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Cover Page

Order ID : Q2552

Project ID : NJ Drinking Water PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number	Client Sample Number
Q2552-01	WS0725-PT-TURB-WS
Q2552-02	WS0725-PT-TURB-WS
Q2552-03	WS0725-PT-MIN-WS
Q2552-04	WS0725-PT-TM-WS
Q2552-05	WS0725-PT-HG-WS
Q2552-06	WS0725-PT-SIO2-WS
Q2552-07	WS0725-PT-RVOA-WS
Q2552-08	WS0725-PT-UNRVOA-WS
Q2552-09	WS0725-PT-THM-WS
Q2552-10	WS0725-PT-ADD-WS
Q2552-11	WS0725-PT-EDBCP-WS

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: 8/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Alliance Technical Group, LLC - Newark
Project Name: NJ Drinking Water PT
Project # N/A
Order ID # Q2552
Test Name: VOCGC Group 1

A. Number of Samples and Date of Receipt:

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCGC Group 1. This data package contains results for VOCGC Group 1.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_Q.The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of VOCGC Group 1s was based on method 504.1 and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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

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above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

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

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2552 MATRIX: Water

METHOD: 504.1/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements. The Continuous Calibration met the requirements.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all compounds. The Blank Spike Duplicate met requirements for all compounds. The RPD were met for all analysis.			✓
7.	Retention Time Shift Meet Criteria (if applicable) Comments:			✓
8.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:			✓

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2552

	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: SOHIL JODHANI **Date:** 08/19/2025

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LAB CHRONICLE

OrderID:	Q2552	**OrderDate:**	7/9/2025 3:45:00 PM
Client:	Alliance Technical Group, LLC - Newark	**Project:**	NJ Drinking Water PT
Contact:	Mohammad Ahmed	**Location:**	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2552-11	**WS0725-PT-EDBCP-WS**	**WATER**			**07/07/25**			**07/09/25**
			VOCGC Group 1	504.1		08/08/25	08/08/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2552 **Order ID:** Q2552

Client: Alliance Technical Group, LLC - Newark **Project ID:** NJ Drinking Water PT

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WS0725-PT-EDBCP-WS							
Q2552-11	WS0725-PT-EDBCP-' WATER	DBCP	0.45		0.010	0.025	ug/L
Q2552-11	WS0725-PT-EDBCP-' WATER	EDB	0.44		0.0077	0.025	ug/L
		Total Concentration:	**0.890**				

QC
SUMMARY

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2552 **Analytical Method:** 8011

Client: Alliance Technical Group, LLC - Newark **Datafile :** PQ070748.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169164BS (Column 1)	DBCP	0.25	0.22	ug/L	88				70	130	
	EDB	0.25	0.22	ug/L	88				70	130	
PB169164BS (Column 2)	DBCP	0.25	0.25	ug/L	100				70	130	
	EDB	0.25	0.23	ug/L	92				70	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2552 **Analytical Method:** 8011

Client: Alliance Technical Group, LLC - Newark **Datafile :** PQ070749.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169164BSD (Column 1)	DBCP	0.25	0.22	ug/L	88	0			70	130	20
	EDB	0.25	0.22	ug/L	88	0			70	130	20
PB169164BSD (Column 2)	DBCP	0.25	0.24	ug/L	96	4			70	130	20
	EDB	0.25	0.23	ug/L	92	0			70	130	20

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169164BL

Lab Name: Alliance | Contract: ALLI03

Lab Code: ACE | SDG NO.: Q2552

Lab Sample ID: PB169164BL | Lab File ID: PQ070747.D

Matrix: (soil/water) WATER | Extraction: (Type) MICRO

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

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

Time Analyzed (1): 13:44 | Time Analyzed (2): 13:44

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

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
PB169164BS	PB169164BS	PQ070748.D	08/08/2025	08/08/2025
PB169164BSD	PB169164BSD	PQ070749.D	08/08/2025	08/08/2025
WS0725-PT-EDBCP-WS	Q2552-11	PQ070750.D	08/08/2025	08/08/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PQ070750.D**

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Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	07/07/25
Project:	NJ Drinking Water PT	Date Received:	07/09/25
Client Sample ID:	WS0725-PT-EDBCP-WS	SDG No.:	Q2552
Lab Sample ID:	Q2552-11	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
PQ070750.D	1	08/08/25 09:40	08/08/25 14:13	PB169164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
96-12-8	DBCP	0.45		0.010	0.025	ug/L
106-93-4	EDB	0.44		0.0077	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_Q\Data\PQ080825\
Data File : PQ070750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 14:13
Operator : YP\AJ
Sample : Q2552-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
WS0725-PT-EDBCP-WS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 15:10:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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	2.607	1.974	62100686	62795525	0.390	0.445
2)	SA DBCP	5.957	4.987	142.0E6	137.6E6	0.415	0.451

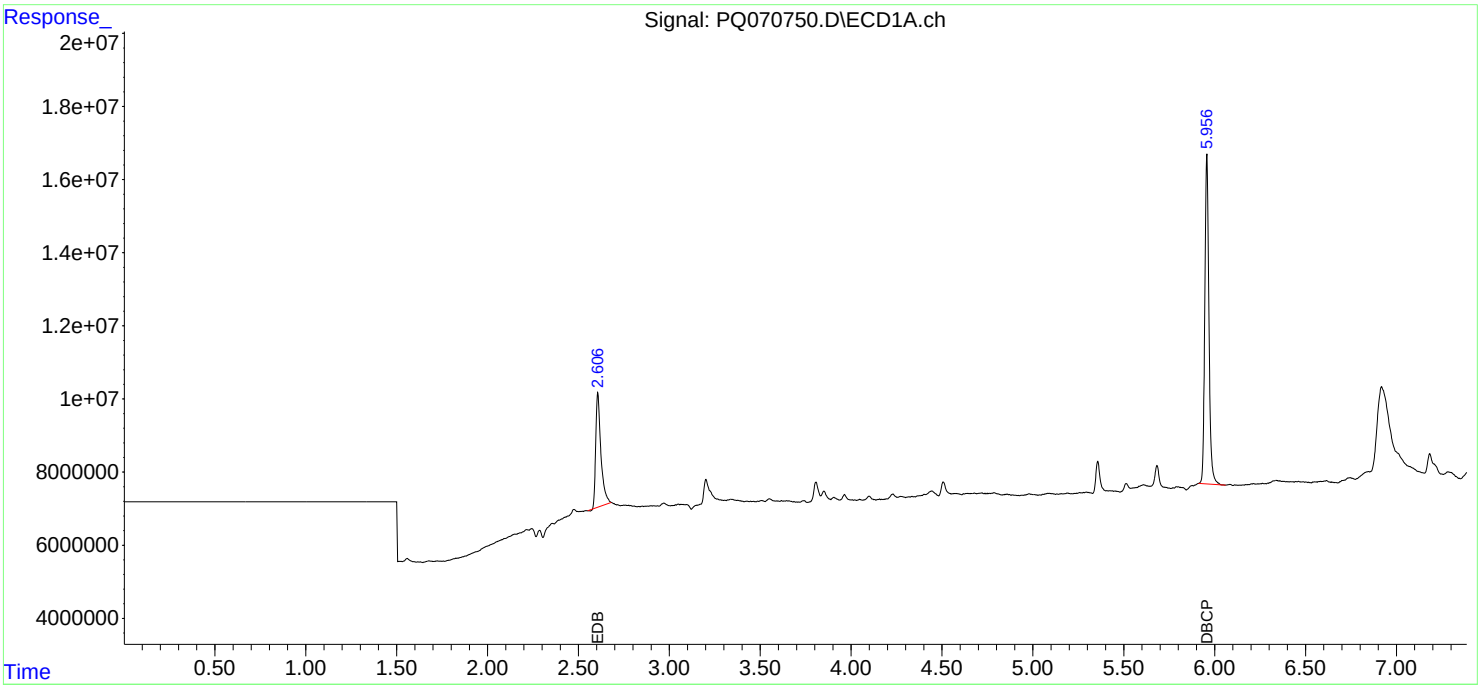
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

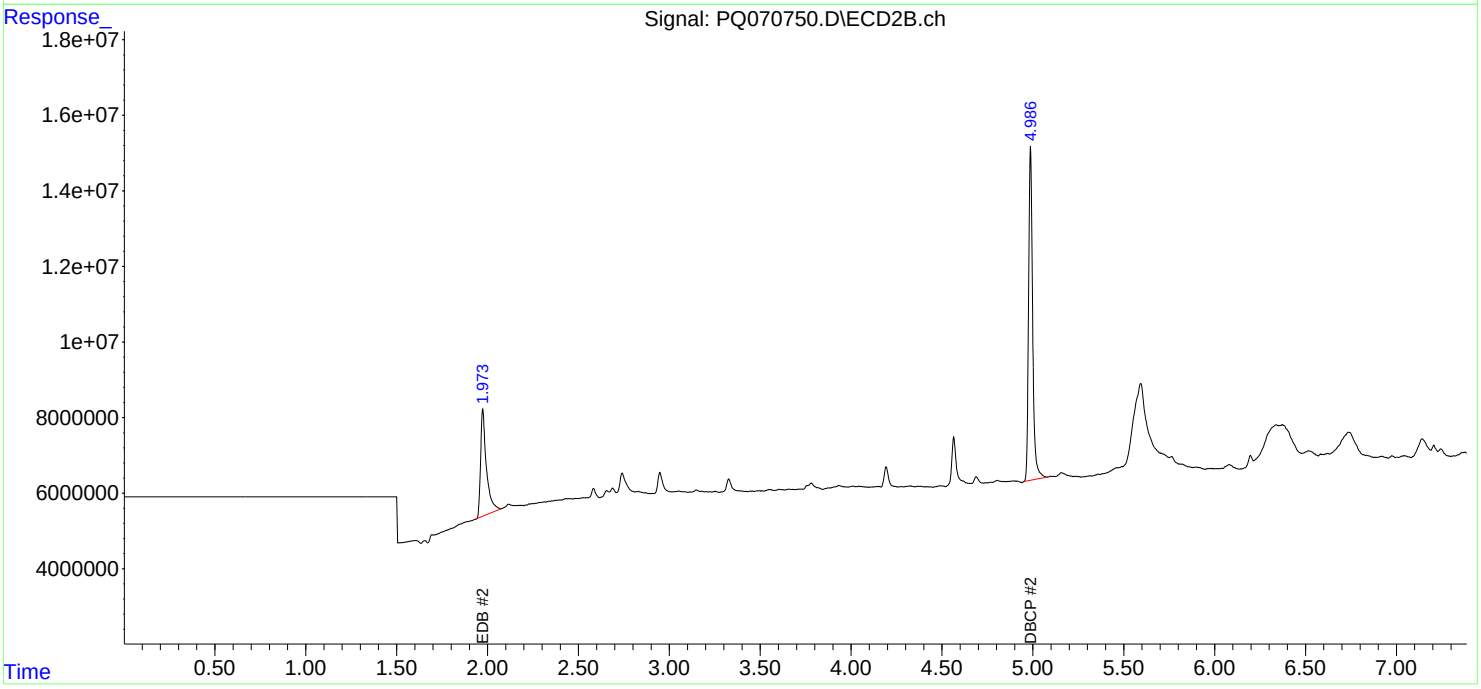
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 14:13
Operator : YP\AJ
Sample : Q2552-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
WS0725-PT-EDBCP-WS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 15:10:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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

Raw Data

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_Q
Contract: ALLI03
SDG NO.: Q2552
Calibration Date(s): 08/08/2025 08/08/2025
Calibration Times: 10:48 11:41

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

LAB FILE ID: RT 0.1 = PQ070738.D RT 0.05 = PQ070739.D
RT 0.025 = PQ070740.D RT 0.5 = PQ070741.D RT 0.25 = PQ070742.D

COMPOUND	RT 0.1	RT 0.05	RT 0.025	RT 0.5	RT 0.25	MEAN RT	RT WINDOW FROM	RT WINDOW TO
DBCP	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
EDB	2.61	2.61	2.61	2.61	2.61	2.61	2.51	2.71

Raw Data

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ALLI03
Lab Code: ACE
SDG NO.: Q2552
Instrument ID: ECD_Q
Calibration Date(s): 08/08/2025 08/08/2025
Calibration Times: 10:48 11:41

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

LAB FILE ID: RT 0.1 = PQ070738.D RT 0.05 = PQ070739.D
RT 0.025 = PQ070740.D RT 0.5 = PQ070741.D RT 0.25 = PQ070742.D

COMPOUND	RT 0.1	RT 0.05	RT 0.025	RT 0.5	RT 0.25	MEAN RT	RT WINDOW FROM	RT WINDOW TO
DBCP	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
EDB	1.97	1.98	1.98	1.97	1.97	1.97	1.87	2.07

Raw Data

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_Q

Contract: ALLI03
SDG NO.: Q2552
Calibration Date(s): 08/08/2025 08/08/2025
Calibration Times: 10:48 11:41

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

LAB FILE ID: CF 0.1 = PQ070738.D CF 0.05 = PQ070739.D
CF 0.025 = PQ070740.D CF 0.5 = PQ070741.D CF 0.25 = PQ070742.D

COMPOUND	CF 0.1	CF 0.05	CF 0.025	CF 0.5	CF 0.25	CF	% RSD
DBCP	365520000000	364455000000	351318000000	332836000000	297617000000	342349000000	8
EDB	171417000000	156061000000	159468000000	163659000000	145559000000	159233000000	6

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_Q

Contract: ALLI03
SDG NO.: Q2552
Calibration Date(s): 08/08/2025 08/08/2025
Calibration Times: 10:48 11:41

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

LAB FILE ID: CF 0.1 = PQ070738.D CF 0.05 = PQ070739.D
CF 0.025 = PQ070740.D CF 0.5 = PQ070741.D CF 0.25 = PQ070742.D

COMPOUND	CF 0.1	CF 0.05	CF 0.025	CF 0.5	CF 0.25	CF	% RSD
DBCP	324812000000	319155000000	287507000000	311868000000	282548000000	305178000000	6
EDB	146472000000	145016000000	128654000000	150199000000	135835000000	141235000000	6

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 10:48
Operator : YP\AJ
Sample : M8011.504.1 0.1 PPB ICC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.1 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:16:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:15:52 2025
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	2.607	1.974	17141661	14647193	0.100	0.100
2)	SA DBCP	5.956	4.987	36552028	32481175	0.100	0.100

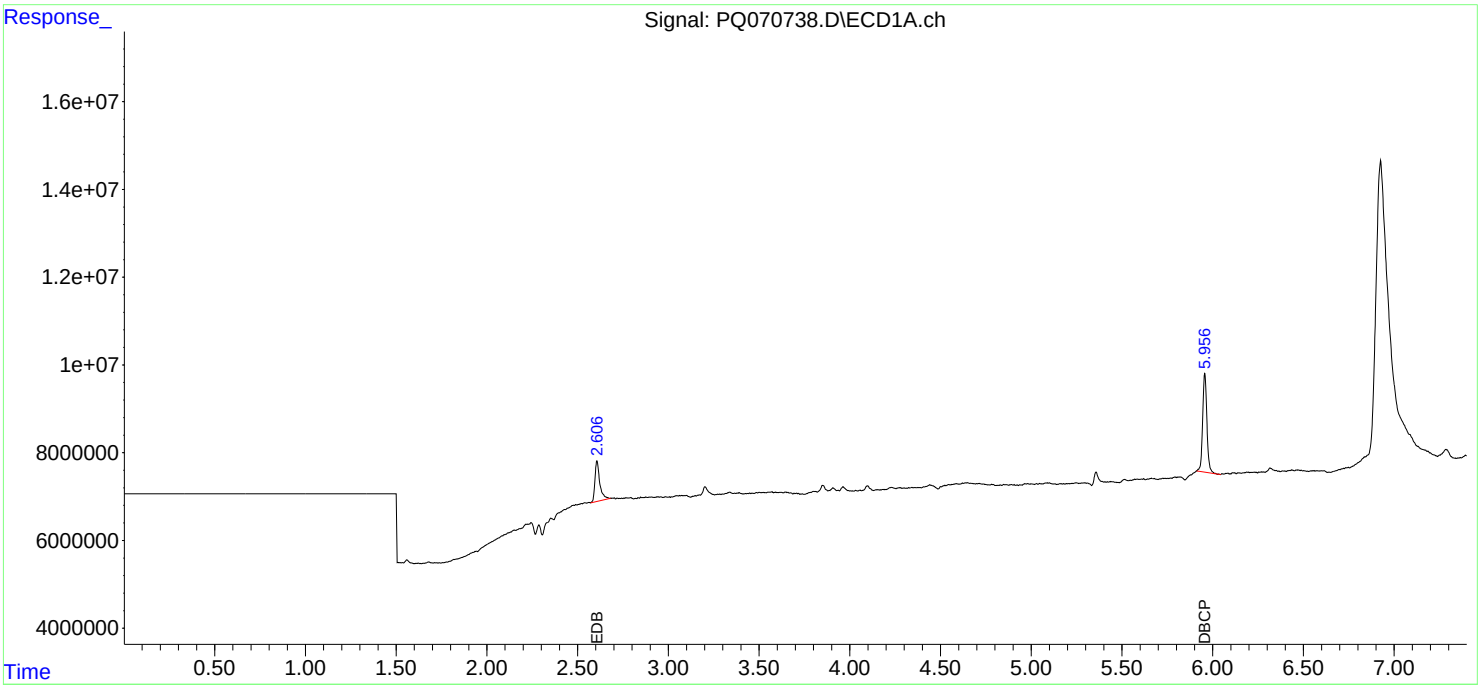
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

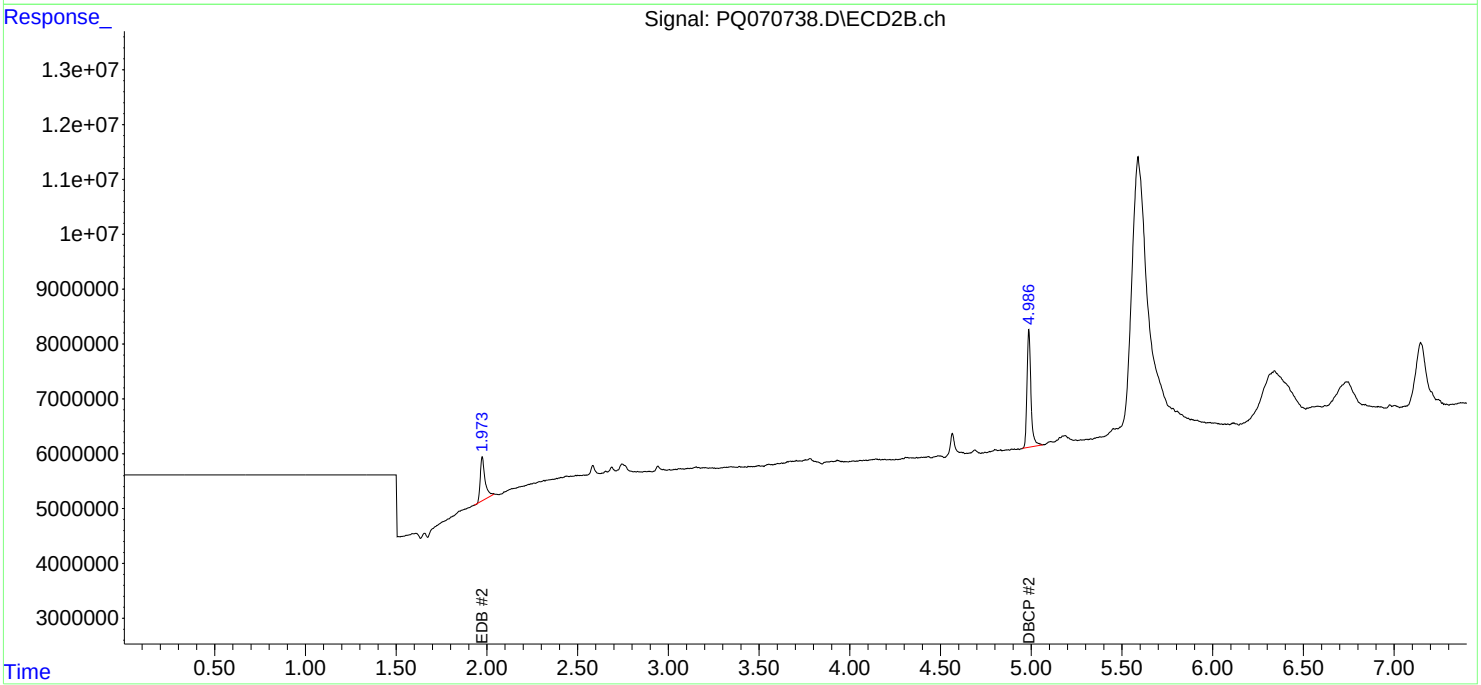
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 10:48
Operator : YP\AJ
Sample : M8011.504.1 0.1 PPB ICC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.1 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:16:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:15:52 2025
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 10:58
Operator : YP\AJ
Sample : M8011.504.1 0.05 PPB ICC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.05 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:17:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:17:34 2025
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	2.607	1.976	7803026	7250798	0.051	0.053
2)	SA DBCP	5.956	4.987	18222743	15957759	0.057	0.056

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

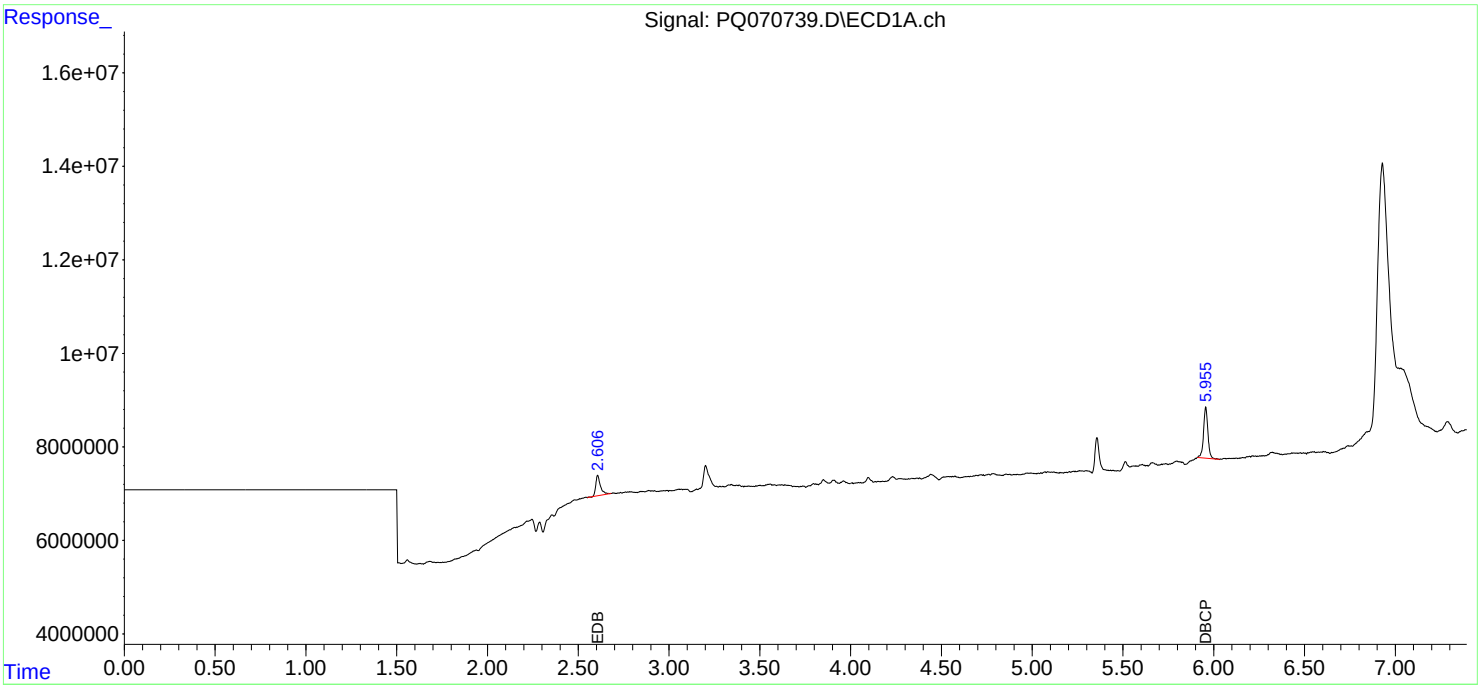
ICAL Form

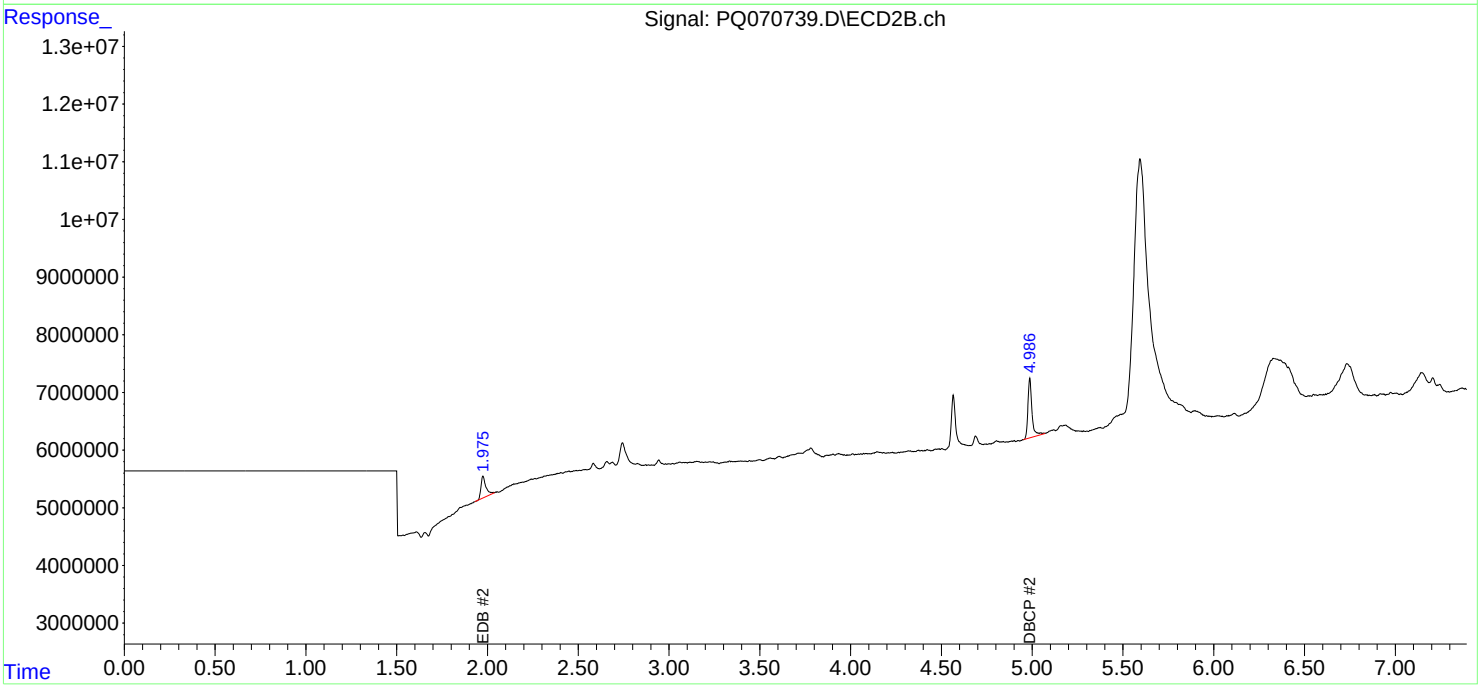
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 10:58
Operator : YP\AJ
Sample : M8011.504.1 0.05 PPB ICC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.05 PPB ICC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:17:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:17:34 2025
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 11:08
Operator : YP\AJ
Sample : M8011.504.1 0.025 PPB ICC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.025 PPB ICC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2025
Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:19:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:18:21 2025
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	2.607	1.976	3986699	3216358	0.026m	0.023
2)	SA DBCP	5.956	4.986	8782961	7187676	0.026m	0.024m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 11:08
Operator : YP\AJ
Sample : M8011.504.1 0.025 PPB ICC
Misc :
ALS Vial : 6 Sample Multiplier: 1

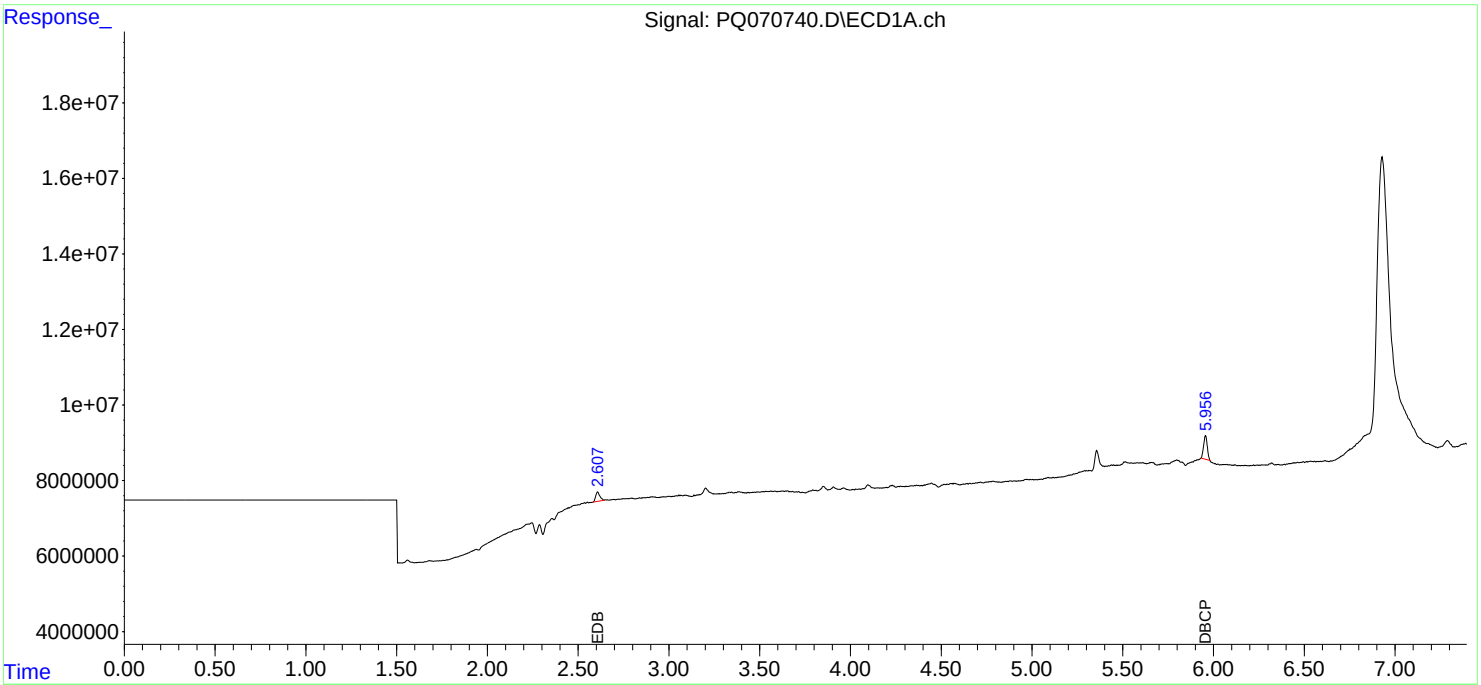
Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.025 PPB ICC

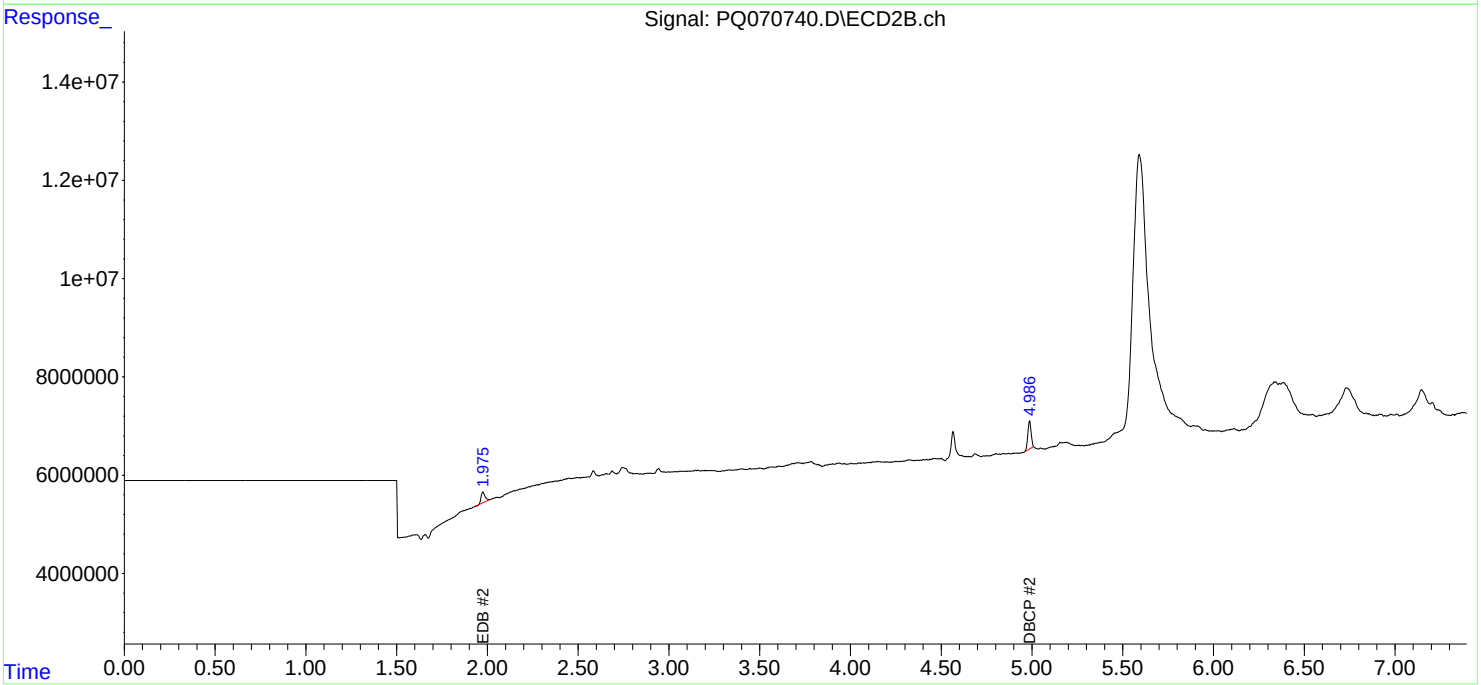
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2025
Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:19:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:18:21 2025
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 11:17
Operator : YP\AJ
Sample : M8011.504.1 0.5 PPB ICC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.5 PPB ICC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2025
Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:27:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:22:24 2025
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	2.606	1.974	81829331	75099473	0.529m	0.550m
2)	SA DBCP	5.957	4.987	166.4E6	155.9E6	0.493	0.494

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 11:17
Operator : YP\AJ
Sample : M8011.504.1 0.5 PPB ICC
Misc :
ALS Vial : 2 Sample Multiplier: 1

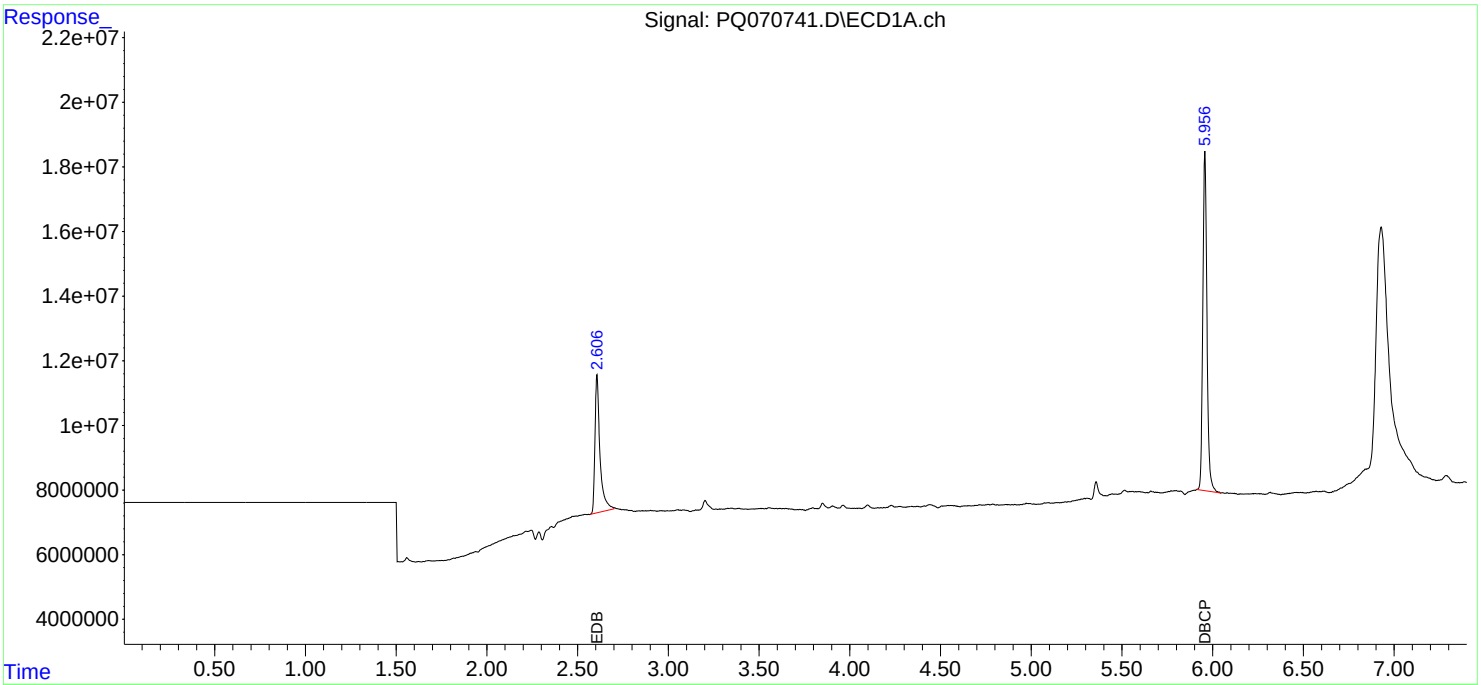
Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.5 PPB ICC

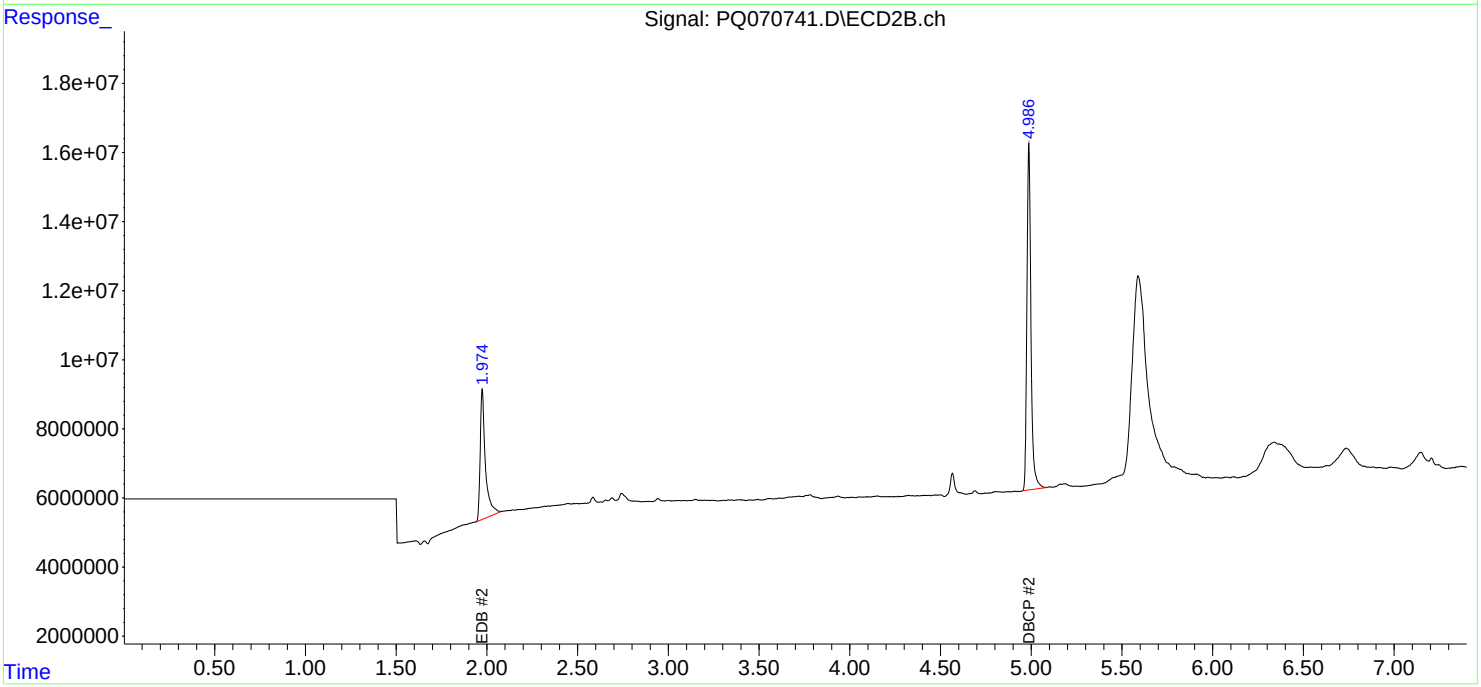
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2025
Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:27:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:22:24 2025
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070742.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 11:41
Operator : YP\AJ
Sample : M8011.504.1 0.25 PPB ICC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.25 PPB ICC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2025
Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:55:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:36:01 2025
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	2.605	1.974	36389710	33958713	0.233m	0.244m
2)	SA DBCP	5.956	4.987	74404248	70636891	0.221	0.224

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070742.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 11:41
Operator : YP\AJ
Sample : M8011.504.1 0.25 PPB ICC
Misc :
ALS Vial : 3 Sample Multiplier: 1

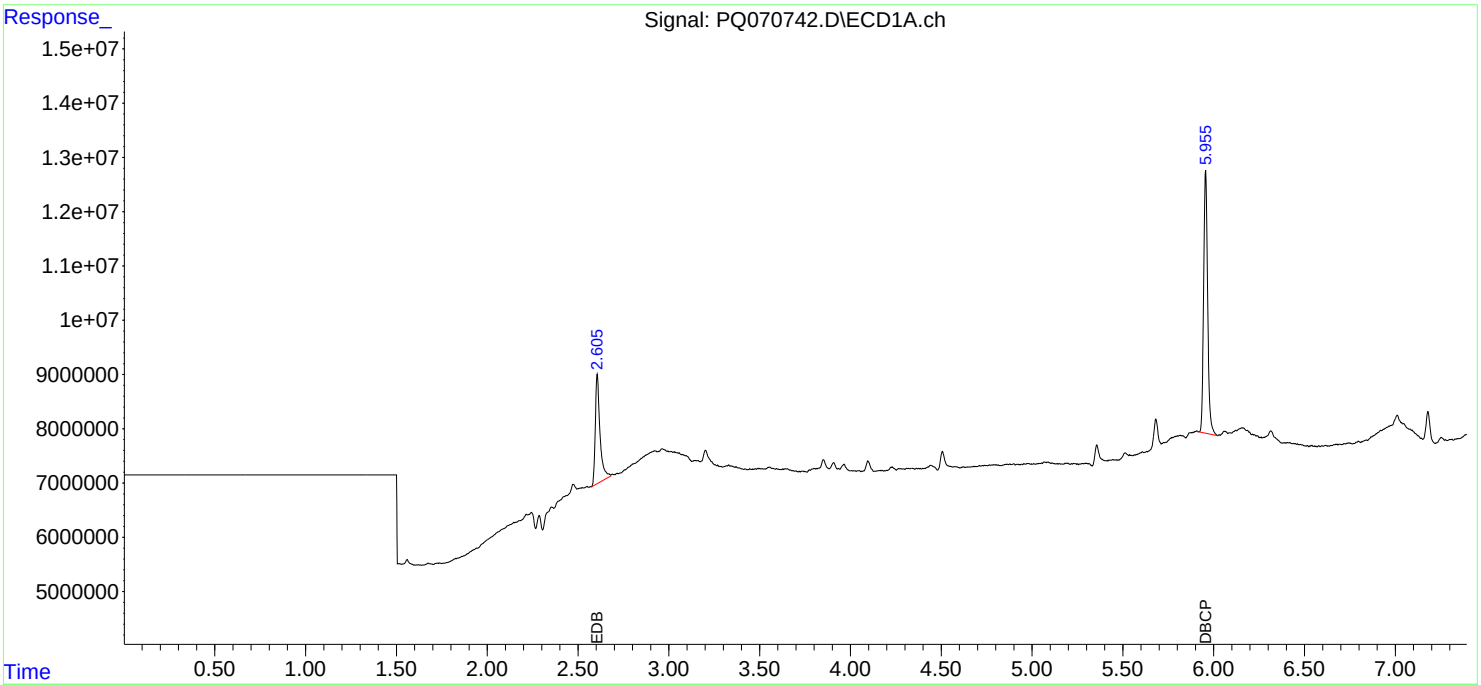
Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.25 PPB ICC

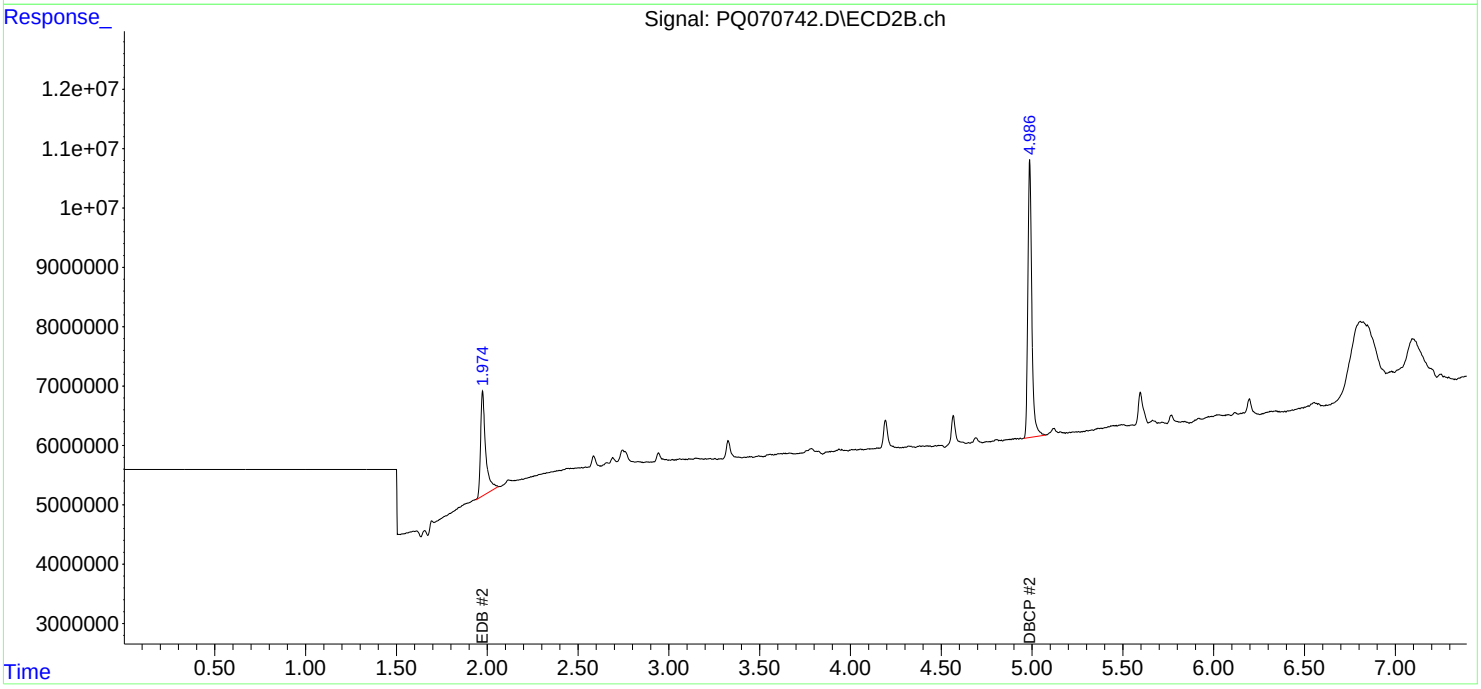
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2025
Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 11:55:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:36:01 2025
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 12:47
Operator : YP\AJ
Sample : M8011.504.1 0.1 PPB ICV
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ080825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 12:55:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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	2.606	1.975	17064915	15008666	0.107	0.106
2)	SA DBCP	5.955	4.988	36585468	30965421	0.107	0.101

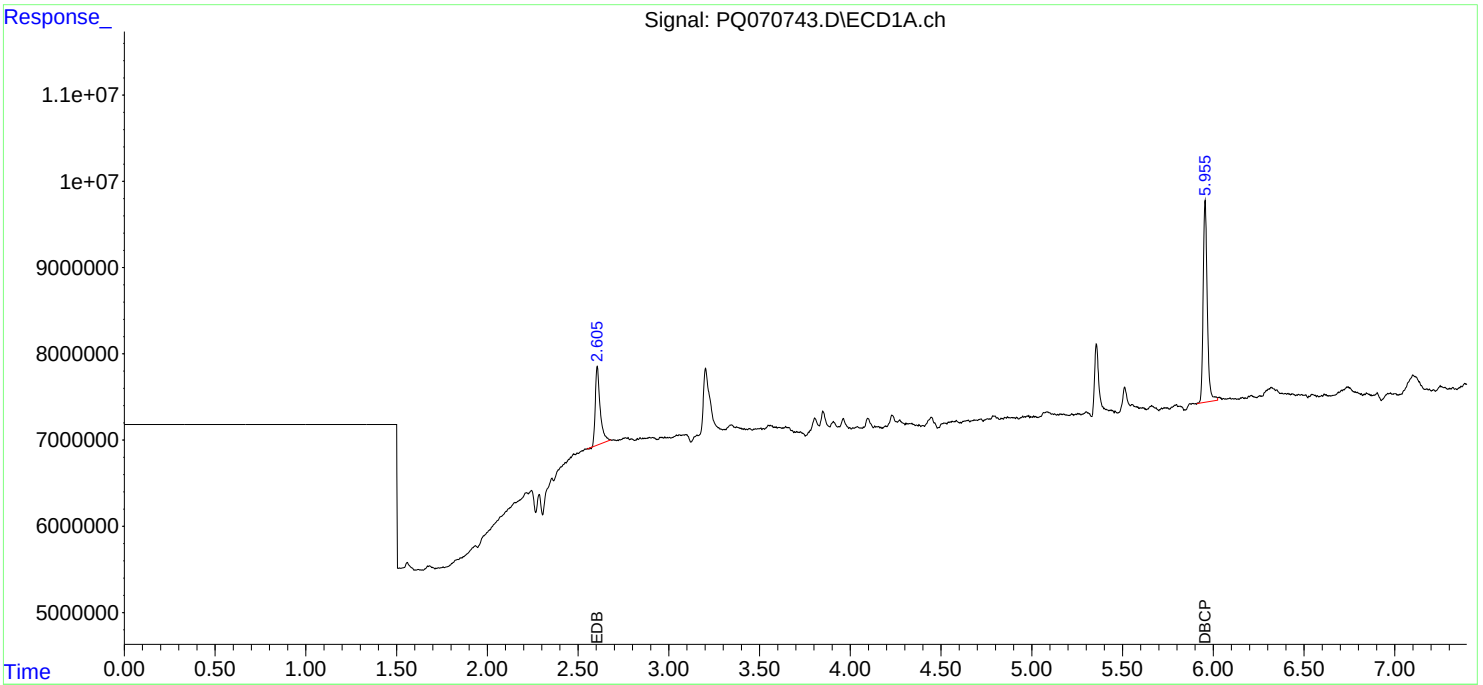
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

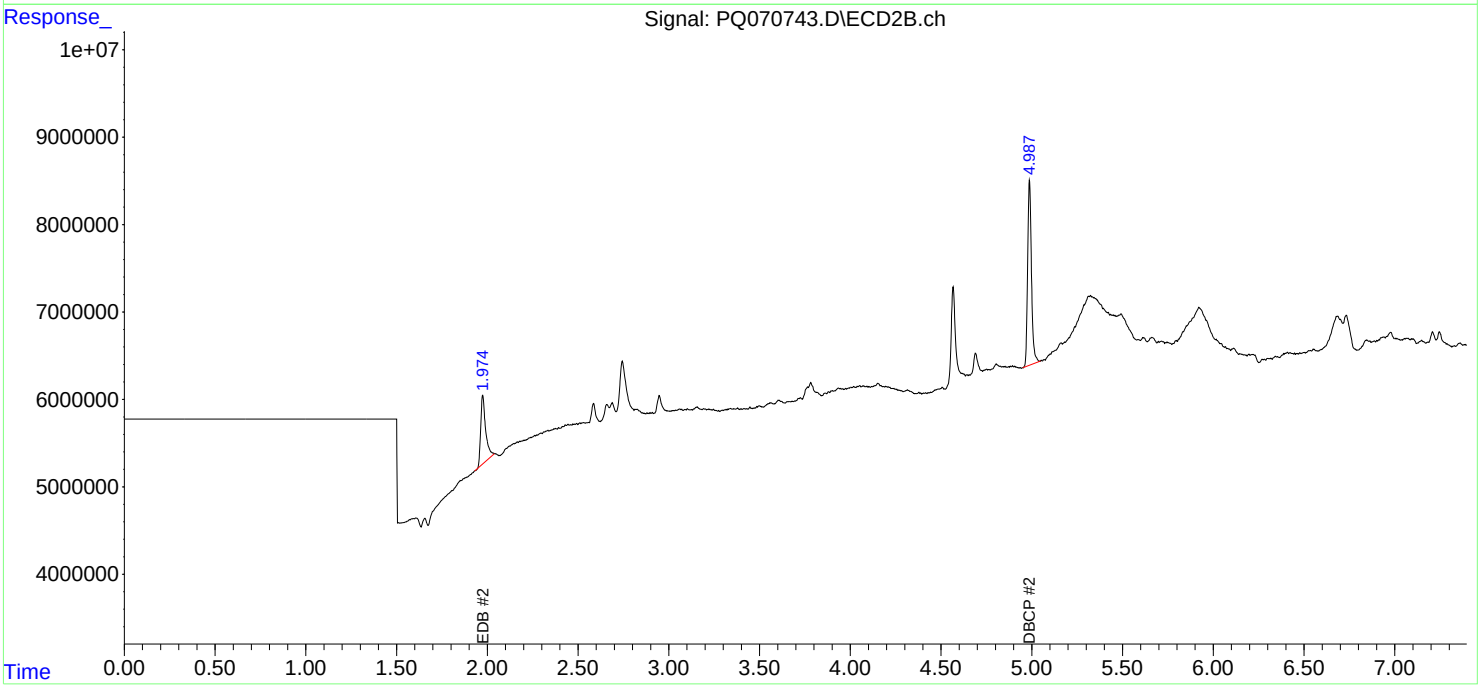
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 12:47
Operator : YP\AJ
Sample : M8011.504.1 0.1 PPB ICV
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ080825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 12:55:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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





Raw Data: **PQ070745.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03

Lab Code: ACE **SDG NO.:** Q2552

Continuing Calib Date: 08/08/2025 **Initial Calibration Date(s):** 08/08/2025 08/08/2025

Continuing Calib Time: 13:15 **Initial Calibration Time(s):** 10:48 11:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DBCP	5.96	5.96	5.86	6.06	0.00
EDB	2.61	2.61	2.51	2.71	0.00

Raw Data: **PQ070745.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03

Lab Code: ACE **SDG NO.:** Q2552

Continuing Calib Date: 08/08/2025 **Initial Calibration Date(s):** 08/08/2025 08/08/2025

Continuing Calib Time: 13:15 **Initial Calibration Time(s):** 10:48 11:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DBCP	4.99	4.99	4.89	5.09	0.00
EDB	1.98	1.97	1.87	2.07	-0.01

Raw Data: **PQ070745.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03

Lab Code: ACE **SDG NO.:** Q2552

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/08/2025 08/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/08/2025

Lab Sample No.: M8011.504.1 0.1 PE **Data File :** PQ070745.D **Time Analyzed:** 13:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
DBCP	5.957	5.857	6.057	0.110	0.100	10.0
EDB	2.607	2.506	2.706	0.100	0.100	0.0

Raw Data: **PQ070745.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03

Lab Code: ACE **SDG NO.:** Q2552

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/08/2025 08/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/08/2025

Lab Sample No.: M8011.504.1 0.1 PE **Data File :** PQ070745.D **Time Analyzed:** 13:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
DBCP	4.987	4.887	5.087	0.110	0.100	10.0
EDB	1.975	1.874	2.074	0.100	0.100	0.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 13:15
Operator : YP\AJ
Sample : M8011.504.1 0.1 PPB CCC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.1 PPB CCC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 13:23:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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	2.607	1.975	16360573	14733339	0.103	0.104
2)	SA DBCP	5.957	4.987	36117069	33652176	0.105	0.110

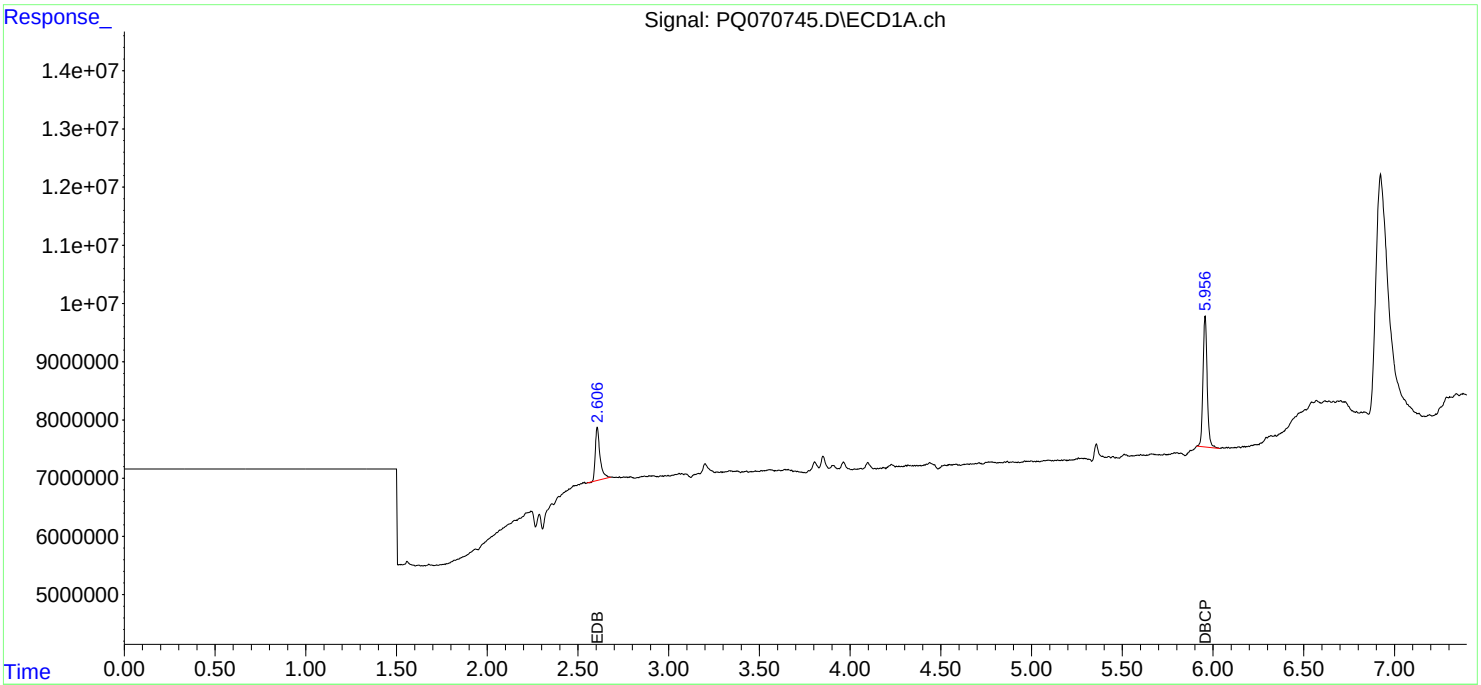
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

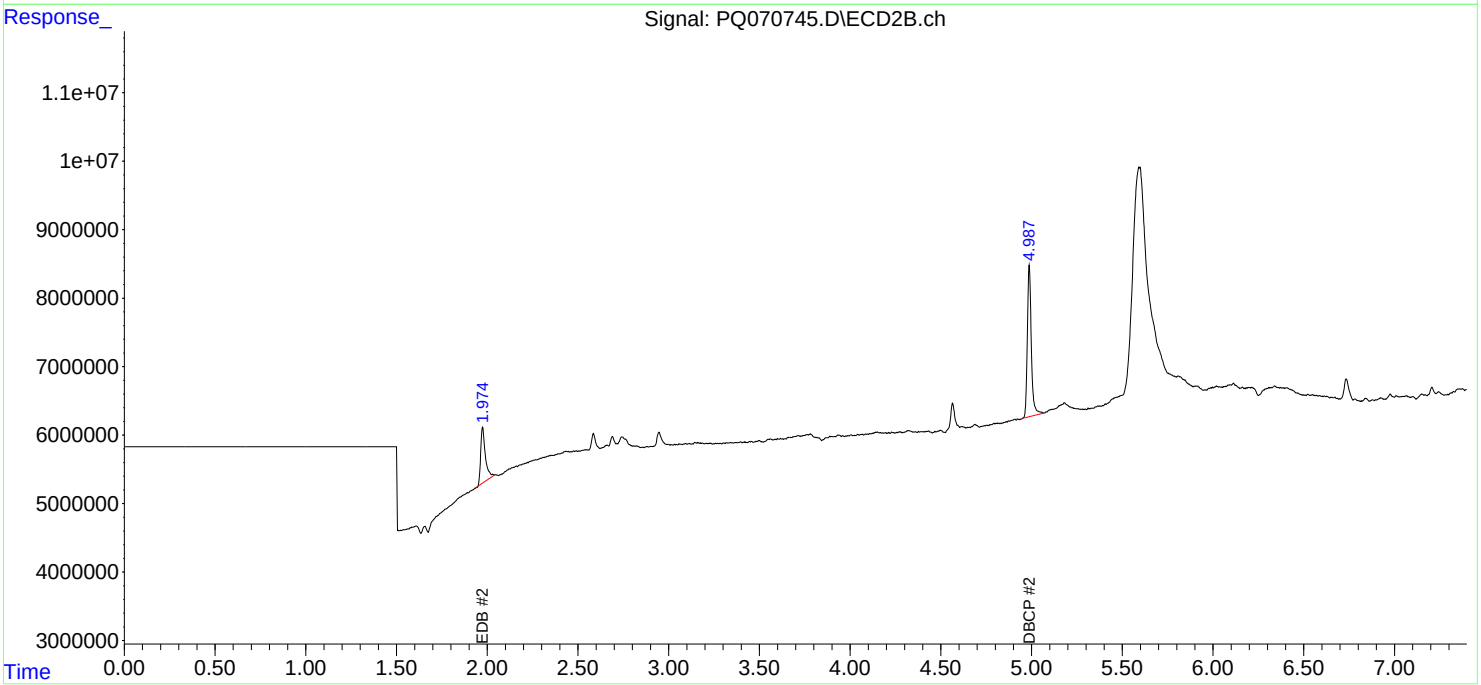
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 13:15
Operator : YP\AJ
Sample : M8011.504.1 0.1 PPB CCC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.1 PPB CCC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 13:23:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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





Raw Data: **PQ070752.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03

Lab Code: ACE **SDG NO.:** Q2552

Continuing Calib Date: 08/08/2025 **Initial Calibration Date(s):** 08/08/2025 08/08/2025

Continuing Calib Time: 14:32 **Initial Calibration Time(s):** 10:48 11:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DBCP	5.96	5.96	5.86	6.06	0.00
EDB	2.61	2.61	2.51	2.71	0.00

Raw Data: **PQ070752.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03

Lab Code: ACE **SDG NO.:** Q2552

Continuing Calib Date: 08/08/2025 **Initial Calibration Date(s):** 08/08/2025 08/08/2025

Continuing Calib Time: 14:32 **Initial Calibration Time(s):** 10:48 11:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DBCP	4.99	4.99	4.89	5.09	0.00
EDB	1.97	1.97	1.87	2.07	0.00

Raw Data: **PQ070752.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03

Lab Code: ACE **SDG NO.:** Q2552

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/08/2025 08/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/08/2025

Lab Sample No.: M8011.504.1 0.1 PF **Data File :** PQ070752.D **Time Analyzed:** 14:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
DBCP	5.956	5.857	6.057	0.100	0.100	0.0
EDB	2.607	2.506	2.706	0.110	0.100	10.0

Raw Data: **PQ070752.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03

Lab Code: ACE **SDG NO.:** Q2552

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/08/2025 08/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/08/2025

Lab Sample No.: M8011.504.1 0.1 PF **Data File :** PQ070752.D **Time Analyzed:** 14:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
DBCP	4.987	4.887	5.087	0.110	0.100	10.0
EDB	1.974	1.874	2.074	0.110	0.100	10.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070752.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 14:32
Operator : YP\AJ
Sample : M8011.504.1 0.1 PPB CCC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.1 PPB CCC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 14:41:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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	2.607	1.974	16931349	15353115	0.106	0.109
2)	SA DBCP	5.956	4.987	35414801	35015179	0.103	0.115

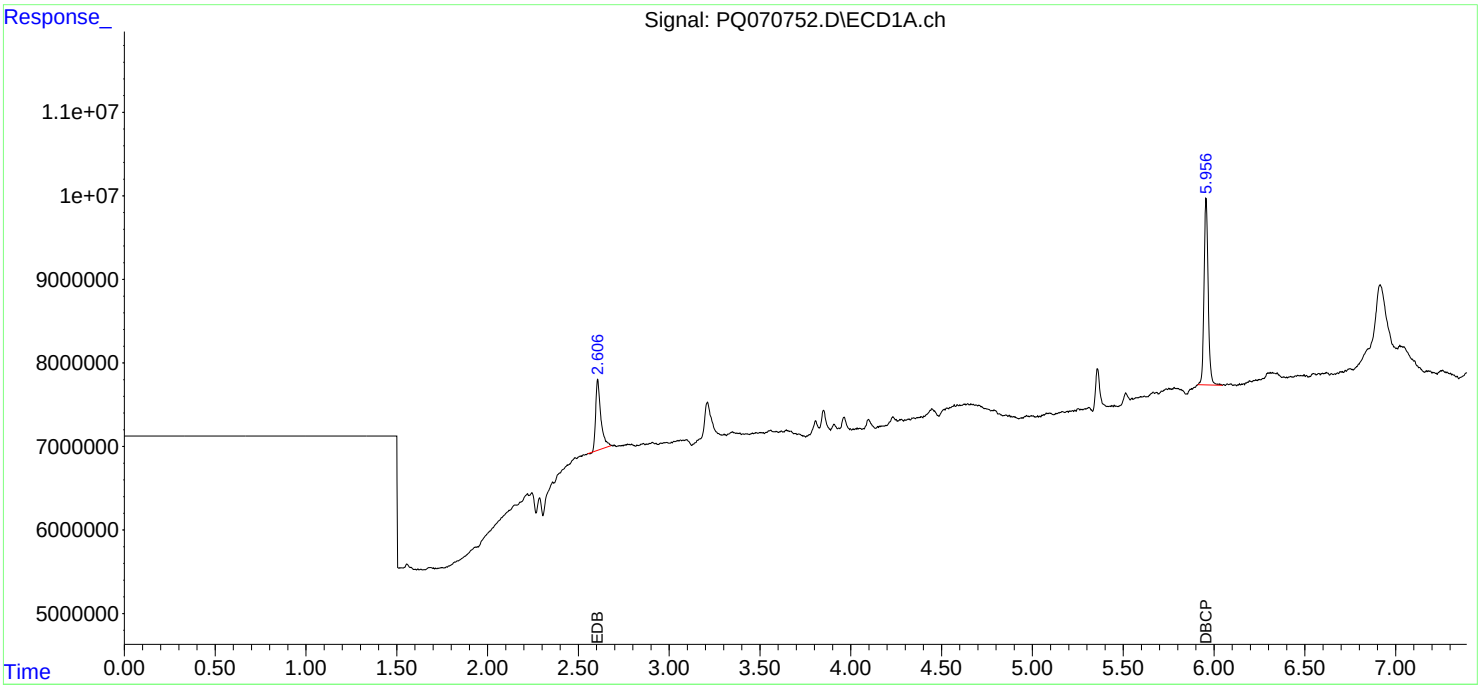
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

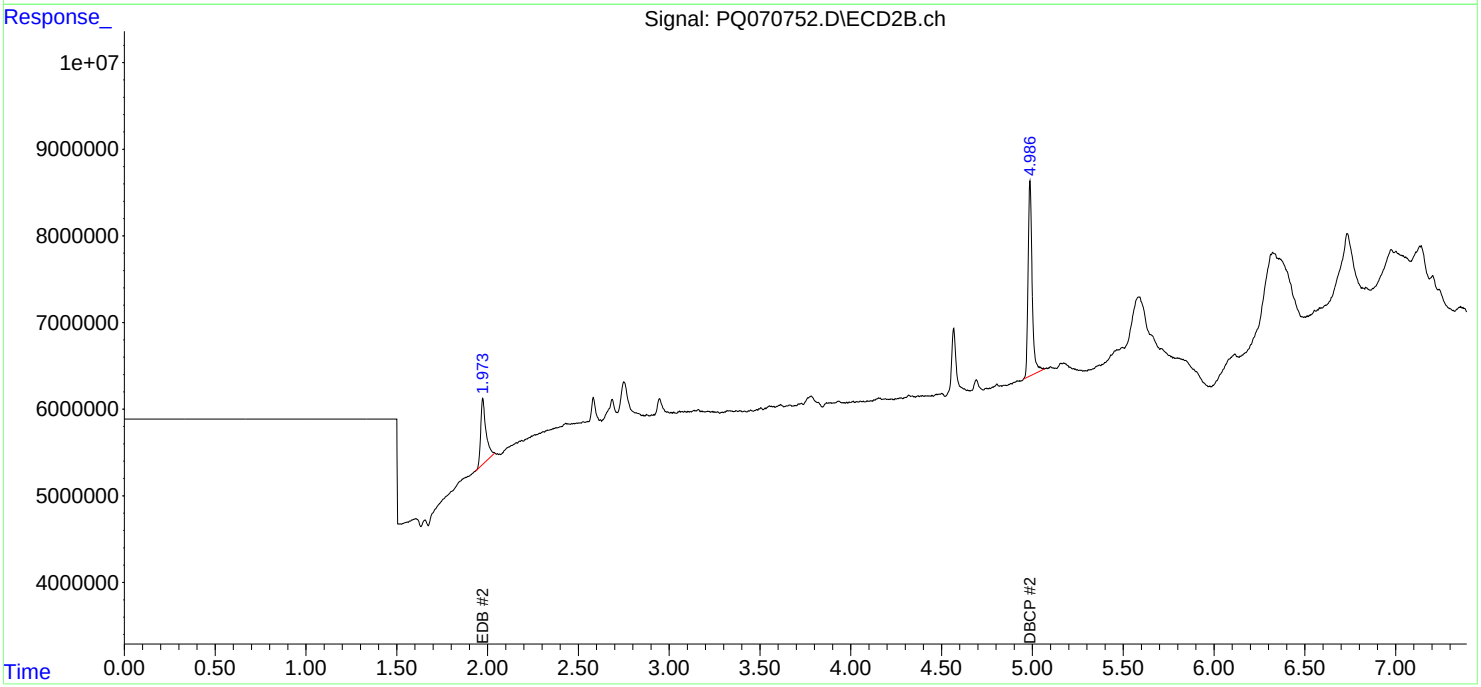
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070752.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 14:32
Operator : YP\AJ
Sample : M8011.504.1 0.1 PPB CCC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
M8011.504.1 0.1 PPB CCC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 14:41:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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

Analytical Sequence

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q2552

Project: NJ Drinking Water PT **Instrument ID:** ECD_Q

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/08/2025 08/08/2025

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 #
M8011.504.1 0.1 PPB ICC	M8011.504.1 0.1 PPB ICC	08/08/2025	10:48	PQ070738.D	0.00	0.00
M8011.504.1 0.05 PPB ICC	M8011.504.1 0.05 PPB IC	08/08/2025	10:58	PQ070739.D	0.00	0.00
M8011.504.1 0.025 PPB ICC	M8011.504.1 0.025 PPB IC	08/08/2025	11:08	PQ070740.D	0.00	0.00
M8011.504.1 0.5 PPB ICC	M8011.504.1 0.5 PPB ICC	08/08/2025	11:17	PQ070741.D	0.00	0.00
M8011.504.1 0.25 PPB ICC	M8011.504.1 0.25 PPB IC	08/08/2025	11:41	PQ070742.D	0.00	0.00
M8011.504.1 0.1 PPB CCC	M8011.504.1 0.1 PPB CC	08/08/2025	13:15	PQ070745.D	0.00	0.00
PB169164BL	PB169164BL	08/08/2025	13:44	PQ070747.D	0.00	0.00
PB169164BS	PB169164BS	08/08/2025	13:53	PQ070748.D	0.00	0.00
PB169164BSD	PB169164BSD	08/08/2025	14:03	PQ070749.D	0.00	0.00
WS0725-PT-EDBCP-WS	Q2552-11	08/08/2025	14:13	PQ070750.D	0.00	0.00
M8011.504.1 0.1 PPB CCC	M8011.504.1 0.1 PPB CC	08/08/2025	14:32	PQ070752.D	0.00	0.00

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Analytical Sequence

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q2552

Project: NJ Drinking Water PT **Instrument ID:** ECD_Q

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/08/2025 08/08/2025

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 #
M8011.504.1 0.1 PPB ICC	M8011.504.1 0.1 PPB ICC	08/08/2025	10:48	PQ070738.D	0.00	0.00
M8011.504.1 0.05 PPB ICC	M8011.504.1 0.05 PPB IC	08/08/2025	10:58	PQ070739.D	0.00	0.00
M8011.504.1 0.025 PPB ICC	M8011.504.1 0.025 PPB IC	08/08/2025	11:08	PQ070740.D	0.00	0.00
M8011.504.1 0.5 PPB ICC	M8011.504.1 0.5 PPB ICC	08/08/2025	11:17	PQ070741.D	0.00	0.00
M8011.504.1 0.25 PPB ICC	M8011.504.1 0.25 PPB IC	08/08/2025	11:41	PQ070742.D	0.00	0.00
M8011.504.1 0.1 PPB CCC	M8011.504.1 0.1 PPB CC	08/08/2025	13:15	PQ070745.D	0.00	0.00
PB169164BL	PB169164BL	08/08/2025	13:44	PQ070747.D	0.00	0.00
PB169164BS	PB169164BS	08/08/2025	13:53	PQ070748.D	0.00	0.00
PB169164BSD	PB169164BSD	08/08/2025	14:03	PQ070749.D	0.00	0.00
WS0725-PT-EDBCP-WS	Q2552-11	08/08/2025	14:13	PQ070750.D	0.00	0.00
M8011.504.1 0.1 PPB CCC	M8011.504.1 0.1 PPB CC	08/08/2025	14:32	PQ070752.D	0.00	0.00

QC SAMPLE DATA

Raw Data: **PQ070747.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Drinking Water PT	Date Received:	
Client Sample ID:	PB169164BL	SDG No.:	Q2552
Lab Sample ID:	PB169164BL	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
PQ070747.D	1	08/08/25 09:40	08/08/25 13:44	PB169164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
96-12-8	DBCP	0.010	U	0.010	0.025	ug/L
106-93-4	EDB	0.0077	U	0.0077	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_Q\Data\PQ080825\
Data File : PQ070747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 13:44
Operator : YP\AJ
Sample : PB169164BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB169164BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 14:58:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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

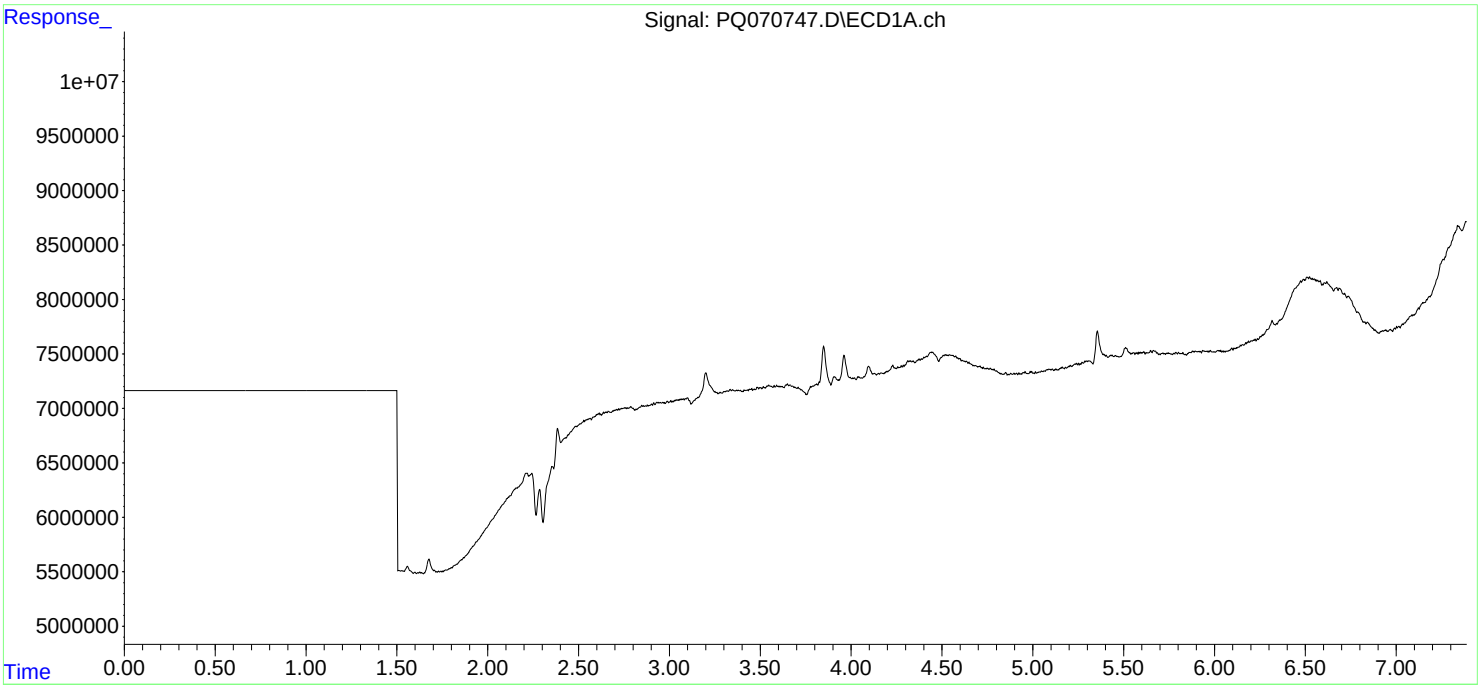
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

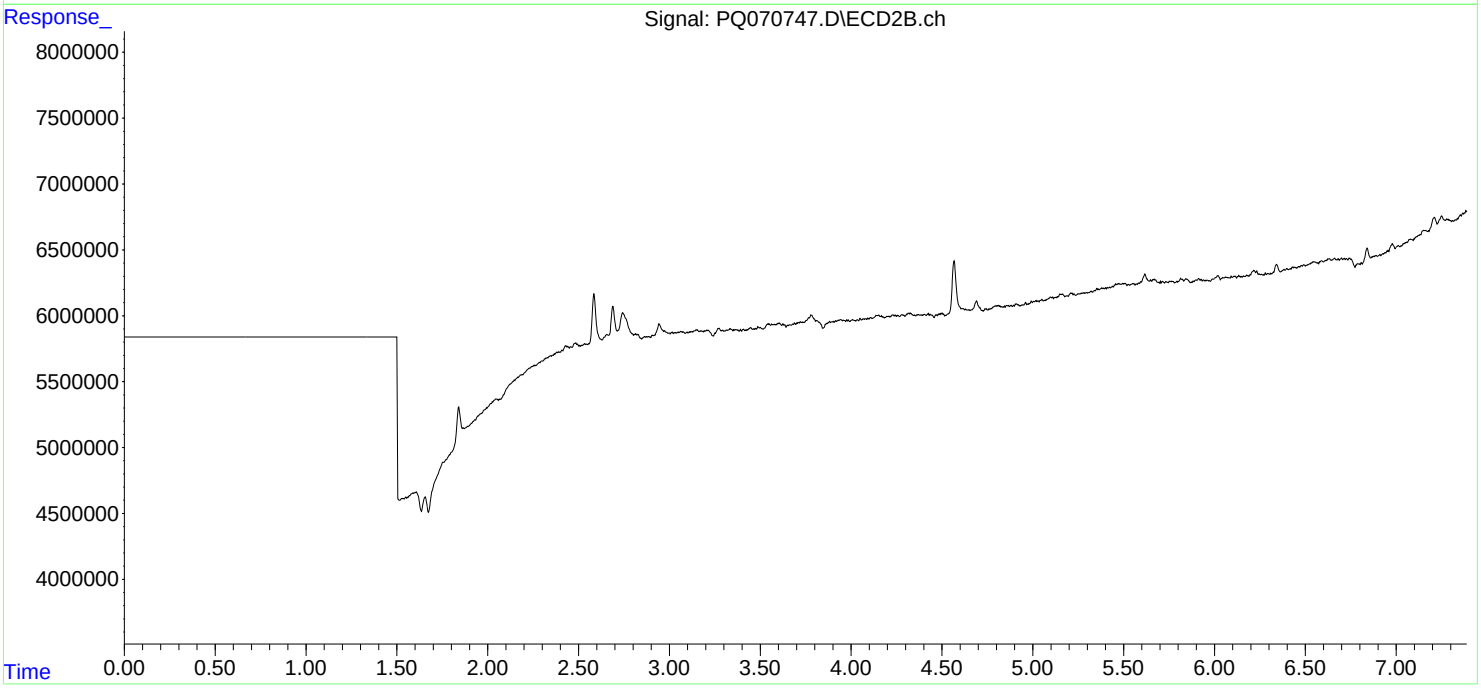
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 13:44
Operator : YP\AJ
Sample : PB169164BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB169164BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 14:58:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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





Raw Data: **PQ070748.D**

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Drinking Water PT	Date Received:	
Client Sample ID:	PB169164BS	SDG No.:	Q2552
Lab Sample ID:	PB169164BS	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
PQ070748.D	1	08/08/25 09:40	08/08/25 13:53	PB169164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
96-12-8	DBCP	0.25		0.010	0.025	ug/L
106-93-4	EDB	0.23		0.0077	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_Q\Data\PQ080825\
Data File : PQ070748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 13:53
Operator : YP\AJ
Sample : PB169164BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB169164BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 14:28:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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	2.606	1.975	35437619	32436511	0.223	0.230
2)	SA DBCP	5.957	4.987	76729279	75153959	0.224	0.246

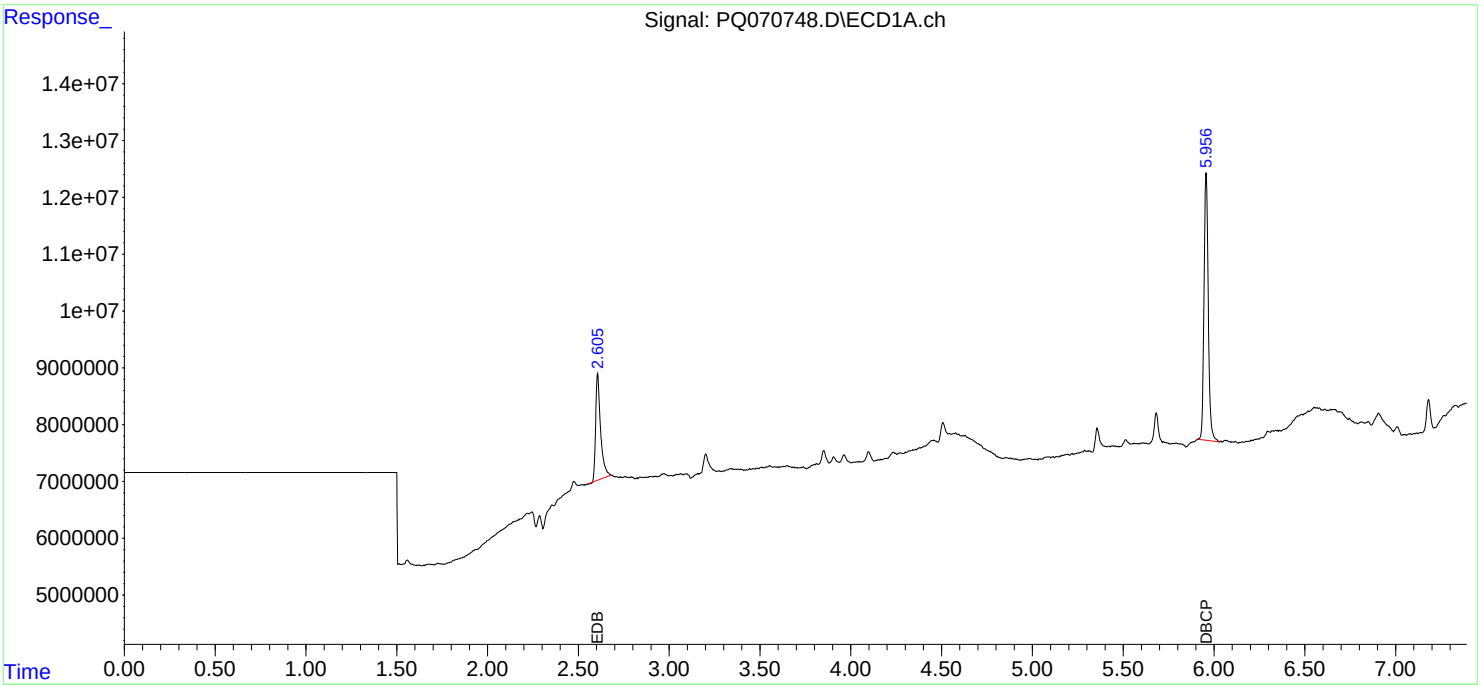
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

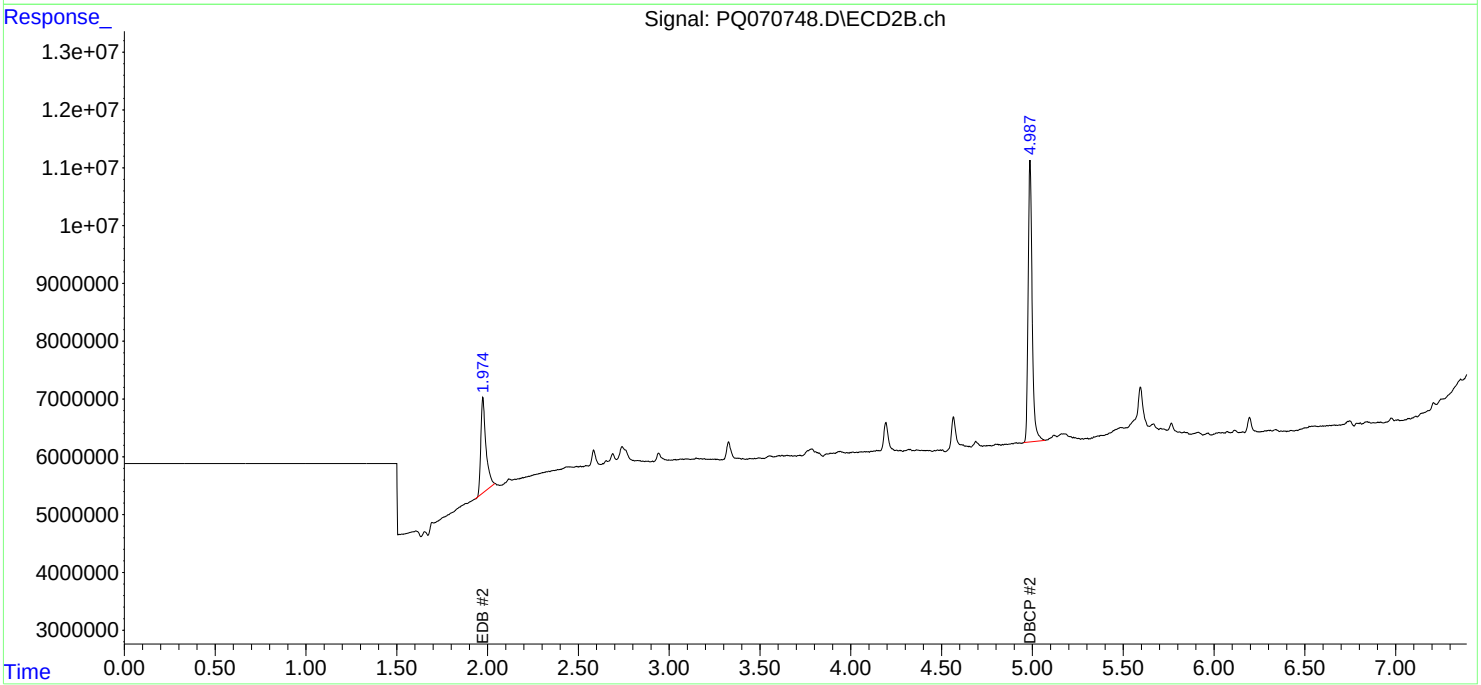
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 13:53
Operator : YP\AJ
Sample : PB169164BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB169164BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 14:28:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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





Raw Data: **PQ070749.D**

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Drinking Water PT	Date Received:	
Client Sample ID:	PB169164BSD	SDG No.:	Q2552
Lab Sample ID:	PB169164BSD	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
PQ070749.D	1	08/08/25 09:40	08/08/25 14:03	PB169164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
96-12-8	DBCP	0.24		0.010	0.025	ug/L
106-93-4	EDB	0.23		0.0077	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_Q\Data\PQ080825\
Data File : PQ070749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 14:03
Operator : YP\AJ
Sample : PB169164BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB169164BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 14:28:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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	2.607	1.974	35159986	32651826	0.221	0.231
2)	SA DBCP	5.957	4.987	76709799	73840183	0.224	0.242

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

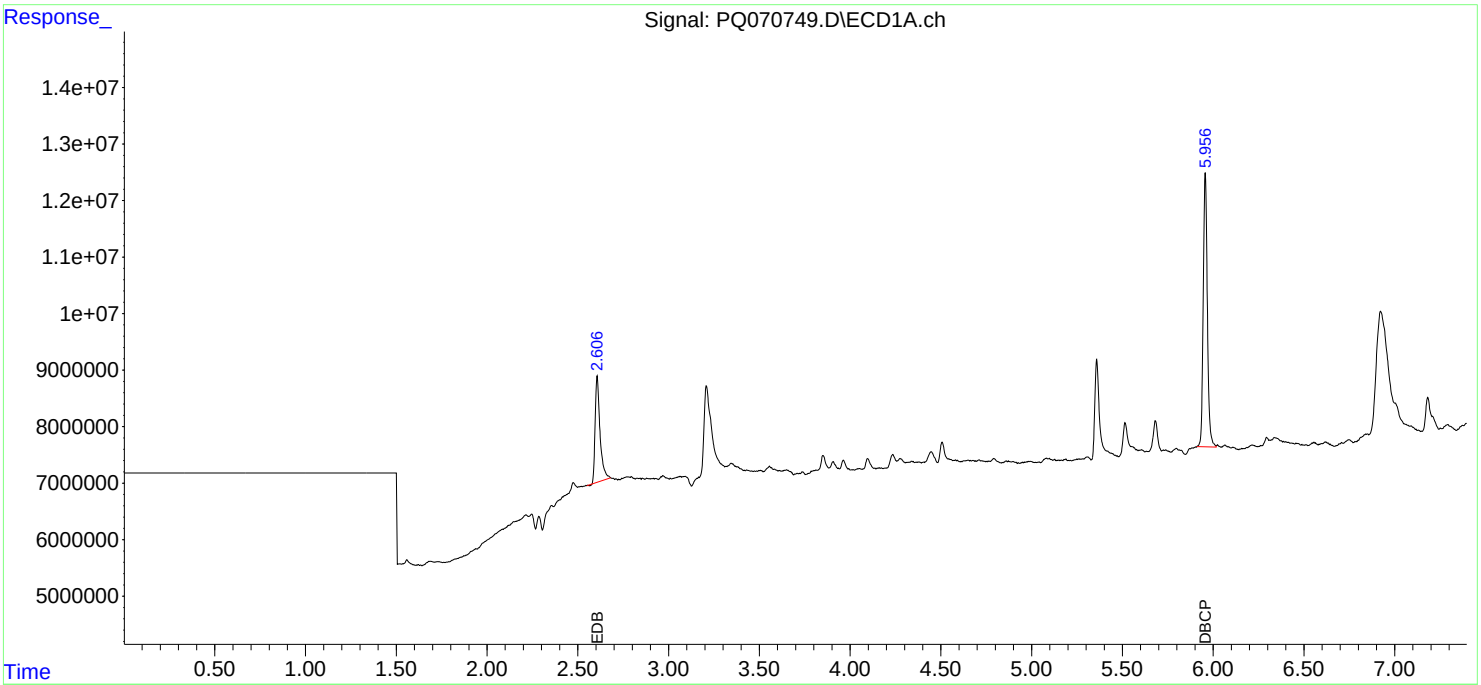
Sample Results: **PQ070749.D**

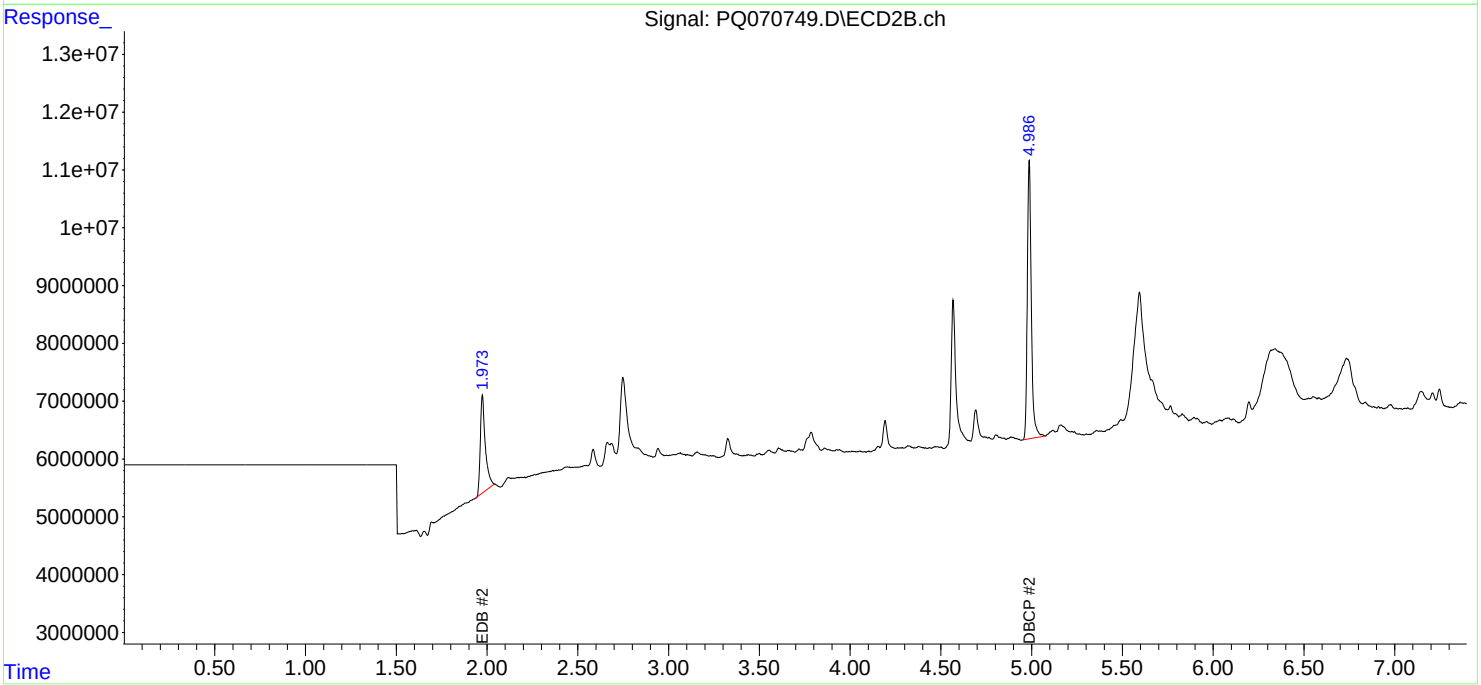
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080825\
Data File : PQ070749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 14:03
Operator : YP\AJ
Sample : PB169164BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB169164BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 14:28:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080825-8011-504.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 08 11:58:18 2025
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:	PQ080825	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
M8011.504.1 0.025 PPB ICC	PQ070740.D	DBCP	yogesh	8/11/2025 9:27:16 AM	mohammad	8/12/2025 1:18:34	Peak Integrated by Software
M8011.504.1 0.025 PPB ICC	PQ070740.D	DBCP #2	yogesh	8/11/2025 9:27:16 AM	mohammad	8/12/2025 1:18:34	Peak Integrated by Software
M8011.504.1 0.025 PPB ICC	PQ070740.D	EDB	yogesh	8/11/2025 9:27:16 AM	mohammad	8/12/2025 1:18:34	Peak Integrated by Software
M8011.504.1 0.5 PPB ICC	PQ070741.D	EDB	yogesh	8/11/2025 9:27:03 AM	mohammad	8/12/2025 1:18:34	Peak Integrated by Software
M8011.504.1 0.5 PPB ICC	PQ070741.D	EDB #2	yogesh	8/11/2025 9:27:03 AM	mohammad	8/12/2025 1:18:34	Peak Integrated by Software
M8011.504.1 0.25 PPB ICC	PQ070742.D	EDB	yogesh	8/11/2025 9:27:04 AM	mohammad	8/12/2025 1:18:34	Peak Integrated by Software
M8011.504.1 0.25 PPB ICC	PQ070742.D	EDB #2	yogesh	8/11/2025 9:27:04 AM	mohammad	8/12/2025 1:18:34	Peak Integrated by Software
M8011.504.1 0.1 PPB CCC	PQ070755.D	DBCP #2	yogesh	8/11/2025 9:27:09 AM	mohammad	8/12/2025 1:18:34	Peak Integrated by Software
M8011.504.1 0.1 PPB CCC	PQ070755.D	EDB #2	yogesh	8/11/2025 9:27:09 AM	mohammad	8/12/2025 1:18:34	Peak Integrated by Software

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ080825

Review By	yogesh	Review On	8/8/2025 4:11:27 PM		
Supervise By	mohammad	Supervise On	8/12/2025 1:18:34 AM		
SubDirectory	PQ080825	HP Acquire Method		HP Processing Method	PQ080825

STD. NAME	STD REF.#
Tune/Reschk	PP24780
Initial Calibration Stds	PP24775,PP24777,PP24792,PP24793,PP24794,PP24795,PP24796
CCC	PP24794
Internal Standard/PEM	
ICV/I.BLK	PP24778,PP24779,PP24797
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ070737.D	08 Aug 2025 10:19	YP\AJ	Ok
2	M8011.504.1 0.1 PPB ICC	PQ070738.D	08 Aug 2025 10:48	YP\AJ	Ok
3	M8011.504.1 0.05 PPB ICC	PQ070739.D	08 Aug 2025 10:58	YP\AJ	Ok
4	M8011.504.1 0.025 PPB ICC	PQ070740.D	08 Aug 2025 11:08	YP\AJ	Ok,M
5	M8011.504.1 0.5 PPB ICC	PQ070741.D	08 Aug 2025 11:17	YP\AJ	Ok,M
6	M8011.504.1 0.25 PPB ICC	PQ070742.D	08 Aug 2025 11:41	YP\AJ	Ok,M
7	M8011.504.1 0.1 PPB ICV	PQ070743.D	08 Aug 2025 12:47	YP\AJ	Ok
8	RT CHECK	PQ070744.D	08 Aug 2025 13:06	YP\AJ	Ok
9	M8011.504.1 0.1 PPB CCC	PQ070745.D	08 Aug 2025 13:15	YP\AJ	Ok
10	Low-Level LFB-MDL Check	PQ070746.D	08 Aug 2025 13:25	YP\AJ	Ok,M
11	PB169164BL	PQ070747.D	08 Aug 2025 13:44	YP\AJ	Ok
12	PB169164BS	PQ070748.D	08 Aug 2025 13:53	YP\AJ	Ok
13	PB169164BSD	PQ070749.D	08 Aug 2025 14:03	YP\AJ	Ok
14	Q2552-11	PQ070750.D	08 Aug 2025 14:13	YP\AJ	Ok
15	Q2552-11DL	PQ070751.D	08 Aug 2025 14:22	YP\AJ	Not Ok
16	M8011.504.1 0.1 PPB CCC	PQ070752.D	08 Aug 2025 14:32	YP\AJ	Ok
17	PB169170BL	PQ070753.D	08 Aug 2025 14:42	YP\AJ	Ok
18	Q2126-09	PQ070754.D	08 Aug 2025 14:51	YP\AJ	Ok,M
19	M8011.504.1 0.1 PPB CCC	PQ070755.D	08 Aug 2025 15:01	YP\AJ	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ080825

Review By	yogesh	Review On	8/8/2025 4:11:27 PM		
Supervise By	mohammad	Supervise On	8/12/2025 1:18:34 AM		
SubDirectory	PQ080825	HP Acquire Method		HP Processing Method	PQ080825

STD. NAME	STD REF.#
Tune/Reschk	PP24780
Initial Calibration Stds	PP24775,PP24777,PP24792,PP24793,PP24794,PP24795,PP24796
CCC	PP24794
Internal Standard/PEM	
ICV/I.BLK	PP24778,PP24779,PP24797
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ070737.D	08 Aug 2025 10:19		YP\AJ	Ok
2	M8011.504.1 0.1 PPB IC	M8011.504.1 0.1 PPB I	PQ070738.D	08 Aug 2025 10:48		YP\AJ	Ok
3	M8011.504.1 0.05 PPB	M8011.504.1 0.05 PPB	PQ070739.D	08 Aug 2025 10:58		YP\AJ	Ok
4	M8011.504.1 0.025 PPB	M8011.504.1 0.025 PPI	PQ070740.D	08 Aug 2025 11:08		YP\AJ	Ok,M
5	M8011.504.1 0.5 PPB IC	M8011.504.1 0.5 PPB I	PQ070741.D	08 Aug 2025 11:17		YP\AJ	Ok,M
6	M8011.504.1 0.25 PPB	M8011.504.1 0.25 PPB	PQ070742.D	08 Aug 2025 11:41		YP\AJ	Ok,M
7	M8011.504.1 0.1 PPB IC	ICVPQ080825	PQ070743.D	08 Aug 2025 12:47		YP\AJ	Ok
8	RT CHECK	RT CHECK	PQ070744.D	08 Aug 2025 13:06		YP\AJ	Ok
9	M8011.504.1 0.1 PPB C	M8011.504.1 0.1 PPB C	PQ070745.D	08 Aug 2025 13:15		YP\AJ	Ok
10	Low-Level LFB-MDL Ch	Low-Level LFB-MDL Ch	PQ070746.D	08 Aug 2025 13:25		YP\AJ	Ok,M
11	PB169164BL	PB169164BL	PQ070747.D	08 Aug 2025 13:44		YP\AJ	Ok
12	PB169164BS	PB169164BS	PQ070748.D	08 Aug 2025 13:53		YP\AJ	Ok
13	PB169164BSD	PB169164BSD	PQ070749.D	08 Aug 2025 14:03		YP\AJ	Ok
14	Q2552-11	WS0725-PT-EDBCP-W	PQ070750.D	08 Aug 2025 14:13		YP\AJ	Ok
15	Q2552-11DL	WS0725-PT-EDBCP-W	PQ070751.D	08 Aug 2025 14:22	Not Required	YP\AJ	Not Ok
16	M8011.504.1 0.1 PPB C	M8011.504.1 0.1 PPB C	PQ070752.D	08 Aug 2025 14:32		YP\AJ	Ok
17	PB169170BL	PB169170BL	PQ070753.D	08 Aug 2025 14:42		YP\AJ	Ok
18	Q2126-09	MDL-WATER-03-QT2-2	PQ070754.D	08 Aug 2025 14:51		YP\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ080825

Review By	yogesh	Review On	8/8/2025 4:11:27 PM		
Supervise By	mohammad	Supervise On	8/12/2025 1:18:34 AM		
SubDirectory	PQ080825	HP Acquire Method		HP Processing Method	PQ080825

STD. NAME	STD REF.#
Tune/Reschk	PP24780
Initial Calibration Stds	PP24775,PP24777,PP24792,PP24793,PP24794,PP24795,PP24796
CCC	PP24794
Internal Standard/PEM	
ICV/I.BLK	PP24778,PP24779,PP24797
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	M8011.504.1 0.1 PPB C	M8011.504.1 0.1 PPB C	PQ070755.D	08 Aug 2025 15:01		YP\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169164

SOP ID:	M504.1-8011-EDB&DBCP by G-10				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/08/2025
Matrix :	Water			**Extraction Start Time :**	09:40
Weigh By:	N/A	**Extraction By:**	YP	**Extraction End Date :**	08/08/2025
Balance check:	YP	**Filter By:**	N/A	**Extraction End Time :**	10:30
Balance ID:	VOA-SC-1	**pH Meter ID:**	N/A	**Concentration By:**	YP
pH Strip Lot#:	N/A	**Hood ID:**	N/A	**Supervisor By :**	mohammad

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

☑ Micro Extraction

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike	N/A	N/A	PP24790
Blank Spike	N/A	N/A	PP24791
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	N/A	M4459
Hexane	N/A	E3962
DI WATER	N/A	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
08/08/25 10:35	Y.P. PCB+TPH Lab.	Y.P. PCB+TPH
	Preparation Group	**Analysis Group**

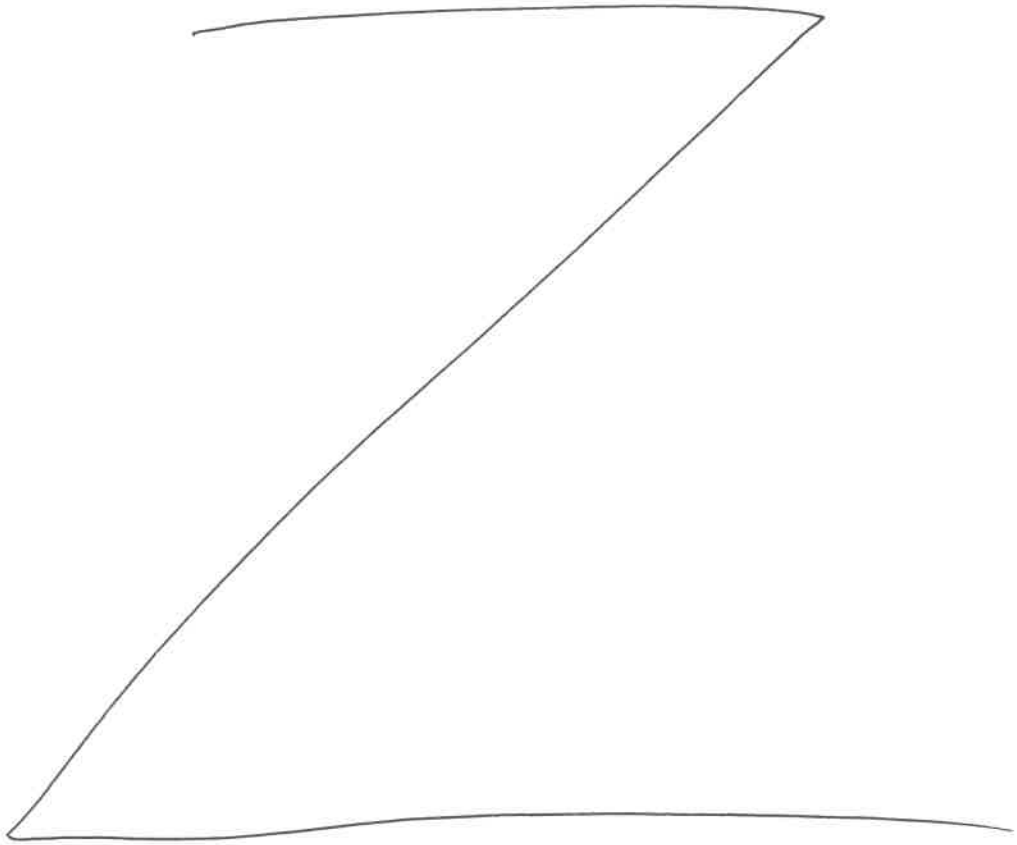
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169164

Analytical Method: M504.1-8011-EDB&DBCP by G-10 **Concentration Date:** 08/08/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169164BL	PB169164BL	VOCGC Group 1	35	N/A	yogesh	mohammad	2			
PB169164BS	PB169164BS	VOCGC Group 1	35	N/A	yogesh	mohammad	2			
PB169164BSD	PB169164BSD	VOCGC Group 1	35	N/A	yogesh	mohammad	2			
Q2552-11	WS0725-PT-EDBCP-WS	VOCGC Group 1	35	N/A	yogesh	mohammad	2			



Y.P

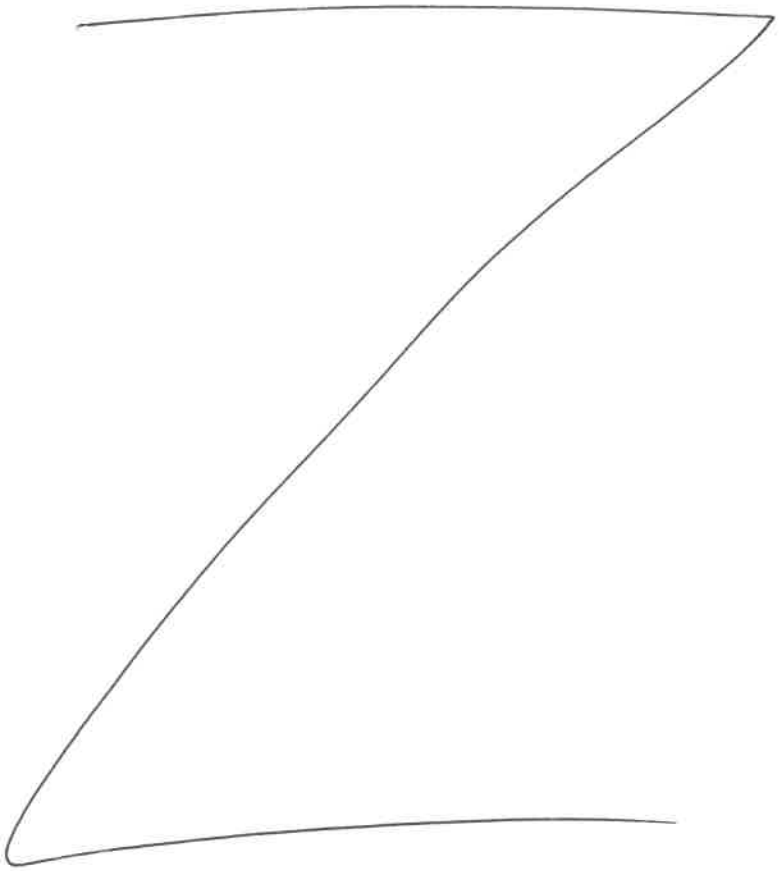
08/08/25

* **Extracts relinguished on the same date as received.**

Extraction Page

PrepBatch ID : PB169164

Sample ID	Initial Vol. (mL)	pH	Spike Added	Verified By	Final Vol (mL)	Prep ID
M504.1-8011 ICC 0.50 PPB	35	NA	Yogesh	Mohammad	2	PP24792
M504.1-8011 ICC 0.25 PPB	35	NA	Yogesh	Mohammad	2	PP24793
M504.1-8011 ICC 0.1 PPB	35	NA	Yogesh	Mohammad	2	PP24794
M504.1-8011 ICC 0.05 PPB	35	NA	Yogesh	Mohammad	2	PP24795
M504.1-8011 ICC 0.025 PPB	35	NA	Yogesh	Mohammad	2	PP24796
M504.1-8011 ICV 0.1 PPB	35	NA	Yogesh	Mohammad	2	PP24797
RT Check	35	NA	Yogesh	Mohammad	2	PP24863
M504.1-8011 CCC 0.1 PPB	35	NA	Yogesh	Mohammad	2	PP24864
M504.1-8011 LFBMDL Check 0.02 PPB	35	NA	Yogesh	Mohammad	2	PP24865



Y.P.
08/08/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2552 **WorkList ID :** 191349 **Department :** Extraction **Date :** 08-06-2025 10:56:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2552-11	WS0725-PT-EDBCP-WS	Water	VOCGC Group 1	1:1 HCl to pH < 2	ALLI03	VOA L	07/07/2025	504.1

Date/Time 08108125 08:20
Raw Sample Received by: Y.P.
Raw Sample Relinquished by: M.D.

Date/Time 08108125 13:20
Raw Sample Received by: M.D
Raw Sample Relinquished by: Y.P.

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

Prep Standard - Chemical Standard Summary

Order ID : Q2552

Test : VOCGC Group 1

Prepbatch ID : PB169164,

Sequence ID/Qc Batch ID: PQ080825,

Standard ID :
PP24775,PP24777,PP24778,PP24779,PP24780,PP24792,PP24793,PP24794,PP24795,PP24796,PP24797,

Chemical ID :
E3962,M4459,P12214,P13235,P13240,P13891,V14625,W3112,

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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
2263	EDB-DBCP 2 PPM Stock Solution	PP24775	08/05/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.01000ml of P13235 + 0.01000ml of P13891 + 9.98000ml of V14625 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2517	EDB-DBCP 100 PPB Working Solution	PP24777	08/05/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 9.50000ml of V14625 + 0.50000ml of PP24775 = 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
2264	EDB-DBCP 2 PPM Stock Solution 2nd Source	PP24778	08/05/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P12214 + 9.90000ml of V14625 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2518	EDB-DBCP 100 PPB Working Sol. 2nd Source	PP24779	08/05/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 9.50000ml of V14625 + 0.50000ml of PP24778 = 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
2267	DBCM 2 PPM Stock Solution	PP24780	08/05/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.01000ml of P13240 + 9.99000ml of V14625 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2269	M8011-504.1 0.5 PPB STD	PP24792	08/08/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 35.00000ml of W3112 + 0.17500ml of PP24777 = Final Quantity: 35.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2270	M8011-504.1 0.25 PPB STD	PP24793	08/08/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 35.00000ml of W3112 + 0.08750ml of PP24777 = Final Quantity: 35.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2271	M8011-504.1 0.1 PPB STD	PP24794	08/08/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 35.00000ml of W3112 + 0.03500ml of PP24777 = Final Quantity: 35.000 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
2272	M8011-504.1 0.05 PPB STD	PP24795	08/08/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 35.00000ml of W3112 + 0.01750ml of PP24777 = Final Quantity: 35.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2273	M8011-504.1 0.025 PPB STD	PP24796	08/08/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 35.00000ml of W3112 + 0.00880ml of PP24777 = Final Quantity: 35.000 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
2274	M8011-504.1 0.1 PPB ICV STD	PP24797	08/08/2025	01/29/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 35.00000ml of W3112 + 0.03500ml of PP24779 = Final Quantity: 35.000 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	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-3624-05 / Sodium Chloride, Crystal (cs/4x2.5kg)	0000237721	04/13/2026	10/03/2022 / Ankita	10/30/2019 / AMANDEEP	M4459

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30239 / 504.1 Calibration Mix (3 components)	A0170154	01/29/2026	07/30/2024 / Ankita	11/28/2022 / Ankita	P12214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30272 / 1,2-Dibromoethane Standard, 2000 ug/ml	A0183330	03/31/2027	08/05/2025 / yogesh	02/02/2024 / Ankita	P13235

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30271 / Dibromochloromethane Standard, 2,000 ug/ml	A0204416	06/30/2029	08/05/2025 / yogesh	02/02/2024 / Ankita	P13240

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30270 / 1,2-Dibromo-3-Chloropropane Standard, 2,000 ug/ml	A0217030	02/05/2026	08/05/2025 / yogesh	02/03/2025 / Ankita	P13891

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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	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/29/2026	07/29/2025 / SAM	11/26/2024 / SAM	V14625

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

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Sodium Chloride, Crystal
BAKER ANALYZED® A.C.S. Reagent

avantor™ | J.T.Baker®

From M4452 to M4459

Received on : 10/30/2019
Received by : AK

Material No.: 3624-05
Batch No.: 0000237721
Manufactured Date: 2019/04/15
Retest Date: 2026/04/13
Revision No: 1

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay (NaCl) (by Ag titrn)	>= 99.0 %	100.3
pH of 5% Solution at 25°C	5.0 - 9.0	6.0
ACS - Insoluble Matter	<= 0.005 %	< 0.001
Iodide (I)	<= 0.002 %	< 0.002
Bromide (Br)	<= 0.01 %	< 0.01
Chlorate and Nitrate (as NO_3)	<= 0.003 %	< 0.001
ACS - Phosphate (PO_4)	<= 5 ppm	< 5
Sulfate (SO_4)	<= 0.004 %	< 0.004
Barium (Ba)	Passes Test	PT
ACS - Heavy Metals (as Pb)	<= 5 ppm	< 5
Iron (Fe)	<= 2 ppm	< 2
Calcium (Ca)	<= 0.002 %	< 0.001
Magnesium (Mg)	<= 0.001 %	< 0.001
Potassium (K)	<= 0.005 %	0.002

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

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

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Certificate of Analysis

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ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3232.02

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. : 30272 **Lot No.:** A0183330

Description : 1,2-Dibromoethane Standard

1,2-Dibromoethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	1,2-Dibromoethane (EDB) **CAS #** 106-93-4 (Lot BCBZ7221) **Purity** 99%	2,016.0 µg/mL	+/- 18.7477 +/- 113.9782 +/- 116.6017	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

P13233
↓
P13237

AJ
02/02/24

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

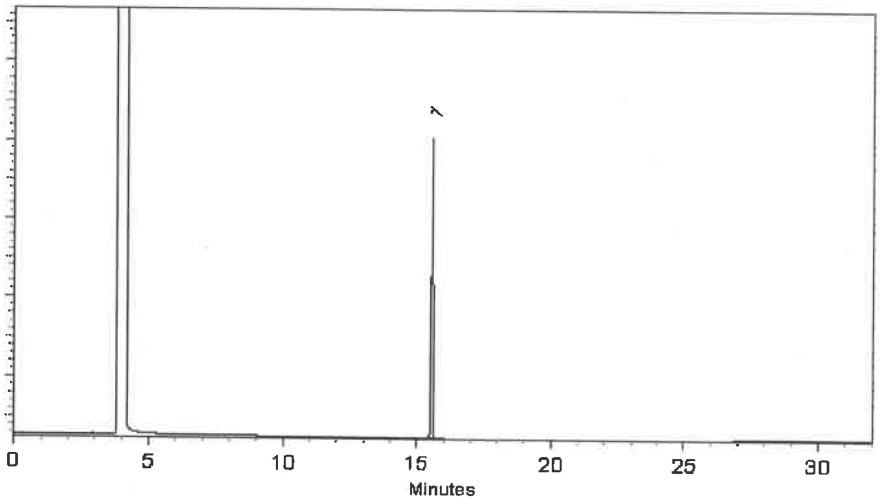
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



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.

Jess Hoy - Operations Tech I

Date Mixed: 25-Mar-2022 **Balance:** 1127510105

Amanda Miller - Operations Tech-ARM QC

Date Passed: 30-Mar-2022

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.

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Catalog No. : 30271 **Lot No.:** A0204416

Description : Dibromochloromethane Standard

Dibromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	dibromochloromethane	124-48-1	MKCQ4517	99%	2,000.0 µg/mL	+/- 113.2852

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

P13238 + P13242 AJ 02/02/24

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

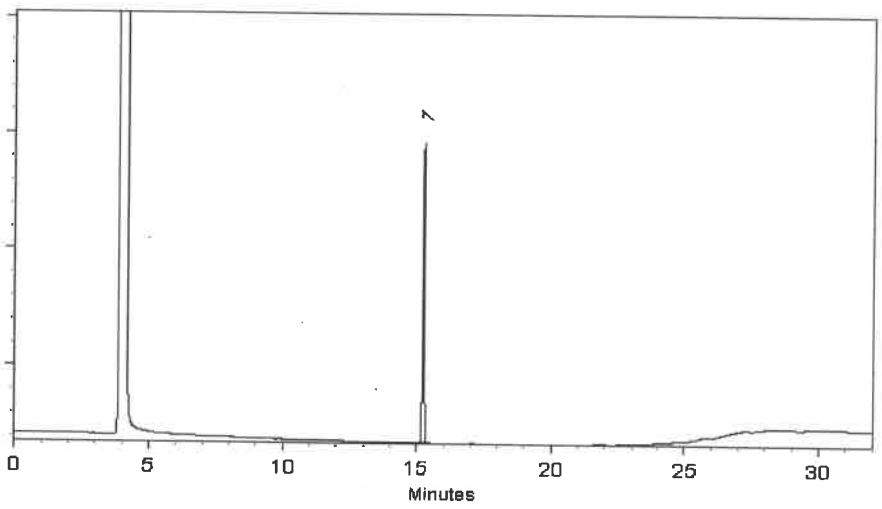
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 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.

Daniel Wasson - Operations Tech I

Date Mixed: 13-Nov-2023 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Nov-2023

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. : 30270 **Lot No.:** A0217030

Description : 1,2-Dibromo-3-chloropropane Standard

1,2-Dibromo-3-Chloropropane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dibromo-3-chloropropane	96-12-8	FBL01	98%	2,018.8 µg/mL	+/- 114.3500

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

P13890
↓
P13892

AJ
02/03/2025

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

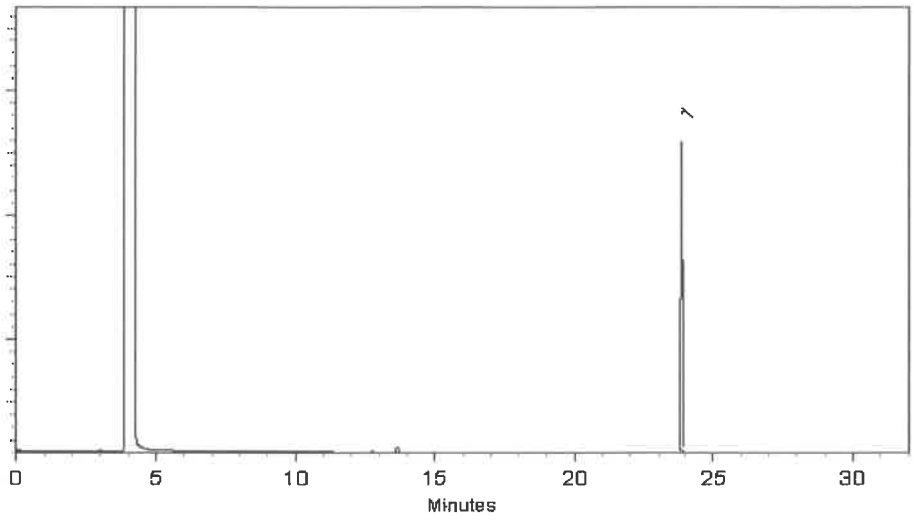
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 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.

Russ Bookhamer - Operations Technician I

Date Mixed: 25-Sep-2024 **Balance Serial #** 1121472889

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 27-Sep-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

SHIPPING DOCUMENTS

22552

phenova® Certified Reference Materials | A Phenomenex® Company

Packing List

Date	Order #
07/07/2025	333292

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

Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

7/9/25 10:10

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-2553	Net 30	ZCM-100	1500470	FedEx Collect 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-TM-WS	WS Trace Metals 1	WS0725	9101-04
1	1	0	PT-HG-WS	WS Trace Metals Mercury	WS0725	9101-05
1	1	0	PT-MIN-WS	WS Minerals Only	WS0725	9101-51
1	1	0	PT-TURB-WS	WS Turbidity	WS0725	9101-13
1	1	0	PT-SIO2-WS	WS Silica	WS0725	9101-17
1	1	0	PT-RVOA-WS	WS Regulated Volatiles	WS0725	9101-21
1	1	0	PT-UNRVOA-WS	WS Unregulated Volatiles	WS0725	9101-22
1	1	0	PT-THM-WS	WS Trihalomethanes	WS0725	9101-23
1	1	0	PT-EDBCP-WS	WS EDB/DBCP/TCP	WS0725	9101-27
1	1	0	PT-ADD-WS	WS Gasoline Additives	WS0725	9101-36

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148