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Cover Page

Order ID : Q2473

Project ID : NOHO RFI No. SC64025 NYC

Client : JPCL Engineering

Lab Sample Number	Client Sample Number
Q2473-01	PIT#1
Q2473-02	PIT#2
Q2473-03	PIT#3
Q2473-04	PIT#4
Q2473-05	PIT#1
Q2473-06	PIT#2
Q2473-07	PIT#3
Q2473-08	PIT#4

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: 7/12/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

JPCL Engineering
Project Name: NOHO RFI No. SC64025 NYC
Project # N/A
Order ID # Q2473
Test Name: Herbicide

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 07/01/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Corrosivity, Cyanide, Herbicide, Ignitability, Mercury, Metals ICP-Group1, Metals ICP-TAL, METALS-TAL, PCB, PESTICIDE Group1, Pesticide-TCL, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-Chemtech Full, SVOC-TCL BNA -20, TCLP Extraction, TCLP Mercury, TCLP Metal, TCLPMetals Group3, TPH, TPH GC, VOC-TCL and VOC-TCLVOA-10. This data package contains results for Herbicide.

C. Analytical Techniques:
The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324The analysis of Herbicides was based on method 8151A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.

The MS {Q2458-01MS} with File ID: PS030949.D recoveries met the requirements for all compounds except for [Dinoseb(1)0% - Dinoseb(2)0%] due to matrix interference .

The MSD {Q2458-01MSD} with File ID: PS030950.D recoveries met the acceptable requirements except for [Dinoseb(1)0% - Dinoseb(2)0%] due to matrix interference .

The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

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E. Additional Comments:
The soil samples results are based on a dry weight basis.

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 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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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2473**

	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: **MAHESH PATEL** **Date:** **07/12/2025**

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LAB CHRONICLE

OrderID:	Q2473	**OrderDate:**	7/1/2025 12:14:15 PM
Client:	JPCL Engineering	**Project:**	NOHO RFI No. SC64025 NYC
Contact:	Paul Rotondi	**Location:**	--Select--,A12,A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2473-01	**PIT#1**	**SOIL**			**07/01/25**			**07/01/25**
			Herbicide	8151A		07/02/25	07/07/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
Q2473-02	**PIT#2**	**SOIL**			**07/01/25**			**07/01/25**
			Herbicide	8151A		07/02/25	07/07/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
Q2473-03	**PIT#3**	**SOIL**			**07/01/25**			**07/01/25**
			Herbicide	8151A		07/02/25	07/07/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	
Q2473-04	**PIT#4**	**SOIL**			**07/01/25**			**07/01/25**
			Herbicide	8151A		07/02/25	07/07/25	
			PCB	8082A		07/02/25	07/02/25	
			Pesticide-TCL	8081B		07/02/25	07/02/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2473 **Order ID:** Q2473

Client: JPCL Engineering **Project ID:** NOHO RFI No. SC64025 NYC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

QC
SUMMARY

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Surrogate Summary

SDG No.: Q2473

Client: JPCL Engineering

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS030738.D	PIBLK-PS030738.D	2,4-DCAA	1	500	414	83		61	136
		2,4-DCAA	2	500	487	97		61	136
I.BLK-PS030916.D	PIBLK-PS030916.D	2,4-DCAA	1	500	421	84		61	136
		2,4-DCAA	2	500	481	96		61	136
Q2473-01	PIT#1	2,4-DCAA	1	500	65.0	13		10	141
		2,4-DCAA	2	500	63.5	13		10	141
I.BLK-PS030927.D	PIBLK-PS030927.D	2,4-DCAA	1	500	468	94		61	136
		2,4-DCAA	2	500	502	100		61	136
Q2473-02	PIT#2	2,4-DCAA	1	500	62.0	12		10	141
		2,4-DCAA	2	500	76.2	15		10	141
Q2473-03	PIT#3	2,4-DCAA	1	500	89.6	18		10	141
		2,4-DCAA	2	500	100	20		10	141
I.BLK-PS030931.D	PIBLK-PS030931.D	2,4-DCAA	1	500	470	94		61	136
		2,4-DCAA	2	500	497	99		61	136
Q2473-04	PIT#4	2,4-DCAA	1	500	269	54		10	141
		2,4-DCAA	2	500	271	54		10	141
I.BLK-PS030940.D	PIBLK-PS030940.D	2,4-DCAA	1	500	472	94		61	136
		2,4-DCAA	2	500	494	99		61	136
I.BLK-PS030943.D	PIBLK-PS030943.D	2,4-DCAA	1	500	481	96		61	136
		2,4-DCAA	2	500	497	99		61	136
PB168706BL	PB168706BL	2,4-DCAA	1	500	452	90		10	141
		2,4-DCAA	2	500	489	98		10	141
Q2458-01MS	TP-76MS	2,4-DCAA	1	500	341	68		10	141
		2,4-DCAA	2	500	375	75		10	141
Q2458-01MSD	TP-76MSD	2,4-DCAA	1	500	347	69		10	141
		2,4-DCAA	2	500	378	76		10	141
I.BLK-PS030955.D	PIBLK-PS030955.D	2,4-DCAA	1	500	455	91		61	136
		2,4-DCAA	2	500	469	94		61	136
I.BLK-PS030958.D	PIBLK-PS030958.D	2,4-DCAA	1	500	456	91		61	136
		2,4-DCAA	2	500	462	92		61	136
PB168706BS	PB168706BS	2,4-DCAA	1	500	538	108		10	141
		2,4-DCAA	2	500	503	101		10	141
I.BLK-PS030966.D	PIBLK-PS030966.D	2,4-DCAA	1	500	449	90		61	136
		2,4-DCAA	2	500	467	93		61	136

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2473 **Analytical Method:** 8151A

Client: JPCL Engineering **DataFile :** PS030949.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2458-01MS (Column 1)**	**Client Sample ID:**		**TP-76MS**								
	DICAMBA	183.4	0	86.9	ug/Kg	47				10	112	
	DICHLORPROP	183.4	0	95.6	ug/Kg	52				10	113	
	2,4-D	183.4	0	138	ug/Kg	75				10	144	
	2,4,5-TP(Silvex)	183.4	0	95.3	ug/Kg	52				10	114	
	2,4,5-T	183.4	0	99.8	ug/Kg	54				10	115	
	2,4-DB	183.4	0	97.1	ug/Kg	53				10	140	
	Dinoseb	183.4	0	0	ug/Kg	0	*			10	118	
Lab Sample ID:	**Q2458-01MS (Column 2)**	**Client Sample ID:**		**TP-76MS**								
	DICAMBA	183.4	0	84.8	ug/Kg	46				10	112	
	DICHLORPROP	183.4	0	103	ug/Kg	56				10	113	
	2,4-D	183.4	0	94.4	ug/Kg	51				10	144	
	2,4,5-TP(Silvex)	183.4	0	97.3	ug/Kg	53				10	114	
	2,4,5-T	183.4	0	91.0	ug/Kg	50				10	115	
	2,4-DB	183.4	0	85.1	ug/Kg	46				10	140	
	Dinoseb	183.4	0	0	ug/Kg	0	*			10	118	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2473 **Analytical Method:** 8151A

Client: JPCL Engineering **DataFile :** PS030950.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2458-01MSD (Column 1)**	**Client Sample ID:**		**TP-76MSD**								
	DICAMBA	183.6	0	88.8	ug/Kg	48		2		10	112	20
	DICHLORPROP	183.6	0	95.0	ug/Kg	52		0		10	113	20
	2,4-D	183.6	0	139	ug/Kg	76		1		10	144	20
	2,4,5-TP(Silvex)	183.6	0	95.9	ug/Kg	52		0		10	114	20
	2,4,5-T	183.6	0	101	ug/Kg	55		2		10	115	20
	2,4-DB	183.6	0	95.5	ug/Kg	52		2		10	140	20
	Dinoseb	183.6	0	0	ug/Kg	0	*	0		10	118	20
Lab Sample ID:	**Q2458-01MSD (Column 2)**	**Client Sample ID:**		**TP-76MSD**								
	DICAMBA	183.6	0	86.3	ug/Kg	47		2		10	112	20
	DICHLORPROP	183.6	0	99.3	ug/Kg	54		4		10	113	20
	2,4-D	183.6	0	95.4	ug/Kg	52		2		10	144	20
	2,4,5-TP(Silvex)	183.6	0	96.8	ug/Kg	53		0		10	114	20
	2,4,5-T	183.6	0	90.4	ug/Kg	49		2		10	115	20
	2,4-DB	183.6	0	98.8	ug/Kg	54		16		10	140	20
	Dinoseb	183.6	0	0	ug/Kg	0	*	0		10	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2473 **Analytical Method:** 8151A

Client: JPCL Engineering **Datafile :** PS030965.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168706BS (Column 1)	DICAMBA	166.5	171	ug/Kg	103				72	129	
	DICHLORPROP	166.5	163	ug/Kg	98				77	135	
	2,4-D	166.5	184	ug/Kg	111				65	144	
	2,4,5-TP(Silvex)	166.5	176	ug/Kg	106				74	146	
	2,4,5-T	166.5	183	ug/Kg	110				77	134	
	2,4-DB	166.5	192	ug/Kg	115				72	122	
	Dinoseb	166.5	170	ug/Kg	102				74	132	
PB168706BS (Column 2)	DICAMBA	166.5	161	ug/Kg	97				72	129	
	DICHLORPROP	166.5	159	ug/Kg	95				77	135	
	2,4-D	166.5	153	ug/Kg	92				65	144	
	2,4,5-TP(Silvex)	166.5	167	ug/Kg	100				74	146	
	2,4,5-T	166.5	167	ug/Kg	100				77	134	
	2,4-DB	166.5	161	ug/Kg	97				72	122	
	Dinoseb	166.5	155	ug/Kg	93				74	132	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168706BL

Lab Name: Alliance | Contract: JPCL01

Lab Code: ACE | SDG NO.: Q2473

Lab Sample ID: PB168706BL | Lab File ID: PS030947.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/02/2025

Date Analyzed (1): 07/08/2025 | Date Analyzed (2): 07/08/2025

Time Analyzed (1): 12:19 | Time Analyzed (2): 12:19

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

GC Column (1): RTX-CLP ID: 0.32 (mm) | GC Column (2): RTX-CLP2 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
PIT#1	Q2473-01	PS030926.D	07/07/2025	07/07/2025
PIT#2	Q2473-02	PS030929.D	07/07/2025	07/07/2025
PIT#3	Q2473-03	PS030930.D	07/07/2025	07/07/2025
PIT#4	Q2473-04	PS030933.D	07/07/2025	07/07/2025
TP-76MS	Q2458-01MS	PS030949.D	07/08/2025	07/08/2025
TP-76MSD	Q2458-01MSD	PS030950.D	07/08/2025	07/08/2025
PB168706BS	PB168706BS	PS030965.D	07/09/2025	07/09/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PS030926.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#1	SDG No.:	Q2473
Lab Sample ID:	Q2473-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	90 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030926.D	1	07/02/25 11:30	07/07/25 15:27	PB168706

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.60	U	8.60	74.4	ug/Kg
120-36-5	DICHLORPROP	14.2	U	14.2	74.4	ug/Kg
94-75-7	2,4-D	10.0	U	10.0	74.4	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.1	U	10.1	74.4	ug/Kg
93-76-5	2,4,5-T	9.70	U	9.70	74.4	ug/Kg
94-82-6	2,4-DB	26.9	U	26.9	74.4	ug/Kg
88-85-7	DINOSEB	12.0	U	12.0	74.4	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	65.0		10 - 141	13%	SPK: 500

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_S\Data\PS070725\
Data File : PS030926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 15:27
Operator : AR\AJ
Sample : Q2473-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PIT#1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:51:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.336	7.764	238.7E6	68064679	64.976	63.495
	Target Compounds						

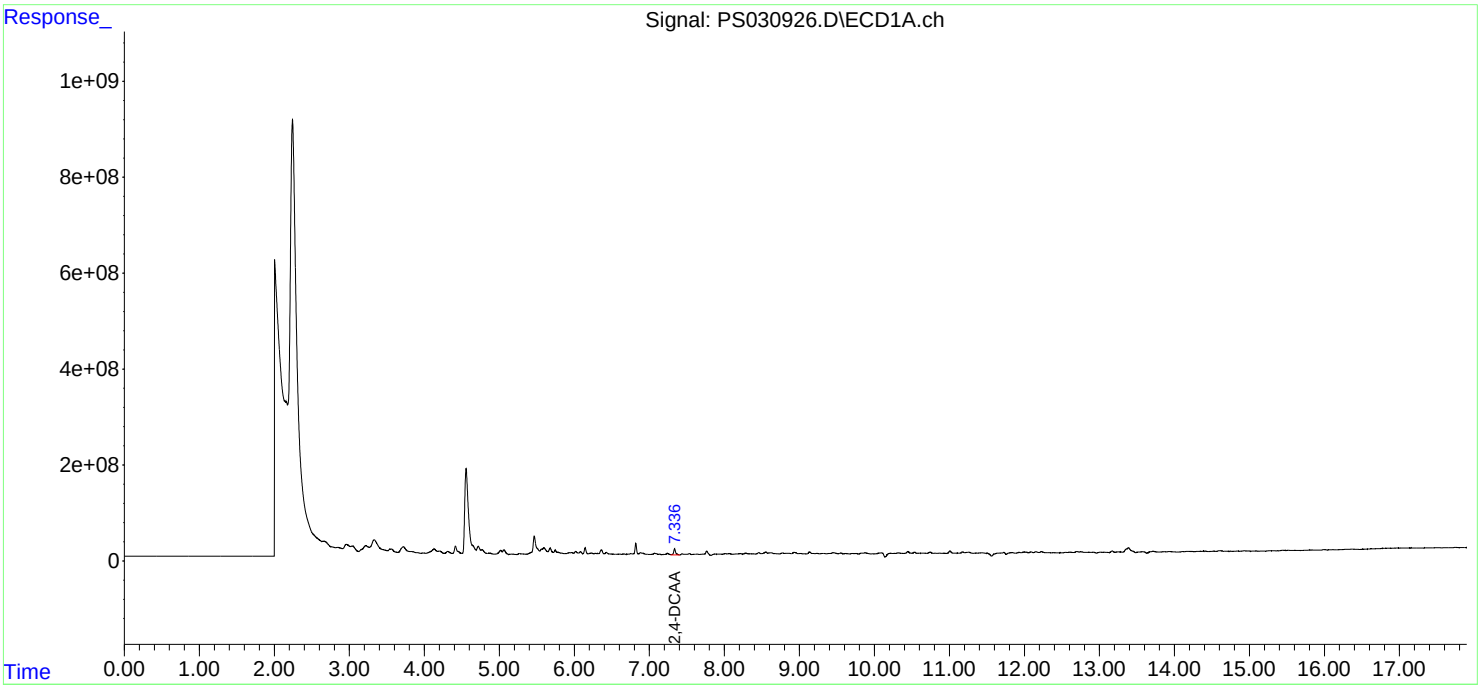
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

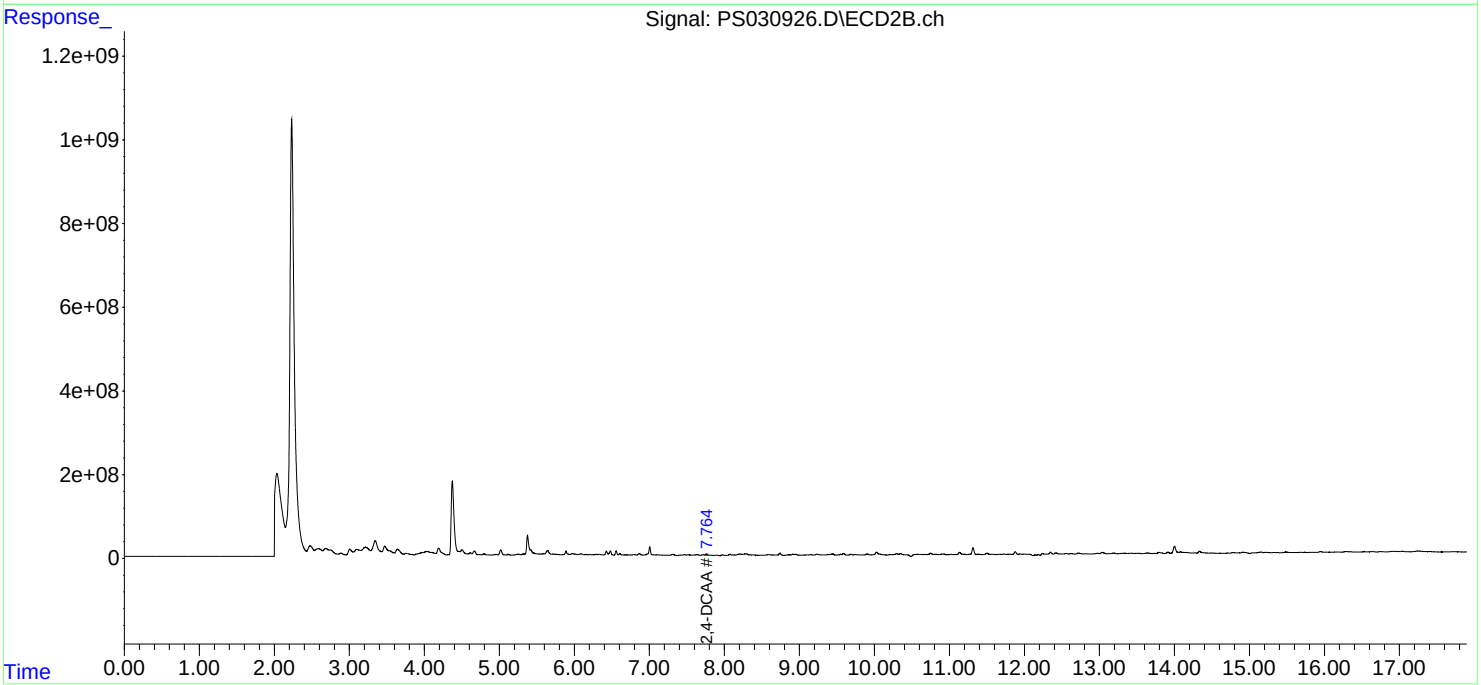
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 15:27
Operator : AR\AJ
Sample : Q2473-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

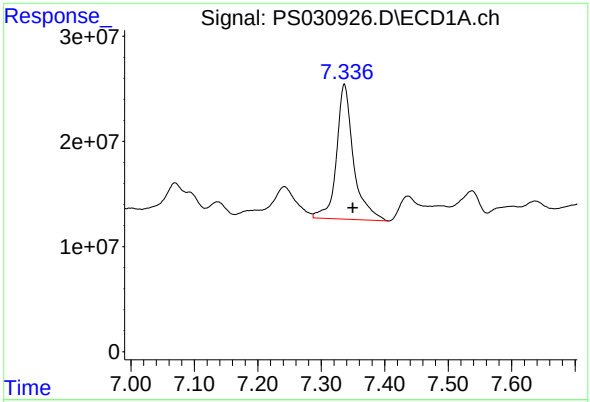
Instrument :
ECD_S
ClientSampleId :
PIT#1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:51:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



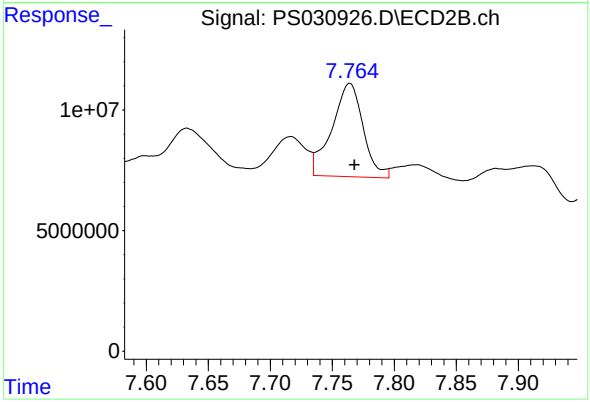




#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 238748261
Conc: 64.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PIT#1



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 68064679
Conc: 63.50 ng/ml

Raw Data: **PS030929.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#2	SDG No.:	Q2473
Lab Sample ID:	Q2473-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	90.1 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030929.D	1	07/02/25 11:30	07/07/25 19:59	PB168706

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.60	U	8.60	74.3	ug/Kg
120-36-5	DICHLORPROP	14.2	U	14.2	74.3	ug/Kg
94-75-7	2,4-D	10.0	U	10.0	74.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	74.3	ug/Kg
93-76-5	2,4,5-T	9.60	U	9.60	74.3	ug/Kg
94-82-6	2,4-DB	26.8	U	26.8	74.3	ug/Kg
88-85-7	DINOSEB	12.0	U	12.0	74.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	76.2		10 - 141	15%	SPK: 500

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_S\Data\PS070725\
Data File : PS030929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 19:59
Operator : AR\AJ
Sample : Q2473-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PIT#2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:52:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.336	7.765	227.9E6	81711463	62.032	76.226
	Target Compounds						

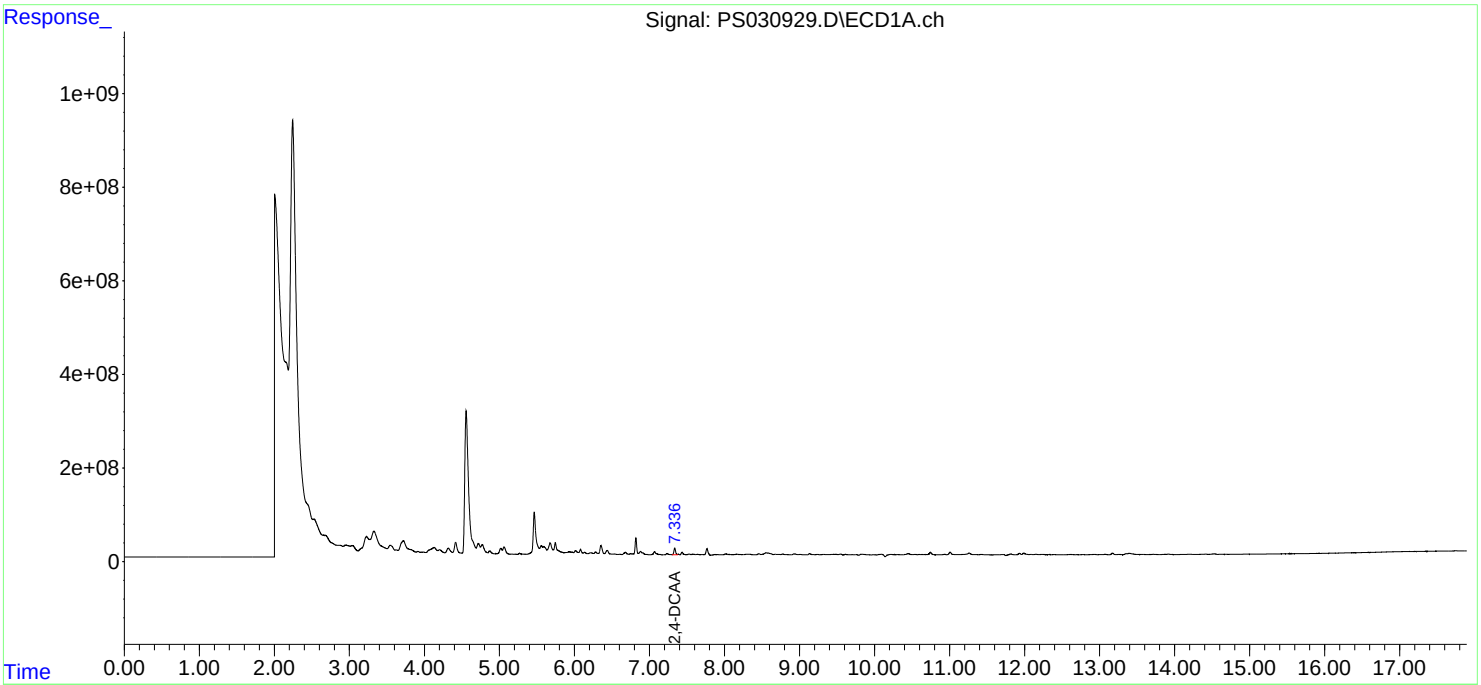
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

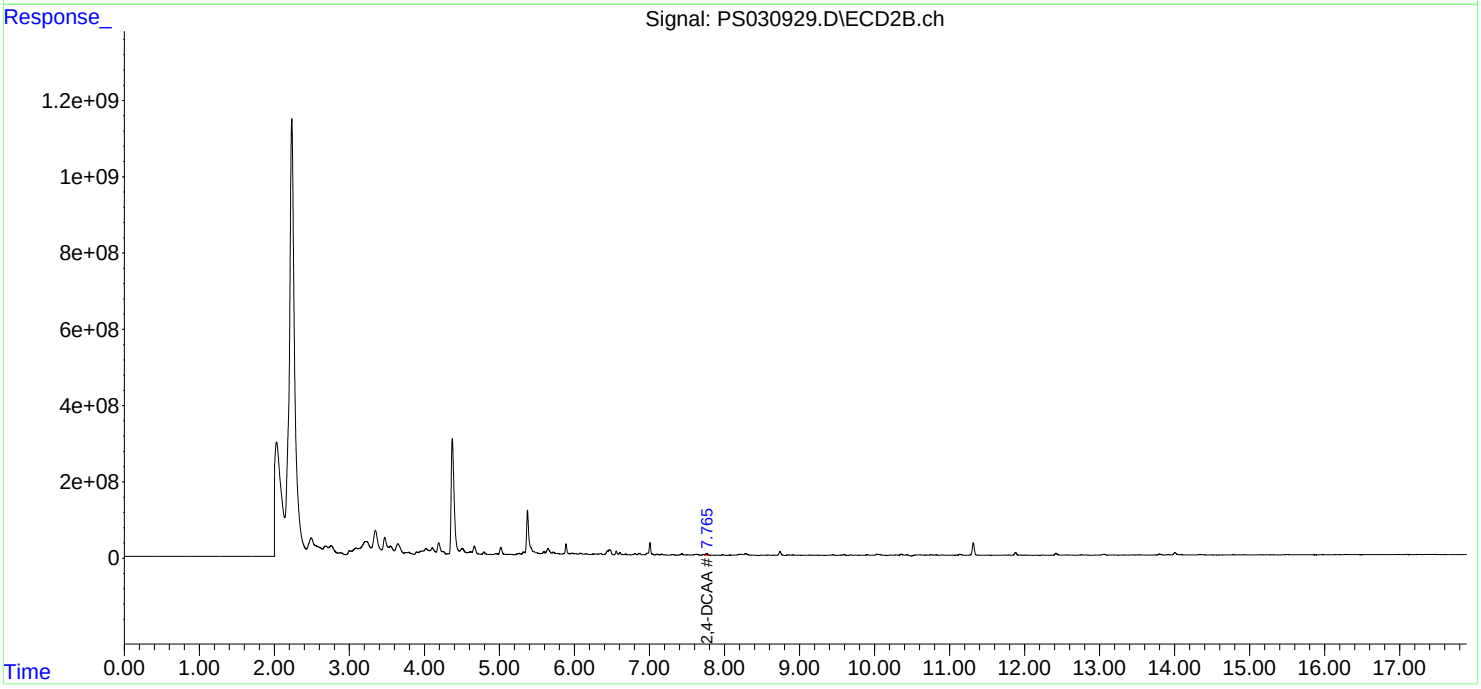
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 19:59
Operator : AR\AJ
Sample : Q2473-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

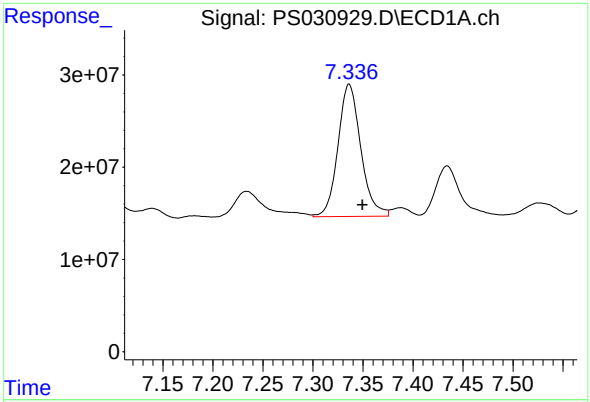
Instrument :
ECD_S
ClientSampleId :
PIT#2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:52:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



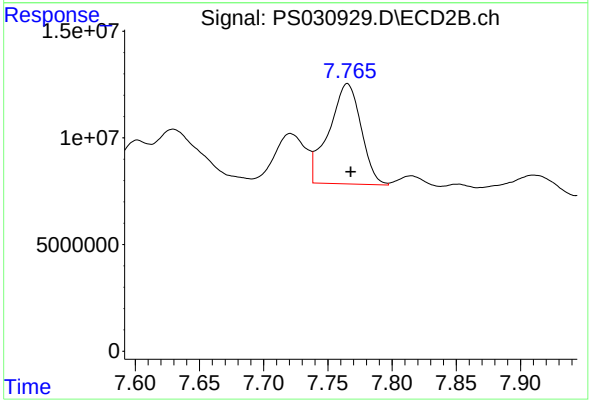




#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 227930454
Conc: 62.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
PIT#2



#4 2,4-DCAA

R.T.: 7.765 min
Delta R.T.: -0.003 min
Response: 81711463
Conc: 76.23 ng/ml

Raw Data: **PS030930.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#3	SDG No.:	Q2473
Lab Sample ID:	Q2473-03	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	88.4 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030930.D	1	07/02/25 11:30	07/07/25 20:24	PB168706

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.70	U	8.70	75.6	ug/Kg
120-36-5	DICHLORPROP	14.4	U	14.4	75.6	ug/Kg
94-75-7	2,4-D	10.2	U	10.2	75.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.2	U	10.2	75.6	ug/Kg
93-76-5	2,4,5-T	9.80	U	9.80	75.6	ug/Kg
94-82-6	2,4-DB	27.3	U	27.3	75.6	ug/Kg
88-85-7	DINOSEB	12.2	U	12.2	75.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	100		10 - 141	20%	SPK: 500

Comments:

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

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

Sample Results: **PS030930.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:24
Operator : AR\AJ
Sample : Q2473-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PIT#3

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:52:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.336	7.766	329.3E6	107.2E6	89.632m	100.028m
	Target Compounds						

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

Sample Results: **PS030930.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:24
Operator : AR\AJ
Sample : Q2473-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

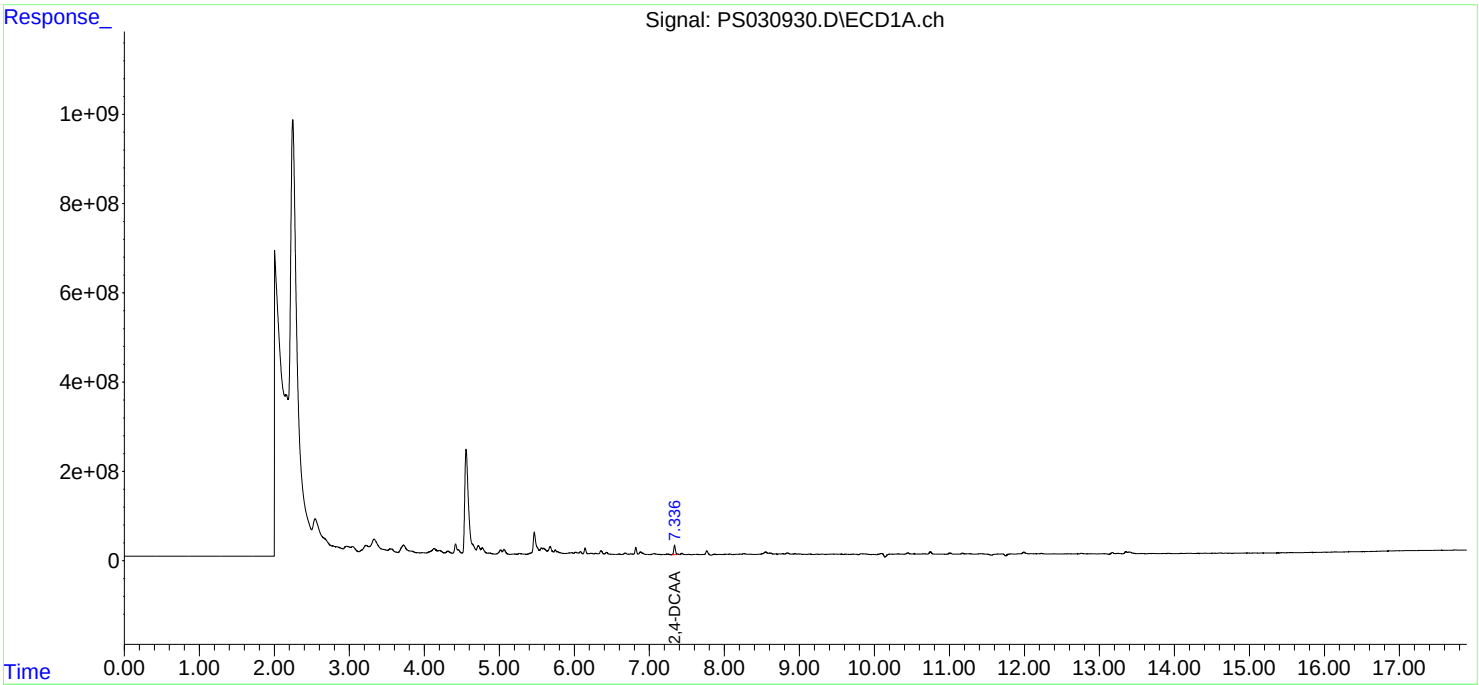
Instrument :
ECD_S
ClientSampleId :
PIT#3

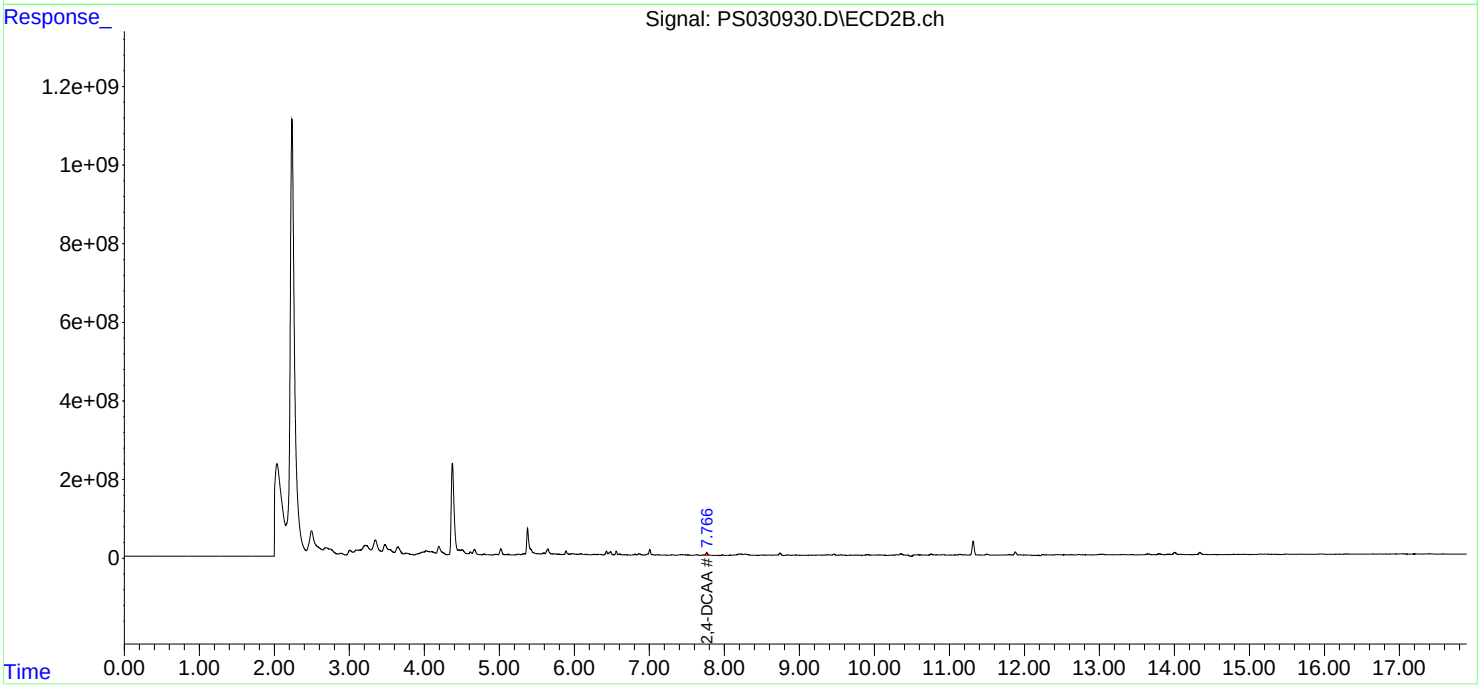
Manual Integrations APPROVED

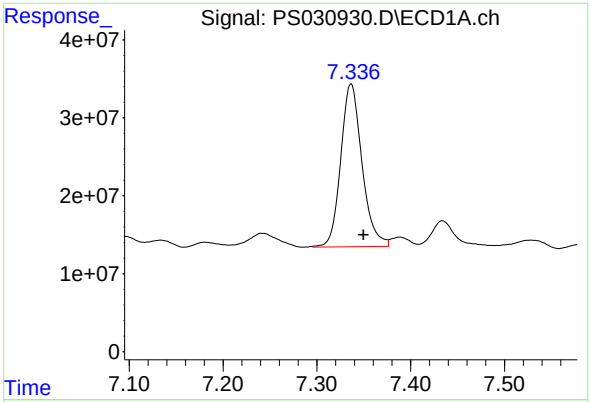
Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:52:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







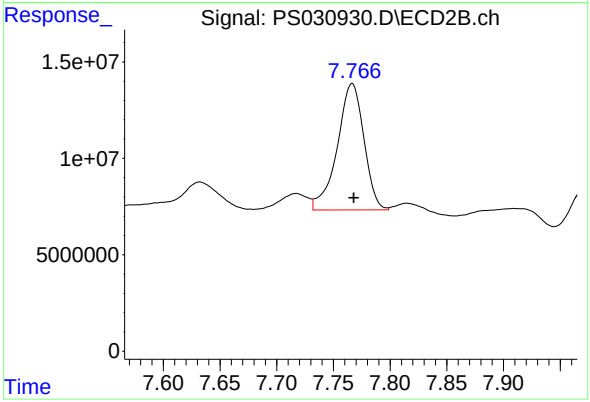
#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 329344636
Conc: 89.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PIT#3

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 107226884
Conc: 100.03 ng/ml m

Raw Data: **PS030933.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#4	SDG No.:	Q2473
Lab Sample ID:	Q2473-04	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	90.7 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030933.D	1	07/02/25 11:30	07/07/25 22:00	PB168706

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.50	U	8.50	73.6	ug/Kg
120-36-5	DICHLORPROP	14.1	U	14.1	73.6	ug/Kg
94-75-7	2,4-D	9.90	U	9.90	73.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.0	U	10.0	73.6	ug/Kg
93-76-5	2,4,5-T	9.60	U	9.60	73.6	ug/Kg
94-82-6	2,4-DB	26.6	U	26.6	73.6	ug/Kg
88-85-7	DINOSEB	11.9	U	11.9	73.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	271		10 - 141	54%	SPK: 500

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_S\Data\PS070725\
Data File : PS030933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:00
Operator : AR\AJ
Sample : Q2473-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PIT#4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:53:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.336	7.765	986.9E6	290.0E6	268.593	270.506
	Target Compounds						

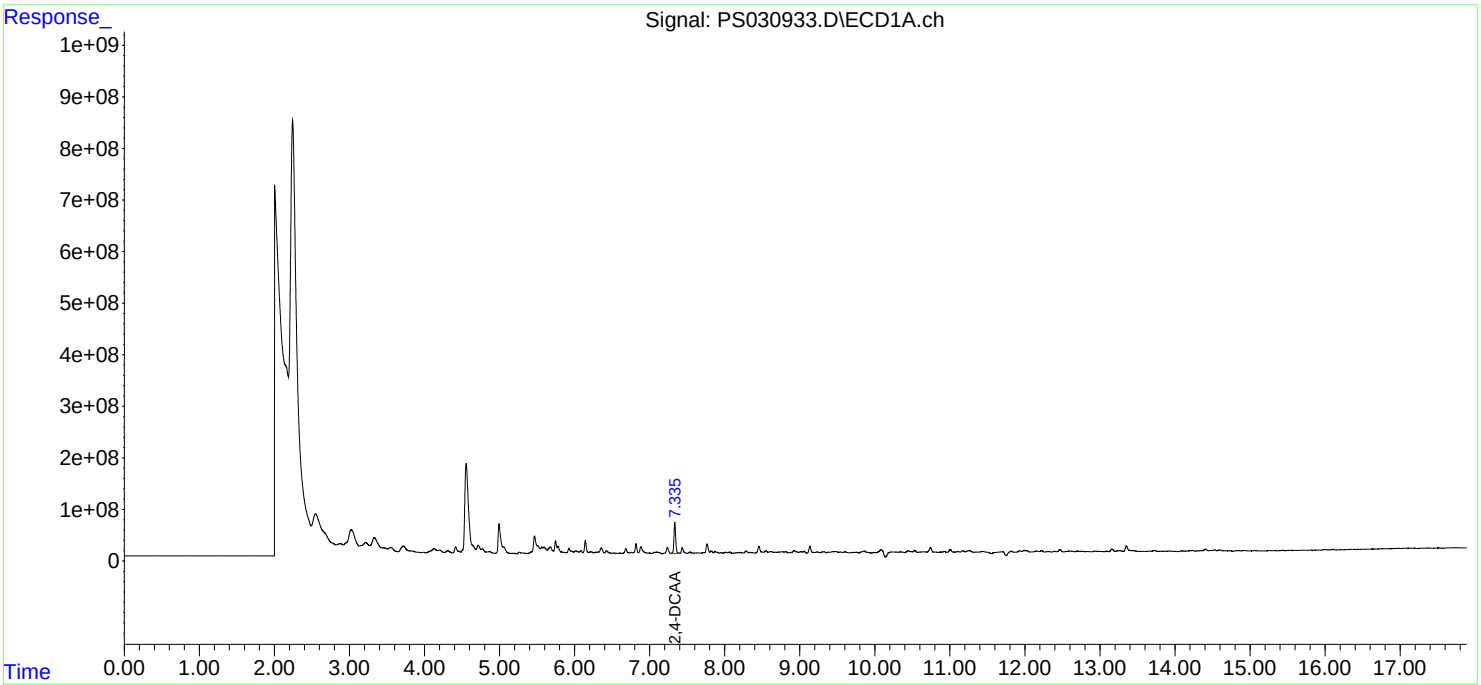
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

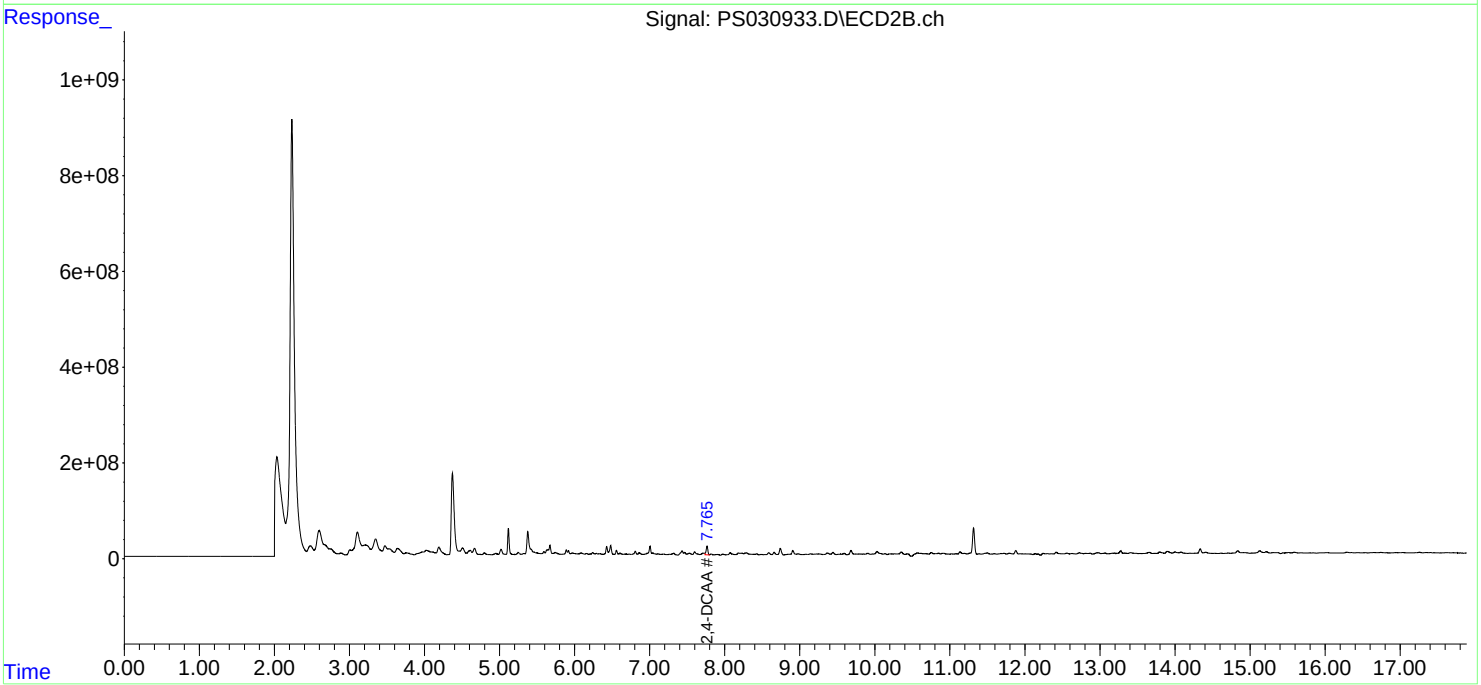
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:00
Operator : AR\AJ
Sample : Q2473-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

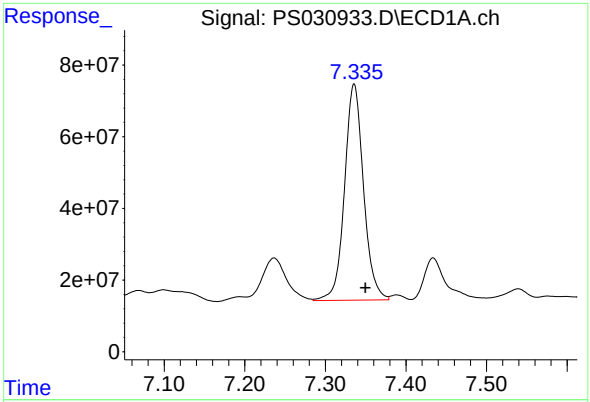
Instrument :
ECD_S
ClientSampleId :
PIT#4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:53:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



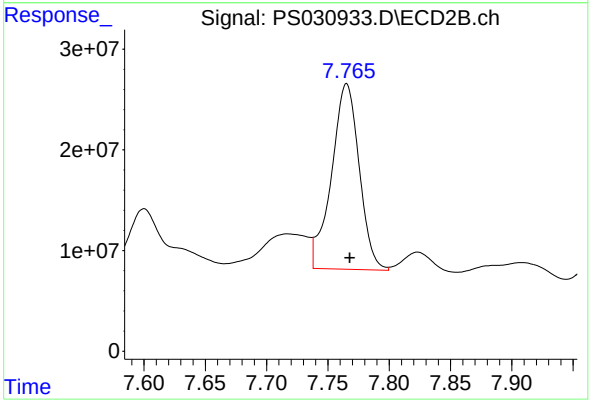




#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.014 min
Response: 986916420
Conc: 268.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PIT#4



#4 2,4-DCAA

R.T.: 7.765 min
Delta R.T.: -0.003 min
Response: 289972914
Conc: 270.51 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: JPCL01
SDG NO.: Q2473
Calibration Date(s): 06/18/2025 06/18/2025
Calibration Times: 11:25 13:29

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS030739.D RT 500 = PS030740.D
RT 750 = PS030741.D RT 1000 = PS030742.D RT 1500 = PS030743.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.67	9.67	9.67	9.67	9.67	9.67	9.57	9.77
2,4,5-TP(Silvex)	9.38	9.38	9.38	9.38	9.38	9.38	9.28	9.48
2,4-D	8.49	8.49	8.49	8.49	8.49	8.49	8.39	8.59
2,4-DB	10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
2,4-DCAA	7.35	7.35	7.35	7.35	7.35	7.35	7.25	7.45
DICAMBA	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
DICHLORPROP	8.25	8.25	8.25	8.25	8.25	8.25	8.15	8.35
Dinoseb	11.47	11.47	11.47	11.47	11.47	11.47	11.37	11.57

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: JPCL01
SDG NO.: Q2473
Calibration Date(s): 06/18/2025 06/18/2025
Calibration Times: 11:25 13:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS030739.D RT 500 = PS030740.D
RT 750 = PS030741.D RT 1000 = PS030742.D RT 1500 = PS030743.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.36	10.36	10.36	10.36	10.36	10.36	10.26	10.46
2,4,5-TP(Silvex)	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
2,4-D	9.03	9.03	9.03	9.03	9.03	9.03	8.93	9.13
2,4-DB	10.93	10.93	10.93	10.93	10.93	10.93	10.83	11.03
2,4-DCAA	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
DICAMBA	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
DICHLORPROP	8.69	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Dinoseb	11.31	11.31	11.31	11.31	11.31	11.31	11.21	11.41

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: JPCL01
SDG NO.: Q2473
Calibration Date(s): 06/18/2025 06/18/2025
Calibration Times: 11:25 13:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS030739.D **CF 500 =** PS030740.D
CF 750 = PS030741.D **CF 1000 =** PS030742.D **CF 1500 =** PS030743.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	17256700000	16680000000	16830000000	16187900000	15311000000	16453200000	5
2,4,5-TP(Silvex)	22282500000	20395400000	19977900000	18863900000	18632300000	20030400000	7
2,4-D	3868070000	3398090000	3305570000	3150720000	3499600000	3444410000	8
2,4-DB	2481600000	2363020000	2407410000	2376040000	1839440000	2293500000	11
2,4-DCAA	4451200000	3788090000	3593380000	3449860000	3089450000	3674390000	14
DICAMBA	17792700000	15914300000	15443300000	14605900000	12319200000	15215100000	13
DICHLORPROP	4637630000	3720970000	3496760000	3281660000	3591790000	3745760000	14
Dinoseb	15211800000	14001800000	13914000000	13244000000	12994300000	13873200000	6

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: JPCL01
SDG NO.: Q2473
Calibration Date(s): 06/18/2025 06/18/2025
Calibration Times: 11:25 13:29

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS030739.D CF 500 = PS030740.D
CF 750 = PS030741.D CF 1000 = PS030742.D CF 1500 = PS030743.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	15648900000	14018900000	13695900000	12933300000	12026100000	13664600000	10
2,4,5-TP(Silvex)	16493700000	14706300000	14316500000	13463300000	13163600000	14428700000	9
2,4-D	1965540000	1671750000	1622570000	1523690000	1713470000	1699410000	10
2,4-DB	1373320000	1199380000	1163600000	1108750000	1069470000	1182900000	10
2,4-DCAA	1283250000	1084080000	1050700000	993038000	948747000	1071960000	12
DICAMBA	7304970000	6653080000	6566460000	6277600000	5963960000	6553210000	8
DICHLORPROP	1855180000	1562920000	1498450000	1412800000	1533120000	1572500000	11
Dinoseb	12099400000	10862400000	10728600000	10218500000	9997410000	10781200000	8

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 11:25
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:36:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:31:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.350	7.769	890.2E6	256.7E6	238.920	237.129
		Target Compounds						
1)	T	Dalapon	2.708	2.710	1216.6E6	586.5E6	209.922m	209.695
2)	T	3,5-DICHL...	6.508	6.716	1200.4E6	355.0E6	220.928	217.928
3)	T	4-Nitroph...	7.150	7.302	330.2E6	350.3E6	207.247	199.990
5)	T	DICAMBA	7.540	7.972	3345.0E6	1373.3E6	213.508	207.020
6)	T	MCPP	7.718	8.067	159.0E6	35228767	16.559	16.286
7)	T	MCPA	7.868	8.315	212.7E6	56624493	17.882	17.775
8)	T	DICHLORPROP	8.254	8.691	871.9E6	348.8E6	236.185	225.527
9)	T	2,4-D	8.487	9.027	727.2E6	369.5E6	214.344	221.836
10)	T	Pentachlo...	8.794	9.551	12128.2E6	8330.8E6	234.117	217.854
11)	T	2,4,5-TP ...	9.375	9.933	4233.7E6	3133.8E6	210.774	216.695
12)	T	2,4,5-T	9.670	10.359	3278.8E6	2973.3E6	196.020	214.899
13)	T	2,4-DB	10.249	10.927	471.5E6	260.9E6	193.094	218.864
14)	T	DINOSEB	11.468	11.312	2859.8E6	2274.7E6	204.681	209.757
15)	T	Picloram	11.278	12.421	3022.6E6	4586.9E6	185.564	196.104
16)	T	DCPA	11.763	12.355	5510.6E6	4823.7E6	213.250	217.126

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

ICAL Form

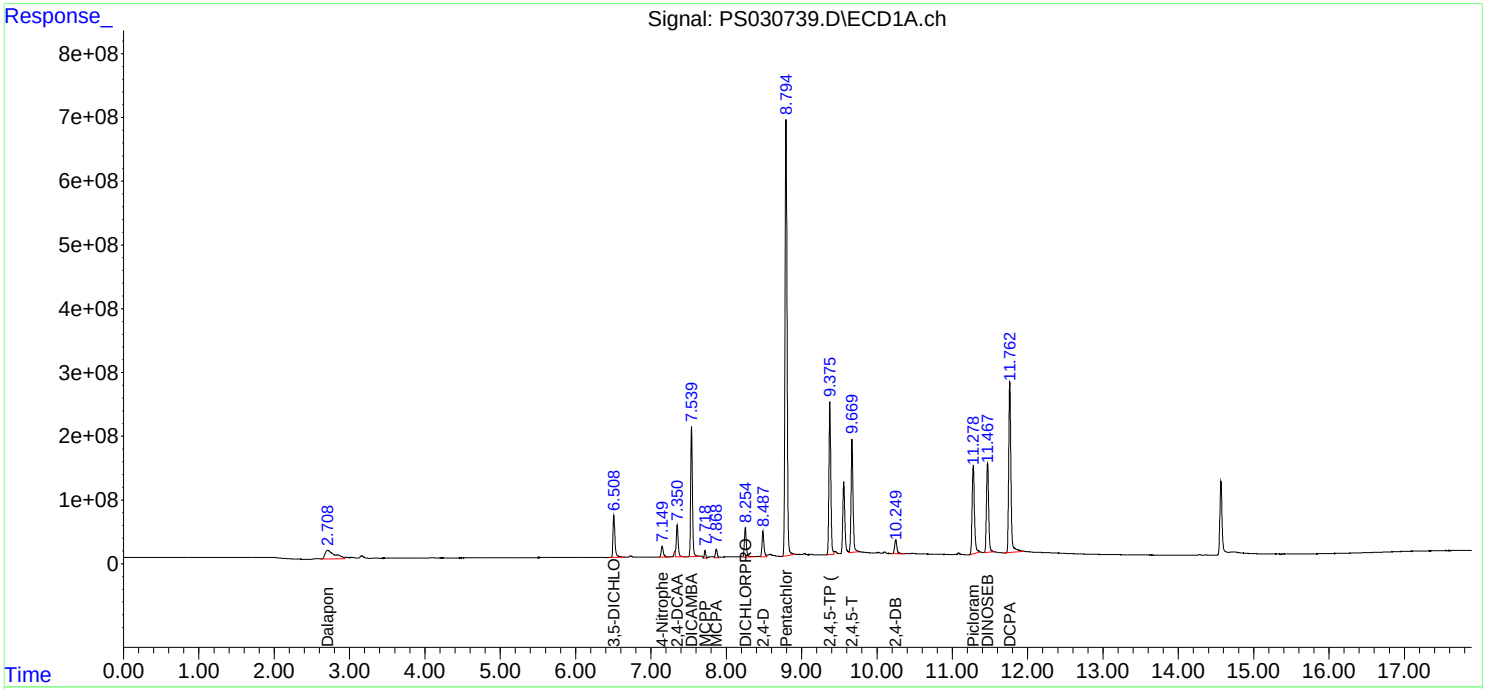
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 11:25
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

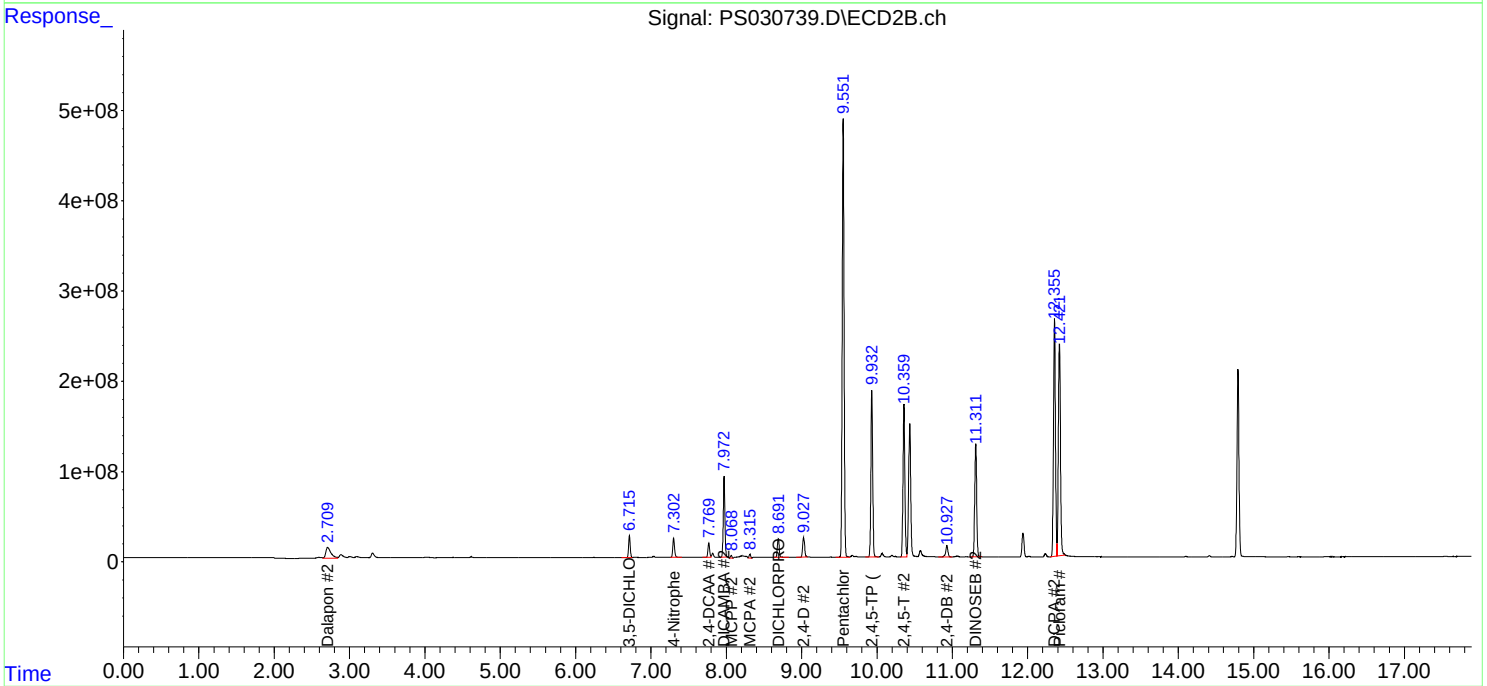
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:36:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:31:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 11:49
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:34:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:31:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.349	7.769	1894.0E6	542.0E6	534.313	525.189
		Target Compounds						
1)	T	Dalapon	2.708	2.709	2862.2E6	1279.7E6	484.339	475.652
2)	T	3,5-DICHL...	6.508	6.715	2569.3E6	760.8E6	496.180	488.050
3)	T	4-Nitroph...	7.149	7.302	729.5E6	790.6E6	474.299	462.739
5)	T	DICAMBA	7.540	7.972	7479.7E6	3126.9E6	494.182	483.595
6)	T	MCPP	7.720	8.069	436.8E6	102.3E6	44.172	45.746
7)	T	MCPA	7.870	8.318	540.3E6	147.9E6	45.001	45.908
8)	T	DICHLORPROP	8.254	8.692	1748.9E6	734.6E6	506.186	499.946
9)	T	2,4-D	8.487	9.027	1597.1E6	785.7E6	487.842	493.919
10)	T	Pentachlo...	8.795	9.552	26722.4E6	18957.2E6	547.623	514.600
11)	T	2,4,5-TP ...	9.376	9.933	9687.8E6	6985.5E6	495.865	500.612
12)	T	2,4,5-T	9.670	10.359	7923.0E6	6659.0E6	477.455	497.589
13)	T	2,4-DB	10.247	10.927	1122.4E6	569.7E6	461.548	496.724
14)	T	DINOSEB	11.468	11.312	6580.8E6	5105.3E6	481.683	484.806
15)	T	Picloram	11.277	12.420	7497.3E6	11149.1E6	457.602	480.512
16)	T	DCPA	11.762	12.356	12752.8E6	10935.3E6	507.557	508.871

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

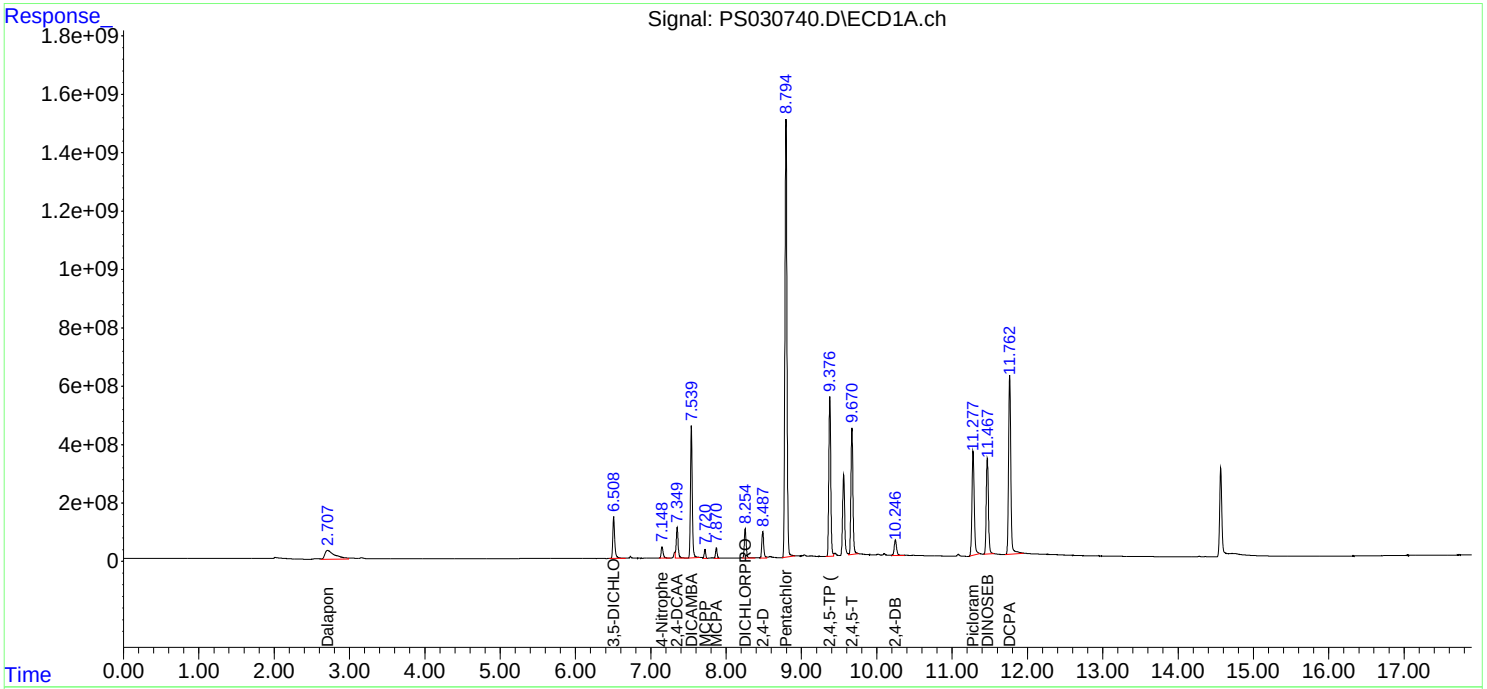
ICAL Form

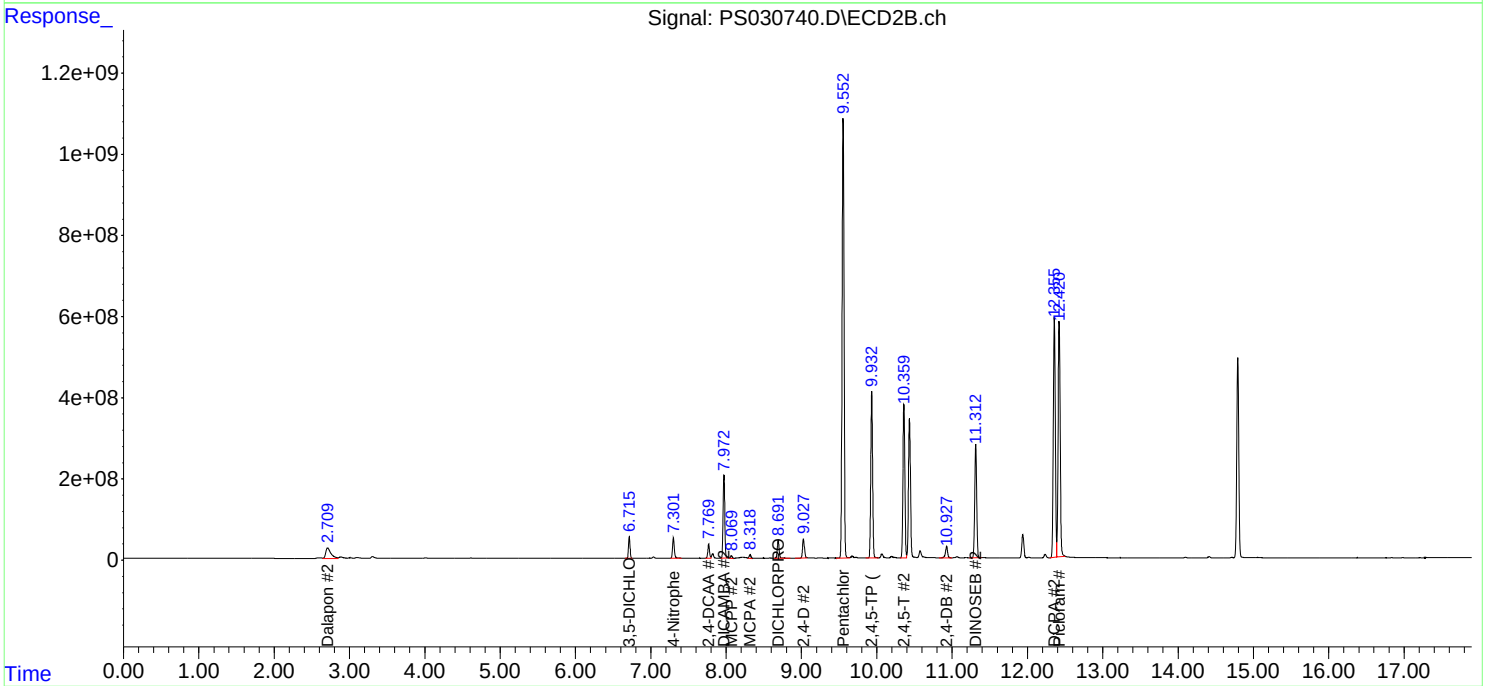
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 11:49
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:34:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:31:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 12:13
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:28:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:26:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.349	7.770	2695.0E6	788.0E6	735.040m	750.000
		Target Compounds						
1)	T	Dalapon	2.711	2.709	4110.7E6	1860.0E6	682.500	682.500
2)	T	3,5-DICHL...	6.508	6.715	3694.2E6	1104.7E6	697.500	697.500
3)	T	4-Nitroph...	7.148	7.301	1058.7E6	1177.8E6	682.500	682.500
5)	T	DICAMBA	7.539	7.972	10887.5E6	4629.4E6	705.000	705.000
6)	T	MCPP	7.721	8.071	692.7E6	159.8E6	70.500	70.500
7)	T	MCPA	7.872	8.321	834.2E6	225.9E6	69.750	69.750
8)	T	DICHLORPROP	8.253	8.691	2465.2E6	1056.4E6	705.000	705.000
9)	T	2,4-D	8.486	9.027	2330.4E6	1143.9E6	705.000	705.000
10)	T	Pentachlo...	8.793	9.552	38633.6E6	27600.8E6	712.500	712.500
11)	T	2,4,5-TP ...	9.375	9.933	14234.3E6	10200.5E6	712.500	712.500
12)	T	2,4,5-T	9.668	10.359	11991.4E6	9758.3E6	712.500	712.500
13)	T	2,4-DB	10.247	10.927	1715.3E6	829.1E6	712.500	712.500
14)	T	DINOSEB	11.466	11.311	9809.4E6	7563.6E6	705.000	705.000
15)	T	Picloram	11.275	12.421	11657.4E6	16873.3E6	712.500	712.500
16)	T	DCPA	11.762	12.356	18560.8E6	15913.5E6	720.000	720.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 12:13
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

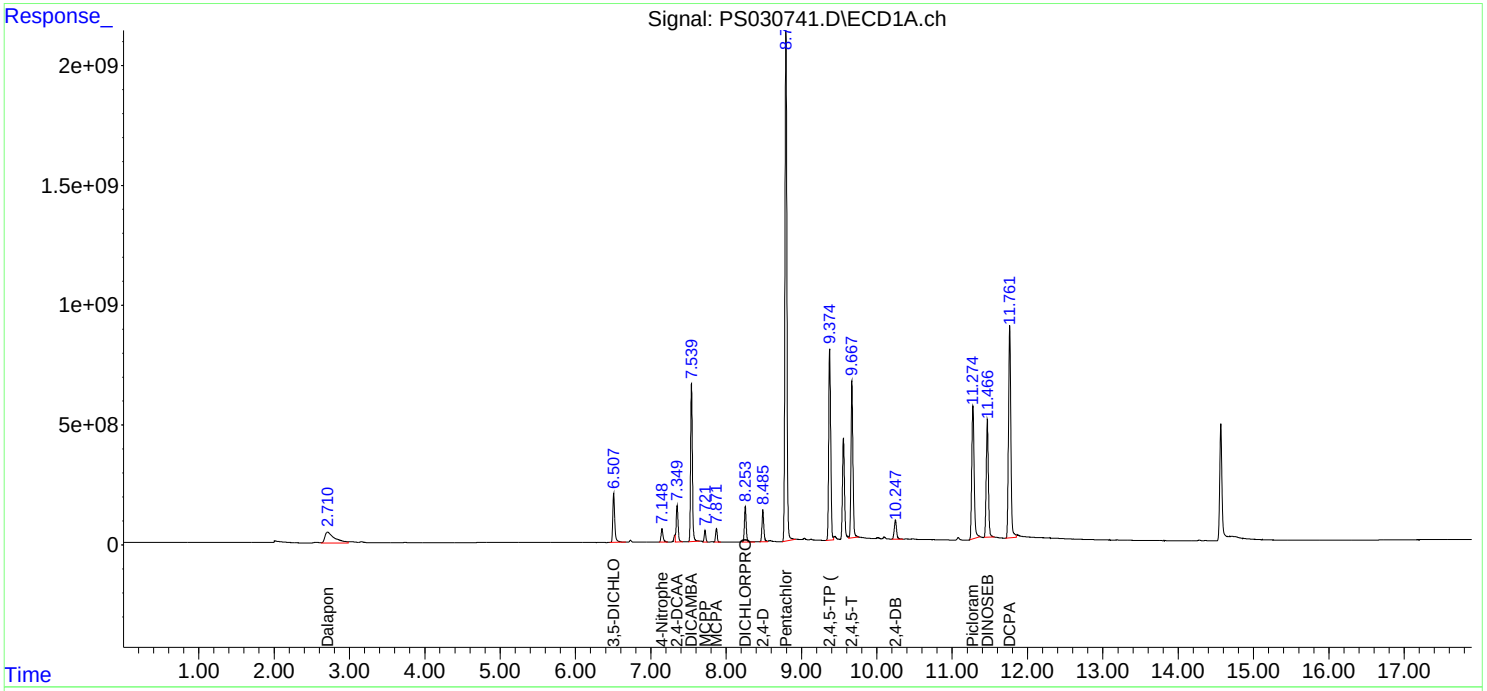
Instrument :
ECD_S
ClientSampleId :
HSTDICC750

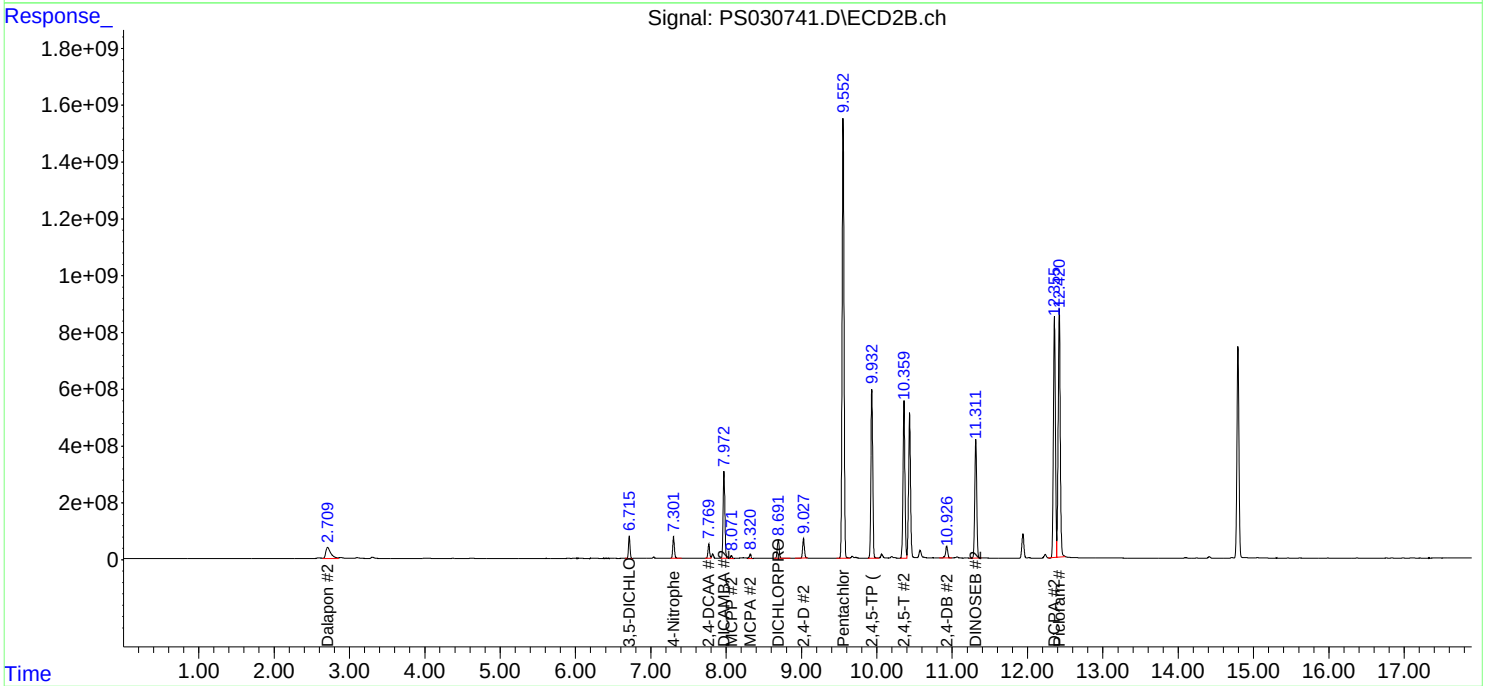
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:28:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:26:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030742.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 12:37
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:31:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.349	7.770	3449.9E6	993.0E6	1007.482m	978.598
		Target Compounds						
1)	T	Dalapon	2.711	2.710	5150.3E6	2361.2E6	890.676	891.083
2)	T	3,5-DICHL...	6.508	6.716	4617.8E6	1397.4E6	912.175	911.477
3)	T	4-Nitroph...	7.149	7.302	1346.0E6	1506.7E6	887.706	886.926
5)	T	DICAMBA	7.540	7.973	13729.6E6	5900.9E6	922.935	921.488
6)	T	MCPP	7.723	8.073	915.4E6	207.0E6	90.761	91.801
7)	T	MCPA	7.873	8.323	1089.6E6	295.3E6	89.789	91.284
8)	T	DICHLORPROP	8.254	8.692	3084.8E6	1328.0E6	916.366	923.462
9)	T	2,4-D	8.486	9.027	2961.7E6	1432.3E6	916.252	915.890
10)	T	Pentachlo...	8.799	9.553	44933.5E6	34544.9E6	970.273	964.535
11)	T	2,4,5-TP ...	9.375	9.933	17920.7E6	12790.2E6	930.890	933.380
12)	T	2,4,5-T	9.669	10.359	15378.5E6	12286.7E6	928.339	932.902
13)	T	2,4-DB	10.248	10.927	2257.2E6	1053.3E6	919.502	932.595
14)	T	DINOSEB	11.468	11.313	12449.4E6	9605.3E6	918.844	921.811
15)	T	Picloram	11.275	12.421	15192.8E6	21456.6E6	916.121	928.345
16)	T	DCPA	11.763	12.357	23325.9E6	19939.4E6	946.473	946.862

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030742.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 12:37
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

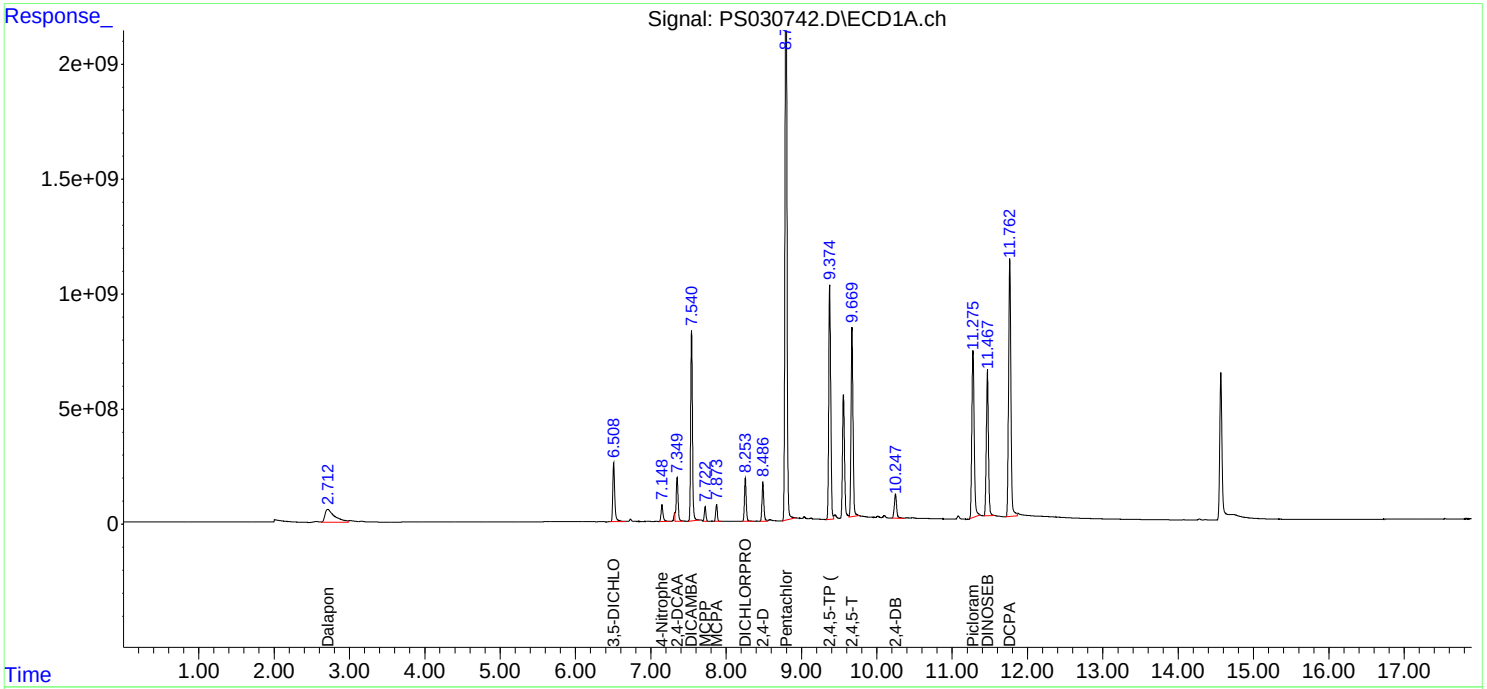
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

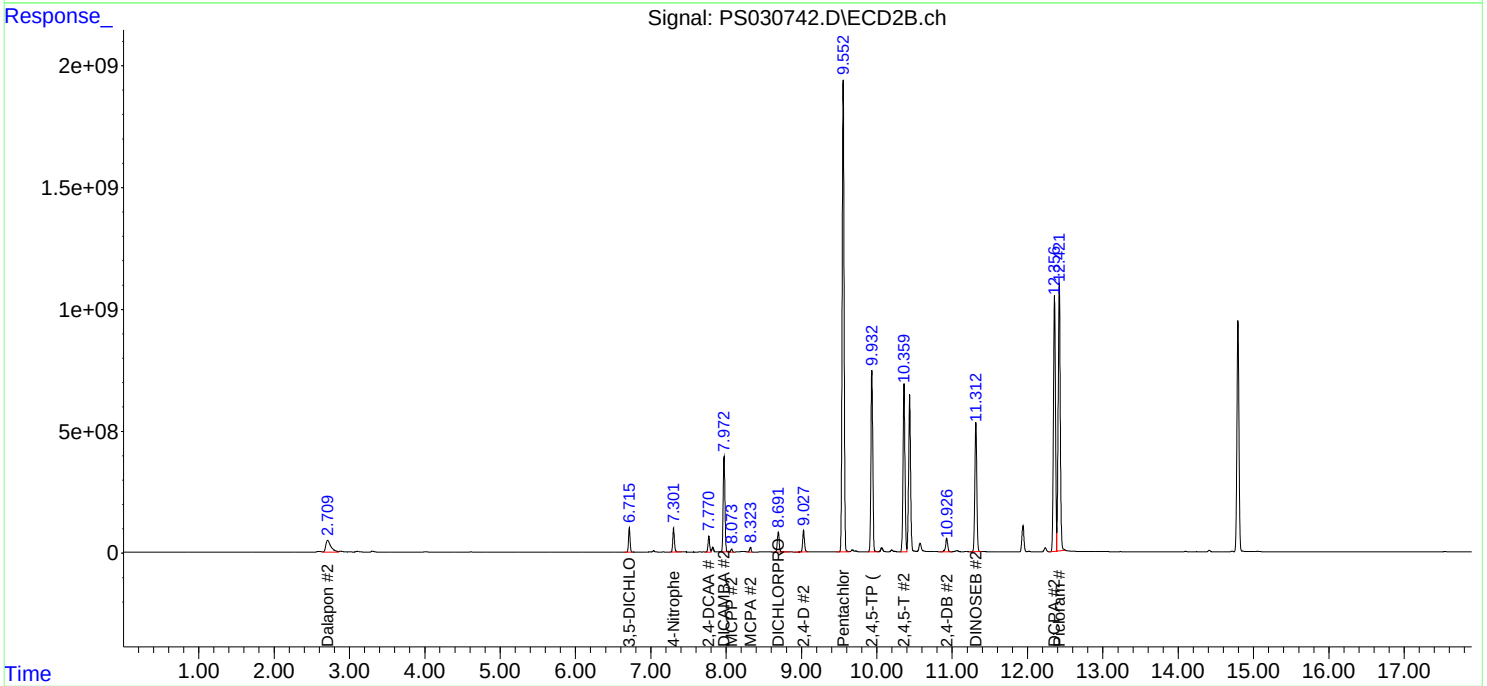
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:31:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 13:29
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:51:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.349	7.768	4634.2E6	1423.1E6	1255.782m	1327.583
		Target Compounds						
1)	T	Dalapon	2.708	2.707	7057.1E6	3212.8E6	1238.824	1171.806
2)	T	3,5-DICHL...	6.509	6.713	6482.8E6	2001.5E6	1205.529	1240.719
3)	T	4-Nitroph...	7.149	7.299	1960.3E6	2216.2E6	1243.237	1278.444
5)	T	DICAMBA	7.540	7.971	17370.1E6	8409.2E6	1141.638	1283.215
6)	T	MCPP	7.727	8.076	1357.6E6	277.5E6	144.610	132.298
7)	T	MCPA	7.878	8.325	1663.5E6	431.1E6	141.809	137.032
8)	T	DICHLORPROP	8.254	8.690	5064.4E6	2161.7E6	1352.041	1374.694
9)	T	2,4-D	8.487	9.026	4934.4E6	2416.0E6	1432.593	1421.668
10)	T	Pentachlo...	8.783	9.553	61297.3E6	45248.4E6	1166.760m	1186.933
11)	T	2,4,5-TP ...	9.377	9.932	26551.1E6	18758.2E6	1325.538	1300.061
12)	T	2,4,5-T	9.670	10.358	21818.2E6	17137.2E6	1326.082	1254.129
13)	T	2,4-DB	10.250	10.925	2621.2E6	1524.0E6	1142.883	1288.354
14)	T	DINOSEB	11.468	11.311	18321.9E6	14096.3E6	1320.671	1307.487
15)	T	Picloram	11.276	12.419	23276.8E6	31814.5E6	1447.914	1368.873
16)	T	DCPA	11.765	12.356	32738.8E6	27988.3E6	1278.048	1269.724

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 13:29
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

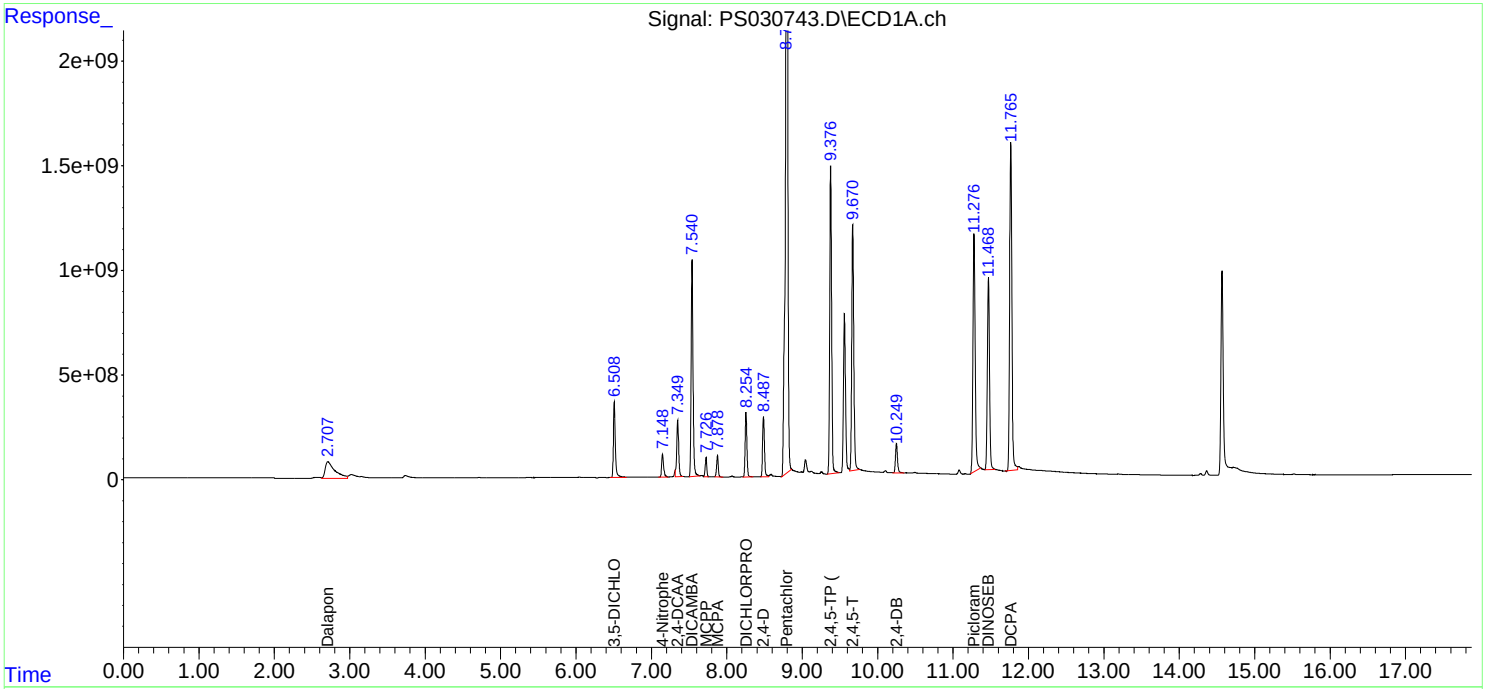
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

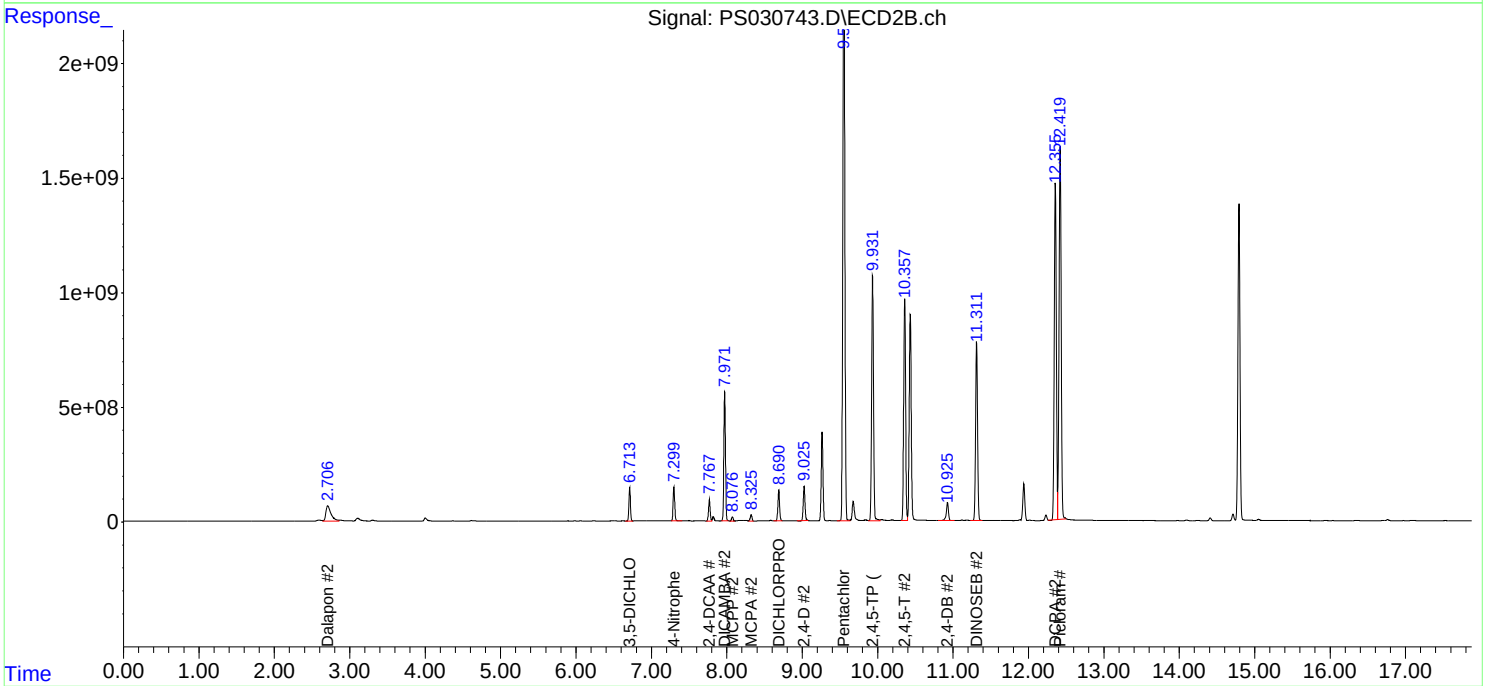
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 13:51:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Wed Jun 18 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 14:18
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ICVPS061825

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 05:14:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.348	7.770	2655.3E6	781.4E6	722.658m	728.902
		Target Compounds						
1)	T	Dalapon	2.710	2.710	4056.7E6	1841.2E6	680.013	671.536
2)	T	3,5-DICHL...	6.508	6.715	3653.0E6	1096.7E6	679.304	679.863
3)	T	4-Nitroph...	7.149	7.302	1067.2E6	1168.5E6	676.796	674.057
5)	T	DICAMBA	7.539	7.972	10807.3E6	4588.7E6	710.304	700.216
6)	T	MCPP	7.721	8.072	688.5E6	156.4E6	73.332	74.580
7)	T	MCPA	7.871	8.321	828.7E6	223.9E6	70.648	71.187
8)	T	DICHLORPROP	8.253	8.691	2460.1E6	1042.7E6	656.766	663.094
9)	T	2,4-D	8.486	9.027	2352.8E6	1124.1E6	683.086	661.445
10)	T	Pentachlo...	8.794	9.552	38388.3E6	27302.7E6	725.329	716.192
11)	T	2,4,5-TP ...	9.375	9.934	14291.4E6	10089.0E6	713.485	699.233
12)	T	2,4,5-T	9.669	10.359	12186.1E6	9656.1E6	740.654	706.651
13)	T	2,4-DB	10.248	10.927	1788.9E6	824.5E6	779.995	697.026
14)	T	DINOSEB	11.467	11.312	9884.9E6	7472.6E6	712.518	693.112
15)	T	Picloram	11.276	12.421	11908.4E6	16569.9E6	740.750	712.948
16)	T	DCPA	11.763	12.357	18641.3E6	15691.5E6	727.713	711.865

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 14:18
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

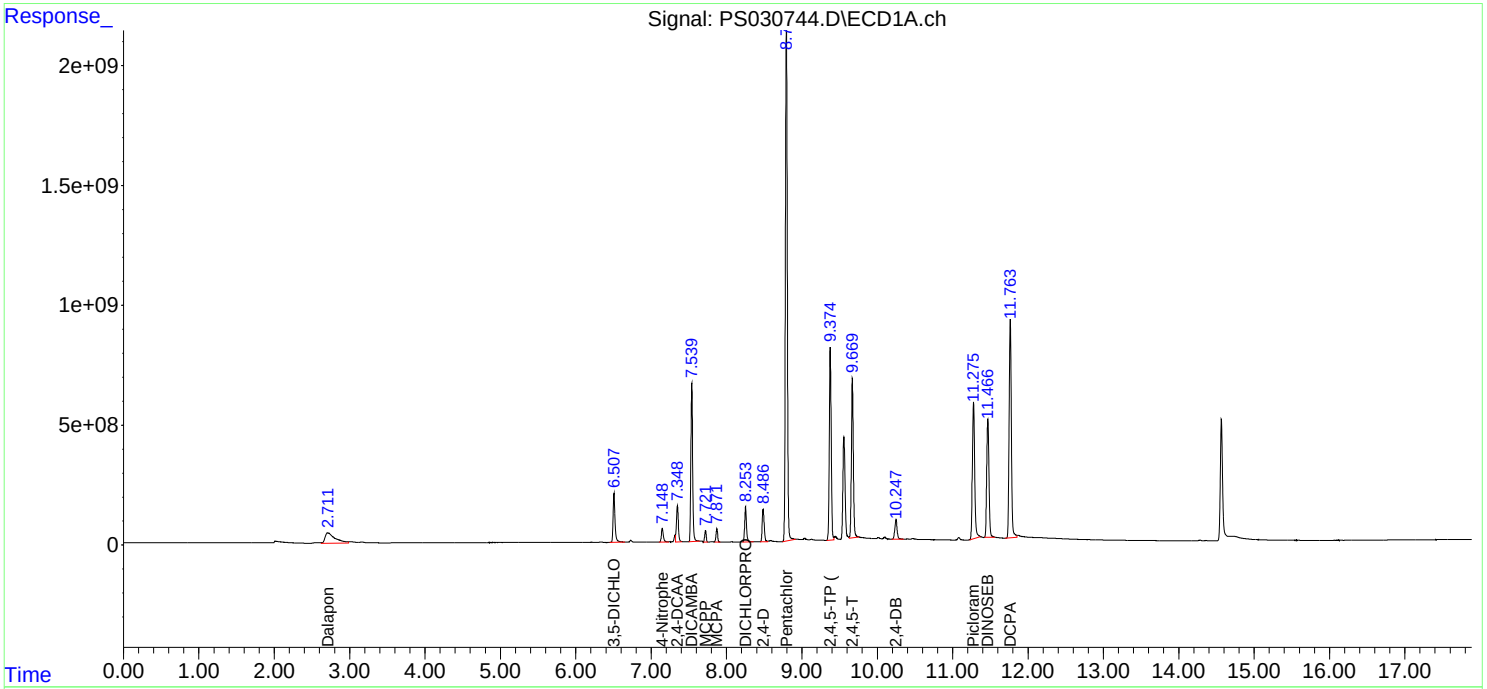
Instrument :
ECD_S
ClientSampleId :
ICVPS061825

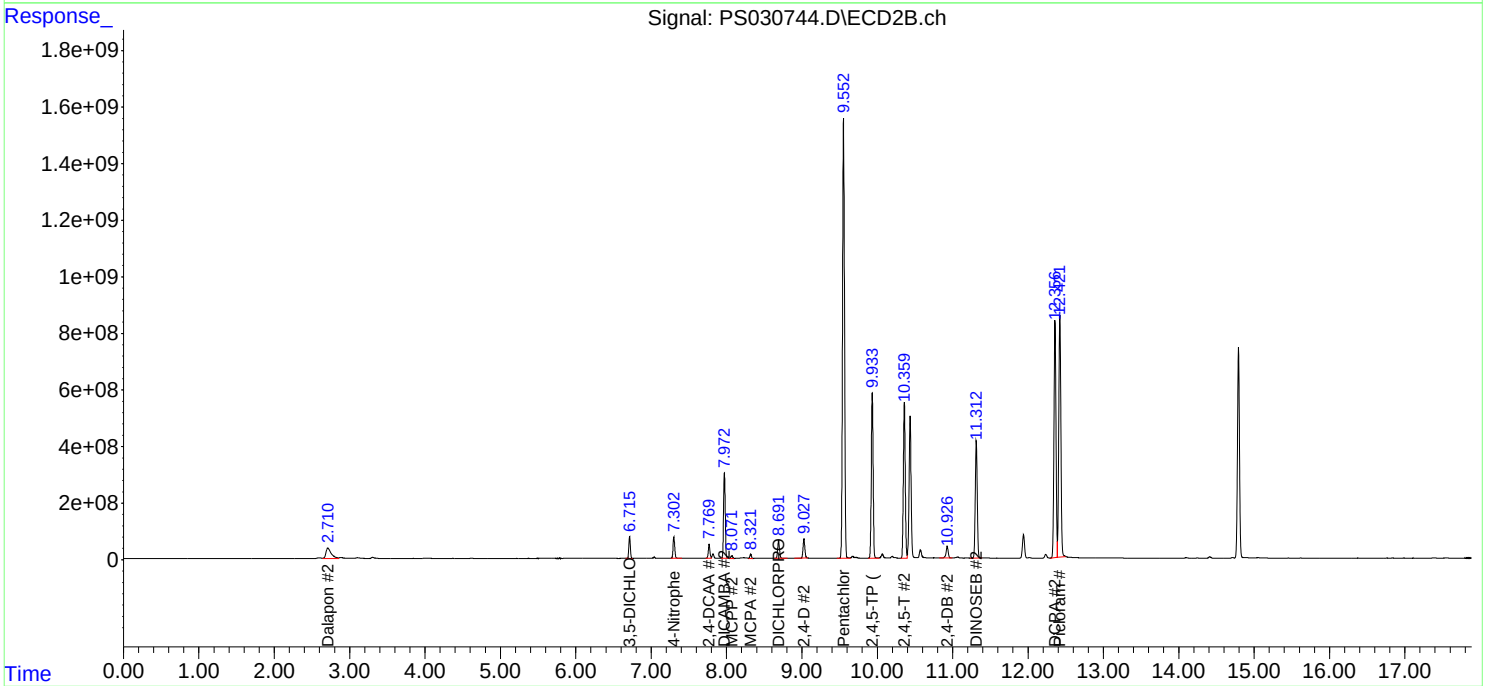
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 05:14:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030917.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/07/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 10:01 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.45	11.47	11.37	11.57	0.02

Raw Data: **PS030917.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/07/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 10:01 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.35	10.36	10.26	10.46	0.01
2,4-DB	10.92	10.93	10.83	11.03	0.01
Dinoseb	11.31	11.31	11.21	11.41	0.00

Raw Data: **PS030917.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/07/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030917.D **Time Analyzed:** 10:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.652	9.568	9.768	748.000	712.500	5.0
2,4,5-TP(Silvex)	9.358	9.275	9.475	696.660	712.500	-2.2
2,4-D	8.472	8.386	8.586	674.060	705.000	-4.4
2,4-DB	10.229	10.147	10.347	737.940	712.500	3.6
2,4-DCAA	7.337	7.249	7.449	690.210	750.000	-8.0
DICAMBA	7.526	7.439	7.639	672.540	705.000	-4.6
DICHLORPROP	8.240	8.153	8.353	630.010	705.000	-10.6
Dinoseb	11.446	11.366	11.566	693.780	705.000	-1.6

Raw Data: **PS030917.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/07/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030917.D **Time Analyzed:** 10:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.354	10.259	10.459	711.460	712.500	-0.1
2,4,5-TP(Silvex)	9.929	9.833	10.033	701.470	712.500	-1.5
2,4-D	9.024	8.927	9.127	668.430	705.000	-5.2
2,4-DB	10.922	10.827	11.027	689.590	712.500	-3.2
2,4-DCAA	7.767	7.670	7.870	717.630	750.000	-4.3
DICAMBA	7.969	7.872	8.072	695.230	705.000	-1.4
DICHLORPROP	8.688	8.591	8.791	656.420	705.000	-6.9
Dinoseb	11.307	11.211	11.411	670.630	705.000	-4.9

Sample Results: **PS030917.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:49:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.337	7.767	2536.1E6	769.3E6	690.209m	717.631
		Target Compounds						
1)	T	Dalapon	2.703	2.711	3722.8E6	1812.0E6	624.037	660.882
2)	T	3,5-DICHL...	6.498	6.713	3470.7E6	1073.9E6	645.398	665.698
3)	T	4-Nitroph...	7.137	7.299	1042.7E6	1122.0E6	661.276	647.209
5)	T	DICAMBA	7.526	7.969	10232.7E6	4556.0E6	672.535m	695.227
6)	T	MCPP	7.708	8.068	684.4E6	158.6E6	72.897m	75.629
7)	T	MCPA	7.859	8.317	810.6E6	229.2E6	69.098	72.846
8)	T	DICHLORPROP	8.240	8.688	2359.9E6	1032.2E6	630.006	656.422
9)	T	2,4-D	8.472	9.024	2321.7E6	1135.9E6	674.058	668.434
10)	T	Pentachlo...	8.779	9.548	36422.6E6	27446.8E6	688.186	719.972
11)	T	2,4,5-TP ...	9.358	9.929	13954.3E6	10121.3E6	696.657	701.472
12)	T	2,4,5-T	9.652	10.354	12306.9E6	9721.8E6	747.999	711.457
13)	T	2,4-DB	10.229	10.922	1692.5E6	815.7E6	737.937m	689.591
14)	T	DINOSEB	11.446	11.307	9625.0E6	7230.2E6	693.784m	670.628
15)	T	Picloram	11.257	12.416	12022.8E6	16950.6E6	747.866m	729.329
16)	T	DCPA	11.742	12.350	18415.9E6	15852.2E6	718.915	719.155m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

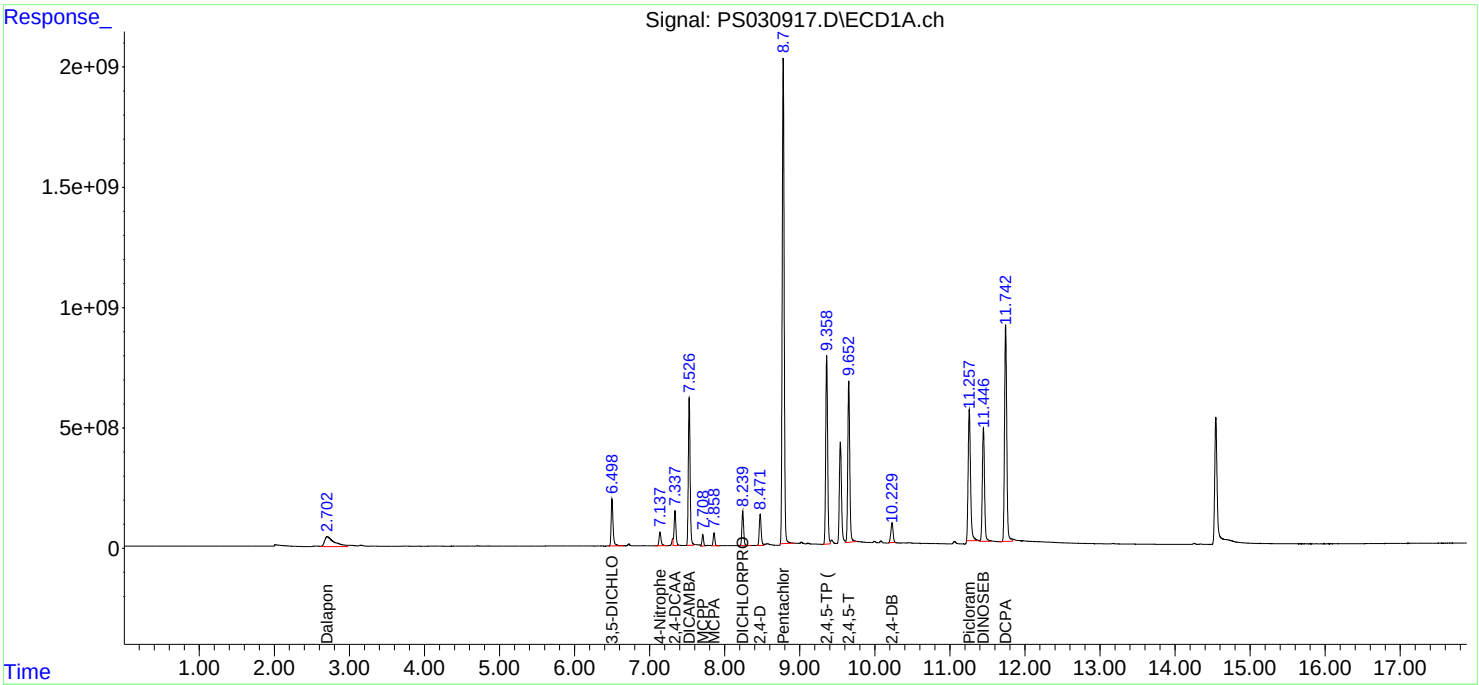
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

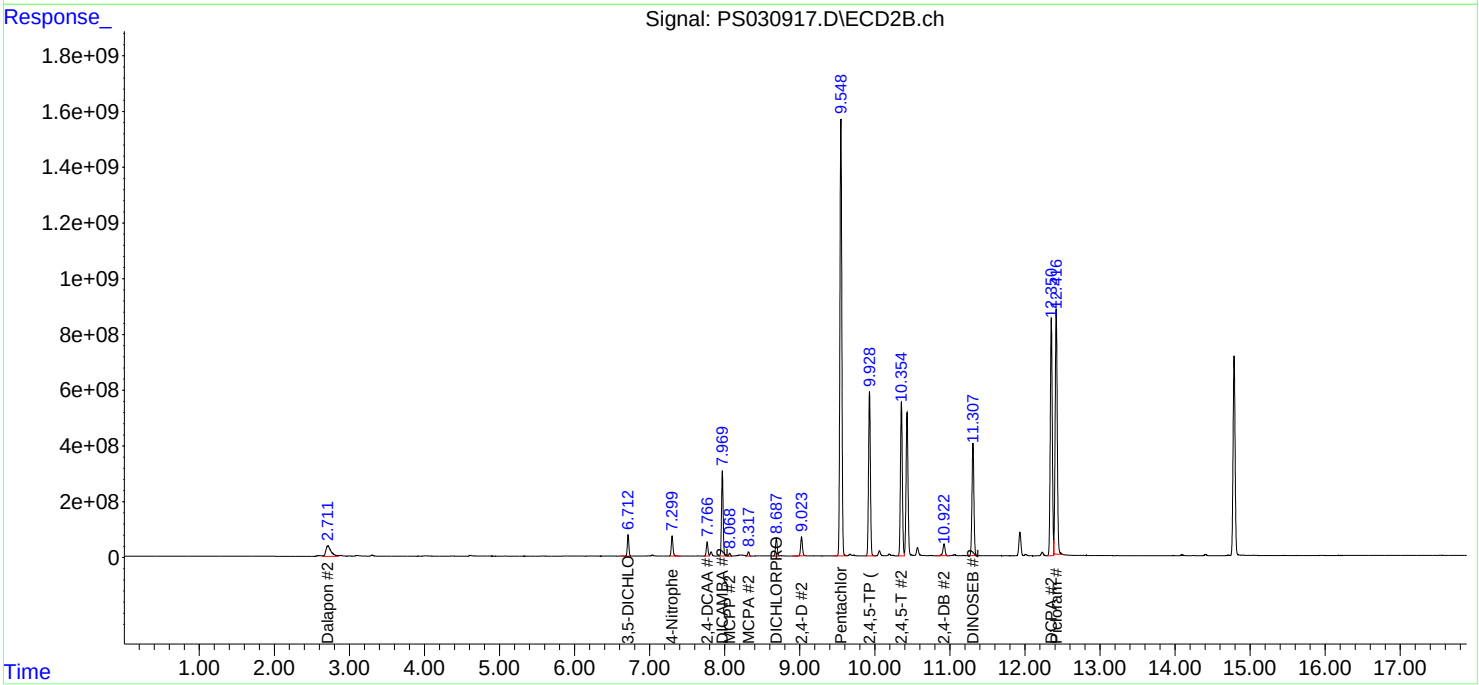
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:49:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030928.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/07/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 19:11 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.44	11.47	11.37	11.57	0.03

Raw Data: **PS030928.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/07/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 19:11 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.35	10.36	10.26	10.46	0.01
2,4-DB	10.92	10.93	10.83	11.03	0.01
Dinoseb	11.31	11.31	11.21	11.41	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/07/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030928.D **Time Analyzed:** 19:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.651	9.568	9.768	748.840	712.500	5.1
2,4,5-TP(Silvex)	9.357	9.275	9.475	704.070	712.500	-1.2
2,4-D	8.471	8.386	8.586	678.950	705.000	-3.7
2,4-DB	10.228	10.147	10.347	805.880	712.500	13.1
2,4-DCAA	7.336	7.249	7.449	705.080	750.000	-6.0
DICAMBA	7.526	7.439	7.639	681.450	705.000	-3.3
DICHLORPROP	8.239	8.153	8.353	640.190	705.000	-9.2
Dinoseb	11.444	11.366	11.566	689.280	705.000	-2.2

Raw Data: **PS030928.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/07/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030928.D **Time Analyzed:** 19:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.354	10.259	10.459	685.380	712.500	-3.8
2,4,5-TP(Silvex)	9.928	9.833	10.033	679.920	712.500	-4.6
2,4-D	9.023	8.927	9.127	639.930	705.000	-9.2
2,4-DB	10.921	10.827	11.027	670.940	712.500	-5.8
2,4-DCAA	7.766	7.670	7.870	691.990	750.000	-7.7
DICAMBA	7.968	7.872	8.072	671.890	705.000	-4.7
DICHLORPROP	8.687	8.591	8.791	637.410	705.000	-9.6
Dinoseb	11.306	11.211	11.411	648.840	705.000	-8.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 19:11
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:51:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.336	7.766	2590.8E6	741.8E6	705.084m	691.986
		Target Compounds						
1)	T	Dalapon	2.705	2.713	3747.4E6	1742.5E6	628.159	635.542
2)	T	3,5-DICHL...	6.498	6.713	3554.0E6	1032.9E6	660.896	640.281
3)	T	4-Nitroph...	7.136	7.299	1041.0E6	1087.3E6	660.221	627.227
5)	T	DICAMBA	7.526	7.968	10368.4E6	4403.0E6	681.453m	671.888
6)	T	MCPP	7.706	8.067	679.7E6	150.0E6	72.403m	71.503
7)	T	MCPA	7.857	8.316	804.2E6	211.4E6	68.557	67.213
8)	T	DICHLORPROP	8.239	8.687	2398.0E6	1002.3E6	640.191	637.408
9)	T	2,4-D	8.471	9.023	2338.6E6	1087.5E6	678.945	639.932
10)	T	Pentachlo...	8.778	9.547	36933.9E6	26410.8E6	697.848	692.795
11)	T	2,4,5-TP ...	9.357	9.928	14102.9E6	9810.4E6	704.074	679.923
12)	T	2,4,5-T	9.651	10.354	12320.8E6	9365.4E6	748.840	685.379
13)	T	2,4-DB	10.228	10.921	1848.3E6	793.7E6	805.877	670.938
14)	T	DINOSEB	11.444	11.306	9562.5E6	6995.3E6	689.280m	648.836
15)	T	Picloram	11.257	12.416	12378.2E6	16069.5E6	769.974m	691.418
16)	T	DCPA	11.741	12.349	18675.0E6	15356.7E6	729.029	696.678m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 19:11
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

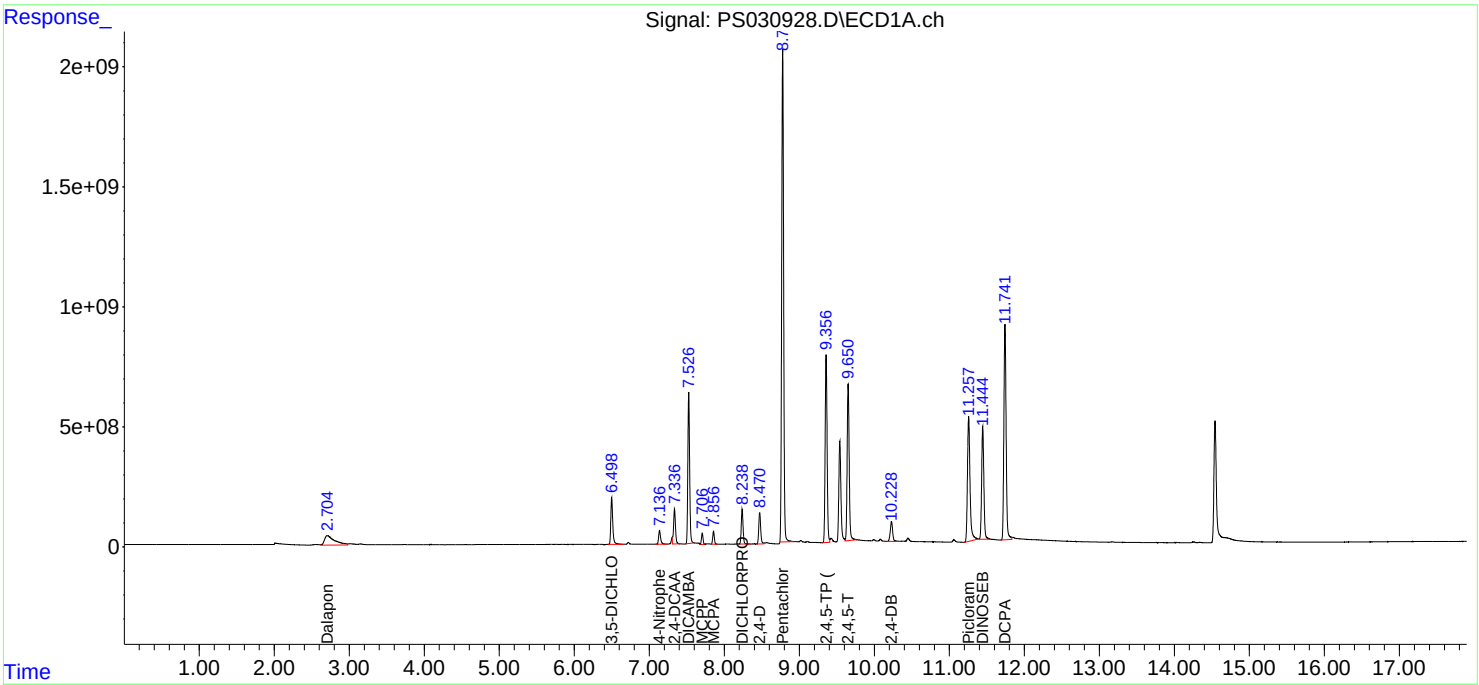
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

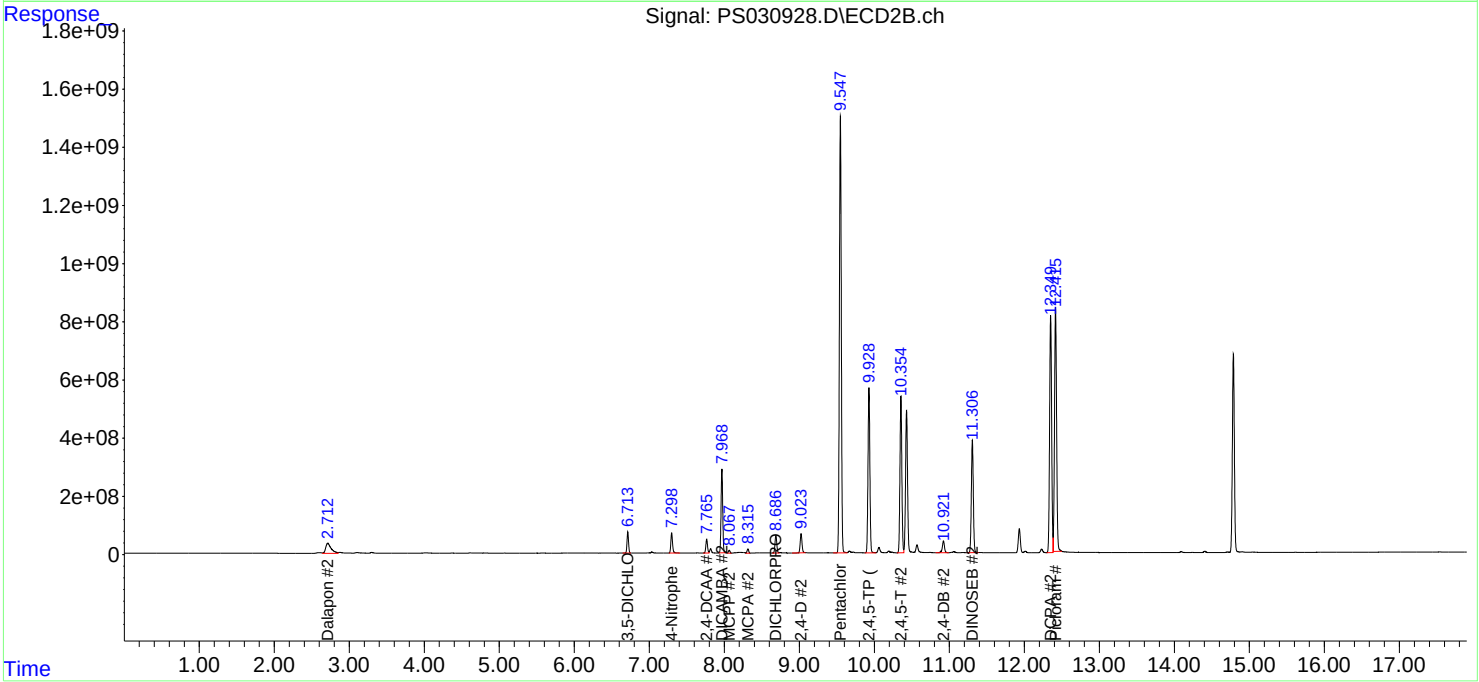
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:51:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030932.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/07/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 21:36 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.44	11.47	11.37	11.57	0.03

Raw Data: **PS030932.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/07/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 21:36 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.36	10.36	10.26	10.46	0.01
2,4-DB	10.92	10.93	10.83	11.03	0.01
Dinoseb	11.31	11.31	11.21	11.41	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/07/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030932.D **Time Analyzed:** 21:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.652	9.568	9.768	762.650	712.500	7.0
2,4,5-TP(Silvex)	9.358	9.275	9.475	709.800	712.500	-0.4
2,4-D	8.471	8.386	8.586	683.020	705.000	-3.1
2,4-DB	10.229	10.147	10.347	797.070	712.500	11.9
2,4-DCAA	7.336	7.249	7.449	697.140	750.000	-7.0
DICAMBA	7.526	7.439	7.639	684.890	705.000	-2.9
DICHLORPROP	8.239	8.153	8.353	641.940	705.000	-8.9
Dinoseb	11.444	11.366	11.566	693.310	705.000	-1.7

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/07/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030932.D **Time Analyzed:** 21:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.355	10.259	10.459	688.820	712.500	-3.3
2,4,5-TP(Silvex)	9.928	9.833	10.033	680.850	712.500	-4.4
2,4-D	9.024	8.927	9.127	639.250	705.000	-9.3
2,4-DB	10.922	10.827	11.027	673.080	712.500	-5.5
2,4-DCAA	7.766	7.670	7.870	694.830	750.000	-7.4
DICAMBA	7.969	7.872	8.072	671.350	705.000	-4.8
DICHLORPROP	8.688	8.591	8.791	636.650	705.000	-9.7
Dinoseb	11.307	11.211	11.411	651.850	705.000	-7.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:36
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:52:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.336	7.766	2561.6E6	744.8E6	697.138m	694.831
		Target Compounds						
1)	T	Dalapon	2.701	2.711	3741.8E6	1735.2E6	627.220	632.868
2)	T	3,5-DICHL...	6.498	6.713	3542.9E6	1033.9E6	658.837	640.924
3)	T	4-Nitroph...	7.137	7.299	1052.0E6	1104.7E6	667.173	637.243
5)	T	DICAMBA	7.526	7.969	10420.6E6	4399.5E6	684.888m	671.351
6)	T	MCPP	7.707	8.067	685.4E6	150.8E6	73.010m	71.923
7)	T	MCPA	7.858	8.316	805.0E6	219.1E6	68.628	69.665
8)	T	DICHLORPROP	8.239	8.688	2404.5E6	1001.1E6	641.938	636.654
9)	T	2,4-D	8.471	9.024	2352.6E6	1086.3E6	683.024	639.245
10)	T	Pentachlo...	8.778	9.548	37244.9E6	26532.9E6	703.724	695.999
11)	T	2,4,5-TP ...	9.358	9.928	14217.7E6	9823.8E6	709.804	680.852
12)	T	2,4,5-T	9.652	10.355	12548.0E6	9412.5E6	762.650	688.820
13)	T	2,4-DB	10.229	10.922	1828.1E6	796.2E6	797.065m	673.077
14)	T	DINOSEB	11.444	11.307	9618.4E6	7027.7E6	693.306m	651.847
15)	T	Picloram	11.256	12.416	12700.0E6	16366.4E6	789.993m	704.193
16)	T	DCPA	11.742	12.351	18834.7E6	15475.7E6	735.263	702.074m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:36
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

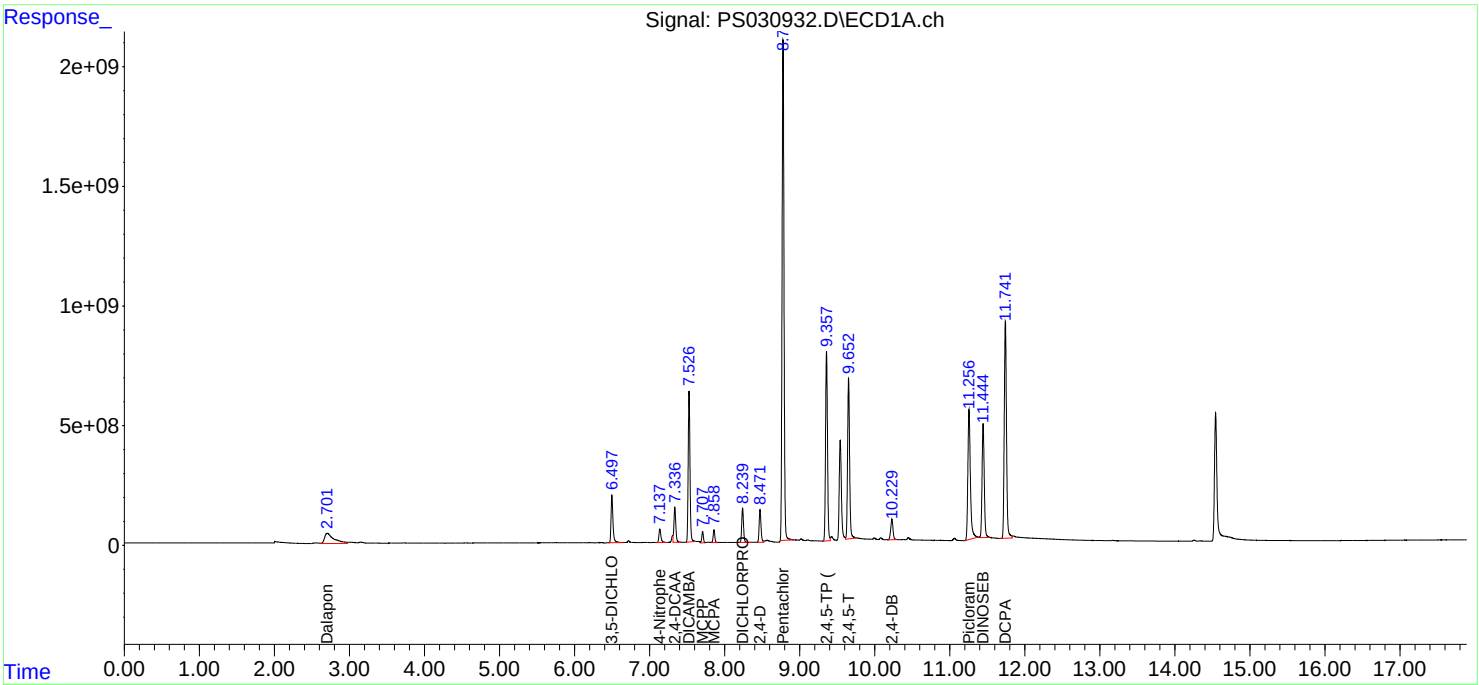
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

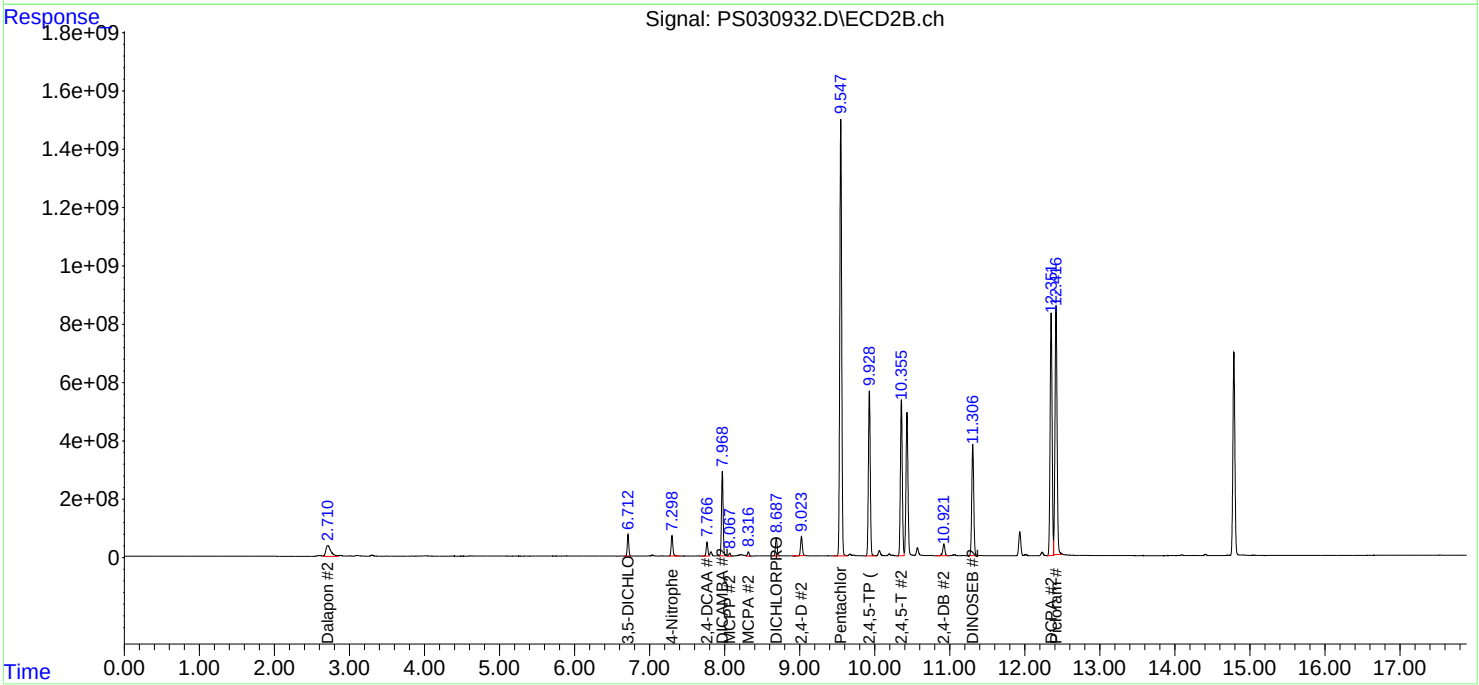
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:52:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030941.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/08/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 01:38 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.44	11.47	11.37	11.57	0.03

Raw Data: **PS030941.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/08/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 01:38 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.35	10.36	10.26	10.46	0.01
2,4-DB	10.92	10.93	10.83	11.03	0.01
Dinoseb	11.31	11.31	11.21	11.41	0.00

Raw Data: **PS030941.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/08/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030941.D **Time Analyzed:** 01:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.651	9.568	9.768	776.510	712.500	9.0
2,4,5-TP(Silvex)	9.357	9.275	9.475	716.040	712.500	0.5
2,4-D	8.470	8.386	8.586	695.710	705.000	-1.3
2,4-DB	10.227	10.147	10.347	806.190	712.500	13.1
2,4-DCAA	7.336	7.249	7.449	703.920	750.000	-6.1
DICAMBA	7.526	7.439	7.639	686.270	705.000	-2.7
DICHLORPROP	8.238	8.153	8.353	648.310	705.000	-8.0
Dinoseb	11.444	11.366	11.566	685.440	705.000	-2.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/08/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030941.D **Time Analyzed:** 01:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.354	10.259	10.459	691.170	712.500	-3.0
2,4,5-TP(Silvex)	9.928	9.833	10.033	682.700	712.500	-4.2
2,4-D	9.023	8.927	9.127	645.590	705.000	-8.4
2,4-DB	10.922	10.827	11.027	665.750	712.500	-6.6
2,4-DCAA	7.766	7.670	7.870	692.550	750.000	-7.7
DICAMBA	7.969	7.872	8.072	673.190	705.000	-4.5
DICHLORPROP	8.688	8.591	8.791	637.580	705.000	-9.6
Dinoseb	11.306	11.211	11.411	636.320	705.000	-9.7

Sample Results: **PS030941.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:38
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:39:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.336	7.766	2586.5E6	742.4E6	703.919m	692.551
		Target Compounds						
1)	T	Dalapon	2.703	2.710	3733.5E6	1723.7E6	625.831	628.682
2)	T	3,5-DICHL...	6.497	6.713	3560.6E6	1037.8E6	662.130	643.316
3)	T	4-Nitroph...	7.135	7.299	1038.8E6	1077.8E6	658.838	621.712
5)	T	DICAMBA	7.526	7.969	10441.6E6	4411.6E6	686.269m	673.190
6)	T	MCPP	7.707	8.067	683.3E6	146.5E6	72.777m	69.847
7)	T	MCPA	7.857	8.316	811.6E6	215.6E6	69.186	68.524
8)	T	DICHLORPROP	8.238	8.688	2428.4E6	1002.6E6	648.305	637.584
9)	T	2,4-D	8.470	9.023	2396.3E6	1097.1E6	695.710	645.587
10)	T	Pentachlo...	8.777	9.547	37370.8E6	26561.7E6	706.104	696.753
11)	T	2,4,5-TP ...	9.357	9.928	14342.6E6	9850.5E6	716.039	682.701
12)	T	2,4,5-T	9.651	10.354	12776.0E6	9444.6E6	776.510	691.175
13)	T	2,4-DB	10.227	10.922	1849.0E6	787.5E6	806.192m	665.750
14)	T	DINOSEB	11.444	11.306	9509.3E6	6860.3E6	685.444m	636.316
15)	T	Picloram	11.255	12.415	13080.0E6	16341.1E6	813.628m	703.104
16)	T	DCPA	11.740	12.350	18928.6E6	15437.5E6	738.928	700.342m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:38
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

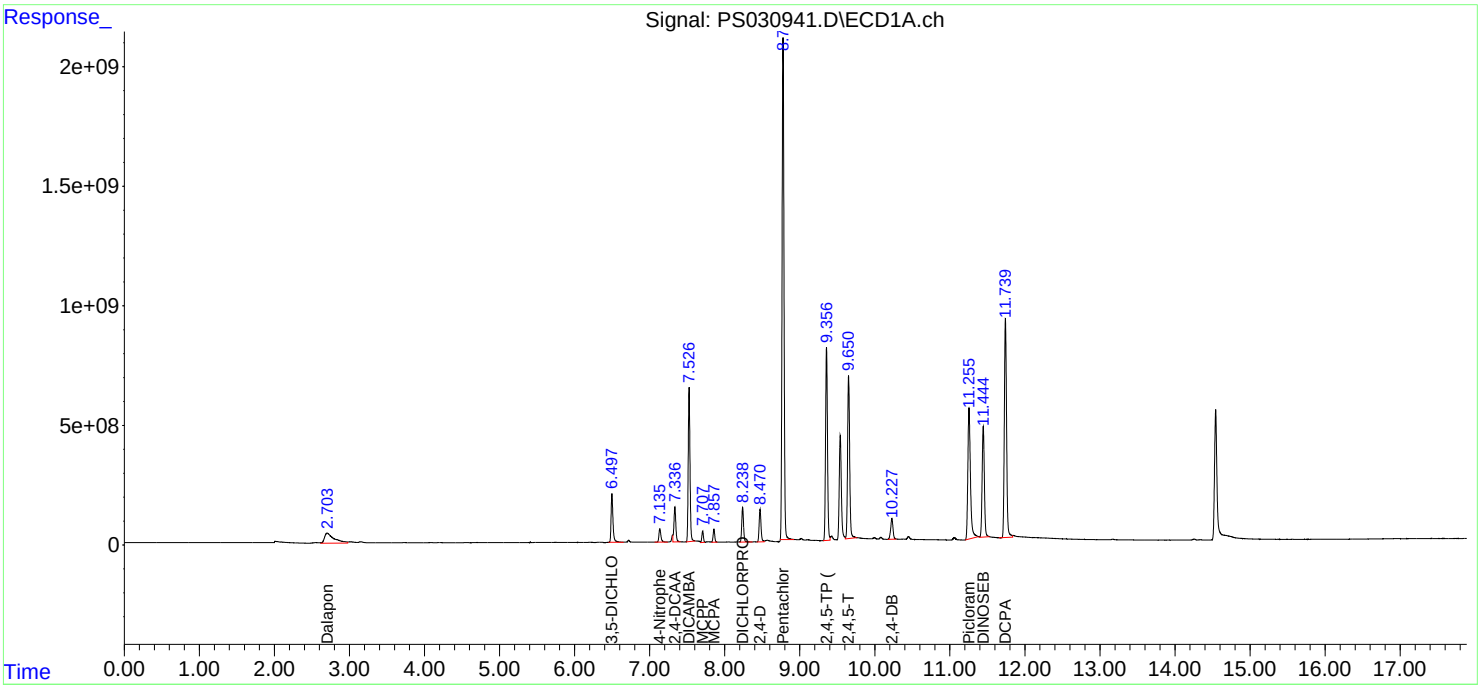
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

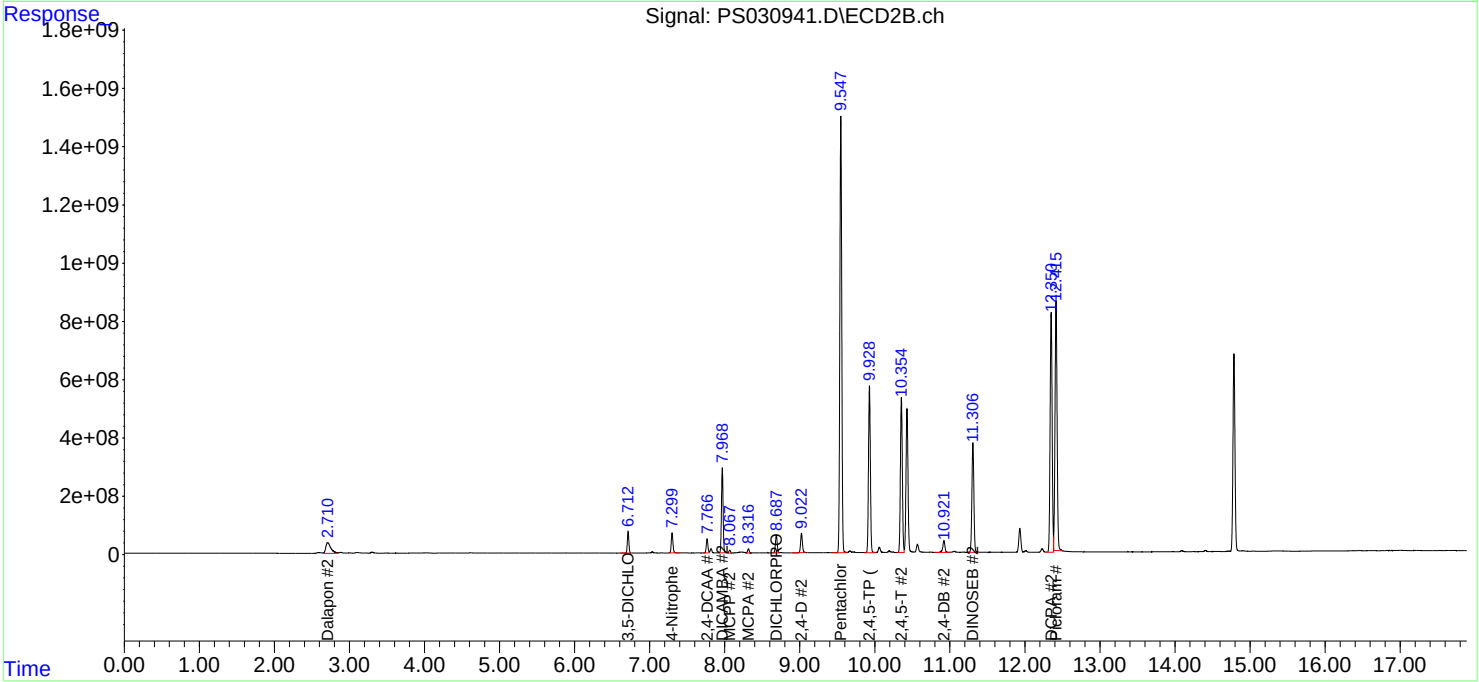
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:39:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030944.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/08/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 09:27 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.44	11.47	11.37	11.57	0.03

Raw Data: **PS030944.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/08/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 09:27 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.01
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.35	10.36	10.26	10.46	0.01
2,4-DB	10.92	10.93	10.83	11.03	0.01
Dinoseb	11.31	11.31	11.21	11.41	0.00

Raw Data: **PS030944.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/08/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030944.D **Time Analyzed:** 09:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.651	9.568	9.768	770.730	712.500	8.2
2,4,5-TP(Silvex)	9.357	9.275	9.475	720.850	712.500	1.2
2,4-D	8.470	8.386	8.586	697.260	705.000	-1.1
2,4-DB	10.227	10.147	10.347	791.680	712.500	11.1
2,4-DCAA	7.336	7.249	7.449	733.720	750.000	-2.2
DICAMBA	7.525	7.439	7.639	690.450	705.000	-2.1
DICHLORPROP	8.238	8.153	8.353	650.710	705.000	-7.7
Dinoseb	11.444	11.366	11.566	691.050	705.000	-2.0

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/08/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030944.D **Time Analyzed:** 09:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.353	10.259	10.459	690.590	712.500	-3.1
2,4,5-TP(Silvex)	9.927	9.833	10.033	686.060	712.500	-3.7
2,4-D	9.022	8.927	9.127	643.990	705.000	-8.7
2,4-DB	10.921	10.827	11.027	675.660	712.500	-5.2
2,4-DCAA	7.765	7.670	7.870	691.710	750.000	-7.8
DICAMBA	7.967	7.872	8.072	676.030	705.000	-4.1
DICHLORPROP	8.686	8.591	8.791	652.190	705.000	-7.5
Dinoseb	11.305	11.211	11.411	642.510	705.000	-8.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 09:27
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 12:03:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.336	7.765	2696.0E6	741.5E6	733.718m	691.709
		Target Compounds						
1)	T	Dalapon	2.709	2.710	3768.9E6	1728.4E6	631.761	630.385
2)	T	3,5-DICHL...	6.498	6.712	3626.1E6	1036.1E6	674.297	642.292
3)	T	4-Nitroph...	7.136	7.298	1038.6E6	1087.7E6	658.711	627.454
5)	T	DICAMBA	7.525	7.967	10505.2E6	4430.2E6	690.445m	676.033
6)	T	MCPP	7.707	8.066	665.5E6	149.5E6	70.881m	71.298
7)	T	MCPA	7.857	8.315	812.6E6	221.5E6	69.276	70.398
8)	T	DICHLORPROP	8.238	8.686	2437.4E6	1025.6E6	650.707	652.190
9)	T	2,4-D	8.470	9.022	2401.7E6	1094.4E6	697.260	643.986
10)	T	Pentachlo...	8.777	9.547	37799.3E6	26699.0E6	714.199	700.355
11)	T	2,4,5-TP ...	9.357	9.927	14438.9E6	9898.9E6	720.847	686.056
12)	T	2,4,5-T	9.651	10.353	12681.0E6	9436.6E6	770.734	690.588
13)	T	2,4-DB	10.227	10.921	1815.7E6	799.2E6	791.678m	675.658
14)	T	DINOSEB	11.444	11.305	9587.0E6	6927.0E6	691.049m	642.507
15)	T	Picloram	11.255	12.415	12455.6E6	16193.1E6	774.786m	696.736
16)	T	DCPA	11.741	12.349	19168.6E6	15448.4E6	748.296	700.837

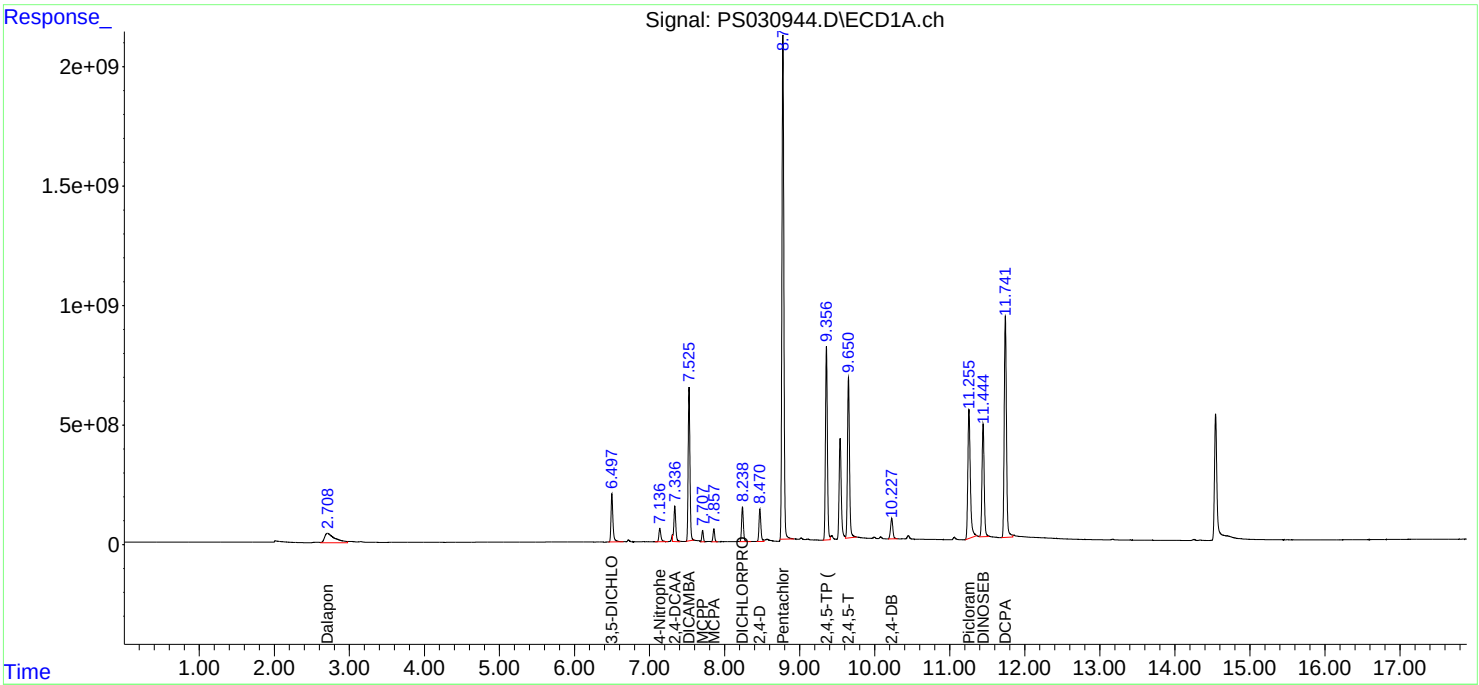
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

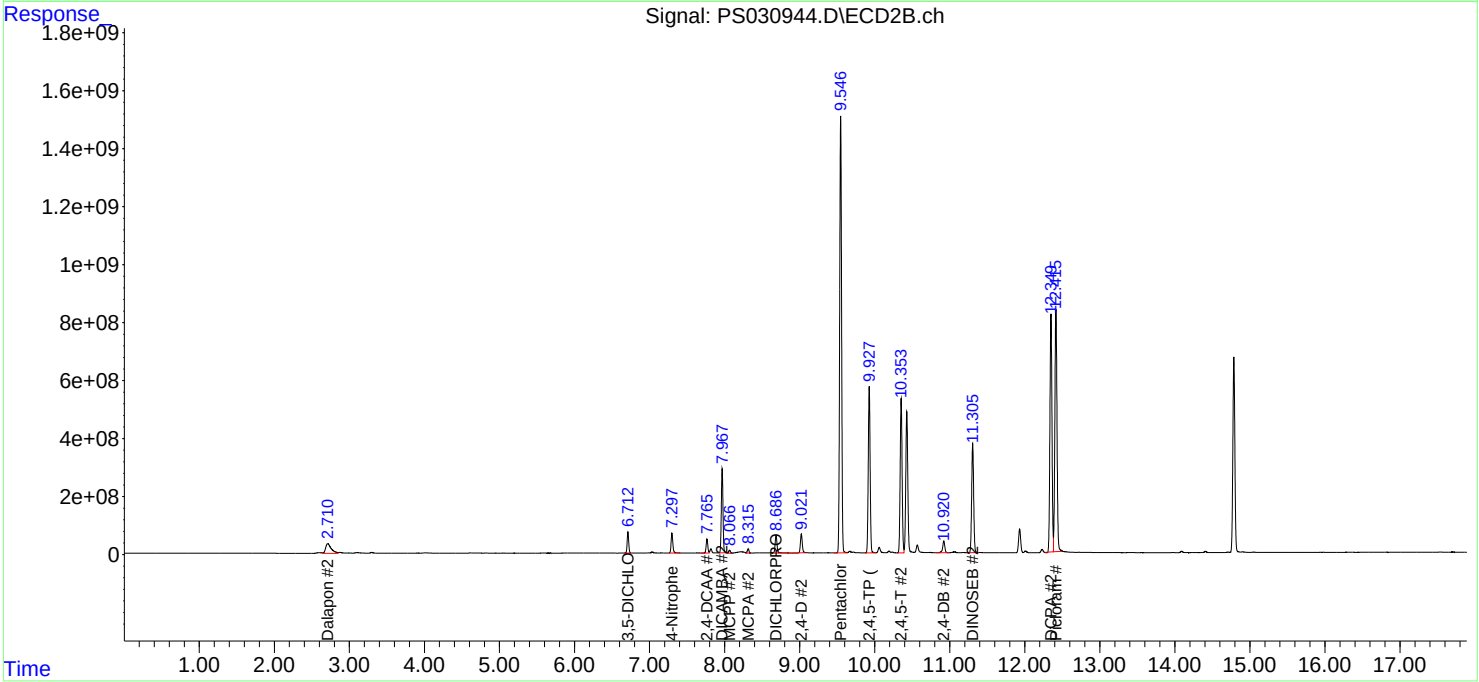
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 09:27
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 12:03:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030956.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/08/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 16:05 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.45	11.47	11.37	11.57	0.02

Raw Data: **PS030956.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/08/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 16:05 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.93	9.83	10.03	-0.01
2,4,5-T	10.36	10.36	10.26	10.46	0.00
2,4-DB	10.93	10.93	10.83	11.03	0.00
Dinoseb	11.32	11.31	11.21	11.41	0.00

Raw Data: **PS030956.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/08/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030956.D **Time Analyzed:** 16:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.654	9.568	9.768	763.100	712.500	7.1
2,4,5-TP(Silvex)	9.359	9.275	9.475	711.640	712.500	-0.1
2,4-D	8.473	8.386	8.586	693.790	705.000	-1.6
2,4-DB	10.231	10.147	10.347	786.470	712.500	10.4
2,4-DCAA	7.338	7.249	7.449	797.680	750.000	6.4
DICAMBA	7.527	7.439	7.639	688.250	705.000	-2.4
DICHLORPROP	8.241	8.153	8.353	643.890	705.000	-8.7
Dinoseb	11.449	11.366	11.566	696.870	705.000	-1.2

Raw Data: **PS030956.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/08/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030956.D **Time Analyzed:** 16:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.361	10.259	10.459	683.490	712.500	-4.1
2,4,5-TP(Silvex)	9.935	9.833	10.033	676.910	712.500	-5.0
2,4-D	9.028	8.927	9.127	670.510	705.000	-4.9
2,4-DB	10.929	10.827	11.027	668.780	712.500	-6.1
2,4-DCAA	7.770	7.670	7.870	683.440	750.000	-8.9
DICAMBA	7.973	7.872	8.072	663.860	705.000	-5.8
DICHLORPROP	8.693	8.591	8.791	640.710	705.000	-9.1
Dinoseb	11.315	11.211	11.411	644.320	705.000	-8.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:05
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:38:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.338	7.770	2931.0E6	732.6E6	797.678	683.439
		Target Compounds						
1)	T	Dalapon	2.706	2.712	3711.6E6	1688.5E6	622.159	615.832
2)	T	3,5-DICHL...	6.499	6.716	3585.3E6	1019.0E6	666.720	631.674
3)	T	4-Nitroph...	7.138	7.302	1042.8E6	1090.7E6	661.361	629.154
5)	T	DICAMBA	7.527	7.973	10471.8E6	4350.4E6	688.254m	663.858
6)	T	MCPP	7.708	8.072	695.4E6	147.5E6	74.068m	70.340
7)	T	MCPA	7.859	8.321	804.2E6	215.5E6	68.555	68.508
8)	T	DICHLORPROP	8.241	8.693	2411.9E6	1007.5E6	643.892	640.706
9)	T	2,4-D	8.473	9.028	2389.7E6	1139.5E6	693.791	670.511m
10)	T	Pentachlo...	8.780	9.553	37321.0E6	26385.6E6	705.161	692.133
11)	T	2,4,5-TP ...	9.359	9.935	14254.5E6	9767.0E6	711.645	676.912
12)	T	2,4,5-T	9.654	10.361	12555.4E6	9339.6E6	763.099	683.488
13)	T	2,4-DB	10.231	10.929	1803.8E6	791.1E6	786.474m	668.783m
14)	T	DINOSEB	11.449	11.315	9667.9E6	6946.6E6	696.875m	644.322
15)	T	Picloram	11.261	12.425	12784.6E6	15865.5E6	795.257m	682.639
16)	T	DCPA	11.745	12.359	18928.1E6	15284.3E6	738.911m	693.390

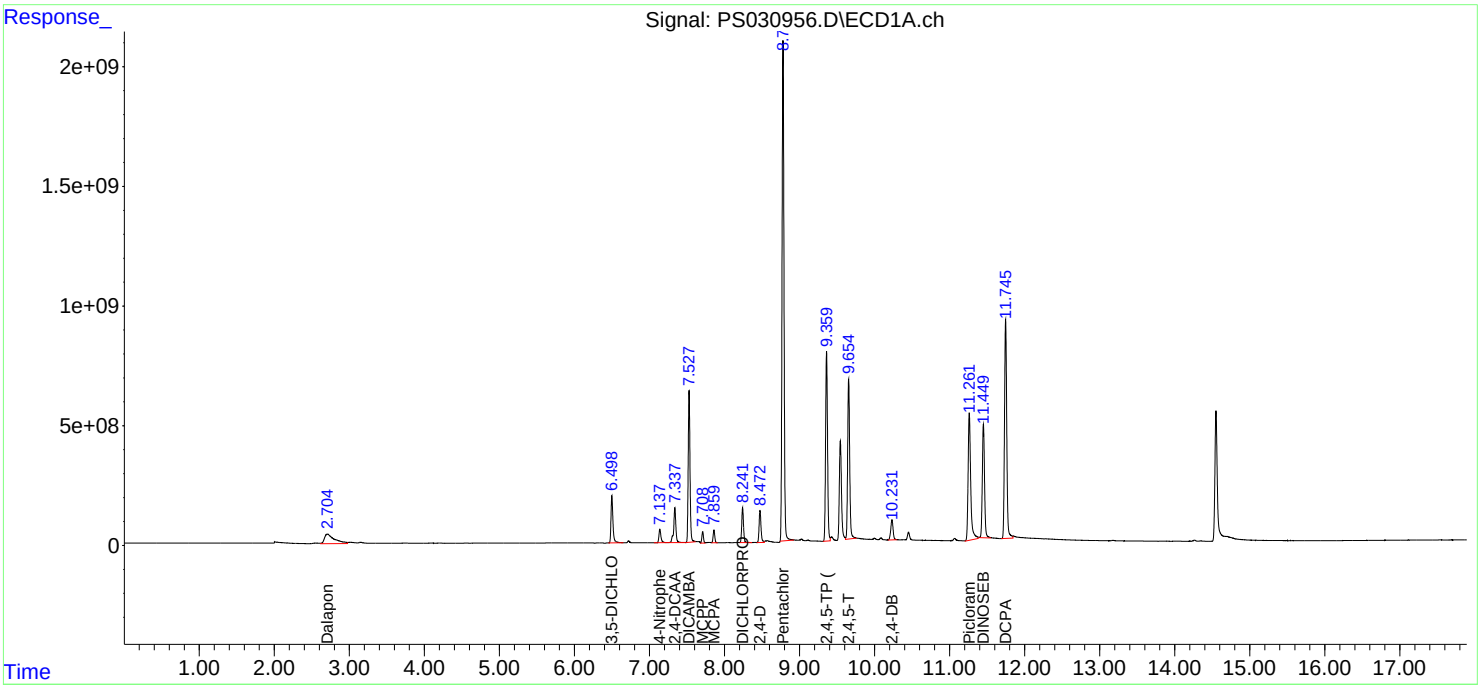
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

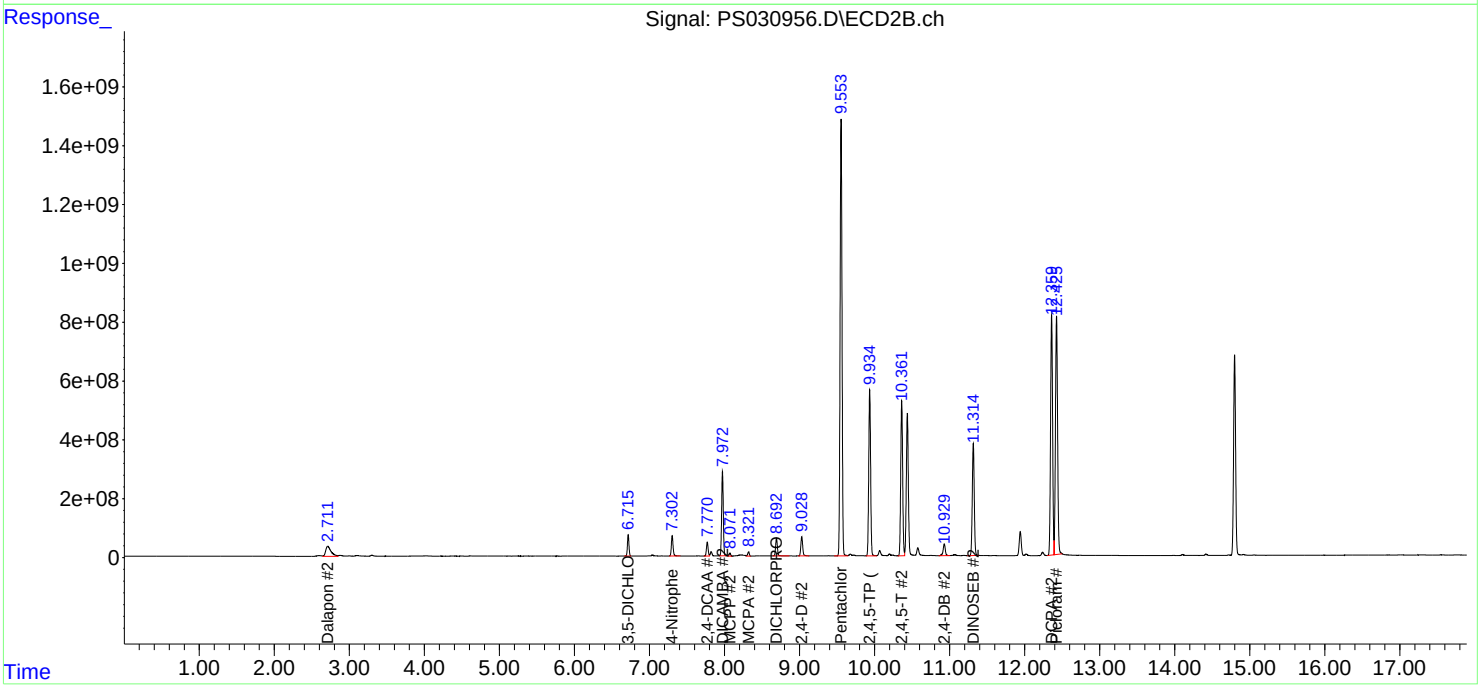
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:05
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:38:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030959.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 11:36 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.66	9.67	9.57	9.77	0.01
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.45	11.47	11.37	11.57	0.02

Raw Data: **PS030959.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 11:36 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.36	10.36	10.26	10.46	0.00
2,4-DB	10.93	10.93	10.83	11.03	0.00
Dinoseb	11.31	11.31	11.21	11.41	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL07 **Date Analyzed:** 07/09/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030959.D **Time Analyzed:** 11:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.656	9.568	9.768	725.530	712.500	1.8
2,4,5-TP(Silvex)	9.361	9.275	9.475	678.460	712.500	-4.8
2,4-D	8.474	8.386	8.586	643.260	705.000	-8.8
2,4-DB	10.233	10.147	10.347	758.610	712.500	6.5
2,4-DCAA	7.338	7.249	7.449	683.770	750.000	-8.8
DICAMBA	7.528	7.439	7.639	643.540	705.000	-8.7
DICHLORPROP	8.241	8.153	8.353	643.260	705.000	-8.8
Dinoseb	11.451	11.366	11.566	661.940	705.000	-6.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL07 **Date Analyzed:** 07/09/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030959.D **Time Analyzed:** 11:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.357	10.259	10.459	629.350	712.500	-11.7
2,4,5-TP(Silvex)	9.931	9.833	10.033	622.060	712.500	-12.7
2,4-D	9.024	8.927	9.127	614.410	705.000	-12.8
2,4-DB	10.925	10.827	11.027	607.740	712.500	-14.7
2,4-DCAA	7.764	7.670	7.870	694.400	750.000	-7.4
DICAMBA	7.967	7.872	8.072	602.990	705.000	-14.5
DICHLORPROP	8.687	8.591	8.791	588.230	705.000	-16.6
Dinoseb	11.311	11.211	11.411	586.380	705.000	-16.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
Data File : PS030959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 11:36
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 14:14:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.338	7.764	2512.5E6	744.4E6	683.773m	694.396m
		Target Compounds						
1)	T	Dalapon	2.699	2.702	3575.2E6	1539.9E6	599.301	561.646
2)	T	3,5-DICHL...	6.498	6.710	3405.2E6	937.6E6	633.222	581.206
3)	T	4-Nitroph...	7.138	7.296	973.1E6	1004.5E6	617.127	579.447
5)	T	DICAMBA	7.528	7.967	9791.5E6	3951.5E6	643.541m	602.987
6)	T	MCPP	7.709	8.066	614.0E6	132.9E6	65.397m	63.351
7)	T	MCPA	7.860	8.315	734.3E6	186.2E6	62.601	59.179
8)	T	DICHLORPROP	8.241	8.687	2409.5E6	925.0E6	643.264	588.232
9)	T	2,4-D	8.474	9.024	2215.7E6	1044.1E6	643.264m	614.408m
10)	T	Pentachlo...	8.781	9.548	35706.6E6	24300.1E6	674.659	637.429
11)	T	2,4,5-TP ...	9.361	9.931	13589.8E6	8975.5E6	678.457	622.060
12)	T	2,4,5-T	9.656	10.357	11937.3E6	8599.9E6	725.533	629.353
13)	T	2,4-DB	10.233	10.925	1739.9E6	718.9E6	758.608m	607.740
14)	T	DINOSEB	11.451	11.311	9183.1E6	6321.9E6	661.935m	586.376
15)	T	Picloram	11.263	12.422	12079.2E6	14739.1E6	751.377m	634.174
16)	T	DCPA	11.749	12.356	18024.8E6	14058.3E6	703.648	637.772

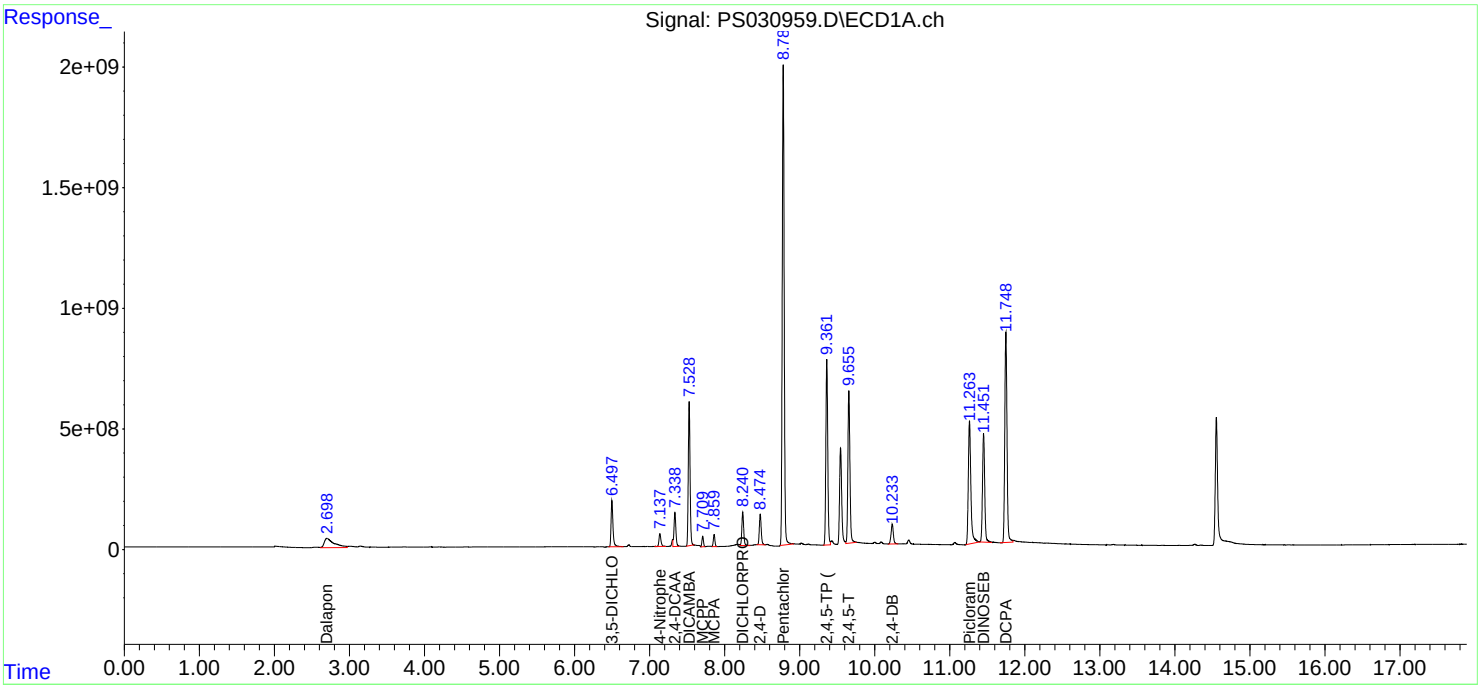
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

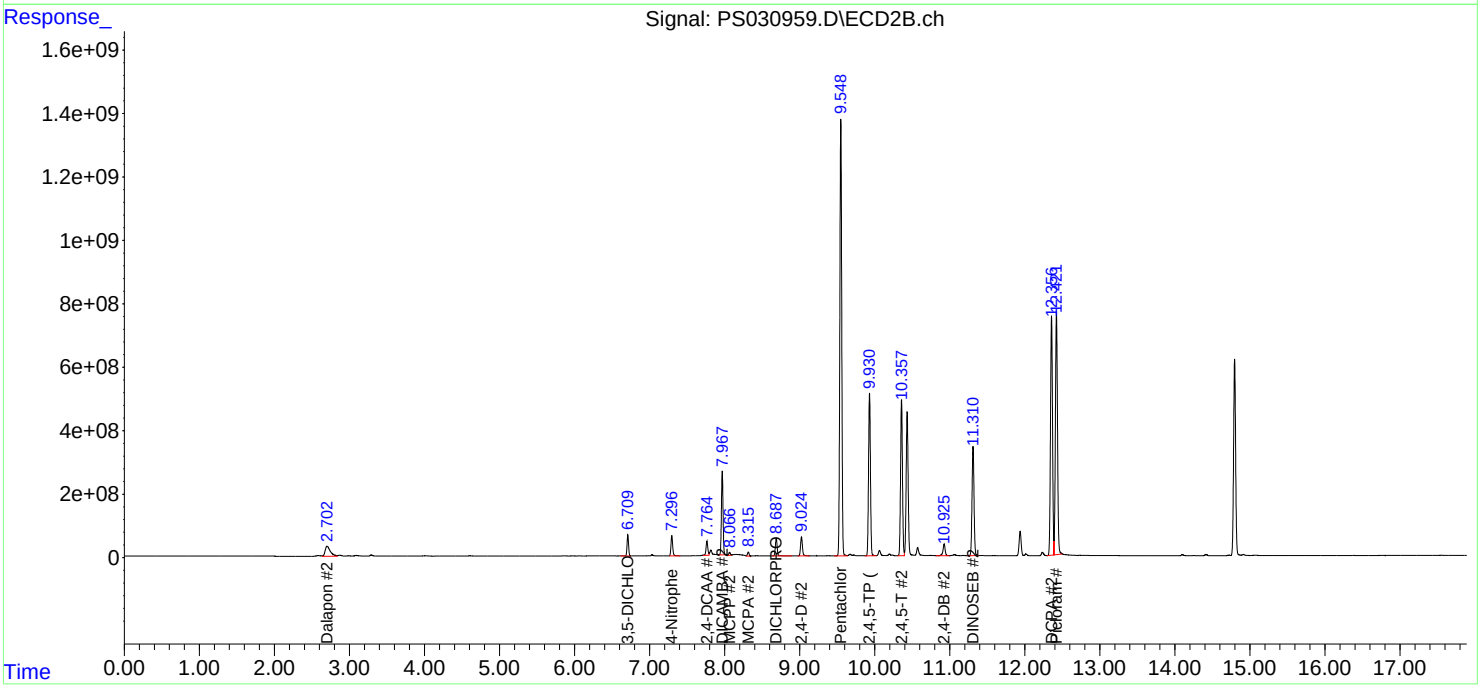
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
Data File : PS030959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 11:36
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 14:14:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm





Raw Data: **PS030967.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 14:52 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.53	7.54	7.44	7.64	0.01
2,4-DCAA	7.34	7.35	7.25	7.45	0.01
DICHLORPROP	8.24	8.25	8.15	8.35	0.01
2,4-D	8.47	8.49	8.39	8.59	0.02
2,4,5-TP(Silvex)	9.36	9.38	9.28	9.48	0.02
2,4,5-T	9.65	9.67	9.57	9.77	0.02
2,4-DB	10.23	10.25	10.15	10.35	0.02
Dinoseb	11.45	11.47	11.37	11.57	0.02

Raw Data: **PS030967.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 06/18/2025 06/18/2025

Continuing Calib Time: 14:52 **Initial Calibration Time(s):** 11:25 13:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.97	7.97	7.87	8.07	0.00
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
DICHLORPROP	8.69	8.69	8.59	8.79	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00
2,4,5-T	10.36	10.36	10.26	10.46	0.00
2,4-DB	10.93	10.93	10.83	11.03	0.00
Dinoseb	11.31	11.31	11.21	11.41	0.00

Raw Data: **PS030967.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL08 **Date Analyzed:** 07/09/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030967.D **Time Analyzed:** 14:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.653	9.568	9.768	709.820	712.500	-0.4
2,4,5-TP(Silvex)	9.359	9.275	9.475	668.070	712.500	-6.2
2,4-D	8.471	8.386	8.586	643.940	705.000	-8.7
2,4-DB	10.231	10.147	10.347	759.090	712.500	6.5
2,4-DCAA	7.337	7.249	7.449	668.070	750.000	-10.9
DICAMBA	7.526	7.439	7.639	648.820	705.000	-8.0
DICHLORPROP	8.240	8.153	8.353	607.260	705.000	-13.9
Dinoseb	11.447	11.366	11.566	644.130	705.000	-8.6

Raw Data: **PS030967.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/18/2025 06/18/2025

Client Sample No.: CCAL08 **Date Analyzed:** 07/09/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030967.D **Time Analyzed:** 14:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.361	10.259	10.459	635.110	712.500	-10.9
2,4,5-TP(Silvex)	9.934	9.833	10.033	629.760	712.500	-11.6
2,4-D	9.028	8.927	9.127	626.500	705.000	-11.1
2,4-DB	10.929	10.827	11.027	617.890	712.500	-13.3
2,4-DCAA	7.769	7.670	7.870	636.310	750.000	-15.2
DICAMBA	7.972	7.872	8.072	613.280	705.000	-13.0
DICHLORPROP	8.692	8.591	8.791	588.860	705.000	-16.5
Dinoseb	11.313	11.211	11.411	588.950	705.000	-16.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
Data File : PS030967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 14:52
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:42:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.337	7.769	2454.7E6	682.1E6	668.065	636.314m
		Target Compounds						
1)	T	Dalapon	2.701	2.711	3411.1E6	1538.6E6	571.789	561.169
2)	T	3,5-DICHL...	6.497	6.715	3365.9E6	941.2E6	625.908	583.482
3)	T	4-Nitroph...	7.136	7.302	967.6E6	1003.1E6	613.686	578.618
5)	T	DICAMBA	7.526	7.972	9871.9E6	4018.9E6	648.824m	613.275
6)	T	MCPP	7.707	8.070	629.9E6	134.4E6	67.093m	64.081
7)	T	MCPA	7.858	8.320	749.4E6	200.2E6	63.883	63.636
8)	T	DICHLORPROP	8.240	8.692	2274.7E6	926.0E6	607.263	588.860m
9)	T	2,4-D	8.471	9.028	2218.0E6	1064.7E6	643.935	626.498m
10)	T	Pentachlo...	8.779	9.553	35073.3E6	24565.8E6	662.692	644.398
11)	T	2,4,5-TP ...	9.359	9.934	13381.7E6	9086.6E6	668.068	629.756
12)	T	2,4,5-T	9.653	10.361	11678.8E6	8678.5E6	709.822	635.105
13)	T	2,4-DB	10.231	10.929	1741.0E6	730.9E6	759.092	617.893
14)	T	DINOSEB	11.447	11.313	8936.1E6	6349.6E6	644.126m	588.947m
15)	T	Picloram	11.259	12.424	11665.6E6	14630.9E6	725.649m	629.516
16)	T	DCPA	11.744	12.358	17913.9E6	14185.7E6	699.319	643.551

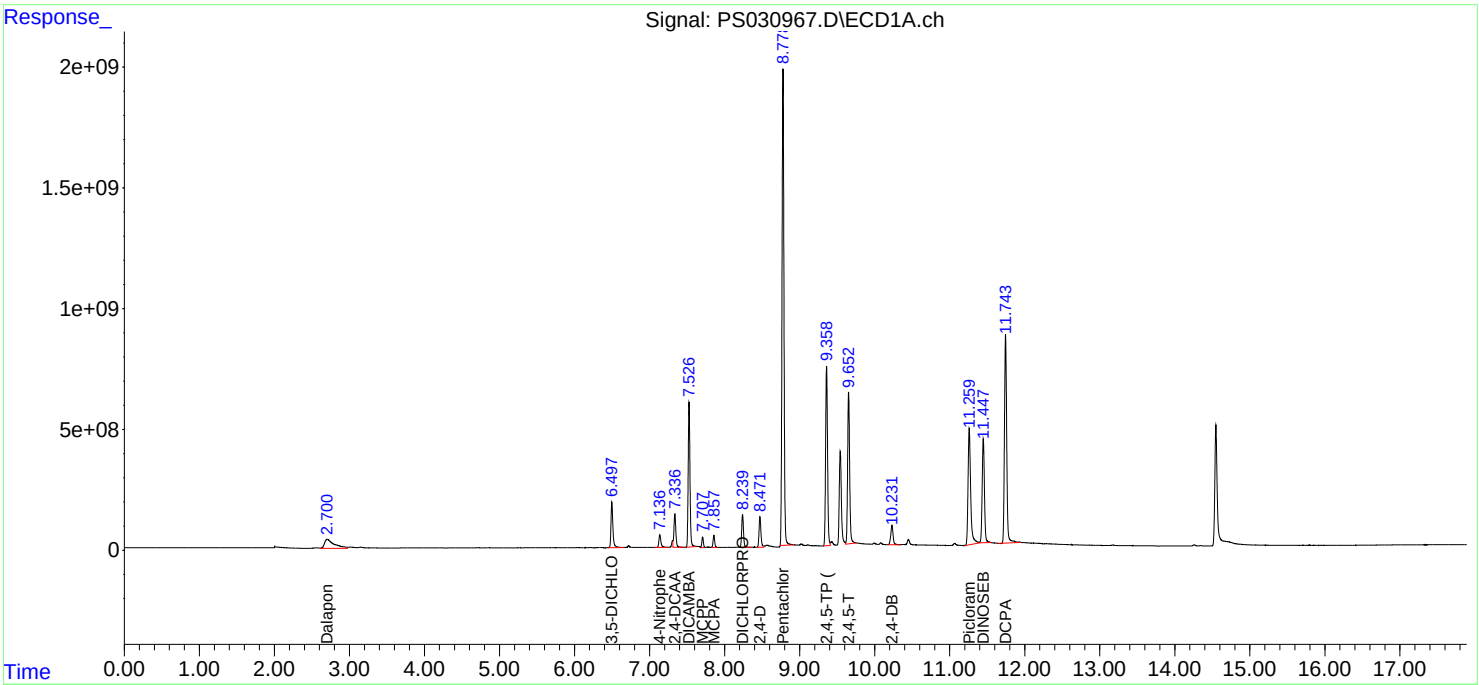
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

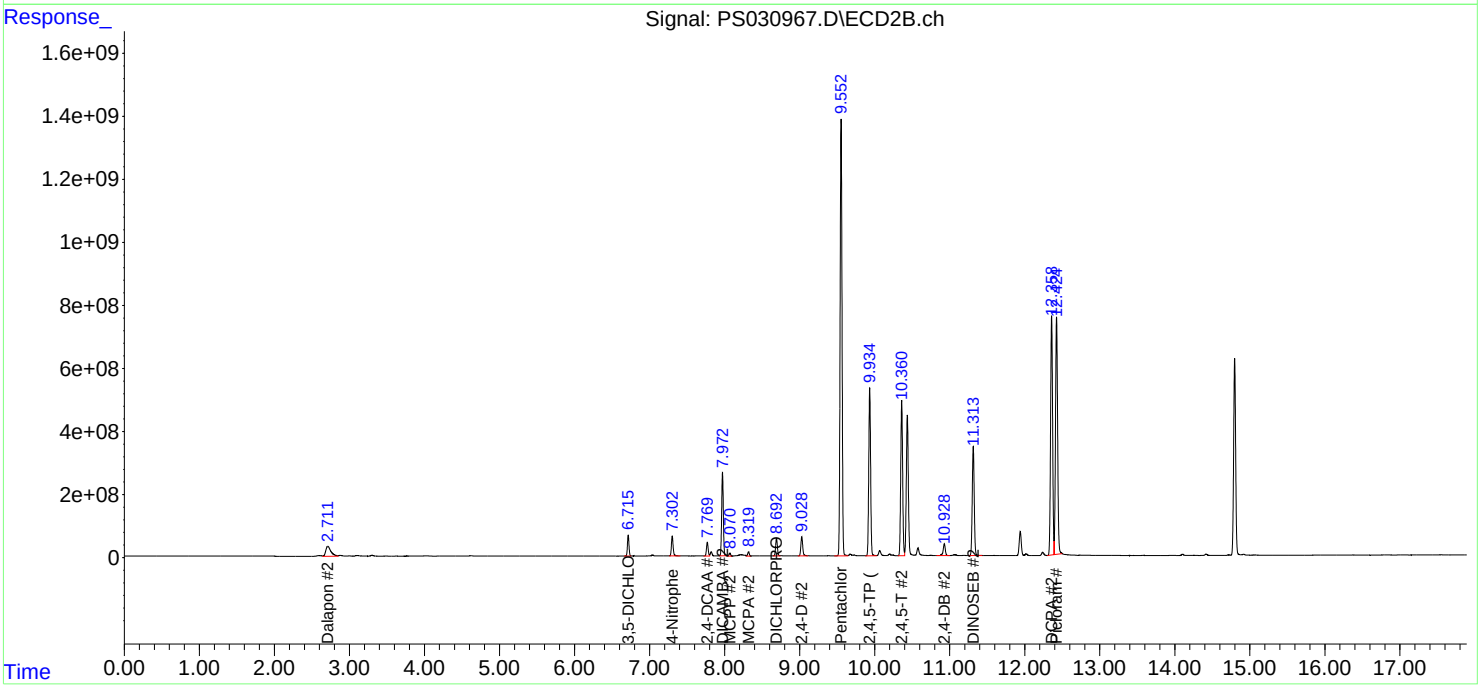
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
Data File : PS030967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 14:52
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:42:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm





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

Analytical Sequence

Client: JPCL Engineering **SDG No.:** Q2473

Project: NOHO RFI No. SC64025 NYC **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 06/18/2025 06/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	06/18/2025	11:01	PS030738.D	7.35	0.00
HSTDICC200	HSTDICC200	06/18/2025	11:25	PS030739.D	7.35	0.00
HSTDICC500	HSTDICC500	06/18/2025	11:49	PS030740.D	7.35	0.00
HSTDICC750	HSTDICC750	06/18/2025	12:13	PS030741.D	7.35	0.00
HSTDICC1000	HSTDICC1000	06/18/2025	12:37	PS030742.D	7.35	0.00
HSTDICC1500	HSTDICC1500	06/18/2025	13:29	PS030743.D	7.35	0.00
I.BLK	I.BLK	07/07/2025	09:37	PS030916.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/07/2025	10:01	PS030917.D	7.34	0.00
PIT#1	Q2473-01	07/07/2025	15:27	PS030926.D	7.34	0.00
I.BLK	I.BLK	07/07/2025	18:47	PS030927.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/07/2025	19:11	PS030928.D	7.34	0.00
PIT#2	Q2473-02	07/07/2025	19:59	PS030929.D	7.34	0.00
PIT#3	Q2473-03	07/07/2025	20:24	PS030930.D	7.34	0.00
I.BLK	I.BLK	07/07/2025	20:48	PS030931.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/07/2025	21:36	PS030932.D	7.34	0.00
PIT#4	Q2473-04	07/07/2025	22:00	PS030933.D	7.34	0.00
I.BLK	I.BLK	07/08/2025	00:50	PS030940.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/08/2025	01:38	PS030941.D	7.34	0.00
I.BLK	I.BLK	07/08/2025	08:37	PS030943.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/08/2025	09:27	PS030944.D	7.34	0.00
PB168706BL	PB168706BL	07/08/2025	12:19	PS030947.D	7.34	0.00
TP-76MS	Q2458-01MS	07/08/2025	13:07	PS030949.D	7.34	0.00
TP-76MSD	Q2458-01MSD	07/08/2025	13:32	PS030950.D	7.34	0.00
I.BLK	I.BLK	07/08/2025	15:41	PS030955.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/08/2025	16:05	PS030956.D	7.34	0.00
I.BLK	I.BLK	07/09/2025	09:32	PS030958.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/09/2025	11:36	PS030959.D	7.34	0.00
PB168706BS	PB168706BS	07/09/2025	14:04	PS030965.D	7.34	0.00
I.BLK	I.BLK	07/09/2025	14:28	PS030966.D	7.34	0.00
HSTDCCC750	HSTDCCC750	07/09/2025	14:52	PS030967.D	7.34	0.00

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Fax : 908 789 8922

Analytical Sequence

Client: JPCL Engineering **SDG No.:** Q2473

Project: NOHO RFI No. SC64025 NYC **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 06/18/2025 06/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	06/18/2025	11:01	PS030738.D	7.77	0.00
HSTDICC200	HSTDICC200	06/18/2025	11:25	PS030739.D	7.77	0.00
HSTDICC500	HSTDICC500	06/18/2025	11:49	PS030740.D	7.77	0.00
HSTDICC750	HSTDICC750	06/18/2025	12:13	PS030741.D	7.77	0.00
HSTDICC1000	HSTDICC1000	06/18/2025	12:37	PS030742.D	7.77	0.00
HSTDICC1500	HSTDICC1500	06/18/2025	13:29	PS030743.D	7.77	0.00
I.BLK	I.BLK	07/07/2025	09:37	PS030916.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/07/2025	10:01	PS030917.D	7.77	0.00
PIT#1	Q2473-01	07/07/2025	15:27	PS030926.D	7.76	0.00
I.BLK	I.BLK	07/07/2025	18:47	PS030927.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/07/2025	19:11	PS030928.D	7.77	0.00
PIT#2	Q2473-02	07/07/2025	19:59	PS030929.D	7.77	0.00
PIT#3	Q2473-03	07/07/2025	20:24	PS030930.D	7.77	0.00
I.BLK	I.BLK	07/07/2025	20:48	PS030931.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/07/2025	21:36	PS030932.D	7.77	0.00
PIT#4	Q2473-04	07/07/2025	22:00	PS030933.D	7.77	0.00
I.BLK	I.BLK	07/08/2025	00:50	PS030940.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/08/2025	01:38	PS030941.D	7.77	0.00
I.BLK	I.BLK	07/08/2025	08:37	PS030943.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/08/2025	09:27	PS030944.D	7.77	0.00
PB168706BL	PB168706BL	07/08/2025	12:19	PS030947.D	7.77	0.00
TP-76MS	Q2458-01MS	07/08/2025	13:07	PS030949.D	7.77	0.00
TP-76MSD	Q2458-01MSD	07/08/2025	13:32	PS030950.D	7.77	0.00
I.BLK	I.BLK	07/08/2025	15:41	PS030955.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/08/2025	16:05	PS030956.D	7.77	0.00
I.BLK	I.BLK	07/09/2025	09:32	PS030958.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/09/2025	11:36	PS030959.D	7.76	0.00
PB168706BS	PB168706BS	07/09/2025	14:04	PS030965.D	7.77	0.00
I.BLK	I.BLK	07/09/2025	14:28	PS030966.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/09/2025	14:52	PS030967.D	7.77	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168706BS

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Lab Sample ID: PB168706BS **Date(s) Analyzed:** 07/09/2025 07/09/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-T	1	9.65	9.60	9.70	183	9.1
	2	10.36	10.31	10.41	167	
2,4,5-TP(Silvex)	1	9.36	9.31	9.41	176	5.2
	2	9.93	9.88	9.98	167	
2,4-D	1	8.47	8.42	8.52	184	18.4
	2	9.03	8.98	9.08	153	
2,4-DB	1	10.23	10.18	10.28	192	17.6
	2	10.93	10.88	10.98	161	
DICHLORPROP	1	8.24	8.19	8.29	163	2.5
	2	8.69	8.64	8.74	159	
Dinoseb	1	11.45	11.40	11.50	170	9.2
	2	11.31	11.26	11.36	155	
DICAMBA	1	7.53	7.48	7.58	171	6
	2	7.97	7.92	8.02	161	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-76MS

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Lab Sample ID: Q2458-01MS **Date(s) Analyzed:** 07/08/2025 07/08/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICAMBA	1	7.53	7.48	7.58	86.9	2.4
	2	7.97	7.92	8.02	84.8	
DICHLORPROP	1	8.24	8.19	8.29	95.6	7.5
	2	8.69	8.64	8.74	103	
2,4-D	1	8.47	8.42	8.52	138	37.5
	2	9.03	8.98	9.08	94.4	
2,4,5-TP(Silvex)	1	9.36	9.31	9.41	95.3	2.1
	2	9.93	9.88	9.98	97.3	
2,4,5-T	1	9.65	9.60	9.70	99.8	9.2
	2	10.36	10.31	10.41	91.0	
2,4-DB	1	10.23	10.18	10.28	97.1	13.2
	2	10.93	10.88	10.98	85.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-76MSD

Lab Name: Alliance **Contract:** JPCL01

Lab Code: ACE **SDG NO.:** Q2473

Lab Sample ID: Q2458-01MSD **Date(s) Analyzed:** 07/08/2025 07/08/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.47	8.42	8.52	139	37.2
	2	9.03	8.98	9.08	95.4	
2,4,5-TP(Silvex)	1	9.36	9.31	9.41	95.9	0.9
	2	9.94	9.89	9.99	96.8	
2,4,5-T	1	9.66	9.61	9.71	101	11.1
	2	10.36	10.31	10.41	90.4	
2,4-DB	1	10.23	10.18	10.28	95.5	3.4
	2	10.93	10.88	10.98	98.8	
DICHLORPROP	1	8.24	8.19	8.29	95.0	4.4
	2	8.69	8.64	8.74	99.3	
DICAMBA	1	7.53	7.48	7.58	88.8	2.9
	2	7.97	7.92	8.02	86.3	

QC SAMPLE DATA

Raw Data: **PS030947.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168706BL	SDG No.:	Q2473
Lab Sample ID:	PB168706BL	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030947.D	1	07/02/25 11:30	07/08/25 12:19	PB168706

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	7.70	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	12.8	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	9.00	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.10	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	8.70	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	24.2	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	10.8	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	489		10 - 141	98%	SPK: 500

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_S\Data\PS070825\
Data File : PS030947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 12:19
Operator : AR\AJ
Sample : PB168706BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168706BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:36:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.335	7.765	1659.7E6	524.6E6	451.684	489.360
	Target Compounds						

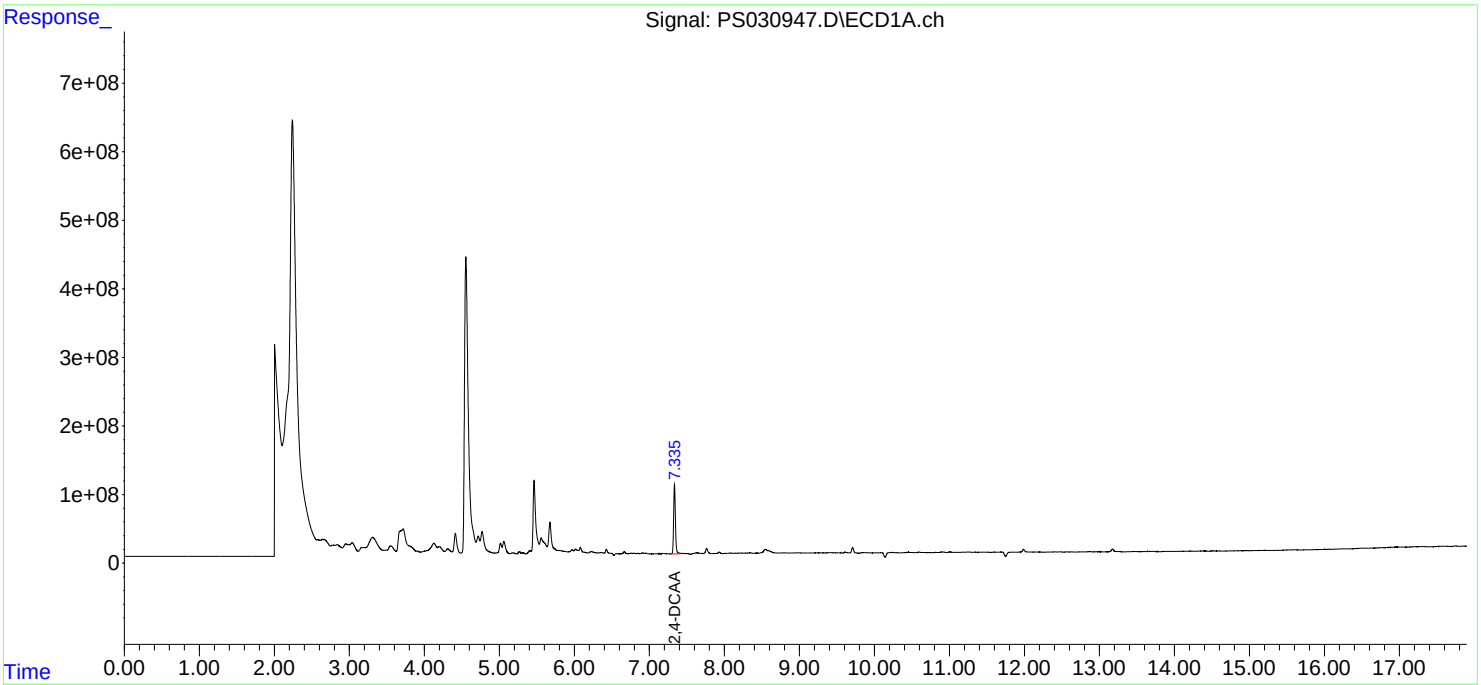
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

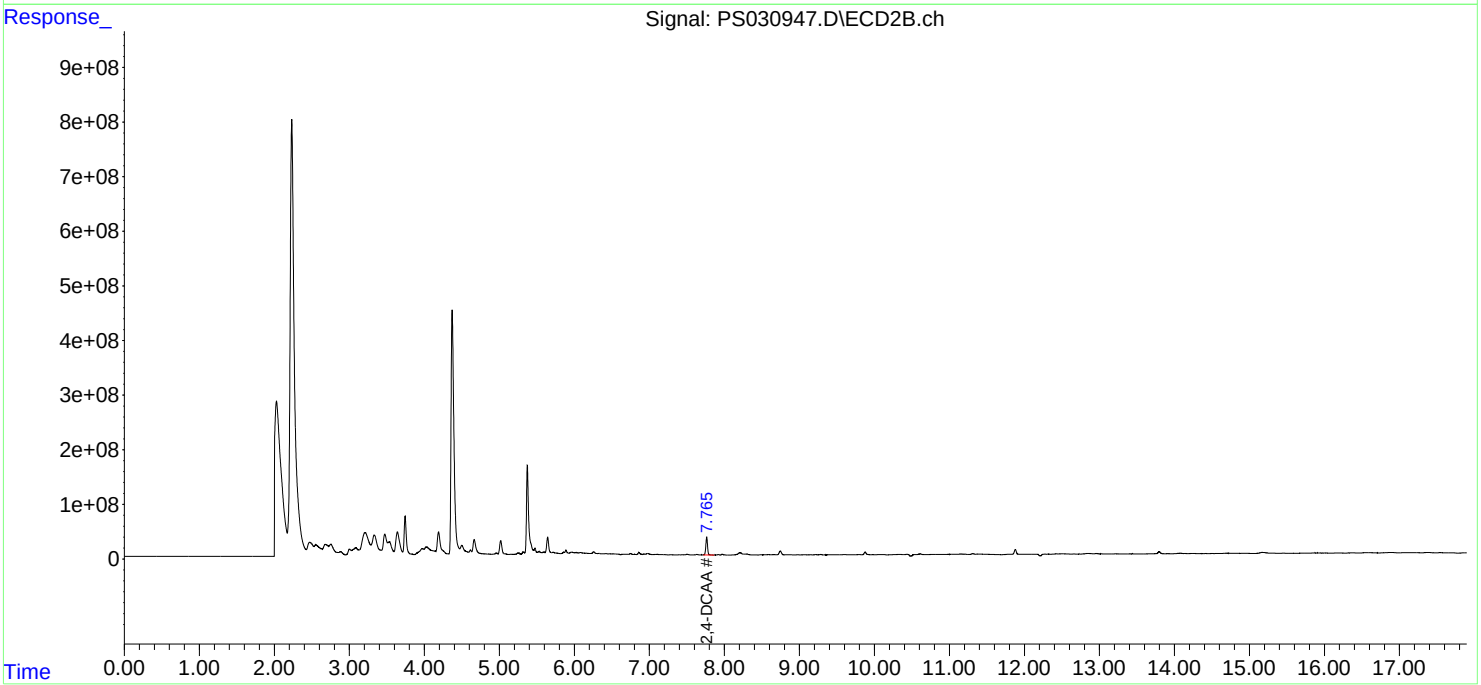
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 12:19
Operator : AR\AJ
Sample : PB168706BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

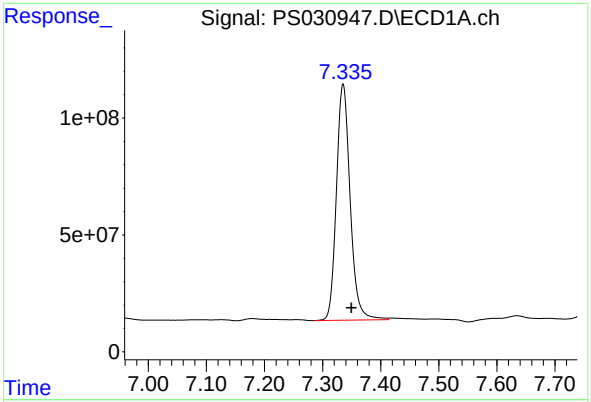
Instrument :
ECD_S
ClientSampleId :
PB168706BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:36:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



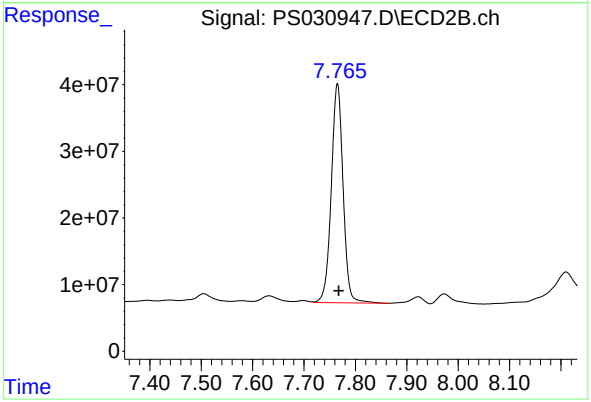




#4 2,4-DCAA

R.T.: 7.335 min
Delta R.T.: -0.014 min
Response: 1659666200
Conc: 451.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BL



#4 2,4-DCAA

R.T.: 7.765 min
Delta R.T.: -0.003 min
Response: 524575714
Conc: 489.36 ng/ml

Raw Data: **PS030738.D**

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Fax : 908 789 8922

Report of Analysis

Client:	JPCL Engineering	Date Collected:	06/18/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	06/18/25
Client Sample ID:	PIBLK-PS030738.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-PS030738.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030738.D	1		06/18/25	PS061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	487		61 - 136	97%	SPK: 500

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PS030738.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 11:01
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 05:14:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.349	7.770	1521.1E6	522.5E6	413.971	487.438
	Target Compounds						

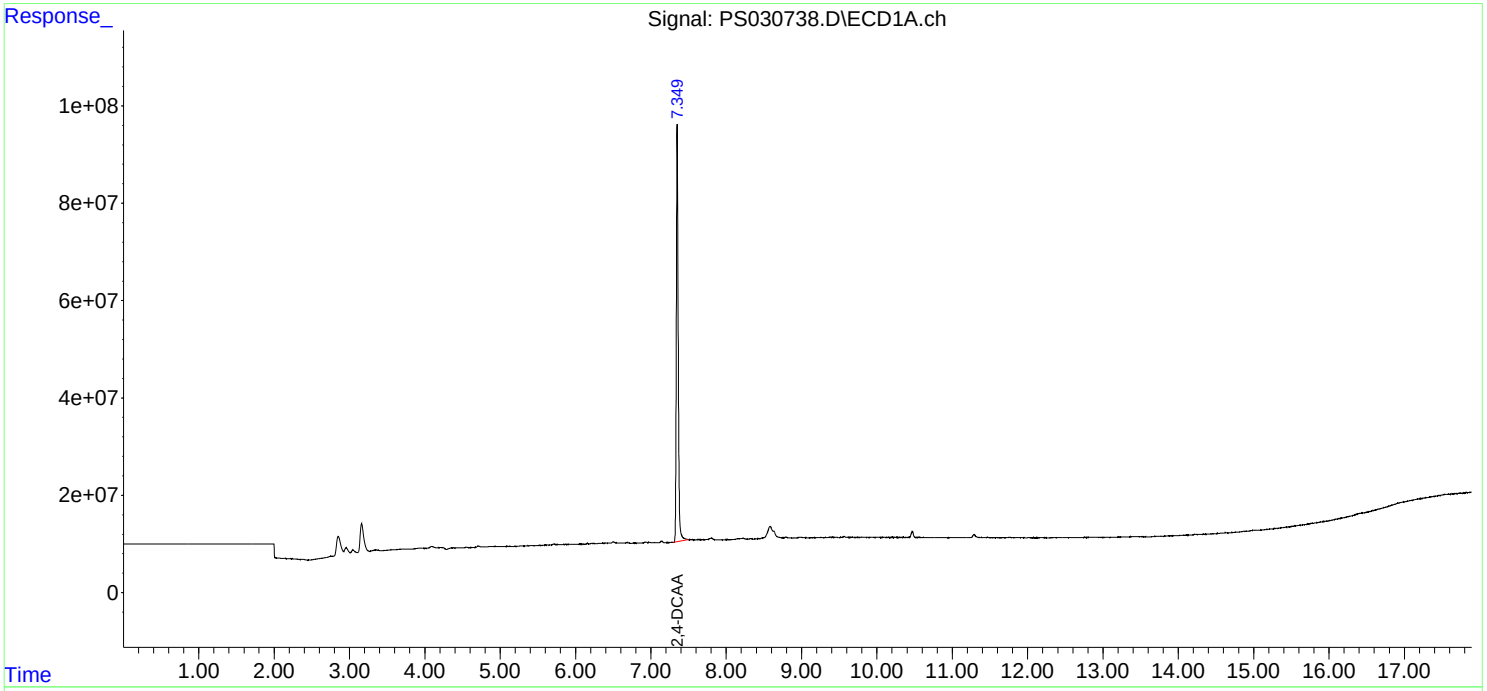
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

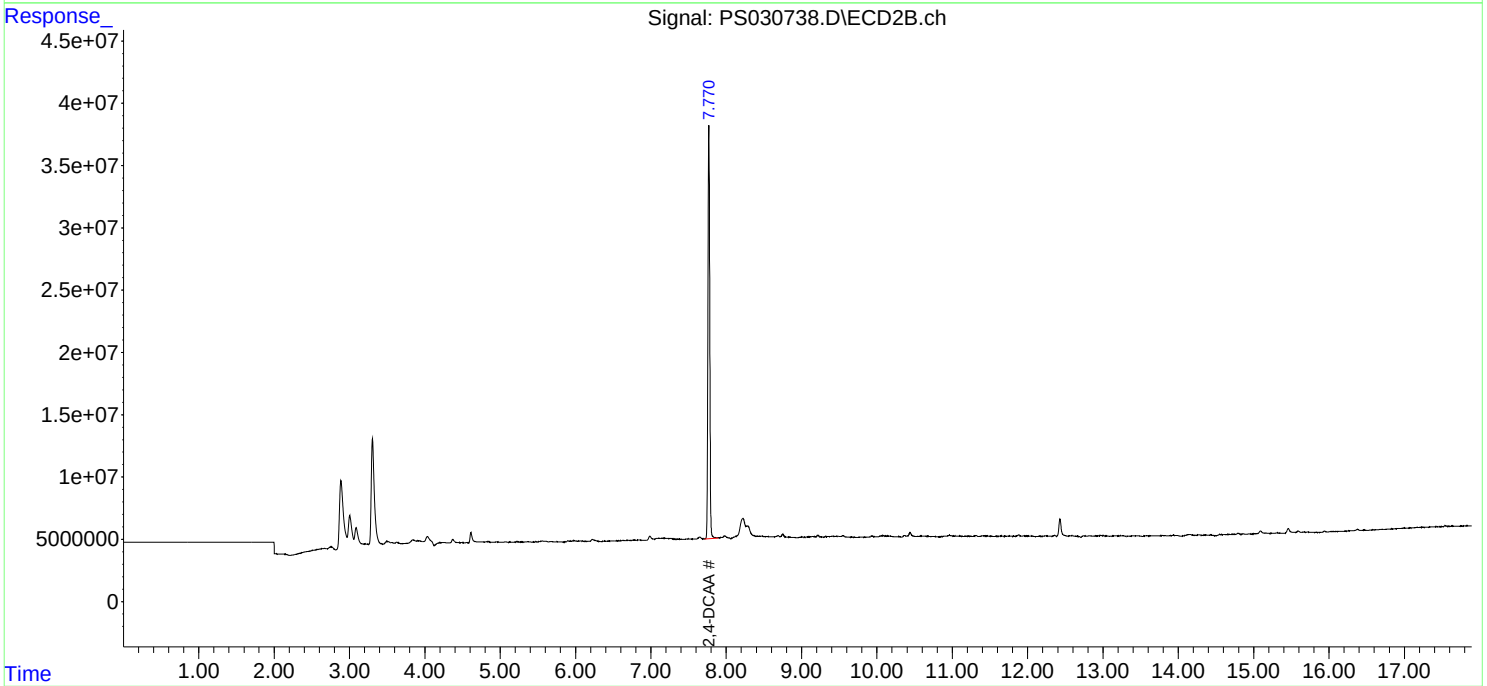
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
Data File : PS030738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 11:01
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

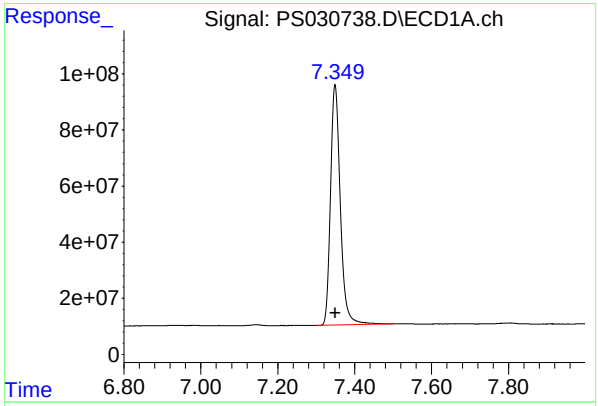
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 05:14:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



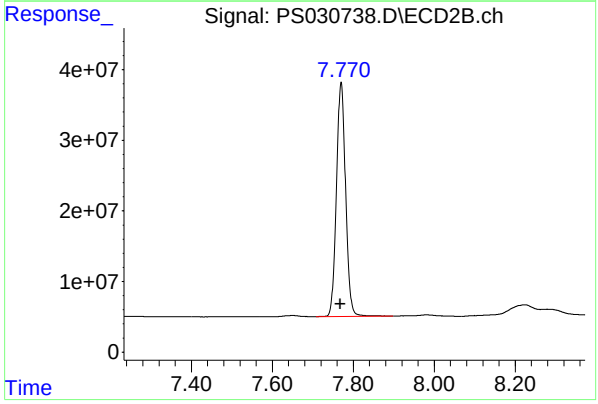




#4 2,4-DCAA

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 1521092313
Conc: 413.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 522516165
Conc: 487.44 ng/ml

Raw Data: **PS030916.D**

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Fax : 908 789 8922

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/07/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/07/25
Client Sample ID:	PIBLK-PS030916.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-PS030916.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030916.D	1		07/07/25	PS070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	481		61 - 136	96%	SPK: 500

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_S\Data\PS070725\
Data File : PS030916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 09:37
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:49:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.338	7.766	1547.4E6	515.5E6	421.129	480.886
	Target Compounds						

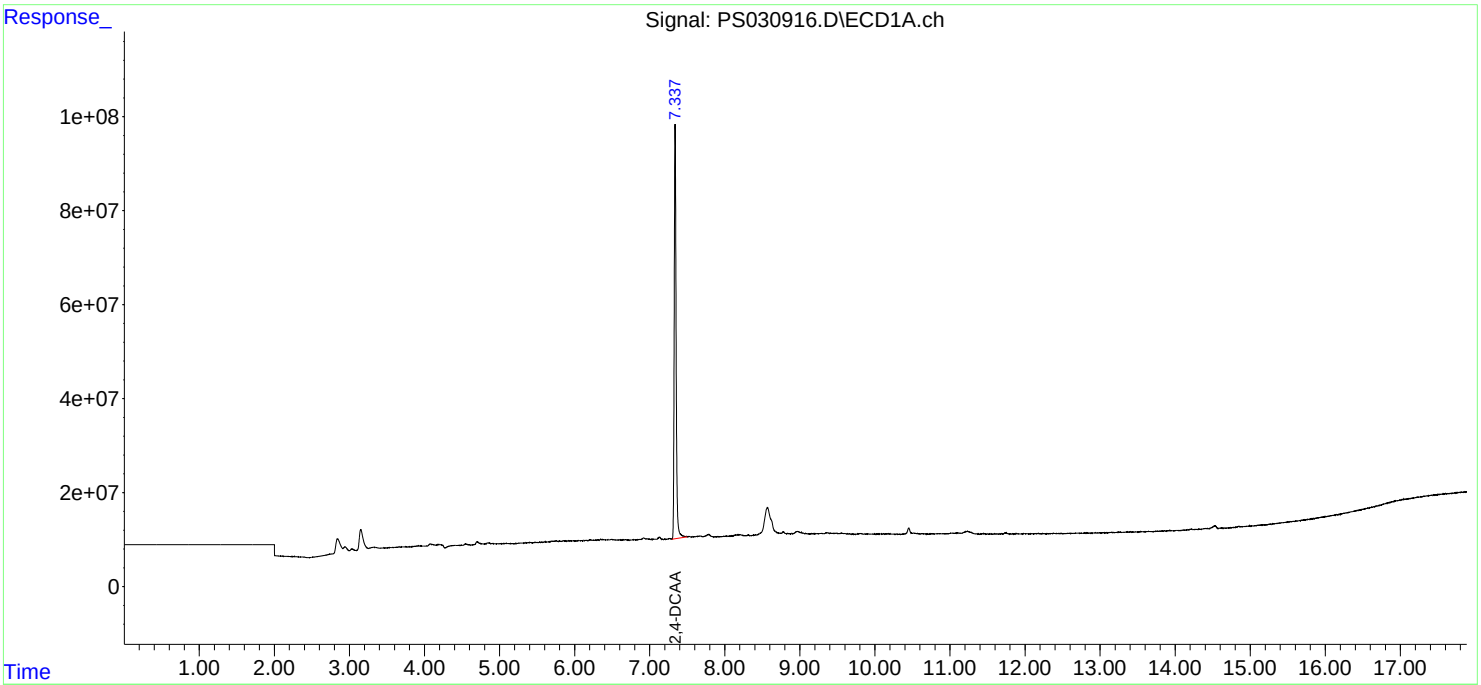
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

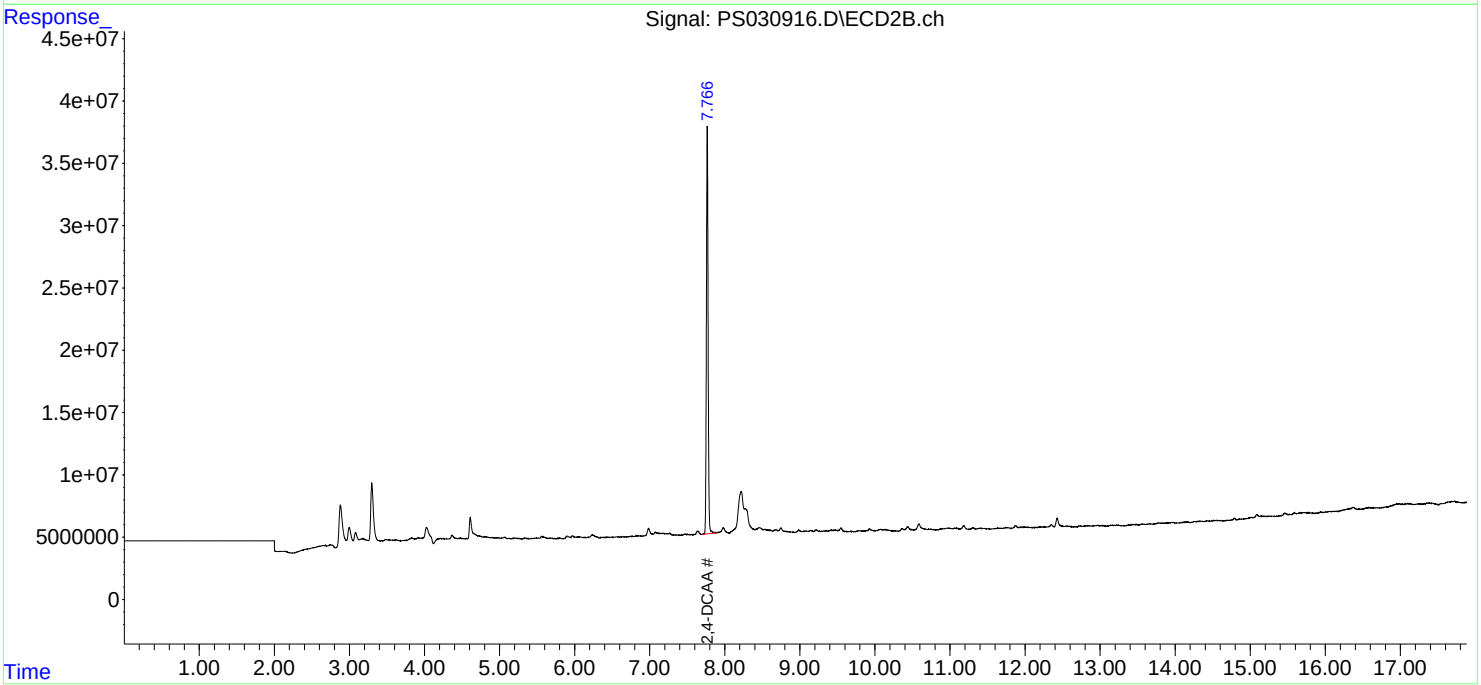
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 09:37
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

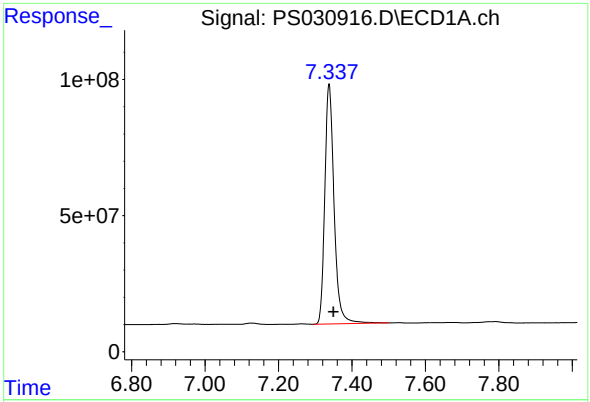
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:49:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



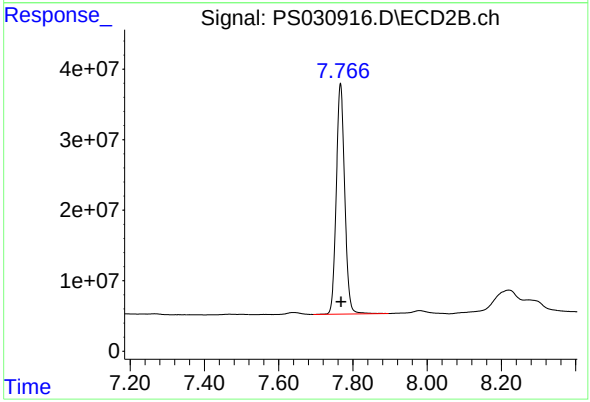




#4 2,4-DCAA

R.T.: 7.338 min
Delta R.T.: -0.012 min
Response: 1547394468
Conc: 421.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.001 min
Response: 515492744
Conc: 480.89 ng/ml

Raw Data: **PS030927.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/07/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/07/25
Client Sample ID:	PIBLK-PS030927.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-PS030927.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030927.D	1		07/07/25	PS070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	502		61 - 136	100%	SPK: 500

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_S\Data\PS070725\
Data File : PS030927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 18:47
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:51:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.337	7.766	1719.9E6	537.9E6	468.078	501.777
	Target Compounds						

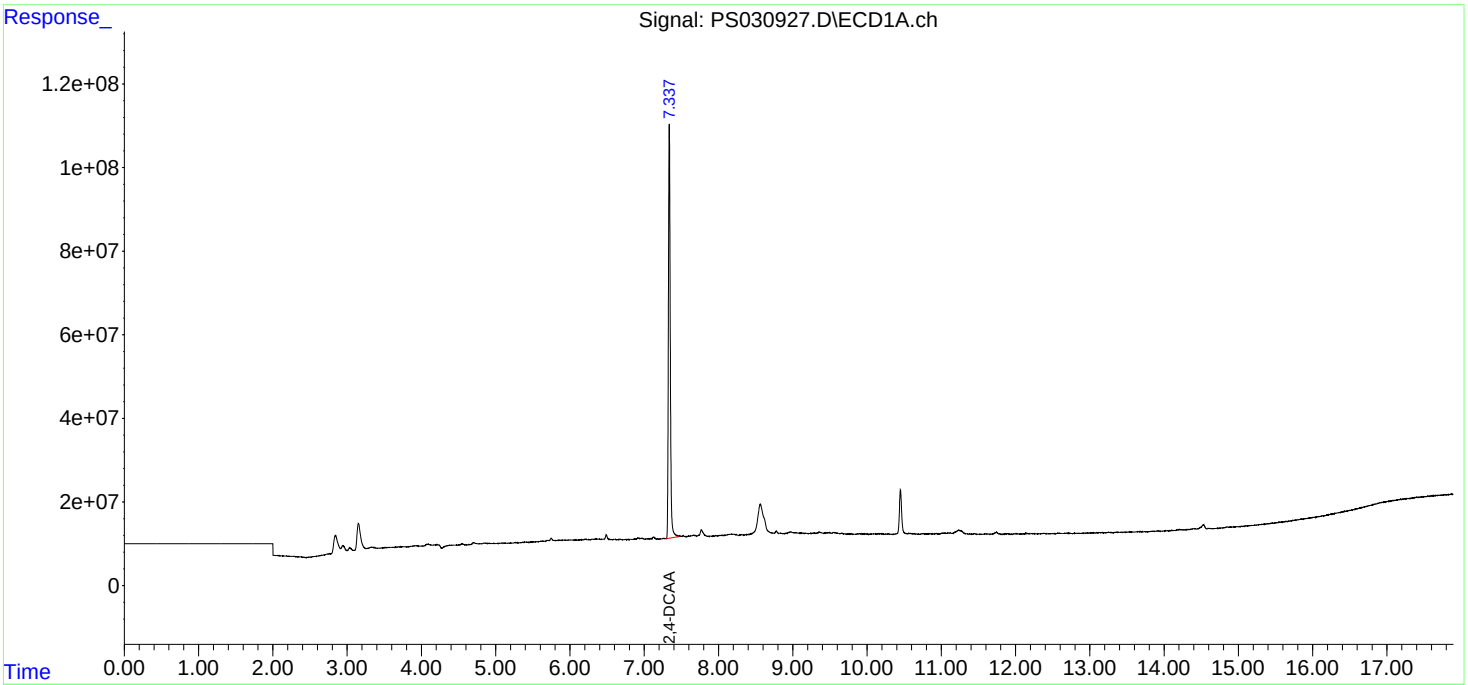
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

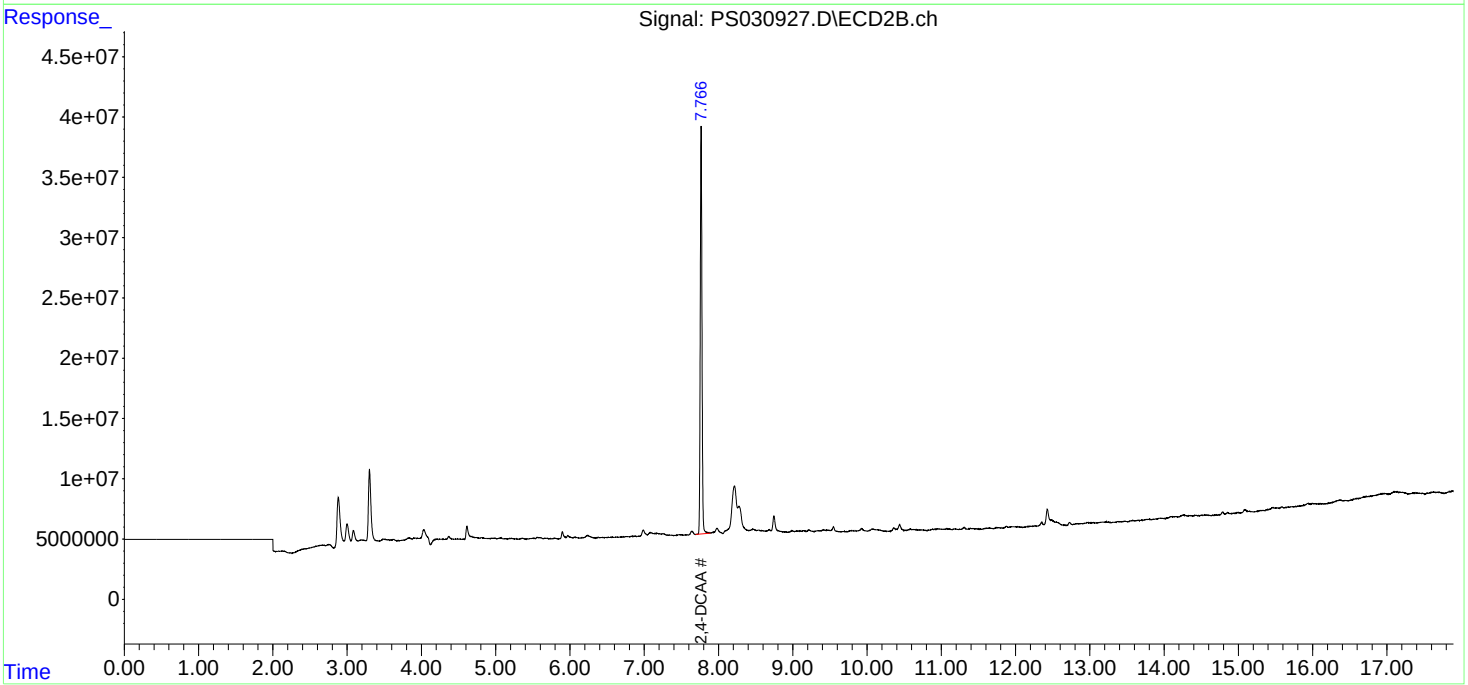
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 18:47
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

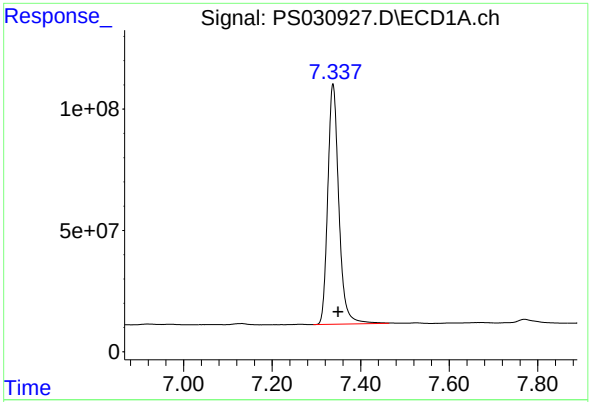
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:51:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



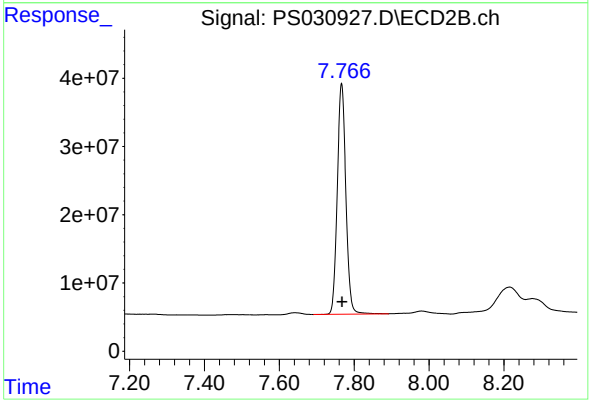




#4 2,4-DCAA

R.T.: 7.337 min
Delta R.T.: -0.012 min
Response: 1719904983
Conc: 468.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 537886274
Conc: 501.78 ng/ml

Raw Data: **PS030931.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/07/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/07/25
Client Sample ID:	PIBLK-PS030931.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-PS030931.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030931.D	1		07/07/25	PS070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	497		61 - 136	99%	SPK: 500

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_S\Data\PS070725\
Data File : PS030931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:48
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:52:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.336	7.766	1725.5E6	532.6E6	469.611	496.851
	Target Compounds						

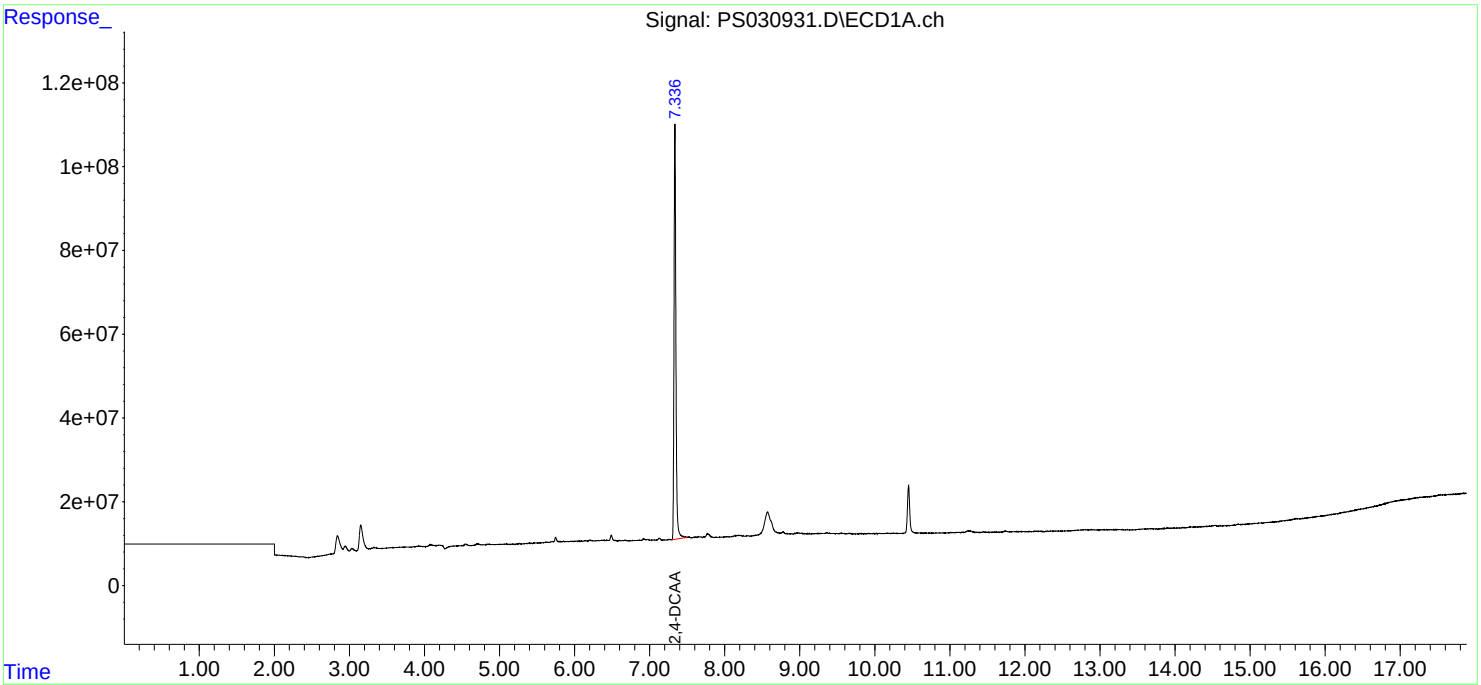
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

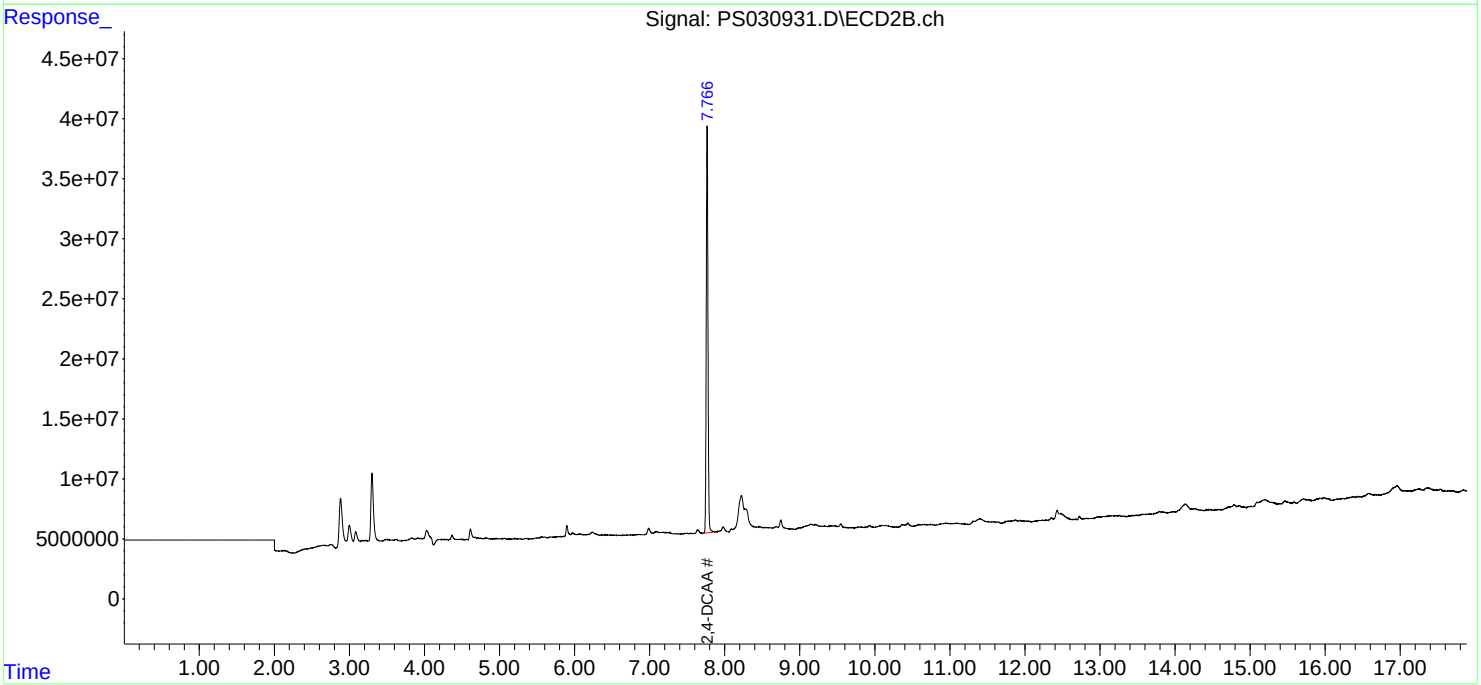
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:48
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

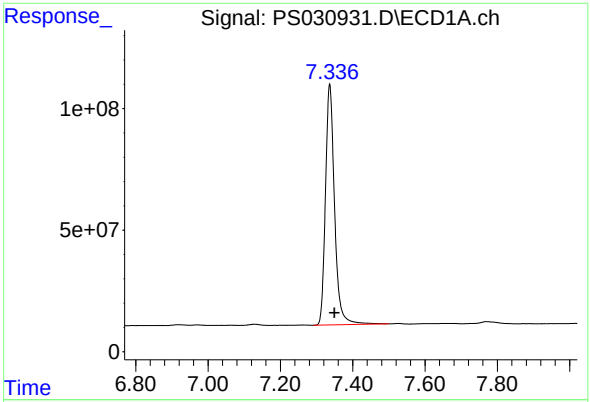
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:52:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



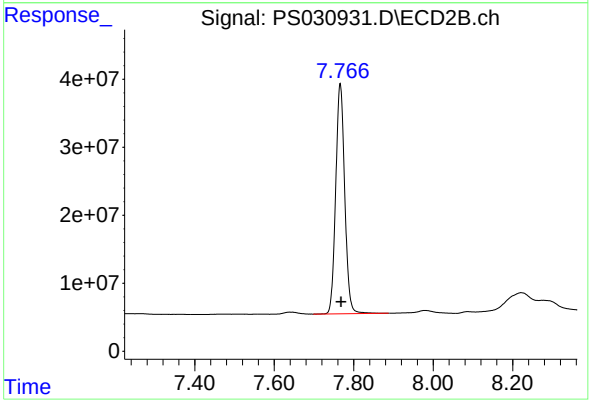




#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 1725536378
Conc: 469.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 532606126
Conc: 496.85 ng/ml

Raw Data: **PS030940.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/08/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/08/25
Client Sample ID:	PIBLK-PS030940.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-PS030940.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030940.D	1		07/08/25	PS070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	494		61 - 136	99%	SPK: 500

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_S\Data\PS070725\
Data File : PS030940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:50
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:54:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.336	7.766	1732.6E6	529.0E6	471.534	493.520
	Target Compounds						

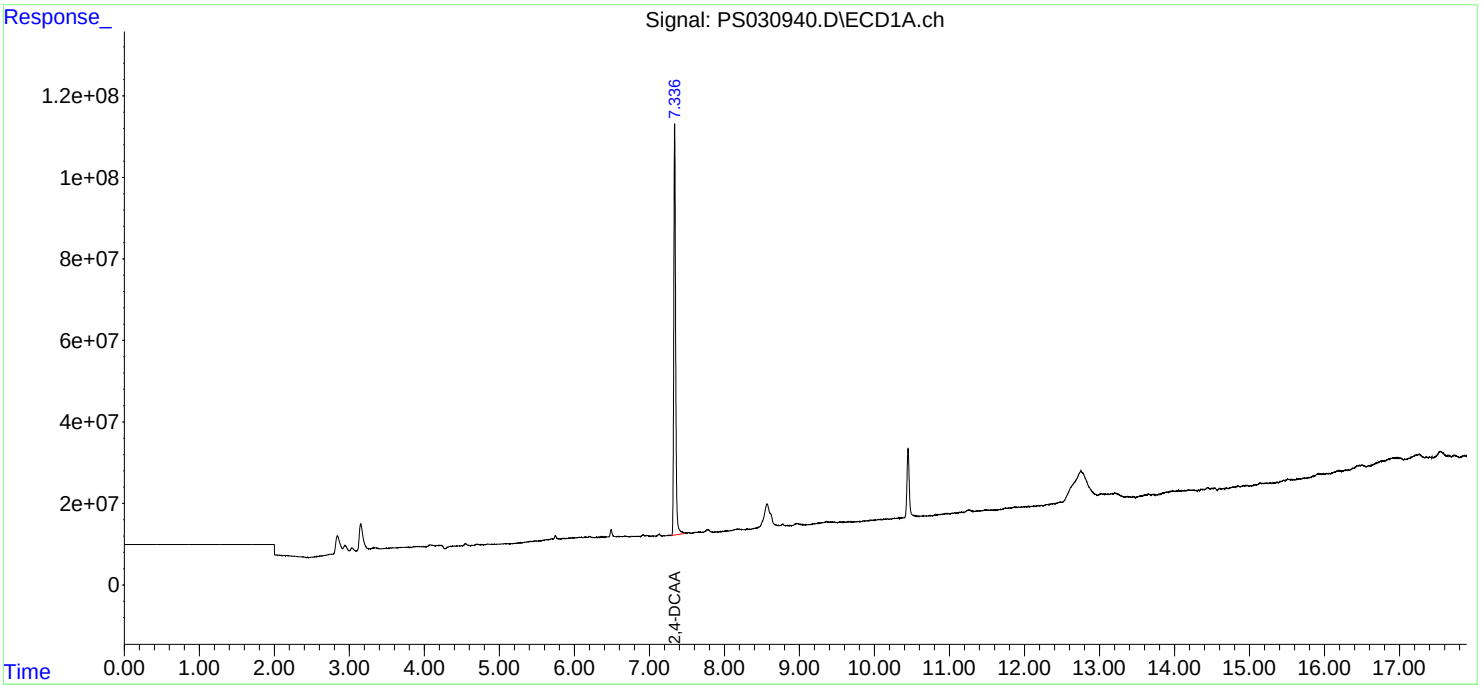
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

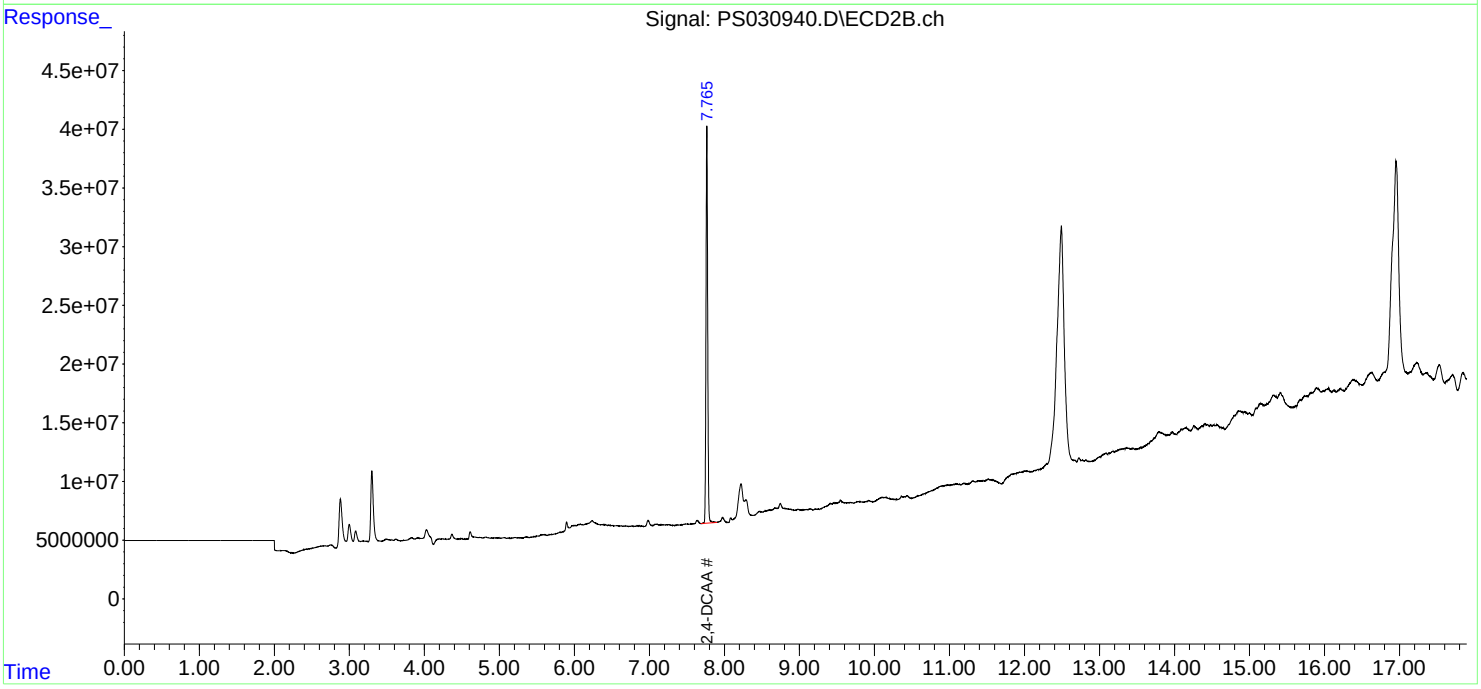
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
Data File : PS030940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:50
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

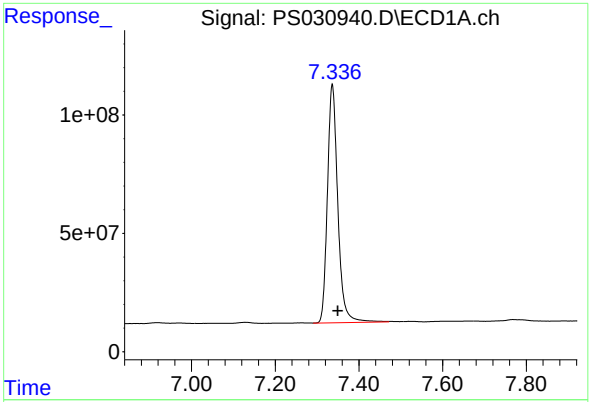
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:54:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



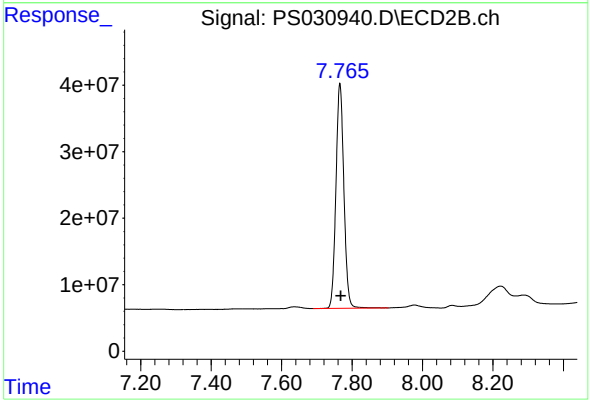




#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 1732600970
Conc: 471.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 529035257
Conc: 493.52 ng/ml

Raw Data: **PS030943.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/08/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/08/25
Client Sample ID:	PIBLK-PS030943.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-PS030943.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030943.D	1		07/08/25	PS070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	497		61 - 136	99%	SPK: 500

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_S\Data\PS070825\
Data File : PS030943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 08:37
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 12:02:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.336	7.764	1768.3E6	533.2E6	481.240	497.440
	Target Compounds						

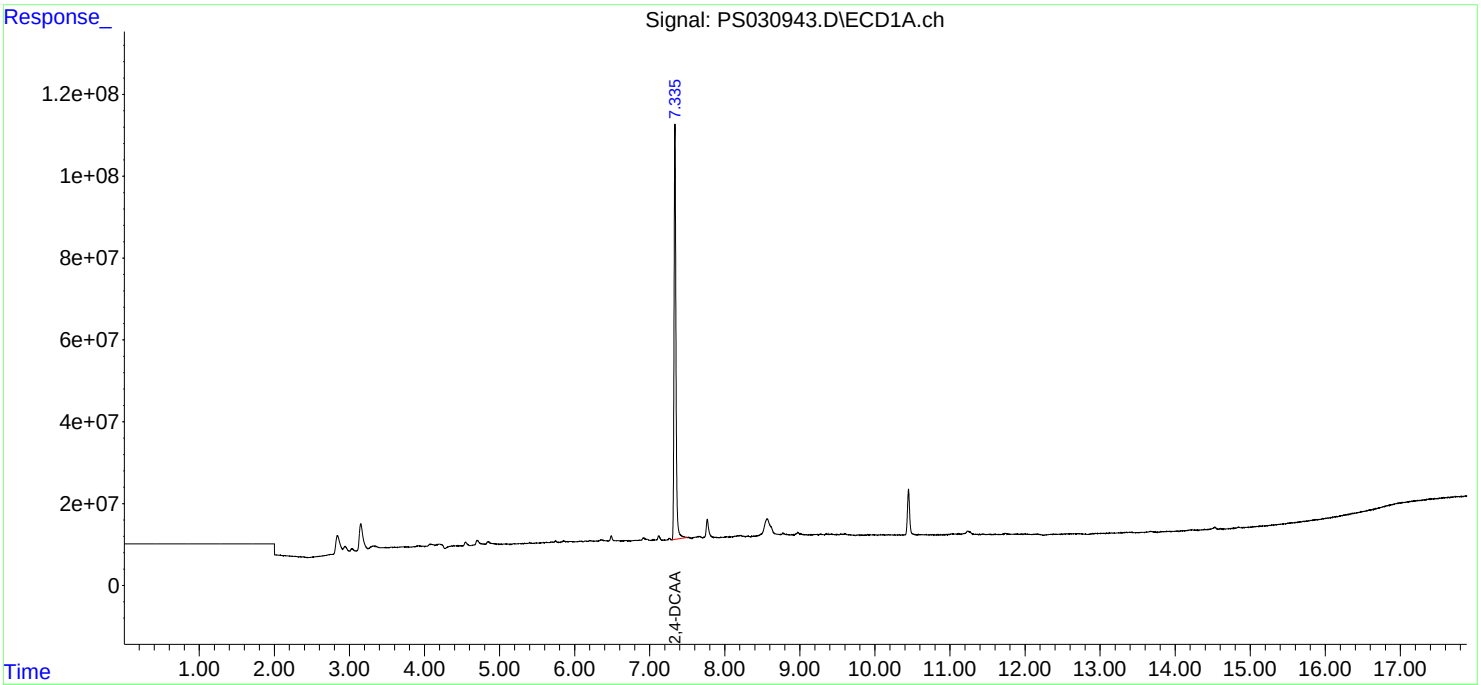
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

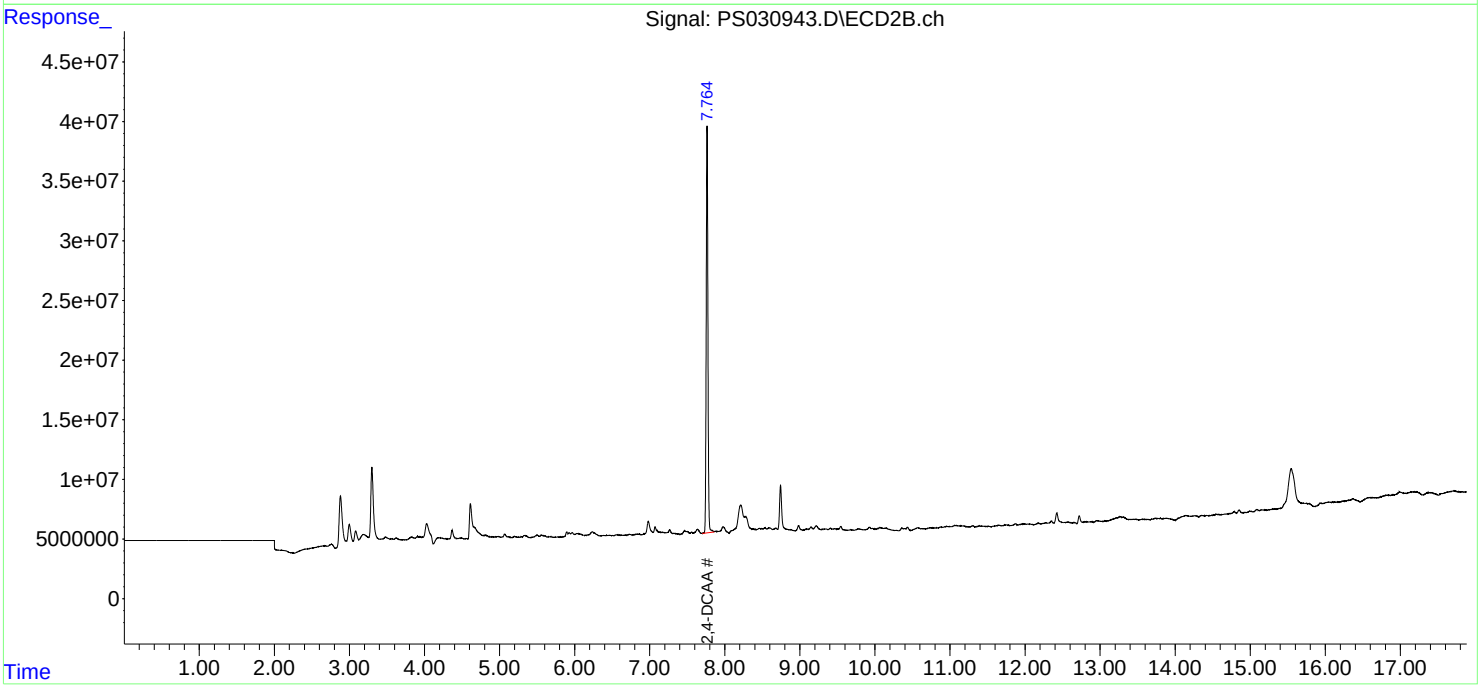
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 08:37
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

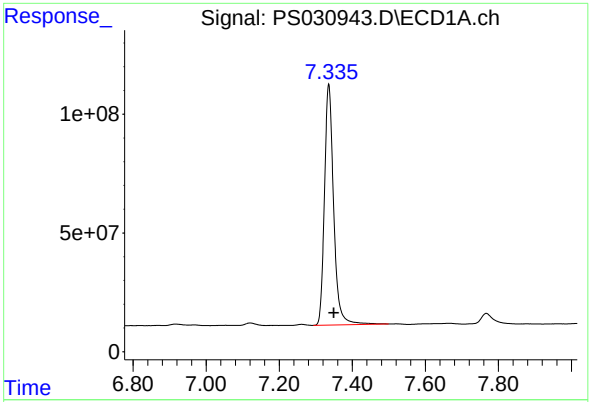
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 12:02:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



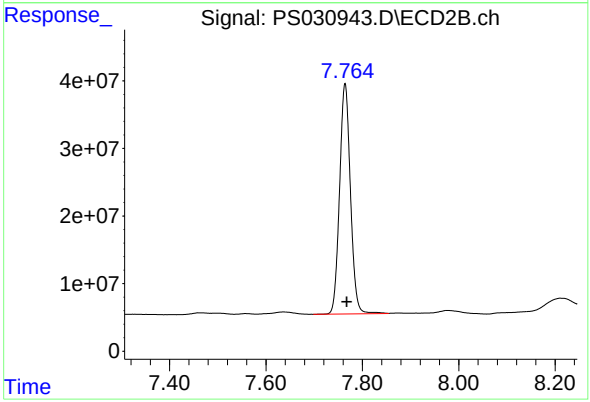




#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.014 min
Response: 1768267516
Conc: 481.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 533237384
Conc: 497.44 ng/ml

Raw Data: **PS030955.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/08/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/08/25
Client Sample ID:	PIBLK-PS030955.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-PS030955.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030955.D	1		07/08/25	ps070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	469		61 - 136	94%	SPK: 500

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_S\Data\PS070825\
Data File : PS030955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:41
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:38:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.337	7.770	1673.0E6	503.2E6	455.318	469.375
	Target Compounds						

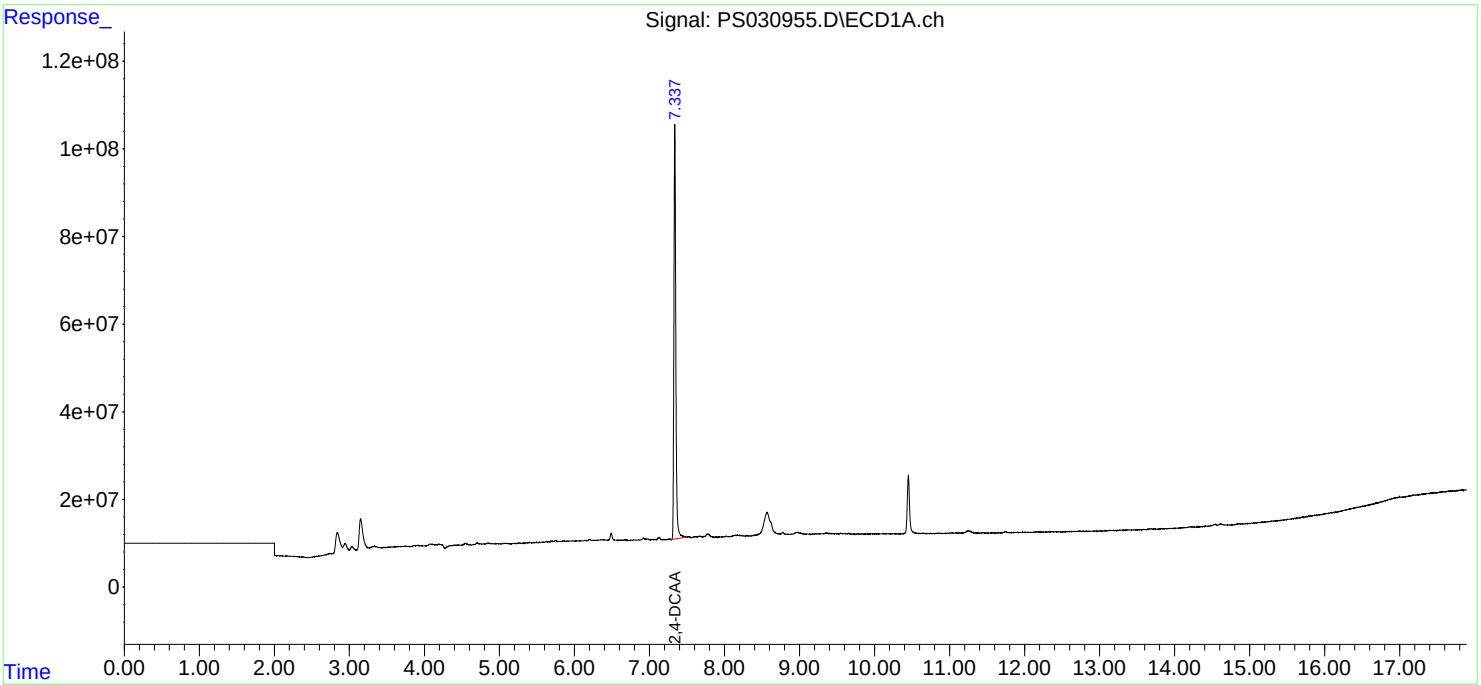
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

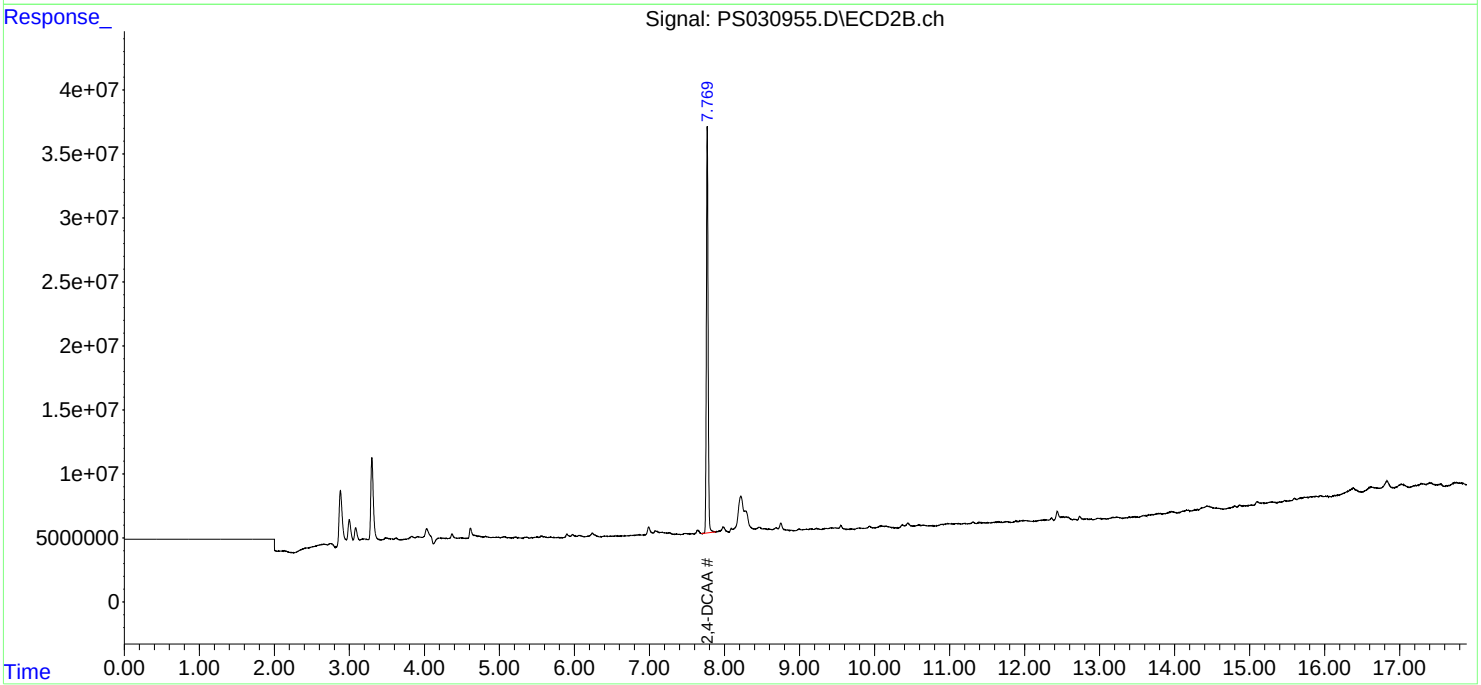
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:41
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

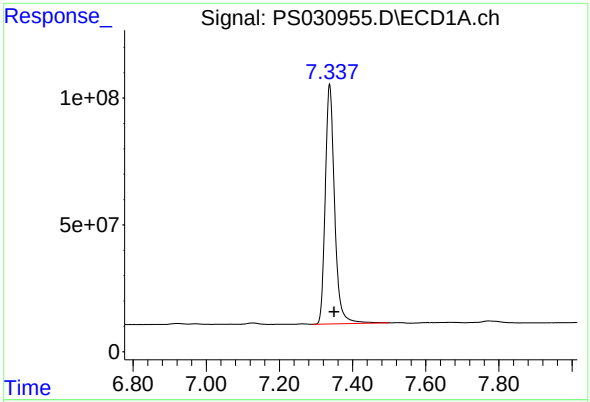
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:38:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



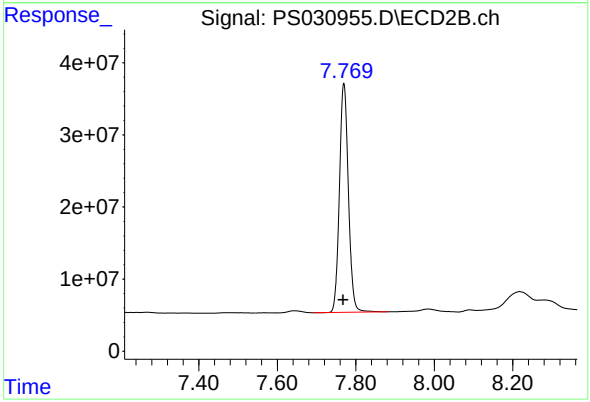




#4 2,4-DCAA

R.T.: 7.337 min
Delta R.T.: -0.012 min
Response: 1673018274
Conc: 455.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 503153070
Conc: 469.38 ng/ml

Raw Data: **PS030958.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/09/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/09/25
Client Sample ID:	PIBLK-PS030958.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-PS030958.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030958.D	1		07/09/25	PS070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	462		61 - 136	92%	SPK: 500

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_S\Data\PS070925\
Data File : PS030958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 09:32
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 14:13:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.337	7.769	1674.8E6	495.3E6	455.812	462.043
	Target Compounds						

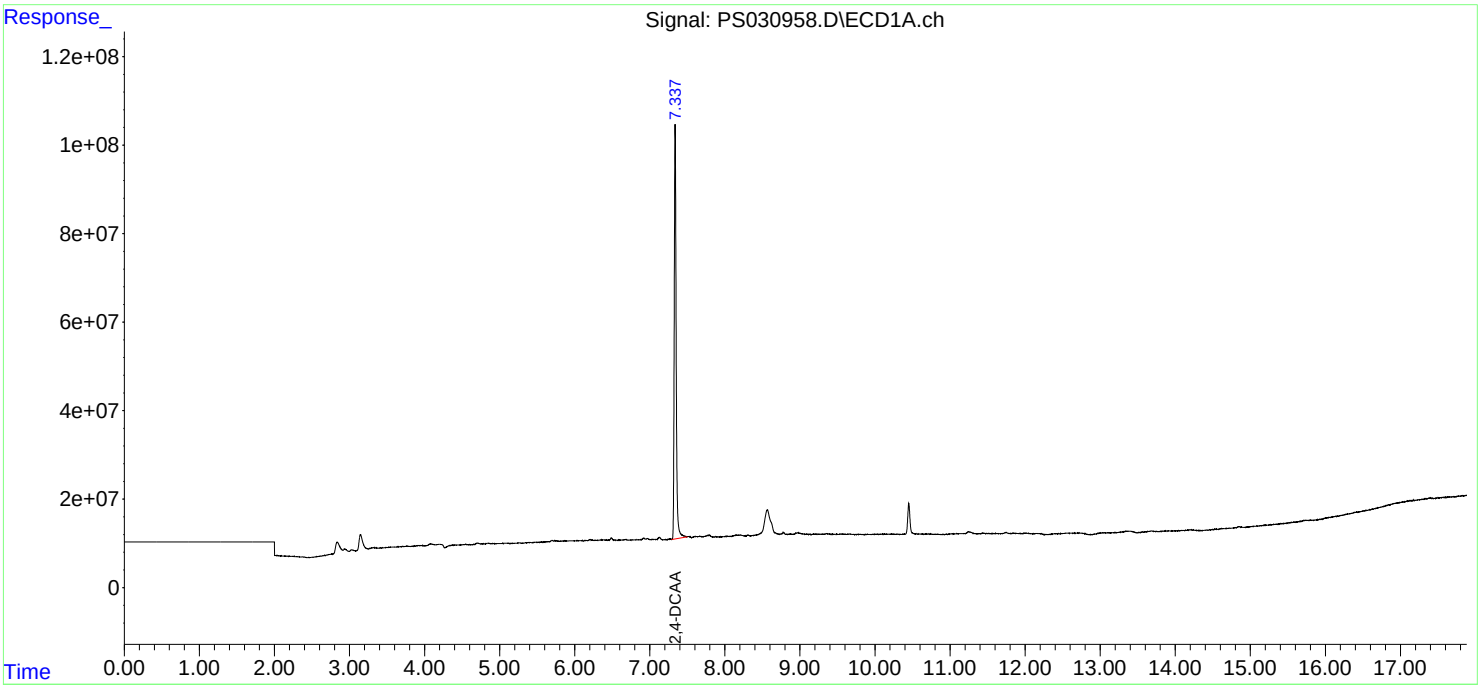
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

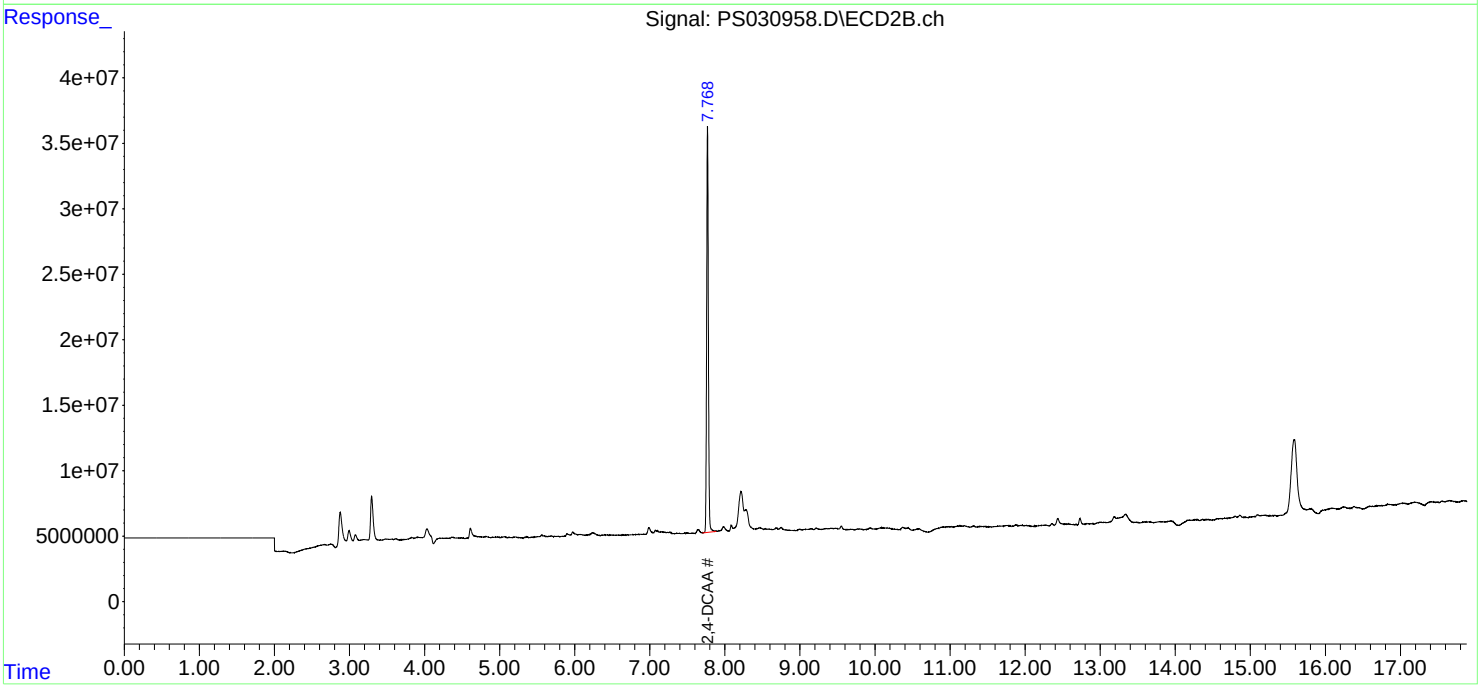
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
Data File : PS030958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 09:32
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

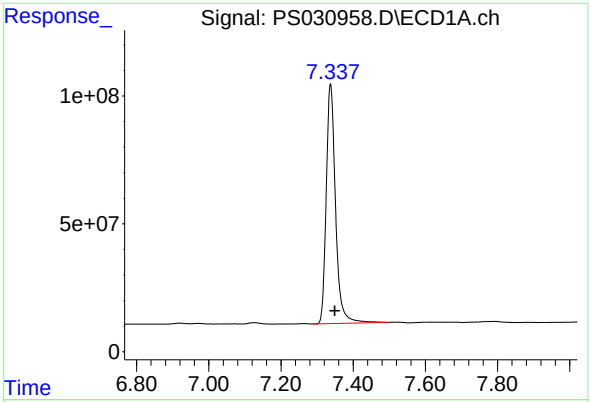
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 14:13:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



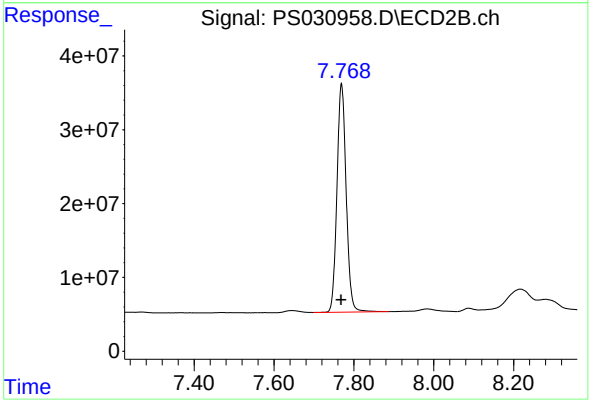




#4 2,4-DCAA

R.T.: 7.337 min
Delta R.T.: -0.012 min
Response: 1674833902
Conc: 455.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.001 min
Response: 495293715
Conc: 462.04 ng/ml

Raw Data: **PS030966.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/09/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/09/25
Client Sample ID:	PIBLK-PS030966.D	SDG No.:	Q2473
Lab Sample ID:	I.BLK-PS030966.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030966.D	1		07/09/25	ps070925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	467		61 - 136	93%	SPK: 500

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_S\Data\PS070925\
Data File : PS030966.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 14:28
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:42:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.337	7.769	1649.5E6	500.8E6	448.914	467.135
	Target Compounds						

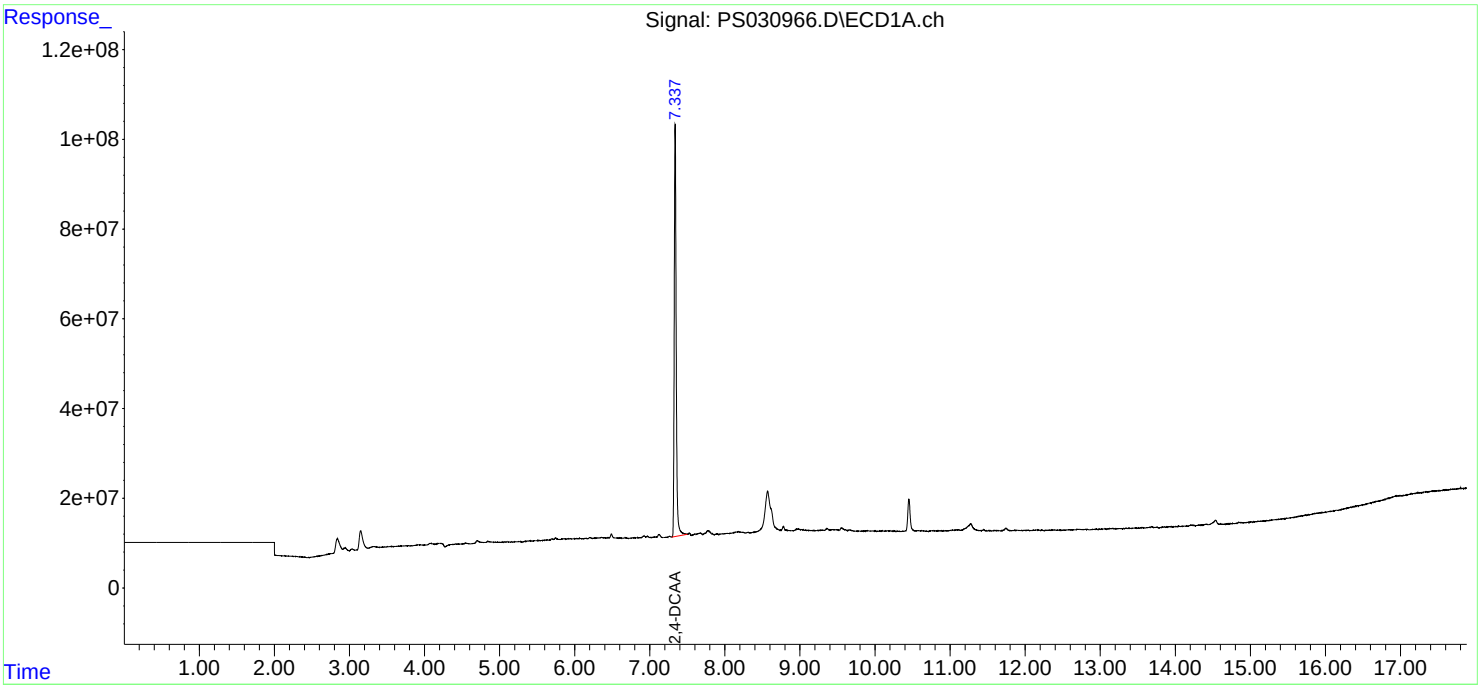
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

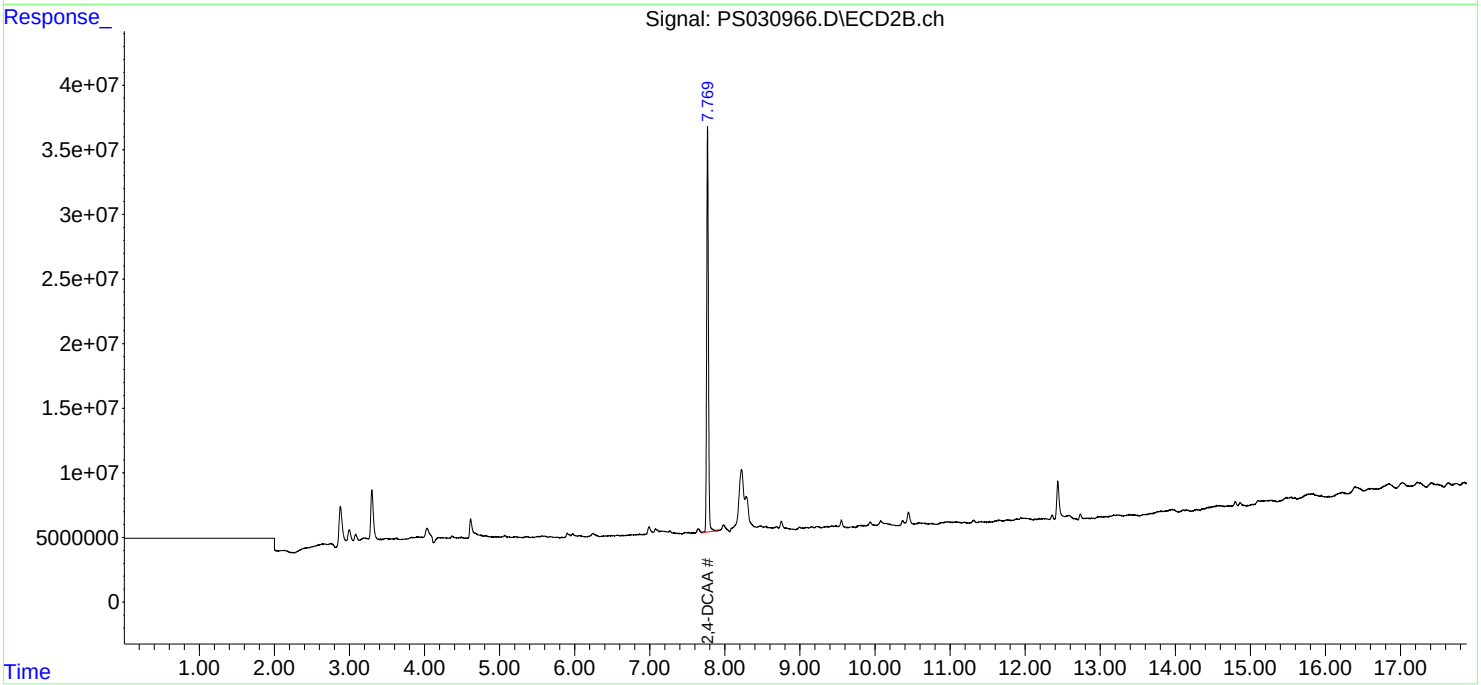
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
Data File : PS030966.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 14:28
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

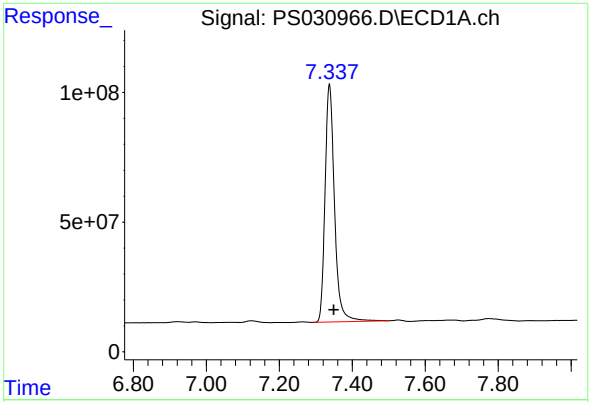
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:42:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



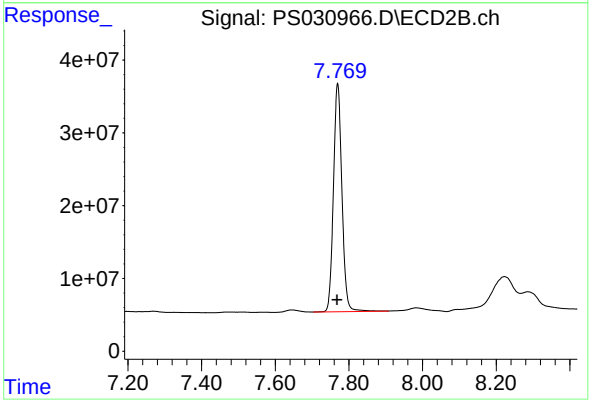




#4 2,4-DCAA

R.T.: 7.337 min
Delta R.T.: -0.012 min
Response: 1649487038
Conc: 448.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.002 min
Response: 500751864
Conc: 467.14 ng/ml

Raw Data: **PS030965.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168706BS	SDG No.:	Q2473
Lab Sample ID:	PB168706BS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030965.D	1	07/02/25 11:30	07/09/25 14:04	PB168706

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	171		7.70	66.9	ug/Kg
120-36-5	DICHLORPROP	163		12.8	66.9	ug/Kg
94-75-7	2,4-D	184		9.00	66.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	176		9.10	66.9	ug/Kg
93-76-5	2,4,5-T	183		8.70	66.9	ug/Kg
94-82-6	2,4-DB	192		24.2	66.9	ug/Kg
88-85-7	DINOSEB	170		10.8	66.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	538		10 - 141	108%	SPK: 500

Comments:

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

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

Sample Results: **PS030965.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
Data File : PS030965.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 14:04
Operator : AR\AJ
Sample : PB168706BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168706BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:42:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.338	7.769	1976.1E6	539.1E6	537.803	502.935
	Target Compounds						
1) T	Dalapon	2.705	2.710	2842.1E6	1271.5E6	476.414	463.748
2) T	3,5-DICHL...	6.499	6.714	2698.3E6	751.7E6	501.774	465.954
3) T	4-Nitroph...	7.138	7.301	760.8E6	797.5E6	482.501	460.034
5) T	DICAMBA	7.528	7.971	7825.1E6	3171.3E6	514.299m	483.933
6) T	MCPP	7.708	8.069	470.5E6	103.1E6	50.113m	49.169
7) T	MCPA	7.858	8.318	570.1E6	151.0E6	48.598	47.990
8) T	DICHLORPROP	8.240	8.692	1831.7E6	748.5E6	488.999	475.997
9) T	2,4-D	8.473	9.029	1907.3E6	779.3E6	553.725	458.577
10) T	Pentachlo...	8.780	9.552	28153.5E6	19436.0E6	531.947	509.835
11) T	2,4,5-TP ...	9.360	9.934	10594.6E6	7233.7E6	528.924	501.339
12) T	2,4,5-T	9.654	10.361	9044.7E6	6866.3E6	549.727	502.491
13) T	2,4-DB	10.233	10.928	1319.8E6	572.4E6	575.468	483.881m
14) T	DINOSEB	11.448	11.314	7063.2E6	5014.6E6	509.124m	465.121
15) T	Picloram	11.262	12.425	8654.5E6	11239.7E6	538.344m	483.606
16) T	DCPA	11.745	12.359	14175.4E6	11251.4E6	553.375m	510.434

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
Data File : PS030965.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 14:04
Operator : AR\AJ
Sample : PB168706BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

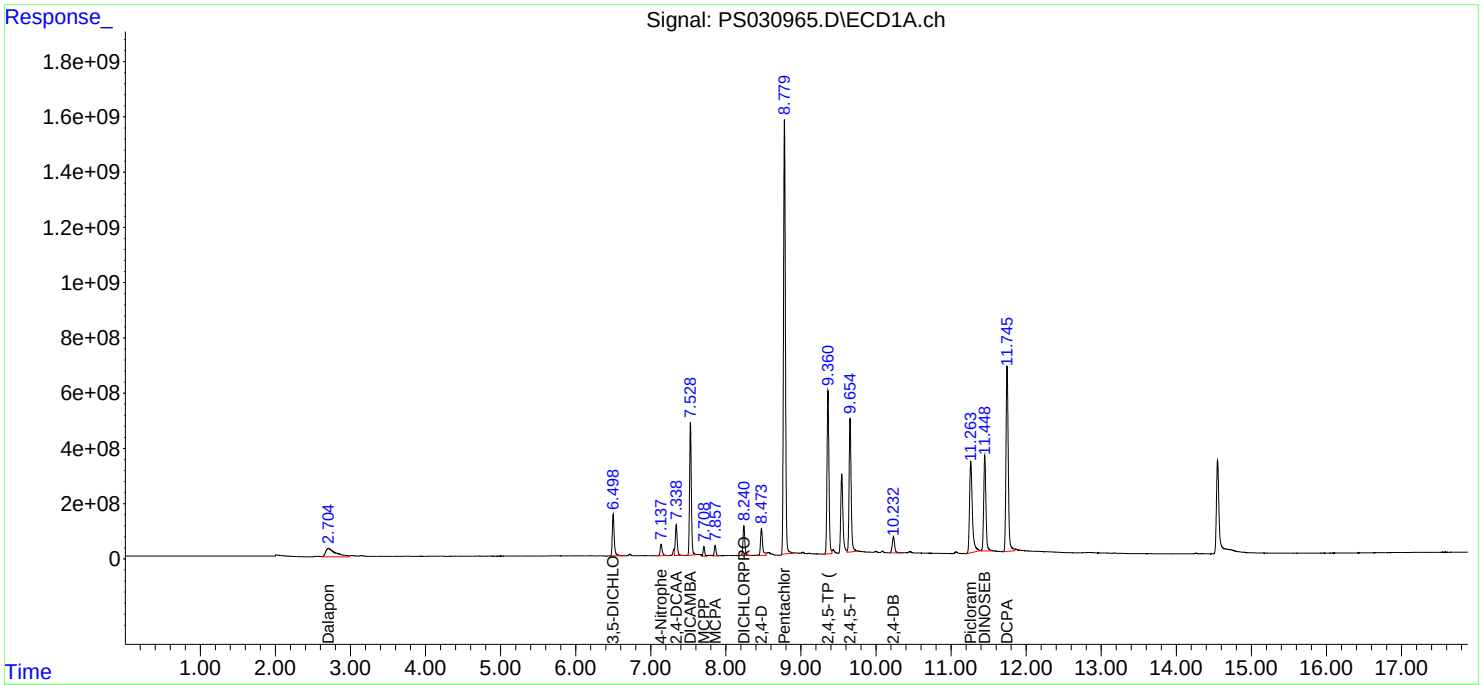
Instrument :
ECD_S
ClientSampleId :
PB168706BS

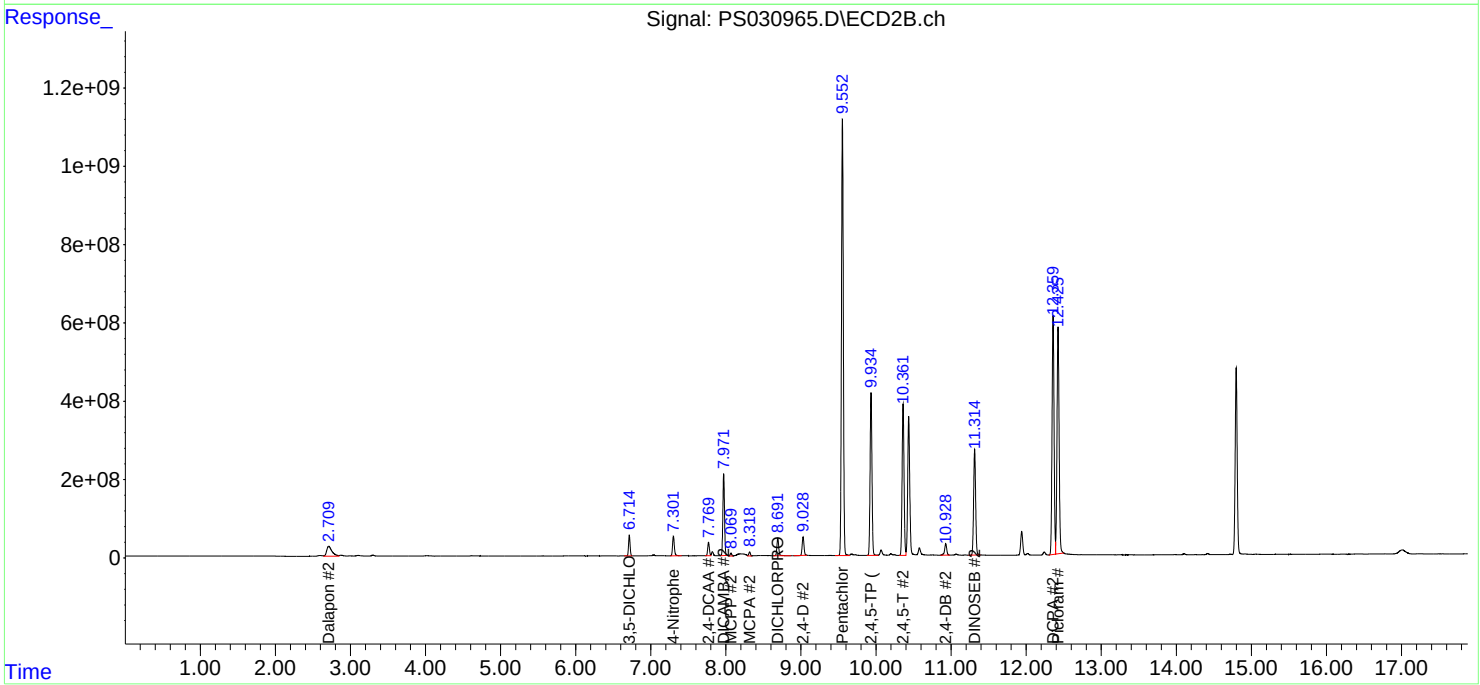
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:42:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030949.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	06/26/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	06/27/25
Client Sample ID:	TP-76MS	SDG No.:	Q2473
Lab Sample ID:	Q2458-01MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	90.6 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030949.D	1	07/02/25 11:30	07/08/25 13:07	PB168706

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	86.9		8.50	73.7	ug/Kg
120-36-5	DICHLORPROP	103		14.1	73.7	ug/Kg
94-75-7	2,4-D	138		9.90	73.7	ug/Kg
93-72-1	2,4,5-TP (Silvex)	97.3		10.0	73.7	ug/Kg
93-76-5	2,4,5-T	99.8		9.60	73.7	ug/Kg
94-82-6	2,4-DB	97.1		26.6	73.7	ug/Kg
88-85-7	DINOSEB	11.9	U	11.9	73.7	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	375		10 - 141	75%	SPK: 500

Comments:

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

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

Sample Results: **PS030949.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 13:07
Operator : AR\AJ
Sample : Q2458-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-76MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:36:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.336	7.771	1252.9E6	402.1E6	340.978	375.151
		Target Compounds						
1)	T	Dalapon	2.697	2.703	676.3E6	580.4E6	113.359m	211.705m#
2)	T	3,5-DICHL...	6.498	6.715	1345.2E6	423.0E6	250.142	262.203m
3)	T	4-Nitroph...	7.141	7.323	72758216	236.0E6	46.144	136.166 #
5)	T	DICAMBA	7.527	7.972	3606.5E6	1515.6E6	237.034	231.278m
6)	T	MCPP	7.705	8.070	176.2E6	53704077	18.764m	25.606m#
7)	T	MCPA	7.856	8.314	255.6E6	71591385	21.793	22.758
8)	T	DICHLORPROP	8.240	8.691	976.5E6	442.2E6	260.702	281.206m
9)	T	2,4-D	8.472	9.028	1293.2E6	437.1E6	375.442	257.231m#
10)	T	Pentachlo...	8.779	9.553	13614.7E6	9513.9E6	257.243	249.564
11)	T	2,4,5-TP ...	9.360	9.934	5205.9E6	3825.9E6	259.900	265.158m
12)	T	2,4,5-T	9.654	10.361	4477.3E6	3391.8E6	272.125	248.215m
13)	T	2,4-DB	10.233	10.928	607.0E6	274.4E6	264.642m	231.987m
15)	T	Picloram	11.259	12.424	4623.4E6	5026.6E6	287.594m	216.277
16)	T	DCPA	11.743	12.359	5532.3E6	5552.7E6	215.966	251.904m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 13:07
Operator : AR\AJ
Sample : Q2458-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

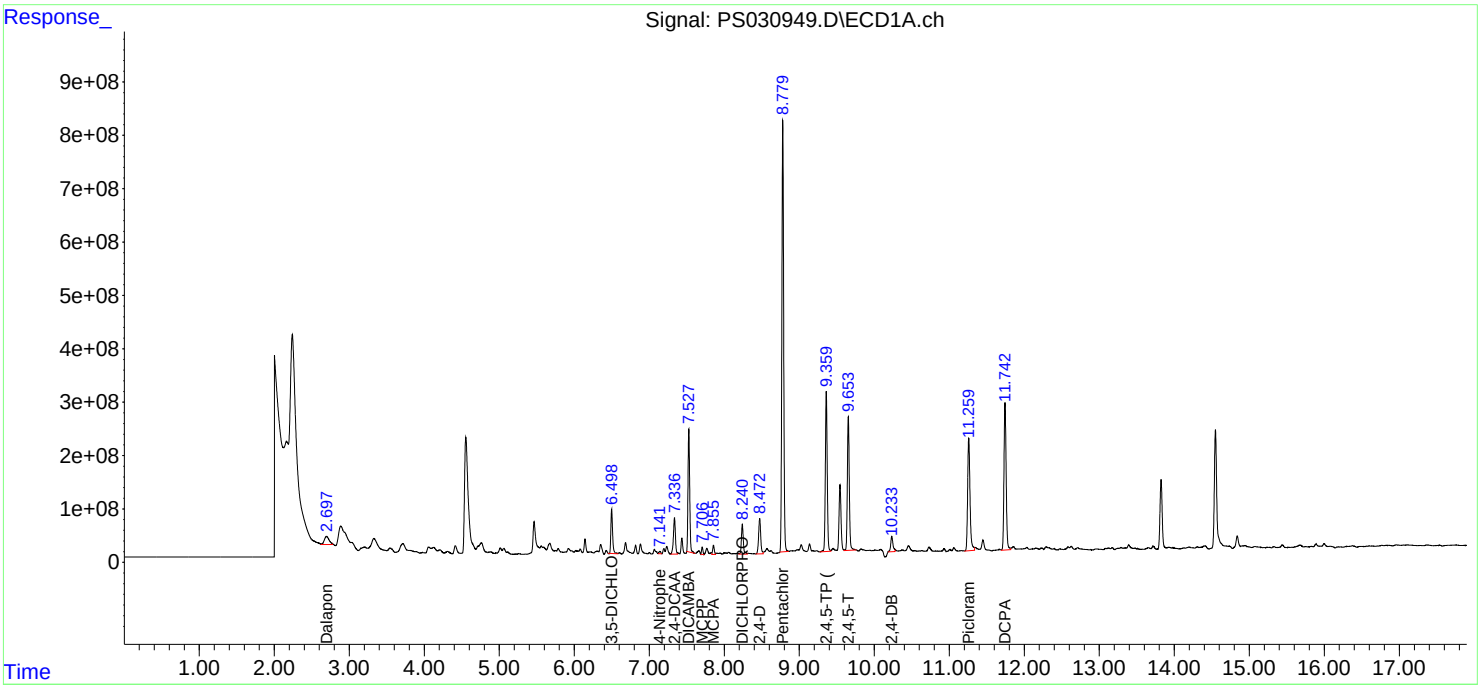
Instrument :
ECD_S
ClientSampleId :
TP-76MS

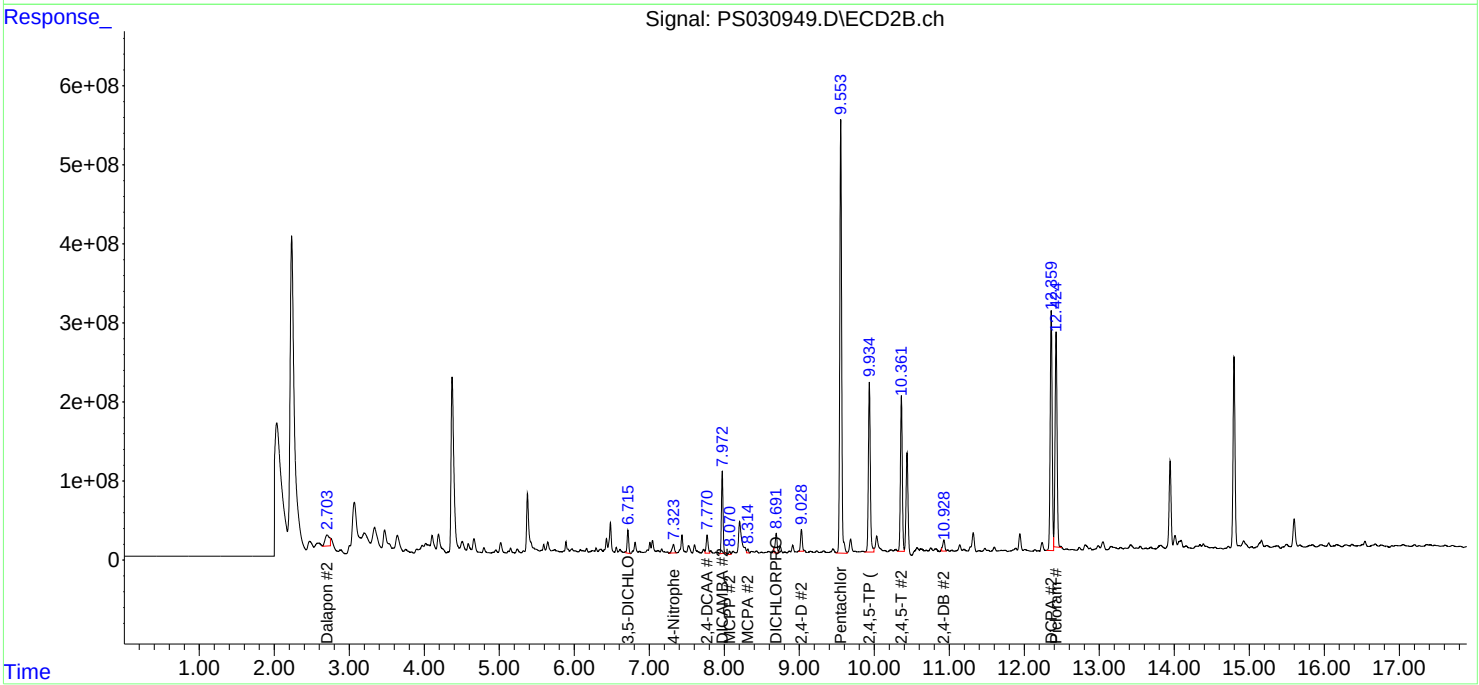
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:36:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PS030950.D**

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	06/26/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	06/27/25
Client Sample ID:	TP-76MSD	SDG No.:	Q2473
Lab Sample ID:	Q2458-01MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	90.6 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030950.D	1	07/02/25 11:30	07/08/25 13:32	PB168706

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	88.8		8.50	73.8	ug/Kg
120-36-5	DICHLORPROP	99.3		14.1	73.8	ug/Kg
94-75-7	2,4-D	139		10.0	73.8	ug/Kg
93-72-1	2,4,5-TP (Silvex)	96.8		10.0	73.8	ug/Kg
93-76-5	2,4,5-T	101		9.60	73.8	ug/Kg
94-82-6	2,4-DB	98.8		26.7	73.8	ug/Kg
88-85-7	DINOSEB	11.9	U	11.9	73.8	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	378		10 - 141	76%	SPK: 500

Comments:

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

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

Sample Results: **PS030950.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 13:32
Operator : AR\AJ
Sample : Q2458-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-76MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:36:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.337	7.772	1274.8E6	404.8E6	346.952	377.643
		Target Compounds						
1)	T	Dalapon	2.697	2.706	595.0E6	529.0E6	99.731m	192.943m#
2)	T	3,5-DICHL...	6.499	6.716	1336.7E6	429.2E6	248.580m	266.054m
3)	T	4-Nitroph...	7.142	7.324	79389507	242.2E6	50.350	139.717 #
5)	T	DICAMBA	7.529	7.973	3678.9E6	1539.8E6	241.793	234.969m
6)	T	MCPP	7.706	8.071	180.6E6	50537179	19.235m	24.096m#
7)	T	MCPA	7.857	8.316	228.9E6	71995190	19.511	22.887
8)	T	DICHLORPROP	8.241	8.692	969.5E6	425.1E6	258.832	270.361m
9)	T	2,4-D	8.472	9.029	1301.2E6	441.4E6	377.776	259.719m#
10)	T	Pentachlo...	8.780	9.554	13643.8E6	9535.6E6	257.794	250.134
11)	T	2,4,5-TP ...	9.360	9.935	5233.5E6	3803.1E6	261.278	263.580m
12)	T	2,4,5-T	9.655	10.361	4526.5E6	3365.6E6	275.114	246.303m
13)	T	2,4-DB	10.233	10.928	596.4E6	318.3E6	260.042m	269.076m
15)	T	Picloram	11.260	12.424	4590.9E6	4975.6E6	285.575m	214.081 #
16)	T	DCPA	11.744	12.359	5529.6E6	5513.1E6	215.864	250.107m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
Data File : PS030950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 13:32
Operator : AR\AJ
Sample : Q2458-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

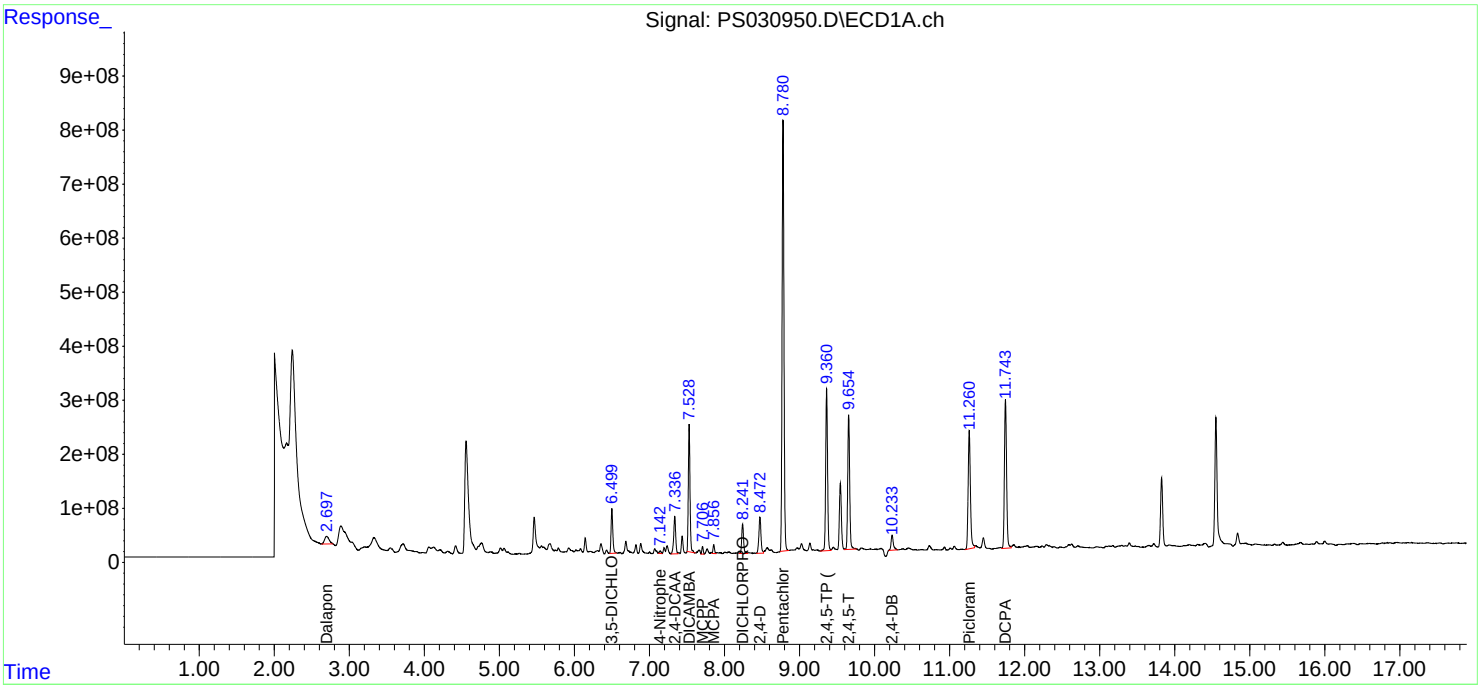
Instrument :
ECD_S
ClientSampleId :
TP-76MSD

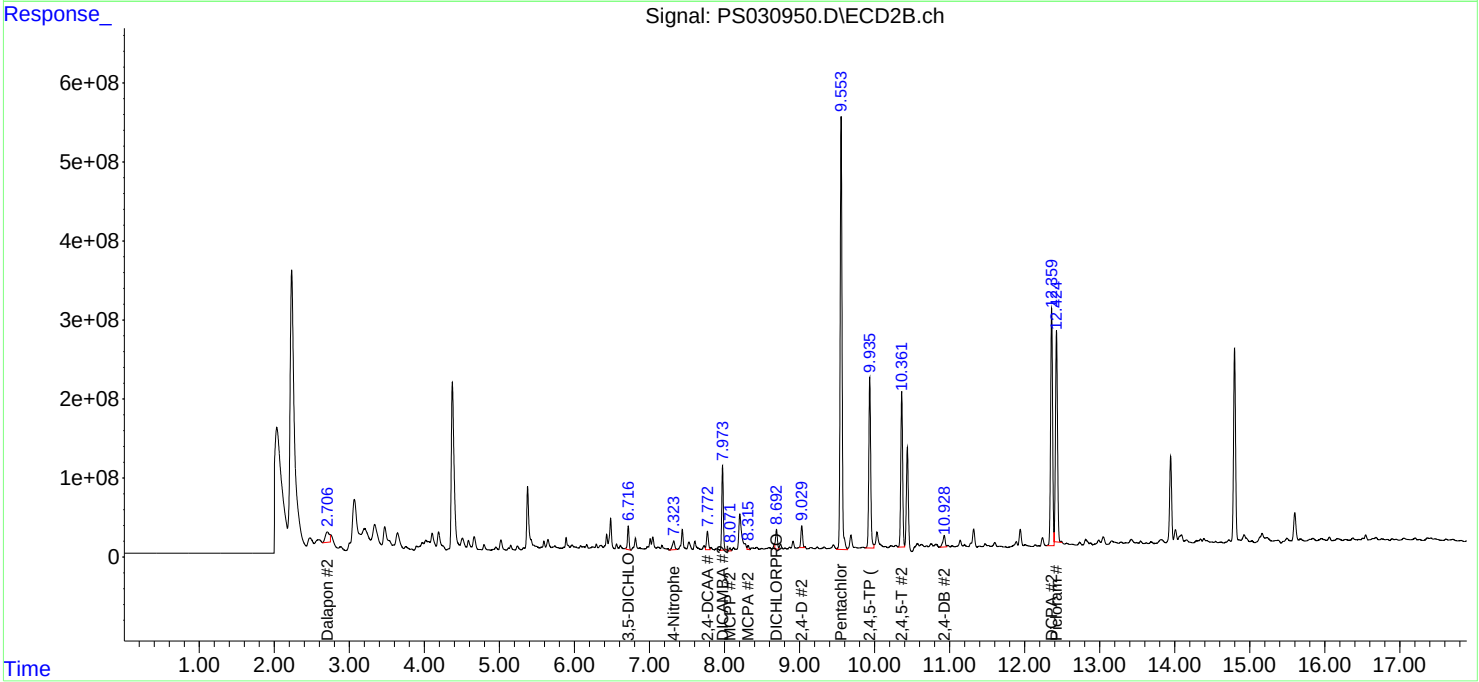
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:36:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm





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

Manual Integration Report

Sequence:	PS061825	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS030739.D	Dalapon	Abdul	6/19/2025 8:24:10 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software
HSTDICC750	PS030741.D	2,4-DCAA	Abdul	6/19/2025 8:24:14 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software
HSTDICC1000	PS030742.D	2,4-DCAA	Abdul	6/19/2025 8:24:17 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software
HSTDICC1500	PS030743.D	2,4-DCAA	Abdul	6/19/2025 8:24:22 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software
HSTDICC1500	PS030743.D	Pentachlorophenol	Abdul	6/19/2025 8:24:22 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software
HSTDICV750	PS030744.D	2,4-DCAA	Abdul	6/19/2025 8:24:26 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software
HSTDCCC750	PS030746.D	2,4-DCAA	Abdul	6/20/2025 8:24:58 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software
HSTDCCC750	PS030746.D	DCPA #2	Abdul	6/20/2025 8:24:58 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software
HSTDCCC750	PS030750.D	2,4-D #2	Abdul	6/20/2025 8:25:02 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software
HSTDCCC750	PS030750.D	DCPA #2	Abdul	6/20/2025 8:25:02 AM	mohammad	6/20/2025 8:27:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	PS070725	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030917.D	2,4-DB	Abdul	7/8/2025 4:21:48 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030917.D	2,4-DCAA	Abdul	7/8/2025 4:21:48 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030917.D	DCPA #2	Abdul	7/8/2025 4:21:48 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030917.D	DICAMBA	Abdul	7/8/2025 4:21:48 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030917.D	DINOSEB	Abdul	7/8/2025 4:21:48 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030917.D	MCPP	Abdul	7/8/2025 4:21:48 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030917.D	Picloram	Abdul	7/8/2025 4:21:48 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030928.D	2,4-DCAA	Abdul	7/8/2025 4:22:12 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030928.D	DCPA #2	Abdul	7/8/2025 4:22:12 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030928.D	DICAMBA	Abdul	7/8/2025 4:22:12 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030928.D	DINOSEB	Abdul	7/8/2025 4:22:12 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030928.D	MCPP	Abdul	7/8/2025 4:22:12 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030928.D	Picloram	Abdul	7/8/2025 4:22:12 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software

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Manual Integration Report

Sequence:	PS070725	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2473-03	PS030930.D	2,4-DCAA	Abdul	7/8/2025 4:22:16 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
Q2473-03	PS030930.D	2,4-DCAA #2	Abdul	7/8/2025 4:22:16 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030932.D	2,4-DB	Abdul	7/8/2025 4:22:21 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030932.D	2,4-DCAA	Abdul	7/8/2025 4:22:21 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030932.D	DCPA #2	Abdul	7/8/2025 4:22:21 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030932.D	DICAMBA	Abdul	7/8/2025 4:22:21 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030932.D	DINOSEB	Abdul	7/8/2025 4:22:21 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030932.D	MCPP	Abdul	7/8/2025 4:22:21 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030932.D	Picloram	Abdul	7/8/2025 4:22:21 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030941.D	2,4-DB	Abdul	7/8/2025 4:23:39 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030941.D	2,4-DCAA	Abdul	7/8/2025 4:23:39 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030941.D	DCPA #2	Abdul	7/8/2025 4:23:39 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030941.D	DICAMBA	Abdul	7/8/2025 4:23:39 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software

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Manual Integration Report

Sequence:	PS070725	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030941.D	DINOSEB	Abdul	7/8/2025 4:23:39 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030941.D	MCPP	Abdul	7/8/2025 4:23:39 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software
HSTDCCC750	PS030941.D	Picloram	Abdul	7/8/2025 4:23:39 PM	mohammad	7/10/2025 2:03:24	Peak Integrated by Software

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Manual Integration Report

Sequence:	PS070925	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168706BS	PS030965.D	2,4-DB #2	Abdul	7/10/2025 8:21:52 AM	mohammad	7/11/2025 1:36:44	Peak Integrated by Software
PB168706BS	PS030965.D	DCPA	Abdul	7/10/2025 8:21:52 AM	mohammad	7/11/2025 1:36:44	Peak Integrated by Software
PB168706BS	PS030965.D	DICAMBA	Abdul	7/10/2025 8:21:52 AM	mohammad	7/11/2025 1:36:44	Peak Integrated by Software
PB168706BS	PS030965.D	DINOSEB	Abdul	7/10/2025 8:21:52 AM	mohammad	7/11/2025 1:36:44	Peak Integrated by Software
PB168706BS	PS030965.D	MCPP	Abdul	7/10/2025 8:21:52 AM	mohammad	7/11/2025 1:36:44	Peak Integrated by Software
PB168706BS	PS030965.D	Picloram	Abdul	7/10/2025 8:21:52 AM	mohammad	7/11/2025 1:36:44	Peak Integrated by Software

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS061825

Review By	Abdul	Review On	6/19/2025 8:25:06 AM		
Supervise By	mohammad	Supervise On	6/20/2025 8:27:44 AM		
SubDirectory	PS061825	HP Acquire Method		HP Processing Method	PS061825 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030737.D	18 Jun 2025 10:37	AR\AJ	Ok
2	I.BLK	PS030738.D	18 Jun 2025 11:01	AR\AJ	Ok
3	HSTDICC200	PS030739.D	18 Jun 2025 11:25	AR\AJ	Ok,M
4	HSTDICC500	PS030740.D	18 Jun 2025 11:49	AR\AJ	Ok
5	HSTDICC750	PS030741.D	18 Jun 2025 12:13	AR\AJ	Ok,M
6	HSTDICC1000	PS030742.D	18 Jun 2025 12:37	AR\AJ	Ok,M
7	HSTDICC1500	PS030743.D	18 Jun 2025 13:29	AR\AJ	Ok,M
8	HSTDICV750	PS030744.D	18 Jun 2025 14:18	AR\AJ	Ok,M
9	I.BLK	PS030745.D	18 Jun 2025 14:44	AR\AJ	Ok
10	HSTDCCC750	PS030746.D	18 Jun 2025 15:08	AR\AJ	Ok,M
11	Q2312-01MS	PS030747.D	18 Jun 2025 17:07	AR\AJ	Ok,M
12	Q2312-01MSD	PS030748.D	18 Jun 2025 17:31	AR\AJ	Ok,M
13	I.BLK	PS030749.D	18 Jun 2025 17:55	AR\AJ	Ok
14	HSTDCCC750	PS030750.D	18 Jun 2025 18:19	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS070725

Review By	Abdul	Review On	7/8/2025 4:24:01 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:24 AM		
SubDirectory	PS070725	HP Acquire Method		HP Processing Method	ps061825 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030915.D	07 Jul 2025 09:13	AR\AJ	Ok
2	I.BLK	PS030916.D	07 Jul 2025 09:37	AR\AJ	Ok
3	HSTDCCC750	PS030917.D	07 Jul 2025 10:01	AR\AJ	Ok,M
4	Q2458-02	PS030918.D	07 Jul 2025 10:37	AR\AJ	Ok,M
5	Q2458-03	PS030919.D	07 Jul 2025 11:01	AR\AJ	Ok
6	Q2458-04	PS030920.D	07 Jul 2025 11:26	AR\AJ	Ok
7	Q2458-05	PS030921.D	07 Jul 2025 11:50	AR\AJ	Ok,M
8	Q2458-06	PS030922.D	07 Jul 2025 12:14	AR\AJ	Ok,M
9	Q2458-07	PS030923.D	07 Jul 2025 12:38	AR\AJ	Ok
10	Q2458-08	PS030924.D	07 Jul 2025 13:02	AR\AJ	Ok,M
11	Q2458-09	PS030925.D	07 Jul 2025 13:27	AR\AJ	Ok,M
12	Q2473-01	PS030926.D	07 Jul 2025 15:27	AR\AJ	Ok
13	I.BLK	PS030927.D	07 Jul 2025 18:47	AR\AJ	Ok
14	HSTDCCC750	PS030928.D	07 Jul 2025 19:11	AR\AJ	Ok,M
15	Q2473-02	PS030929.D	07 Jul 2025 19:59	AR\AJ	Ok
16	Q2473-03	PS030930.D	07 Jul 2025 20:24	AR\AJ	Ok,M
17	I.BLK	PS030931.D	07 Jul 2025 20:48	AR\AJ	Ok
18	HSTDCCC750	PS030932.D	07 Jul 2025 21:36	AR\AJ	Ok,M
19	Q2473-04	PS030933.D	07 Jul 2025 22:00	AR\AJ	Ok
20	Q2484-01	PS030934.D	07 Jul 2025 22:25	AR\AJ	Ok,M
21	Q2484-02	PS030935.D	07 Jul 2025 22:49	AR\AJ	Ok,M

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS070725

Review By	Abdul	Review On	7/8/2025 4:24:01 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:24 AM		
SubDirectory	PS070725	HP Acquire Method		HP Processing Method	ps061825 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2484-03	PS030936.D	07 Jul 2025 23:13	AR\AJ	Not Ok
23	Q2484-04	PS030937.D	07 Jul 2025 23:37	AR\AJ	Ok
24	Q2484-05	PS030938.D	08 Jul 2025 00:01	AR\AJ	Ok
25	Q2484-06	PS030939.D	08 Jul 2025 00:25	AR\AJ	Ok,M
26	I.BLK	PS030940.D	08 Jul 2025 00:50	AR\AJ	Ok
27	HSTDCCC750	PS030941.D	08 Jul 2025 01:38	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS070925

Review By	Abdul	Review On	7/10/2025 8:22:37 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:36:44 AM		
SubDirectory	PS070925	HP Acquire Method		HP Processing Method	ps061825 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030957.D	09 Jul 2025 09:08	AR\AJ	Ok
2	I.BLK	PS030958.D	09 Jul 2025 09:32	AR\AJ	Ok
3	HSTDCCC750	PS030959.D	09 Jul 2025 11:36	AR\AJ	Ok,NR
4	Q2493-01	PS030960.D	09 Jul 2025 12:00	AR\AJ	Ok
5	Q2493-01MS	PS030961.D	09 Jul 2025 12:24	AR\AJ	Not Ok
6	Q2493-01MSD	PS030962.D	09 Jul 2025 12:48	AR\AJ	Not Ok
7	PB168753BL	PS030963.D	09 Jul 2025 13:12	AR\AJ	Ok
8	PB168753BS	PS030964.D	09 Jul 2025 13:36	AR\AJ	Ok,M
9	PB168706BS	PS030965.D	09 Jul 2025 14:04	AR\AJ	Ok,M
10	I.BLK	PS030966.D	09 Jul 2025 14:28	AR\AJ	Ok
11	HSTDCCC750	PS030967.D	09 Jul 2025 14:52	AR\AJ	Ok,NR
12	Q2487-09	PS030968.D	09 Jul 2025 15:17	AR\AJ	ReRun
13	Q2487-10	PS030969.D	09 Jul 2025 15:41	AR\AJ	Ok
14	Q2487-11	PS030970.D	09 Jul 2025 16:05	AR\AJ	ReRun
15	Q2487-12	PS030971.D	09 Jul 2025 16:29	AR\AJ	Ok,M
16	Q2487-13	PS030972.D	09 Jul 2025 16:53	AR\AJ	Ok
17	Q2487-14	PS030973.D	09 Jul 2025 17:17	AR\AJ	Not Ok
18	Q2487-15	PS030974.D	09 Jul 2025 17:42	AR\AJ	Not Ok
19	Q2487-16	PS030975.D	09 Jul 2025 18:06	AR\AJ	Not Ok
20	I.BLK	PS030976.D	09 Jul 2025 18:30	AR\AJ	Ok
21	HSTDCCC750	PS030977.D	10 Jul 2025 02:37	AR\AJ	Ok,NR

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS061825

Review By	Abdul	Review On	6/19/2025 8:25:06 AM		
Supervise By	mohammad	Supervise On	6/20/2025 8:27:44 AM		
SubDirectory	PS061825	HP Acquire Method		HP Processing Method	PS061825 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030737.D	18 Jun 2025 10:37		AR\AJ	Ok
2	I.BLK	I.BLK	PS030738.D	18 Jun 2025 11:01		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS030739.D	18 Jun 2025 11:25		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS030740.D	18 Jun 2025 11:49		AR\AJ	Ok
5	HSTDICC750	HSTDICC750	PS030741.D	18 Jun 2025 12:13		AR\AJ	Ok,M
6	HSTDICC1000	HSTDICC1000	PS030742.D	18 Jun 2025 12:37		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS030743.D	18 Jun 2025 13:29		AR\AJ	Ok,M
8	HSTDICV750	ICVPS061825	PS030744.D	18 Jun 2025 14:18		AR\AJ	Ok,M
9	I.BLK	I.BLK	PS030745.D	18 Jun 2025 14:44		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS030746.D	18 Jun 2025 15:08		AR\AJ	Ok,M
11	Q2312-01MS	TP-1MS	PS030747.D	18 Jun 2025 17:07	some compounds fail for recovery	AR\AJ	Ok,M
12	Q2312-01MSD	TP-1MSD	PS030748.D	18 Jun 2025 17:31	some compounds fail for recovery & RPD	AR\AJ	Ok,M
13	I.BLK	I.BLK	PS030749.D	18 Jun 2025 17:55		AR\AJ	Ok
14	HSTDCCC750	HSTDCCC750	PS030750.D	18 Jun 2025 18:19		AR\AJ	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS070725

Review By	Abdul	Review On	7/8/2025 4:24:01 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:24 AM		
SubDirectory	PS070725	HP Acquire Method		HP Processing Method	ps061825 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030915.D	07 Jul 2025 09:13		AR\AJ	Ok
2	I.BLK	I.BLK	PS030916.D	07 Jul 2025 09:37		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030917.D	07 Jul 2025 10:01		AR\AJ	Ok,M
4	Q2458-02	TP-55	PS030918.D	07 Jul 2025 10:37		AR\AJ	Ok,M
5	Q2458-03	TP-68	PS030919.D	07 Jul 2025 11:01		AR\AJ	Ok
6	Q2458-04	TP-67	PS030920.D	07 Jul 2025 11:26		AR\AJ	Ok
7	Q2458-05	TP-66	PS030921.D	07 Jul 2025 11:50		AR\AJ	Ok,M
8	Q2458-06	TP-60	PS030922.D	07 Jul 2025 12:14		AR\AJ	Ok,M
9	Q2458-07	TP-62	PS030923.D	07 Jul 2025 12:38		AR\AJ	Ok
10	Q2458-08	TP-63	PS030924.D	07 Jul 2025 13:02		AR\AJ	Ok,M
11	Q2458-09	TP-59	PS030925.D	07 Jul 2025 13:27		AR\AJ	Ok,M
12	Q2473-01	PIT#1	PS030926.D	07 Jul 2025 15:27		AR\AJ	Ok
13	I.BLK	I.BLK	PS030927.D	07 Jul 2025 18:47		AR\AJ	Ok
14	HSTDCCC750	HSTDCCC750	PS030928.D	07 Jul 2025 19:11		AR\AJ	Ok,M
15	Q2473-02	PIT#2	PS030929.D	07 Jul 2025 19:59		AR\AJ	Ok
16	Q2473-03	PIT#3	PS030930.D	07 Jul 2025 20:24		AR\AJ	Ok,M
17	I.BLK	I.BLK	PS030931.D	07 Jul 2025 20:48		AR\AJ	Ok
18	HSTDCCC750	HSTDCCC750	PS030932.D	07 Jul 2025 21:36		AR\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS070725

Review By	Abdul	Review On	7/8/2025 4:24:01 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:24 AM		
SubDirectory	PS070725	HP Acquire Method		HP Processing Method	ps061825 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2473-04	PIT#4	PS030933.D	07 Jul 2025 22:00		AR\AJ	Ok
20	Q2484-01	TP-58	PS030934.D	07 Jul 2025 22:25		AR\AJ	Ok,M
21	Q2484-02	TP-57	PS030935.D	07 Jul 2025 22:49		AR\AJ	Ok,M
22	Q2484-03	TP-64	PS030936.D	07 Jul 2025 23:13	Surr low in both column	AR\AJ	Not Ok
23	Q2484-04	TP-107	PS030937.D	07 Jul 2025 23:37		AR\AJ	Ok
24	Q2484-05	TP-106	PS030938.D	08 Jul 2025 00:01		AR\AJ	Ok
25	Q2484-06	TP-104	PS030939.D	08 Jul 2025 00:25		AR\AJ	Ok,M
26	I.BLK	I.BLK	PS030940.D	08 Jul 2025 00:50		AR\AJ	Ok
27	HSTDCCC750	HSTDCCC750	PS030941.D	08 Jul 2025 01:38		AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS070925

Review By	Abdul	Review On	7/10/2025 8:22:37 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:36:44 AM		
SubDirectory	PS070925	HP Acquire Method		HP Processing Method	ps061825 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030957.D	09 Jul 2025 09:08		AR\AJ	Ok
2	I.BLK	I.BLK	PS030958.D	09 Jul 2025 09:32		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030959.D	09 Jul 2025 11:36		AR\AJ	Ok,NR
4	Q2493-01	WC-11	PS030960.D	09 Jul 2025 12:00		AR\AJ	Ok
5	Q2493-01MS	WC-11MS	PS030961.D	09 Jul 2025 12:24	F Flag in comp#1,9, comp # 14 not detected	AR\AJ	Not Ok
6	Q2493-01MSD	WC-11MSD	PS030962.D	09 Jul 2025 12:48	F Flag in comp#1,9, comp # 14 not detected	AR\AJ	Not Ok
7	PB168753BL	PB168753BL	PS030963.D	09 Jul 2025 13:12		AR\AJ	Ok
8	PB168753BS	PB168753BS	PS030964.D	09 Jul 2025 13:36		AR\AJ	Ok,M
9	PB168706BS	PB168706BS	PS030965.D	09 Jul 2025 14:04		AR\AJ	Ok,M
10	I.BLK	I.BLK	PS030966.D	09 Jul 2025 14:28		AR\AJ	Ok
11	HSTDCCC750	HSTDCCC750	PS030967.D	09 Jul 2025 14:52		AR\AJ	Ok,NR
12	Q2487-09	G4(0-6)	PS030968.D	09 Jul 2025 15:17	Surrogate low in 1st column	AR\AJ	ReRun
13	Q2487-10	G4(6-12)	PS030969.D	09 Jul 2025 15:41		AR\AJ	Ok
14	Q2487-11	G3(0-6)	PS030970.D	09 Jul 2025 16:05	Surrogate low in 1st column	AR\AJ	ReRun
15	Q2487-12	G3(6-12)	PS030971.D	09 Jul 2025 16:29		AR\AJ	Ok,M
16	Q2487-13	G2(0-6)	PS030972.D	09 Jul 2025 16:53		AR\AJ	Ok
17	Q2487-14	G2(6-12)	PS030973.D	09 Jul 2025 17:17	surrogate fail in both column	AR\AJ	Not Ok

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS070925

Review By	Abdul	Review On	7/10/2025 8:22:37 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:36:44 AM		
SubDirectory	PS070925	HP Acquire Method		HP Processing Method	ps061825 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2487-15	G1(0-6)	PS030974.D	09 Jul 2025 17:42	Surrogate low in both column	AR\AJ	Not Ok
19	Q2487-16	G1(6-12)	PS030975.D	09 Jul 2025 18:06	Surrogate low in both column F flag in surrogate in 2nd column , no proper surrogate hit	AR\AJ	Not Ok
20	I.BLK	I.BLK	PS030976.D	09 Jul 2025 18:30		AR\AJ	Ok
21	HSTDCCC750	HSTDCCC750	PS030977.D	10 Jul 2025 02:37		AR\AJ	Ok,NR

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136342

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2472-01	PN#1	1	1.00	1.00	2.00	2.00	100.0	CONCRETE SAMPLE , 100% SOLIDS
Q2473-01	PIT#1	2	1.14	10.18	11.32	10.3	90.0	
Q2473-02	PIT#2	3	1.18	10.50	11.68	10.64	90.1	
Q2473-03	PIT#3	4	1.19	10.64	11.83	10.6	88.4	
Q2473-04	PIT#4	5	1.18	10.77	11.95	10.95	90.7	
Q2475-01	SOIL-PILE	6	1.15	10.27	11.42	9.34	79.7	
Q2475-02	SOIL-PILE-E2	7	1.19	10.41	11.6	9.62	81.0	
Q2476-01	50731	8	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2478-01	WC-1	9	1.13	10.55	11.68	10.9	92.6	
Q2478-02	WC-1-EPH	10	1.19	10.69	11.88	11.02	92.0	
Q2478-03	WC-1-VOC	11	1.12	10.75	11.87	10.97	91.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

136342

WorkList Name : %1-070125 **WorkList ID :** 190476 **Department :** Wet-Chemistry **Date :** 07-01-2025 08:41:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2473-01	PIT#1	Solid	Percent Solids	Cool 4 deg C	JPCL01	A12	07/01/2025	Chemtech -SO
Q2473-02	PIT#2	Solid	Percent Solids	Cool 4 deg C	JPCL01	A12	07/01/2025	Chemtech -SO
Q2473-03	PIT#3	Solid	Percent Solids	Cool 4 deg C	JPCL01	A12	07/01/2025	Chemtech -SO
Q2473-04	PIT#4	Solid	Percent Solids	Cool 4 deg C	JPCL01	A12	07/01/2025	Chemtech -SO
Q2472-01	PN#1	Solid	Percent Solids	Cool 4 deg C	JPCL01	A12	07/01/2025	Chemtech -SO
Q2475-01	SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	07/01/2025	Chemtech -SO
Q2475-02	SOIL-PILE-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/01/2025	Chemtech -SO
Q2476-01	50731	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/01/2025	Chemtech -SO
Q2478-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	07/01/2025	Chemtech -SO
Q2478-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	07/30/2025	Chemtech -SO
Q2478-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	07/30/2025	Chemtech -SO

Date/Time 07/01/25 15:10
Raw Sample Received by: SM WC
Raw Sample Relinquished by: SM

Date/Time 07/01/25 17:25
Raw Sample Received by: SM
Raw Sample Relinquished by: SM WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168706

SOP ID:	M8151A-Herbicide-23				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/02/2025
Matrix :	Solid			**Extraction Start Time :**	11:30
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/03/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	3,4,5,7	**Supervisor By :**	RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24654
Surrogate	1.0ML	5000 PPB	PP24653
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
MeCl2/Acetone/1:1	N/A	EP2612
Acidified Na2SO4	N/A	EP2621
~~Sand~~ RS 7/2/25	N/A	~~E2865~~
HCL	N/A	M6151
DI WATER	N/A	N/A
37% KOH	N/A	EP2616
Methylene Chloride	N/A	E3943
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3948
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2618
Hexane	N/A	E3947
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH adjusted with HCL <2 for soil Extraction, PH adjusted with 1:3 H2SO4 <2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze,40ML Vial Lot # 03-40 BTS723.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/3/25	RS (ECL Lab)	R. Patel/PCB Lab
11:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168706

Analytical Method: M8151A-Herbicide-23 **Concentration Date:** 07/03/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168706BL	HBLK706	Herbicide	30.01	N/A	ritesh	Evelyn	10			U1-1
PB168706BS	HLCS706	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q2458-01	TP-76	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2458-01MS	TP-76MS	Herbicide	30.09	N/A	ritesh	Evelyn	10	E		4
Q2458-01MSD	TP-76MSD	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		5
Q2458-02	TP-55	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6
Q2458-03	TP-68	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		U2-1
Q2458-04	TP-67	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		2
Q2458-05	TP-66	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2458-06	TP-60	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2458-07	TP-62	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		5
Q2458-08	TP-63	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		6
Q2458-09	TP-59	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		U3-1
Q2473-01	PIT#1	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		2
Q2473-02	PIT#2	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2473-03	PIT#3	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2473-04	PIT#4	Herbicide	30.09	N/A	ritesh	Evelyn	10	E		5
Q2478-01	WC-1	Herbicide	30.06	N/A	ritesh	Evelyn	10	D		6
Q2484-01	TP-58	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		U6-1
Q2484-02	TP-57	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		2
Q2484-03	TP-64	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		3
Q2484-04	TP-107	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		4
Q2484-05	TP-1006	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		5
Q2484-06	TP-104	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		6

RS 7/3

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

168706
11:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2458H **WorkList ID :** 190523 **Department :** Extraction **Date :** 07-02-2025 11:20:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2458-01	TP-76	Solid	Herbicide	Cool 4 deg C	CAMP02	D51	06/26/2025	8151A
Q2458-02	TP-55	Solid	Herbicide	Cool 4 deg C	CAMP02	D51	06/26/2025	8151A
Q2458-03	TP-68	Solid	Herbicide	Cool 4 deg C	CAMP02	D51	06/27/2025	8151A
Q2458-04	TP-67	Solid	Herbicide	Cool 4 deg C	CAMP02	D51	06/27/2025	8151A
Q2458-05	TP-66	Solid	Herbicide	Cool 4 deg C	CAMP02	D51	06/27/2025	8151A
Q2458-06	TP-60	Solid	Herbicide	Cool 4 deg C	CAMP02	D51	06/27/2025	8151A
Q2458-07	TP-62	Solid	Herbicide	Cool 4 deg C	CAMP02	D51	06/27/2025	8151A
Q2458-08	TP-63	Solid	Herbicide	Cool 4 deg C	CAMP02	D51	06/27/2025	8151A
Q2458-09	TP-59	Solid	Herbicide	Cool 4 deg C	CAMP02	D51	06/27/2025	8151A
Q2473-01	PIT#1	Solid	Herbicide	Cool 4 deg C	JPCL01	A12	07/01/2025	8151A
Q2473-02	PIT#2	Solid	Herbicide	Cool 4 deg C	JPCL01	A12	07/01/2025	8151A
Q2473-03	PIT#3	Solid	Herbicide	Cool 4 deg C	JPCL01	A12	07/01/2025	8151A
Q2473-04	PIT#4	Solid	Herbicide	Cool 4 deg C	JPCL01	A12	07/01/2025	8151A
Q2478-01	WC-1	Solid	Herbicide	Cool 4 deg C	PSEG03	A42	07/30/2025	8151A
Q2484-01	TP-58	Solid	Herbicide	Cool 4 deg C	CAMP02	A12	07/01/2025	8151A
Q2484-02	TP-57	Solid	Herbicide	Cool 4 deg C	CAMP02	A12	07/01/2025	8151A
Q2484-03	TP-64	Solid	Herbicide	Cool 4 deg C	CAMP02	A12	07/01/2025	8151A
Q2484-04	TP-107	Solid	Herbicide	Cool 4 deg C	CAMP02	A12	07/01/2025	8151A
Q2484-05	TP-1006	Solid	Herbicide	Cool 4 deg C	CAMP02	A12	07/01/2025	8151A
Q2484-06	TP-104	Solid	Herbicide	Cool 4 deg C	CAMP02	A12	07/01/2025	8151A

Date/Time 7/2/25 11:25
Raw Sample Received by: RJ (EA-lab)
Raw Sample Relinquished by: JD (CSM)

Date/Time 7/2/25 12:05
Raw Sample Received by: JD (CSM)
Raw Sample Relinquished by: RJ (EA-lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2473
QUOTE NO.
COC Number 2047529

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: JPCL Engineering LLC
ADDRESS: 2 Clerico LN, Bldg #1
CITY Hillsborough STATE: NJ ZIP: 08844
ATTENTION: Paul Rotondi
PHONE: 609 203-3846 FAX: N/A

CLIENT PROJECT INFORMATION

PROJECT NAME: Soil Sampling NOHO
PROJECT NO.: RGI #SC64025 LOCATION: NY, NY
PROJECT MANAGER: P. Rotondi
e-mail: protondi@JPCLengineering.com
PHONE: 609 203-3846 FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME AS Client PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 4 (QC + Full Raw Data)
- ☒ Level 2 (Results + QC)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

1. Cyanide/Hg/Metals
2. Corr, Ign
3. TCLP Cyanide Only
4. SVOC BNA 20
5. TP4
6. Herbicides
7. Pesticides
8. PCB
9. VOA

PRESERVATIVES

3

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	PIT #1	Soil	X		7/1	8:[illegible]AM	13	/	/	/	/	/	/	/	/	/
2.	PIT #2		X			8:30AM		/	/	/	/	/	/	/	/	/
3.	PIT #3		X			8:40AM		/	/	/	/	/	/	/	/	/
4.	PIT #4		X			8:50AM		/	/	/	/	/	/	/	/	/
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Ali Yousaf	7/1 1140	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
Comments: NORMAL TAT IR Gun #1

Page _____ of

CLIENT: ☒ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2473 JPCL01
Client Name : JPCL Engineering
Client Contact : Paul Rotondi
Invoice Name : JPCL Engineering
Invoice Contact : Paul Rotondi

Order Date : 7/1/2025 12:14:15 PM
Project Name : NOHO RFI No. SC64025 N
Receive DateTime : 7/1/2025 11:40:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2473-01	PIT#1	Solid	07/01/2025	08:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2473-02	PIT#2	Solid	07/01/2025	08:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2473-03	PIT#3	Solid	07/01/2025	08:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2473-04	PIT#4	Solid	07/01/2025	08:50					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 7/1/25 14:05

Received By :
Date / Time : 7/1/25 14:40
Storage Area : VOA Refridgerator Room