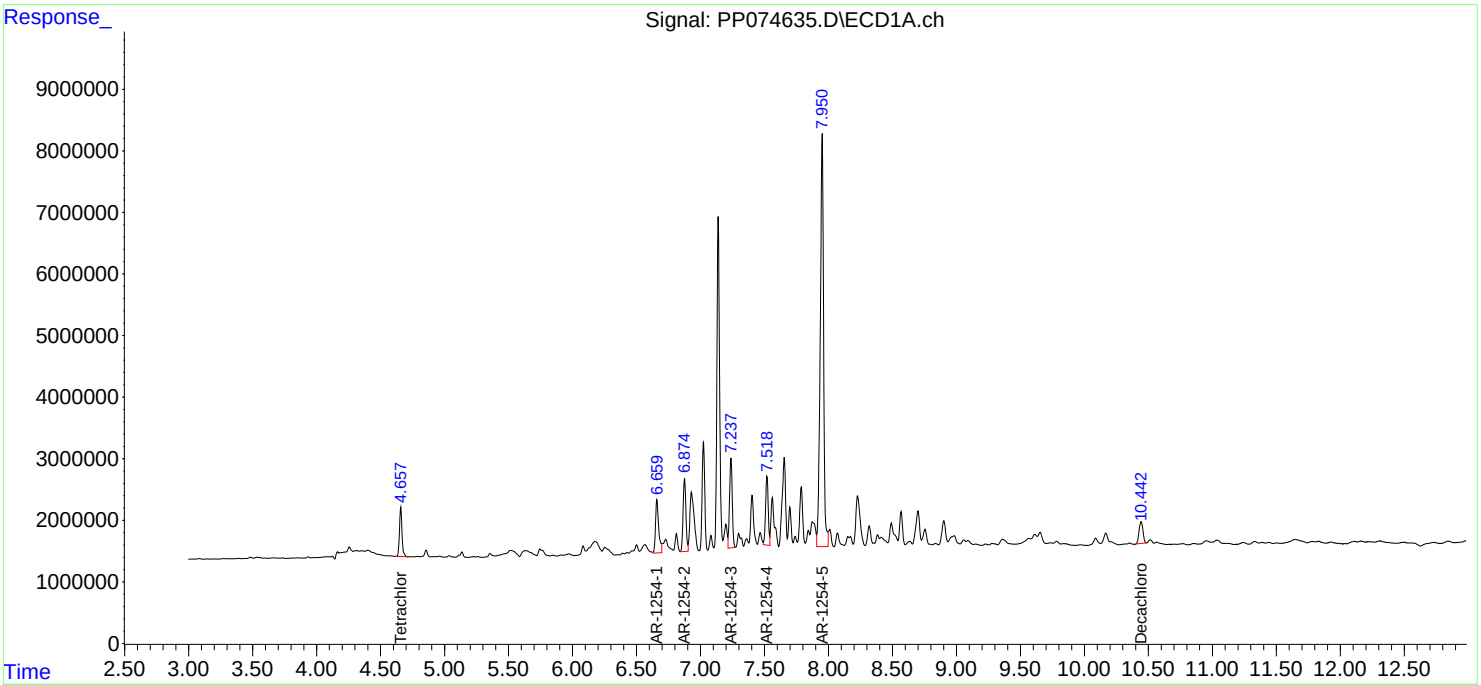
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

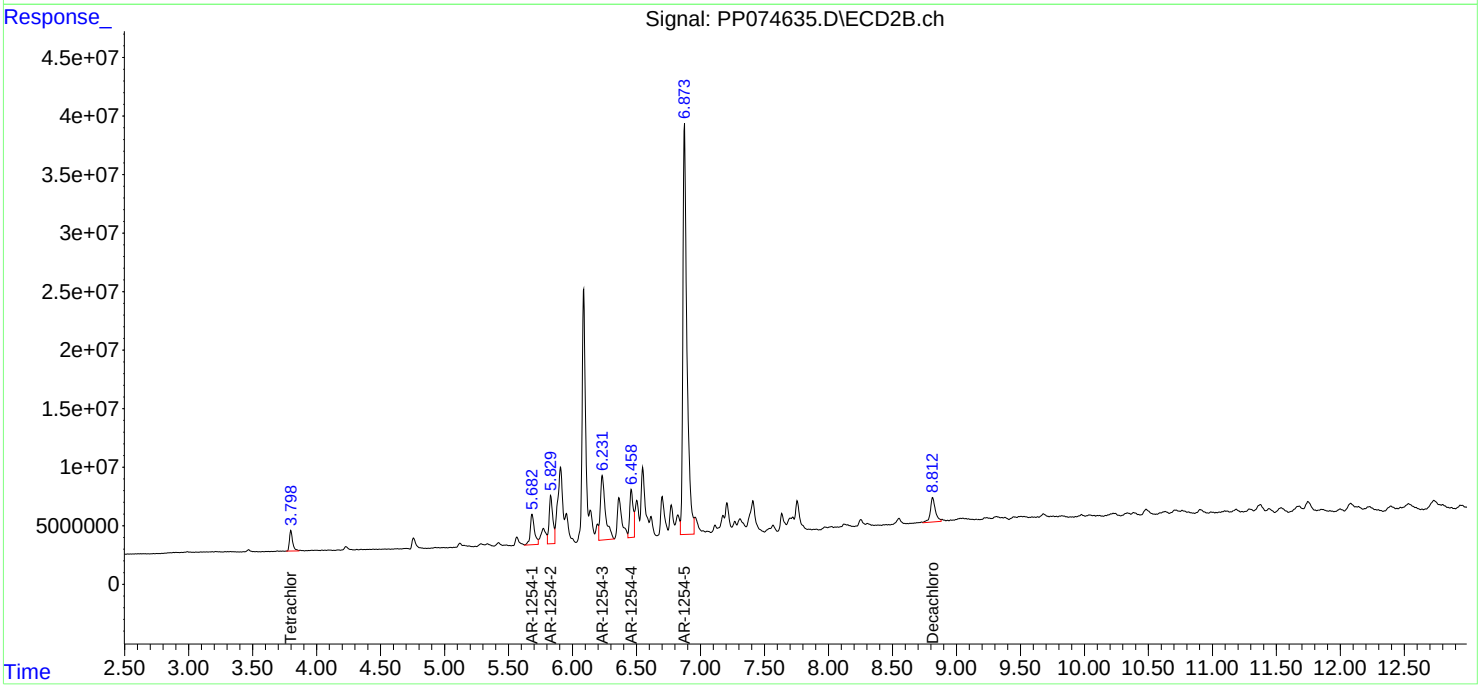
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074635.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 12:20
Operator : YP\AJ
Sample : Q2911-16DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

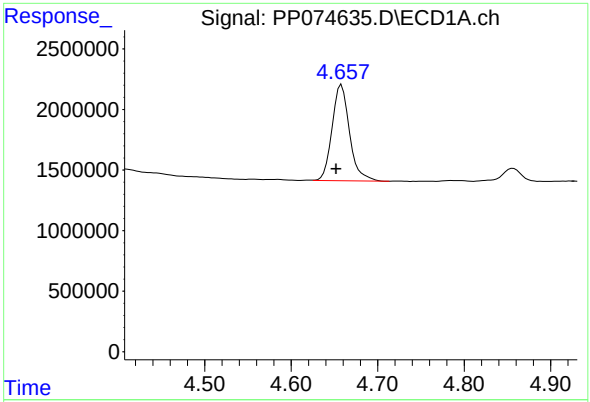
Instrument :
ECD_P
ClientSampleId :
K262-6CDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 14:05:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



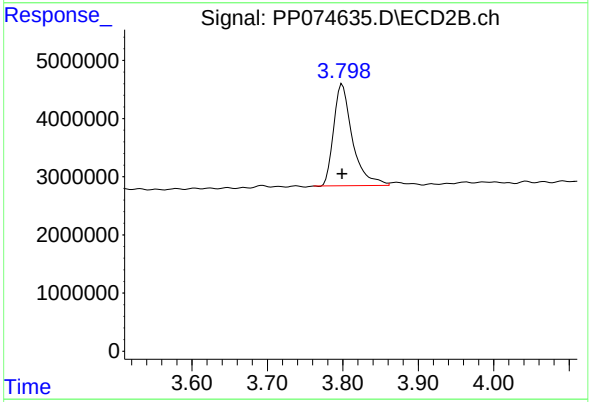




#1 Tetrachloro-m-xylene

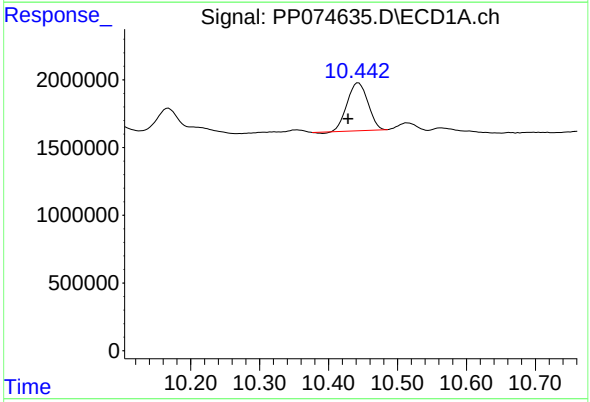
R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 11069274
Conc: 9.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-6CDL



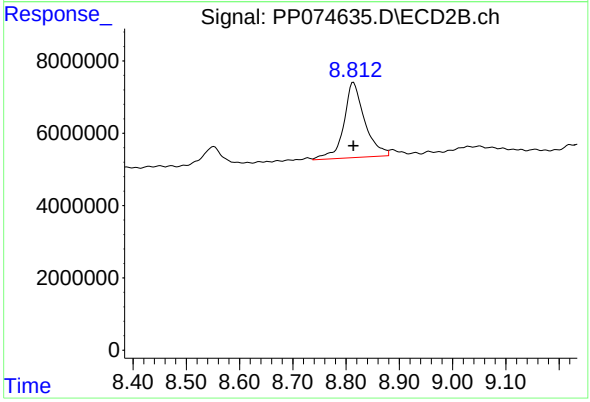
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 30363993
Conc: 6.28 ng/ml



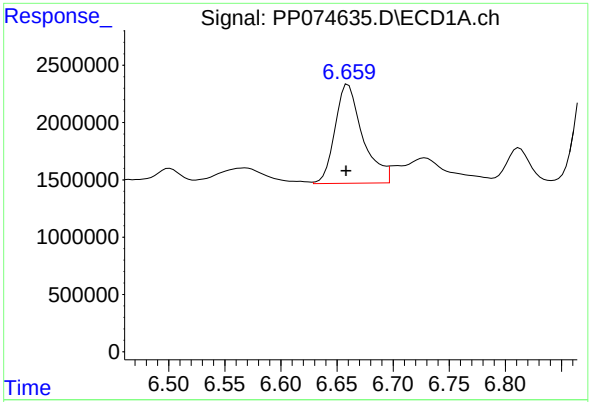
#2 Decachlorobiphenyl

R.T.: 10.443 min
Delta R.T.: 0.015 min
Response: 7388270
Conc: 7.48 ng/ml



#2 Decachlorobiphenyl

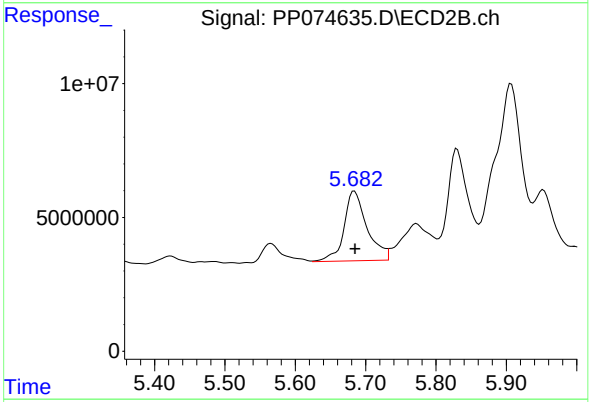
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 56792536
Conc: 7.57 ng/ml



#26 AR-1254-1

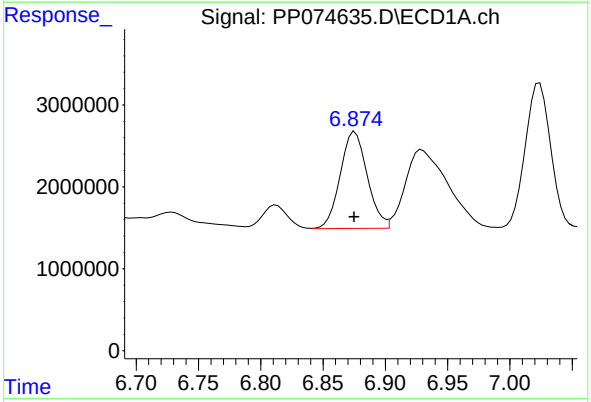
R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 14840541
Conc: 254.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-6CDL



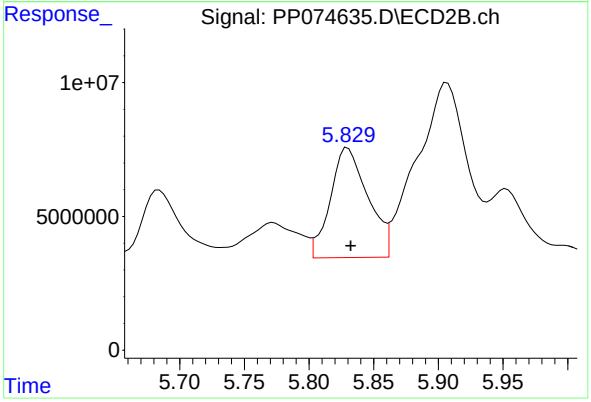
#26 AR-1254-1

R.T.: 5.684 min
Delta R.T.: -0.001 min
Response: 59413040
Conc: 124.63 ng/ml



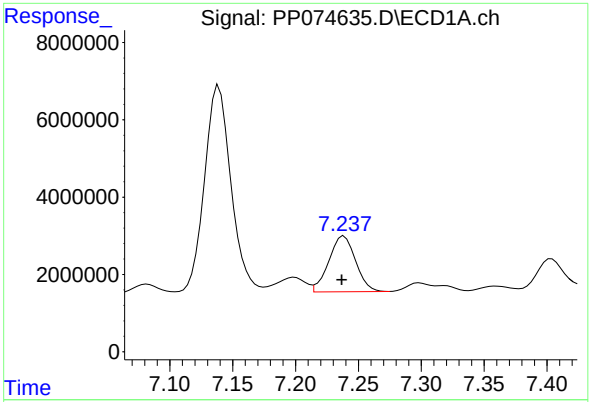
#27 AR-1254-2

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 17905460
Conc: 219.39 ng/ml



#27 AR-1254-2

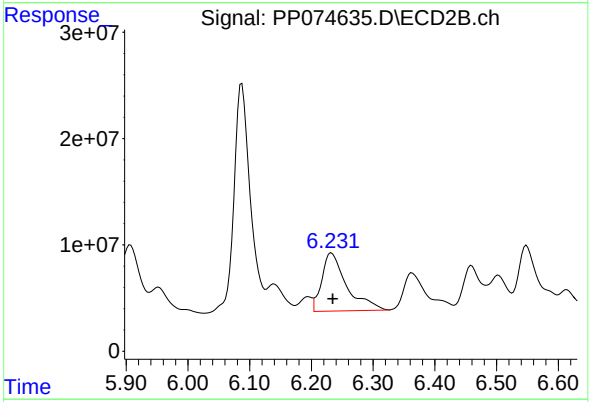
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 83002459
Conc: 235.71 ng/ml



#28 AR-1254-3

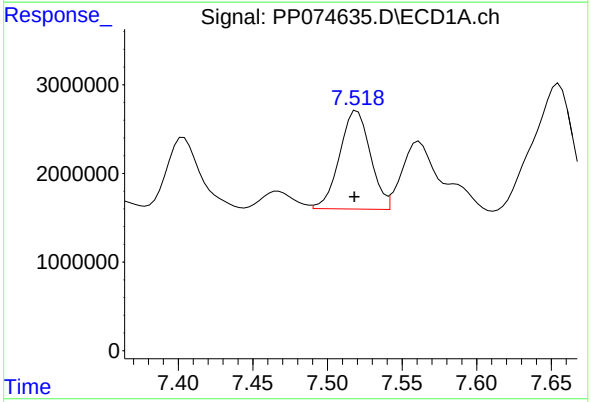
R.T.: 7.239 min
Delta R.T.: 0.002 min
Response: 21384464
Conc: 239.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-6CDL



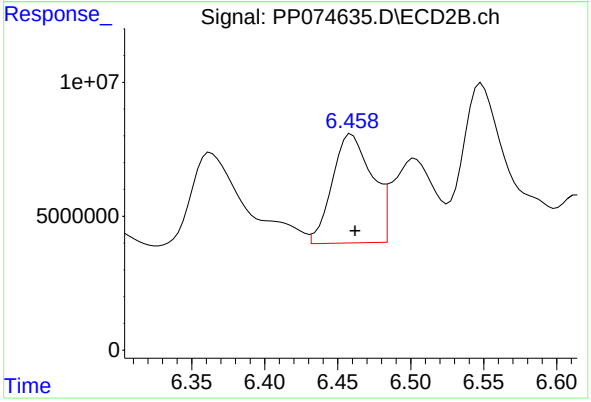
#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 153121768
Conc: 247.05 ng/ml



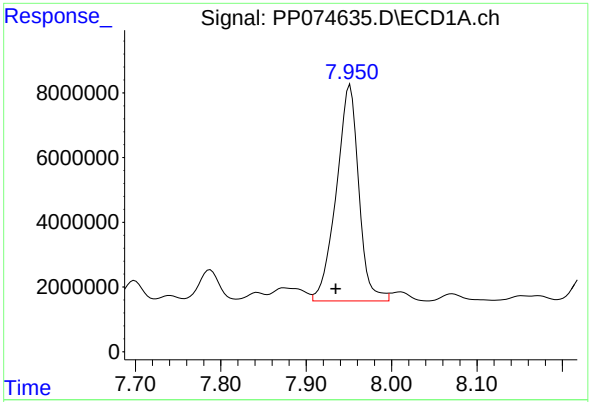
#29 AR-1254-4

R.T.: 7.520 min
Delta R.T.: 0.002 min
Response: 15958713
Conc: 242.12 ng/ml



#29 AR-1254-4

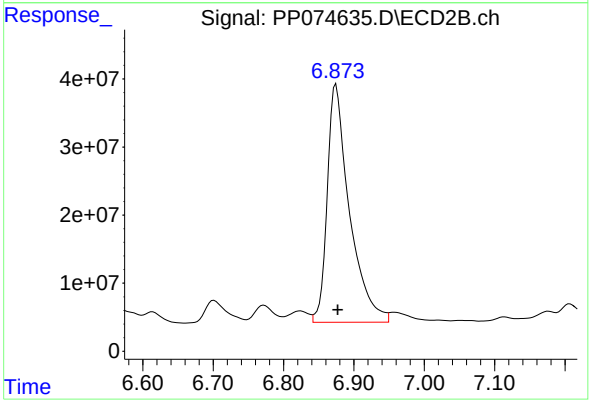
R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 76991245
Conc: 164.29 ng/ml



#30 AR-1254-5

R.T.: 7.951 min
Delta R.T.: 0.017 min
Response: 122123890
Conc: 1469.87 ng/m

Instrument :
ECD_P
ClientSampleId :
K262-6CDL



#30 AR-1254-5

R.T.: 6.875 min
Delta R.T.: -0.003 min
Response: 767265603
Conc: 1564.25 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-7C	SDG No.:	Q2911
Lab Sample ID:	Q2911-17	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.7 Decanted:
Sample Wt/Vol:	30.09 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
PP074588.D	1	08/22/25 08:10	08/22/25 17:13	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.7	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.7	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.7	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.7	ug/kg
11097-69-1	Aroclor-1254	252		3.90	20.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.7	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.7	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.7	ug/kg
Total PCBs	Total PCBs	252		3.90	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.3		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		32 - 175	100%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:13
Operator : YP\AJ
Sample : Q2911-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-7C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:33:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.800	22402633	71390059	18.307	14.764
2)	SA Decachlor...	10.438	8.812	19727711	125.7E6	19.977	16.755
	Target Compounds						
26)	L6 AR-1254-1	6.659	5.686	16838526	70824392	288.977	148.569 #
27)	L6 AR-1254-2	6.874	5.831	22034099	93837552	269.973	266.484
28)	L6 AR-1254-3	7.237	6.234	26453735	216.1E6	296.545	348.614
29)	L6 AR-1254-4	7.517	6.457	16126906	103.2E6	244.667	220.312
30)	L6 AR-1254-5	7.947	6.874	150.0E6	1039.1E6	1804.887	2118.493

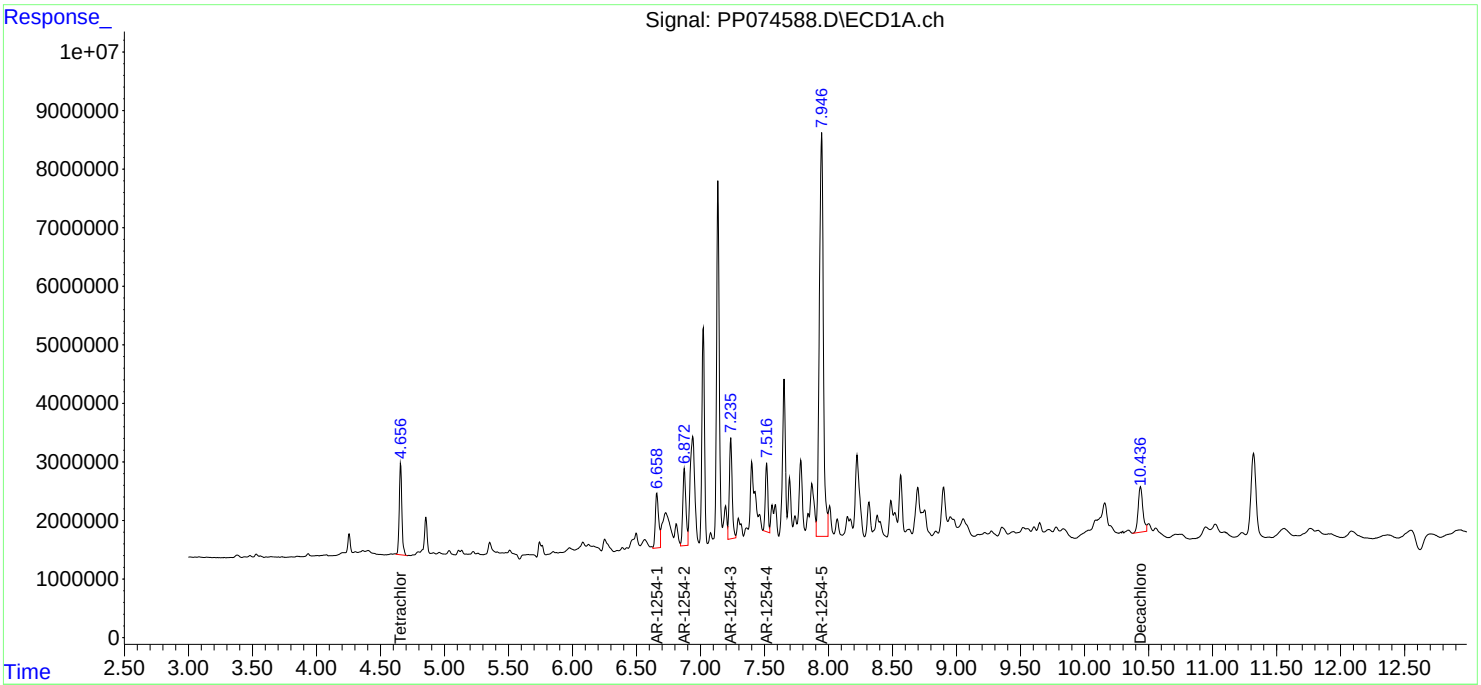
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

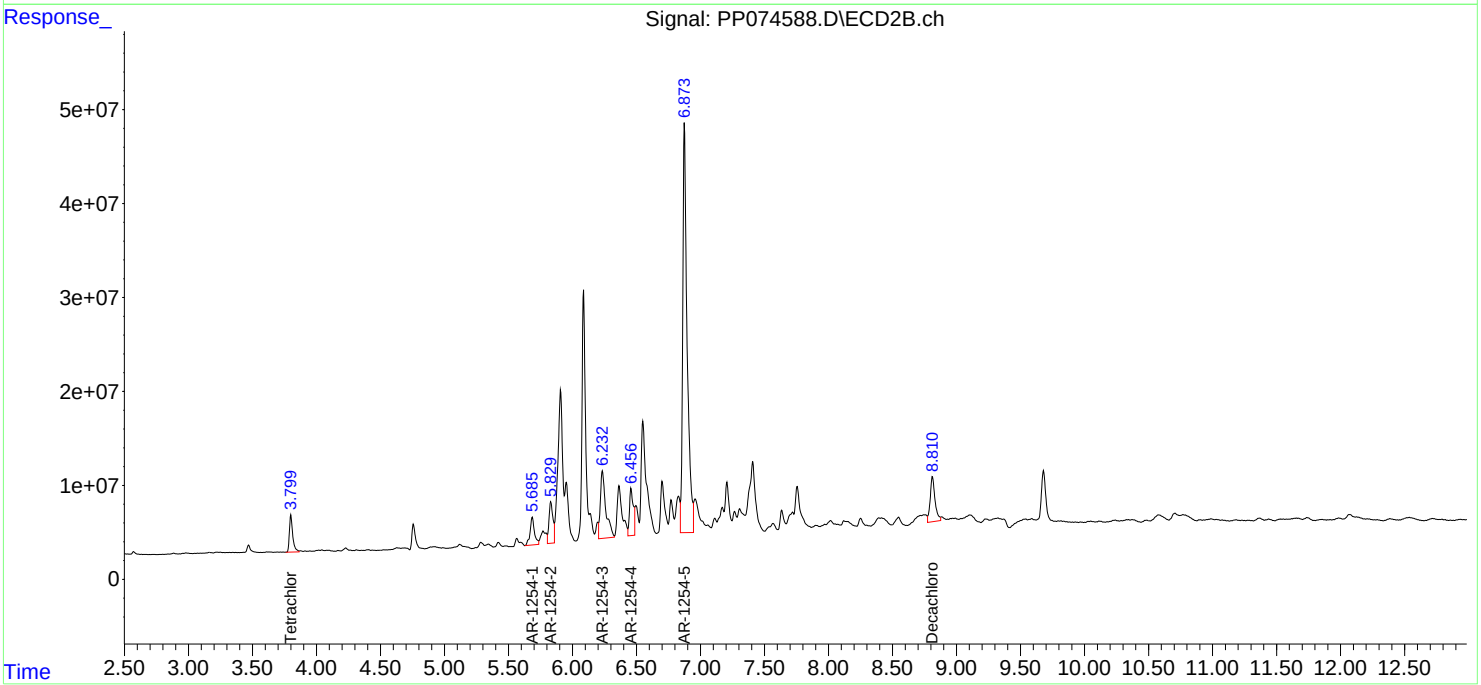
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:13
Operator : YP\AJ
Sample : Q2911-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

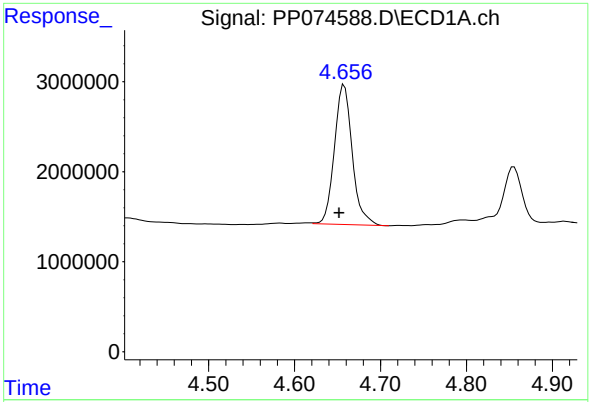
Instrument :
ECD_P
ClientSampleId :
K262-7C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:33:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



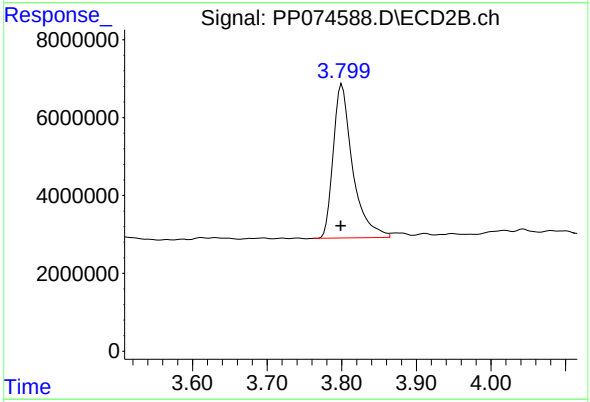




#1 Tetrachloro-m-xylene

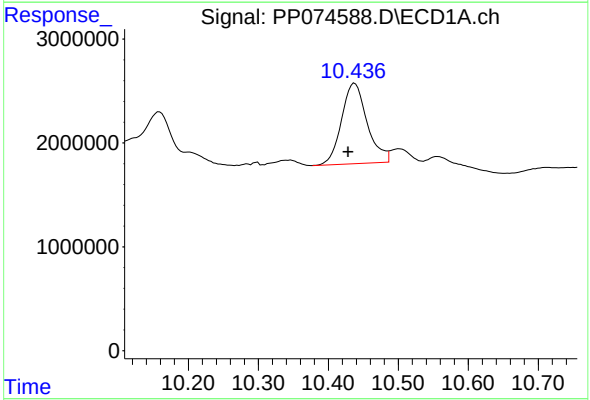
R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 22402633
Conc: 18.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-7C



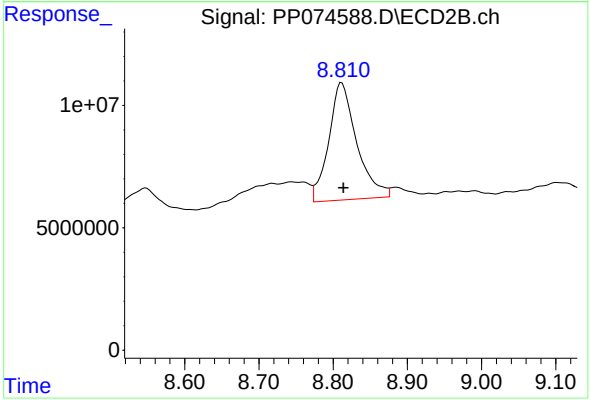
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.002 min
Response: 71390059
Conc: 14.76 ng/ml



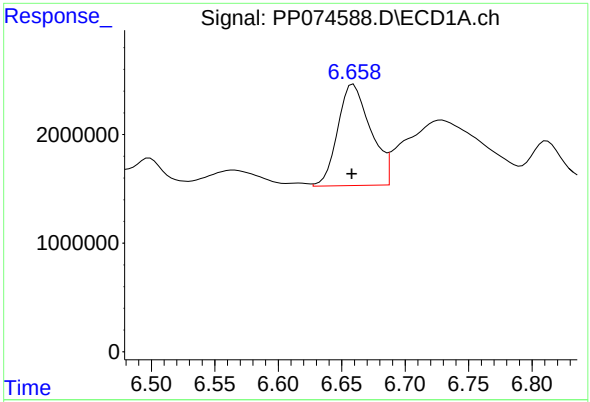
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.009 min
Response: 19727711
Conc: 19.98 ng/ml



#2 Decachlorobiphenyl

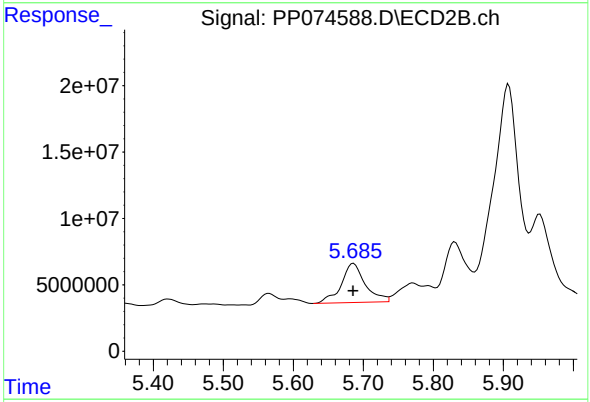
R.T.: 8.812 min
Delta R.T.: -0.002 min
Response: 125652062
Conc: 16.76 ng/ml



#26 AR-1254-1

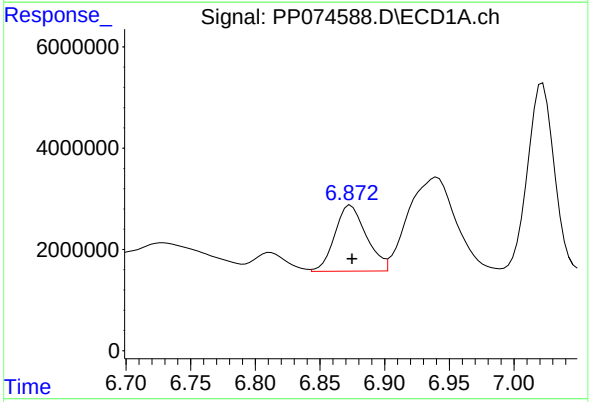
R.T.: 6.659 min
Delta R.T.: 0.001 min
Response: 16838526
Conc: 288.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-7C



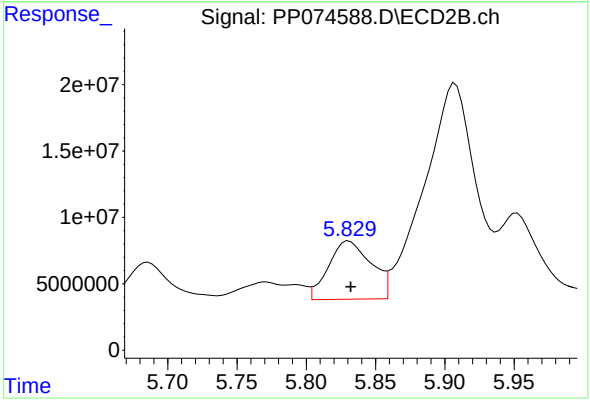
#26 AR-1254-1

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 70824392
Conc: 148.57 ng/ml



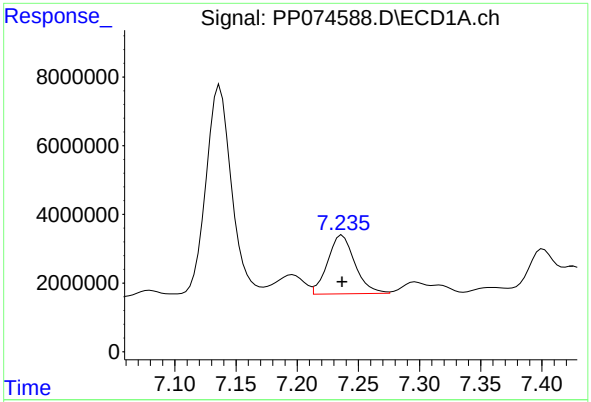
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: -0.001 min
Response: 22034099
Conc: 269.97 ng/ml



#27 AR-1254-2

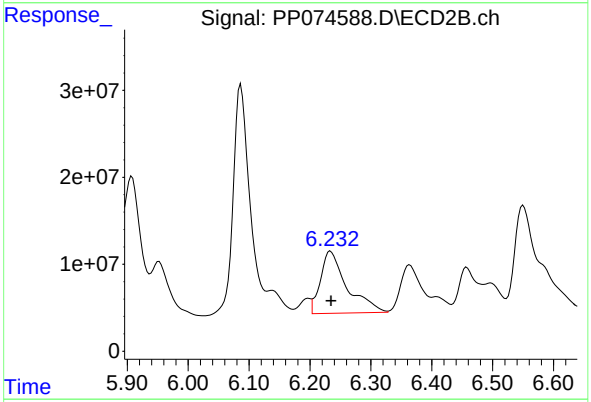
R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 93837552
Conc: 266.48 ng/ml



#28 AR-1254-3

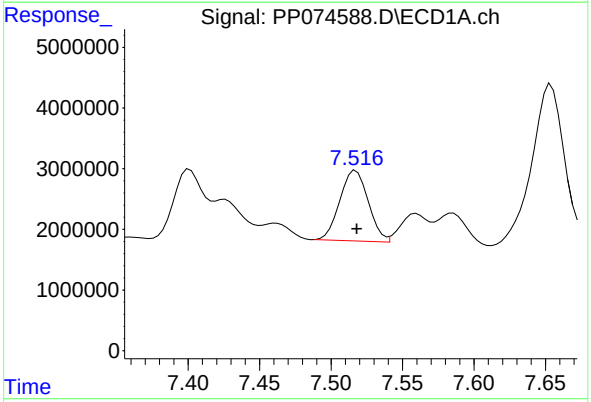
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 26453735
Conc: 296.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-7C



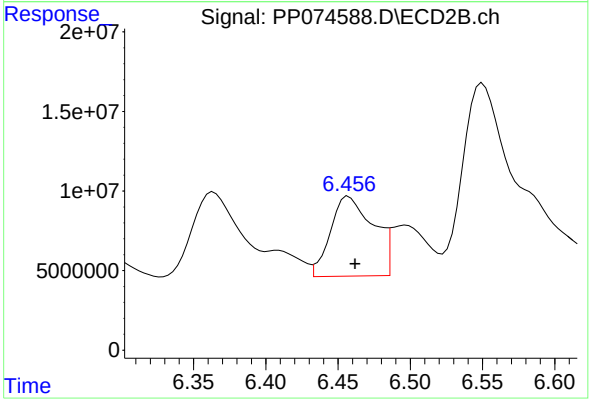
#28 AR-1254-3

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 216072558
Conc: 348.61 ng/ml



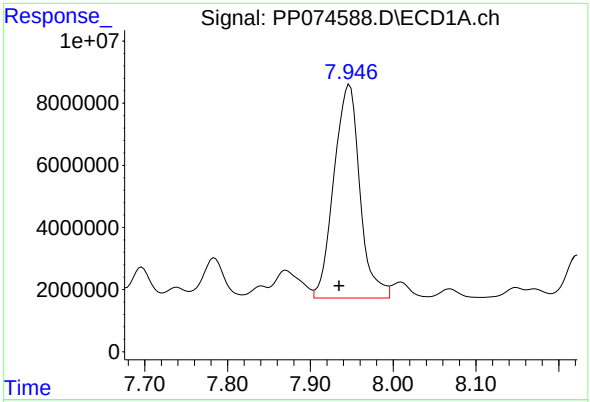
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 16126906
Conc: 244.67 ng/ml



#29 AR-1254-4

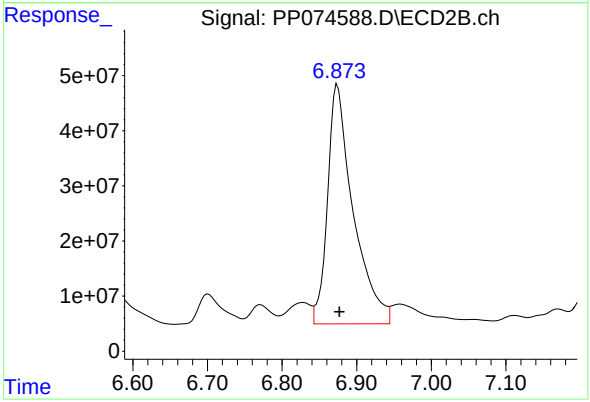
R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 103244061
Conc: 220.31 ng/ml



#30 AR-1254-5

R.T.: 7.947 min
Delta R.T.: 0.012 min
Response: 149959045
Conc: 1804.89 ng/m

Instrument :
ECD_P
ClientSampleId :
K262-7C



#30 AR-1254-5

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 1039123311
Conc: 2118.49 ng/ml

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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-8A	SDG No.:	Q2911
Lab Sample ID:	Q2911-18	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	97.6 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
PP074589.D	1	08/22/25 08:10	08/22/25 17:30	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.00	U	4.00	17.4	ug/kg
11104-28-2	Aroclor-1221	4.10	U	4.10	17.4	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.4	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.4	ug/kg
12672-29-6	Aroclor-1248	6.10	U	6.10	17.4	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.4	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	17.4	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.4	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	17.4	ug/kg
Total PCBs	Total PCBs	6.10	U	6.10	17.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	33.0		32 - 175	165%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:30
Operator : YP\AJ
Sample : Q2911-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
K262-8A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:33:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.802	25188203	85266239	20.584	17.634
2)	SA Decachlor...	10.438	8.808	20138898	247.2E6	20.394	32.964 #
	Target Compounds						

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

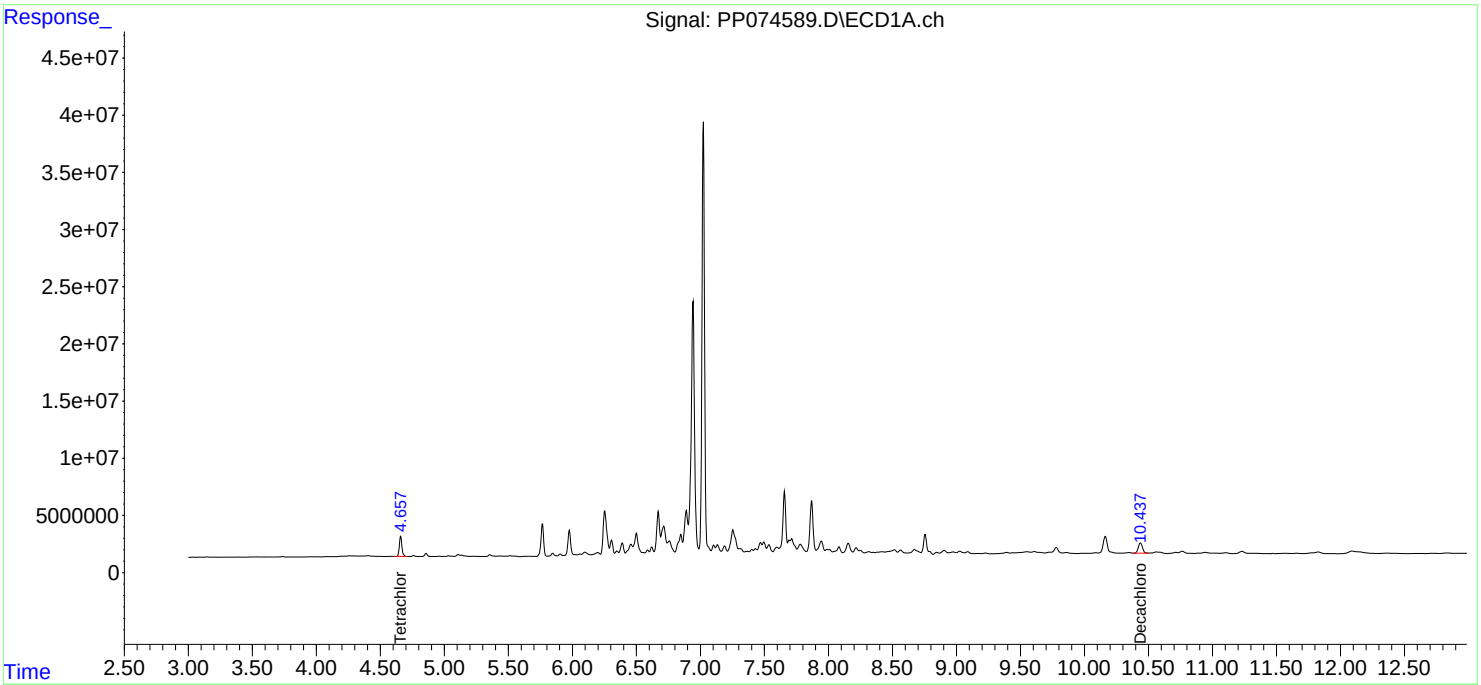
Quantitation Report (QT Reviewed)

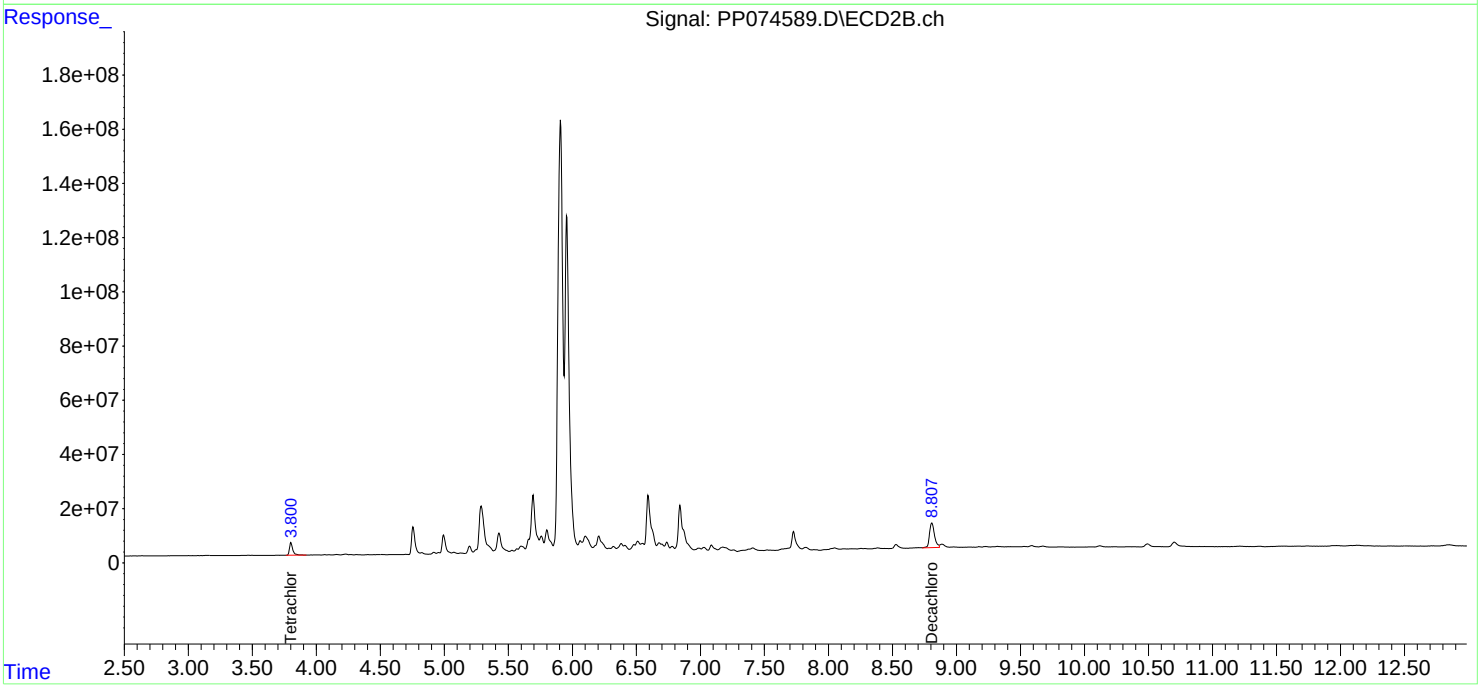
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:30
Operator : YP\AJ
Sample : Q2911-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

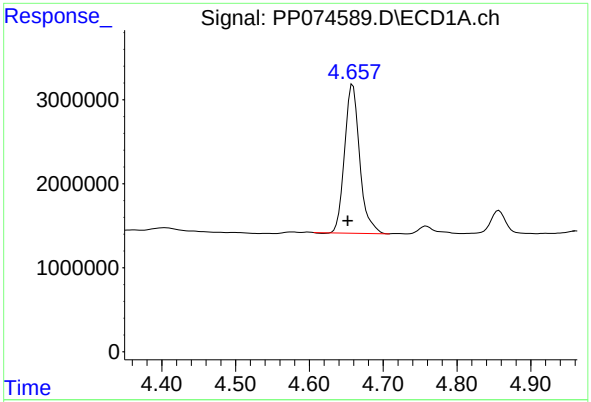
Instrument :
ECD_P
ClientSampleId :
K262-8A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:33:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



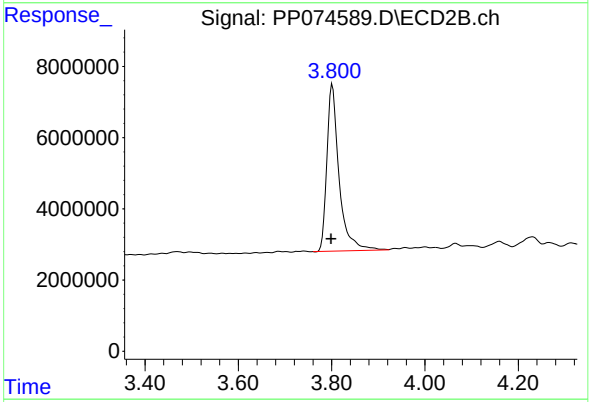




#1 Tetrachloro-m-xylene

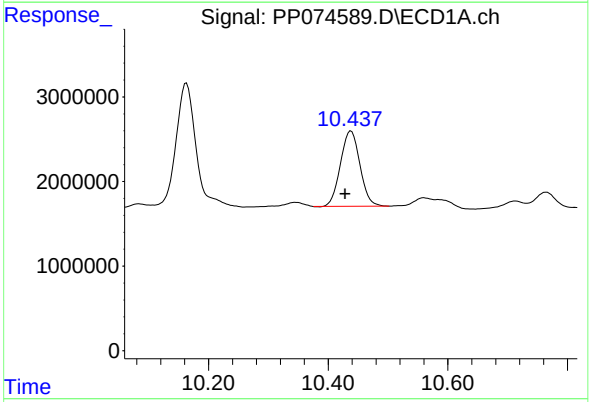
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 25188203
Conc: 20.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
K262-8A



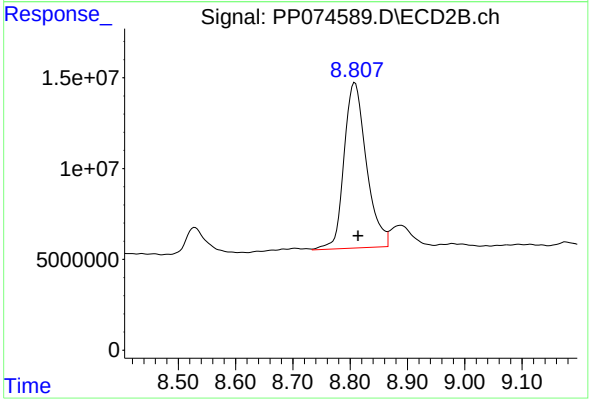
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.003 min
Response: 85266239
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.010 min
Response: 20138898
Conc: 20.39 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.808 min
Delta R.T.: -0.006 min
Response: 247202396
Conc: 32.96 ng/ml

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_O **Calibration Date(s):** 08/18/2025 08/18/2025

Calibration Times: 09:53 18:24

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

LAB FILE ID: RT 1000 = PO113003.D RT 750 = PO113004.D

RT 500 = PO113005.D RT 250 = PO113006.D RT 050 = PO113007.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-2	(2)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1016-4	(4)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-5	(5)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1260-1	(1)	6.24	6.24	6.24	6.24	6.23	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.43	6.43	6.43	6.43	6.42	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.79	6.79	6.79	6.79	6.79	6.79	6.69	6.89
Aroclor-1260-4	(4)	7.05	7.05	7.05	7.05	7.05	7.05	6.95	7.15
Aroclor-1260-5	(5)	7.29	7.29	7.29	7.29	7.29	7.29	7.19	7.39
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-2	(2)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1242-3	(3)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1242-4	(4)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-5	(5)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1248-2	(2)	4.99	4.99	4.98	4.99	4.99	4.99	4.89	5.09
Aroclor-1248-3	(3)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1248-4	(4)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1248-5	(5)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1254-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1254-3	(3)	6.10	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1254-4	(4)	6.33	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.58	7.57	7.58	7.58	7.58	7.58	7.48	7.68
Aroclor-1268-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1268-3	(3)	7.85	7.84	7.85	7.85	7.85	7.85	7.75	7.95
Aroclor-1268-4	(4)	8.14	8.13	8.14	8.13	8.14	8.14	8.04	8.24
Aroclor-1268-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O
Contract: ATCE02
SDG NO.: Q2911
Calibration Date(s): 08/18/2025 08/18/2025
Calibration Times: 09:53 18:24

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

LAB FILE ID: RT 1000 = PO113003.D RT 750 = PO113004.D
RT 500 = PO113005.D RT 250 = PO113006.D RT 050 = PO113007.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.97	4.96	4.97	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1260-1	(1)	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
Aroclor-1260-2	(2)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1260-3	(3)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1260-4	(4)	7.01	7.01	7.01	7.01	7.01	7.01	6.91	7.11
Aroclor-1260-5	(5)	7.26	7.26	7.26	7.26	7.25	7.26	7.16	7.36
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.65	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1248-2	(2)	4.97	4.96	4.96	4.97	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-5	(5)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1254-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1254-4	(4)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Aroclor-1254-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1268-2	(2)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Aroclor-1268-3	(3)	7.81	7.80	7.81	7.80	7.80	7.80	7.70	7.90
Aroclor-1268-4	(4)	8.09	8.09	8.09	8.09	8.09	8.09	7.99	8.19
Aroclor-1268-5	(5)	8.38	8.38	8.38	8.38	8.38	8.38	8.28	8.48

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_O **Calibration Date(s):** 08/18/2025 08/18/2025

Calibration Times: 09:53 18:24

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

LAB FILE ID: **CF 1000 =** PO113003.D **CF 750 =** PO113004.D

CF 500 = PO113005.D **CF 250 =** PO113006.D **CF 050 =** PO113007.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	255371052	268882561	275934040	276241276	258494960	266984778	4
Aroclor-1016-2	(2)	386597005	407445280	416148678	417991420	378975420	401431561	4
Aroclor-1016-3	(3)	240674907	253345352	260103296	260910040	260078600	255022439	3
Aroclor-1016-4	(4)	200488933	211018755	217396840	218446060	242989580	218068034	7
Aroclor-1016-5	(5)	201770173	209979241	223743332	226026380	246620380	221627901	8
Aroclor-1260-1	(1)	410428218	427895784	448350422	466101308	477127140	445980574	6
Aroclor-1260-2	(2)	647927331	671777743	694591256	718069576	701240300	686721241	4
Aroclor-1260-3	(3)	589701211	617064005	642929590	643696764	593976440	617473602	4
Aroclor-1260-4	(4)	414110693	436180457	452681312	475292936	461106740	447874428	5
Aroclor-1260-5	(5)	1160238835	1200115325	1238734248	1265998100	1188334440	1210684190	3
Decachlorobiphenyl		6690212690	6905027373	7141319640	7175759920	6744868400	6931437605	3
Tetrachloro-m-xylene		8029674340	8350369867	8441238500	8370538000	7741099400	8186584021	4
Aroclor-1242-1	(1)	219003807	233526197	242788968	240725264	213615160	229931879	6
Aroclor-1242-2	(2)	327976735	344946825	364718188	364178480	316305340	343625114	6
Aroclor-1242-3	(3)	205275217	218054489	227356174	226343432	232391780	221884218	5
Aroclor-1242-4	(4)	165269678	175377872	183337550	185157480	158170880	173462692	7
Aroclor-1242-5	(5)	180656505	196650337	209535050	215724772	198244940	200162321	7
Decachlorobiphenyl		6983751120	7199555547	7360295780	7264103480	6074426600	6976426505	7
Tetrachloro-m-xylene		7902542970	8274474280	8655126880	8517047440	6985096600	8066857634	8
Aroclor-1248-1	(1)	177555092	181269211	184034788	180488664	148983880	174466327	8
Aroclor-1248-2	(2)	240102006	246360772	247113578	251916636	223835260	241865650	5
Aroclor-1248-3	(3)	306109229	315711316	329615046	318673876	324209820	318863857	3
Aroclor-1248-4	(4)	475546851	491209784	508332020	505821844	517111680	499604436	3
Aroclor-1248-5	(5)	324226410	338835636	348307430	339859680	356228800	341491591	4
Decachlorobiphenyl		7181659070	7514737493	7570052300	7529287200	6075985600	7174344333	9
Tetrachloro-m-xylene		8381826150	8547750707	8588948580	8387451840	6708360600	8122867575	10
Aroclor-1254-1	(1)	499551241	515351475	527161470	563388796	594438580	539978312	7
Aroclor-1254-2	(2)	454632825	464341571	479773010	512965400	555557200	493454001	8
Aroclor-1254-3	(3)	711089310	727800197	738817928	777856740	738821820	738877199	3
Aroclor-1254-4	(4)	533028449	548551808	553178702	579063696	571175320	556999595	3
Aroclor-1254-5	(5)	687979747	697879139	702021496	740623884	676364320	700973717	3
Decachlorobiphenyl		7131515840	7330561920	7448714920	7630980560	6693328400	7247020328	5
Tetrachloro-m-xylene		8126881990	8349680347	8316489120	8586551360	7297838200	8135488203	6
Aroclor-1268-1	(1)	1761014831	1774598480	1803892944	1840793296	1424143680	1720888646	10

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1477166466	1492439849	1517161498	1547779236	1206191000	1448147610	10
Aroclor-1268-3	(3)	1233609752	1245280741	1270713242	1291388356	990581680	1206314754	10
Aroclor-1268-4	(4)	475808490	479214719	476669802	493044724	378582420	460664031	10
Aroclor-1268-5	(5)	3340543820	3334721212	3351512988	3373775928	2541501700	3188411130	11
Decachlorobiphenyl		13573084670	13653631320	13924005880	14188212680	11035945600	13274976030	10
Tetrachloro-m-xylene		8383283840	8466545813	8477460740	8727640480	6548042000	8120594575	11

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_O **Calibration Date(s):** 08/18/2025 08/18/2025

Calibration Times: 09:53 18:24

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

LAB FILE ID: CF 1000 = PO113003.D CF 750 = PO113004.D

CF 500 = PO113005.D CF 250 = PO113006.D CF 050 = PO113007.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	157648421	166338757	175029528	179513524	174338440	170573734	5
Aroclor-1016-2	(2)	242743120	252380695	260324992	267711416	265120000	257656045	4
Aroclor-1016-3	(3)	126993760	133087225	138404134	144167804	155418980	139614381	8
Aroclor-1016-4	(4)	100459724	106574292	112469896	119612944	144377780	116698927	15
Aroclor-1016-5	(5)	128106279	134710951	142286356	148407360	159139040	142529997	8
Aroclor-1260-1	(1)	228928107	240864928	252574738	272240464	280735880	255068823	8
Aroclor-1260-2	(2)	313918308	328124507	343910348	357024580	385581120	345711773	8
Aroclor-1260-3	(3)	262510074	276701705	293612640	313010736	341333940	297433819	10
Aroclor-1260-4	(4)	185941664	193924396	204255296	207408028	244718200	207249517	11
Aroclor-1260-5	(5)	425960236	439043723	465902736	470000160	541240260	468429423	10
Decachlorobiphenyl		1831064100	1917365987	1985856160	1994289280	1745675200	1894850145	6
Tetrachloro-m-xylene		4916768960	5105759507	5187285900	5153639000	4939804600	5060651593	2
Aroclor-1242-1	(1)	133881576	143118904	152394738	156445124	136681500	144504368	7
Aroclor-1242-2	(2)	203955870	217199904	228051544	234362648	200985900	216911173	7
Aroclor-1242-3	(3)	105689998	114133919	120912152	123685124	120400300	116964299	6
Aroclor-1242-4	(4)	101683397	110649877	117620438	123213288	135019900	117637380	11
Aroclor-1242-5	(5)	136091884	145976403	155166798	162502892	145926680	149132931	7
Decachlorobiphenyl		1868057120	1957140320	2005702880	2020794160	1772529000	1924844696	5
Tetrachloro-m-xylene		4825813680	5071335853	5270165440	5270477280	4505798600	4988718171	7
Aroclor-1248-1	(1)	108471143	113278465	116916398	117022156	101871080	111511848	6
Aroclor-1248-2	(2)	150794660	157713281	163410186	169101272	162475680	160699016	4
Aroclor-1248-3	(3)	159433549	166390719	173042032	176703836	172733300	169660687	4
Aroclor-1248-4	(4)	188271317	195815885	204890460	209017568	198105260	199220098	4
Aroclor-1248-5	(5)	194018440	203934763	211803632	222502412	229222700	212296389	7
Decachlorobiphenyl		1895882940	1980749933	2008729920	2044623040	1730989400	1932195047	6
Tetrachloro-m-xylene		5046994300	5155202453	5203435340	5076525520	4220137200	4940458963	8
Aroclor-1254-1	(1)	288848558	302797836	311612874	336218560	337291100	315353786	7
Aroclor-1254-2	(2)	255015428	266176108	276603524	303614928	300286060	280339210	8
Aroclor-1254-3	(3)	394658183	407977155	416043550	446405672	419527560	416922424	5
Aroclor-1254-4	(4)	258230294	268632580	273598908	289141772	284574380	274835587	5
Aroclor-1254-5	(5)	325480526	337925896	351521312	371760832	400764340	357490581	8
Decachlorobiphenyl		1855582740	1926836507	1973181280	2039405120	1846968600	1928394849	4
Tetrachloro-m-xylene		4911279290	5066835907	5059128600	5241425160	4670568800	4989847551	4
Aroclor-1268-1	(1)	505322959	499938980	529404120	551503232	461152840	509464426	7

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	411828393	408615411	431678690	446034816	378854460	415402354	6
Aroclor-1268-3	(3)	321714437	321009472	339466898	353051976	297302600	326509077	6
Aroclor-1268-4	(4)	120303152	122244828	123085728	129780148	106749080	120432587	7
Aroclor-1268-5	(5)	793658604	796742752	812678858	835111136	666596880	780957646	8
Decachlorobiphenyl		3468678600	3498241200	3592049560	3737387920	2992120000	3457695456	8
Tetrachloro-m-xylene		5091723140	5143743093	5120936720	5368398520	4128952800	4970750855	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_O **Date(s) Analyzed:** 08/18/2025 08/18/2025

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	3.87	3.77	3.97	93573200
		2	3.96	3.86	4.06	67550600
		3	4.04	3.94	4.14	221352000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	174006000
		2	4.53	4.43	4.63	99852400
		3	4.77	4.67	4.87	189475000
		4	4.94	4.84	5.04	94169600
		5	4.99	4.89	5.09	61943000
Aroclor-1262	500	1	6.79	6.69	6.89	915764000
		2	7.29	7.19	7.39	1512160000
		3	7.58	7.48	7.68	554108000
		4	7.64	7.54	7.74	977968000
		5	8.14	8.04	8.24	416878000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_O **Date(s) Analyzed:** 08/18/2025 08/18/2025

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	3.86	3.76	3.96	63121200
		2	3.95	3.85	4.05	46673200
		3	4.02	3.92	4.12	148475000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	117403000
		2	4.75	4.65	4.85	122545000
		3	4.92	4.82	5.02	63345600
		4	5.01	4.91	5.11	56221200
		5	5.18	5.08	5.28	59863600
Aroclor-1262	500	1	6.76	6.66	6.86	414614000
		2	7.26	7.16	7.36	517670000
		3	7.54	7.44	7.64	179590000
		4	7.60	7.50	7.70	289902000
		5	8.09	7.99	8.19	108331000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:53
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: Aug 18 10:58:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	803.0E6	491.7E6	97.501	97.323
2)	SA Decachlor...	8.682	8.628	669.0E6	183.1E6	96.739	95.945
	Target Compounds						
3)	L1 AR-1016-1	4.748	4.729	255.4E6	157.6E6	961.297	947.754
4)	L1 AR-1016-2	4.767	4.747	386.6E6	242.7E6	963.187	965.051
5)	L1 AR-1016-3	4.823	4.922	240.7E6	127.0E6	961.204	957.007
6)	L1 AR-1016-4	4.943	4.964	200.5E6	100.5E6	959.539	943.596
7)	L1 AR-1016-5	5.200	5.176	201.8E6	128.1E6	948.361	947.557
31)	L7 AR-1260-1	6.236	6.204	410.4E6	228.9E6	955.842	950.890
32)	L7 AR-1260-2	6.425	6.393	647.9E6	313.9E6	965.242	954.408
33)	L7 AR-1260-3	6.792	6.544	589.7E6	262.5E6	956.817	944.072
34)	L7 AR-1260-4	7.050	7.013	414.1E6	185.9E6	955.502	953.066
35)	L7 AR-1260-5	7.294	7.255	1160.2E6	426.0E6	967.280	955.215

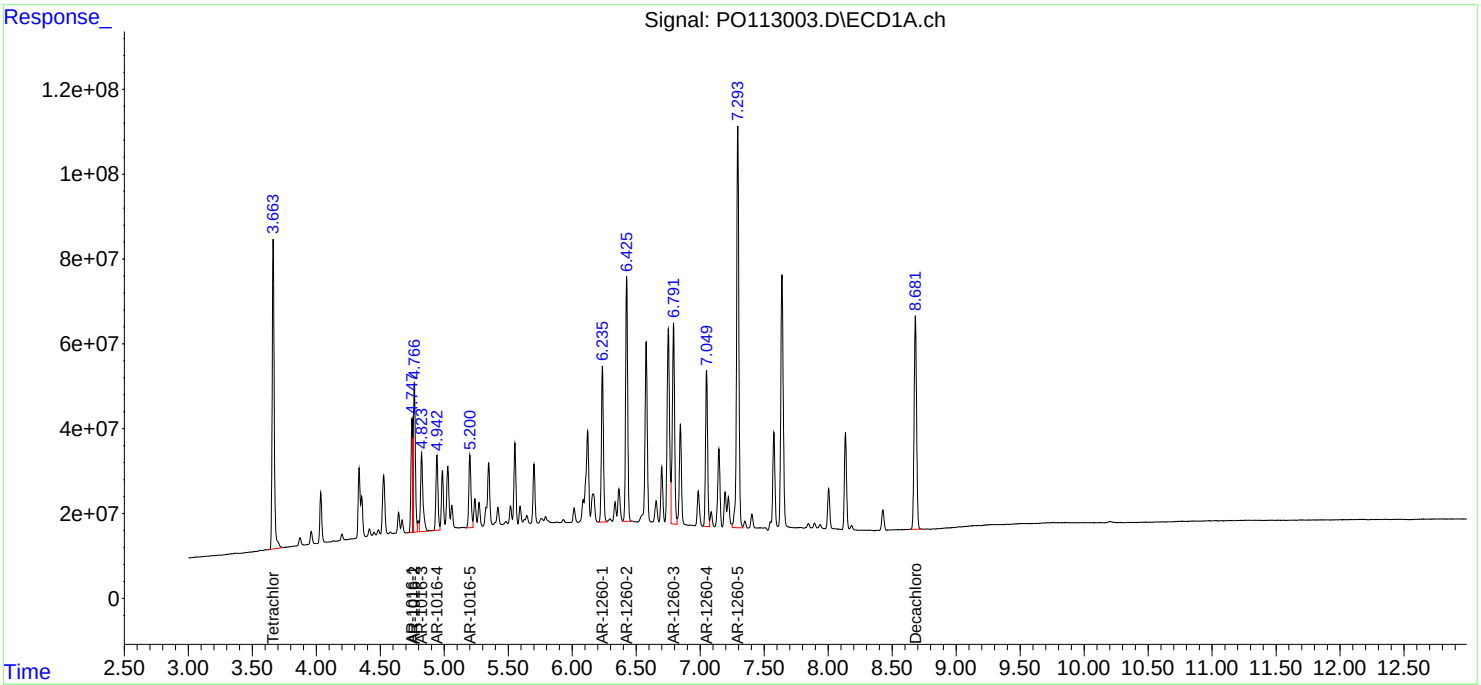
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

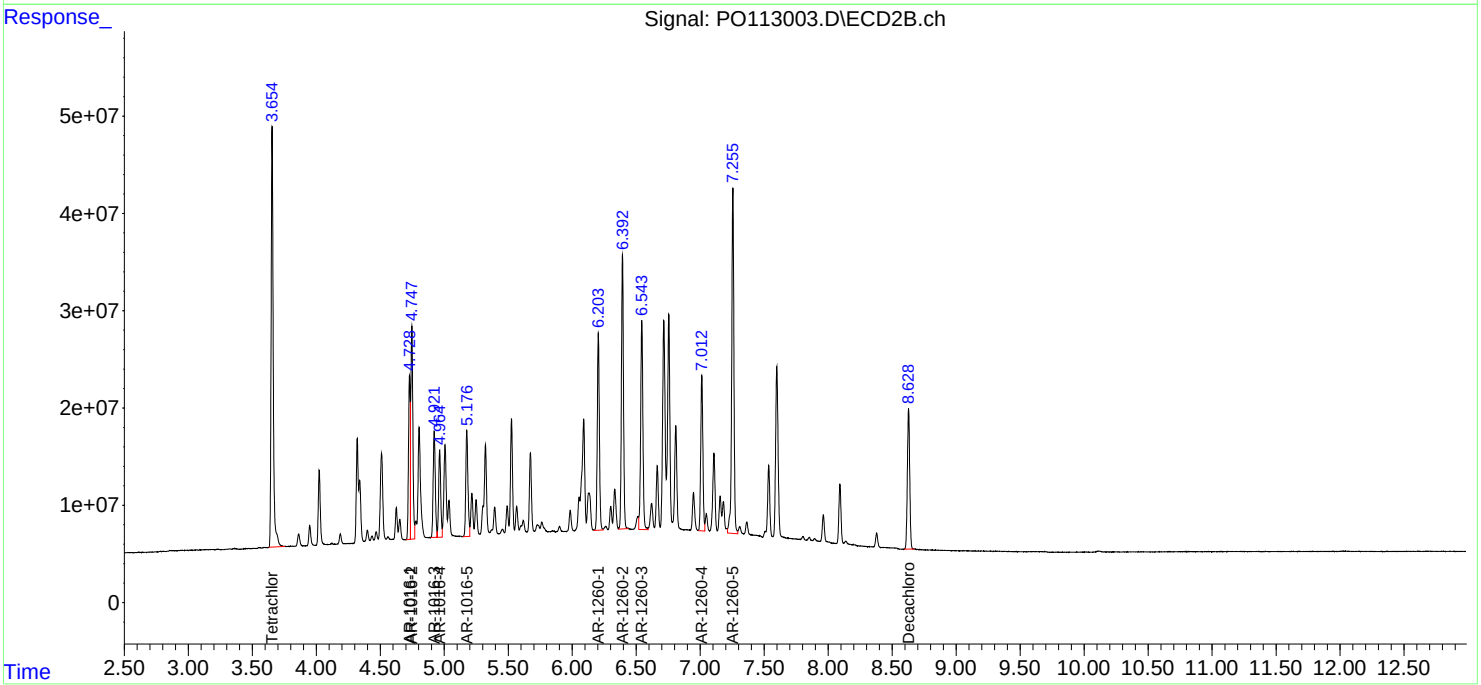
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:53
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:58:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:11
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: Aug 18 11:02:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	626.3E6	382.9E6	75.694	75.530
2)	SA Decachlor...	8.682	8.629	517.9E6	143.8E6	74.922	75.233
	Target Compounds						
3)	L1 AR-1016-1	4.747	4.729	201.7E6	124.8E6	756.055	749.999
4)	L1 AR-1016-2	4.766	4.747	305.6E6	189.3E6	757.527	751.681
5)	L1 AR-1016-3	4.823	4.922	190.0E6	99815419	755.880	751.462
6)	L1 AR-1016-4	4.942	4.965	158.3E6	79930719	754.951	750.514
7)	L1 AR-1016-5	5.199	5.177	157.5E6	101.0E6	743.444	748.203
31)	L7 AR-1260-1	6.236	6.204	320.9E6	180.6E6	748.259	750.236
32)	L7 AR-1260-2	6.426	6.393	503.8E6	246.1E6	750.386	748.798
33)	L7 AR-1260-3	6.792	6.544	462.8E6	207.5E6	750.607	747.551
34)	L7 AR-1260-4	7.050	7.014	327.1E6	145.4E6	753.206	746.985
35)	L7 AR-1260-5	7.294	7.255	900.1E6	329.3E6	750.262	742.237

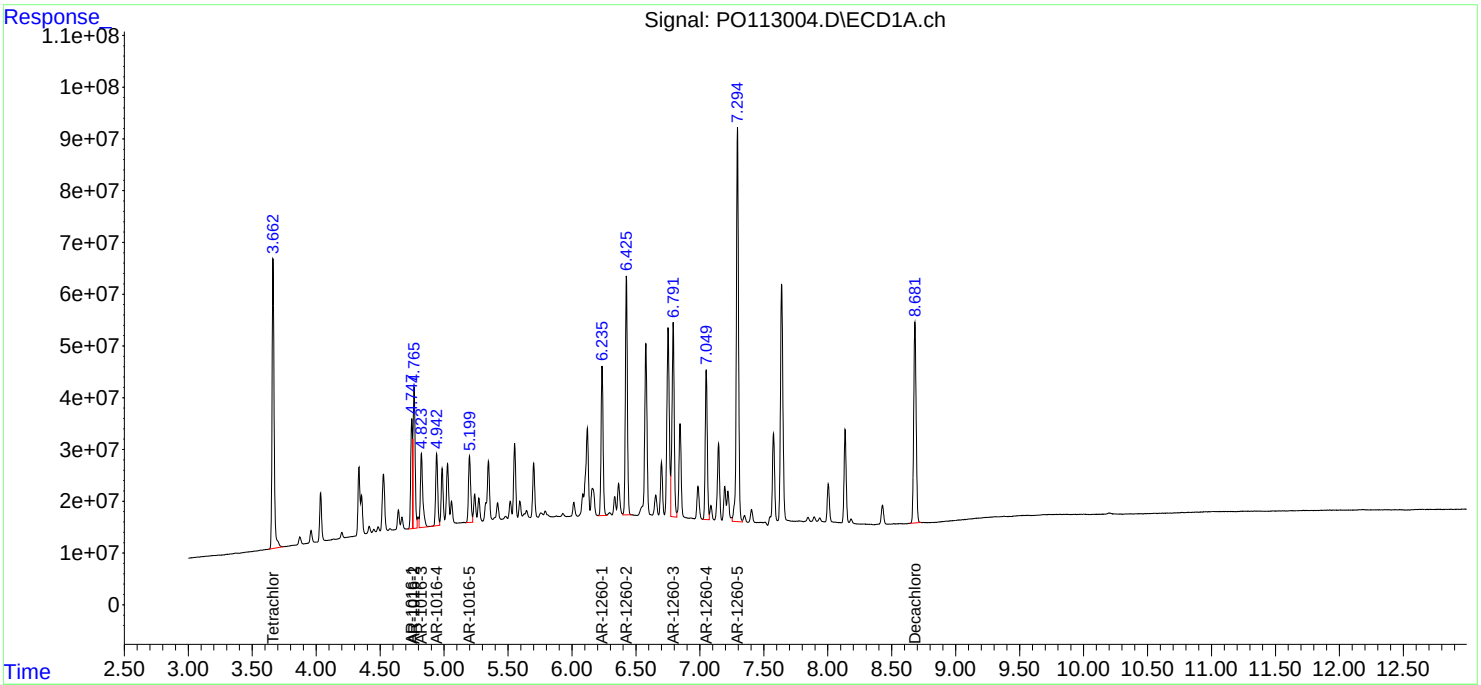
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

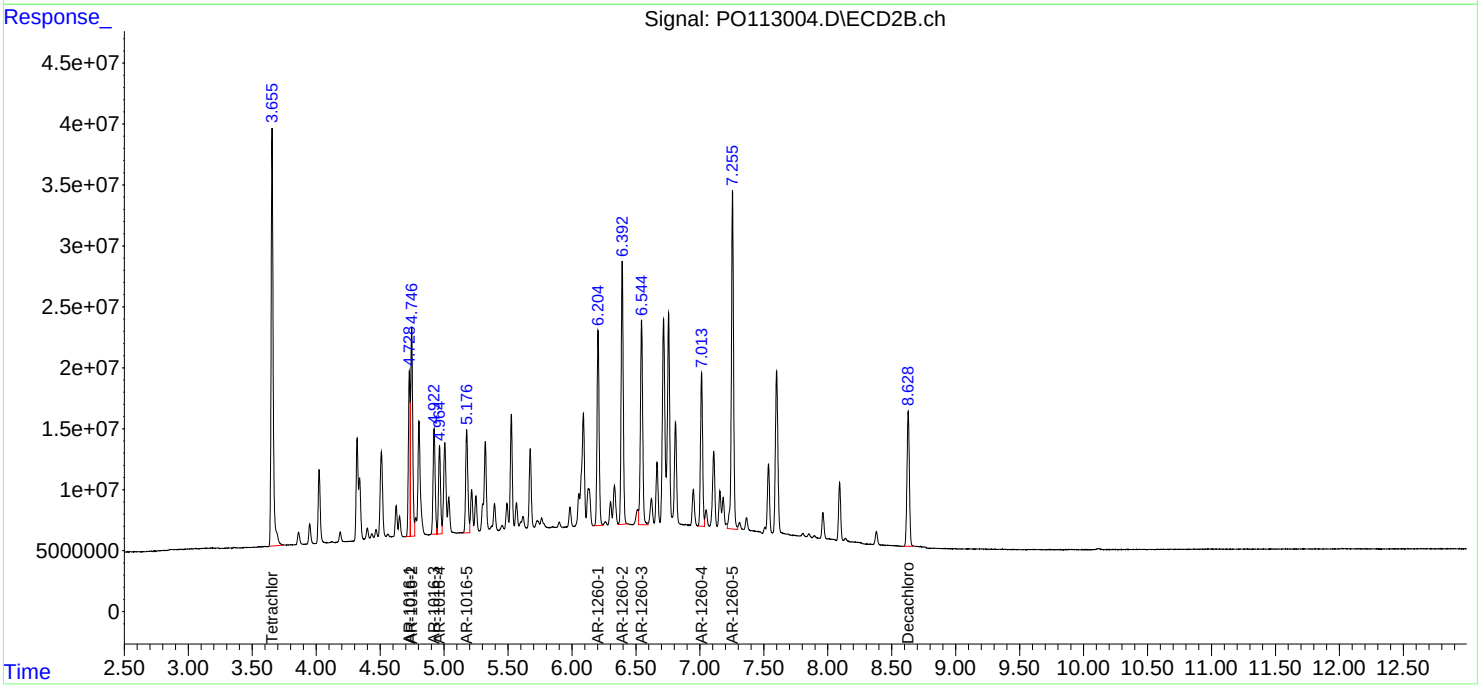
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:11
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:02:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:29
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: Aug 18 10:55:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	422.1E6	259.4E6	50.000	50.000
2)	SA Decachlor...	8.682	8.628	357.1E6	99292808	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.748	4.729	138.0E6	87514764	500.000	500.000
4)	L1 AR-1016-2	4.766	4.747	208.1E6	130.2E6	500.000	500.000
5)	L1 AR-1016-3	4.824	4.922	130.1E6	69202067	500.000	500.000
6)	L1 AR-1016-4	4.943	4.964	108.7E6	56234948	500.000	500.000
7)	L1 AR-1016-5	5.199	5.176	111.9E6	71143178	500.000	500.000
31)	L7 AR-1260-1	6.236	6.204	224.2E6	126.3E6	500.000	500.000
32)	L7 AR-1260-2	6.426	6.392	347.3E6	172.0E6	500.000	500.000
33)	L7 AR-1260-3	6.791	6.543	321.5E6	146.8E6	500.000	500.000
34)	L7 AR-1260-4	7.051	7.012	226.3E6	102.1E6	500.000	500.000
35)	L7 AR-1260-5	7.294	7.255	619.4E6	233.0E6	500.000	500.000

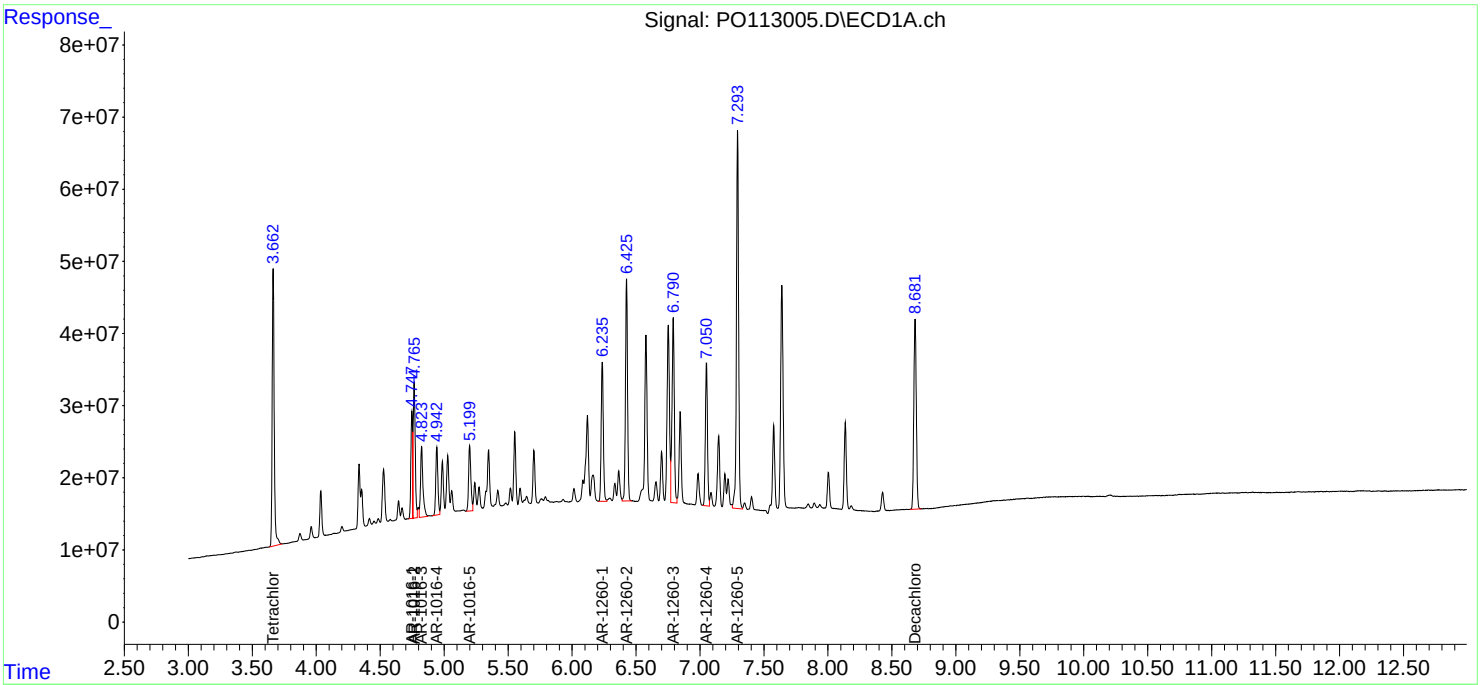
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

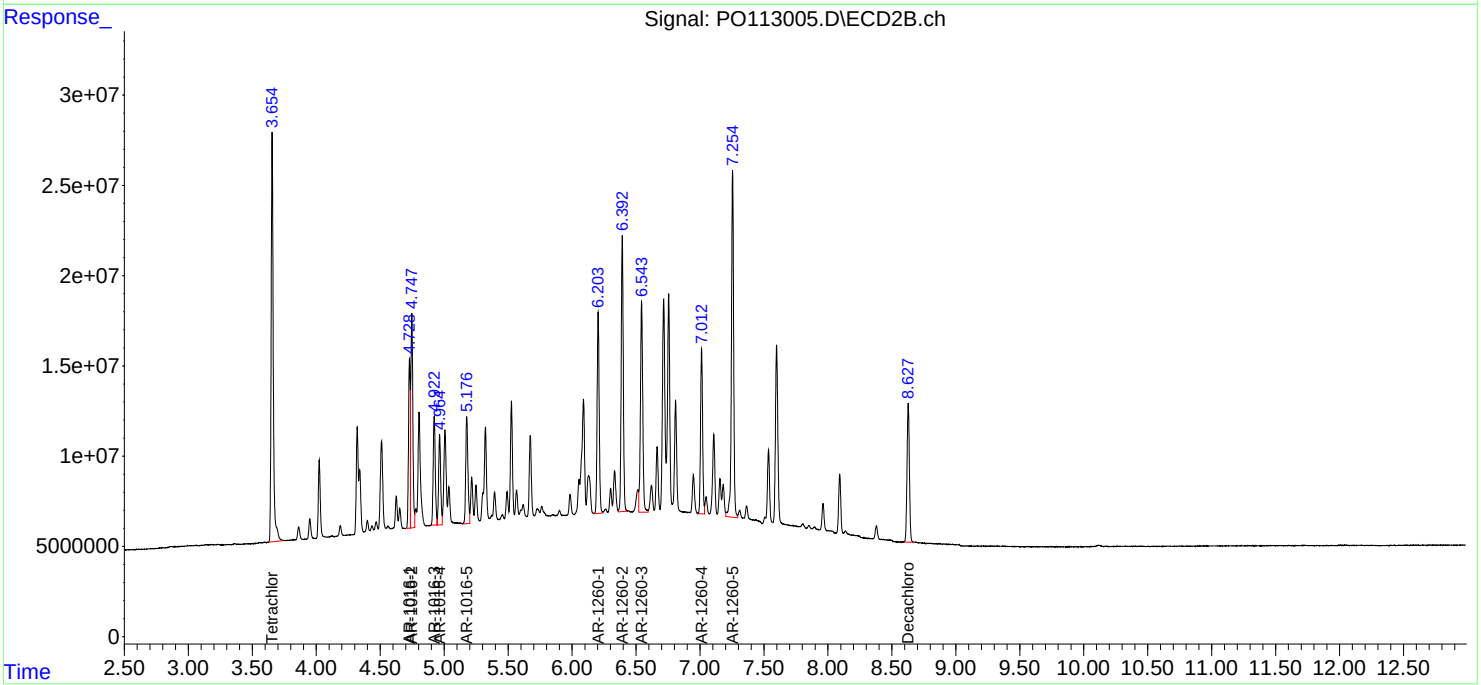
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:29
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:55:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:48
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: Aug 18 11:05:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	209.3E6	128.8E6	25.219	25.308
2)	SA Decachlor...	8.682	8.628	179.4E6	49857232	25.708	25.804
	Target Compounds						
3)	L1 AR-1016-1	4.748	4.729	69060319	44878381	256.628	264.562
4)	L1 AR-1016-2	4.767	4.747	104.5E6	66927854	256.723	261.652
5)	L1 AR-1016-3	4.824	4.922	65227510	36041951	257.046	265.672
6)	L1 AR-1016-4	4.943	4.965	54611515	29903236	257.799	272.394
7)	L1 AR-1016-5	5.200	5.176	56506595	37101840	262.358	268.120
31)	L7 AR-1260-1	6.236	6.204	116.5E6	68060116	265.922	273.716
32)	L7 AR-1260-2	6.426	6.392	179.5E6	89256145	262.801	265.845
33)	L7 AR-1260-3	6.792	6.543	160.9E6	78252684	258.161	273.173
34)	L7 AR-1260-4	7.051	7.013	118.8E6	51852007	267.279	262.035
35)	L7 AR-1260-5	7.293	7.255	316.5E6	117.5E6	260.221	260.980

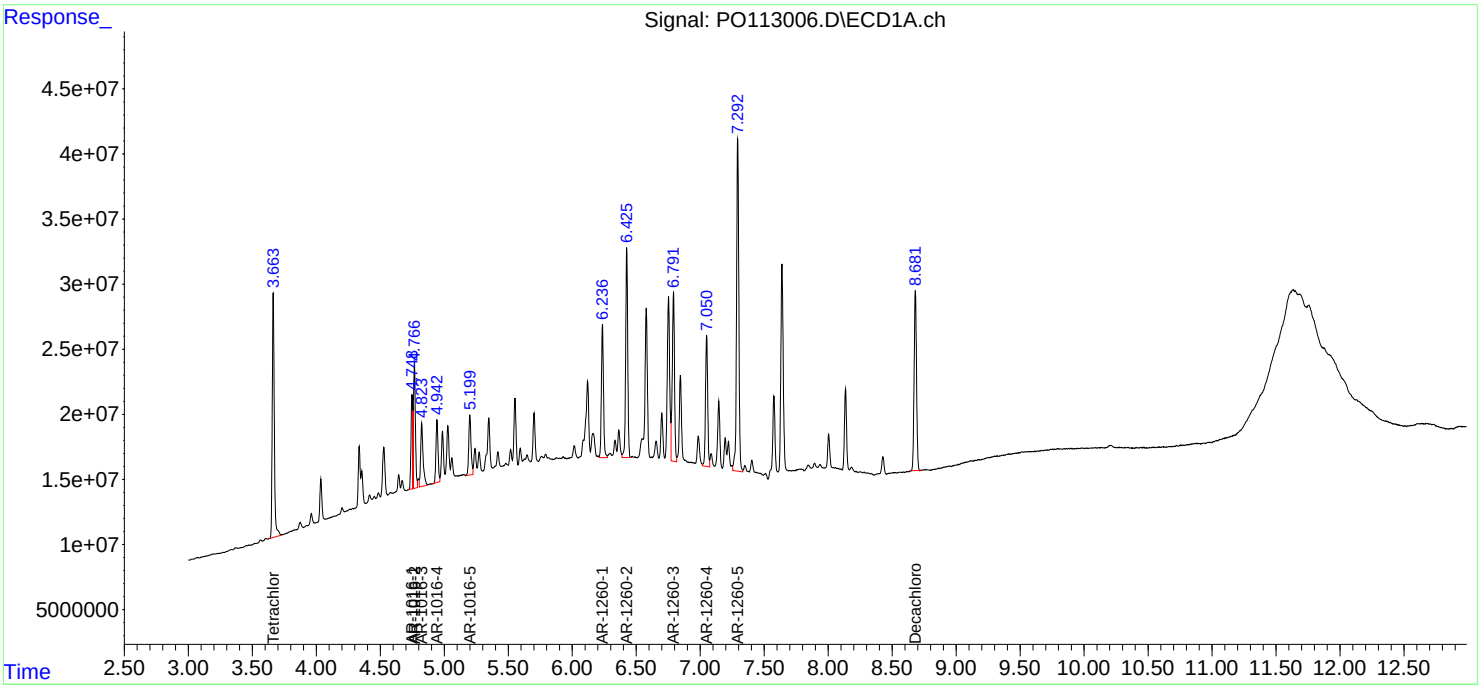
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

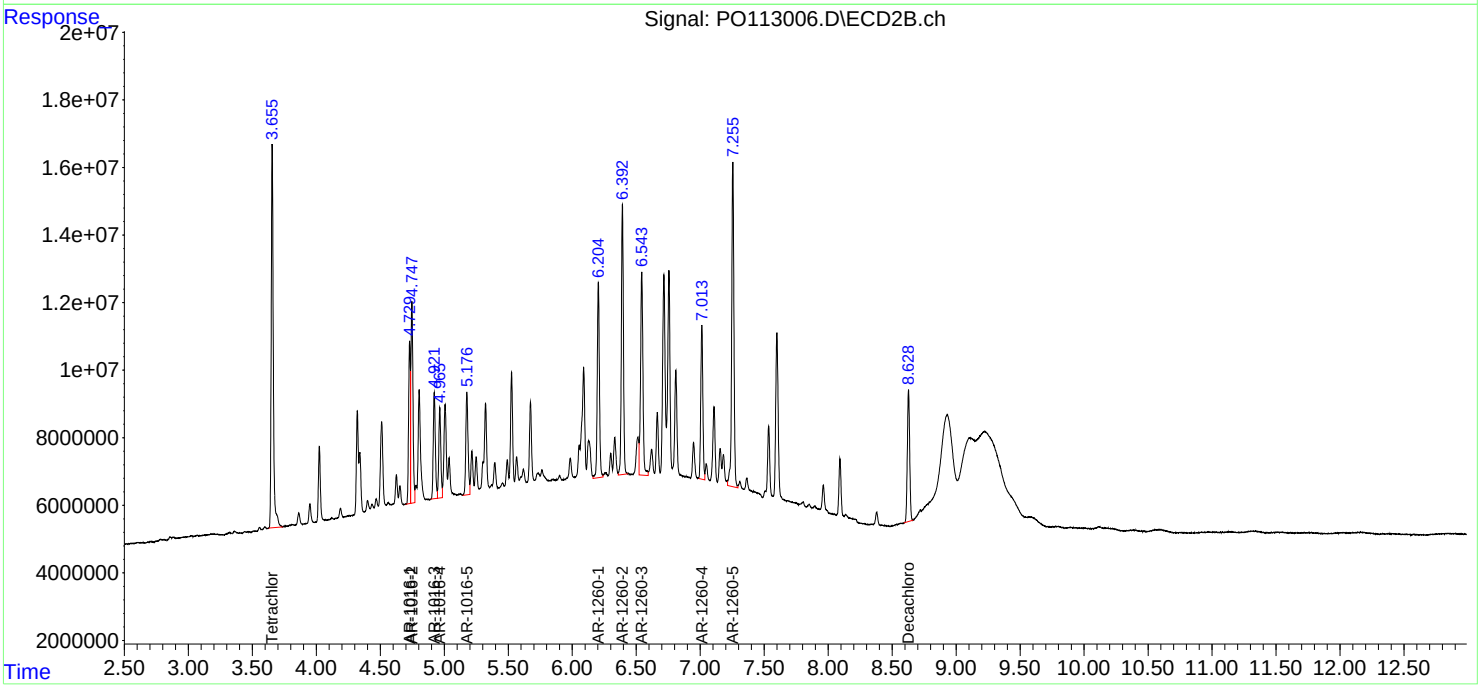
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:48
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:05:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 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...	3.663	3.654	38705497	24699023	4.728	4.881
2)	SA Decachlor...	8.681	8.626	33724342	8728376	4.865	4.606
	Target Compounds						
3)	L1 AR-1016-1	4.747	4.728	12924748	8716922	48.963	51.104
4)	L1 AR-1016-2	4.765	4.747	18948771	13256000	47.203	51.448
5)	L1 AR-1016-3	4.823	4.922	13003930	7770949	50.991	55.660
6)	L1 AR-1016-4	4.942	4.964	12149479	7218889	55.714	61.859
7)	L1 AR-1016-5	5.199	5.176	12331019	7956952	55.638	55.827
31)	L7 AR-1260-1	6.234	6.203	23856357	14036794	53.268m	55.031
32)	L7 AR-1260-2	6.424	6.391	35062015	19279056	50.038m	55.766
33)	L7 AR-1260-3	6.790	6.542	29698822	17066697	48.097	57.515m
34)	L7 AR-1260-4	7.049	7.011	23055337	12235910	51.477	59.040
35)	L7 AR-1260-5	7.292	7.253	59416722	27062013	49.077	57.772

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

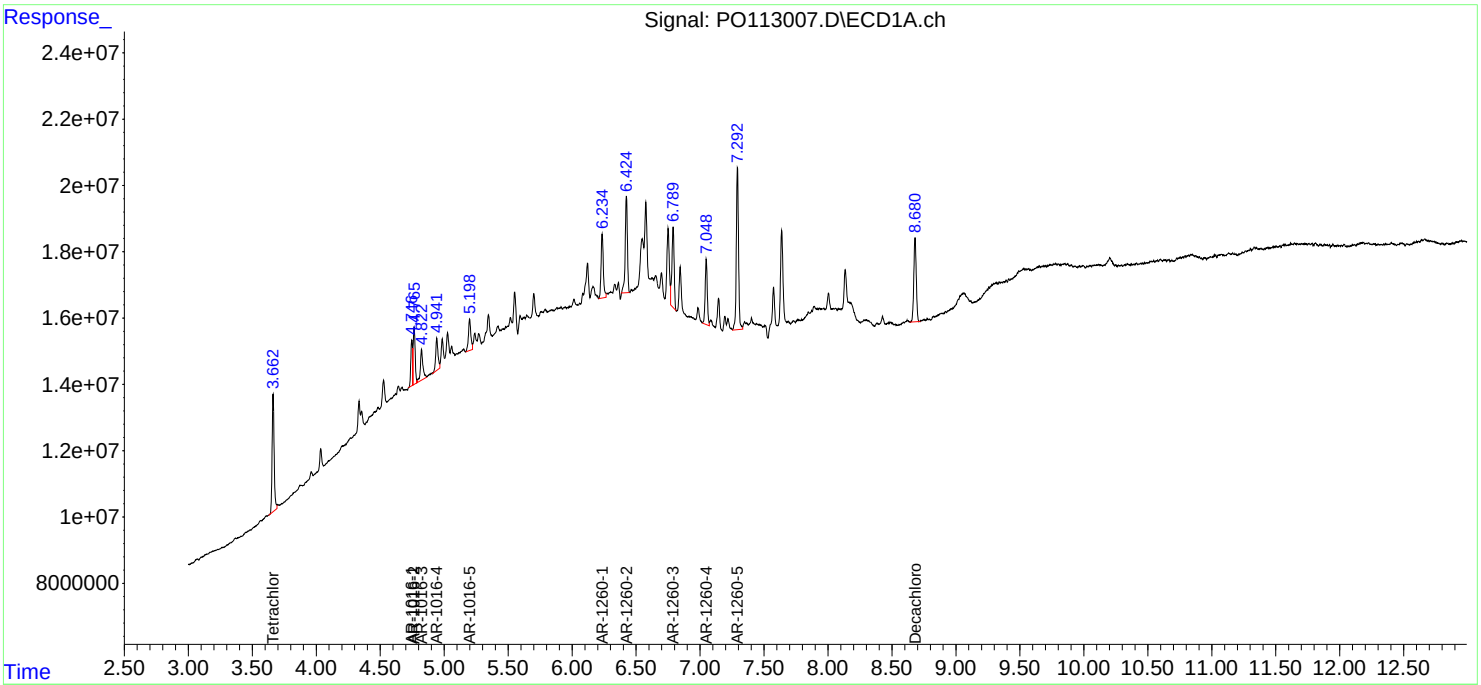
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

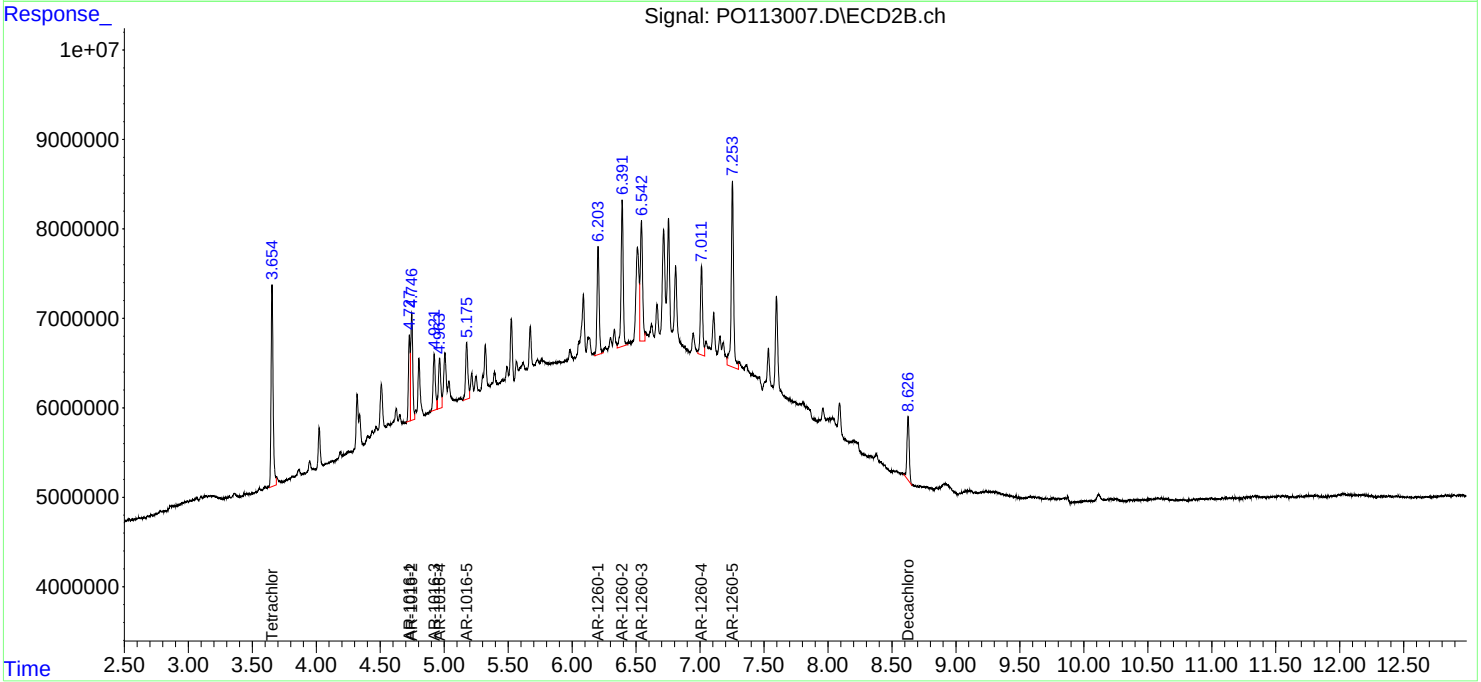
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:25
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: Aug 19 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:47:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	413.6E6	254.0E6	50.000	50.000
2)	SA Decachlor...	8.682	8.627	342.9E6	94957632	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.874	3.864	46786628	31560573	500.000	500.000
9)	L2 AR-1221-2	3.960	3.950	33775329	23336608	500.000	500.000
10)	L2 AR-1221-3	4.036	4.024	110.7E6	74237501	500.000	500.000

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

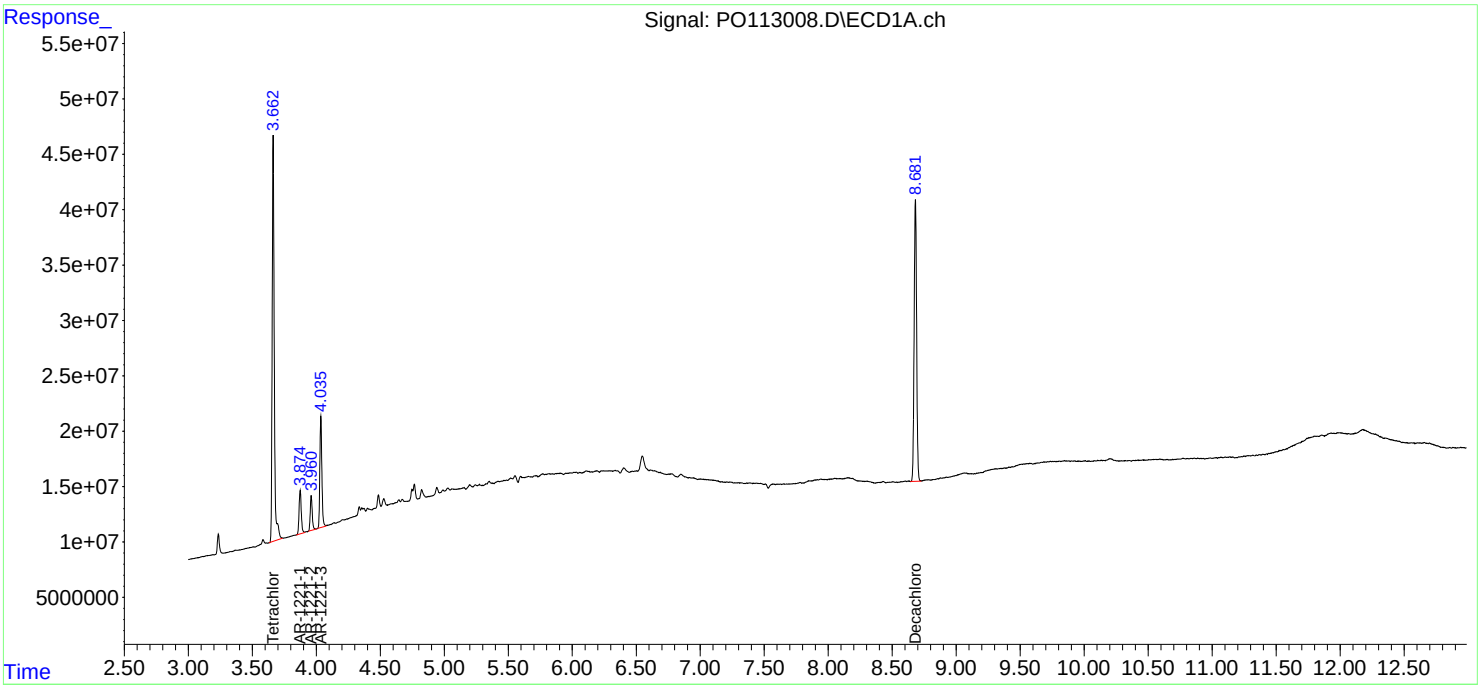
Quantitation Report (QT Reviewed)

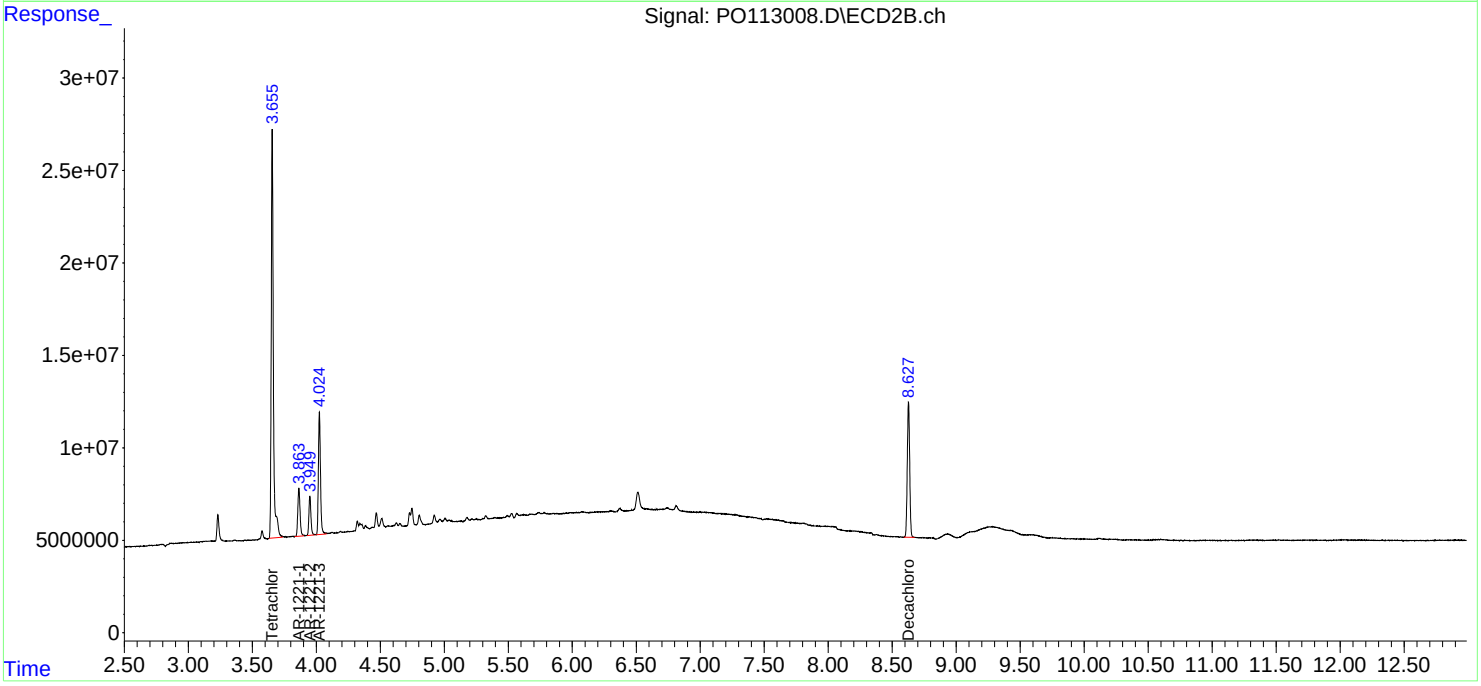
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:25
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:47:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:43
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: Aug 19 04:57:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:57:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	425.2E6	260.6E6	50.000	50.000
2)	SA Decachlor...	8.682	8.628	358.9E6	97760702	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.036	4.023	87003202	58701316	500.000	500.000
12)	L3 AR-1232-2	4.527	4.747	49926230	61272548	500.000	500.000
13)	L3 AR-1232-3	4.767	4.922	94737736	31672814	500.000	500.000
14)	L3 AR-1232-4	4.942	5.006	47084775	28110590	500.000	500.000
15)	L3 AR-1232-5	4.986	5.176	30971484	29931775	500.000	500.000

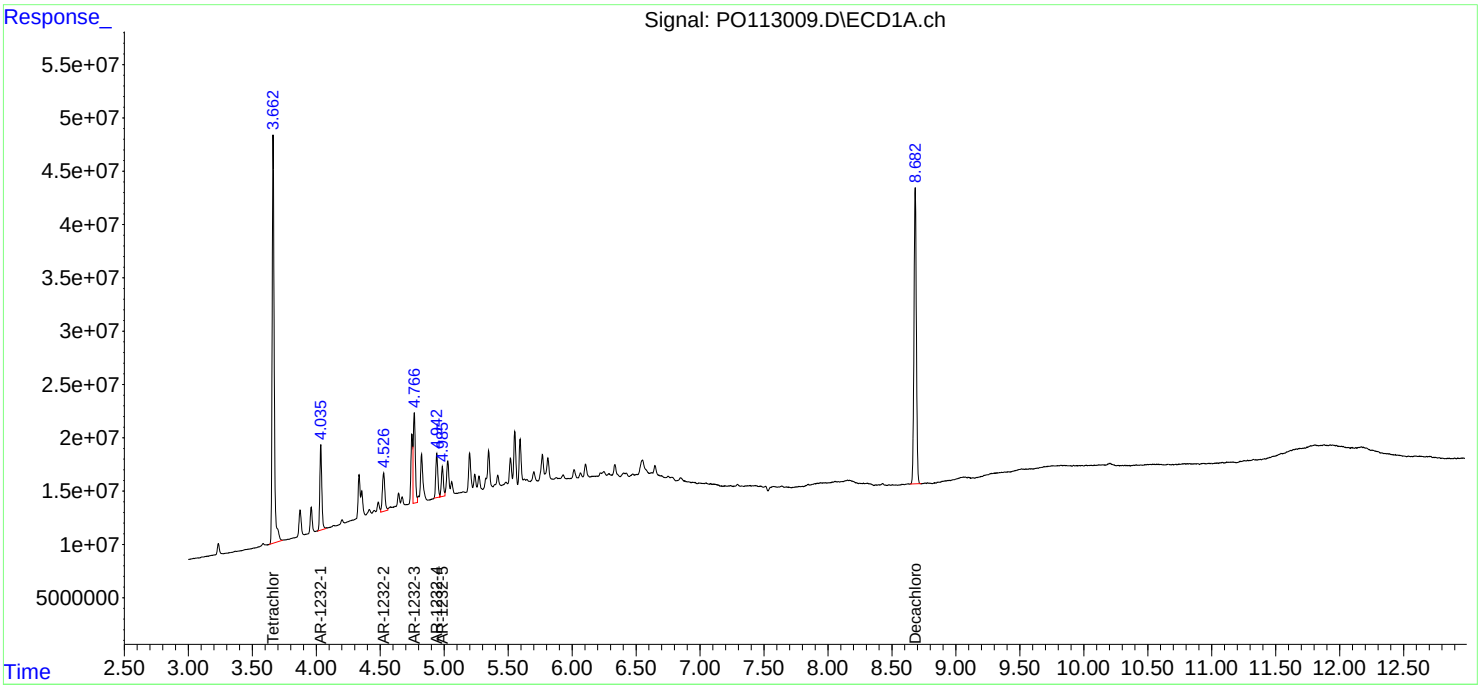
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

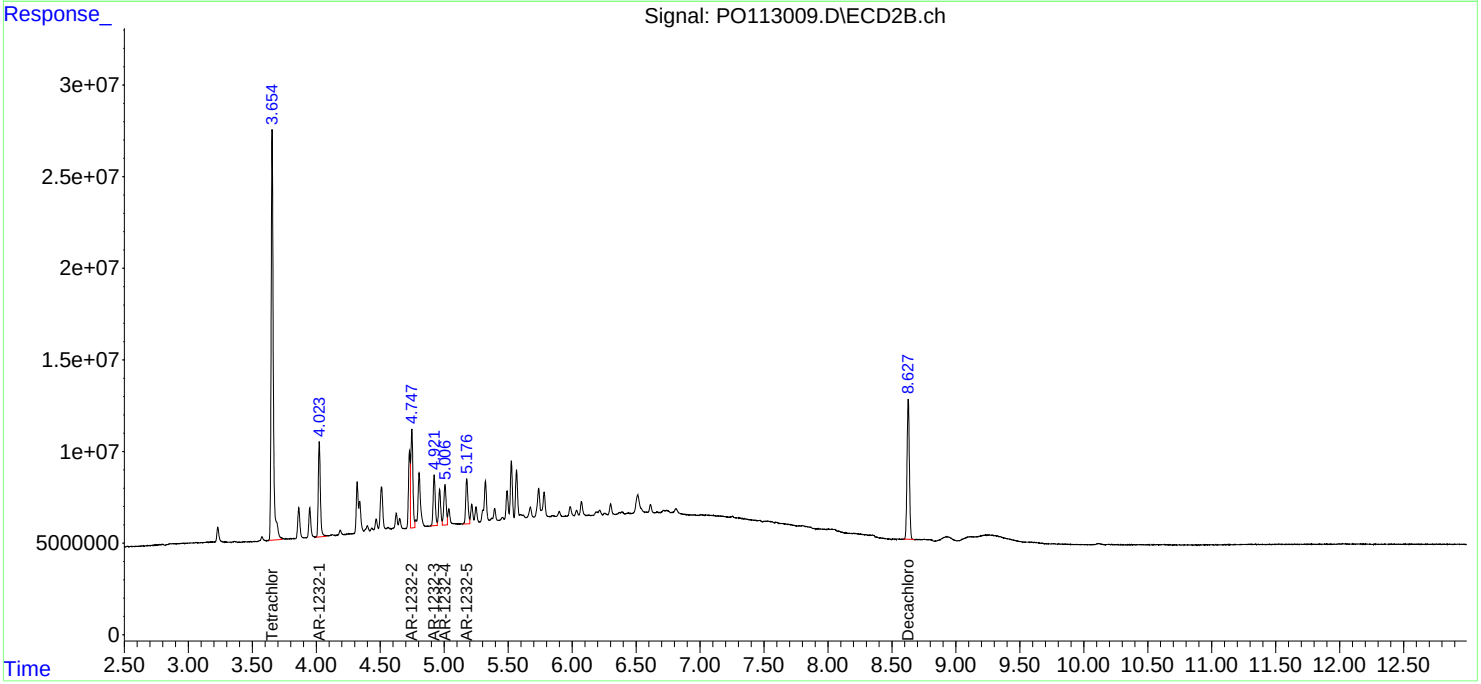
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:43
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:57:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:57:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:01
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: Aug 19 05:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	790.3E6	482.6E6	91.305	91.569
2)	SA Decachlor...	8.682	8.629	698.4E6	186.8E6	94.884	93.137
	Target Compounds						
16)	L4 AR-1242-1	4.748	4.729	219.0E6	133.9E6	902.034	878.518
17)	L4 AR-1242-2	4.767	4.747	328.0E6	204.0E6	899.261	894.341
18)	L4 AR-1242-3	4.824	4.923	205.3E6	105.7E6	902.879	874.106
19)	L4 AR-1242-4	4.943	5.007	165.3E6	101.7E6	901.450	864.505
20)	L4 AR-1242-5	5.594	5.526	180.7E6	136.1E6	862.178	877.068

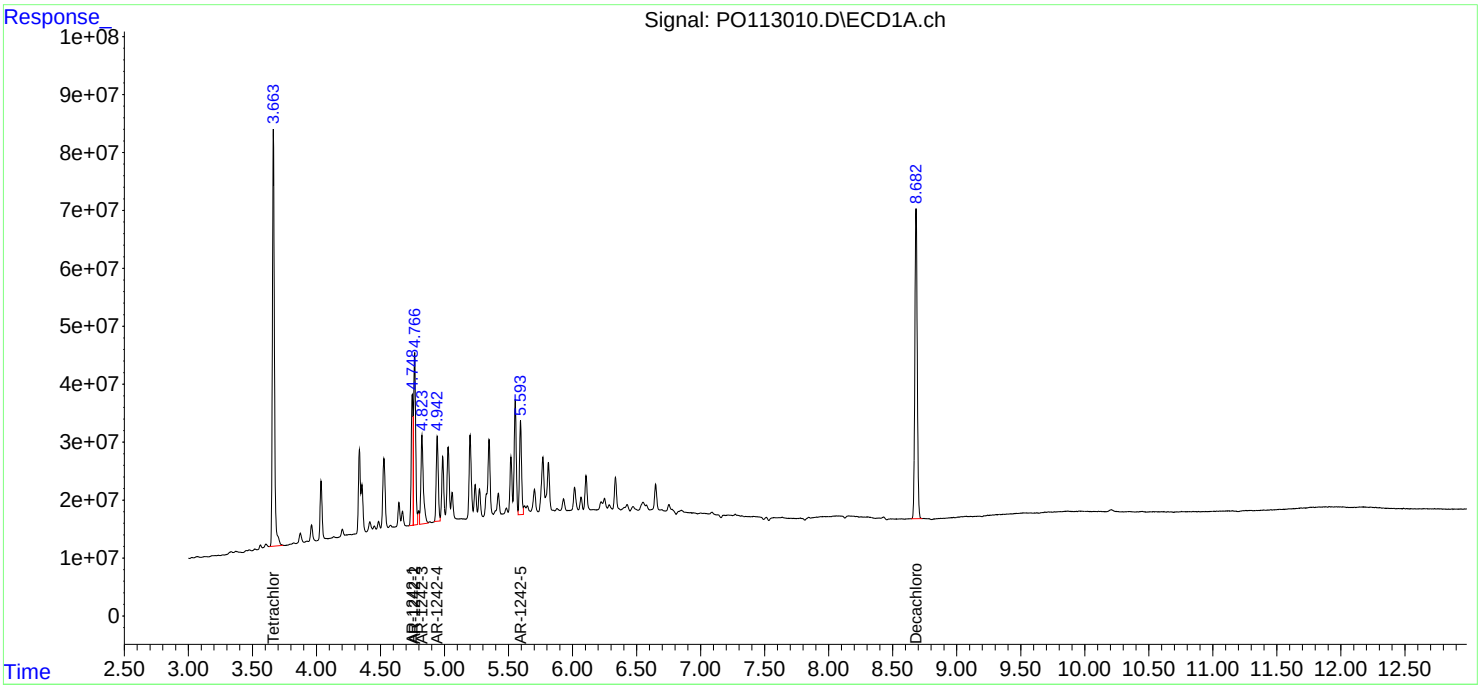
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

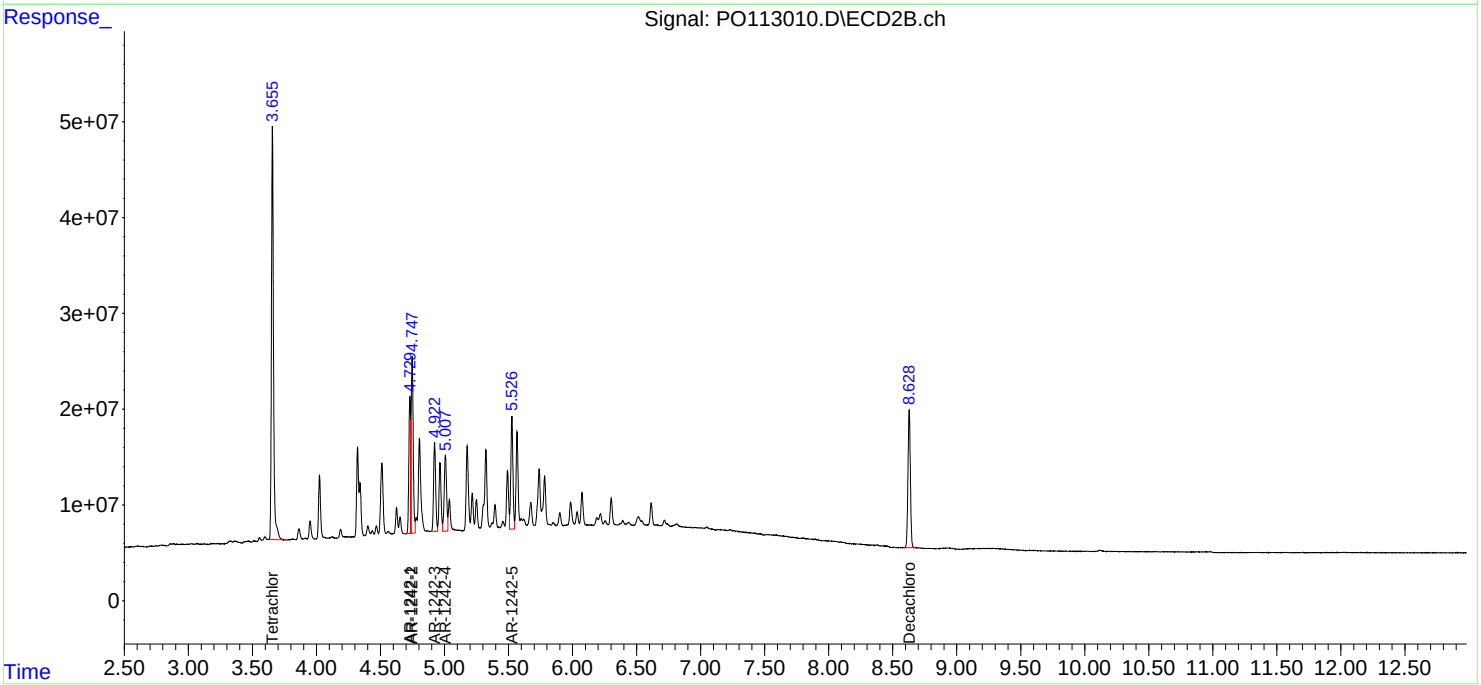
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:01
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
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: Aug 19 05:01:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	620.6E6	380.4E6	71.701	72.170
2)	SA Decachlor...	8.682	8.627	540.0E6	146.8E6	73.362	73.184
	Target Compounds						
16)	L4 AR-1242-1	4.748	4.729	175.1E6	107.3E6	721.386	704.350
17)	L4 AR-1242-2	4.766	4.746	258.7E6	162.9E6	709.343	714.312
18)	L4 AR-1242-3	4.823	4.922	163.5E6	85600439	719.316	707.956
19)	L4 AR-1242-4	4.943	5.006	131.5E6	82987408	717.438	705.553
20)	L4 AR-1242-5	5.593	5.525	147.5E6	109.5E6	703.881	705.578

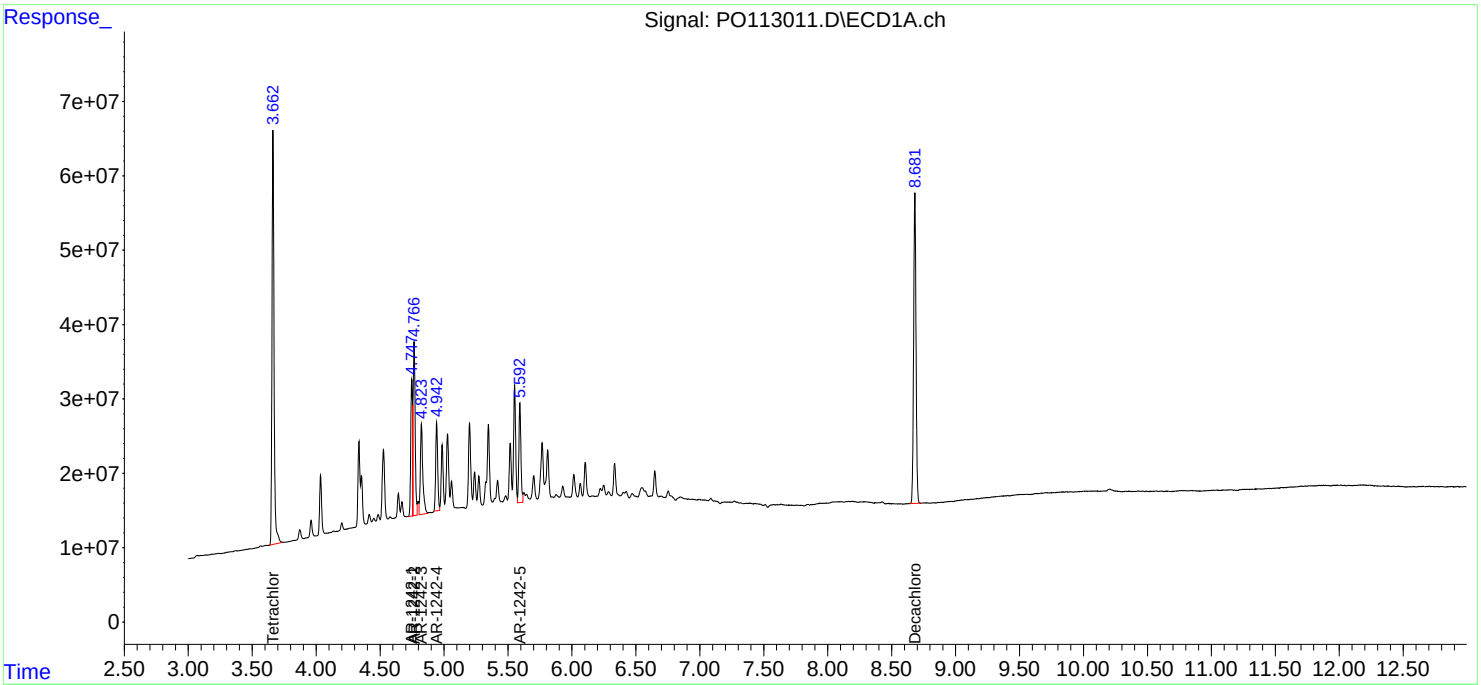
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

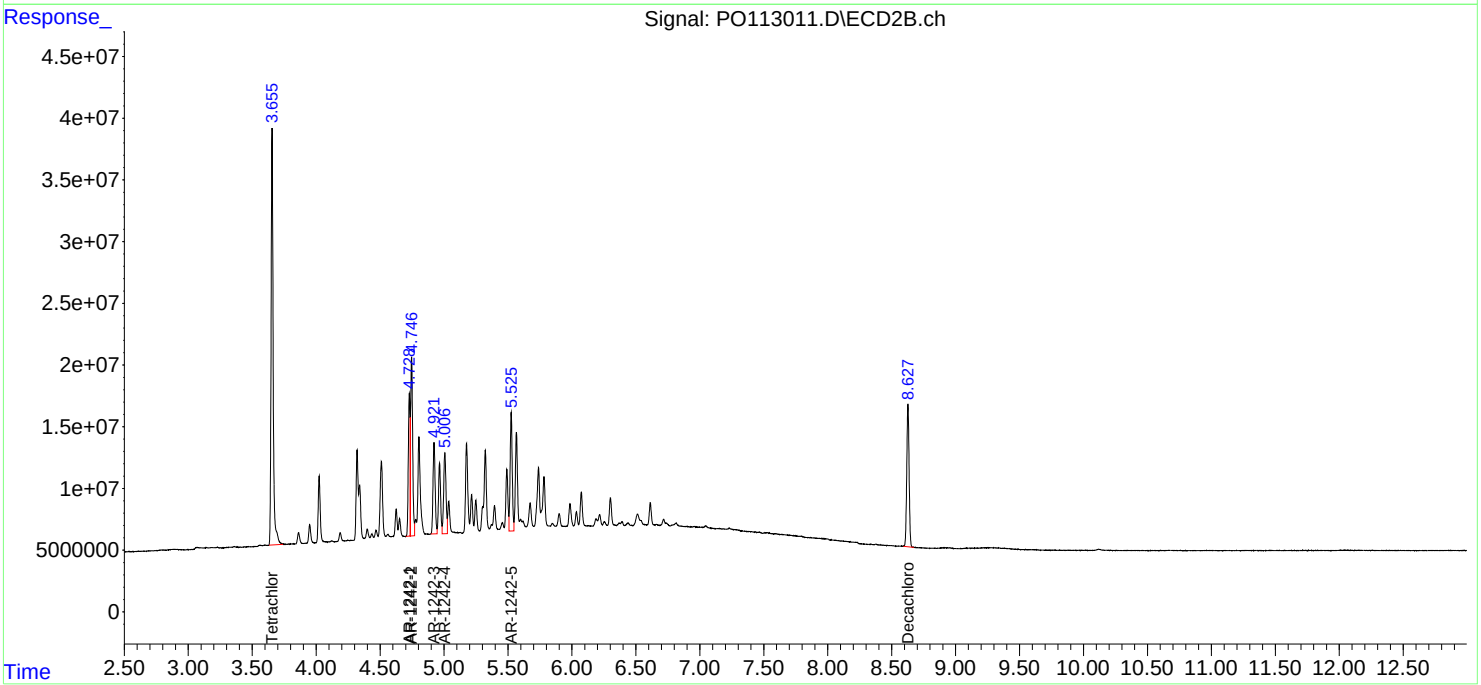
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:38
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: Aug 19 05:01:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	432.8E6	263.5E6	50.000	50.000
2)	SA Decachlor...	8.681	8.626	368.0E6	100.3E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.747	4.729	121.4E6	76197369	500.000	500.000
17)	L4 AR-1242-2	4.766	4.747	182.4E6	114.0E6	500.000	500.000
18)	L4 AR-1242-3	4.824	4.922	113.7E6	60456076	500.000	500.000
19)	L4 AR-1242-4	4.942	5.006	91668775	58810219	500.000	500.000
20)	L4 AR-1242-5	5.592	5.526	104.8E6	77583399	500.000	500.000

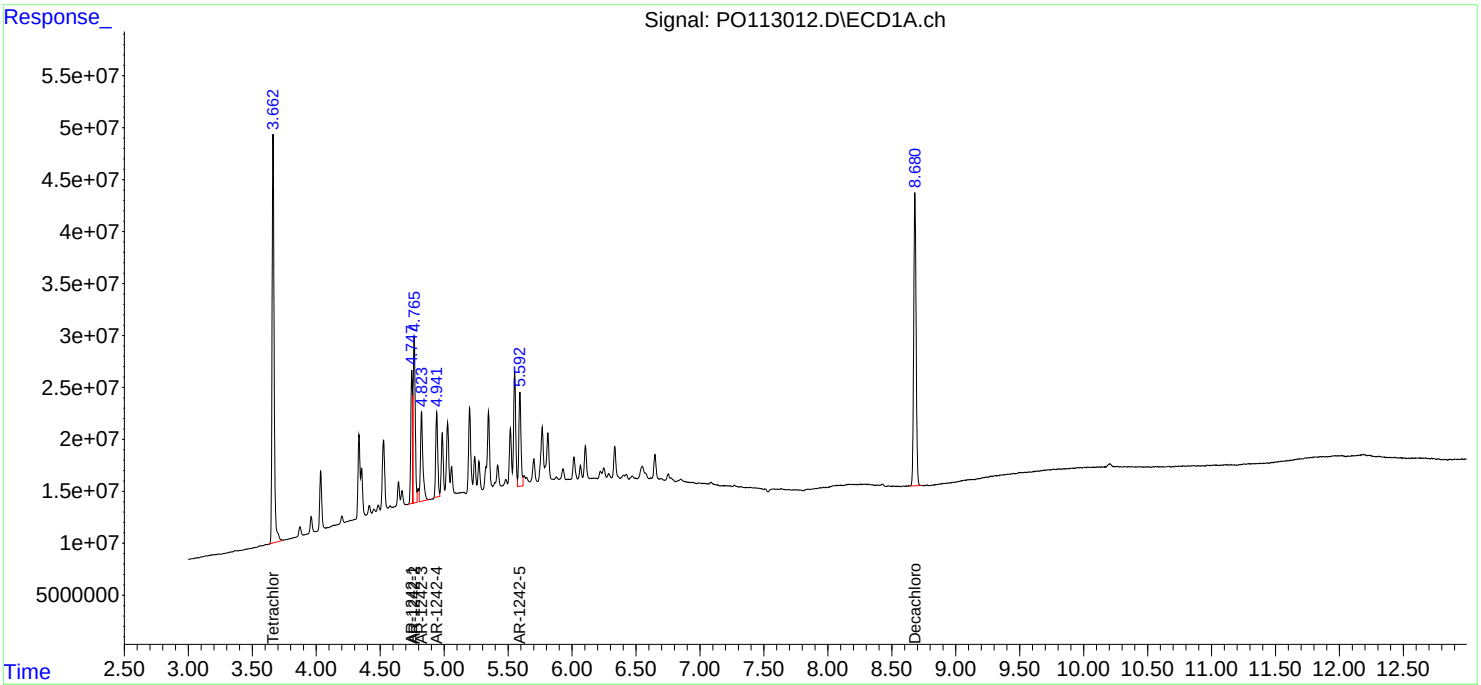
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

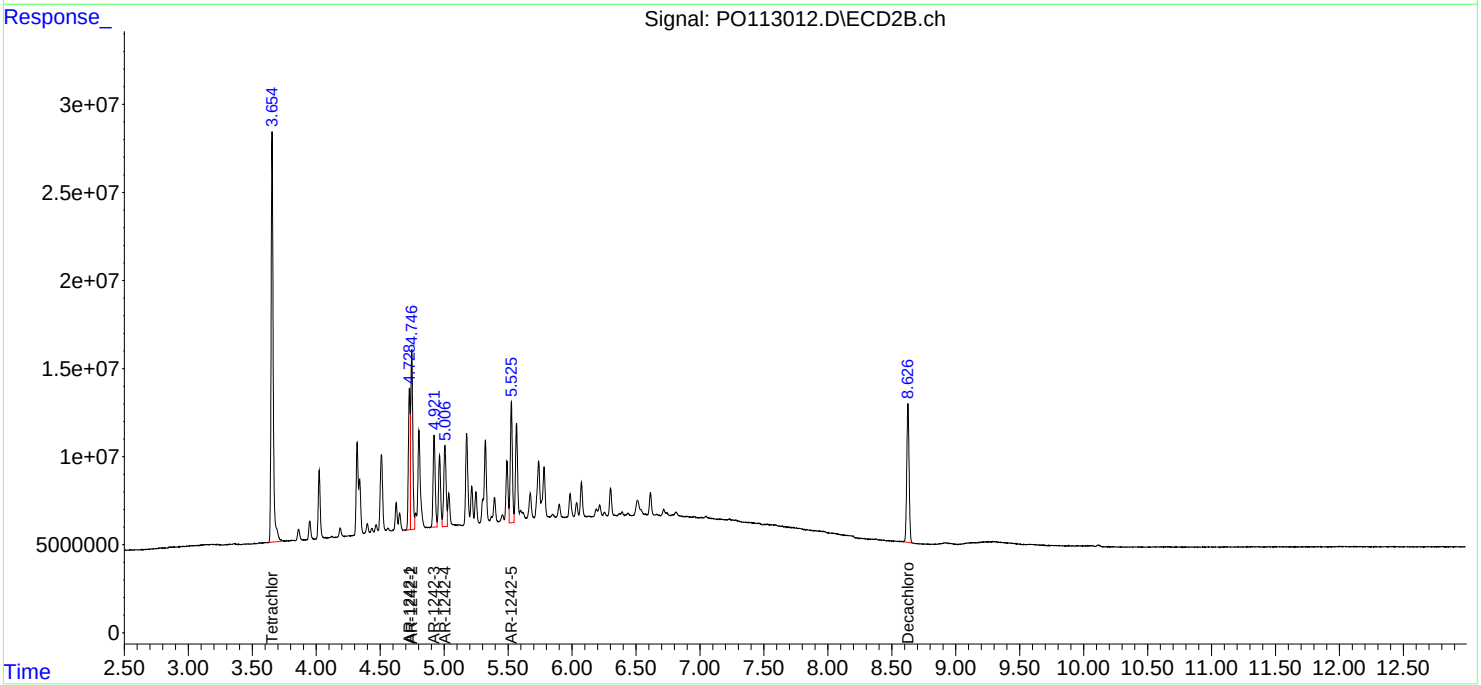
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:38
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:57
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: Aug 19 05:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	212.9E6	131.8E6	24.601	25.001
2)	SA Decachlor...	8.683	8.629	181.6E6	50519854	24.673	25.188
	Target Compounds						
16)	L4 AR-1242-1	4.749	4.730	60181316	39111281	247.875	256.645
17)	L4 AR-1242-2	4.768	4.748	91044620	58590662	249.630	256.919
18)	L4 AR-1242-3	4.824	4.923	56585858	30921281	248.886	255.733
19)	L4 AR-1242-4	4.944	5.007	46289370	30803322	252.482	261.887
20)	L4 AR-1242-5	5.594	5.527	53931193	40625723	257.385	261.820

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

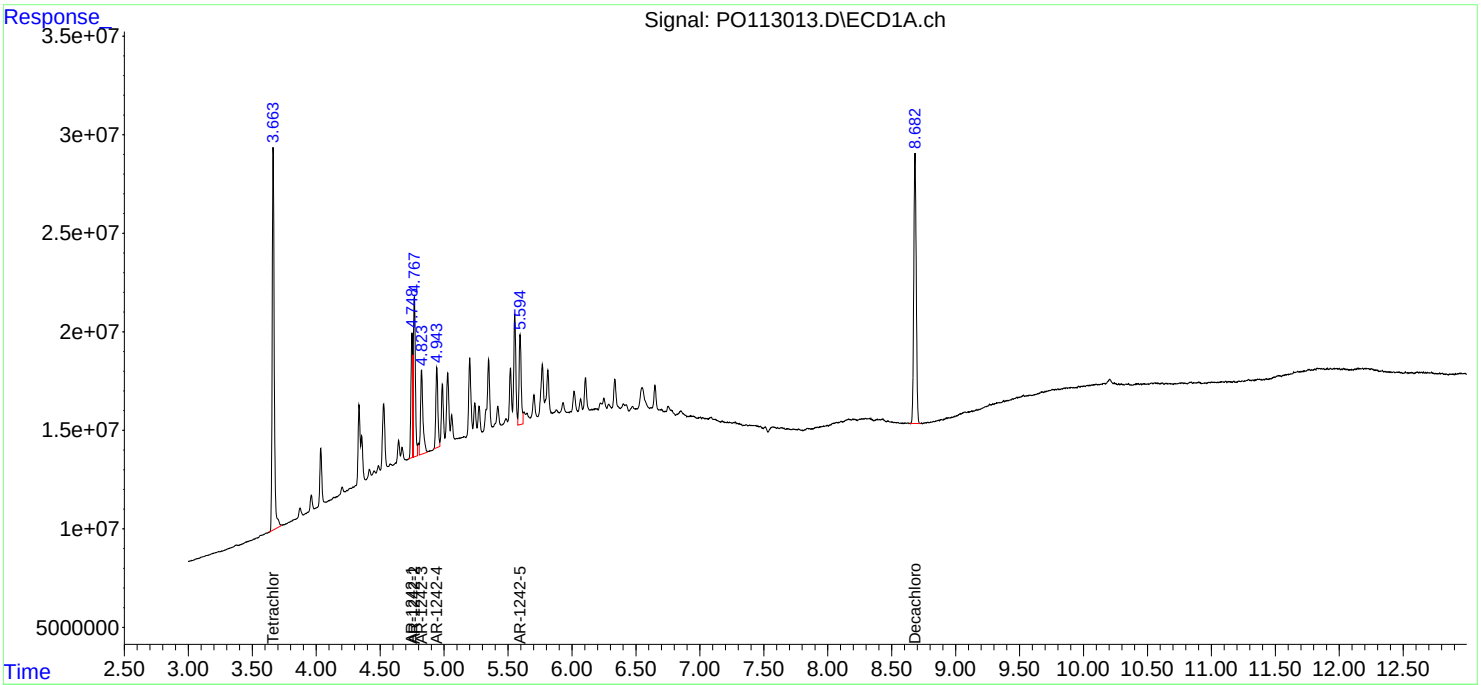
Quantitation Report (QT Reviewed)

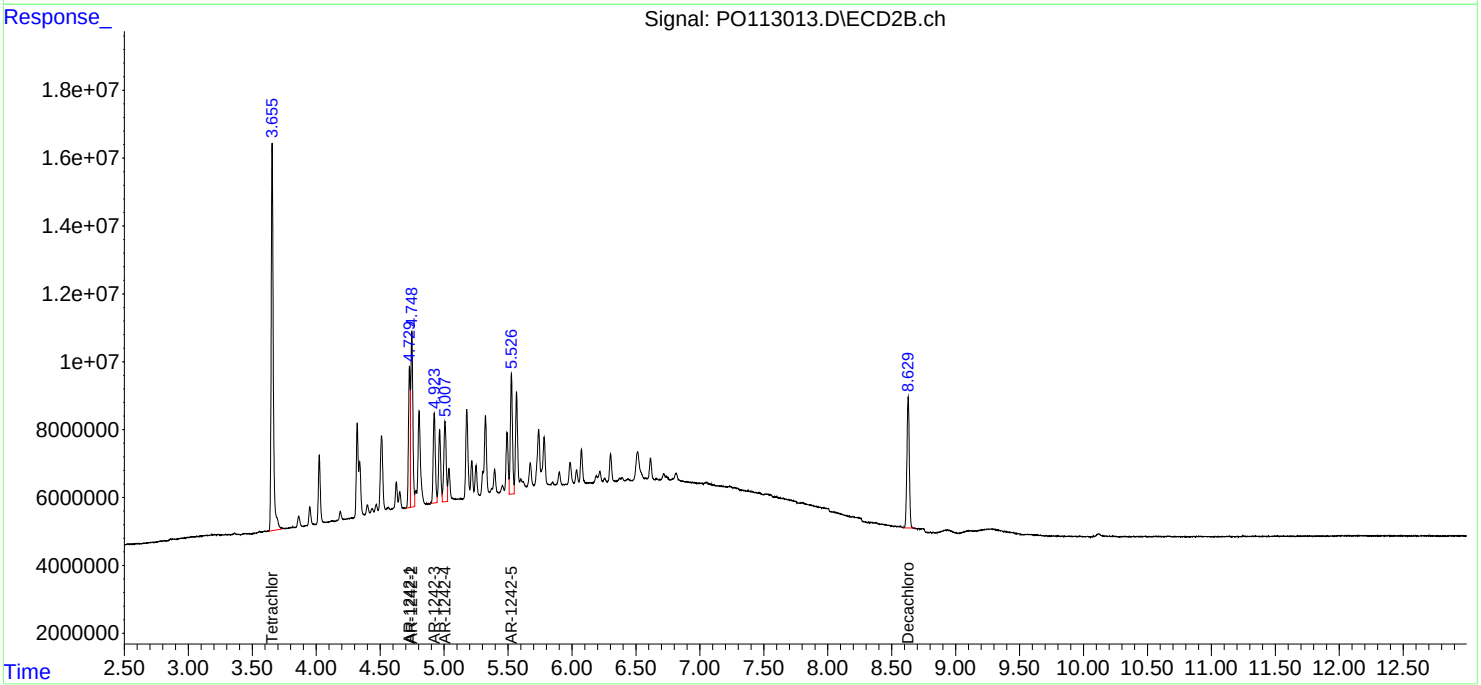
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:57
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	34925483	22528993	4.035	4.275
2)	SA Decachlor...	8.681	8.627	30372133	8862645	4.126	4.419
	Target Compounds						
16)	L4 AR-1242-1	4.747	4.728	10680758	6834075	43.992m	44.845m
17)	L4 AR-1242-2	4.766	4.747	15815267	10049295	43.363m	44.066
18)	L4 AR-1242-3	4.824	4.922	11619589	6020015	51.107	49.788
19)	L4 AR-1242-4	4.943	5.007	7908544	6750995	43.137	57.396 #
20)	L4 AR-1242-5	5.592	5.526	9912247	7296334	47.306m	47.023m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

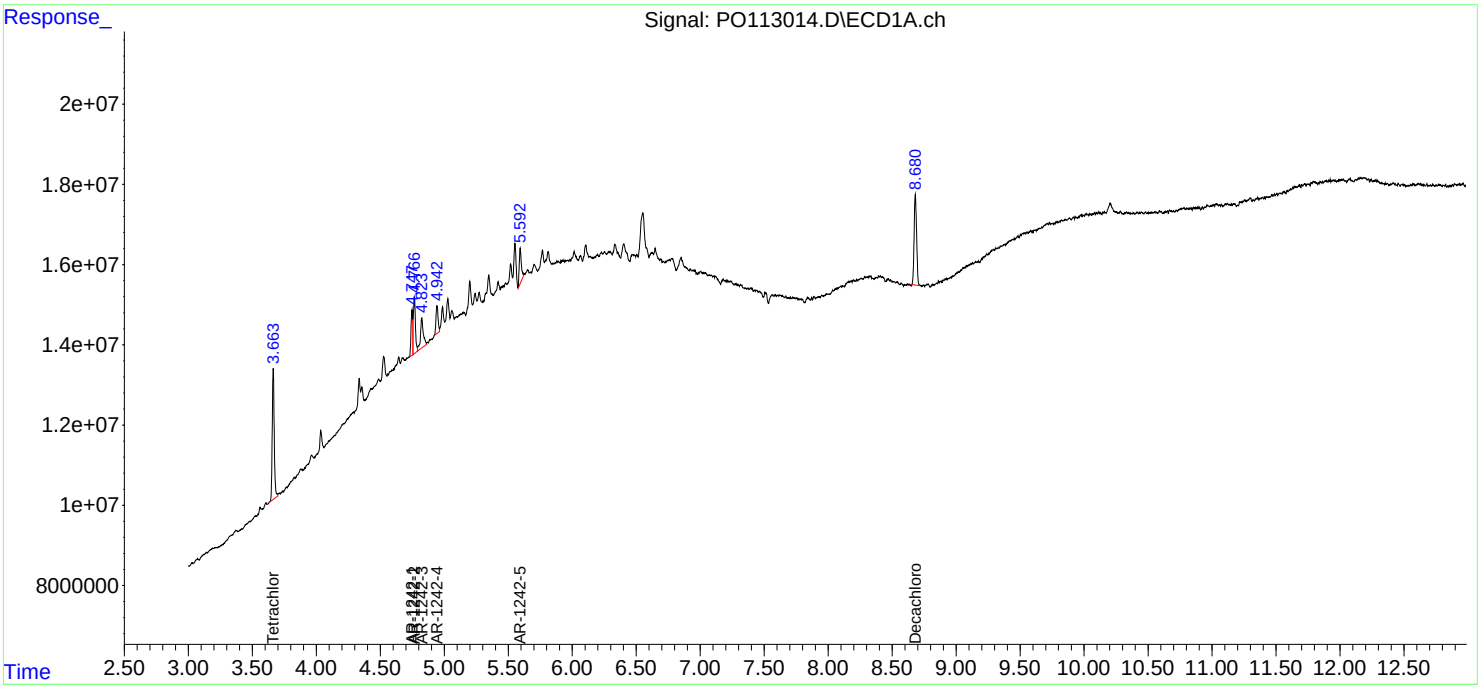
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

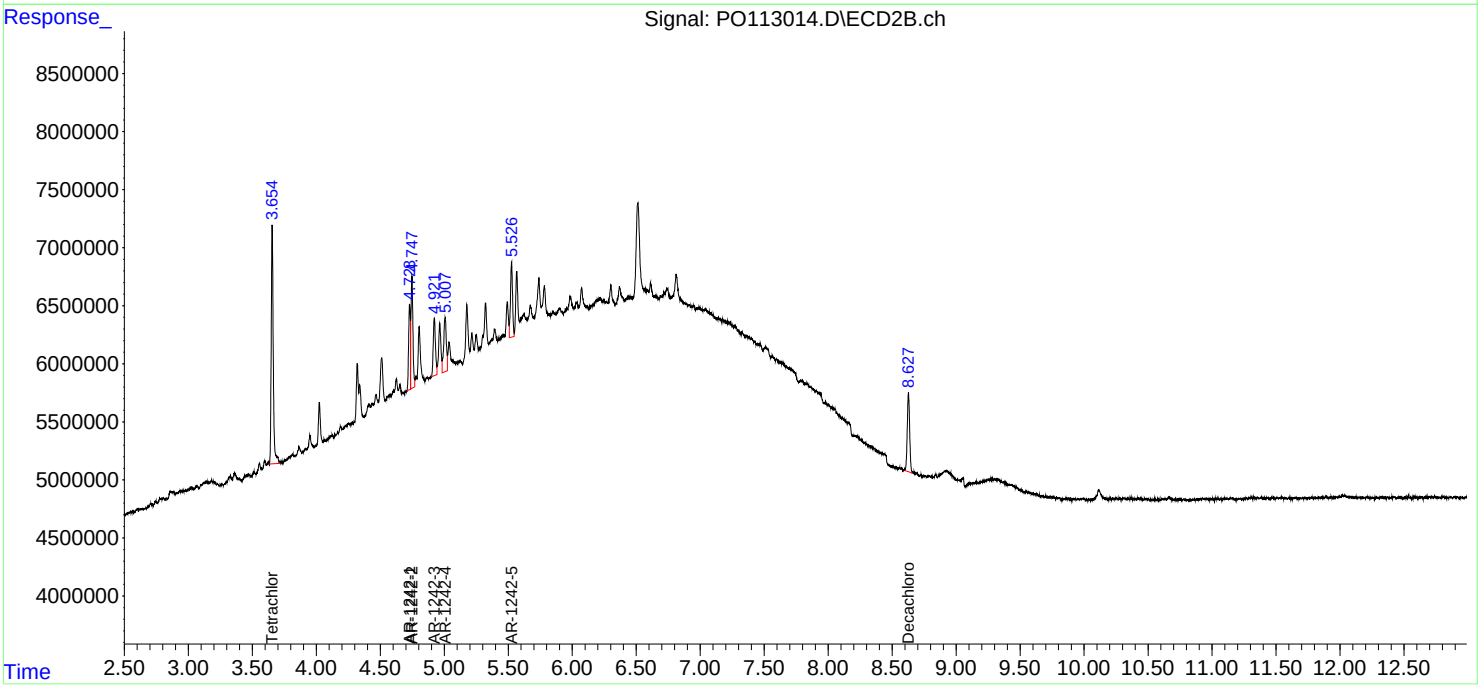
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:34
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: Aug 19 05:13:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	838.2E6	504.7E6	97.589	96.994
2)	SA Decachlor...	8.683	8.627	718.2E6	189.6E6	94.869	94.382
	Target Compounds						
21)	L5 AR-1248-1	4.748	4.729	177.6E6	108.5E6	964.791	927.767
22)	L5 AR-1248-2	4.986	4.965	240.1E6	150.8E6	971.626	922.798
23)	L5 AR-1248-3	5.200	5.006	306.1E6	159.4E6	928.687	921.357
24)	L5 AR-1248-4	5.552	5.177	475.5E6	188.3E6	935.504	918.888
25)	L5 AR-1248-5	5.593	5.567	324.2E6	194.0E6	930.863	916.030

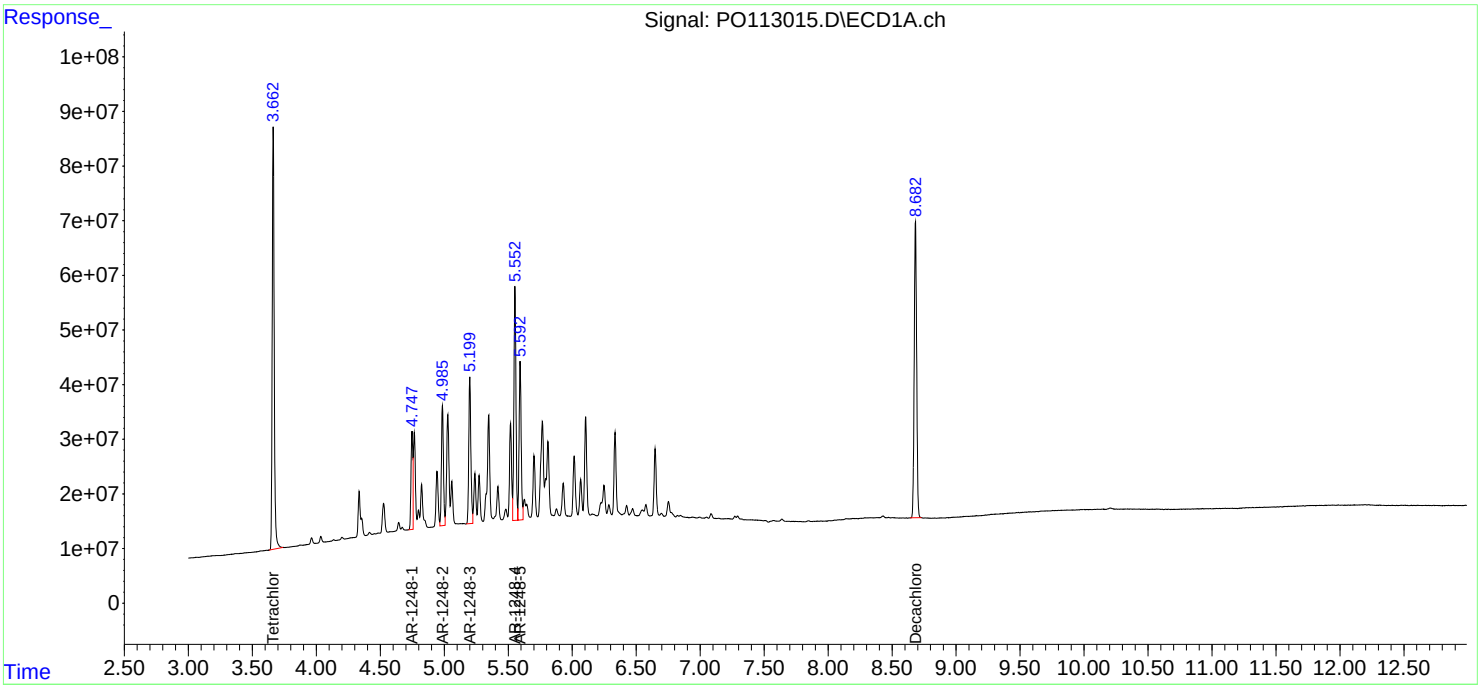
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

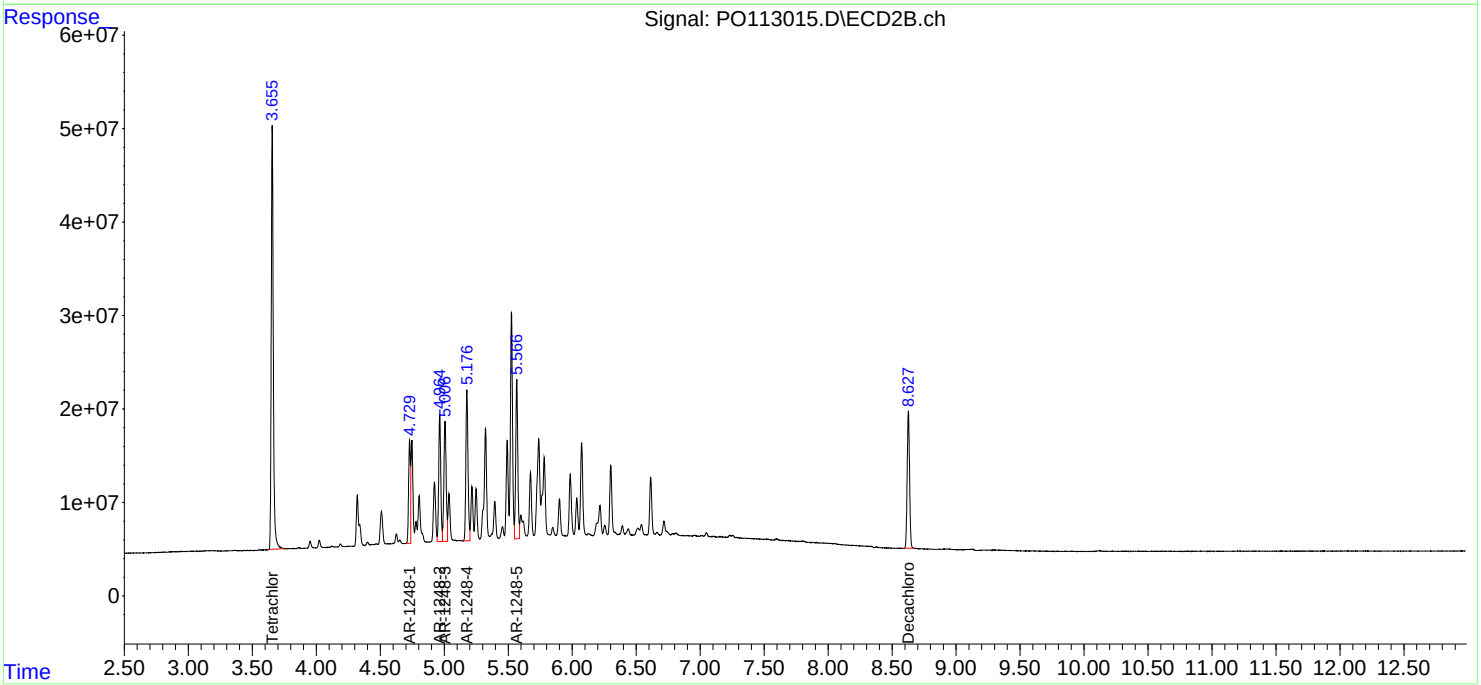
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:34
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:52
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: Aug 19 05:13:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	641.1E6	386.6E6	74.640	74.305
2)	SA Decachlor...	8.682	8.628	563.6E6	148.6E6	74.452	73.955
	Target Compounds						
21)	L5 AR-1248-1	4.748	4.728	136.0E6	84958849	738.729	726.663
22)	L5 AR-1248-2	4.986	4.964	184.8E6	118.3E6	747.715	723.853
23)	L5 AR-1248-3	5.200	5.006	236.8E6	124.8E6	718.364	721.172
24)	L5 AR-1248-4	5.552	5.176	368.4E6	146.9E6	724.738	716.783
25)	L5 AR-1248-5	5.593	5.566	254.1E6	153.0E6	729.605	722.136

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

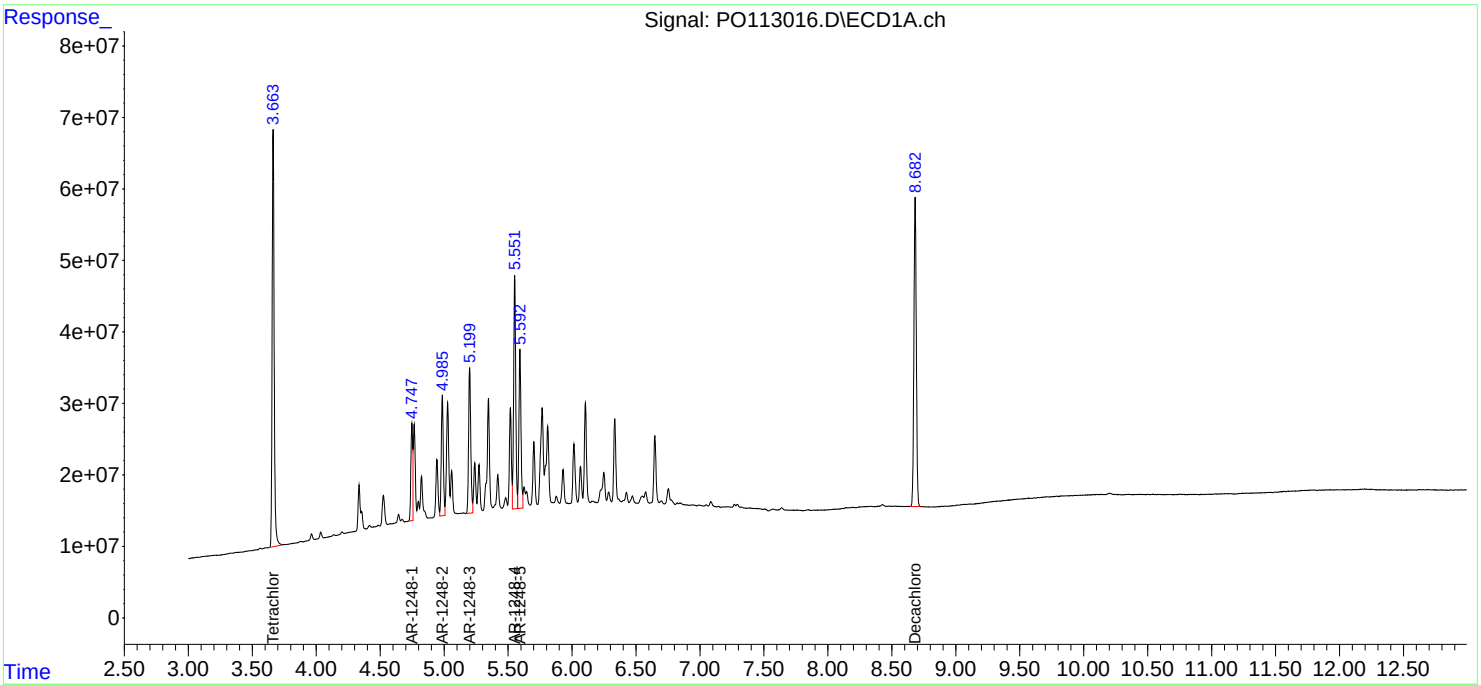
Quantitation Report (QT Reviewed)

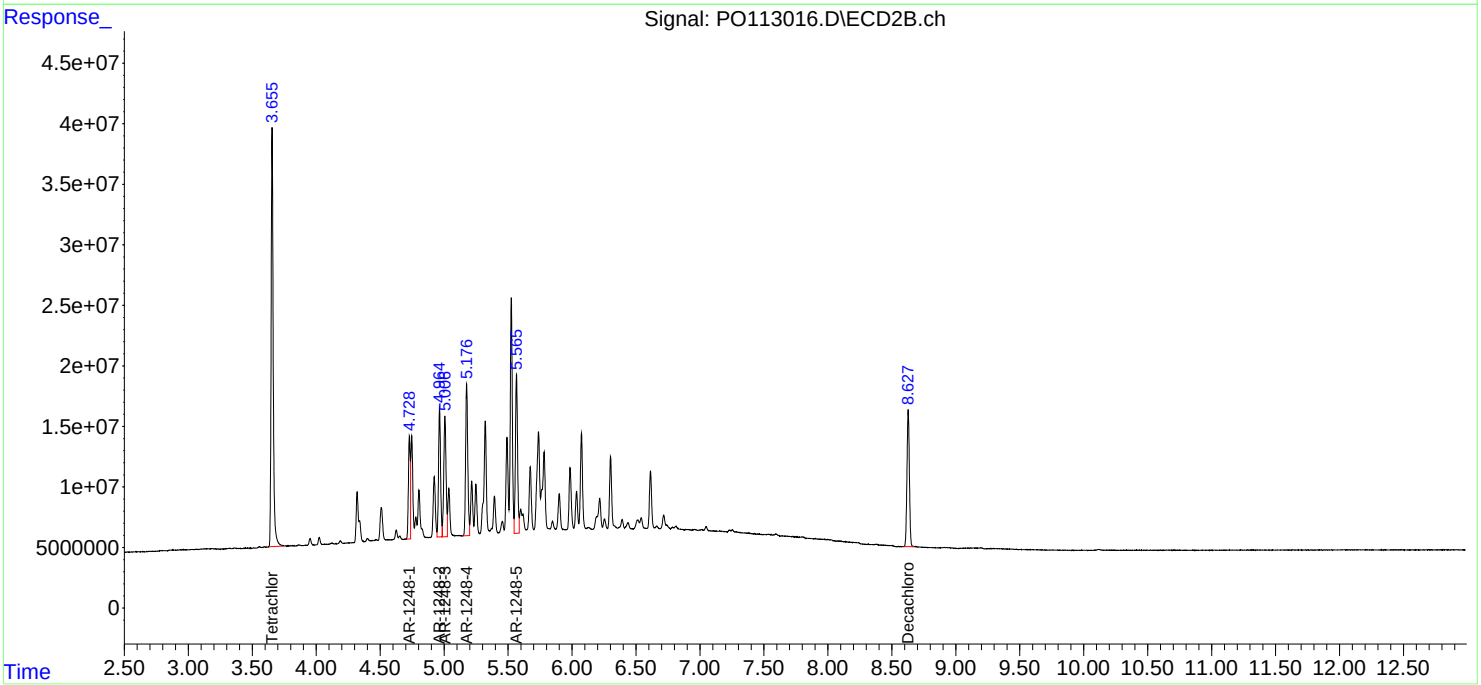
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:52
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:09
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: Aug 19 05:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.661	3.655	429.4E6	260.2E6	50.000	50.000
2)	SA Decachlor...	8.682	8.627	378.5E6	100.4E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.746	4.729	92017394	58458199	500.000	500.000
22)	L5 AR-1248-2	4.983	4.964	123.6E6	81705093	500.000	500.000
23)	L5 AR-1248-3	5.198	5.006	164.8E6	86521016	500.000	500.000
24)	L5 AR-1248-4	5.550	5.176	254.2E6	102.4E6	500.000	500.000
25)	L5 AR-1248-5	5.591	5.566	174.2E6	105.9E6	500.000	500.000

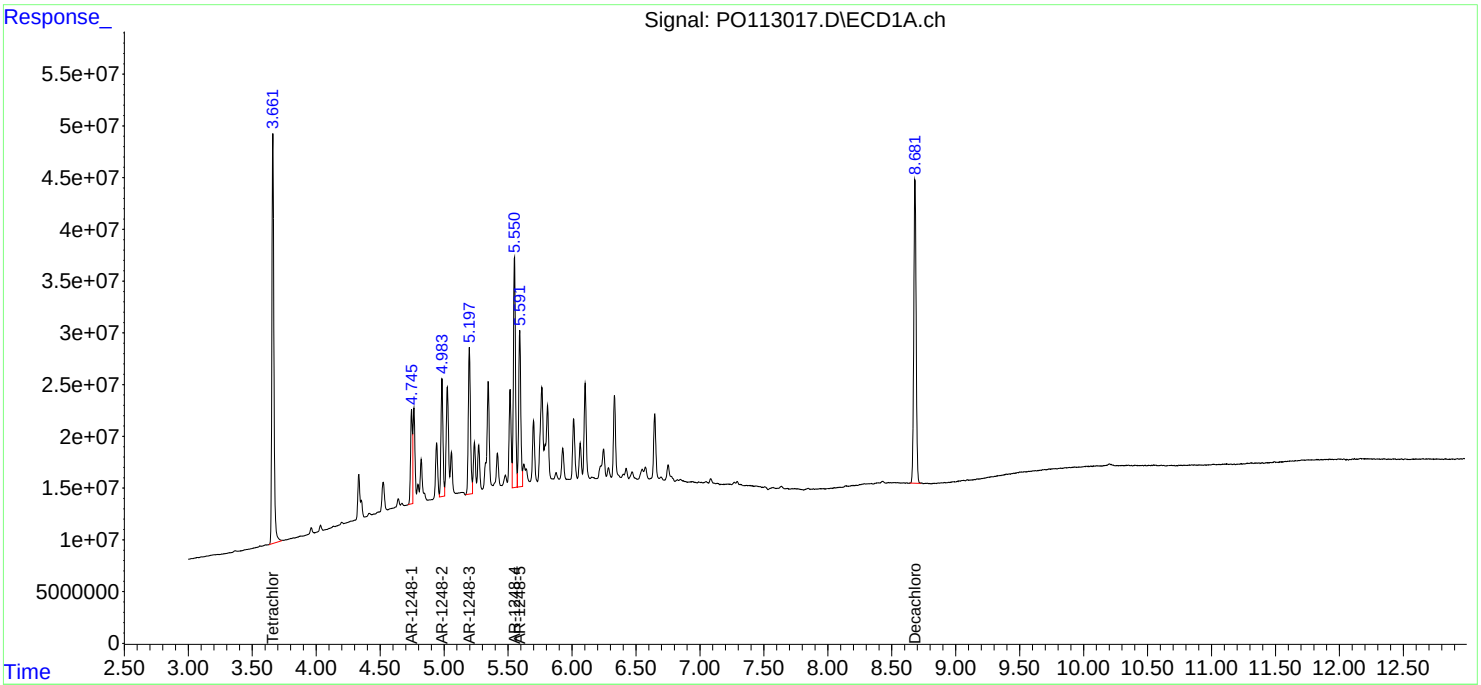
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

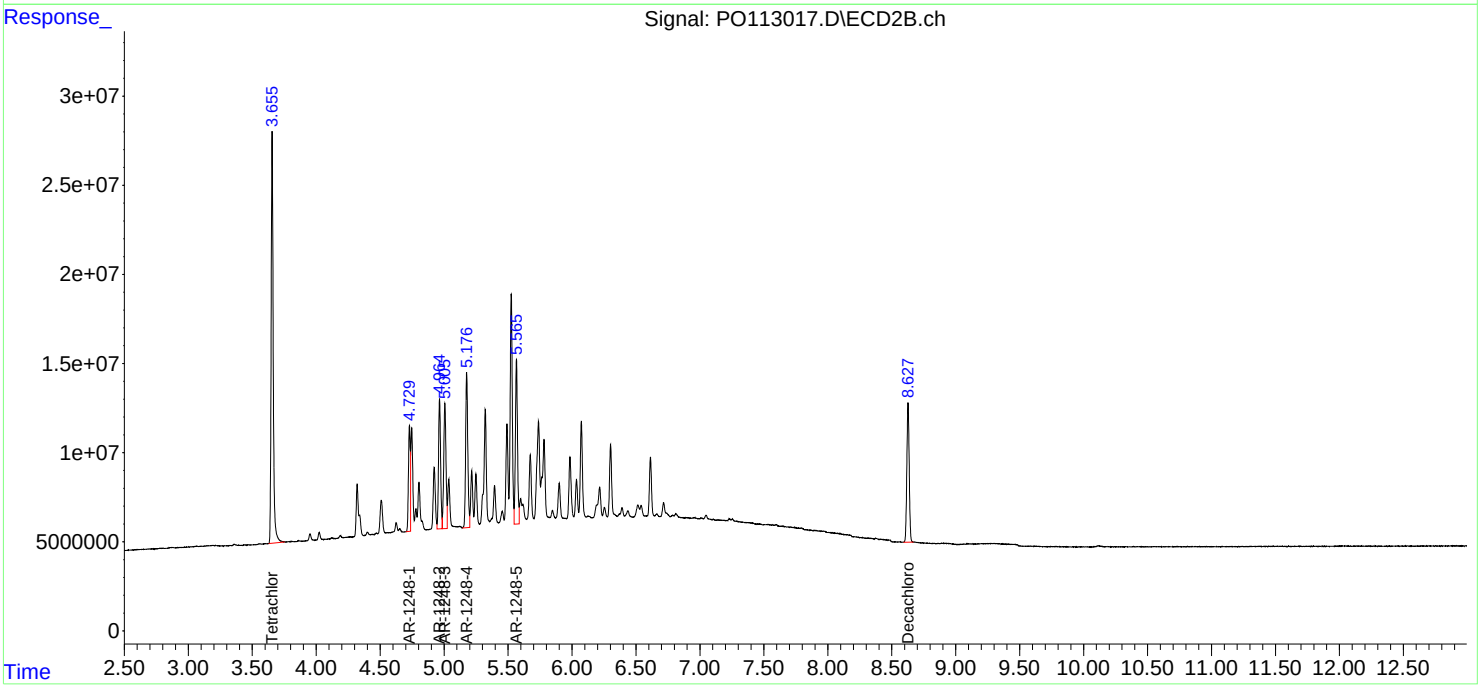
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:09
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:28
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: Aug 19 05:14:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	209.7E6	126.9E6	24.414	24.390
2)	SA Decachlor...	8.682	8.627	188.2E6	51115576	24.865	25.447
	Target Compounds						
21)	L5 AR-1248-1	4.748	4.729	45122166	29255539	245.183	250.226
22)	L5 AR-1248-2	4.986	4.965	62979159	42275318	254.859	258.707
23)	L5 AR-1248-3	5.200	5.007	79668469	44175959	241.702	255.290
24)	L5 AR-1248-4	5.553	5.178	126.5E6	52254392	248.765	255.036
25)	L5 AR-1248-5	5.594	5.567	84964920	55625603	243.937	262.628

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

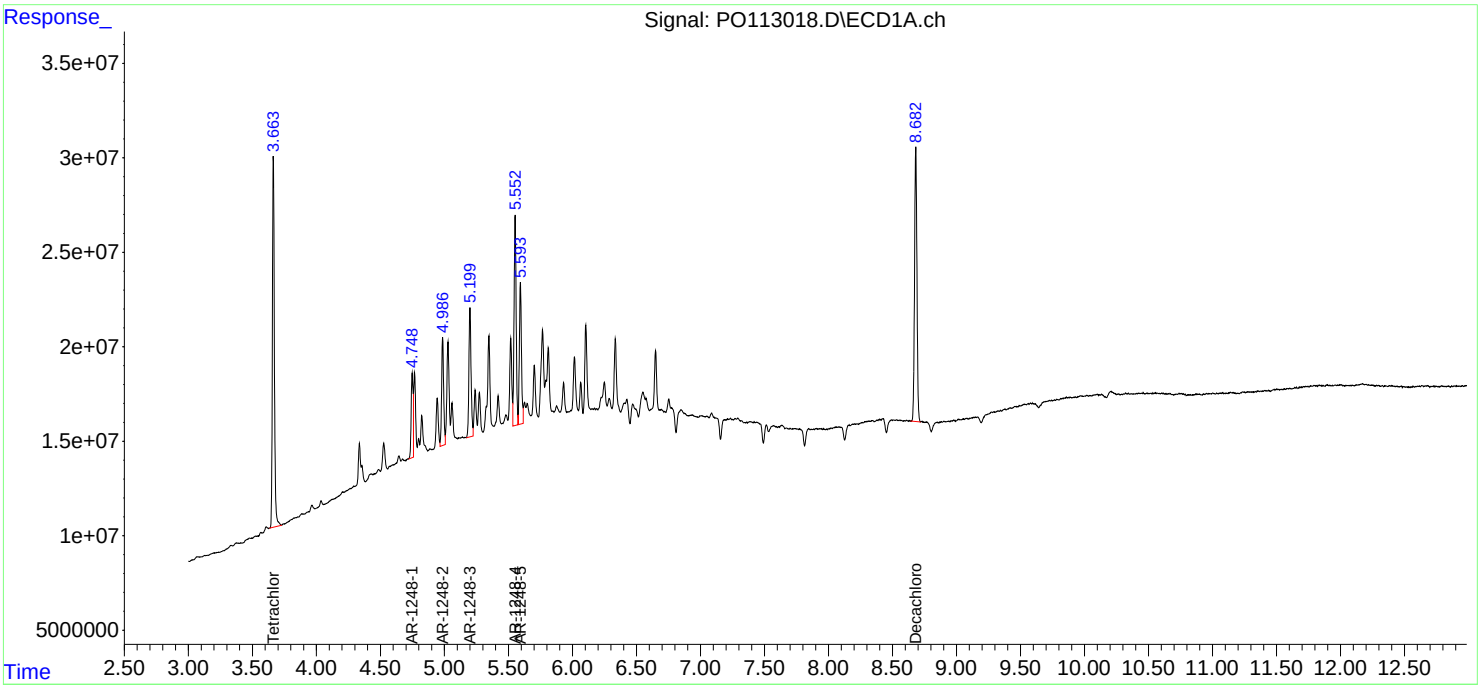
Quantitation Report (QT Reviewed)

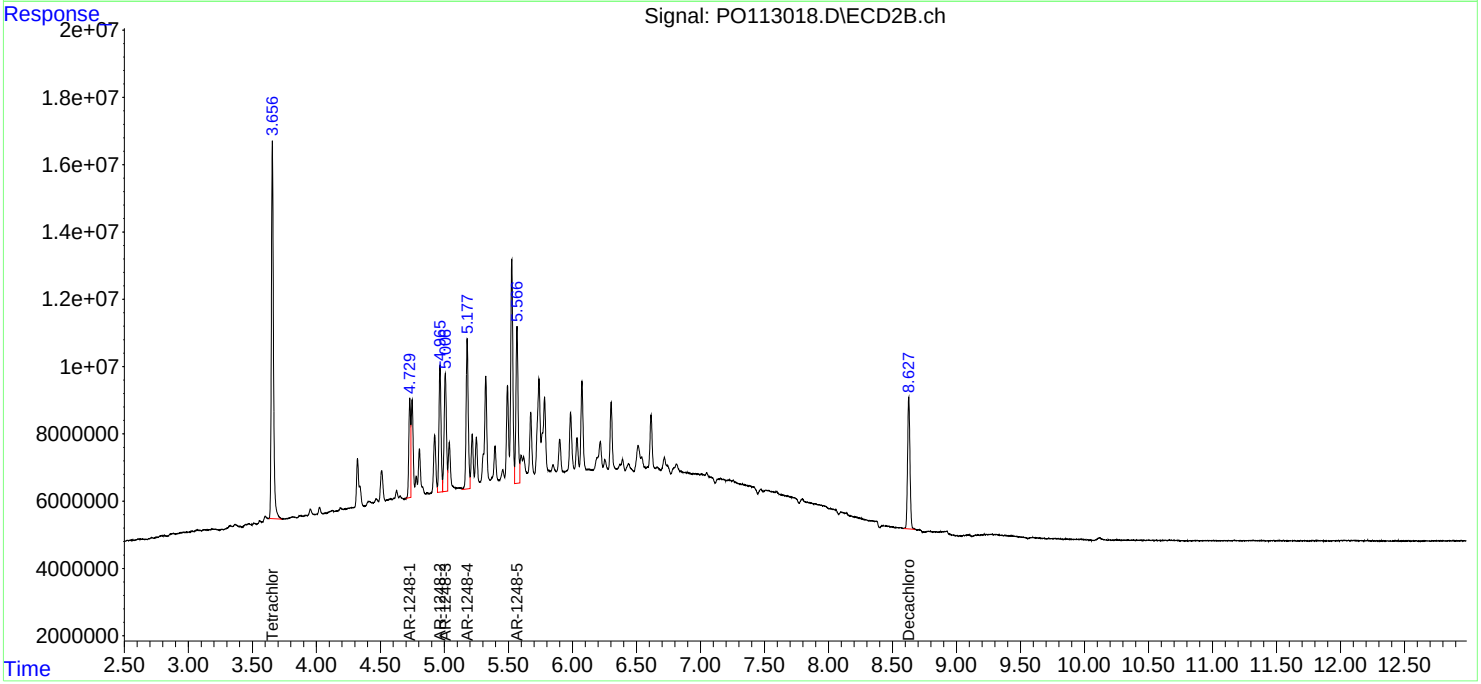
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:28
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:46
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	33541803	21100686	3.905	4.055
2)	SA Decachlor...	8.683	8.627	30379928	8654947	4.013	4.309
	Target Compounds						
21)	L5 AR-1248-1	4.748	4.729	7449194	5093554	40.477	43.566
22)	L5 AR-1248-2	4.986	4.964	11191763	8123784	45.290	49.714
23)	L5 AR-1248-3	5.200	5.006	16210491	8636665	49.180	49.911
24)	L5 AR-1248-4	5.553	5.176	25855584	9905263	50.864	48.344
25)	L5 AR-1248-5	5.593	5.567	17811440	11461135	51.137	54.112

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

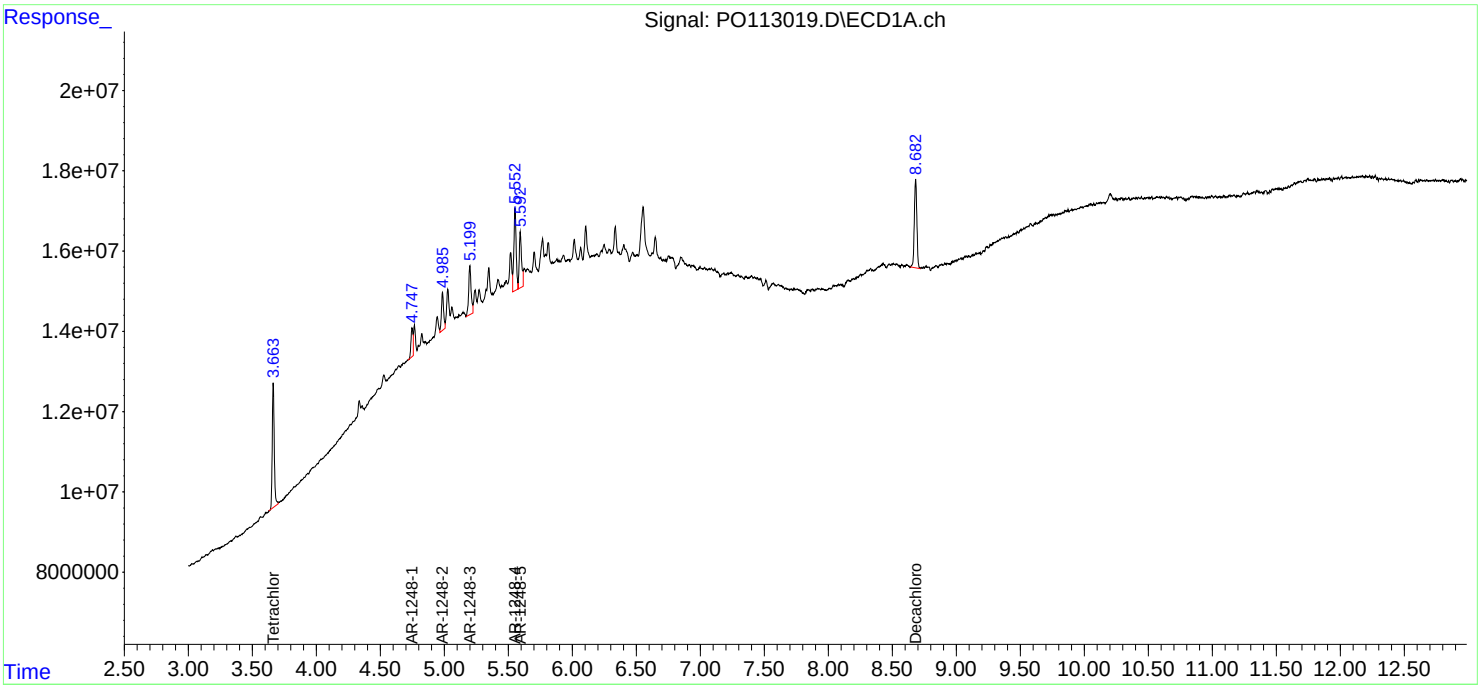
Quantitation Report (QT Reviewed)

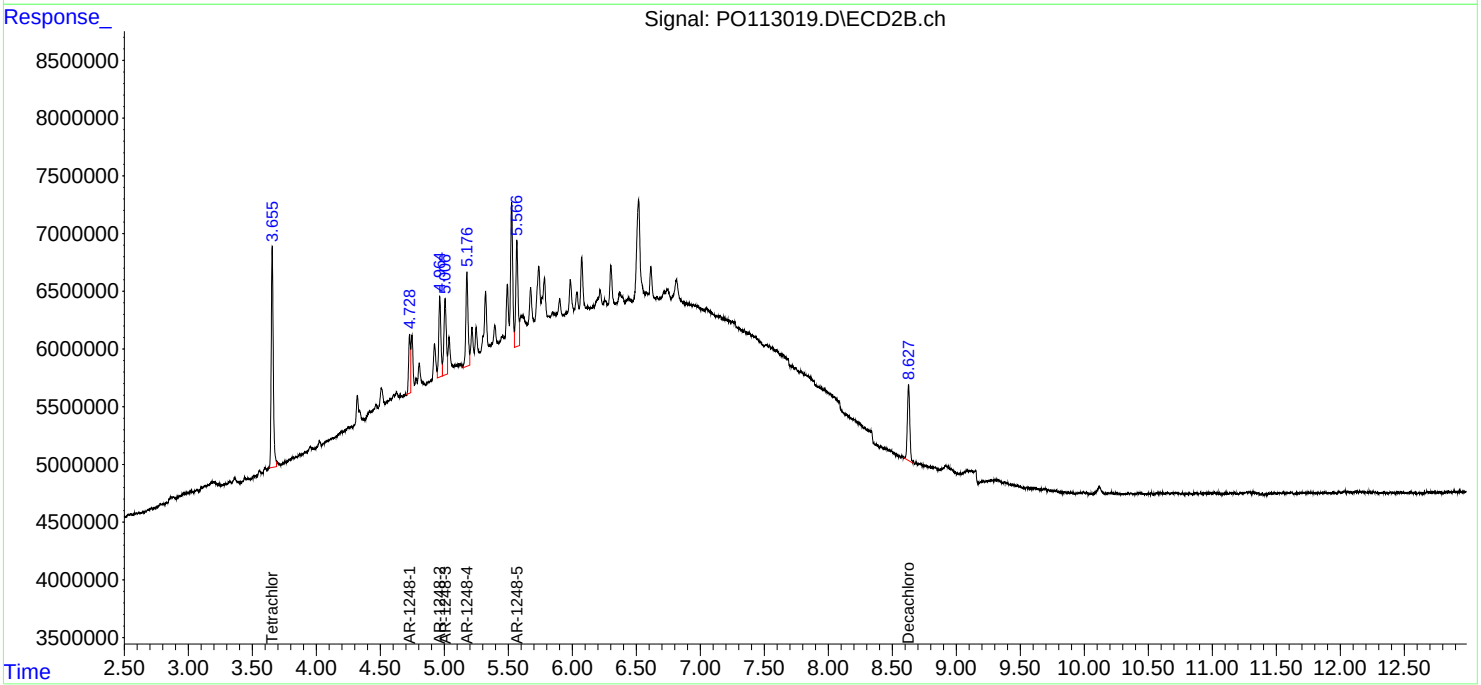
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:46
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:05
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: Aug 19 05:26:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	812.7E6	491.1E6	97.720	97.078
2)	SA Decachlor...	8.683	8.627	713.2E6	185.6E6	95.742	94.040
	Target Compounds						
26)	L6 AR-1254-1	5.552	5.525	499.6E6	288.8E6	947.625	926.947
27)	L6 AR-1254-2	5.702	5.673	454.6E6	255.0E6	947.600	921.953
28)	L6 AR-1254-3	6.104	6.073	711.1E6	394.7E6	962.469	948.598
29)	L6 AR-1254-4	6.334	6.302	533.0E6	258.2E6	963.574	943.828
30)	L6 AR-1254-5	6.752	6.717	688.0E6	325.5E6	979.998	925.920

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

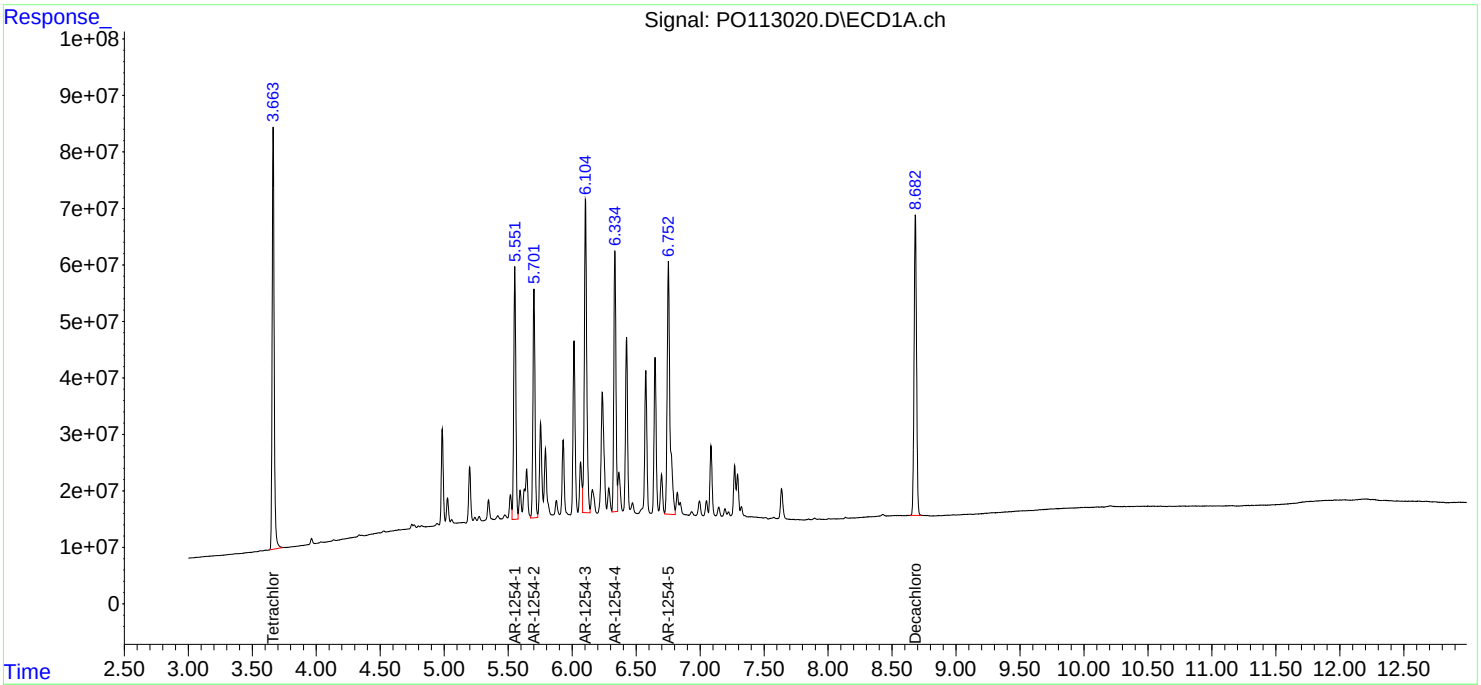
Quantitation Report (QT Reviewed)

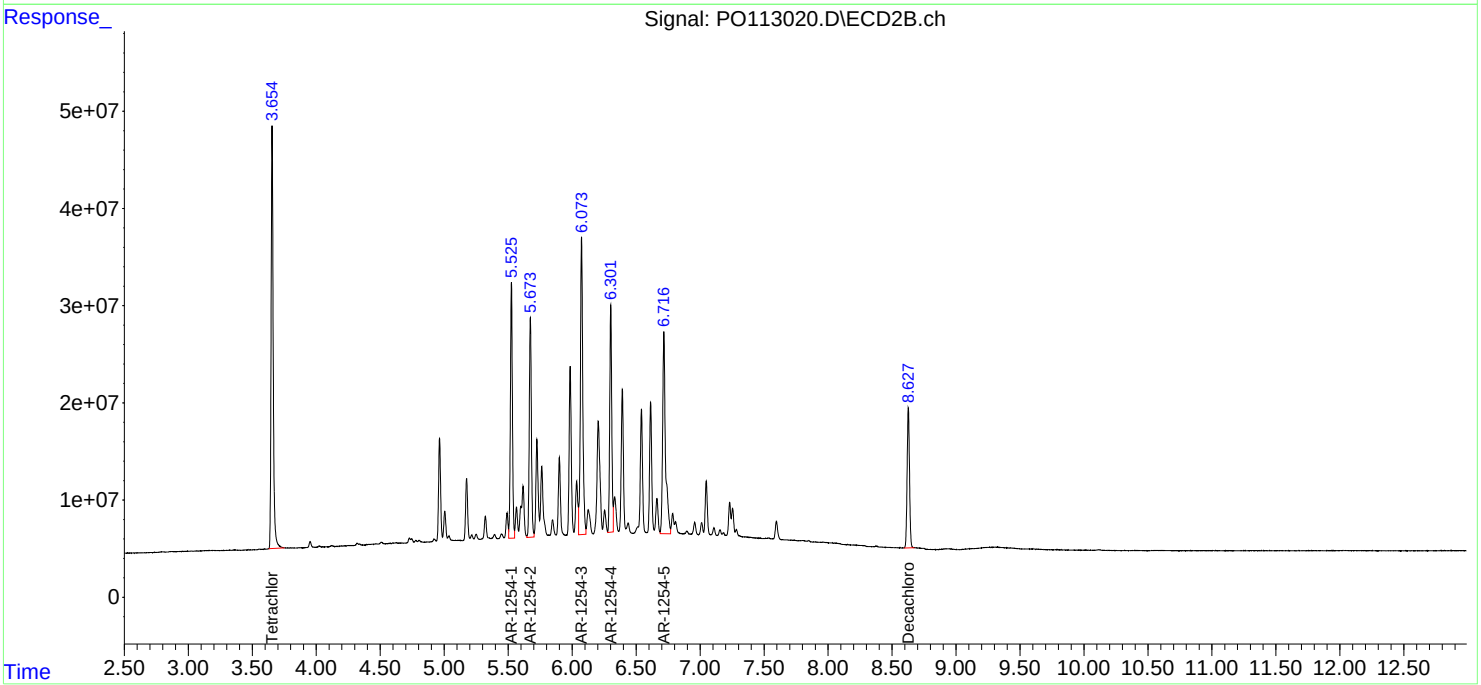
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:05
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:23
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: Aug 19 05:26:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	626.2E6	380.0E6	75.299	75.114
2)	SA Decachlor...	8.682	8.627	549.8E6	144.5E6	73.810	73.238
	Target Compounds						
26)	L6 AR-1254-1	5.553	5.526	386.5E6	227.1E6	733.198	728.784
27)	L6 AR-1254-2	5.702	5.674	348.3E6	199.6E6	725.877	721.726
28)	L6 AR-1254-3	6.105	6.074	545.9E6	306.0E6	738.816	735.459
29)	L6 AR-1254-4	6.335	6.302	411.4E6	201.5E6	743.727	736.386
30)	L6 AR-1254-5	6.753	6.717	523.4E6	253.4E6	745.575	720.993

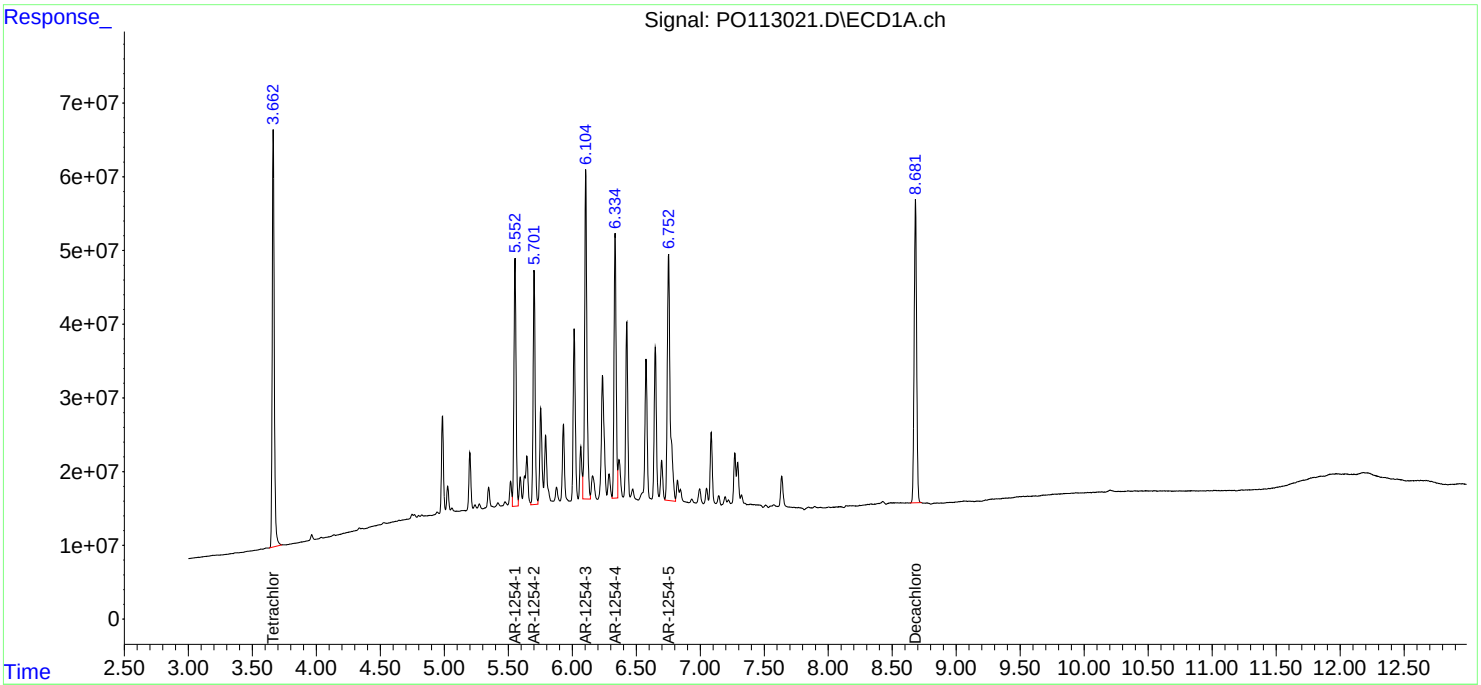
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

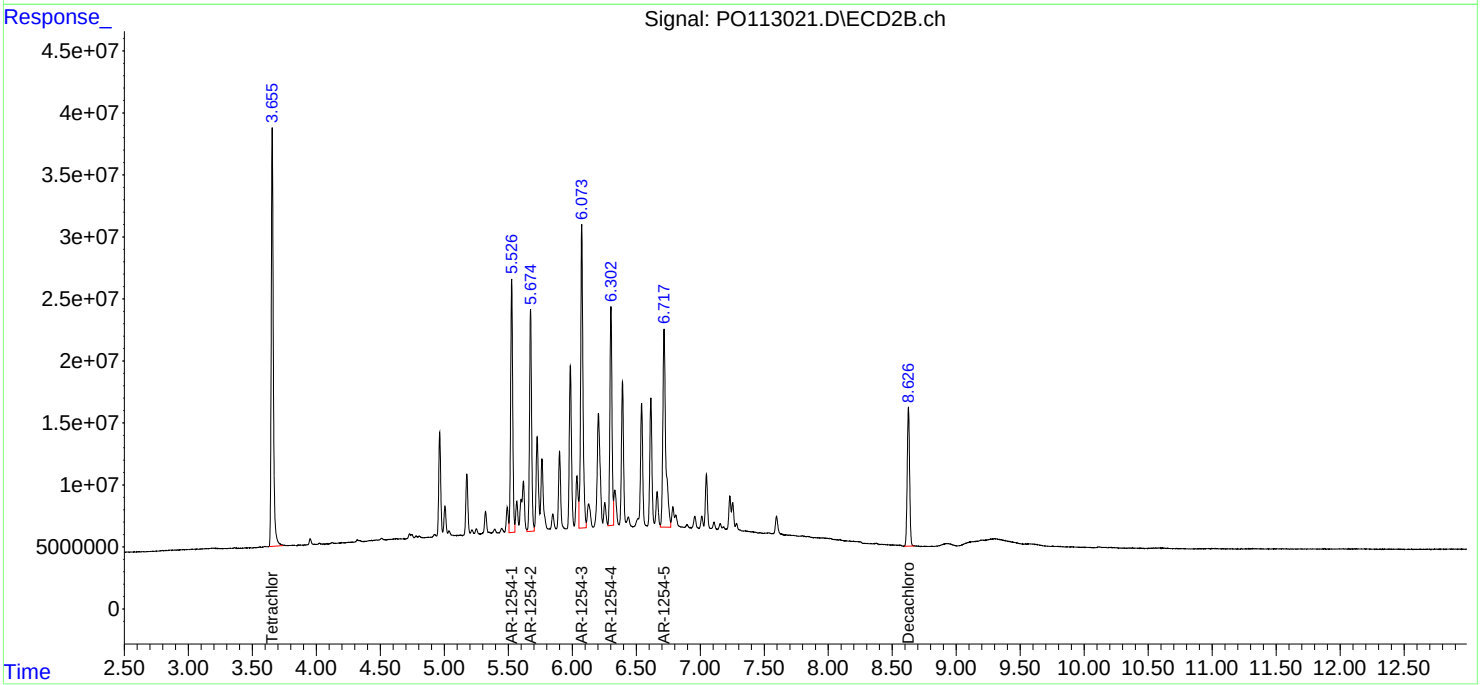
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:23
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:41
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: Aug 19 05:26:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.655	415.8E6	253.0E6	50.000	50.000
2)	SA Decachlor...	8.682	8.628	372.4E6	98659064	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.553	5.526	263.6E6	155.8E6	500.000	500.000
27)	L6 AR-1254-2	5.703	5.674	239.9E6	138.3E6	500.000	500.000
28)	L6 AR-1254-3	6.106	6.074	369.4E6	208.0E6	500.000	500.000
29)	L6 AR-1254-4	6.335	6.302	276.6E6	136.8E6	500.000	500.000
30)	L6 AR-1254-5	6.753	6.717	351.0E6	175.8E6	500.000	500.000

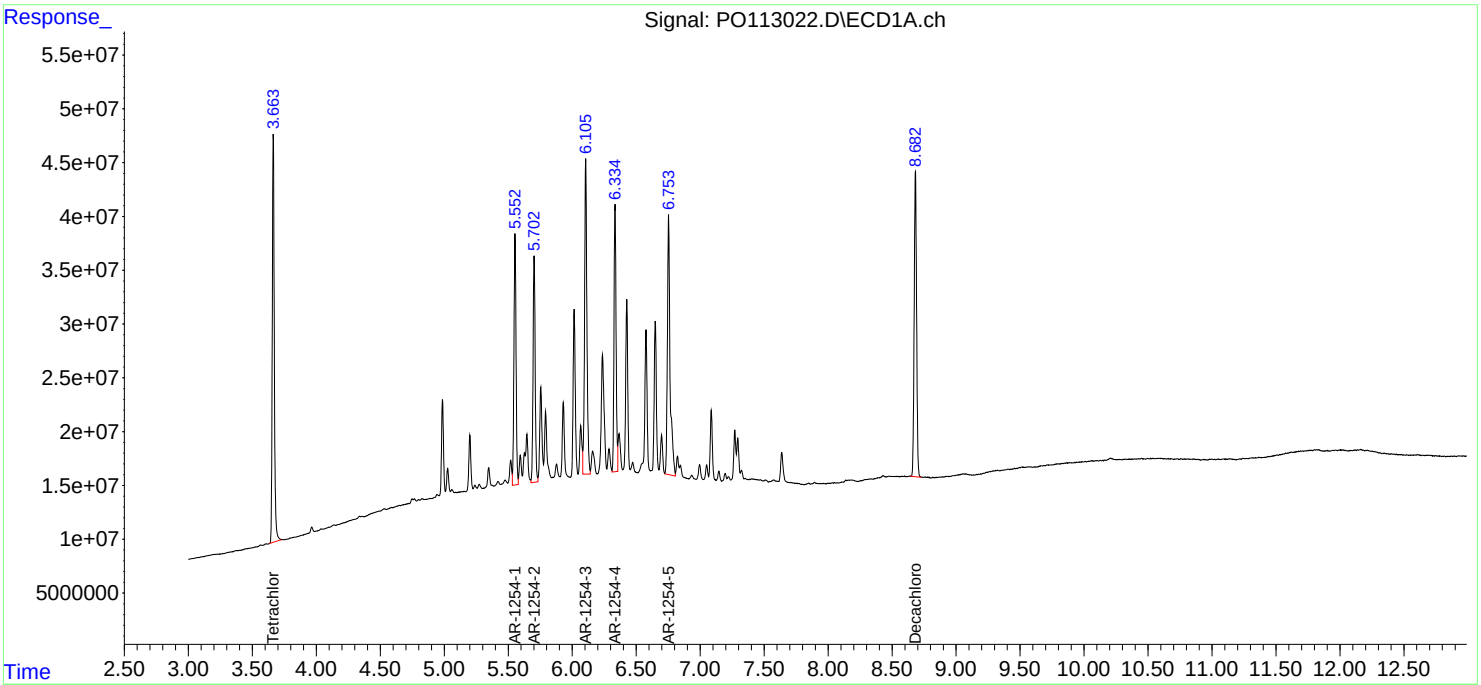
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

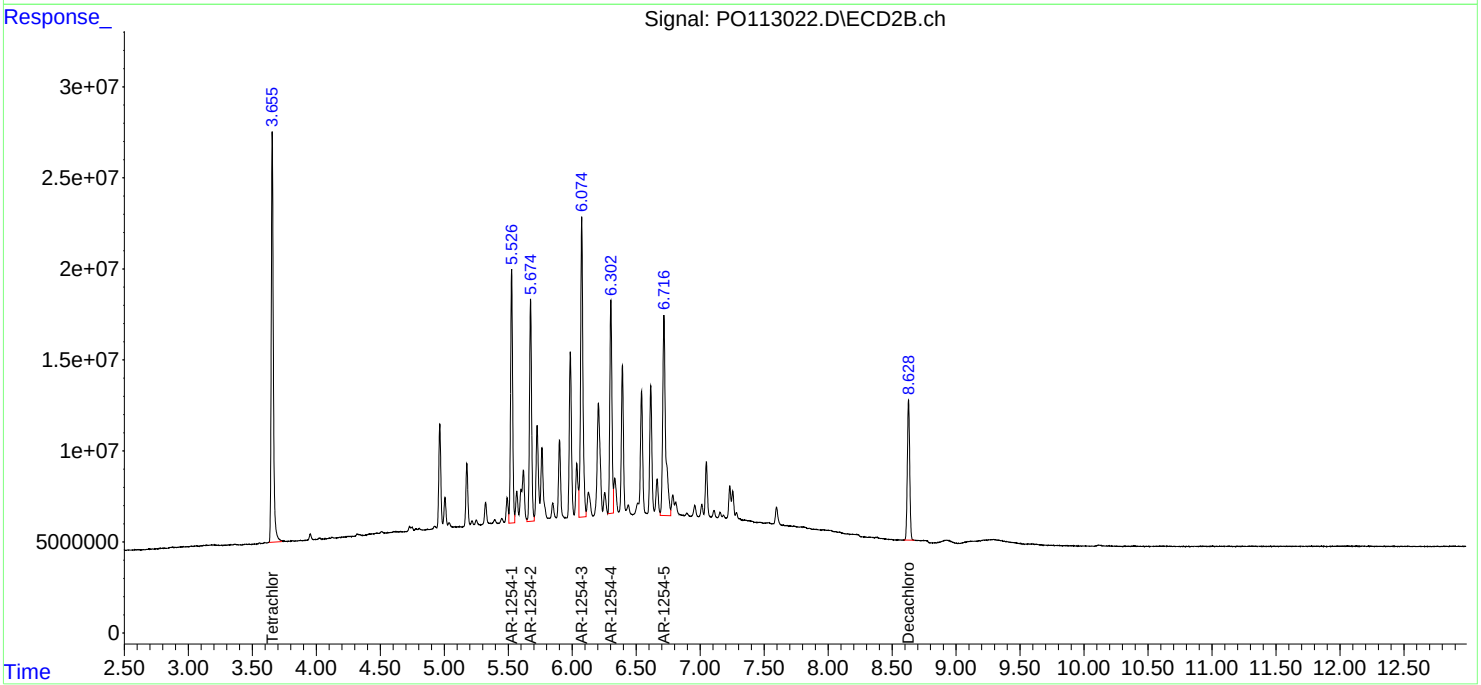
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:41
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:00
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: Aug 19 05:27:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.655	214.7E6	131.0E6	25.812	25.901
2)	SA Decachlor...	8.683	8.628	190.8E6	50985128	25.612	25.839
	Target Compounds						
26)	L6 AR-1254-1	5.552	5.526	140.8E6	84054640	267.180	269.741
27)	L6 AR-1254-2	5.702	5.674	128.2E6	75903732	267.296	274.413
28)	L6 AR-1254-3	6.105	6.074	194.5E6	111.6E6	263.210	268.245
29)	L6 AR-1254-4	6.335	6.301	144.8E6	72285443	261.698	264.202
30)	L6 AR-1254-5	6.753	6.717	185.2E6	92940208	263.747	264.394

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

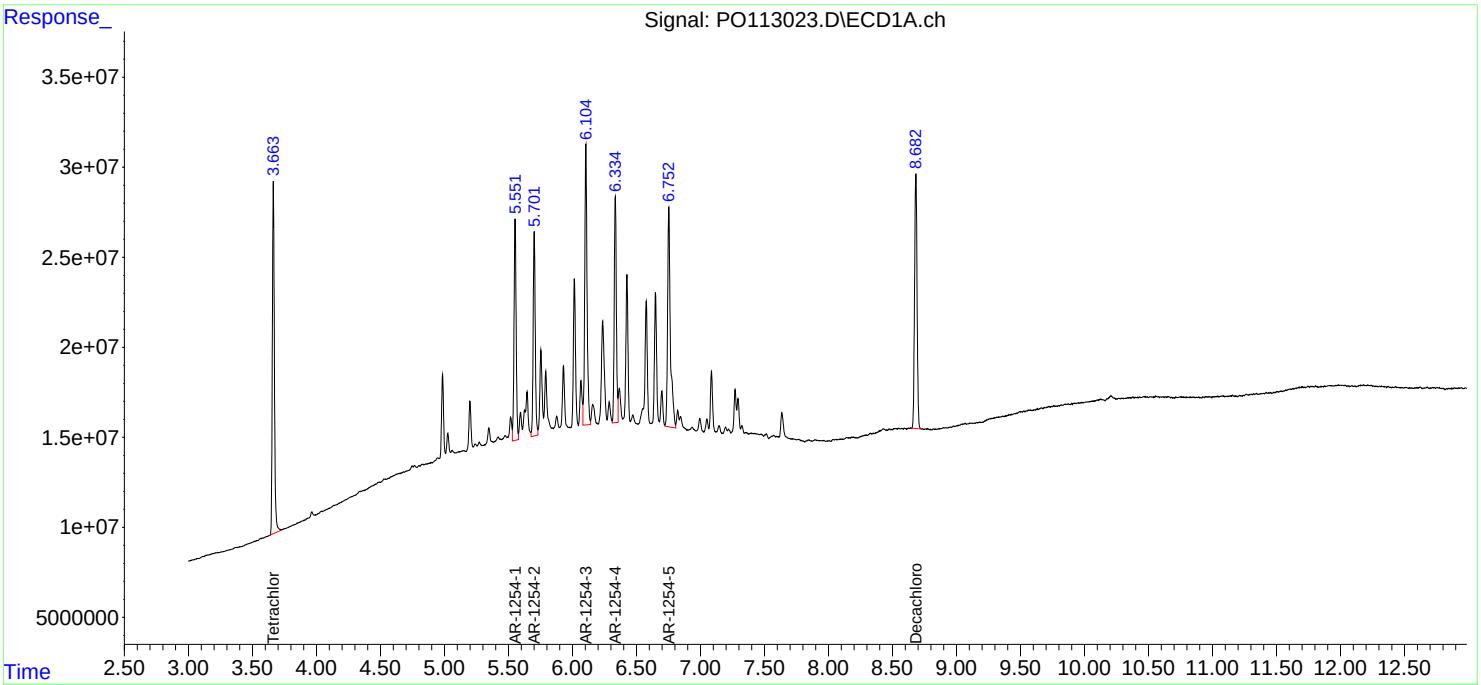
Quantitation Report (QT Reviewed)

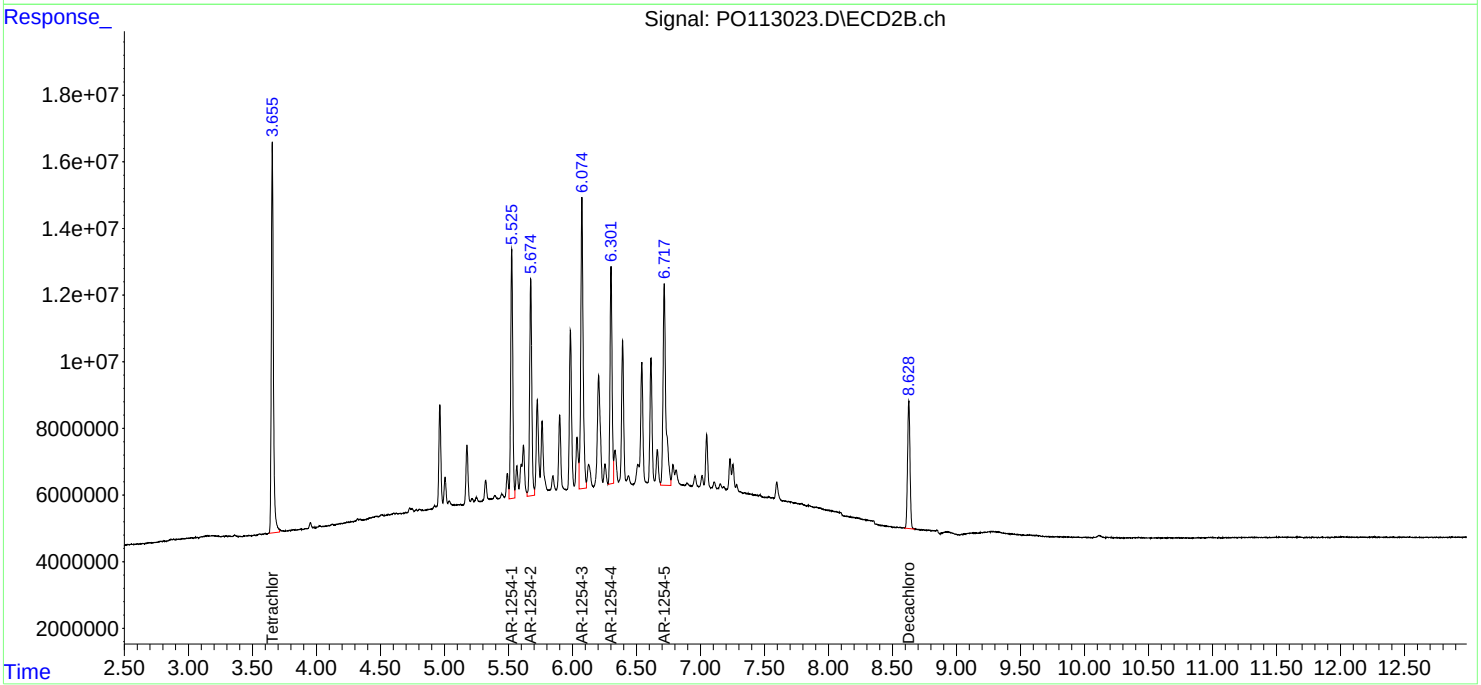
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:00
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	36489191	23352844	4.388	4.616
2)	SA Decachlor...	8.682	8.627	33466642	9234843	4.493	4.680
	Target Compounds						
26)	L6 AR-1254-1	5.553	5.525	29721929	16864555	56.381	54.120m
27)	L6 AR-1254-2	5.702	5.673	27777860	15014303	57.898	54.281m
28)	L6 AR-1254-3	6.105	6.073	36941091	20976378	50.000	50.419m
29)	L6 AR-1254-4	6.335	6.302	28558766	14228719	51.627	52.006
30)	L6 AR-1254-5	6.753	6.717	33818216	20038217	48.173	57.004

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

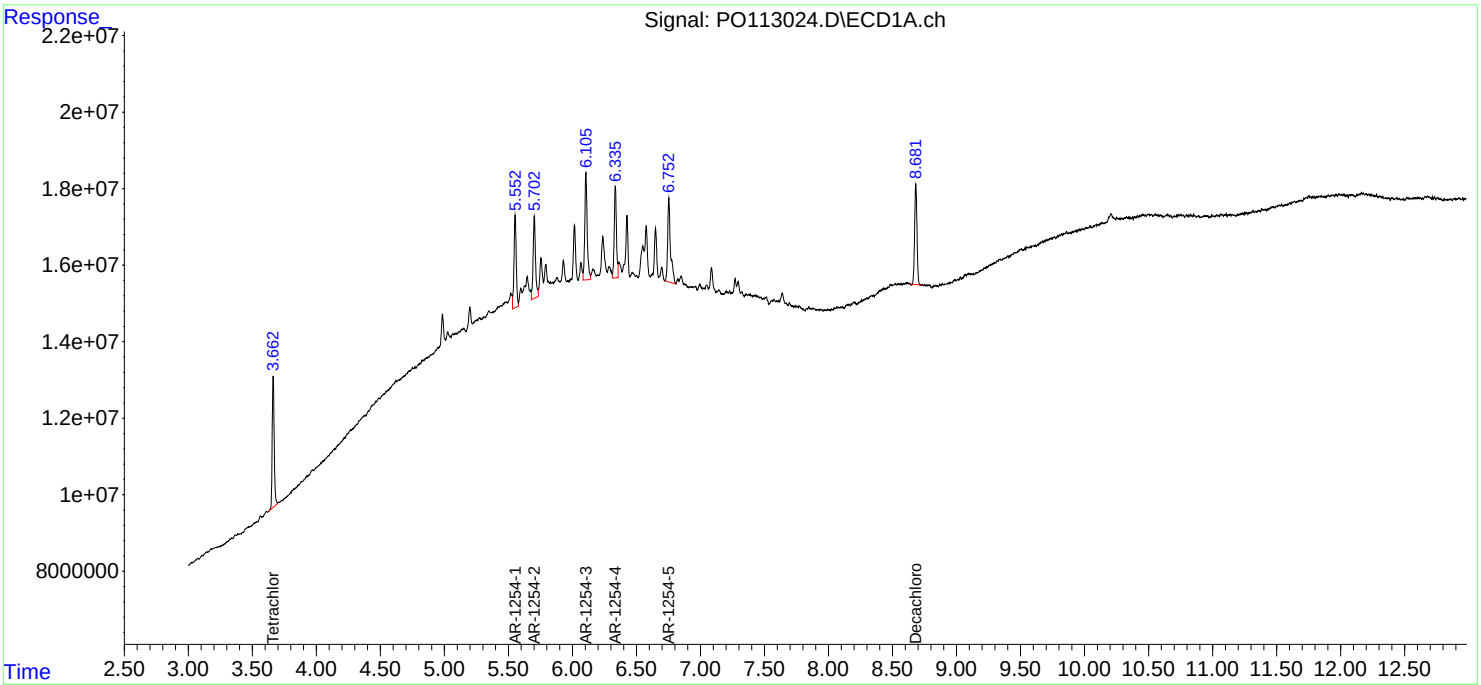
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

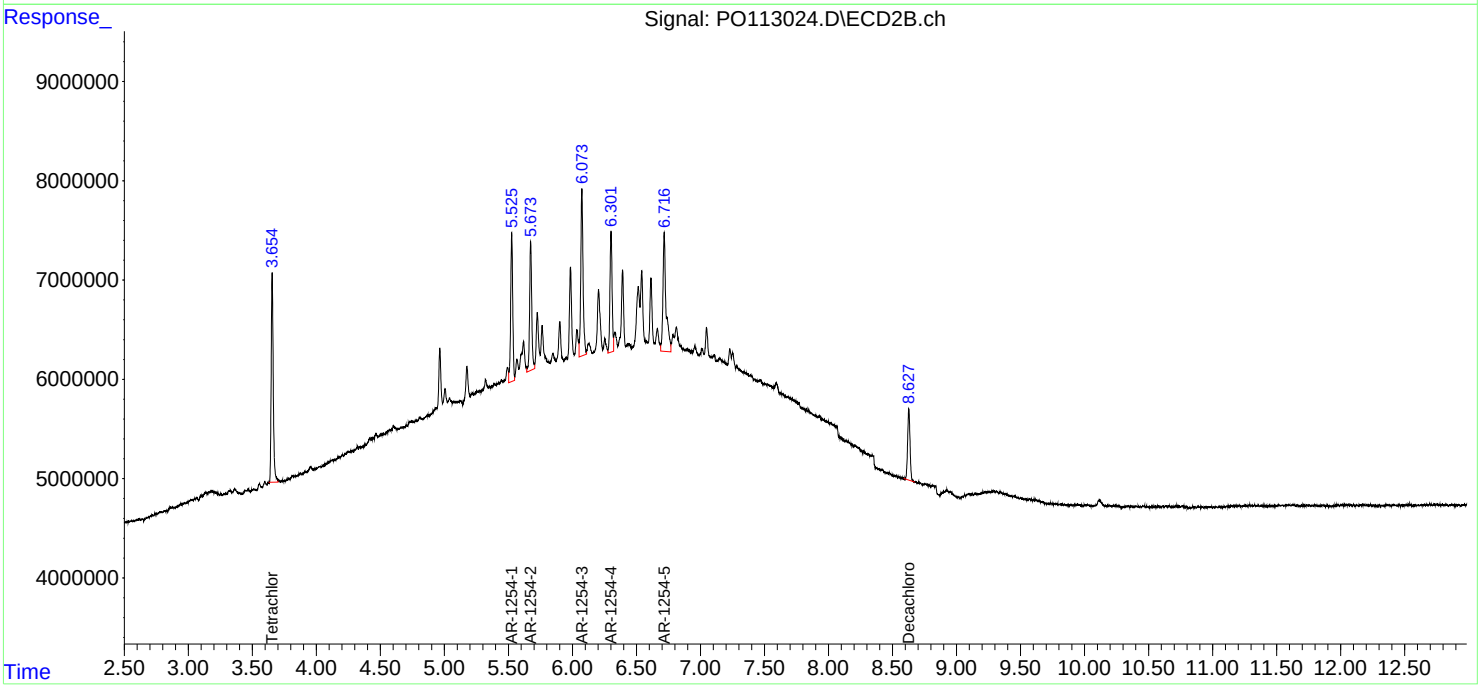
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:54
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: Aug 19 05:39:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:39:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.662	3.656	406.7E6	247.5E6	50.000	50.000
2)	SA Decachlor...	8.680	8.628	369.8E6	97697594	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.790	6.755	457.9E6	207.3E6	500.000	500.000
37)	L8 AR-1262-2	7.292	7.255	756.1E6	258.8E6	500.000	500.000
38)	L8 AR-1262-3	7.575	7.536	277.1E6	89795239	500.000	500.000
39)	L8 AR-1262-4	7.639	7.600	489.0E6	145.0E6	500.000	500.000
40)	L8 AR-1262-5	8.135	8.092	208.4E6	54165644	500.000	500.000

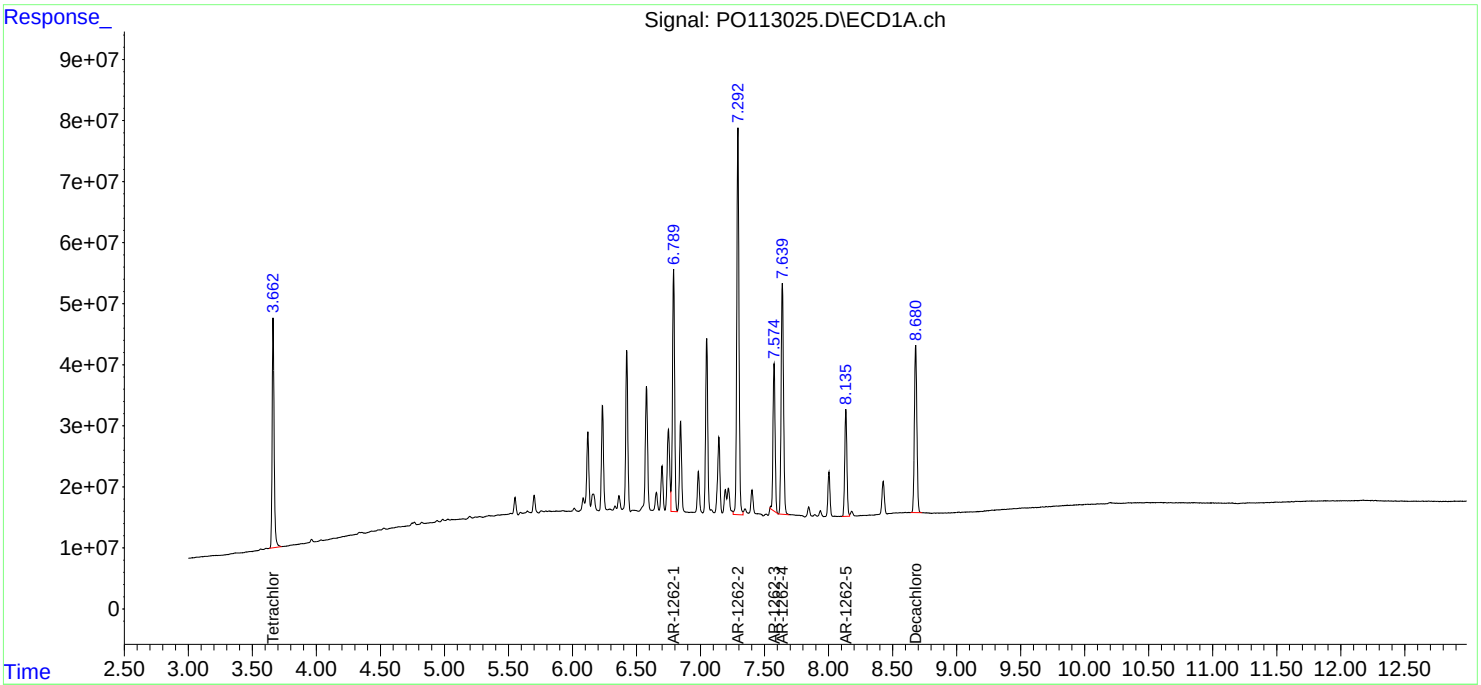
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

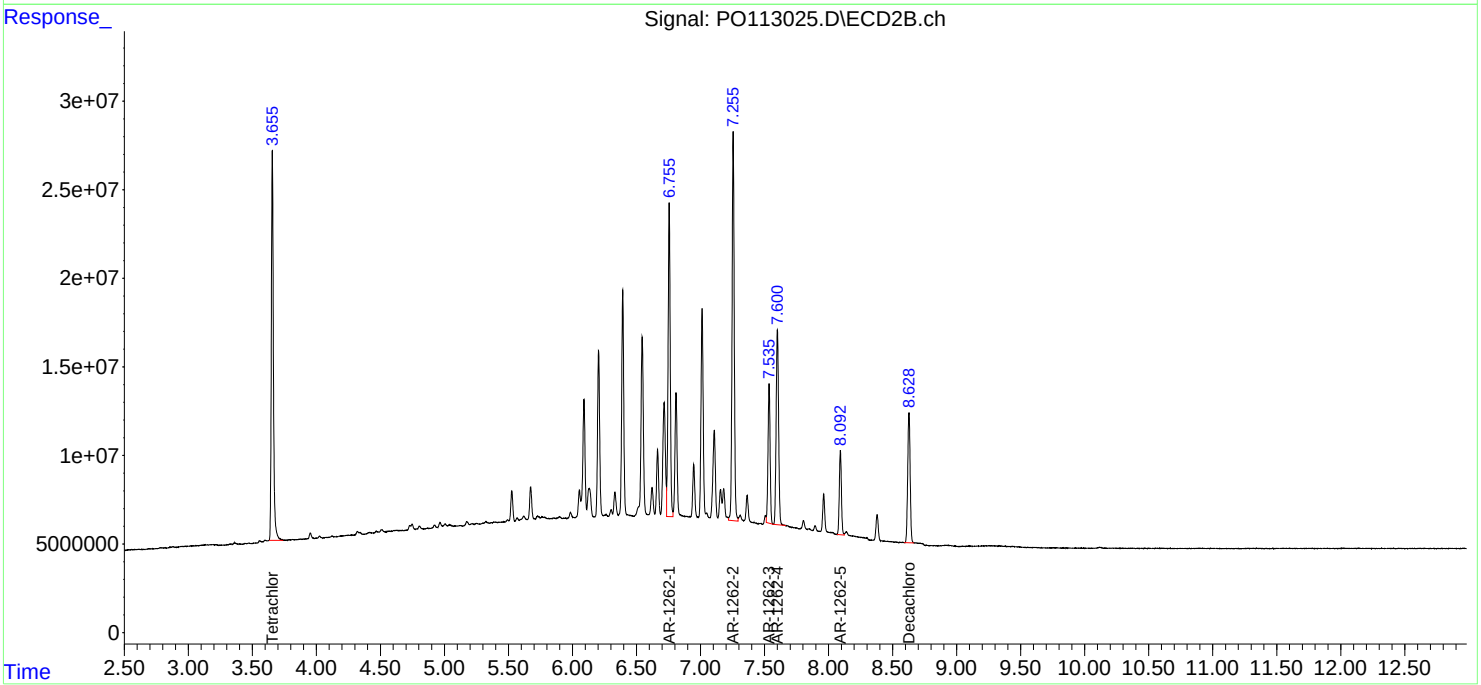
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:54
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:39:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:39:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:12
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: Aug 19 05:48:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.664	3.656	838.3E6	509.2E6	98.889	99.430
2)	SA Decachlor...	8.682	8.627	1357.3E6	346.9E6	97.480	96.565
	Target Compounds						
41)	L9 AR-1268-1	7.577	7.537	1761.0E6	505.3E6	976.230	954.513
42)	L9 AR-1268-2	7.642	7.602	1477.2E6	411.8E6	973.638	954.016
43)	L9 AR-1268-3	7.846	7.805	1233.6E6	321.7E6	970.801	947.705
44)	L9 AR-1268-4	8.137	8.092	475.8E6	120.3E6	998.193	977.393
45)	L9 AR-1268-5	8.428	8.379	3340.5E6	793.7E6	996.727	976.596

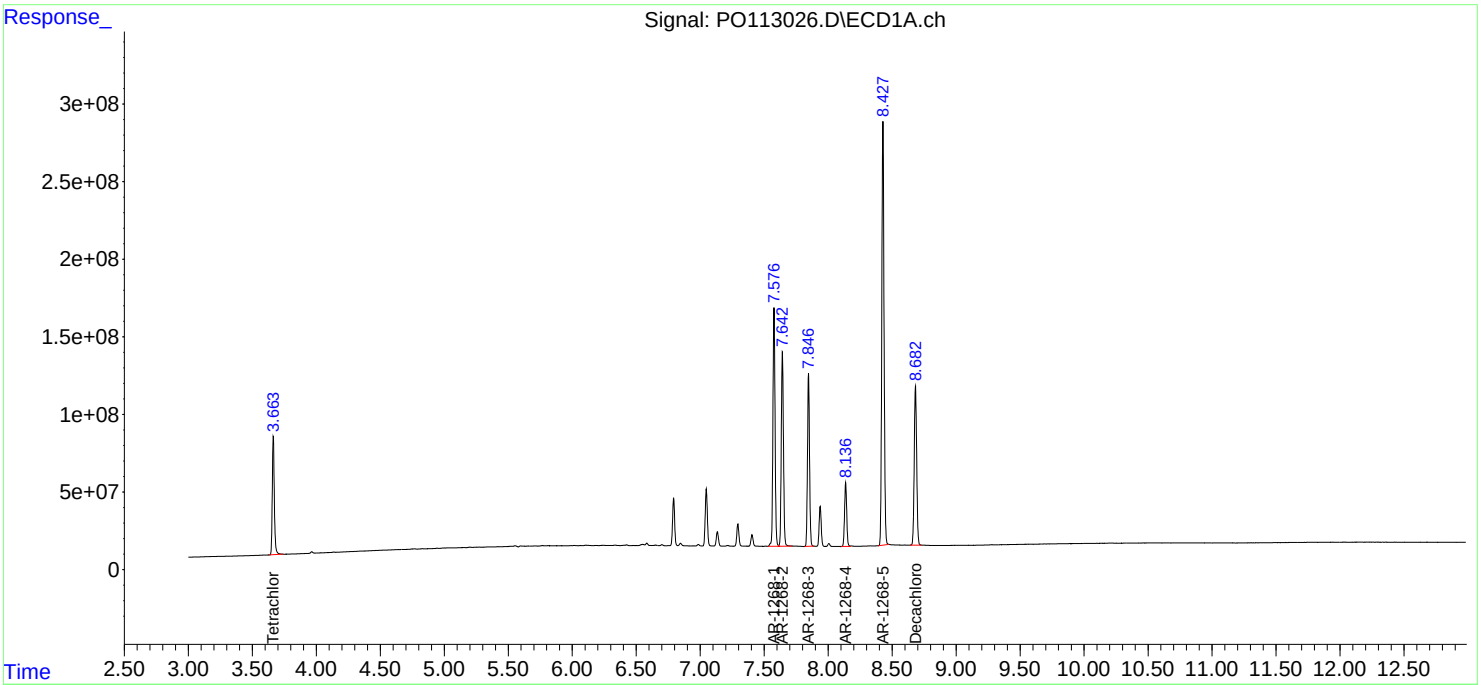
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

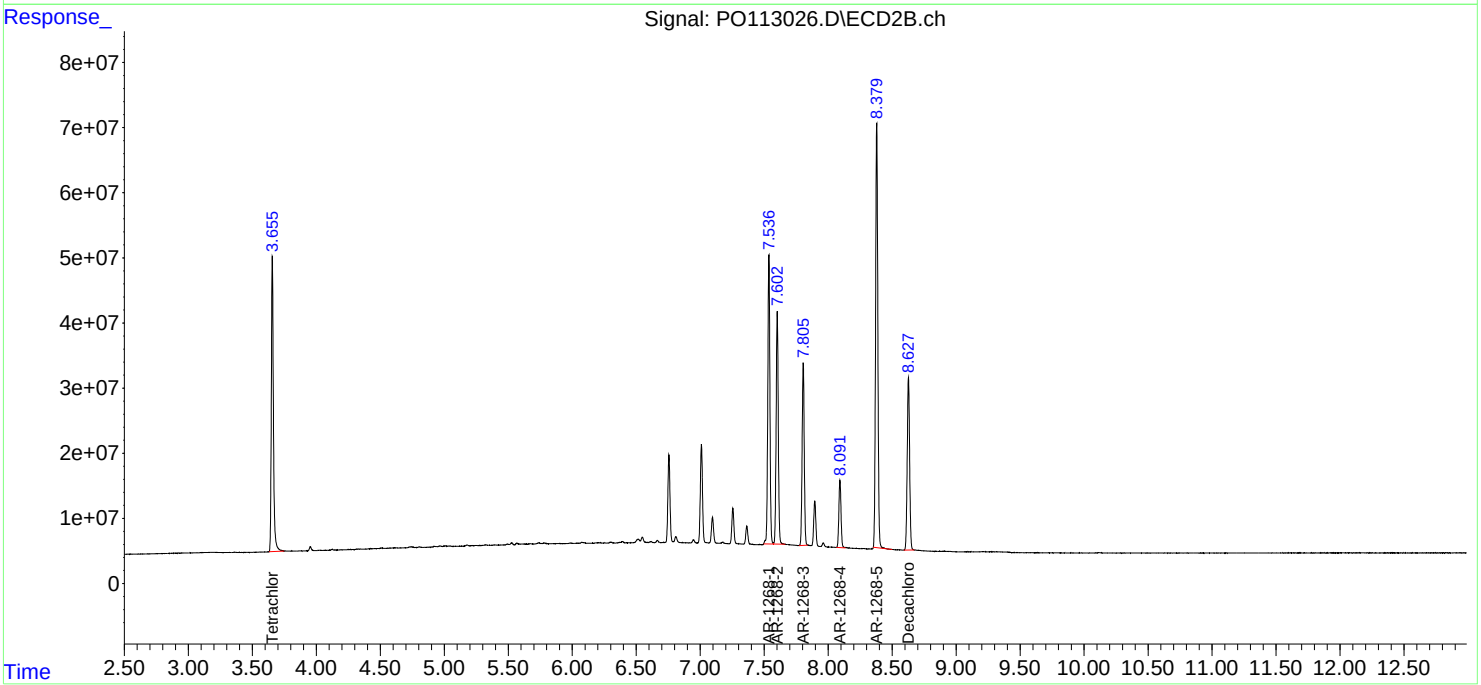
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:12
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:48:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:30
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: Aug 19 05:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.661	3.655	635.0E6	385.8E6	74.903	75.334
2)	SA Decachlor...	8.679	8.626	1024.0E6	262.4E6	73.544	73.041
	Target Compounds						
41)	L9 AR-1268-1	7.573	7.535	1330.9E6	375.0E6	737.820	708.257
42)	L9 AR-1268-2	7.639	7.601	1119.3E6	306.5E6	737.779	709.930
43)	L9 AR-1268-3	7.844	7.804	934.0E6	240.8E6	734.989	709.221
44)	L9 AR-1268-4	8.133	8.092	359.4E6	91683621	754.004	744.876
45)	L9 AR-1268-5	8.426	8.378	2501.0E6	597.6E6	746.242	735.293

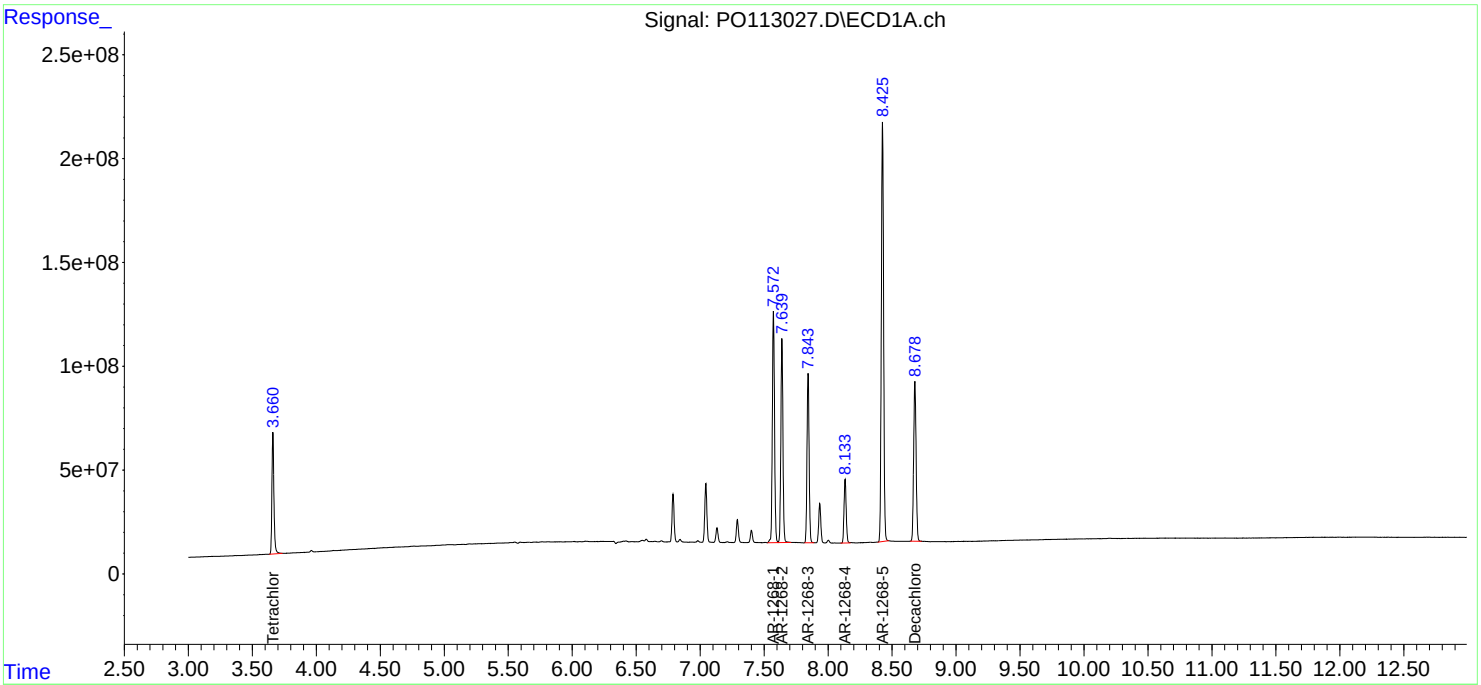
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

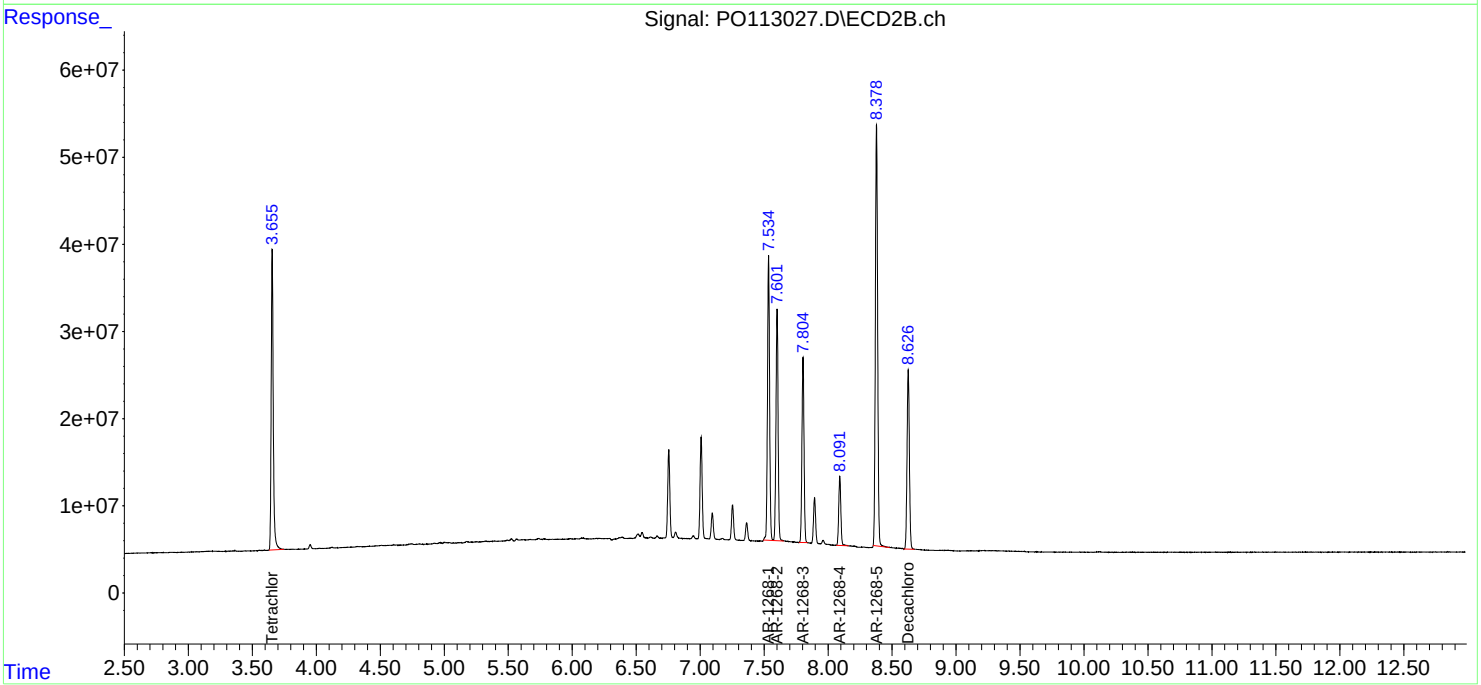
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:30
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:48
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: Aug 19 05:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.655	423.9E6	256.0E6	50.000	50.000
2)	SA Decachlor...	8.682	8.628	696.2E6	179.6E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.575	7.536	901.9E6	264.7E6	500.000	500.000
42)	L9 AR-1268-2	7.641	7.602	758.6E6	215.8E6	500.000	500.000
43)	L9 AR-1268-3	7.846	7.805	635.4E6	169.7E6	500.000	500.000
44)	L9 AR-1268-4	8.136	8.092	238.3E6	61542864	500.000	500.000
45)	L9 AR-1268-5	8.428	8.379	1675.8E6	406.3E6	500.000	500.000

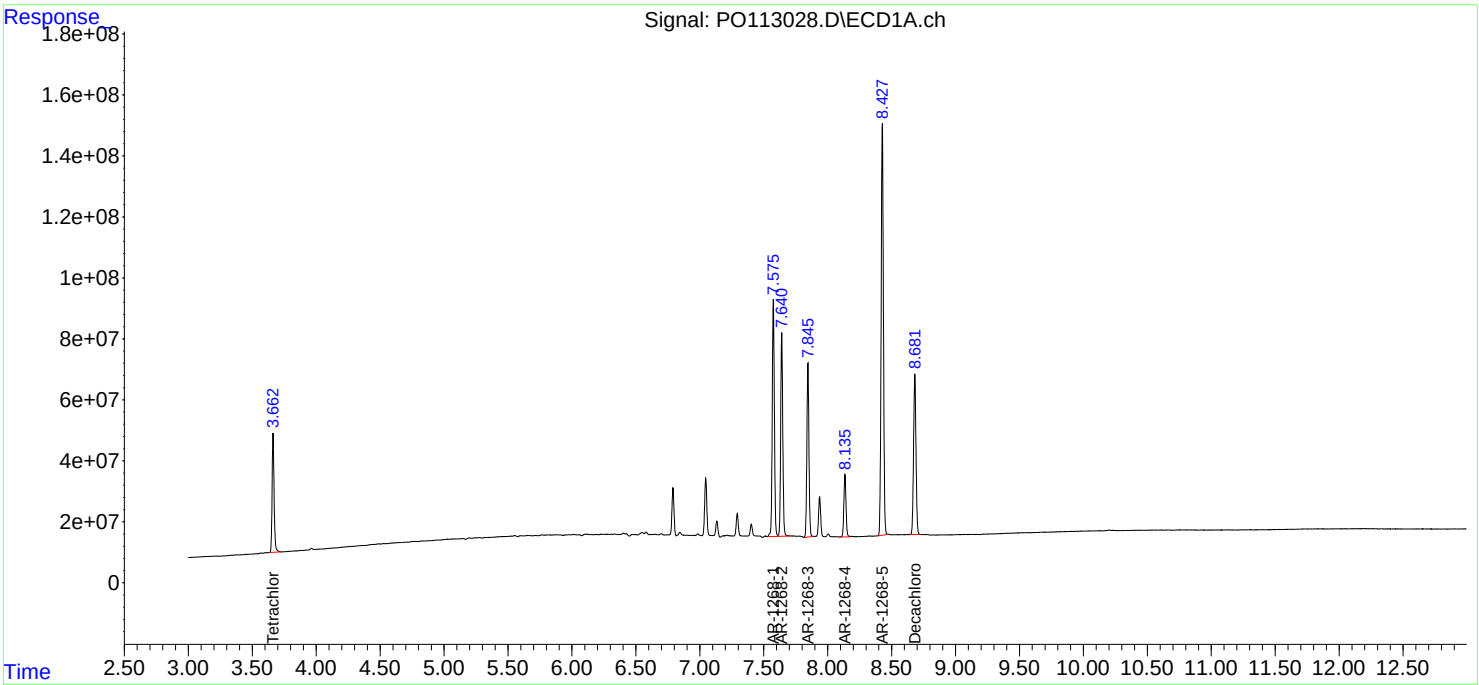
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

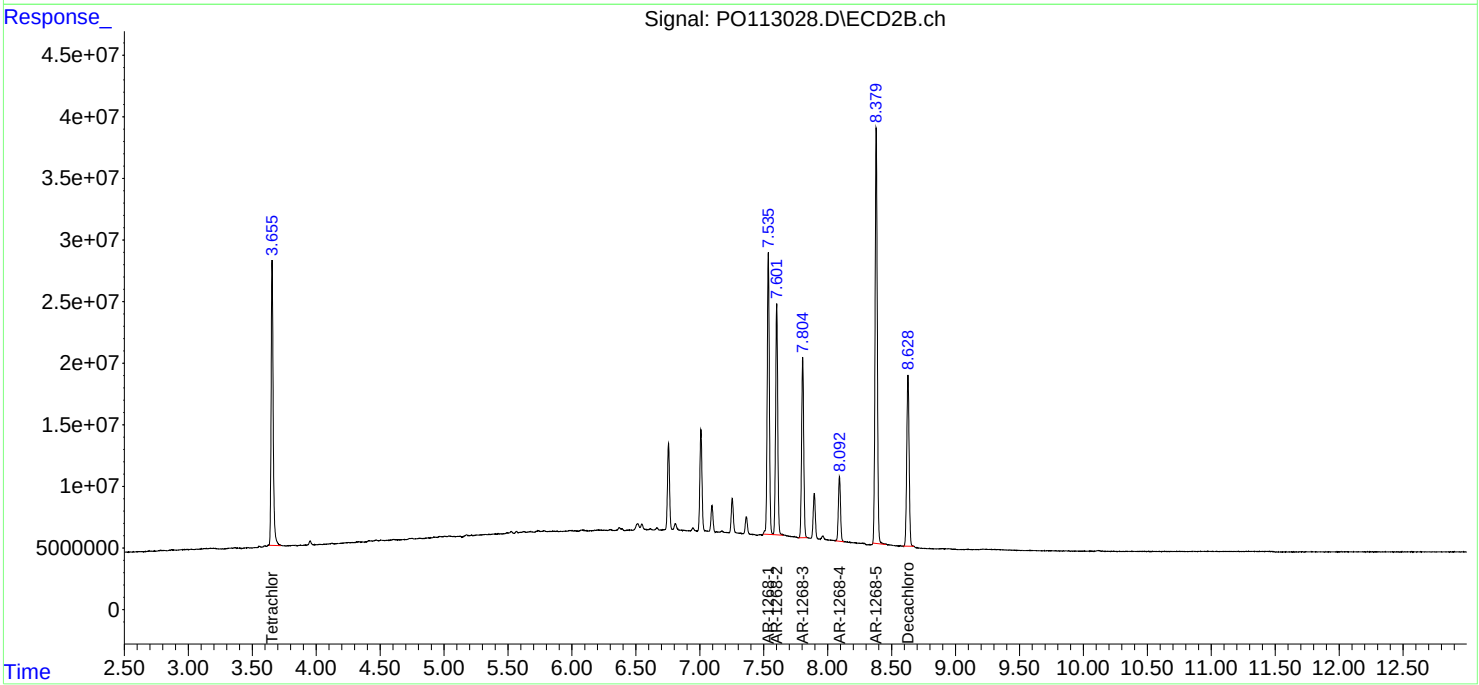
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:48
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:06
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: Aug 19 05:49:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.662	3.655	218.2E6	134.2E6	25.738	26.208
2)	SA Decachlor...	8.680	8.627	354.7E6	93434698	25.474	26.012
	Target Compounds						
41)	L9 AR-1268-1	7.575	7.535	460.2E6	137.9E6	255.114	260.436
42)	L9 AR-1268-2	7.640	7.601	386.9E6	111.5E6	255.045	258.314
43)	L9 AR-1268-3	7.845	7.804	322.8E6	88262994	254.068	260.005
44)	L9 AR-1268-4	8.134	8.091	123.3E6	32445037	258.588	263.597
45)	L9 AR-1268-5	8.427	8.378	843.4E6	208.8E6	251.661	256.901

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

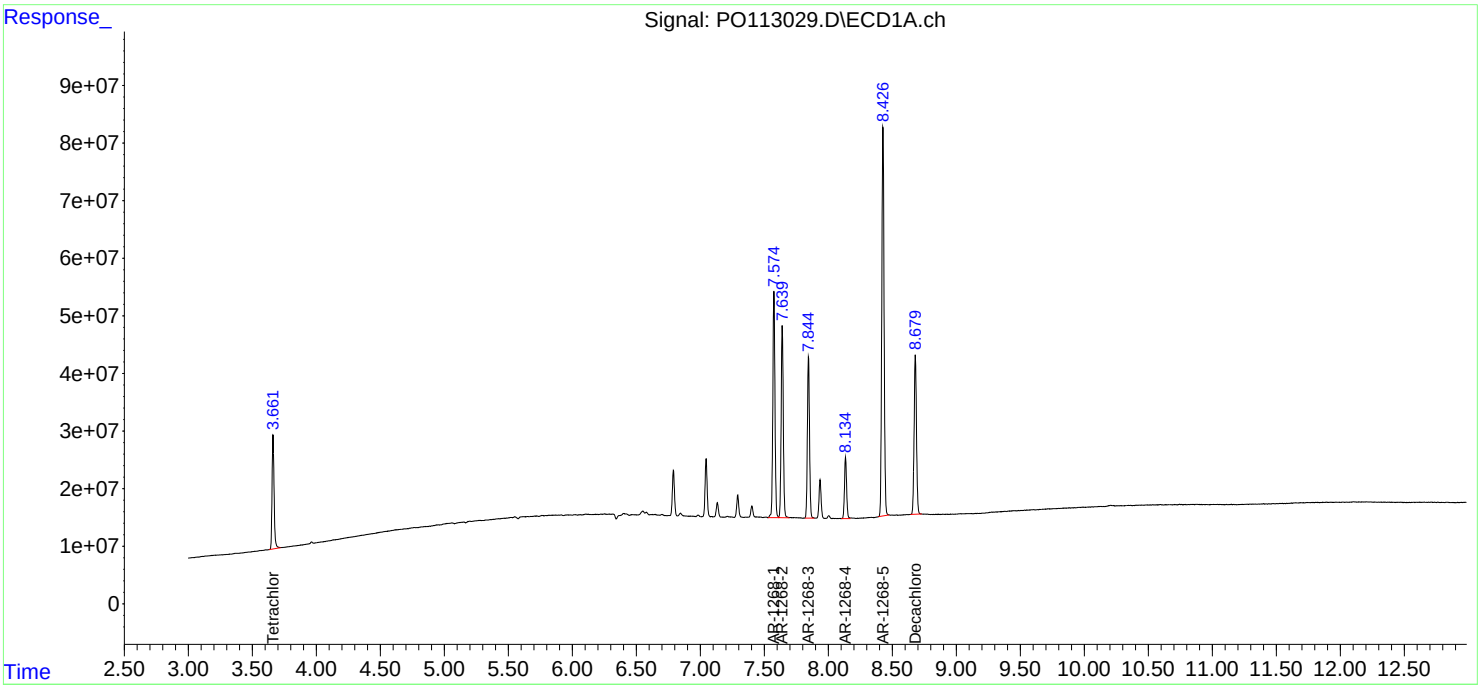
Quantitation Report (QT Reviewed)

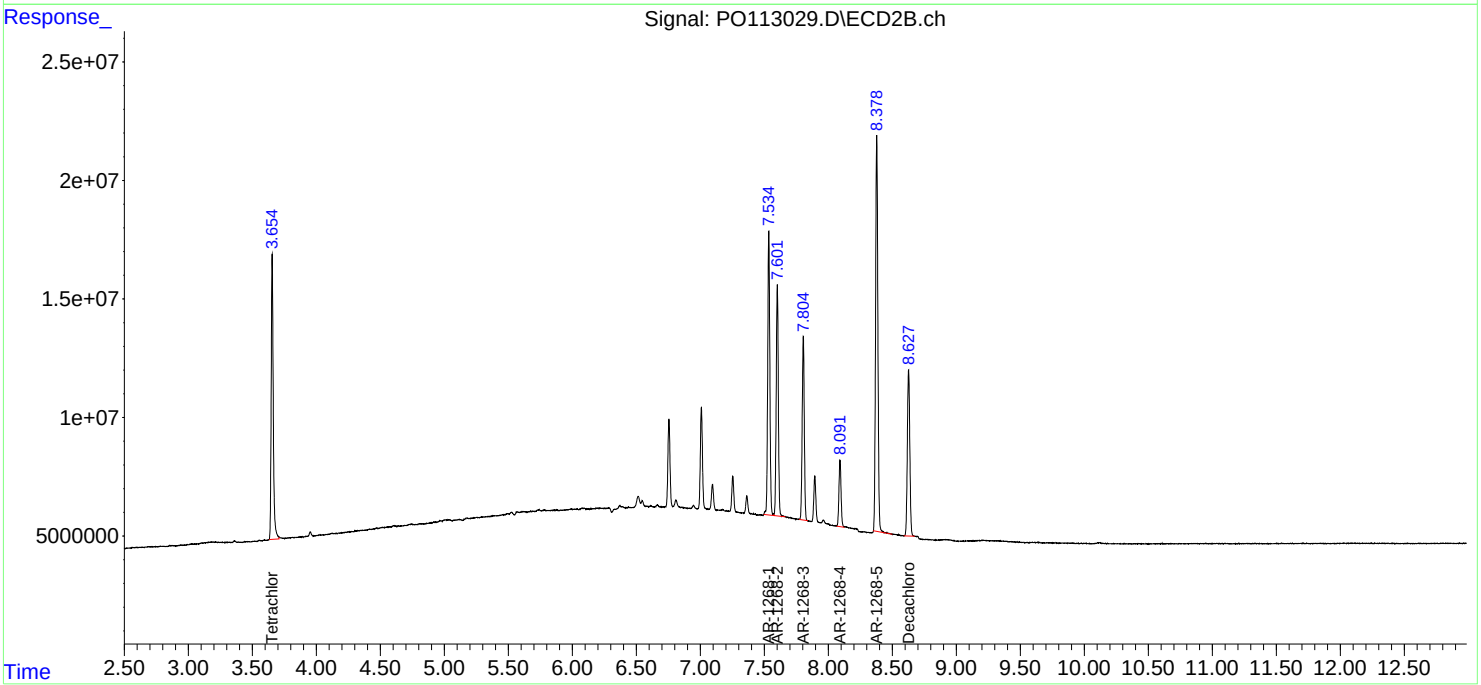
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:06
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.663	3.656	32740210	20644764	3.862	4.031
2)	SA Decachlor...	8.681	8.627	55179728	14960600	3.963	4.165
	Target Compounds						
41)	L9 AR-1268-1	7.575	7.535	71207184	23057642	39.474	43.554
42)	L9 AR-1268-2	7.641	7.600	60309550	18942723	39.752	43.882
43)	L9 AR-1268-3	7.845	7.803	49529084	14865130	38.977	43.790
44)	L9 AR-1268-4	8.136	8.091	18929121	5337454	39.711	43.364
45)	L9 AR-1268-5	8.426	8.378	127.1E6	33329844	37.916	41.012m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

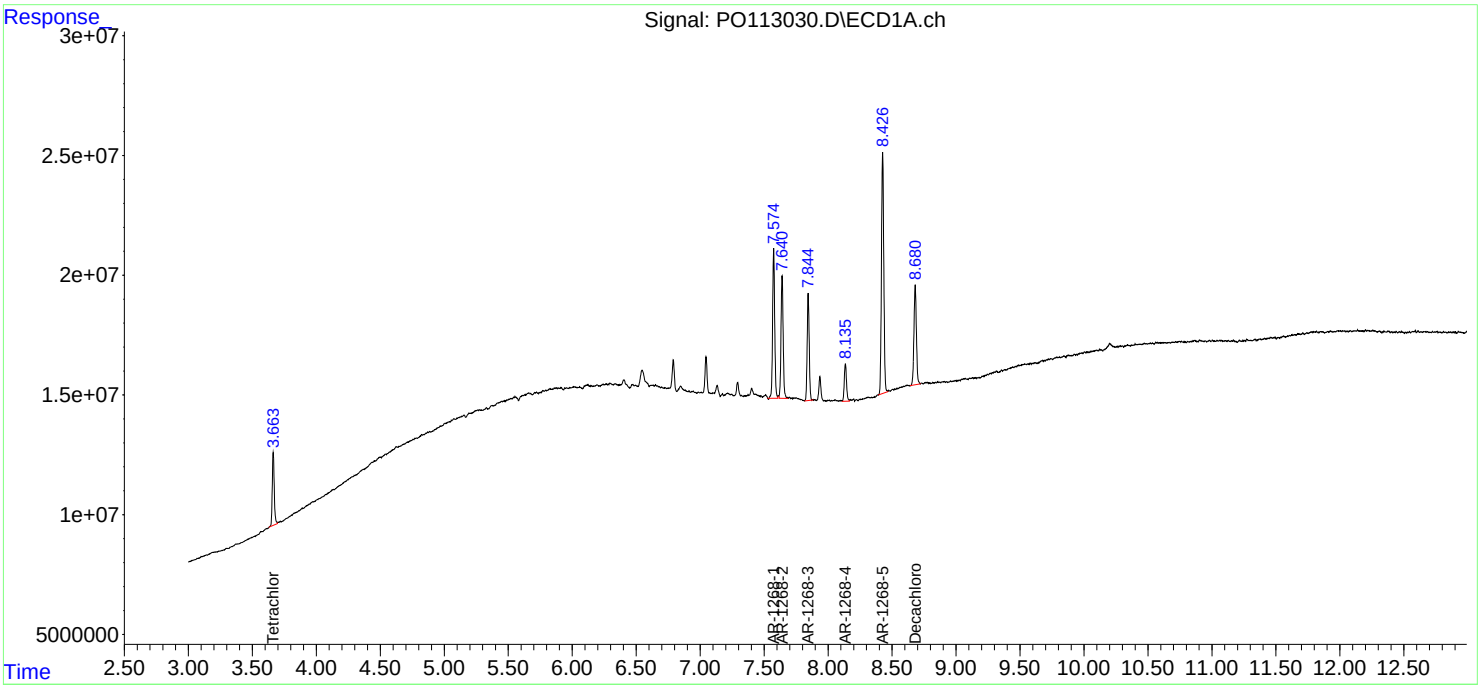
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

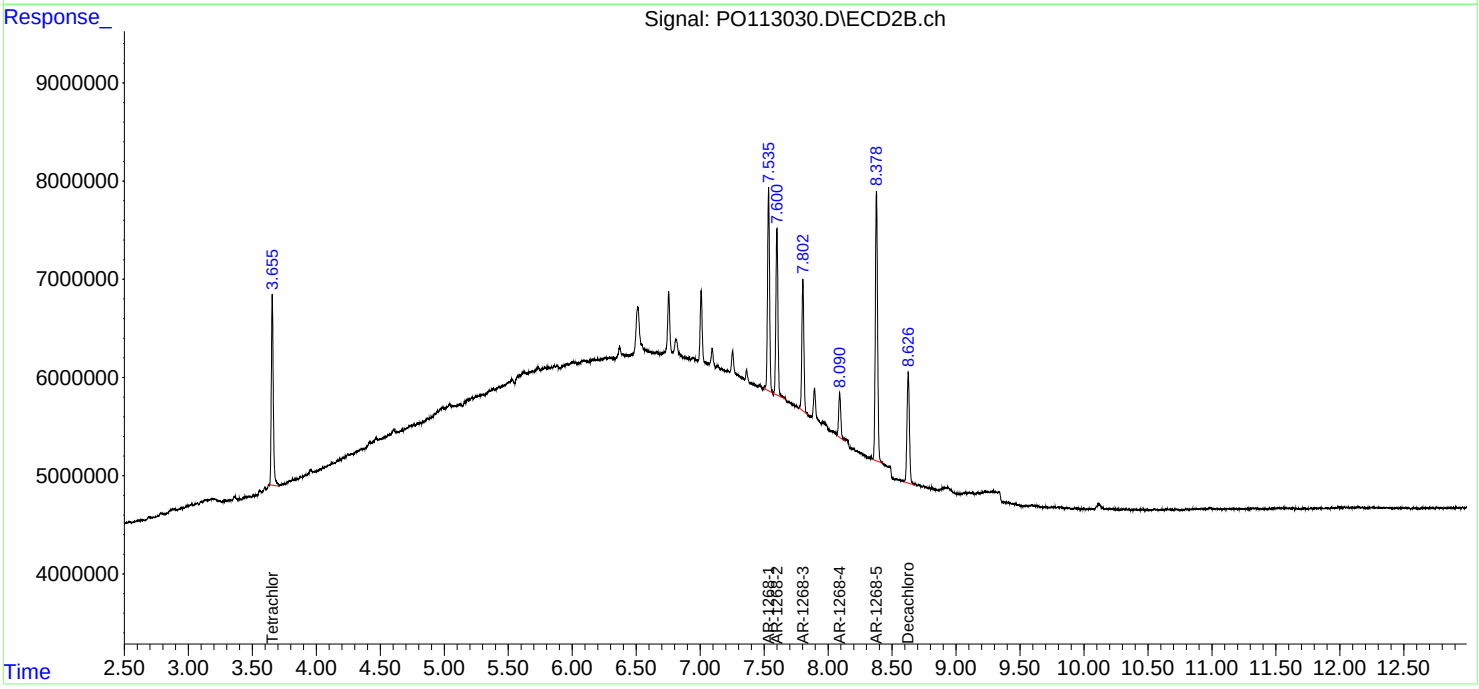
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:43
Operator : YP/AJ
Sample : PO081825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:12:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.664	3.656	421.2E6	257.1E6	51.444	50.806
2)	SA Decachlor...	8.683	8.627	372.2E6	96647256	53.698	51.005
	Target Compounds						
3)	L1 AR-1016-1	4.749	4.730	137.6E6	85391020	515.534	500.611
4)	L1 AR-1016-2	4.768	4.748	211.7E6	130.2E6	527.272	505.299
5)	L1 AR-1016-3	4.824	4.923	133.0E6	68472860	521.464	490.443
6)	L1 AR-1016-4	4.944	4.965	107.5E6	55300476	492.995	473.873
7)	L1 AR-1016-5	5.201	5.177	118.9E6	73202918	536.621	513.597
31)	L7 AR-1260-1	6.237	6.205	236.4E6	125.3E6	530.174	491.120
32)	L7 AR-1260-2	6.427	6.393	354.3E6	168.6E6	515.877	487.582
33)	L7 AR-1260-3	6.792	6.544	320.0E6	145.5E6	518.199	489.302
34)	L7 AR-1260-4	7.051	7.013	233.4E6	99741058	521.185	481.261
35)	L7 AR-1260-5	7.295	7.255	647.1E6	222.8E6	534.473	475.684

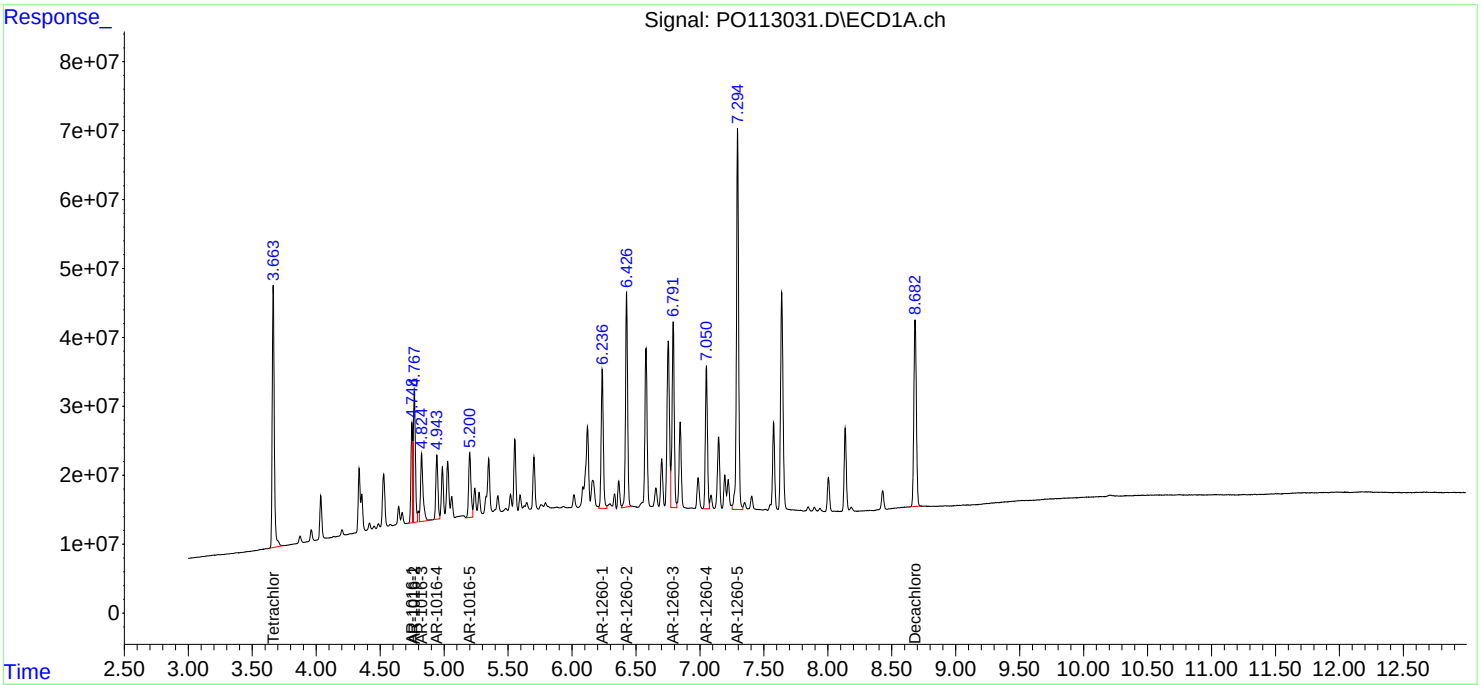
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

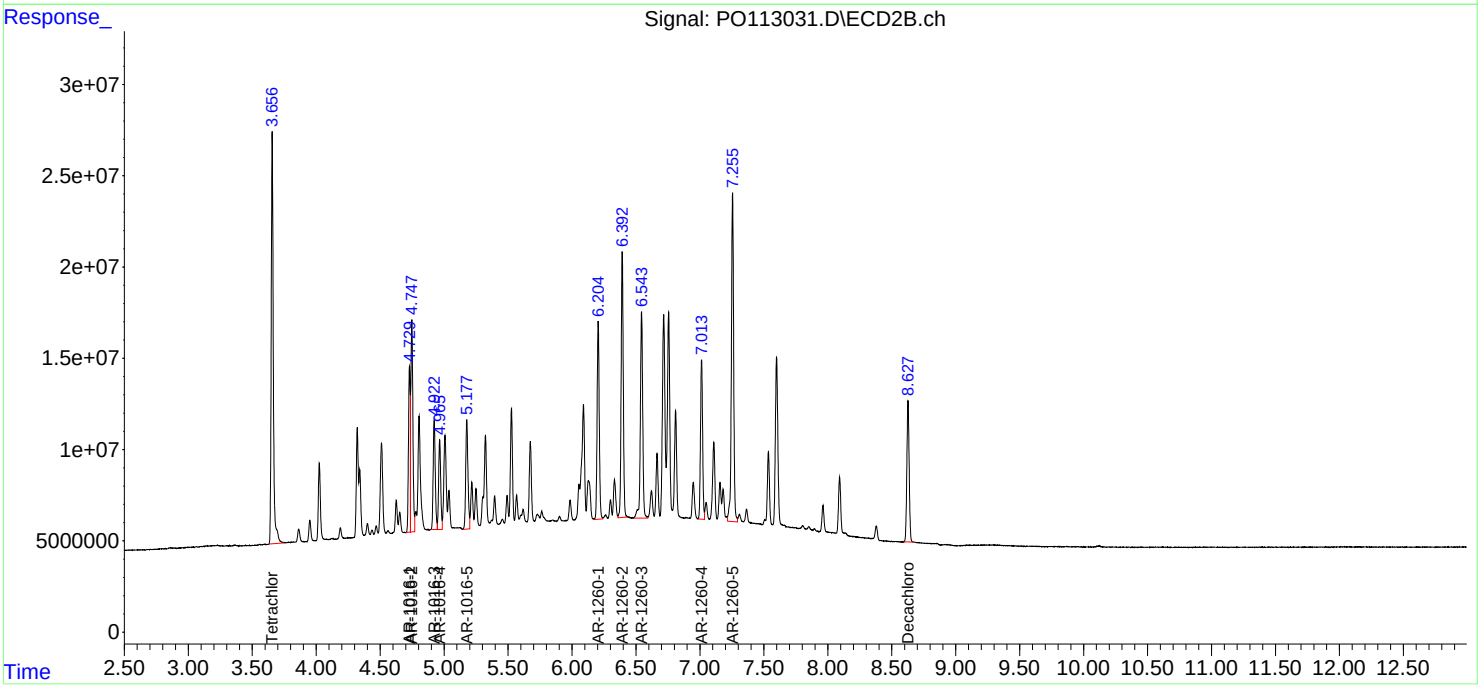
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:43
Operator : YP/AJ
Sample : PO081825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:12:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:37
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:20:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.664	3.656	429.6E6	262.9E6	52.476	51.959
2)	SA Decachlor...	8.682	8.627	379.6E6	100.8E6	54.772	53.212
	Target Compounds						
16)	L4 AR-1242-1	4.750	4.730	118.2E6	75544744	513.948	522.785
17)	L4 AR-1242-2	4.767	4.748	180.5E6	112.1E6	525.410	516.997
18)	L4 AR-1242-3	4.825	4.923	114.2E6	58830110	514.501	502.975
19)	L4 AR-1242-4	4.944	5.008	91221670	57727565	525.886	490.725
20)	L4 AR-1242-5	5.594	5.526	103.3E6	75933701	515.841	509.168

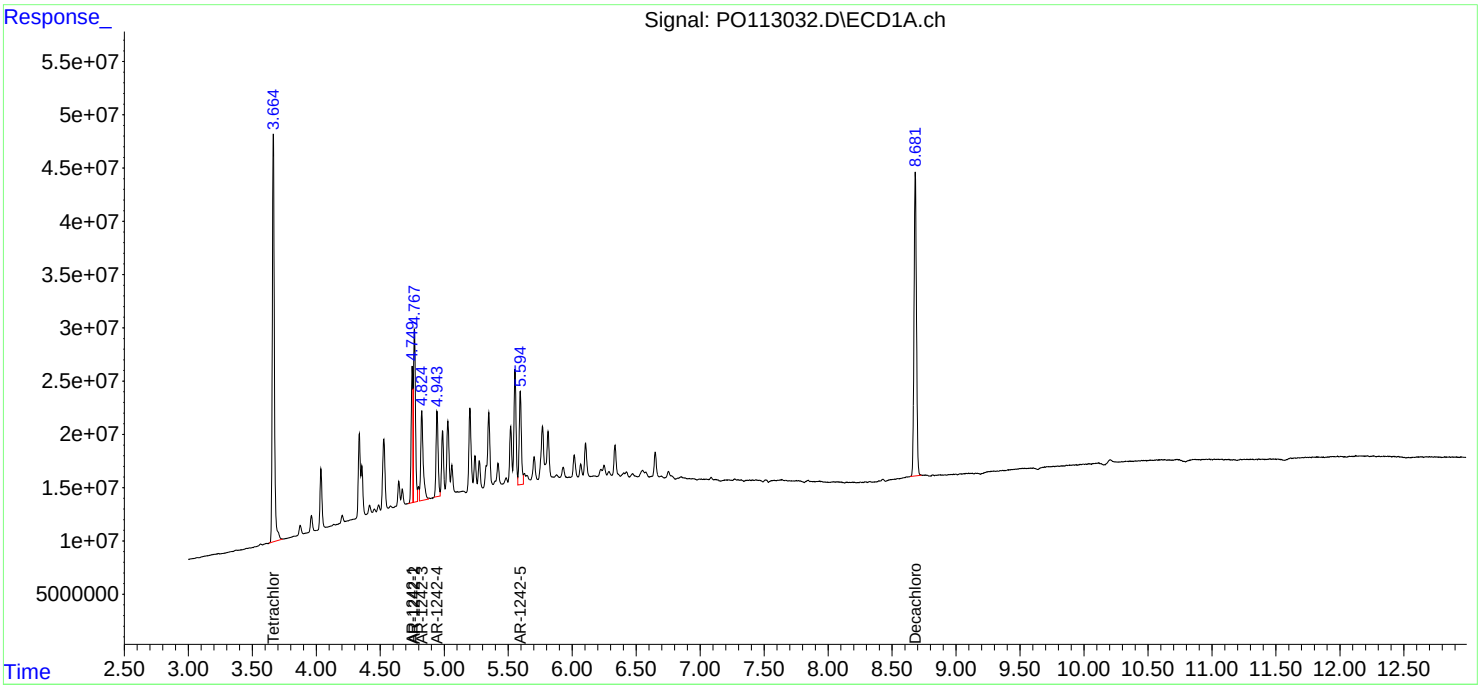
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

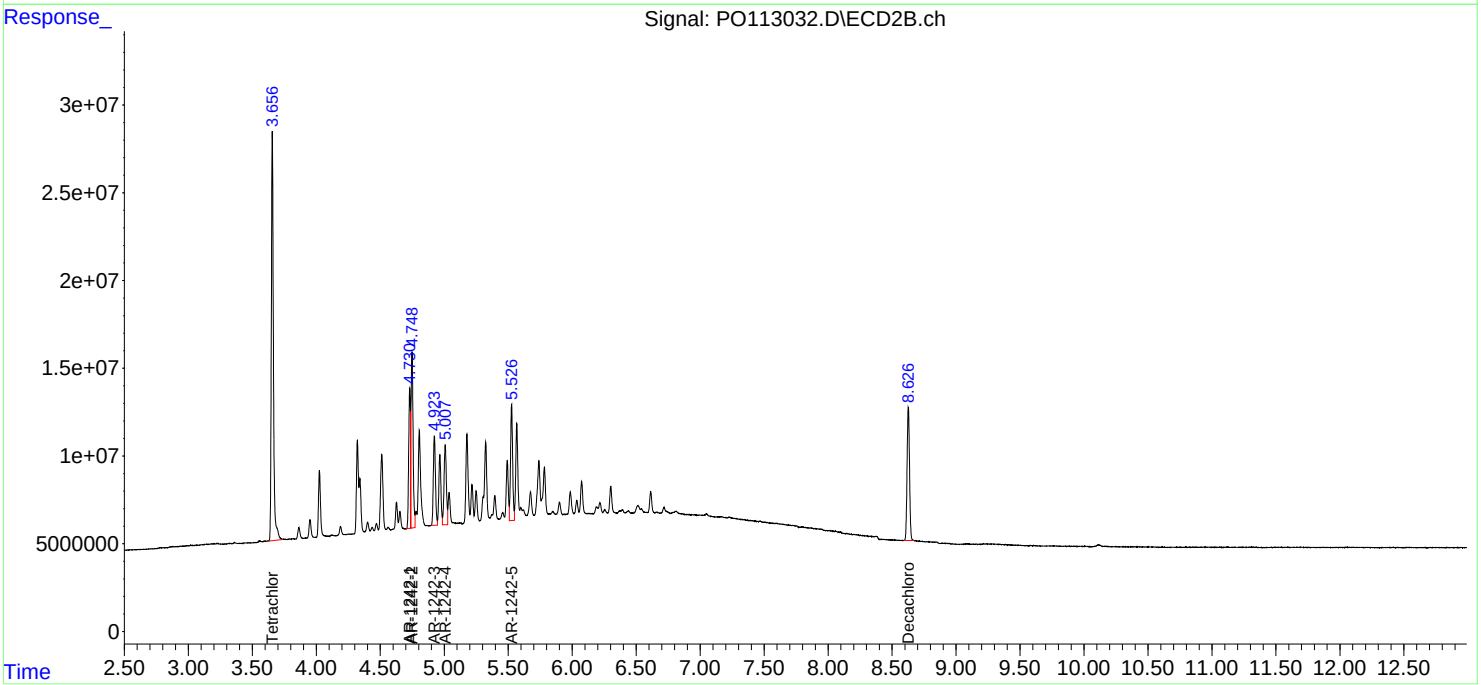
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:37
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:20:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:54
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.656	399.7E6	241.4E6	48.828	47.707
2)	SA Decachlor...	8.680	8.627	370.4E6	97965710	53.439	51.701
	Target Compounds						
21)	L5 AR-1248-1	4.746	4.729	85766360	54333412	491.593	487.243
22)	L5 AR-1248-2	4.984	4.965	115.6E6	76798982	478.136	477.906
23)	L5 AR-1248-3	5.198	5.006	150.7E6	80662868	472.629	475.436
24)	L5 AR-1248-4	5.551	5.177	233.0E6	95159179	466.303	477.659
25)	L5 AR-1248-5	5.592	5.566	156.4E6	99002926	457.862	466.343

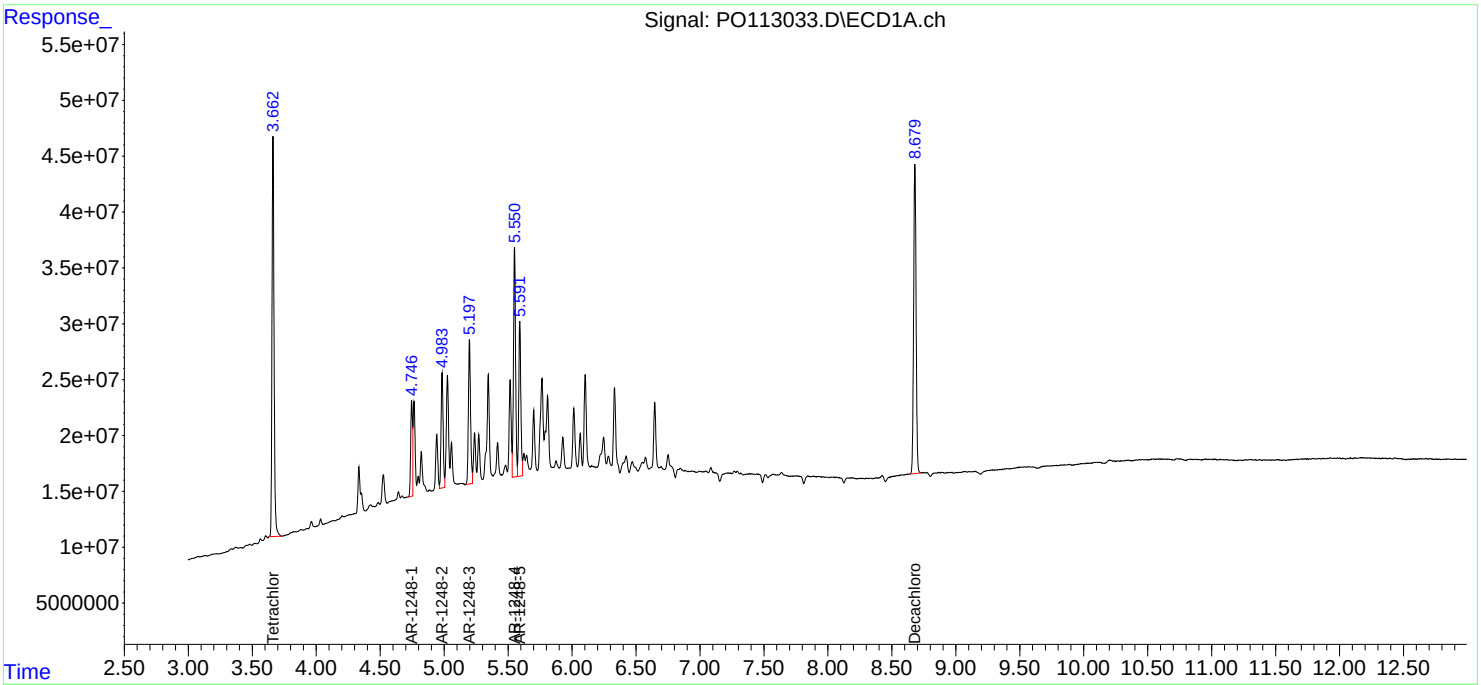
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

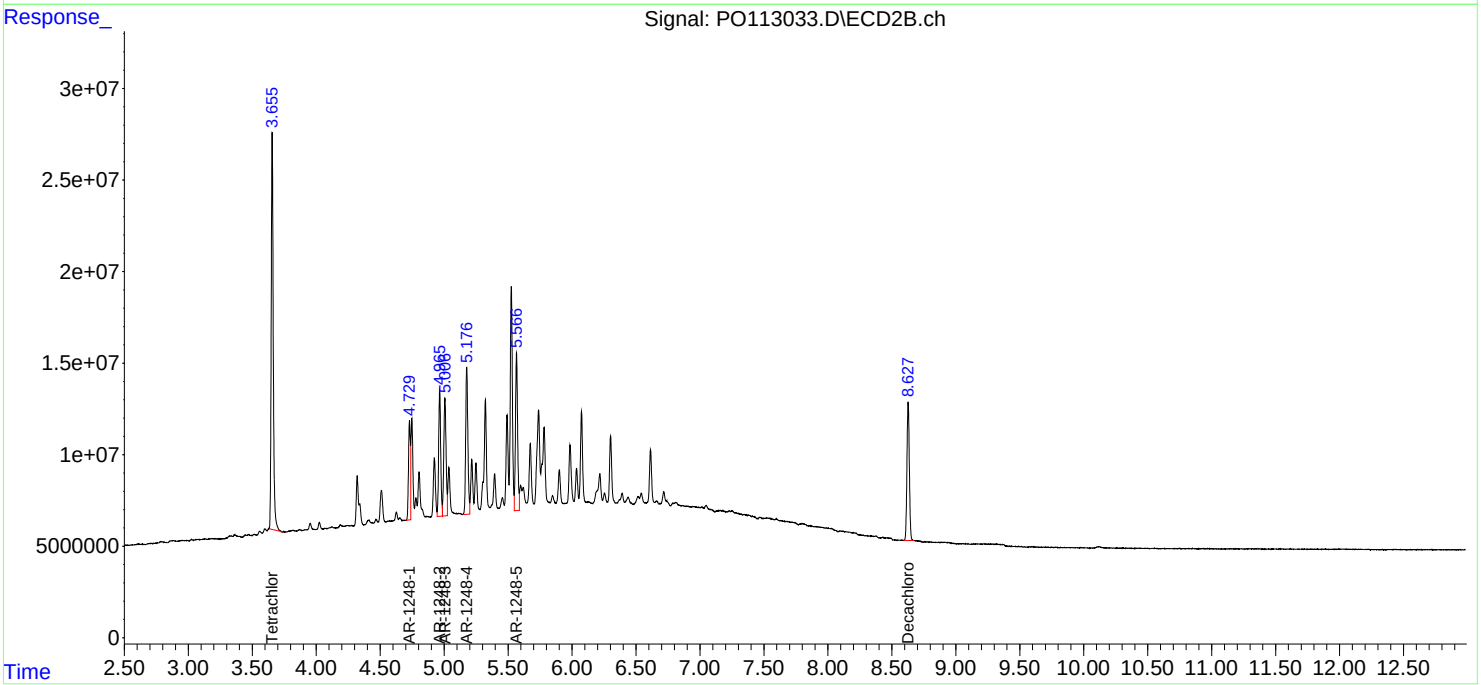
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:54
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 20:31
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.663	3.655	409.6E6	249.7E6	50.035	49.347
2)	SA Decachlor...	8.681	8.628	369.2E6	98078894	53.271	51.761
	Target Compounds						
26)	L6 AR-1254-1	5.552	5.526	255.6E6	152.1E6	473.260	482.262
27)	L6 AR-1254-2	5.701	5.673	233.3E6	135.4E6	472.888	482.834
28)	L6 AR-1254-3	6.104	6.074	358.7E6	203.2E6	485.481	487.357
29)	L6 AR-1254-4	6.334	6.301	267.7E6	131.5E6	480.676	478.371
30)	L6 AR-1254-5	6.752	6.717	344.2E6	166.4E6	490.961	465.595

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

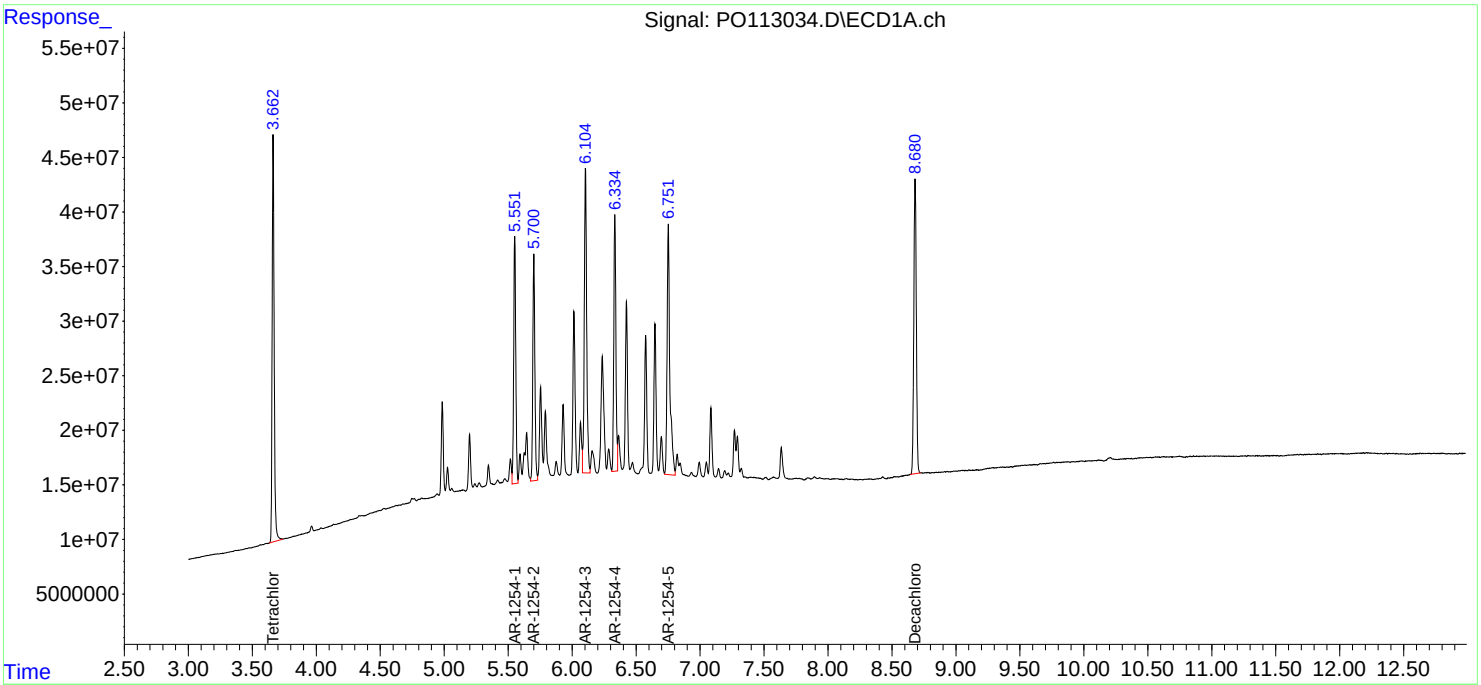
Quantitation Report (QT Reviewed)

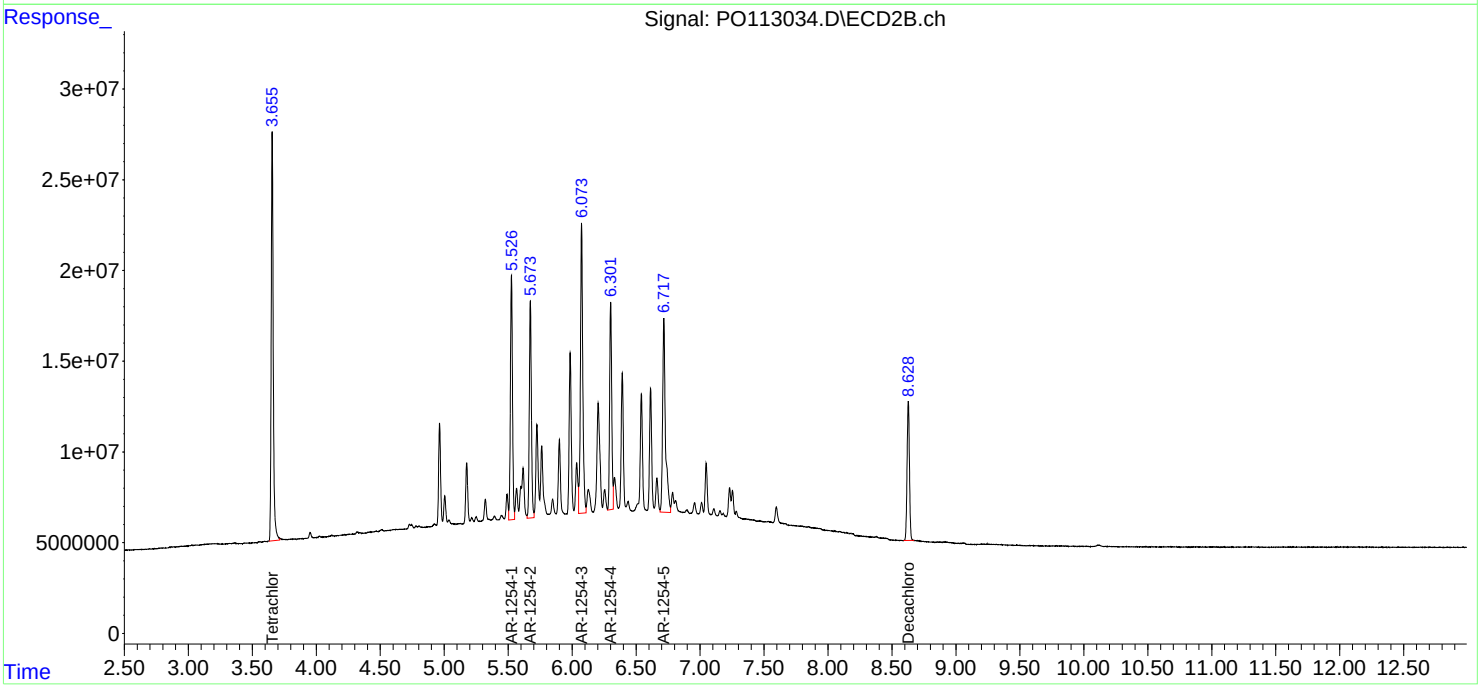
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 20:31
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 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...	3.664	3.656	429.5E6	261.1E6	52.886	52.521
2)	SA Decachlor...	8.682	8.627	678.8E6	177.0E6	51.133	51.189
	Target Compounds						
41)	L9 AR-1268-1	7.577	7.537	888.4E6	255.4E6	516.244	501.241
42)	L9 AR-1268-2	7.642	7.602	745.6E6	207.2E6	514.846	498.702
43)	L9 AR-1268-3	7.846	7.805	631.0E6	163.1E6	523.061	499.640
44)	L9 AR-1268-4	8.137	8.092	241.9E6	62721591	525.077	520.802
45)	L9 AR-1268-5	8.429	8.379	1632.4E6	402.4E6	511.965	515.245m

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

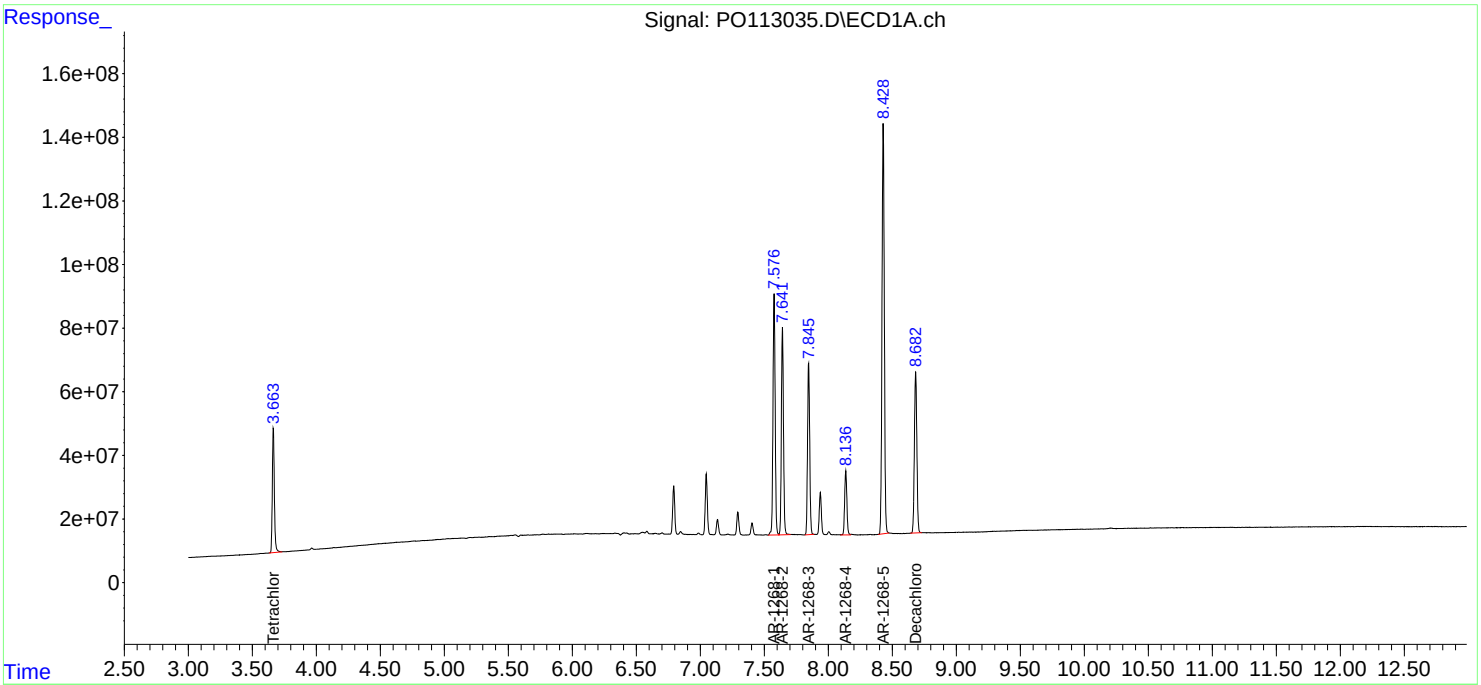
Instrument :
ECD_O
ClientSampleId :
ICVPO081825AR1268

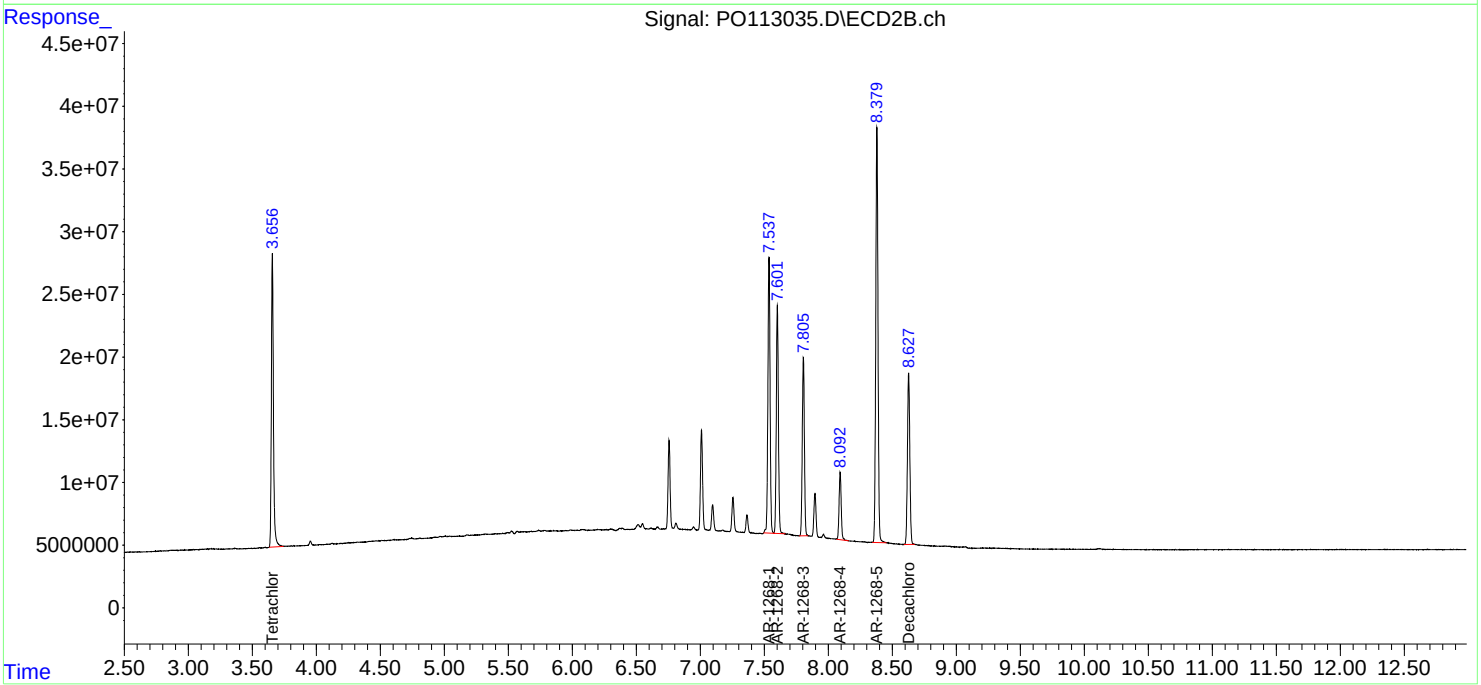
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 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





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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

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

LAB FILE ID: RT 1000 = PP074491.D RT 750 = PP074492.D

RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.82	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.89	5.89	5.89	5.89	5.89	5.89	5.79	5.99
Aroclor-1016-4	(4)	5.98	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.28	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Aroclor-1260-1	(1)	7.39	7.40	7.40	7.40	7.40	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.01	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.23	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.56	8.56	8.56	8.56	8.56	8.56	8.46	8.66
Decachlorobiphenyl		10.43	10.44	10.43	10.43	10.44	10.43	10.33	10.53
Tetrachloro-m-xylene		4.65	4.66	4.65	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.89	5.89	5.89	5.89	5.89	5.89	5.79	5.99
Aroclor-1242-4	(4)	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.43	10.44	10.43	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1248-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1248-2	(2)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1248-3	(3)	6.28	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Aroclor-1248-4	(4)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1248-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.65	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.23	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.94	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1268-1	(1)	8.88	8.89	8.88	8.89	8.88	8.89	8.79	8.99
Aroclor-1268-2	(2)	8.98	8.98	8.98	8.98	8.98	8.98	8.88	9.08
Aroclor-1268-3	(3)	9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Aroclor-1268-4	(4)	9.65	9.65	9.65	9.65	9.65	9.65	9.55	9.75
Aroclor-1268-5	(5)	10.08	10.08	10.08	10.08	10.08	10.08	9.98	10.18

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.43	10.44	10.43	10.44	10.43	10.43	10.33	10.53
Tetrachloro-m-xylene	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

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

LAB FILE ID: RT 1000 = PP074491.D RT 750 = PP074492.D

RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1016-4	(4)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1016-5	(5)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1260-1	(1)	6.36	6.36	6.36	6.36	6.36	6.36	6.26	6.46
Aroclor-1260-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-3	(3)	6.70	6.71	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1260-4	(4)	7.17	7.17	7.17	7.17	7.17	7.17	7.07	7.27
Aroclor-1260-5	(5)	7.41	7.41	7.41	7.41	7.41	7.41	7.31	7.51
Decachlorobiphenyl		8.81	8.82	8.82	8.81	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		8.82	8.82	8.81	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1248-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1248-3	(3)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-4	(4)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1248-5	(5)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.69	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1254-3	(3)	6.24	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1254-4	(4)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1254-5	(5)	6.88	6.87	6.88	6.88	6.88	6.88	6.78	6.98
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.81	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1	(1)	7.70	7.70	7.69	7.70	7.69	7.70	7.60	7.80
Aroclor-1268-2	(2)	7.76	7.76	7.76	7.76	7.76	7.76	7.66	7.86
Aroclor-1268-3	(3)	7.97	7.97	7.97	7.97	7.96	7.97	7.87	8.07
Aroclor-1268-4	(4)	8.25	8.26	8.25	8.25	8.25	8.25	8.15	8.35
Aroclor-1268-5	(5)	8.55	8.55	8.55	8.55	8.55	8.55	8.45	8.65

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.81	8.82	8.81	8.82	8.81	8.82	8.72	8.92
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

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

LAB FILE ID: **CF 1000 =** PP074491.D **CF 750 =** PP074492.D

CF 500 = PP074493.D **CF 250 =** PP074494.D **CF 050 =** PP074495.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	37260672	39165227	41840274	46667524	55510560	44088851	17
Aroclor-1016-2	(2)	55294208	58678316	63208216	69200552	67826880	62841634	9
Aroclor-1016-3	(3)	37159554	39829409	42380342	50420568	54779780	44913931	17
Aroclor-1016-4	(4)	30238509	32061391	34848388	39362172	39398600	35181812	12
Aroclor-1016-5	(5)	29225854	30645948	33029644	36469124	36559780	33186070	10
Aroclor-1260-1	(1)	48563391	51183833	55342410	61530012	72427960	57809521	16
Aroclor-1260-2	(2)	57520052	60697599	66234840	73517872	86617000	68917473	17
Aroclor-1260-3	(3)	45466412	48231029	50486582	57234216	58008180	51885284	11
Aroclor-1260-4	(4)	53945139	57153024	61763720	67649864	78452080	63792765	15
Aroclor-1260-5	(5)	98135607	102882747	108313414	117775440	139953440	113412130	15
Decachlorobiphenyl		866337170	921955053	988573200	1058849640	1101835800	987510173	10
Tetrachloro-m-xylene		1100953570	1143235467	1200713680	1268558320	1404991400	1223690487	10
Aroclor-1242-1	(1)	33534775	35196259	38660790	41241740	42742440	38275201	10
Aroclor-1242-2	(2)	50582395	52453757	57915216	62104248	59354260	56481975	9
Aroclor-1242-3	(3)	33349694	35414635	39970066	43883972	50396180	40602909	17
Aroclor-1242-4	(4)	27192200	28632309	31894696	35816444	35173600	31741850	12
Aroclor-1242-5	(5)	29731727	30733847	34626980	38850892	46409580	36070605	19
Decachlorobiphenyl		942571090	998560827	1090308640	1132992280	1083717600	1049630087	7
Tetrachloro-m-xylene		1101623960	1151320933	1235361060	1272027120	1278388200	1207744255	6
Aroclor-1248-1	(1)	26825393	28405716	30845872	34074380	30968720	30224016	9
Aroclor-1248-2	(2)	37601198	39897476	43211686	48783724	45986180	43096053	10
Aroclor-1248-3	(3)	41457218	43776155	46817460	51955424	49511780	46703607	9
Aroclor-1248-4	(4)	47576379	50895647	54418430	60667104	61446460	55000804	11
Aroclor-1248-5	(5)	47007884	50058825	54098864	61916308	64270400	55470456	13
Decachlorobiphenyl		950993890	1009223920	1071012460	1167985200	1057373600	1051317814	8
Tetrachloro-m-xylene		1100991950	1146778960	1200566400	1276972480	1211462000	1187354358	6
Aroclor-1254-1	(1)	48507797	53598960	57022412	63560864	68657180	58269443	14
Aroclor-1254-2	(2)	68997007	73735961	79493314	88136784	97716940	81616001	14
Aroclor-1254-3	(3)	75433146	80269064	85469286	94710248	110150500	89206449	15
Aroclor-1254-4	(4)	56817907	60256557	64375914	71178004	76939600	65913596	12
Aroclor-1254-5	(5)	71518563	76344344	81241680	89300320	97020080	83084997	12
Decachlorobiphenyl		955810170	985159667	1046715980	1146118200	1185105200	1063781843	9
Tetrachloro-m-xylene		1074895520	1124737840	1186244600	1279770240	1364835400	1206096720	10
Aroclor-1268-1	(1)	145382221	149256528	159799060	175238264	180520060	162039227	10

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	135128903	138304824	147968774	161072492	151211120	146737223	7
Aroclor-1268-3	(3)	112837949	115383373	124401538	134921752	130382340	123585390	8
Aroclor-1268-4	(4)	60062429	62288615	69185966	72327472	72450180	67262932	9
Aroclor-1268-5	(5)	347935374	352387180	372266714	396976848	381293520	370171927	6
Decachlorobiphenyl		1643122860	1684754733	1816495060	1968851320	1846466800	1791938155	7
Tetrachloro-m-xylene		1139511630	1162795853	1215559280	1293072360	1185938800	1199375585	5

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

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

LAB FILE ID: **CF 1000 =** PP074491.D **CF 750 =** PP074492.D

CF 500 = PP074493.D **CF 250 =** PP074494.D **CF 050 =** PP074495.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	496657182	503720793	523846228	513002896	509541900	509353800	2
Aroclor-1016-2	(2)	239168801	238546505	246638078	251142512	214580920	238015363	6
Aroclor-1016-3	(3)	133036564	130124845	144330606	141427600	140598400	137903603	4
Aroclor-1016-4	(4)	133477489	138002388	140534852	142183668	144817800	139803239	3
Aroclor-1016-5	(5)	154126731	152599703	155237916	163343428	205109040	166083364	13
Aroclor-1260-1	(1)	363284667	378829761	386185190	382321000	365496040	375223332	3
Aroclor-1260-2	(2)	523788027	519029669	530795266	515617580	554844180	528814944	3
Aroclor-1260-3	(3)	397906310	403814531	425344812	411965640	525972600	433000779	12
Aroclor-1260-4	(4)	386647802	396528909	406788188	382587548	334816920	381473873	7
Aroclor-1260-5	(5)	1072036571	1049469899	1040494106	1005914236	854489880	1004480938	9
Decachlorobiphenyl		7534332740	7444555573	7912532780	7690082000	6914466800	7499193979	5
Tetrachloro-m-xylene		5208096140	5362153787	4998687000	4783674480	3824485800	4835419441	13
Aroclor-1242-1	(1)	426248141	431977179	439434088	427078864	384025660	421752786	5
Aroclor-1242-2	(2)	202991737	207389804	208837132	204363608	177830640	200282584	6
Aroclor-1242-3	(3)	114667914	119000831	118474420	125754936	113593040	118298228	4
Aroclor-1242-4	(4)	162797331	159395943	169924744	169924792	193754480	171159458	8
Aroclor-1242-5	(5)	176244820	193149587	194953880	198727516	162744820	185164125	8
Decachlorobiphenyl		7439485810	7647320840	7750380960	7387148800	6696994000	7384266082	6
Tetrachloro-m-xylene		5552255470	5495660120	5265795020	4718643160	3344536200	4875377994	19
Aroclor-1248-1	(1)	276787529	272989900	294110190	287515664	249311100	276142877	6
Aroclor-1248-2	(2)	170428062	176978340	184167818	188684076	163519180	176755495	6
Aroclor-1248-3	(3)	216883105	236968729	226037212	232782684	223345400	227203426	3
Aroclor-1248-4	(4)	216013976	222165432	229596264	221937152	200392380	218021041	5
Aroclor-1248-5	(5)	365899980	378186867	386596360	393195048	312731540	367321959	9
Decachlorobiphenyl		7362170440	7623348680	7832285760	7830414120	6177033600	7365050520	9
Tetrachloro-m-xylene		4921775200	5272375827	4922615420	4754396920	3067777000	4587788073	19
Aroclor-1254-1	(1)	450774429	460491156	493889042	479687392	498710100	476710424	4
Aroclor-1254-2	(2)	327603431	350278748	349528710	357585716	375666820	352132685	5
Aroclor-1254-3	(3)	632195702	651991325	663558136	626254444	525027180	619805357	9
Aroclor-1254-4	(4)	465715221	475856425	494623526	472743392	434193620	468626437	5
Aroclor-1254-5	(5)	494049062	518095117	499208524	513687428	427465960	490501218	7
Decachlorobiphenyl		7570292860	7622860640	7575883760	7671178000	7261560400	7540355132	2
Tetrachloro-m-xylene		5083198010	4906330680	4979033200	4619762640	3271378000	4571940506	16
Aroclor-1268-1	(1)	1582015639	1422598329	1546826516	1453362868	1047671520	1410494974	15

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1588231016	1429840941	1442651986	1413308564	943104640	1363427429	18
Aroclor-1268-3	(3)	1131064358	1100247001	1123773528	1077394544	783689900	1043233866	14
Aroclor-1268-4	(4)	433982459	417630531	415097948	393627672	255142820	383096286	19
Aroclor-1268-5	(5)	3414138804	3322863425	3420880908	3301062668	2221751820	3136139525	16
Decachlorobiphenyl		14390930480	14121362587	14413340360	14318679160	10749496600	13598761837	12
Tetrachloro-m-xylene		5211020900	5014233547	4937082600	4815562400	3041581600	4603896209	19

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.85	4.75	4.95	17592800
		2	4.94	4.84	5.04	13357200
		3	5.02	4.92	5.12	37912800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	30374000
		2	5.54	5.44	5.64	15758200
		3	5.83	5.73	5.93	30543600
		4	5.99	5.89	6.09	17269300
		5	6.08	5.98	6.18	12981000
Aroclor-1262	500	1	8.24	8.14	8.34	77016000
		2	8.57	8.47	8.67	132381000
		3	8.89	8.79	8.99	97212400
		4	8.98	8.88	9.08	75330400
		5	9.65	9.55	9.75	60956200

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Instrument ID: ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.01	3.91	4.11	61867400
		2	4.10	4.00	4.20	45212000
		3	4.17	4.07	4.27	164294000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	128095000
		2	4.90	4.80	5.00	231794000
		3	5.08	4.98	5.18	60059800
		4	5.16	5.06	5.26	73707400
		5	5.33	5.23	5.43	62083800
Aroclor-1262	500	1	6.92	6.82	7.02	707260000
		2	7.18	7.08	7.28	520714000
		3	7.70	7.60	7.80	466296000
		4	7.76	7.66	7.86	821860000
		5	8.26	8.16	8.36	358310000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:02
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:06:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.652	3.799	110.1E6	520.8E6	95.666	102.052
2)	SA Decachlor...	10.428	8.814	86633717	753.4E6	93.410	97.552
	Target Compounds						
3)	L1 AR-1016-1	5.803	4.897	37260672	496.7E6	942.104	973.357
4)	L1 AR-1016-2	5.824	4.956	55294208	239.2E6	933.216	984.625
5)	L1 AR-1016-3	5.887	5.075	37159554	133.0E6	934.363	959.281
6)	L1 AR-1016-4	5.984	5.116	30238509	133.5E6	929.173	974.244
7)	L1 AR-1016-5	6.276	5.330	29225854	154.1E6	938.900	996.408
31)	L7 AR-1260-1	7.393	6.360	48563391	363.3E6	934.758	969.444
32)	L7 AR-1260-2	7.646	6.547	57520052	523.8E6	929.580	993.355
33)	L7 AR-1260-3	8.005	6.702	45466412	397.9E6	947.681	966.671
34)	L7 AR-1260-4	8.232	7.171	53945139	386.6E6	932.429	974.616
35)	L7 AR-1260-5	8.558	7.410	98135607	1072.0E6	950.701	1014.931

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

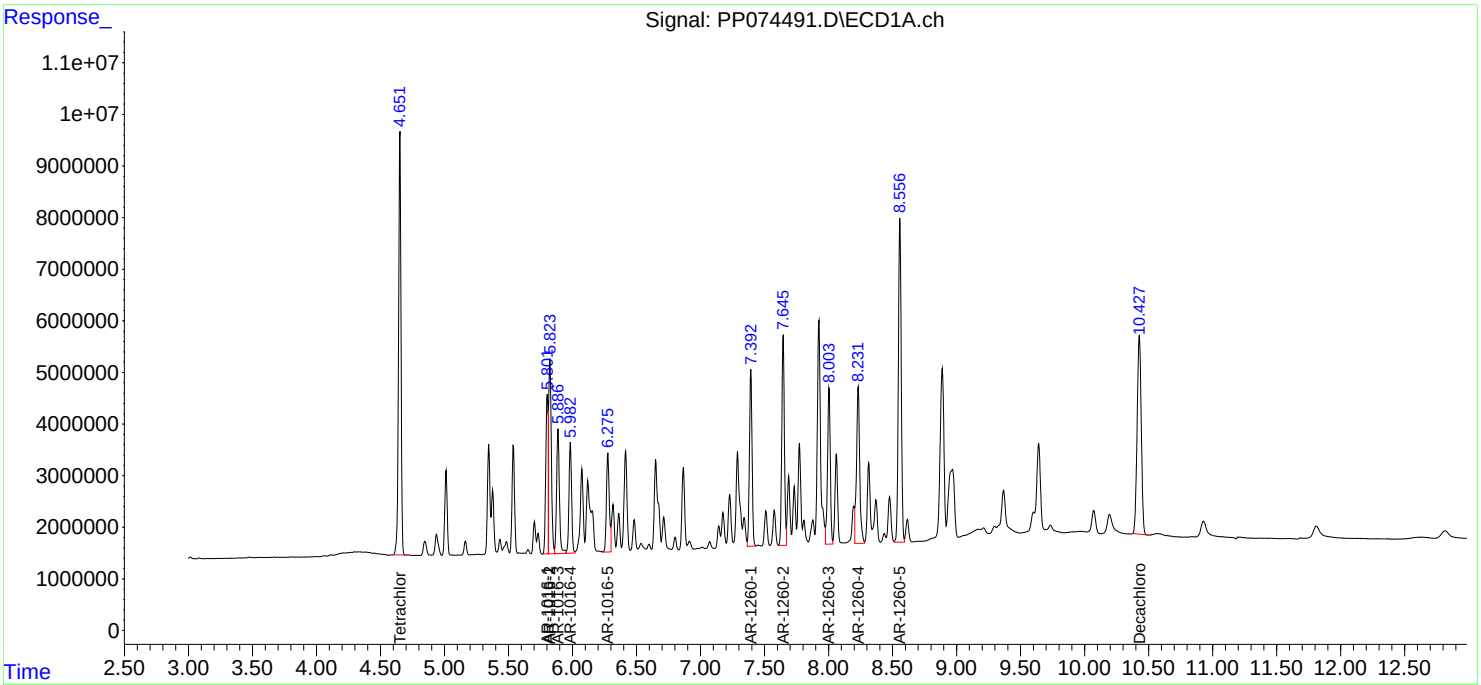
Quantitation Report (QT Reviewed)

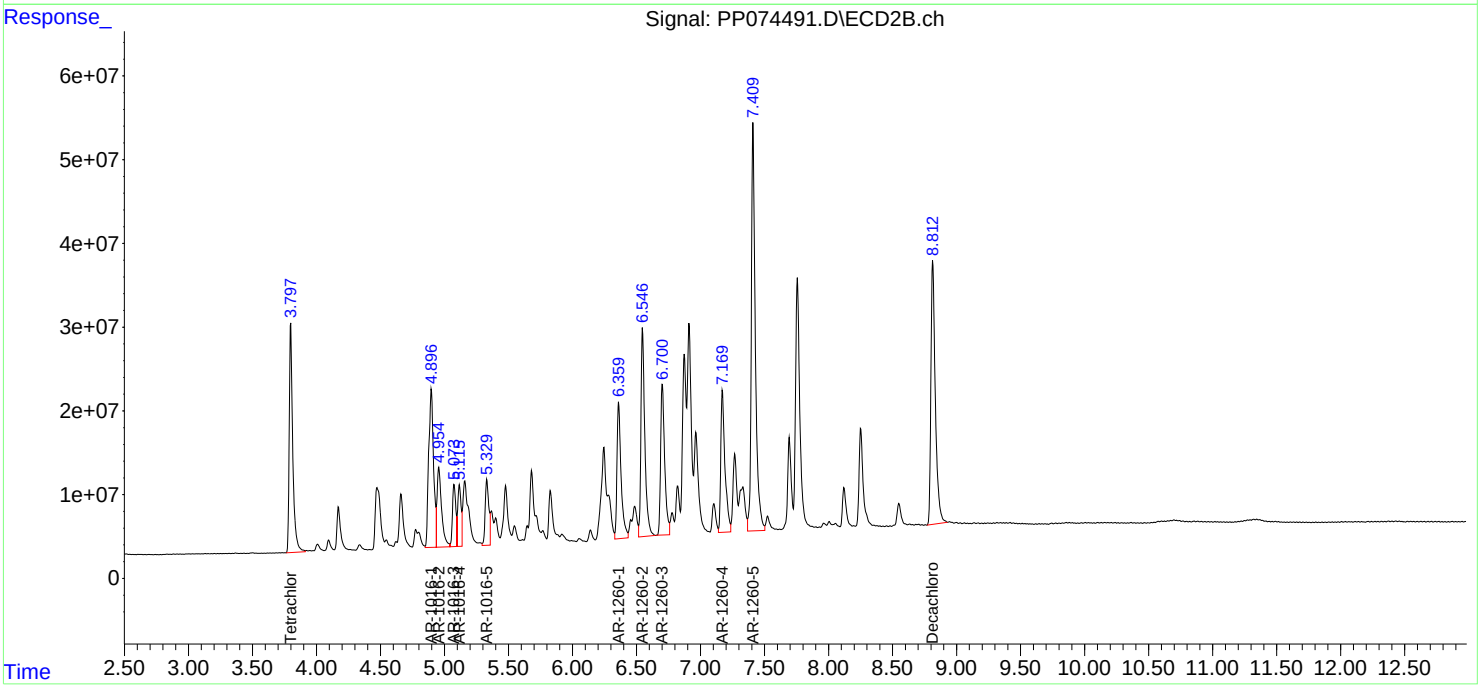
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:02
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:06:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:18
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:09:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.801	85742660	402.2E6	74.669	77.493
2)	SA Decachlor...	10.436	8.818	69146629	558.3E6	74.703	73.173
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.901	29373920	377.8E6	745.114	743.573
4)	L1 AR-1016-2	5.830	4.960	44008737	178.9E6	745.150	740.978
5)	L1 AR-1016-3	5.893	5.080	29872057	97593634	750.747	718.495
6)	L1 AR-1016-4	5.990	5.119	24046043	103.5E6	742.557	753.627
7)	L1 AR-1016-5	6.283	5.334	22984461	114.4E6	742.221	743.238
31)	L7 AR-1260-1	7.400	6.364	38387875	284.1E6	742.562	755.444
32)	L7 AR-1260-2	7.653	6.550	45523199	389.3E6	740.405	742.125
33)	L7 AR-1260-3	8.011	6.705	36173272	302.9E6	752.648	740.452
34)	L7 AR-1260-4	8.239	7.174	42864768	297.4E6	743.914	749.762
35)	L7 AR-1260-5	8.564	7.414	77162060	787.1E6	748.343	746.776

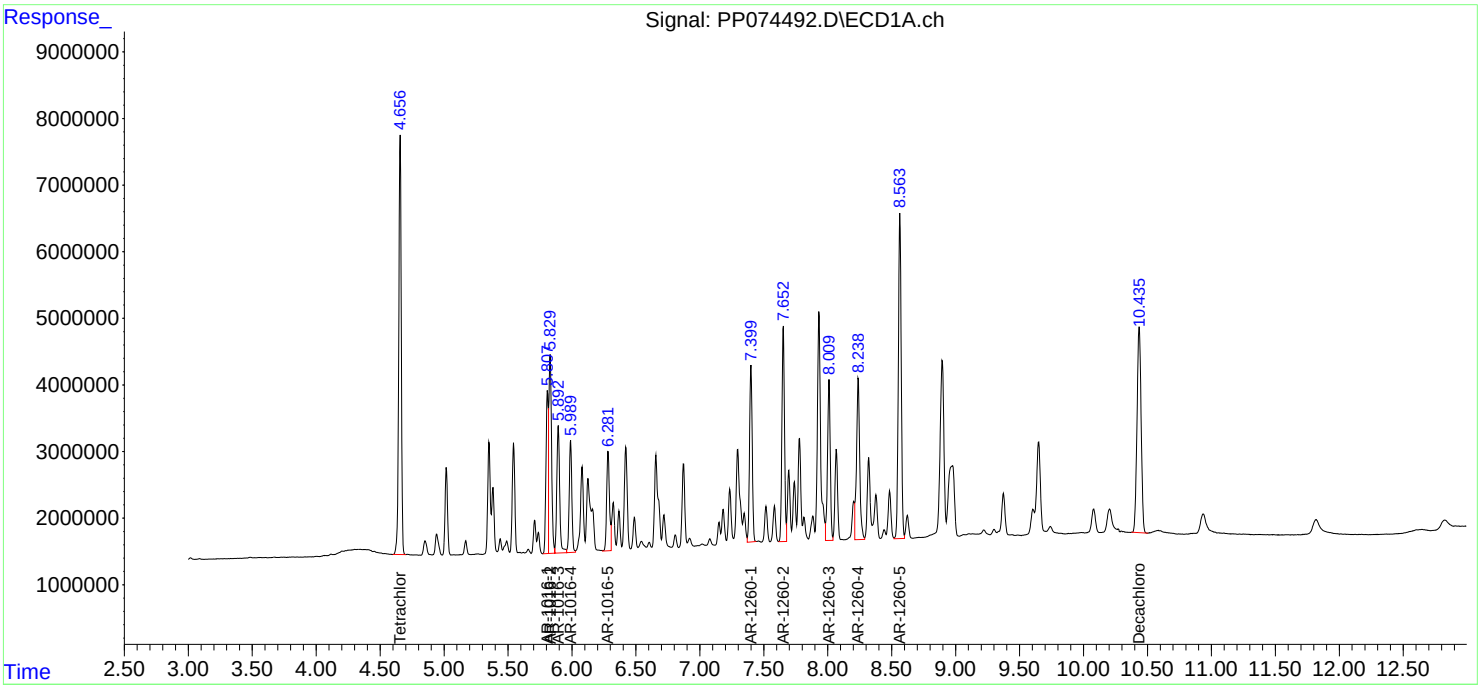
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

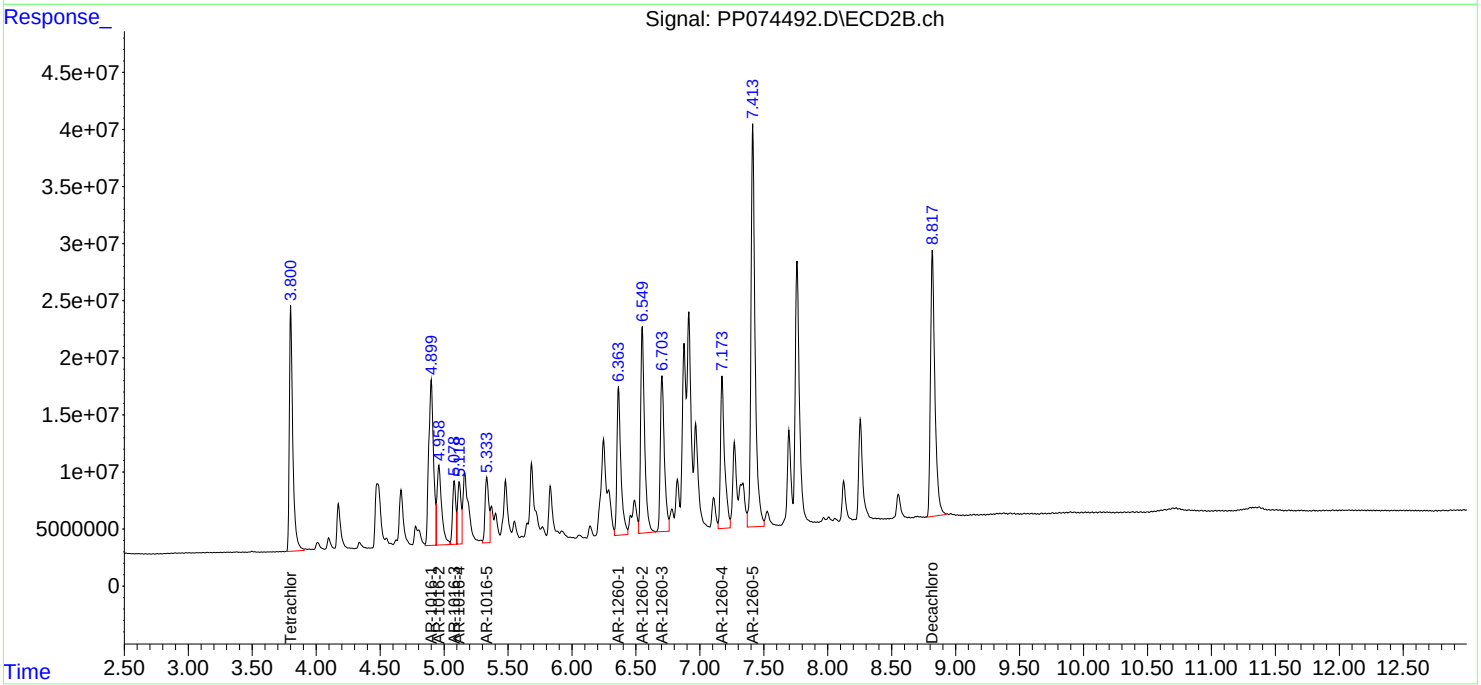
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:18
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:09:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:34
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:02:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.654	3.799	60035684	249.9E6	50.000	50.000
2)	SA Decachlor...	10.433	8.815	49428660	395.6E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.806	4.899	20920137	261.9E6	500.000	500.000
4)	L1 AR-1016-2	5.827	4.955	31604108	123.3E6	500.000	500.000
5)	L1 AR-1016-3	5.890	5.076	21190171	72165303	500.000	500.000
6)	L1 AR-1016-4	5.988	5.117	17424194	70267426	500.000	500.000
7)	L1 AR-1016-5	6.280	5.331	16514822	77618958	500.000	500.000
31)	L7 AR-1260-1	7.397	6.361	27671205	193.1E6	500.000	500.000
32)	L7 AR-1260-2	7.650	6.548	33117420	265.4E6	500.000	500.000
33)	L7 AR-1260-3	8.008	6.702	25243291	212.7E6	500.000	500.000
34)	L7 AR-1260-4	8.236	7.172	30881860	203.4E6	500.000	500.000
35)	L7 AR-1260-5	8.562	7.411	54156707	520.2E6	500.000	500.000

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

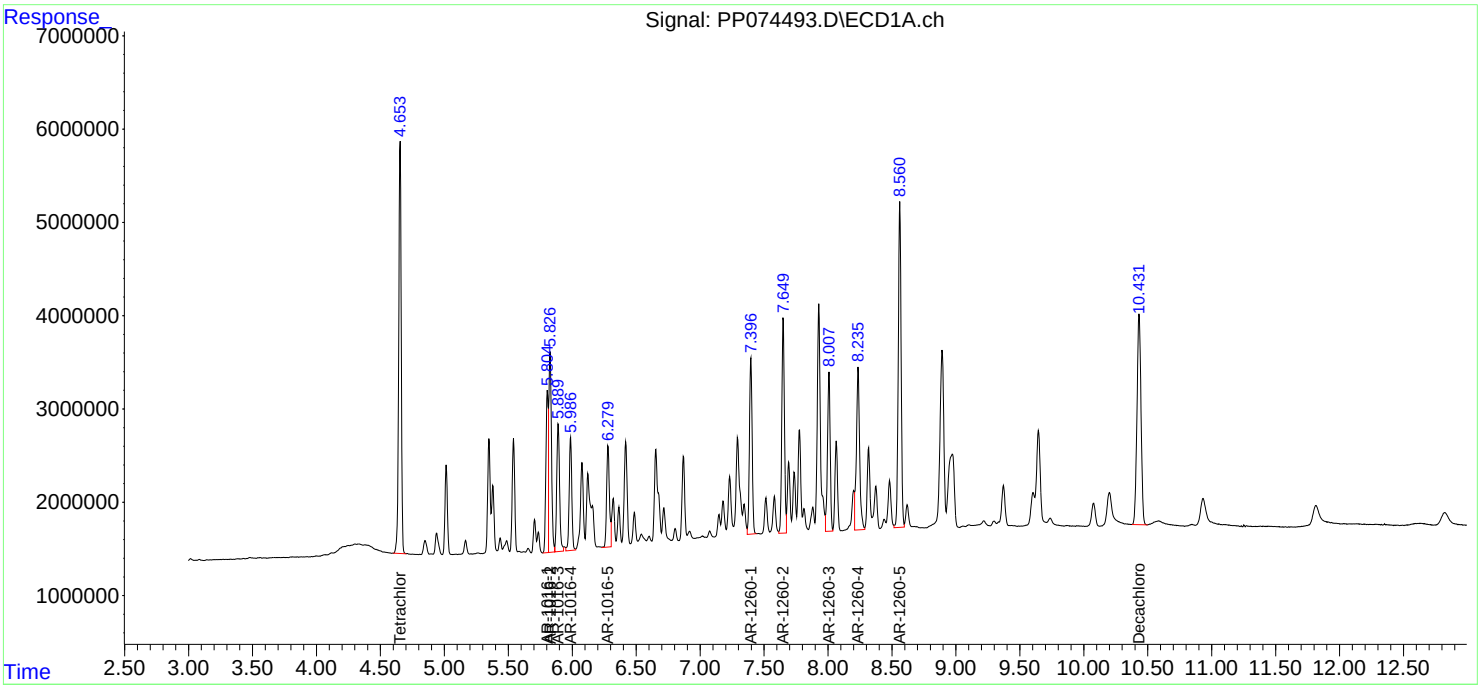
Quantitation Report (QT Reviewed)

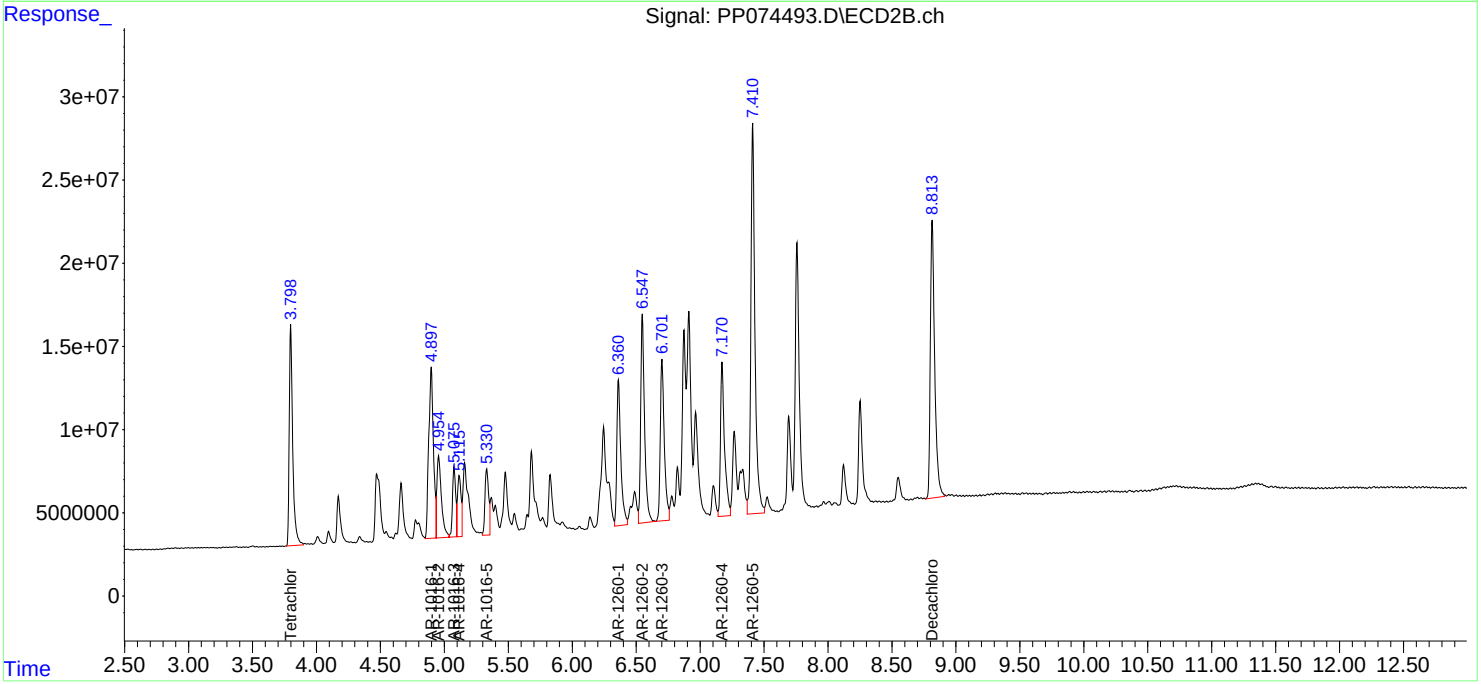
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:34
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:02:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:51
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:19:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	31713958	119.6E6	26.914	23.504
2)	SA Decachlor...	10.434	8.814	26471241	192.3E6	27.605	25.146
	Target Compounds						
3)	L1 AR-1016-1	5.807	4.898	11666881	128.3E6	282.947	251.814
4)	L1 AR-1016-2	5.828	4.955	17300138	62785628	280.868	257.451
5)	L1 AR-1016-3	5.891	5.076	12605142	35356900	296.959	257.647
6)	L1 AR-1016-4	5.988	5.117	9840543	35545917	288.345	256.557
7)	L1 AR-1016-5	6.281	5.331	9117281	40835857	281.897	261.221
31)	L7 AR-1260-1	7.398	6.362	15382503	95580250	284.046	253.089
32)	L7 AR-1260-2	7.651	6.548	18379468	128.9E6	284.986	246.798
33)	L7 AR-1260-3	8.008	6.701	14308554	103.0E6	284.156	251.347
34)	L7 AR-1260-4	8.237	7.171	16912466	95646887	281.275	243.291
35)	L7 AR-1260-5	8.562	7.410	29443860	251.5E6	275.751	241.347

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

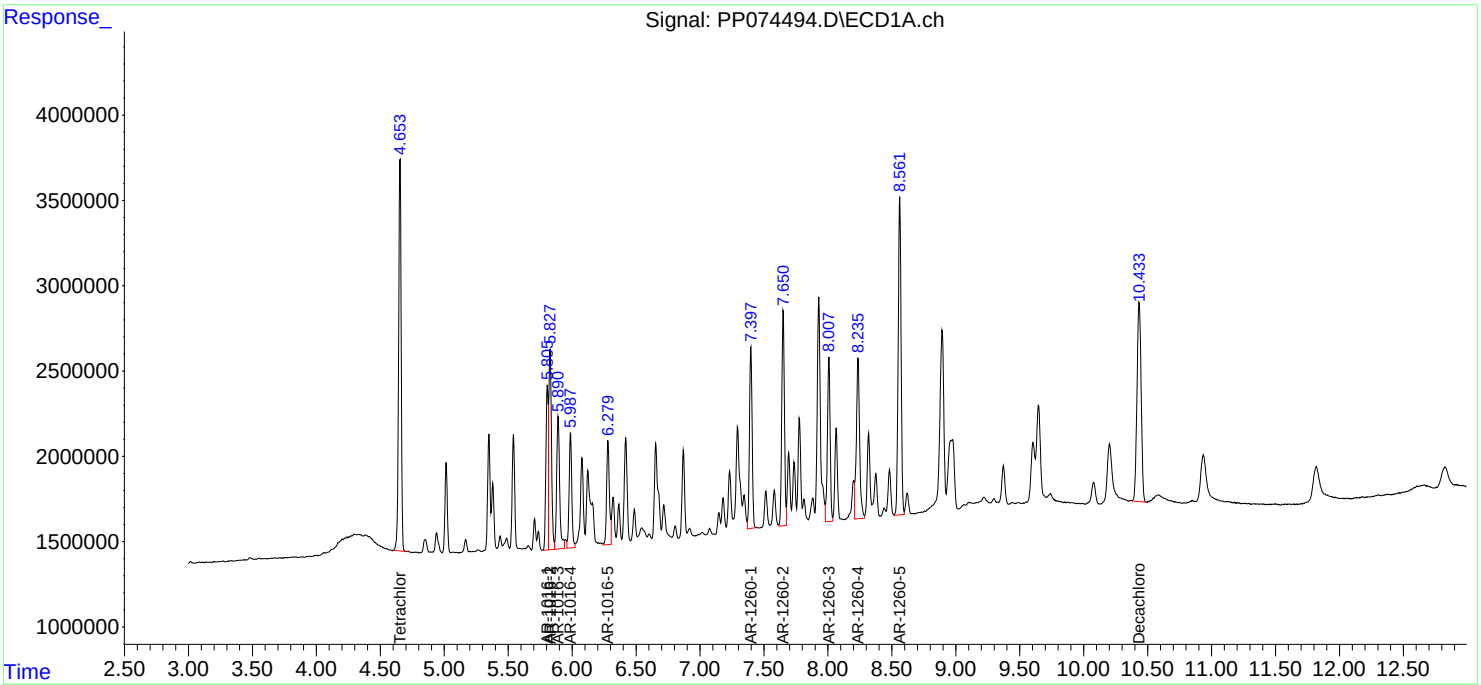
Quantitation Report (QT Reviewed)

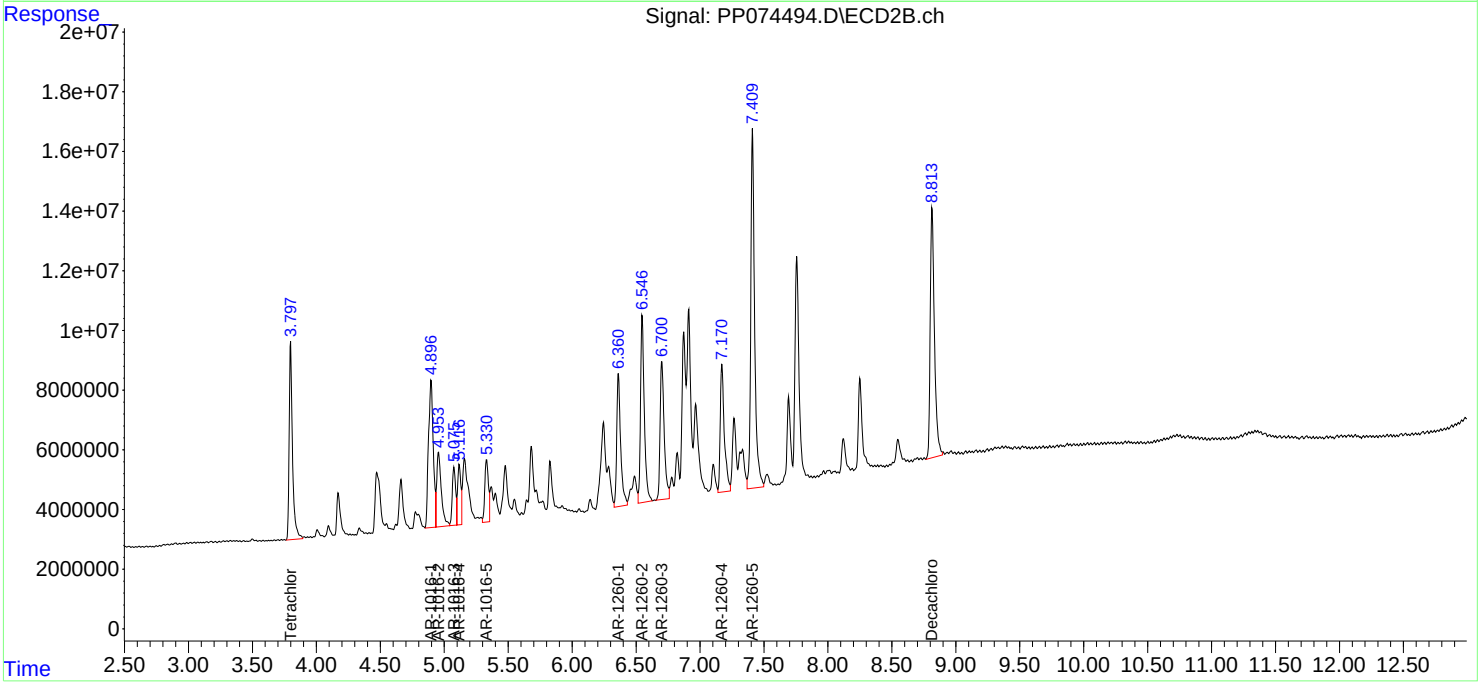
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:51
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:19:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.801	7024957	19122429	5.741	3.955 #
2)	SA Decachlor...	10.436	8.818	5509179	34572334	5.579	4.610
	Target Compounds						
3)	L1 AR-1016-1	5.808	4.902	2775528	25477095	63.327m	50.018
4)	L1 AR-1016-2	5.829	4.960	3391344	10729046	53.675m	45.077
5)	L1 AR-1016-3	5.893	5.081	2738989	7029920	60.487m	50.977
6)	L1 AR-1016-4	5.989	5.119	1969930	7240890	55.168m	51.793
7)	L1 AR-1016-5	6.283	5.333	1827989	10255452	55.083	61.749
31)	L7 AR-1260-1	7.401	6.364	3621398	18274802	62.644	48.704
32)	L7 AR-1260-2	7.654	6.549	4330850	27742209	62.841	52.461
33)	L7 AR-1260-3	8.010	6.704	2900409	26298630	56.353m	65.936
34)	L7 AR-1260-4	8.239	7.174	3922604	16740846	61.870m	43.643m#
35)	L7 AR-1260-5	8.564	7.412	6997672	42724494	62.472	43.317m#

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

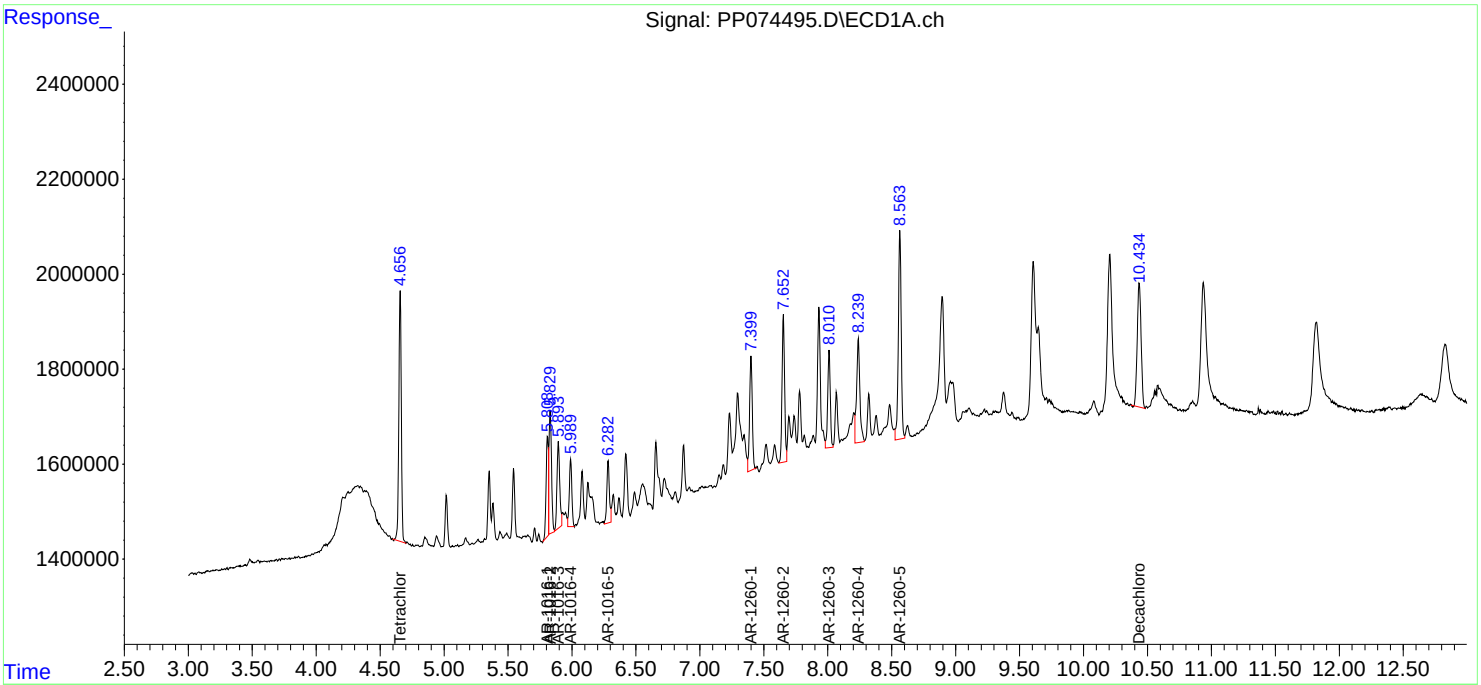
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

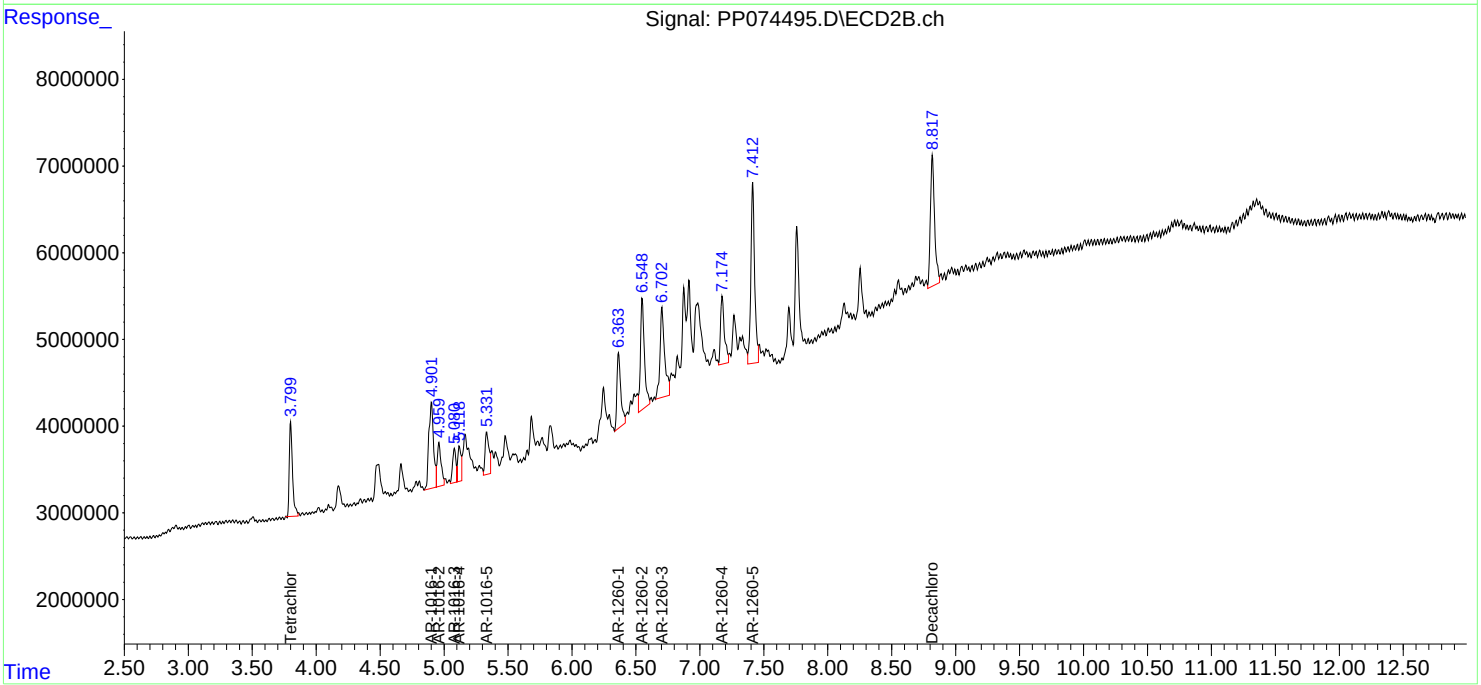
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:23
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 11:40:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.654	3.799	57850583	238.7E6	50.000	50.000
2)	SA Decachlor...	10.431	8.815	48331426	370.6E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.853	4.011	8796420	30933713	500.000	500.000
9)	L2 AR-1221-2	4.939	4.097	6678596	22606039	500.000	500.000
10)	L2 AR-1221-3	5.015	4.173	18956378	82146924	500.000	500.000

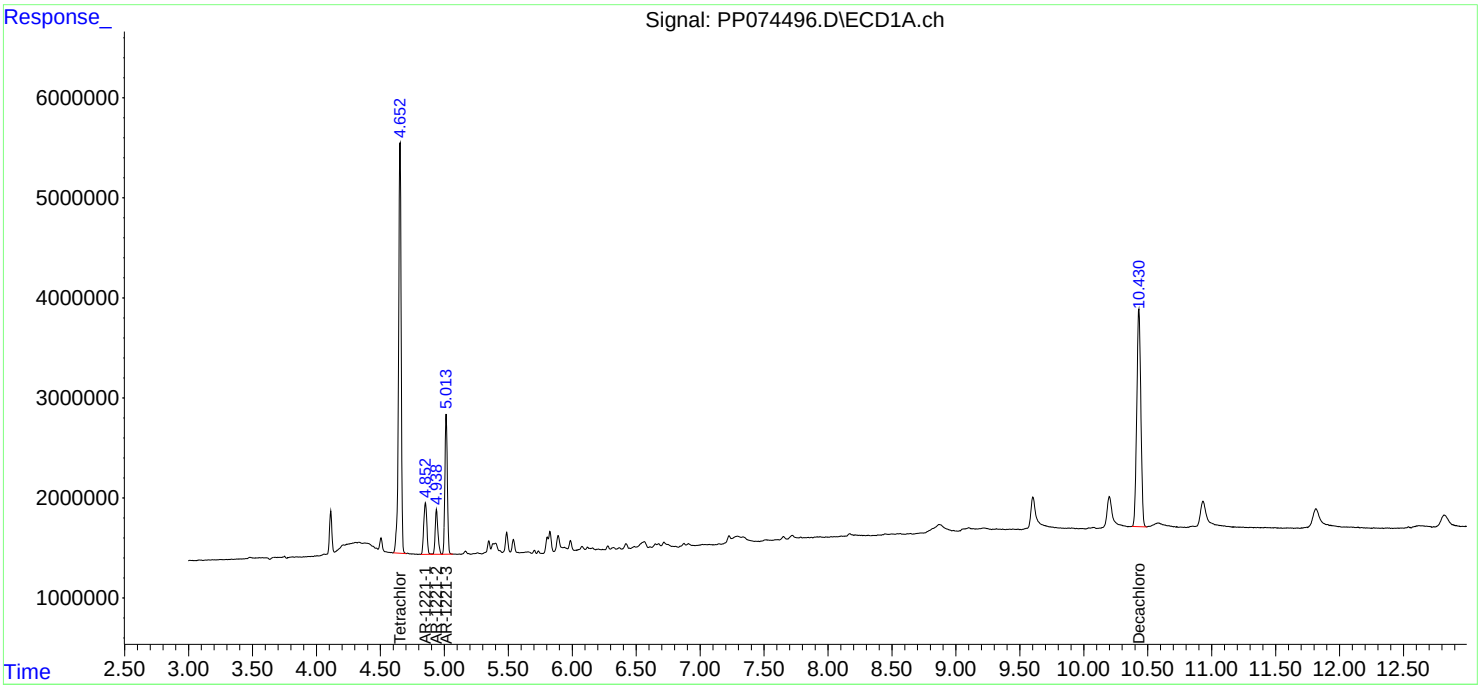
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

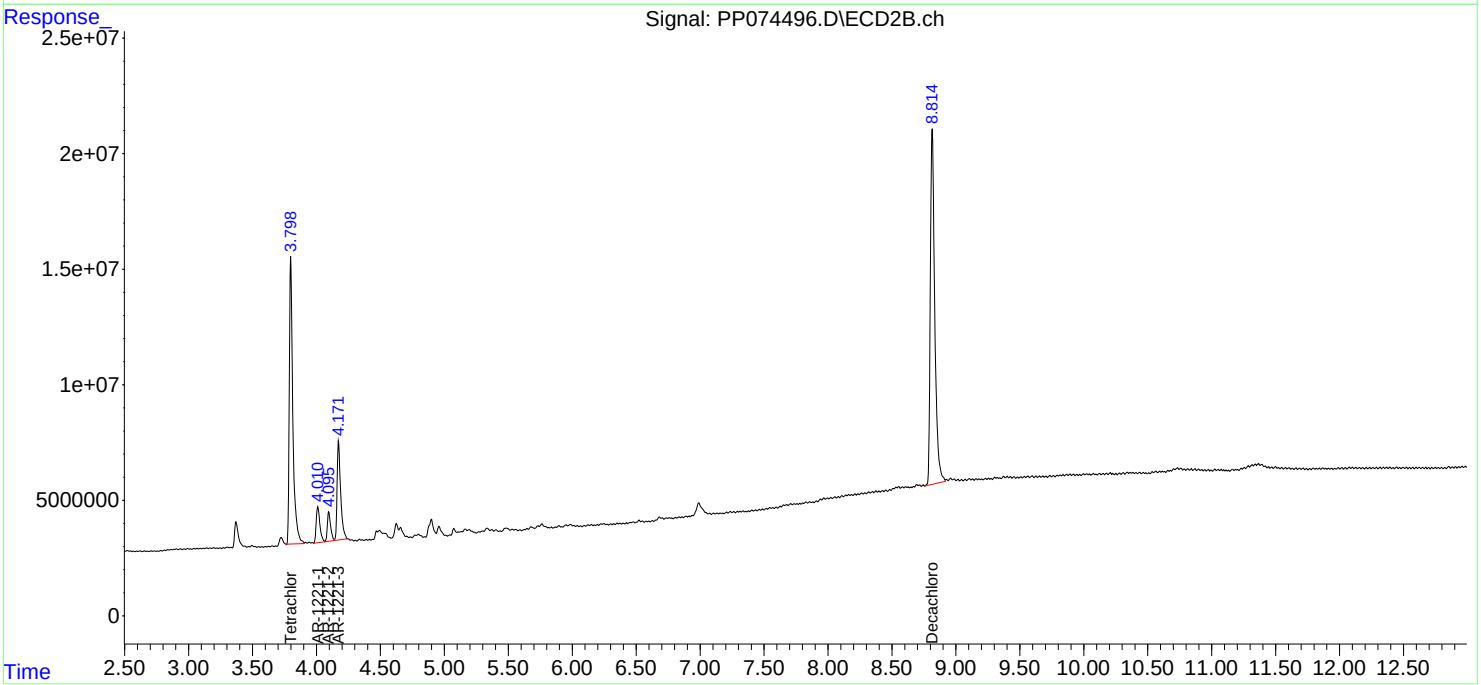
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:23
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 11:40:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 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...	4.655	3.799	58746394	255.4E6	50.000	50.000
2)	SA Decachlor...	10.434	8.815	49336755	375.4E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	5.016	4.172	15186953	64047715	500.000	500.000
12)	L3 AR-1232-2	5.542	4.899	7879113	115.9E6	500.000	500.000
13)	L3 AR-1232-3	5.828	5.076	15271847	30029881	500.000	500.000
14)	L3 AR-1232-4	5.988	5.157	8634636	36853690	500.000	505.838m
15)	L3 AR-1232-5	6.077	5.332	6490477	31041901	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

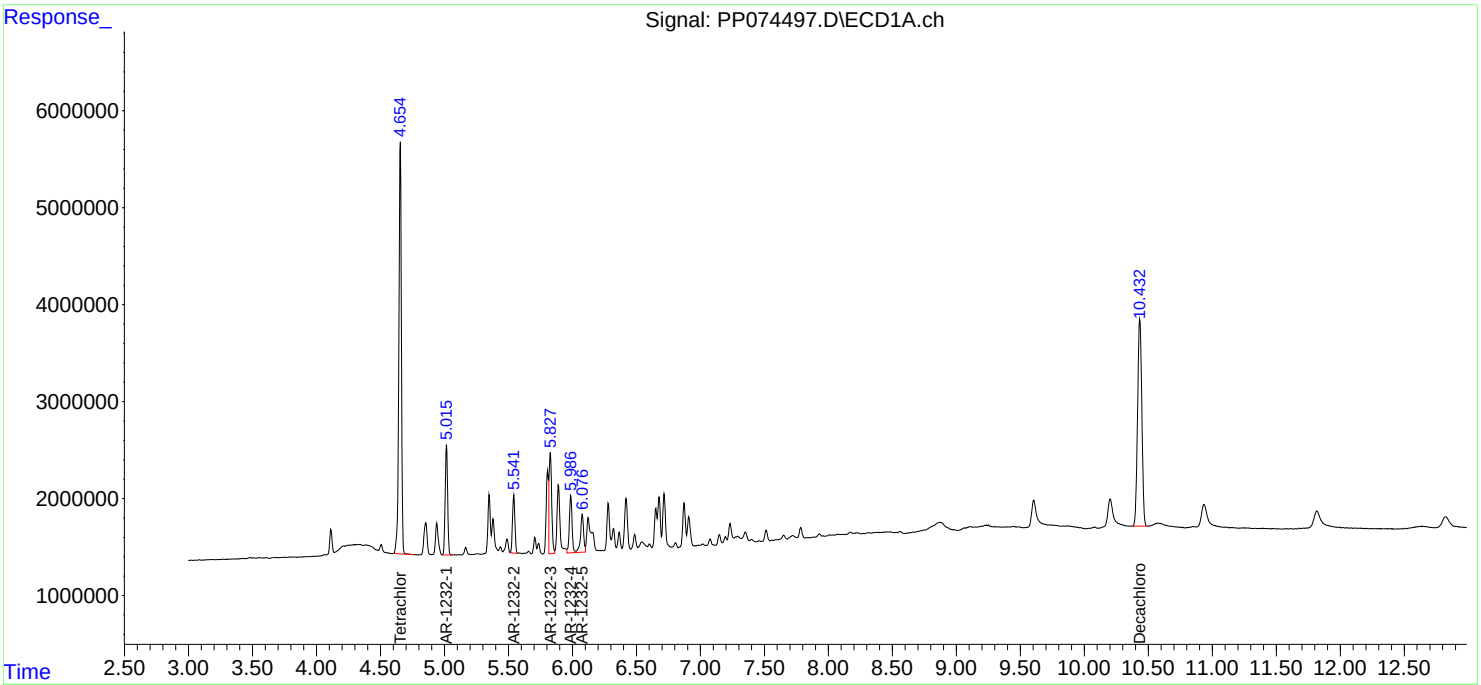
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

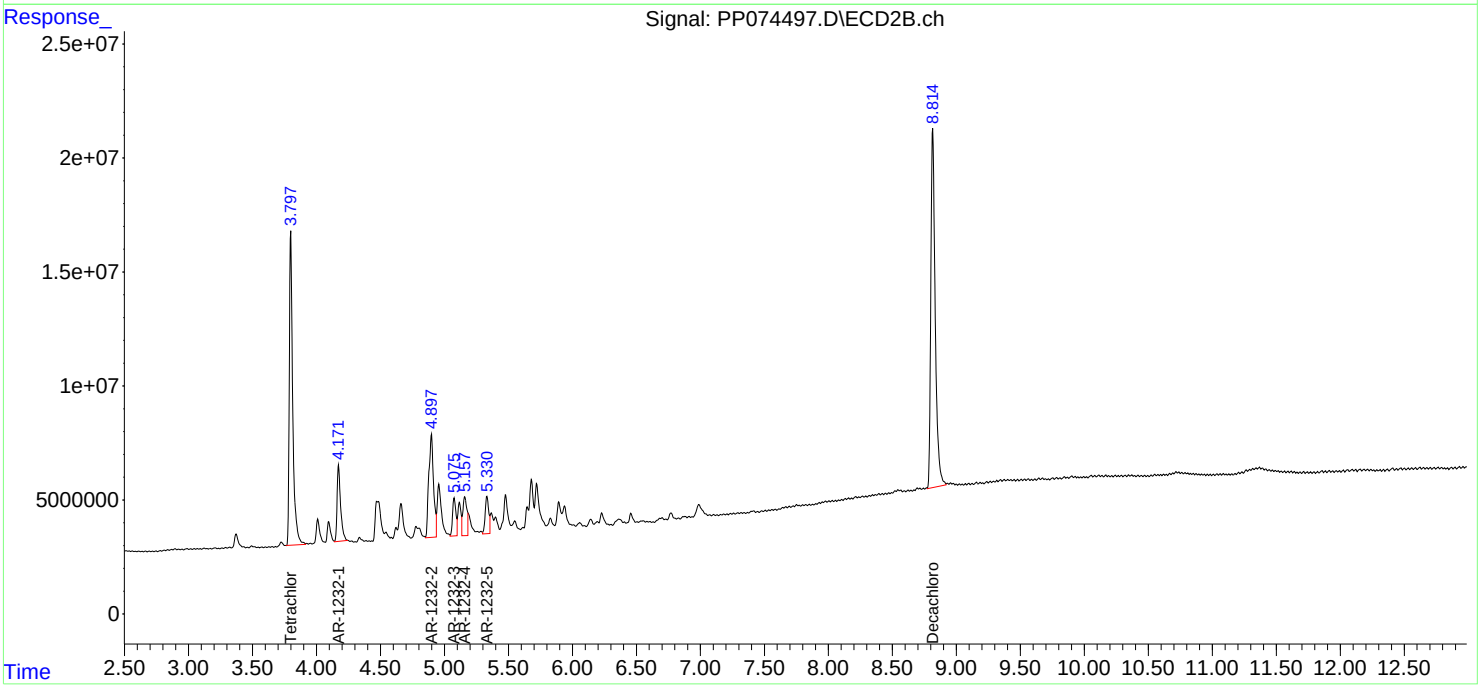
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	110.2E6	555.2E6	94.277	102.648
2)	SA Decachlor...	10.434	8.816	94257109	743.9E6	92.733	97.953
	Target Compounds						
16)	L4 AR-1242-1	5.807	4.900	33534775	426.2E6	928.998	984.768
17)	L4 AR-1242-2	5.828	4.957	50582395	203.0E6	932.415	985.806
18)	L4 AR-1242-3	5.892	5.076	33349694	114.7E6	909.705	983.673
19)	L4 AR-1242-4	5.989	5.158	27192200	162.8E6	920.414	981.770m
20)	L4 AR-1242-5	6.718	5.681	29731727	176.2E6	923.938	949.598

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

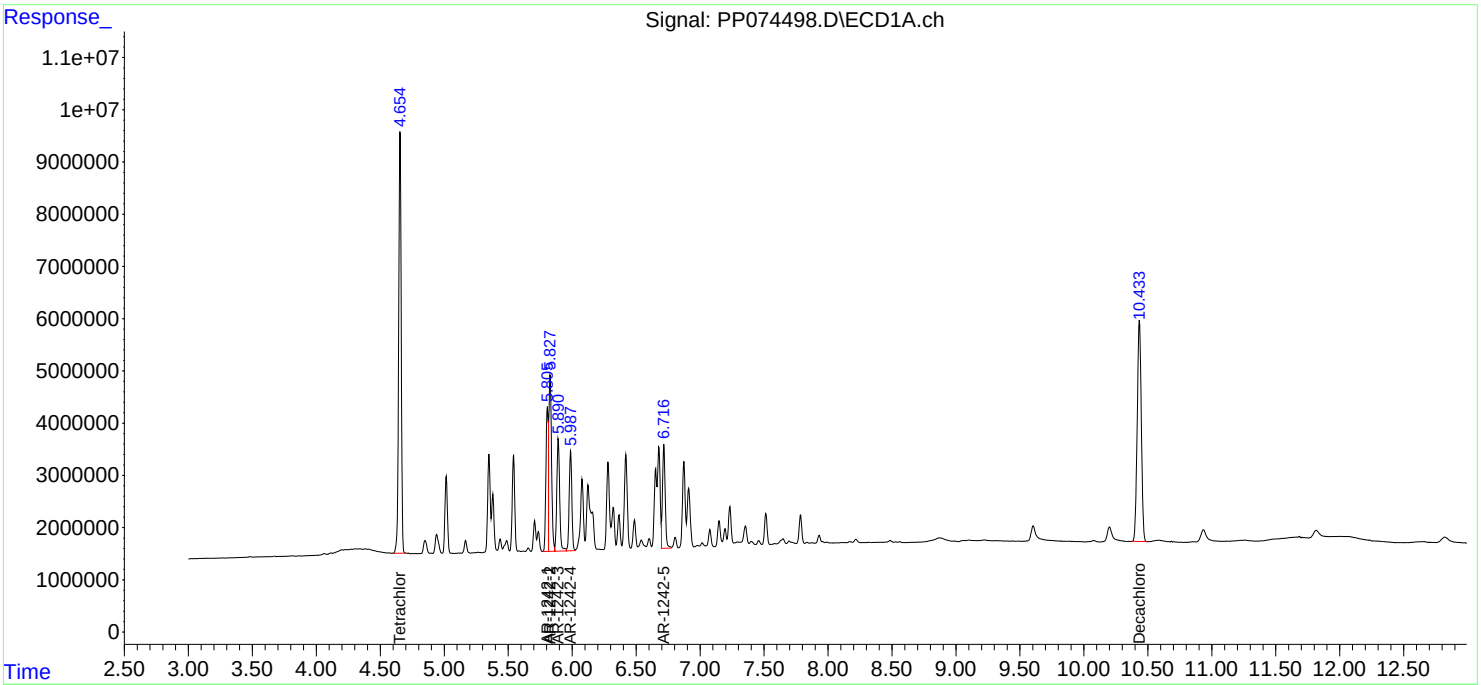
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

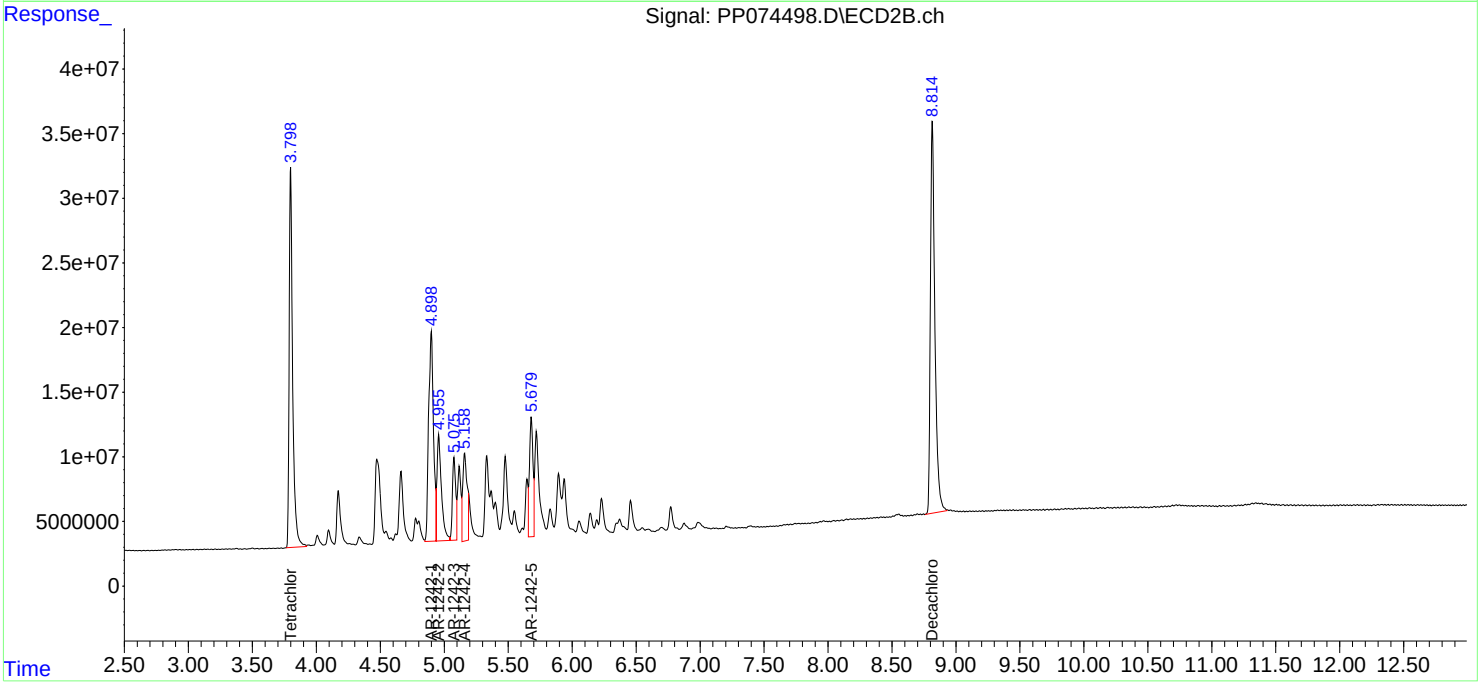
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.802	86349070	412.2E6	74.262	75.797
2)	SA Decachlor...	10.437	8.817	74892062	573.5E6	74.115	75.344
	Target Compounds						
16)	L4 AR-1242-1	5.809	4.901	26397194	324.0E6	737.408	749.001
17)	L4 AR-1242-2	5.831	4.960	39340318	155.5E6	733.271	753.574
18)	L4 AR-1242-3	5.894	5.078	26560976	89250623	732.822	760.349
19)	L4 AR-1242-4	5.991	5.162	21474232	119.5E6	734.419	741.577m
20)	L4 AR-1242-5	6.720	5.682	23050385	144.9E6	727.198	770.068

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

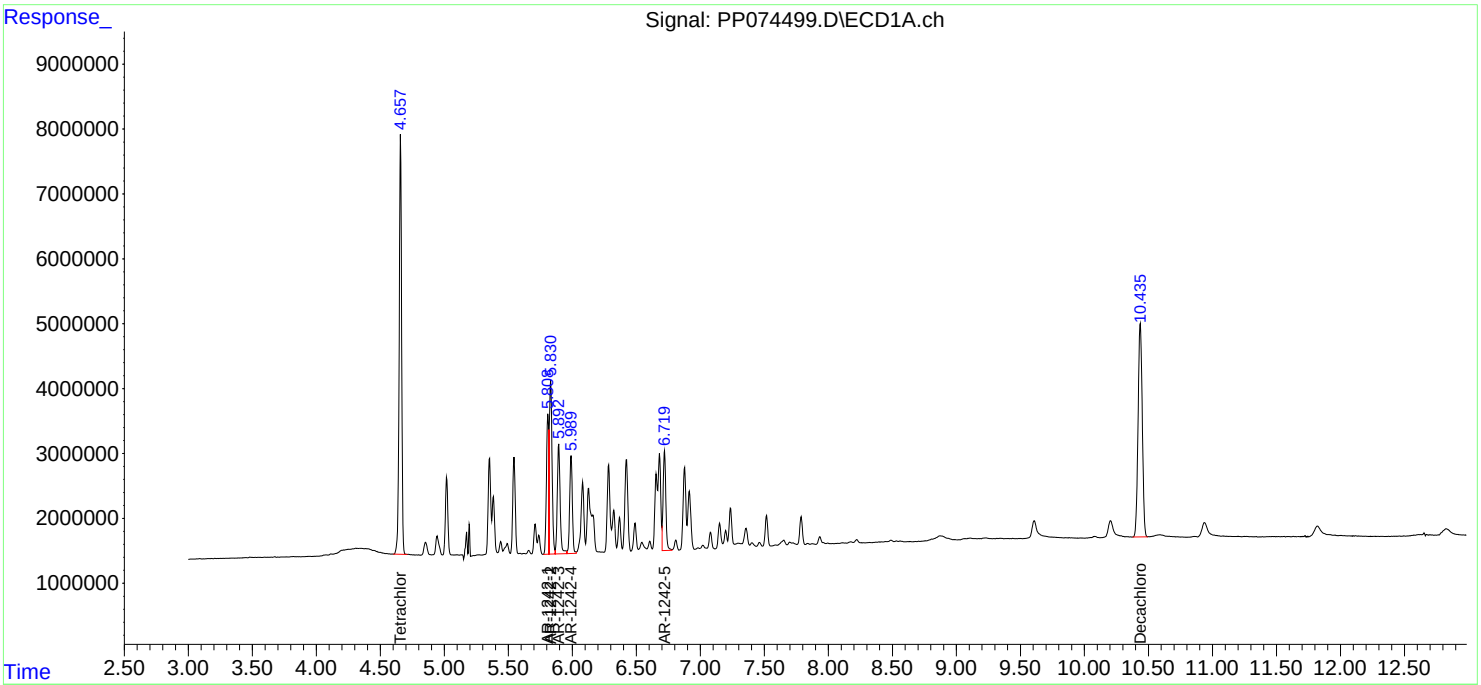
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

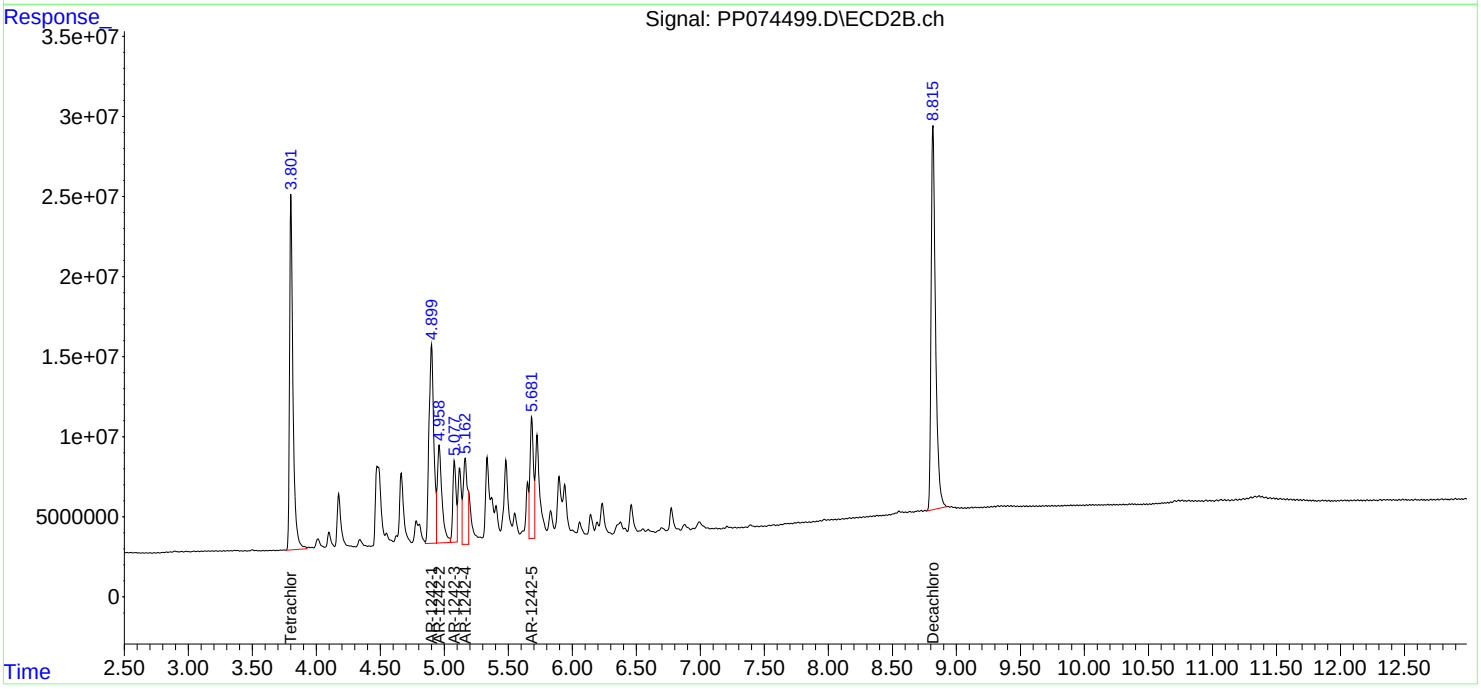
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	61768053	263.3E6	50.000	50.000
2)	SA Decachlor...	10.434	8.814	54515432	387.5E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.807	4.898	19330395	219.7E6	500.000	500.000
17)	L4 AR-1242-2	5.828	4.957	28957608	104.4E6	500.000	500.000
18)	L4 AR-1242-3	5.891	5.076	19985033	59237210	500.000	500.000
19)	L4 AR-1242-4	5.988	5.159	15947348	84962372	500.000	493.889m
20)	L4 AR-1242-5	6.717	5.679	17313490	97476940	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

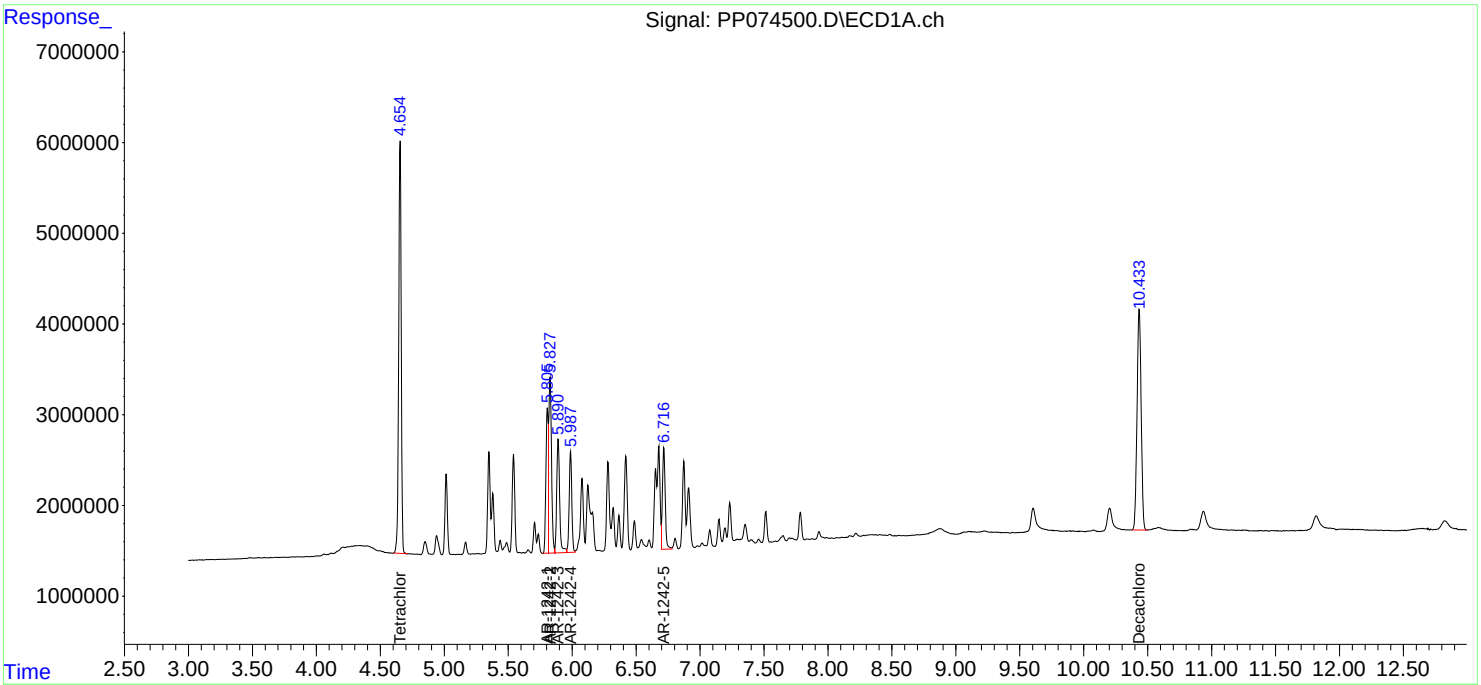
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

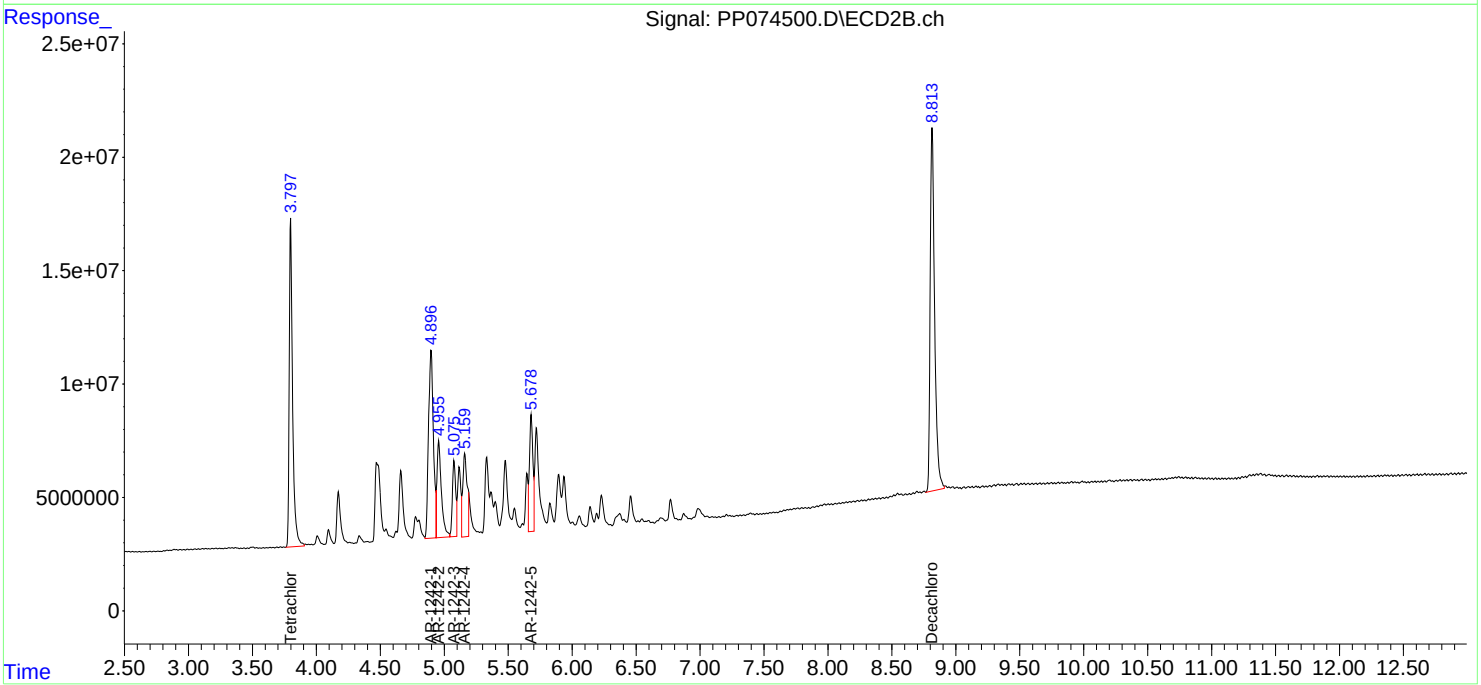
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.802	31800678	118.0E6	26.721	22.435
2)	SA Decachlor...	10.437	8.817	28324807	184.7E6	27.206	24.441
	Target Compounds						
16)	L4 AR-1242-1	5.810	4.901	10310435	106.8E6	277.473	247.620
17)	L4 AR-1242-2	5.831	4.959	15526062	51090902	278.425	248.140
18)	L4 AR-1242-3	5.894	5.079	10970993	31438734	287.541	263.142
19)	L4 AR-1242-4	5.991	5.161	8954111	42481198	289.928	257.799m
20)	L4 AR-1242-5	6.720	5.682	9712723	49681879	290.054	260.430

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

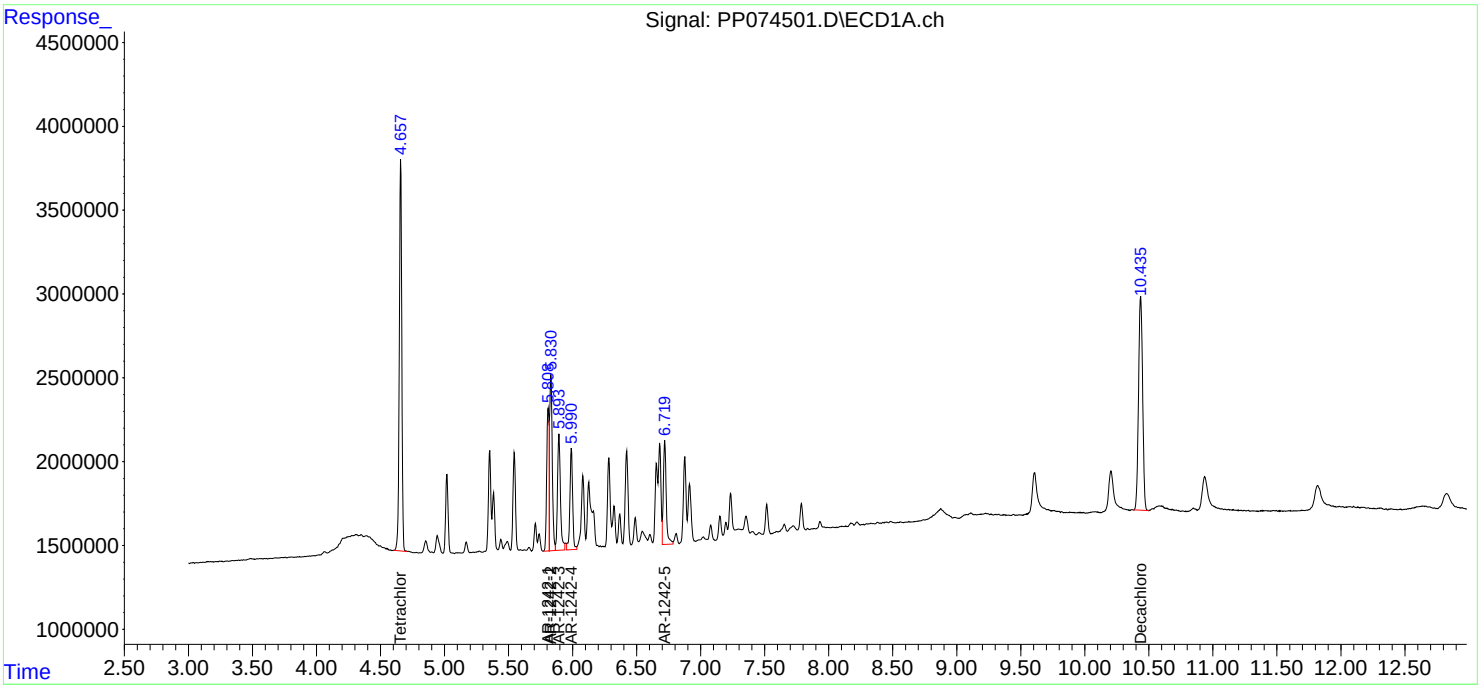
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

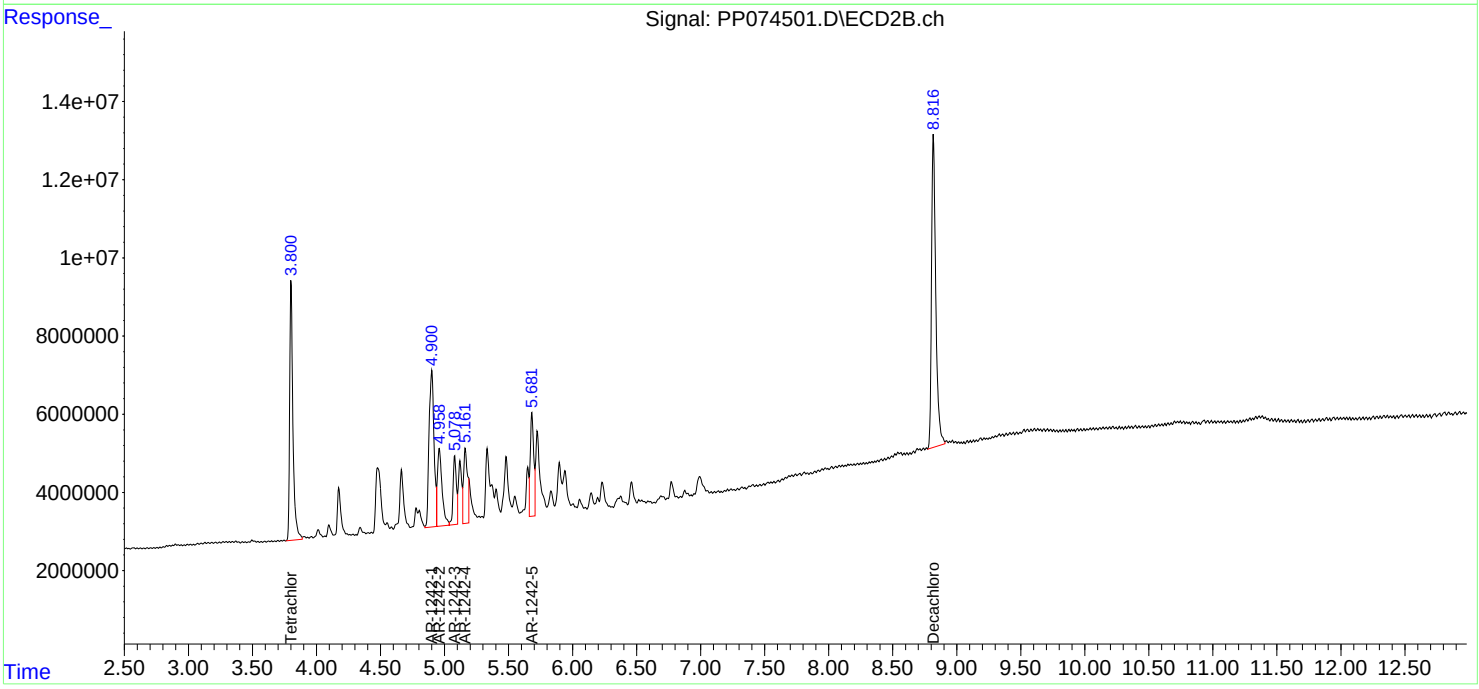
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.798	6391941	16722681	5.292	3.430 #
2)	SA Decachlor...	10.435	8.815	5418588	33484970	5.162	4.535
	Target Compounds						
16)	L4 AR-1242-1	5.806	4.899	2137122	19201283	56.071m	45.527
17)	L4 AR-1242-2	5.828	4.955	2967713	8891532	52.817m	44.395
18)	L4 AR-1242-3	5.891	5.077	2519809	5679652	61.812m	48.011
19)	L4 AR-1242-4	5.987	5.156	1758680	9687724	54.251m	58.359m
20)	L4 AR-1242-5	6.717	5.680	2320479	8137241	65.686m	43.946 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

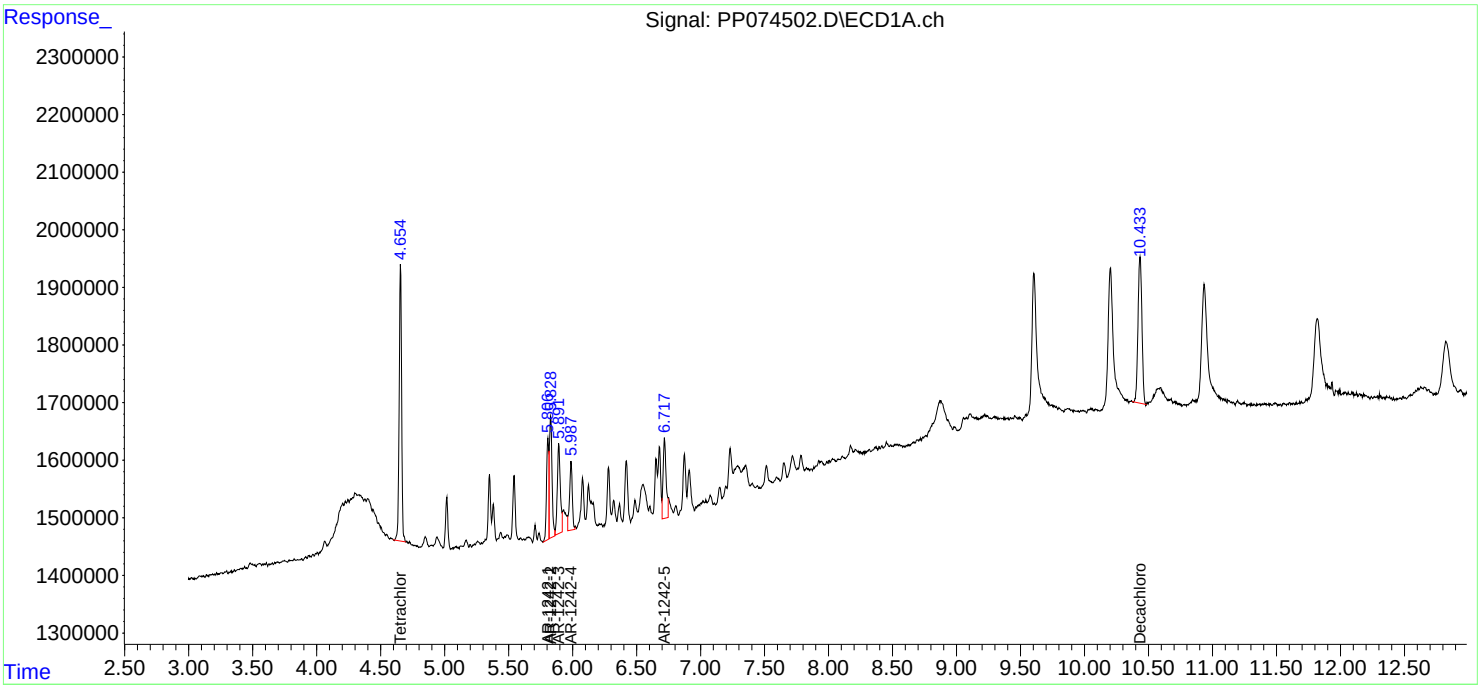
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

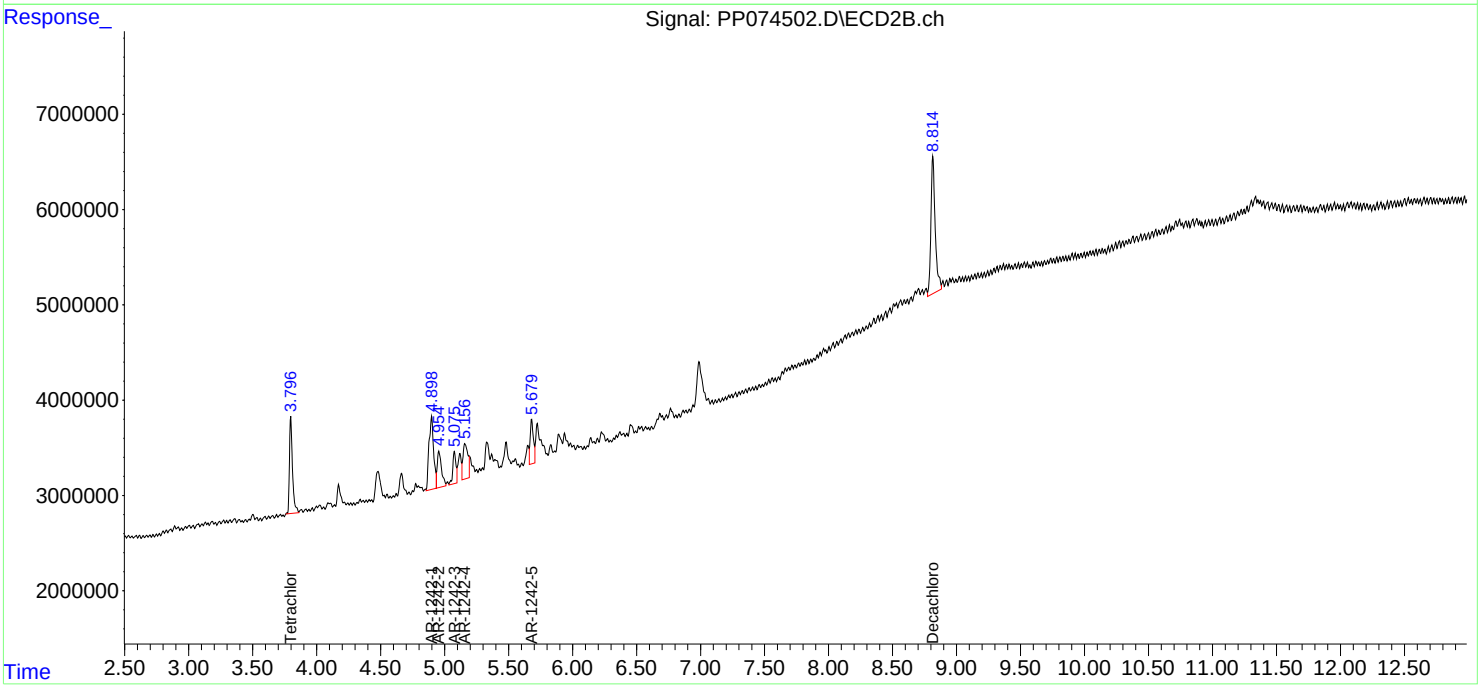
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.800	110.1E6	492.2E6	91.706	99.983
2)	SA Decachlor...	10.435	8.815	95099389	736.2E6	88.794	93.998
	Target Compounds						
21)	L5 AR-1248-1	5.806	4.897	26825393	276.8E6	869.659	941.101
22)	L5 AR-1248-2	6.078	5.118	37601198	170.4E6	870.163	925.395
23)	L5 AR-1248-3	6.281	5.157	41457218	216.9E6	885.508	952.815m
24)	L5 AR-1248-4	6.679	5.331	47576379	216.0E6	874.270	940.843
25)	L5 AR-1248-5	6.718	5.721	47007884	365.9E6	868.926	946.465

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

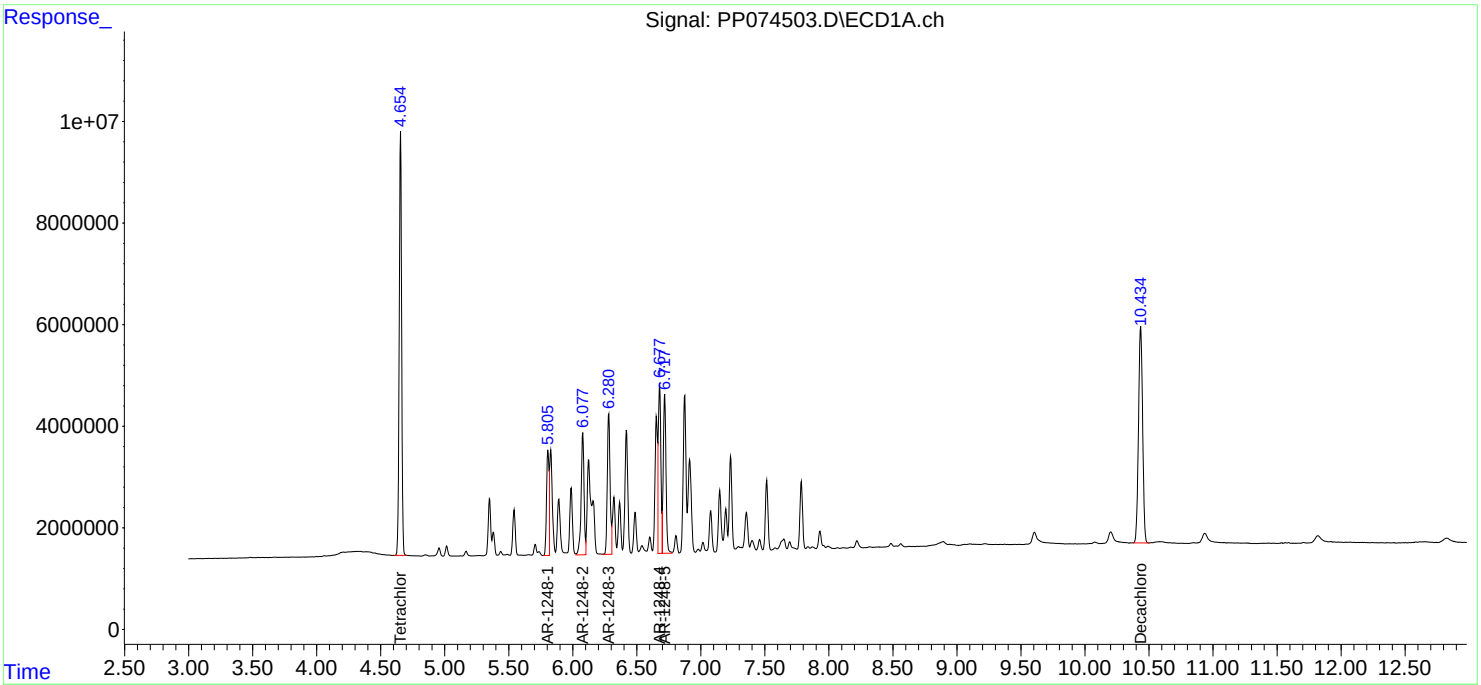
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

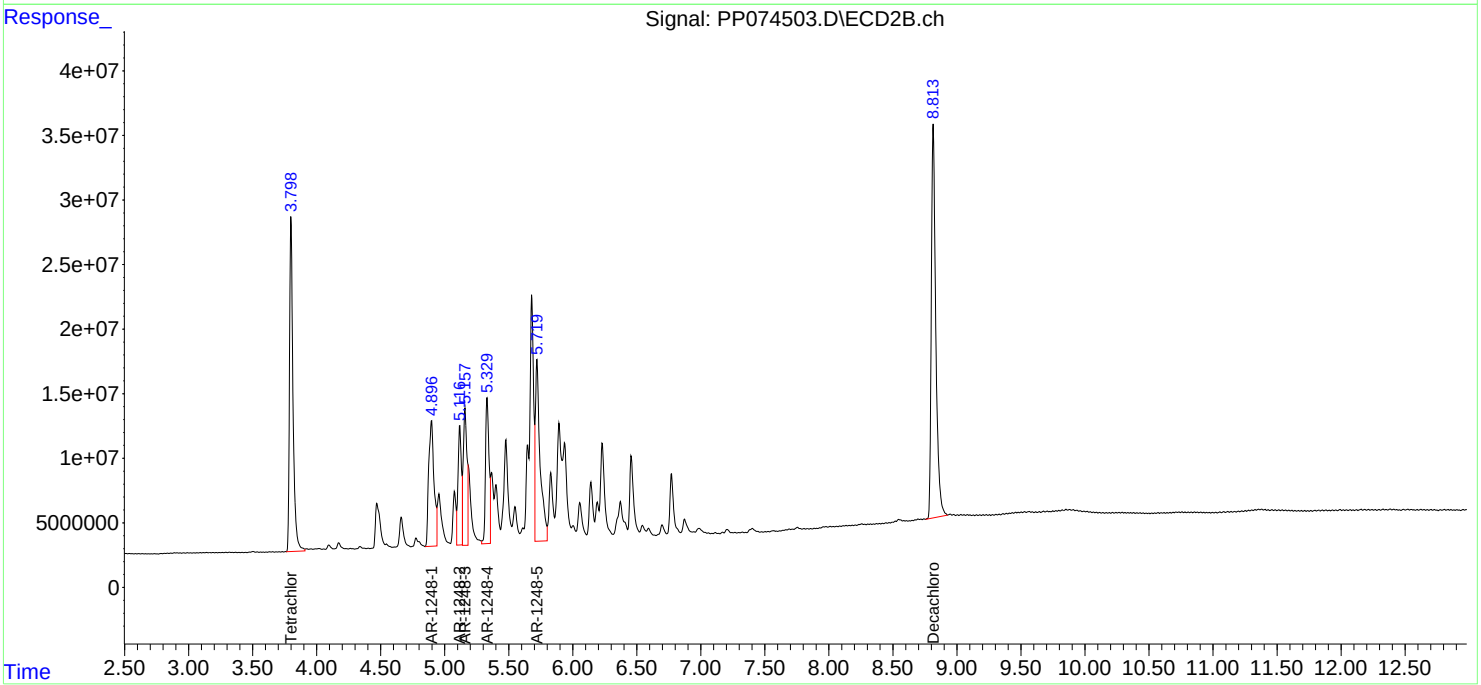
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.803	86008422	395.4E6	71.640	80.329
2)	SA Decachlor...	10.439	8.818	75691794	571.8E6	70.673	72.999
	Target Compounds						
21)	L5 AR-1248-1	5.810	4.902	21304287	204.7E6	690.669	696.142
22)	L5 AR-1248-2	6.082	5.122	29923107	132.7E6	692.477	720.722
23)	L5 AR-1248-3	6.284	5.161	32832116	177.7E6	701.279	780.792m
24)	L5 AR-1248-4	6.682	5.334	38171735	166.6E6	701.449	725.726
25)	L5 AR-1248-5	6.721	5.724	37544119	283.6E6	693.991	733.686

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

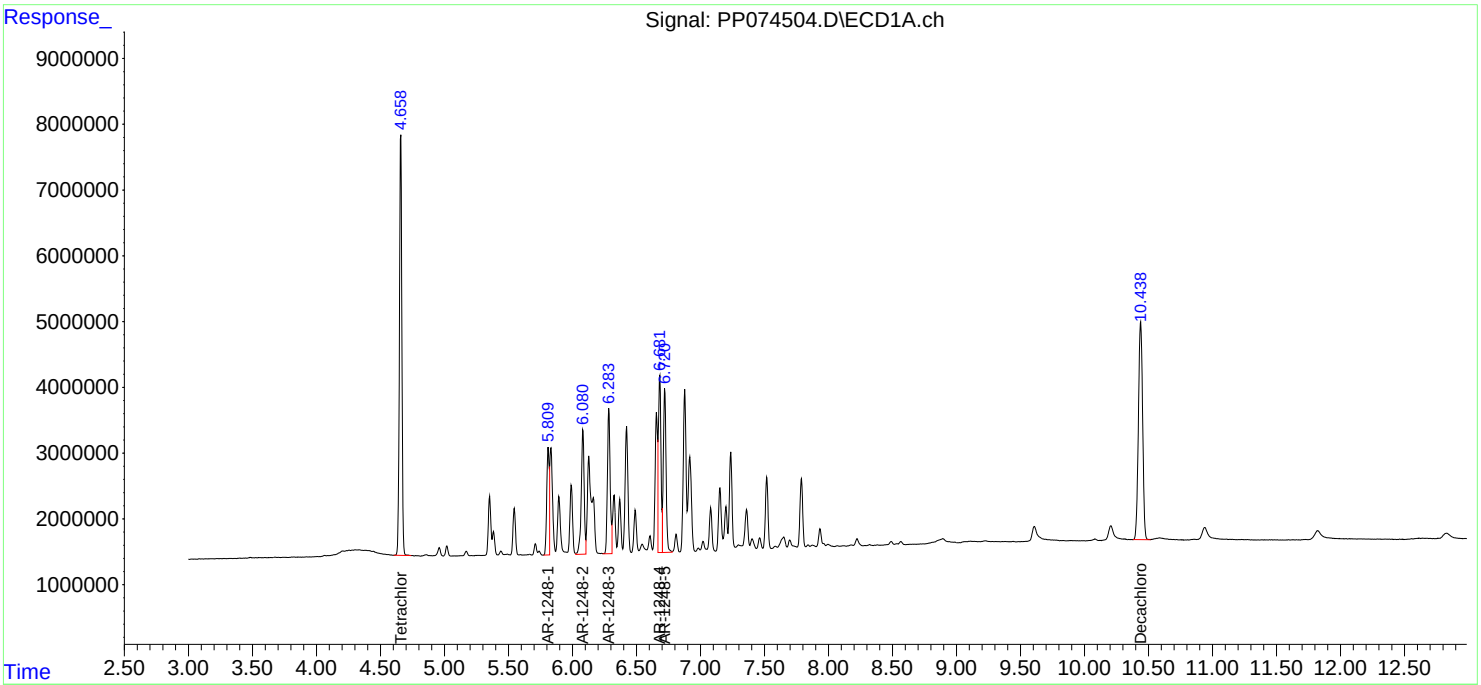
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

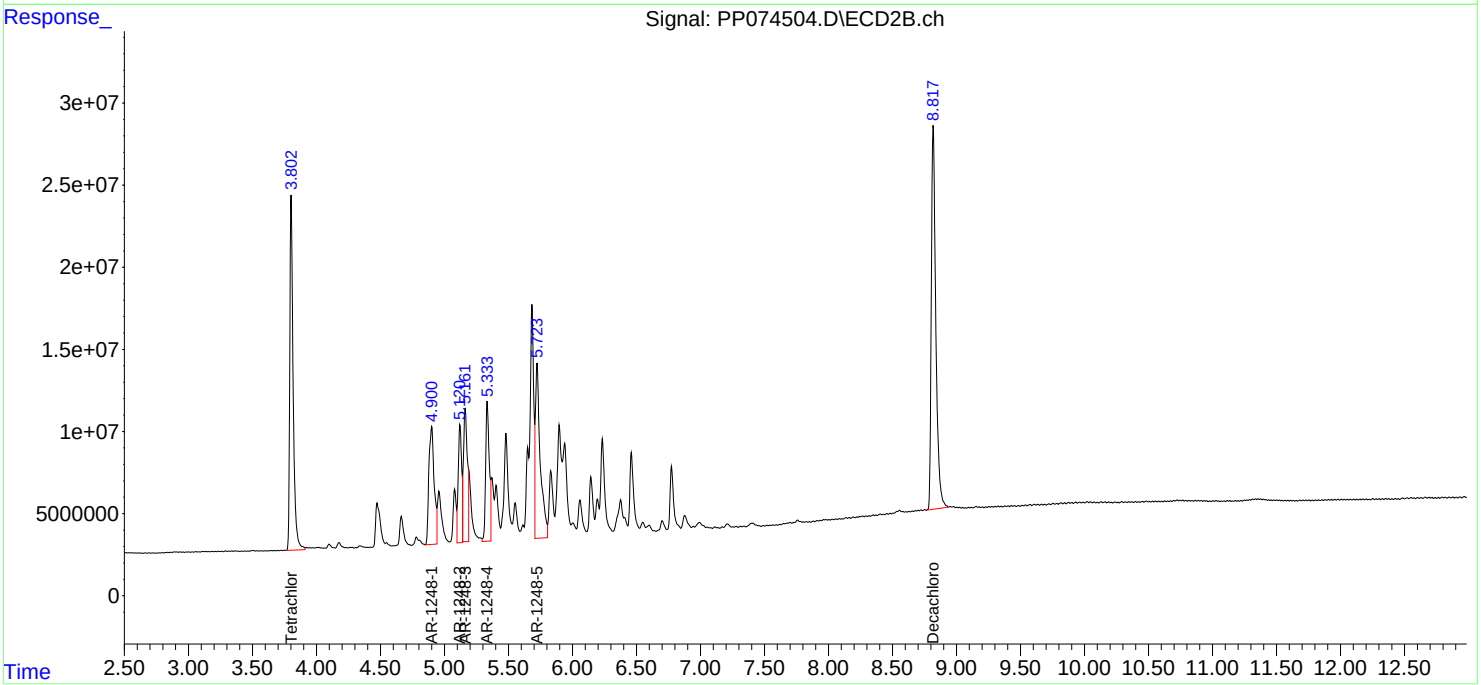
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.801	60028320	246.1E6	50.000	50.000
2)	SA Decachlor...	10.435	8.815	53550623	391.6E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.807	4.899	15422936	147.1E6	500.000	500.000
22)	L5 AR-1248-2	6.078	5.119	21605843	92083909	500.000	500.000
23)	L5 AR-1248-3	6.281	5.159	23408730	113.0E6	500.000	496.516m
24)	L5 AR-1248-4	6.679	5.331	27209215	114.8E6	500.000	500.000
25)	L5 AR-1248-5	6.718	5.721	27049432	193.3E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

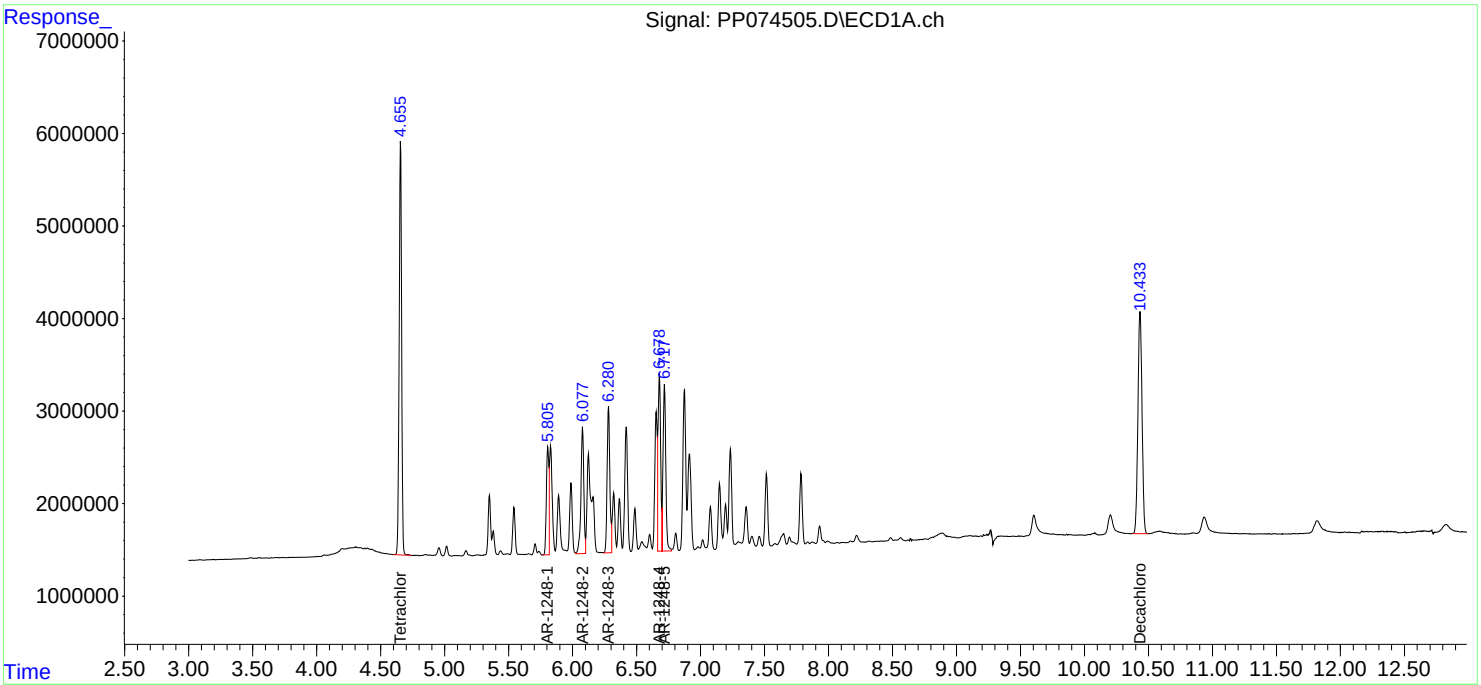
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

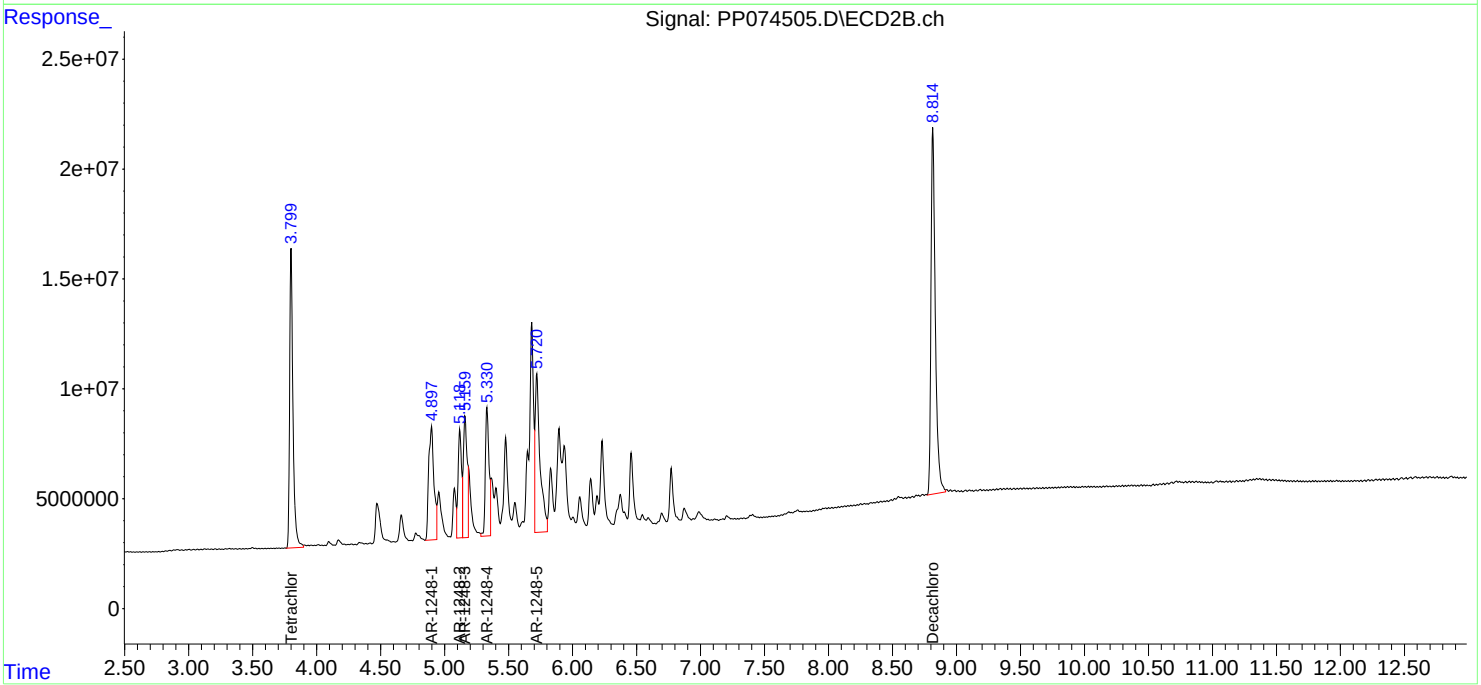
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.800	31924312	118.9E6	26.591	24.146
2)	SA Decachlor...	10.436	8.815	29199630	195.8E6	27.264	24.994
	Target Compounds						
21)	L5 AR-1248-1	5.808	4.899	8518595	71878916	276.166	244.395
22)	L5 AR-1248-2	6.080	5.119	12195931	47171019	282.237	256.131
23)	L5 AR-1248-3	6.282	5.159	12988856	58195671	277.436	255.666m
24)	L5 AR-1248-4	6.680	5.333	15166776	55484288	278.707	241.660
25)	L5 AR-1248-5	6.719	5.722	15479077	98298762	286.126	254.267

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

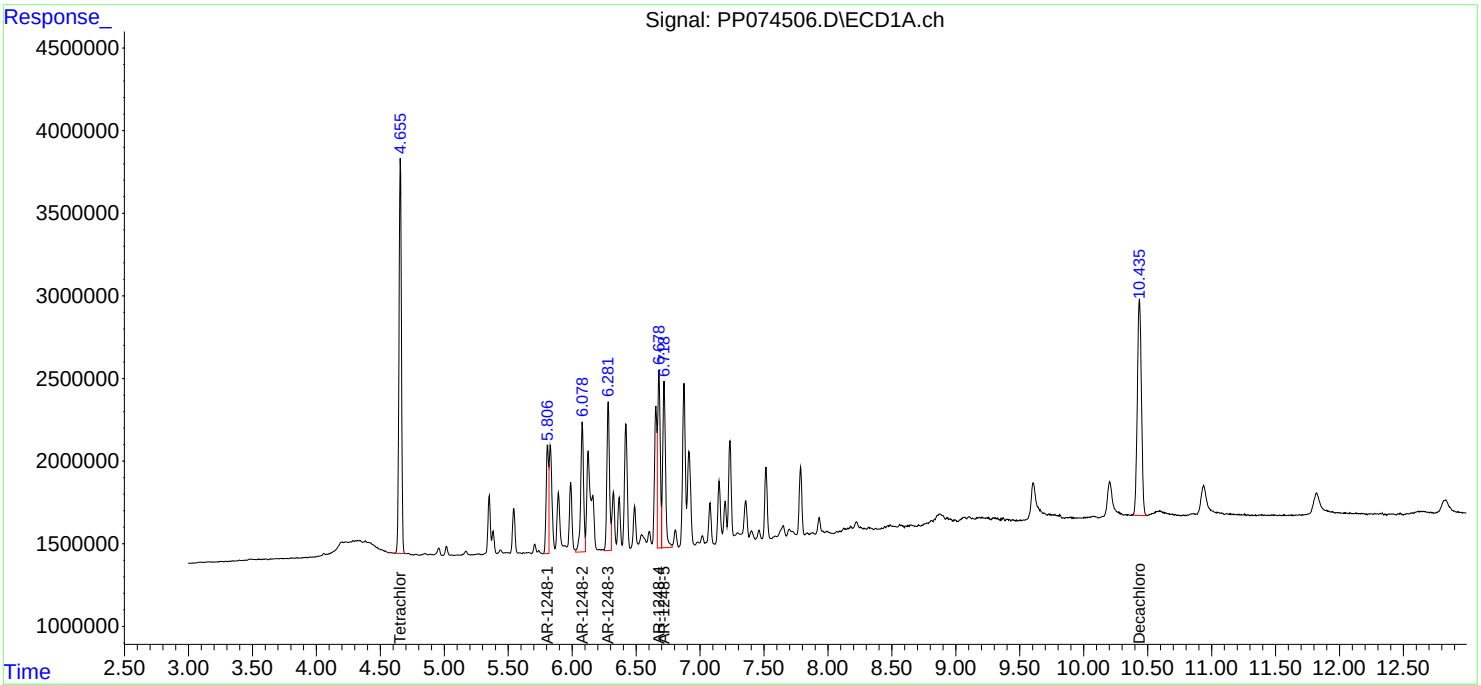
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

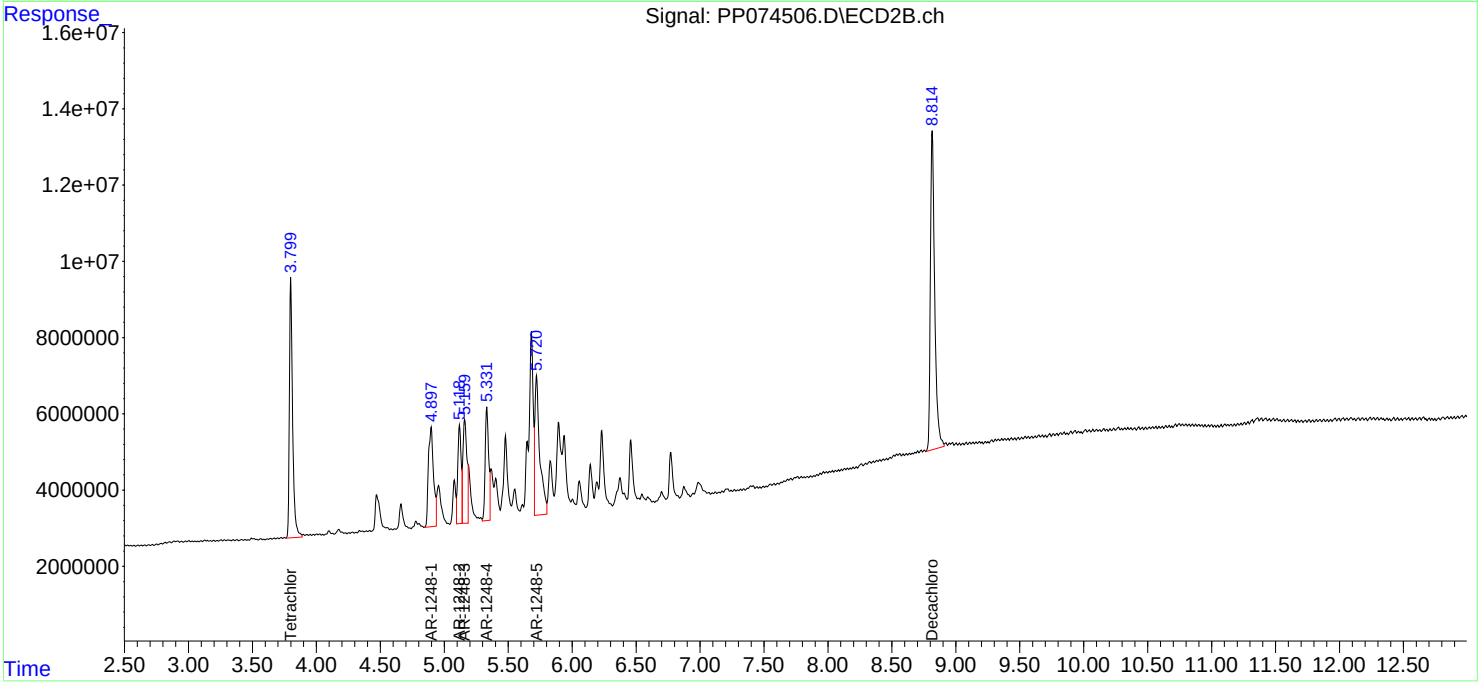
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	6057310	15338885	5.045	3.116 #
2)	SA Decachlor...	10.435	8.816	5286868	30885168	4.936	3.943
	Target Compounds						
21)	L5 AR-1248-1	5.807	4.899	1548436	12465555	50.199	42.384
22)	L5 AR-1248-2	6.076	5.120	2299309	8175959	53.210m	44.394
23)	L5 AR-1248-3	6.281	5.159	2475589	11167270	52.877	49.060
24)	L5 AR-1248-4	6.678	5.331	3072323	10019619	56.457	43.640
25)	L5 AR-1248-5	6.716	5.720	3213520	15636577	59.401m	40.447m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

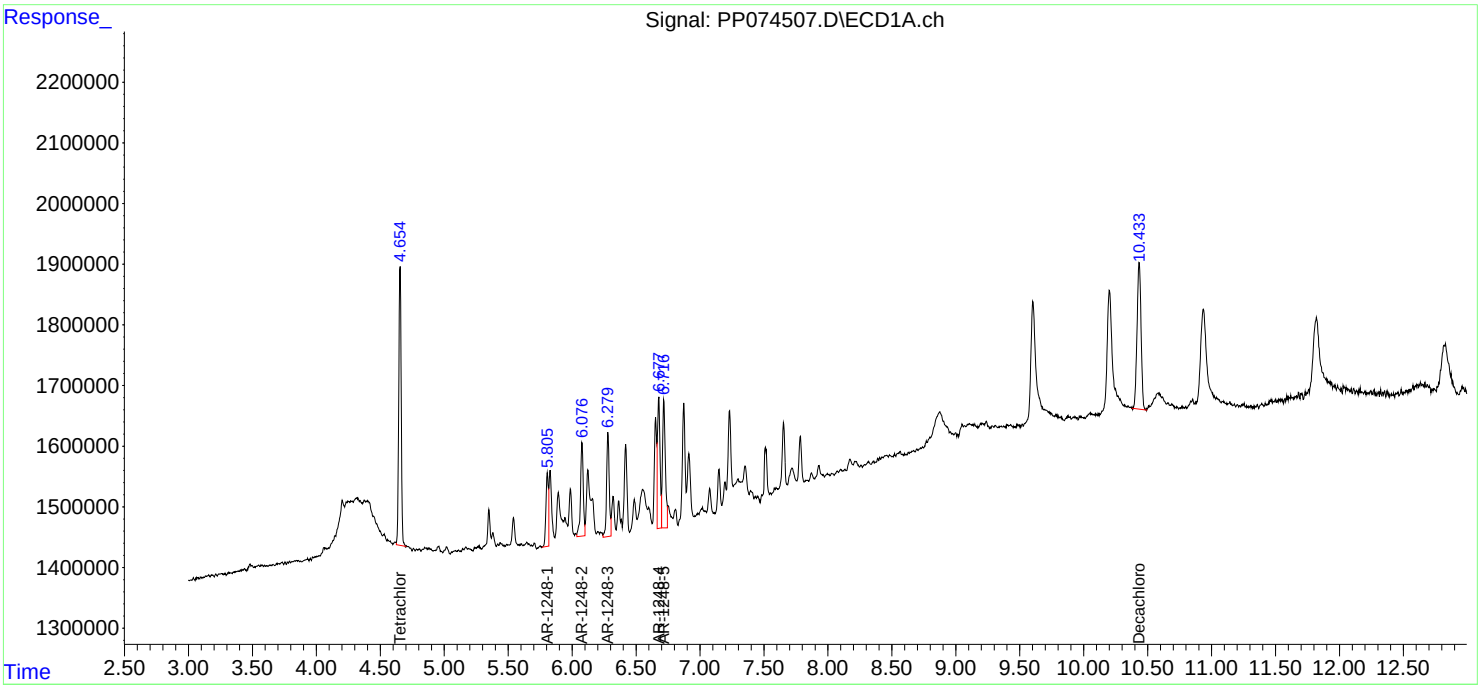
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

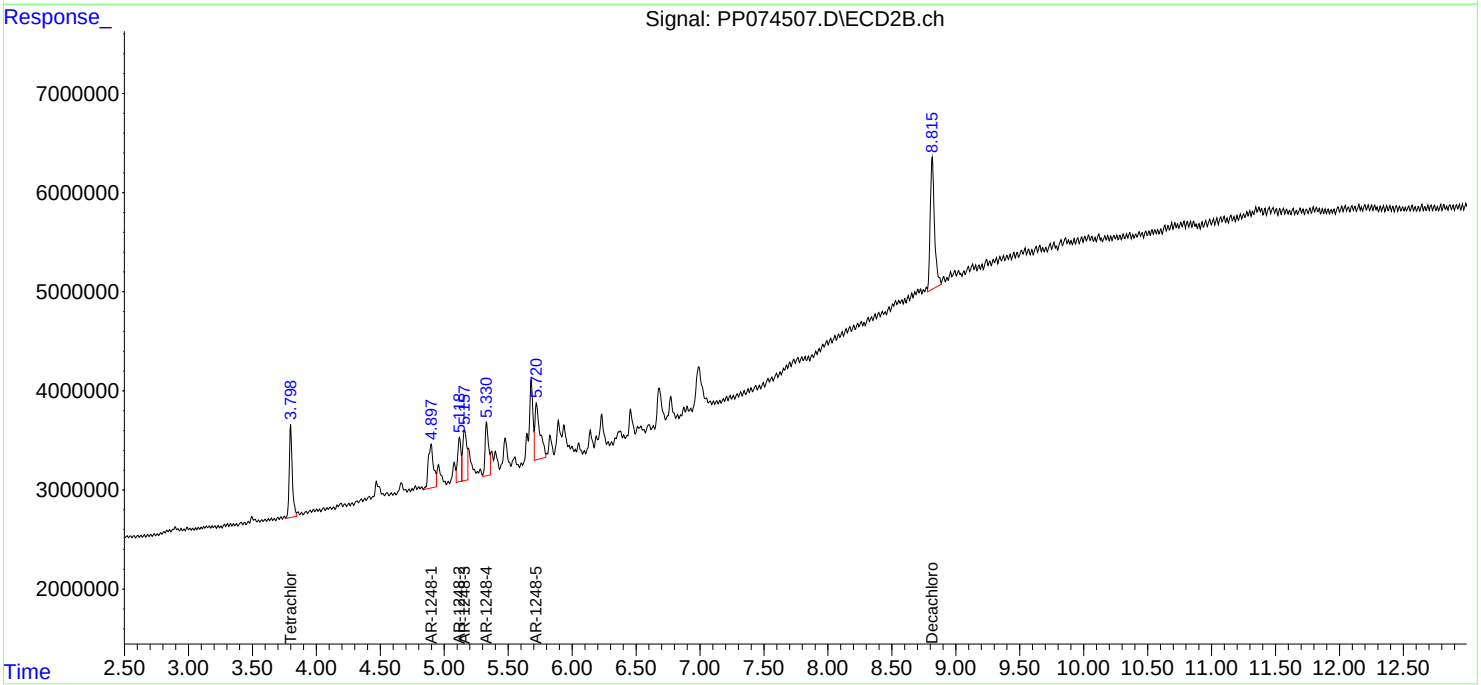
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:32:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.803	107.5E6	508.3E6	90.613	102.092
2)	SA Decachlor...	10.437	8.817	95581017	757.0E6	91.315	99.926
	Target Compounds						
26)	L6 AR-1254-1	6.658	5.685	48507797	450.8E6	823.624m	912.704
27)	L6 AR-1254-2	6.875	5.832	68997007	327.6E6	867.960	937.272
28)	L6 AR-1254-3	7.237	6.235	75433146	632.2E6	882.576	952.736
29)	L6 AR-1254-4	7.518	6.462	56817907	465.7E6	882.596	941.555
30)	L6 AR-1254-5	7.935	6.877	71518563	494.0E6	880.319	989.665m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

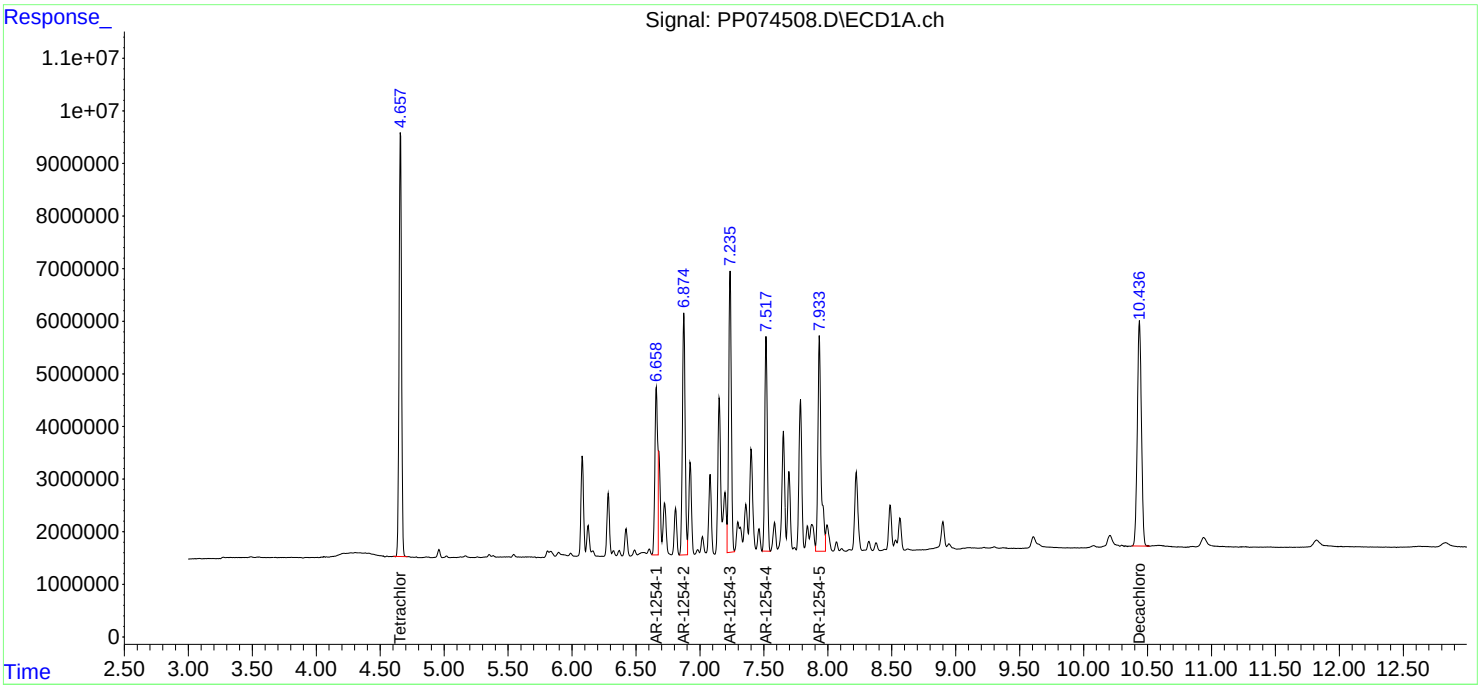
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

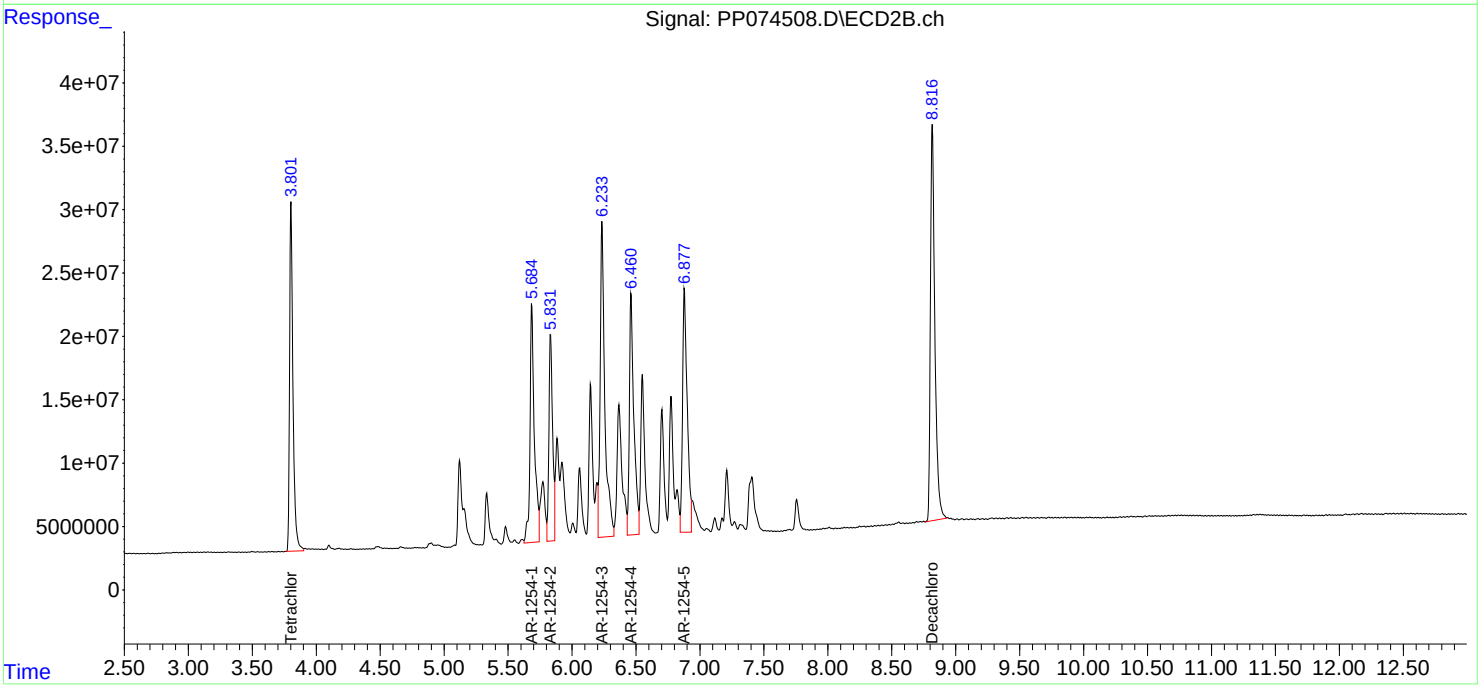
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:32:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.801	84355338	368.0E6	71.111	73.905
2)	SA Decachlor...	10.435	8.816	73886975	571.7E6	70.589	75.465
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.683	40199220	345.4E6	682.551m	699.283
27)	L6 AR-1254-2	6.873	5.830	55301971	262.7E6	695.681	751.609
28)	L6 AR-1254-3	7.235	6.232	60201798	489.0E6	704.368	736.926
29)	L6 AR-1254-4	7.516	6.459	45192418	356.9E6	702.008	721.543
30)	L6 AR-1254-5	7.932	6.874	57258258	388.6E6	704.789	778.375m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

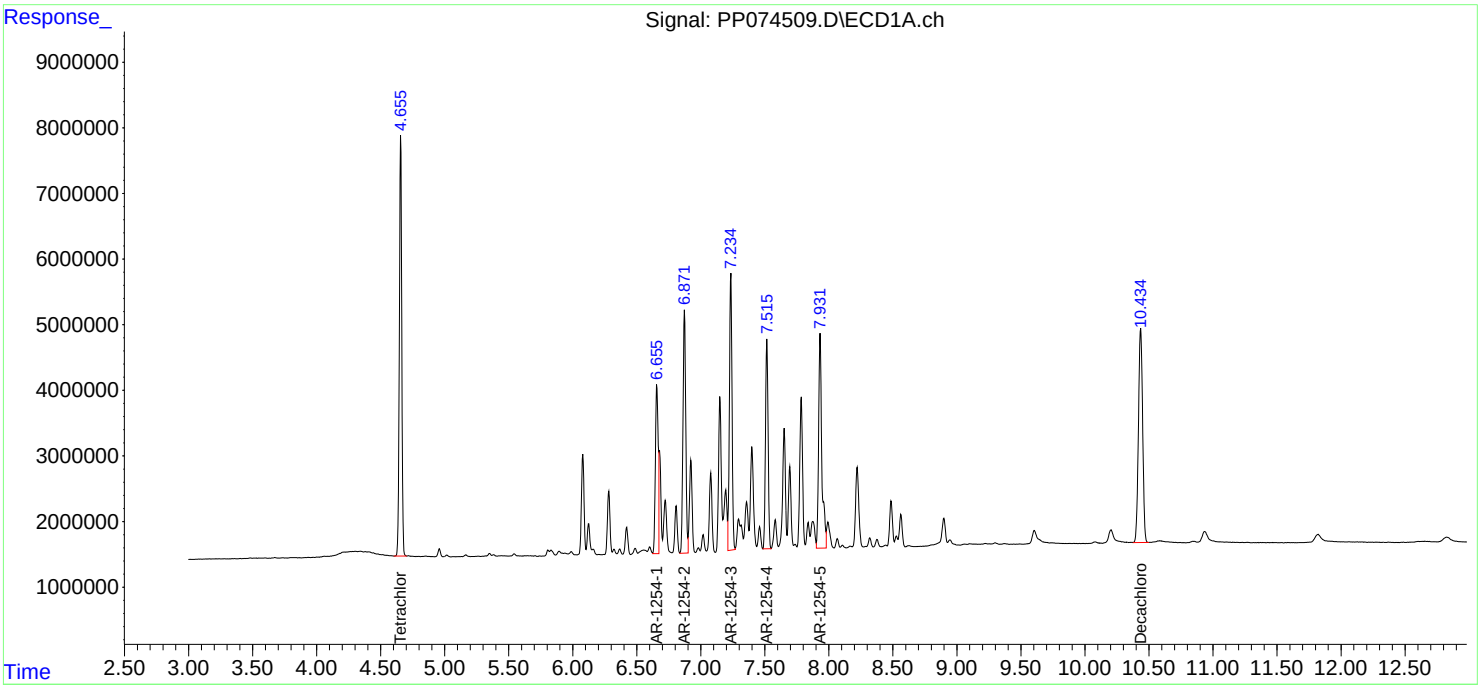
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

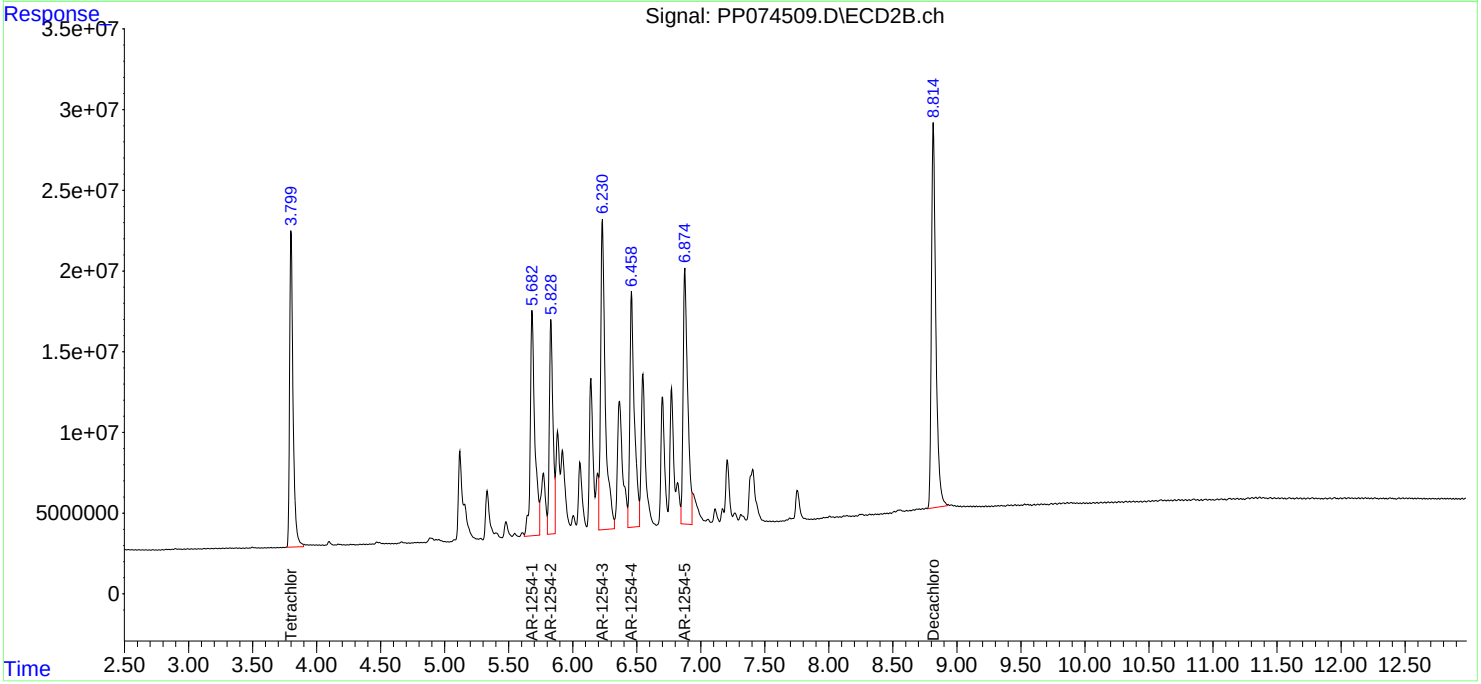
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.801	59312230	249.0E6	50.000	50.000
2)	SA Decachlor...	10.438	8.817	52335799	378.8E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.684	28511206	246.9E6	484.098m	500.000
27)	L6 AR-1254-2	6.874	5.831	39746657	174.8E6	500.000	500.000
28)	L6 AR-1254-3	7.236	6.233	42734643	331.8E6	500.000	500.000
29)	L6 AR-1254-4	7.517	6.459	32187957	247.3E6	500.000	500.000
30)	L6 AR-1254-5	7.934	6.877	40620840	249.6E6	500.000	500.000

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

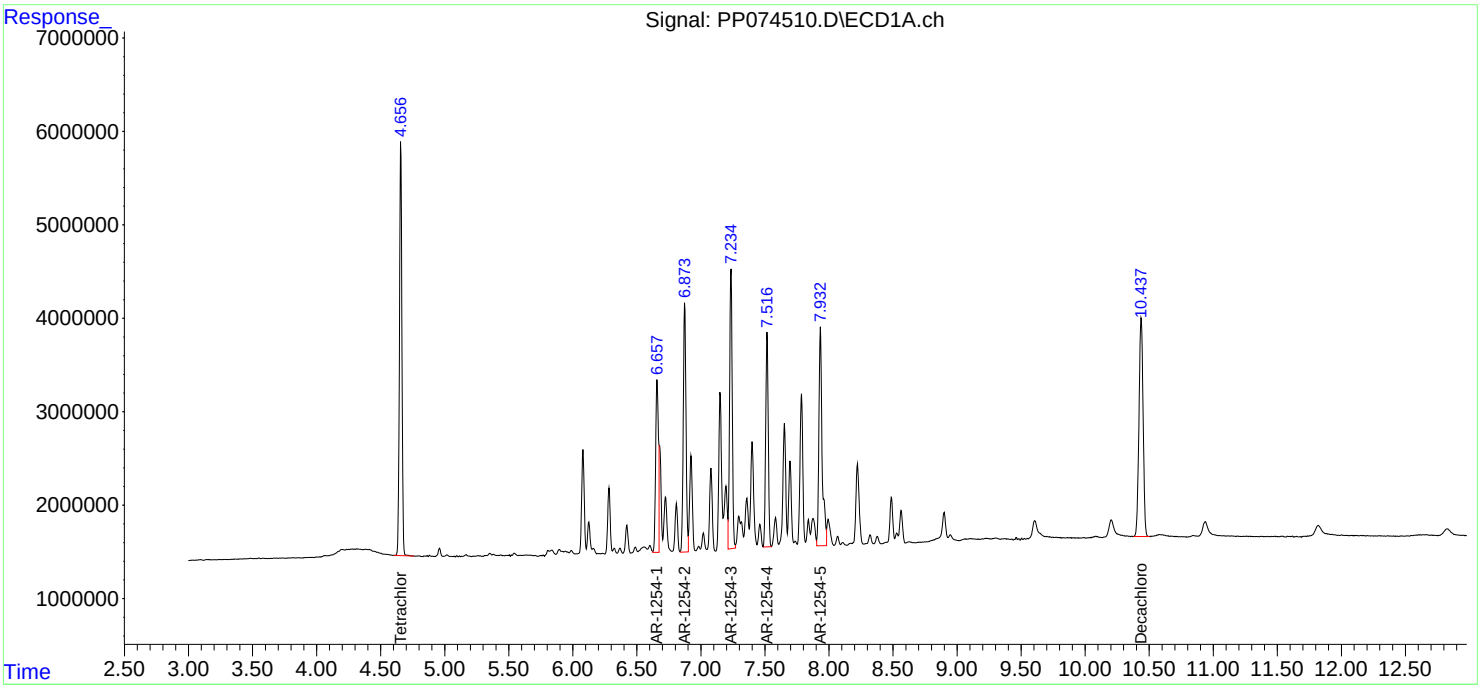
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

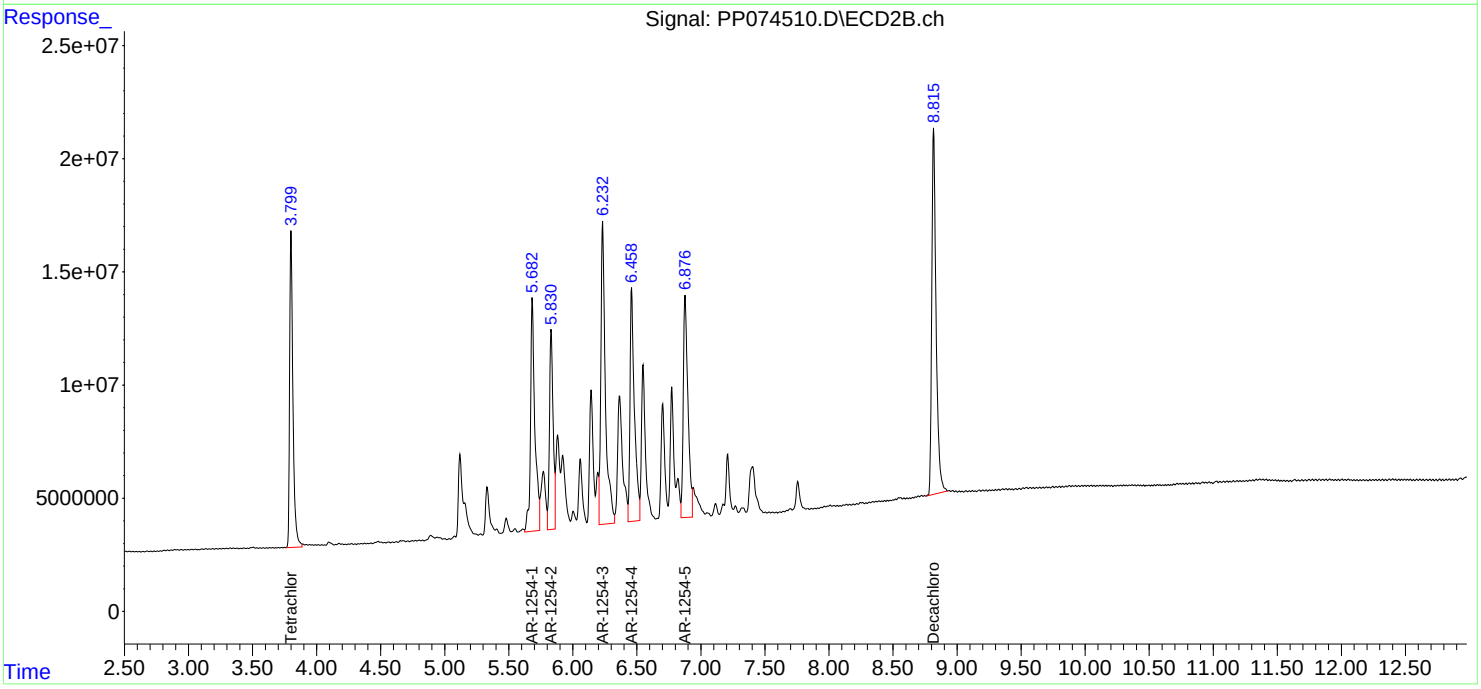
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.800	31994256	115.5E6	26.971	23.196
2)	SA Decachlor...	10.435	8.815	28652955	191.8E6	27.374	25.314
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.683	15890216	119.9E6	269.803m	242.811
27)	L6 AR-1254-2	6.873	5.829	22034196	89396429	277.183	255.763
28)	L6 AR-1254-3	7.234	6.233	23677562	156.6E6	277.030	235.946
29)	L6 AR-1254-4	7.516	6.458	17794501	118.2E6	276.416	238.941
30)	L6 AR-1254-5	7.932	6.875	22325080	128.4E6	274.798	257.251

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

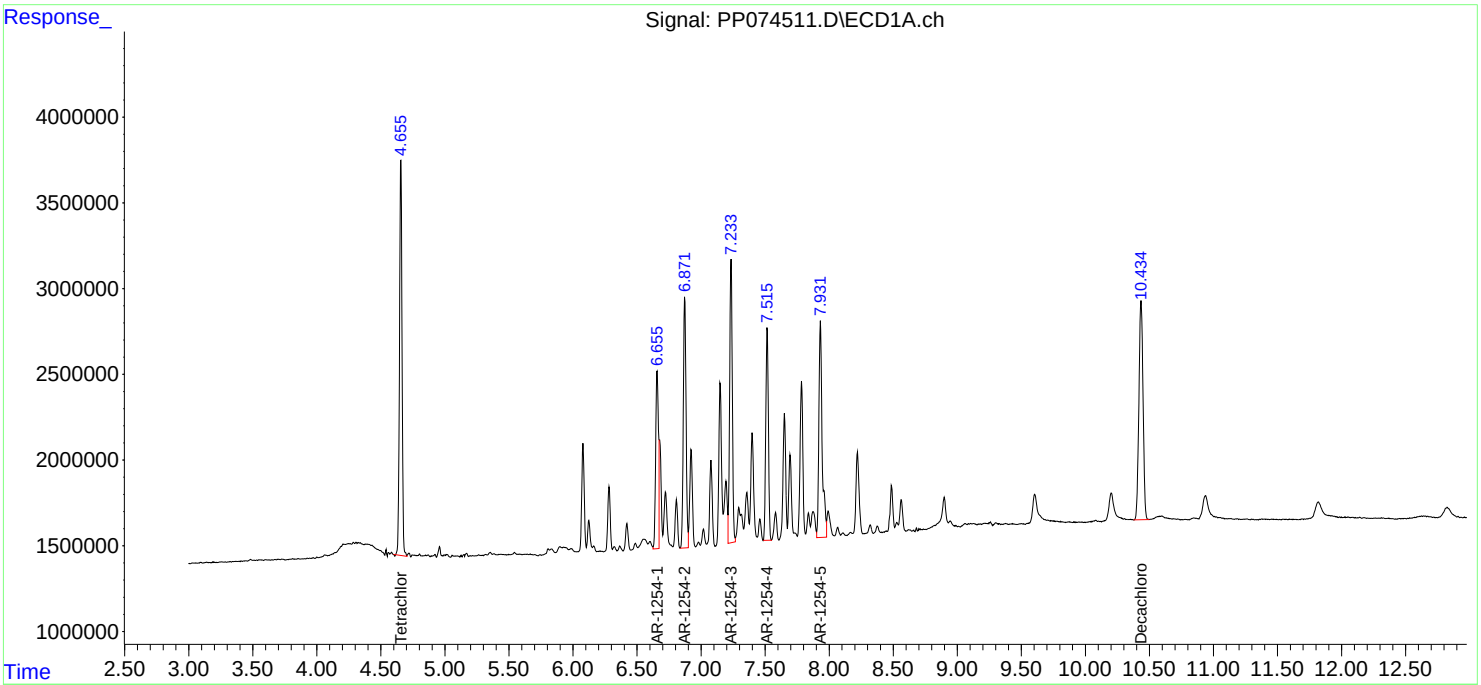
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

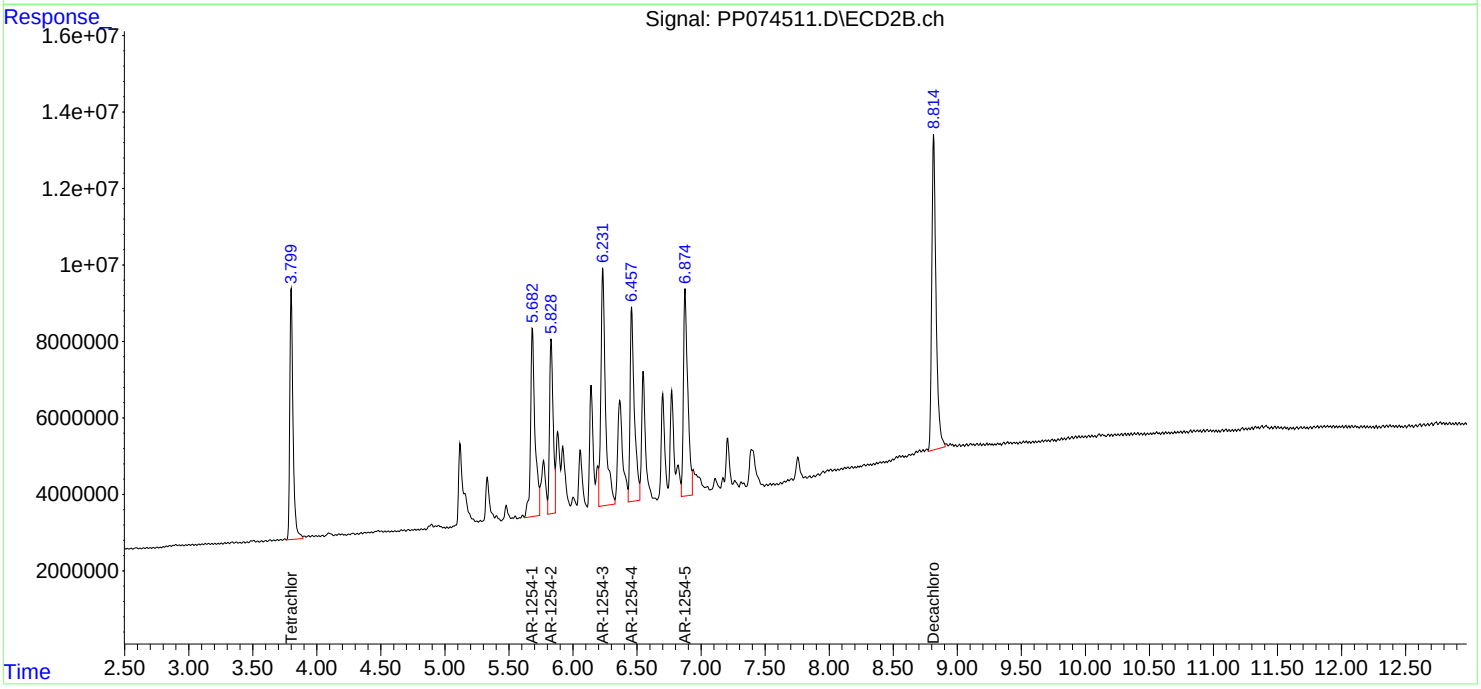
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.655	3.799	6824177	16356890	5.753	3.285	#
2)	SA Decachlor...	10.435	8.814	5925526	36307802	5.661	4.793	
	Target Compounds							
26)	L6 AR-1254-1	6.654	5.682	3432859	24935505	58.287m	50.488	
27)	L6 AR-1254-2	6.872	5.830	4885847	18783341	61.462	53.739	
28)	L6 AR-1254-3	7.231	6.232	5507525	26251359	64.439m	39.562	#
29)	L6 AR-1254-4	7.515	6.457	3846980	21709681	59.758	43.891	#
30)	L6 AR-1254-5	7.931	6.876	4851004	21373298	59.711	42.814	#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

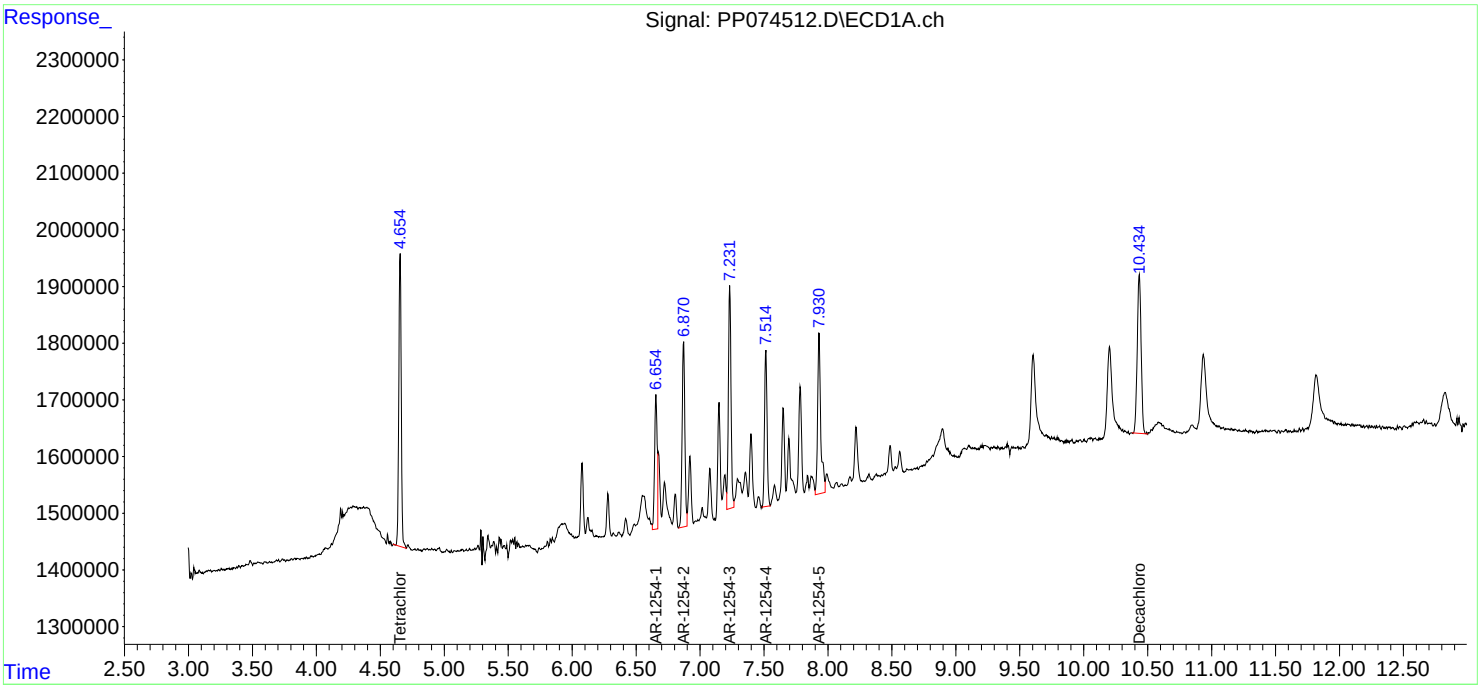
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

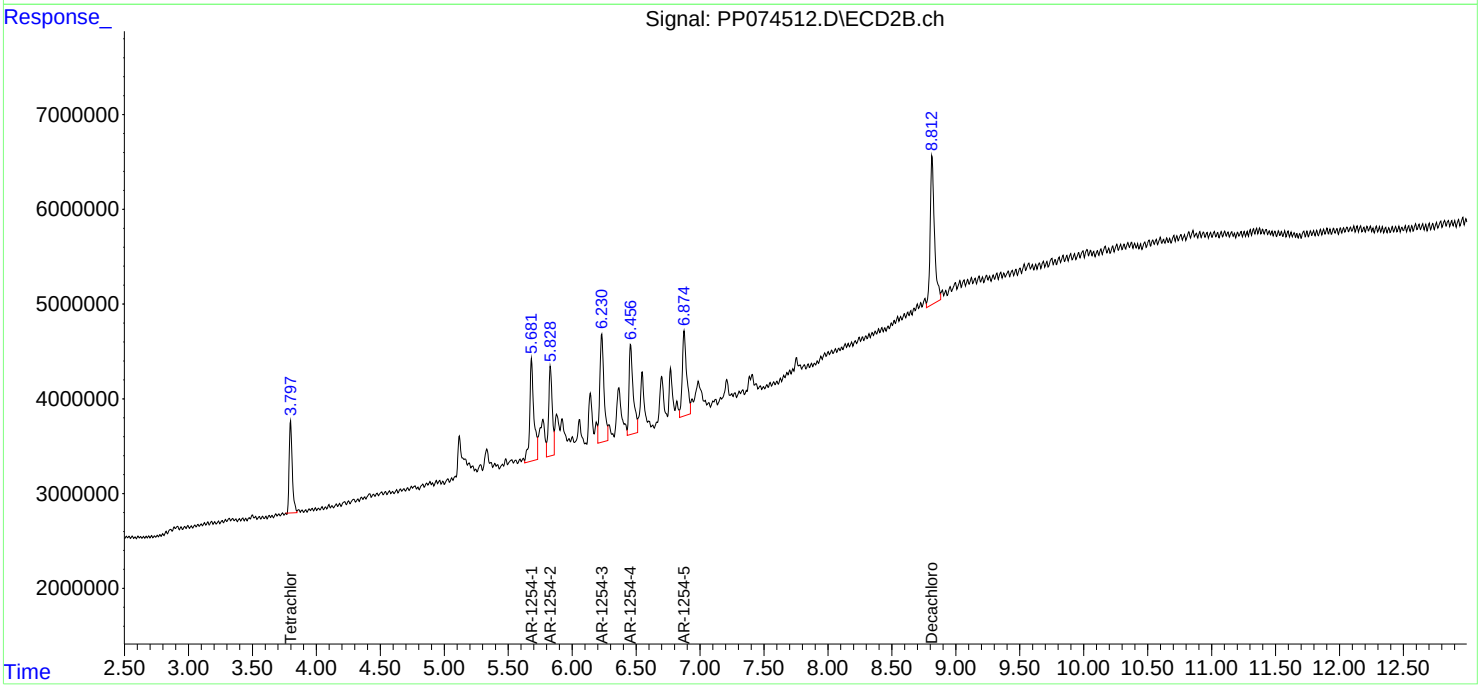
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:14
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:44:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.804	57502488	227.3E6	50.000	50.000
2)	SA Decachlor...	10.436	8.817	51520636	381.5E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.241	6.917	38507994	353.6E6	500.000	500.000
37)	L8 AR-1262-2	8.566	7.175	66190269	260.4E6	500.000	500.000
38)	L8 AR-1262-3	8.892	7.698	48606172	233.1E6	500.000	500.000
39)	L8 AR-1262-4	8.979	7.761	37665153	410.9E6	500.000	500.000
40)	L8 AR-1262-5	9.650	8.255	30478105	179.2E6	500.000	500.000

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

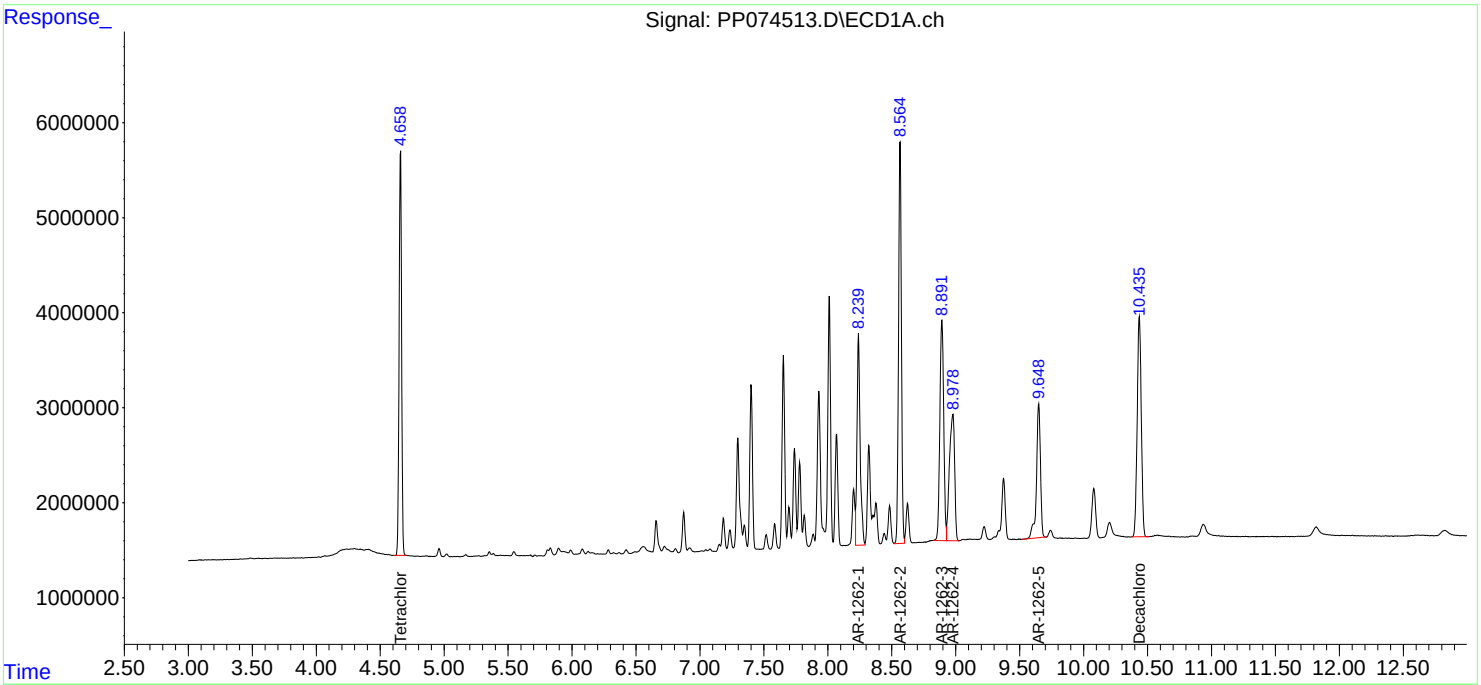
Quantitation Report (QT Reviewed)

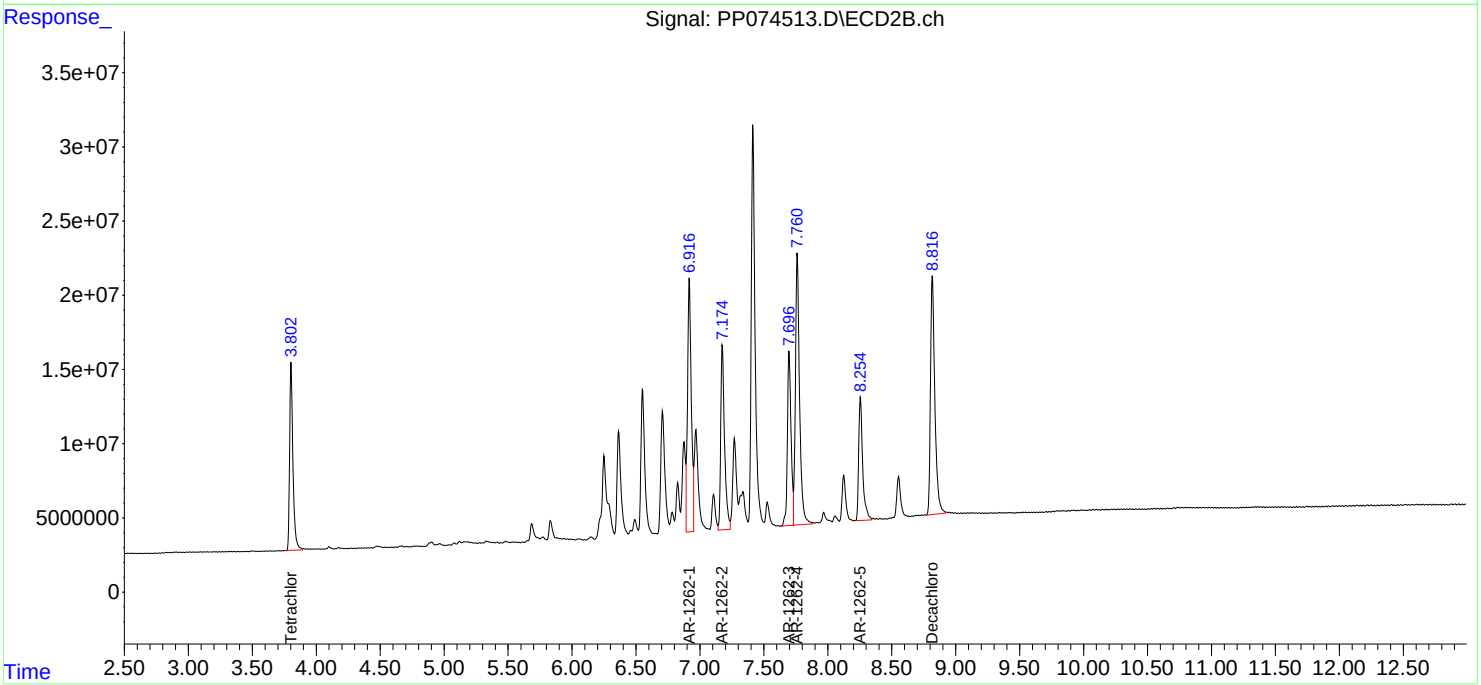
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:14
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:44:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:31
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.801	114.0E6	521.1E6	93.744	105.549
2)	SA Decachlor...	10.431	8.814	164.3E6	1439.1E6	90.456	99.845
	Target Compounds						
41)	L9 AR-1268-1	8.883	7.695	145.4E6	1582.0E6	909.781	1022.749
42)	L9 AR-1268-2	8.978	7.758	135.1E6	1588.2E6	913.226	1100.911
43)	L9 AR-1268-3	9.219	7.967	112.8E6	1131.1E6	907.046	1006.488
44)	L9 AR-1268-4	9.645	8.252	60062429	434.0E6	868.130	1045.494
45)	L9 AR-1268-5	10.076	8.552	347.9E6	3414.1E6	934.640	998.029

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

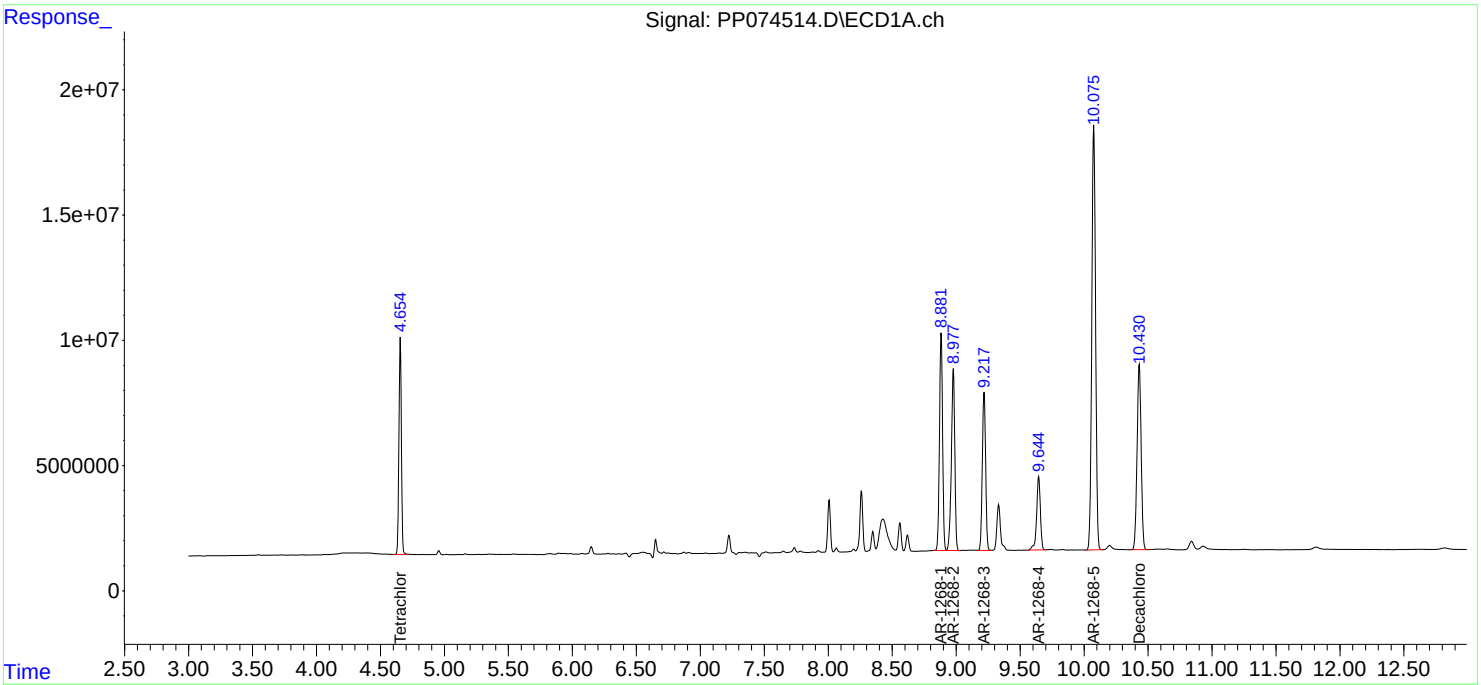
Quantitation Report (QT Reviewed)

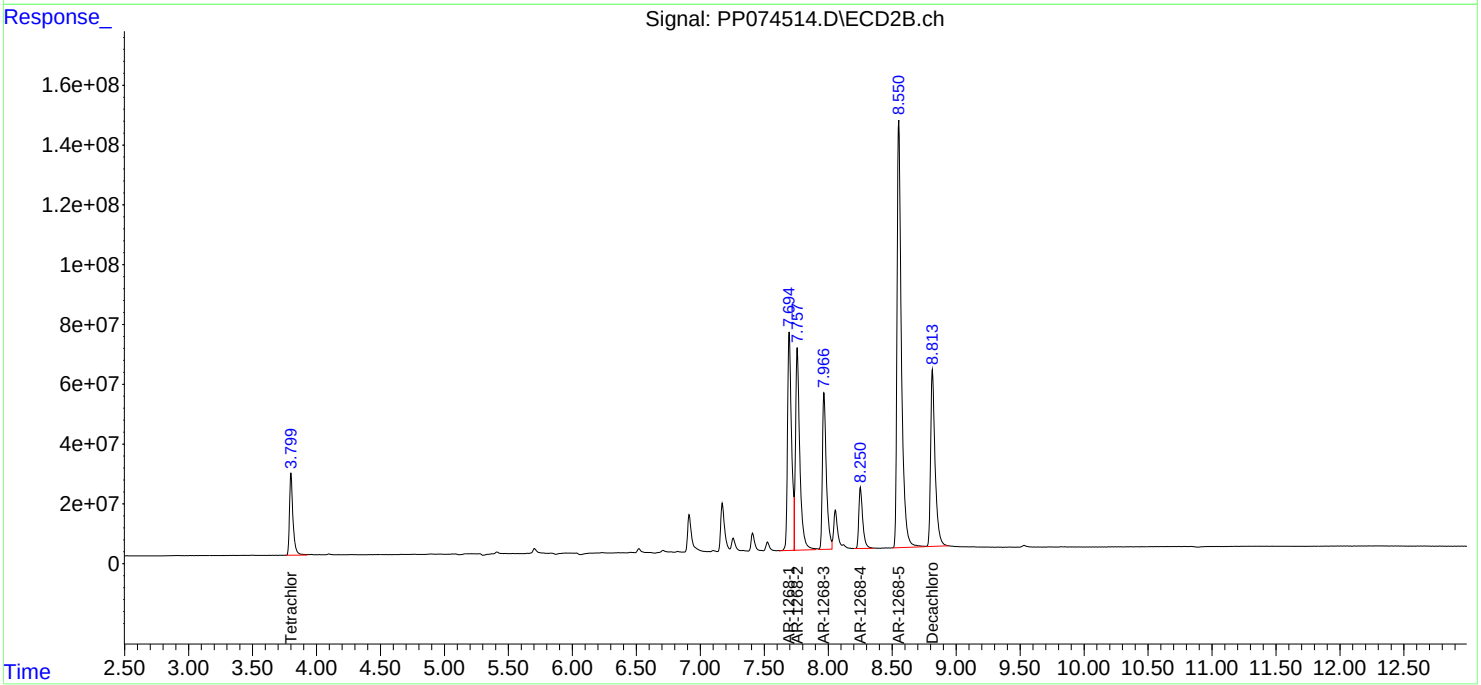
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:31
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:47
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.803	87209689	376.1E6	71.744	76.172
2)	SA Decachlor...	10.437	8.818	126.4E6	1059.1E6	69.561	73.481
	Target Compounds						
41)	L9 AR-1268-1	8.888	7.698	111.9E6	1066.9E6	700.520	689.766
42)	L9 AR-1268-2	8.983	7.761	103.7E6	1072.4E6	701.017	743.340
43)	L9 AR-1268-3	9.223	7.969	86537530	825.2E6	695.631	734.299
44)	L9 AR-1268-4	9.651	8.255	46716461	313.2E6	675.230	754.576
45)	L9 AR-1268-5	10.082	8.554	264.3E6	2492.1E6	709.949	728.510

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

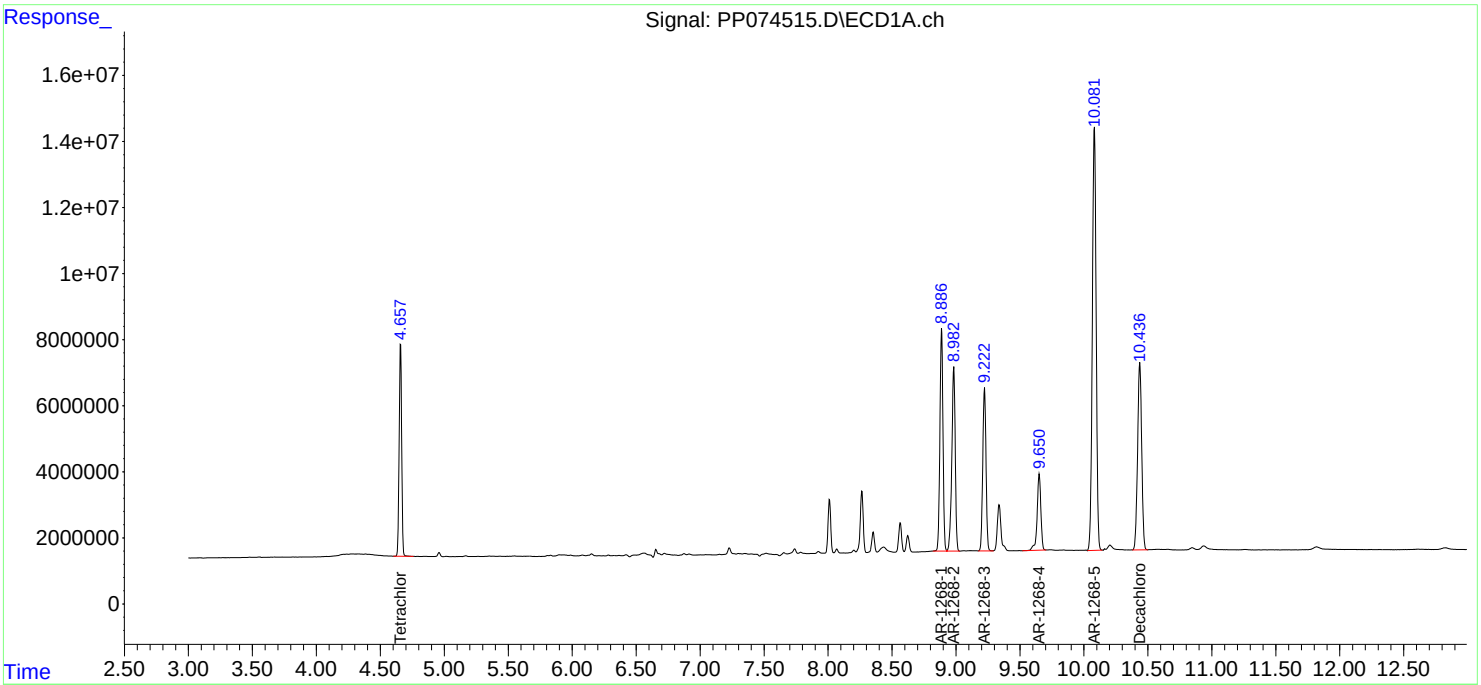
Quantitation Report (QT Reviewed)

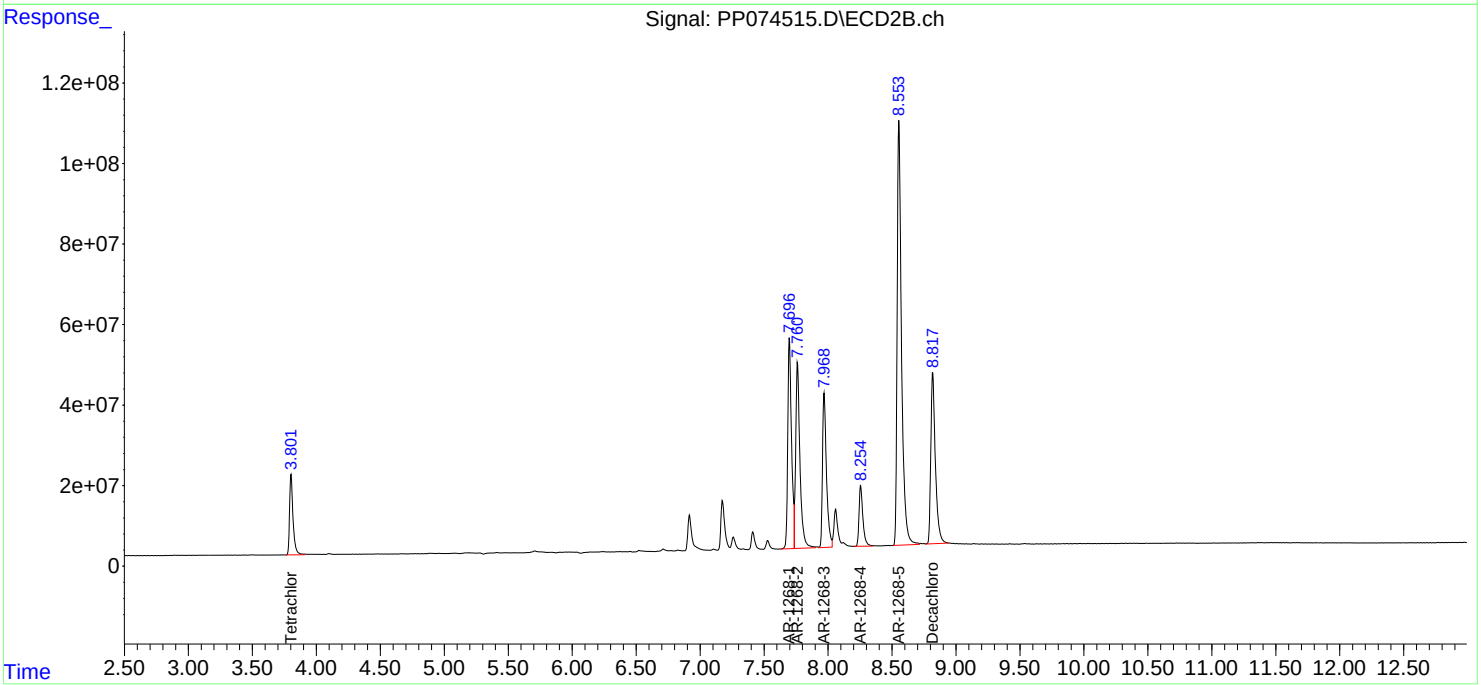
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:47
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:03
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	60777964	246.9E6	50.000	50.000
2)	SA Decachlor...	10.433	8.813	90824753	720.7E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.884	7.694	79899530	773.4E6	500.000	500.000
42)	L9 AR-1268-2	8.979	7.757	73984387	721.3E6	500.000	500.000
43)	L9 AR-1268-3	9.219	7.966	62200769	561.9E6	500.000	500.000
44)	L9 AR-1268-4	9.646	8.250	34592983	207.5E6	500.000	500.000
45)	L9 AR-1268-5	10.078	8.550	186.1E6	1710.4E6	500.000	500.000

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

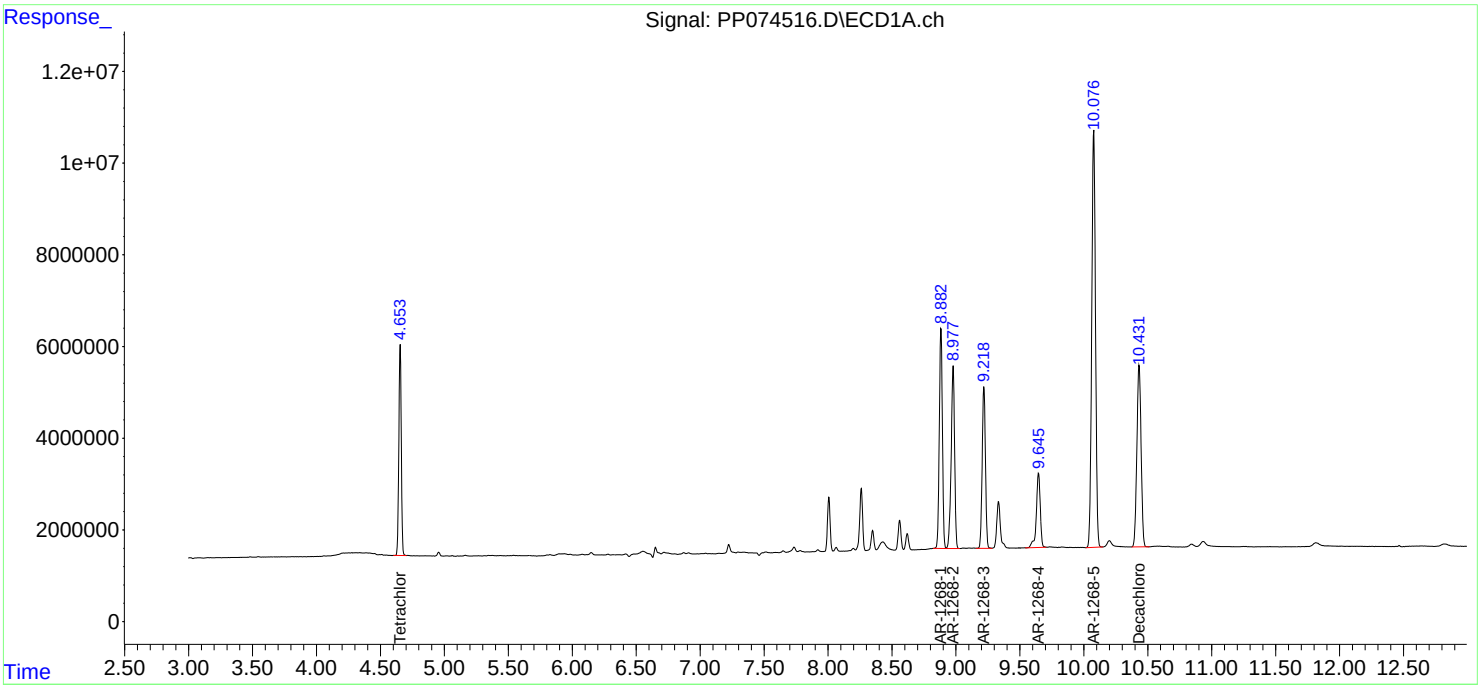
Quantitation Report (QT Reviewed)

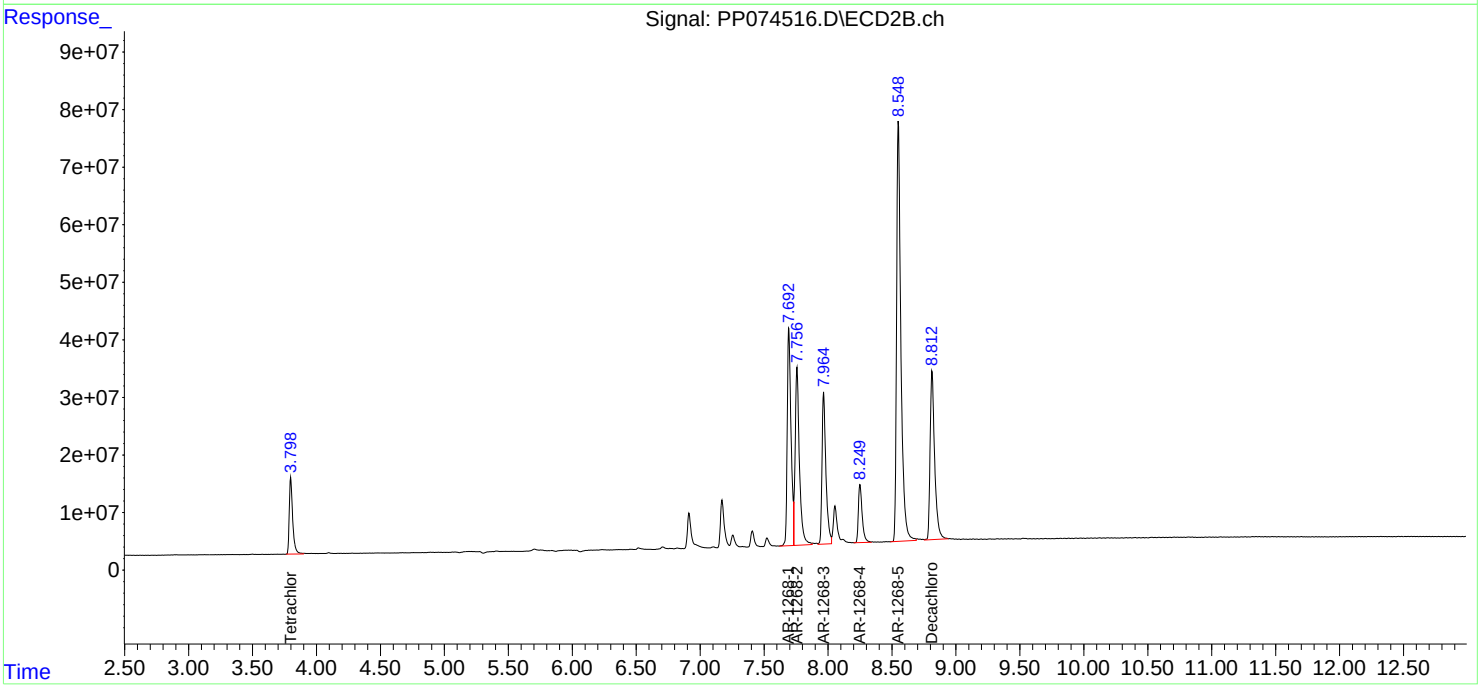
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:03
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:19
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.803	32326809	120.4E6	26.594	24.385
2)	SA Decachlor...	10.437	8.818	49221283	358.0E6	27.097	24.836
	Target Compounds						
41)	L9 AR-1268-1	8.888	7.699	43809566	363.3E6	274.154	234.894
42)	L9 AR-1268-2	8.984	7.761	40268123	353.3E6	272.139	244.915
43)	L9 AR-1268-3	9.223	7.970	33730438	269.3E6	271.142	239.682
44)	L9 AR-1268-4	9.651	8.254	18081868	98406918	261.352	237.069
45)	L9 AR-1268-5	10.082	8.554	99244212	825.3E6	266.594	241.244

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

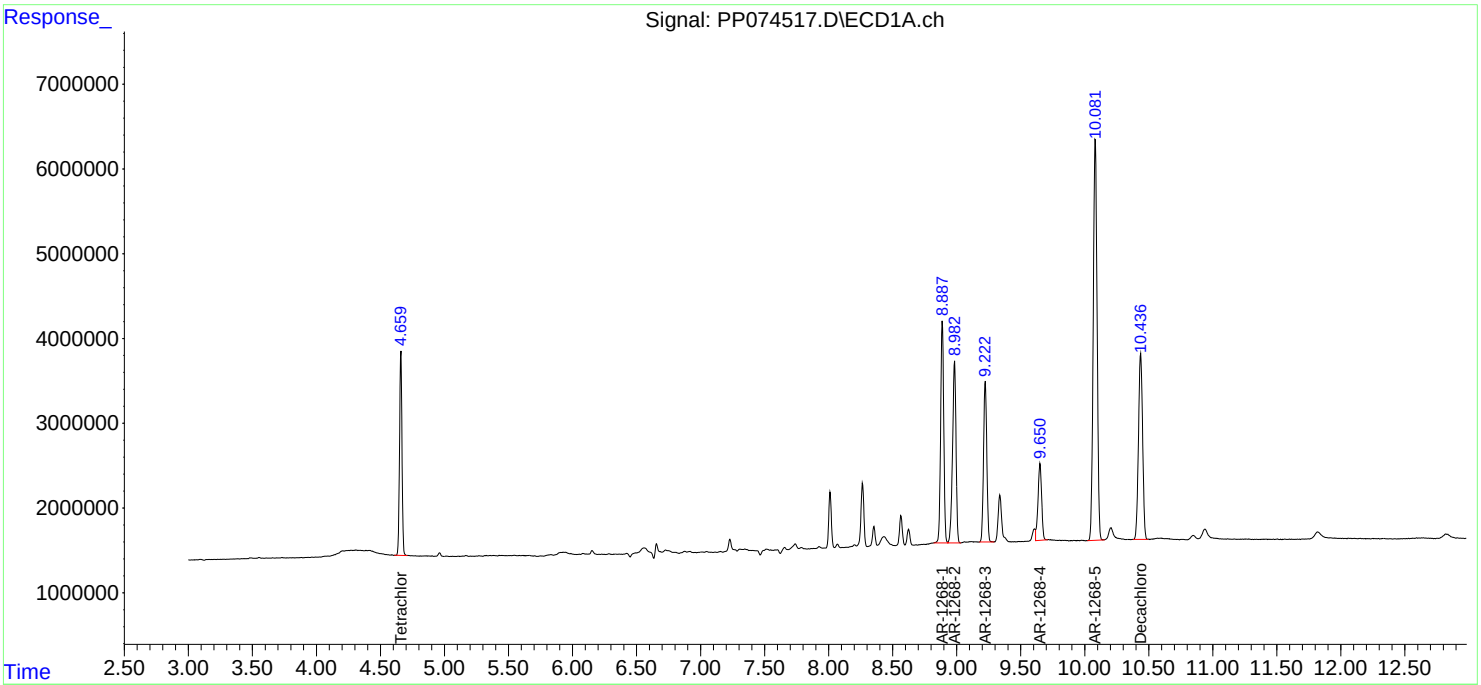
Quantitation Report (QT Reviewed)

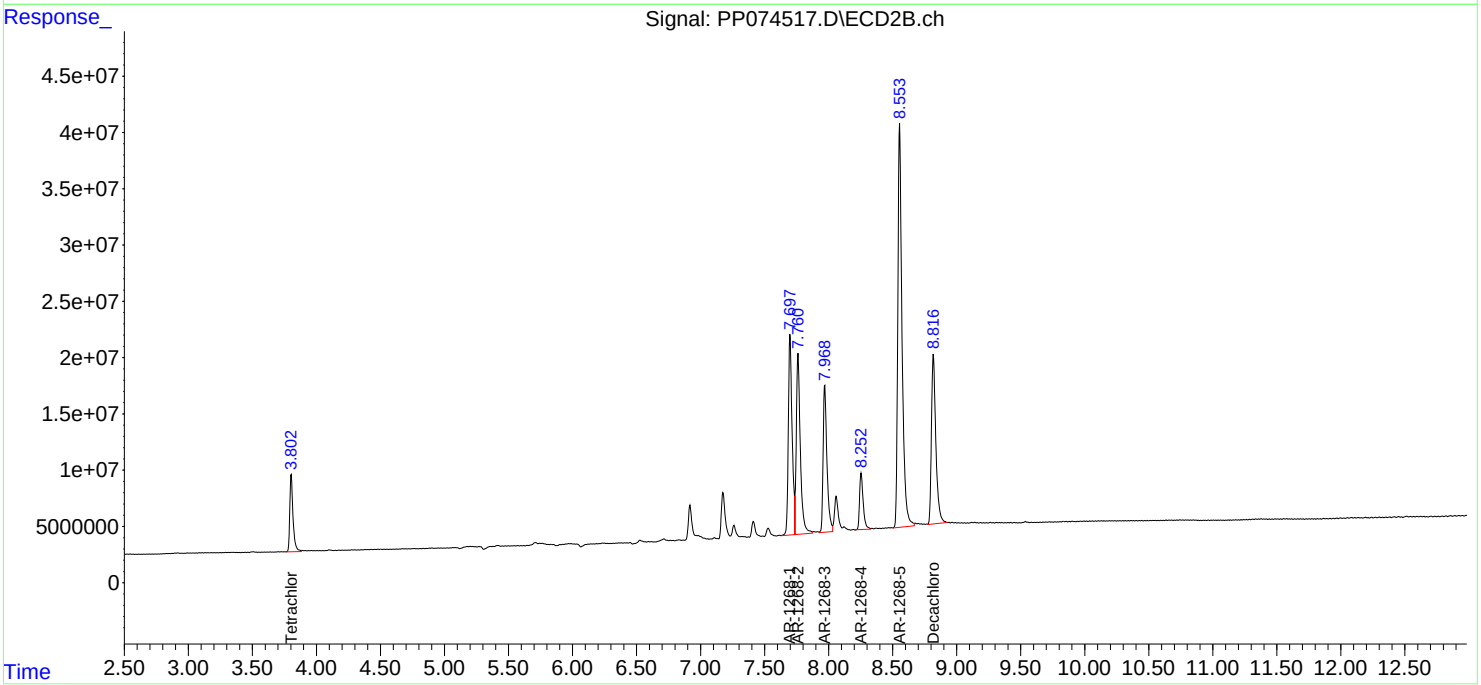
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:19
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.655	3.797	5929694	15207908	4.878	3.080	m#
2)	SA Decachlor...	10.433	8.813	9232334	53747483	5.082	3.729	#
	Target Compounds							
41)	L9 AR-1268-1	8.884	7.693	9026003	52383576	56.483	33.865	#
42)	L9 AR-1268-2	8.980	7.756	7560556	47155232	51.096	32.686	#
43)	L9 AR-1268-3	9.219	7.964	6519117	39184495	52.404	34.869	#
44)	L9 AR-1268-4	9.647	8.250	3622509	12757141	52.359	30.733	#
45)	L9 AR-1268-5	10.078	8.549	19064676	111.1E6	51.212	32.473	#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

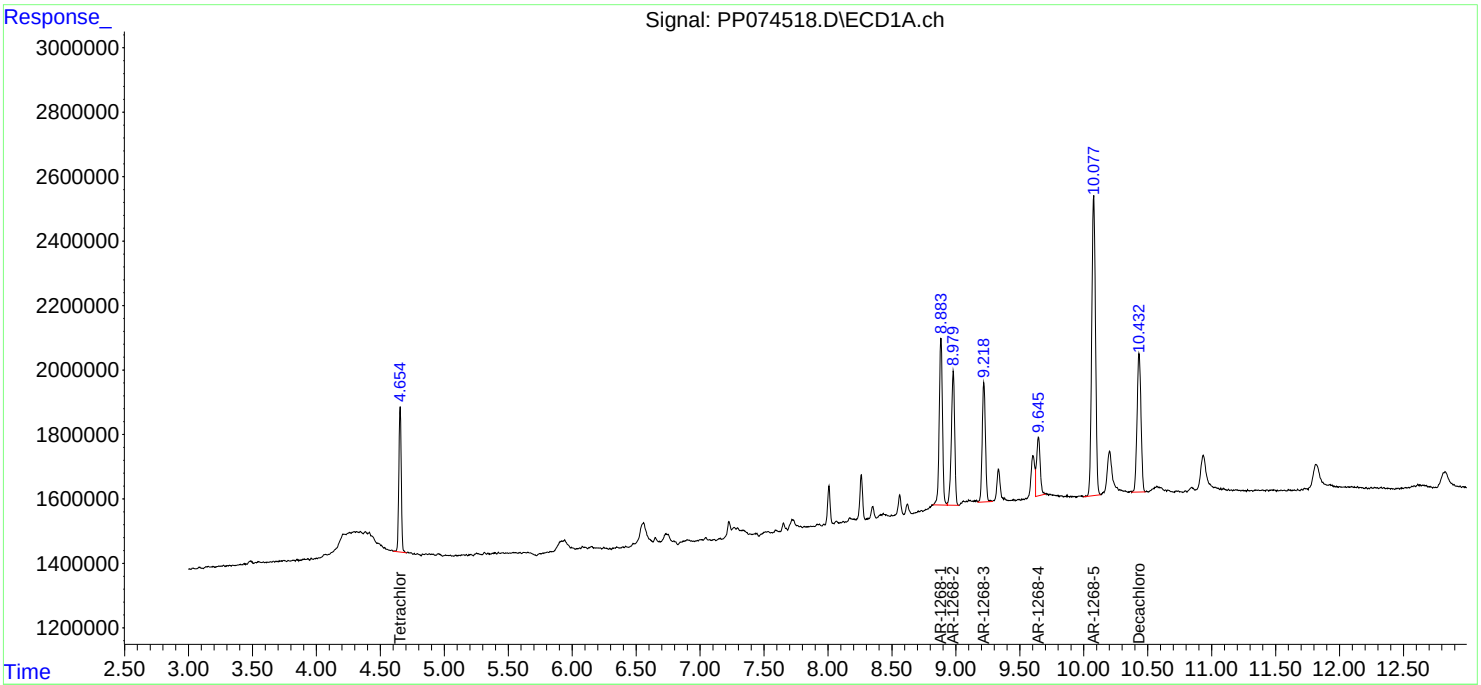
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

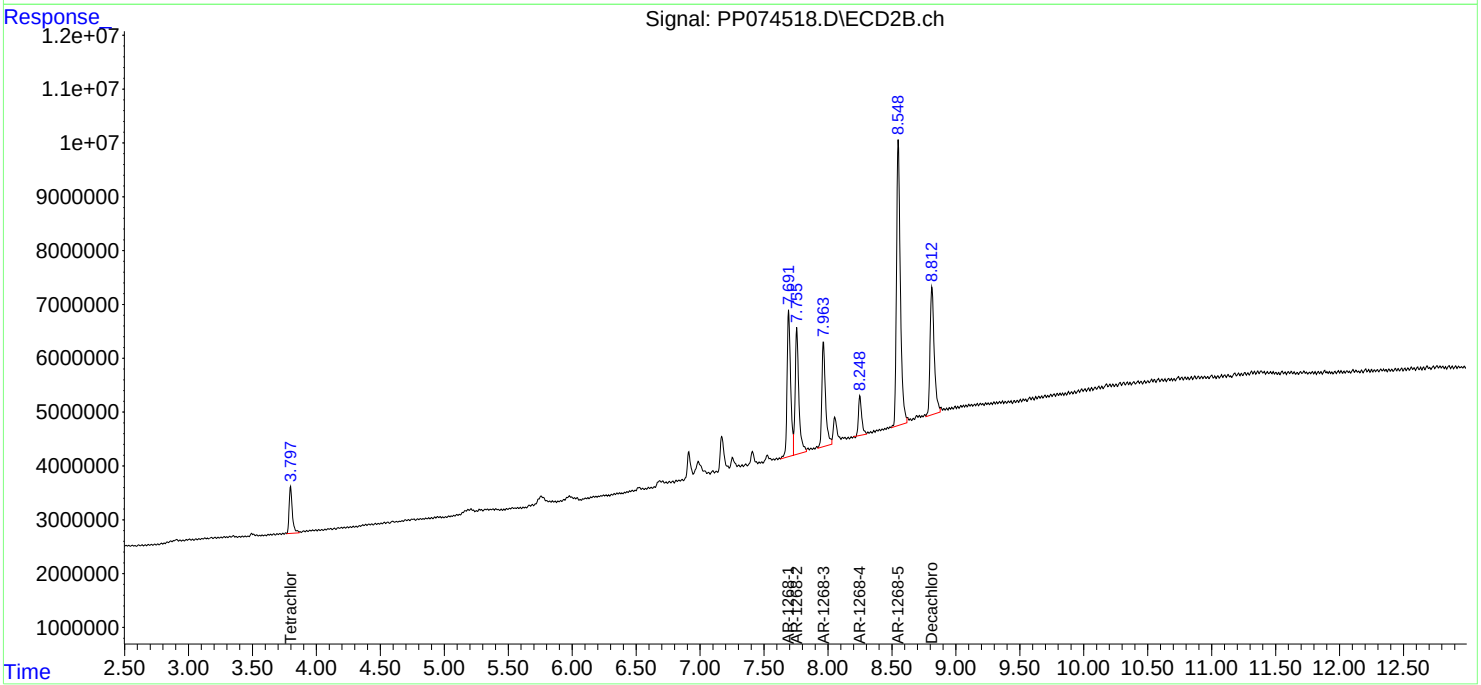
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:52
Operator : YP\AJ
Sample : PP081925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:23:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.802	56842653	228.5E6	46.452	47.259
2)	SA Decachlor...	10.435	8.817	50219148	360.9E6	50.854	48.127
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.901	20384085	238.3E6	462.341	467.803
4)	L1 AR-1016-2	5.830	4.960	30649421	113.5E6	487.725	476.718
5)	L1 AR-1016-3	5.893	5.079	20869297	64619014	464.651	468.581
6)	L1 AR-1016-4	5.990	5.121	17006846	64496987	483.399	461.341
7)	L1 AR-1016-5	6.283	5.335	16393488	71417891	493.987	430.012
31)	L7 AR-1260-1	7.400	6.365	27587306	174.2E6	477.210	464.246
32)	L7 AR-1260-2	7.652	6.551	32691813	240.4E6	474.362	454.622
33)	L7 AR-1260-3	8.011	6.705	26067073	184.7E6	502.398	426.529
34)	L7 AR-1260-4	8.239	7.174	30945462	184.5E6	485.094	483.638
35)	L7 AR-1260-5	8.564	7.414	54844125	472.4E6	483.583	470.272

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

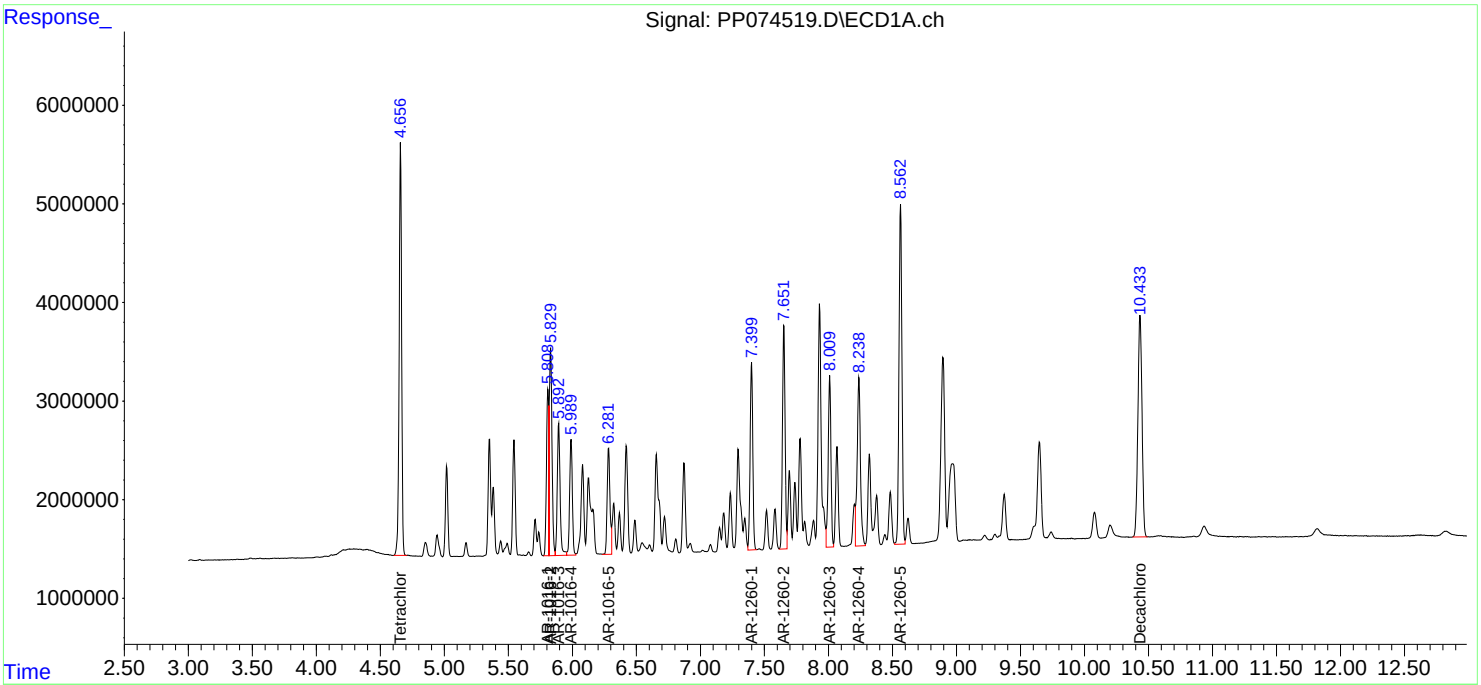
Quantitation Report (QT Reviewed)

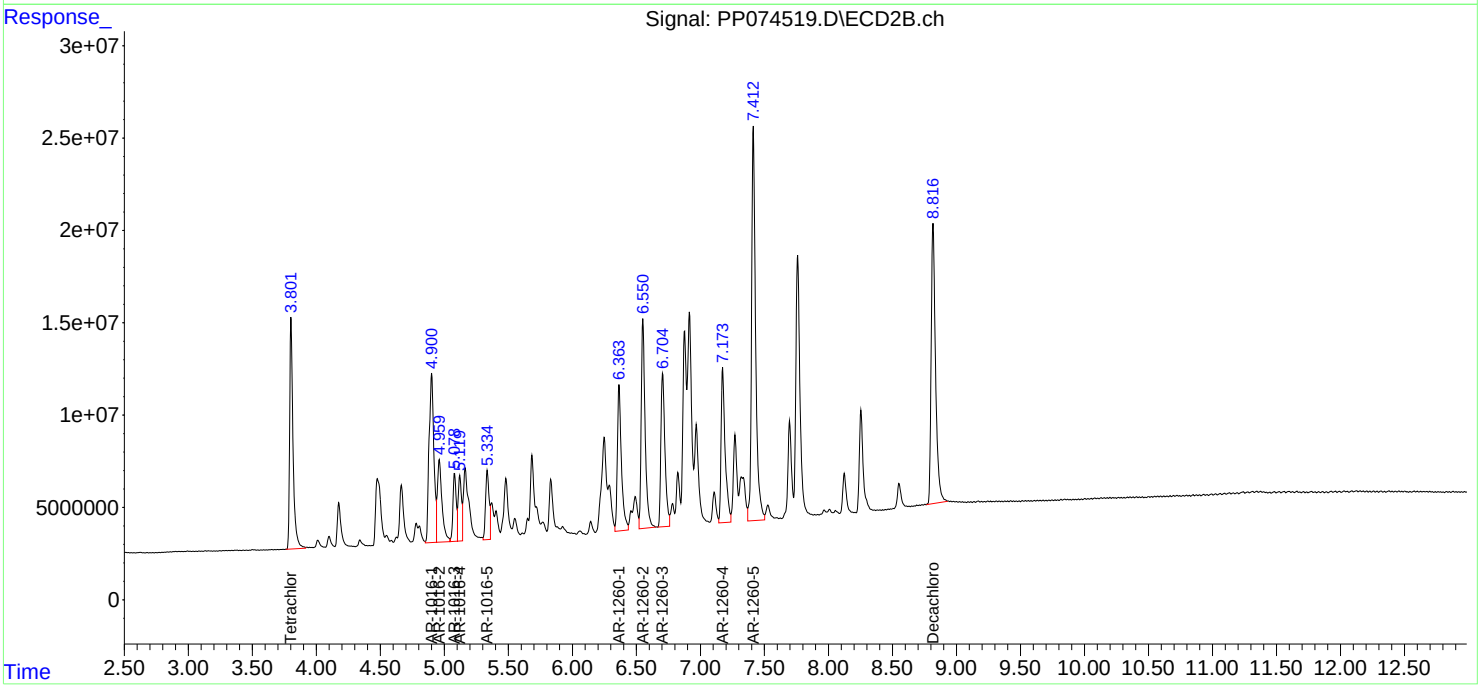
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:52
Operator : YP\AJ
Sample : PP081925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:23:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.800	61135884	251.3E6	49.960	51.980
2)	SA Decachlor...	10.431	8.814	53404053	390.6E6	54.079	52.086
	Target Compounds						
16)	L4 AR-1242-1	5.806	4.899	19151882	227.5E6	500.373	539.355
17)	L4 AR-1242-2	5.828	4.957	28372669	113.8E6	502.331	568.037
18)	L4 AR-1242-3	5.890	5.077	19007473	66780181	468.131	564.507
19)	L4 AR-1242-4	5.987	5.159	15591341	74977569	491.192	438.057m
20)	L4 AR-1242-5	6.716	5.679	20582509	100.2E6	570.617	541.319m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

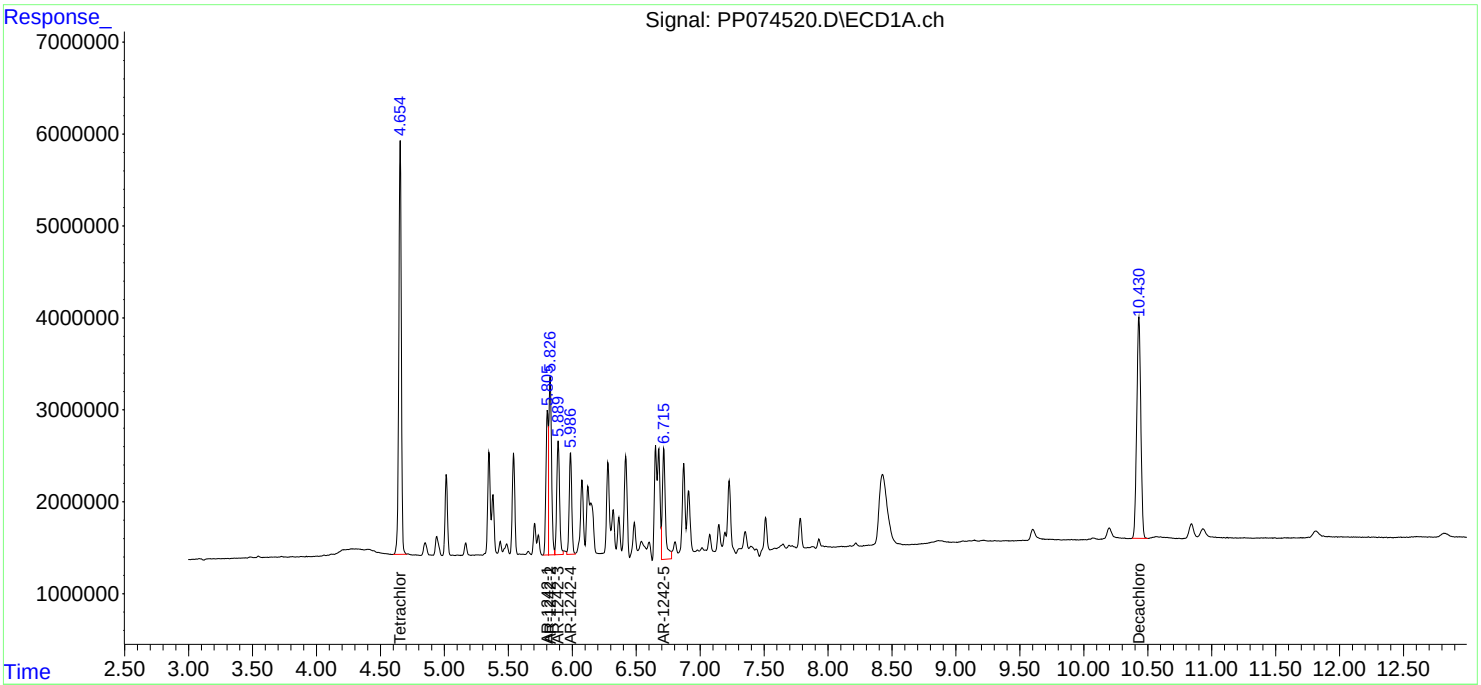
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

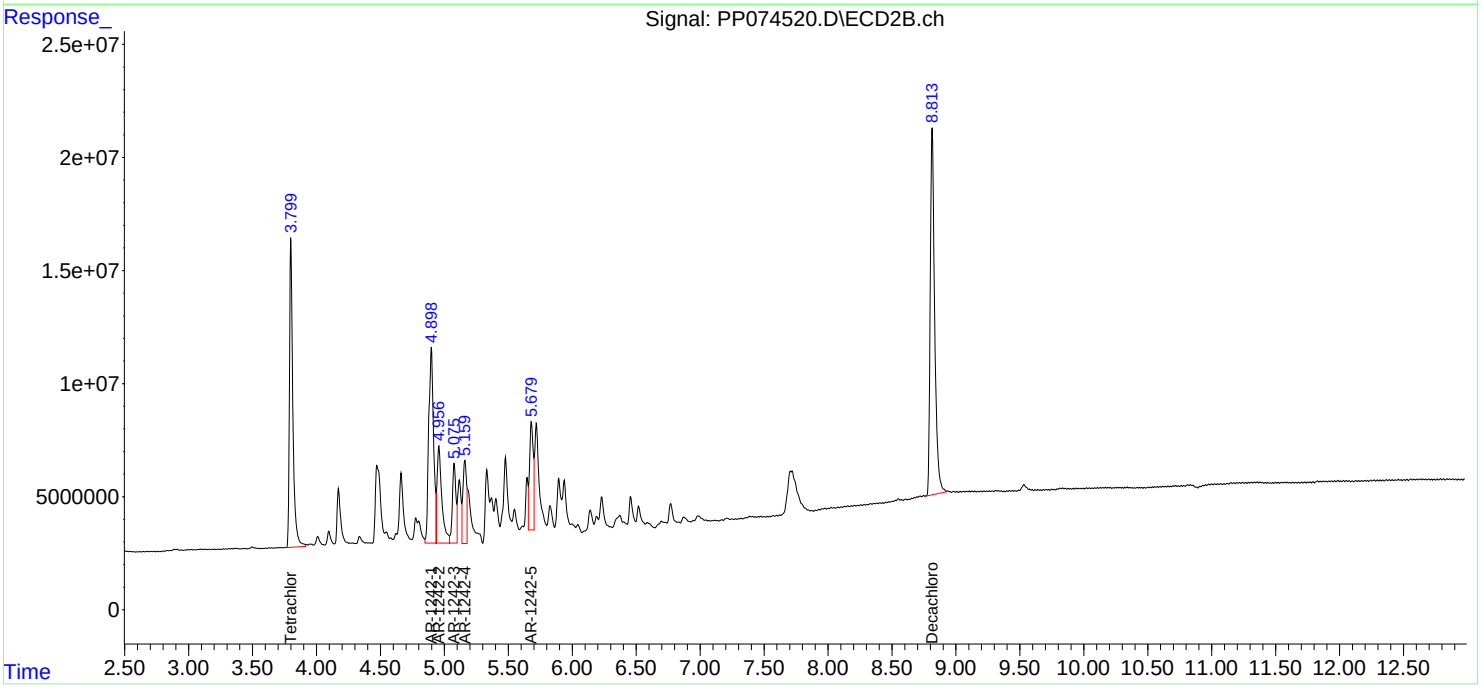
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.652	3.800	59071103	245.5E6	48.273	50.777
2)	SA Decachlor...	10.426	8.814	53112171	392.5E6	53.784	52.342
	Target Compounds						
21)	L5 AR-1248-1	5.803	4.899	15042012	140.4E6	497.684	508.260
22)	L5 AR-1248-2	6.074	5.118	21382962	94490320	496.170	534.582
23)	L5 AR-1248-3	6.277	5.159	23315343	110.8E6	499.219	487.816m
24)	L5 AR-1248-4	6.675	5.332	26915269	110.6E6	489.361	507.322
25)	L5 AR-1248-5	6.714	5.722	26936491	191.5E6	485.601	521.315

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

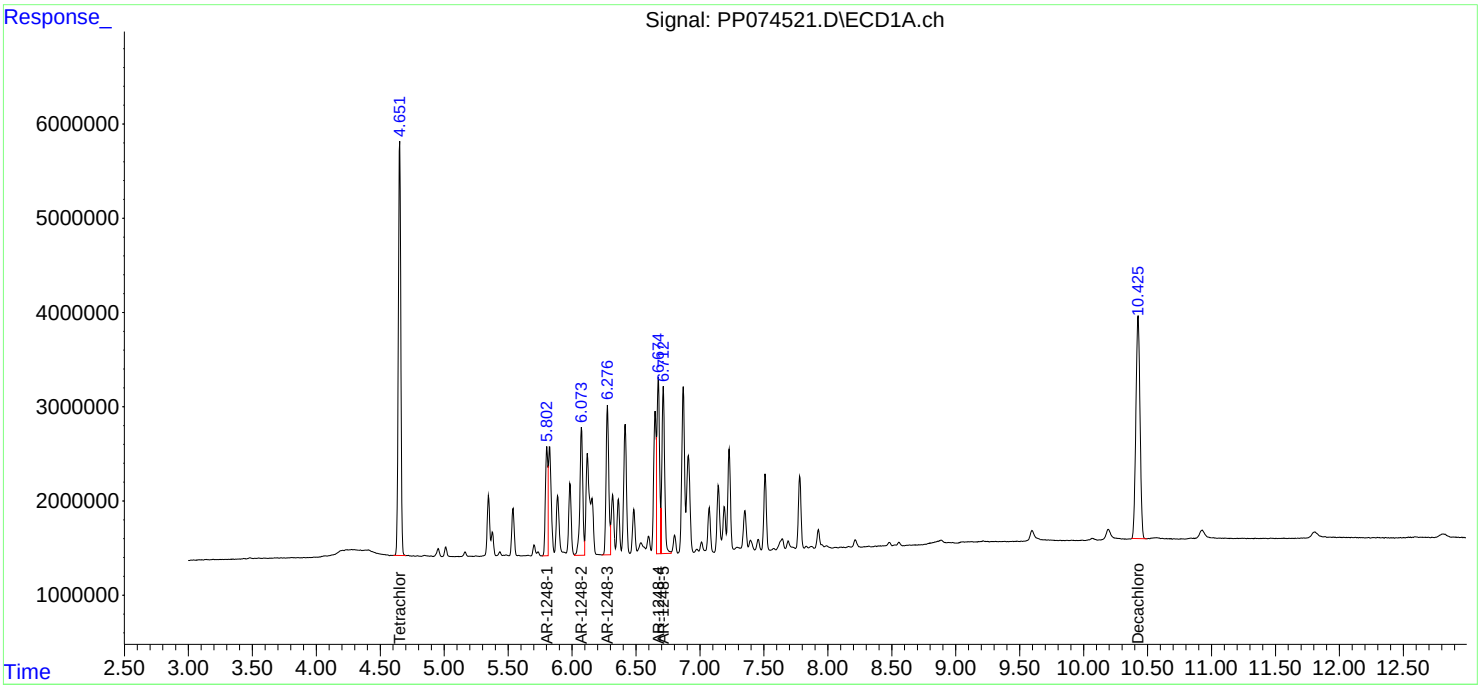
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

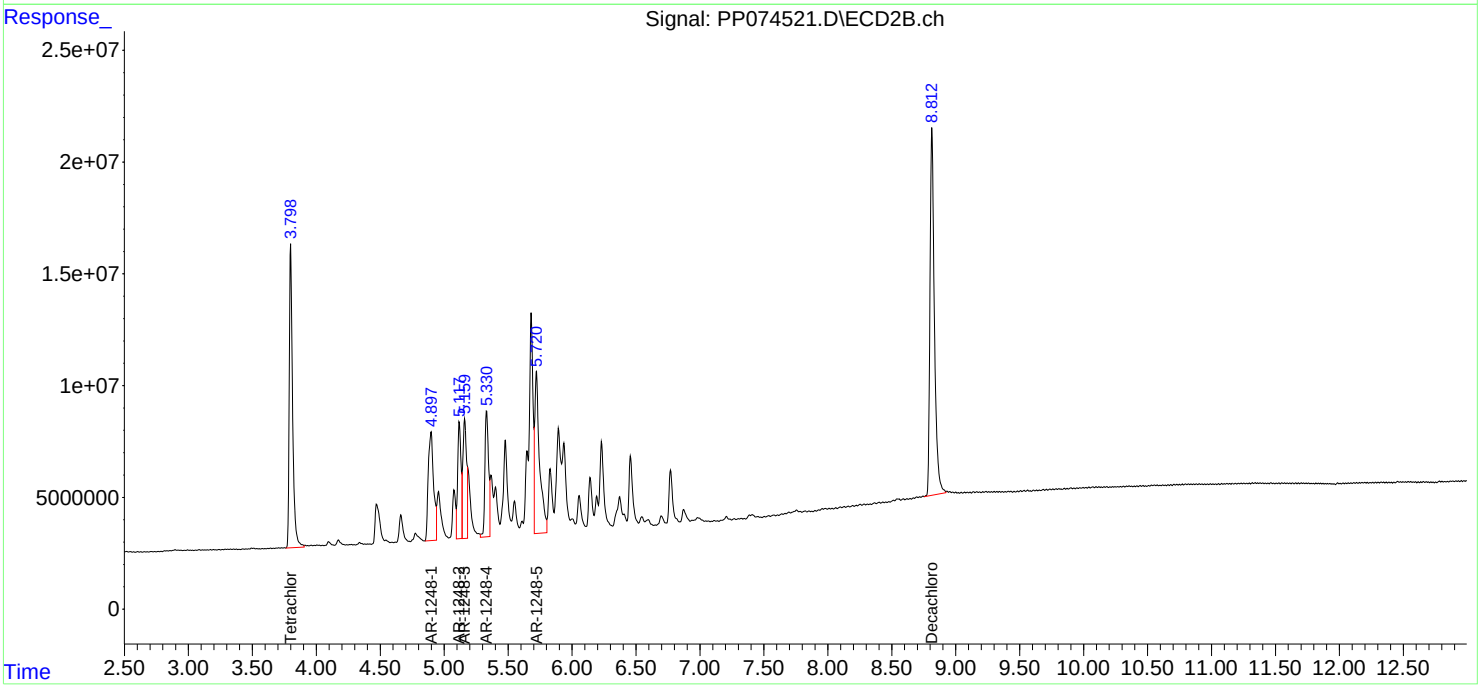
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.800	56166806	231.3E6	45.900	47.840
2)	SA Decachlor...	10.432	8.813	50817971	371.3E6	51.461	49.507
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.682	26836668	232.6E6	460.562m	487.928
27)	L6 AR-1254-2	6.872	5.830	38555301	169.1E6	472.399	480.246
28)	L6 AR-1254-3	7.233	6.231	41293274	315.3E6	462.896	508.643
29)	L6 AR-1254-4	7.515	6.458	31170607	231.8E6	472.901	494.686
30)	L6 AR-1254-5	7.931	6.875	39856792	247.9E6	479.711	505.396

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

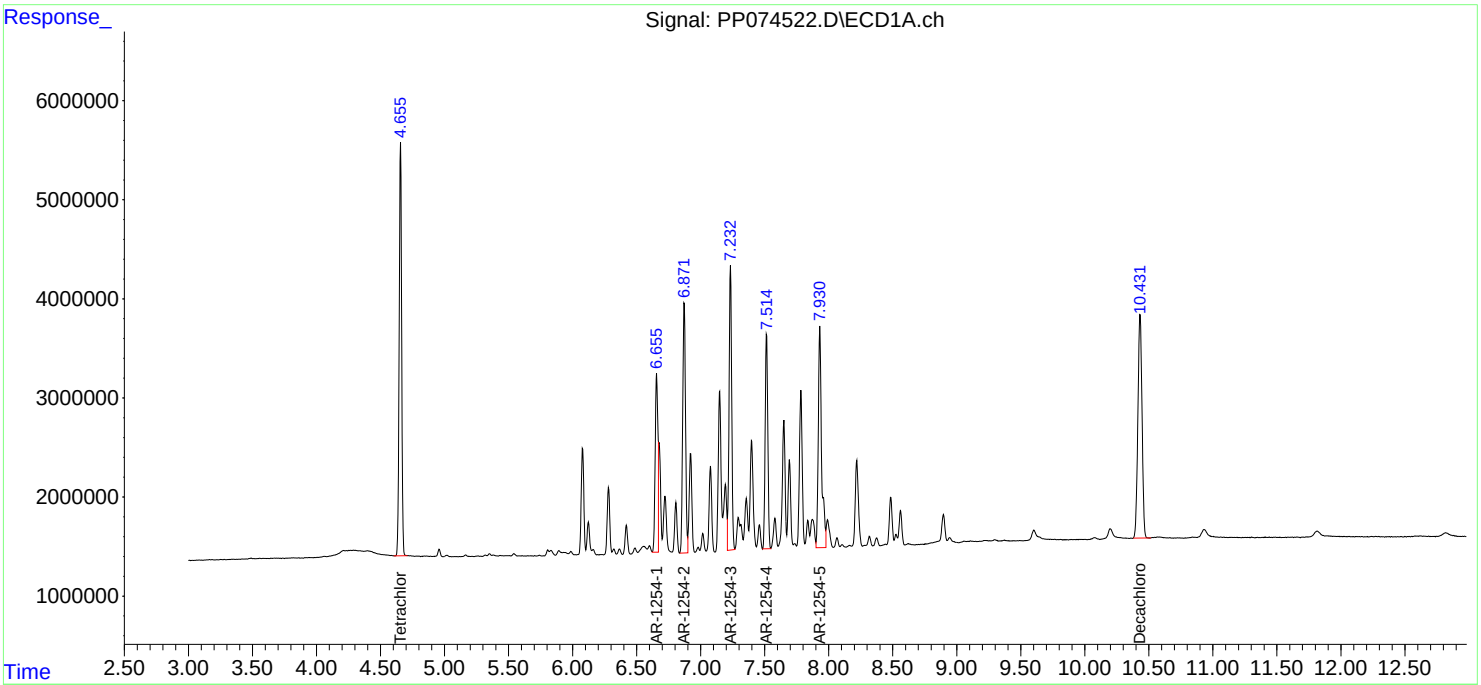
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

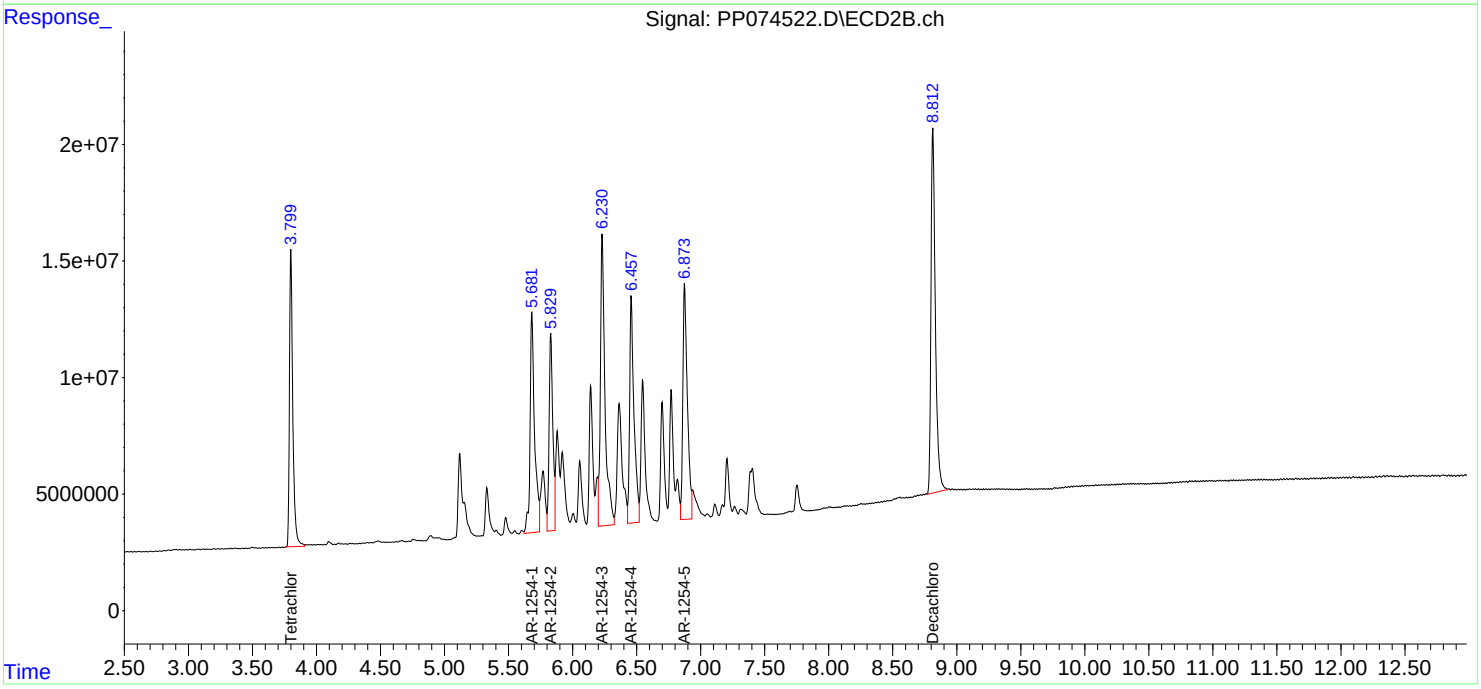
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 21:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:59:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:59:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.802	58901391	238.6E6	49.110	51.825
2)	SA Decachlor...	10.434	8.815	89013520	715.1E6	49.674	52.588
	Target Compounds						
41)	L9 AR-1268-1	8.886	7.696	78891283	721.4E6	486.865	511.441
42)	L9 AR-1268-2	8.981	7.760	73097356	698.4E6	498.151	512.265
43)	L9 AR-1268-3	9.221	7.968	61233015	547.4E6	495.471	524.753
44)	L9 AR-1268-4	9.648	8.253	33012444	201.7E6	490.797	526.433
45)	L9 AR-1268-5	10.080	8.552	181.2E6	1644.2E6	489.478	524.264

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

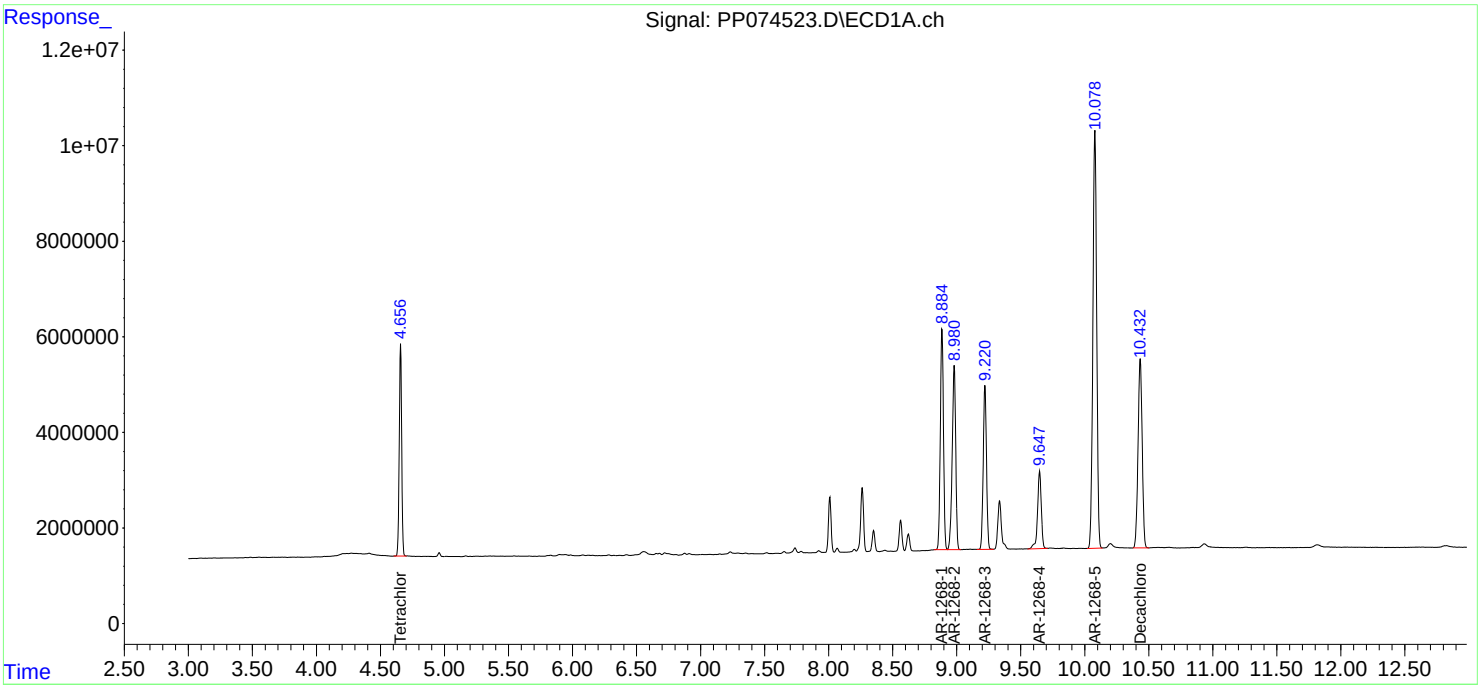
Quantitation Report (QT Reviewed)

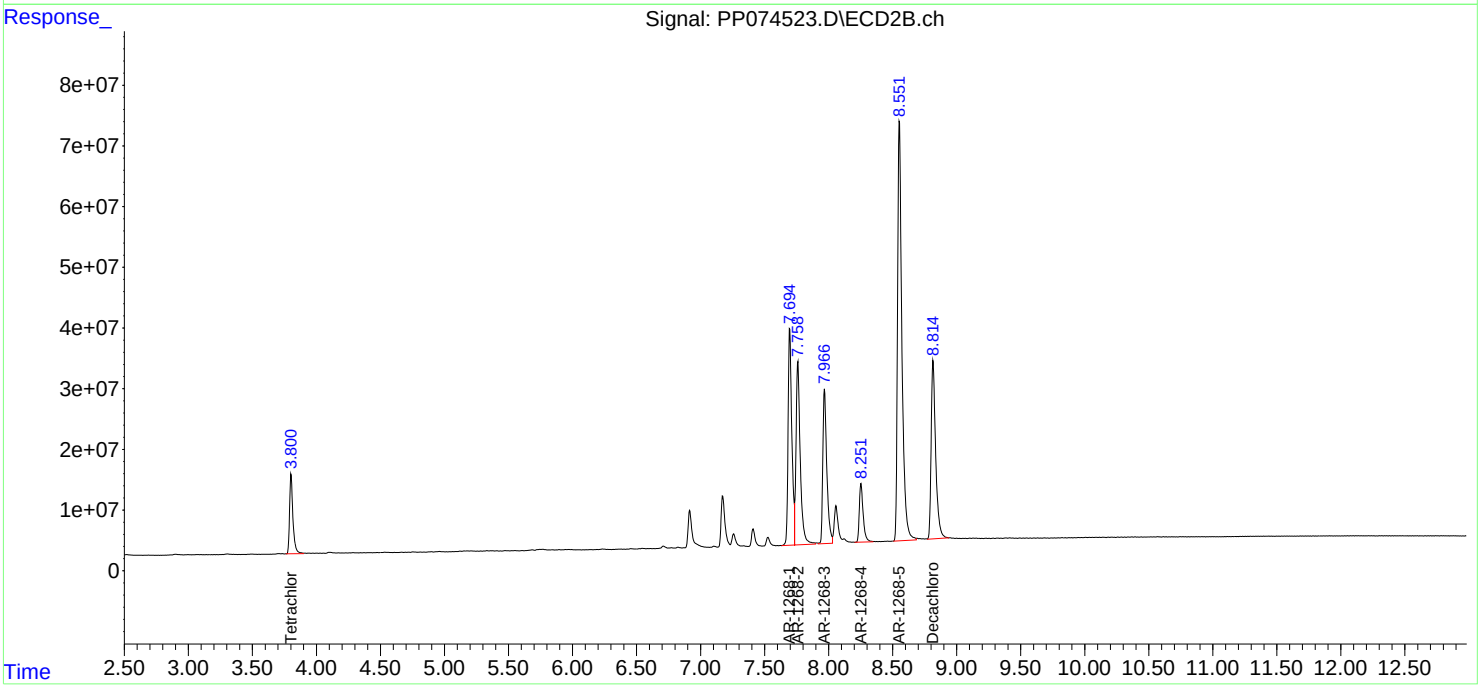
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 21:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:59:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:59:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 09:53 18:24

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)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.23	6.24	6.14	6.34	0.01
Aroclor-1260-2	(2)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-3	(3)	6.79	6.79	6.69	6.89	0.00
Aroclor-1260-4	(4)	7.05	7.05	6.95	7.15	0.00
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 09:53 18:24

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)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.65	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.62	8.63	8.53	8.73	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113163.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.746	4.648	4.848	533.790	500.000	6.8
Aroclor-1016-2	4.764	4.666	4.866	546.600	500.000	9.3
Aroclor-1016-3	4.821	4.724	4.924	543.640	500.000	8.7
Aroclor-1016-4	4.941	4.843	5.043	487.710	500.000	-2.5
Aroclor-1016-5	5.197	5.099	5.299	522.990	500.000	4.6
Aroclor-1260-1	6.233	6.136	6.336	529.460	500.000	5.9
Aroclor-1260-2	6.423	6.326	6.526	527.320	500.000	5.5
Aroclor-1260-3	6.789	6.691	6.891	528.560	500.000	5.7
Aroclor-1260-4	7.048	6.951	7.151	522.740	500.000	4.5
Aroclor-1260-5	7.291	7.194	7.394	535.300	500.000	7.1
Decachlorobiphenyl	8.679	8.582	8.782	51.620	50.000	3.2
Tetrachloro-m-xylene	3.661	3.563	3.763	53.740	50.000	7.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113163.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.726	4.629	4.829	509.250	500.000	1.9
Aroclor-1016-2	4.744	4.647	4.847	503.080	500.000	0.6
Aroclor-1016-3	4.919	4.822	5.022	490.360	500.000	-1.9
Aroclor-1016-4	4.962	4.864	5.064	478.370	500.000	-4.3
Aroclor-1016-5	5.174	5.076	5.276	506.050	500.000	1.2
Aroclor-1260-1	6.201	6.104	6.304	485.770	500.000	-2.8
Aroclor-1260-2	6.389	6.292	6.492	483.930	500.000	-3.2
Aroclor-1260-3	6.541	6.443	6.643	454.570	500.000	-9.1
Aroclor-1260-4	7.009	6.912	7.112	474.220	500.000	-5.2
Aroclor-1260-5	7.252	7.155	7.355	470.000	500.000	-6.0
Decachlorobiphenyl	8.624	8.528	8.728	50.990	50.000	2.0
Tetrachloro-m-xylene	3.653	3.555	3.755	50.840	50.000	1.7

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 08:57
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: Aug 25 01:54:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.661	3.653	440.0E6	257.3E6	53.745	50.836
2)	SA Decachlor...	8.679	8.624	357.8E6	96621678	51.618	50.992
	Target Compounds						
3)	L1 AR-1016-1	4.746	4.726	142.5E6	86865332	533.789	509.254
4)	L1 AR-1016-2	4.764	4.744	219.4E6	129.6E6	546.599	503.080
5)	L1 AR-1016-3	4.821	4.919	138.6E6	68461579	543.645	490.362
6)	L1 AR-1016-4	4.941	4.962	106.4E6	55825022	487.714	478.368
7)	L1 AR-1016-5	5.197	5.174	115.9E6	72127104	522.988	506.049
31)	L7 AR-1260-1	6.233	6.201	236.1E6	123.9E6	529.463	485.767
32)	L7 AR-1260-2	6.423	6.389	362.1E6	167.3E6	527.321	483.933
33)	L7 AR-1260-3	6.789	6.541	326.4E6	135.2E6	528.557	454.567
34)	L7 AR-1260-4	7.048	7.009	234.1E6	98282844	522.739	474.225
35)	L7 AR-1260-5	7.291	7.252	648.1E6	220.2E6	535.299	470.002

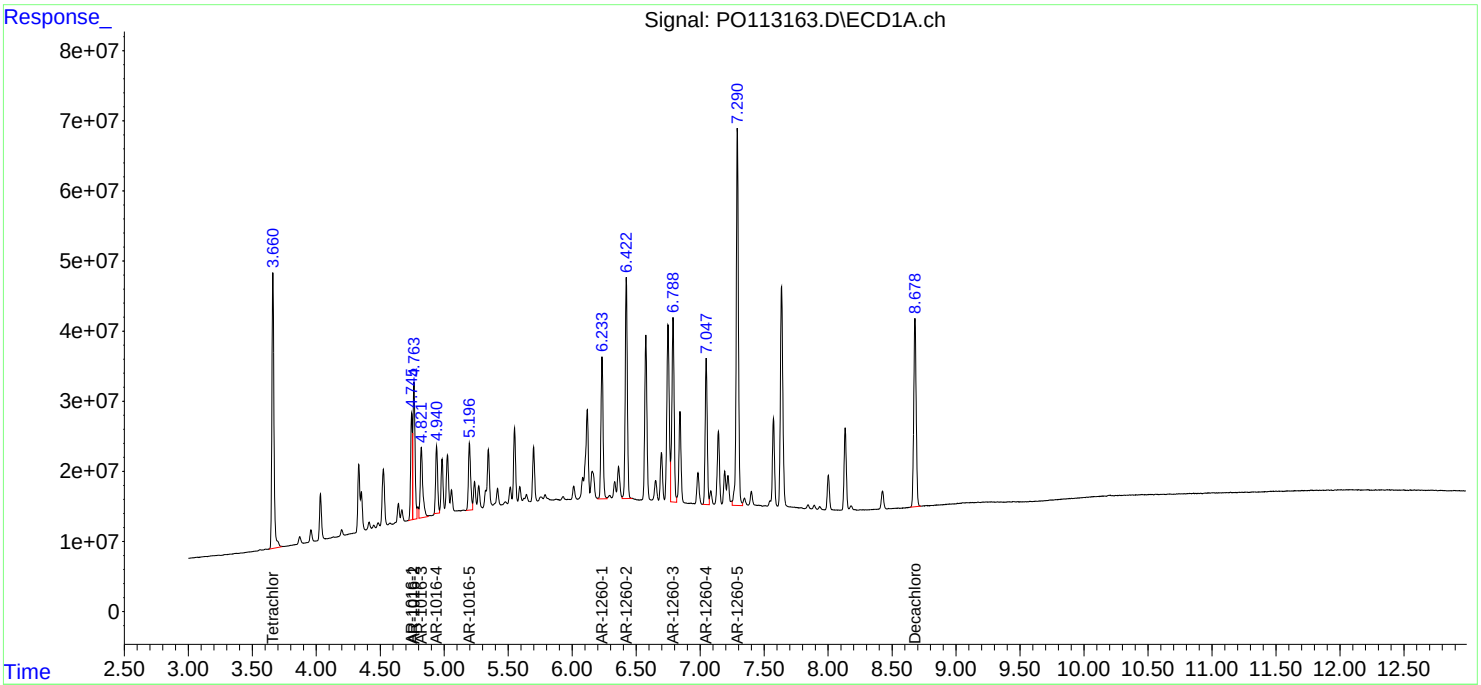
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

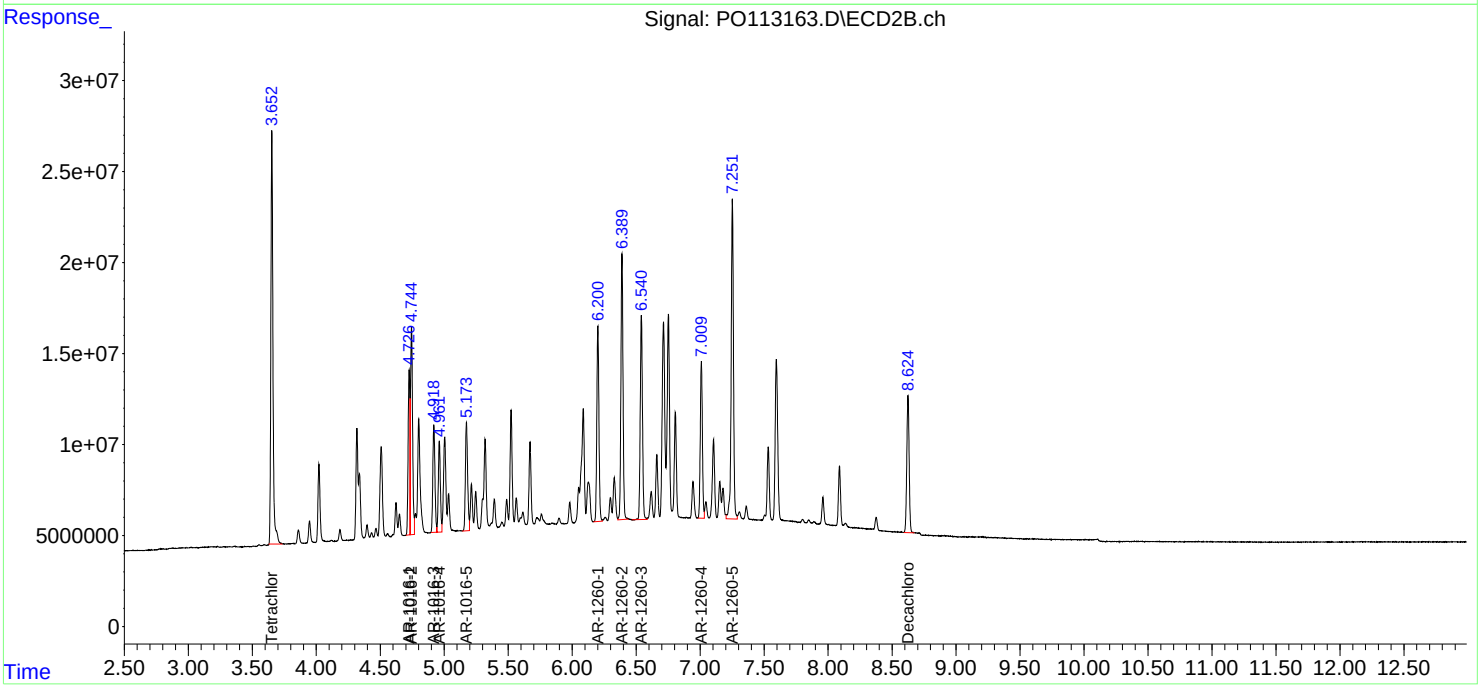
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 08:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 01:54:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 14:45 **Initial Calibration Time(s):** 09:53 18:24

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)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.01
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.23	6.24	6.14	6.34	0.01
Aroclor-1260-2	(2)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-3	(3)	6.79	6.79	6.69	6.89	0.00
Aroclor-1260-4	(4)	7.05	7.05	6.95	7.15	0.00
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 14:45 **Initial Calibration Time(s):** 09:53 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.65	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.63	8.63	8.53	8.73	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113178.D **Time Analyzed:** 14:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.746	4.648	4.848	524.080	500.000	4.8
Aroclor-1016-2	4.765	4.666	4.866	530.030	500.000	6.0
Aroclor-1016-3	4.822	4.724	4.924	531.350	500.000	6.3
Aroclor-1016-4	4.941	4.843	5.043	475.730	500.000	-4.9
Aroclor-1016-5	5.197	5.099	5.299	520.370	500.000	4.1
Aroclor-1260-1	6.233	6.136	6.336	484.860	500.000	-3.0
Aroclor-1260-2	6.423	6.326	6.526	489.790	500.000	-2.0
Aroclor-1260-3	6.788	6.691	6.891	479.670	500.000	-4.1
Aroclor-1260-4	7.048	6.951	7.151	494.110	500.000	-1.2
Aroclor-1260-5	7.291	7.194	7.394	495.790	500.000	-0.8
Decachlorobiphenyl	8.679	8.582	8.782	47.160	50.000	-5.7
Tetrachloro-m-xylene	3.661	3.563	3.763	52.510	50.000	5.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113178.D **Time Analyzed:** 14:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.727	4.629	4.829	498.450	500.000	-0.3
Aroclor-1016-2	4.745	4.647	4.847	496.230	500.000	-0.8
Aroclor-1016-3	4.920	4.822	5.022	480.670	500.000	-3.9
Aroclor-1016-4	4.963	4.864	5.064	467.620	500.000	-6.5
Aroclor-1016-5	5.174	5.076	5.276	501.200	500.000	0.2
Aroclor-1260-1	6.201	6.104	6.304	458.390	500.000	-8.3
Aroclor-1260-2	6.390	6.292	6.492	459.570	500.000	-8.1
Aroclor-1260-3	6.541	6.443	6.643	430.140	500.000	-14.0
Aroclor-1260-4	7.010	6.912	7.112	445.540	500.000	-10.9
Aroclor-1260-5	7.253	7.155	7.355	439.410	500.000	-12.1
Decachlorobiphenyl	8.626	8.528	8.728	49.130	50.000	-1.7
Tetrachloro-m-xylene	3.653	3.555	3.755	49.960	50.000	-0.1

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 14:45
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: Aug 25 02:01:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.661	3.653	429.9E6	252.8E6	52.512	49.960
2)	SA Decachlor...	8.679	8.626	326.9E6	93088041	47.156	49.127
	Target Compounds						
3)	L1 AR-1016-1	4.746	4.727	139.9E6	85023205	524.080	498.454
4)	L1 AR-1016-2	4.765	4.745	212.8E6	127.9E6	530.029	496.225
5)	L1 AR-1016-3	4.822	4.920	135.5E6	67109137	531.347	480.675
6)	L1 AR-1016-4	4.941	4.963	103.7E6	54571256	475.725	467.624
7)	L1 AR-1016-5	5.197	5.174	115.3E6	71436587	520.365	501.204
31)	L7 AR-1260-1	6.233	6.201	216.2E6	116.9E6	484.859	458.392
32)	L7 AR-1260-2	6.423	6.390	336.3E6	158.9E6	489.789	459.569
33)	L7 AR-1260-3	6.788	6.541	296.2E6	127.9E6	479.669	430.140
34)	L7 AR-1260-4	7.048	7.010	221.3E6	92337492	494.113	445.538
35)	L7 AR-1260-5	7.291	7.253	600.2E6	205.8E6	495.794	439.413

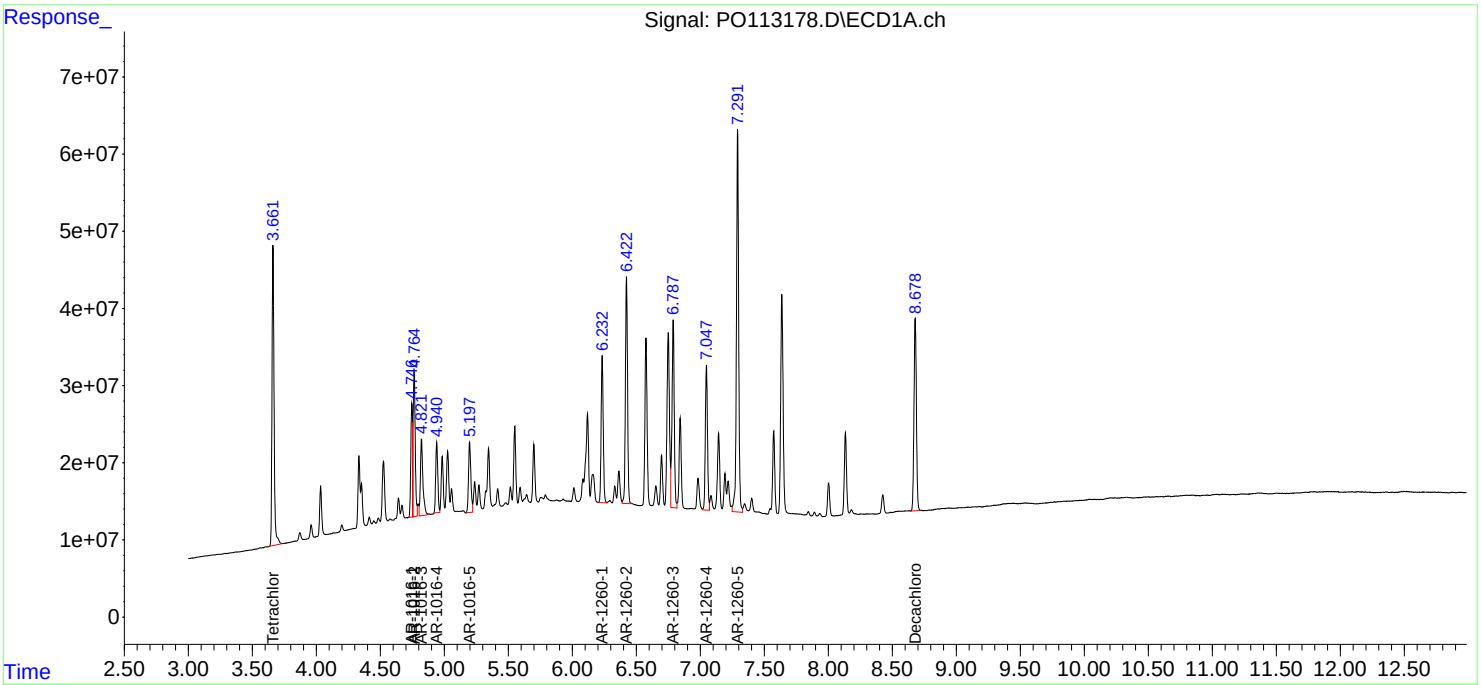
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

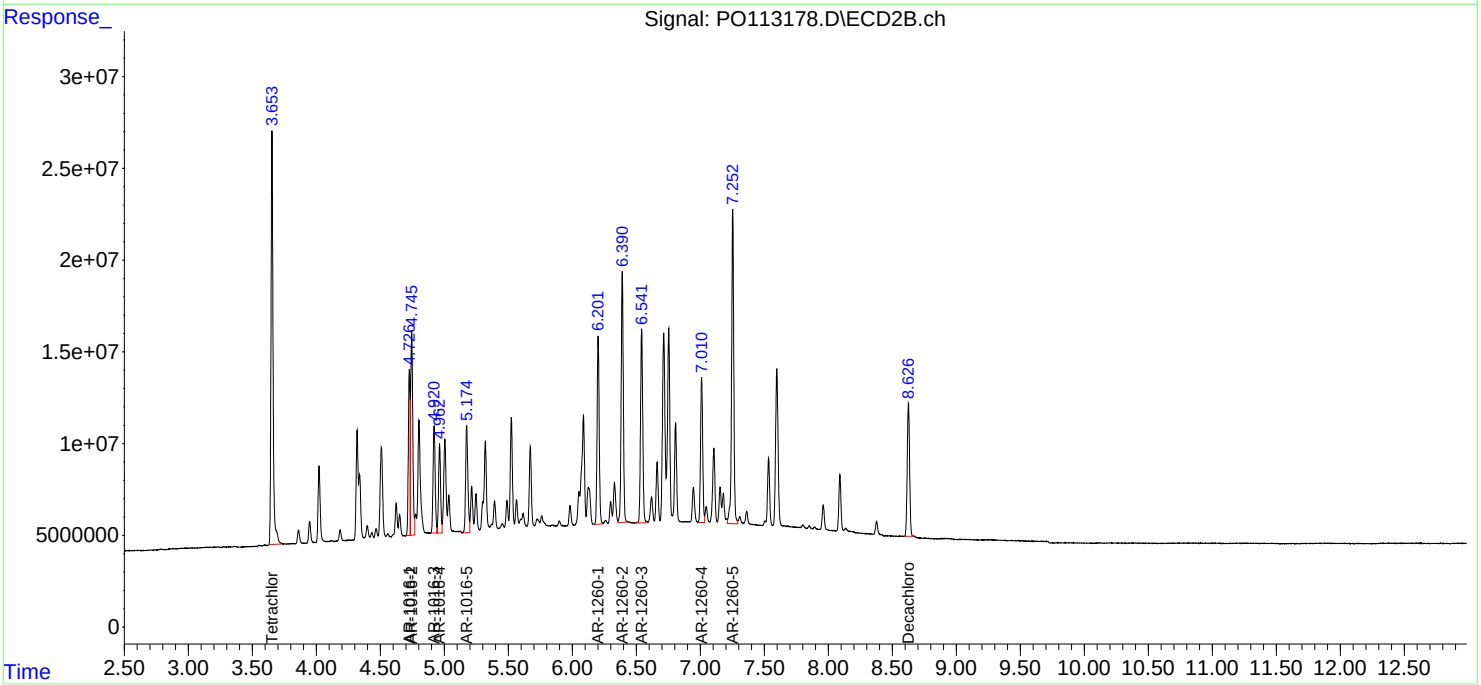
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 14:45
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:01:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 20:14 **Initial Calibration Time(s):** 09:53 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.01
Aroclor-1016-3	(3)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-2	(2)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-3	(3)	6.79	6.79	6.69	6.89	0.00
Aroclor-1260-4	(4)	7.05	7.05	6.95	7.15	0.00
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 20:14 **Initial Calibration Time(s):** 09:53 18:24

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)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.18	5.18	5.08	5.28	0.00
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.63	8.63	8.53	8.73	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113193.D **Time Analyzed:** 20:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.747	4.648	4.848	518.070	500.000	3.6
Aroclor-1016-2	4.765	4.666	4.866	537.940	500.000	7.6
Aroclor-1016-3	4.823	4.724	4.924	531.100	500.000	6.2
Aroclor-1016-4	4.941	4.843	5.043	491.560	500.000	-1.7
Aroclor-1016-5	5.199	5.099	5.299	564.270	500.000	12.9
Aroclor-1260-1	6.235	6.136	6.336	480.810	500.000	-3.8
Aroclor-1260-2	6.424	6.326	6.526	473.600	500.000	-5.3
Aroclor-1260-3	6.790	6.691	6.891	462.980	500.000	-7.4
Aroclor-1260-4	7.049	6.951	7.151	482.200	500.000	-3.6
Aroclor-1260-5	7.292	7.194	7.394	465.850	500.000	-6.8
Decachlorobiphenyl	8.680	8.582	8.782	42.790	50.000	-14.4
Tetrachloro-m-xylene	3.662	3.563	3.763	52.350	50.000	4.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO113193.D **Time Analyzed:** 20:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.728	4.629	4.829	494.670	500.000	-1.1
Aroclor-1016-2	4.745	4.647	4.847	501.600	500.000	0.3
Aroclor-1016-3	4.920	4.822	5.022	486.130	500.000	-2.8
Aroclor-1016-4	4.963	4.864	5.064	468.740	500.000	-6.3
Aroclor-1016-5	5.175	5.076	5.276	517.800	500.000	3.6
Aroclor-1260-1	6.202	6.104	6.304	460.660	500.000	-7.9
Aroclor-1260-2	6.390	6.292	6.492	457.400	500.000	-8.5
Aroclor-1260-3	6.542	6.443	6.643	424.220	500.000	-15.2
Aroclor-1260-4	7.011	6.912	7.112	430.870	500.000	-13.8
Aroclor-1260-5	7.253	7.155	7.355	431.340	500.000	-13.7
Decachlorobiphenyl	8.626	8.528	8.728	46.810	50.000	-6.4
Tetrachloro-m-xylene	3.655	3.555	3.755	50.400	50.000	0.8

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 20:14
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: Aug 25 02:08:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.655	428.6E6	255.0E6	52.352	50.397
2)	SA Decachlor...	8.680	8.626	296.6E6	88706258	42.794	46.814
	Target Compounds						
3)	L1 AR-1016-1	4.747	4.728	138.3E6	84377779	518.068	494.670
4)	L1 AR-1016-2	4.765	4.745	215.9E6	129.2E6	537.935	501.595
5)	L1 AR-1016-3	4.823	4.920	135.4E6	67871216	531.098	486.133
6)	L1 AR-1016-4	4.941	4.963	107.2E6	54701184	491.562	468.738
7)	L1 AR-1016-5	5.199	5.175	125.1E6	73801623	564.270	517.797
31)	L7 AR-1260-1	6.235	6.202	214.4E6	117.5E6	480.806	460.659
32)	L7 AR-1260-2	6.424	6.390	325.2E6	158.1E6	473.604	457.400
33)	L7 AR-1260-3	6.790	6.542	285.9E6	126.2E6	462.982	424.222
34)	L7 AR-1260-4	7.049	7.011	216.0E6	89297011	482.201	430.867
35)	L7 AR-1260-5	7.292	7.253	564.0E6	202.1E6	465.851	431.337

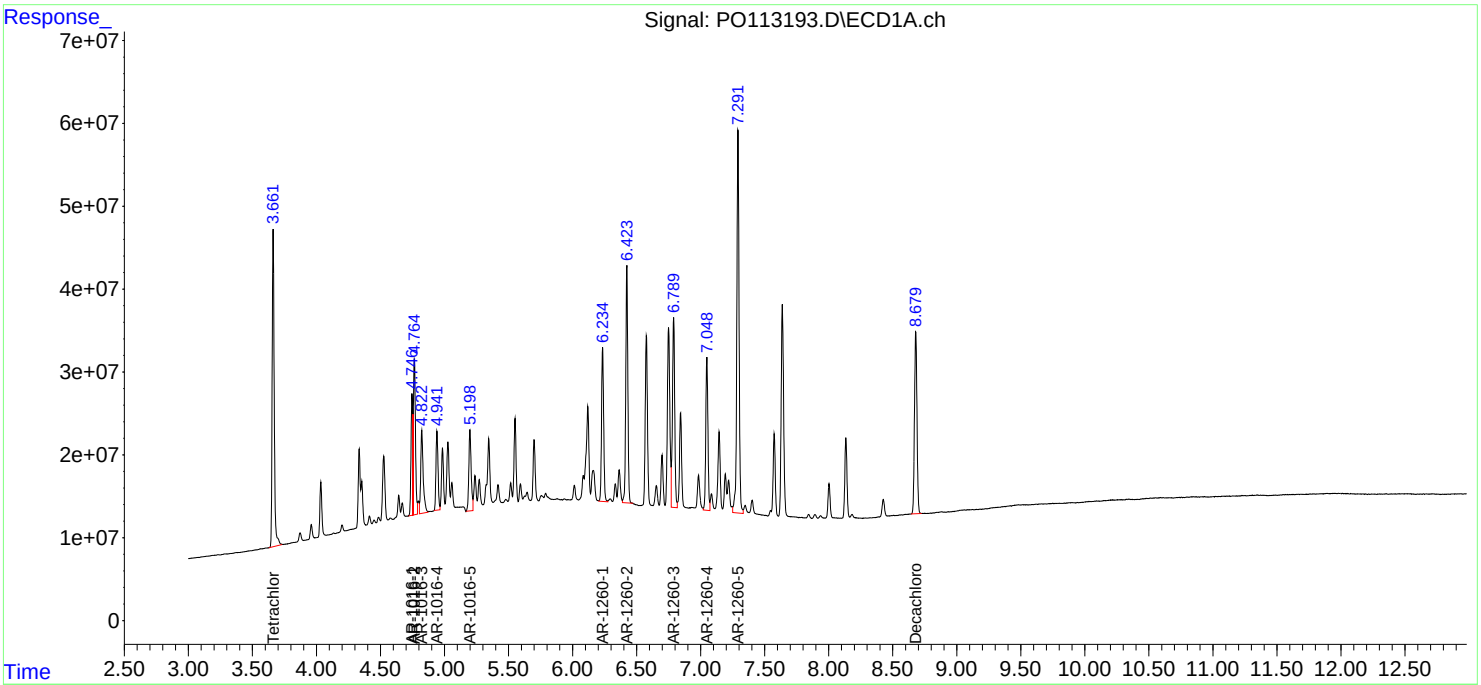
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

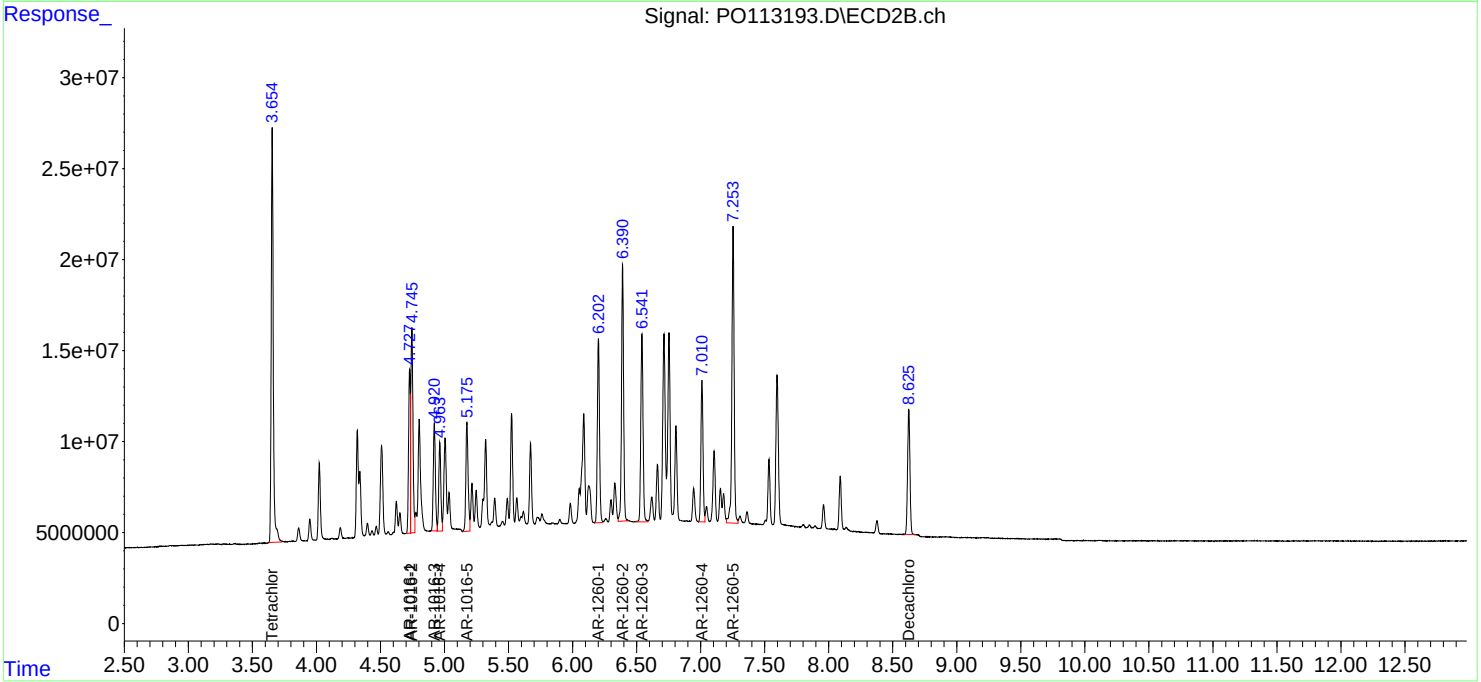
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 20:14
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:08:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 08:50 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 08:50 **Initial Calibration Time(s):** 10:02 17:36

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)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074562.D **Time Analyzed:** 08:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.809	5.706	5.906	485.240	500.000	-3.0
Aroclor-1016-2	5.831	5.727	5.927	508.080	500.000	1.6
Aroclor-1016-3	5.894	5.790	5.990	471.790	500.000	-5.6
Aroclor-1016-4	5.991	5.888	6.088	492.820	500.000	-1.4
Aroclor-1016-5	6.283	6.180	6.380	511.900	500.000	2.4
Aroclor-1260-1	7.401	7.297	7.497	492.530	500.000	-1.5
Aroclor-1260-2	7.653	7.550	7.750	489.260	500.000	-2.1
Aroclor-1260-3	8.011	7.908	8.108	517.170	500.000	3.4
Aroclor-1260-4	8.239	8.136	8.336	500.020	500.000	0.0
Aroclor-1260-5	8.565	8.462	8.662	492.030	500.000	-1.6
Decachlorobiphenyl	10.436	10.333	10.533	50.780	50.000	1.6
Tetrachloro-m-xylene	4.657	4.554	4.754	48.970	50.000	-2.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074562.D **Time Analyzed:** 08:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.899	4.799	4.999	496.520	500.000	-0.7
Aroclor-1016-2	4.957	4.855	5.055	506.360	500.000	1.3
Aroclor-1016-3	5.077	4.976	5.176	488.410	500.000	-2.3
Aroclor-1016-4	5.118	5.017	5.217	500.870	500.000	0.2
Aroclor-1016-5	5.331	5.231	5.431	485.760	500.000	-2.8
Aroclor-1260-1	6.362	6.261	6.461	483.650	500.000	-3.3
Aroclor-1260-2	6.548	6.448	6.648	483.570	500.000	-3.3
Aroclor-1260-3	6.702	6.602	6.802	439.540	500.000	-12.1
Aroclor-1260-4	7.172	7.072	7.272	479.380	500.000	-4.1
Aroclor-1260-5	7.411	7.311	7.511	464.100	500.000	-7.2
Decachlorobiphenyl	8.813	8.715	8.915	48.500	50.000	-3.0
Tetrachloro-m-xylene	3.800	3.699	3.899	51.200	50.000	2.4

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 08:50
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:24:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.800	59918404	247.6E6	48.965	51.202
2)	SA Decachlor...	10.436	8.813	50142231	363.7E6	50.776	48.496
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.899	21393778	252.9E6	485.242	496.520
4)	L1 AR-1016-2	5.831	4.957	31928810	120.5E6	508.084	506.363
5)	L1 AR-1016-3	5.894	5.077	21189942	67353781	471.790	488.412
6)	L1 AR-1016-4	5.991	5.118	17338247	70023686	492.818	500.873
7)	L1 AR-1016-5	6.283	5.331	16988015	80676268	511.902	485.758
31)	L7 AR-1260-1	7.401	6.362	28472671	181.5E6	492.526	483.645
32)	L7 AR-1260-2	7.653	6.548	33718614	255.7E6	489.261	483.567
33)	L7 AR-1260-3	8.011	6.702	26833470	190.3E6	517.169	439.538
34)	L7 AR-1260-4	8.239	7.172	31897510	182.9E6	500.018	479.384
35)	L7 AR-1260-5	8.565	7.411	55802441	466.2E6	492.032	464.103

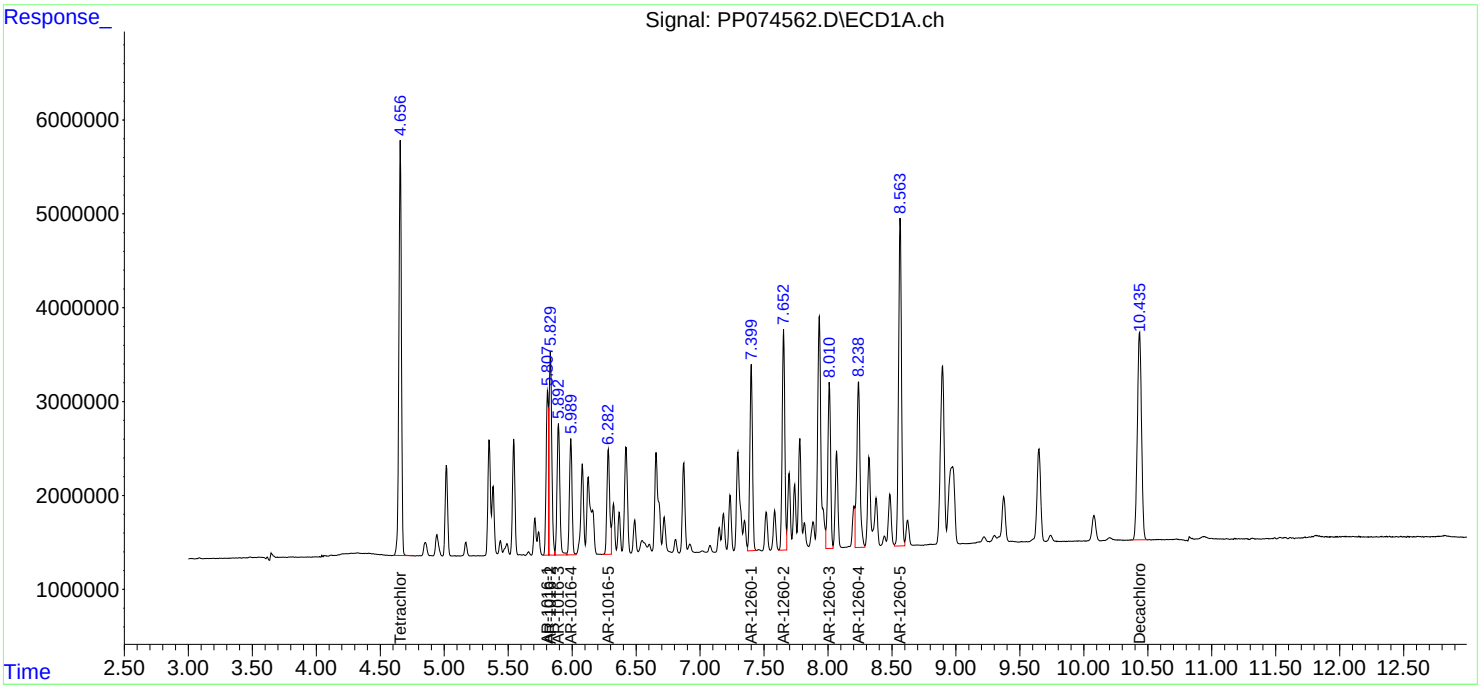
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

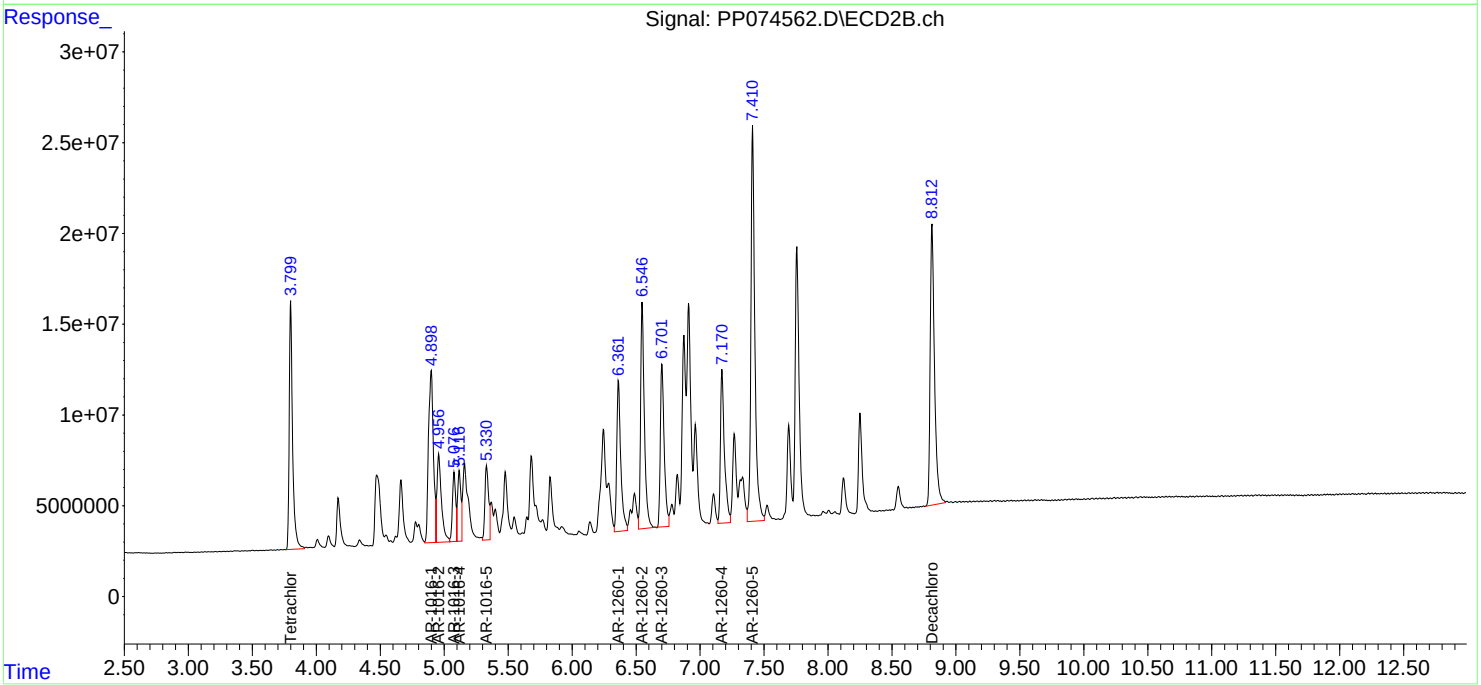
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 08:50
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:24:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 14:14 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.89	5.79	5.99	-0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.29	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.66	7.65	7.55	7.75	-0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 14:14 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.71	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.82	8.82	8.72	8.92	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074577.D **Time Analyzed:** 14:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.811	5.706	5.906	476.170	500.000	-4.8
Aroclor-1016-2	5.832	5.727	5.927	501.970	500.000	0.4
Aroclor-1016-3	5.896	5.790	5.990	461.020	500.000	-7.8
Aroclor-1016-4	5.993	5.888	6.088	487.570	500.000	-2.5
Aroclor-1016-5	6.285	6.180	6.380	507.720	500.000	1.5
Aroclor-1260-1	7.403	7.297	7.497	487.310	500.000	-2.5
Aroclor-1260-2	7.655	7.550	7.750	478.880	500.000	-4.2
Aroclor-1260-3	8.013	7.908	8.108	507.660	500.000	1.5
Aroclor-1260-4	8.242	8.136	8.336	489.410	500.000	-2.1
Aroclor-1260-5	8.568	8.462	8.662	483.040	500.000	-3.4
Decachlorobiphenyl	10.440	10.333	10.533	50.020	50.000	0.0
Tetrachloro-m-xylene	4.659	4.554	4.754	48.500	50.000	-3.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074577.D **Time Analyzed:** 14:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.901	4.799	4.999	494.070	500.000	-1.2
Aroclor-1016-2	4.959	4.855	5.055	509.360	500.000	1.9
Aroclor-1016-3	5.078	4.976	5.176	495.350	500.000	-0.9
Aroclor-1016-4	5.119	5.017	5.217	495.570	500.000	-0.9
Aroclor-1016-5	5.334	5.231	5.431	462.950	500.000	-7.4
Aroclor-1260-1	6.364	6.261	6.461	467.730	500.000	-6.5
Aroclor-1260-2	6.551	6.448	6.648	460.480	500.000	-7.9
Aroclor-1260-3	6.705	6.602	6.802	428.120	500.000	-14.4
Aroclor-1260-4	7.174	7.072	7.272	461.240	500.000	-7.8
Aroclor-1260-5	7.413	7.311	7.511	463.780	500.000	-7.2
Decachlorobiphenyl	8.817	8.715	8.915	45.240	50.000	-9.5
Tetrachloro-m-xylene	3.802	3.699	3.899	49.780	50.000	-0.4

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 14:14
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:29:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.802	59353792	240.7E6	48.504	49.782
2)	SA Decachlor...	10.440	8.817	49396170	339.3E6	50.021	45.241
	Target Compounds						
3)	L1 AR-1016-1	5.811	4.901	20993983	251.7E6	476.174	494.069
4)	L1 AR-1016-2	5.832	4.959	31544518	121.2E6	501.968	509.358
5)	L1 AR-1016-3	5.896	5.078	20706187	68310228	461.019	495.348
6)	L1 AR-1016-4	5.993	5.119	17153695	69281908	487.573	495.567
7)	L1 AR-1016-5	6.285	5.334	16849337	76888309	507.723	462.950
31)	L7 AR-1260-1	7.403	6.364	28171269	175.5E6	487.312	467.727
32)	L7 AR-1260-2	7.655	6.551	33003142	243.5E6	478.879	460.485
33)	L7 AR-1260-3	8.013	6.705	26340025	185.4E6	507.659	428.123
34)	L7 AR-1260-4	8.242	7.174	31220696	176.0E6	489.408	461.245
35)	L7 AR-1260-5	8.568	7.413	54782891	465.9E6	483.043	463.778

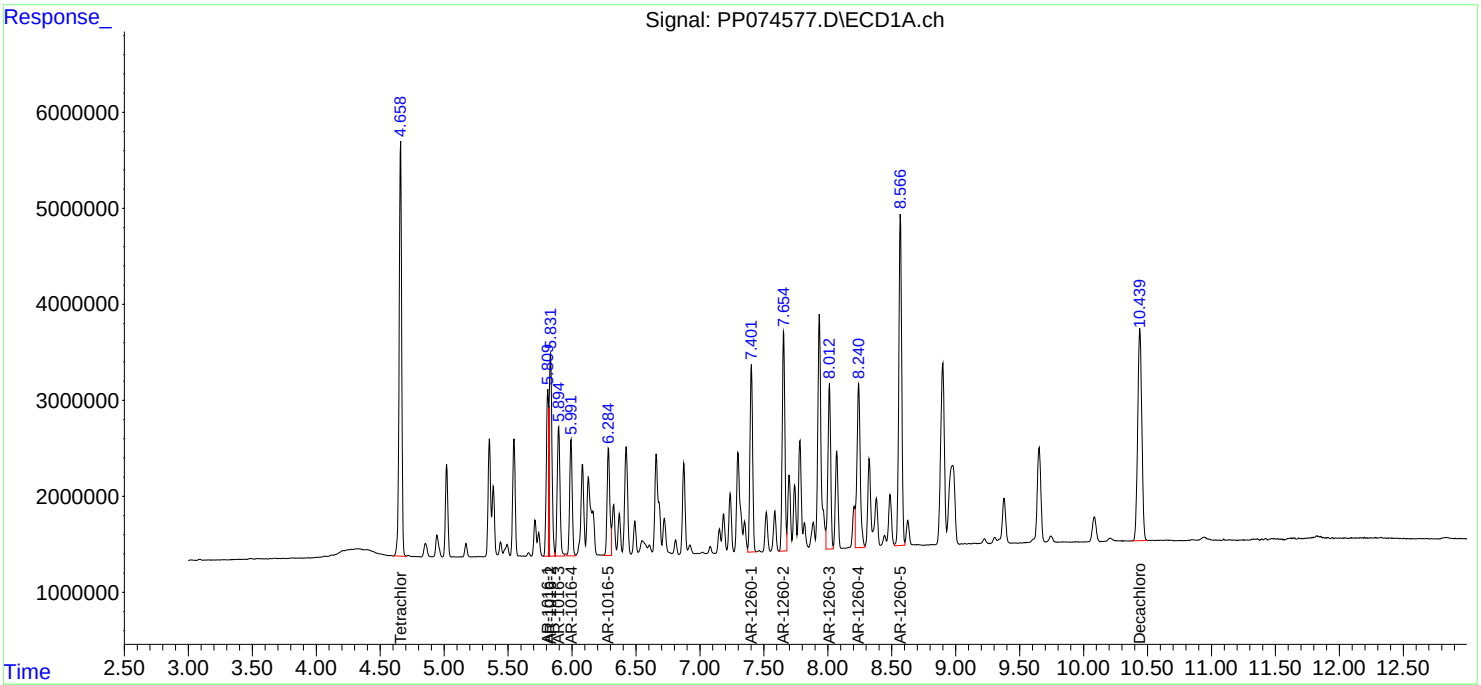
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

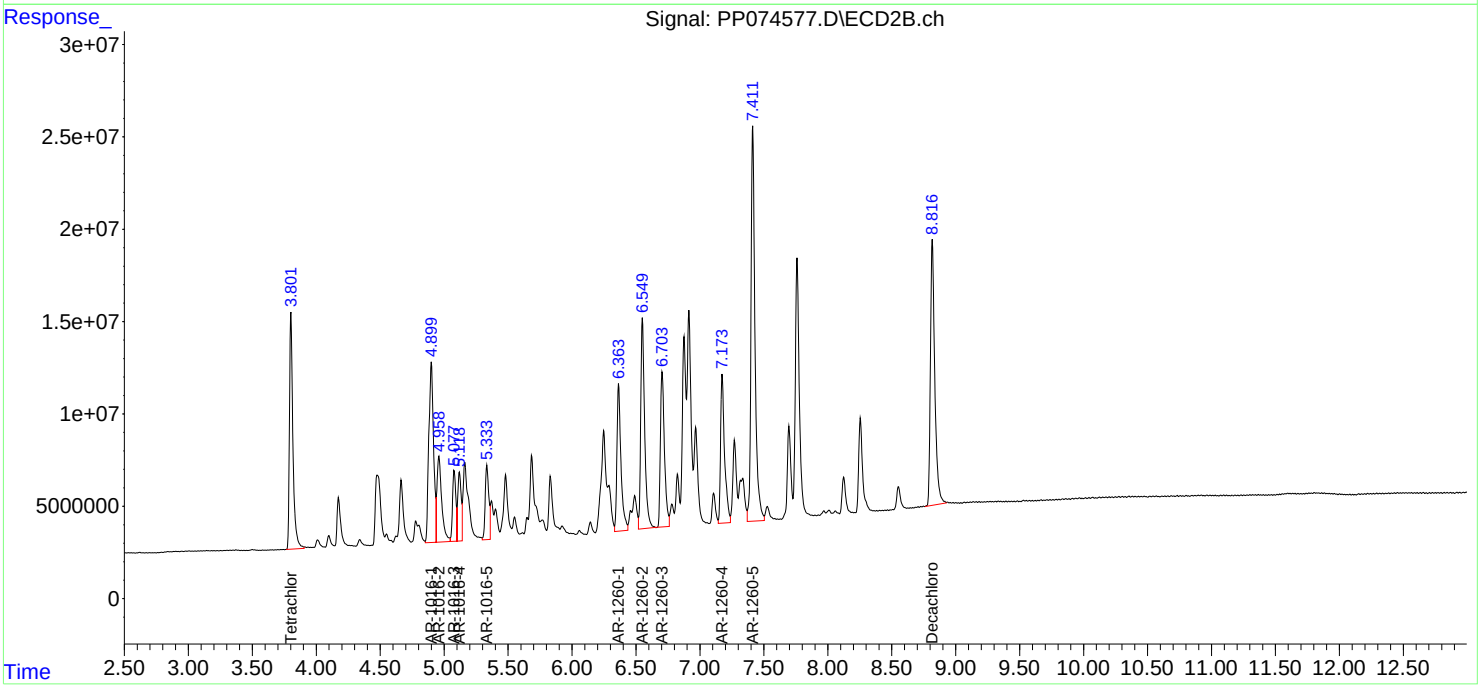
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 14:14
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:29:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 19:07 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/22/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 19:07 **Initial Calibration Time(s):** 10:02 17:36

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)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL06 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074592.D **Time Analyzed:** 19:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.809	5.706	5.906	478.870	500.000	-4.2
Aroclor-1016-2	5.831	5.727	5.927	494.830	500.000	-1.0
Aroclor-1016-3	5.895	5.790	5.990	462.970	500.000	-7.4
Aroclor-1016-4	5.991	5.888	6.088	482.320	500.000	-3.5
Aroclor-1016-5	6.283	6.180	6.380	498.280	500.000	-0.3
Aroclor-1260-1	7.401	7.297	7.497	479.010	500.000	-4.2
Aroclor-1260-2	7.653	7.550	7.750	469.790	500.000	-6.0
Aroclor-1260-3	8.011	7.908	8.108	497.950	500.000	-0.4
Aroclor-1260-4	8.240	8.136	8.336	480.450	500.000	-3.9
Aroclor-1260-5	8.566	8.462	8.662	474.990	500.000	-5.0
Decachlorobiphenyl	10.435	10.333	10.533	48.800	50.000	-2.4
Tetrachloro-m-xylene	4.659	4.554	4.754	48.220	50.000	-3.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL06 **Date Analyzed:** 08/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074592.D **Time Analyzed:** 19:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.901	4.799	4.999	488.860	500.000	-2.2
Aroclor-1016-2	4.958	4.855	5.055	504.890	500.000	1.0
Aroclor-1016-3	5.079	4.976	5.176	481.500	500.000	-3.7
Aroclor-1016-4	5.119	5.017	5.217	480.570	500.000	-3.9
Aroclor-1016-5	5.333	5.231	5.431	468.870	500.000	-6.2
Aroclor-1260-1	6.362	6.261	6.461	468.040	500.000	-6.4
Aroclor-1260-2	6.549	6.448	6.648	450.670	500.000	-9.9
Aroclor-1260-3	6.703	6.602	6.802	414.420	500.000	-17.1
Aroclor-1260-4	7.172	7.072	7.272	450.160	500.000	-10.0
Aroclor-1260-5	7.412	7.311	7.511	441.440	500.000	-11.7
Decachlorobiphenyl	8.814	8.715	8.915	44.310	50.000	-11.4
Tetrachloro-m-xylene	3.802	3.699	3.899	50.520	50.000	1.0

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 19:07
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:34:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.802	59001054	244.3E6	48.216	50.519
2)	SA Decachlor...	10.435	8.814	48185988	332.3E6	48.795	44.315
	Target Compounds						
3)	L1 AR-1016-1	5.809	4.901	21112819	249.0E6	478.870	488.856
4)	L1 AR-1016-2	5.831	4.958	31095684	120.2E6	494.826	504.886
5)	L1 AR-1016-3	5.895	5.079	20793667	66401145	462.967	481.504
6)	L1 AR-1016-4	5.991	5.119	16969003	67185913	482.323	480.575
7)	L1 AR-1016-5	6.283	5.333	16536033	77871106	498.282	468.868
31)	L7 AR-1260-1	7.401	6.362	27691142	175.6E6	479.007	468.044
32)	L7 AR-1260-2	7.653	6.549	32376568	238.3E6	469.788	450.672
33)	L7 AR-1260-3	8.011	6.703	25836031	179.4E6	497.945	414.423
34)	L7 AR-1260-4	8.240	7.172	30649087	171.7E6	480.448	450.156
35)	L7 AR-1260-5	8.566	7.412	53869330	443.4E6	474.987	441.442

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

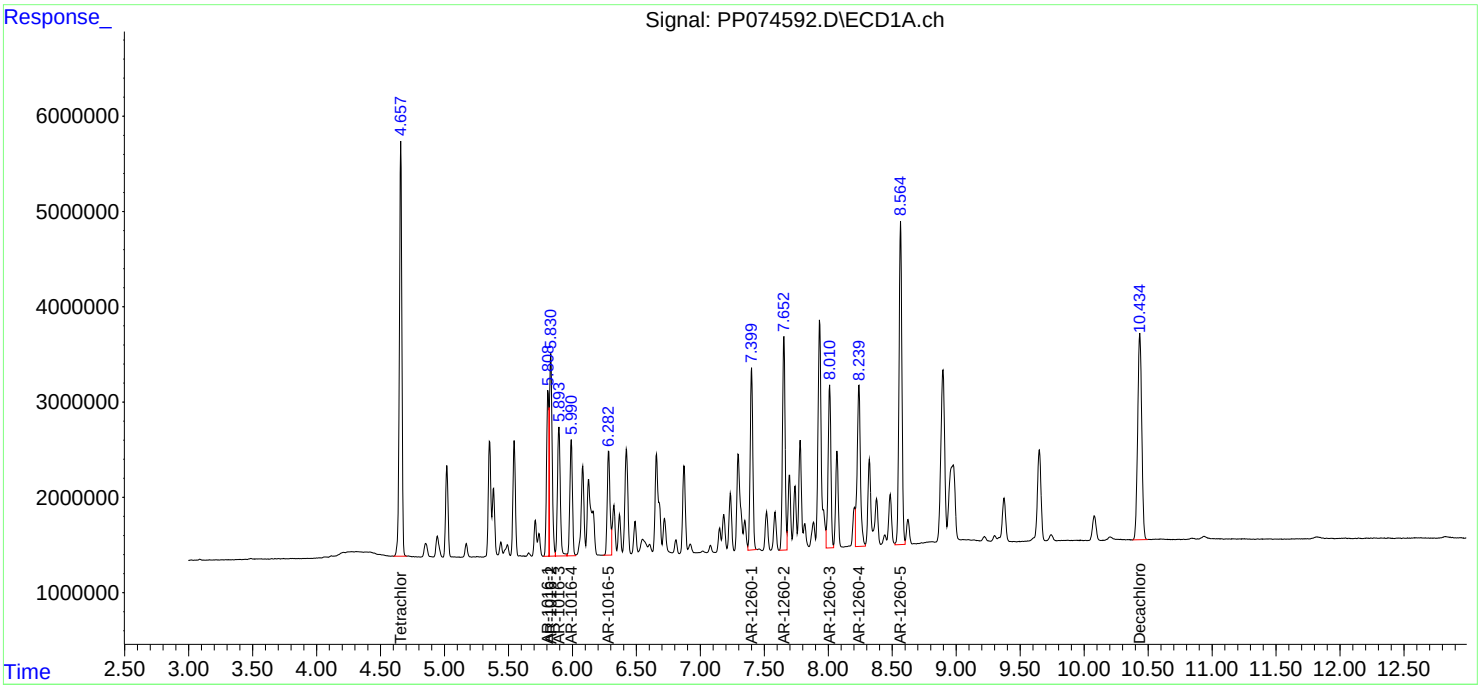
Quantitation Report (QT Reviewed)

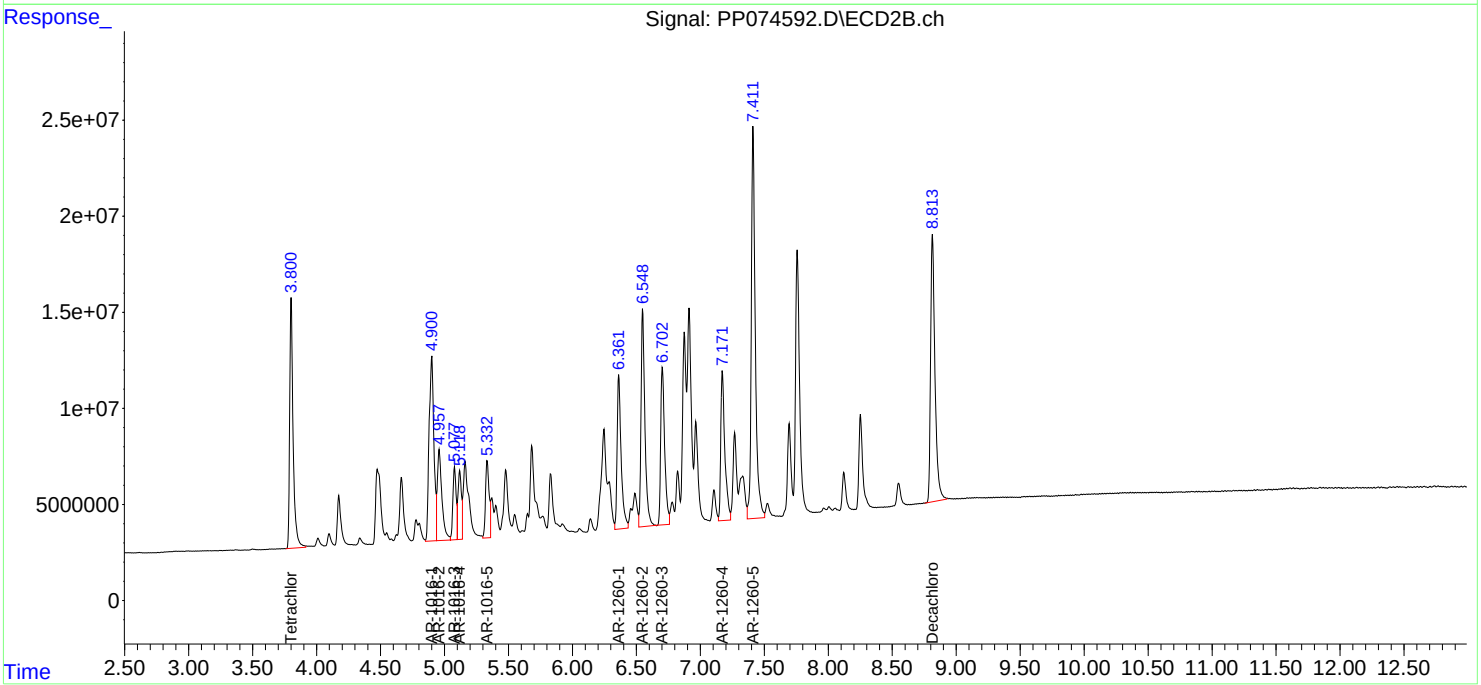
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 19:07
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:34:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/23/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 01:22 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/23/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 01:22 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL07 **Date Analyzed:** 08/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074607.D **Time Analyzed:** 01:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.810	5.706	5.906	517.150	500.000	3.4
Aroclor-1016-2	5.832	5.727	5.927	535.080	500.000	7.0
Aroclor-1016-3	5.894	5.790	5.990	490.880	500.000	-1.8
Aroclor-1016-4	5.992	5.888	6.088	514.370	500.000	2.9
Aroclor-1016-5	6.284	6.180	6.380	532.650	500.000	6.5
Aroclor-1260-1	7.401	7.297	7.497	502.910	500.000	0.6
Aroclor-1260-2	7.653	7.550	7.750	497.210	500.000	-0.6
Aroclor-1260-3	8.011	7.908	8.108	526.350	500.000	5.3
Aroclor-1260-4	8.240	8.136	8.336	506.800	500.000	1.4
Aroclor-1260-5	8.565	8.462	8.662	489.770	500.000	-2.0
Decachlorobiphenyl	10.436	10.333	10.533	50.680	50.000	1.4
Tetrachloro-m-xylene	4.659	4.554	4.754	52.580	50.000	5.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL07 **Date Analyzed:** 08/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074607.D **Time Analyzed:** 01:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.900	4.799	4.999	528.170	500.000	5.6
Aroclor-1016-2	4.958	4.855	5.055	550.600	500.000	10.1
Aroclor-1016-3	5.079	4.976	5.176	521.820	500.000	4.4
Aroclor-1016-4	5.119	5.017	5.217	501.960	500.000	0.4
Aroclor-1016-5	5.334	5.231	5.431	472.280	500.000	-5.5
Aroclor-1260-1	6.363	6.261	6.461	480.650	500.000	-3.9
Aroclor-1260-2	6.549	6.448	6.648	458.750	500.000	-8.3
Aroclor-1260-3	6.703	6.602	6.802	420.480	500.000	-15.9
Aroclor-1260-4	7.173	7.072	7.272	436.150	500.000	-12.8
Aroclor-1260-5	7.412	7.311	7.511	431.770	500.000	-13.6
Decachlorobiphenyl	8.814	8.715	8.915	42.100	50.000	-15.8
Tetrachloro-m-xylene	3.801	3.699	3.899	55.450	50.000	10.9

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 01:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 07:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.801	64338861	268.1E6	52.578	55.450
2)	SA Decachlor...	10.436	8.814	50046244	315.7E6	50.679	42.103
	Target Compounds						
3)	L1 AR-1016-1	5.810	4.900	22800596	269.0E6	517.151	528.166
4)	L1 AR-1016-2	5.832	4.958	33625374	131.1E6	535.081	550.601
5)	L1 AR-1016-3	5.894	5.079	22047236	71960870	490.877	521.820
6)	L1 AR-1016-4	5.992	5.119	18096409	70175631	514.368	501.960
7)	L1 AR-1016-5	6.284	5.334	17676703	78437183	532.654	472.276
31)	L7 AR-1260-1	7.401	6.363	29072849	180.4E6	502.908	480.654
32)	L7 AR-1260-2	7.653	6.549	34266261	242.6E6	497.207	458.747
33)	L7 AR-1260-3	8.011	6.703	27309752	182.1E6	526.349	420.484
34)	L7 AR-1260-4	8.240	7.173	32330412	166.4E6	506.804	436.149
35)	L7 AR-1260-5	8.565	7.412	55545757	433.7E6	489.769	431.772

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

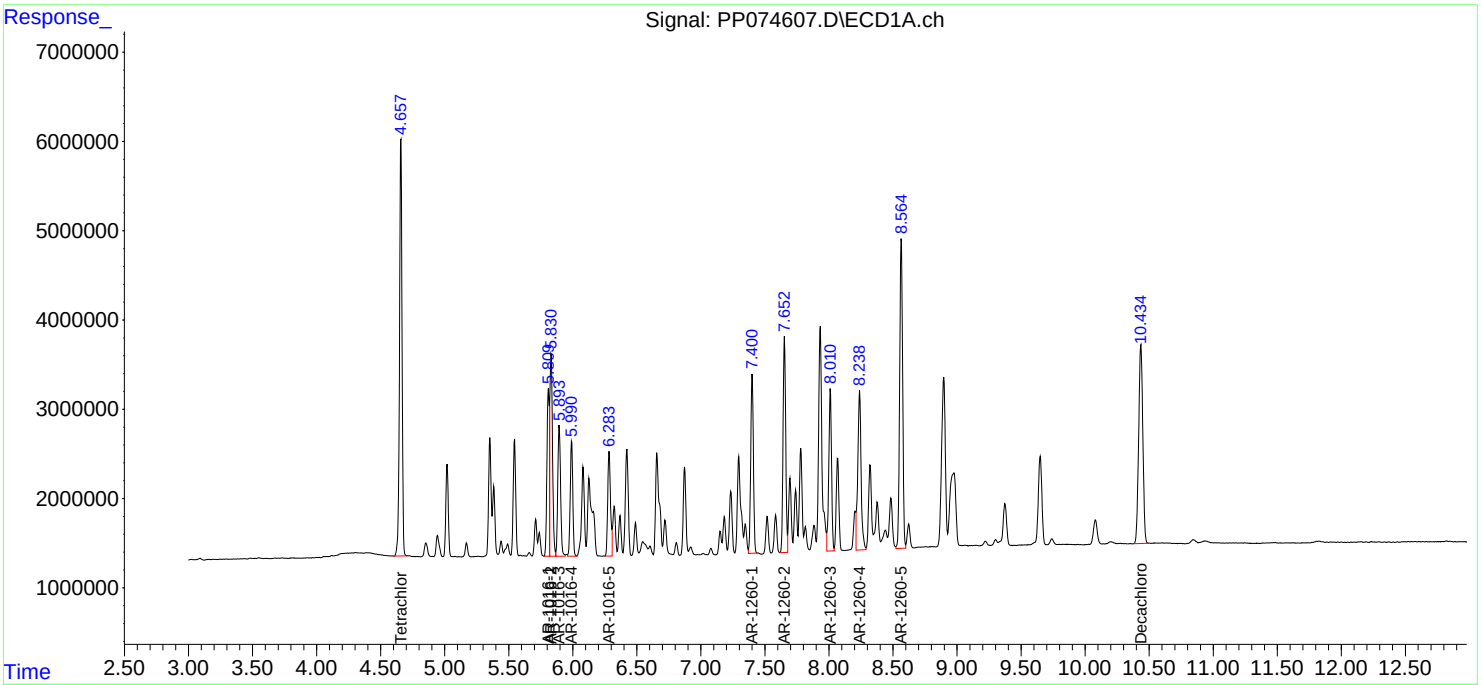
Quantitation Report (QT Reviewed)

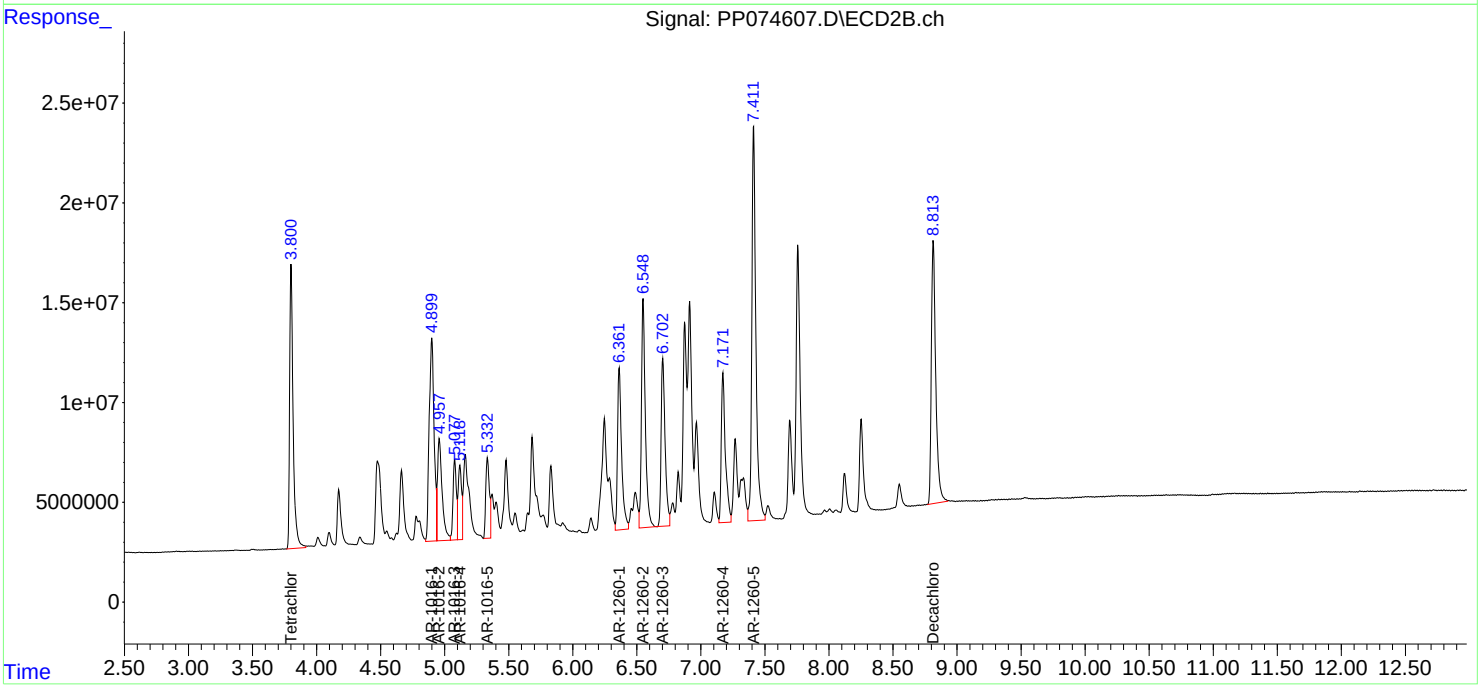
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 01:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 07:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/23/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 05:26 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/23/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 05:26 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.01
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.01
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL08 **Date Analyzed:** 08/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074619.D **Time Analyzed:** 05:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.806	5.706	5.906	477.270	500.000	-4.5
Aroclor-1016-2	5.828	5.727	5.927	504.260	500.000	0.9
Aroclor-1016-3	5.891	5.790	5.990	467.730	500.000	-6.5
Aroclor-1016-4	5.987	5.888	6.088	482.490	500.000	-3.5
Aroclor-1016-5	6.280	6.180	6.380	500.490	500.000	0.1
Aroclor-1260-1	7.397	7.297	7.497	472.640	500.000	-5.5
Aroclor-1260-2	7.650	7.550	7.750	463.510	500.000	-7.3
Aroclor-1260-3	8.008	7.908	8.108	491.980	500.000	-1.6
Aroclor-1260-4	8.236	8.136	8.336	464.640	500.000	-7.1
Aroclor-1260-5	8.561	8.462	8.662	454.250	500.000	-9.2
Decachlorobiphenyl	10.430	10.333	10.533	47.100	50.000	-5.8
Tetrachloro-m-xylene	4.655	4.554	4.754	49.100	50.000	-1.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL08 **Date Analyzed:** 08/23/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074619.D **Time Analyzed:** 05:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.897	4.799	4.999	480.720	500.000	-3.9
Aroclor-1016-2	4.955	4.855	5.055	492.480	500.000	-1.5
Aroclor-1016-3	5.075	4.976	5.176	473.430	500.000	-5.3
Aroclor-1016-4	5.116	5.017	5.217	458.630	500.000	-8.3
Aroclor-1016-5	5.330	5.231	5.431	420.760	500.000	-15.8
Aroclor-1260-1	6.359	6.261	6.461	454.660	500.000	-9.1
Aroclor-1260-2	6.545	6.448	6.648	459.130	500.000	-8.2
Aroclor-1260-3	6.700	6.602	6.802	406.660	500.000	-18.7
Aroclor-1260-4	7.169	7.072	7.272	439.820	500.000	-12.0
Aroclor-1260-5	7.408	7.311	7.511	433.530	500.000	-13.3
Decachlorobiphenyl	8.810	8.715	8.915	40.970	50.000	-18.1
Tetrachloro-m-xylene	3.798	3.699	3.899	53.390	50.000	6.8

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 05:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:41:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.798	60088621	258.1E6	49.104	53.386
2)	SA Decachlor...	10.430	8.810	46512852	307.2E6	47.101	40.966
	Target Compounds						
3)	L1 AR-1016-1	5.806	4.897	21042495	244.9E6	477.275	480.720
4)	L1 AR-1016-2	5.828	4.955	31688348	117.2E6	504.257	492.485
5)	L1 AR-1016-3	5.891	5.075	21007618	65287188	467.731	473.426
6)	L1 AR-1016-4	5.987	5.116	16974756	64117928	482.487	458.630
7)	L1 AR-1016-5	6.280	5.330	16609181	69881368	500.487	420.761
31)	L7 AR-1260-1	7.397	6.359	27323292	170.6E6	472.643	454.663
32)	L7 AR-1260-2	7.650	6.545	31944202	242.8E6	463.514	459.130
33)	L7 AR-1260-3	8.008	6.700	25526751	176.1E6	491.984	406.658
34)	L7 AR-1260-4	8.236	7.169	29640573	167.8E6	464.638	439.819
35)	L7 AR-1260-5	8.561	7.408	51517299	435.5E6	454.249	433.531

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

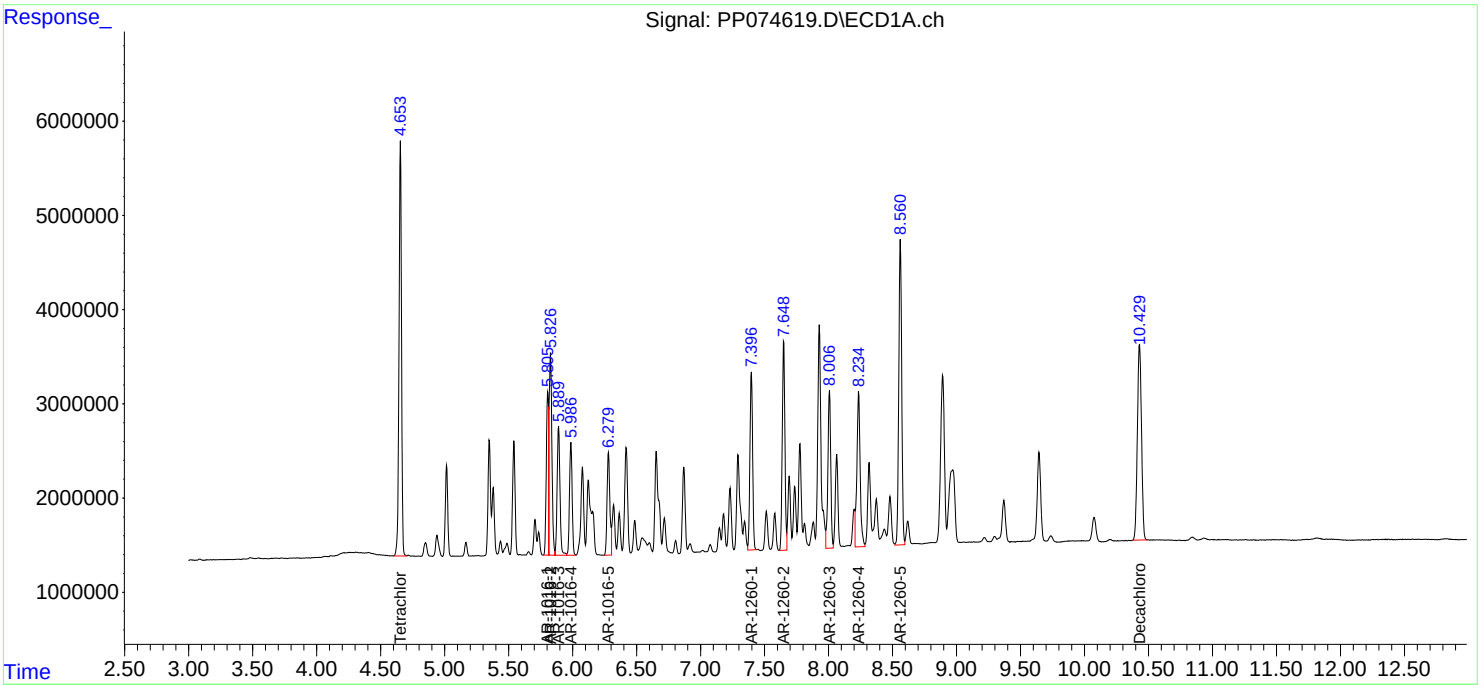
Quantitation Report (QT Reviewed)

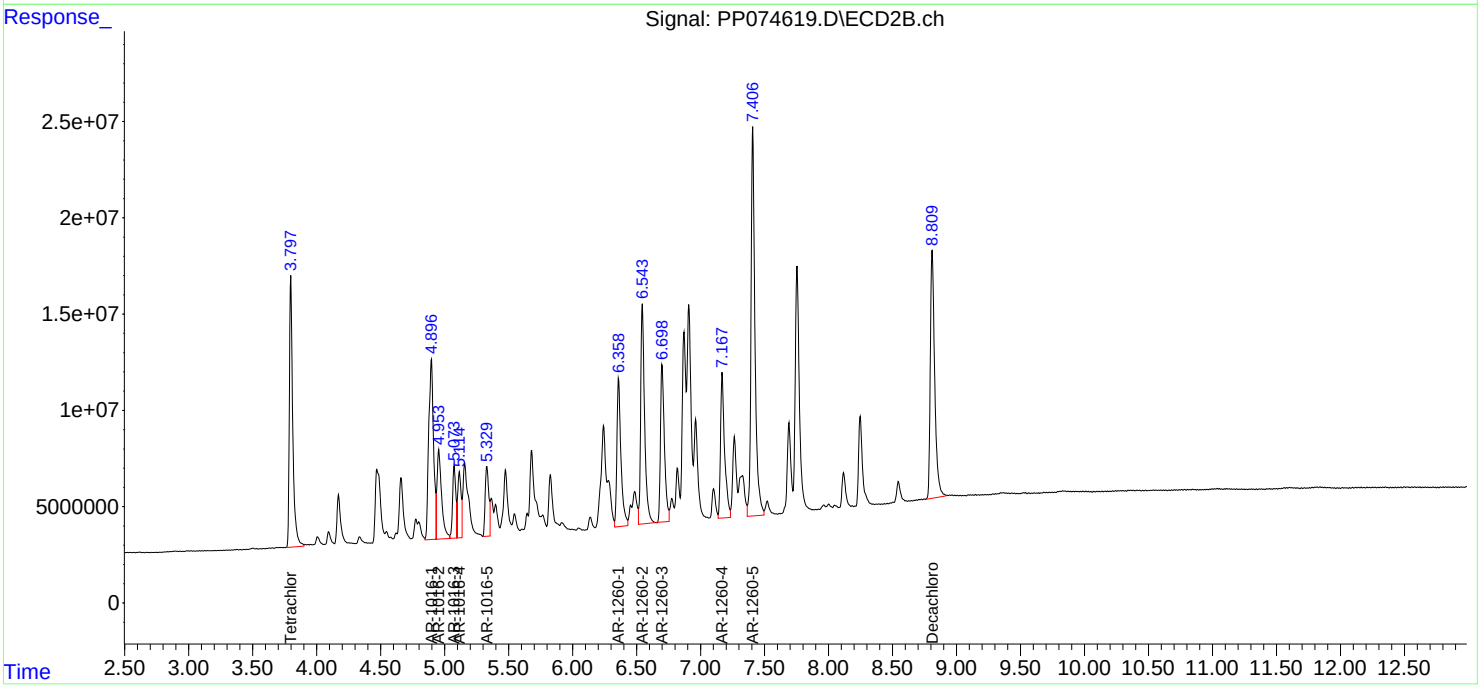
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 05:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:41:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/25/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 09:27 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.29	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/25/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 09:27 **Initial Calibration Time(s):** 10:02 17:36

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)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL09 **Date Analyzed:** 08/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074625.D **Time Analyzed:** 09:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.811	5.706	5.906	484.620	500.000	-3.1
Aroclor-1016-2	5.832	5.727	5.927	507.530	500.000	1.5
Aroclor-1016-3	5.895	5.790	5.990	466.780	500.000	-6.6
Aroclor-1016-4	5.992	5.888	6.088	488.820	500.000	-2.2
Aroclor-1016-5	6.285	6.180	6.380	510.640	500.000	2.1
Aroclor-1260-1	7.402	7.297	7.497	489.490	500.000	-2.1
Aroclor-1260-2	7.654	7.550	7.750	480.360	500.000	-3.9
Aroclor-1260-3	8.013	7.908	8.108	505.320	500.000	1.1
Aroclor-1260-4	8.241	8.136	8.336	484.400	500.000	-3.1
Aroclor-1260-5	8.567	8.462	8.662	476.020	500.000	-4.8
Decachlorobiphenyl	10.440	10.333	10.533	48.900	50.000	-2.2
Tetrachloro-m-xylene	4.659	4.554	4.754	48.930	50.000	-2.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL09 **Date Analyzed:** 08/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074625.D **Time Analyzed:** 09:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.899	4.799	4.999	483.550	500.000	-3.3
Aroclor-1016-2	4.958	4.855	5.055	498.030	500.000	-0.4
Aroclor-1016-3	5.077	4.976	5.176	472.590	500.000	-5.5
Aroclor-1016-4	5.118	5.017	5.217	495.260	500.000	-0.9
Aroclor-1016-5	5.332	5.231	5.431	450.530	500.000	-9.9
Aroclor-1260-1	6.362	6.261	6.461	472.760	500.000	-5.4
Aroclor-1260-2	6.548	6.448	6.648	458.710	500.000	-8.3
Aroclor-1260-3	6.703	6.602	6.802	418.350	500.000	-16.3
Aroclor-1260-4	7.172	7.072	7.272	454.340	500.000	-9.1
Aroclor-1260-5	7.411	7.311	7.511	464.570	500.000	-7.1
Decachlorobiphenyl	8.814	8.715	8.915	42.960	50.000	-14.1
Tetrachloro-m-xylene	3.801	3.699	3.899	50.430	50.000	0.9

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 09:27
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:02:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.801	59872494	243.8E6	48.928	50.428
2)	SA Decachlor...	10.440	8.814	48288176	322.2E6	48.899	42.964
	Target Compounds						
3)	L1 AR-1016-1	5.811	4.899	21366126	246.3E6	484.615	483.548
4)	L1 AR-1016-2	5.832	4.958	31894134	118.5E6	507.532	498.033
5)	L1 AR-1016-3	5.895	5.077	20964987	65172368	466.781	472.594
6)	L1 AR-1016-4	5.992	5.118	17197555	69238409	488.820	495.256
7)	L1 AR-1016-5	6.285	5.332	16946197	74825326	510.642	450.529
31)	L7 AR-1260-1	7.402	6.362	28297446	177.4E6	489.495	472.757
32)	L7 AR-1260-2	7.654	6.548	33105434	242.6E6	480.363	458.706
33)	L7 AR-1260-3	8.013	6.703	26218416	181.1E6	505.315	418.350
34)	L7 AR-1260-4	8.241	7.172	30901146	173.3E6	484.399	454.340
35)	L7 AR-1260-5	8.567	7.411	53986469	466.7E6	476.020	464.572

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

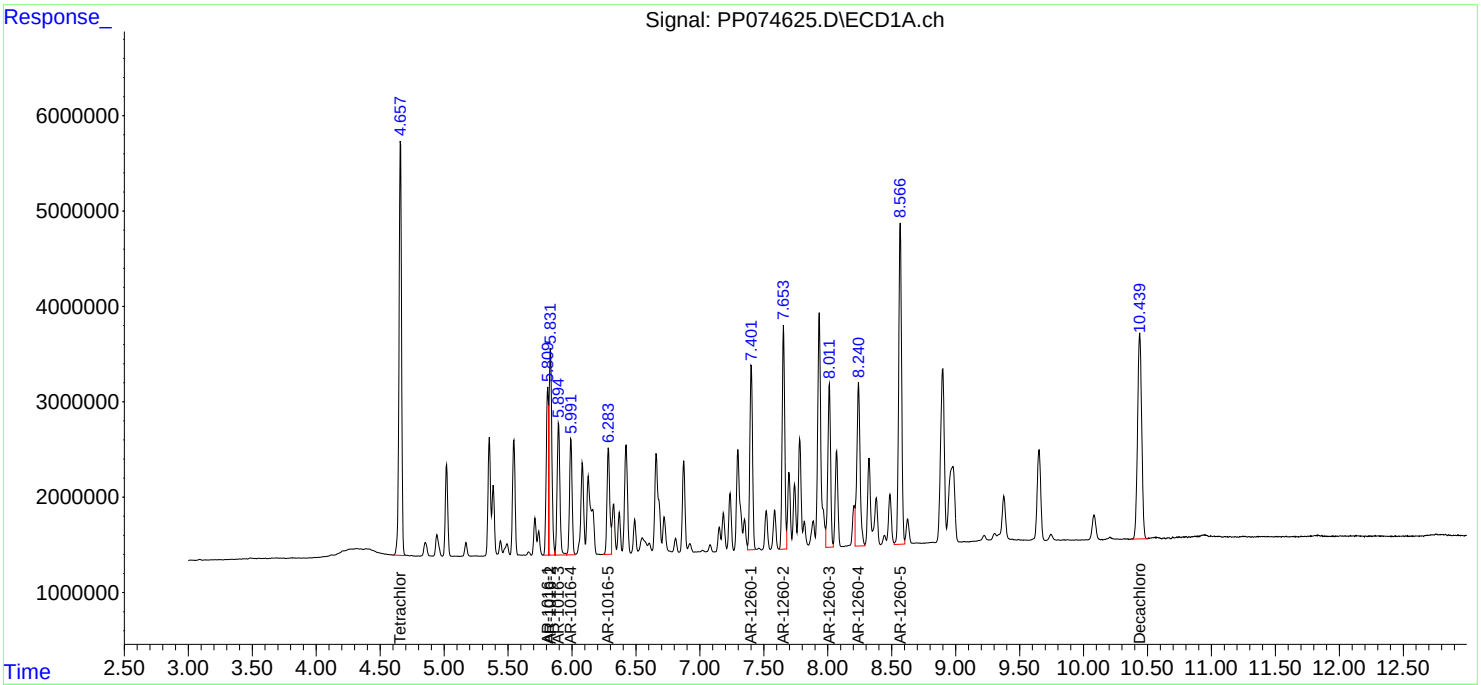
Quantitation Report (QT Reviewed)

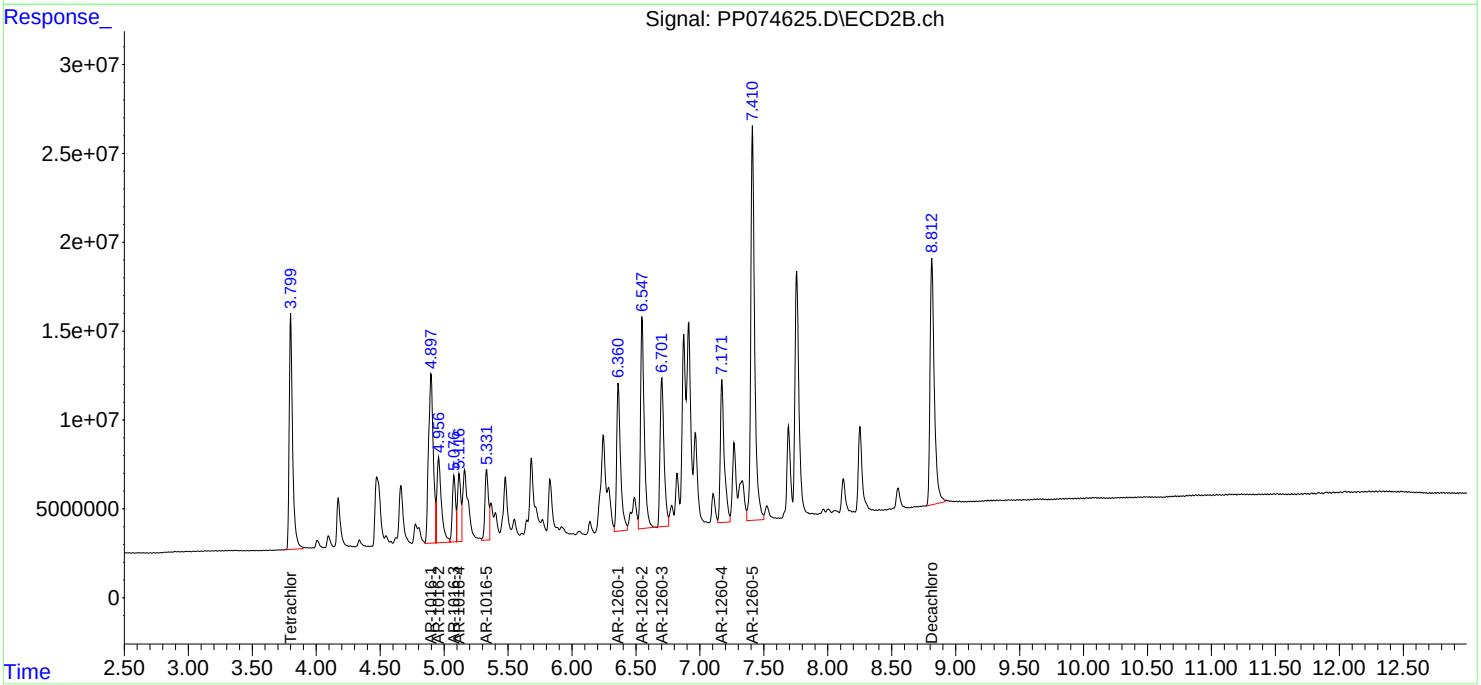
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 09:27
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:02:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/25/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 15:14 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.82	5.81	5.71	5.91	-0.01
Aroclor-1016-2	(2)	5.84	5.83	5.73	5.93	-0.01
Aroclor-1016-3	(3)	5.90	5.89	5.79	5.99	-0.01
Aroclor-1016-4	(4)	6.00	5.99	5.89	6.09	-0.01
Aroclor-1016-5	(5)	6.29	6.28	6.18	6.38	-0.01
Aroclor-1260-1	(1)	7.41	7.40	7.30	7.50	-0.01
Aroclor-1260-2	(2)	7.66	7.65	7.55	7.75	-0.01
Aroclor-1260-3	(3)	8.02	8.01	7.91	8.11	-0.01
Aroclor-1260-4	(4)	8.25	8.24	8.14	8.34	-0.01
Aroclor-1260-5	(5)	8.58	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.45	10.43	10.33	10.53	-0.02

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

Continuing Calib Date: 08/25/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 15:14 **Initial Calibration Time(s):** 10:02 17:36

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)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.34	5.33	5.23	5.43	-0.01
Aroclor-1260-1	(1)	6.37	6.36	6.26	6.46	-0.01
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.71	6.70	6.60	6.80	-0.01
Aroclor-1260-4	(4)	7.18	7.17	7.07	7.27	-0.01
Aroclor-1260-5	(5)	7.42	7.41	7.31	7.51	-0.01
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.82	8.82	8.72	8.92	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL10 **Date Analyzed:** 08/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074639.D **Time Analyzed:** 15:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.817	5.706	5.906	460.580	500.000	-7.9
Aroclor-1016-2	5.837	5.727	5.927	442.830	500.000	-11.4
Aroclor-1016-3	5.902	5.790	5.990	448.570	500.000	-10.3
Aroclor-1016-4	5.998	5.888	6.088	466.940	500.000	-6.6
Aroclor-1016-5	6.291	6.180	6.380	486.020	500.000	-2.8
Aroclor-1260-1	7.409	7.297	7.497	462.980	500.000	-7.4
Aroclor-1260-2	7.662	7.550	7.750	466.840	500.000	-6.6
Aroclor-1260-3	8.020	7.908	8.108	498.480	500.000	-0.3
Aroclor-1260-4	8.249	8.136	8.336	481.810	500.000	-3.6
Aroclor-1260-5	8.575	8.462	8.662	472.860	500.000	-5.4
Decachlorobiphenyl	10.452	10.333	10.533	49.840	50.000	-0.3
Tetrachloro-m-xylene	4.664	4.554	4.754	46.200	50.000	-7.6

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ATCE02

Lab Code: ACE **SDG NO.:** Q2911

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL10 **Date Analyzed:** 08/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074639.D **Time Analyzed:** 15:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.903	4.799	4.999	483.930	500.000	-3.2
Aroclor-1016-2	4.961	4.855	5.055	485.740	500.000	-2.9
Aroclor-1016-3	5.081	4.976	5.176	466.180	500.000	-6.8
Aroclor-1016-4	5.122	5.017	5.217	467.870	500.000	-6.4
Aroclor-1016-5	5.336	5.231	5.431	445.940	500.000	-10.8
Aroclor-1260-1	6.367	6.261	6.461	449.700	500.000	-10.1
Aroclor-1260-2	6.553	6.448	6.648	435.410	500.000	-12.9
Aroclor-1260-3	6.708	6.602	6.802	400.290	500.000	-19.9
Aroclor-1260-4	7.177	7.072	7.272	441.760	500.000	-11.6
Aroclor-1260-5	7.416	7.311	7.511	443.490	500.000	-11.3
Decachlorobiphenyl	8.821	8.715	8.915	43.320	50.000	-13.4
Tetrachloro-m-xylene	3.803	3.699	3.899	49.950	50.000	-0.1

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 15:14
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 15:32:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.664	3.803	56529856	241.5E6	46.196	49.950
2)	SA Decachlor...	10.452	8.821	49213876	324.9E6	49.836	43.319
	Target Compounds						
3)	L1 AR-1016-1	5.817	4.903	20306361	246.5E6	460.578	483.929
4)	L1 AR-1016-2	5.837	4.961	27828220	115.6E6	442.831m	485.739
5)	L1 AR-1016-3	5.902	5.081	20147006	64288357	448.569	466.183
6)	L1 AR-1016-4	5.998	5.122	16427655	65409935	466.936	467.871
7)	L1 AR-1016-5	6.291	5.336	16129095	74063937	486.020	445.944
31)	L7 AR-1260-1	7.409	6.367	26764559	168.7E6	462.978	449.696
32)	L7 AR-1260-2	7.662	6.553	32173679	230.3E6	466.844	435.412
33)	L7 AR-1260-3	8.020	6.708	25864011	173.3E6	498.485	400.290
34)	L7 AR-1260-4	8.249	7.177	30735987	168.5E6	481.810	441.763
35)	L7 AR-1260-5	8.575	7.416	53627802	445.5E6	472.858	443.491

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

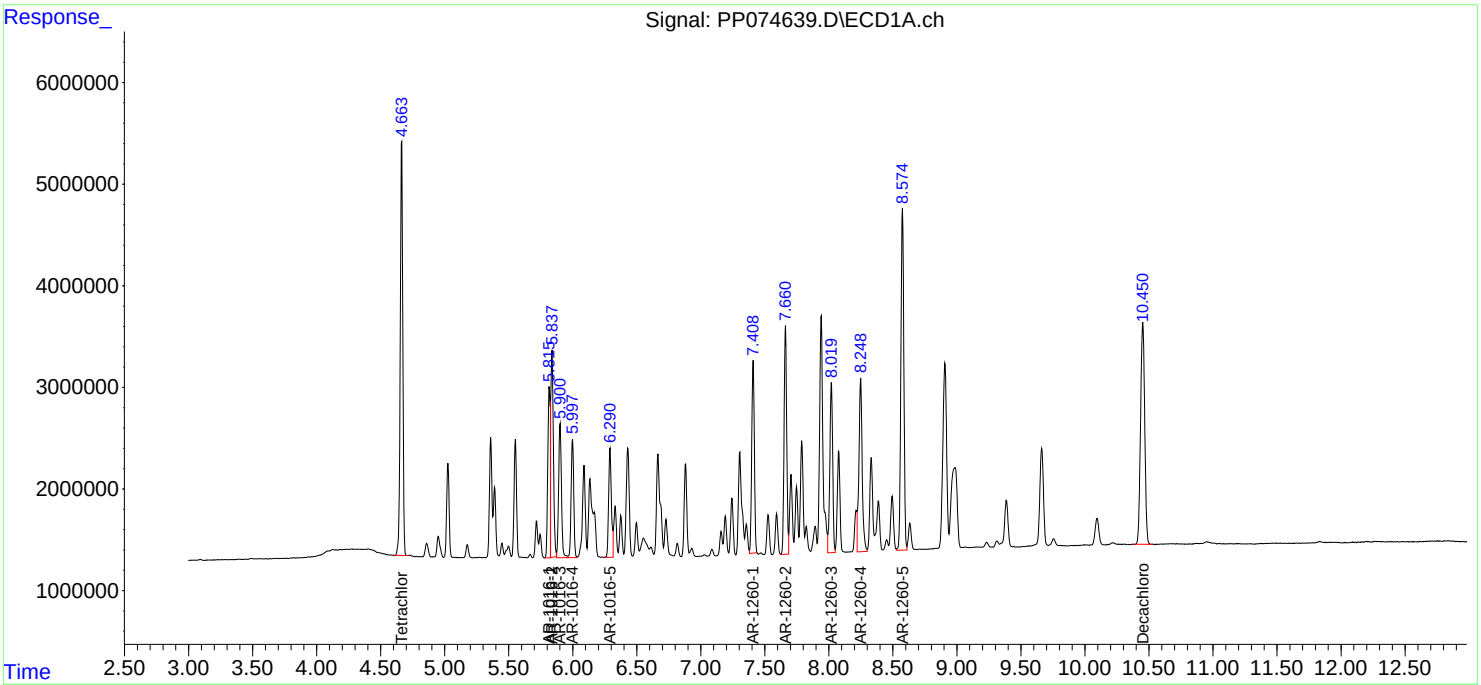
Quantitation Report (QT Reviewed)

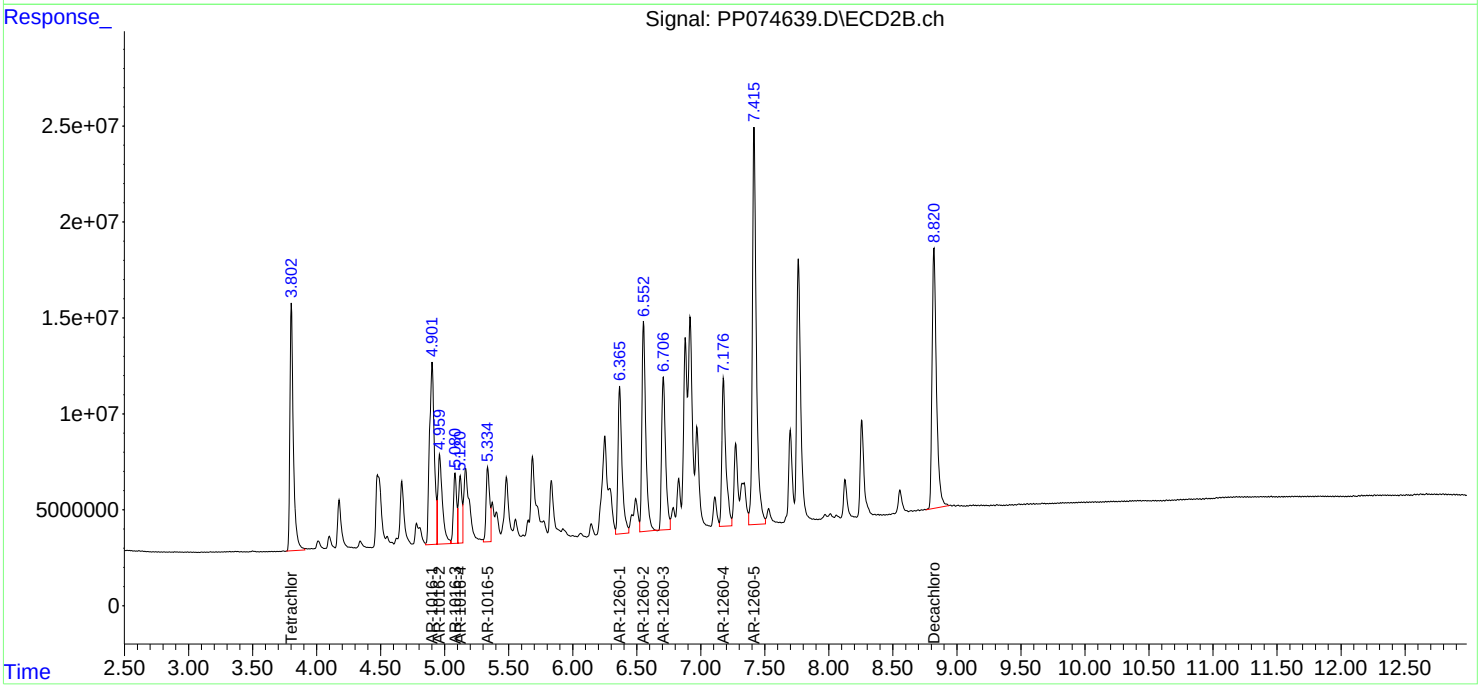
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 15:14
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 15:32:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Analytical Sequence

Client: ATC Group Services LLC **SDG No.:** Q2911

Project: SCA-K262 **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/18/2025 08/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	08/18/2025	09:34	PO113002.D	8.68	3.66
AR1660ICC1000	AR1660ICC1000	08/18/2025	09:53	PO113003.D	8.68	3.66
AR1660ICC750	AR1660ICC750	08/18/2025	10:11	PO113004.D	8.68	3.66
AR1660ICC500	AR1660ICC500	08/18/2025	10:29	PO113005.D	8.68	3.66
AR1660ICC250	AR1660ICC250	08/18/2025	10:48	PO113006.D	8.68	3.66
AR1660ICC050	AR1660ICC050	08/18/2025	11:06	PO113007.D	8.68	3.66
AR1221ICC500	AR1221ICC500	08/18/2025	11:25	PO113008.D	8.68	3.66
AR1232ICC500	AR1232ICC500	08/18/2025	11:43	PO113009.D	8.68	3.66
AR1242ICC1000	AR1242ICC1000	08/18/2025	12:01	PO113010.D	8.68	3.66
AR1242ICC750	AR1242ICC750	08/18/2025	12:20	PO113011.D	8.68	3.66
AR1242ICC500	AR1242ICC500	08/18/2025	12:38	PO113012.D	8.68	3.66
AR1242ICC250	AR1242ICC250	08/18/2025	12:57	PO113013.D	8.68	3.66
AR1242ICC050	AR1242ICC050	08/18/2025	13:15	PO113014.D	8.68	3.66
AR1248ICC1000	AR1248ICC1000	08/18/2025	13:34	PO113015.D	8.68	3.66
AR1248ICC750	AR1248ICC750	08/18/2025	13:52	PO113016.D	8.68	3.66
AR1248ICC500	AR1248ICC500	08/18/2025	14:09	PO113017.D	8.68	3.66
AR1248ICC250	AR1248ICC250	08/18/2025	14:28	PO113018.D	8.68	3.66
AR1248ICC050	AR1248ICC050	08/18/2025	14:46	PO113019.D	8.68	3.66
AR1254ICC1000	AR1254ICC1000	08/18/2025	15:05	PO113020.D	8.68	3.66
AR1254ICC750	AR1254ICC750	08/18/2025	15:23	PO113021.D	8.68	3.66
AR1254ICC500	AR1254ICC500	08/18/2025	15:41	PO113022.D	8.68	3.66
AR1254ICC250	AR1254ICC250	08/18/2025	16:00	PO113023.D	8.68	3.66
AR1254ICC050	AR1254ICC050	08/18/2025	16:18	PO113024.D	8.68	3.66
AR1262ICC500	AR1262ICC500	08/18/2025	16:54	PO113025.D	8.68	3.66
AR1268ICC1000	AR1268ICC1000	08/18/2025	17:12	PO113026.D	8.68	3.66
AR1268ICC750	AR1268ICC750	08/18/2025	17:30	PO113027.D	8.68	3.66
AR1268ICC500	AR1268ICC500	08/18/2025	17:48	PO113028.D	8.68	3.66
AR1268ICC250	AR1268ICC250	08/18/2025	18:06	PO113029.D	8.68	3.66
AR1268ICC050	AR1268ICC050	08/18/2025	18:24	PO113030.D	8.68	3.66
AR1660CCC500	AR1660CCC500	08/22/2025	08:57	PO113163.D	8.68	3.66
I.BLK	I.BLK	08/22/2025	10:11	PO113167.D	8.68	3.66
K262-1C	Q2911-03	08/22/2025	13:13	PO113176.D	8.68	3.66
K262-2A	Q2911-04	08/22/2025	13:31	PO113177.D	8.68	3.66
AR1660CCC500	AR1660CCC500	08/22/2025	14:45	PO113178.D	8.68	3.66
I.BLK	I.BLK	08/22/2025	15:58	PO113182.D	8.68	3.66
K262-2B	Q2911-05	08/22/2025	16:17	PO113183.D	8.68	3.66
K262-2C	Q2911-06	08/22/2025	16:35	PO113184.D	8.68	3.66
K262-2CMS	Q2911-06MS	08/22/2025	16:54	PO113185.D	8.68	3.66
K262-2CMSD	Q2911-06MSD	08/22/2025	17:11	PO113186.D	8.68	3.66
K262-3A	Q2911-07	08/22/2025	17:29	PO113187.D	8.68	3.66
K262-3B	Q2911-08	08/22/2025	17:48	PO113188.D	8.68	3.66
AR1660CCC500	AR1660CCC500	08/22/2025	20:14	PO113193.D	8.68	3.66

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

Analytical Sequence

I.BLK	I.BLK	08/22/2025	22:23	PO113197.D	8.68	3.66
I.BLK	I.BLK	08/19/2025	09:46	PP074490.D	10.43	4.65
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	10.43	4.65
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	10.43	4.65
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	10.43	4.66
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	10.44	4.66
AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	10.43	4.65
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	10.43	4.66
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	10.43	4.66
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	10.44	4.66
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	10.44	4.66
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	10.44	4.66
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	10.44	4.66
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	10.44	4.66
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	10.44	4.66
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	10.44	4.66
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	10.44	4.66
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	10.44	4.66
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	10.43	4.66
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	10.44	4.66
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	10.43	4.66
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	10.44	4.66
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/22/2025	08:50	PP074562.D	10.44	4.66
I.BLK	I.BLK	08/22/2025	09:55	PP074566.D	10.43	4.66
PB169353BL	PB169353BL	08/22/2025	12:21	PP074573.D	10.44	4.66
PB169353BS	PB169353BS	08/22/2025	12:37	PP074574.D	10.44	4.66
K262-1A	Q2911-01	08/22/2025	12:53	PP074575.D	10.44	4.66
K262-1B	Q2911-02	08/22/2025	13:10	PP074576.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/22/2025	14:14	PP074577.D	10.44	4.66
I.BLK	I.BLK	08/22/2025	15:19	PP074581.D	10.44	4.66
K262-5A	Q2911-13	08/22/2025	16:08	PP074584.D	10.43	4.66
K262-5B	Q2911-14	08/22/2025	16:24	PP074585.D	10.43	4.66
K262-5C	Q2911-15	08/22/2025	16:41	PP074586.D	10.43	4.66
K262-6C	Q2911-16	08/22/2025	16:57	PP074587.D	10.44	4.66
K262-7C	Q2911-17	08/22/2025	17:13	PP074588.D	10.44	4.66
K262-8A	Q2911-18	08/22/2025	17:30	PP074589.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/22/2025	19:07	PP074592.D	10.44	4.66
I.BLK	I.BLK	08/22/2025	20:45	PP074596.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/23/2025	01:22	PP074607.D	10.44	4.66
I.BLK	I.BLK	08/23/2025	02:27	PP074611.D	10.44	4.66
K262-1ADL	Q2911-01DL	08/23/2025	04:04	PP074617.D	10.43	4.66
K262-1BDL	Q2911-02DL	08/23/2025	04:21	PP074618.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/23/2025	05:26	PP074619.D	10.43	4.66
I.BLK	I.BLK	08/23/2025	07:20	PP074623.D	10.43	4.66

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Analytical Sequence

AR1660CCC500	AR1660CCC500	08/25/2025	09:27	PP074625.D	10.44	4.66
I.BLK	I.BLK	08/25/2025	10:43	PP074629.D	10.45	4.66
K262-3C	Q2911-09	08/25/2025	11:15	PP074631.D	10.45	4.66
K262-4A	Q2911-10	08/25/2025	11:32	PP074632.D	10.44	4.66
K262-4B	Q2911-11	08/25/2025	11:48	PP074633.D	10.44	4.66
K262-4C	Q2911-12	08/25/2025	12:04	PP074634.D	10.45	4.66
K262-6CDL	Q2911-16DL	08/25/2025	12:20	PP074635.D	10.44	4.66
AR1660CCC500	AR1660CCC500	08/25/2025	15:14	PP074639.D	10.45	4.66
I.BLK	I.BLK	08/25/2025	16:19	PP074643.D	10.45	4.66

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Analytical Sequence

Client: ATC Group Services LLC **SDG No.:** Q2911

Project: SCA-K262 **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/18/2025 08/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	08/18/2025	09:34	PO113002.D	8.63	3.66
AR1660ICC1000	AR1660ICC1000	08/18/2025	09:53	PO113003.D	8.63	3.66
AR1660ICC750	AR1660ICC750	08/18/2025	10:11	PO113004.D	8.63	3.66
AR1660ICC500	AR1660ICC500	08/18/2025	10:29	PO113005.D	8.63	3.66
AR1660ICC250	AR1660ICC250	08/18/2025	10:48	PO113006.D	8.63	3.66
AR1660ICC050	AR1660ICC050	08/18/2025	11:06	PO113007.D	8.63	3.65
AR1221ICC500	AR1221ICC500	08/18/2025	11:25	PO113008.D	8.63	3.66
AR1232ICC500	AR1232ICC500	08/18/2025	11:43	PO113009.D	8.63	3.66
AR1242ICC1000	AR1242ICC1000	08/18/2025	12:01	PO113010.D	8.63	3.66
AR1242ICC750	AR1242ICC750	08/18/2025	12:20	PO113011.D	8.63	3.66
AR1242ICC500	AR1242ICC500	08/18/2025	12:38	PO113012.D	8.63	3.66
AR1242ICC250	AR1242ICC250	08/18/2025	12:57	PO113013.D	8.63	3.66
AR1242ICC050	AR1242ICC050	08/18/2025	13:15	PO113014.D	8.63	3.66
AR1248ICC1000	AR1248ICC1000	08/18/2025	13:34	PO113015.D	8.63	3.66
AR1248ICC750	AR1248ICC750	08/18/2025	13:52	PO113016.D	8.63	3.66
AR1248ICC500	AR1248ICC500	08/18/2025	14:09	PO113017.D	8.63	3.66
AR1248ICC250	AR1248ICC250	08/18/2025	14:28	PO113018.D	8.63	3.66
AR1248ICC050	AR1248ICC050	08/18/2025	14:46	PO113019.D	8.63	3.66
AR1254ICC1000	AR1254ICC1000	08/18/2025	15:05	PO113020.D	8.63	3.66
AR1254ICC750	AR1254ICC750	08/18/2025	15:23	PO113021.D	8.63	3.66
AR1254ICC500	AR1254ICC500	08/18/2025	15:41	PO113022.D	8.63	3.66
AR1254ICC250	AR1254ICC250	08/18/2025	16:00	PO113023.D	8.63	3.66
AR1254ICC050	AR1254ICC050	08/18/2025	16:18	PO113024.D	8.63	3.66
AR1262ICC500	AR1262ICC500	08/18/2025	16:54	PO113025.D	8.63	3.66
AR1268ICC1000	AR1268ICC1000	08/18/2025	17:12	PO113026.D	8.63	3.66
AR1268ICC750	AR1268ICC750	08/18/2025	17:30	PO113027.D	8.63	3.66
AR1268ICC500	AR1268ICC500	08/18/2025	17:48	PO113028.D	8.63	3.66
AR1268ICC250	AR1268ICC250	08/18/2025	18:06	PO113029.D	8.63	3.66
AR1268ICC050	AR1268ICC050	08/18/2025	18:24	PO113030.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/22/2025	08:57	PO113163.D	8.62	3.65
I.BLK	I.BLK	08/22/2025	10:11	PO113167.D	8.62	3.65
K262-1C	Q2911-03	08/22/2025	13:13	PO113176.D	8.62	3.65
K262-2A	Q2911-04	08/22/2025	13:31	PO113177.D	8.62	3.65
AR1660CCC500	AR1660CCC500	08/22/2025	14:45	PO113178.D	8.63	3.65
I.BLK	I.BLK	08/22/2025	15:58	PO113182.D	8.63	3.65
K262-2B	Q2911-05	08/22/2025	16:17	PO113183.D	8.62	3.65
K262-2C	Q2911-06	08/22/2025	16:35	PO113184.D	8.63	3.65
K262-2CMS	Q2911-06MS	08/22/2025	16:54	PO113185.D	8.62	3.65
K262-2CMSD	Q2911-06MSD	08/22/2025	17:11	PO113186.D	8.62	3.65
K262-3A	Q2911-07	08/22/2025	17:29	PO113187.D	8.62	3.65
K262-3B	Q2911-08	08/22/2025	17:48	PO113188.D	8.62	3.65
AR1660CCC500	AR1660CCC500	08/22/2025	20:14	PO113193.D	8.63	3.66

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Analytical Sequence

I.BLK	I.BLK	08/22/2025	22:23	PO113197.D	8.62	3.65
I.BLK	I.BLK	08/19/2025	09:46	PP074490.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	8.81	3.80
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	8.82	3.80
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	8.82	3.80
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	8.81	3.80
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	8.82	3.80
AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	8.82	3.80
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	8.82	3.80
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	8.81	3.80
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	8.82	3.80
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	8.82	3.80
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	8.82	3.80
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	8.82	3.80
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	8.82	3.80
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	8.81	3.80
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	8.82	3.80
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	8.81	3.80
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	8.81	3.80
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	8.82	3.80
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	8.81	3.80
AR1660CCC500	AR1660CCC500	08/22/2025	08:50	PP074562.D	8.81	3.80
I.BLK	I.BLK	08/22/2025	09:55	PP074566.D	8.81	3.80
PB169353BL	PB169353BL	08/22/2025	12:21	PP074573.D	8.81	3.80
PB169353BS	PB169353BS	08/22/2025	12:37	PP074574.D	8.82	3.80
K262-1A	Q2911-01	08/22/2025	12:53	PP074575.D	8.81	3.80
K262-1B	Q2911-02	08/22/2025	13:10	PP074576.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/22/2025	14:14	PP074577.D	8.82	3.80
I.BLK	I.BLK	08/22/2025	15:19	PP074581.D	8.81	3.80
K262-5A	Q2911-13	08/22/2025	16:08	PP074584.D	8.81	3.80
K262-5B	Q2911-14	08/22/2025	16:24	PP074585.D	8.81	3.80
K262-5C	Q2911-15	08/22/2025	16:41	PP074586.D	8.80	3.80
K262-6C	Q2911-16	08/22/2025	16:57	PP074587.D	8.82	3.80
K262-7C	Q2911-17	08/22/2025	17:13	PP074588.D	8.81	3.80
K262-8A	Q2911-18	08/22/2025	17:30	PP074589.D	8.81	3.80
AR1660CCC500	AR1660CCC500	08/22/2025	19:07	PP074592.D	8.81	3.80
I.BLK	I.BLK	08/22/2025	20:45	PP074596.D	8.81	3.80
AR1660CCC500	AR1660CCC500	08/23/2025	01:22	PP074607.D	8.81	3.80
I.BLK	I.BLK	08/23/2025	02:27	PP074611.D	8.81	3.80
K262-1ADL	Q2911-01DL	08/23/2025	04:04	PP074617.D	8.81	3.80
K262-1BDL	Q2911-02DL	08/23/2025	04:21	PP074618.D	8.81	3.80
AR1660CCC500	AR1660CCC500	08/23/2025	05:26	PP074619.D	8.81	3.80
I.BLK	I.BLK	08/23/2025	07:20	PP074623.D	8.81	3.80

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Analytical Sequence

AR1660CCC500	AR1660CCC500	08/25/2025	09:27	PP074625.D	8.81	3.80
I.BLK	I.BLK	08/25/2025	10:43	PP074629.D	8.82	3.80
K262-3C	Q2911-09	08/25/2025	11:15	PP074631.D	8.81	3.80
K262-4A	Q2911-10	08/25/2025	11:32	PP074632.D	8.81	3.80
K262-4B	Q2911-11	08/25/2025	11:48	PP074633.D	8.81	3.80
K262-4C	Q2911-12	08/25/2025	12:04	PP074634.D	8.81	3.80
K262-6CDL	Q2911-16DL	08/25/2025	12:20	PP074635.D	8.81	3.80
AR1660CCC500	AR1660CCC500	08/25/2025	15:14	PP074639.D	8.82	3.80
I.BLK	I.BLK	08/25/2025	16:19	PP074643.D	8.82	3.80

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K262-2C

Lab Name: Alliance Contract: ATCE02

Lab Code: ACE SDG NO.: Q2911

Lab Sample ID: Q2911-06 Date(s) Analyzed: 08/22/2025 08/22/2025

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 PO113184.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.554	5.504	5.604	81.7		
	2	5.7	5.65	5.75	71.4		
	3	6.103	6.053	6.153	91.2		
COLUMN 1	4	6.332	6.282	6.382	59.5		
	5	6.75	6.7	6.8	283	117	
	1	5.528	5.478	5.578	103		
	2	5.673	5.623	5.723	91.5		
	3	6.072	6.022	6.122	114		
	4	6.299	6.249	6.349	66.0		
COLUMN 2	5	6.714	6.664	6.764	284	132	12.05

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K262-2CMS

Lab Name: Alliance
Contract: ATCE02
Lab Code: ACE
SDG NO.: Q2911
Lab Sample ID: Q2911-06MS
Date(s) Analyzed: 08/22/2025 08/22/2025
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 PO113185.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.746	4.696	4.796	164		
	2	4.765	4.715	4.815	167		
	3	4.822	4.772	4.872	155		
COLUMN 1	4	4.941	4.891	4.991	158		
	5	5.197	5.147	5.247	137	156	
	1	4.727	4.677	4.777	159		
	2	4.745	4.695	4.795	162		
	3	4.92	4.87	4.97	153		
	4	4.963	4.913	5.013	152		
COLUMN 2	5	5.175	5.125	5.225	172	160	2.53
Aroclor-1254	1	5.552	5.502	5.602	140		
	2	5.7	5.65	5.75	123		
	3	6.103	6.053	6.153	116		
COLUMN 1	4	6.333	6.283	6.383	76.1		
	5	6.75	6.7	6.8	424	176	
	1	5.526	5.476	5.576	157		
	2	5.672	5.622	5.722	145		
	3	6.072	6.022	6.122	137		
	4	6.299	6.249	6.349	77.8		
COLUMN 2	5	6.715	6.665	6.765	426	189	7.12

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.234	6.184	6.284	292		
	2	6.424	6.374	6.474	216		
	3	6.788	6.738	6.838	166		
COLUMN 1	4	7.05	7	7.1	205		
	5	7.292	7.242	7.342	164	209	
	1	6.202	6.152	6.252	273		
	2	6.39	6.34	6.44	228		
	3	6.541	6.491	6.591	181		
	4	7.012	6.962	7.062	194		
COLUMN 2	5	7.253	7.203	7.303	162	208	0.48

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K262-2CMSD

Lab Name: Alliance | Contract: ATCE02
Lab Code: ACE | SDG NO.: Q2911
Lab Sample ID: Q2911-06MSD | Date(s) Analyzed: 08/22/2025 08/22/2025
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: PO113186.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.745	4.695	4.795	165		
	2	4.764	4.714	4.814	168		
	3	4.82	4.77	4.87	155		
COLUMN 1	4	4.94	4.89	4.99	152		
	5	5.195	5.145	5.245	146	157	
	1	4.727	4.677	4.777	163		
	2	4.745	4.695	4.795	164		
	3	4.92	4.87	4.97	156		
	4	4.963	4.913	5.013	153		
COLUMN 2	5	5.174	5.124	5.224	176	162	3.13
Aroclor-1254	1	5.55	5.5	5.6	126		
	2	5.698	5.648	5.748	122		
	3	6.102	6.052	6.152	109		
COLUMN 1	4	6.33	6.28	6.38	74.5		
	5	6.748	6.698	6.798	447	176	
	1	5.526	5.476	5.576	156		
	2	5.672	5.622	5.722	148		
	3	6.072	6.022	6.122	124		
	4	6.299	6.249	6.349	81.5		
COLUMN 2	5	6.714	6.664	6.764	446	191	8.17

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.232	6.182	6.282	307		
	2	6.422	6.372	6.472	220		
	3	6.786	6.736	6.836	172		
COLUMN 1	4	7.049	6.999	7.099	208		
	5	7.29	7.24	7.34	168	215	
	1	6.202	6.152	6.252	288		
	2	6.39	6.34	6.44	221		
	3	6.541	6.491	6.591	189		
	4	7.012	6.962	7.062	197		
COLUMN 2	5	7.253	7.203	7.303	143	208	3.31

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169353BS

Lab Name: Alliance Contract: ATCE02

Lab Code: ACE SDG NO.: Q2911

Lab Sample ID: PB169353BS Date(s) Analyzed: 08/22/2025 08/22/2025

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

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

Data file PP074574.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.812	5.762	5.862	142		
	2	5.833	5.783	5.883	146		
	3	5.896	5.846	5.946	135		
COLUMN 1	4	5.993	5.943	6.043	144		
	5	6.286	6.236	6.336	143	142	
	1	4.902	4.852	4.952	131		
	2	4.959	4.909	5.009	130		
	3	5.079	5.029	5.129	126		
	4	5.12	5.07	5.17	123		
COLUMN 2	5	5.335	5.285	5.385	111	124	13.53
Aroclor-1260	1	7.404	7.354	7.454	148		
	2	7.656	7.606	7.706	146		
	3	8.015	7.965	8.065	132		
COLUMN 1	4	8.241	8.191	8.291	131		
	5	8.568	8.518	8.618	129	137	
	1	6.365	6.315	6.415	140		
	2	6.551	6.501	6.601	130		
	3	6.705	6.655	6.755	124		
	4	7.175	7.125	7.225	116		
COLUMN 2	5	7.414	7.364	7.464	116	125	9.16

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K262-1A

Lab Name: Alliance | Contract: ATCE02
Lab Code: ACE | SDG NO.: Q2911
Lab Sample ID: Q2911-01 | Date(s) Analyzed: 08/22/2025 08/22/2025
Instrument ID (1): ECD_P | Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) | GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file: PP074575.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.659	6.609	6.709	304		
	2	6.874	6.824	6.924	294		
	3	7.237	7.187	7.287	345		
COLUMN 1	4	7.518	7.468	7.568	364		
	5	7.938	7.888	7.988	848	431	
	1	5.684	5.634	5.734	201		
	2	5.829	5.779	5.879	329		
	3	6.23	6.18	6.28	392		
	4	6.459	6.409	6.509	457		
COLUMN 2	5	6.876	6.826	6.926	1160	508	16.4

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K262-1B

Lab Name: Alliance Contract: ATCE02

Lab Code: ACE SDG NO.: Q2911

Lab Sample ID: Q2911-02 Date(s) Analyzed: 08/22/2025 08/22/2025

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

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

Data file PP074576.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.66	6.61	6.71	274		
	2	6.876	6.826	6.926	218		
	3	7.239	7.189	7.289	223		
COLUMN 1	4	7.52	7.47	7.57	184		
	5	7.95	7.9	8	1100	400	
	1	5.687	5.637	5.737	152		
	2	5.831	5.781	5.881	207		
	3	6.234	6.184	6.284	286		
	4	6.461	6.411	6.511	147		
COLUMN 2	5	6.876	6.826	6.926	1370	432	7.69

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K262-6C

Lab Name: Alliance | Contract: ATCE02

Lab Code: ACE | SDG NO.: Q2911

Lab Sample ID: Q2911-16 | Date(s) Analyzed: 08/22/2025 08/22/2025

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

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

Data file: PP074587.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.66	6.61	6.71	191		
	2	6.875	6.825	6.925	168		
	3	7.238	7.188	7.288	171		
COLUMN 1	4	7.519	7.469	7.569	170		
	5	7.951	7.901	8.001	1260	392	
	1	5.686	5.636	5.736	103		
	2	5.831	5.781	5.881	194		
	3	6.234	6.184	6.284	221		
	4	6.461	6.411	6.511	148		
COLUMN 2	5	6.876	6.826	6.926	1550	444	12.44

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K262-7C

Lab Name: Alliance | Contract: ATCE02
Lab Code: ACE | SDG NO.: Q2911
Lab Sample ID: Q2911-17 | Date(s) Analyzed: 08/22/2025 08/22/2025
Instrument ID (1): ECD_P | Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) | GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file: PP074588.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.659	6.609	6.709	118		
	2	6.874	6.824	6.924	110		
	3	7.237	7.187	7.287	121		
COLUMN 1	4	7.517	7.467	7.567	99.5		
	5	7.947	7.897	7.997	734	236	
	1	5.686	5.636	5.736	60.4		
	2	5.831	5.781	5.881	108		
	3	6.234	6.184	6.284	142		
	4	6.457	6.407	6.507	89.6		
COLUMN 2	5	6.874	6.824	6.924	862	252	6.56

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K262-1ADL

Lab Name: Alliance Contract: ATCE02

Lab Code: ACE SDG NO.: Q2911

Lab Sample ID: Q2911-01DL Date(s) Analyzed: 08/23/2025 08/23/2025

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

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

Data file PP074617.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.657	6.607	6.707	316		
	2	6.872	6.822	6.922	297		
	3	7.234	7.184	7.284	342		
COLUMN 1	4	7.516	7.466	7.566	360		
	5	7.934	7.884	7.984	786	420	
	1	5.683	5.633	5.733	178		
	2	5.829	5.779	5.879	312		
	3	6.229	6.179	6.279	355		
	4	6.457	6.407	6.507	402		
COLUMN 2	5	6.874	6.824	6.924	989	447	6.23

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K262-1BDL

Lab Name: Alliance Contract: ATCE02

Lab Code: ACE SDG NO.: Q2911

Lab Sample ID: Q2911-02DL Date(s) Analyzed: 08/23/2025 08/23/2025

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

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

Data file PP074618.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.659	6.609	6.709	296		
	2	6.875	6.825	6.925	229		
	3	7.237	7.187	7.287	239		
COLUMN 1	4	7.518	7.468	7.568	196		
	5	7.947	7.897	7.997	1030	397	
	1	5.687	5.637	5.737	143		
	2	5.83	5.78	5.88	209		
	3	6.233	6.183	6.283	246		
	4	6.459	6.409	6.509	145		
COLUMN 2	5	6.875	6.825	6.925	1170	382	3.85

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K262-6CDL

Lab Name: Alliance | Contract: ATCE02
Lab Code: ACE | SDG NO.: Q2911
Lab Sample ID: Q2911-16DL | Date(s) Analyzed: 08/25/2025 08/25/2025
Instrument ID (1): ECD_P | Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) | GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file: PP074635.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.66	6.61	6.71	199		
	2	6.876	6.826	6.926	172		
	3	7.239	7.189	7.289	188		
COLUMN 1	4	7.52	7.47	7.57	190		
	5	7.951	7.901	8.001	1150	380	
	1	5.684	5.634	5.734	97.6		
	2	5.83	5.78	5.88	185		
	3	6.232	6.182	6.282	193		
	4	6.459	6.409	6.509	129		
COLUMN 2	5	6.875	6.825	6.925	1230	366	3.75

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	SCA-K262	Date Received:	
Client Sample ID:	PB169353BL	SDG No.:	Q2911
Lab Sample ID:	PB169353BL	Matrix:	SOIL
Analytical Method:	8082A	% 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
PP074573.D	1	08/22/25 08:10	08/22/25 12:21	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
Total PCBs	Total PCBs	5.90	U	5.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		32 - 175	111%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 12:21
Operator : YP\AJ
Sample : PB169353BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169353BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:27:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.799	24192503	80414403	19.770	16.630
2)	SA Decachlor...	10.438	8.814	21906435	133.7E6	22.184	17.827
	Target Compounds						

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

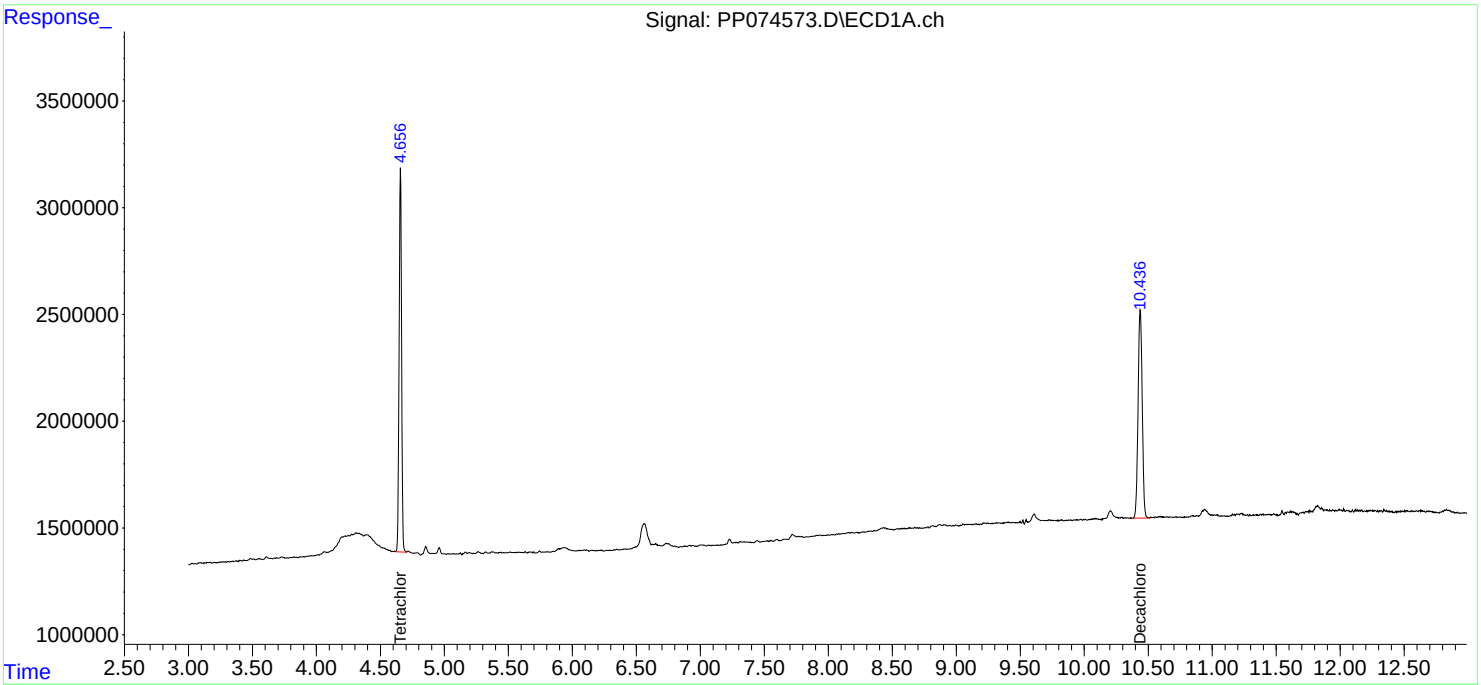
Quantitation Report (QT Reviewed)

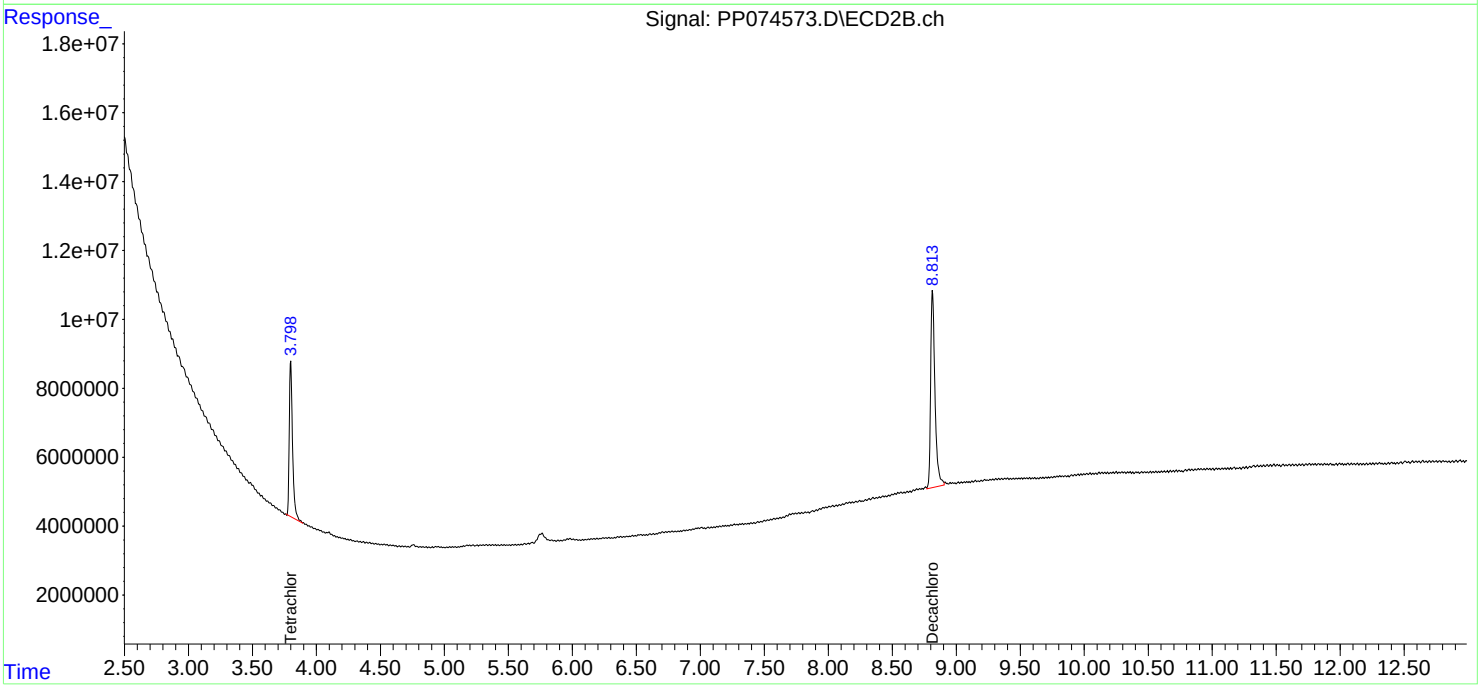
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 12:21
Operator : YP\AJ
Sample : PB169353BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

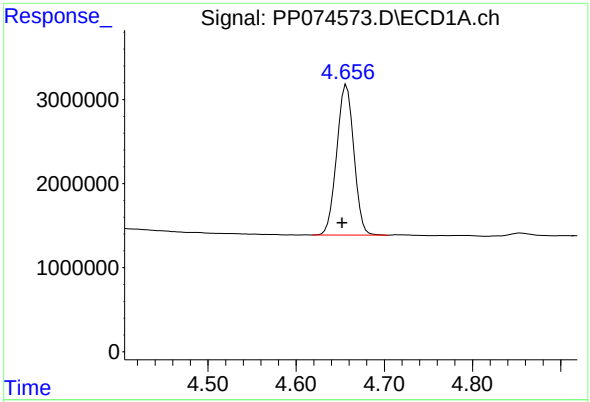
Instrument :
ECD_P
ClientSampleId :
PB169353BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:27:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



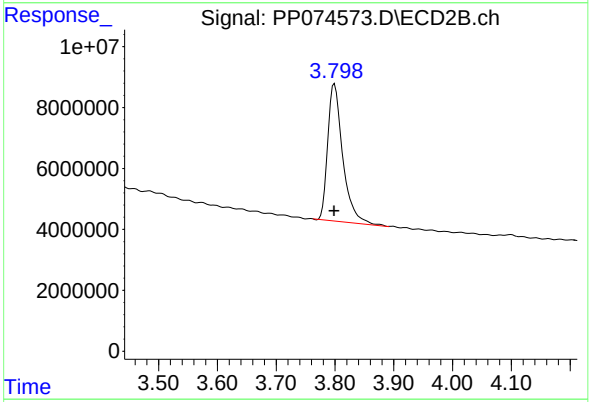




#1 Tetrachloro-m-xylene

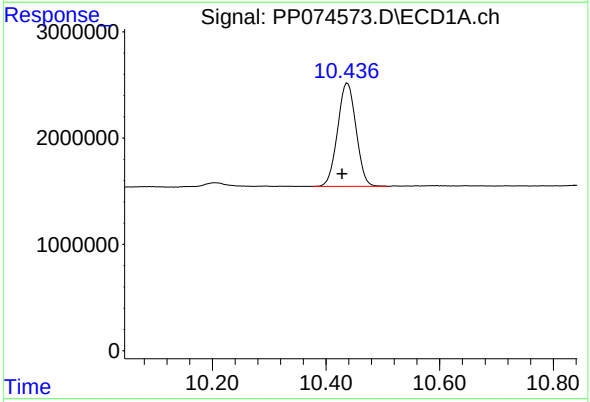
R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 24192503
Conc: 19.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169353BL



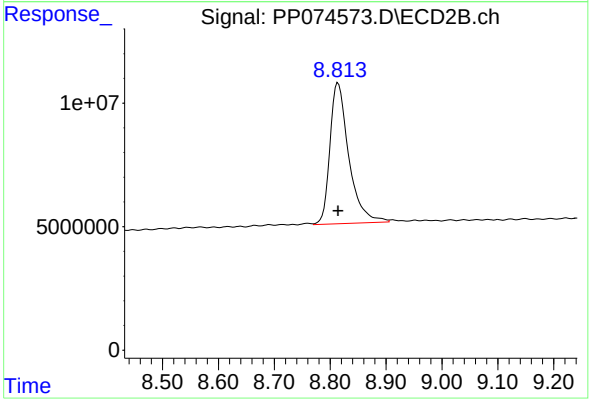
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 80414403
Conc: 16.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.009 min
Response: 21906435
Conc: 22.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 133689742
Conc: 17.83 ng/ml

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Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/18/25
Project:	SCA-K262	Date Received:	08/18/25
Client Sample ID:	PIBLK-PO113002.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PO113002.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113002.D	1		08/18/25	PO081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.6		60 - 140	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140	86%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:34
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: Aug 19 06:11:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.663	3.655	136.1E6	85350797	16.620	16.866
2)	SA Decachlor...	8.682	8.627	119.0E6	34312580	17.168	18.108
	Target Compounds						

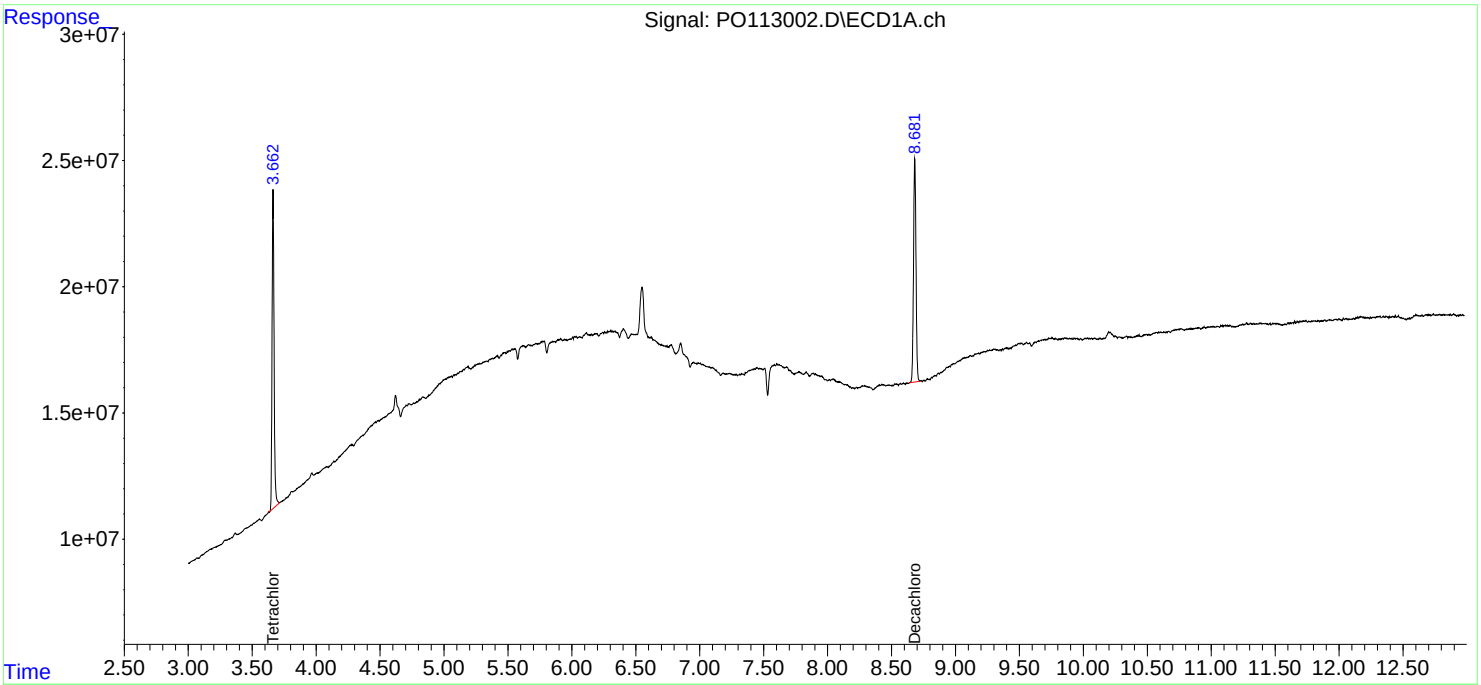
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

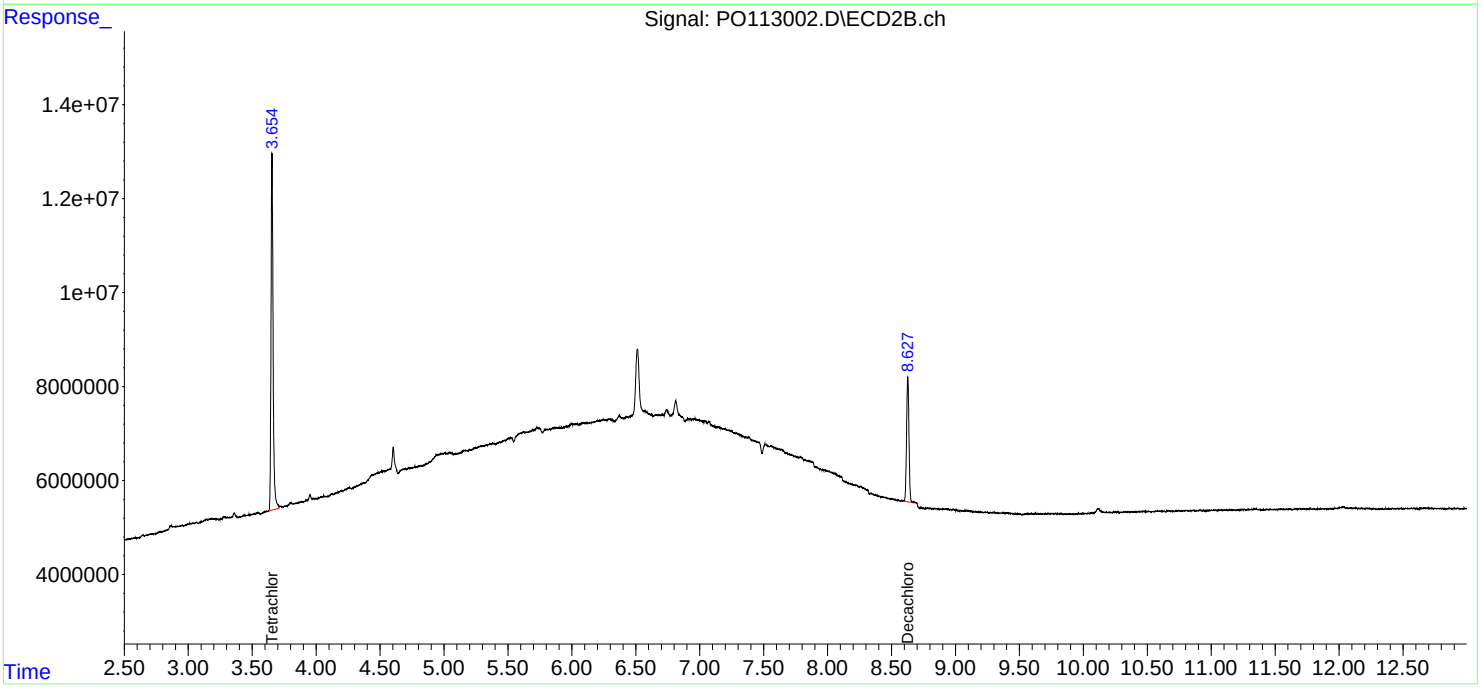
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:34
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

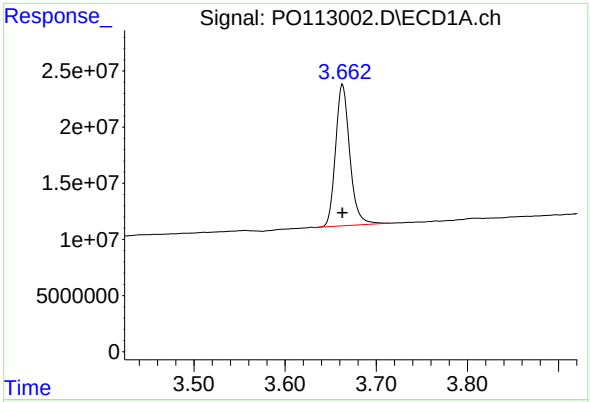
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:11:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



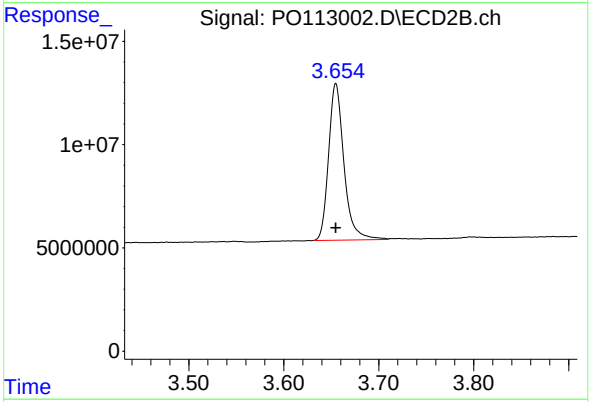




#1 Tetrachloro-m-xylene

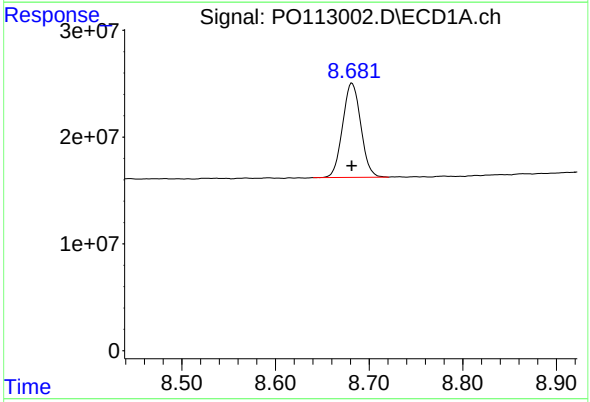
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 136059721
Conc: 16.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



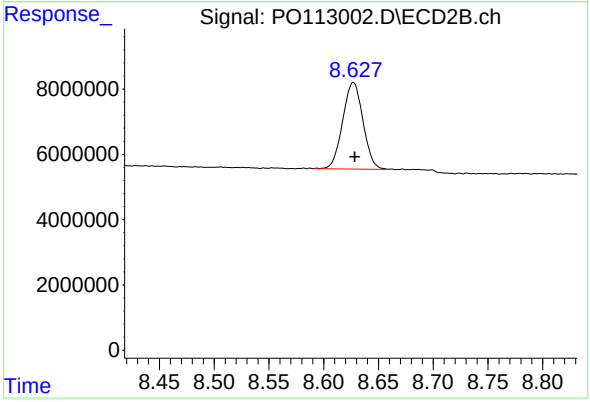
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 85350797
Conc: 16.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 119000321
Conc: 17.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 34312580
Conc: 18.11 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/22/25
Project:	SCA-K262	Date Received:	08/22/25
Client Sample ID:	PIBLK-PO113167.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PO113167.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113167.D	1		08/22/25	PO082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		60 - 140	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 10:11
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: Aug 25 01:56:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.653	146.5E6	88671961	17.895	17.522
2)	SA Decachlor...	8.680	8.624	128.6E6	35873784	18.557	18.932
	Target Compounds						

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

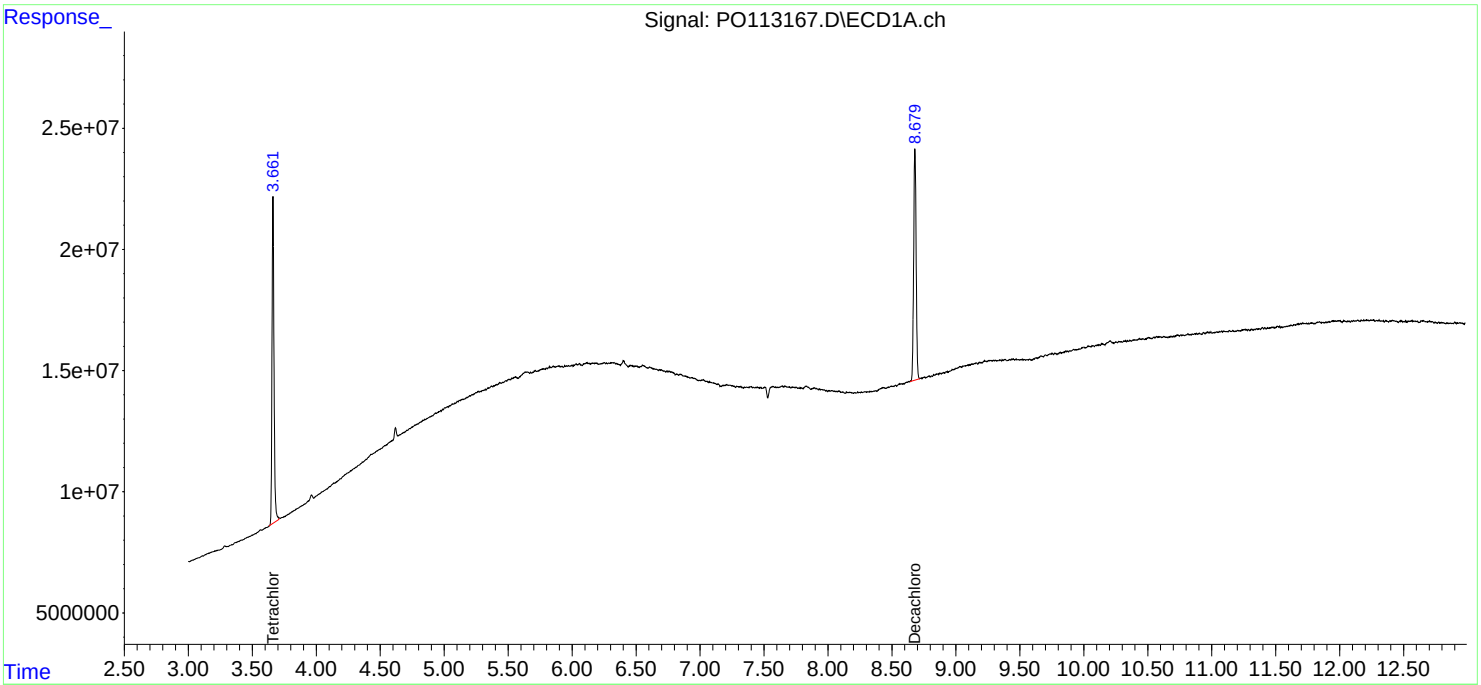
Quantitation Report (QT Reviewed)

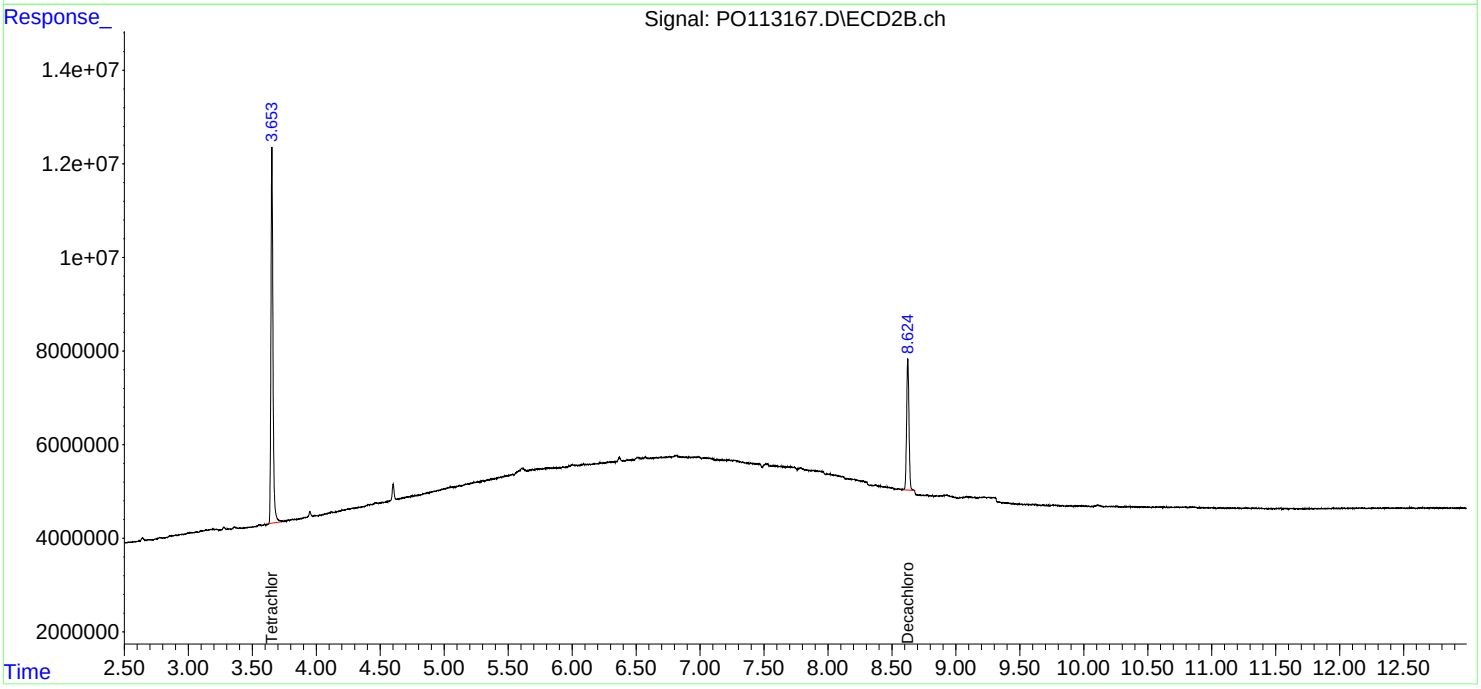
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 10:11
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

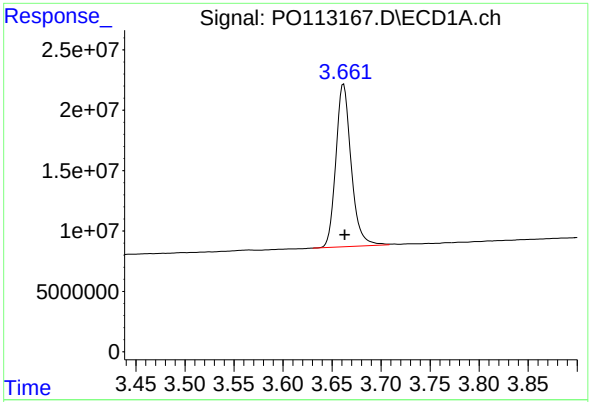
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 01:56:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



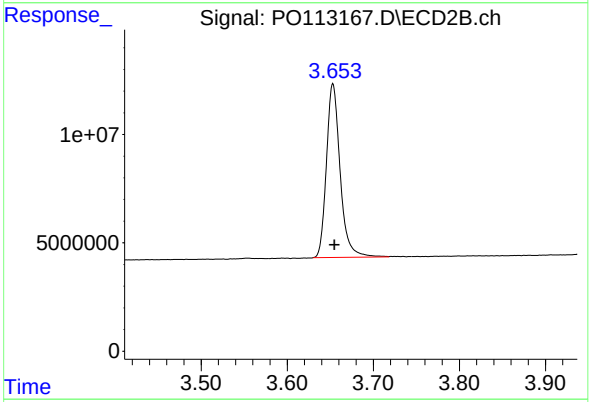




#1 Tetrachloro-m-xylene

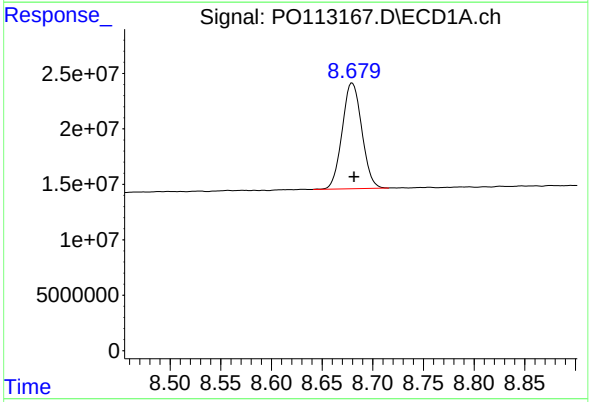
R.T.: 3.662 min
Delta R.T.: -0.001 min
Response: 146502061
Conc: 17.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



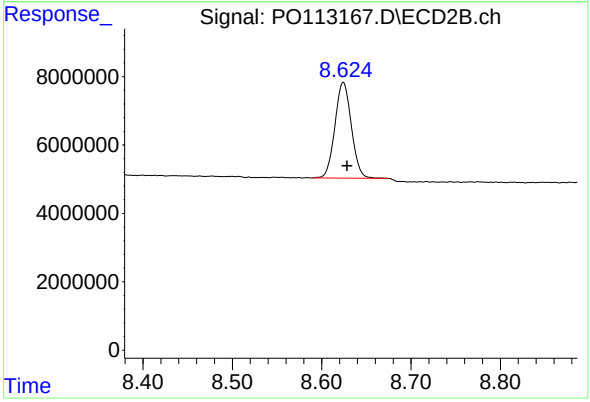
#1 Tetrachloro-m-xylene

R.T.: 3.653 min
Delta R.T.: -0.002 min
Response: 88671961
Conc: 17.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.002 min
Response: 128625065
Conc: 18.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.624 min
Delta R.T.: -0.004 min
Response: 35873784
Conc: 18.93 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/22/25
Project:	SCA-K262	Date Received:	08/22/25
Client Sample ID:	PIBLK-PO113182.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PO113182.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113182.D	1		08/22/25	PO082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		60 - 140	91%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 15:58
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: Aug 25 02:03:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.653	146.4E6	87389031	17.882	17.268
2)	SA Decachlor...	8.680	8.626	125.7E6	35039390	18.137	18.492
	Target Compounds						

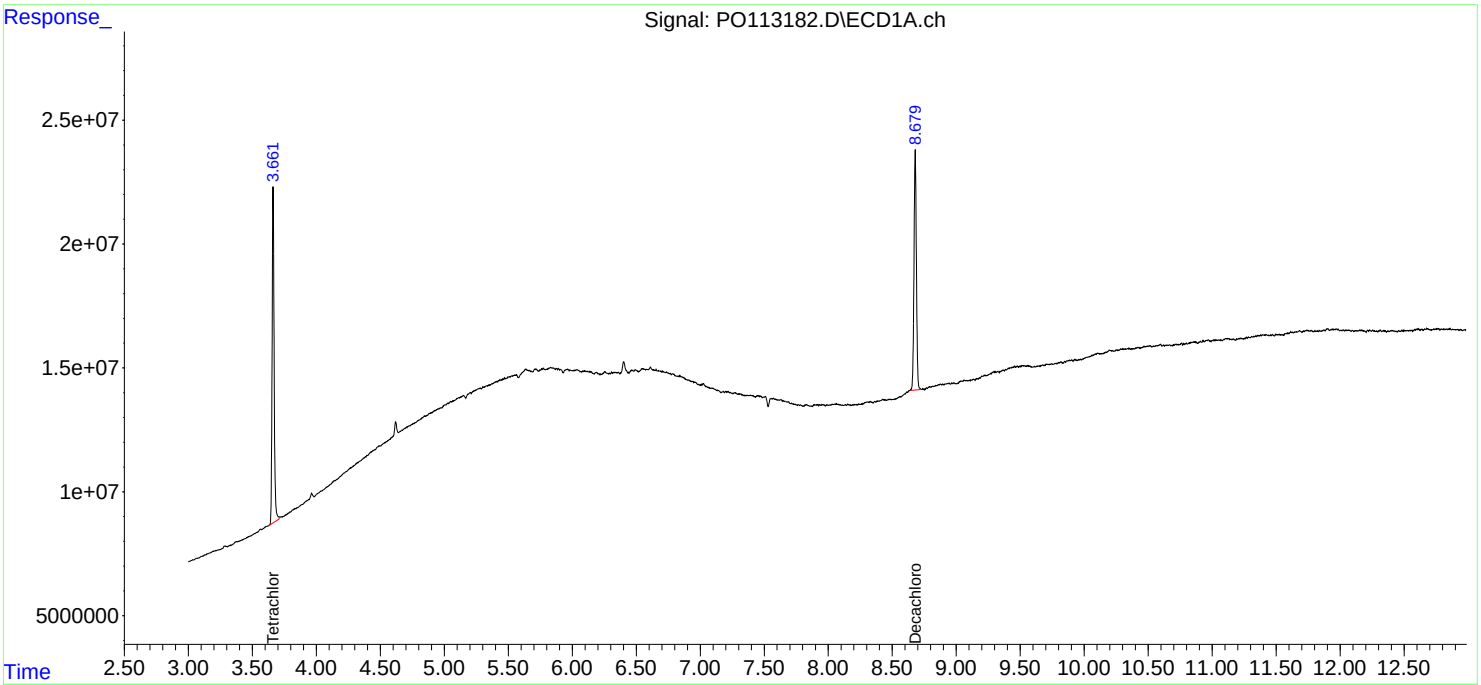
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

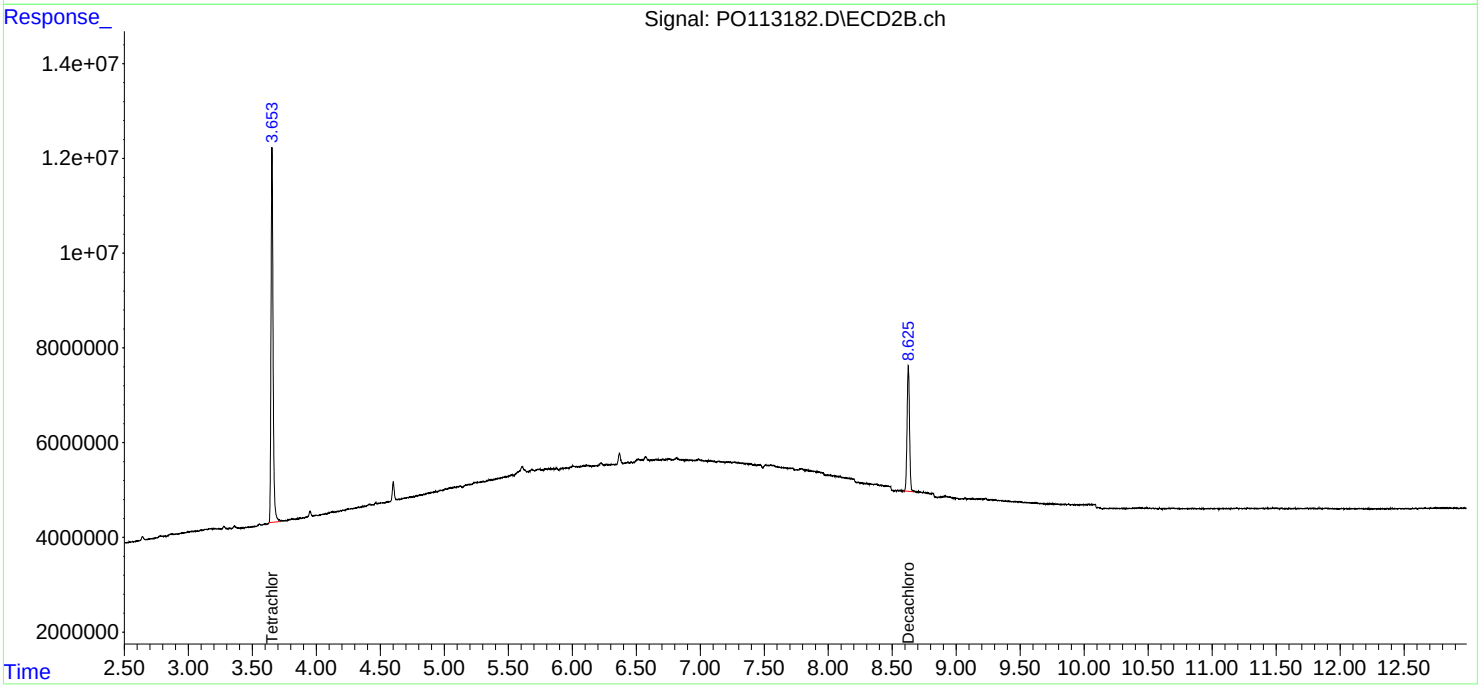
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 15:58
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

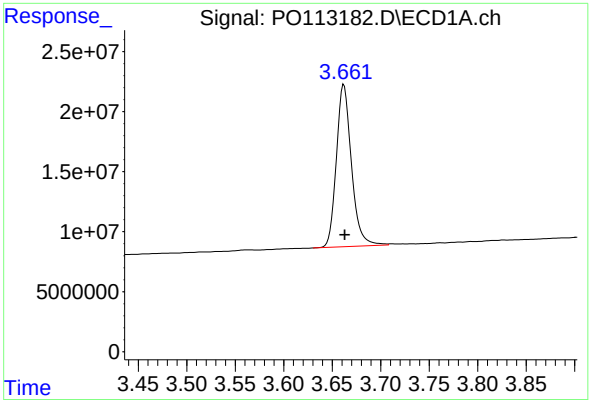
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:03:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



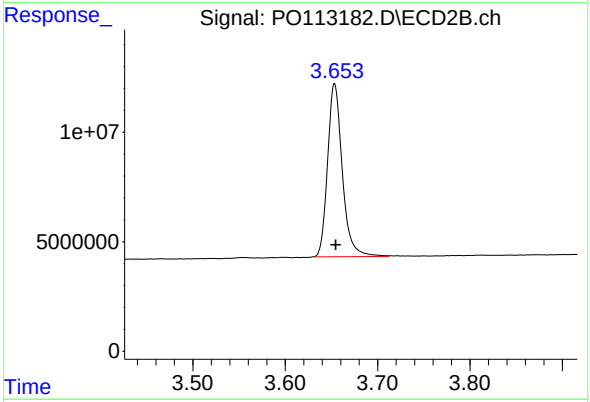




#1 Tetrachloro-m-xylene

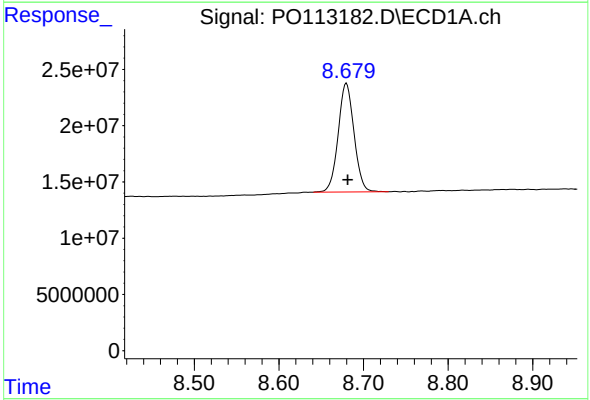
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 146395802
Conc: 17.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



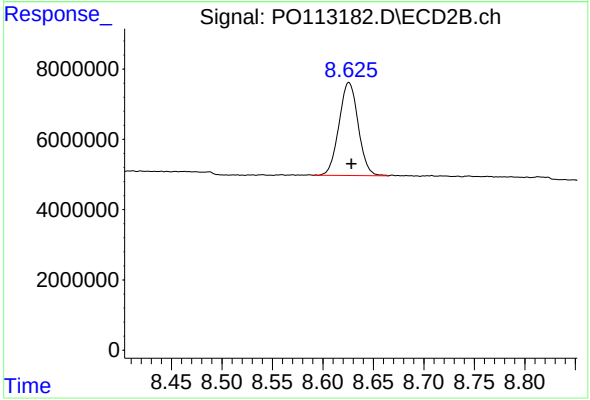
#1 Tetrachloro-m-xylene

R.T.: 3.653 min
Delta R.T.: -0.001 min
Response: 87389031
Conc: 17.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.002 min
Response: 125715423
Conc: 18.14 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.626 min
Delta R.T.: -0.003 min
Response: 35039390
Conc: 18.49 ng/ml

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:	08/22/25
Project:	SCA-K262	Date Received:	08/22/25
Client Sample ID:	PIBLK-PO113197.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PO113197.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PO113197.D	1		08/22/25	PO082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140	82%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 22:23
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: Aug 25 02:10:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.654	146.0E6	87565469	17.829	17.303
2)	SA Decachlor...	8.679	8.623	113.2E6	34402628	16.328	18.156
	Target Compounds						

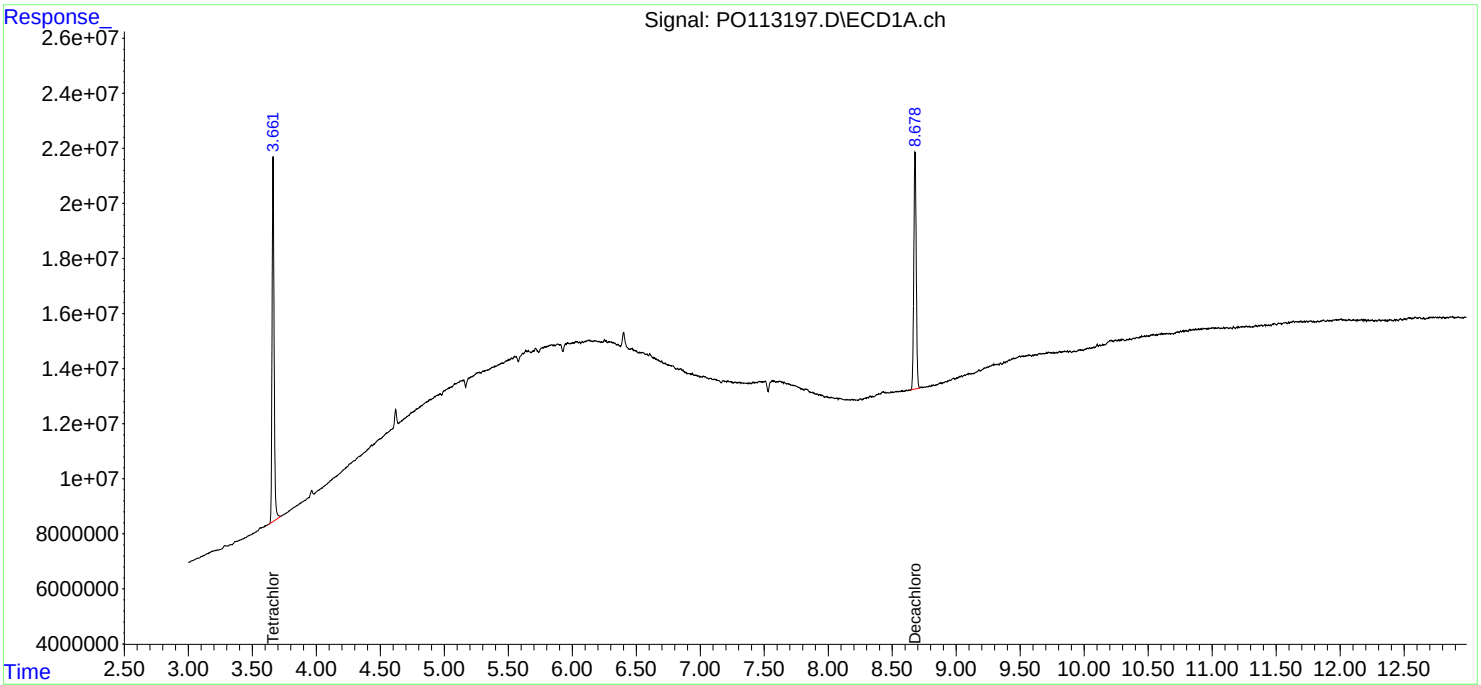
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

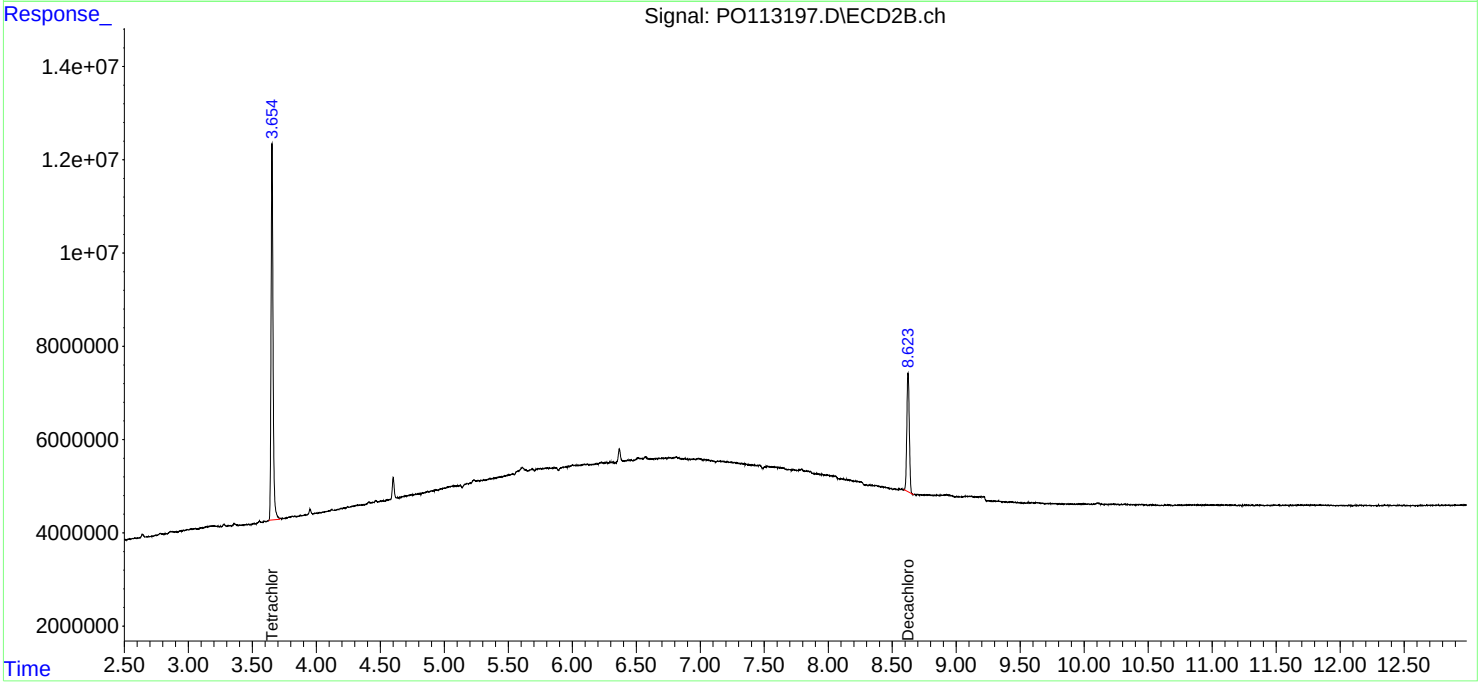
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 22:23
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

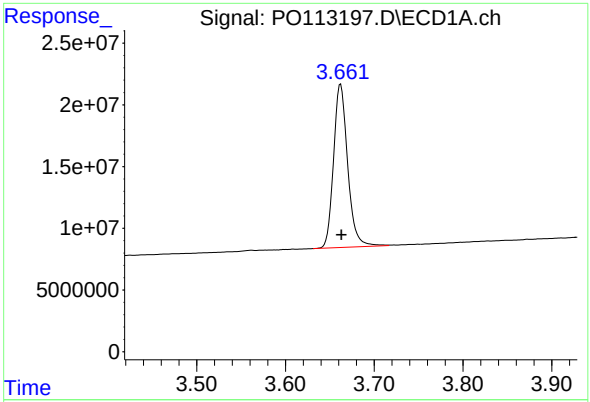
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:10:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



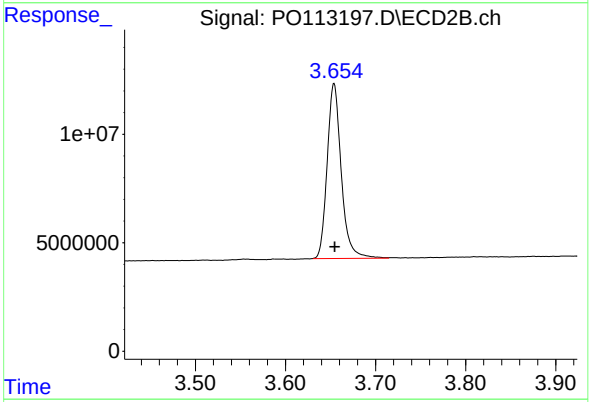




#1 Tetrachloro-m-xylene

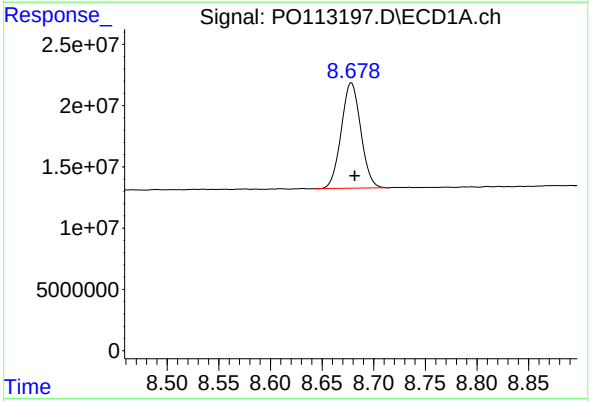
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 145956286
Conc: 17.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



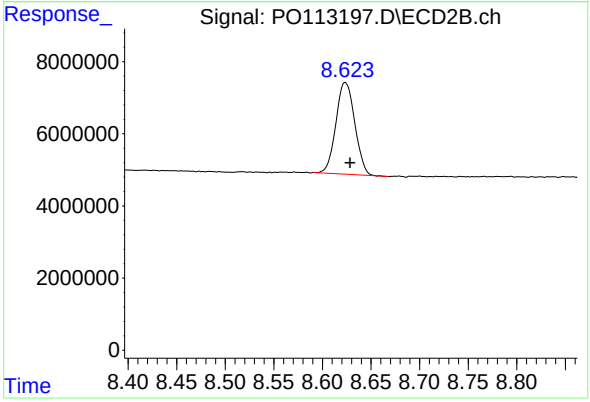
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 87565469
Conc: 17.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.003 min
Response: 113177644
Conc: 16.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.623 min
Delta R.T.: -0.005 min
Response: 34402628
Conc: 18.16 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/19/25
Project:	SCA-K262	Date Received:	08/19/25
Client Sample ID:	PIBLK-PP074490.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PP074490.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074490.D	1		08/19/25	PP081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.7		60 - 140	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 09:46
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.651	3.798	21748898	75777732	17.773	15.671
2)	SA Decachlor...	10.429	8.812	18016036	127.1E6	18.244	16.955
	Target Compounds						

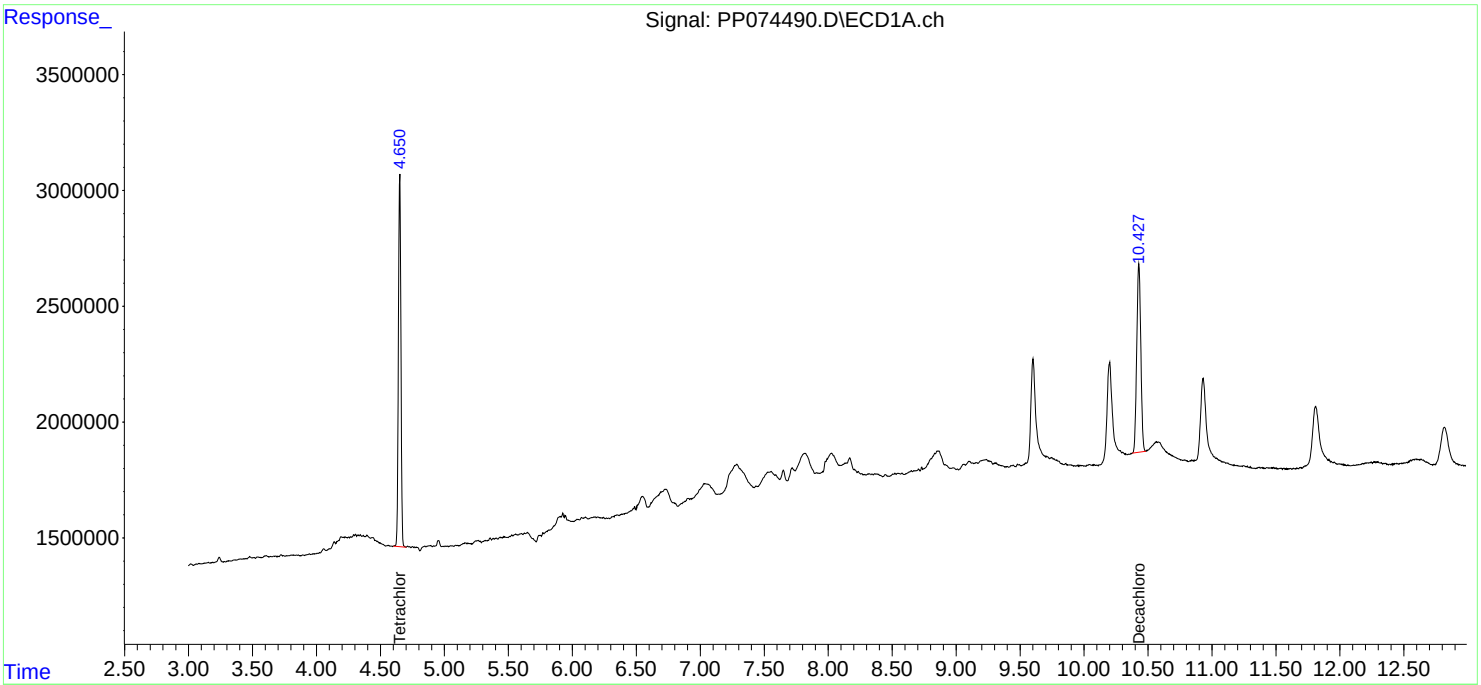
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

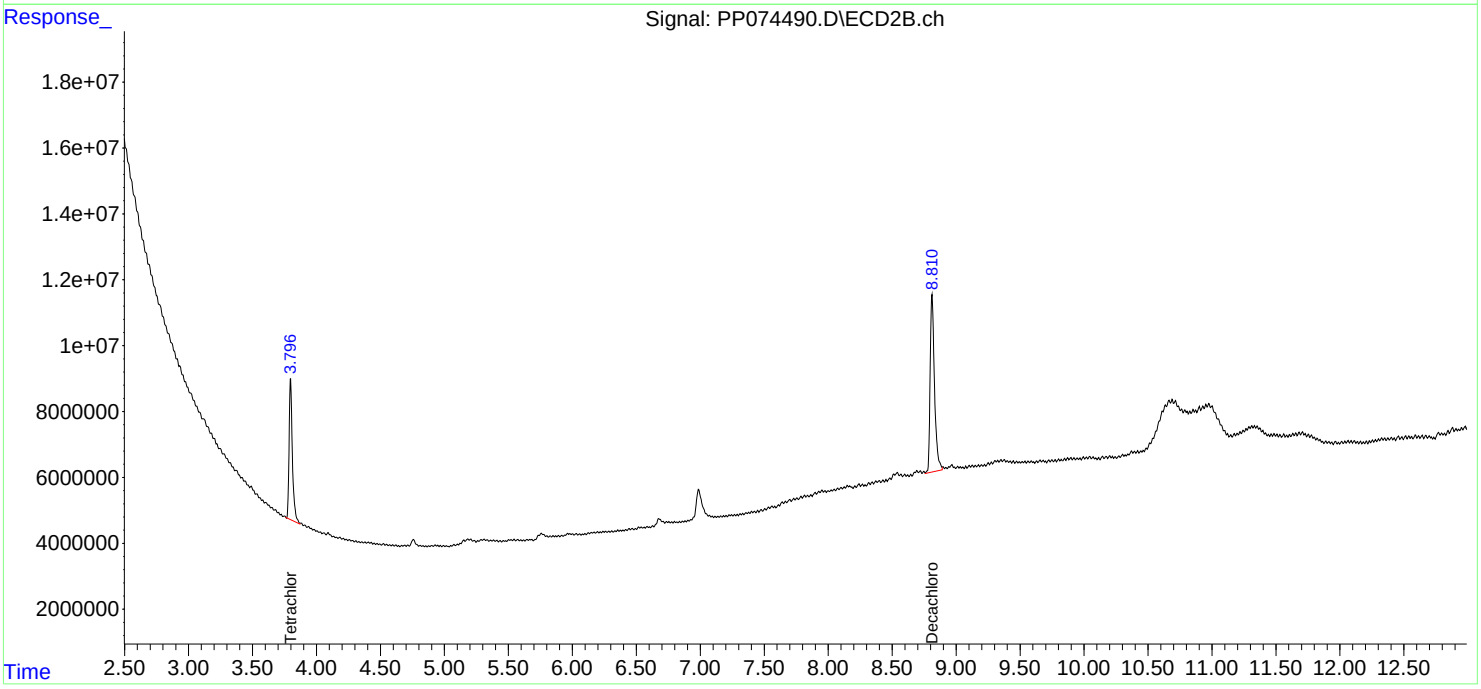
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 09:46
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

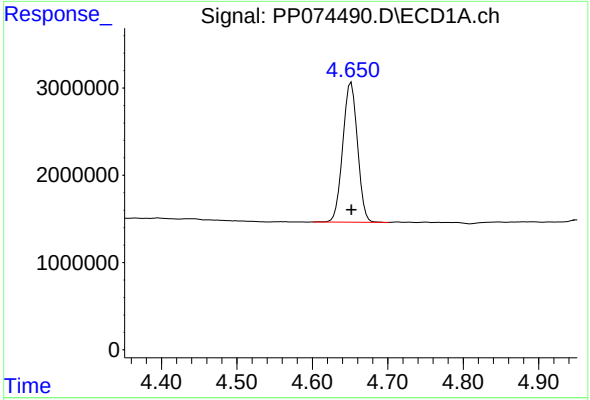
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



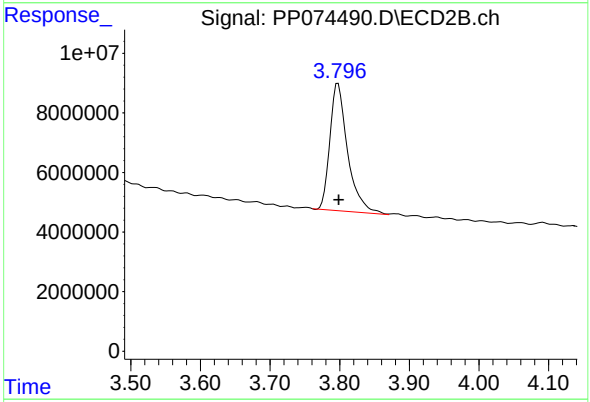




#1 Tetrachloro-m-xylene

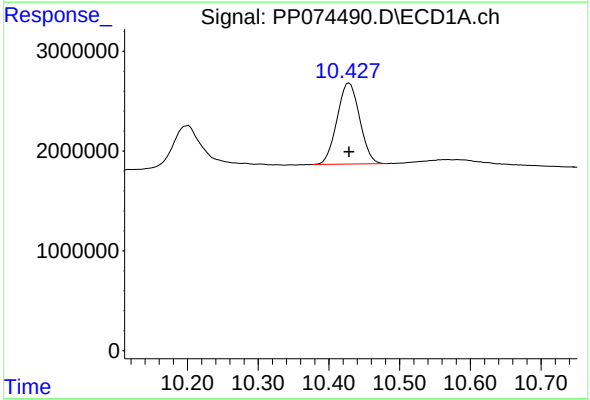
R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 21748898
Conc: 17.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



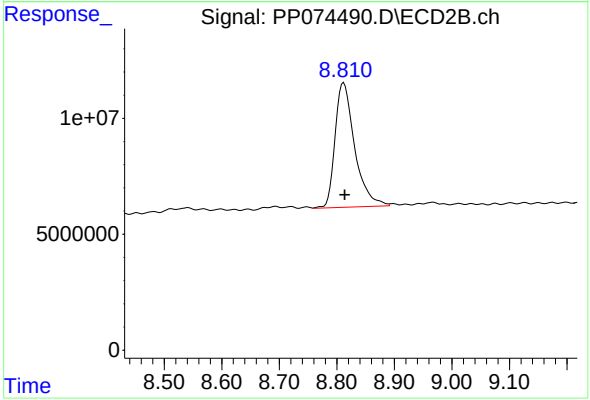
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 75777732
Conc: 15.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.000 min
Response: 18016036
Conc: 18.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.812 min
Delta R.T.: -0.002 min
Response: 127148329
Conc: 16.95 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/22/25
Project:	SCA-K262	Date Received:	08/22/25
Client Sample ID:	PIBLK-PP074566.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PP074566.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074566.D	1		08/22/25	pp082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.6		60 - 140	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140	82%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 09:55
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:25:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.798	22467097	75418040	18.360	15.597
2)	SA Decachlor...	10.434	8.812	20228908	122.4E6	20.485	16.326
	Target Compounds						

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

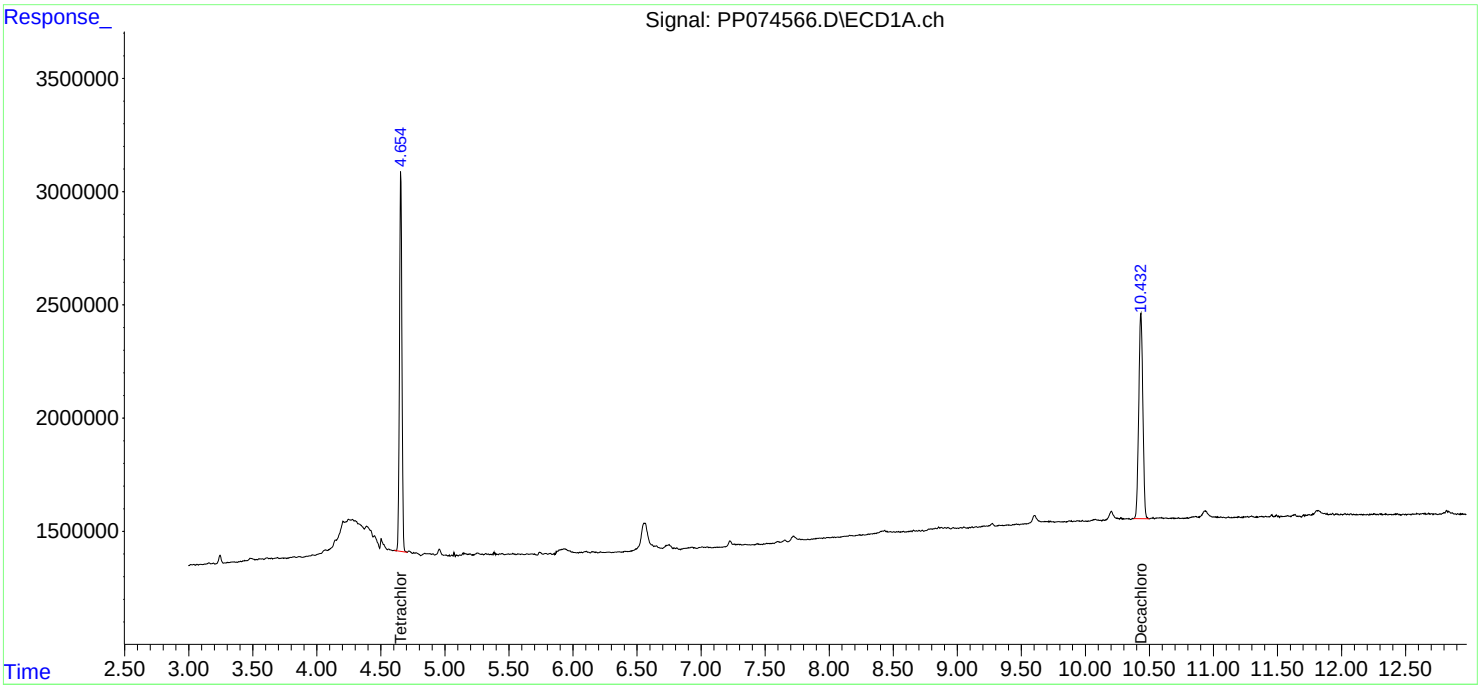
Quantitation Report (QT Reviewed)

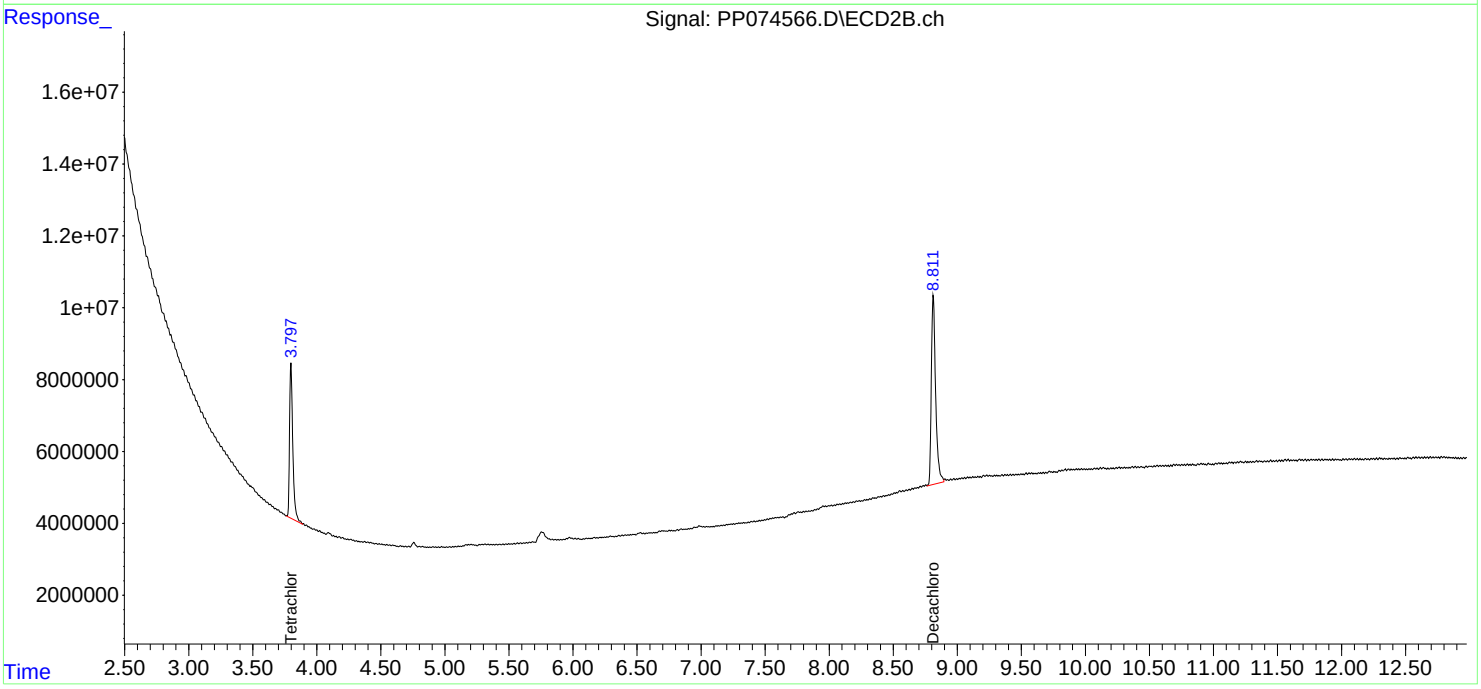
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 09:55
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

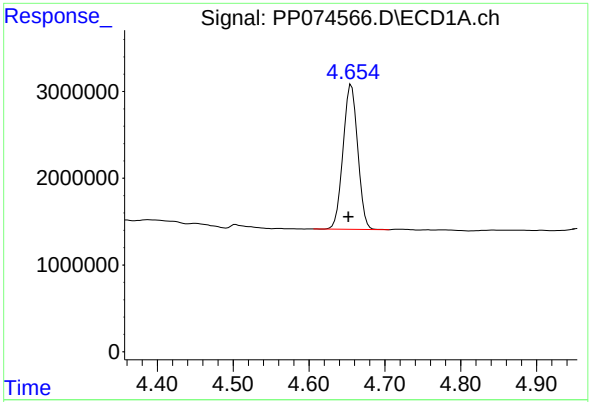
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:25:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



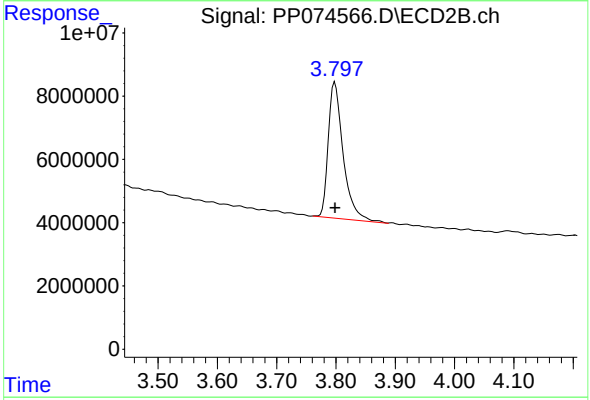




#1 Tetrachloro-m-xylene

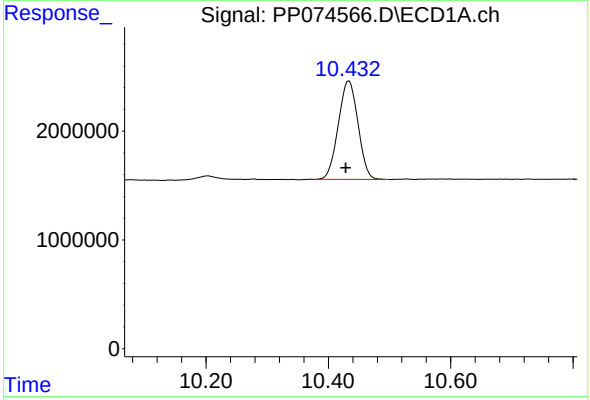
R.T.: 4.656 min
Delta R.T.: 0.004 min
Response: 22467097
Conc: 18.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



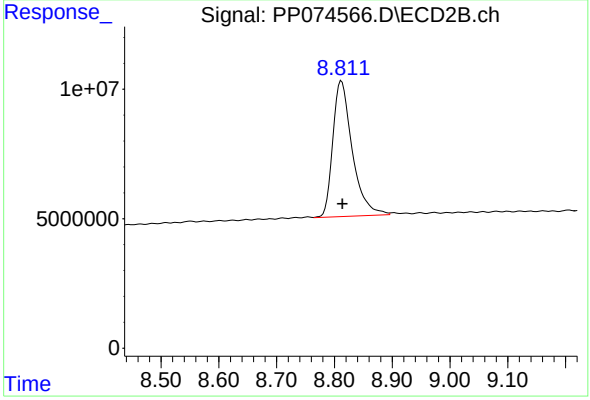
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 75418040
Conc: 15.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.005 min
Response: 20228908
Conc: 20.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.812 min
Delta R.T.: -0.002 min
Response: 122432366
Conc: 16.33 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/22/25
Project:	SCA-K262	Date Received:	08/22/25
Client Sample ID:	PIBLK-PP074581.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PP074581.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074581.D	1		08/22/25	pp082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.8		60 - 140	74%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		60 - 140	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 15:19
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:30:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.802	22206209	71700329	18.147	14.828
2)	SA Decachlor...	10.435	8.814	19992049	119.1E6	20.245	15.882
	Target Compounds						

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

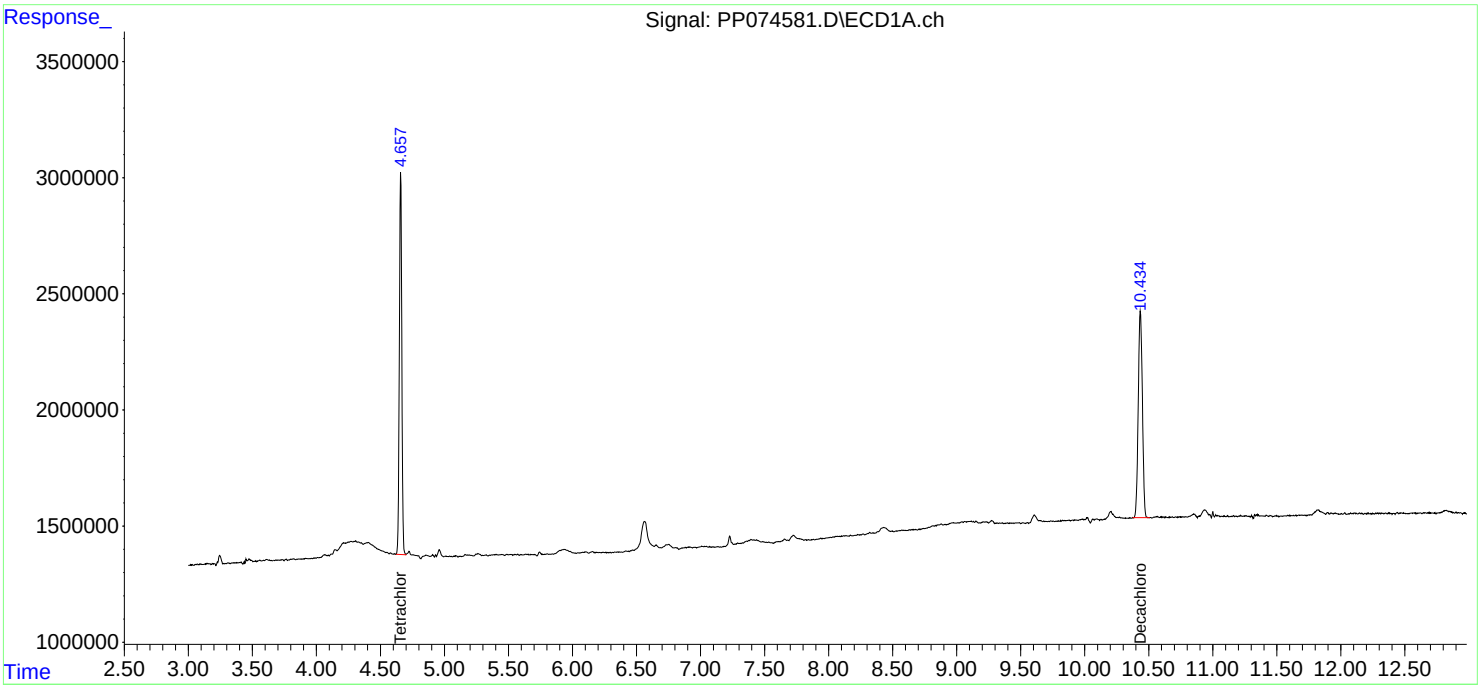
Quantitation Report (QT Reviewed)

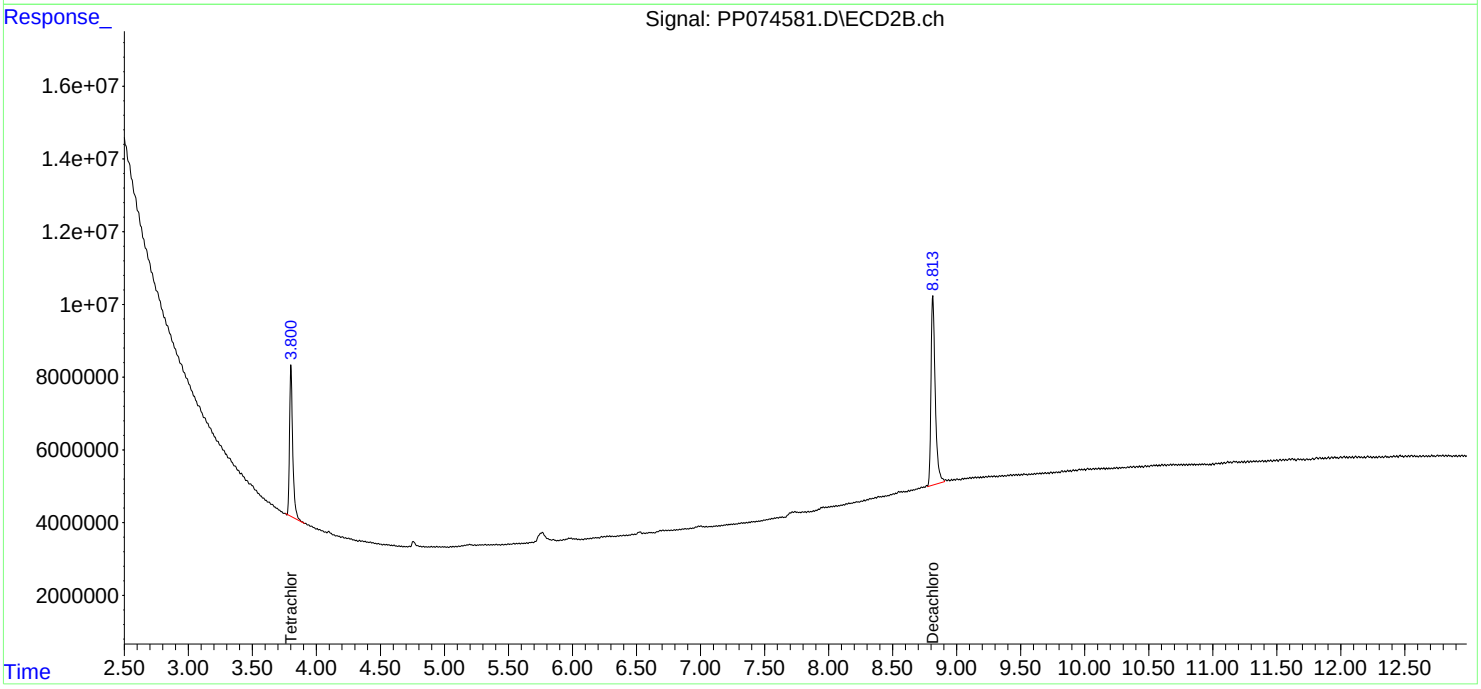
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 15:19
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

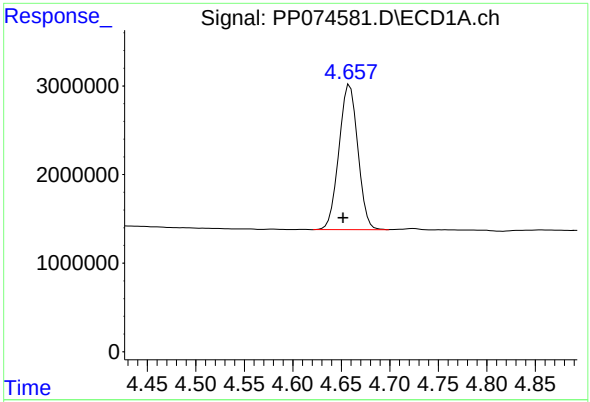
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:30:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



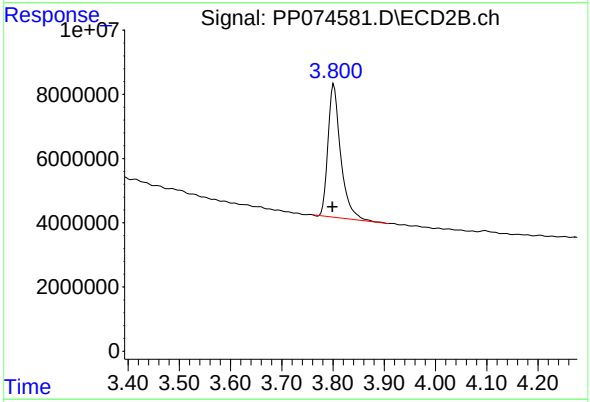




#1 Tetrachloro-m-xylene

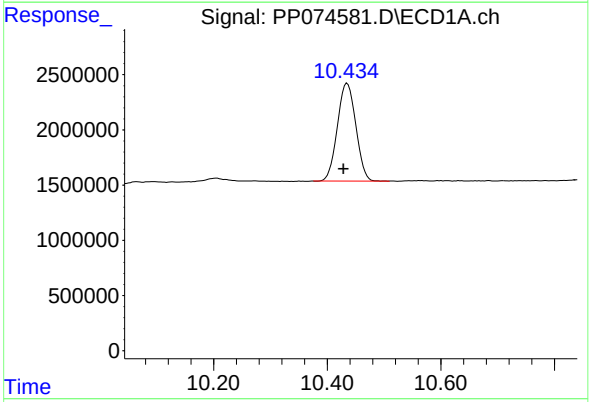
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 22206209
Conc: 18.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



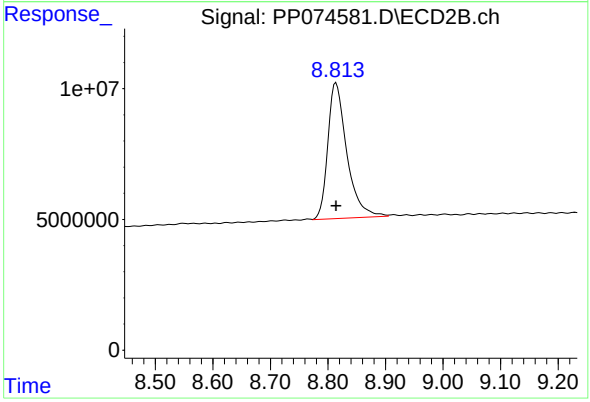
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.003 min
Response: 71700329
Conc: 14.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.007 min
Response: 19992049
Conc: 20.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 119100812
Conc: 15.88 ng/ml

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:	08/22/25
Project:	SCA-K262	Date Received:	08/22/25
Client Sample ID:	PIBLK-PP074596.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PP074596.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074596.D	1		08/22/25	pp082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.5		60 - 140	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		60 - 140	78%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 20:45
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:35:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.800	22435476	74933531	18.334	15.497
2)	SA Decachlor...	10.434	8.813	19894479	116.9E6	20.146	15.591
	Target Compounds						

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

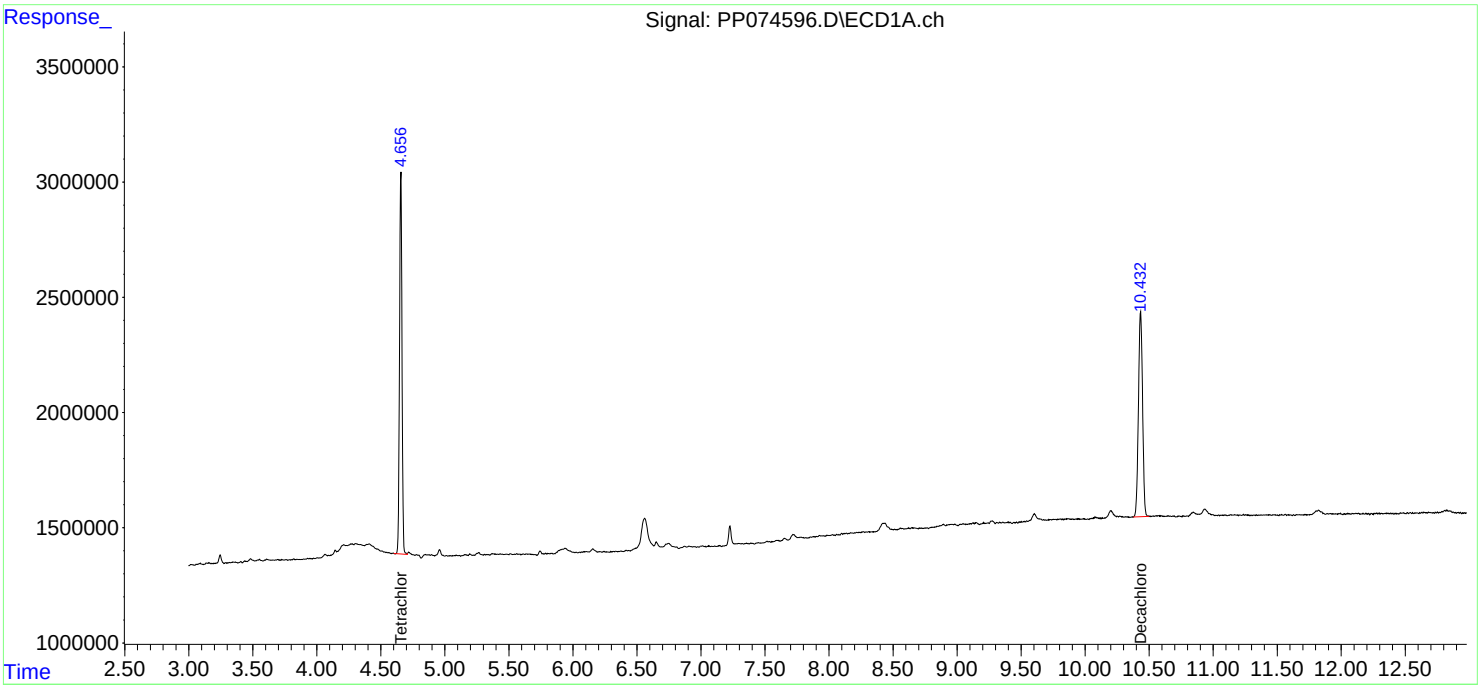
Quantitation Report (QT Reviewed)

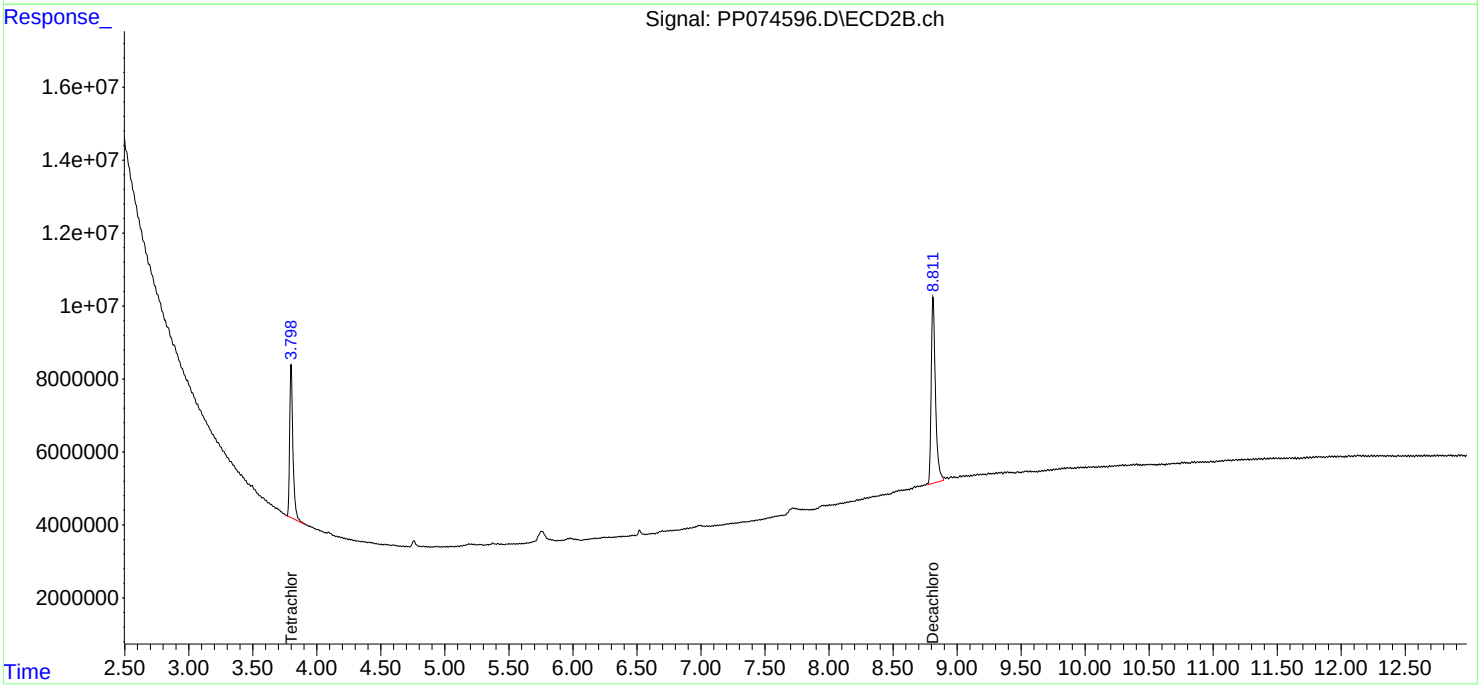
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 20:45
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

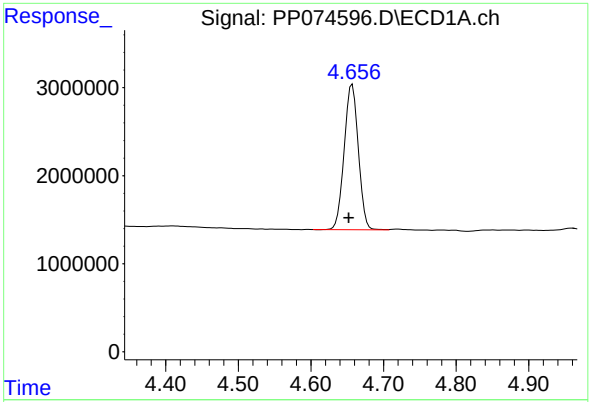
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:35:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



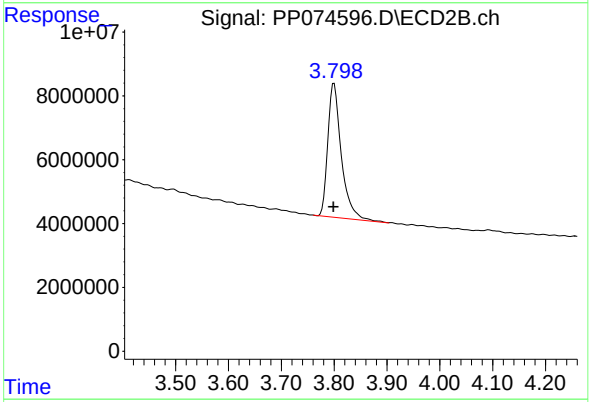




#1 Tetrachloro-m-xylene

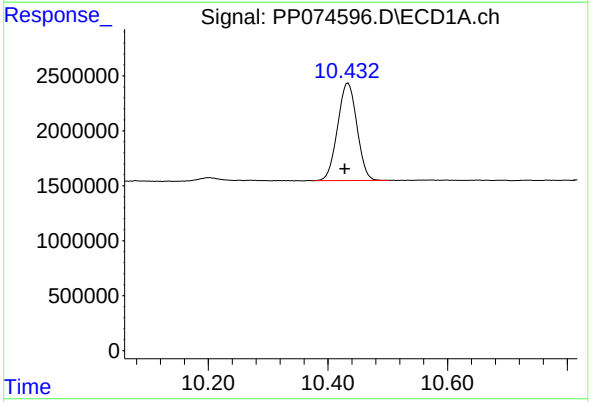
R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 22435476
Conc: 18.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



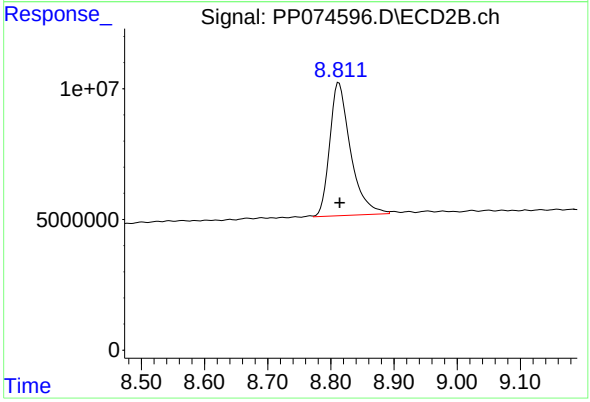
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 74933531
Conc: 15.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.005 min
Response: 19894479
Conc: 20.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: -0.001 min
Response: 116918278
Conc: 15.59 ng/ml

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:	08/23/25
Project:	SCA-K262	Date Received:	08/23/25
Client Sample ID:	PIBLK-PP074611.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PP074611.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074611.D	1		08/23/25	pp082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.2		60 - 140	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.8		60 - 140	69%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 02:27
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:39:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.801	22085383	73325601	18.048	15.164
2)	SA Decachlor...	10.436	8.814	18756332	103.7E6	18.994	13.834 #
	Target Compounds						

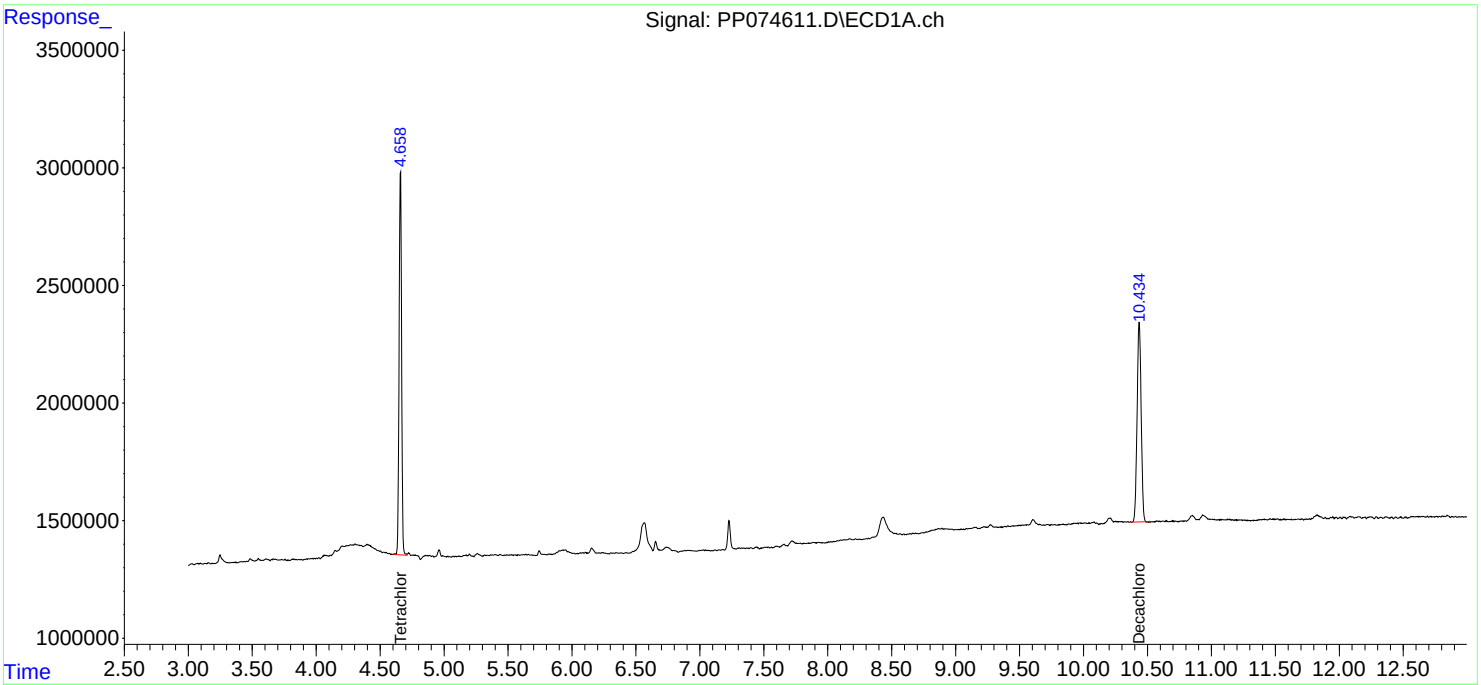
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

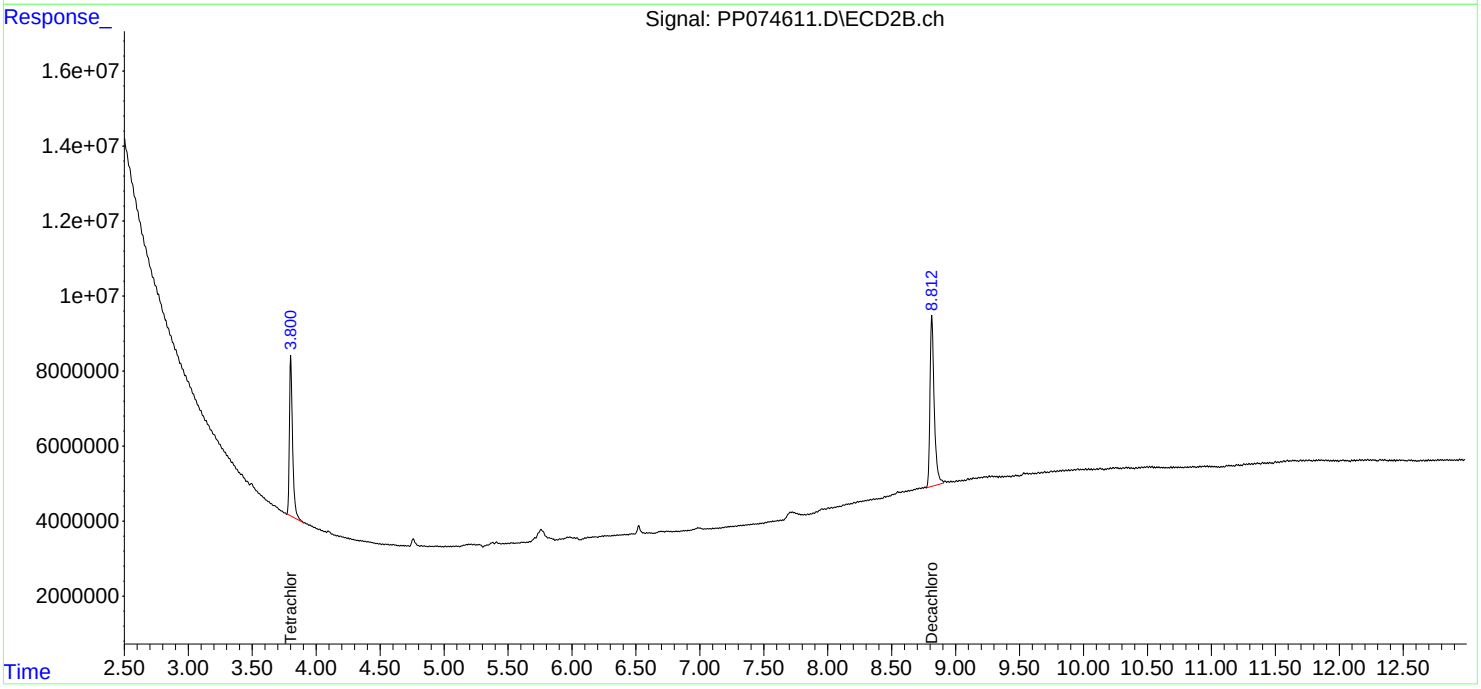
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 02:27
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

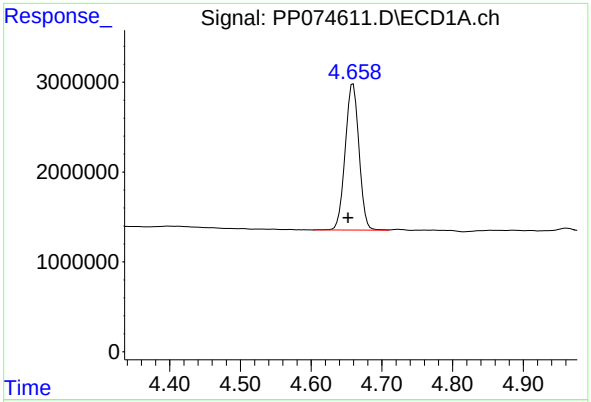
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:39:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



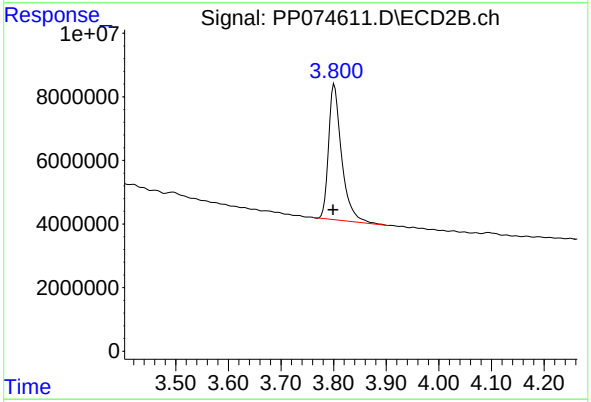




#1 Tetrachloro-m-xylene

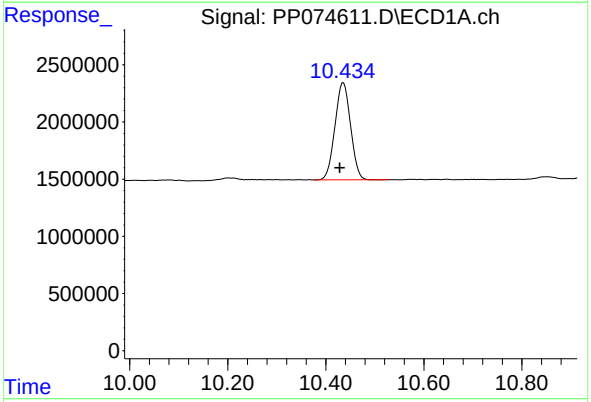
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 22085383
Conc: 18.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



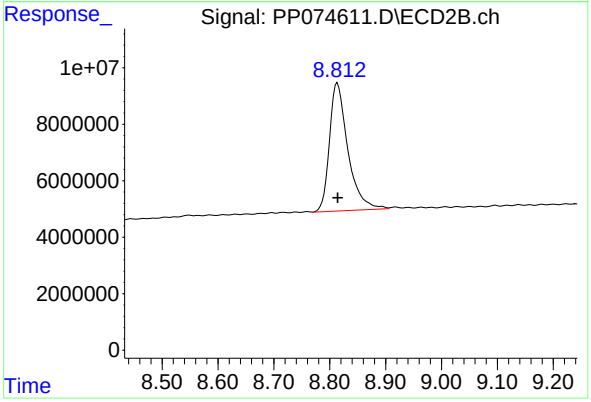
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.003 min
Response: 73325601
Conc: 15.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.008 min
Response: 18756332
Conc: 18.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 103742044
Conc: 13.83 ng/ml

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:	08/23/25
Project:	SCA-K262	Date Received:	08/23/25
Client Sample ID:	PIBLK-PP074623.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PP074623.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074623.D	1		08/23/25	pp082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		60 - 140	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		60 - 140	71%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 07:20
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:42:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.801	22916044	73997735	18.727	15.303
2)	SA Decachlor...	10.433	8.814	19317536	106.8E6	19.562	14.240 #
	Target Compounds						

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

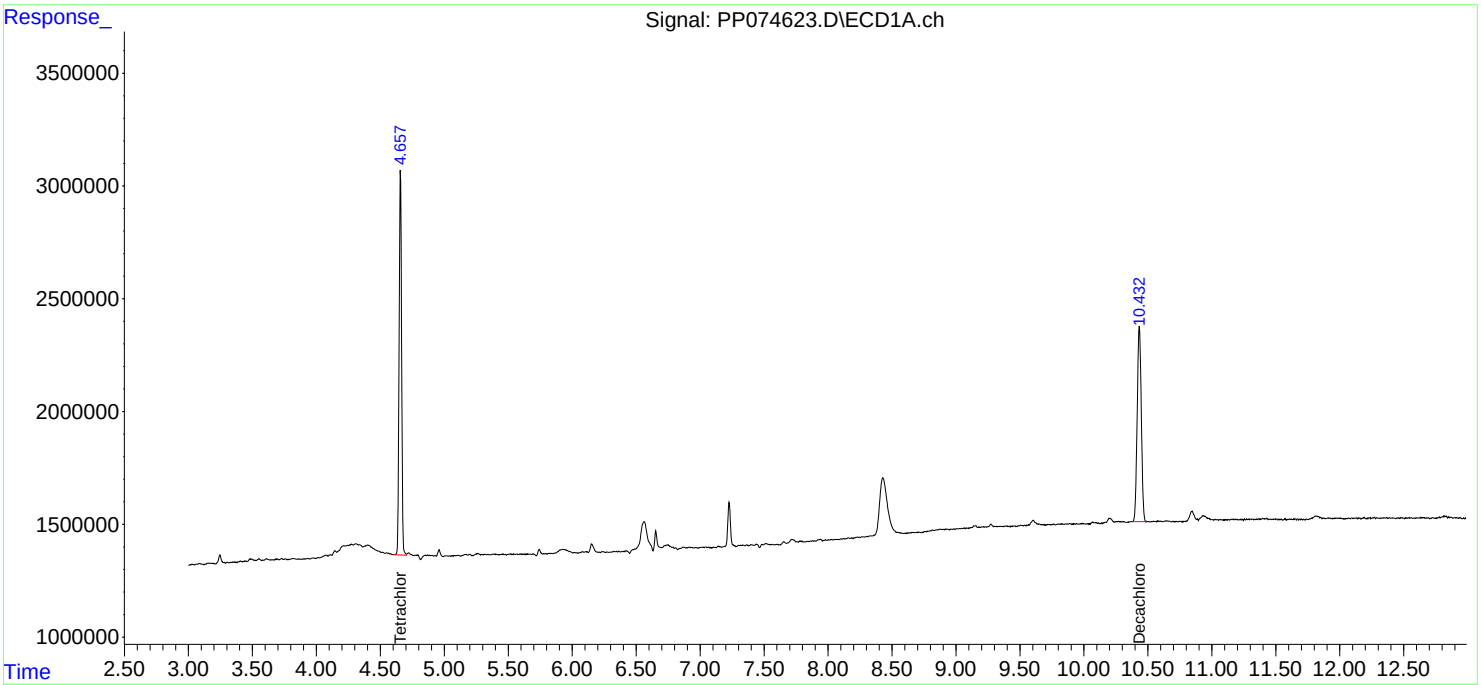
Quantitation Report (QT Reviewed)

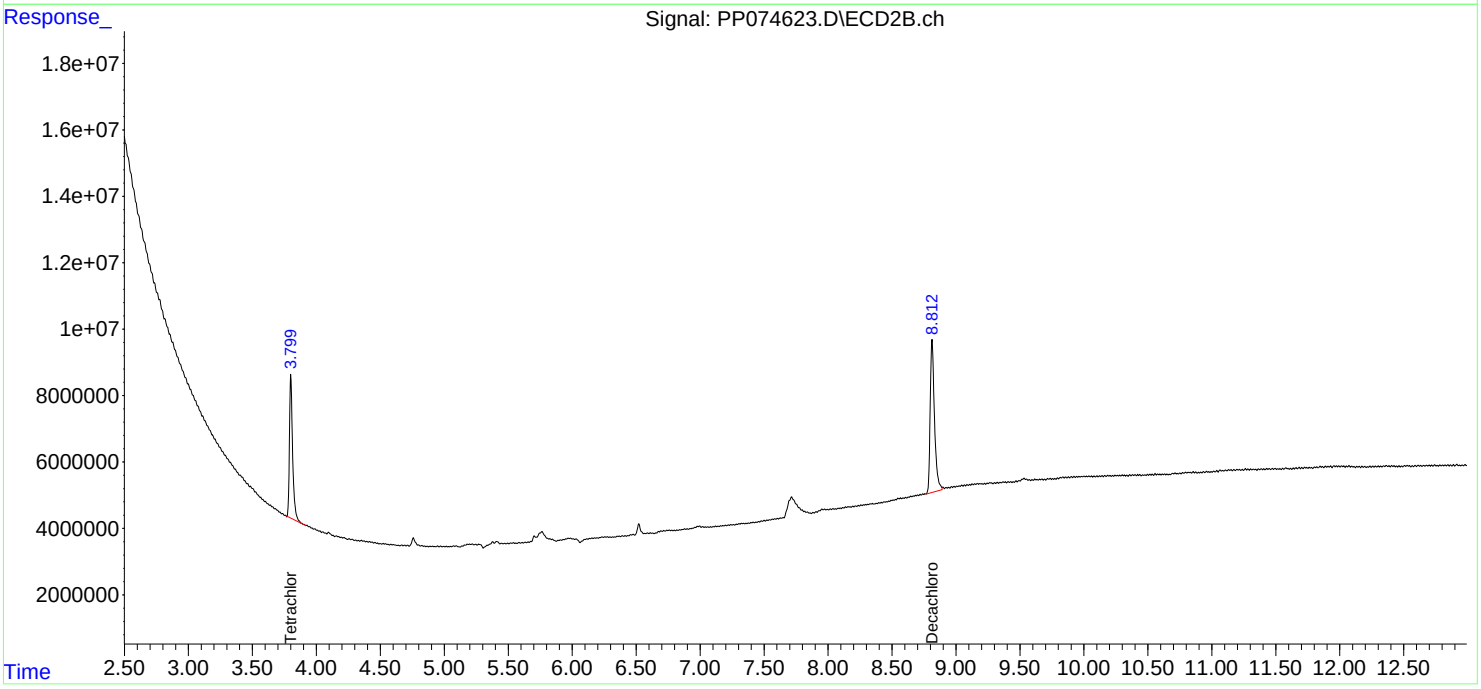
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2025 07:20
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

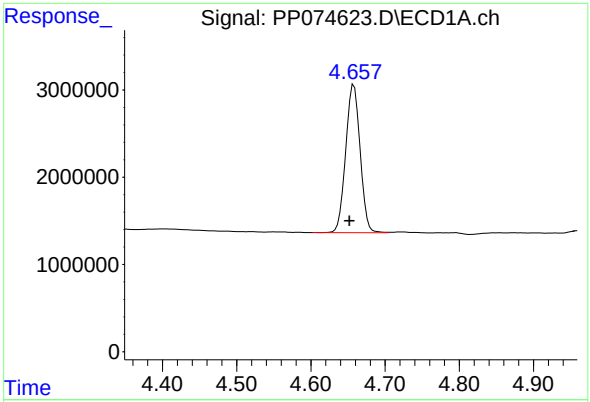
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:42:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



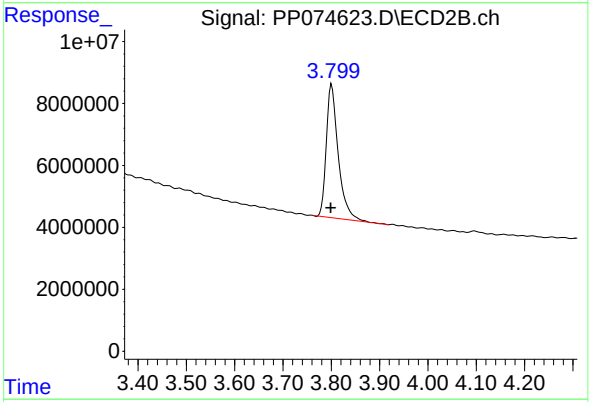




#1 Tetrachloro-m-xylene

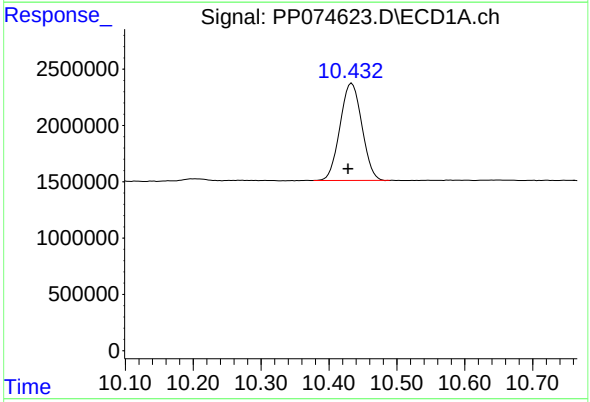
R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 22916044
Conc: 18.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



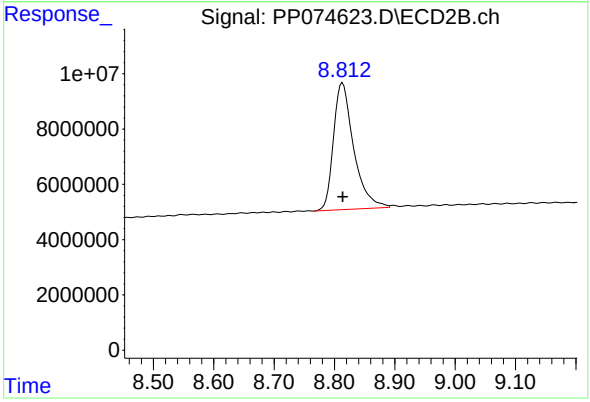
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: 73997735
Conc: 15.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.005 min
Response: 19317536
Conc: 19.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 106785469
Conc: 14.24 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/25/25
Project:	SCA-K262	Date Received:	08/25/25
Client Sample ID:	PIBLK-PP074629.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PP074629.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074629.D	1		08/25/25	PP082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		60 - 140	77%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 10:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.663	3.804	23541331	83646247	19.238	17.299
2)	SA Decachlor...	10.445	8.818	20597038	115.6E6	20.858	15.414 #
	Target Compounds						

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

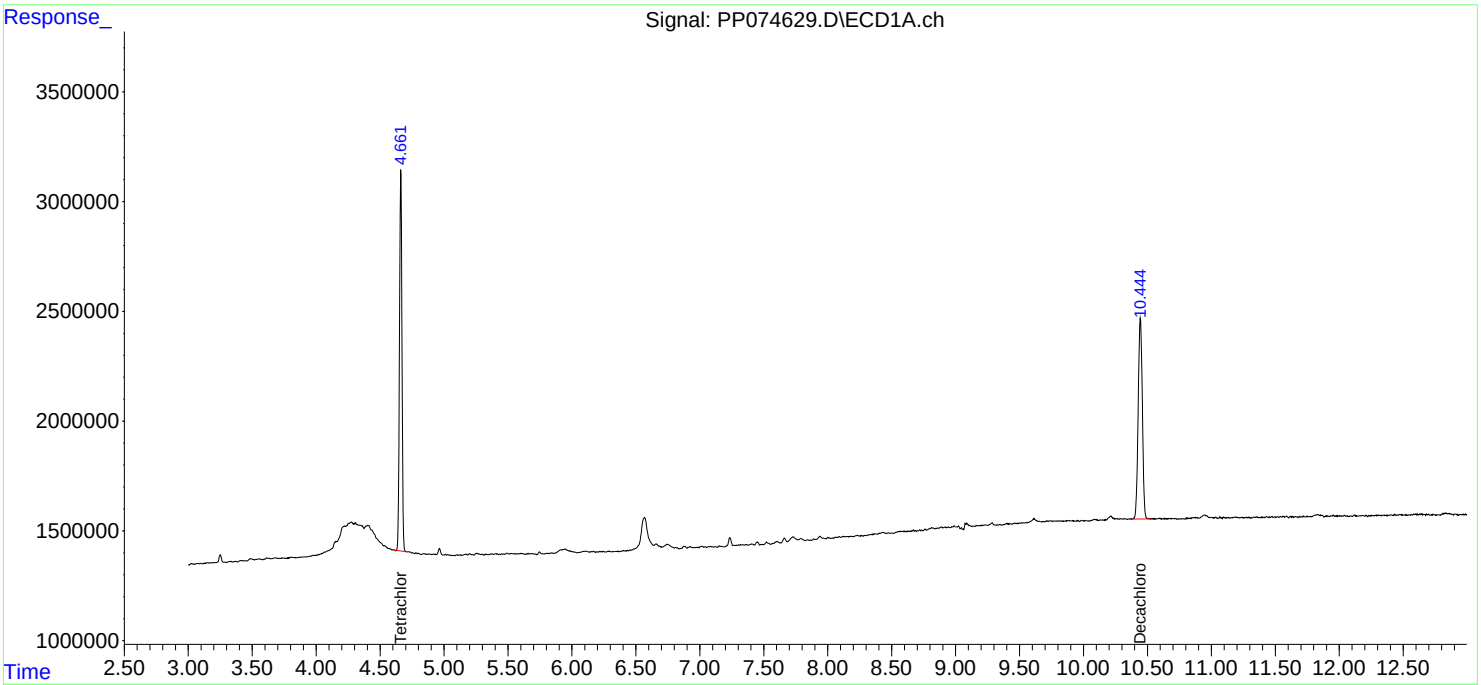
Quantitation Report (QT Reviewed)

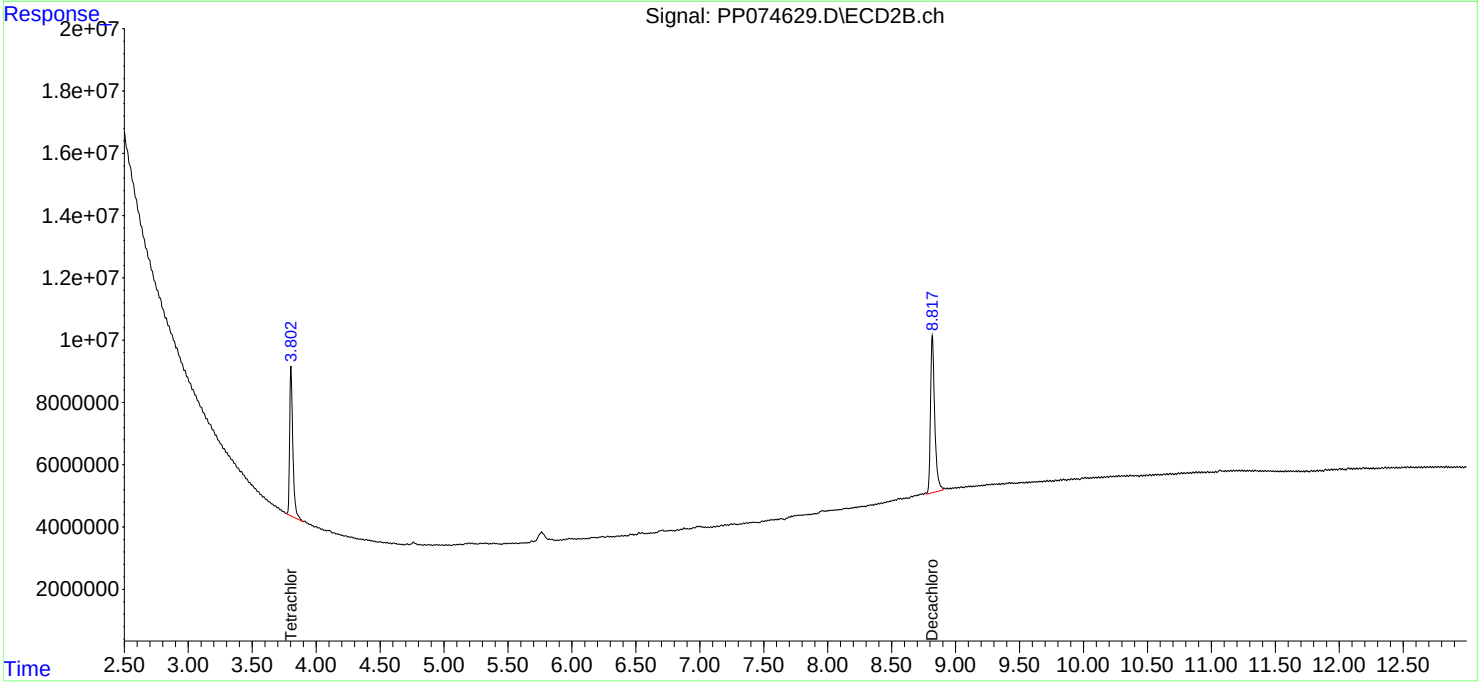
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 10:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

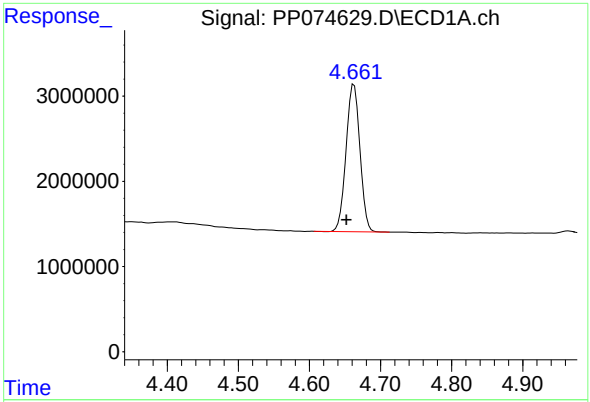
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 12:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



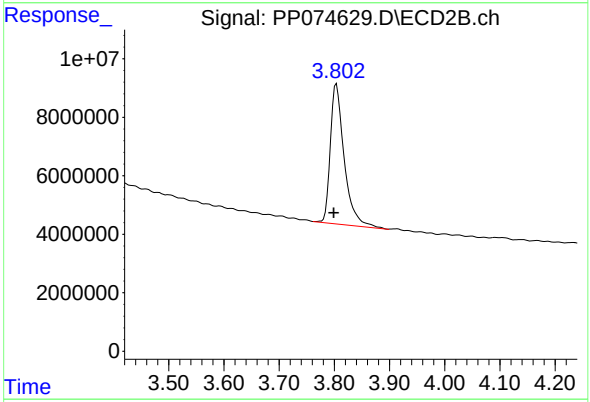




#1 Tetrachloro-m-xylene

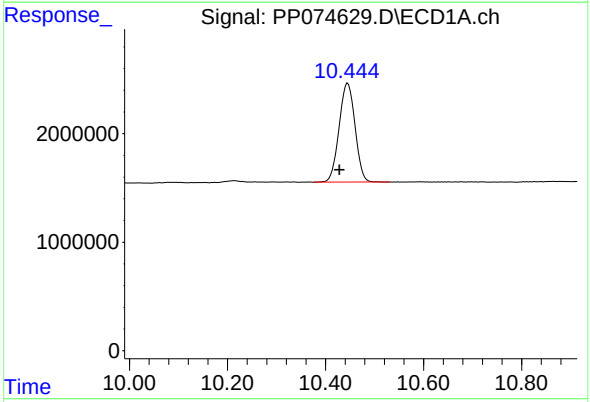
R.T.: 4.663 min
Delta R.T.: 0.011 min
Response: 23541331
Conc: 19.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



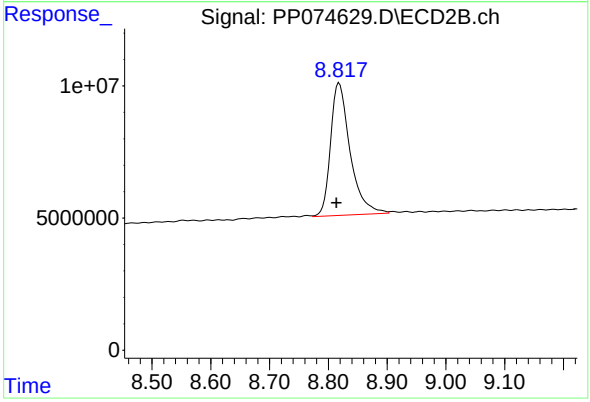
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.005 min
Response: 83646247
Conc: 17.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.445 min
Delta R.T.: 0.017 min
Response: 20597038
Conc: 20.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.818 min
Delta R.T.: 0.005 min
Response: 115589212
Conc: 15.41 ng/ml

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:	08/25/25
Project:	SCA-K262	Date Received:	08/25/25
Client Sample ID:	PIBLK-PP074643.D	SDG No.:	Q2911
Lab Sample ID:	I.BLK-PP074643.D	Matrix:	WATER
Analytical Method:	8082A	% 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
PP074643.D	1		08/25/25	pp082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		60 - 140	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.7		60 - 140	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074643.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 16:19
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 02:00:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.661	3.801	21007455	73843944	17.167	15.271
2)	SA Decachlor...	10.446	8.817	20355944	117.7E6	20.613	15.695
	Target Compounds						

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

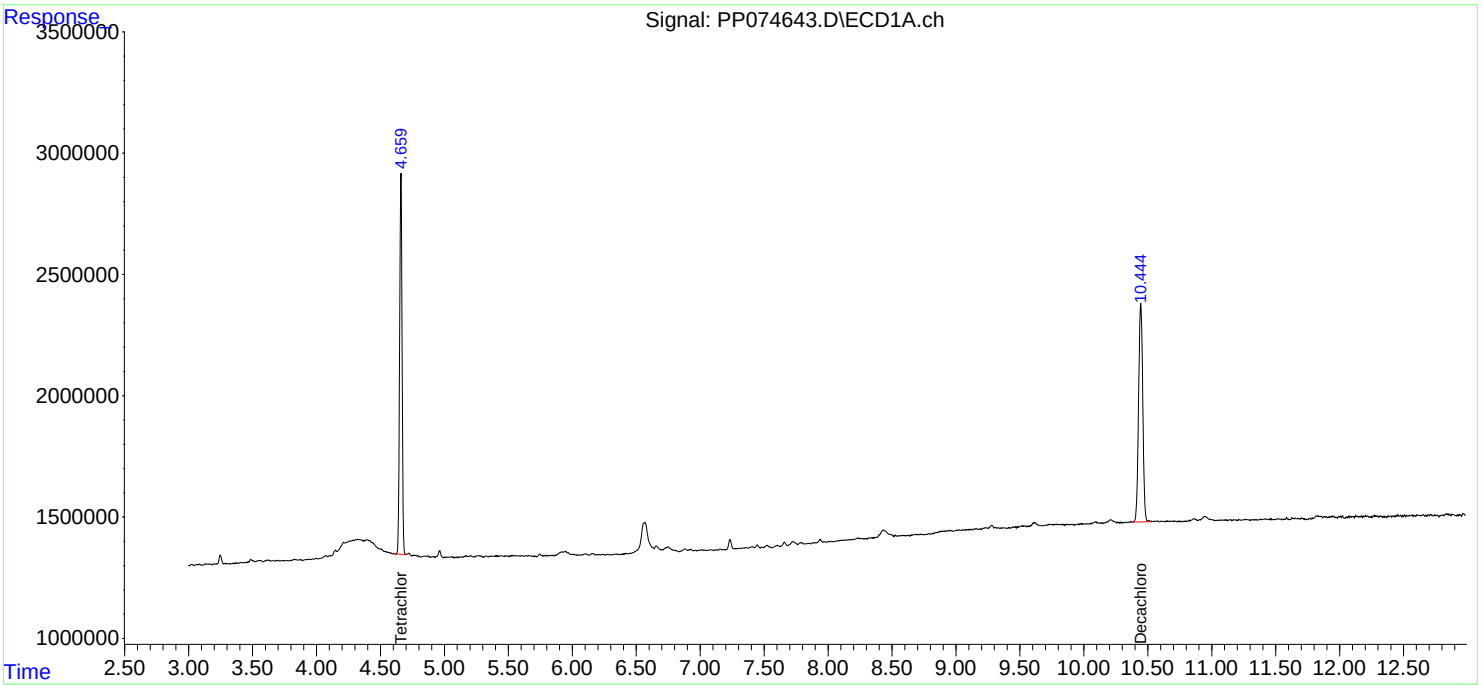
Quantitation Report (QT Reviewed)

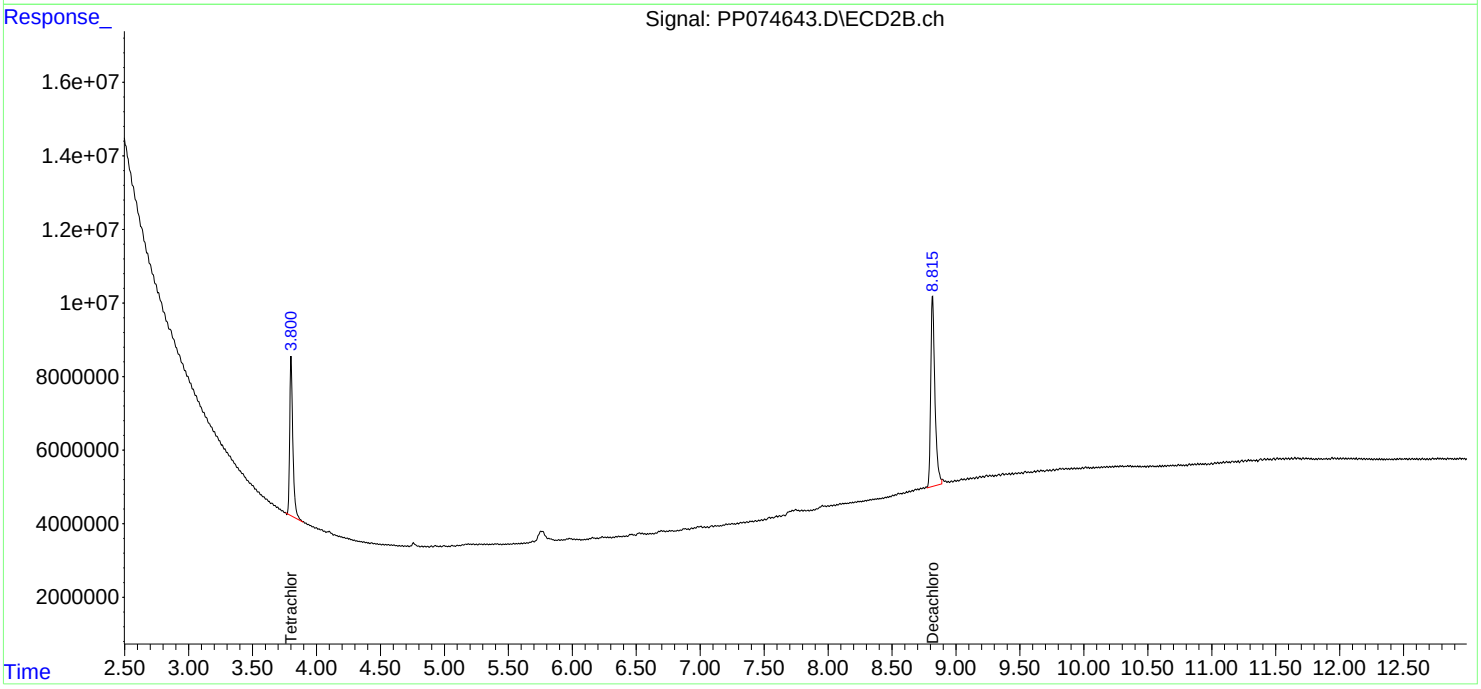
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082525\
Data File : PP074643.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2025 16:19
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

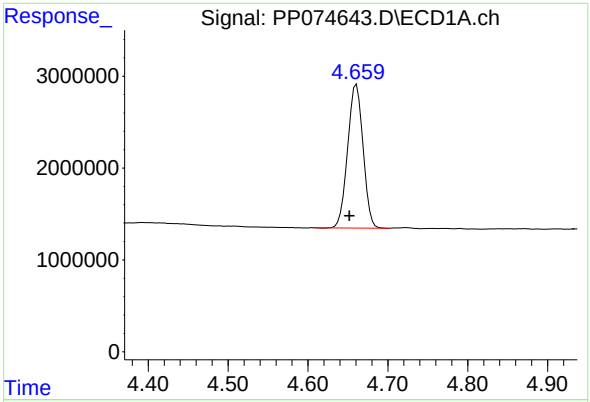
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 02:00:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



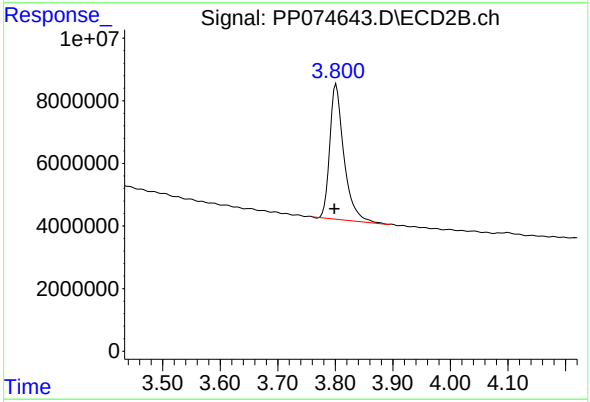




#1 Tetrachloro-m-xylene

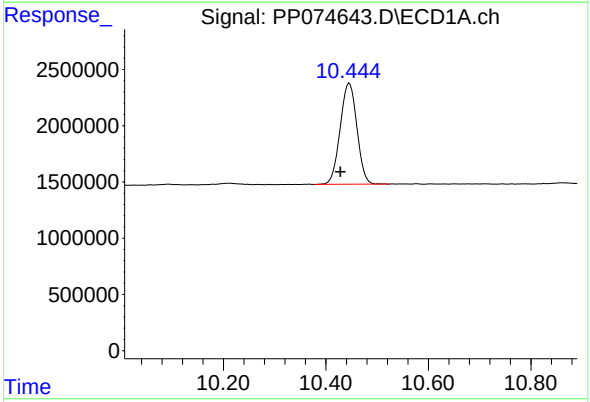
R.T.: 4.661 min
Delta R.T.: 0.009 min
Response: 21007455
Conc: 17.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



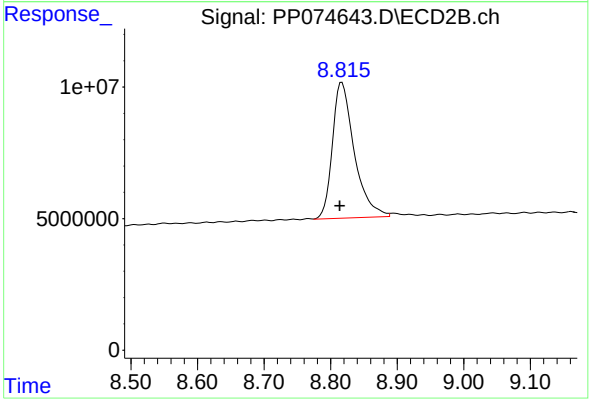
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.003 min
Response: 73843944
Conc: 15.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.446 min
Delta R.T.: 0.017 min
Response: 20355944
Conc: 20.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.003 min
Response: 117702543
Conc: 15.70 ng/ml

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:	SCA-K262	Date Received:	
Client Sample ID:	PB169353BS	SDG No.:	Q2911
Lab Sample ID:	PB169353BS	Matrix:	SOIL
Analytical Method:	8082A	% 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
PP074574.D	1	08/22/25 08:10	08/22/25 12:37	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	142		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	137		3.20	17.0	ug/kg
Total PCBs	Total PCBs	279		7.10	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		32 - 175	110%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 12:37
Operator : YP\AJ
Sample : PB169353BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169353BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:28:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.659	3.803	24552336	84759882	20.064	17.529
2) SA	Decachlor...	10.440	8.817	21812454	135.0E6	22.088	17.995
	Target Compounds						
3) L1	AR-1016-1	5.812	4.902	18760200	199.7E6	425.509	392.033
4) L1	AR-1016-2	5.833	4.959	27636349	93001316	439.778	390.737
5) L1	AR-1016-3	5.896	5.079	18267938	52240626	406.732	378.820
6) L1	AR-1016-4	5.993	5.120	15188270	51672205	431.708	369.607
7) L1	AR-1016-5	6.286	5.335	14263208	55559523	429.795	334.528
31) L7	AR-1260-1	7.404	6.365	25630499	157.2E6	443.361	418.994
32) L7	AR-1260-2	7.656	6.551	30238466	205.9E6	438.763	389.441
33) L7	AR-1260-3	8.015	6.705	20640594	161.2E6	397.812	372.380
34) L7	AR-1260-4	8.241	7.175	25156785	132.7E6	394.352m	347.984
35) L7	AR-1260-5	8.568	7.414	43848881	350.2E6	386.633	348.611

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
Data File : PP074574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 12:37
Operator : YP\AJ
Sample : PB169353BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

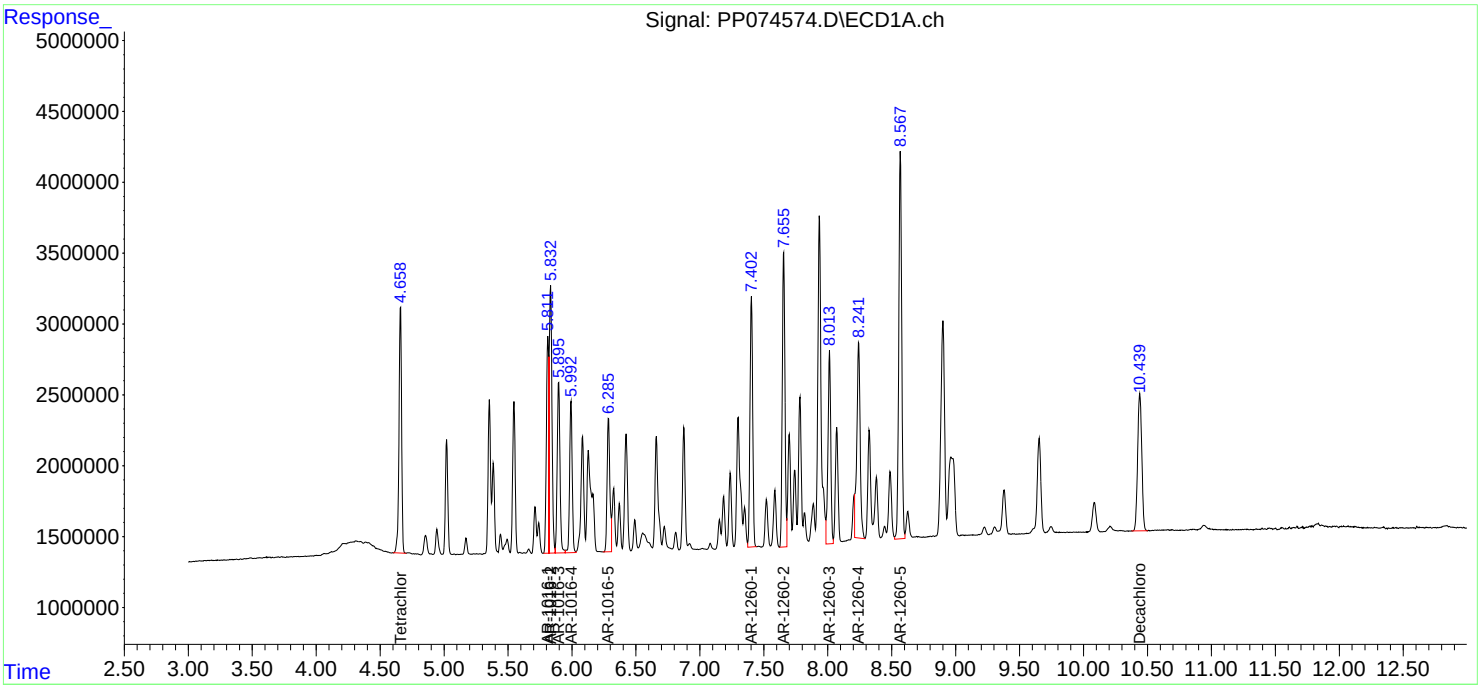
Instrument :
ECD_P
ClientSampleId :
PB169353BS

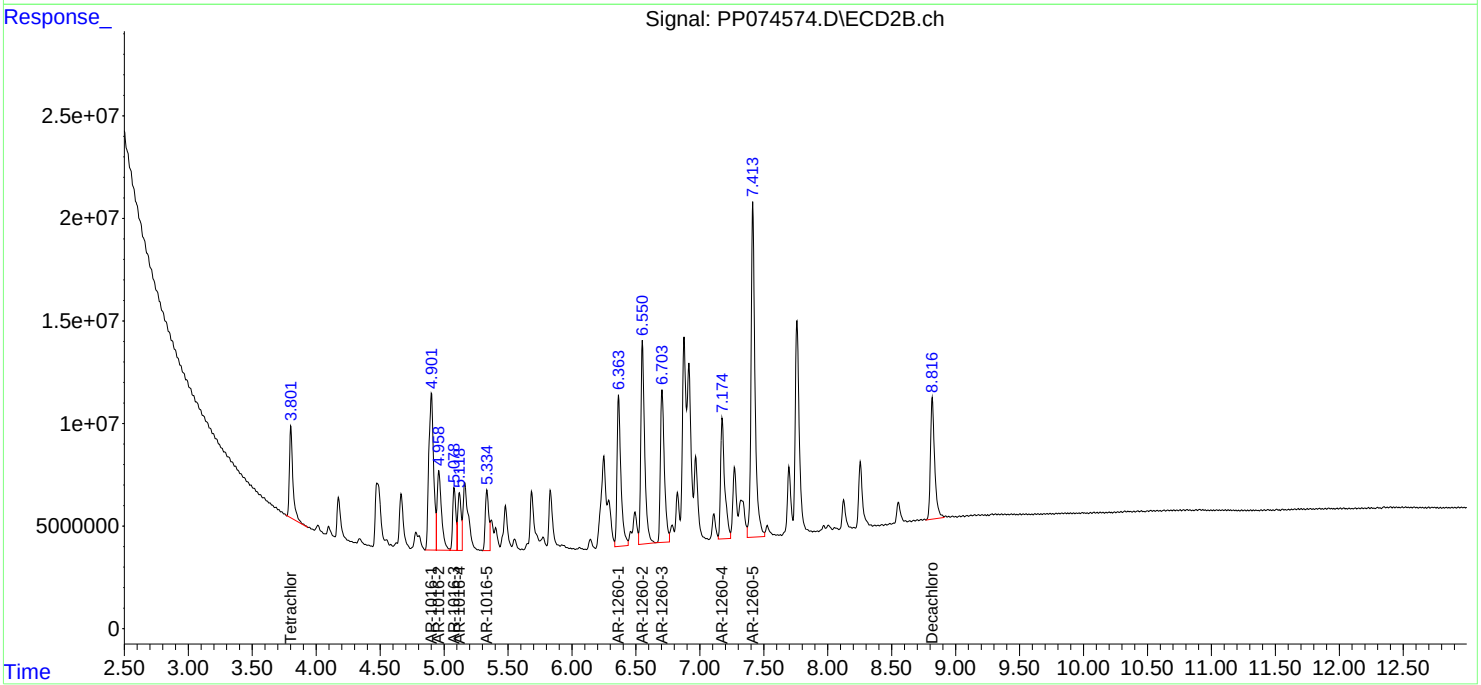
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 05:28:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-2CMS	SDG No.:	Q2911
Lab Sample ID:	Q2911-06MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.9 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
PO113185.D	1	08/22/25 08:10	08/22/25 16:54	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	160		4.30	18.5	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.5	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.5	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.5	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.5	ug/kg
11097-69-1	Aroclor-1254	189		3.50	18.5	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.5	ug/kg
11096-82-5	Aroclor-1260	209		3.50	18.5	ug/kg
Total PCBs	Total PCBs	557		11.3	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		32 - 175	109%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:54
Operator : YP/AJ
Sample : Q2911-06MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : ECD_O
ClientSampleId : K262-2CMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:04:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.662	3.654	166.5E6	97126490	20.334	19.192
2)	SA Decachlor...	8.679	8.624	136.8E6	41156962	19.731	21.720
	Target Compounds						
3)	L1 AR-1016-1	4.746	4.727	121.2E6	74873580	453.825	438.951
4)	L1 AR-1016-2	4.765	4.745	185.5E6	115.0E6	462.145	446.218
5)	L1 AR-1016-3	4.822	4.920	109.3E6	59070516	428.519	423.098
6)	L1 AR-1016-4	4.941	4.963	95001786	48893353	435.652	418.970
7)	L1 AR-1016-5	5.197	5.175	83651838	67734036	377.443m	475.227 #
26)	L6 AR-1254-1	5.552	5.526	208.2E6	136.5E6	385.583m	432.964
27)	L6 AR-1254-2	5.700	5.672	167.8E6	112.6E6	340.088m	401.646
28)	L6 AR-1254-3	6.103	6.072	236.3E6	157.4E6	319.771m	377.648m
29)	L6 AR-1254-4	6.333	6.299	117.0E6	59055613	210.103	214.876
30)	L6 AR-1254-5	6.750	6.715	819.6E6	420.6E6	1169.241	1176.408
31)	L7 AR-1260-1	6.234	6.202	360.1E6	192.6E6	807.478	754.976
32)	L7 AR-1260-2	6.424	6.390	409.5E6	217.4E6	596.337	628.952m
33)	L7 AR-1260-3	6.788	6.541	283.4E6	148.8E6	458.997	500.225
34)	L7 AR-1260-4	7.050	7.012	253.3E6	110.7E6	565.579	534.362
35)	L7 AR-1260-5	7.292	7.253	548.1E6	209.0E6	452.732	446.176

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

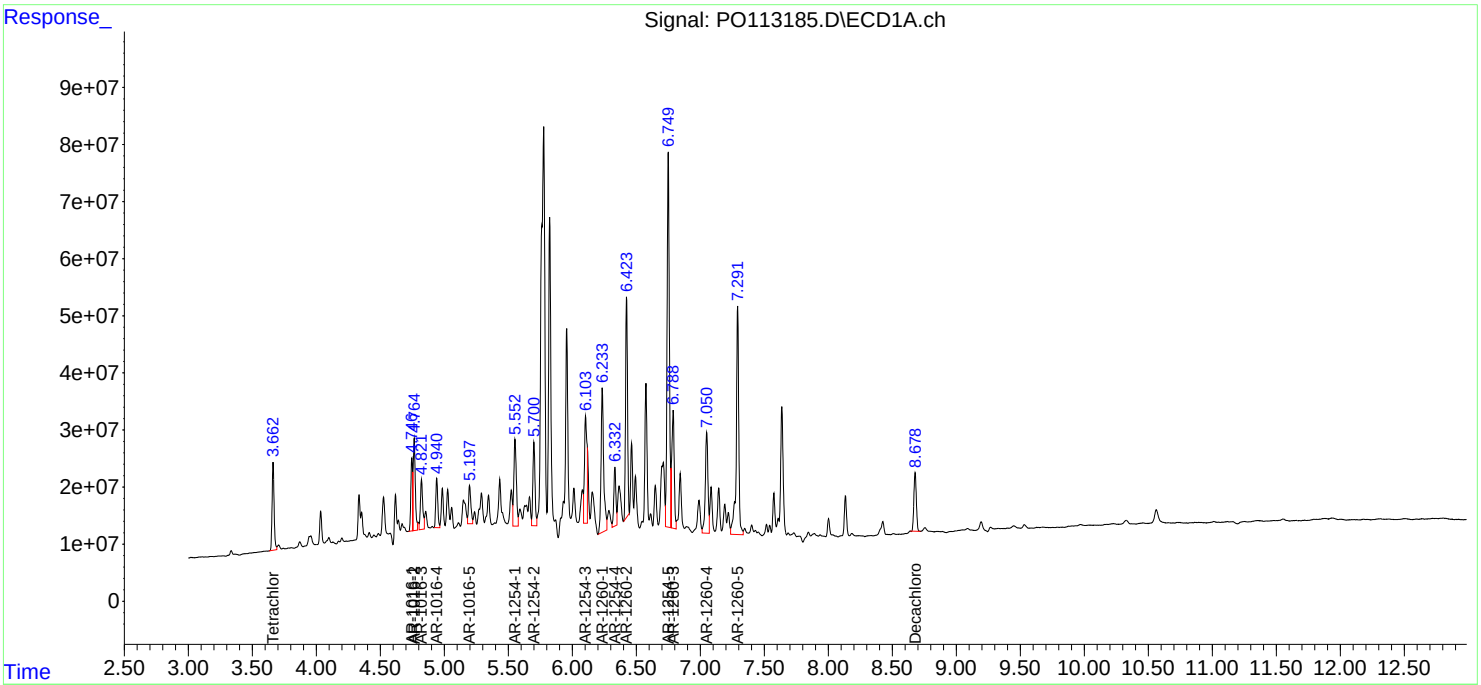
Quantitation Report (QT Reviewed)

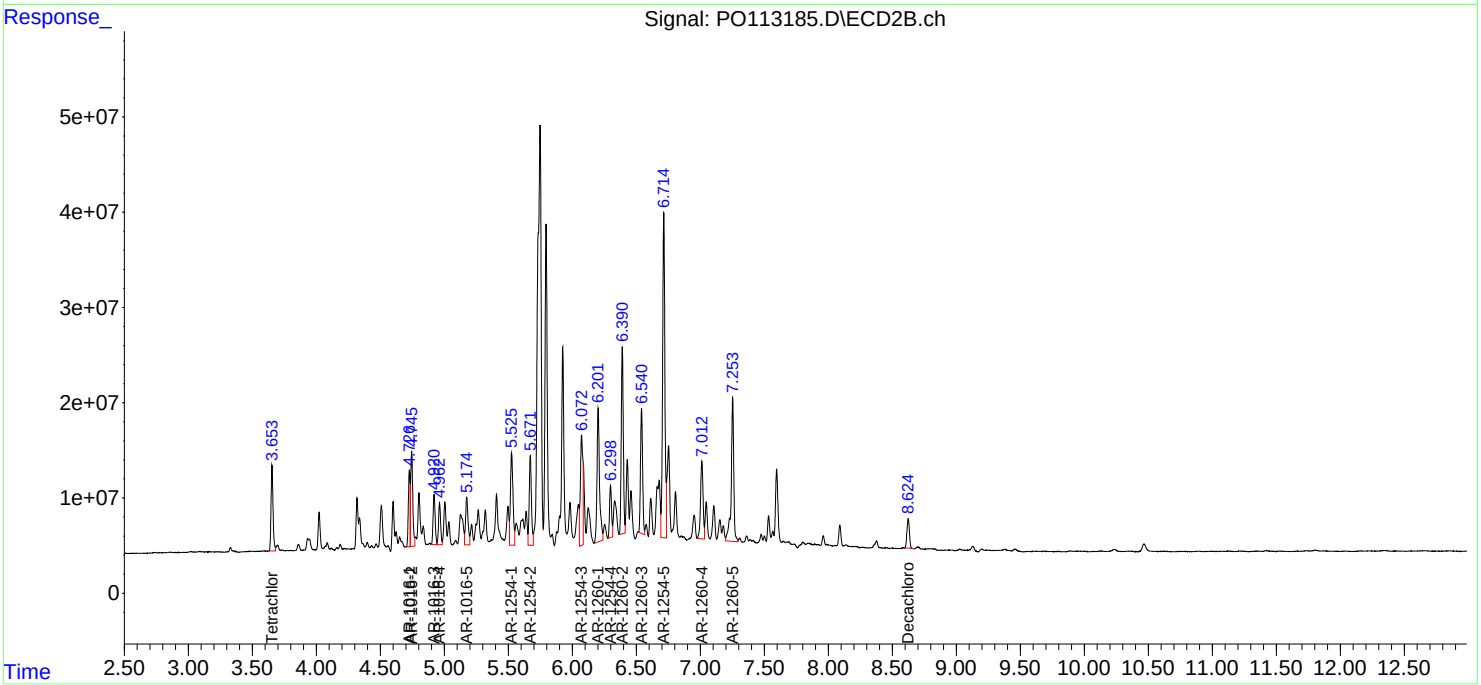
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:54
Operator : YP/AJ
Sample : Q2911-06MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K262-2CMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:04:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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





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:	08/19/25
Project:	SCA-K262	Date Received:	08/20/25
Client Sample ID:	K262-2CMSD	SDG No.:	Q2911
Lab Sample ID:	Q2911-06MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.9 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
PO113186.D	1	08/22/25 08:10	08/22/25 17:11	PB169353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	162		4.30	18.5	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.5	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.5	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.5	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.5	ug/kg
11097-69-1	Aroclor-1254	191		3.50	18.5	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.5	ug/kg
11096-82-5	Aroclor-1260	215		3.50	18.5	ug/kg
Total PCBs	Total PCBs	569		11.3	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.9		32 - 144	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	29.6		32 - 175	148%	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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:11
Operator : YP/AJ
Sample : Q2911-06MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K262-2CMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:04:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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...	3.660	3.654	179.6E6	105.6E6	21.937	20.863
2)	SA Decachlor...	8.676	8.623	187.1E6	55986983	26.988	29.547
	Target Compounds						
3)	L1 AR-1016-1	4.745	4.727	121.4E6	76862627	454.772	450.612
4)	L1 AR-1016-2	4.764	4.745	185.7E6	116.2E6	462.560	451.173
5)	L1 AR-1016-3	4.820	4.920	108.9E6	59977019	426.877	429.591
6)	L1 AR-1016-4	4.940	4.963	91531771	49337096	419.740	422.772
7)	L1 AR-1016-5	5.195	5.174	89479066	69360010	403.736m	486.634
26)	L6 AR-1254-1	5.550	5.526	188.1E6	135.5E6	348.298m	429.765
27)	L6 AR-1254-2	5.698	5.672	166.5E6	114.8E6	337.382m	409.471
28)	L6 AR-1254-3	6.102	6.072	221.9E6	142.7E6	300.257m	342.250m
29)	L6 AR-1254-4	6.330	6.299	114.5E6	61762572	205.593m	224.726
30)	L6 AR-1254-5	6.748	6.714	864.6E6	439.8E6	1233.469	1230.160
31)	L7 AR-1260-1	6.232	6.202	378.3E6	202.8E6	848.324	795.090
32)	L7 AR-1260-2	6.422	6.390	416.8E6	210.7E6	606.954	609.470
33)	L7 AR-1260-3	6.786	6.541	293.7E6	155.5E6	475.645	522.663m
34)	L7 AR-1260-4	7.049	7.012	257.1E6	112.7E6	574.006	543.832
35)	L7 AR-1260-5	7.290	7.253	561.7E6	185.3E6	463.945	395.608

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

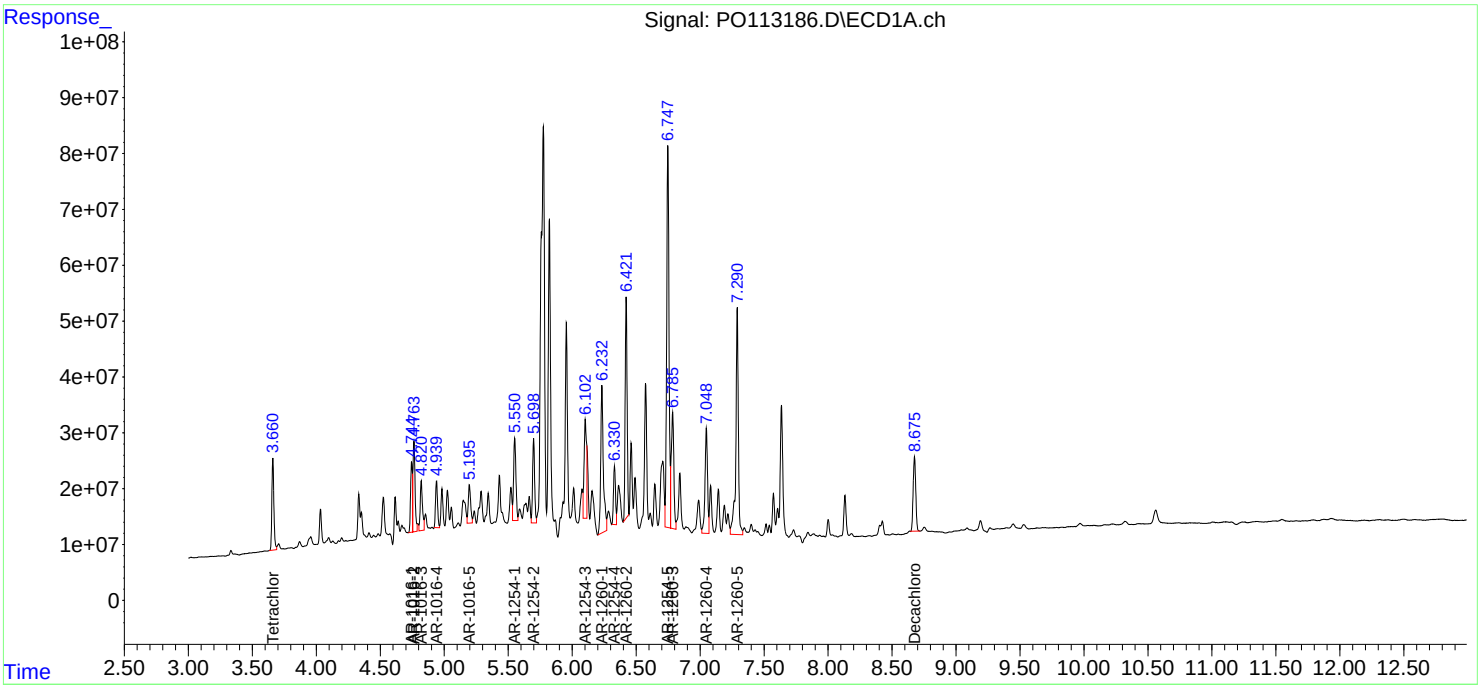
Quantitation Report (QT Reviewed)

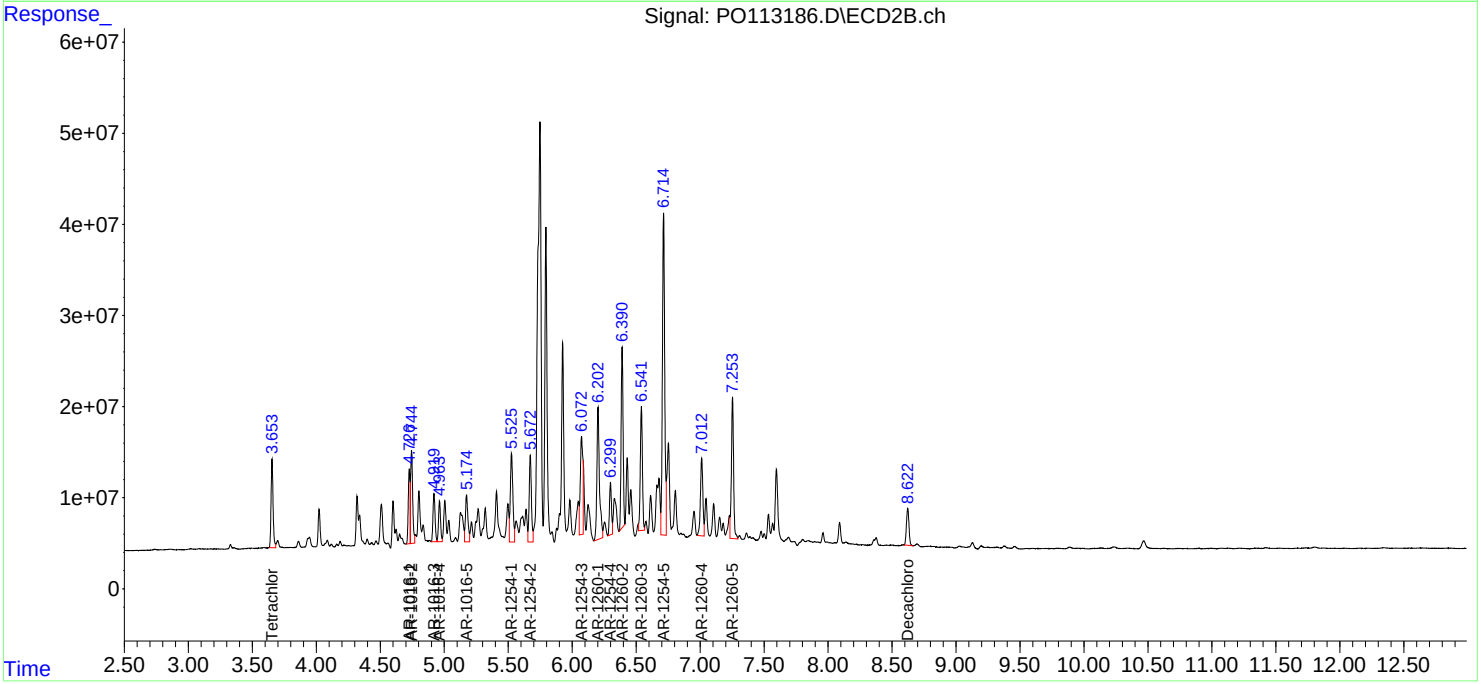
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082225\
Data File : PO113186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:11
Operator : YP/AJ
Sample : Q2911-06MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
K262-2CMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 02:04:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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





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

Manual Integration Report

Sequence:	PO081825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO113007.D	AR-1260-1	yogesh	8/19/2025 7:25:57 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1660ICC050	PO113007.D	AR-1260-2	yogesh	8/19/2025 7:25:57 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1660ICC050	PO113007.D	AR-1260-3 #2	yogesh	8/19/2025 7:25:57 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-1	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-1 #2	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-2	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-5	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1242ICC050	PO113014.D	AR-1242-5 #2	yogesh	8/19/2025 7:25:59 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1254ICC050	PO113024.D	AR-1254-1 #2	yogesh	8/19/2025 7:26:00 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1254ICC050	PO113024.D	AR-1254-2 #2	yogesh	8/19/2025 7:26:00 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1254ICC050	PO113024.D	AR-1254-3 #2	yogesh	8/19/2025 7:26:00 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1268ICC050	PO113030.D	AR-1268-5 #2	yogesh	8/19/2025 7:26:02 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software
AR1268ICV500	PO113035.D	AR-1268-5 #2	yogesh	8/19/2025 7:26:03 AM	mohammad	8/20/2025 3:04:50	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PO081825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	PO082225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2911-04	PO113177.D	Decachlorobiphenyl	yogesh	8/25/2025 11:09:13 AM			Peak Integrated by Software
Q2911-04	PO113177.D	Decachlorobiphenyl #2	yogesh	8/25/2025 11:09:13 AM			Peak Integrated by Software
Q2911-05	PO113183.D	Decachlorobiphenyl #2	yogesh	8/25/2025 11:08:27 AM			Peak Integrated by Software
Q2911-06	PO113184.D	AR-1254-1	yogesh	8/25/2025 11:08:29 AM			Peak Integrated by Software
Q2911-06	PO113184.D	AR-1254-2	yogesh	8/25/2025 11:08:29 AM			Peak Integrated by Software
Q2911-06	PO113184.D	AR-1254-3	yogesh	8/25/2025 11:08:29 AM			Peak Integrated by Software
Q2911-06	PO113184.D	AR-1254-4	yogesh	8/25/2025 11:08:29 AM			Peak Integrated by Software
Q2911-06	PO113184.D	Decachlorobiphenyl	yogesh	8/25/2025 11:08:29 AM			Peak Integrated by Software
Q2911-06	PO113184.D	Decachlorobiphenyl #2	yogesh	8/25/2025 11:08:29 AM			Peak Integrated by Software
Q2911-06MS	PO113185.D	AR-1016-5	yogesh	8/25/2025 11:08:31 AM			Peak Integrated by Software
Q2911-06MS	PO113185.D	AR-1254-1	yogesh	8/25/2025 11:08:31 AM			Peak Integrated by Software
Q2911-06MS	PO113185.D	AR-1254-2	yogesh	8/25/2025 11:08:31 AM			Peak Integrated by Software
Q2911-06MS	PO113185.D	AR-1254-3	yogesh	8/25/2025 11:08:31 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PO082225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2911-06MS	PO113185.D	AR-1254-3 #2	yogesh	8/25/2025 11:08:31 AM			Peak Integrated by Software
Q2911-06MS	PO113185.D	AR-1260-2 #2	yogesh	8/25/2025 11:08:31 AM			Peak Integrated by Software
Q2911-06MSD	PO113186.D	AR-1016-5	yogesh	8/25/2025 11:08:32 AM			Peak Integrated by Software
Q2911-06MSD	PO113186.D	AR-1254-1	yogesh	8/25/2025 11:08:32 AM			Peak Integrated by Software
Q2911-06MSD	PO113186.D	AR-1254-2	yogesh	8/25/2025 11:08:32 AM			Peak Integrated by Software
Q2911-06MSD	PO113186.D	AR-1254-3	yogesh	8/25/2025 11:08:32 AM			Peak Integrated by Software
Q2911-06MSD	PO113186.D	AR-1254-3 #2	yogesh	8/25/2025 11:08:32 AM			Peak Integrated by Software
Q2911-06MSD	PO113186.D	AR-1254-4	yogesh	8/25/2025 11:08:32 AM			Peak Integrated by Software
Q2911-06MSD	PO113186.D	AR-1260-3 #2	yogesh	8/25/2025 11:08:32 AM			Peak Integrated by Software
Q2911-08	PO113188.D	Decachlorobiphenyl #2	yogesh	8/25/2025 11:08:34 AM			Peak Integrated by Software
AR1242CCC500	PO113194.D	AR-1242-5	yogesh	8/25/2025 11:08:41 AM			Peak Integrated by Software
AR1248CCC500	PO113195.D	AR-1248-3	yogesh	8/25/2025 11:08:43 AM			Peak Integrated by Software
AR1248CCC500	PO113210.D	AR-1248-3	yogesh	8/25/2025 11:08:54 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PO082225	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:	PP081925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP074495.D	AR-1016-1	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1016-2	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1016-3	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1016-4	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-3	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-4	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-4 #2	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-5 #2	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1232ICC500	PP074497.D	AR-1232-4 #2	yogesh	8/20/2025 8:01:58 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC1000	PP074498.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:02 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC750	PP074499.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:03 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC500	PP074500.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:05 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC250	PP074501.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:08 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP074502.D	AR-1242-1	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-2	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-3	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-4	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-5	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC1000	PP074503.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:12 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC750	PP074504.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:14 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC500	PP074505.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:16 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC250	PP074506.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:18 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC050	PP074507.D	AR-1248-2	yogesh	8/20/2025 8:01:20 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC050	PP074507.D	AR-1248-5	yogesh	8/20/2025 8:01:20 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC050	PP074507.D	AR-1248-5 #2	yogesh	8/20/2025 8:01:20 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC1000	PP074508.D	AR-1254-1	yogesh	8/20/2025 8:01:25 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC1000	PP074508.D	AR-1254-5 #2	yogesh	8/20/2025 8:01:25 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC750	PP074509.D	AR-1254-1	yogesh	8/20/2025 8:01:23 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC750	PP074509.D	AR-1254-5 #2	yogesh	8/20/2025 8:01:23 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC500	PP074510.D	AR-1254-1	yogesh	8/20/2025 8:01:31 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC250	PP074511.D	AR-1254-1	yogesh	8/20/2025 8:01:33 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC050	PP074512.D	AR-1254-1	yogesh	8/20/2025 8:01:34 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC050	PP074512.D	AR-1254-3	yogesh	8/20/2025 8:01:34 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1268ICC050	PP074518.D	Tetrachloro-m-xylene #2	yogesh	8/20/2025 8:01:36 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICV500	PP074520.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:38 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICV500	PP074520.D	AR-1242-5 #2	yogesh	8/20/2025 8:01:38 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICV500	PP074521.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:40 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICV500	PP074522.D	AR-1254-1	yogesh	8/20/2025 8:01:41 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP081925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	pp082225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074563.D	AR-1242-4 #2	yogesh	8/25/2025 8:12:27 AM			Peak Integrated by Software
AR1248CCC500	PP074564.D	AR-1248-3 #2	yogesh	8/25/2025 8:12:30 AM			Peak Integrated by Software
AR1254CCC500	PP074565.D	AR-1254-1	yogesh	8/25/2025 8:12:32 AM			Peak Integrated by Software
PB169353BS	PP074574.D	AR-1260-4	yogesh	8/25/2025 8:12:36 AM			Peak Integrated by Software
Q2911-01	PP074575.D	AR-1254-3 #2	yogesh	8/25/2025 8:12:38 AM			Peak Integrated by Software
AR1242CCC500	PP074578.D	AR-1242-4 #2	yogesh	8/25/2025 8:12:41 AM			Peak Integrated by Software
AR1248CCC500	PP074579.D	AR-1248-3 #2	yogesh	8/25/2025 8:12:43 AM			Peak Integrated by Software
AR1254CCC500	PP074580.D	AR-1254-1	yogesh	8/25/2025 8:12:45 AM			Peak Integrated by Software
Q2911-13	PP074584.D	Decachlorobiphenyl	yogesh	8/25/2025 8:12:48 AM			Peak Integrated by Software
Q2911-14	PP074585.D	Decachlorobiphenyl	yogesh	8/25/2025 8:12:50 AM			Peak Integrated by Software
AR1242CCC500	PP074593.D	AR-1242-4 #2	yogesh	8/25/2025 8:12:54 AM			Peak Integrated by Software
AR1248CCC500	PP074594.D	AR-1248-3 #2	yogesh	8/25/2025 8:12:56 AM			Peak Integrated by Software
AR1254CCC500	PP074595.D	AR-1254-1	yogesh	8/25/2025 8:12:57 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	pp082225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074608.D	AR-1242-4 #2	yogesh	8/25/2025 8:13:08 AM			Peak Integrated by Software
AR1248CCC500	PP074609.D	AR-1248-3 #2	yogesh	8/25/2025 8:13:10 AM			Peak Integrated by Software
AR1254CCC500	PP074610.D	AR-1254-1	yogesh	8/25/2025 8:13:12 AM			Peak Integrated by Software
Q2911-01DL	PP074617.D	AR-1254-3 #2	yogesh	8/25/2025 8:13:17 AM			Peak Integrated by Software
AR1242CCC500	PP074620.D	AR-1242-4 #2	yogesh	8/25/2025 8:13:20 AM			Peak Integrated by Software
AR1248CCC500	PP074621.D	AR-1248-3 #2	yogesh	8/25/2025 8:13:23 AM			Peak Integrated by Software
AR1254CCC500	PP074622.D	AR-1254-1	yogesh	8/25/2025 8:13:25 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PP082525	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074626.D	AR-1242-2	yogesh	8/26/2025 8:53:20 AM			Peak Integrated by Software
AR1242CCC500	PP074626.D	AR-1242-4 #2	yogesh	8/26/2025 8:53:20 AM			Peak Integrated by Software
AR1248CCC500	PP074627.D	AR-1248-3 #2	yogesh	8/26/2025 8:53:21 AM			Peak Integrated by Software
AR1254CCC500	PP074628.D	AR-1254-1	yogesh	8/26/2025 8:53:23 AM			Peak Integrated by Software
AR1254CCC500	PP074628.D	AR-1254-1 #2	yogesh	8/26/2025 8:53:23 AM			Peak Integrated by Software
Q2911-10	PP074632.D	Decachlorobiphenyl	yogesh	8/26/2025 8:53:25 AM			Peak Integrated by Software
Q2911-11	PP074633.D	Decachlorobiphenyl	yogesh	8/26/2025 8:53:28 AM			Peak Integrated by Software
Q2911-11	PP074633.D	Tetrachloro-m-xylene	yogesh	8/26/2025 8:53:28 AM			Peak Integrated by Software
Q2911-12	PP074634.D	Decachlorobiphenyl	yogesh	8/26/2025 8:53:29 AM			Peak Integrated by Software
Q2911-12	PP074634.D	Tetrachloro-m-xylene	yogesh	8/26/2025 8:53:29 AM			Peak Integrated by Software
AR1242CCC500	PP074640.D	AR-1242-4 #2	yogesh	8/26/2025 8:53:34 AM			Peak Integrated by Software
AR1248CCC500	PP074641.D	AR-1248-3 #2	yogesh	8/26/2025 8:53:36 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PP082525	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

Review By	yogesh	Review On	8/18/2025 10:23:59 AM		
Supervise By	mohammad	Supervise On	8/20/2025 3:04:50 AM		
SubDirectory	PO081825	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829, PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844 ,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO113001.D	18 Aug 2025 09:16	YP/AJ	Ok
2	I.BLK	PO113002.D	18 Aug 2025 09:34	YP/AJ	Ok
3	AR1660ICC1000	PO113003.D	18 Aug 2025 09:53	YP/AJ	Ok
4	AR1660ICC750	PO113004.D	18 Aug 2025 10:11	YP/AJ	Ok
5	AR1660ICC500	PO113005.D	18 Aug 2025 10:29	YP/AJ	Ok
6	AR1660ICC250	PO113006.D	18 Aug 2025 10:48	YP/AJ	Ok
7	AR1660ICC050	PO113007.D	18 Aug 2025 11:06	YP/AJ	Ok,M
8	AR1221ICC500	PO113008.D	18 Aug 2025 11:25	YP/AJ	Ok
9	AR1232ICC500	PO113009.D	18 Aug 2025 11:43	YP/AJ	Ok
10	AR1242ICC1000	PO113010.D	18 Aug 2025 12:01	YP/AJ	Ok
11	AR1242ICC750	PO113011.D	18 Aug 2025 12:20	YP/AJ	Ok
12	AR1242ICC500	PO113012.D	18 Aug 2025 12:38	YP/AJ	Ok
13	AR1242ICC250	PO113013.D	18 Aug 2025 12:57	YP/AJ	Ok
14	AR1242ICC050	PO113014.D	18 Aug 2025 13:15	YP/AJ	Ok,M
15	AR1248ICC1000	PO113015.D	18 Aug 2025 13:34	YP/AJ	Ok
16	AR1248ICC750	PO113016.D	18 Aug 2025 13:52	YP/AJ	Ok
17	AR1248ICC500	PO113017.D	18 Aug 2025 14:09	YP/AJ	Ok
18	AR1248ICC250	PO113018.D	18 Aug 2025 14:28	YP/AJ	Ok
19	AR1248ICC050	PO113019.D	18 Aug 2025 14:46	YP/AJ	Ok
20	AR1254ICC1000	PO113020.D	18 Aug 2025 15:05	YP/AJ	Ok
21	AR1254ICC750	PO113021.D	18 Aug 2025 15:23	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

Review By	yogesh	Review On	8/18/2025 10:23:59 AM		
Supervise By	mohammad	Supervise On	8/20/2025 3:04:50 AM		
SubDirectory	PO081825	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829, PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844 ,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO113022.D	18 Aug 2025 15:41	YP/AJ	Ok
23	AR1254ICC250	PO113023.D	18 Aug 2025 16:00	YP/AJ	Ok
24	AR1254ICC050	PO113024.D	18 Aug 2025 16:18	YP/AJ	Ok,M
25	AR1262ICC500	PO113025.D	18 Aug 2025 16:54	YP/AJ	Ok
26	AR1268ICC1000	PO113026.D	18 Aug 2025 17:12	YP/AJ	Ok
27	AR1268ICC750	PO113027.D	18 Aug 2025 17:30	YP/AJ	Ok
28	AR1268ICC500	PO113028.D	18 Aug 2025 17:48	YP/AJ	Ok
29	AR1268ICC250	PO113029.D	18 Aug 2025 18:06	YP/AJ	Ok
30	AR1268ICC050	PO113030.D	18 Aug 2025 18:24	YP/AJ	Ok,M
31	PO081825ICV500	PO113031.D	18 Aug 2025 18:43	YP/AJ	Ok
32	AR1242ICV500	PO113032.D	18 Aug 2025 19:37	YP/AJ	Ok
33	AR1248ICV500	PO113033.D	18 Aug 2025 19:54	YP/AJ	Ok
34	AR1254ICV500	PO113034.D	18 Aug 2025 20:31	YP/AJ	Ok
35	AR1268ICV500	PO113035.D	18 Aug 2025 21:07	YP/AJ	Ok,M
36	DDT ANALOG	PO113036.D	18 Aug 2025 21:44	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO082225

Review By	yogesh	Review On	8/22/2025 9:59:34 AM		
Supervise By		Supervise On			
SubDirectory	PO082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO113162.D	22 Aug 2025 08:39	YP/AJ	Ok
2	AR1660CCC500	PO113163.D	22 Aug 2025 08:57	YP/AJ	Ok
3	AR1242CCC500	PO113164.D	22 Aug 2025 09:16	YP/AJ	Ok
4	AR1248CCC500	PO113165.D	22 Aug 2025 09:34	YP/AJ	Ok
5	AR1254CCC500	PO113166.D	22 Aug 2025 09:52	YP/AJ	Ok
6	I.BLK	PO113167.D	22 Aug 2025 10:11	YP/AJ	Ok
7	DDT ANALOG	PO113168.D	22 Aug 2025 10:29	YP/AJ	Ok
8	Q2914-13	PO113169.D	22 Aug 2025 10:46	YP/AJ	Ok
9	Q2914-13MS	PO113170.D	22 Aug 2025 11:05	YP/AJ	Ok,NS
10	Q2914-13MSD	PO113171.D	22 Aug 2025 11:23	YP/AJ	Ok,NS
11	Q2914-16	PO113172.D	22 Aug 2025 11:42	YP/AJ	Ok,NS
12	Q2914-16	PO113173.D	22 Aug 2025 12:00	YP/AJ	Not Ok
13	Q2914-19	PO113174.D	22 Aug 2025 12:18	YP/AJ	Ok,NS
14	Q2914-19	PO113175.D	22 Aug 2025 12:36	YP/AJ	Not Ok
15	Q2911-03	PO113176.D	22 Aug 2025 13:13	YP/AJ	Ok
16	Q2911-04	PO113177.D	22 Aug 2025 13:31	YP/AJ	Ok,NS
17	AR1660CCC500	PO113178.D	22 Aug 2025 14:45	YP/AJ	Ok
18	AR1242CCC500	PO113179.D	22 Aug 2025 15:03	YP/AJ	Ok
19	AR1248CCC500	PO113180.D	22 Aug 2025 15:22	YP/AJ	Ok
20	AR1254CCC500	PO113181.D	22 Aug 2025 15:40	YP/AJ	Ok
21	I.BLK	PO113182.D	22 Aug 2025 15:58	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO082225

Review By	yogesh	Review On	8/22/2025 9:59:34 AM		
Supervise By		Supervise On			
SubDirectory	PO082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2911-05	PO113183.D	22 Aug 2025 16:17	YP/AJ	Ok,NS
23	Q2911-06	PO113184.D	22 Aug 2025 16:35	YP/AJ	Ok,NS
24	Q2911-06MS	PO113185.D	22 Aug 2025 16:54	YP/AJ	Ok,NS
25	Q2911-06MSD	PO113186.D	22 Aug 2025 17:11	YP/AJ	Ok,NS
26	Q2911-07	PO113187.D	22 Aug 2025 17:29	YP/AJ	Ok
27	Q2911-08	PO113188.D	22 Aug 2025 17:48	YP/AJ	Ok,NS
28	Q2911-09	PO113189.D	22 Aug 2025 18:06	YP/AJ	ReRun
29	Q2911-10	PO113190.D	22 Aug 2025 18:25	YP/AJ	ReRun
30	Q2911-11	PO113191.D	22 Aug 2025 18:43	YP/AJ	ReRun
31	Q2911-12	PO113192.D	22 Aug 2025 19:02	YP/AJ	ReRun
32	AR1660CCC500	PO113193.D	22 Aug 2025 20:14	YP/AJ	Ok
33	AR1242CCC500	PO113194.D	22 Aug 2025 21:28	YP/AJ	Ok,NS
34	AR1248CCC500	PO113195.D	22 Aug 2025 21:46	YP/AJ	Ok,NS
35	AR1254CCC500	PO113196.D	22 Aug 2025 22:05	YP/AJ	Ok
36	I.BLK	PO113197.D	22 Aug 2025 22:23	YP/AJ	Ok
37	Q2932-03	PO113198.D	22 Aug 2025 22:41	YP/AJ	Ok,NS
38	Q2932-05	PO113199.D	22 Aug 2025 23:00	YP/AJ	Ok,NS
39	Q2933-02	PO113200.D	22 Aug 2025 23:18	YP/AJ	Ok
40	Q2933-04	PO113201.D	22 Aug 2025 23:36	YP/AJ	Ok
41	Q2906-01	PO113202.D	22 Aug 2025 23:55	YP/AJ	Ok,NS
42	Q2909-03	PO113203.D	23 Aug 2025 00:13	YP/AJ	Ok,NS
43	Q2909-04	PO113204.D	23 Aug 2025 00:31	YP/AJ	Ok,NS
44	Q2927-01	PO113205.D	23 Aug 2025 00:49	YP/AJ	Ok,NS

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO082225

Review By	yogesh	Review On	8/22/2025 9:59:34 AM		
Supervise By		Supervise On			
SubDirectory	PO082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2934-01	PO113206.D	23 Aug 2025 01:06	YP/AJ	Ok
46	Q2934-02	PO113207.D	23 Aug 2025 01:25	YP/AJ	Ok
47	AR1660CCC500	PO113208.D	23 Aug 2025 02:39	YP/AJ	Ok
48	AR1242CCC500	PO113209.D	23 Aug 2025 03:34	YP/AJ	Ok
49	AR1248CCC500	PO113210.D	23 Aug 2025 03:52	YP/AJ	Ok,NS
50	AR1254CCC500	PO113211.D	23 Aug 2025 04:11	YP/AJ	Ok
51	I.BLK	PO113212.D	23 Aug 2025 04:29	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM		
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM		
SubDirectory	PP081925	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829, PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844 ,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074489.D	19 Aug 2025 09:30	YP\AJ	Ok
2	I.BLK	PP074490.D	19 Aug 2025 09:46	YP\AJ	Ok
3	AR1660ICC1000	PP074491.D	19 Aug 2025 10:02	YP\AJ	Ok
4	AR1660ICC750	PP074492.D	19 Aug 2025 10:18	YP\AJ	Ok
5	AR1660ICC500	PP074493.D	19 Aug 2025 10:34	YP\AJ	Ok
6	AR1660ICC250	PP074494.D	19 Aug 2025 10:51	YP\AJ	Ok
7	AR1660ICC050	PP074495.D	19 Aug 2025 11:07	YP\AJ	Ok,M
8	AR1221ICC500	PP074496.D	19 Aug 2025 11:23	YP\AJ	Ok
9	AR1232ICC500	PP074497.D	19 Aug 2025 11:39	YP\AJ	Ok,M
10	AR1242ICC1000	PP074498.D	19 Aug 2025 11:55	YP\AJ	Ok,M
11	AR1242ICC750	PP074499.D	19 Aug 2025 12:12	YP\AJ	Ok,M
12	AR1242ICC500	PP074500.D	19 Aug 2025 12:28	YP\AJ	Ok,M
13	AR1242ICC250	PP074501.D	19 Aug 2025 12:44	YP\AJ	Ok,M
14	AR1242ICC050	PP074502.D	19 Aug 2025 13:00	YP\AJ	Ok,M
15	AR1248ICC1000	PP074503.D	19 Aug 2025 13:16	YP\AJ	Ok,M
16	AR1248ICC750	PP074504.D	19 Aug 2025 13:33	YP\AJ	Ok,M
17	AR1248ICC500	PP074505.D	19 Aug 2025 13:49	YP\AJ	Ok,M
18	AR1248ICC250	PP074506.D	19 Aug 2025 14:05	YP\AJ	Ok,M
19	AR1248ICC050	PP074507.D	19 Aug 2025 14:21	YP\AJ	Ok,M
20	AR1254ICC1000	PP074508.D	19 Aug 2025 14:37	YP\AJ	Ok,M
21	AR1254ICC750	PP074509.D	19 Aug 2025 14:53	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM		
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM		
SubDirectory	PP081925	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829, PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844 ,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP074510.D	19 Aug 2025 15:10	YP\AJ	Ok,M
23	AR1254ICC250	PP074511.D	19 Aug 2025 15:42	YP\AJ	Ok,M
24	AR1254ICC050	PP074512.D	19 Aug 2025 15:58	YP\AJ	Ok,M
25	AR1262ICC500	PP074513.D	19 Aug 2025 16:14	YP\AJ	Ok
26	AR1268ICC1000	PP074514.D	19 Aug 2025 16:31	YP\AJ	Ok
27	AR1268ICC750	PP074515.D	19 Aug 2025 16:47	YP\AJ	Ok
28	AR1268ICC500	PP074516.D	19 Aug 2025 17:03	YP\AJ	Ok
29	AR1268ICC250	PP074517.D	19 Aug 2025 17:19	YP\AJ	Ok
30	AR1268ICC050	PP074518.D	19 Aug 2025 17:36	YP\AJ	Ok,M
31	PP081925ICV500	PP074519.D	19 Aug 2025 17:52	YP\AJ	Ok
32	AR1242ICV500	PP074520.D	19 Aug 2025 19:13	YP\AJ	Ok,M
33	AR1248ICV500	PP074521.D	19 Aug 2025 19:29	YP\AJ	Ok,M
34	AR1254ICV500	PP074522.D	19 Aug 2025 20:18	YP\AJ	Ok,M
35	AR1268ICV500	PP074523.D	19 Aug 2025 21:07	YP\AJ	Ok
36	DDT ANALOG	PP074524.D	19 Aug 2025 21:55	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082225

Review By	yogesh	Review On	8/22/2025 9:50:46 AM		
Supervise By		Supervise On			
SubDirectory	PP082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074561.D	22 Aug 2025 08:34	YP\AJ	Ok
2	AR1660CCC500	PP074562.D	22 Aug 2025 08:50	YP\AJ	Ok
3	AR1242CCC500	PP074563.D	22 Aug 2025 09:06	YP\AJ	Ok,NS
4	AR1248CCC500	PP074564.D	22 Aug 2025 09:23	YP\AJ	Ok,NS
5	AR1254CCC500	PP074565.D	22 Aug 2025 09:39	YP\AJ	Ok,NS
6	I.BLK	PP074566.D	22 Aug 2025 09:55	YP\AJ	Ok
7	DDT ANALOG	PP074567.D	22 Aug 2025 10:11	YP\AJ	Ok
8	Q2922-11DL	PP074568.D	22 Aug 2025 10:28	YP\AJ	Ok,NS
9	Q2922-14DL	PP074569.D	22 Aug 2025 10:44	YP\AJ	Ok
10	Q2922-17DL	PP074570.D	22 Aug 2025 11:00	YP\AJ	Ok
11	Q2922-20DL	PP074571.D	22 Aug 2025 11:16	YP\AJ	Ok,NS
12	Q2923-12DL	PP074572.D	22 Aug 2025 11:32	YP\AJ	Ok
13	PB169353BL	PP074573.D	22 Aug 2025 12:21	YP\AJ	Ok
14	PB169353BS	PP074574.D	22 Aug 2025 12:37	YP\AJ	Ok,NS
15	Q2911-01	PP074575.D	22 Aug 2025 12:53	YP\AJ	Dilution
16	Q2911-02	PP074576.D	22 Aug 2025 13:10	YP\AJ	Dilution
17	AR1660CCC500	PP074577.D	22 Aug 2025 14:14	YP\AJ	Ok
18	AR1242CCC500	PP074578.D	22 Aug 2025 14:31	YP\AJ	Ok,NS
19	AR1248CCC500	PP074579.D	22 Aug 2025 14:47	YP\AJ	Ok,NS
20	AR1254CCC500	PP074580.D	22 Aug 2025 15:03	YP\AJ	Ok,NS
21	I.BLK	PP074581.D	22 Aug 2025 15:19	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082225

Review By	yogesh	Review On	8/22/2025 9:50:46 AM		
Supervise By		Supervise On			
SubDirectory	PP082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB169359BL	PP074582.D	22 Aug 2025 15:36	YP\AJ	Ok
23	PB169359BS	PP074583.D	22 Aug 2025 15:52	YP\AJ	Ok,NS
24	Q2911-13	PP074584.D	22 Aug 2025 16:08	YP\AJ	Ok,NS
25	Q2911-14	PP074585.D	22 Aug 2025 16:24	YP\AJ	Ok,NS
26	Q2911-15	PP074586.D	22 Aug 2025 16:41	YP\AJ	Ok
27	Q2911-16	PP074587.D	22 Aug 2025 16:57	YP\AJ	Dilution
28	Q2911-17	PP074588.D	22 Aug 2025 17:13	YP\AJ	Ok
29	Q2911-18	PP074589.D	22 Aug 2025 17:30	YP\AJ	Ok
30	Q2923-16	PP074590.D	22 Aug 2025 17:46	YP\AJ	Ok,NS
31	Q2909-01	PP074591.D	22 Aug 2025 18:02	YP\AJ	Ok
32	AR1660CCC500	PP074592.D	22 Aug 2025 19:07	YP\AJ	Ok
33	AR1242CCC500	PP074593.D	22 Aug 2025 19:56	YP\AJ	Ok,NS
34	AR1248CCC500	PP074594.D	22 Aug 2025 20:12	YP\AJ	Ok,NS
35	AR1254CCC500	PP074595.D	22 Aug 2025 20:29	YP\AJ	Ok,NS
36	I.BLK	PP074596.D	22 Aug 2025 20:45	YP\AJ	Ok
37	Q2915-01	PP074597.D	22 Aug 2025 21:01	YP\AJ	Ok
38	Q2915-03	PP074598.D	22 Aug 2025 21:17	YP\AJ	Ok
39	Q2915-03MS	PP074599.D	22 Aug 2025 21:34	YP\AJ	Ok,NS
40	Q2915-03MSD	PP074600.D	22 Aug 2025 21:50	YP\AJ	Ok,NS
41	Q2916-01	PP074601.D	22 Aug 2025 22:06	YP\AJ	Ok
42	Q2917-01	PP074602.D	22 Aug 2025 22:23	YP\AJ	Ok
43	Q2919-01	PP074603.D	22 Aug 2025 22:39	YP\AJ	Ok,NS
44	Q2926-01	PP074604.D	22 Aug 2025 22:55	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082225

Review By	yogesh	Review On	8/22/2025 9:50:46 AM		
Supervise By		Supervise On			
SubDirectory	PP082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2928-01	PP074605.D	22 Aug 2025 23:11	YP\AJ	Ok
46	Q2932-01	PP074606.D	22 Aug 2025 23:28	YP\AJ	Ok
47	AR1660CCC500	PP074607.D	23 Aug 2025 01:22	YP\AJ	Ok
48	AR1242CCC500	PP074608.D	23 Aug 2025 01:38	YP\AJ	Ok,NS
49	AR1248CCC500	PP074609.D	23 Aug 2025 01:54	YP\AJ	Ok,NS
50	AR1254CCC500	PP074610.D	23 Aug 2025 02:10	YP\AJ	Ok,NS
51	I.BLK	PP074611.D	23 Aug 2025 02:27	YP\AJ	Ok
52	PB169361BL	PP074612.D	23 Aug 2025 02:43	YP\AJ	Ok
53	PB169361BS	PP074613.D	23 Aug 2025 02:59	YP\AJ	Ok,NS
54	PB169361BSD	PP074614.D	23 Aug 2025 03:16	YP\AJ	Ok
55	Q2934-03	PP074615.D	23 Aug 2025 03:32	YP\AJ	Ok,NS
56	Q2934-04	PP074616.D	23 Aug 2025 03:48	YP\AJ	Ok,NS
57	Q2911-01DL	PP074617.D	23 Aug 2025 04:04	YP\AJ	Ok,NS
58	Q2911-02DL	PP074618.D	23 Aug 2025 04:21	YP\AJ	Ok
59	AR1660CCC500	PP074619.D	23 Aug 2025 05:26	YP\AJ	Ok
60	AR1242CCC500	PP074620.D	23 Aug 2025 06:31	YP\AJ	Ok,NS
61	AR1248CCC500	PP074621.D	23 Aug 2025 06:47	YP\AJ	Ok,NS
62	AR1254CCC500	PP074622.D	23 Aug 2025 07:03	YP\AJ	Ok,NS
63	I.BLK	PP074623.D	23 Aug 2025 07:20	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082525

Review By	yogesh	Review On	8/25/2025 11:17:28 AM		
Supervise By		Supervise On			
SubDirectory	PP082525	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074624.D	25 Aug 2025 09:11	YP\AJ	Ok
2	AR1660CCC500	PP074625.D	25 Aug 2025 09:27	YP\AJ	Ok
3	AR1242CCC500	PP074626.D	25 Aug 2025 09:54	YP\AJ	Ok,NS
4	AR1248CCC500	PP074627.D	25 Aug 2025 10:10	YP\AJ	Ok,NS
5	AR1254CCC500	PP074628.D	25 Aug 2025 10:26	YP\AJ	Ok,NS
6	I.BLK	PP074629.D	25 Aug 2025 10:43	YP\AJ	Ok
7	DDT ANALOG	PP074630.D	25 Aug 2025 10:59	YP\AJ	Ok
8	Q2911-09	PP074631.D	25 Aug 2025 11:15	YP\AJ	Ok
9	Q2911-10	PP074632.D	25 Aug 2025 11:32	YP\AJ	Ok,NS
10	Q2911-11	PP074633.D	25 Aug 2025 11:48	YP\AJ	Ok,NS
11	Q2911-12	PP074634.D	25 Aug 2025 12:04	YP\AJ	Ok,NS
12	Q2911-16DL	PP074635.D	25 Aug 2025 12:20	YP\AJ	Ok
13	Q2948-04	PP074636.D	25 Aug 2025 13:19	YP\AJ	Ok
14	Q2948-05	PP074637.D	25 Aug 2025 13:35	YP\AJ	Ok,NS
15	Q2948-06	PP074638.D	25 Aug 2025 13:51	YP\AJ	Ok,NS
16	AR1660CCC500	PP074639.D	25 Aug 2025 15:14	YP\AJ	Ok
17	AR1242CCC500	PP074640.D	25 Aug 2025 15:30	YP\AJ	Ok,NS
18	AR1248CCC500	PP074641.D	25 Aug 2025 15:46	YP\AJ	Ok,NS
19	AR1254CCC500	PP074642.D	25 Aug 2025 16:02	YP\AJ	Ok
20	I.BLK	PP074643.D	25 Aug 2025 16:19	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 # PO081825

Review By	yogesh	Review On	8/18/2025 10:23:59 AM		
Supervise By	mohammad	Supervise On	8/20/2025 3:04:50 AM		
SubDirectory	PO081825	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO113001.D	18 Aug 2025 09:16		YP/AJ	Ok
2	I.BLK	I.BLK	PO113002.D	18 Aug 2025 09:34		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO113003.D	18 Aug 2025 09:53		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO113004.D	18 Aug 2025 10:11		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO113005.D	18 Aug 2025 10:29		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO113006.D	18 Aug 2025 10:48		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO113007.D	18 Aug 2025 11:06		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO113008.D	18 Aug 2025 11:25		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO113009.D	18 Aug 2025 11:43		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO113010.D	18 Aug 2025 12:01		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO113011.D	18 Aug 2025 12:20		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO113012.D	18 Aug 2025 12:38		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO113013.D	18 Aug 2025 12:57		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO113014.D	18 Aug 2025 13:15		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO113015.D	18 Aug 2025 13:34		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO113016.D	18 Aug 2025 13:52		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO113017.D	18 Aug 2025 14:09		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO113018.D	18 Aug 2025 14:28		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

Review By	yogesh	Review On	8/18/2025 10:23:59 AM		
Supervise By	mohammad	Supervise On	8/20/2025 3:04:50 AM		
SubDirectory	PO081825	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO113019.D	18 Aug 2025 14:46		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO113020.D	18 Aug 2025 15:05		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO113021.D	18 Aug 2025 15:23		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO113022.D	18 Aug 2025 15:41		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO113023.D	18 Aug 2025 16:00		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO113024.D	18 Aug 2025 16:18		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO113025.D	18 Aug 2025 16:54		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO113026.D	18 Aug 2025 17:12		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO113027.D	18 Aug 2025 17:30		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO113028.D	18 Aug 2025 17:48		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO113029.D	18 Aug 2025 18:06		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO113030.D	18 Aug 2025 18:24		YP/AJ	Ok,M
31	PO081825ICV500	ICVPO081825	PO113031.D	18 Aug 2025 18:43		YP/AJ	Ok
32	AR1242ICV500	ICVPO081825AR1242	PO113032.D	18 Aug 2025 19:37		YP/AJ	Ok
33	AR1248ICV500	ICVPO081825AR1248	PO113033.D	18 Aug 2025 19:54		YP/AJ	Ok
34	AR1254ICV500	ICVPO081825AR1254	PO113034.D	18 Aug 2025 20:31		YP/AJ	Ok
35	AR1268ICV500	ICVPO081825AR1268	PO113035.D	18 Aug 2025 21:07		YP/AJ	Ok,M
36	DDT ANALOG	DDT ANALOG	PO113036.D	18 Aug 2025 21:44		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO082225

Review By	yogesh	Review On	8/22/2025 9:59:34 AM		
Supervise By		Supervise On			
SubDirectory	PO082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO113162.D	22 Aug 2025 08:39		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO113163.D	22 Aug 2025 08:57		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO113164.D	22 Aug 2025 09:16		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO113165.D	22 Aug 2025 09:34		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO113166.D	22 Aug 2025 09:52		YP/AJ	Ok
6	I.BLK	I.BLK	PO113167.D	22 Aug 2025 10:11		YP/AJ	Ok
7	DDT ANALOG	DDT ANALOG	PO113168.D	22 Aug 2025 10:29		YP/AJ	Ok
8	Q2914-13	K262-13A	PO113169.D	22 Aug 2025 10:46		YP/AJ	Ok
9	Q2914-13MS	K262-13AMS	PO113170.D	22 Aug 2025 11:05		YP/AJ	Ok,NS
10	Q2914-13MSD	K262-13AMSD	PO113171.D	22 Aug 2025 11:23		YP/AJ	Ok,NS
11	Q2914-16	K262-14A	PO113172.D	22 Aug 2025 11:42		YP/AJ	Ok,NS
12	Q2914-16	K262-14A	PO113173.D	22 Aug 2025 12:00	not required	YP/AJ	Not Ok
13	Q2914-19	K262-15A	PO113174.D	22 Aug 2025 12:18	DCB HIGH in second column	YP/AJ	Ok,NS
14	Q2914-19	K262-15A	PO113175.D	22 Aug 2025 12:36	not required	YP/AJ	Not Ok
15	Q2911-03	K262-1C	PO113176.D	22 Aug 2025 13:13		YP/AJ	Ok
16	Q2911-04	K262-2A	PO113177.D	22 Aug 2025 13:31		YP/AJ	Ok,NS
17	AR1660CCC500	AR1660CCC500	PO113178.D	22 Aug 2025 14:45		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO113179.D	22 Aug 2025 15:03		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO082225

Review By	yogesh	Review On	8/22/2025 9:59:34 AM		
Supervise By		Supervise On			
SubDirectory	PO082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PO113180.D	22 Aug 2025 15:22		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO113181.D	22 Aug 2025 15:40		YP/AJ	Ok
21	I.BLK	I.BLK	PO113182.D	22 Aug 2025 15:58		YP/AJ	Ok
22	Q2911-05	K262-2B	PO113183.D	22 Aug 2025 16:17		YP/AJ	Ok,NS
23	Q2911-06	K262-2C	PO113184.D	22 Aug 2025 16:35	AR1254 hit	YP/AJ	Ok,NS
24	Q2911-06MS	K262-2CMS	PO113185.D	22 Aug 2025 16:54		YP/AJ	Ok,NS
25	Q2911-06MSD	K262-2CMSD	PO113186.D	22 Aug 2025 17:11		YP/AJ	Ok,NS
26	Q2911-07	K262-3A	PO113187.D	22 Aug 2025 17:29		YP/AJ	Ok
27	Q2911-08	K262-3B	PO113188.D	22 Aug 2025 17:48		YP/AJ	Ok,NS
28	Q2911-09	K262-3C	PO113189.D	22 Aug 2025 18:06	DCB high in both column	YP/AJ	ReRun
29	Q2911-10	K262-4A	PO113190.D	22 Aug 2025 18:25	DCB high in both column	YP/AJ	ReRun
30	Q2911-11	K262-4B	PO113191.D	22 Aug 2025 18:43	DCB high in both column	YP/AJ	ReRun
31	Q2911-12	K262-4C	PO113192.D	22 Aug 2025 19:02	DCB high in both column	YP/AJ	ReRun
32	AR1660CCC500	AR1660CCC500	PO113193.D	22 Aug 2025 20:14		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO113194.D	22 Aug 2025 21:28		YP/AJ	Ok,NS
34	AR1248CCC500	AR1248CCC500	PO113195.D	22 Aug 2025 21:46		YP/AJ	Ok,NS
35	AR1254CCC500	AR1254CCC500	PO113196.D	22 Aug 2025 22:05		YP/AJ	Ok
36	I.BLK	I.BLK	PO113197.D	22 Aug 2025 22:23		YP/AJ	Ok
37	Q2932-03	ARS20-0002-SOIL	PO113198.D	22 Aug 2025 22:41	AR1254 hit	YP/AJ	Ok,NS

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO082225

Review By	yogesh	Review On	8/22/2025 9:59:34 AM		
Supervise By		Supervise On			
SubDirectory	PO082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2932-05	ARS20-0002-CONCRE	PO113199.D	22 Aug 2025 23:00	AR1254 hit	YP/AJ	Ok,NS
39	Q2933-02	25-SEPTIC	PO113200.D	22 Aug 2025 23:18		YP/AJ	Ok
40	Q2933-04	29-SEPTIC	PO113201.D	22 Aug 2025 23:36		YP/AJ	Ok
41	Q2906-01	3409	PO113202.D	22 Aug 2025 23:55	AR1260 hit	YP/AJ	Ok,NS
42	Q2909-03	4066	PO113203.D	23 Aug 2025 00:13		YP/AJ	Ok,NS
43	Q2909-04	4067	PO113204.D	23 Aug 2025 00:31		YP/AJ	Ok,NS
44	Q2927-01	A6121M	PO113205.D	23 Aug 2025 00:49		YP/AJ	Ok,NS
45	Q2934-01	ENV-SW01	PO113206.D	23 Aug 2025 01:06		YP/AJ	Ok
46	Q2934-02	ENV-SW02	PO113207.D	23 Aug 2025 01:25		YP/AJ	Ok
47	AR1660CCC500	AR1660CCC500	PO113208.D	23 Aug 2025 02:39		YP/AJ	Ok
48	AR1242CCC500	AR1242CCC500	PO113209.D	23 Aug 2025 03:34		YP/AJ	Ok
49	AR1248CCC500	AR1248CCC500	PO113210.D	23 Aug 2025 03:52		YP/AJ	Ok,NS
50	AR1254CCC500	AR1254CCC500	PO113211.D	23 Aug 2025 04:11		YP/AJ	Ok
51	I.BLK	I.BLK	PO113212.D	23 Aug 2025 04:29		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM		
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM		
SubDirectory	PP081925	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074489.D	19 Aug 2025 09:30		YP\AJ	Ok
2	I.BLK	I.BLK	PP074490.D	19 Aug 2025 09:46		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP074491.D	19 Aug 2025 10:02		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP074492.D	19 Aug 2025 10:18		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP074493.D	19 Aug 2025 10:34		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP074494.D	19 Aug 2025 10:51		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP074495.D	19 Aug 2025 11:07		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP074496.D	19 Aug 2025 11:23		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP074497.D	19 Aug 2025 11:39		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP074498.D	19 Aug 2025 11:55		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP074499.D	19 Aug 2025 12:12		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP074500.D	19 Aug 2025 12:28		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP074501.D	19 Aug 2025 12:44		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP074502.D	19 Aug 2025 13:00		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP074503.D	19 Aug 2025 13:16		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP074504.D	19 Aug 2025 13:33		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP074505.D	19 Aug 2025 13:49		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP074506.D	19 Aug 2025 14:05		YP\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM		
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM		
SubDirectory	PP081925	HP Acquire Method		HP Processing Method	PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP074507.D	19 Aug 2025 14:21		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP074508.D	19 Aug 2025 14:37		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP074509.D	19 Aug 2025 14:53		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP074510.D	19 Aug 2025 15:10		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP074511.D	19 Aug 2025 15:42		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP074512.D	19 Aug 2025 15:58		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP074513.D	19 Aug 2025 16:14		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP074514.D	19 Aug 2025 16:31		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP074515.D	19 Aug 2025 16:47		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP074516.D	19 Aug 2025 17:03		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP074517.D	19 Aug 2025 17:19		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP074518.D	19 Aug 2025 17:36		YP\AJ	Ok,M
31	PP081925ICV500	ICVPP081925	PP074519.D	19 Aug 2025 17:52		YP\AJ	Ok
32	AR1242ICV500	ICVPP081925AR1242	PP074520.D	19 Aug 2025 19:13		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP081925AR1248	PP074521.D	19 Aug 2025 19:29		YP\AJ	Ok,M
34	AR1254ICV500	ICVPP081925AR1254	PP074522.D	19 Aug 2025 20:18		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP081925AR1268	PP074523.D	19 Aug 2025 21:07		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PP074524.D	19 Aug 2025 21:55		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082225

Review By	yogesh	Review On	8/22/2025 9:50:46 AM		
Supervise By		Supervise On			
SubDirectory	PP082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074561.D	22 Aug 2025 08:34		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074562.D	22 Aug 2025 08:50		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP074563.D	22 Aug 2025 09:06		YP\AJ	Ok,NS
4	AR1248CCC500	AR1248CCC500	PP074564.D	22 Aug 2025 09:23		YP\AJ	Ok,NS
5	AR1254CCC500	AR1254CCC500	PP074565.D	22 Aug 2025 09:39		YP\AJ	Ok,NS
6	I.BLK	I.BLK	PP074566.D	22 Aug 2025 09:55		YP\AJ	Ok
7	DDT ANALOG	DDT ANALOG	PP074567.D	22 Aug 2025 10:11		YP\AJ	Ok
8	Q2922-11DL	K262-19ADL	PP074568.D	22 Aug 2025 10:28	AR1254 Hit	YP\AJ	Ok,NS
9	Q2922-14DL	K262-20ADL	PP074569.D	22 Aug 2025 10:44	AR1254 Hit	YP\AJ	Ok
10	Q2922-17DL	K262-21ADL	PP074570.D	22 Aug 2025 11:00	AR1254 Hit	YP\AJ	Ok
11	Q2922-20DL	K262-22ADL	PP074571.D	22 Aug 2025 11:16	AR1254 Hit	YP\AJ	Ok,NS
12	Q2923-12DL	K262-DUP4DL	PP074572.D	22 Aug 2025 11:32	AR1254 Hit	YP\AJ	Ok
13	PB169353BL	PB169353BL	PP074573.D	22 Aug 2025 12:21		YP\AJ	Ok
14	PB169353BS	PB169353BS	PP074574.D	22 Aug 2025 12:37		YP\AJ	Ok,NS
15	Q2911-01	K262-1A	PP074575.D	22 Aug 2025 12:53	AR1254 Hit , Need 2x dilution	YP\AJ	Dilution
16	Q2911-02	K262-1B	PP074576.D	22 Aug 2025 13:10	AR1254 Hit , Need 2x dilution	YP\AJ	Dilution
17	AR1660CCC500	AR1660CCC500	PP074577.D	22 Aug 2025 14:14		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP074578.D	22 Aug 2025 14:31		YP\AJ	Ok,NS

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082225

Review By	yogesh	Review On	8/22/2025 9:50:46 AM		
Supervise By		Supervise On			
SubDirectory	PP082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP074579.D	22 Aug 2025 14:47		YP\AJ	Ok,NS
20	AR1254CCC500	AR1254CCC500	PP074580.D	22 Aug 2025 15:03		YP\AJ	Ok,NS
21	I.BLK	I.BLK	PP074581.D	22 Aug 2025 15:19		YP\AJ	Ok
22	PB169359BL	PB169359BL	PP074582.D	22 Aug 2025 15:36		YP\AJ	Ok
23	PB169359BS	PB169359BS	PP074583.D	22 Aug 2025 15:52		YP\AJ	Ok,NS
24	Q2911-13	K262-5A	PP074584.D	22 Aug 2025 16:08	DCB high in 2nd column	YP\AJ	Ok,NS
25	Q2911-14	K262-5B	PP074585.D	22 Aug 2025 16:24	DCB high in 2nd column	YP\AJ	Ok,NS
26	Q2911-15	K262-5C	PP074586.D	22 Aug 2025 16:41	DCB high in 2nd column	YP\AJ	Ok
27	Q2911-16	K262-6C	PP074587.D	22 Aug 2025 16:57	AR1254 Hit , Need 2x dilution	YP\AJ	Dilution
28	Q2911-17	K262-7C	PP074588.D	22 Aug 2025 17:13	AR1254 Hit	YP\AJ	Ok
29	Q2911-18	K262-8A	PP074589.D	22 Aug 2025 17:30		YP\AJ	Ok
30	Q2923-16	K262-DUP8	PP074590.D	22 Aug 2025 17:46	AR1254 Hit	YP\AJ	Ok,NS
31	Q2909-01	4065	PP074591.D	22 Aug 2025 18:02		YP\AJ	Ok
32	AR1660CCC500	AR1660CCC500	PP074592.D	22 Aug 2025 19:07		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP074593.D	22 Aug 2025 19:56		YP\AJ	Ok,NS
34	AR1248CCC500	AR1248CCC500	PP074594.D	22 Aug 2025 20:12		YP\AJ	Ok,NS
35	AR1254CCC500	AR1254CCC500	PP074595.D	22 Aug 2025 20:29		YP\AJ	Ok,NS
36	I.BLK	I.BLK	PP074596.D	22 Aug 2025 20:45		YP\AJ	Ok
37	Q2915-01	BRIDGE-WEST	PP074597.D	22 Aug 2025 21:01		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082225

Review By	yogesh	Review On	8/22/2025 9:50:46 AM		
Supervise By		Supervise On			
SubDirectory	PP082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2915-03	BRIDGE-EAST	PP074598.D	22 Aug 2025 21:17		YP\AJ	Ok
39	Q2915-03MS	BRIDGE-EASTMS	PP074599.D	22 Aug 2025 21:34		YP\AJ	Ok,NS
40	Q2915-03MSD	BRIDGE-EASTMSD	PP074600.D	22 Aug 2025 21:50		YP\AJ	Ok,NS
41	Q2916-01	EO-03-08202025	PP074601.D	22 Aug 2025 22:06		YP\AJ	Ok
42	Q2917-01	OR-02-082025	PP074602.D	22 Aug 2025 22:23		YP\AJ	Ok
43	Q2919-01	OK-02-08202025	PP074603.D	22 Aug 2025 22:39		YP\AJ	Ok,NS
44	Q2926-01	TR-04-08212025	PP074604.D	22 Aug 2025 22:55		YP\AJ	Ok
45	Q2928-01	27-BELL	PP074605.D	22 Aug 2025 23:11		YP\AJ	Ok
46	Q2932-01	ARS20-0009	PP074606.D	22 Aug 2025 23:28		YP\AJ	Ok
47	AR1660CCC500	AR1660CCC500	PP074607.D	23 Aug 2025 01:22		YP\AJ	Ok
48	AR1242CCC500	AR1242CCC500	PP074608.D	23 Aug 2025 01:38		YP\AJ	Ok,NS
49	AR1248CCC500	AR1248CCC500	PP074609.D	23 Aug 2025 01:54		YP\AJ	Ok,NS
50	AR1254CCC500	AR1254CCC500	PP074610.D	23 Aug 2025 02:10		YP\AJ	Ok,NS
51	I.BLK	I.BLK	PP074611.D	23 Aug 2025 02:27		YP\AJ	Ok
52	PB169361BL	PB169361BL	PP074612.D	23 Aug 2025 02:43		YP\AJ	Ok
53	PB169361BS	PB169361BS	PP074613.D	23 Aug 2025 02:59		YP\AJ	Ok,NS
54	PB169361BSD	PB169361BSD	PP074614.D	23 Aug 2025 03:16		YP\AJ	Ok
55	Q2934-03	ENV-SW03	PP074615.D	23 Aug 2025 03:32		YP\AJ	Ok,NS
56	Q2934-04	ENV-SW04	PP074616.D	23 Aug 2025 03:48		YP\AJ	Ok,NS

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082225

Review By	yogesh	Review On	8/22/2025 9:50:46 AM		
Supervise By		Supervise On			
SubDirectory	PP082225	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

57	Q2911-01DL	K262-1ADL	PP074617.D	23 Aug 2025 04:04	AR1254 Hit	YP\AJ	Ok,NS
58	Q2911-02DL	K262-1BDL	PP074618.D	23 Aug 2025 04:21	AR1254 Hit	YP\AJ	Ok
59	AR1660CCC500	AR1660CCC500	PP074619.D	23 Aug 2025 05:26		YP\AJ	Ok
60	AR1242CCC500	AR1242CCC500	PP074620.D	23 Aug 2025 06:31		YP\AJ	Ok,NS
61	AR1248CCC500	AR1248CCC500	PP074621.D	23 Aug 2025 06:47		YP\AJ	Ok,NS
62	AR1254CCC500	AR1254CCC500	PP074622.D	23 Aug 2025 07:03		YP\AJ	Ok,NS
63	I.BLK	I.BLK	PP074623.D	23 Aug 2025 07:20		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082525

Review By	yogesh	Review On	8/25/2025 11:17:28 AM		
Supervise By		Supervise On			
SubDirectory	PP082525	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074624.D	25 Aug 2025 09:11		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074625.D	25 Aug 2025 09:27		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP074626.D	25 Aug 2025 09:54		YP\AJ	Ok,NS
4	AR1248CCC500	AR1248CCC500	PP074627.D	25 Aug 2025 10:10		YP\AJ	Ok,NS
5	AR1254CCC500	AR1254CCC500	PP074628.D	25 Aug 2025 10:26		YP\AJ	Ok,NS
6	I.BLK	I.BLK	PP074629.D	25 Aug 2025 10:43		YP\AJ	Ok
7	DDT ANALOG	DDT ANALOG	PP074630.D	25 Aug 2025 10:59		YP\AJ	Ok
8	Q2911-09	K262-3C	PP074631.D	25 Aug 2025 11:15		YP\AJ	Ok
9	Q2911-10	K262-4A	PP074632.D	25 Aug 2025 11:32		YP\AJ	Ok,NS
10	Q2911-11	K262-4B	PP074633.D	25 Aug 2025 11:48		YP\AJ	Ok,NS
11	Q2911-12	K262-4C	PP074634.D	25 Aug 2025 12:04		YP\AJ	Ok,NS
12	Q2911-16DL	K262-6CDL	PP074635.D	25 Aug 2025 12:20	AR1254 Hit	YP\AJ	Ok
13	Q2948-04	JEH590U-1-2	PP074636.D	25 Aug 2025 13:19		YP\AJ	Ok
14	Q2948-05	JEH590U-2-1	PP074637.D	25 Aug 2025 13:35	AR1254 Hit	YP\AJ	Ok,NS
15	Q2948-06	JEH590U-2-2	PP074638.D	25 Aug 2025 13:51	AR1260 Hit	YP\AJ	Ok,NS
16	AR1660CCC500	AR1660CCC500	PP074639.D	25 Aug 2025 15:14		YP\AJ	Ok
17	AR1242CCC500	AR1242CCC500	PP074640.D	25 Aug 2025 15:30		YP\AJ	Ok,NS
18	AR1248CCC500	AR1248CCC500	PP074641.D	25 Aug 2025 15:46		YP\AJ	Ok,NS

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP082525

Review By	yogesh	Review On	8/25/2025 11:17:28 AM		
Supervise By		Supervise On			
SubDirectory	PP082525	HP Acquire Method		HP Processing Method	PO081825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1254CCC500	AR1254CCC500	PP074642.D	25 Aug 2025 16:02		YP\AJ	Ok
20	I.BLK	I.BLK	PP074643.D	25 Aug 2025 16:19		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 08/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136904

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
Q2905-01	MRS/NRS	50	1.11	7.74	8.85	1.2	1.2	
Q2905-02	Delumper Feed	51	1.17	8.70	9.87	2.67	17.2	
Q2905-03	MIX	52	1.11	7.79	8.9	1.27	2.1	
Q2911-01	K262-1A	1	1.18	10.37	11.55	10.42	89.1	
Q2911-02	K262-1B	2	1.14	10.25	11.39	10.19	88.3	
Q2911-03	K262-1C	3	1.16	10.15	11.31	10.22	89.3	
Q2911-04	K262-2A	4	1.18	10.67	11.85	11.06	92.6	
Q2911-05	K262-2B	5	1.18	10.76	11.94	11.02	91.4	
Q2911-06	K262-2C	6	1.18	10.31	11.49	10.66	91.9	
Q2911-07	K262-3A	7	1.17	10.27	11.44	10.5	90.8	
Q2911-08	K262-3B	8	1.16	10.60	11.76	10.8	90.9	
Q2911-09	K262-3C	9	1.19	10.17	11.36	10.66	93.1	
Q2911-10	K262-4A	10	1.19	10.46	11.65	11.09	94.6	
Q2911-11	K262-4B	11	1.18	10.52	11.7	11.06	93.9	
Q2911-12	K262-4C	12	1.19	10.10	11.29	10.63	93.5	
Q2911-13	K262-5A	13	1.14	10.60	11.74	10.87	91.8	
Q2911-14	K262-5B	14	1.16	10.30	11.46	10.77	93.3	
Q2911-15	K262-5C	15	1.18	10.40	11.58	10.88	93.3	
Q2911-16	K262-6C	16	1.19	10.21	11.4	9.88	85.1	
Q2911-17	K262-7C	17	1.13	10.30	11.43	9.55	81.7	
Q2911-18	K262-8A	18	1.14	10.40	11.54	11.29	97.6	
Q2914-01	K262-9A	19	1.15	10.33	11.48	11.2	97.3	
Q2914-04	K262-10A	20	1.13	10.73	11.86	11.57	97.3	
Q2914-07	K262-11A	21	1.19	10.07	11.26	11.06	98.0	
Q2914-10	K262-12A	22	1.18	10.28	11.46	11.28	98.2	
Q2914-13	K262-13A	23	1.16	10.50	11.66	10.45	88.5	
Q2914-16	K262-14A	24	1.18	10.27	11.45	10.51	90.8	
Q2914-19	K262-15A	25	1.19	10.42	11.61	10.66	90.9	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 08/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136904

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
Q2915-01	BRIDGE-WEST	40	1.15	10.63	11.78	10.52	88.1	
Q2915-02	BRIDGE-WEST	41	1.19	10.43	11.62	10.42	88.5	
Q2915-03	BRIDGE-EAST	42	1.19	10.43	11.62	10.00	84.5	
Q2915-04	BRIDGE-EAST	43	1.19	10.41	11.6	11.02	94.4	
Q2916-01	EO-03-08202025	44	1.19	10.75	11.94	11.12	92.4	
Q2916-02	EO-03-08202025-E2	45	1.13	10.70	11.83	10.98	92.1	
Q2917-01	OR-02-082025	46	1.17	10.48	11.65	11.13	95.0	
Q2917-02	OR-02-082025	47	1.18	10.77	11.95	10.8	89.3	
Q2919-01	OK-02-08202025	48	1.19	10.66	11.85	11.2	93.9	
Q2919-02	OK-02-08202025-E2	49	1.15	10.80	11.95	11.00	91.2	
Q2922-02	K262-16A	26	1.14	10.48	11.62	10.37	88.1	
Q2922-05	K262-17A	27	1.18	10.79	11.97	10.77	88.9	
Q2922-08	K262-18A	28	1.18	10.45	11.63	10.4	88.2	
Q2922-11	K262-19A	29	1.18	10.74	11.92	10.48	86.6	
Q2922-14	K262-20A	30	1.13	10.13	11.26	10.5	92.5	
Q2922-17	K262-21A	31	1.15	10.38	11.53	10.84	93.4	
Q2922-20	K262-22A	32	1.14	11.03	12.17	10.75	87.1	
Q2923-03	K262-23A	33	1.18	10.04	11.22	9.73	85.2	
Q2923-06	K262-24A	34	1.16	10.99	12.15	10.43	84.3	
Q2923-09	K262-DUP1	35	1.12	10.11	11.23	10.65	94.3	
Q2923-10	K262-DUP2	36	1.15	10.30	11.45	11.3	98.5	
Q2923-11	K262-DUP3	37	1.16	10.36	11.52	10.33	88.5	
Q2923-12	K262-DUP4	38	1.13	10.50	11.63	10.83	92.4	
Q2923-16	K262-DUP8	39	1.13	10.21	11.34	9.15	78.6	
Q2932-01	ARS20-0009	53	1.14	10.41	11.55	10.9	93.8	
Q2932-03	ARS20-0002-SOIL	54	1.17	10.33	11.5	11.04	95.5	
Q2932-05	ARS20-0002-CONCRETE	55	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2933-01	25-SEPTIC	56	1.19	10.46	11.65	9.33	77.8	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 08/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136904

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
Q2933-02	25-SEPTIC	57	1.13	10.62	11.75	10.5	88.2	
Q2933-03	29-SEPTIC	58	1.19	10.71	11.9	10.39	85.9	
Q2933-04	29-SEPTIC	59	1.15	10.73	11.88	10.41	86.3	

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

WORKLIST(Hardcopy Internal Chain)

WB 136904

WorkList Name : %1-082125 **WorkList ID :** 191382 **Department :** Wet-Chemistry **Date :** 08-21-2025 07:57:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2905-01	MRS/NRS	Solid	Percent Solids	Cool 4 deg C	ALSE01	J31	07/31/2025	Chemtech -SO
Q2905-02	Delumper Feed	Solid	Percent Solids	Cool 4 deg C	ALSE01	J31	07/31/2025	Chemtech -SO
Q2905-03	MIX	Solid	Percent Solids	Cool 4 deg C	ALSE01	J31	07/31/2025	Chemtech -SO
Q2911-01	K262-1A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-02	K262-1B	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-03	K262-1C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-04	K262-2A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-05	K262-2B	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-06	K262-2C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-07	K262-3A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-08	K262-3B	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-09	K262-3C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-10	K262-4A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-11	K262-4B	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-12	K262-4C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-13	K262-5A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-14	K262-5B	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-15	K262-5C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-16	K262-6C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-17	K262-7C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO
Q2911-18	K262-8A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J23	08/19/2025	Chemtech -SO

Date/Time 08/21/25 15:00

Raw Sample Received by: LB WC

Raw Sample Relinquished by: AP SM

Date/Time 08/21/25 17:10

Raw Sample Received by: AP SM

Raw Sample Relinquished by: LB WC

WORKLIST(Hardcopy Internal Chain)

VB 136904

WorkList Name : %1-082125 **WorkList ID :** 191382 **Department :** Wet-Chemistry **Date :** 08-21-2025 07:57:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2914-01	K262-9A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2914-04	K262-10A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2914-07	K262-11A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2914-10	K262-12A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2914-13	K262-13A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2914-16	K262-14A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2914-19	K262-15A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2915-01	BRIDGE-WEST	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2915-02	BRIDGE-WEST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/20/2025	Chemtech -SO
Q2915-03	BRIDGE-EAST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/20/2025	Chemtech -SO
Q2915-04	BRIDGE-EAST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/20/2025	Chemtech -SO
Q2916-01	EO-03-08202025	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/20/2025	Chemtech -SO
Q2916-02	EO-03-08202025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/20/2025	Chemtech -SO
Q2917-01	OR-02-082025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/20/2025	Chemtech -SO
Q2917-02	OR-02-082025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/20/2025	Chemtech -SO
Q2919-01	OK-02-08202025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/20/2025	Chemtech -SO
Q2919-02	OK-02-08202025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/20/2025	Chemtech -SO
Q2922-02	K262-16A	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/20/2025	Chemtech -SO
Q2922-05	K262-17A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J22	08/19/2025	Chemtech -SO
Q2922-08	K262-18A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J22	08/19/2025	Chemtech -SO
Q2922-11	K262-19A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J22	08/19/2025	Chemtech -SO
					ATCE02	J22	08/19/2025	Chemtech -SO

Date/Time 08/21/25 13:00

Raw Sample Received by: TB CWC

Raw Sample Relinquished by: CP SM

Date/Time 08/21/25 17:10

Raw Sample Received by: CP SM

Raw Sample Relinquished by: TB CWC

WORKLIST(Hardcopy Internal Chain)

SM 136904

WorkList Name : %1-082125 **WorkList ID :** 191382 **Department :** Wet-Chemistry **Date :** 08-21-2025 07:57:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2922-14	K262-20A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J22	08/19/2025	Chemtech -SO
Q2922-17	K262-21A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J22	08/19/2025	Chemtech -SO
Q2922-20	K262-22A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J22	08/19/2025	Chemtech -SO
Q2923-03	K262-23A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2923-06	K262-24A	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2923-09	K262-DUP1	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2923-10	K262-DUP2	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2923-11	K262-DUP3	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2923-12	K262-DUP4	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2923-16	K262-DUP8	Solid	Percent Solids	Cool 4 deg C	ATCE02	J31	08/19/2025	Chemtech -SO
Q2932-01	ARS20-0009	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/21/2025	Chemtech -SO
Q2932-03	ARS20-0002-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/21/2025	Chemtech -SO
Q2932-05	ARS20-0002-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/21/2025	Chemtech -SO
Q2933-01	25-SEPTIC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/21/2025	Chemtech -SO
Q2933-02	25-SEPTIC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/21/2025	Chemtech -SO
Q2933-03	29-SEPTIC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/21/2025	Chemtech -SO
Q2933-04	29-SEPTIC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/21/2025	Chemtech -SO

Date/Time 08/21/25 15:00
Raw Sample Received by: JB WC
Raw Sample Relinquished by: SM

Date/Time 08/21/25 17:10
Raw Sample Received by: SM
Raw Sample Relinquished by: JB WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169353

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	08/22/2025
Matrix :	Solid			**Extraction Start Time :**	08:10
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	08/22/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:25
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	PP24799
Surrogate	1.0ML	200 PPB	PP24663
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	EP2627
Baked Na2SO4	N/A	EP2632
Hexane	N/A	E3962
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

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
8/22/25	RS (Ext Lab)	TP Pest/PCB.
11:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169353

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169353BL	ABLK353	PCB Group1	30.02	N/A	ritesh	Evelyn	10			U1-1
PB169353BS	ALCS353	PCB Group1	30.03	N/A	ritesh	Evelyn	10			2
Q2911-01	K262-1A	PCB Group1	30.05	N/A	ritesh	Evelyn	10			3
Q2911-02	K262-1B	PCB Group1	30.06	N/A	ritesh	Evelyn	10			4
Q2911-03	K262-1C	PCB Group1	30.08	N/A	ritesh	Evelyn	10			5
Q2911-04	K262-2A	PCB Group1	30.03	N/A	ritesh	Evelyn	10			6
Q2911-05	K262-2B	PCB Group1	30.01	N/A	ritesh	Evelyn	10			U2-1
Q2911-06	K262-2C	PCB Group1	30.05	N/A	ritesh	Evelyn	10			2
Q2911-06MS	K262-2CMS	PCB Group1	30.04	N/A	ritesh	Evelyn	10			3
Q2911-06MSD	K262-2CMSD	PCB Group1	30.02	N/A	ritesh	Evelyn	10			4
Q2911-07	K262-3A	PCB Group1	30.07	N/A	ritesh	Evelyn	10			5
Q2911-08	K262-3B	PCB Group1	30.08	N/A	ritesh	Evelyn	10			6
Q2911-09	K262-3C	PCB Group1	30.02	N/A	ritesh	Evelyn	10			U3-1
Q2911-10	K262-4A	PCB Group1	30.05	N/A	ritesh	Evelyn	10			2
Q2911-11	K262-4B	PCB Group1	30.04	N/A	ritesh	Evelyn	10			3
Q2911-12	K262-4C	PCB Group1	30.07	N/A	ritesh	Evelyn	10			4
Q2911-13	K262-5A	PCB Group1	30.03	N/A	ritesh	Evelyn	10			5
Q2911-14	K262-5B	PCB Group1	30.06	N/A	ritesh	Evelyn	10			6
Q2911-15	K262-5C	PCB Group1	30.08	N/A	ritesh	Evelyn	10			U4-1
Q2911-16	K262-6C	PCB Group1	30.01	N/A	ritesh	Evelyn	10			2
Q2911-17	K262-7C	PCB Group1	30.09	N/A	ritesh	Evelyn	10			3
Q2911-18	K262-8A	PCB Group1	30.05	N/A	ritesh	Evelyn	10			4
Q2923-16	K262-DUP8	PCB Group1	30.04	N/A	ritesh	Evelyn	10			5

RS 8/22

* **Extracts relinguished on the same date as received.**

169353
8:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2911 **WorkList ID :** 191409 **Department :** Extraction **Date :** 08-22-2025 08:05:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2911-01	K262-1A	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-02	K262-1B	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-03	K262-1C	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-04	K262-2A	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-05	K262-2B	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-06	K262-2C	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-07	K262-3A	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-08	K262-3B	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-09	K262-3C	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-10	K262-4A	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-11	K262-4B	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-12	K262-4C	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-13	K262-5A	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-14	K262-5B	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-15	K262-5C	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-16	K262-6C	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-17	K262-7C	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2911-18	K262-8A	Solid	PCB Group1	Cool 4 deg C	ATCE02	J23	08/19/2025	8082A
Q2923-16	K262-DUP8	Solid	PCB Group1	Cool 4 deg C	ATCE02	J31	08/19/2025	8082A

Date/Time 08/22/25 8:05
Raw Sample Received by: RJ (EFL-Ueb)
Raw Sample Relinquished by: JDCSM

Date/Time 08/22/25 8:35
Raw Sample Received by: JDCSM
Raw Sample Relinquished by: RJ (EFL-Ueb)

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

Prep Standard - Chemical Standard Summary

Order ID : Q2911

Test : PCB Group1

Prepbatch ID : PB169353,

Sequence ID/Qc Batch ID: PO082225,pp082225,PP082525,

Standard ID :

EP2610,EP2627,EP2632,PP24329,PP24330,PP24381,PP24663,PP24799,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,

Chemical ID :

E3804,E3875,E3944,E3949,E3950,E3951,E3955,E3962,E3963,M6157,P11522,P11592,P12700,P12703,P12951,P12952,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13786,P13789,P13833,P13879,P13881,P13885,W3112,W3177,W3234,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

FROM 1000.00000ml of M6157 + 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	EP2627	07/15/2025	01/15/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 07/15/2025

FROM 4000.00000ml of E3949 + 4000.00000ml of E3950 = 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	EP2632	08/11/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 08/11/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = 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
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = 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
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel 07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24799	08/12/2025	02/12/2026	Abdul Mirza	None	None	Yogesh Patel 08/19/2025

FROM 0.50000ml of P12951 + 99.50000ml of E3955 = 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
84	Pest/PCB Surrogate Stock 20 PPM	PP24805	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13789 + 9.00000ml of E3962 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP24806	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13375 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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
214	AR1232 1000 PPB WORKING SOLUTION	PP24807	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13879 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP24808	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13706 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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
216	AR1248 1000 PPB WORKING STD	PP24809	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13695 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP24810	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P11592 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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
1529	AR1262 1000 PPB Working Solution	PP24811	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13881 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP24812	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13885 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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
404	AR1660 100 PPM Stock Solution 2nd Source	PP24814	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12952 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP24815	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 98.50000ml of E3962 + 0.50000ml of PP24805 + 1.00000ml of PP24814 = 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
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24816	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13373 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24817	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12700 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24818	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13590 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24819	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13592 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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
2193	AR1254 100 PPM STOCK SOLUTION	PP24820	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13833 + 9.00000ml of E3963 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP24821	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12703 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24822	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P11522 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP24823	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24330 = 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
204	AR1660 500 PPB STD	PP24824	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP24825	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24330 = 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
206	AR1660 50 PPB STD	PP24826	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24824 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP24827	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24806 = 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	PP24828	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24806 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP24829	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24806 = 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	PP24830	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24828 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP24831	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24807 = 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
223	AR1232 500 PPB STD	PP24832	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24807 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP24833	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24807 = 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
1065	AR1232 50 PPB STD	PP24834	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24832 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP24835	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24808 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP24836	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24808 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP24837	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24808 = 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	PP24838	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24836 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP24839	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24809 = 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
225	AR1248 500 PPB STD	PP24840	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24809 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP24841	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24809 = 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
1077	AR1248 50 PPB STD	PP24842	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24840 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP24843	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24810 = 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	PP24844	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24810 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP24845	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24810 = 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	PP24846	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24844 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP24847	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24811 = 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
1530	AR1262 500 PPB STD	PP24848	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24811 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP24849	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24811 = 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
3755	AR1262 50 PPB STD	PP24850	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24848 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP24851	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24812 = 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	PP24852	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24812 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP24853	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24812 = 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	PP24854	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24852 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP24855	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24815 = 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
3790	AR1221 500 PPB ICV(AGILENT)	PP24856	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24816 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP24857	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24817 = 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
1891	AR1242 500 PPB ICV	PP24858	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24818 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP24859	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24819 = 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
1894	AR1254 500 PPB ICV	PP24860	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP24861	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24821 = 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
3823	AR1268 500 PPB STD ICV	PP24862	08/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24822 = Final Quantity: 1.000 ml

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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 #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	02/18/2026	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 #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

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)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

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	04/18/2027	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3949

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)	25C0362005	04/30/2026	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3950

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)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

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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	04/18/2027	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3955

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)	25C0362005	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

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	02/15/2026	08/15/2025 / RUPESH	08/07/2025 / RUPESH	E3963

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)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	09/18/2025	03/18/2025 / yogesh	02/21/2022 / Ankita	P11522

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	02/18/2026	08/18/2025 / yogesh	03/18/2022 / Abdul	P11592

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CHEMICAL RECEIPT LOG BOOK

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	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12700

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	x9166 / Aroclor 1262 100 ug/mL	060523	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12703

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/12/2026	08/12/2025 / Abdul	12/20/2023 / Yogesh	P12951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/18/2026	08/18/2025 / yogesh	12/20/2023 / Yogesh	P12952

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 #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

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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	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

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	A0207511	02/18/2026	08/18/2025 / yogesh	05/03/2024 / Abdul	P13375

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13592

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	A0214733	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13695

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	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

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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	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	A0210232	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13706

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	A0214495	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

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	A0214495	02/18/2026	08/18/2025 / yogesh	11/19/2024 / Ankita	P13789

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	a0217391	02/18/2026	08/18/2025 / yogesh	12/09/2024 / Ankita	P13833

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	A0219655	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13879

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	A0217041	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13881

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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	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0217264	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13885

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

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	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

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)	25C0362005	04/30/2026	07/28/2025 / jignesh	07/25/2025 / jignesh	W3234

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

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Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

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

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
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:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
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%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
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%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
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.

E 3875

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 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 %	0.2 %
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

E3944

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

Read on 7/2/25

E3949

J Croak
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

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
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 HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

3950

Read on 7/02/25

Jamie Croak
Director Quality Operations, Bioscience Production

VWR®
BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

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

Recieved on 7/16/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3955

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
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
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 HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
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

Recieved on 7/30/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3962

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

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

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

Recieved on 8/6/25

E 3963

J Croak
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
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M615 MB

avantor | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013
Manufactured Date: 2024-08-07
Retest Date:2029-08-06
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	<1 ppm
ACS - Substances Reducing Permanganate(as SO2)	<= 2 ppm	<2 ppm
Ammonium (NH_4)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO_3)	<= 0.2 ppm	0.1 ppm
Phosphate (PO_4)	<= 0.5 ppm	<0.1 ppm
Trace Impurities - Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities - Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities - Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities - Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities - Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities - Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities - Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities - Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities - Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities - Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities - Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities - Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities - Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities - Silver (Ag)	<= 1.0 ppb	<1.0 ppb

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013

Test	Specification	Result
Trace Impurities - Sodium (Na)	<= 500.0 ppb	<5.0 ppb
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	<1.0 ppb
Trace Impurities - Tin (Sn)	<= 5.0 ppb	1.1 ppb
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	<1.0 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

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

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437	µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284	µg/mL	Unstressed
	Purity ----%		+/- 41.4406	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

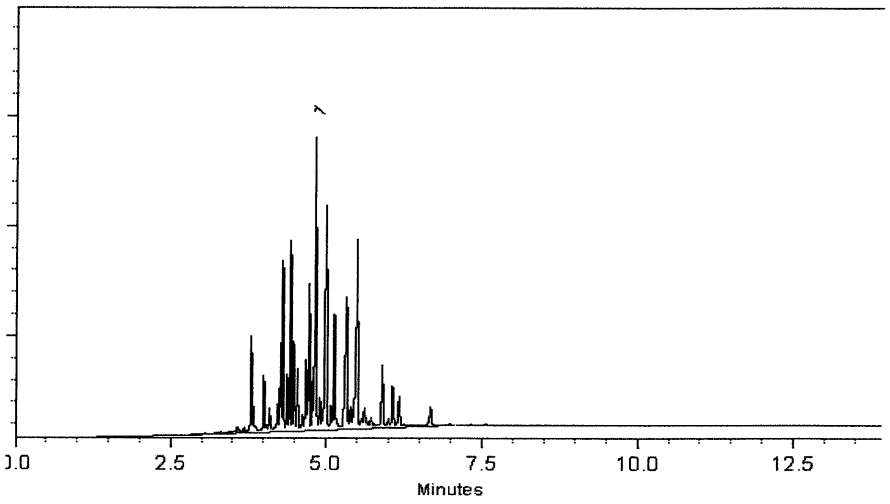
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

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

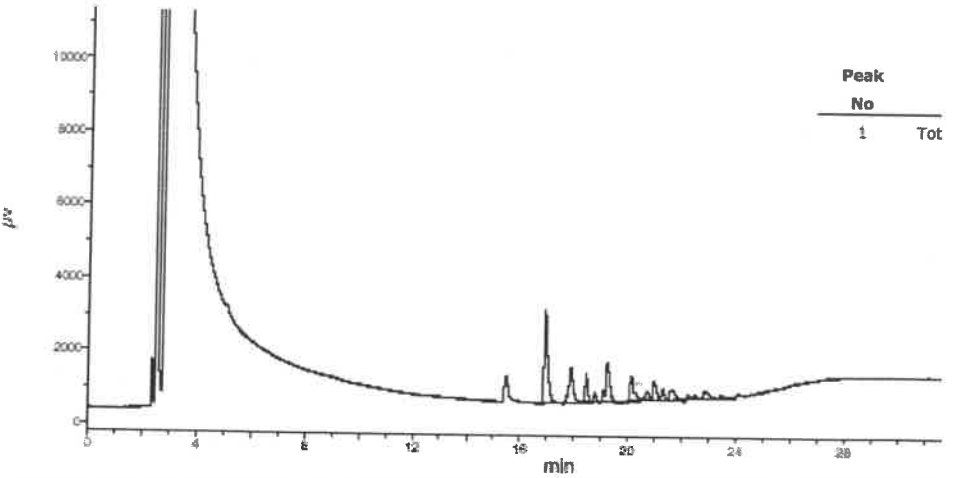
Weight(s) shown below were combined and diluted to (mL): 100.0

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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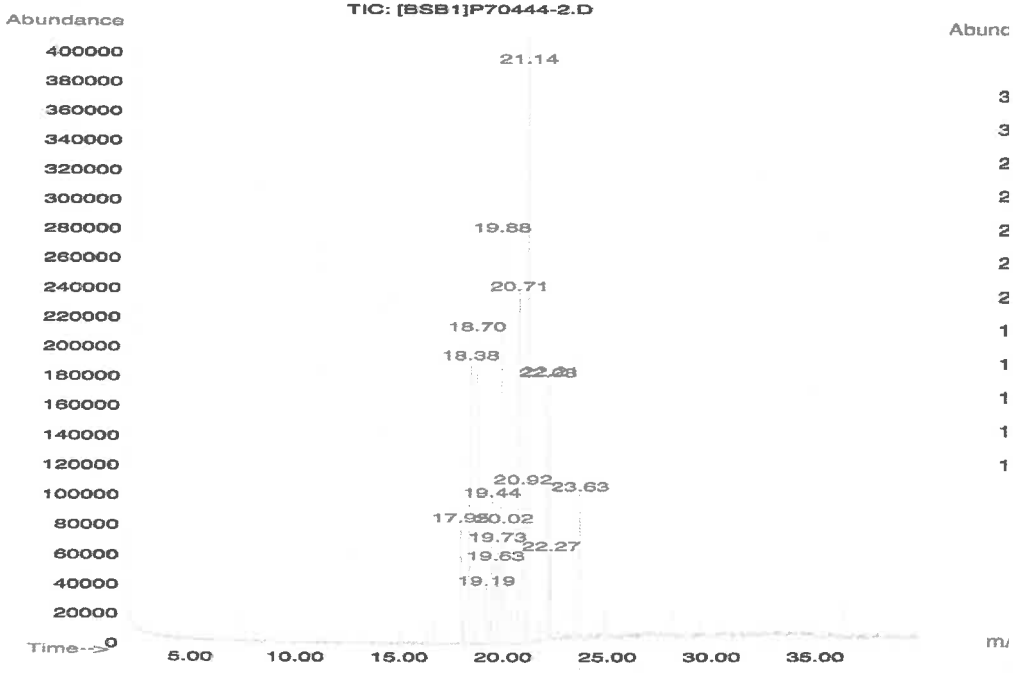
Certified Referen

CERTIFIED WEIGHT REPORT

Part Number:	X9166	**Solvent(s):**	
Lot Number:	060523	Methanol	E
Description:	Aroclor 1262 Appendix IX Compound		
Expiration Date:	060533		
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	0.002	Flask Uncertainty

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Co
1. Aroclor 1262	70444	080322	0.10	2.00	0.017	

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickn
min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



- The certified value is the concentration calculated from gravimetric and volumetric me
- Standards are prepared gravimetrically using balances that are calibrated with weight
- 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 appro
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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AR-1539 Certificate Number
https://Absolutestandards.com

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

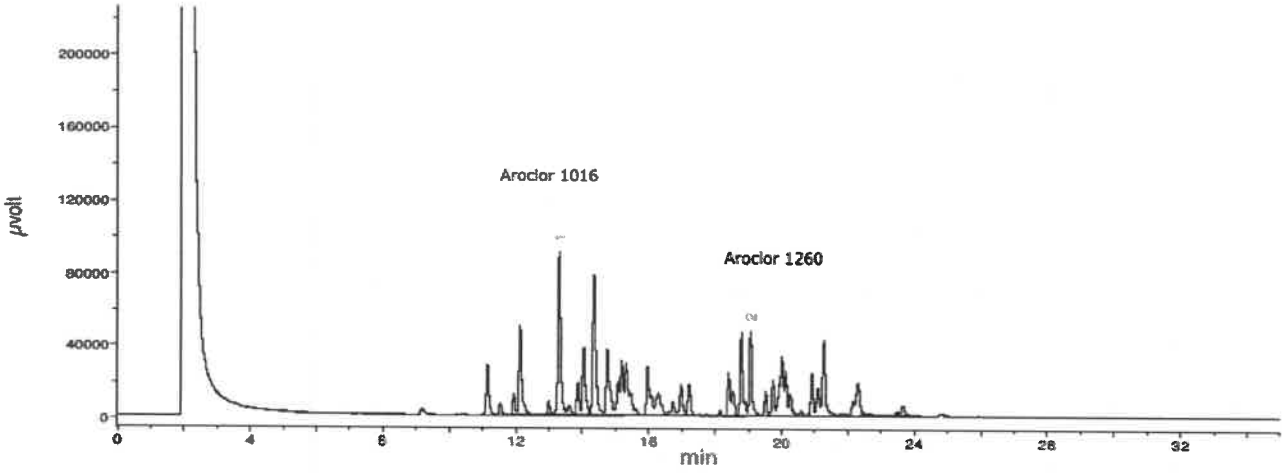
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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

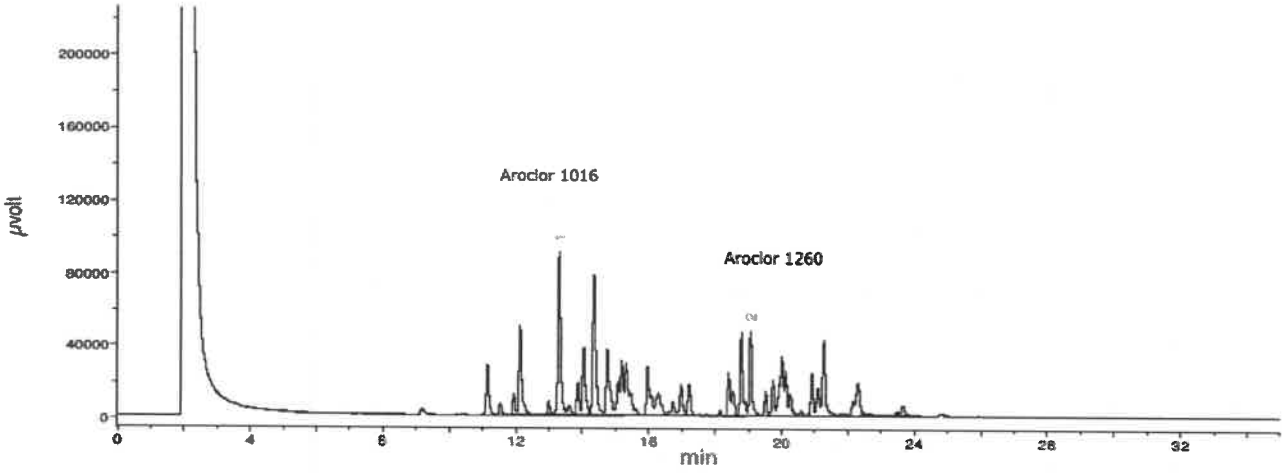
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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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AR-1539 Certificate Number
https://Absolutestandards.com

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

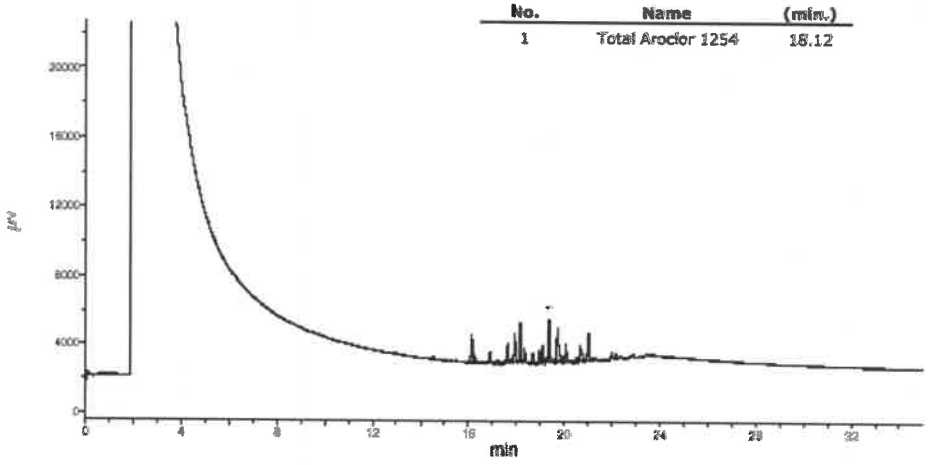
Note: Aroclor 1254 is a mix of isomers.

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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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.)

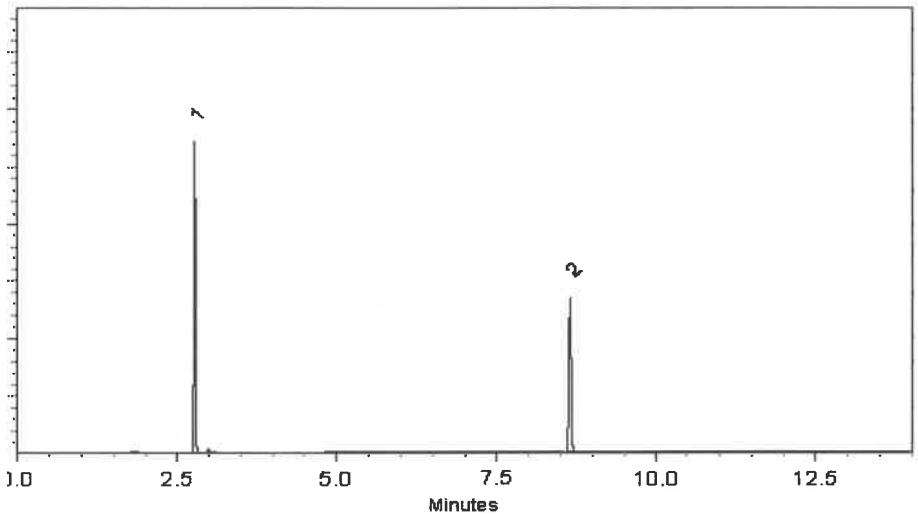
Inj. Temp:
250°C

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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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0207511

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 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 1221	11104-28-2	13192500	----%	1,002.7 µg/mL	+/- 55.6424

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13374 (2)
↓
P 13375
1

05/6/2024

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

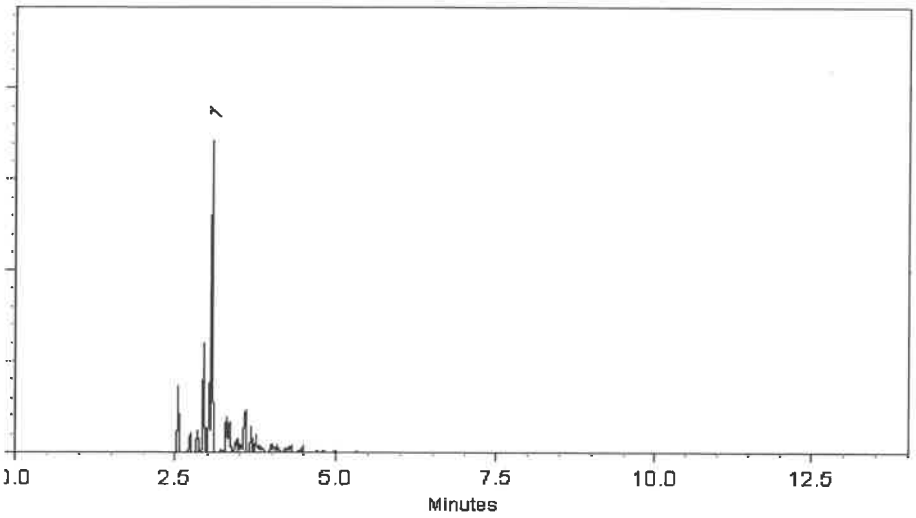
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 06-Feb-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 08-Feb-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13374 (2)
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P13375

05/6/2024

ISO 17034

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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.

P13589
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P13590

AJ
10/14/24

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

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1248 Standard
Product Number: PP-342-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
Expiration Date: 28-Feb-2031

Component Name	Concentration		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 (RM) 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. Purity values are taken from approved vendor raw material certificates.

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 (RM) 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 (RM) 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 (RM) 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.

P13591
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P13592

AJ
10/14/2024

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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-015.1

ISO 17025

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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. : 32010 **Lot No.:** A0214733

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

P13695
P13696
Y.P.
10/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 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	15242800	----%	1,005.0 µg/mL	+/- 55.7700

* 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.)

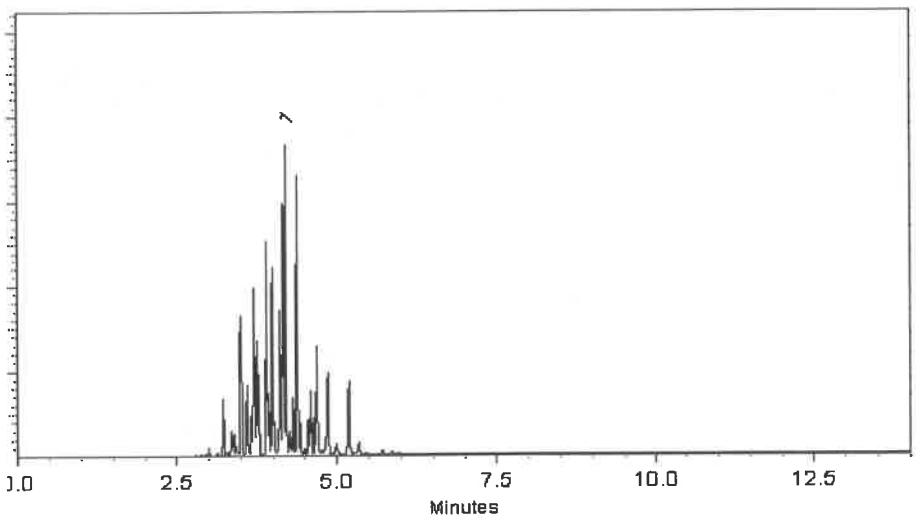
Inj. Temp:
250°C

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.

Rebecca Gingerich - Operations Tech II

Date Mixed: 02-Aug-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

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 : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697 ↓ P13701 } Y.P. 10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* 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.)

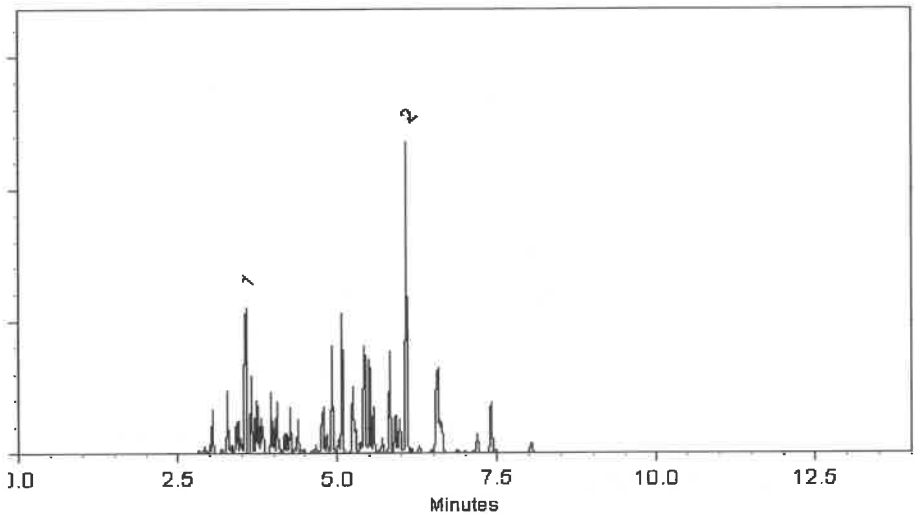
Inj. Temp:
250°C

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: 22-Apr-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0210232

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

P13706
P13707
} Y.P. 10/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 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 1242	53469-21-9	01141	----%	1,000.7 µg/mL	+/- 55.5295

* 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.)

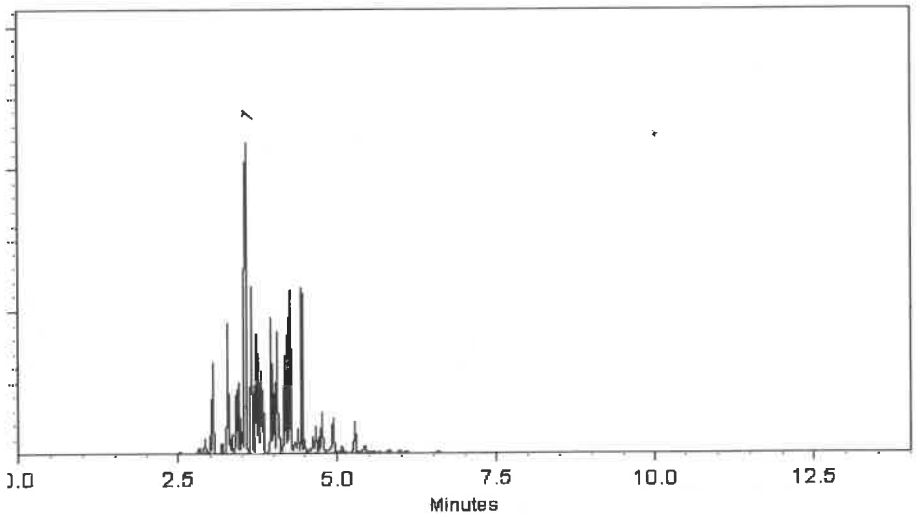
Inj. Temp:
250°C

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.

Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024 **Balance Serial #** B442140311

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785 ↓ P19789 AJ 11/19/24

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%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

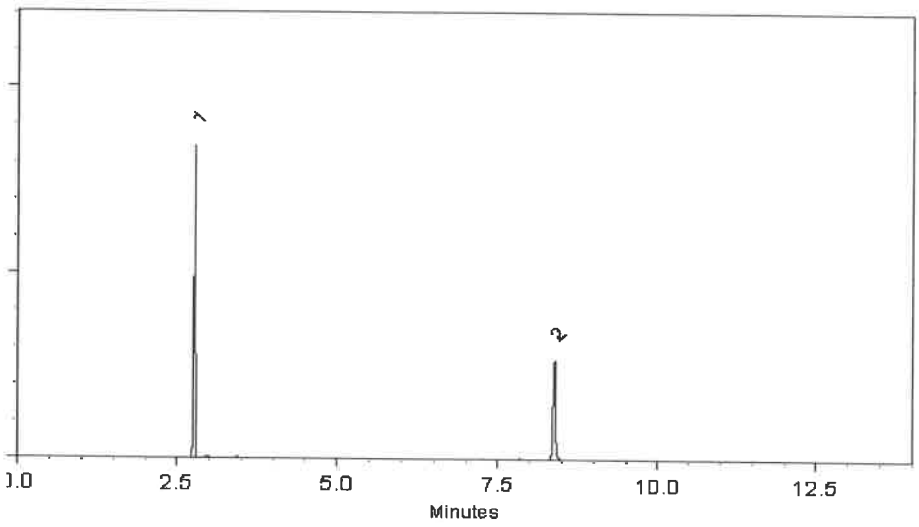
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785 ↓ P19789 AJ 11/19/24

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%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

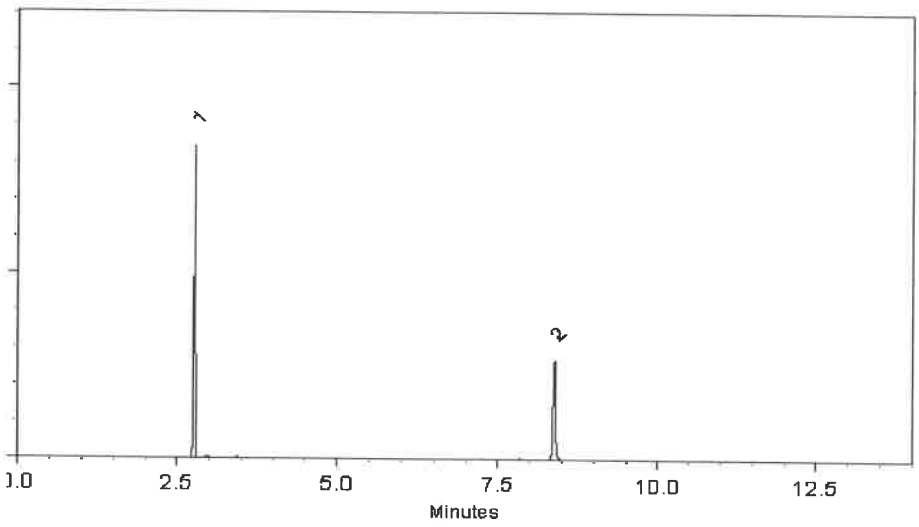
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **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 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830
↓
P13832
↓
P13834

AJ
12/09/24

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.)

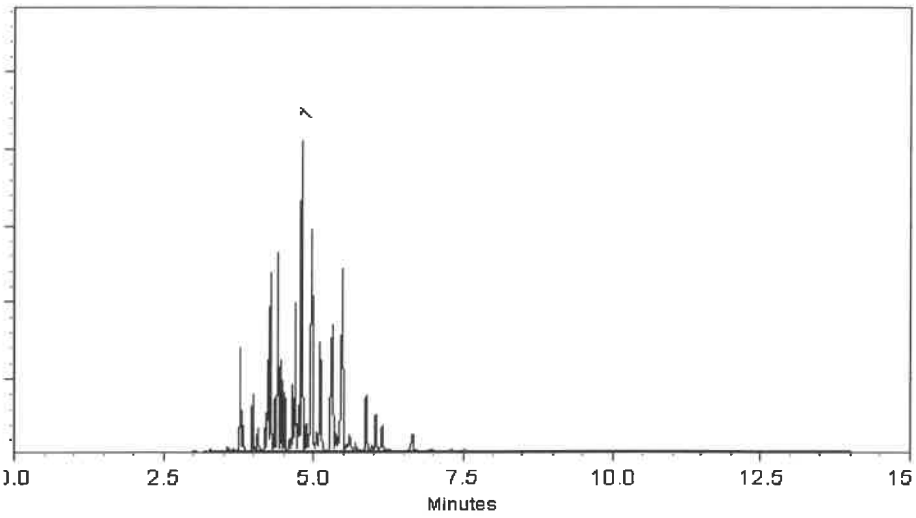
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 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.

Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **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 1232	11141-16-5	15665-01	----%	1,007.0 µg/mL	+/- 55.8810

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

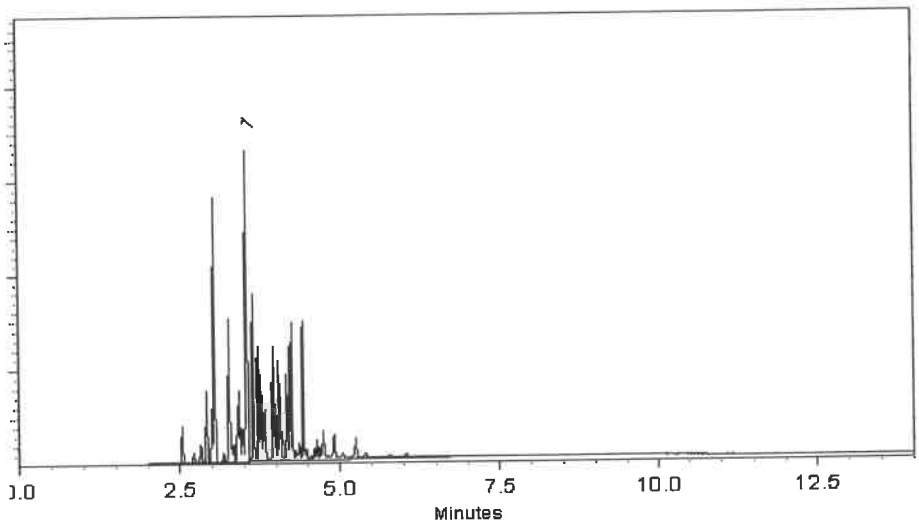
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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Reference Material Producer
Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0217041

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 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 1262	37324-23-5	10849100	----%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13881

AJ
01/28/25

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.)

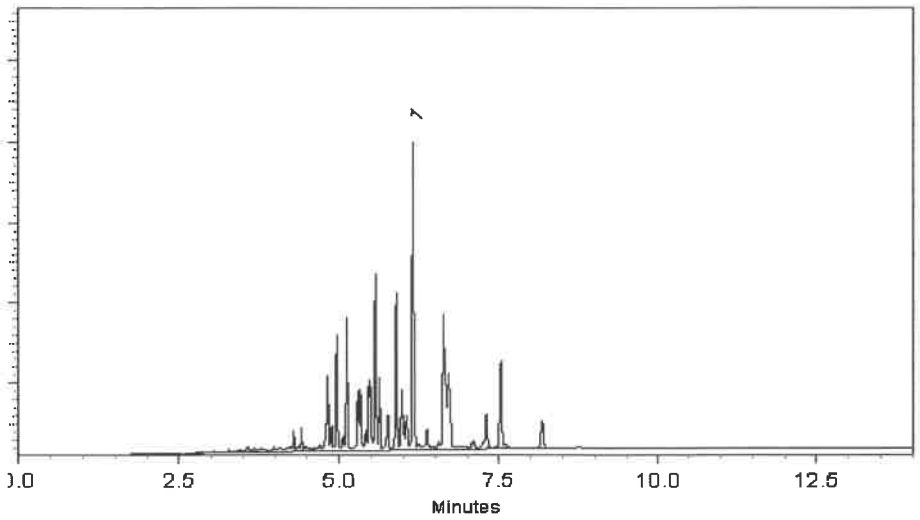
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 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.

Rebecca Gingerich - Operations Tech II

Date Mixed: 25-Sep-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Sep-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0217264

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **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 1268	11100-14-4	12353400	----%	1,009.8 µg/mL	+/- 56.0364

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13884
↓
P13886

AJ
01/28/25

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.)

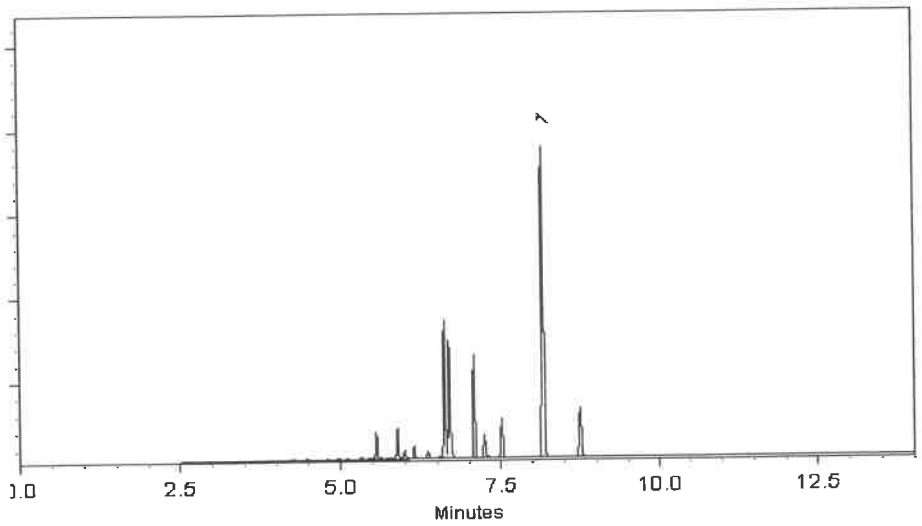
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 500:1

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.

Stacey Wanner - Operations Technician I

Date Mixed: 01-Oct-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

W3147

W3147 update. 02/03/2025 JP

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

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

W3234 JB
Update: 07/28/2025

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
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 HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

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

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO. Q 2911
QUOTE NO.
COC Number 2045393

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Atlas
ADDRESS: 104 E 25th St
CITY NY STATE: NY ZIP: 10010
ATTENTION: d. cosenza
PHONE: 2123538280 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SCA-K262
PROJECT NO.: 2025SCA0241 LOCATION: Brooklyn
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): 5 day standard DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: Total PCB's 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	K262-1A	S		X	8.19.25	830	1	X								
2.	K262-1B			X	8.19.25	831	1	X								
3.	K262-1C			X	8.19.25	832	1	X								
4.	K262-2A			X	8.19.25	835	1	X								
5.	K262-2B			X	8.19.25	836	1	X								
6.	K262-2C			X	8.19.25	837	1	X								
7.	K262-3A			X	8.19.25	840	1	X								
8.	K262-3B			X	8.19.25	841	1	X								
9.	K262-3C			X	8.19.25	843	1	X								
10.	K262-4A	↓		X	8.19.25	845	1	X								

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/19/25	1. 1342 8-20-25
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY SAMPLER:	DATE/TIME: 1729	RECEIVED BY:
3.	8.20.25	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.8 °C
Comments:

Page 1 of 8

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q 2911
COC Number 2045394

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Atlas
ADDRESS: 104 E 25th St
CITY NY STATE: NY ZIP: 10010
ATTENTION: d. Cosenza
PHONE: 2123538280 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SCA-K262
PROJECT NO.: 2023SCA024 LOCATION: Brooklyn
PROJECT MANAGER: d. Cosenza
e-mail: denise.cosenza@oneatlas.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5 day standard DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

Total RCRA's

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	K262-4B	S		X	8/19/25	846	1	X									
2.	K262-4C			X	"	847	1	X									
3.	K262-5A			X	"	851	1	X									
4.	K262-5B			X	"	853	1	X									
5.	K262-5C			X	"	854	1	X									
6.	K262-6C			X	"	857	1	X									
7.	K262-7C			X	"	859	1	X									
8.	K262-8A			X	"	915	1	X									
9.	K262-8B			X	"	917	1	X									HOLD
10.	K262-8C			X	"	918	1	X									HOLD

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/19/25	1. 1352 8-20-25
2.	DATE/TIME:	RECEIVED BY: 2.
3.	DATE/TIME: 1729 8-20-25	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.8 °C
Comments:

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CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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Alliance TECHNICAL GROUP
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	TX-C25-00189
Virginia	460312