

Cover Page

Order ID : P3845

Project ID : NJ Waste Water PT

Client : Chemtech Consulting Group

Lab Sample Number

P3845-01
P3845-02
P3845-03
P3845-04
P3845-05
P3845-06
P3845-07
P3845-08
P3845-09
P3845-10
P3845-11
P3845-12
P3845-13
P3845-14
P3845-15
P3845-16
P3845-17
P3845-18
P3845-19
P3845-20
P3845-21
P3845-22

Client Sample Number

PT-VOA-WP
PT-VOA-WP
PT-BN-WP
PT-BN-WP
PT-BN-WP
PT-ACIDS-WP
PT-ACIDS-WP
PT-ACIDS-WP
PT-PEST-WP
PT-PEST-WP
PT-CHLR-WP
PT-CHLR-WP
PT-TXP-WP
PT-TXP-WP
PT-PCBW-WP
PT-PCBW-WP
PT-HERB-WP
RR-GAS-WP
RR-DIES-WP
RR-8011-WP
RR-PAH-WP
RR-TRIAZINE-WP

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 10/24/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P3845

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PATEL VAISHALI

Date: 10/24/2024

LAB CHRONICLE

OrderID:	P3845	OrderDate:	9/5/2024 2:19:00 PM
Client:	Chemtech Consulting Group	Project:	NJ Waste Water PT
Contact:	QA Officer	Location:	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3845-18	RR-GAS-WP	Water			09/03/24			09/05/24
			Gasoline Range Organics	8015D			09/09/24	
			Gasoline Range Organics	8015D			09/11/24	
P3845-18RE	RR-GAS-WP	Water			09/03/24			09/05/24
			Gasoline Range Organics	8015D			09/09/24	
			Gasoline Range Organics	8015D			09/11/24	
P3845-19	RR-DIES-WP	Water			09/03/24			09/05/24
			Diesel Range Organics	8015D		09/09/24	09/10/24	
P3845-20	RR-8011-WP	WATER			09/03/24			09/05/24
			VOCGC Group 1	8011		09/11/24	09/11/24	
P3845-20DL	RR-8011-WPDL	WATER			09/03/24			09/05/24
			VOCGC Group 1	8011		09/11/24	09/11/24	

Hit Summary Sheet
SW-846

SDG No.: P3845

Order ID: P3845

Client: Chemtech Consulting Group

Project ID: NJ Waste Water PT

Sample ID	Client ID	Parameter		Concentration	C	MDL	RDL	Units
Client ID : RR-8011-WP								
P3845-20	RR-8011-WP	WATER	DBCP	1.20	E	0.0070	0.025	ug/L
P3845-20	RR-8011-WP	WATER	EDB	1.00	E	0.0085	0.025	ug/L
Total Concentration:				2.200				
Client ID : RR-8011-WPDL								
P3845-20DL	RR-8011-WPDL	WATER	DBCP	1.30	D	0.028	0.10	ug/L
P3845-20DL	RR-8011-WPDL	WATER	EDB	1.20	D	0.034	0.10	ug/L
Total Concentration:				2.500				



QC SUMMARY



SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method:

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High



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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method: **8011** **Datafile :** PR068530.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163254BS	DBCP	0.25	0.25	ug/L	100				70	130	
	EDB	0.25	0.25	ug/L	100				70	130	



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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P3845

Client: Chemtech Consulting Group

Analytical Method: **8011** **Datafile :** PR068531.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163254BSD	DBCP	0.25	0.25	ug/L	100	0			70	130	20
	EDB	0.25	0.26	ug/L	104	4			70	130	20

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163254BL

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM Case No.: P3845

SAS No.: P3845 SDG NO.: P3845

Lab Sample ID: PB163254BL

Lab File ID: PR068529.D

Matrix: (soil/water) WATER

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/11/2024

Date Analyzed (1): 09/11/2024

Date Analyzed (2): 09/11/2024

Time Analyzed (1): 13:43

Time Analyzed (2): 13:43

Instrument ID (1): ECD_R

Instrument ID (2): ECD_R

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
PB163254BS	PB163254BS	PR068530.D	09/11/2024	09/11/2024
PB163254BSD	PB163254BSD	PR068531.D	09/11/2024	09/11/2024
RR-8011-WP	P3845-20	PR068532.D	09/11/2024	09/11/2024

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	RR-8011-WP	SDG No.:	P3845
Lab Sample ID:	P3845-20	Matrix:	WATER
Analytical Method:	8011	% Solid:	0
Sample Wt/Vol:	35	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	VOCGC Group 1
GPC Factor :	1.0	PH :	
Prep Method :		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR068532.D	1	09/11/24 09:30	09/11/24 14:12	PB163254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
96-12-8	DBCP	1.20	E	0.0070	0.025	ug/L
106-93-4	EDB	1.00	E	0.0085	0.025	ug/L

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 14:12
Operator : AJ\MA
Sample : P3845-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
RR-8011-WP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 14:26:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.840	2.230	14536309	74050699	0.999	0.973
2) SA DBCP	6.578	5.554	31753470	160.9E6	1.189	1.163

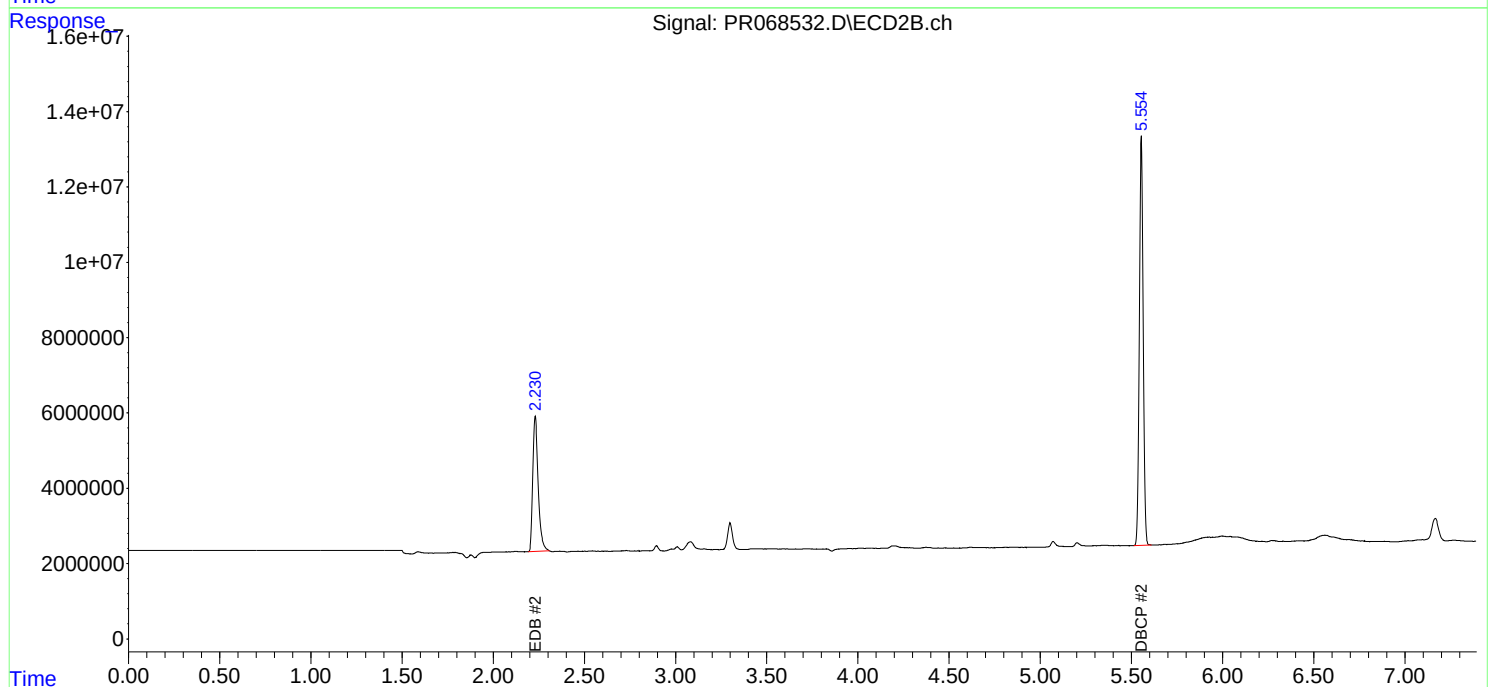
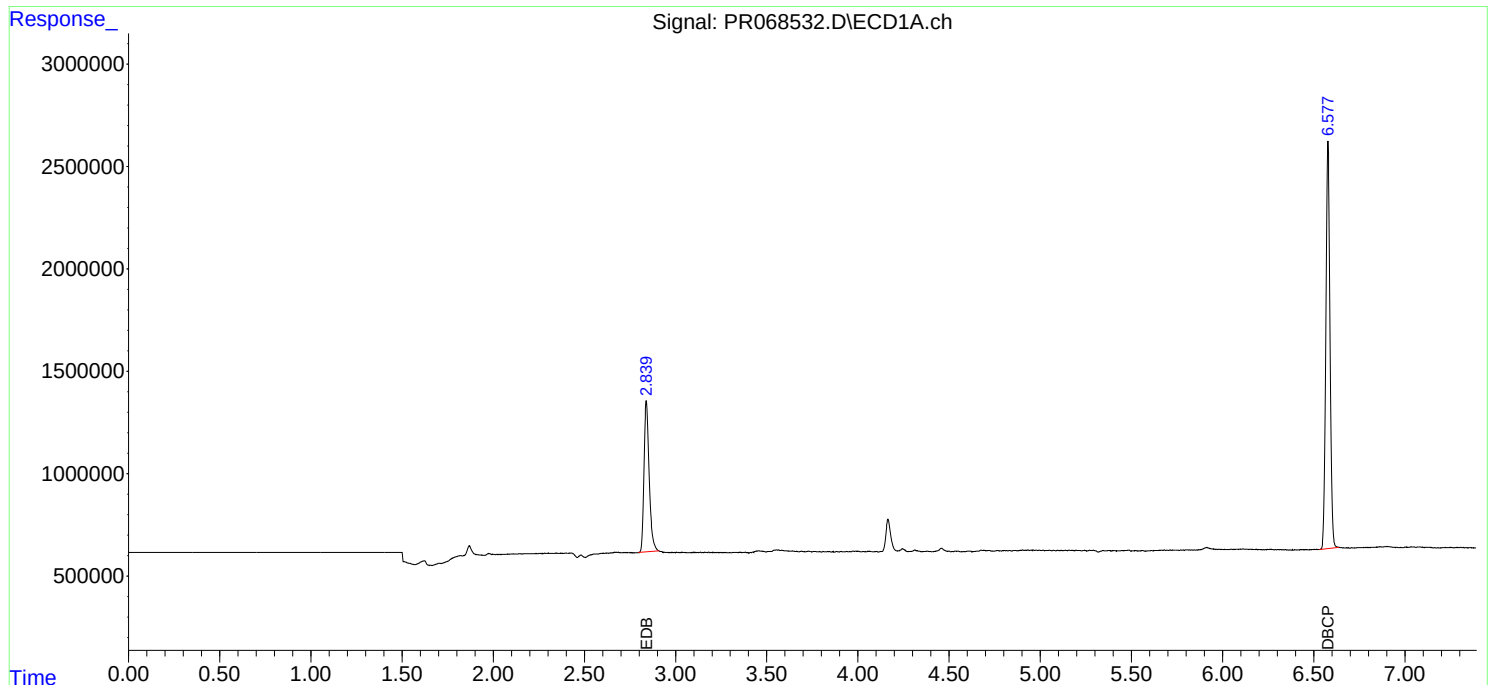
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 14:12
Operator : AJ\MA
Sample : P3845-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
RR-8011-WP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 14:26:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	RR-8011-WPDL	SDG No.:	P3845
Lab Sample ID:	P3845-20DL	Matrix:	WATER
Analytical Method:	8011	% Solid:	0
Sample Wt/Vol:	35	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	VOCGC Group 1
GPC Factor :	1.0	PH :	
Prep Method :		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR068533.D	4	09/11/24 09:30	09/11/24 14:24	PB163254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
96-12-8	DBCP	1.30	D	0.028	0.10	ug/L
106-93-4	EDB	1.20	D	0.034	0.10	ug/L

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
 Data File : PR068533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2024 14:24
 Operator : AJ\MA
 Sample : P3845-20DL 4X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 RR-8011-WPDL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 14:26:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 11 12:58:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.839	2.230	4150824	20672251	0.285	0.272
2) SA DBCP	6.577	5.555	8454871	44422435	0.317	0.321

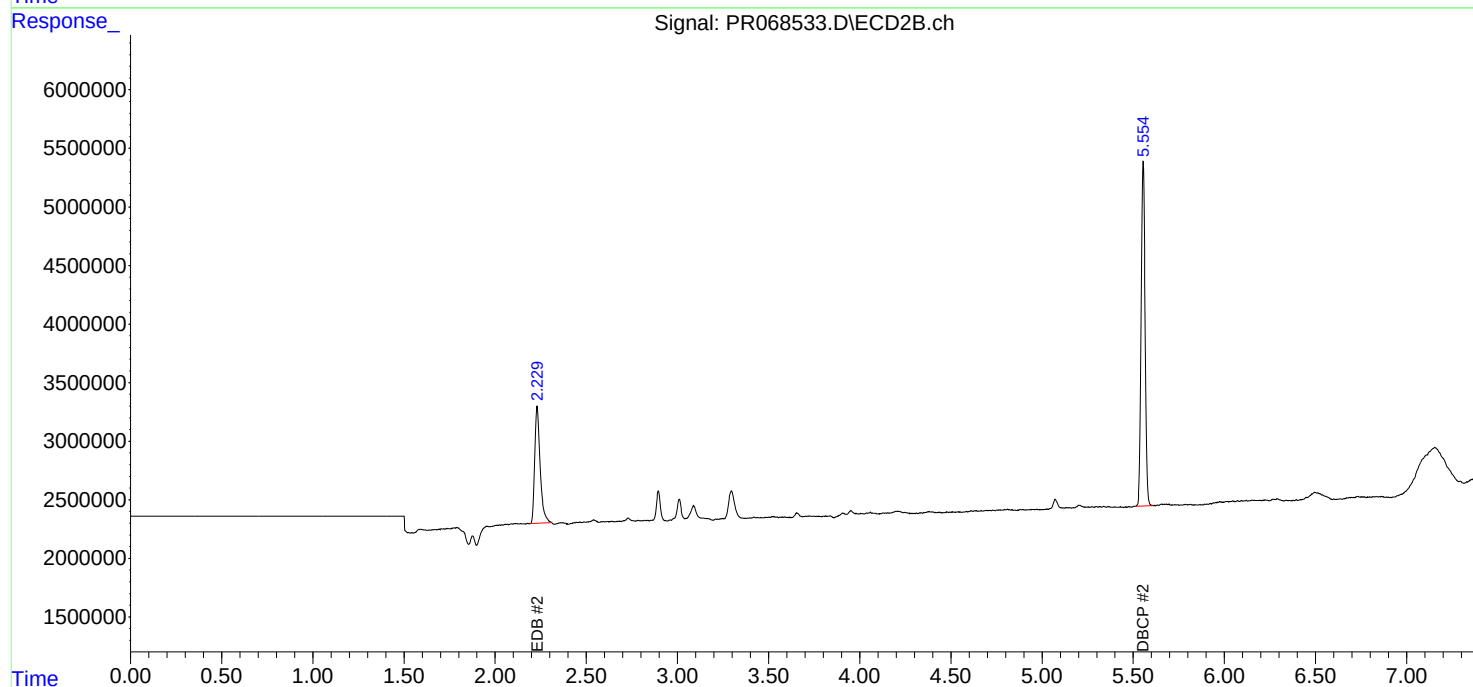
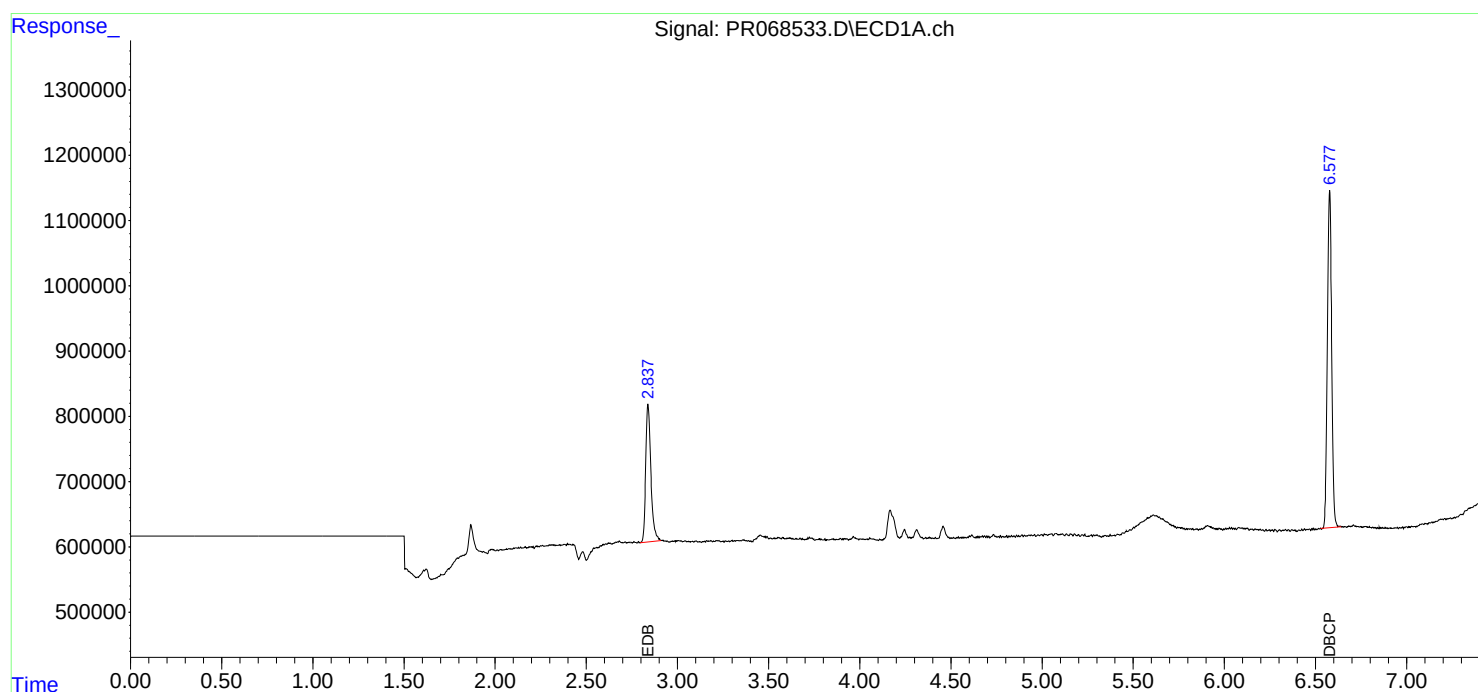
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 14:24
Operator : AJ\MA
Sample : P3845-20DL 4X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
RR-8011-WPDL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 14:26:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





CALIBRATION SUMMARY

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

[illegible]

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

LAB FILE ID:	RT 0.5 =	<u>PR068520.D</u>	RT 0.25 =	<u>PR068521.D</u>
	RT 0.1 =	PR068522.D	RT 0.05 =	PR068523.D
			RT 0.025 =	PR068524.D

[illegible]



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Instrument ID: ECD_R

Calibration Date(s): 09/11/2024 09/11/2024

Calibration Times: 11:54 12:44

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

LAB FILE ID:		CF 0.5 = <u>PR068520.D</u>		CF 0.25 = <u>PR068521.D</u>			
CF 0.1 = <u>PR068522.D</u>		CF 0.05 = <u>PR068523.D</u>		CF 0.025 = <u>PR068524.D</u>			
COMPOUND	CF 0.5	CF 0.25	CF 0.1	CF 0.05	CF 0.025	CF	% RSD
DBCP	25120500000	25711200000	26894000000	28515800000	27298600000	26708000000	5
EDB	13761800000	14300500000	15128900000	15480900000	14083200000	14551100000	5



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Instrument ID: ECD_R

Calibration Date(s): 09/11/2024 09/11/2024

Calibration Times: 11:54 12:44

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

LAB FILE ID:		CF 0.5 = <u>PR068520.D</u>		CF 0.25 = <u>PR068521.D</u>			
CF 0.1 = <u>PR068522.D</u>		CF 0.05 = <u>PR068523.D</u>		CF 0.025 = <u>PR068524.D</u>			
COMPOUND	CF 0.5	CF 0.25	CF 0.1	CF 0.05	CF 0.025	CF	% RSD
DBCP	130710000000	133056000000	141053000000	149210000000	137898000000	138385000000	5
EDB	70504900000	72410600000	78010100000	82568200000	77180500000	76134900000	6



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Instrument ID: _____ Date(s) Analyzed: _____

GC Column: _____ ID: _____ (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
		1				
		2				
		3				
		4				
		5				

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
 Data File : PR068520.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2024 11:54
 Operator : AJ\MA
 Sample : M8011.504.1 0.5 PPB ICC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 M8011.504.1 0.5 PPB ICC

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 12:11:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 11 12:08:33 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.840	2.231	6880896	35252429	0.455	0.452
2) SA DBCP	6.579	5.555	12560229	65355134	0.467	0.463

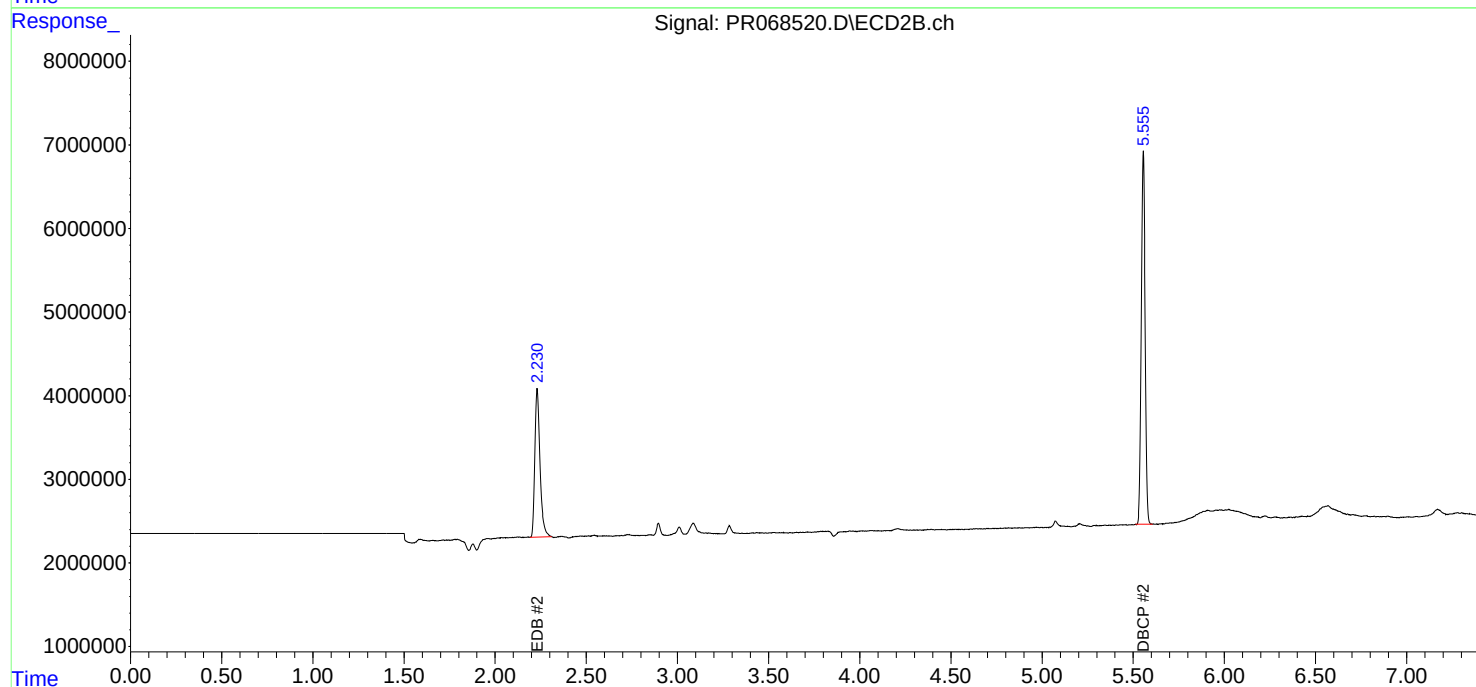
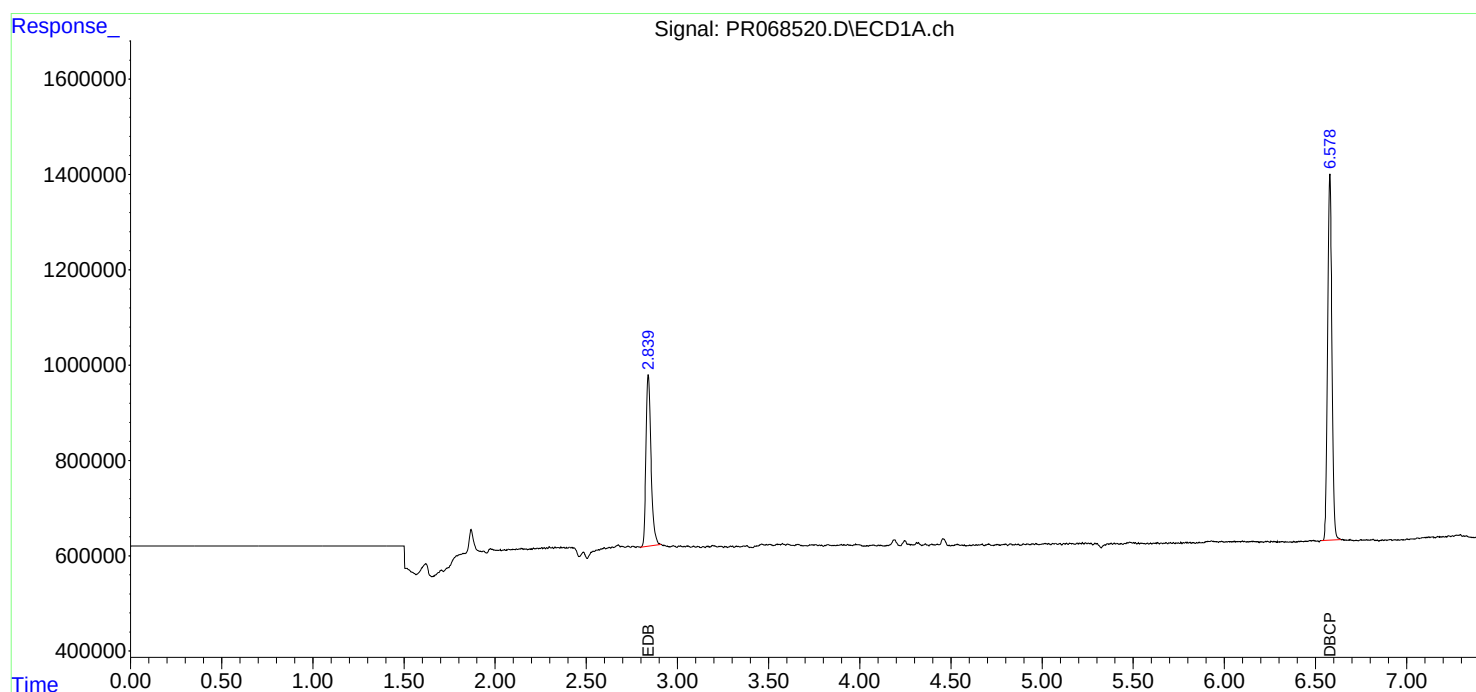
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 11:54
Operator : AJ\MA
Sample : M8011.504.1 0.5 PPB ICC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011.504.1 0.5 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:11:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:08:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:04
Operator : AJ\MA
Sample : M8011.504.1 0.25 PPB ICC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011.504.1 0.25 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:12:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:08:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.840	2.230	3575135	18102648	0.236	0.232
2) SA DBCP	6.579	5.555	6427799	33264121	0.239	0.236

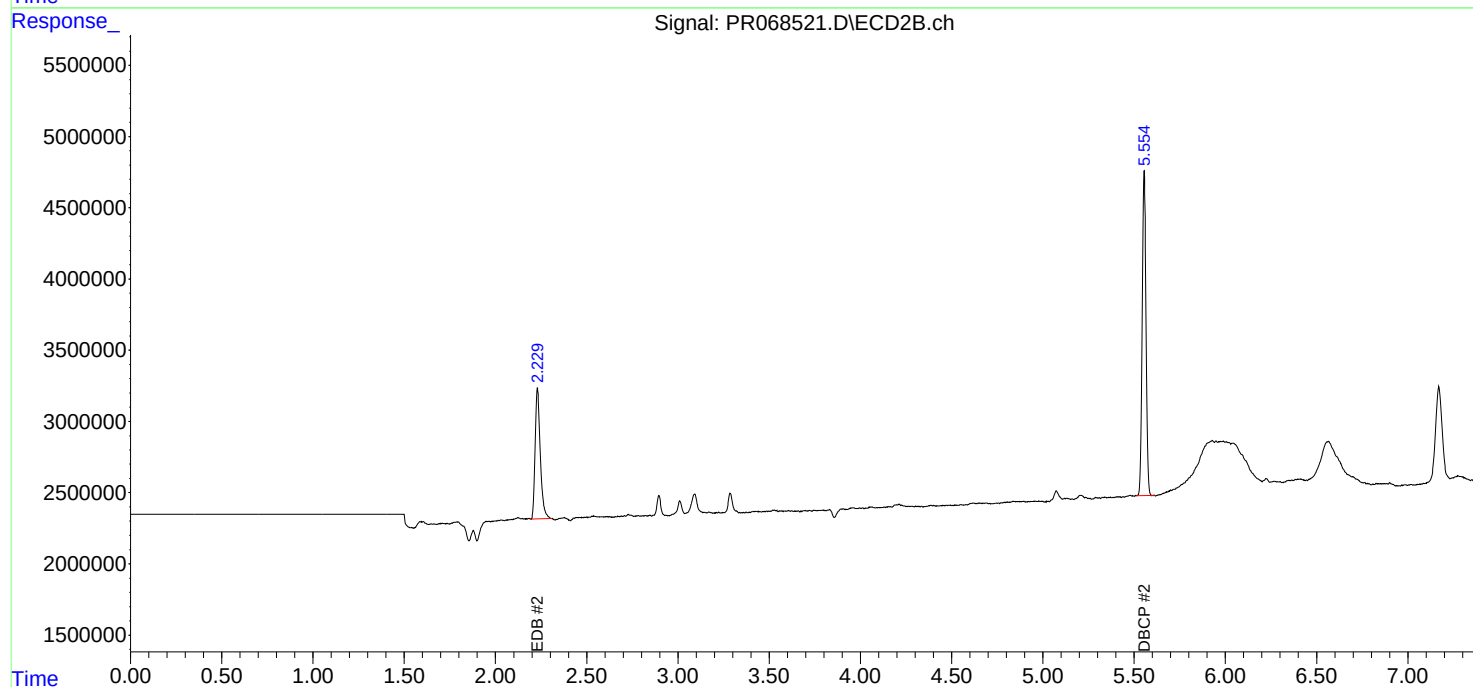
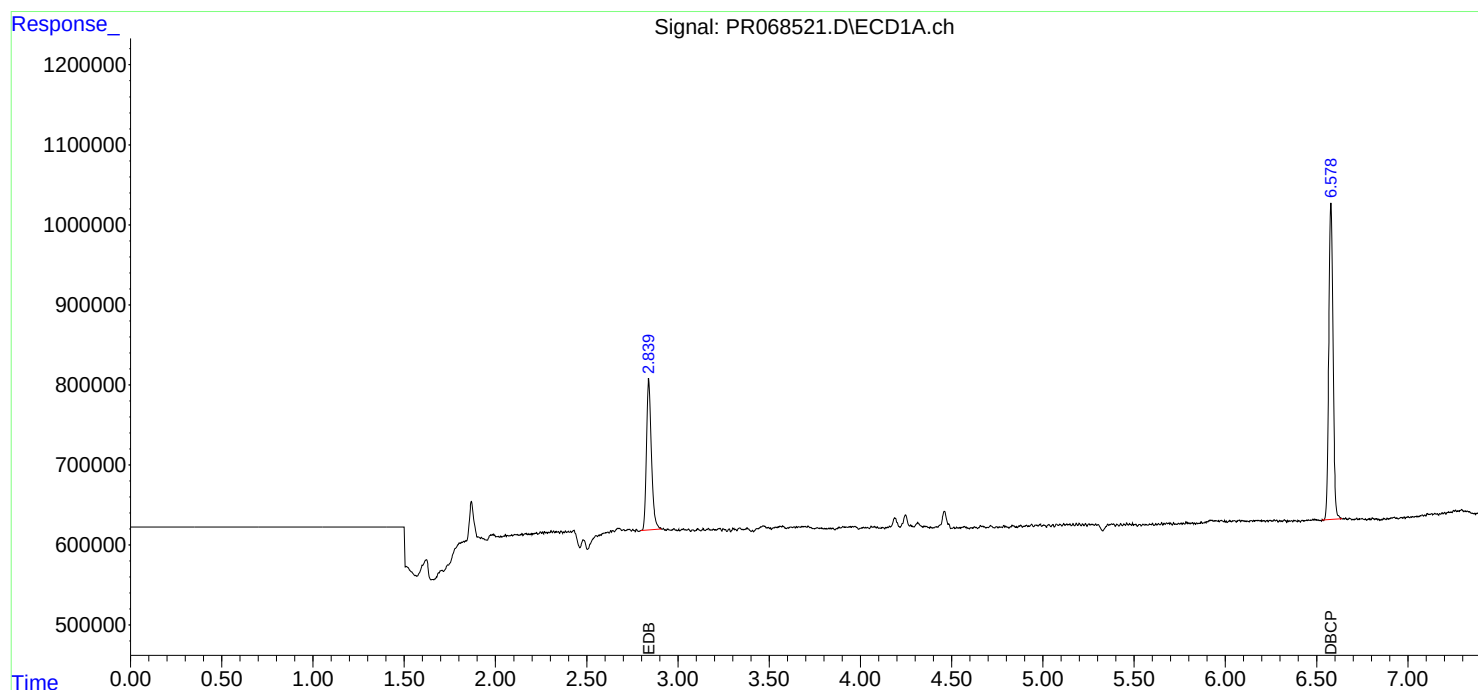
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:04
Operator : AJ\MA
Sample : M8011.504.1 0.25 PPB ICC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011.504.1 0.25 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:12:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:08:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:13
Operator : AJ\MA
Sample : M8011.504.1 0.1 PPB ICC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011.504.1 0.1 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:08:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:08:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.840	2.231	1512888	7801012	0.100	0.100
2) SA DBCP	6.579	5.555	2689396	14105274	0.100	0.100

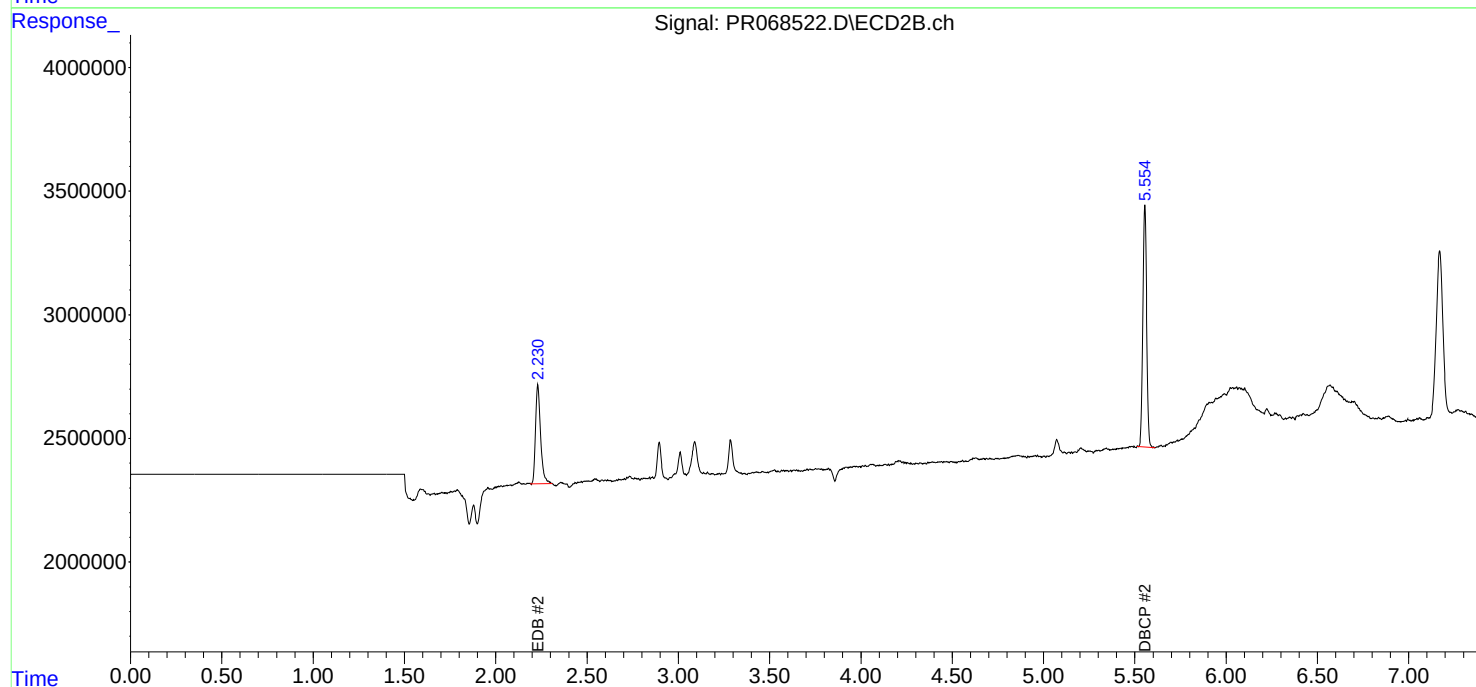
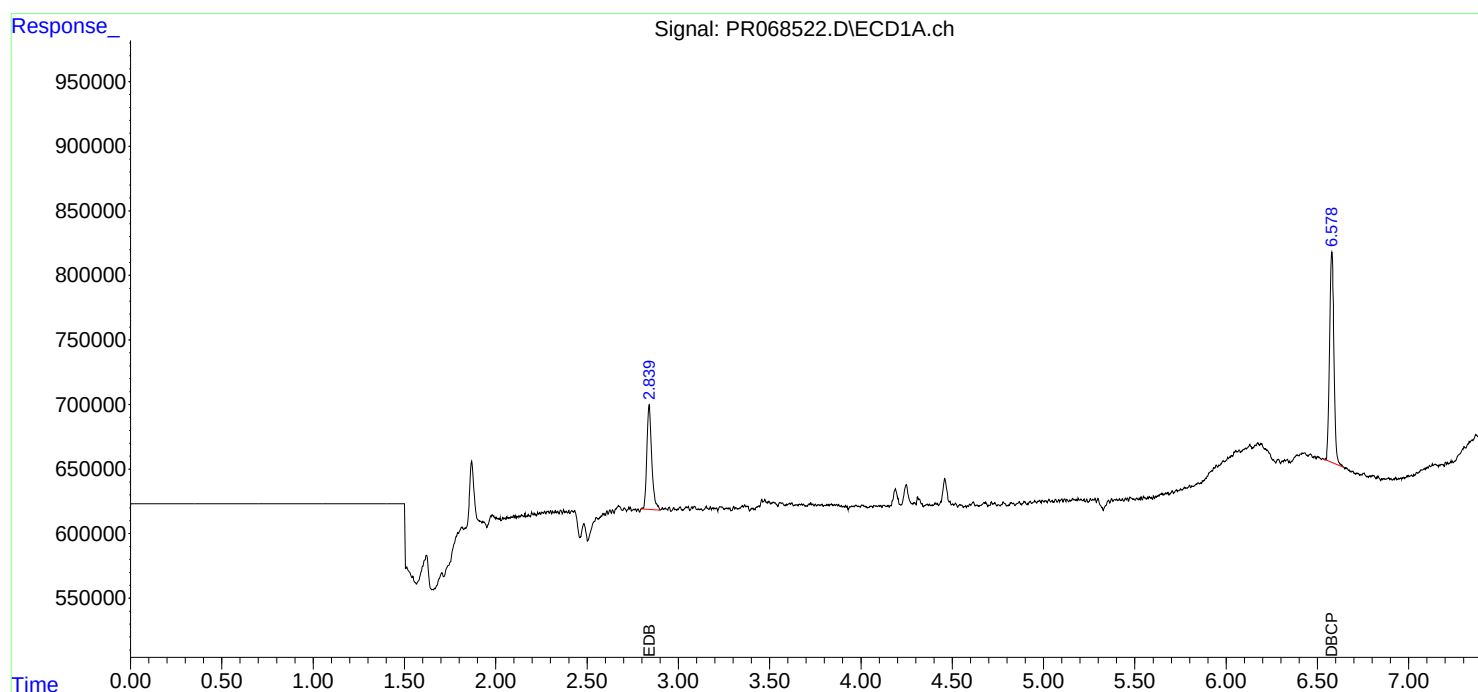
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:13
Operator : AJ\MA
Sample : M8011.504.1 0.1 PPB ICC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011.504.1 0.1 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:08:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:08:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:23
Operator : AJ\MA
Sample : M8011.504.1 0.05 PPB ICC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011.504.1 0.05 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:16:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:08:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.840	2.230	774045	4128410	0.051	0.053
2) SA DBCP	6.579	5.555	1425792	7460477	0.053	0.053

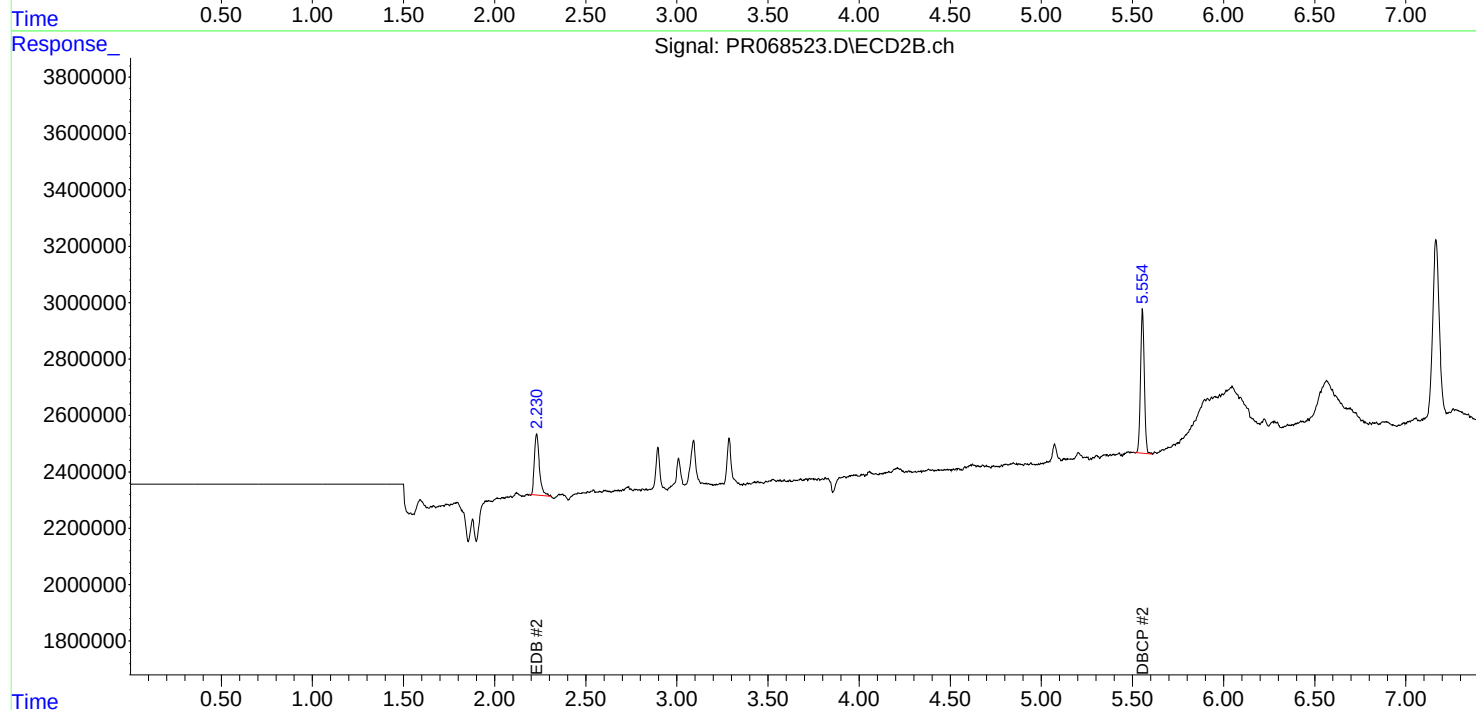
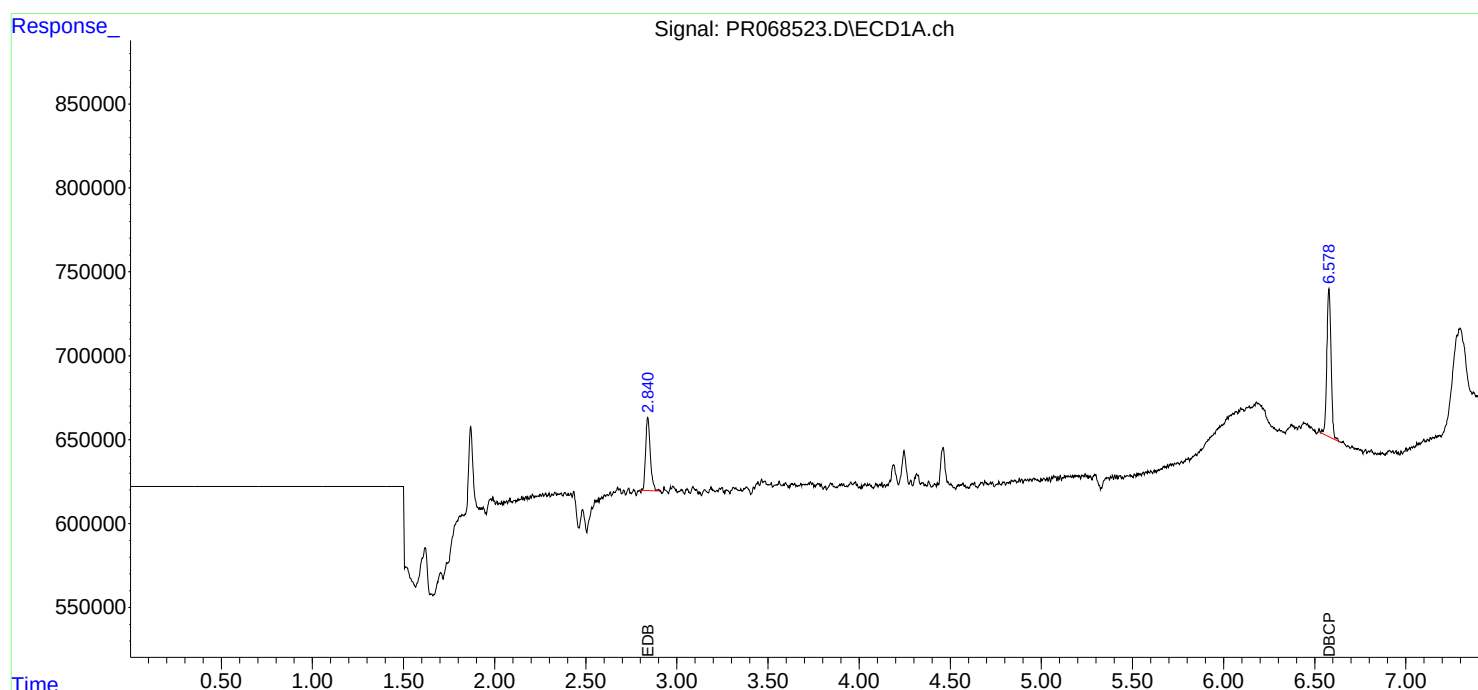
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:23
Operator : AJ\MA
Sample : M8011.504.1 0.05 PPB ICC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011.504.1 0.05 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:16:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:08:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:44
Operator : AJ\MA
Sample : M8011.504.1 0.025 PPB ICC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011.504.1 0.025 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:58:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:08:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.841	2.229	352080	1929513	0.024	0.025
2) SA DBCP	6.579	5.554	682465	3447454	0.026	0.025

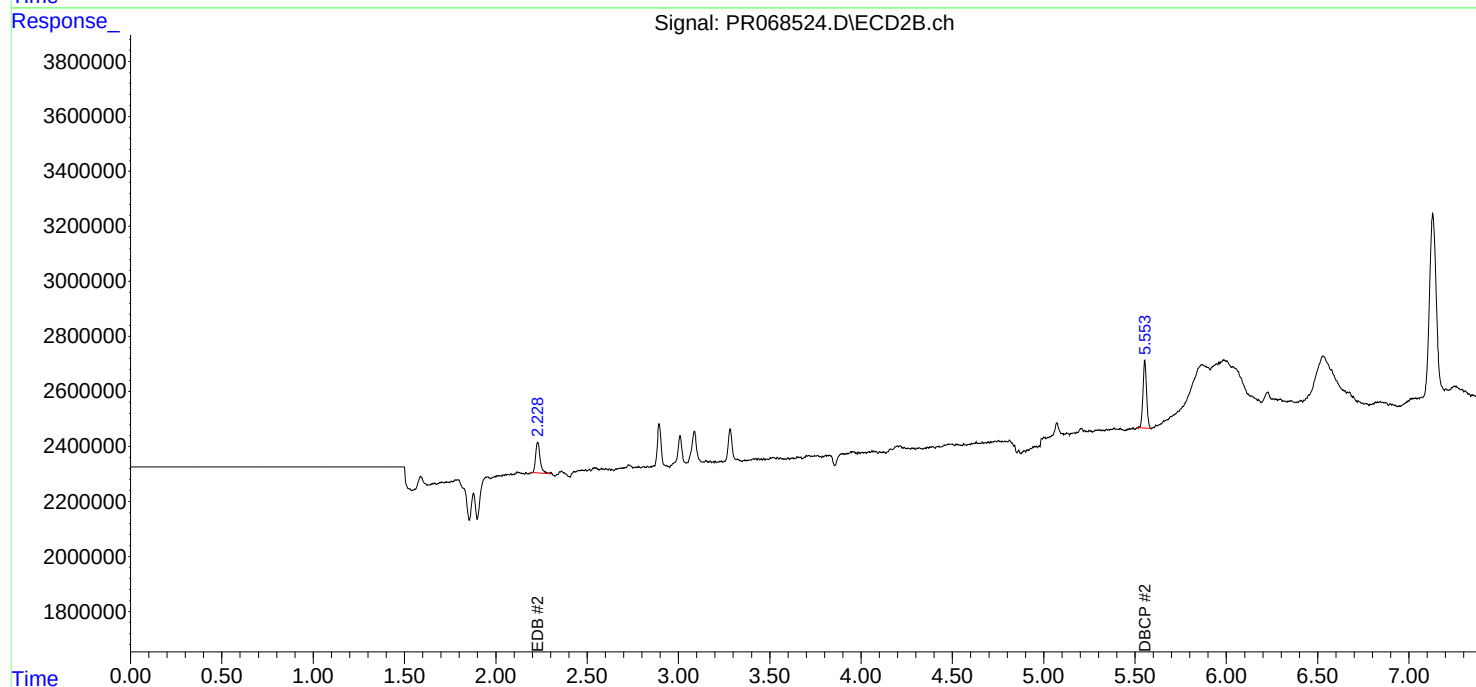
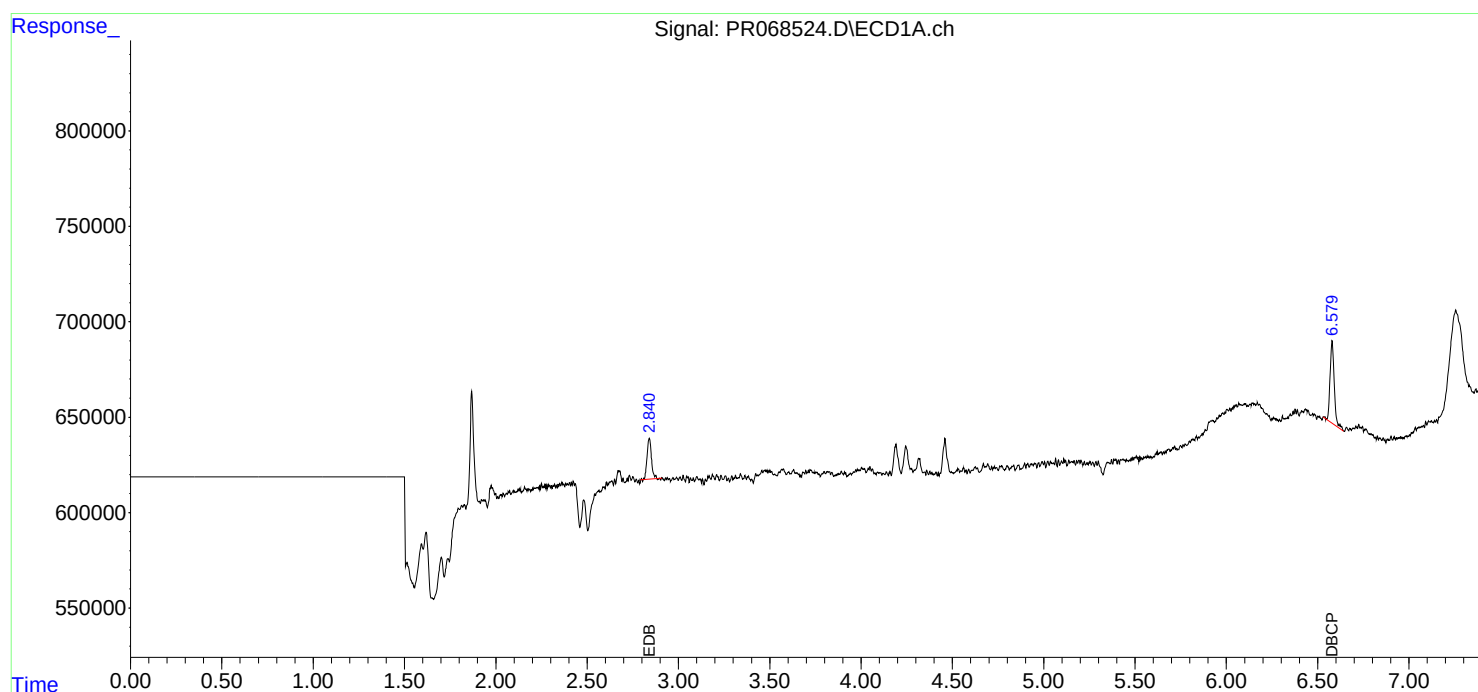
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:44
Operator : AJ\MA
Sample : M8011.504.1 0.025 PPB ICC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011.504.1 0.025 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:58:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:08:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:53
Operator : AJ\MA
Sample : M8011.504.1 0.1 PPB ICV
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
ICVPR091124

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:58:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.840	2.231	1507046	7904708	0.104	0.104
2) SA DBCP	6.578	5.554	2713811	14249506	0.102	0.103

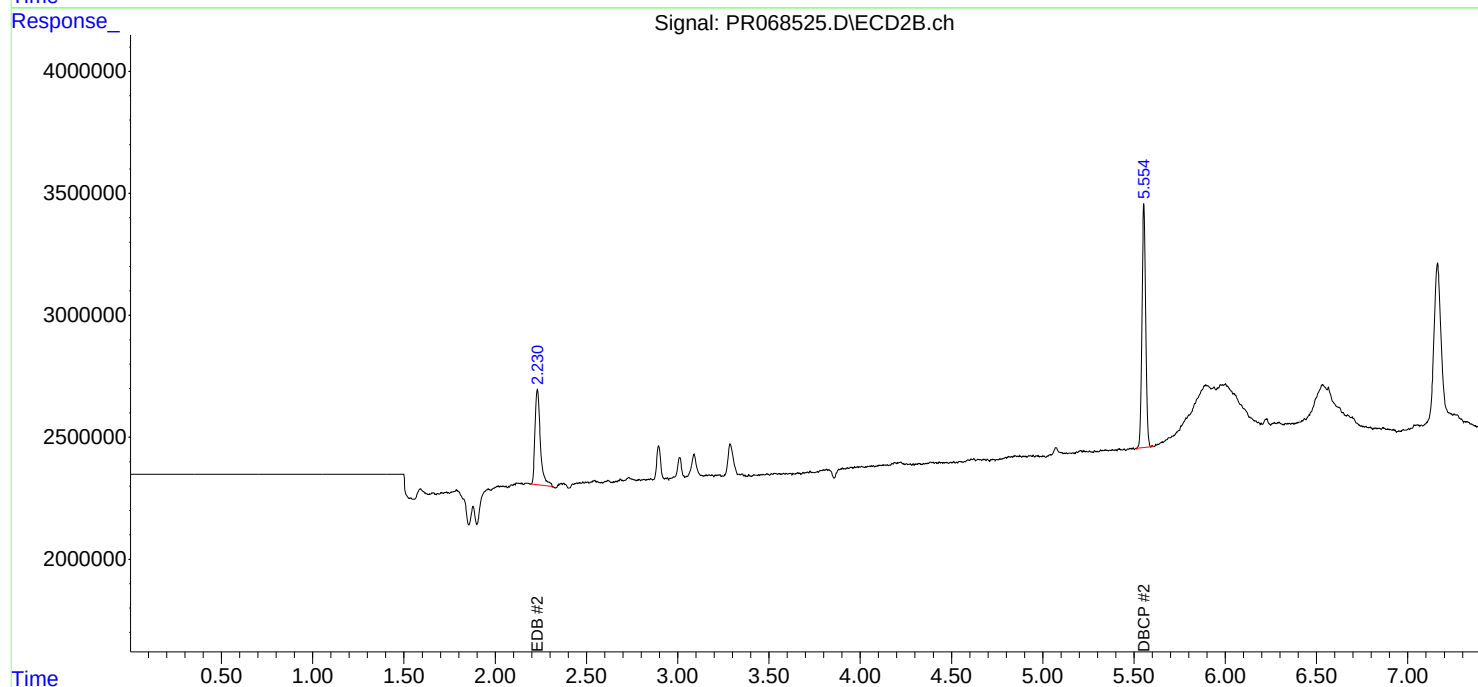
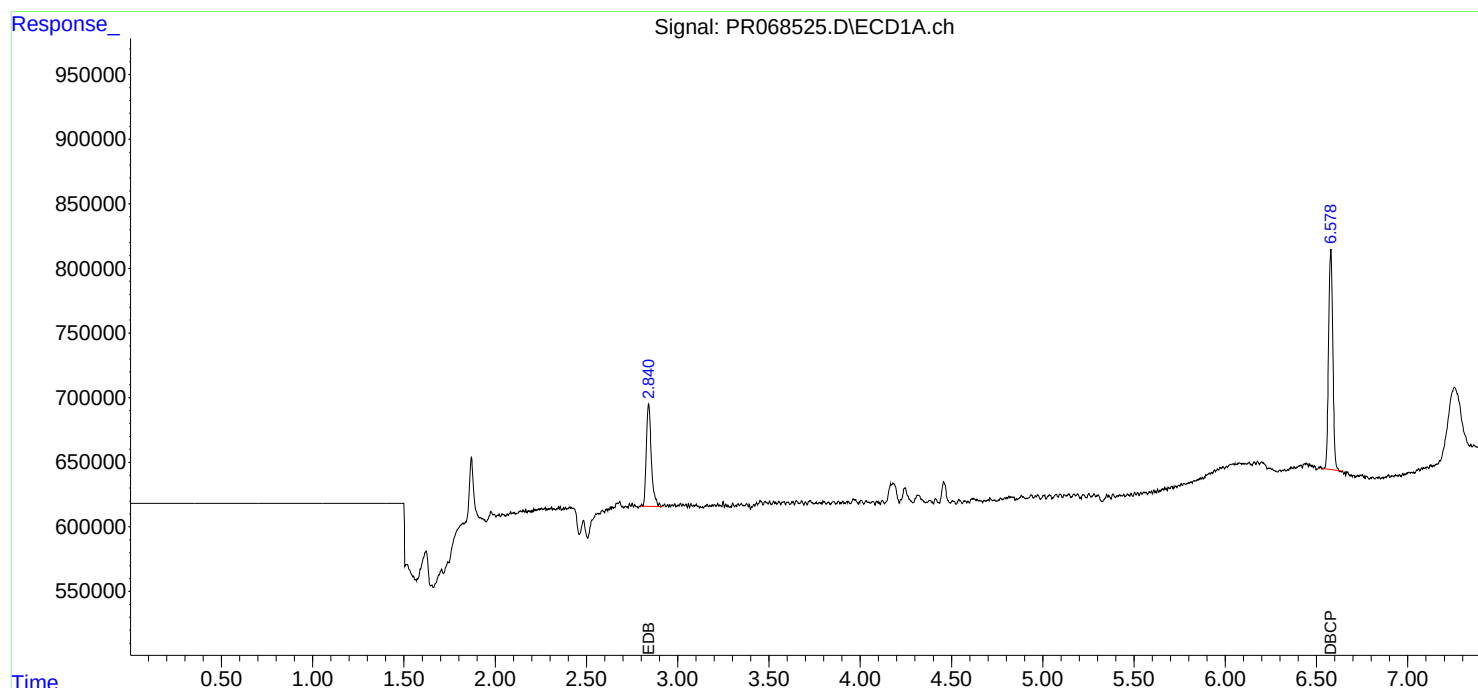
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 12:53
Operator : AJ\MA
Sample : M8011.504.1 0.1 PPB ICV
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
ICVPR091124

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 12:58:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Continuing Calib Date: 09/11/2024 Initial Calibration Date(s): 09/11/2024 09/11/2024

Continuing Calib Time: 13:12 Initial Calibration Time(s): 11:54 12:44

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DBCP	6.58	6.58	6.48	6.68	0.00
EDB	2.84	2.84	2.74	2.94	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Continuing Calib Date: 09/11/2024 Initial Calibration Date(s): 09/11/2024 09/11/2024

Continuing Calib Time: 13:12 Initial Calibration Time(s): 11:54 12:44

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DBCP	5.55	5.56	5.46	5.66	0.01
EDB	2.23	2.23	2.13	2.33	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/11/2024 09/11/2024

Client Sample No.: CCAL01 Date Analyzed: 09/11/2024

Lab Sample No.: M8011-504 CCC 0. Data File : PR068527.D Time Analyzed: 13:12

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
DBCP	6.578	6.479	6.679	0.100	0.100	0.0
EDB	2.840	2.740	2.940	0.110	0.100	0.0



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/11/2024 09/11/2024

Client Sample No.: CCAL01 Date Analyzed: 09/11/2024

Lab Sample No.: M8011-504 CCC 0. Data File : PR068527.D Time Analyzed: 13:12

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
DBCP	5.554	5.455	5.655	0.100	0.100	0.0
EDB	2.231	2.131	2.331	0.100	0.100	0.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
 Data File : PR068527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2024 13:12
 Operator : AJ\MA
 Sample : M8011-504 CCC 0.1 PPB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 M8011-504 CCC 0.1 PPB

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 13:04:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 11 12:58:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.840	2.231	1539981	7654393	0.106	0.101
2) SA DBCP	6.578	5.554	2697105	14134342	0.101	0.102

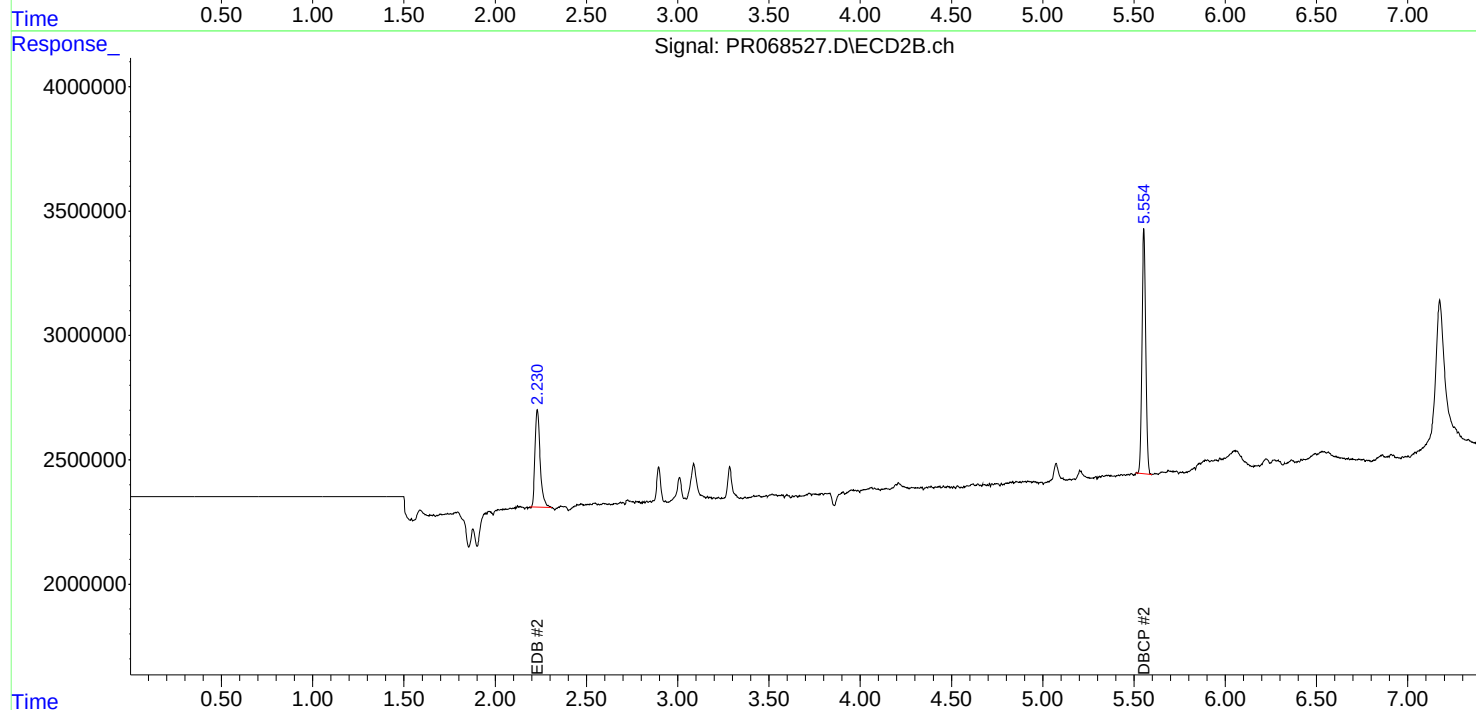
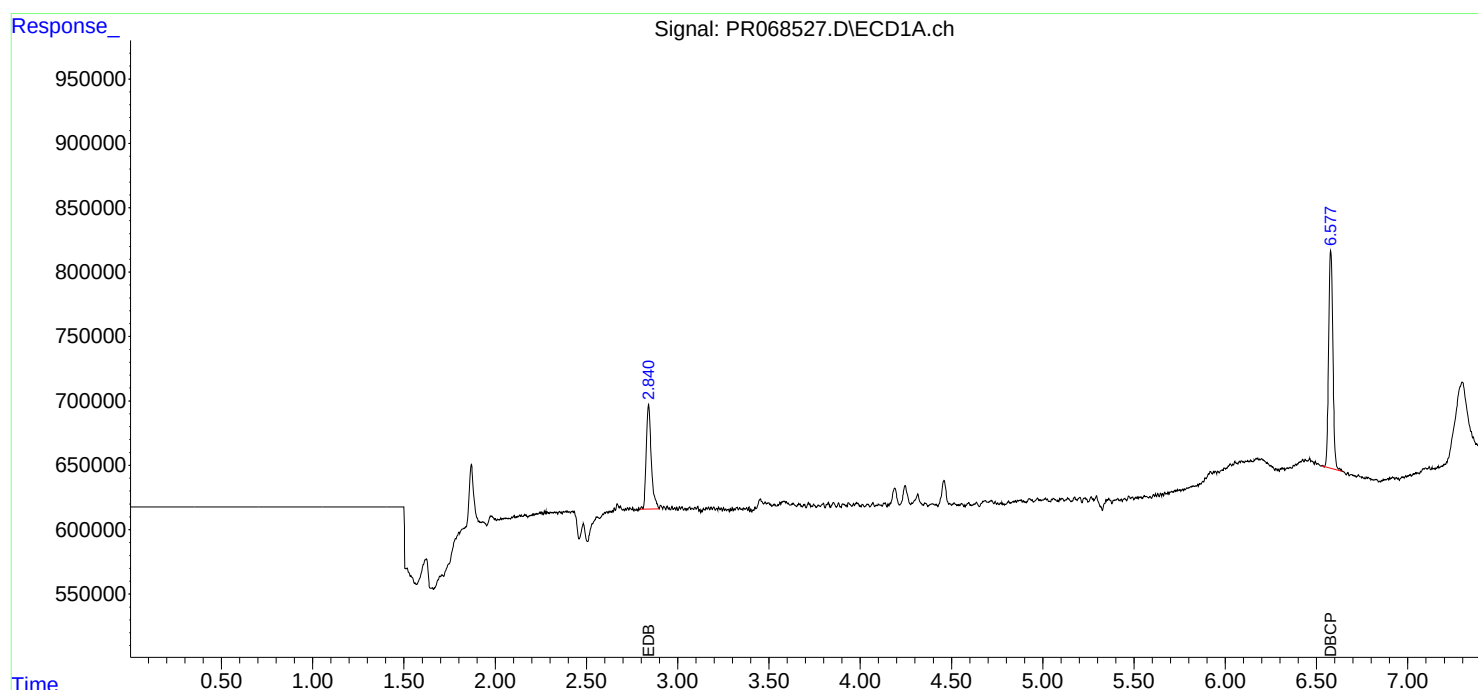
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068527.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 13:12
Operator : AJ\MA
Sample : M8011-504 CCC 0.1 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011-504 CCC 0.1 PPB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 13:04:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Continuing Calib Date: 09/11/2024 Initial Calibration Date(s): 09/11/2024 09/11/2024

Continuing Calib Time: 14:34 Initial Calibration Time(s): 11:54 12:44

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DBCP	6.58	6.58	6.48	6.68	0.00
EDB	2.84	2.84	2.74	2.94	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

Continuing Calib Date: 09/11/2024 Initial Calibration Date(s): 09/11/2024 09/11/2024

Continuing Calib Time: 14:34 Initial Calibration Time(s): 11:54 12:44

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DBCP	5.55	5.56	5.46	5.66	0.01
EDB	2.23	2.23	2.13	2.33	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/11/2024 09/11/2024

Client Sample No.: CCAL02 Date Analyzed: 09/11/2024

Lab Sample No.: M8011-504 CCC 0. Data File : PR068534.D Time Analyzed: 14:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
DBCP	6.578	6.479	6.679	0.100	0.100	0.0
EDB	2.839	2.740	2.940	0.110	0.100	0.0



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: P3845 SAS No.: P3845 SDG NO.: P3845

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/11/2024 09/11/2024

Client Sample No.: CCAL02 Date Analyzed: 09/11/2024

Lab Sample No.: M8011-504 CCC 0. Data File : PR068534.D Time Analyzed: 14:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
DBCP	5.554	5.455	5.655	0.100	0.100	0.0
EDB	2.230	2.131	2.331	0.100	0.100	0.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068534.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 14:34
Operator : AJ\MA
Sample : M8011-504 CCC 0.1 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011-504 CCC 0.1 PPB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 14:26:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.839	2.230	1562600	7719939	0.107	0.101
2) SA DBCP	6.578	5.554	2699585	14088324	0.101	0.102

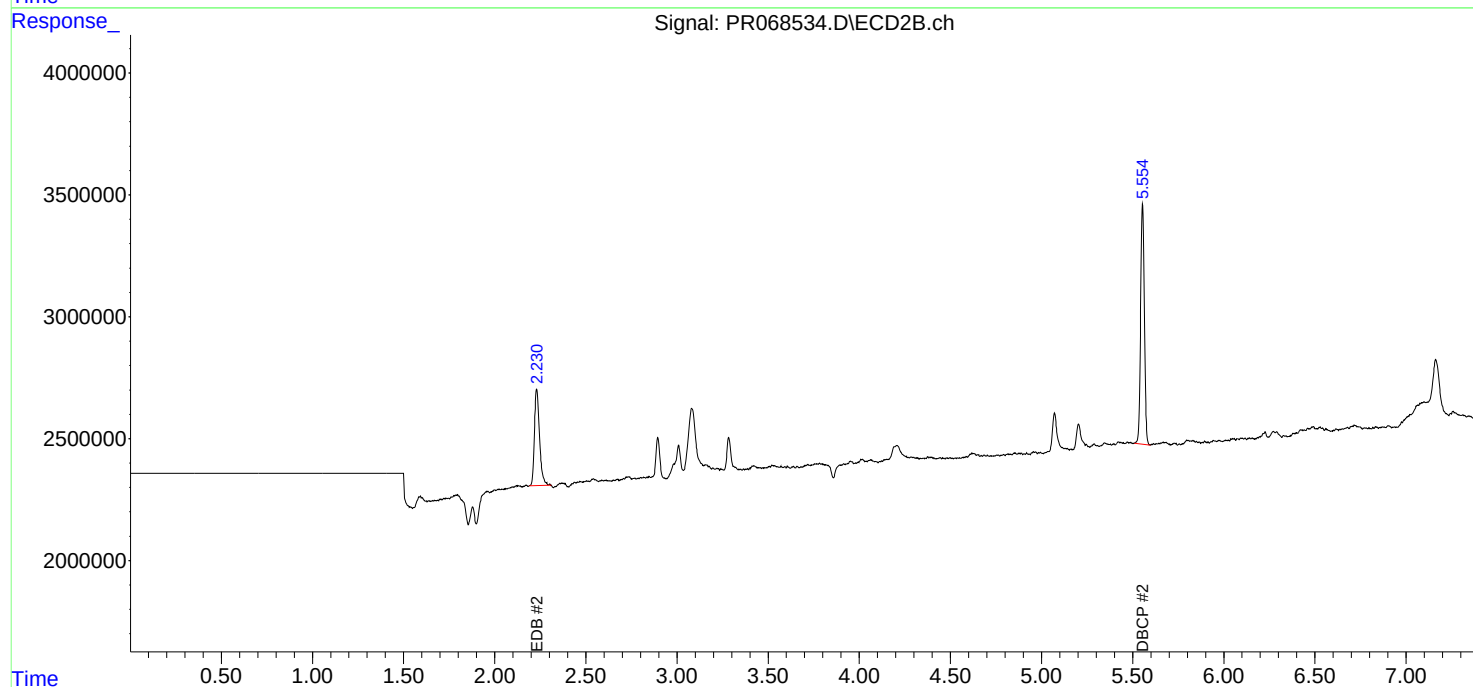
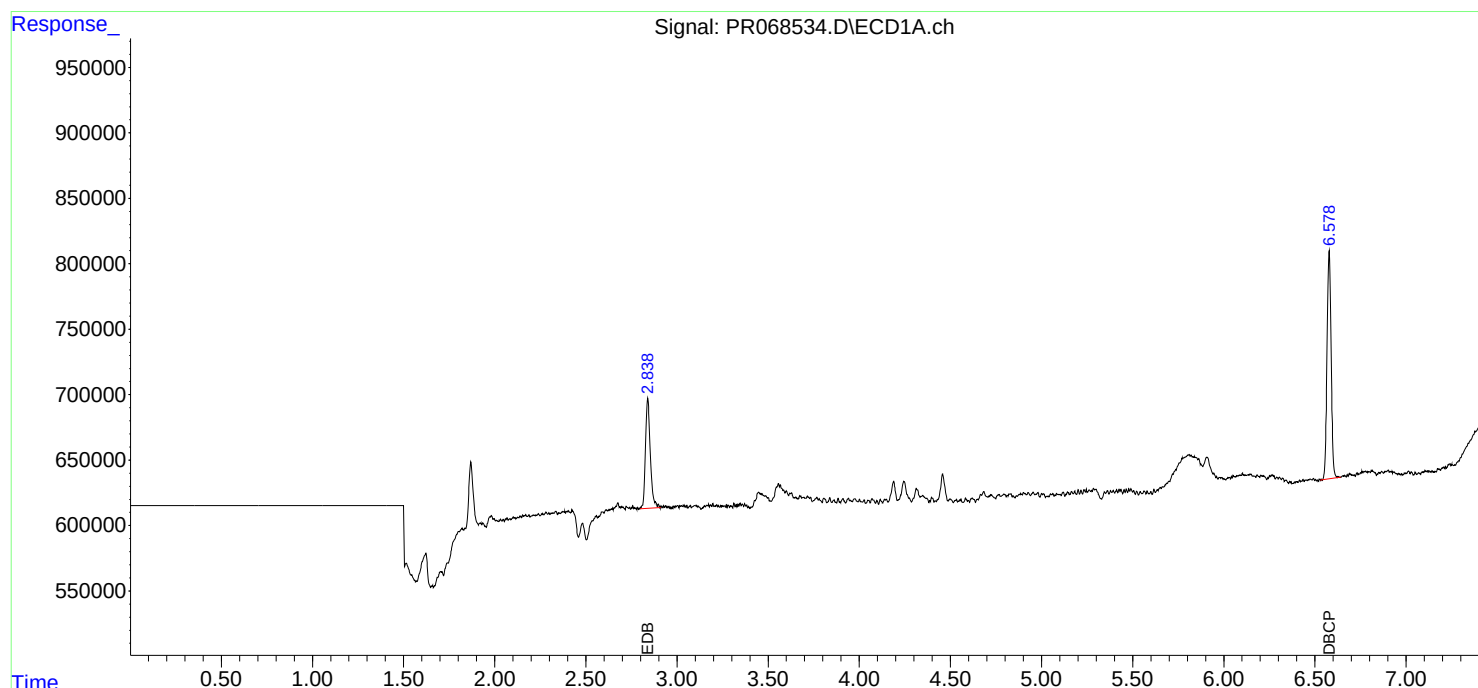
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068534.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 14:34
Operator : AJ\MA
Sample : M8011-504 CCC 0.1 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
M8011-504 CCC 0.1 PPB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 14:26:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P3845

Project: NJ Waste Water PT

Instrument ID: ECD_R

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/11/2024 09/11/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
M8011.504.1 0.5 PPB ICC	M8011.504.1 0.5 PPB ICC	09/11/2024	11:54	PR068520.D	0.00	0.00
M8011.504.1 0.25 PPB ICC	M8011.504.1 0.25 PPB ICC	09/11/2024	12:04	PR068521.D	0.00	0.00
M8011.504.1 0.1 PPB ICC	M8011.504.1 0.1 PPB ICC	09/11/2024	12:13	PR068522.D	0.00	0.00
M8011.504.1 0.05 PPB ICC	M8011.504.1 0.05 PPB ICC	09/11/2024	12:23	PR068523.D	0.00	0.00
M8011.504.1 0.025 PPB ICC	M8011.504.1 0.025 PPB ICC	09/11/2024	12:44	PR068524.D	0.00	0.00
M8011-504 CCC 0.1 PPB	M8011-504 CCC 0.1 PPB	09/11/2024	13:12	PR068527.D	0.00	0.00
PB163254BL	PB163254BL	09/11/2024	13:43	PR068529.D	0.00	0.00
PB163254BS	PB163254BS	09/11/2024	13:53	PR068530.D	0.00	0.00
PB163254BSD	PB163254BSD	09/11/2024	14:03	PR068531.D	0.00	0.00
RR-8011-WP	P3845-20	09/11/2024	14:12	PR068532.D	0.00	0.00
RR-8011-WPDL	P3845-20DL	09/11/2024	14:24	PR068533.D	0.00	0.00
M8011-504 CCC 0.1 PPB	M8011-504 CCC 0.1 PPB	09/11/2024	14:34	PR068534.D	0.00	0.00

Analytical Sequence

Client: Chemtech Consulting Group	SDG No.: P3845
Project: NJ Waste Water PT	Instrument ID: ECD_R
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/11/2024 09/11/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
M8011.504.1 0.5 PPB ICC	M8011.504.1 0.5 PPB ICC	09/11/2024	11:54	PR068520.D	0.00	0.00
M8011.504.1 0.25 PPB ICC	M8011.504.1 0.25 PPB ICC	09/11/2024	12:04	PR068521.D	0.00	0.00
M8011.504.1 0.1 PPB ICC	M8011.504.1 0.1 PPB ICC	09/11/2024	12:13	PR068522.D	0.00	0.00
M8011.504.1 0.05 PPB ICC	M8011.504.1 0.05 PPB ICC	09/11/2024	12:23	PR068523.D	0.00	0.00
M8011.504.1 0.025 PPB ICC	M8011.504.1 0.025 PPB ICC	09/11/2024	12:44	PR068524.D	0.00	0.00
M8011-504 CCC 0.1 PPB	M8011-504 CCC 0.1 PPB	09/11/2024	13:12	PR068527.D	0.00	0.00
PB163254BL	PB163254BL	09/11/2024	13:43	PR068529.D	0.00	0.00
PB163254BS	PB163254BS	09/11/2024	13:53	PR068530.D	0.00	0.00
PB163254BSD	PB163254BSD	09/11/2024	14:03	PR068531.D	0.00	0.00
RR-8011-WP	P3845-20	09/11/2024	14:12	PR068532.D	0.00	0.00
RR-8011-WPDL	P3845-20DL	09/11/2024	14:24	PR068533.D	0.00	0.00
M8011-504 CCC 0.1 PPB	M8011-504 CCC 0.1 PPB	09/11/2024	14:34	PR068534.D	0.00	0.00



QC SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB163254BL	SDG No.:	P3845
Lab Sample ID:	PB163254BL	Matrix:	WATER
Analytical Method:	8011	% Solid:	0 Decanted:
Sample Wt/Vol:	35 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	VOCGC Group 1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR068529.D	1	09/11/24 09:30	09/11/24 13:43	PB163254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
96-12-8	DBCP	0.0070	U	0.0070	0.025	ug/L
106-93-4	EDB	0.0085	U	0.0085	0.025	ug/L

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 13:43
Operator : AJ\MA
Sample : PB163254BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
PB163254BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 13:50:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds

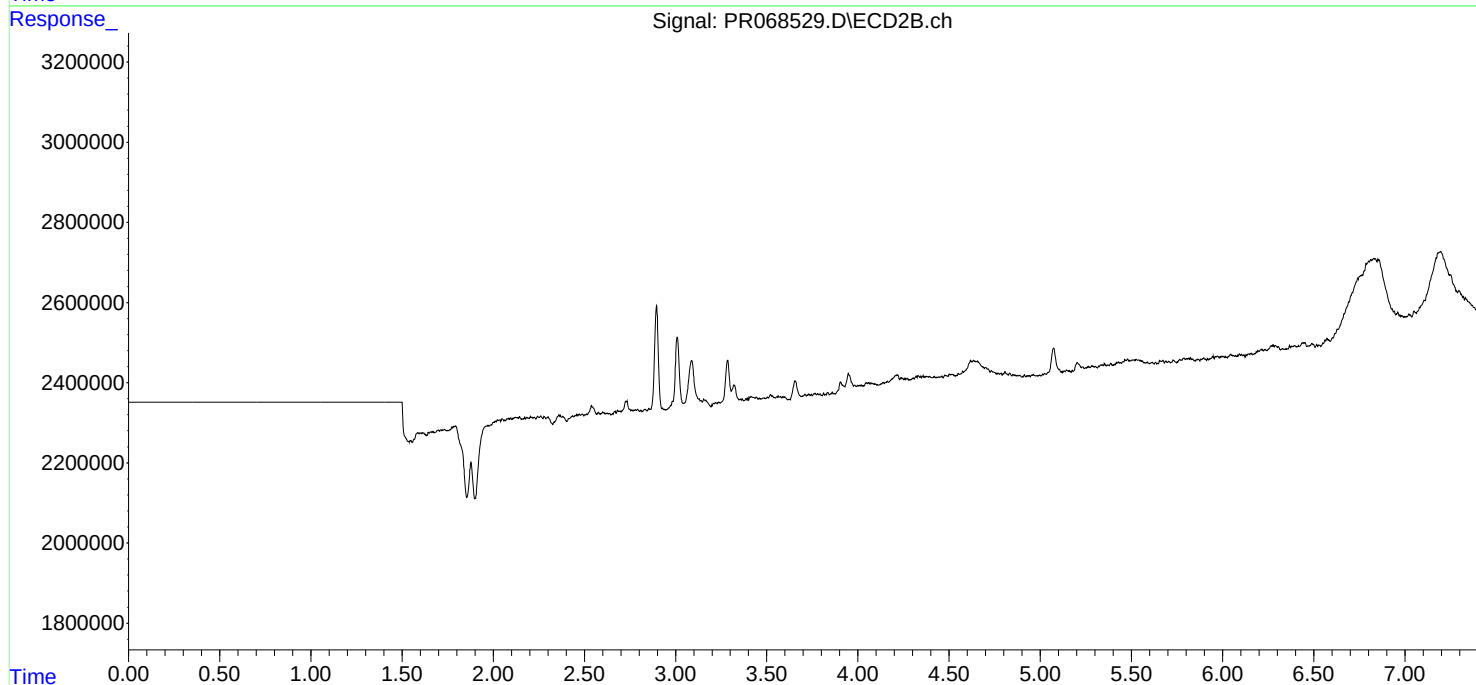
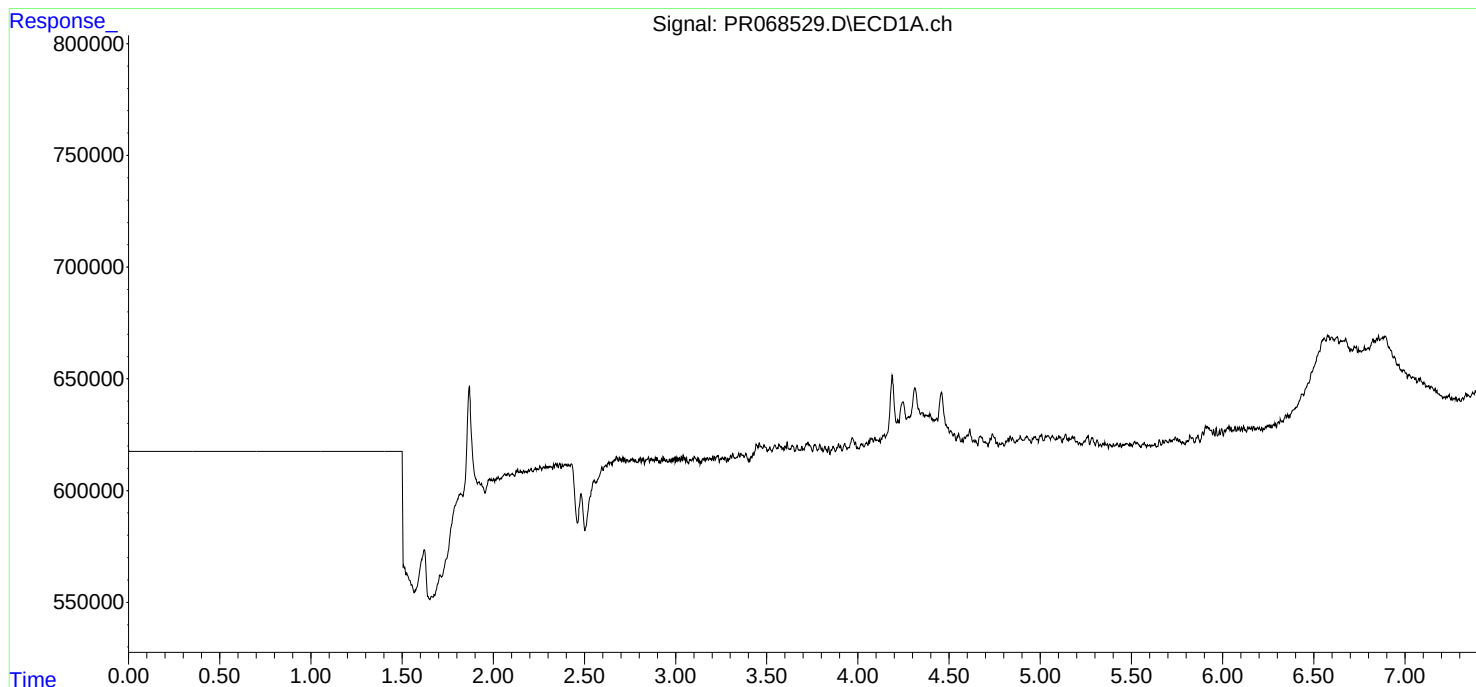
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 13:43
Operator : AJ\MA
Sample : PB163254BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
PB163254BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 13:50:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB163254BS	SDG No.:	P3845
Lab Sample ID:	PB163254BS	Matrix:	WATER
Analytical Method:	8011	% Solid:	0 Decanted:
Sample Wt/Vol:	35 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	VOCGC Group 1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR068530.D	1	09/11/24 09:30	09/11/24 13:53	PB163254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
96-12-8	DBCP	0.25		0.0070	0.025	ug/L
106-93-4	EDB	0.25		0.0085	0.025	ug/L

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
 Data File : PR068530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2024 13:53
 Operator : AJ\MA
 Sample : PB163254BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 PB163254BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 13:50:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 11 12:58:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.840	2.231	3663458	18583589	0.252	0.244
2) SA DBCP	6.578	5.554	6511437	34148678	0.244	0.247

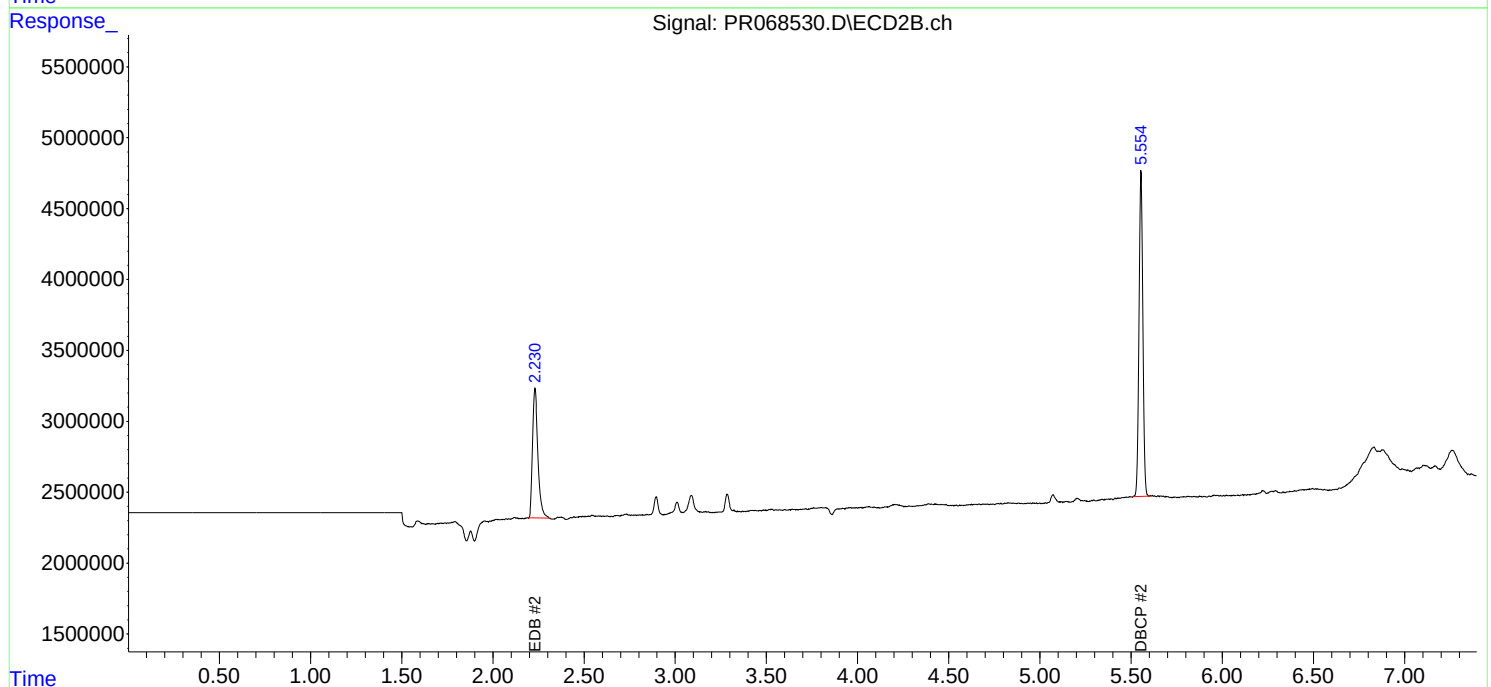
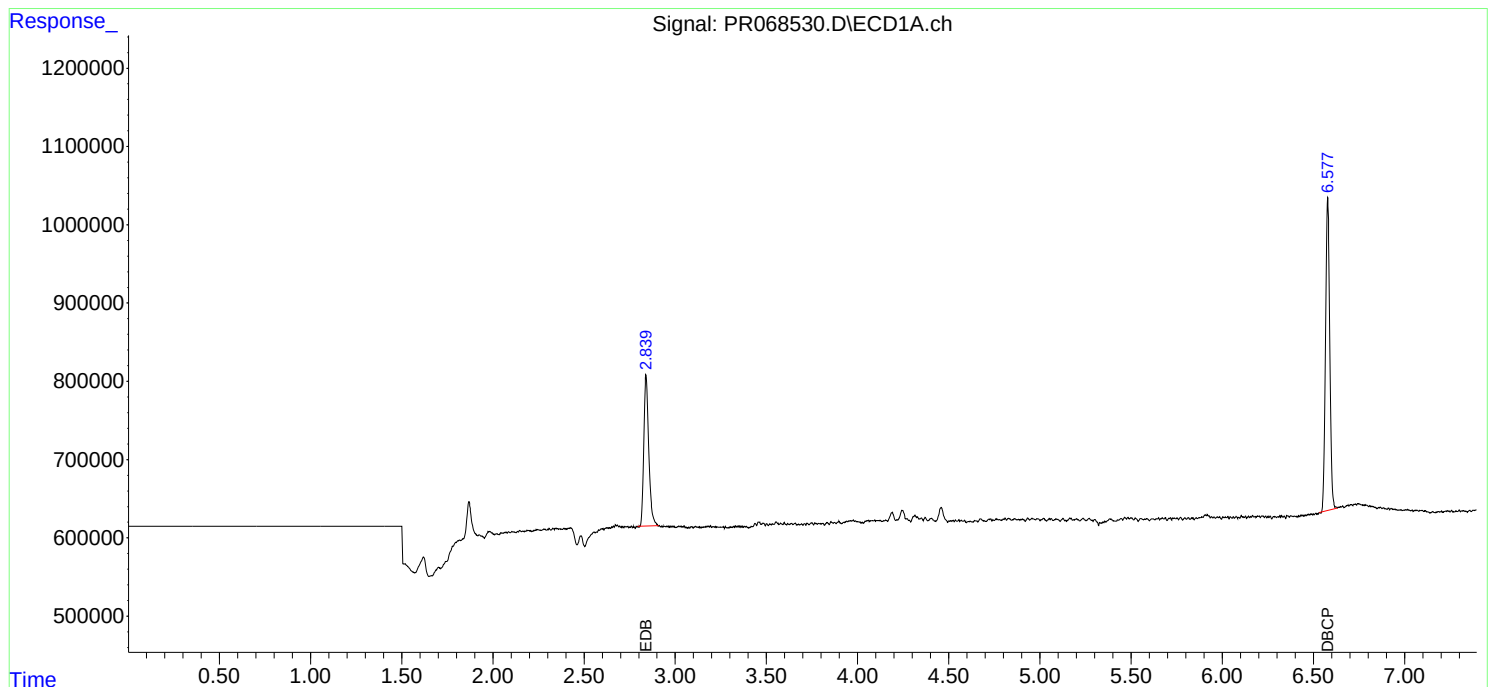
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 13:53
Operator : AJ\MA
Sample : PB163254BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
PB163254BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 13:50:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB163254BSD	SDG No.:	P3845
Lab Sample ID:	PB163254BSD	Matrix:	WATER
Analytical Method:	8011	% Solid:	0 Decanted:
Sample Wt/Vol:	35 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	VOCGC Group 1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR068531.D	1	09/11/24 09:30	09/11/24 14:03	PB163254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
96-12-8	DBCP	0.25		0.0070	0.025	ug/L
106-93-4	EDB	0.26		0.0085	0.025	ug/L

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
 Data File : PR068531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2024 14:03
 Operator : AJ\MA
 Sample : PB163254BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 PB163254BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 14:03:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 11 12:58:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

Target Compounds						
1) SA EDB	2.840	2.230	3721159	18861652	0.256	0.248
2) SA DBCP	6.578	5.554	6552713	34440276	0.245	0.249

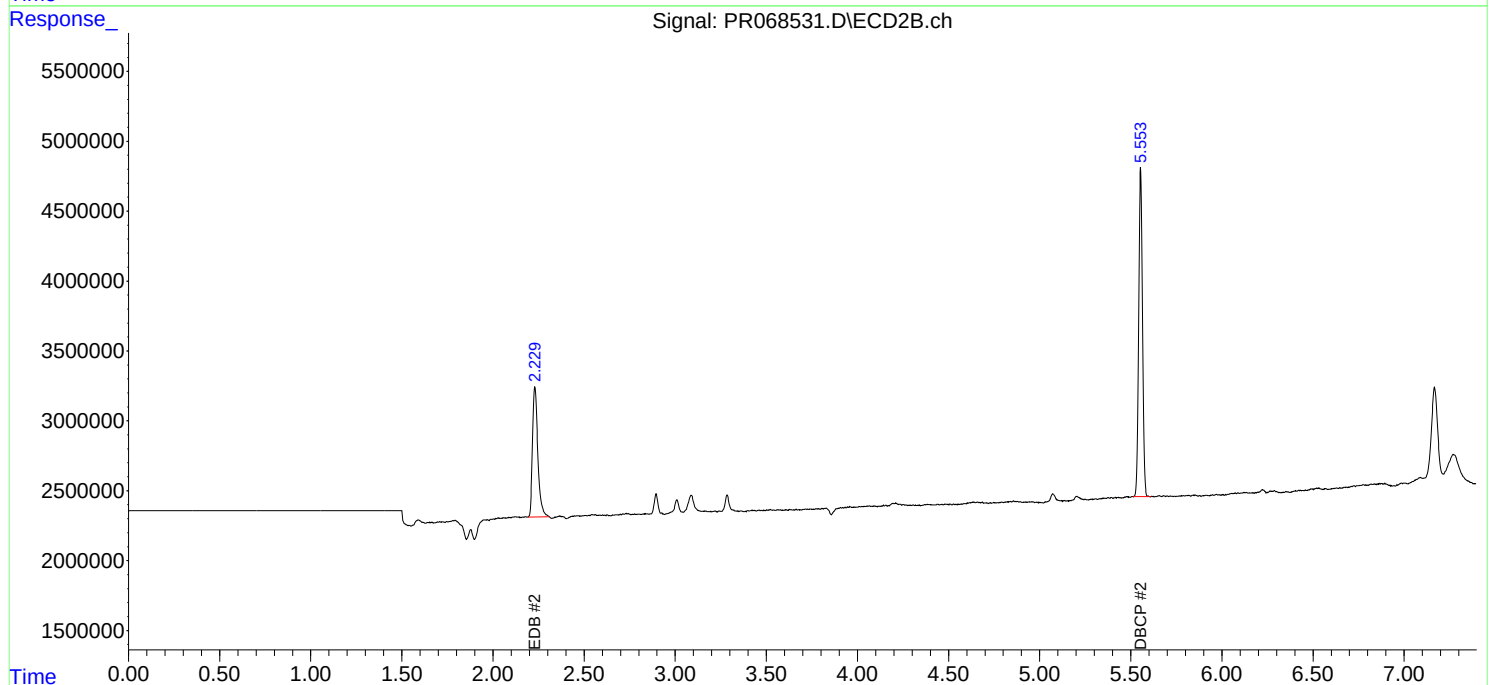
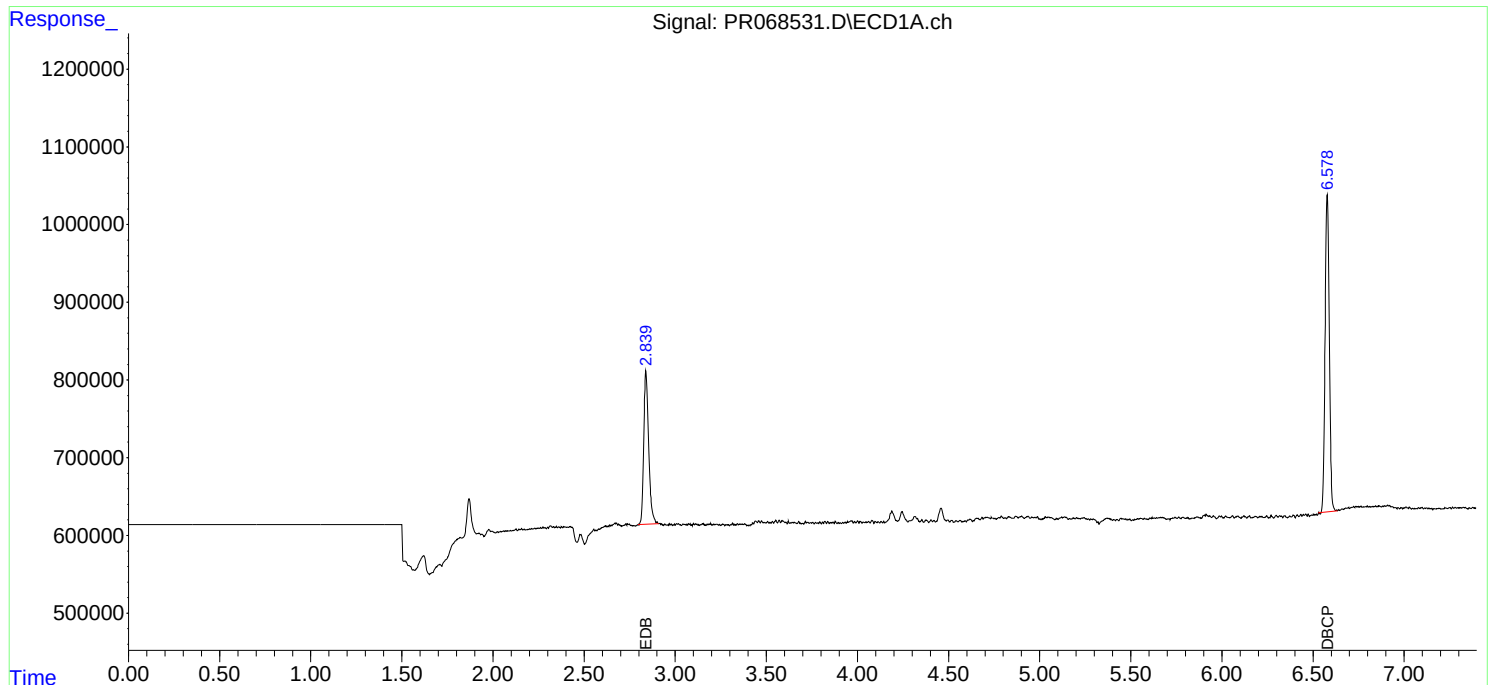
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091124\
Data File : PR068531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2024 14:03
Operator : AJ\MA
Sample : PB163254BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
PB163254BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 14:03:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091124-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 11 12:58:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





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

Manual Integration Report

Sequence:

PR091124

Instrument

ECD_r

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR091124

Review By	Ankita	Review On	9/11/2024 2:38:10 PM
Supervise By	Sohil	Supervise On	9/11/2024 2:41:18 PM
SubDirectory	PR091124	HP Acquire Method	HP Processing Method PR091124/8011
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23653,PP23654,PP23655,PP23656,PP23657		
CCC Internal Standard/PEM	PP23660		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23658		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PR068519.D	11 Sep 2024 11:45	AJMA	Ok
2	M8011.504.1 0.5 PPB ICC	PR068520.D	11 Sep 2024 11:54	AJMA	Ok
3	M8011.504.1 0.25 PPB ICC	PR068521.D	11 Sep 2024 12:04	AJMA	Ok
4	M8011.504.1 0.1 PPB ICC	PR068522.D	11 Sep 2024 12:13	AJMA	Ok
5	M8011.504.1 0.05 PPB ICC	PR068523.D	11 Sep 2024 12:23	AJMA	Ok
6	M8011.504.1 0.025 PPB ICC	PR068524.D	11 Sep 2024 12:44	AJMA	Ok
7	M8011.504.1 0.1 PPB ICV	PR068525.D	11 Sep 2024 12:53	AJMA	Ok
8	RT CHECK	PR068526.D	11 Sep 2024 13:03	AJMA	Ok
9	M8011-504 CCC 0.1 PPB	PR068527.D	11 Sep 2024 13:12	AJMA	Ok
10	Low-Level LFB-MDL Check	PR068528.D	11 Sep 2024 13:32	AJMA	Ok
11	PB163254BL	PR068529.D	11 Sep 2024 13:43	AJMA	Ok
12	PB163254BS	PR068530.D	11 Sep 2024 13:53	AJMA	Ok
13	PB163254BSD	PR068531.D	11 Sep 2024 14:03	AJMA	Ok
14	P3845-20	PR068532.D	11 Sep 2024 14:12	AJMA	Dilution
15	P3845-20DL	PR068533.D	11 Sep 2024 14:24	AJMA	Ok
16	M8011-504 CCC 0.1 PPB	PR068534.D	11 Sep 2024 14:34	AJMA	Ok

M : Manual Integration

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR091124

Review By	Ankita	Review On	9/11/2024 2:38:10 PM
Supervise By	Sohil	Supervise On	9/11/2024 2:41:18 PM
SubDirectory	PR091124	HP Acquire Method	HP Processing Method PR091124/8011

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23653,PP23654,PP23655,PP23656,PP23657
CCC Internal Standard/PEM	PP23660
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23658

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PR068519.D	11 Sep 2024 11:45		AJMA	Ok
2	M8011.504.1 0.5 PPB I	M8011.504.1 0.5 PPB I	PR068520.D	11 Sep 2024 11:54		AJMA	Ok
3	M8011.504.1 0.25 PPB	M8011.504.1 0.25 PPB	PR068521.D	11 Sep 2024 12:04		AJMA	Ok
4	M8011.504.1 0.1 PPB I	M8011.504.1 0.1 PPB I	PR068522.D	11 Sep 2024 12:13		AJMA	Ok
5	M8011.504.1 0.05 PPB	M8011.504.1 0.05 PPB	PR068523.D	11 Sep 2024 12:23		AJMA	Ok
6	M8011.504.1 0.025 PPB	M8011.504.1 0.025 PPB	PR068524.D	11 Sep 2024 12:44		AJMA	Ok
7	M8011.504.1 0.1 PPB I	ICVPR091124	PR068525.D	11 Sep 2024 12:53		AJMA	Ok
8	RT CHECK	RT CHECK	PR068526.D	11 Sep 2024 13:03		AJMA	Ok
9	M8011-504 CCC 0.1 PP	M8011-504 CCC 0.1 PP	PR068527.D	11 Sep 2024 13:12		AJMA	Ok
10	Low-Level LFB-MDL Ch	Low-Level LFB-MDL Ch	PR068528.D	11 Sep 2024 13:32		AJMA	Ok
11	PB163254BL	PB163254BL	PR068529.D	11 Sep 2024 13:43		AJMA	Ok
12	PB163254BS	PB163254BS	PR068530.D	11 Sep 2024 13:53		AJMA	Ok
13	PB163254BSD	PB163254BSD	PR068531.D	11 Sep 2024 14:03		AJMA	Ok
14	P3845-20	RR-8011-WP	PR068532.D	11 Sep 2024 14:12	need 4x dilution	AJMA	Dilution
15	P3845-20DL	RR-8011-WPDL	PR068533.D	11 Sep 2024 14:24		AJMA	Ok
16	M8011-504 CCC 0.1 PP	M8011-504 CCC 0.1 PP	PR068534.D	11 Sep 2024 14:34		AJMA	Ok

M : Manual Integration

SOP ID: M504.1-8011-EDB&DBCP by GC-9

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: AJ

Balance ID: VOA-SC-1

pH Strip Lot#: N/A

Extraction By: AJ

Filter By: N/A

pH Meter ID: N/A

Hood ID: N/A

Extraction Start Date : 09/11/2024

Extraction Start Time : 09:30

Extraction End Date : 09/11/2024

Extraction End Time : 10:00

Concentration By: AJ

Supervisor By : mohammad

Extraction Method: ☐ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

AJ
09/11/24

☒ MicroExtraction

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike	N/A	N/A	PP23663
Blank Spike	N/A	N/A	PP23664
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
Baked NaCL	7G	M5884
Hexane	2ML	E3789
DI WATER	35 ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID: N/A **Envap ID:** N/A

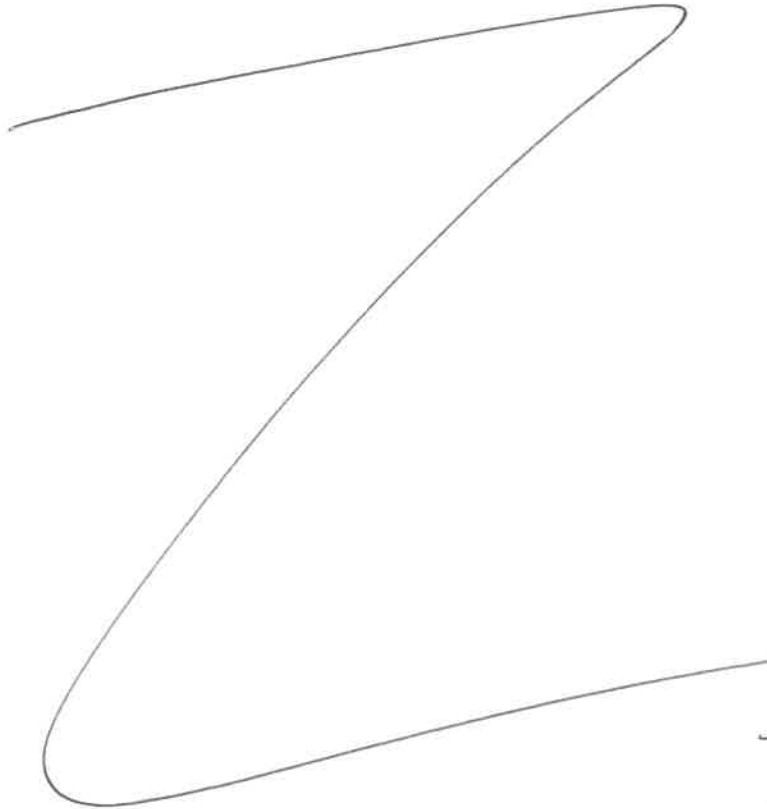
KD Bath Temperature: N/A **Envap Temperature:** N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/11/2024 10:05	AJ / PCST PCB Lab	AJ / PCST PCB Lab
	Preparation Group	Analysis Group

Analytical Method: M504.1-8011-EDB&DBCP by GC-9

Concentration Date: 09/11/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB163254BL	PB163254BL	VOCGC Group 1	35	N/A	Ankita	mohammad	2		PP23662	
PB163254BS	PB163254BS	VOCGC Group 1	35	N/A	Ankita	mohammad	2		PP23663	
PB163254BSD	PB163254BSD	VOCGC Group 1	35	N/A	Ankita	mohammad	2		PP23664	
P3845-20	RR-8011-WP	VOCGC Group 1	35	N/A	Ankita	mohammad	2			



AJ
09/11/2024

Sample ID	Initial Vol. (mL)	pH	Spike Added	Verified By	Final Vol (mL)	Prep ID
M504.1-8011 ICC 0.50 PPB	35.0	NA	Ankita	Sohil	2	PP23653
M504.1-8011 ICC 0.25 PPB	35.0	NA	Ankita	Sohil	2	PP23654
M504.1-8011 ICC 0.1 PPB	35.0	NA	Ankita	Sohil	2	PP23655
M504.1-8011 ICC 0.05 PPB	35.0	NA	Ankita	Sohil	2	PP23656
M504.1-8011 ICC 0.025 PPB	35.0	NA	Ankita	Sohil	2	PP23657
M504.1-8011 ICV 0.1 PPB	35.0	NA	Ankita	Sohil	2	PP23658
RT Check	35.0	NA	Ankita	Sohil	2	PP23659
M504.1-8011 CCC 0.1 PPB	35.0	NA	Ankita	Sohil	2	PP23660
M504.1-8011 LFBMDL Check 0.02 PPB	35.0	NA	Ankita	Sohil	2	PP23661

AJ
09/11/2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : p3845-8011 WorkList ID : 183329 Department : Extraction Date : 09-10-2024 09:05:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3845-20	RR-8011-WP	Water	VOCGC Group 1	Cool 4 deg C	CHEM02	VOAL	09/03/2024	8011

Date/Time 09/11/2024 9:15
Raw Sample Received by: AJ
Raw Sample Relinquished by: _____

Date/Time _____
Raw Sample Received by: _____
Raw Sample Relinquished by: AJ 09/11/24



SHIPPING DOCUMENTS

Packing List

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsofsale

Date	Order #
09/03/2024	318988



Ship To

Chemtech - NJ
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
9/5/2024
9:50

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
240802-01	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
			PT-TMSET-WP	WP Trace Metals Set : (TM1, HG and SNTI)		
1	1	0	PT-TM1-WP	WP Trace Metals 1	WP0924	8259-04
1	1	0	PT-HG-WP	WP Mercury	WP0924	8259-05
1	1	0	PT-SNTI-WP	WP Tin & Titanium	WP0924	8259-38
1	1	0	PT-CR6-WP	WP Hexavalent Chromium	WP0924	8259-06
1	1	0	PT-DEM-WP	WP Demand	WP0924	8259-07
			PT-MINSET-WP	WP Minerals Set : (MIN1, MIN2 and COND)		
1	1	0	PT-MIN1-WP	WP Minerals 1 Only	WP0924	8259-08
1	1	0	PT-MIN2-WP	WP Minerals 2 Only	WP0924	8259-102
1	1	0	PT-COND-WP	WP Conductivity Only	WP0924	8259-72
1	1	0	PT-SOL-WP	WP Solids	WP0924	8259-09
			PT-NUTSET-WP	WP Nutrients Set : (NUT1, NUT2 and NUT3)		
1	1	0	PT-NUT1-WP	WP NUT1 Simple Nutrients Only	WP0924	8259-10
1	1	0	PT-NUT2-WP	WP NUT2 - Complex Nutrients	WP0924	8259-11
1	1	0	PT-NUT3-WP	WP NUT3 - Nitrite Only	WP0924	8259-69
1	1	0	PT-OGR1L-WP	WP Oil and Grease 1L	WP0924	8259-103
1	1	0	PT-CL-WP	WP Residual Chlorine	WP0924	8259-13
1	1	0	PT-PH-WP	WP pH	WP0924	8259-15
1	1	0	PT-CN-WP	WP Cyanide	WP0924	8259-14
1	1	0	PT-PHEN-WP	WP Phenolics	WP0924	8259-16

Packing List

6390 Joyce Dr., #100
Golden, CO 80403

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09/03/2024	318988



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240802-01	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-S2-WP	WP Sulfide	WP0924	8259-22
1	1	0	PT-SSOL-WP	WP Settleable Solids	WP0924	8259-17
1	1	0	PT-VSOL-WP	WP Volatile Solids	WP0924	8259-18
1	1	0	PT-TURB-WP	WP Turbidity	WP0924	8259-20
1	1	0	PT-SIO2-WP	WP Silica	WP0924	8259-21
1	1	0	PT-COL-WP	WP Color	WP0924	8259-51
1	1	0	PT-VOA-WP	WP Volatiles	WP0924	8259-26
1	1	0	PT-BN-WP	WP Base Neutrals	WP0924	8259-27
1	1	0	PT-ACIDS-WP	WP Acids	WP0924	8259-28
1	1	0	PT-PEST-WP	WP Pesticides	WP0924	8259-29
1	1	0	PT-CHLR-WP	WP Chlordane	WP0924	8259-30
1	1	0	PT-TXP-WP	WP Toxaphene	WP0924	8259-31
1	1	0	PT-PCBW-WP	WP PCBs in Water	WP0924	8259-32
1	1	0	PT-HERB-WP	WP Herbicides	WP0924	8259-36
1	1	0	RR-TPH1L-WP	WP TPH 1L	R39151	R39151-104
1	1	0	RR-PAH-WP	WP PAH-Low Level	R39151	R39151-37
1	1	0	RR-GAS-WP	WP Gasoline Range Organics	R39151	R39151-62
1	1	0	RR-DIES-WP	WP Diesel Range Organics	R39151	R39151-63
1	1	0	RR-8011-WP	WP EDB/DBCP/TCP	R39151	R39151-98
1	1	0	RR-TRIAZINE-WP	WP Triazine Pesticides	R39151	R39151-108



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 (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488