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Cover Page

Order ID : Q2489

Project ID : Construction of Shafts 17B-18B - PN 220084

Client : Walsh Construction Company II, LLC

Lab Sample Number	Client Sample Number
Q2489-01	G4(0-6)
Q2489-02	G4(6-12)
Q2489-03	G3(0-6)
Q2489-04	G3(6-12)
Q2489-05	G2(0-6)
Q2489-06	G2(6-12)
Q2489-07	G1(0-6)
Q2489-08	G1(6-12)

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: 7/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Walsh Construction Company II, LLC
Project Name: Construction of Shafts 17B-18B - PN 220084
Project # N/A
Order ID # Q2489
Test Name: TCLP 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: TCLP Herbicide. This data package contains results for TCLP 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 #: 11324. The analysis of TCLP Herbicides was based on method 8151A and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for G2(6-12) [2,4-DCAA(1)156%], G2(6-12)RE [2 and4-DCAA(1)154%]. This sample reanalyzed to confirm results, Original and reanalysis both are reported.

The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID PS031075.D met the requirements except for 2,4,5-TP (Silvex),2,4-D,2,4-DCAA is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

The Continuous Calibration File ID PS031086.D met the requirements except for 2,4,5-TP (Silvex),2,4-D,2,4-DCAA is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

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E. Additional Comments:

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

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed 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_____

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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 #: **Q2489**

	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: **PRADIP PRAJAPATI** **Date:** **07/17/2025**

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LAB CHRONICLE

OrderID:	Q2489	**OrderDate:**	7/2/2025 11:52:00 AM
Client:	Walsh Construction Company II, LLC	**Project:**	Construction of Shafts 17B-18B - PN 220084
Contact:	Jesse A. Sylvestri	**Location:**	--Select--

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2489-01	**G4(0-6)**	**TCLP**			**07/01/25**			**07/01/25**
			TCLP Herbicide	8151A		07/14/25	07/15/25	
Q2489-02	**G4(6-12)**	**TCLP**			**07/01/25**			**07/01/25**
			TCLP Herbicide	8151A		07/14/25	07/15/25	
Q2489-03	**G3(0-6)**	**TCLP**			**07/01/25**			**07/01/25**
			TCLP Herbicide	8151A		07/14/25	07/15/25	
Q2489-04	**G3(6-12)**	**TCLP**			**07/01/25**			**07/01/25**
			TCLP Herbicide	8151A		07/14/25	07/15/25	
Q2489-05	**G2(0-6)**	**TCLP**			**07/01/25**			**07/01/25**
			TCLP Herbicide	8151A		07/14/25	07/15/25	
Q2489-06	**G2(6-12)**	**TCLP**			**07/01/25**			**07/01/25**
			TCLP Herbicide	8151A		07/14/25	07/15/25	

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LAB CHRONICLE

Q2489-06RE	**G2(6-12)RE**	**TCLP**			**07/01/25**			**07/01/25**
			TCLP Herbicide	8151A		07/14/25	07/16/25	
Q2489-07	**G1(0-6)**	**TCLP**			**07/01/25**			**07/01/25**
			TCLP Herbicide	8151A		07/14/25	07/15/25	
Q2489-08	**G1(6-12)**	**TCLP**			**07/01/25**			**07/01/25**
			TCLP Herbicide	8151A		07/14/25	07/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2489 **Order ID:** Q2489

Client: Walsh Construction Company II, LLC **Project ID:** Construction of Shafts 17B-18B - PN 2

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

QC
SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2489

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS031005.D	PIBLK-PS031005.D	2,4-DCAA	1	500	356	71		61	136
		2,4-DCAA	2	500	496	99		61	136
I.BLK-PS031030.D	PIBLK-PS031030.D	2,4-DCAA	1	500	445	89		61	136
		2,4-DCAA	2	500	482	96		61	136
PB168844BL	PB168844BL	2,4-DCAA	1	500	423	85		61	136
		2,4-DCAA	2	500	499	100		61	136
PB168844BS	PB168844BS	2,4-DCAA	1	500	435	87		61	136
		2,4-DCAA	2	500	441	88		61	136
PB168728TB	PB168728TB	2,4-DCAA	1	500	462	92		61	136
		2,4-DCAA	2	500	477	95		61	136
Q2489-01	G4(0-6)	2,4-DCAA	1	500	652	130		61	136
		2,4-DCAA	2	500	502	100		61	136
Q2489-01MS	G4(0-6)MS	2,4-DCAA	1	500	609	122		61	136
		2,4-DCAA	2	500	529	106		61	136
Q2489-01MSD	G4(0-6)MSD	2,4-DCAA	1	500	636	127		61	136
		2,4-DCAA	2	500	516	103		61	136
Q2489-02	G4(6-12)	2,4-DCAA	1	500	576	115		61	136
		2,4-DCAA	2	500	508	102		61	136
Q2489-03	G3(0-6)	2,4-DCAA	1	500	669	134		61	136
		2,4-DCAA	2	500	524	105		61	136
Q2489-04	G3(6-12)	2,4-DCAA	1	500	618	124		61	136
		2,4-DCAA	2	500	528	106		61	136
Q2489-05	G2(0-6)	2,4-DCAA	1	500	650	130		61	136
		2,4-DCAA	2	500	532	106		61	136
Q2489-06	G2(6-12)	2,4-DCAA	1	500	779	156	*	61	136
		2,4-DCAA	2	500	493	99		61	136
Q2489-07	G1(0-6)	2,4-DCAA	1	500	613	123		61	136
		2,4-DCAA	2	500	507	101		61	136
Q2489-08	G1(6-12)	2,4-DCAA	1	500	538	108		61	136
		2,4-DCAA	2	500	473	95		61	136
I.BLK-PS031046.D	PIBLK-PS031046.D	2,4-DCAA	1	500	444	89		61	136
		2,4-DCAA	2	500	486	97		61	136
I.BLK-PS031074.D	PIBLK-PS031074.D	2,4-DCAA	1	500	465	93		61	136
		2,4-DCAA	2	500	505	101		61	136
Q2489-06RE	G2(6-12)RE	2,4-DCAA	1	500	771	154	*	61	136
		2,4-DCAA	2	500	477	95		61	136
I.BLK-PS031085.D	PIBLK-PS031085.D	2,4-DCAA	1	500	461	92		61	136
		2,4-DCAA	2	500	487	97		61	136

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2489 **Analytical Method:** 8151A

Client: Walsh Construction Company II, LLC **DataFile :** PS031037.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2489-01MS (Column 1)**	**Client Sample ID:**		**G4(0-6)MS**								
	2,4-D	50	0	53.1	ug/L	106				65	135	
	2,4,5-TP(Silvex)	50	0	53.1	ug/L	106				62	139	
Lab Sample ID:	**Q2489-01MS (Column 2)**	**Client Sample ID:**		**G4(0-6)MS**								
	2,4-D	50	0	42.7	ug/L	85				65	135	
	2,4,5-TP(Silvex)	50	0	57.3	ug/L	115				62	139	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2489 **Analytical Method:** 8151A

Client: Walsh Construction Company II, LLC **DataFile :** PS031038.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2489-01MSD (Column 1)**	**Client Sample ID:**		**G4(0-6)MSD**								
	2,4-D	50	0	54.9	ug/L	110		4		65	135	20
	2,4,5-TP(Silvex)	50	0	55.5	ug/L	111		5		62	139	20
Lab Sample ID:	**Q2489-01MSD (Column 2)**	**Client Sample ID:**		**G4(0-6)MSD**								
	2,4-D	50	0	49.5	ug/L	99		15		65	135	20
	2,4,5-TP(Silvex)	50	0	59.7	ug/L	119		3		62	139	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2489 **Analytical Method:** 8151A

Client: Walsh Construction Company II, LLC **Datafile :** PS031033.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168844BS (Column 1)	2,4-D	5	5.80	ug/L	116				83	130	
	2,4,5-TP(Silvex)	5	5.30	ug/L	106				78	127	
PB168844BS (Column 2)	2,4-D	5	5.00	ug/L	100				83	130	
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				78	127	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168844BL

Lab Name: Alliance | Contract: WALS01

Lab Code: ACE | SDG NO.: Q2489

Lab Sample ID: PB168844BL | Lab File ID: PS031032.D

Matrix: (soil/water) water | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/14/2025

Date Analyzed (1): 07/15/2025 | Date Analyzed (2): 07/15/2025

Time Analyzed (1): 18:21 | Time Analyzed (2): 18:21

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
PB168844BS	PB168844BS	PS031033.D	07/15/2025	07/15/2025
PB168728TB	PB168728TB	PS031034.D	07/15/2025	07/15/2025
G4(0-6)	Q2489-01	PS031036.D	07/15/2025	07/15/2025
G4(0-6)MS	Q2489-01MS	PS031037.D	07/15/2025	07/15/2025
G4(0-6)MSD	Q2489-01MSD	PS031038.D	07/15/2025	07/15/2025
G4(6-12)	Q2489-02	PS031039.D	07/15/2025	07/15/2025
G3(0-6)	Q2489-03	PS031040.D	07/15/2025	07/15/2025
G3(6-12)	Q2489-04	PS031041.D	07/15/2025	07/15/2025
G2(0-6)	Q2489-05	PS031042.D	07/15/2025	07/15/2025
G2(6-12)	Q2489-06	PS031043.D	07/15/2025	07/15/2025
G1(0-6)	Q2489-07	PS031044.D	07/15/2025	07/15/2025
G1(6-12)	Q2489-08	PS031045.D	07/15/2025	07/15/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PS031034.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/14/25
Client Sample ID:	PB168728TB	SDG No.:	Q2489
Lab Sample ID:	PB168728TB	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031034.D	1	07/14/25 10:14	07/15/25 19:09	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	477		61 - 136	95%	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\PS071525\
Data File : PS031034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 19:09
Operator : AR\AJ
Sample : PB168728TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168728TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:49:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.330	7.767	1828.0E6	494.2E6	462.202	477.037
	Target Compounds						

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

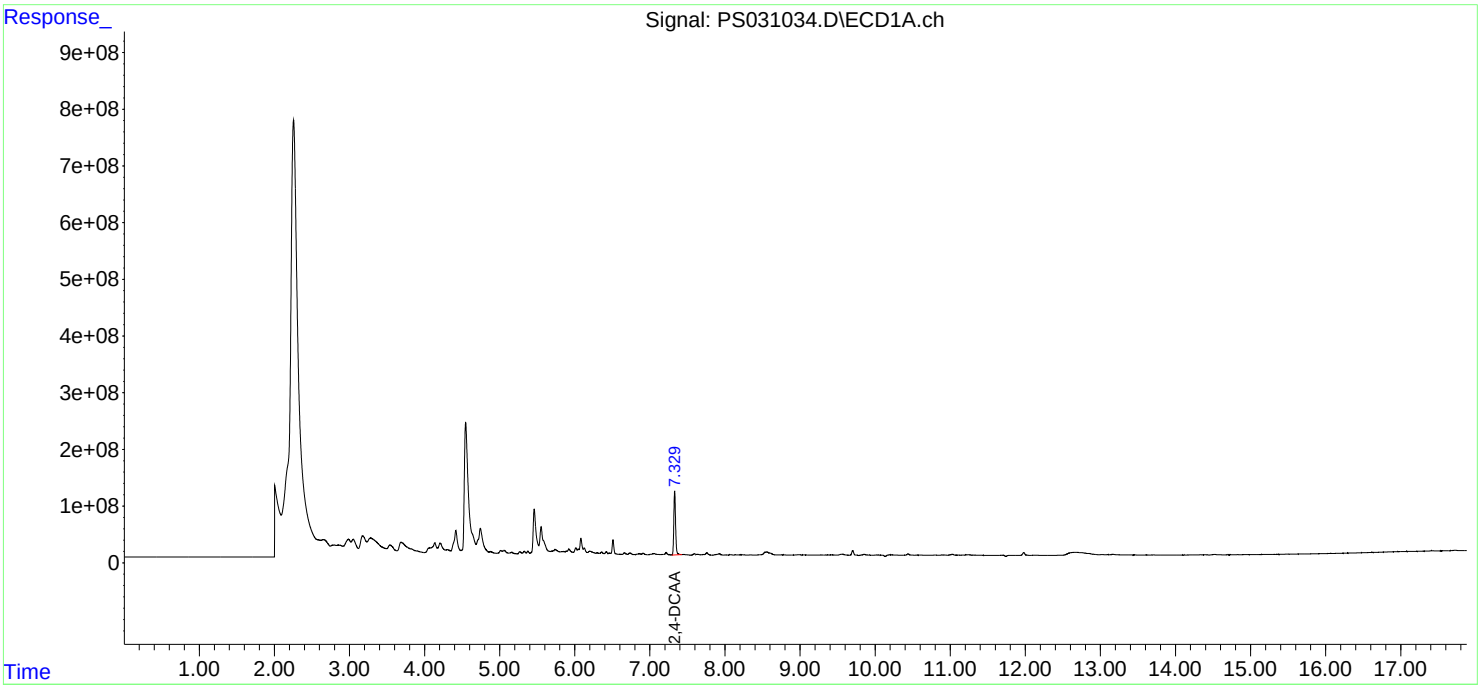
Sample Results: **PS031034.D**

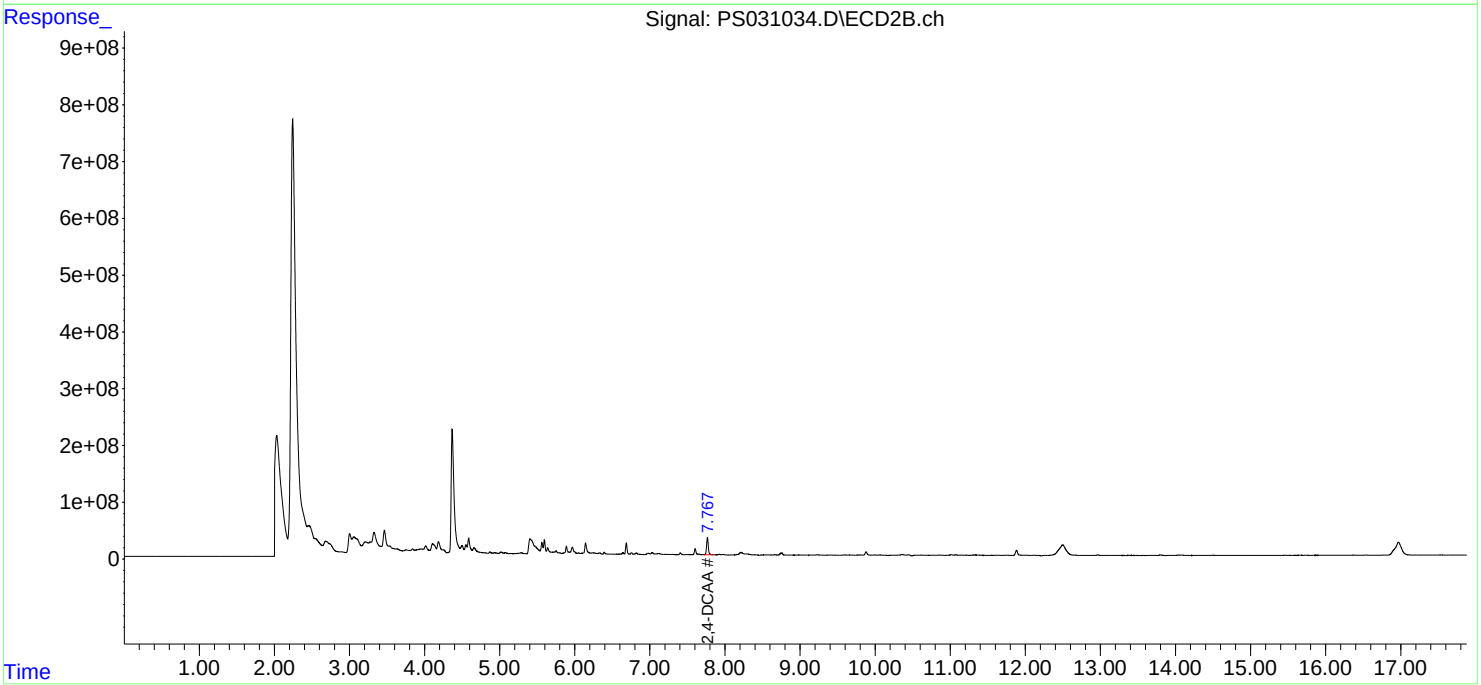
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 19:09
Operator : AR\AJ
Sample : PB168728TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

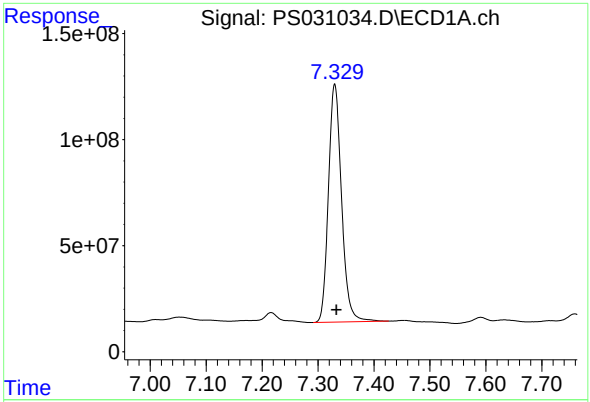
Instrument :
ECD_S
ClientSampleId :
PB168728TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:49:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



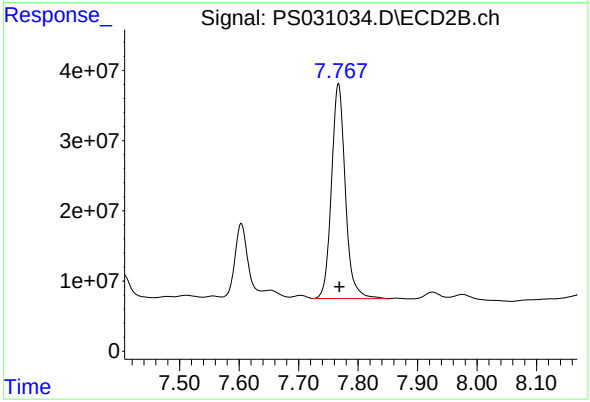




#4 2,4-DCAA

R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 1828043611
Conc: 462.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168728TB



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 494225798
Conc: 477.04 ng/ml

Raw Data: **PS031036.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-01	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031036.D	1	07/14/25 10:14	07/15/25 19:58	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	652		61 - 136	130%	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\PS071525\
Data File : PS031036.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 19:58
Operator : AR\AJ
Sample : Q2489-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G4(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.329	7.766	2580.3E6	519.9E6	652.405	501.785
	Target Compounds						

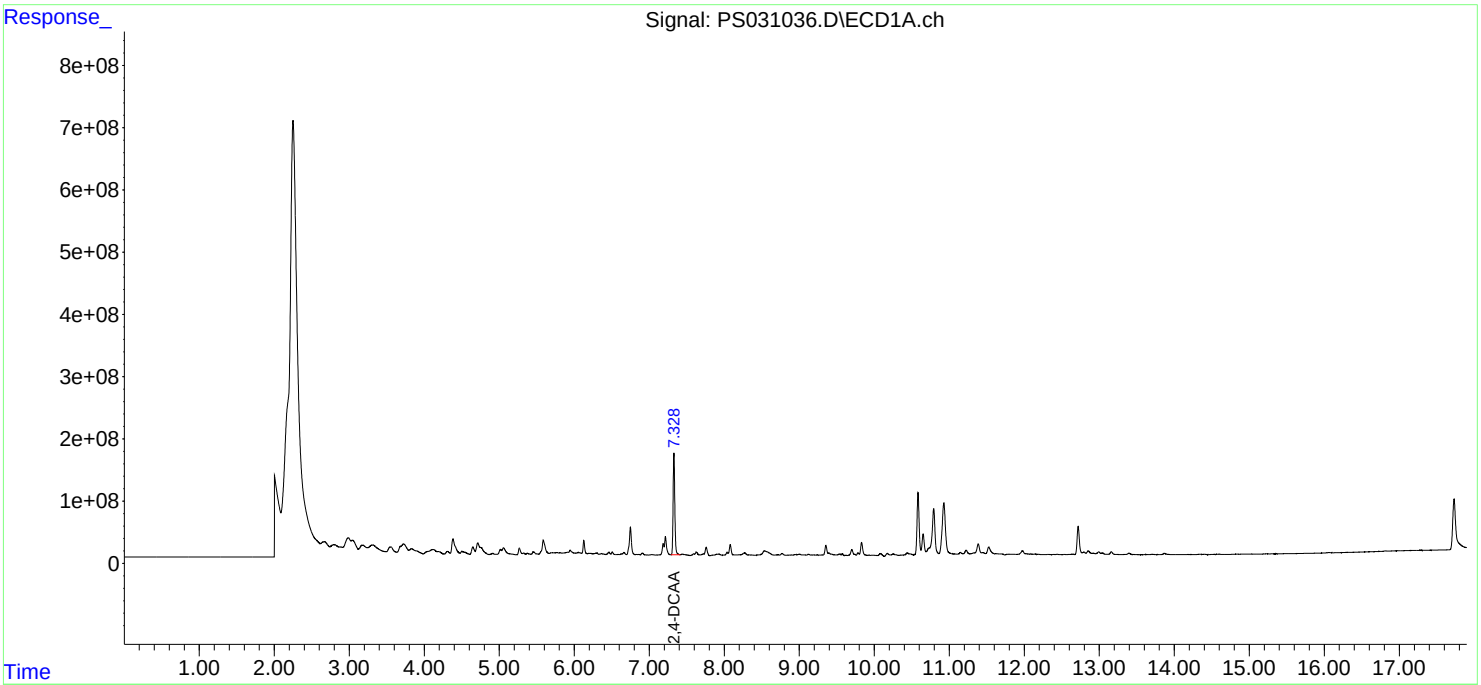
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

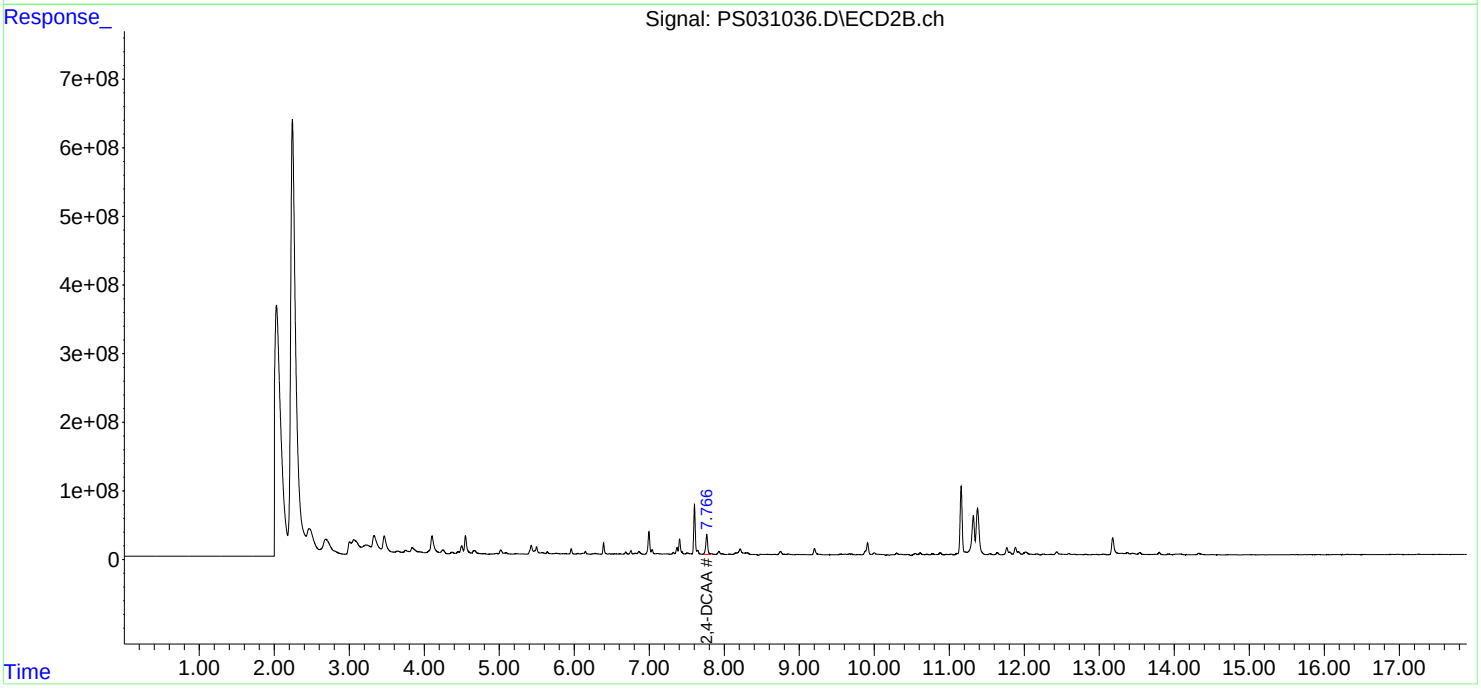
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031036.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 19:58
Operator : AR\AJ
Sample : Q2489-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

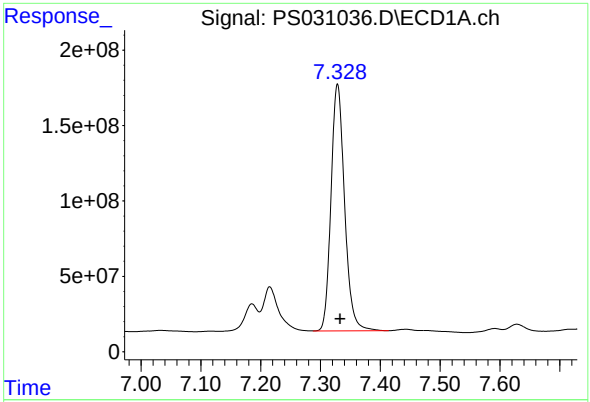
Instrument :
ECD_S
ClientSampleId :
G4(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



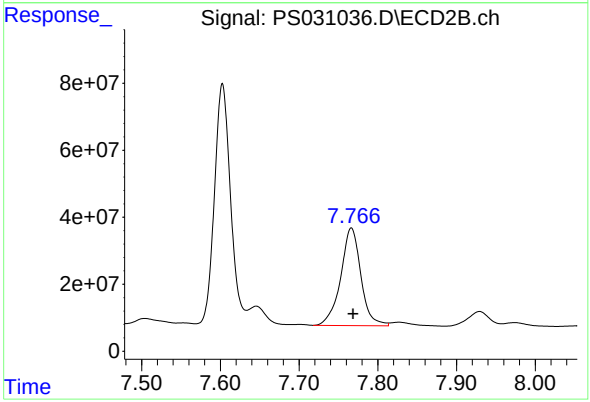




#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 2580309340
Conc: 652.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 519865699
Conc: 501.79 ng/ml

Raw Data: **PS031039.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-02	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031039.D	1	07/14/25 10:14	07/15/25 21:10	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	576		61 - 136	115%	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\PS071525\
Data File : PS031039.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 21:10
Operator : AR\AJ
Sample : Q2489-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G4(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.328	7.767	2278.9E6	526.3E6	576.185	508.036
	Target Compounds						

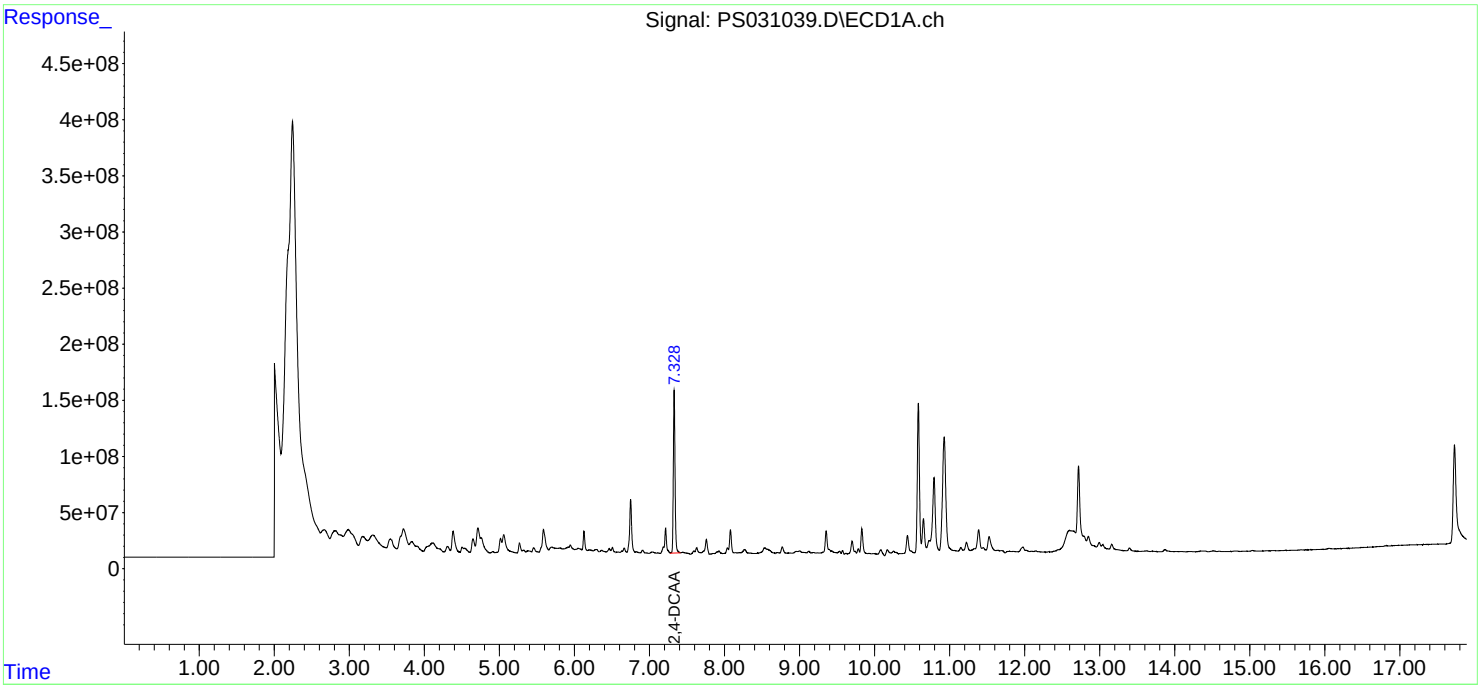
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

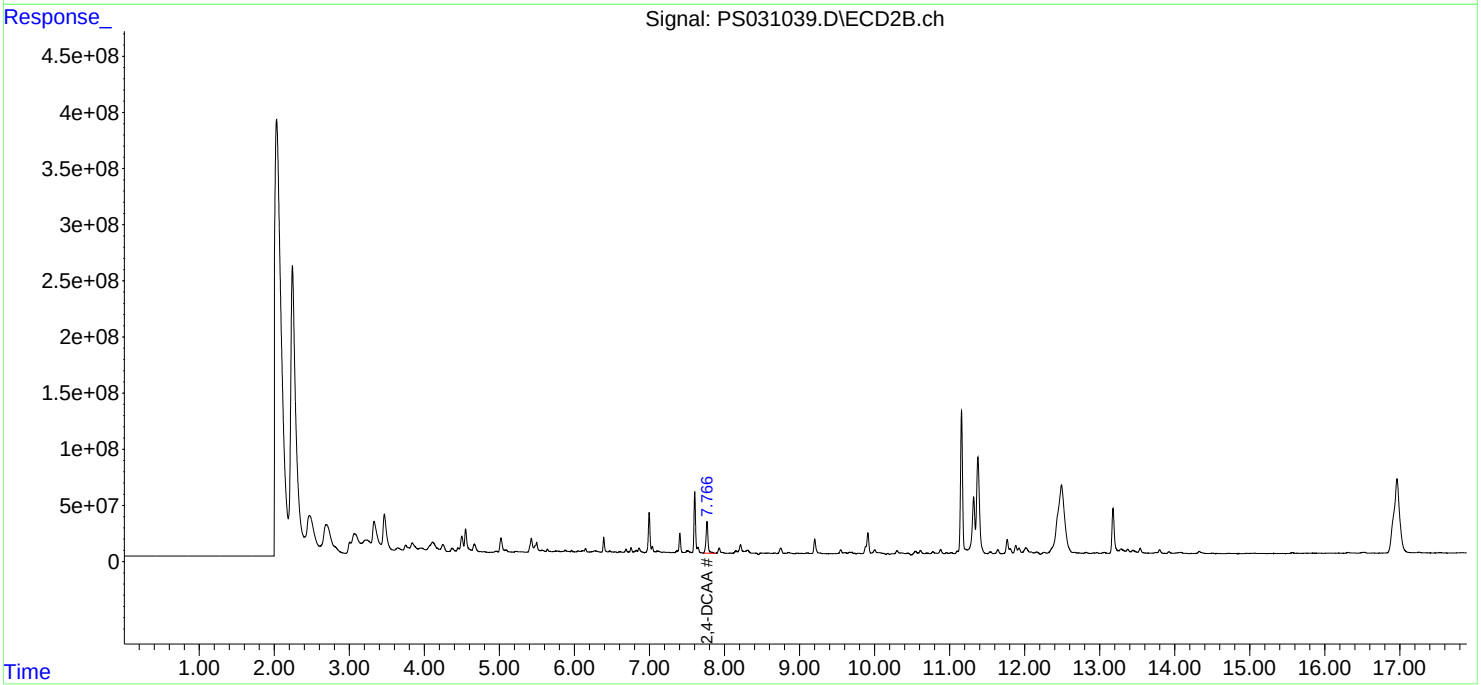
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031039.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 21:10
Operator : AR\AJ
Sample : Q2489-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

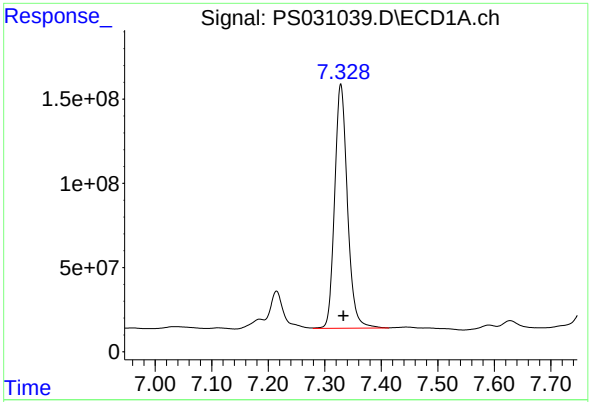
Instrument :
ECD_S
ClientSampleId :
G4(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



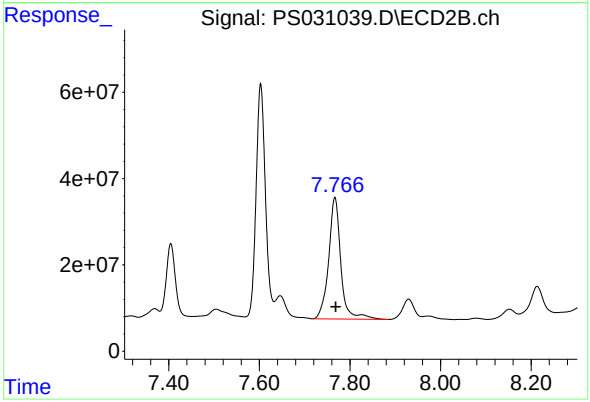




#4 2,4-DCAA

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 2278853724
Conc: 576.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(6-12)



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 526341743
Conc: 508.04 ng/ml

Raw Data: **PS031040.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-03	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031040.D	1	07/14/25 10:14	07/15/25 21:34	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	669		61 - 136	134%	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\PS071525\
Data File : PS031040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 21:34
Operator : AR\AJ
Sample : Q2489-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G3(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.328	7.766	2646.1E6	542.6E6	669.028	523.713m
	Target Compounds						

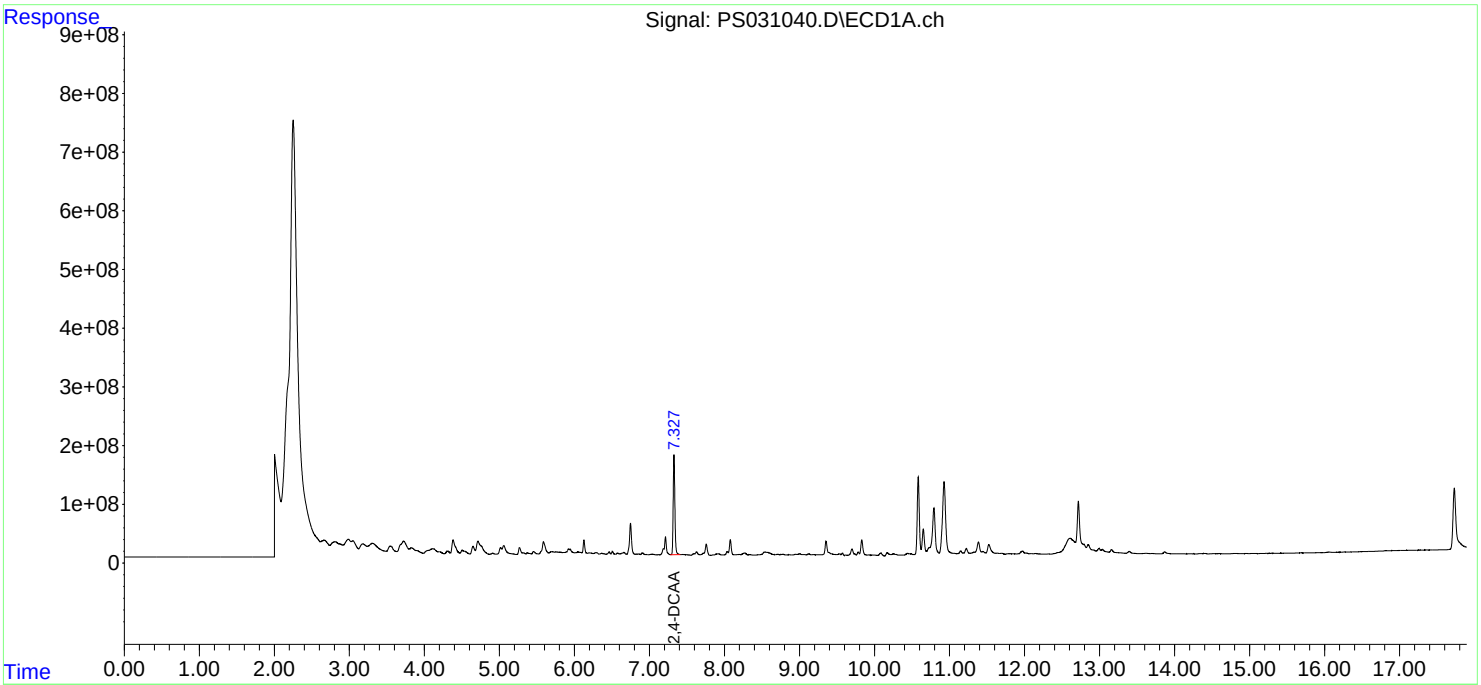
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

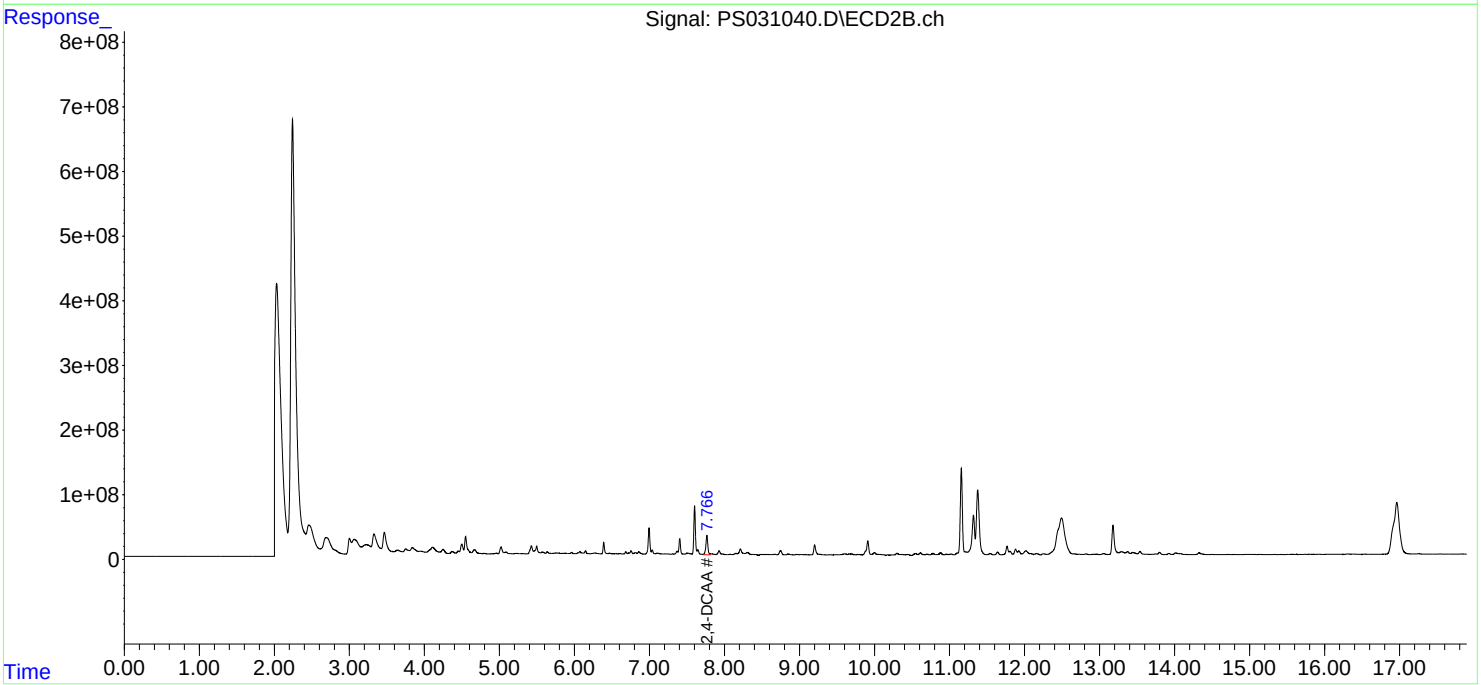
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 21:34
Operator : AR\AJ
Sample : Q2489-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

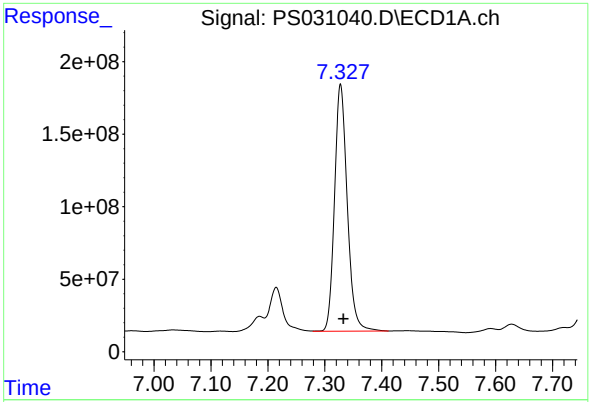
Instrument :
ECD_S
ClientSampleId :
G3(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



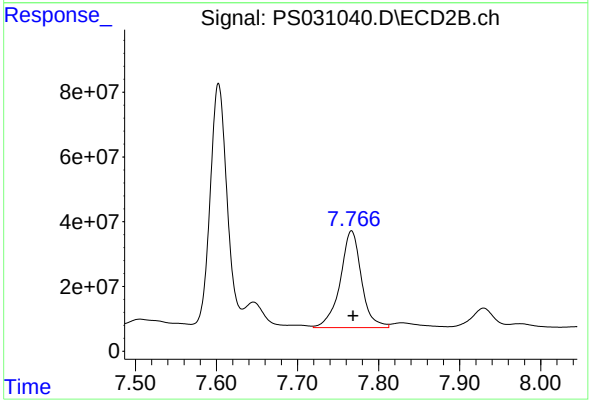




#4 2,4-DCAA

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 2646054993
Conc: 669.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
G3(0-6)



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 542583904
Conc: 523.71 ng/ml m

Raw Data: **PS031041.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-04	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031041.D	1	07/14/25 10:14	07/15/25 21:58	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	618		61 - 136	124%	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\PS071525\
Data File : PS031041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 21:58
Operator : AR\AJ
Sample : Q2489-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G3(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:51:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.328	7.766	2443.5E6	546.9E6	617.819	527.874m
	Target Compounds						

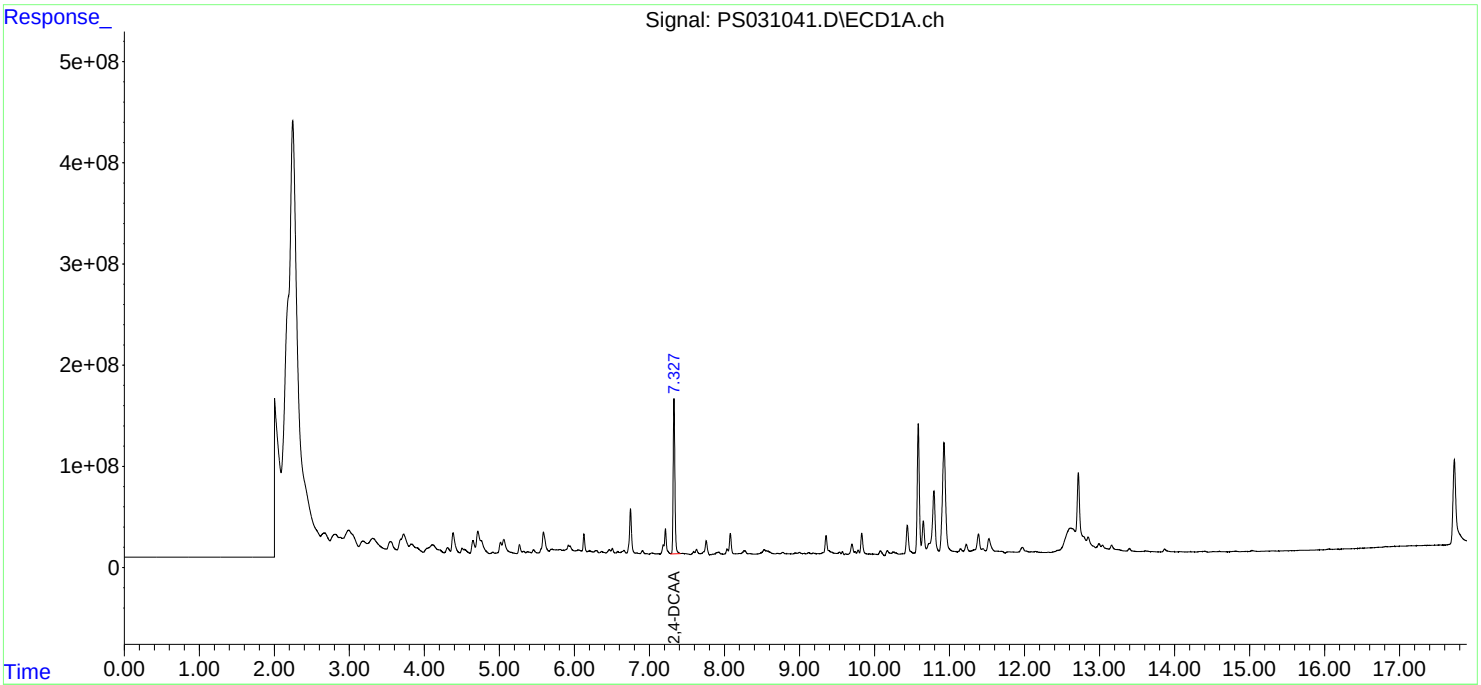
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

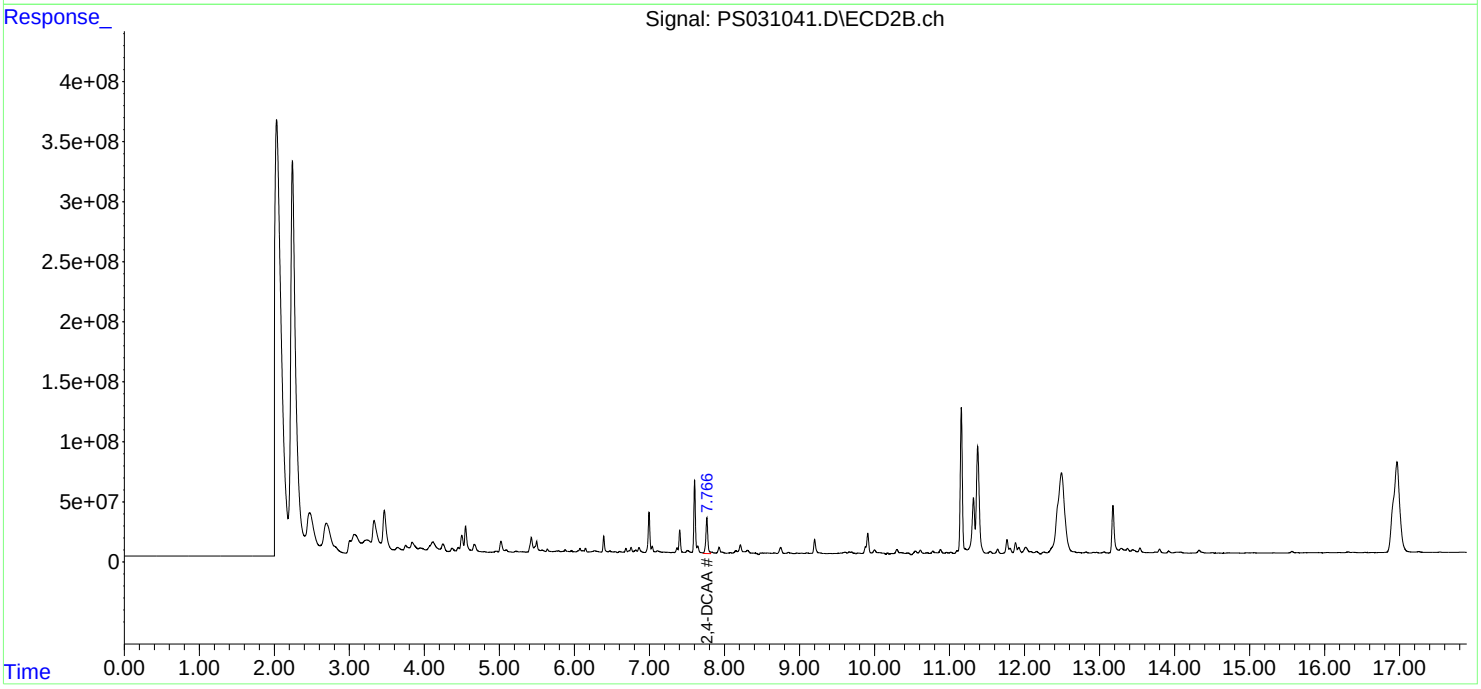
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 21:58
Operator : AR\AJ
Sample : Q2489-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

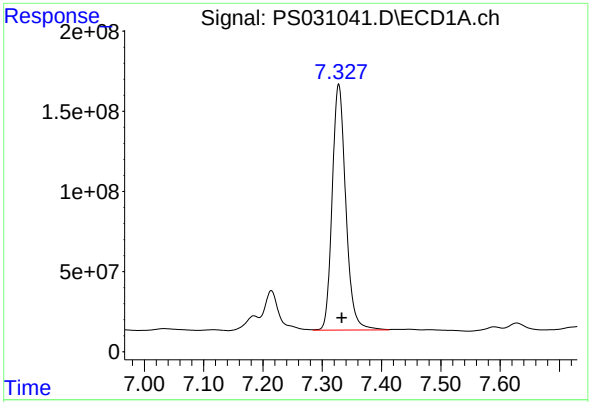
Instrument :
ECD_S
ClientSampleId :
G3(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:51:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



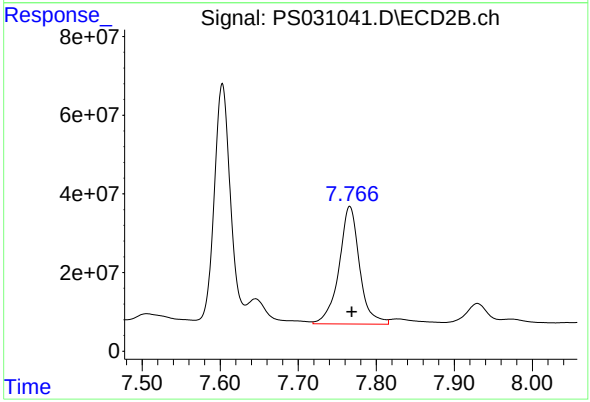




#4 2,4-DCAA

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 2443519715
Conc: 617.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
G3(6-12)



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.003 min
Response: 546894578
Conc: 527.87 ng/ml m

Raw Data: **PS031042.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-05	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031042.D	1	07/14/25 10:14	07/15/25 22:23	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	650		61 - 136	130%	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\PS071525\
Data File : PS031042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 22:23
Operator : AR\AJ
Sample : Q2489-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G2(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:51:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.329	7.766	2572.3E6	550.6E6	650.388	531.496m
	Target Compounds						

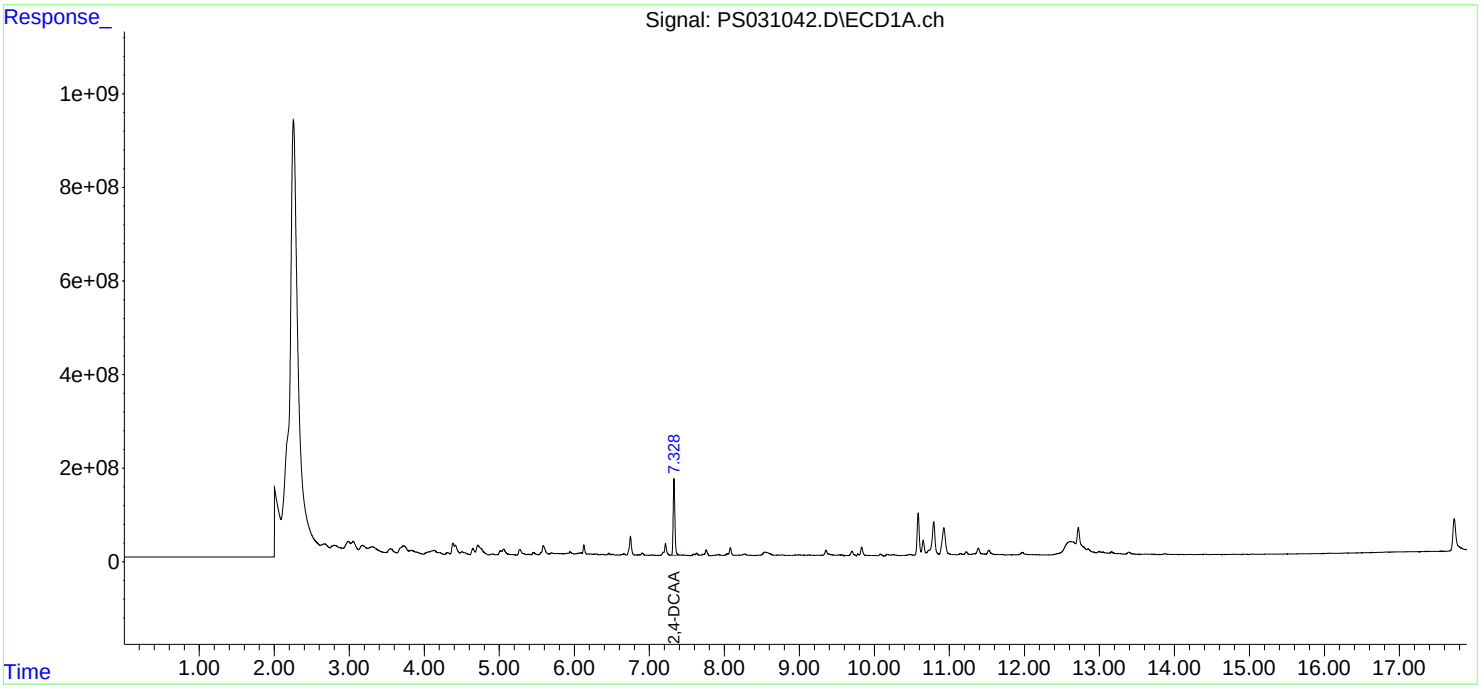
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

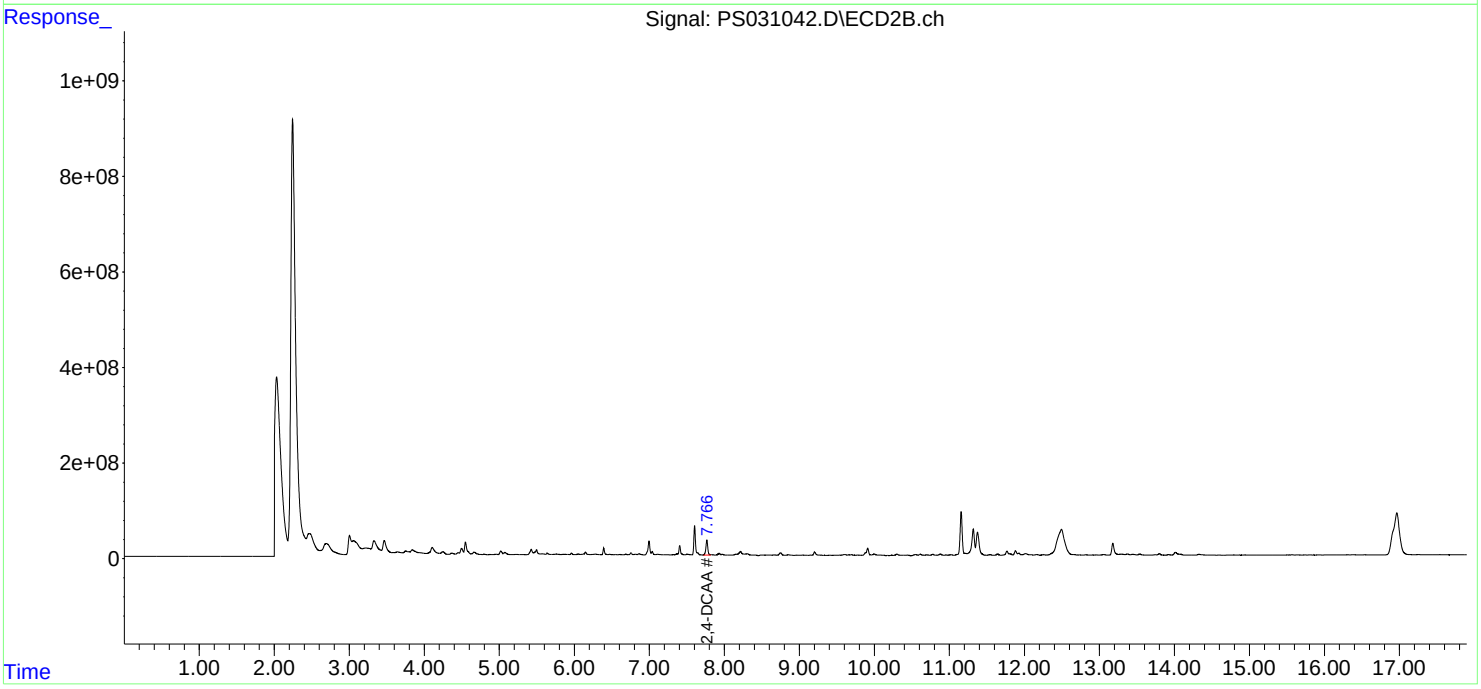
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 22:23
Operator : AR\AJ
Sample : Q2489-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

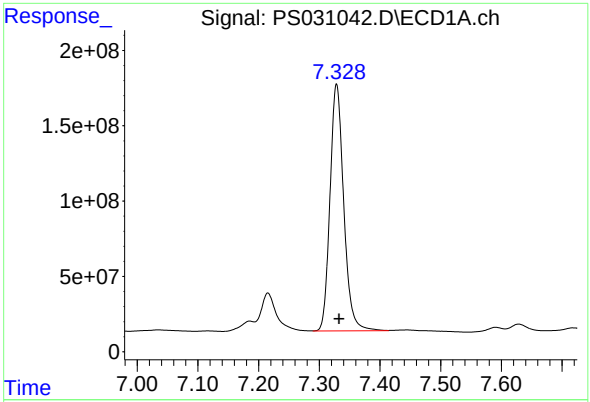
Instrument :
ECD_S
ClientSampleId :
G2(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:51:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



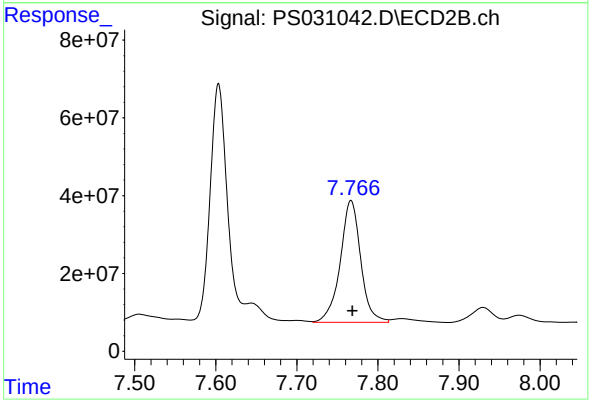




#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 2572332957
Conc: 650.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
G2(0-6)



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 550647488
Conc: 531.50 ng/ml m

Raw Data: **PS031043.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-06	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031043.D	1	07/14/25 10:14	07/15/25 22:47	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	779	*	61 - 136	156%	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\PS071525\
Data File : PS031043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 22:47
Operator : AR\AJ
Sample : Q2489-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G2(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:51:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.327	7.766	3081.6E6	510.5E6	779.150m	492.752 #
	Target Compounds						

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

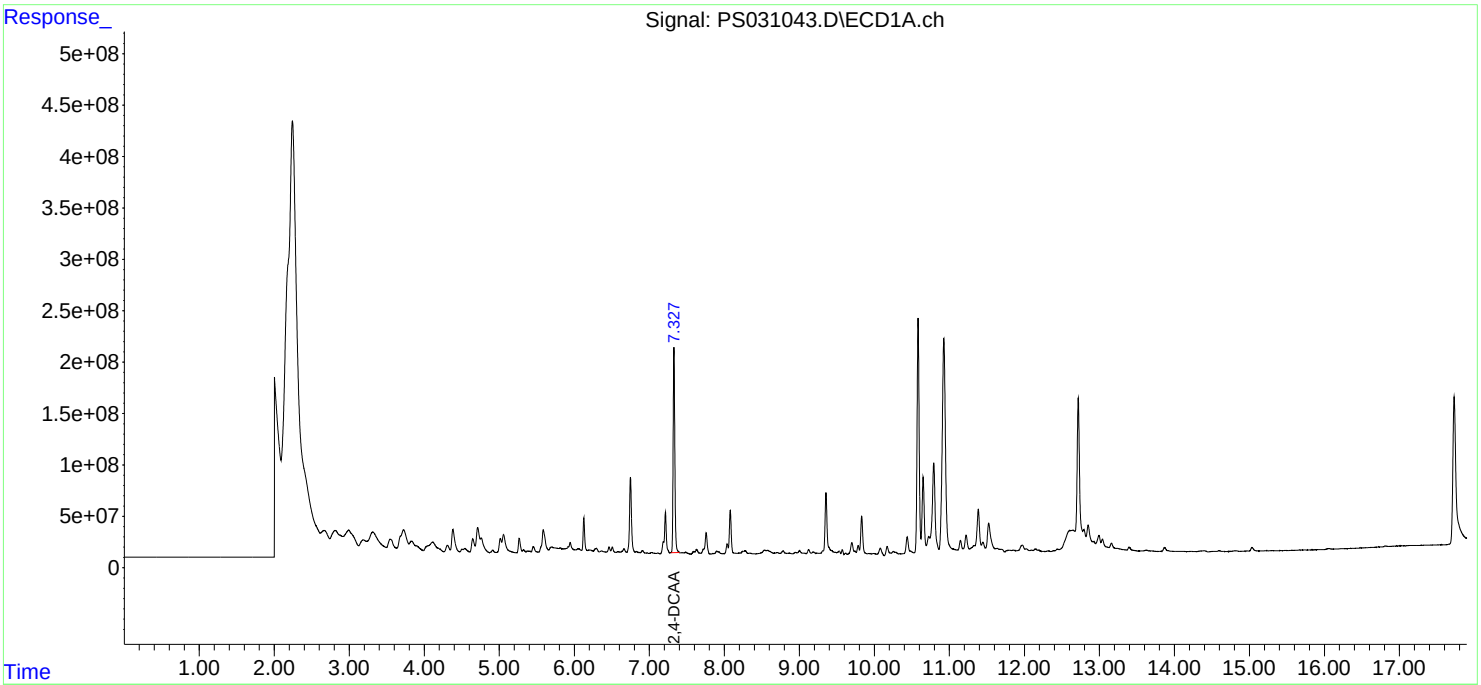
Sample Results: **PS031043.D**

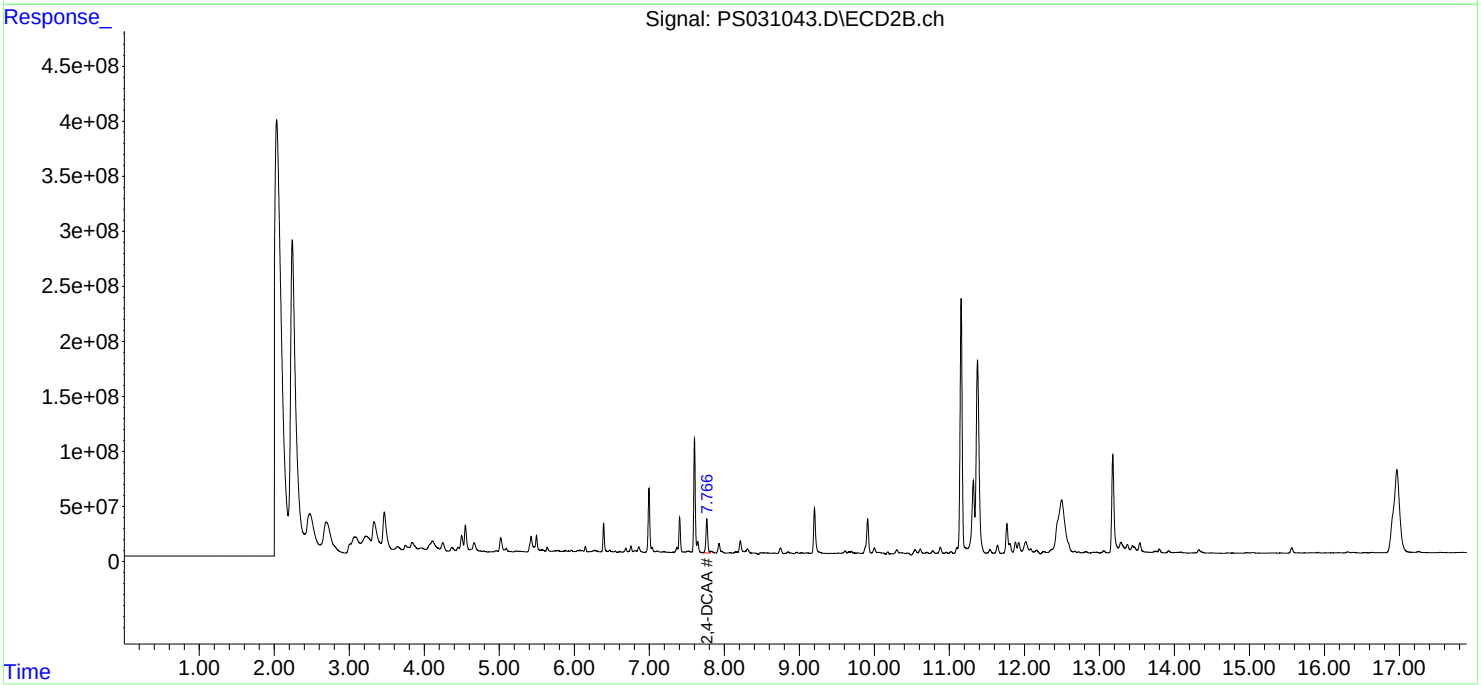
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 22:47
Operator : AR\AJ
Sample : Q2489-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

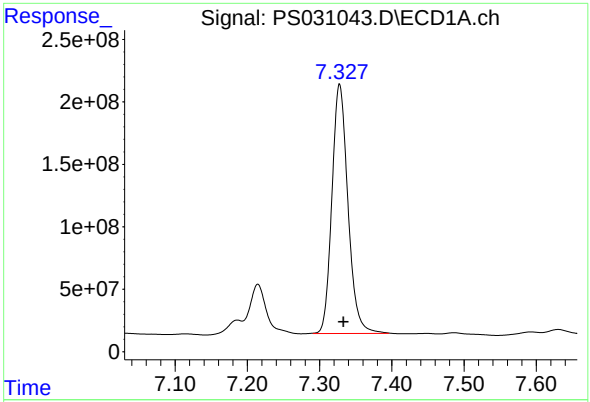
Instrument :
ECD_S
ClientSampleId :
G2(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:51:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



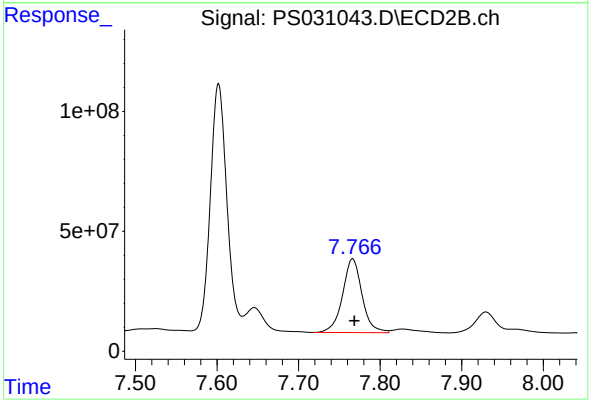




#4 2,4-DCAA

R.T.: 7.327 min
Delta R.T.: -0.006 min
Response: 3081597401
Conc: 779.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
G2(6-12)



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 510506783
Conc: 492.75 ng/ml

Raw Data: **PS031076.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)RE	SDG No.:	Q2489
Lab Sample ID:	Q2489-06RE	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031076.D	1	07/14/25 10:14	07/16/25 20:18	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	771	*	61 - 136	154%	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\PS071625\
Data File : PS031076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 20:18
Operator : AR\AJ
Sample : Q2489-06RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G2(6-12)RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 02:15:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.328	7.768	3049.8E6	493.8E6	771.099	476.619	#
	Target Compounds							

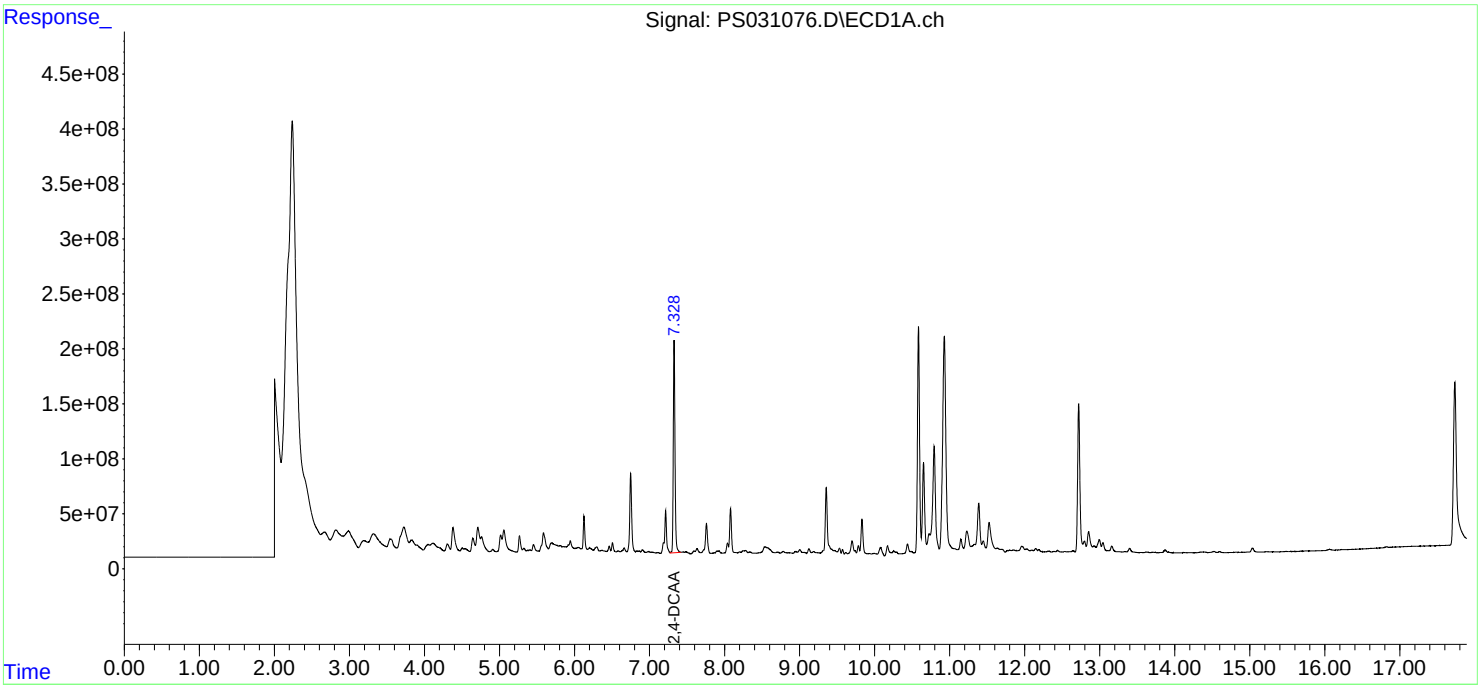
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

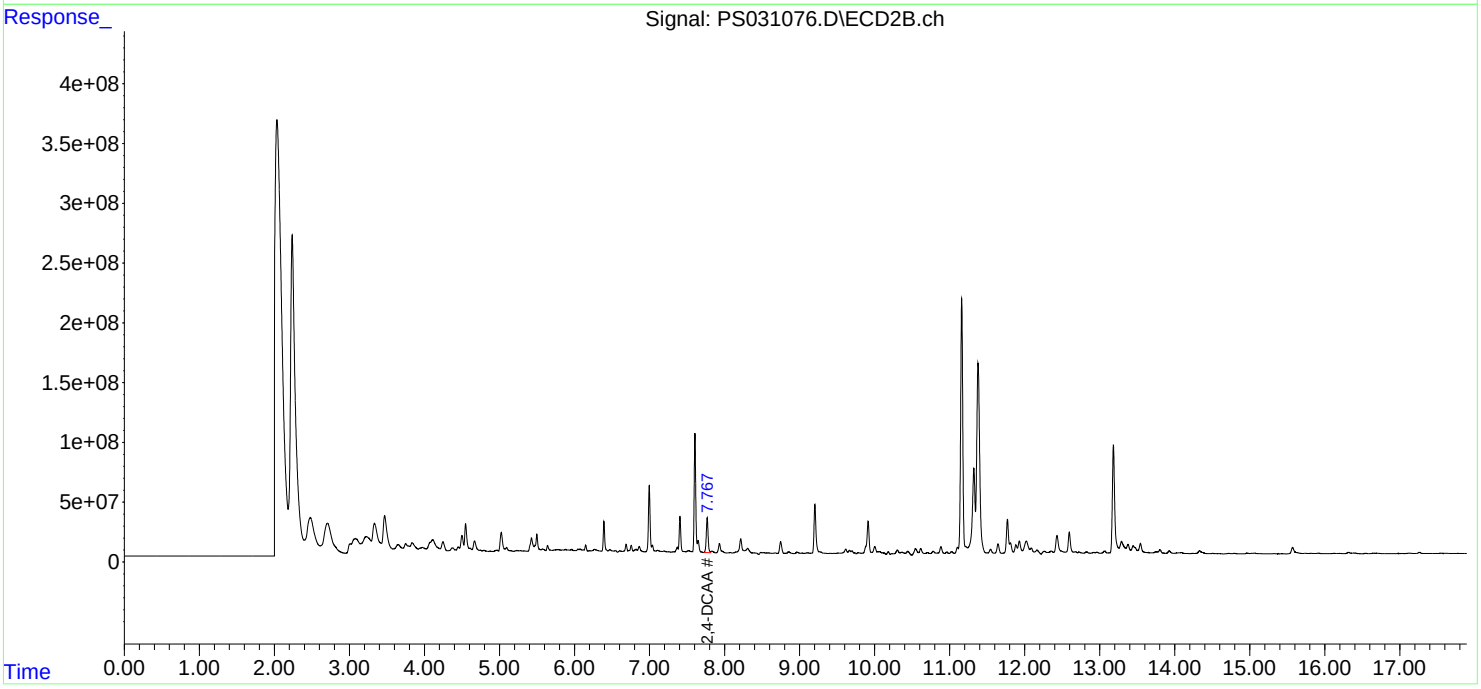
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
Data File : PS031076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 20:18
Operator : AR\AJ
Sample : Q2489-06RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

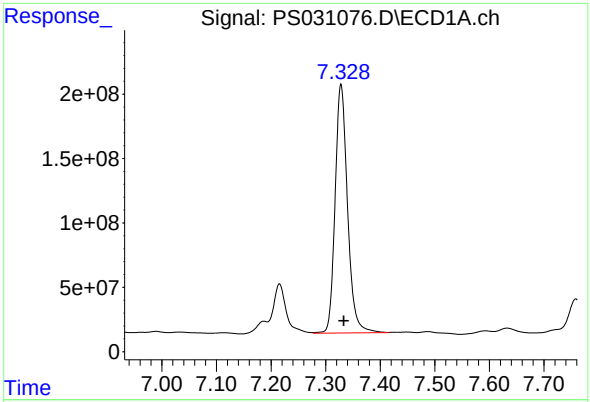
Instrument :
ECD_S
ClientSampleId :
G2(6-12)RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 02:15:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



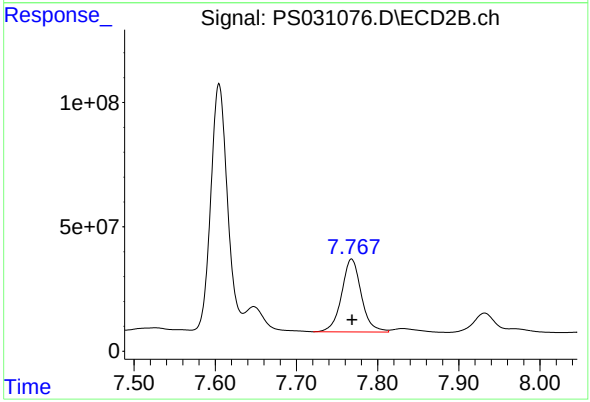




#4 2,4-DCAA

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 3049753686
Conc: 771.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
G2(6-12)RE



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 493792460
Conc: 476.62 ng/ml

Raw Data: **PS031044.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-07	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031044.D	1	07/14/25 10:14	07/15/25 23:11	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	613		61 - 136	123%	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\PS071525\
Data File : PS031044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 23:11
Operator : AR\AJ
Sample : Q2489-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G1(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:51:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.329	7.767	2426.4E6	525.0E6	613.487	506.783
	Target Compounds						

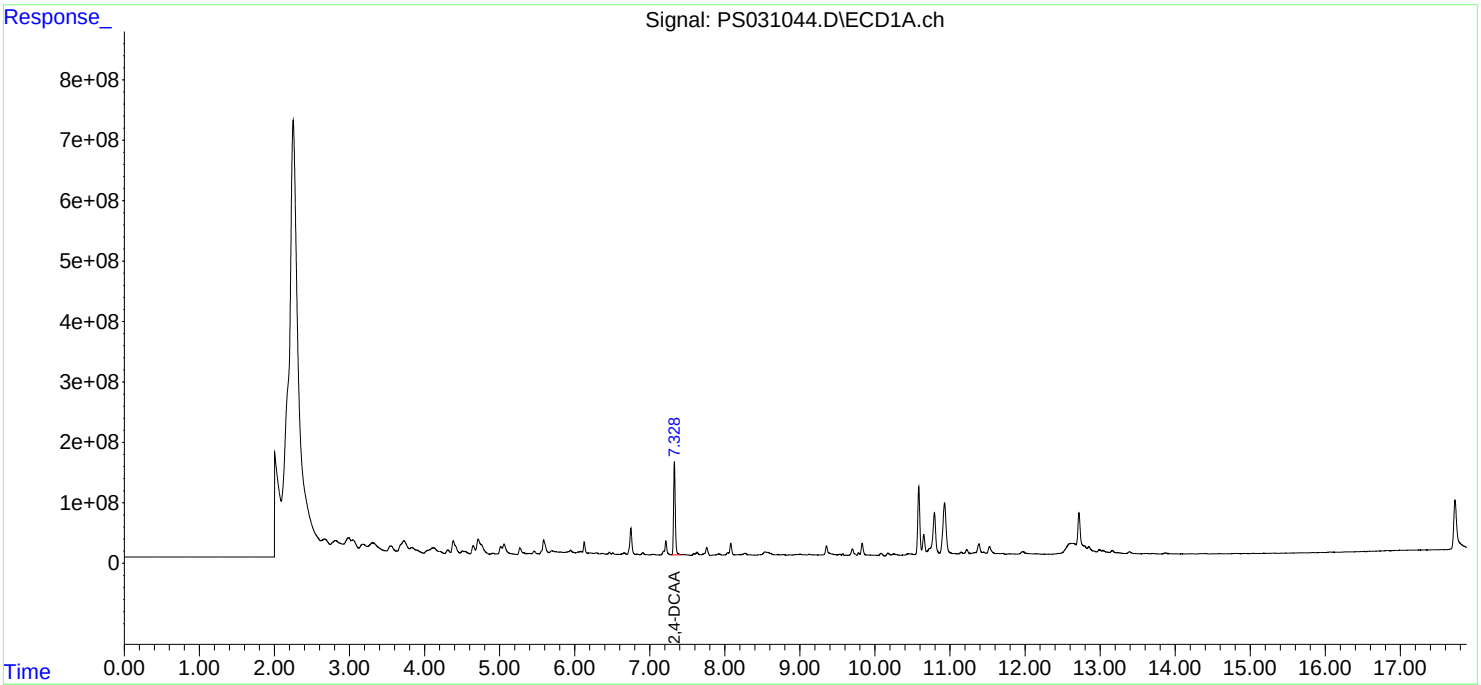
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

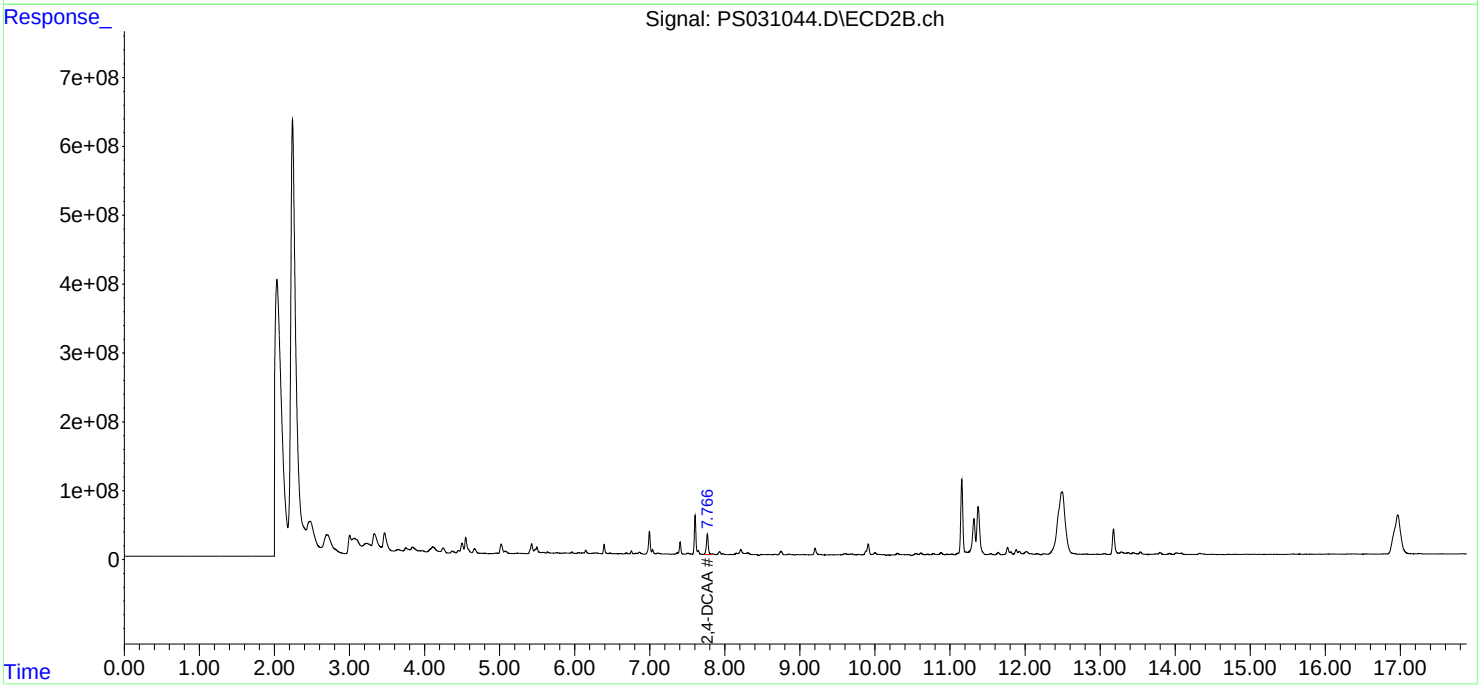
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 23:11
Operator : AR\AJ
Sample : Q2489-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

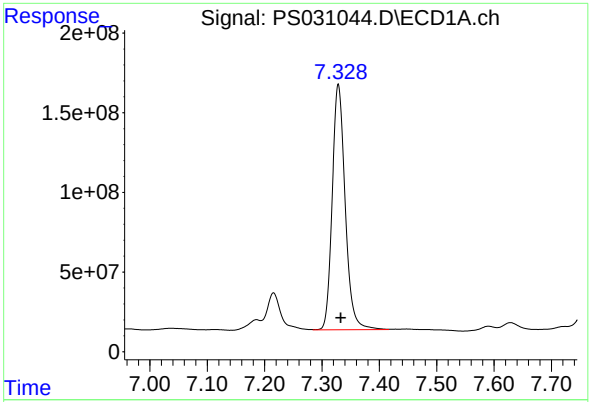
Instrument :
ECD_S
ClientSampleId :
G1(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:51:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



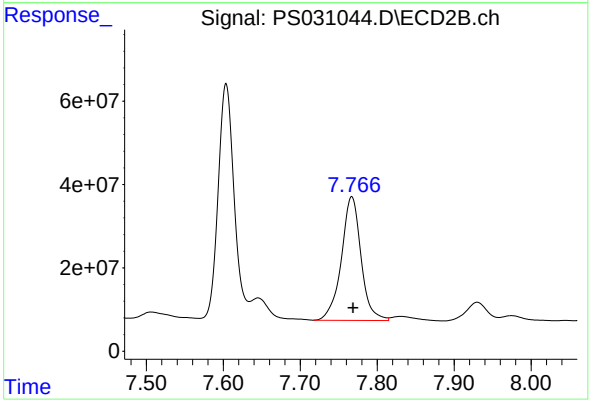




#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 2426386636
Conc: 613.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
G1(0-6)



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 525043765
Conc: 506.78 ng/ml

Raw Data: **PS031045.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-08	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031045.D	1	07/14/25 10:14	07/15/25 23:35	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	538		61 - 136	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031045.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 23:35
Operator : AR\AJ
Sample : Q2489-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G1(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:52:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.328	7.766	2126.9E6	489.8E6	537.772	472.779
	Target Compounds						

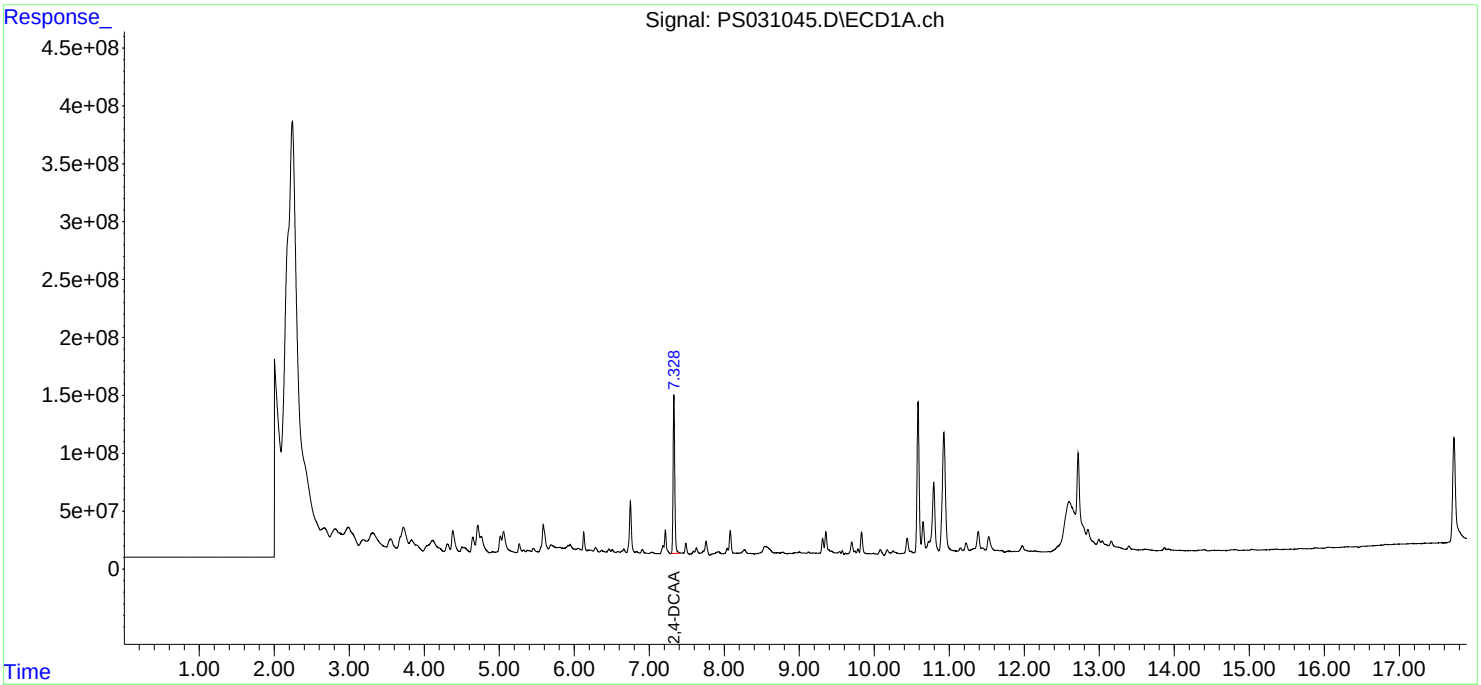
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

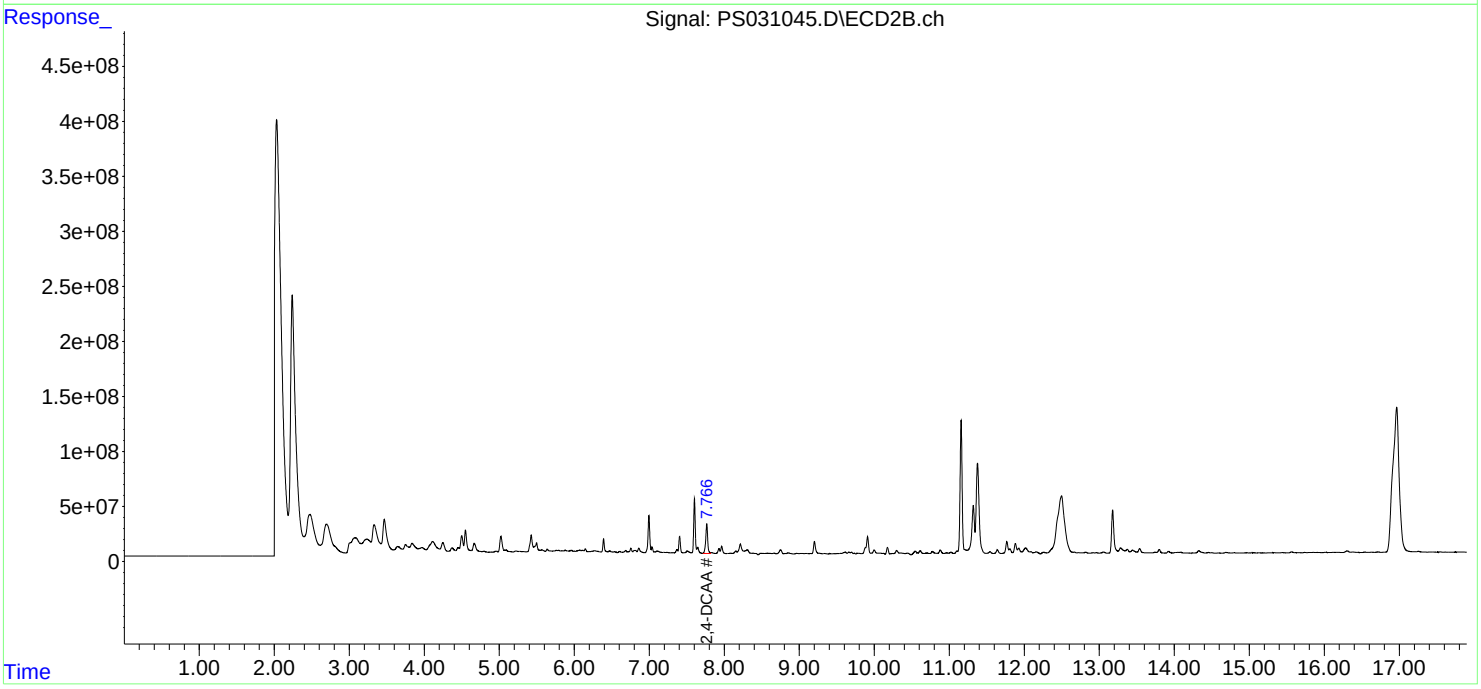
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031045.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 23:35
Operator : AR\AJ
Sample : Q2489-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

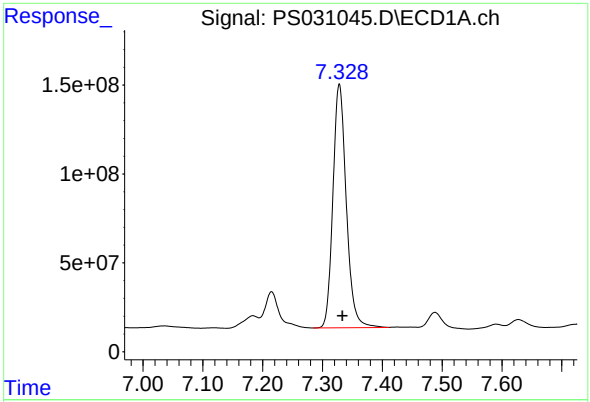
Instrument :
ECD_S
ClientSampleId :
G1(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:52:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



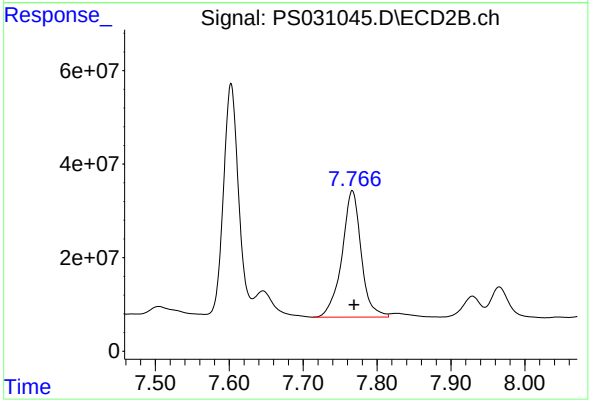




#4 2,4-DCAA

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 2126929010
Conc: 537.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
G1(6-12)



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 489814899
Conc: 472.78 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: WALS01
SDG NO.: Q2489
Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

LAB FILE ID: RT 200 = PS031006.D RT 500 = PS031007.D
RT 750 = PS031008.D RT 1000 = PS031009.D RT 1500 = PS031010.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.35	9.35	9.35	9.35	9.35	9.35	9.25	9.45
2,4-D	8.47	8.47	8.47	8.47	8.47	8.47	8.37	8.57
2,4-DCAA	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43

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: WALS01
SDG NO.: Q2489
Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

LAB FILE ID: RT 200 = PS031006.D RT 500 = PS031007.D
RT 750 = PS031008.D RT 1000 = PS031009.D RT 1500 = PS031010.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
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-DCAA	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87

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: WALS01
SDG NO.: Q2489
Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

LAB FILE ID: CF 200 = PS031006.D CF 500 = PS031007.D
CF 750 = PS031008.D CF 1000 = PS031009.D CF 1500 = PS031010.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	20737500000	18270800000	18189000000	18194100000	17662300000	18610700000	7
2,4-D	3556670000	2984170000	2931980000	2976850000	2942510000	3078440000	9
2,4-DCAA	4821770000	3910250000	3755950000	3730170000	3557220000	3955070000	13

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: WALS01
SDG NO.: Q2489
Calibration Date(s): 07/11/2025 07/11/2025
Calibration Times: 16:00 17:36

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

LAB FILE ID: CF 200 = PS031006.D CF 500 = PS031007.D
CF 750 = PS031008.D CF 1000 = PS031009.D CF 1500 = PS031010.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	17216300000	14510800000	14174600000	14131100000	13346200000	14675800000	10
2,4-D	2058060000	1665160000	1617550000	1610710000	1545850000	1699460000	12
2,4-DCAA	1258080000	1011280000	984071000	981302000	945431000	1036030000	12

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:00
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:15:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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	7.332	7.769	964.4E6	251.6E6	256.754m	255.689
		Target Compounds						
1)	T	Dalapon	2.699	2.707	1359.2E6	617.1E6	234.829	227.615
2)	T	3,5-DICHL...	6.494	6.716	1194.0E6	350.5E6	239.542	238.175
3)	T	4-Nitroph...	7.134	7.304	287.7E6	359.3E6	223.294	214.127
5)	T	DICAMBA	7.522	7.970	3524.3E6	1373.6E6	234.582	219.396
6)	T	MCPP	7.700	8.065	153.7E6	38941915	16.629	18.218
7)	T	MCPA	7.850	8.313	193.7E6	62375962	18.027	19.647
8)	T	DICHLORPROP	8.234	8.691	779.7E6	349.8E6	241.890	242.016
9)	T	2,4-D	8.468	9.028	668.7E6	386.9E6	228.056	239.199
10)	T	Pentachlo...	8.773	9.550	12014.7E6	8612.5E6	235.540	226.008
11)	T	2,4,5-TP ...	9.353	9.932	3940.1E6	3271.1E6	216.622	230.772
12)	T	2,4,5-T	9.649	10.359	3069.2E6	3091.2E6	206.998	228.467
13)	T	2,4-DB	10.228	10.928	436.6E6	268.4E6	209.069	238.332
14)	T	DINOSEB	11.441	11.310	2709.5E6	2482.1E6	211.237	227.323
15)	T	Picloram	11.264	12.425	2682.2E6	4609.1E6	187.392	197.690
16)	T	DCPA	11.736	12.355	5033.6E6	4982.0E6	215.340	227.114

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:00
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

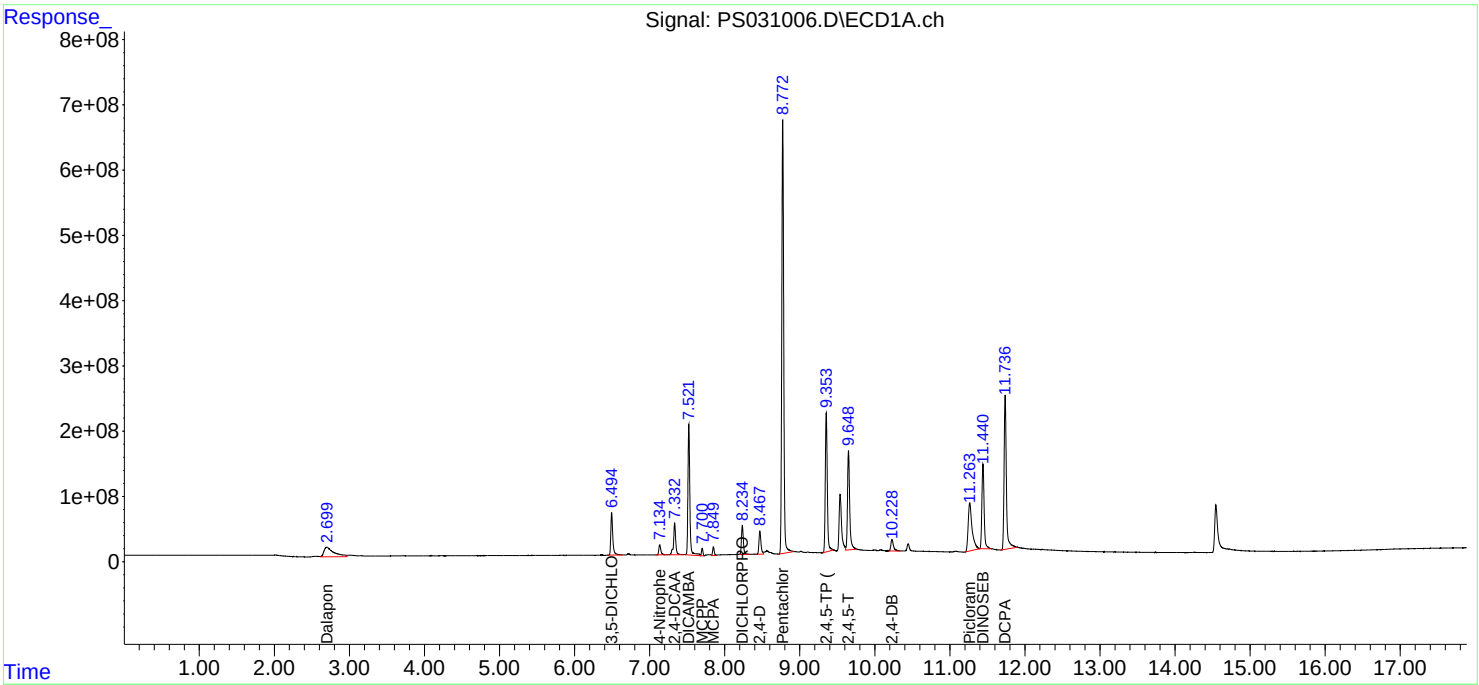
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

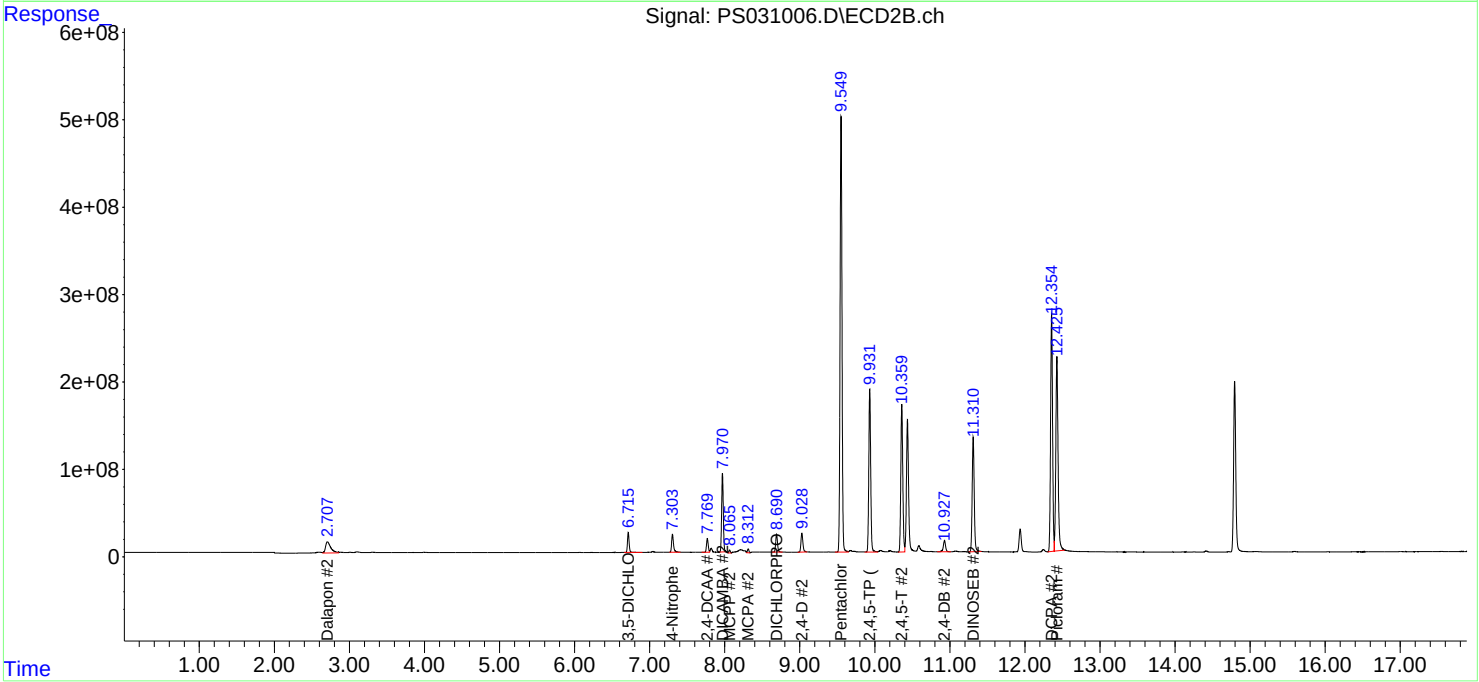
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:15:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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\PS071125\
Data File : PS031007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:24
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:15:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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	7.333	7.769	1955.1E6	505.6E6	520.541m	513.825
		Target Compounds						
1)	T	Dalapon	2.695	2.706	2710.6E6	1273.1E6	468.306	469.589
2)	T	3,5-DICHL...	6.494	6.715	2408.8E6	699.2E6	483.265	475.046
3)	T	4-Nitroph...	7.133	7.302	604.5E6	764.7E6	469.192	455.711
5)	T	DICAMBA	7.522	7.971	7262.3E6	2954.3E6	483.393	471.852
6)	T	MCPP	7.701	8.067	405.3E6	97457930	43.845	45.592
7)	T	MCPA	7.851	8.316	473.4E6	143.2E6	44.051	45.117
8)	T	DICHLORPROP	8.234	8.690	1564.2E6	700.8E6	485.278	484.884
9)	T	2,4-D	8.467	9.028	1402.6E6	782.6E6	478.366	483.834
10)	T	Pentachlo...	8.773	9.550	25005.5E6	18493.4E6	490.216	485.303
11)	T	2,4,5-TP ...	9.352	9.931	8678.6E6	6892.6E6	477.136	486.265
12)	T	2,4,5-T	9.647	10.359	6951.4E6	6538.4E6	468.828	483.243
13)	T	2,4-DB	10.225	10.926	970.0E6	546.9E6	464.473	485.707
14)	T	DINOSEB	11.438	11.310	5994.7E6	5205.5E6	467.344	476.757
15)	T	Picloram	11.256	12.422	6552.3E6	10862.6E6	457.775	465.908
16)	T	DCPA	11.736	12.354	11264.6E6	10701.1E6	481.906	487.830

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:24
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

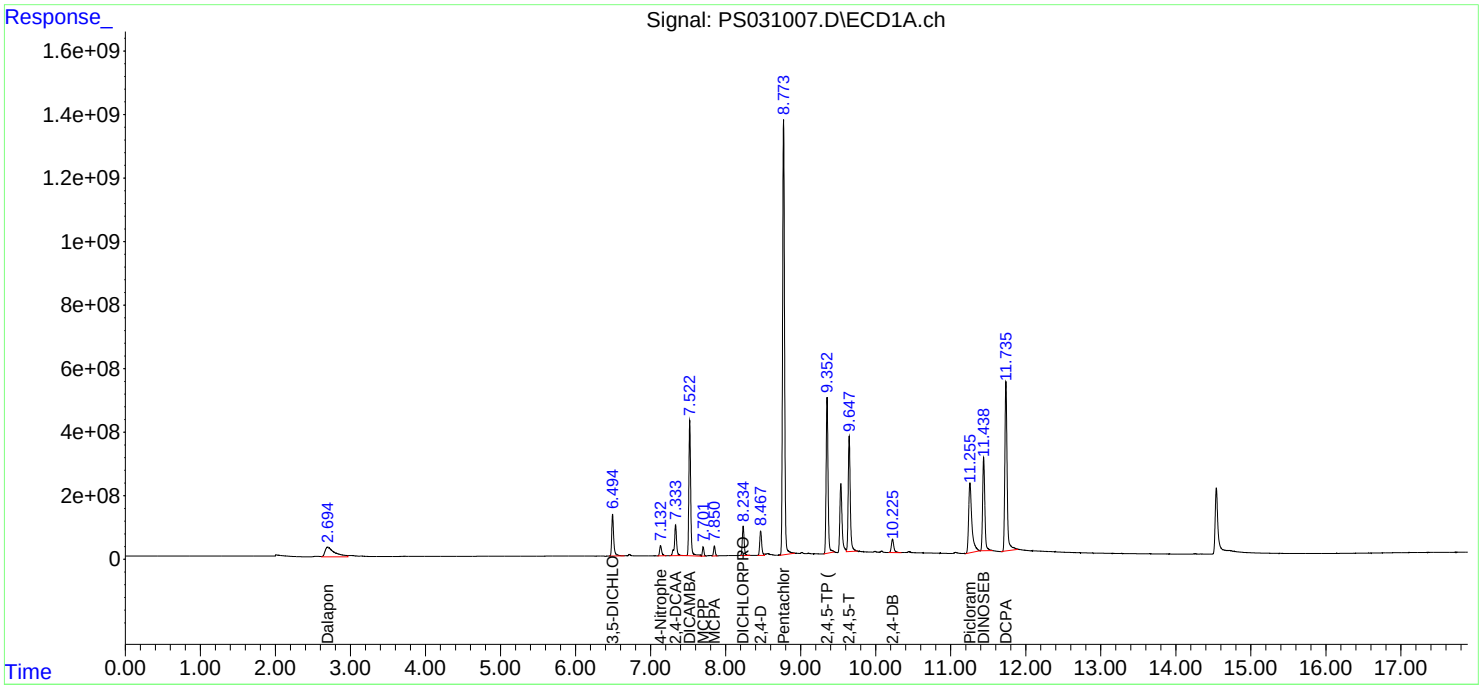
Instrument :
ECD_S
ClientSampleId :
HSTDICC500

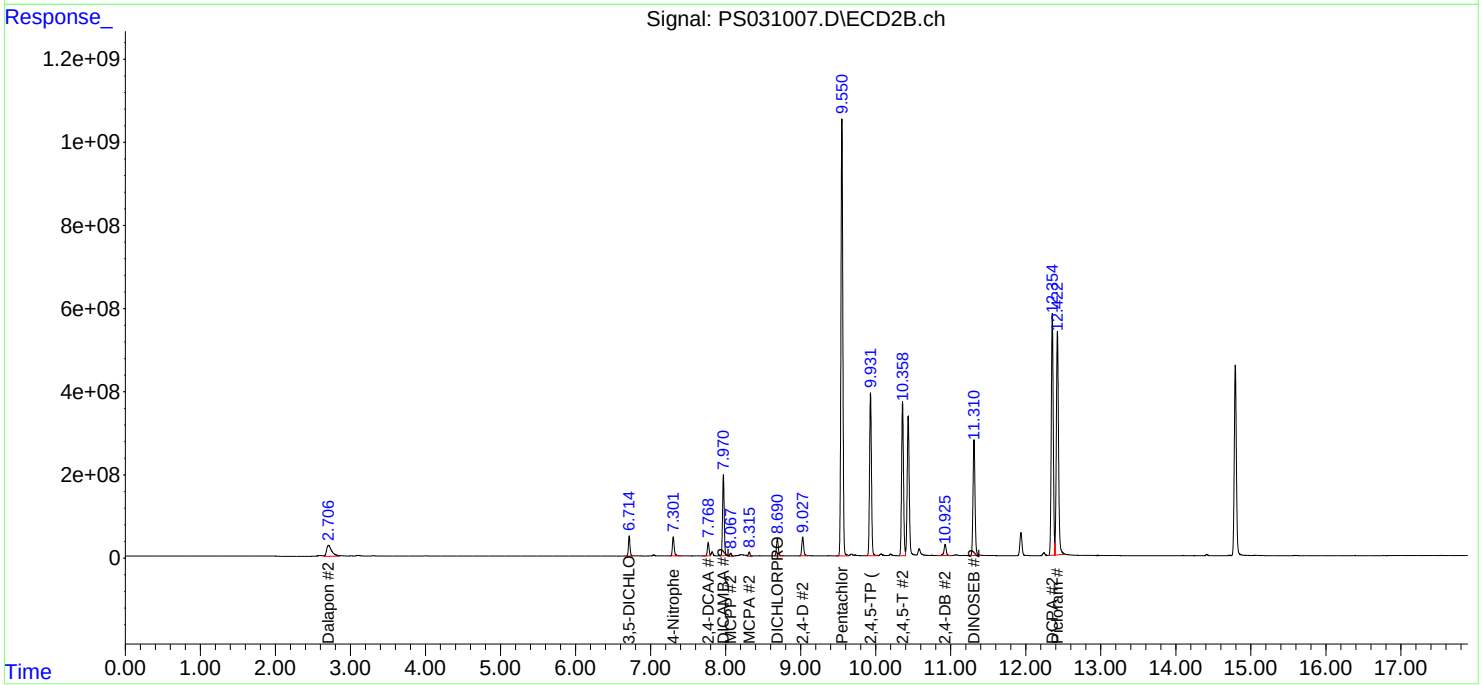
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:15:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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\PS071125\
Data File : PS031008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:48
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:16:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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	7.333	7.769	2817.0E6	738.1E6	750.000	750.000
		Target Compounds						
1)	T	Dalapon	2.698	2.708	3950.3E6	1850.4E6	682.500	682.500
2)	T	3,5-DICHL...	6.494	6.715	3476.6E6	1026.6E6	697.500	697.500
3)	T	4-Nitroph...	7.132	7.301	879.4E6	1145.2E6	682.500	682.500
5)	T	DICAMBA	7.522	7.971	10591.7E6	4414.0E6	705.000	705.000
6)	T	MCPP	7.703	8.069	651.6E6	150.7E6	70.500	70.500
7)	T	MCPA	7.853	8.319	749.6E6	221.4E6	69.750	69.750
8)	T	DICHLORPROP	8.235	8.691	2272.5E6	1019.0E6	705.000	705.000
9)	T	2,4-D	8.467	9.027	2067.0E6	1140.4E6	705.000	705.000
10)	T	Pentachlo...	8.773	9.550	36344.0E6	27151.2E6	712.500	712.500
11)	T	2,4,5-TP ...	9.353	9.932	12959.6E6	10099.4E6	712.500	712.500
12)	T	2,4,5-T	9.647	10.358	10564.4E6	9640.2E6	712.500	712.500
13)	T	2,4-DB	10.225	10.926	1487.9E6	802.3E6	712.500	712.500
14)	T	DINOSEB	11.439	11.310	9043.1E6	7697.6E6	705.000	705.000
15)	T	Picloram	11.254	12.421	10198.3E6	16611.9E6	712.500	712.500
16)	T	DCPA	11.736	12.354	16830.2E6	15794.1E6	720.000	720.000

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

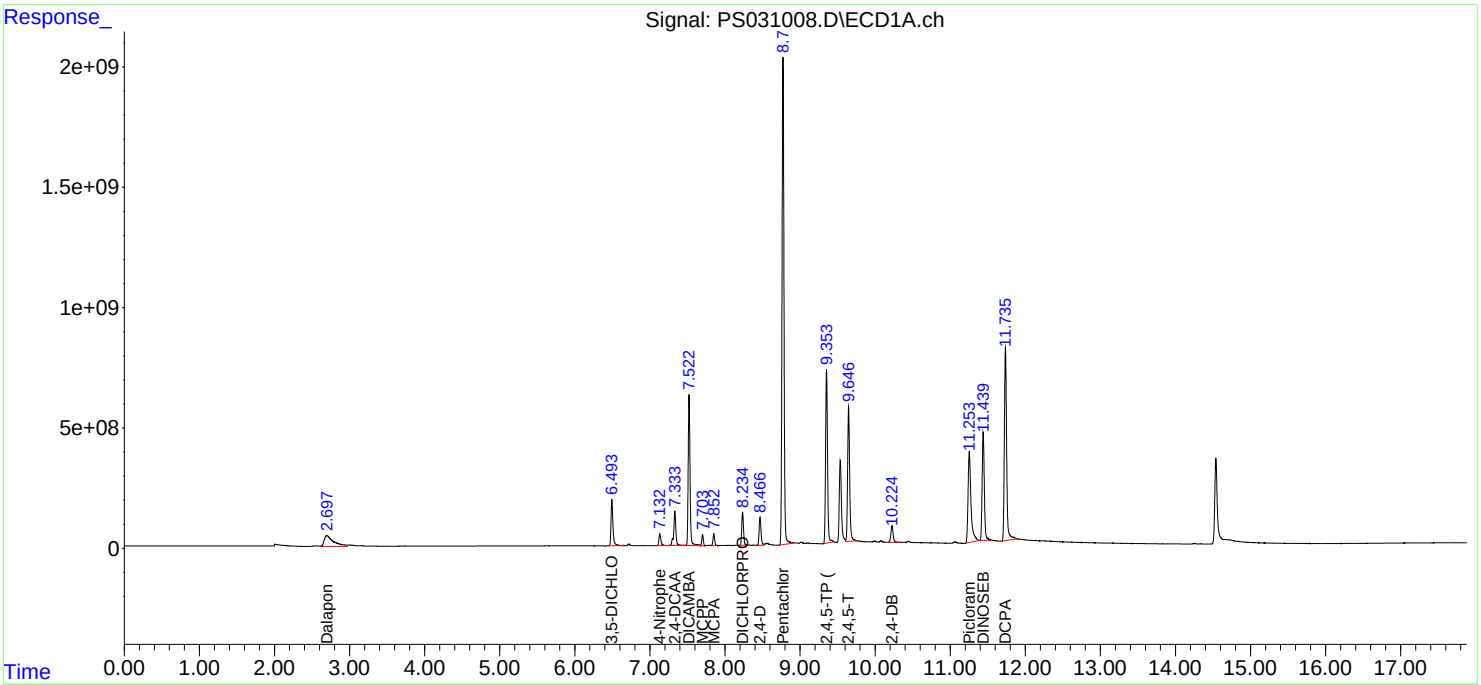
ICAL Form

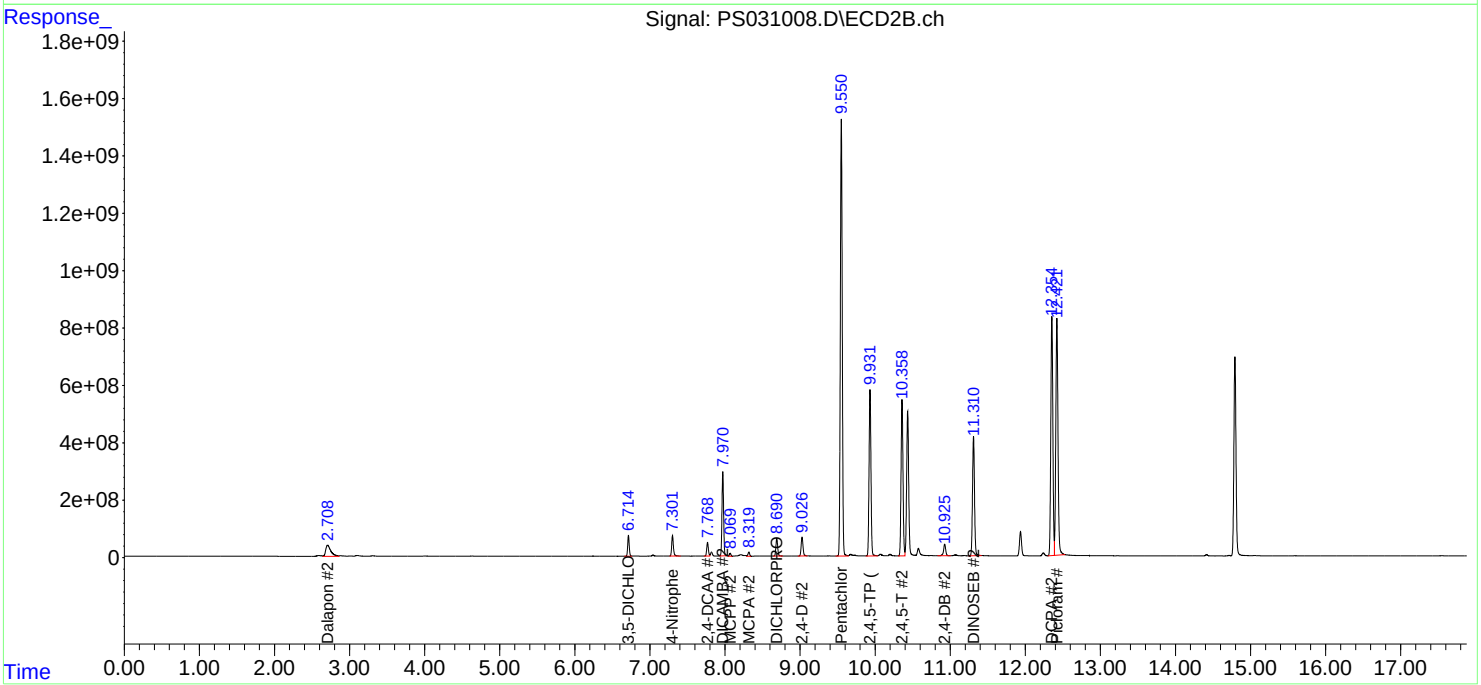
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:48
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:16:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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\PS071125\
Data File : PS031009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 17:12
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:16:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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	7.333	7.769	3730.2E6	981.3E6	993.136	997.186
		Target Compounds						
1)	T	Dalapon	2.699	2.707	5242.2E6	2470.8E6	905.706	911.320
2)	T	3,5-DICHL...	6.494	6.715	4586.7E6	1368.9E6	920.211	930.100
3)	T	4-Nitroph...	7.132	7.301	1171.9E6	1553.4E6	909.484	925.730
5)	T	DICAMBA	7.522	7.971	14074.6E6	5978.4E6	936.831	954.851
6)	T	MCPP	7.705	8.072	923.0E6	208.2E6	99.864	97.395
7)	T	MCPA	7.855	8.321	1059.6E6	300.4E6	98.600	94.607
8)	T	DICHLORPROP	8.234	8.691	3026.5E6	1345.3E6	938.920	930.730
9)	T	2,4-D	8.466	9.027	2798.2E6	1514.1E6	954.385	936.026
10)	T	Pentachlo...	8.777	9.551	45014.0E6	36061.1E6	882.468	946.312
11)	T	2,4,5-TP ...	9.353	9.933	17284.4E6	13424.5E6	950.271	947.084
12)	T	2,4,5-T	9.647	10.359	14457.9E6	12860.2E6	975.095	950.482
13)	T	2,4-DB	10.224	10.926	2058.2E6	1075.0E6	985.558	954.692
14)	T	DINOSEB	11.439	11.311	12265.4E6	10343.6E6	956.211	947.331
15)	T	Picloram	11.252	12.421	14210.5E6	22631.9E6	992.807	970.701
16)	T	DCPA	11.736	12.355	22762.4E6	20994.2E6	973.783	957.057

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

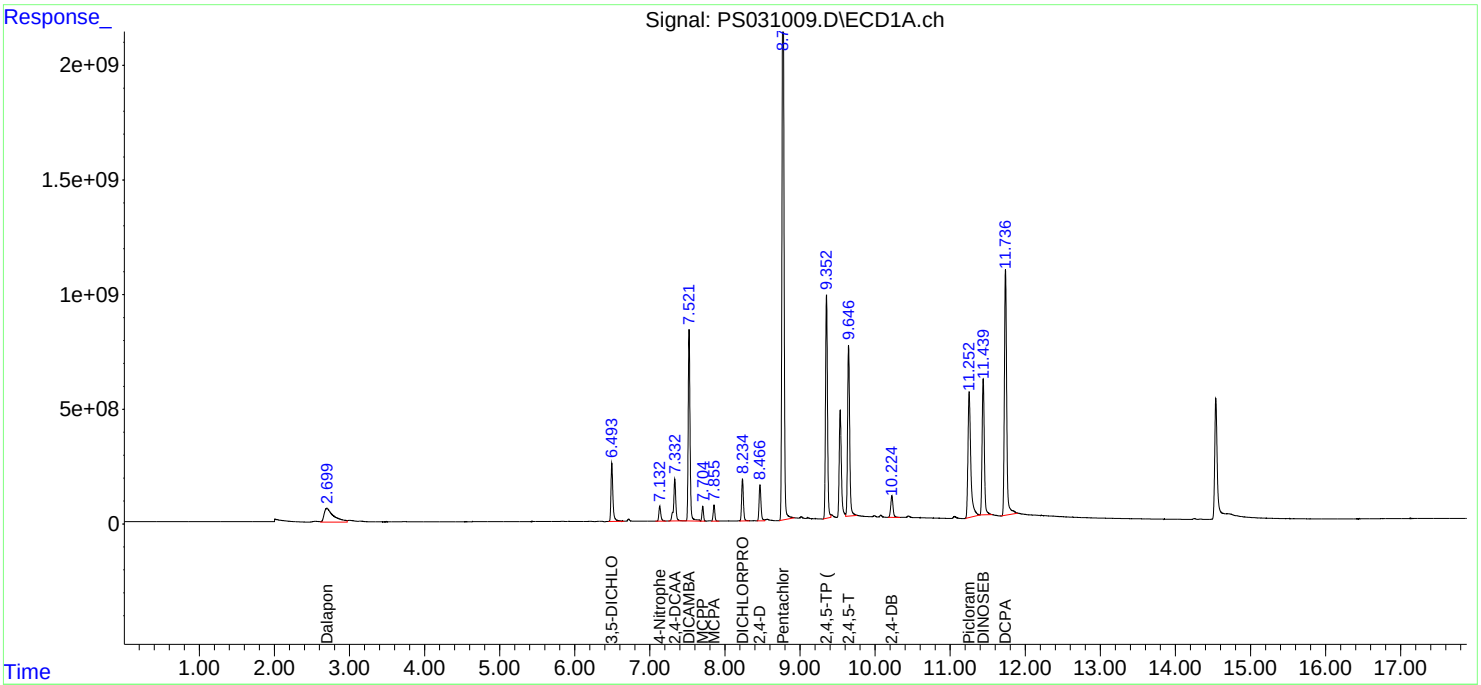
ICAL Form

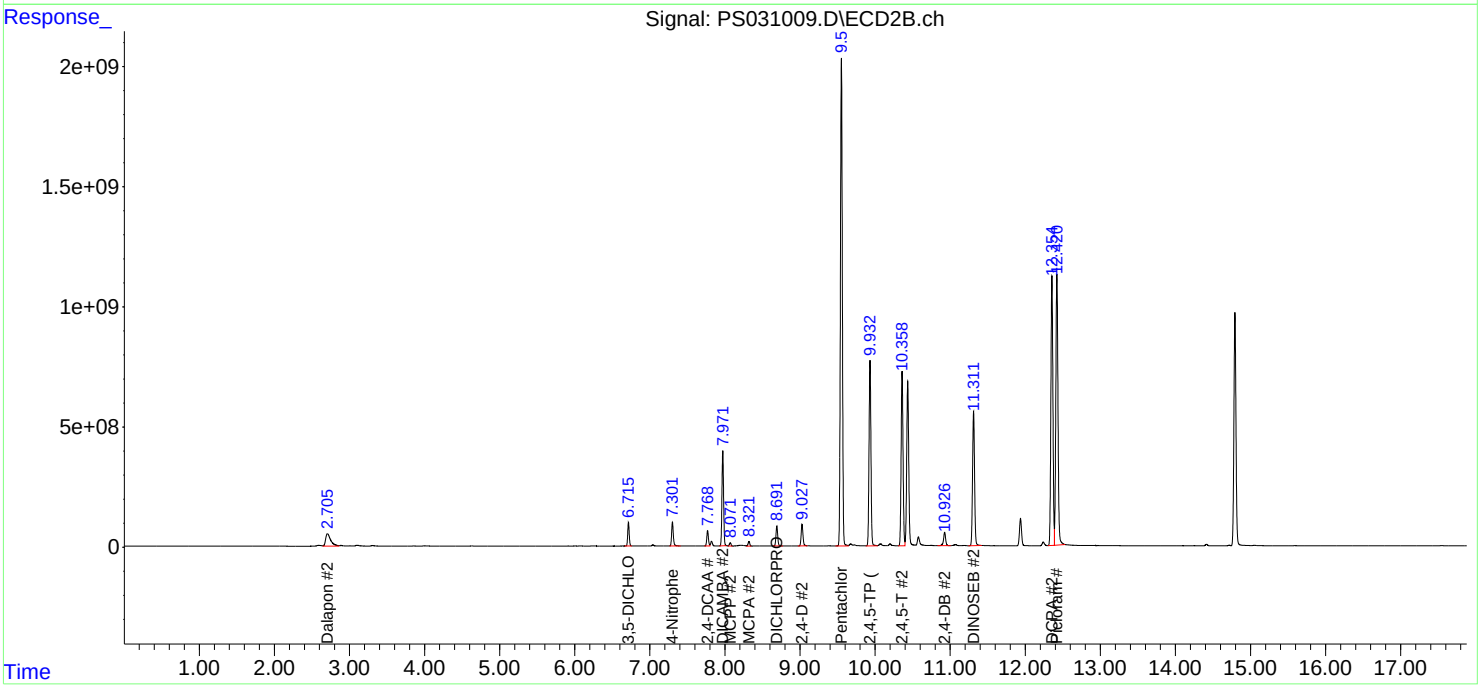
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 17:12
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:16:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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\PS071125\
Data File : PS031010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 17:36
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:16:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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	7.332	7.767	5335.8E6	1418.1E6	1420.633m	1441.103
		Target Compounds						
1)	T	Dalapon	2.698	2.707	7486.5E6	3547.9E6	1293.460	1308.613
2)	T	3,5-DICHL...	6.493	6.714	6524.9E6	1980.6E6	1309.060	1345.701
3)	T	4-Nitroph...	7.131	7.300	1725.8E6	2292.6E6	1339.368	1366.259
5)	T	DICAMBA	7.521	7.970	20106.6E6	8698.0E6	1338.332	1389.226
6)	T	MCPP	7.707	8.074	1430.6E6	309.1E6	154.781	144.613
7)	T	MCPA	7.857	8.324	1645.7E6	445.0E6	153.134	140.171
8)	T	DICHLORPROP	8.234	8.689	4381.4E6	1928.8E6	1359.272	1334.416
9)	T	2,4-D	8.466	9.025	4148.9E6	2179.6E6	1415.062	1347.498
10)	T	Pentachlo...	8.782	9.550	52777.9E6	46094.6E6	1034.675	1209.611
11)	T	2,4,5-TP ...	9.352	9.931	25168.8E6	19018.3E6	1383.742	1341.717
12)	T	2,4,5-T	9.646	10.358	21706.0E6	18321.9E6	1463.931	1354.148
13)	T	2,4-DB	10.223	10.925	3219.3E6	1559.4E6	1541.540	1384.859
14)	T	DINOSEB	11.439	11.310	18156.7E6	14885.6E6	1415.498	1363.317
15)	T	Picloram	11.250	12.420	22339.0E6	32971.5E6	1560.697	1414.175
16)	T	DCPA	11.735	12.353	32997.7E6	29826.3E6	1411.653	1359.686m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 17:36
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

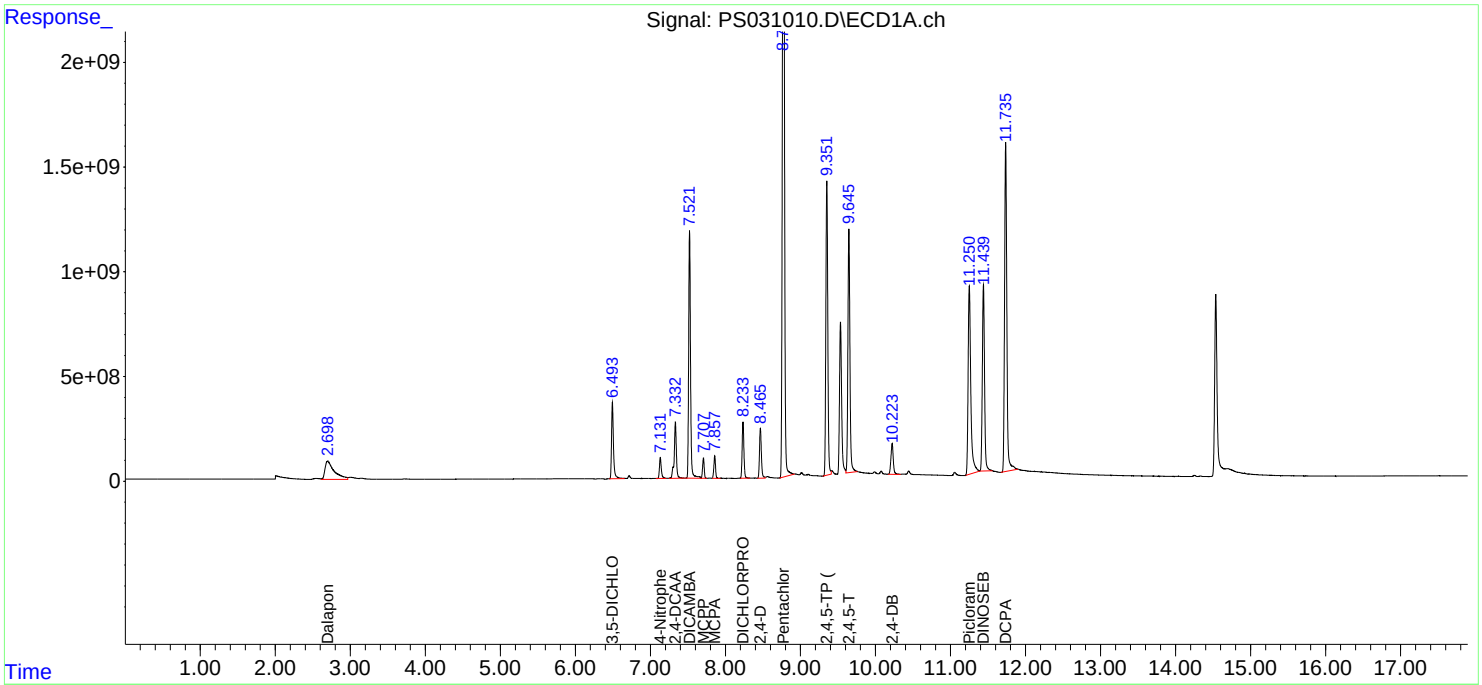
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

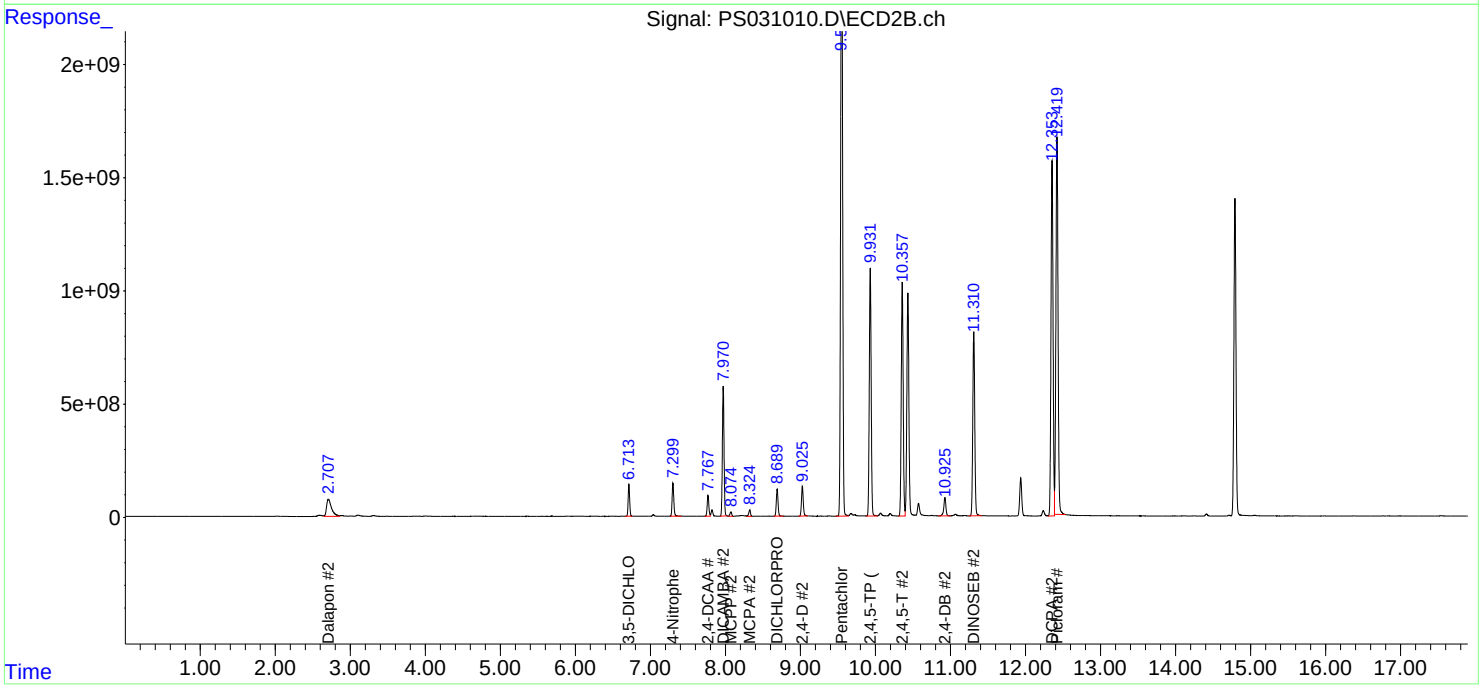
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:16:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 03:14:30 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\PS071125\
Data File : PS031011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 18:00
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ICVPS071125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 06:06:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.332	7.768	2825.0E6	731.4E6	714.274	705.963
		Target Compounds						
1)	T	Dalapon	2.695	2.706	3939.2E6	1843.1E6	646.655	648.311
2)	T	3,5-DICHL...	6.493	6.714	3460.4E6	1019.8E6	660.550	657.810
3)	T	4-Nitroph...	7.132	7.301	889.5E6	1143.6E6	658.879	655.777
5)	T	DICAMBA	7.521	7.970	10533.5E6	4396.1E6	671.311	678.778
6)	T	MCPP	7.703	8.069	652.1E6	151.4E6	70.866	70.806
7)	T	MCPA	7.852	8.318	753.4E6	219.4E6	69.076	68.455
8)	T	DICHLORPROP	8.234	8.690	2289.8E6	1012.0E6	672.461	666.146
9)	T	2,4-D	8.466	9.026	2119.0E6	1134.8E6	688.327	667.745
10)	T	Pentachlo...	8.772	9.550	36604.6E6	27066.6E6	728.282	702.389
11)	T	2,4,5-TP ...	9.351	9.931	13144.8E6	10082.1E6	706.301	686.990
12)	T	2,4,5-T	9.646	10.358	10944.0E6	9628.3E6	719.369	688.141
13)	T	2,4-DB	10.224	10.926	1553.9E6	805.1E6	715.821	680.422
14)	T	DINOSEB	11.439	11.311	9337.6E6	7679.2E6	708.255	676.490
15)	T	Picloram	11.253	12.421	10790.8E6	16807.3E6	740.520	715.792
16)	T	DCPA	11.736	12.354	17450.4E6	15781.9E6	729.009	699.801

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

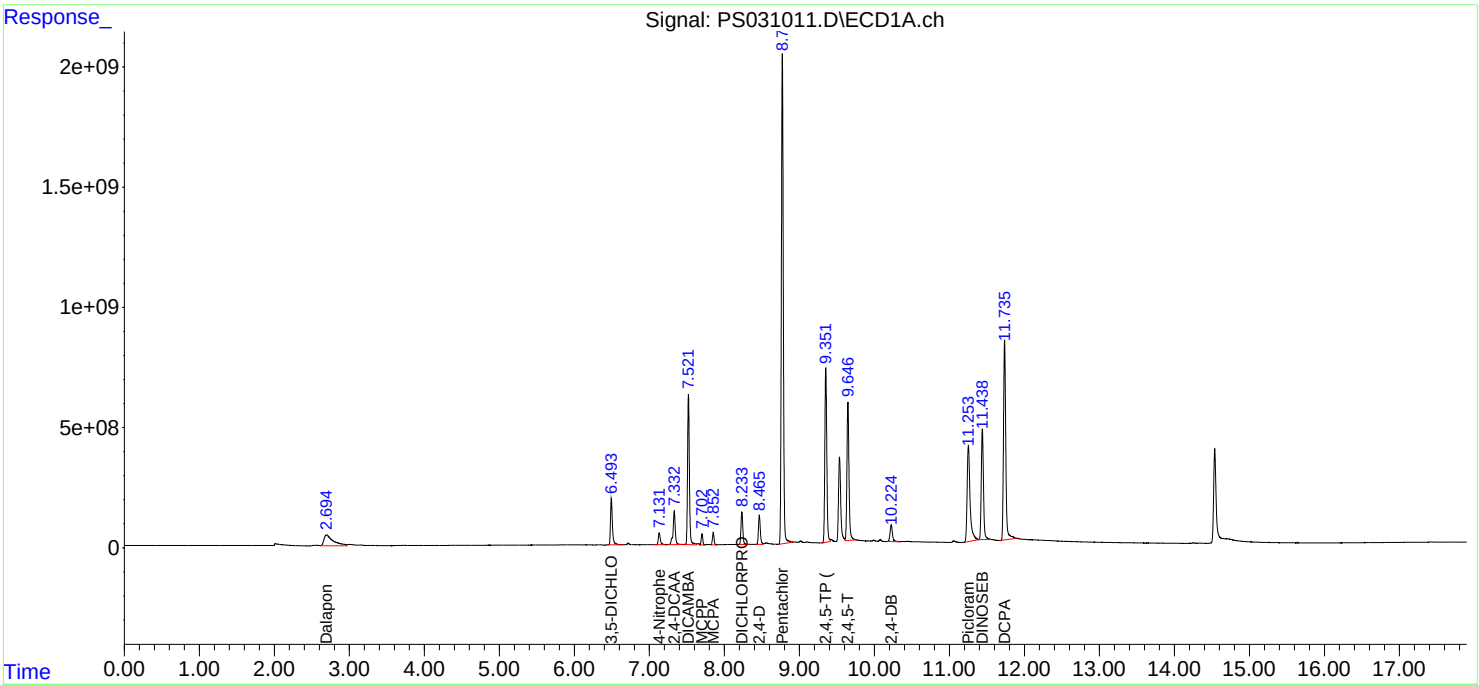
ICAL Form

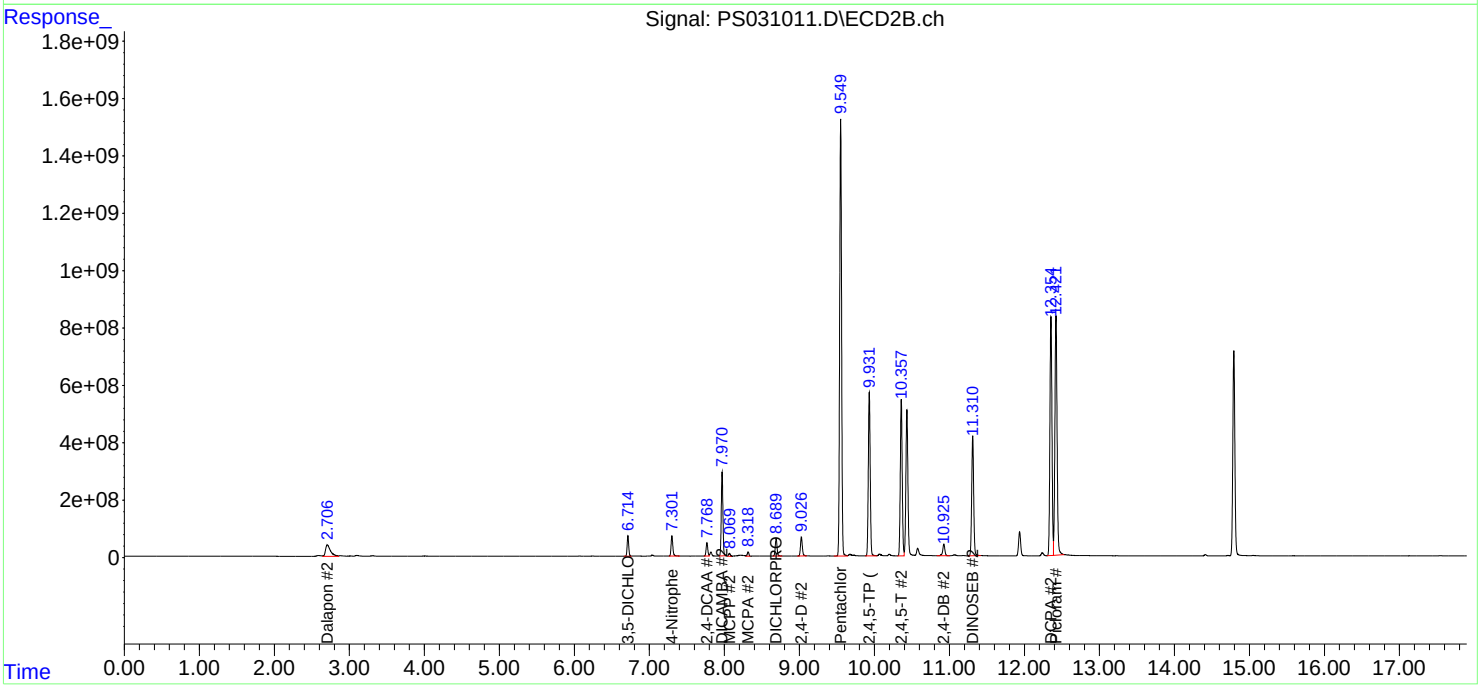
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 18:00
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ICVPS071125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 06:06:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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 0.25µm





Raw Data: **PS031031.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/15/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 17:57 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
2,4-D	8.46	8.47	8.37	8.57	0.01
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00

Raw Data: **PS031031.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/15/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 17:57 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.77	7.77	7.67	7.87	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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/15/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031031.D **Time Analyzed:** 17:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.349	9.253	9.453	790.810	712.500	11.0
2,4-D	8.463	8.367	8.567	800.550	705.000	13.6
2,4-DCAA	7.330	7.233	7.433	705.580	750.000	-5.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/15/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031031.D **Time Analyzed:** 17:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.931	9.832	10.032	700.050	712.500	-1.7
2,4-D	9.026	8.927	9.127	769.490	705.000	9.1
2,4-DCAA	7.768	7.669	7.869	686.980	750.000	-8.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 17:57
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 16 02:22:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.330	7.768	2790.6E6	711.7E6	705.580	686.981
		Target Compounds						
1)	T	Dalapon	2.697	2.707	3728.7E6	1670.5E6	612.098	587.610
2)	T	3,5-DICHL...	6.492	6.715	3602.4E6	978.5E6	687.665	631.122
3)	T	4-Nitroph...	7.129	7.301	1017.7E6	1130.8E6	753.857m	648.429
5)	T	DICAMBA	7.520	7.970	9472.0E6	4191.4E6	603.664	647.181
6)	T	MCPP	7.700	8.070	608.6E6	129.0E6	66.141m	60.333
7)	T	MCPA	7.850	8.318	762.7E6	215.5E6	69.927m	67.217
8)	T	DICHLORPROP	8.231	8.690	2764.4E6	1107.9E6	811.831	729.213
9)	T	2,4-D	8.463	9.026	2464.5E6	1307.7E6	800.555m	769.485
10)	T	Pentachlo...	8.769	9.550	37920.9E6	26909.4E6	754.471m	698.310
11)	T	2,4,5-TP ...	9.349	9.931	14717.5E6	10273.8E6	790.806m	700.051
12)	T	2,4,5-T	9.643	10.357	12021.5E6	9203.3E6	790.196m	657.766
13)	T	2,4-DB	10.222	10.925	1556.5E6	778.5E6	717.022	657.944
14)	T	DINOSEB	11.436	11.310	10081.0E6	7543.6E6	764.643m	664.544
15)	T	Picloram	11.246	12.419	14334.4E6	16908.0E6	983.696m	720.080 #
16)	T	DCPA	11.732	12.354	18815.2E6	15402.6E6	786.022m	682.984

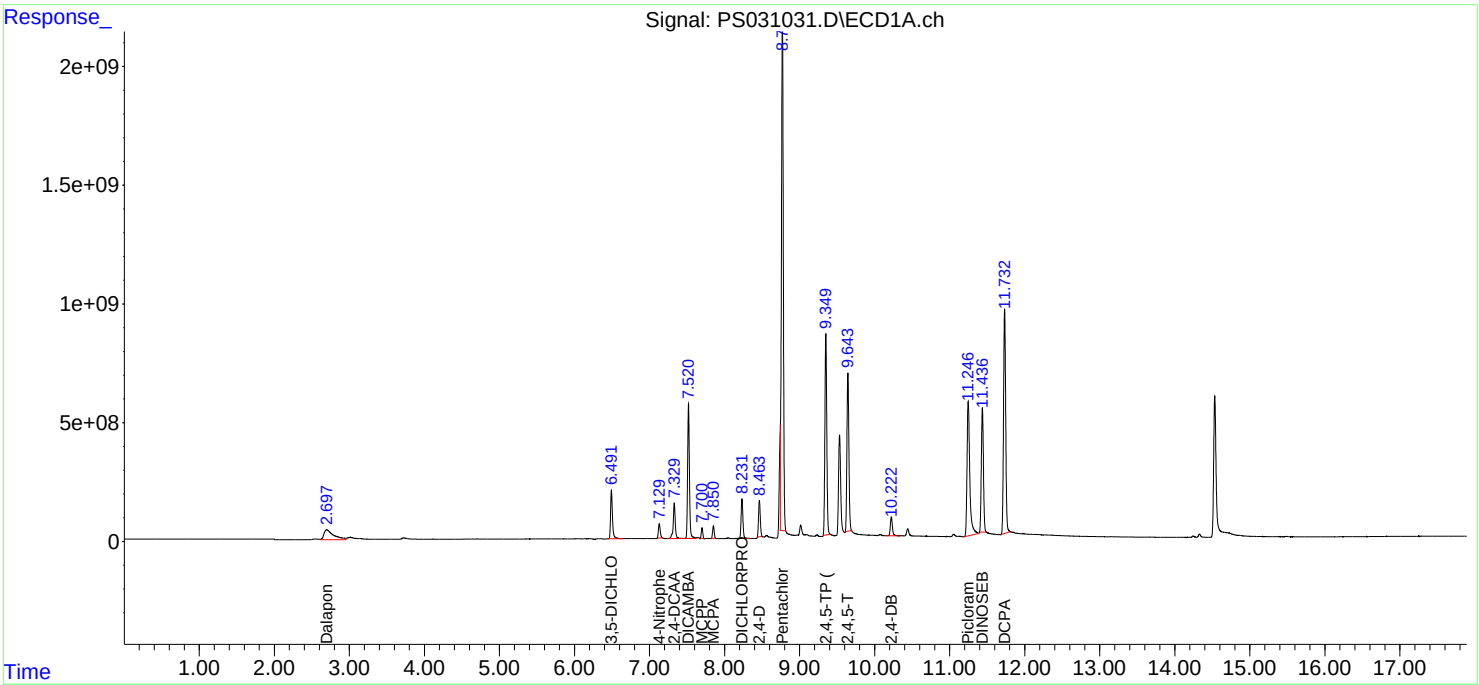
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

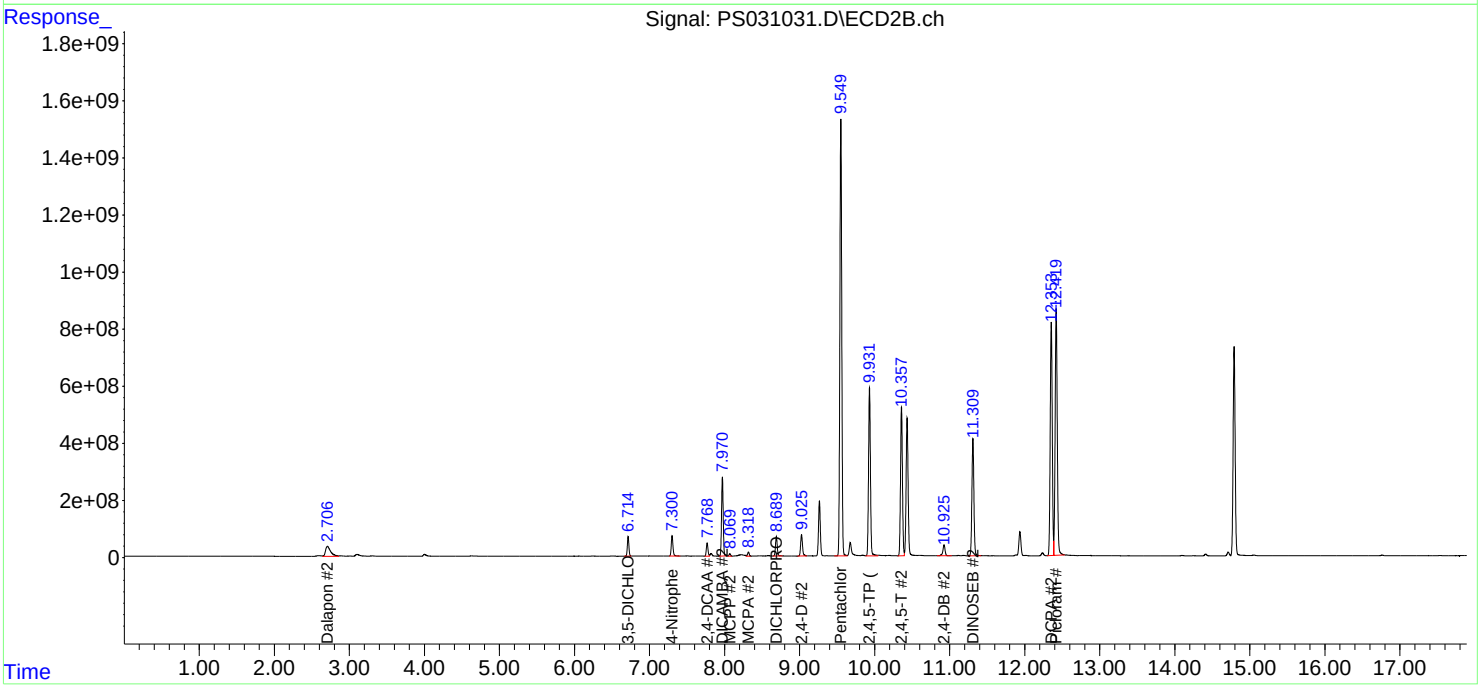
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 17:57
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:22:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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 0.25µm





Raw Data: **PS031047.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/16/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 00:48 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
2,4-D	8.46	8.47	8.37	8.57	0.01
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00

Raw Data: **PS031047.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/16/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 00:48 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.03	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/16/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031047.D **Time Analyzed:** 00:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.348	9.253	9.453	797.710	712.500	12.0
2,4-D	8.462	8.367	8.567	826.870	705.000	17.3
2,4-DCAA	7.330	7.233	7.433	708.400	750.000	-5.5

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/16/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031047.D **Time Analyzed:** 00:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.930	9.832	10.032	695.980	712.500	-2.3
2,4-D	9.025	8.927	9.127	770.790	705.000	9.3
2,4-DCAA	7.768	7.669	7.869	689.100	750.000	-8.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 00:48
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 16 02:44:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.330	7.768	2801.8E6	713.9E6	708.404	689.104
		Target Compounds						
1)	T	Dalapon	2.695	2.706	3695.2E6	1756.9E6	606.599	618.017
2)	T	3,5-DICHL...	6.491	6.715	3642.6E6	1004.7E6	695.344	648.049
3)	T	4-Nitroph...	7.128	7.301	1049.4E6	1136.3E6	777.333m	651.585
5)	T	DICAMBA	7.519	7.970	9538.2E6	4213.9E6	607.879	650.656
6)	T	MCPP	7.700	8.069	598.3E6	130.0E6	65.019m	60.824
7)	T	MCPA	7.849	8.318	764.3E6	208.8E6	70.080m	65.127
8)	T	DICHLORPROP	8.230	8.689	2763.9E6	1112.5E6	811.669	732.282
9)	T	2,4-D	8.462	9.025	2545.5E6	1309.9E6	826.874m	770.792
10)	T	Pentachlo...	8.767	9.549	38518.8E6	27019.4E6	766.366m	701.164
11)	T	2,4,5-TP ...	9.348	9.930	14845.9E6	10214.1E6	797.708m	695.983
12)	T	2,4,5-T	9.641	10.357	12550.0E6	9209.5E6	824.935m	658.203
13)	T	2,4-DB	10.220	10.924	1419.8E6	779.6E6	654.039m	658.939
14)	T	DINOSEB	11.433	11.309	10169.2E6	7502.7E6	771.337m	660.946
15)	T	Picloram	11.245	12.419	14246.0E6	16782.6E6	977.632m	714.742 #
16)	T	DCPA	11.729	12.353	18630.3E6	15425.6E6	778.301m	684.004

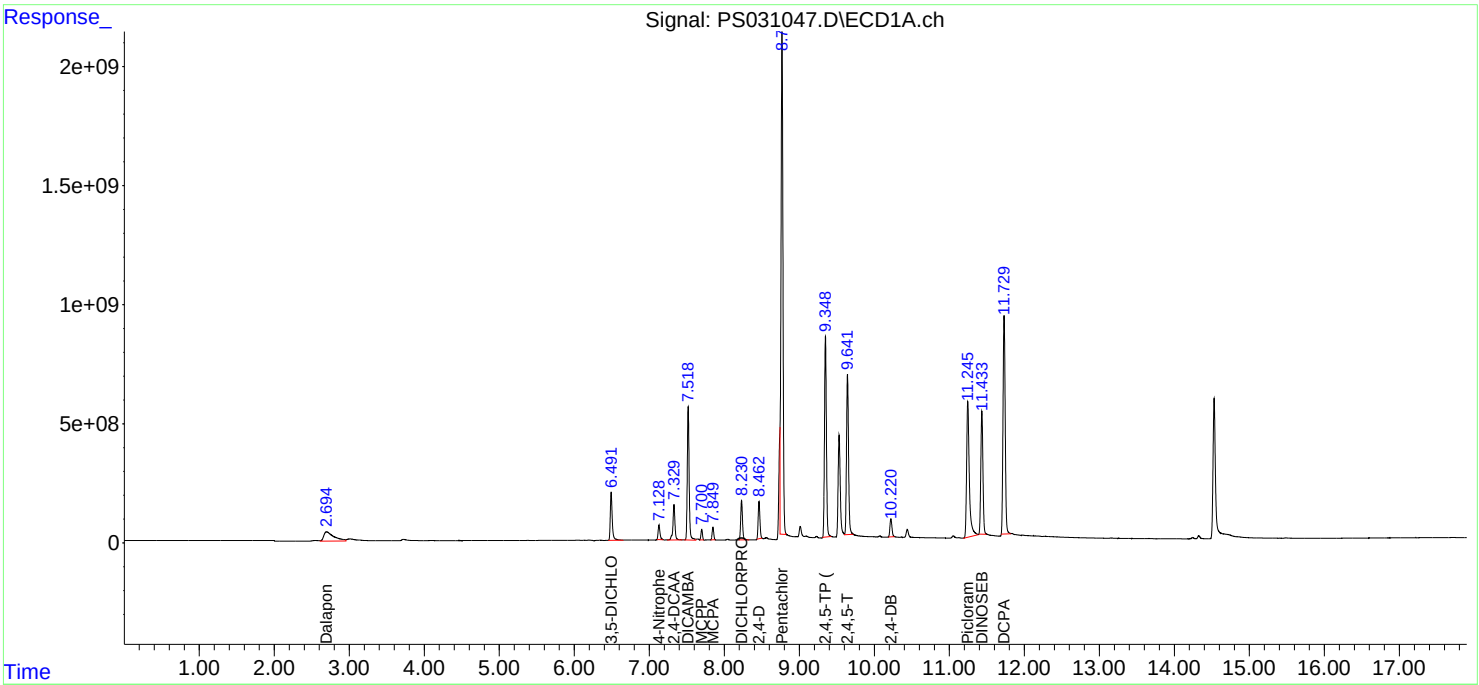
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

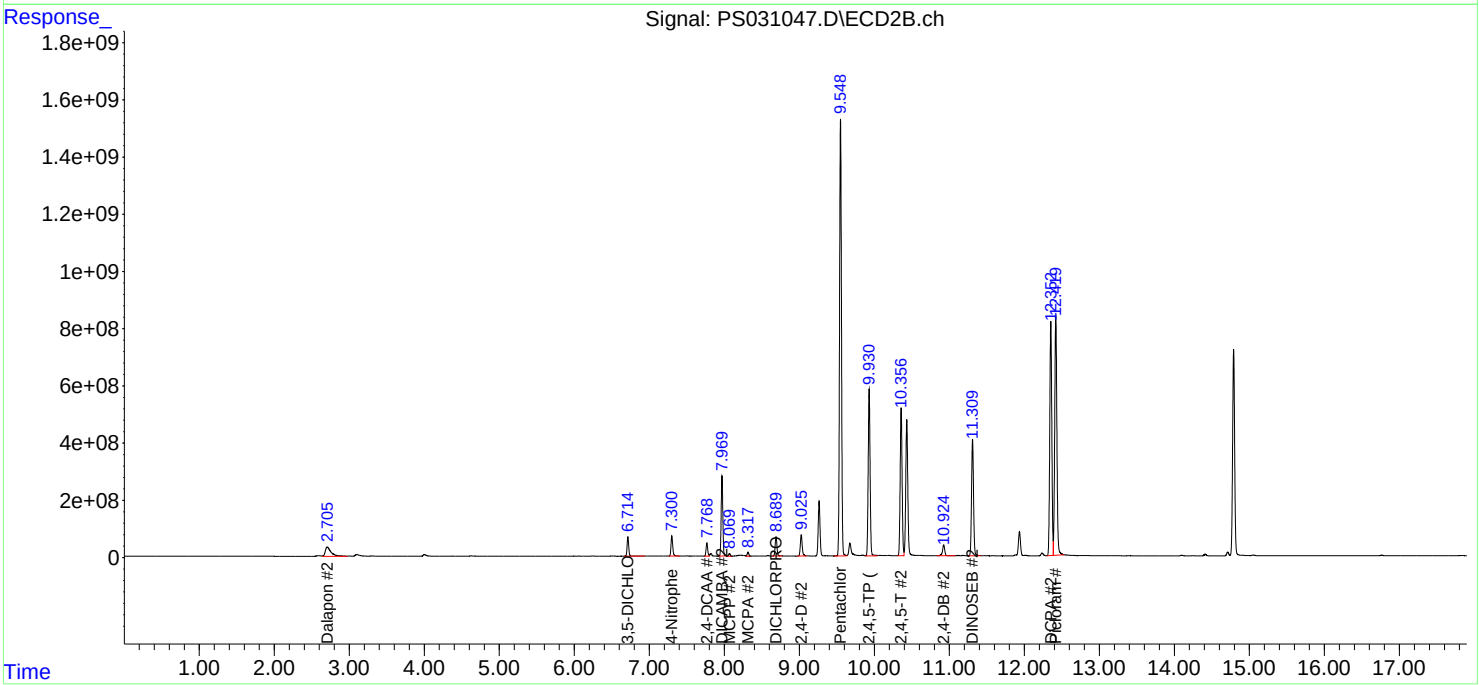
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 00:48
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:44:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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





Raw Data: **PS031075.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/16/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 19:54 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
2,4-D	8.46	8.47	8.37	8.57	0.01
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00

Raw Data: **PS031075.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/16/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 19:54 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.77	7.77	7.67	7.87	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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/16/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031075.D **Time Analyzed:** 19:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.348	9.253	9.453	958.670	712.500	34.6
2,4-D	8.463	8.367	8.567	926.410	705.000	31.4
2,4-DCAA	7.328	7.233	7.433	921.480	750.000	22.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/16/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031075.D **Time Analyzed:** 19:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.932	9.832	10.032	796.010	712.500	11.7
2,4-D	9.027	8.927	9.127	776.390	705.000	10.1
2,4-DCAA	7.768	7.669	7.869	817.330	750.000	9.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
Data File : PS031075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 19:54
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 17 02:14:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.328	7.768	3644.5E6	846.8E6	921.480	817.329	
		Target Compounds							
1)	T	Dalapon	2.693	2.705	4647.5E6	2169.8E6	762.922	763.238	
2)	T	3,5-DICHL...	6.487	6.715	8707.6E6	1185.2E6	1662.196	764.507	#
3)	T	4-Nitroph...	7.128	7.301	1407.0E6	1359.0E6	1042.183	779.308	#
5)	T	DICAMBA	7.518	7.971	13315.0E6	5172.7E6	848.582	798.691	
6)	T	MCPP	7.700	8.082	827.0E6	1170.4E6	89.884	547.448	#
7)	T	MCPA	7.850	8.319	1044.1E6	238.5E6	95.725	74.406	
8)	T	DICHLORPROP	8.229	8.691	2984.6E6	1163.3E6	876.488	765.694	
9)	T	2,4-D	8.463	9.027	2851.9E6	1319.4E6	926.405	776.387	
10)	T	Pentachlo...	8.772	9.551	44253.3E6	31886.3E6	880.461	827.462	
11)	T	2,4,5-TP ...	9.348	9.932	17841.6E6	11682.0E6	958.674	796.008	
12)	T	2,4,5-T	9.642	10.359	16647.2E6	11329.3E6	1094.253	809.707	#
13)	T	2,4-DB	10.219	10.927	2667.2E6	946.4E6	1228.672	799.880	#
14)	T	DINOSEB	11.433	11.311	12735.5E6	9018.6E6	965.990	794.485	
15)	T	Picloram	11.246	12.422	18464.9E6	20163.2E6	1267.151	858.715	#
16)	T	DCPA	11.729	12.356	23565.5E6	17939.6E6	984.472	795.476	

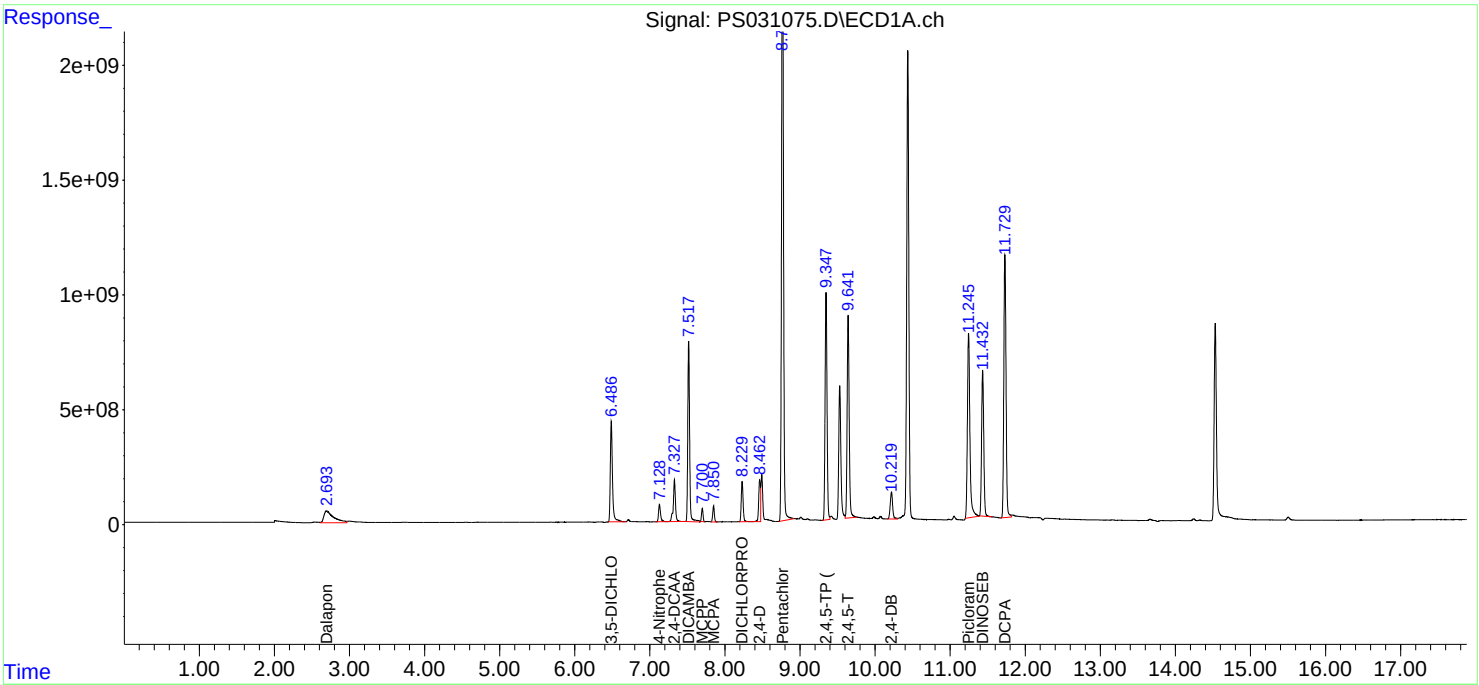
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

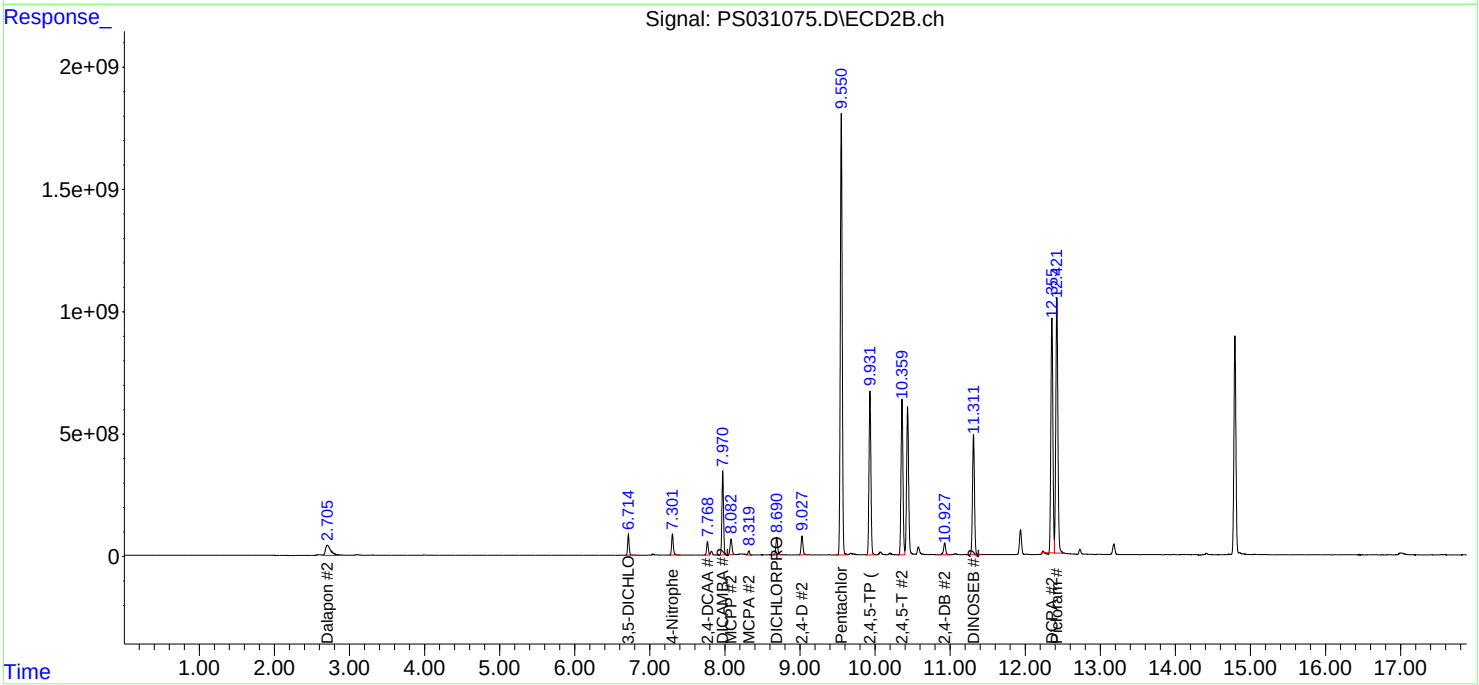
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
Data File : PS031075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 19:54
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 02:14:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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 0.25µm





Raw Data: **PS031086.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/17/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 00:19 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.33	7.33	7.23	7.43	0.00
2,4-D	8.46	8.47	8.37	8.57	0.01
2,4,5-TP(Silvex)	9.35	9.35	9.25	9.45	0.00

Raw Data: **PS031086.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/17/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025

Continuing Calib Time: 00:19 **Initial Calibration Time(s):** 16:00 17:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.77	7.77	7.67	7.87	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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/17/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031086.D **Time Analyzed:** 00:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.347	9.253	9.453	986.520	712.500	38.5
2,4-D	8.463	8.367	8.567	901.110	705.000	27.8
2,4-DCAA	7.329	7.233	7.433	941.730	750.000	25.6

Raw Data: **PS031086.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/17/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031086.D **Time Analyzed:** 00:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.931	9.832	10.032	814.250	712.500	14.3
2,4-D	9.026	8.927	9.127	799.670	705.000	13.4
2,4-DCAA	7.768	7.669	7.869	835.520	750.000	11.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
Data File : PS031086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2025 00:19
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 17 02:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.329	7.768	3724.6E6	865.6E6	941.725	835.521
		Target Compounds						
1)	T	Dalapon	2.694	2.706	4648.9E6	2121.1E6	763.150	746.124
2)	T	3,5-DICHL...	6.486	6.714	9964.1E6	1203.1E6	1902.058	775.995 #
3)	T	4-Nitroph...	7.127	7.300	1457.3E6	1393.9E6	1079.486	799.306 #
5)	T	DICAMBA	7.518	7.970	13616.4E6	5323.5E6	867.791	821.988
6)	T	MCPP	7.700	8.082	837.0E6	1838.1E6	90.970	859.764 #
7)	T	MCPA	7.851	8.320	1072.2E6	246.9E6	98.304	77.008
8)	T	DICHLORPROP	8.230	8.690	3064.7E6	1173.0E6	900.029	772.070
9)	T	2,4-D	8.463	9.026	2774.0E6	1359.0E6	901.109	799.672
10)	T	Pentachlo...	8.772	9.550	45492.6E6	32583.2E6	905.117	845.546
11)	T	2,4,5-TP ...	9.347	9.931	18359.9E6	11949.8E6	986.524	814.254
12)	T	2,4,5-T	9.641	10.358	17395.9E6	11636.6E6	1143.466	831.674 #
13)	T	2,4-DB	10.219	10.926	2855.2E6	966.1E6	1315.260	816.541 #
14)	T	DINOSEB	11.434	11.310	13042.5E6	9185.2E6	989.278	809.161
15)	T	Picloram	11.244	12.421	19458.1E6	20517.3E6	1335.311	873.795 #
16)	T	DCPA	11.731	12.355	24185.8E6	18733.1E6	1010.384	830.662m

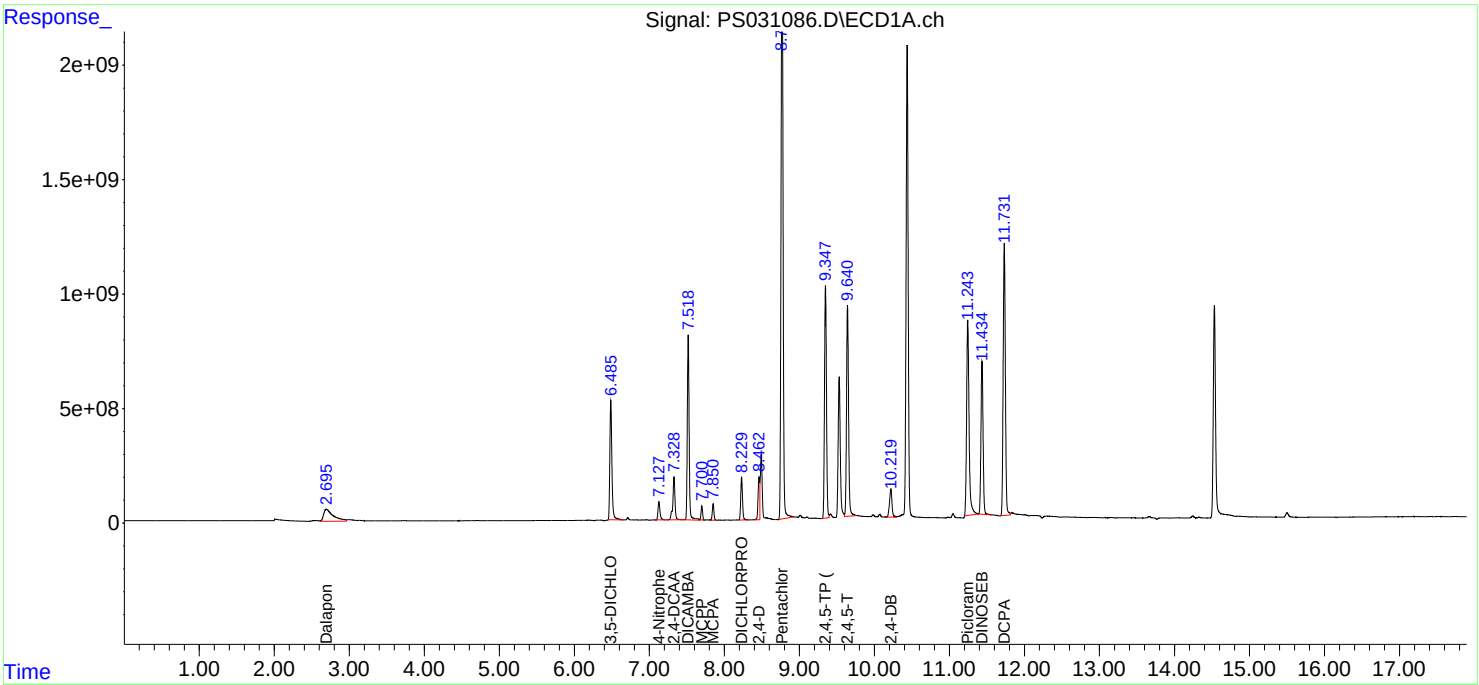
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

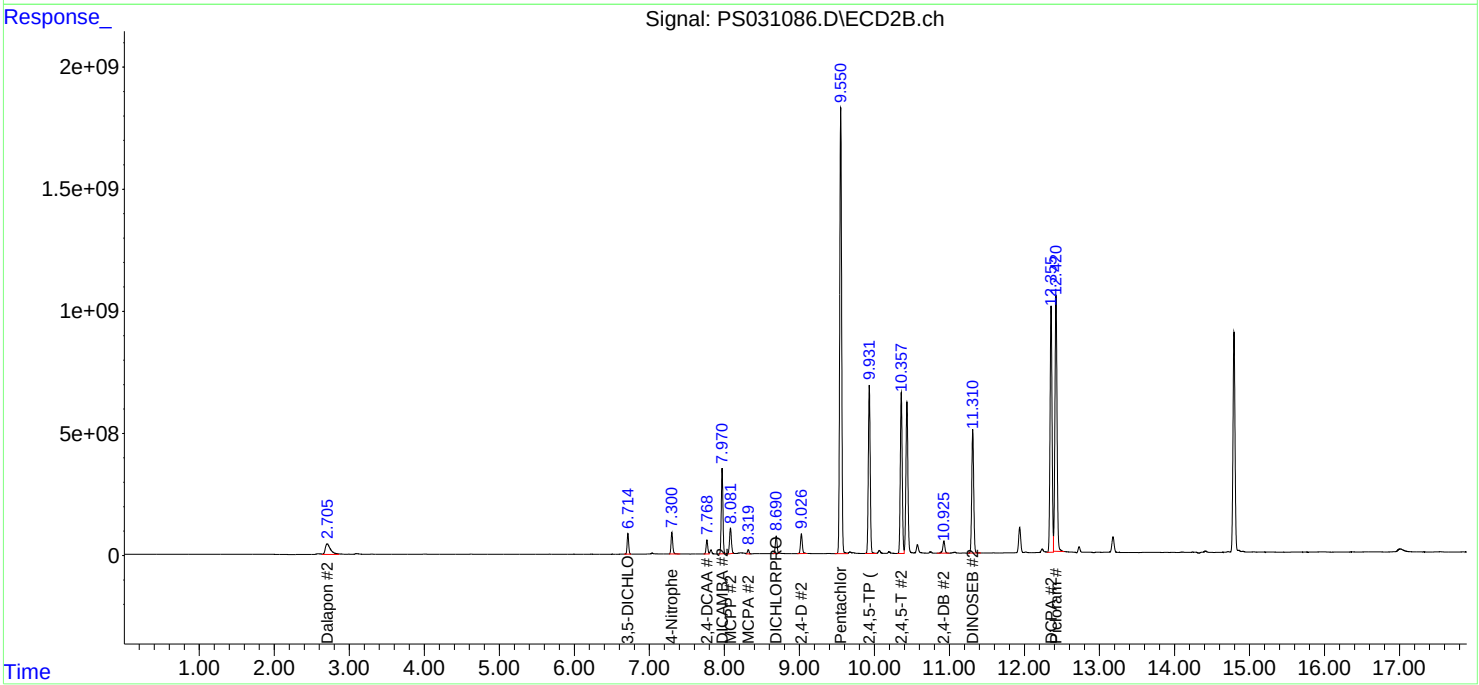
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
Data File : PS031086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2025 00:19
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 02:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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





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

Analytical Sequence

Client: Walsh Construction Company II, LLC **SDG No.:** Q2489

Project: Construction of Shafts 17B-18B - PN 220084 **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/11/2025 07/11/2025

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	07/11/2025	15:35	PS031005.D	7.33	0.00
HSTDICC200	HSTDICC200	07/11/2025	16:00	PS031006.D	7.33	0.00
HSTDICC500	HSTDICC500	07/11/2025	16:24	PS031007.D	7.33	0.00
HSTDICC750	HSTDICC750	07/11/2025	16:48	PS031008.D	7.33	0.00
HSTDICC1000	HSTDICC1000	07/11/2025	17:12	PS031009.D	7.33	0.00
HSTDICC1500	HSTDICC1500	07/11/2025	17:36	PS031010.D	7.33	0.00
I.BLK	I.BLK	07/15/2025	17:08	PS031030.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/15/2025	17:57	PS031031.D	7.33	0.00
PB168844BL	PB168844BL	07/15/2025	18:21	PS031032.D	7.33	0.00
PB168844BS	PB168844BS	07/15/2025	18:45	PS031033.D	7.33	0.00
PB168728TB	PB168728TB	07/15/2025	19:09	PS031034.D	7.33	0.00
G4(0-6)	Q2489-01	07/15/2025	19:58	PS031036.D	7.33	0.00
G4(0-6)MS	Q2489-01MS	07/15/2025	20:22	PS031037.D	7.33	0.00
G4(0-6)MSD	Q2489-01MSD	07/15/2025	20:46	PS031038.D	7.33	0.00
G4(6-12)	Q2489-02	07/15/2025	21:10	PS031039.D	7.33	0.00
G3(0-6)	Q2489-03	07/15/2025	21:34	PS031040.D	7.33	0.00
G3(6-12)	Q2489-04	07/15/2025	21:58	PS031041.D	7.33	0.00
G2(0-6)	Q2489-05	07/15/2025	22:23	PS031042.D	7.33	0.00
G2(6-12)	Q2489-06	07/15/2025	22:47	PS031043.D	7.33	0.00
G1(0-6)	Q2489-07	07/15/2025	23:11	PS031044.D	7.33	0.00
G1(6-12)	Q2489-08	07/15/2025	23:35	PS031045.D	7.33	0.00
I.BLK	I.BLK	07/15/2025	23:59	PS031046.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/16/2025	00:48	PS031047.D	7.33	0.00
I.BLK	I.BLK	07/16/2025	19:29	PS031074.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/16/2025	19:54	PS031075.D	7.33	0.00
G2(6-12)RE	Q2489-06RE	07/16/2025	20:18	PS031076.D	7.33	0.00
I.BLK	I.BLK	07/16/2025	23:55	PS031085.D	7.33	0.00
HSTDCCC750	HSTDCCC750	07/17/2025	00:19	PS031086.D	7.33	0.00

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Analytical Sequence

Client: Walsh Construction Company II, LLC **SDG No.:** Q2489

Project: Construction of Shafts 17B-18B - PN 220084 **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/11/2025 07/11/2025

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	07/11/2025	15:35	PS031005.D	7.77	0.00
HSTDICC200	HSTDICC200	07/11/2025	16:00	PS031006.D	7.77	0.00
HSTDICC500	HSTDICC500	07/11/2025	16:24	PS031007.D	7.77	0.00
HSTDICC750	HSTDICC750	07/11/2025	16:48	PS031008.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/11/2025	17:12	PS031009.D	7.77	0.00
HSTDICC1500	HSTDICC1500	07/11/2025	17:36	PS031010.D	7.77	0.00
I.BLK	I.BLK	07/15/2025	17:08	PS031030.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/15/2025	17:57	PS031031.D	7.77	0.00
PB168844BL	PB168844BL	07/15/2025	18:21	PS031032.D	7.77	0.00
PB168844BS	PB168844BS	07/15/2025	18:45	PS031033.D	7.77	0.00
PB168728TB	PB168728TB	07/15/2025	19:09	PS031034.D	7.77	0.00
G4(0-6)	Q2489-01	07/15/2025	19:58	PS031036.D	7.77	0.00
G4(0-6)MS	Q2489-01MS	07/15/2025	20:22	PS031037.D	7.77	0.00
G4(0-6)MSD	Q2489-01MSD	07/15/2025	20:46	PS031038.D	7.77	0.00
G4(6-12)	Q2489-02	07/15/2025	21:10	PS031039.D	7.77	0.00
G3(0-6)	Q2489-03	07/15/2025	21:34	PS031040.D	7.77	0.00
G3(6-12)	Q2489-04	07/15/2025	21:58	PS031041.D	7.77	0.00
G2(0-6)	Q2489-05	07/15/2025	22:23	PS031042.D	7.77	0.00
G2(6-12)	Q2489-06	07/15/2025	22:47	PS031043.D	7.77	0.00
G1(0-6)	Q2489-07	07/15/2025	23:11	PS031044.D	7.77	0.00
G1(6-12)	Q2489-08	07/15/2025	23:35	PS031045.D	7.77	0.00
I.BLK	I.BLK	07/15/2025	23:59	PS031046.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/16/2025	00:48	PS031047.D	7.77	0.00
I.BLK	I.BLK	07/16/2025	19:29	PS031074.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/16/2025	19:54	PS031075.D	7.77	0.00
G2(6-12)RE	Q2489-06RE	07/16/2025	20:18	PS031076.D	7.77	0.00
I.BLK	I.BLK	07/16/2025	23:55	PS031085.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/17/2025	00:19	PS031086.D	7.77	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

G4(0-6)MS

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Lab Sample ID: Q2489-01MS **Date(s) Analyzed:** 07/15/2025 07/15/2025

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	8.46	8.41	8.51	53.1	21.7
	2	9.03	8.98	9.08	42.7	
2,4,5-TP(Silvex)	1	9.35	9.30	9.40	53.1	7.6
	2	9.93	9.88	9.98	57.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

G4(0-6)MSD

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Lab Sample ID: Q2489-01MSD **Date(s) Analyzed:** 07/15/2025 07/15/2025

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	8.46	8.41	8.51	54.9	10.3
	2	9.02	8.97	9.07	49.5	
2,4,5-TP(Silvex)	1	9.35	9.30	9.40	55.5	7.3
	2	9.93	9.88	9.98	59.7	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168844BS

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Lab Sample ID: PB168844BS **Date(s) Analyzed:** 07/15/2025 07/15/2025

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	8.46	8.41	8.51	5.80	14.8
	2	9.03	8.98	9.08	5.00	
2,4,5-TP(Silvex)	1	9.35	9.30	9.40	5.30	9.9
	2	9.93	9.88	9.98	4.80	

QC SAMPLE DATA

Raw Data: **PS031032.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168844BL	SDG No.:	Q2489
Lab Sample ID:	PB168844BL	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031032.D	1	07/14/25 10:14	07/15/25 18:21	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	499		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\PS071525\
Data File : PS031032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 18:21
Operator : AR\AJ
Sample : PB168844BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168844BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:49:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.330	7.767	1671.9E6	516.6E6	422.713	498.603
	Target Compounds						

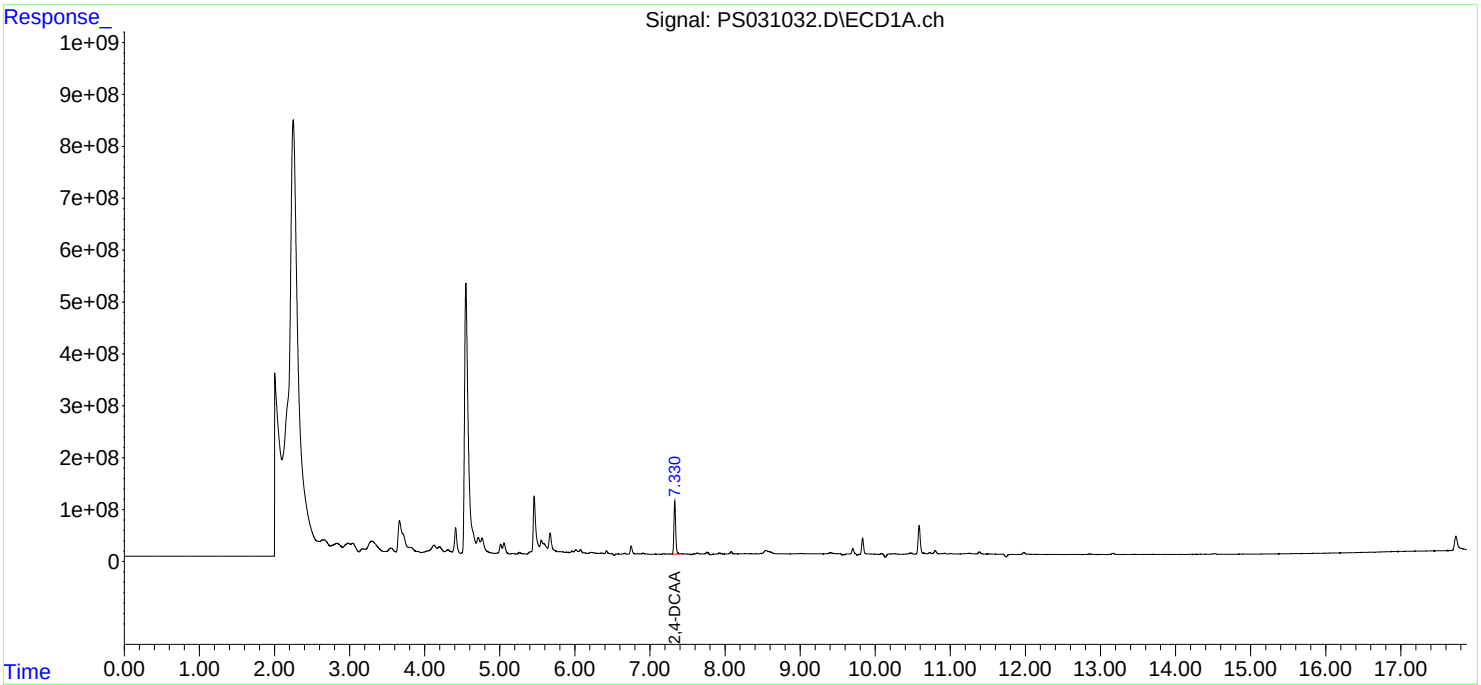
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

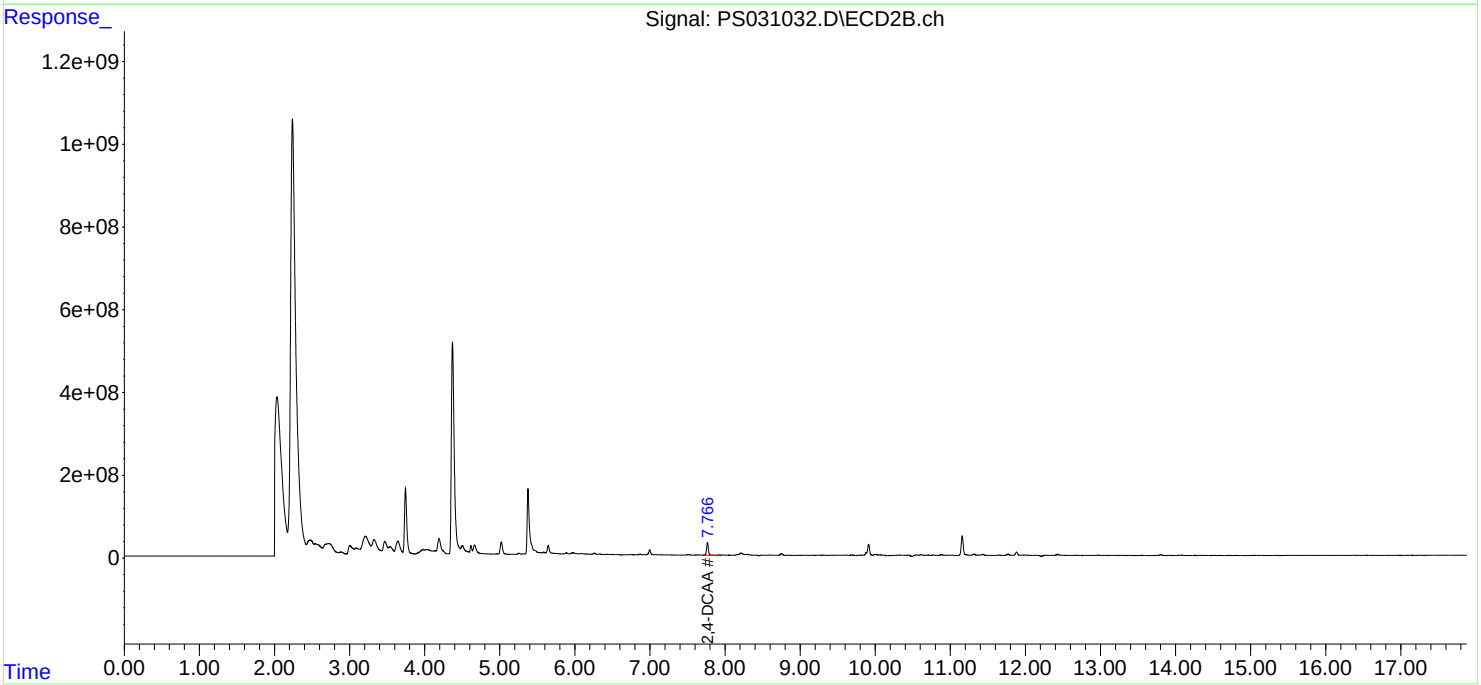
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 18:21
Operator : AR\AJ
Sample : PB168844BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

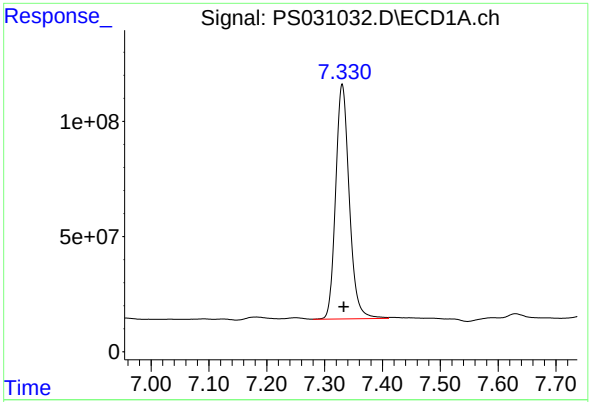
Instrument :
ECD_S
ClientSampleId :
PB168844BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:49:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



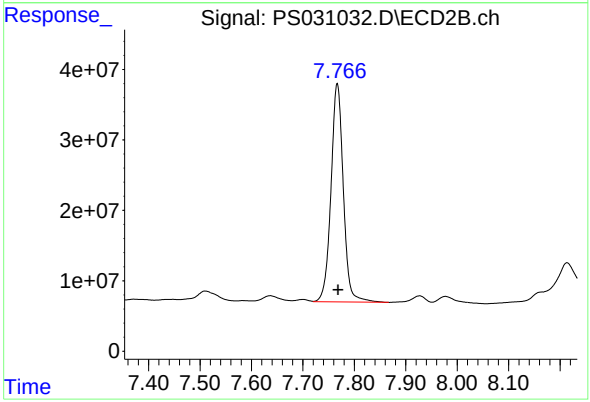




#4 2,4-DCAA

R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 1671862784
Conc: 422.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168844BL



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 516569078
Conc: 498.60 ng/ml

Raw Data: **PS031005.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/11/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/11/25
Client Sample ID:	PIBLK-PS031005.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PS031005.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031005.D	1		07/11/25	PS071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	496		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\PS071125\
Data File : PS031005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:35
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 14 06:06:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.334	7.769	1407.9E6	514.1E6	355.977	496.200 #
	Target Compounds						

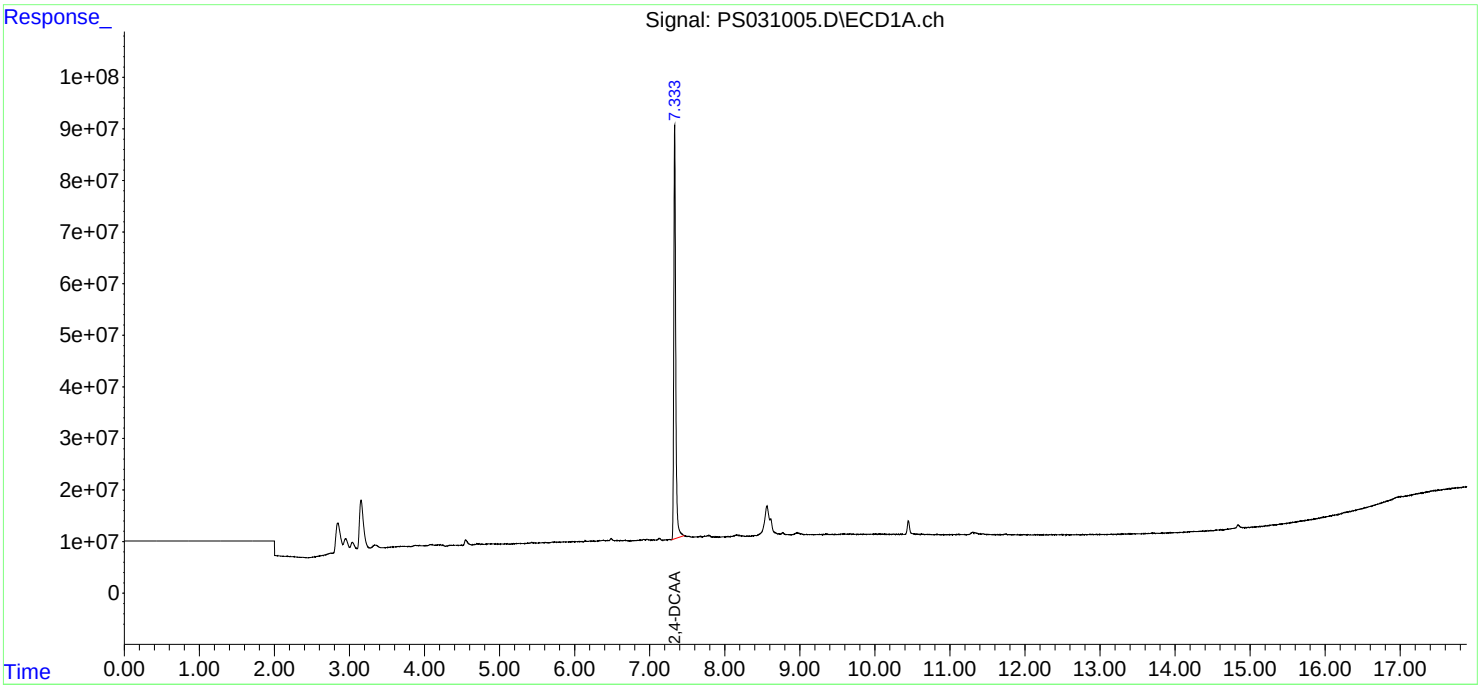
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

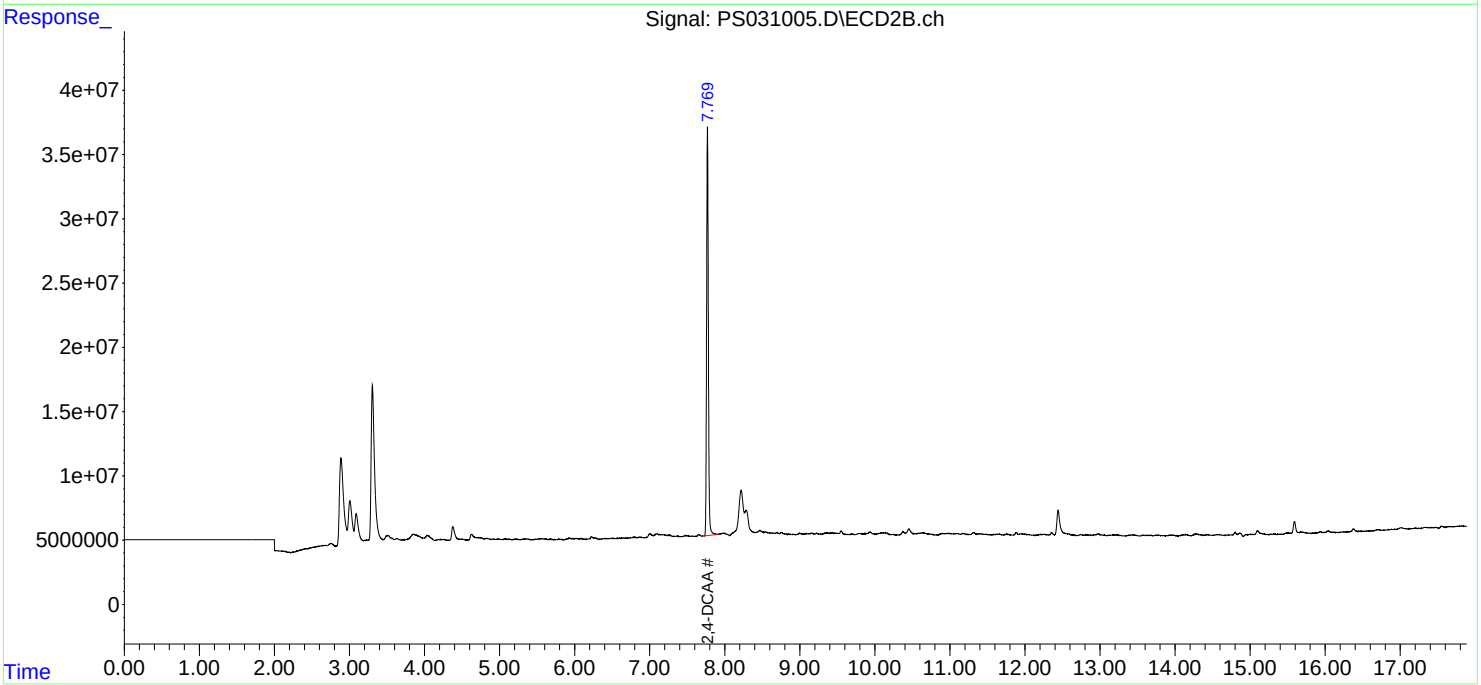
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

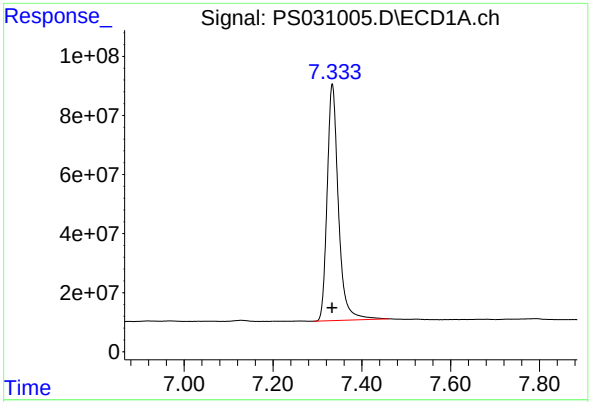
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 06:06:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



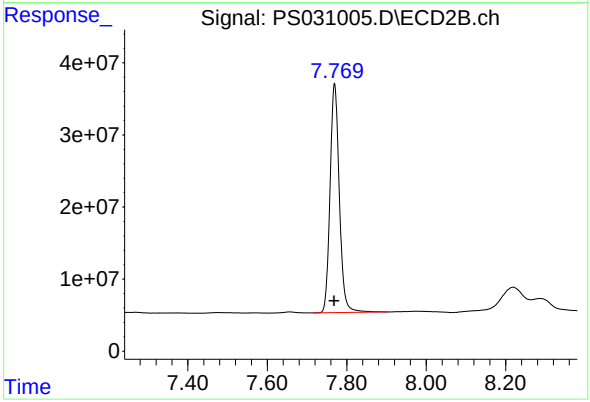




#4 2,4-DCAA

R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 1407915415
Conc: 355.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 514079654
Conc: 496.20 ng/ml

Raw Data: **PS031030.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/15/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/15/25
Client Sample ID:	PIBLK-PS031030.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PS031030.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031030.D	1		07/15/25	PS071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	482		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\PS071525\
Data File : PS031030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 17:08
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 16 02:48:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.330	7.767	1759.4E6	499.7E6	444.853	482.337
	Target Compounds						

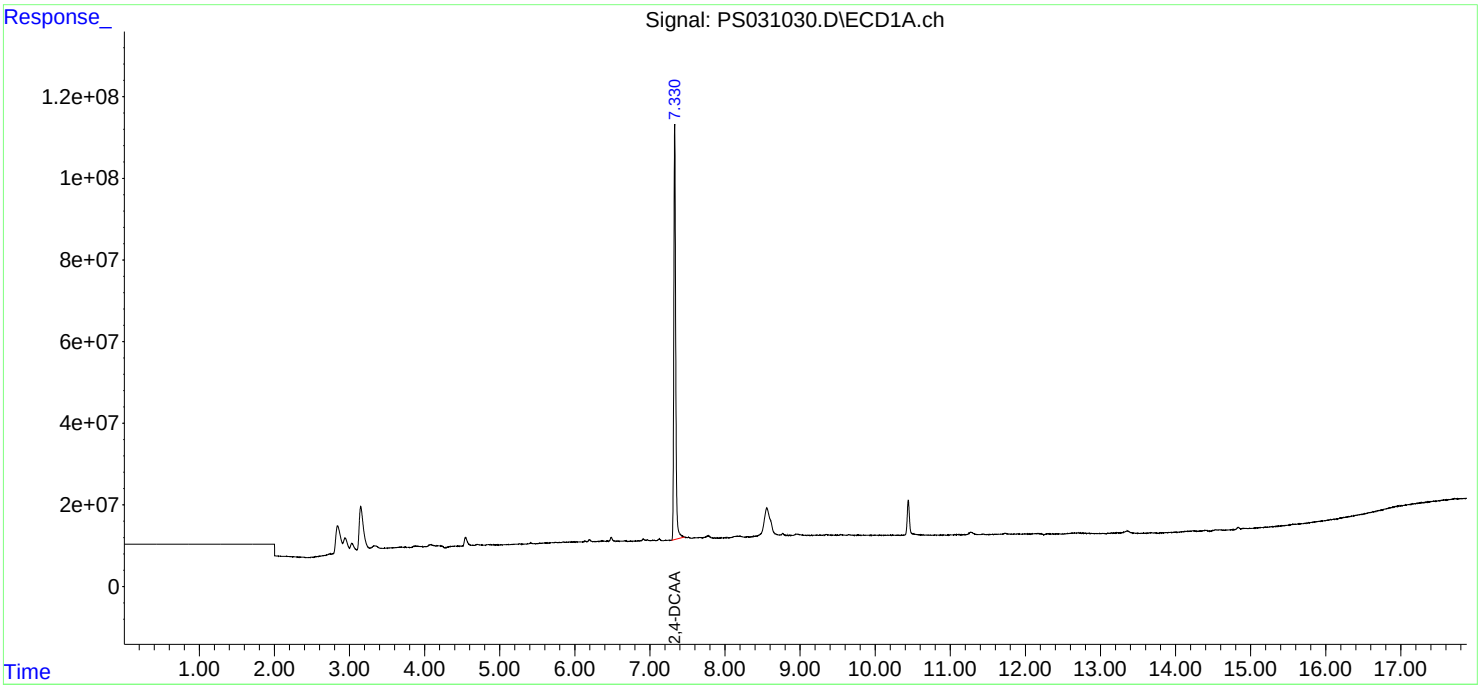
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

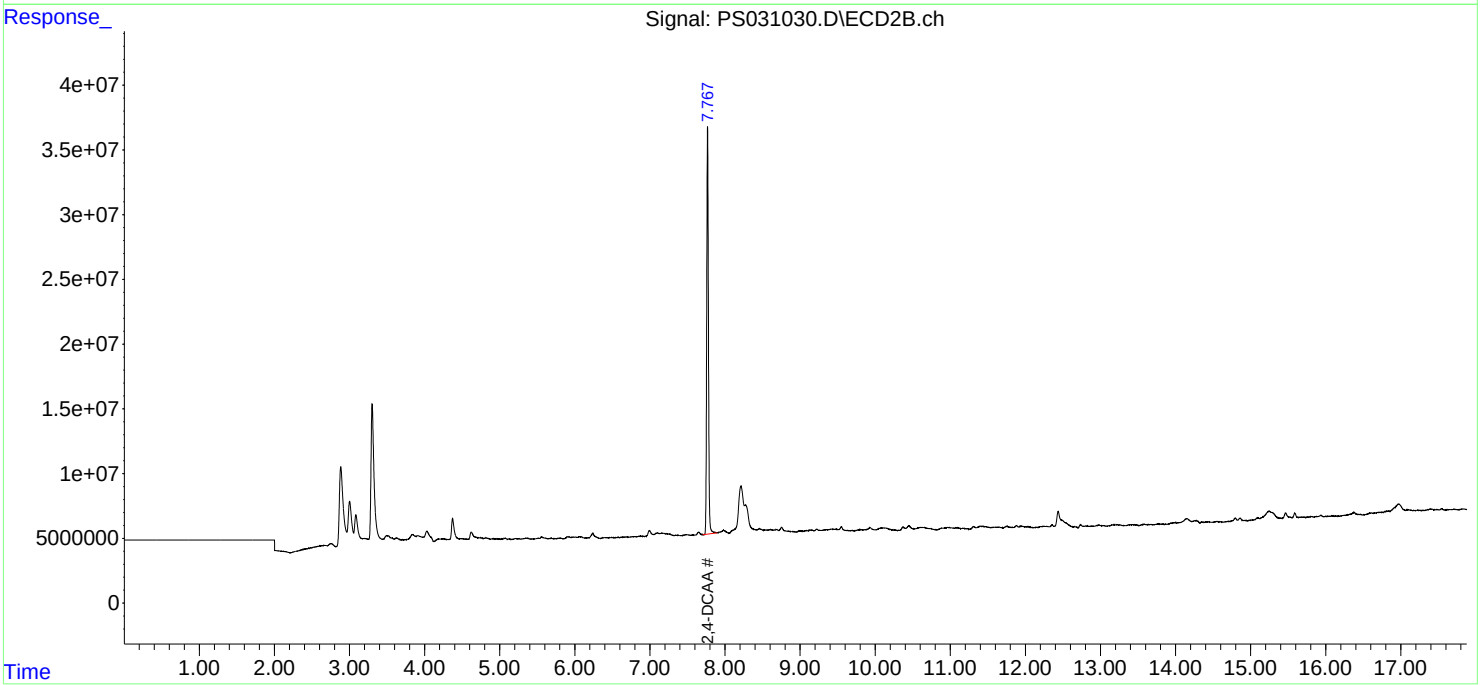
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 17:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

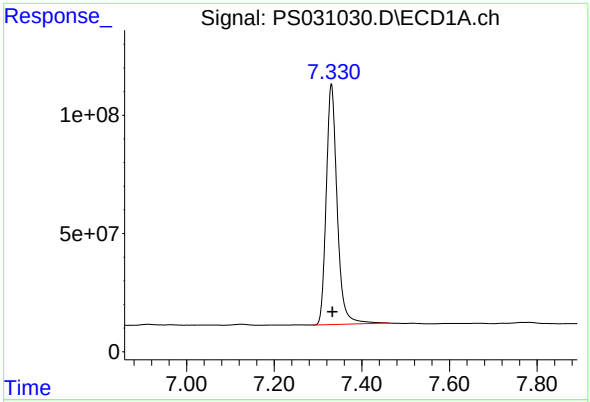
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:48:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



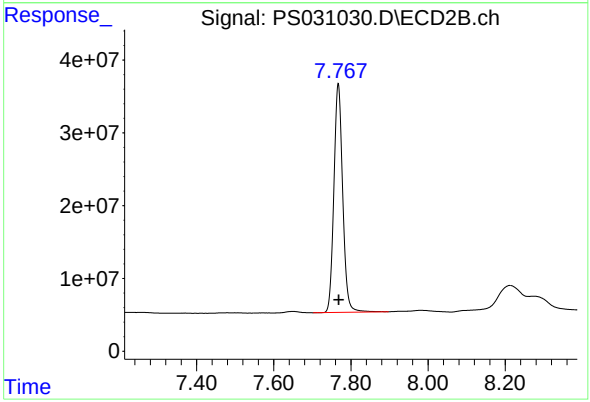




#4 2,4-DCAA

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 1759426957
Conc: 444.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.001 min
Response: 499716422
Conc: 482.34 ng/ml

Raw Data: **PS031046.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/15/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/15/25
Client Sample ID:	PIBLK-PS031046.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PS031046.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031046.D	1		07/15/25	PS071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	486		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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031046.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 23:59
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 16 02:52:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.330	7.768	1757.9E6	503.3E6	444.463	485.754
	Target Compounds						

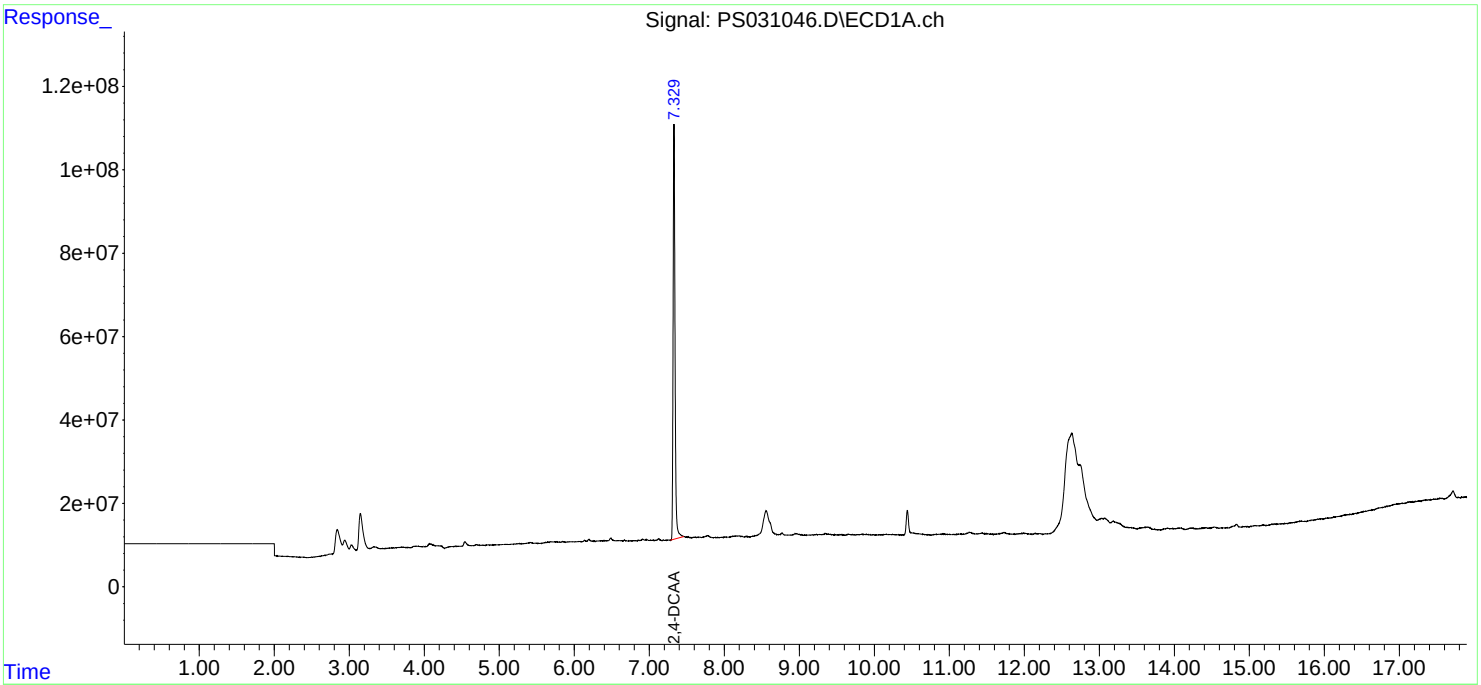
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

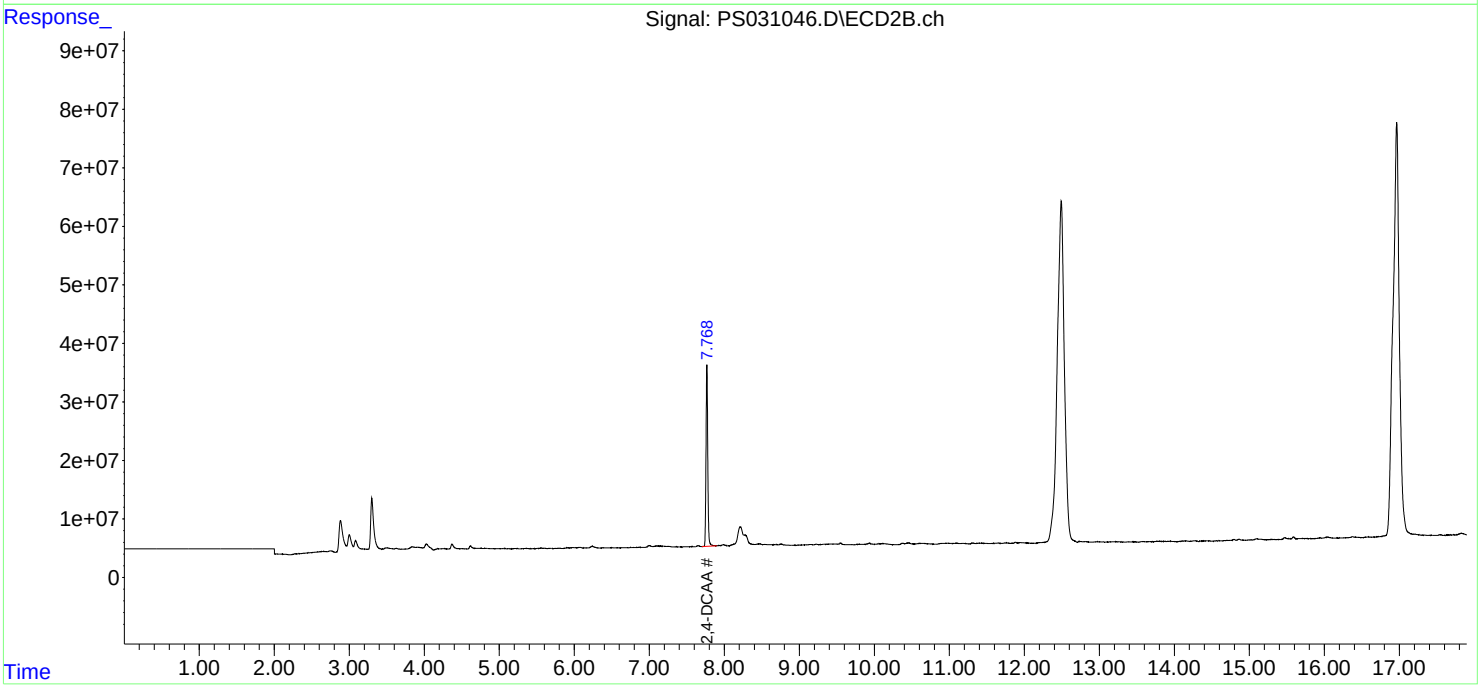
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031046.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 23:59
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

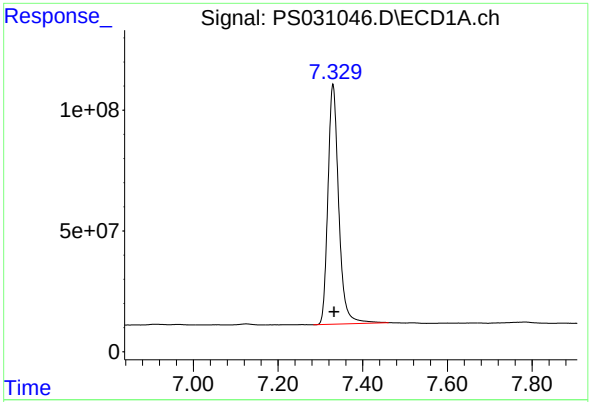
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:52:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



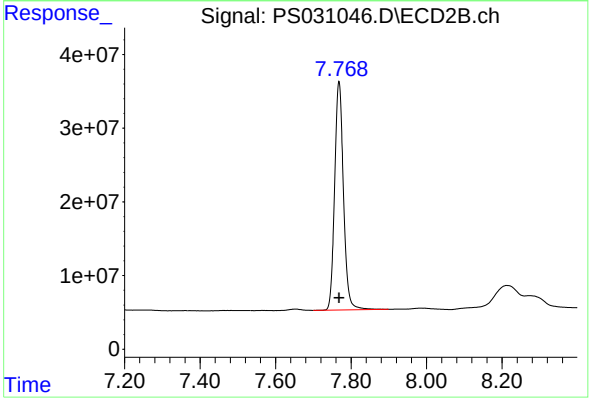




#4 2,4-DCAA

R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 1757886040
Conc: 444.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 503256929
Conc: 485.75 ng/ml

Raw Data: **PS031074.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/16/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/16/25
Client Sample ID:	PIBLK-PS031074.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PS031074.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031074.D	1		07/16/25	PS071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	505		61 - 136	101%	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\PS071625\
Data File : PS031074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 19:29
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 17 02:14:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.329	7.769	1838.5E6	523.5E6	464.837	505.287
	Target Compounds						

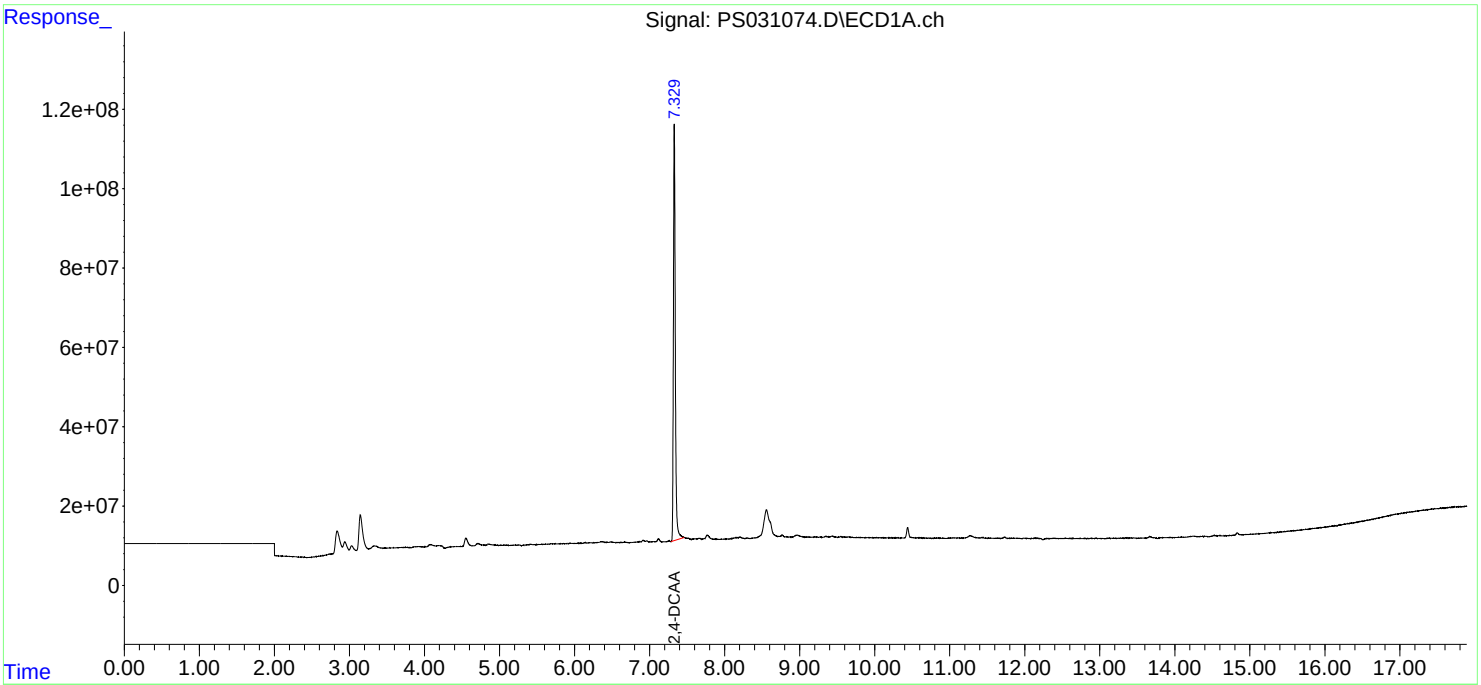
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

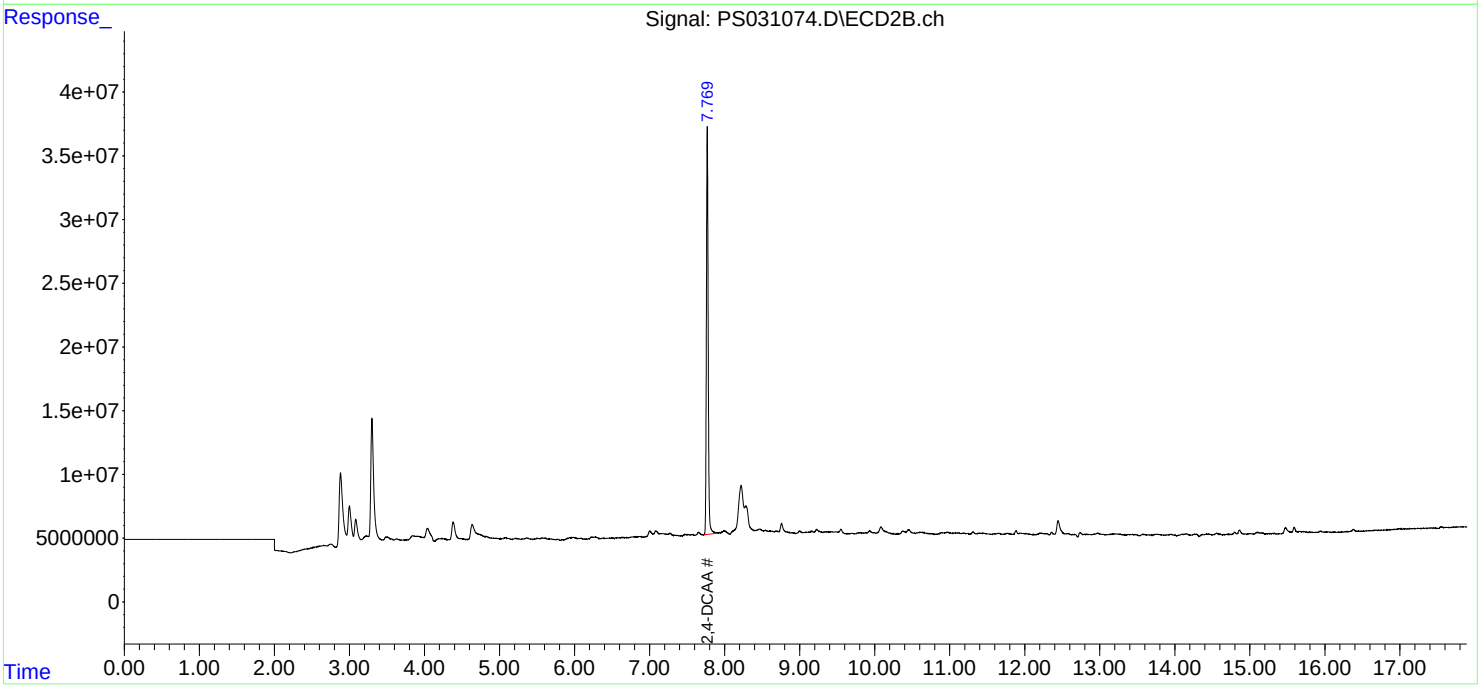
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
Data File : PS031074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 19:29
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

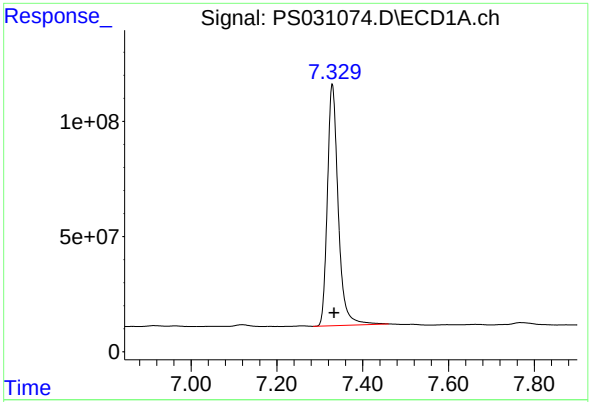
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 02:14:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



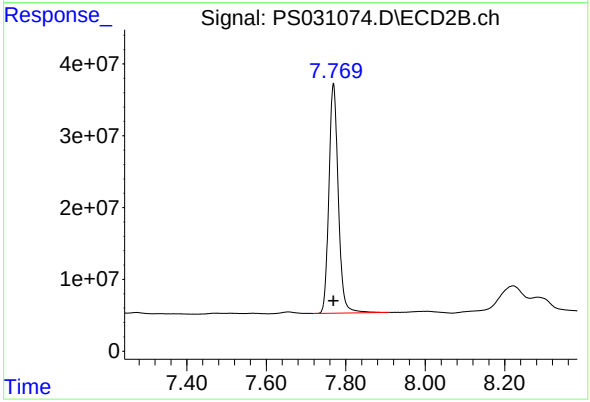




#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 1838463963
Conc: 464.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 523493594
Conc: 505.29 ng/ml

Raw Data: **PS031085.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/16/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/16/25
Client Sample ID:	PIBLK-PS031085.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PS031085.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031085.D	1		07/16/25	PS071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
Data File : PS031085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 23:55
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 17 02:19:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.329	7.768	1821.7E6	504.7E6	460.604	487.127
	Target Compounds						

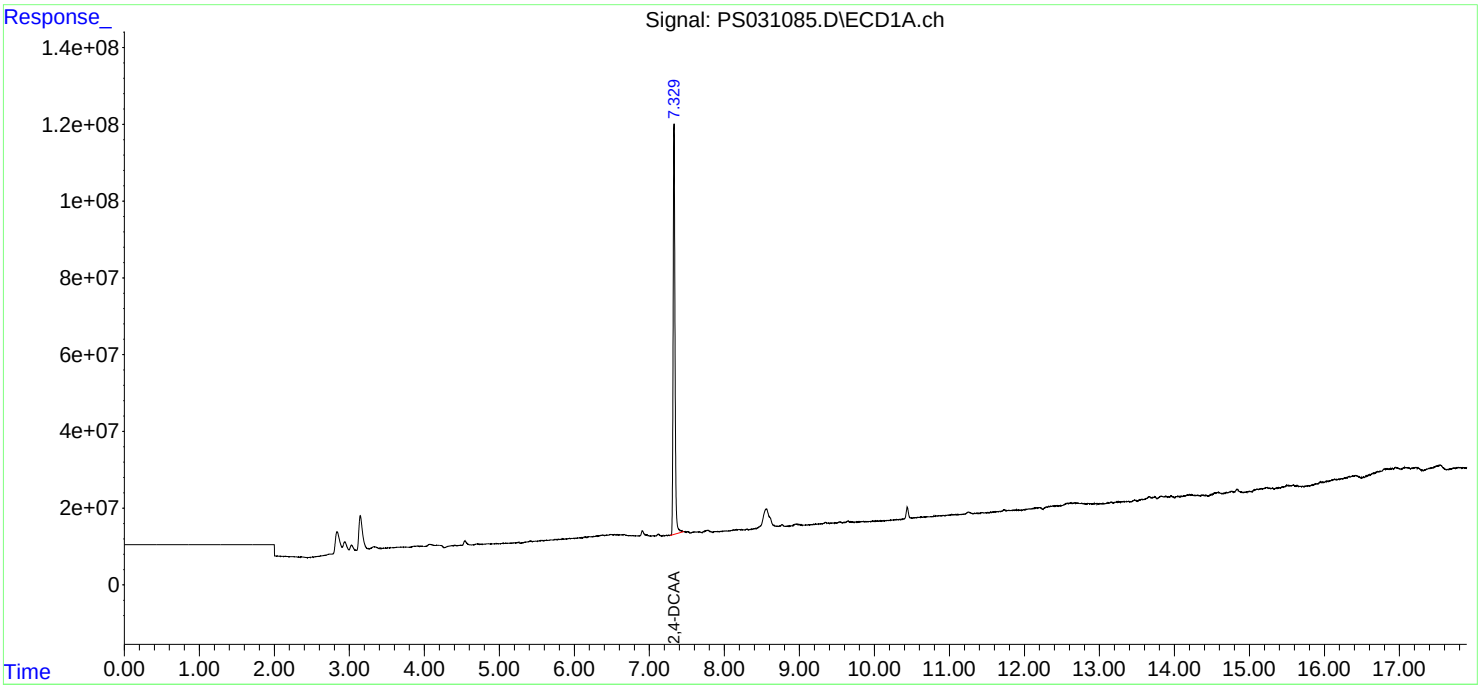
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

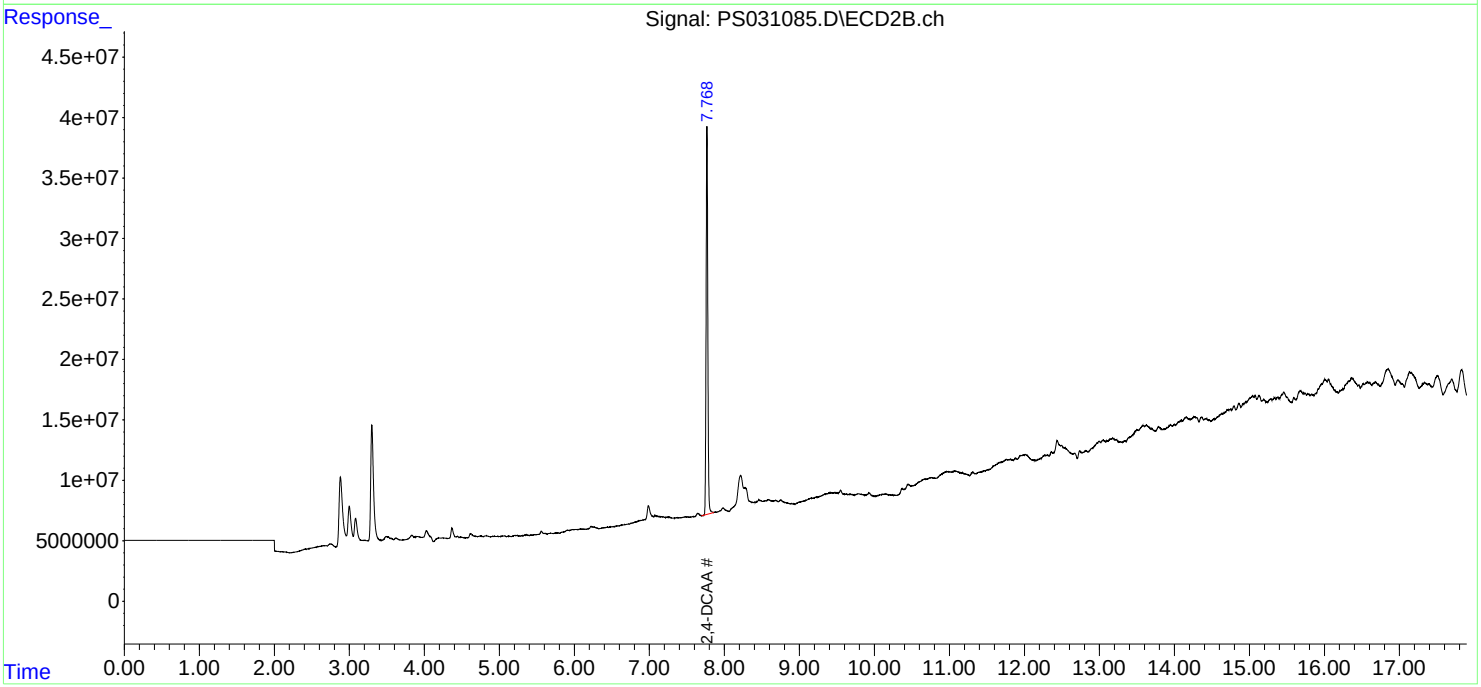
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071625\
Data File : PS031085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 23:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

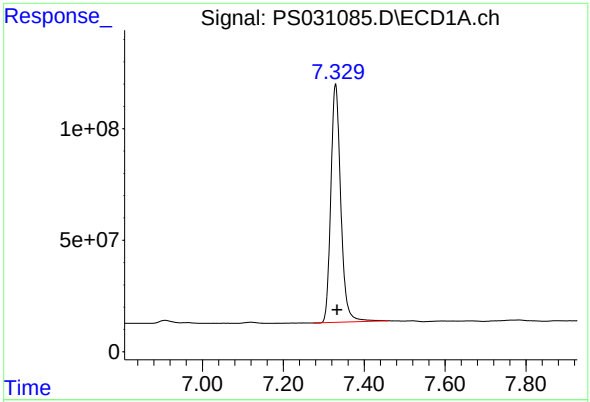
Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 02:19:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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



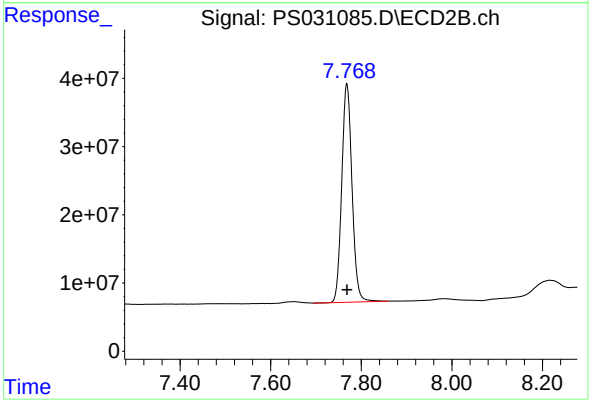




#4 2,4-DCAA

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 1821723698
Conc: 460.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 504679512
Conc: 487.13 ng/ml

Raw Data: **PS031033.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168844BS	SDG No.:	Q2489
Lab Sample ID:	PB168844BS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031033.D	1	07/14/25 10:14	07/15/25 18:45	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	5.80		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.30		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	441		61 - 136	88%	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\PS071525\
Data File : PS031033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 18:45
Operator : AR\AJ
Sample : PB168844BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168844BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:49:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.330	7.767	1721.8E6	456.7E6	435.351	440.800
		Target Compounds						
1)	T	Dalapon	2.687	2.707	3537.4E6	1724.9E6	580.685m	606.757m
2)	T	3,5-DICHL...	6.492	6.713	2256.0E6	613.9E6	430.647	395.976m
3)	T	4-Nitroph...	7.129	7.300	590.4E6	608.2E6	437.307m	348.785
5)	T	DICAMBA	7.519	7.970	6267.2E6	2498.0E6	399.417	385.710
6)	T	MCPP	7.698	8.067	355.7E6	71562648	38.660	33.473
7)	T	MCPA	7.848	8.314	428.6E6	112.9E6	39.295m	35.225
8)	T	DICHLORPROP	8.231	8.689	1616.3E6	577.8E6	474.665	380.286
9)	T	2,4-D	8.463	9.025	1782.6E6	849.2E6	579.073	499.716
10)	T	Pentachlo...	8.769	9.549	25388.2E6	16926.8E6	505.122	439.257
11)	T	2,4,5-TP ...	9.349	9.929	9812.7E6	7116.8E6	527.258	484.937
12)	T	2,4,5-T	9.642	10.357	7774.9E6	5855.0E6	511.061m	418.461
13)	T	2,4-DB	10.221	10.924	885.5E6	472.7E6	407.938m	399.514
14)	T	DINOSEB	11.435	11.309	5233.0E6	3783.2E6	396.924	333.277
15)	T	Picloram	11.247	12.418	6761.3E6	8338.4E6	463.997	355.117m
16)	T	DCPA	11.729	12.352	9299.9E6	8983.9E6	388.512	398.364m

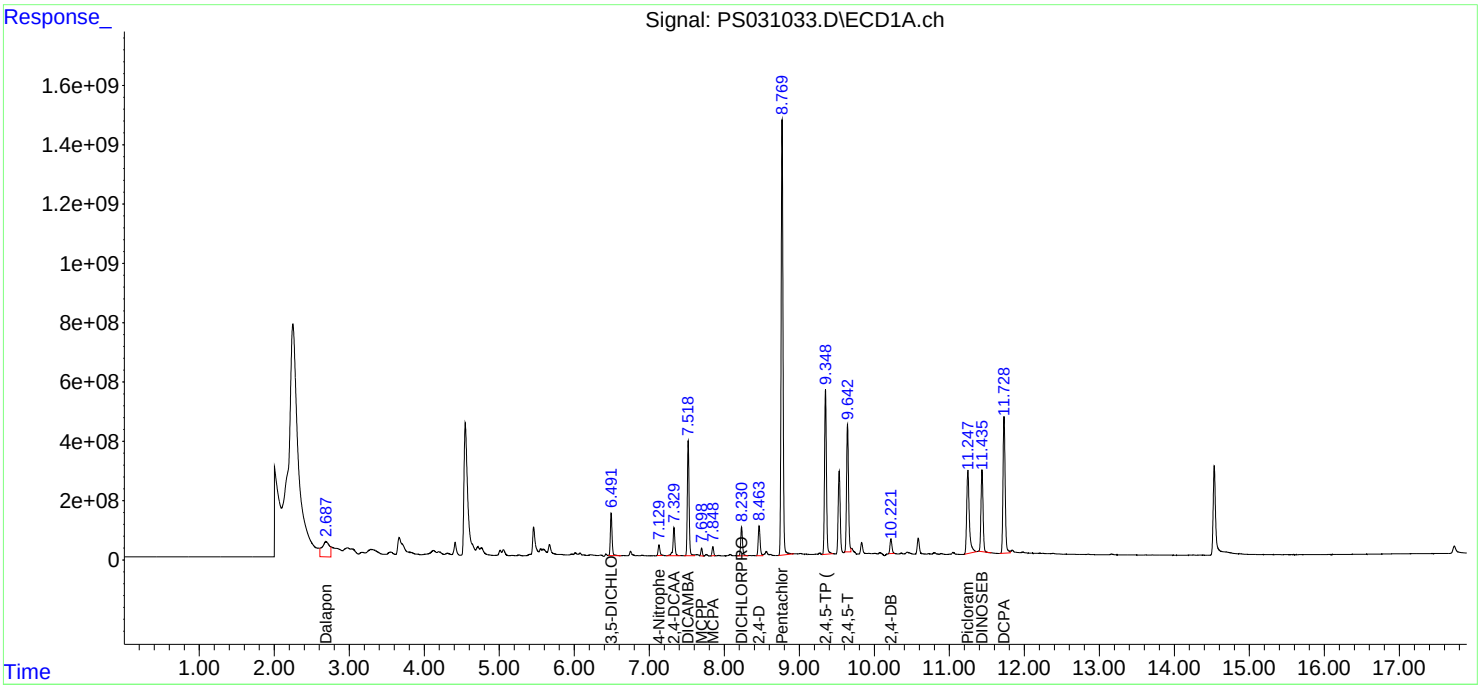
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

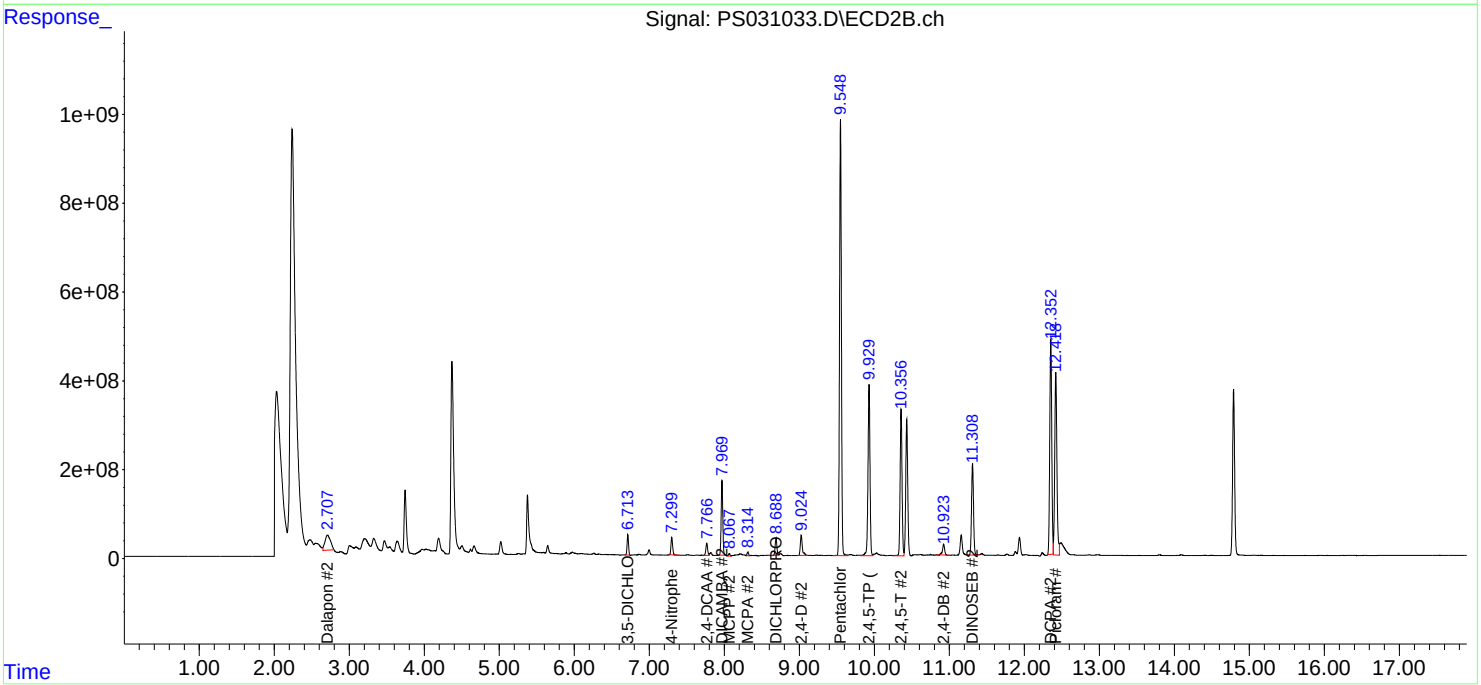
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 18:45
Operator : AR\AJ
Sample : PB168844BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168844BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:49:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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 0.25µm





Raw Data: **PS031037.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)MS	SDG No.:	Q2489
Lab Sample ID:	Q2489-01MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031037.D	1	07/14/25 10:14	07/15/25 20:22	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	53.1		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	57.3		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	609		61 - 136	122%	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\PS071525\
Data File : PS031037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 20:22
Operator : AR\AJ
Sample : Q2489-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.329	7.767	2406.8E6	548.5E6	608.544	529.387m
		Target Compounds						
1)	T	Dalapon	2.691	2.703	2578.1E6	1602.6E6	423.214m	563.734m#
2)	T	3,5-DICHL...	6.492	6.714	2138.0E6	581.7E6	408.129	375.190m
3)	T	4-Nitroph...	7.130	7.318	41184768	42223649	30.507m	24.212m
5)	T	DICAMBA	7.518	7.970	5857.3E6	2369.0E6	373.295	365.791m
6)	T	MCPP	7.698	8.068	323.0E6	71089742	35.109	33.251m
7)	T	MCPA	7.848	8.314	446.1E6	139.9E6	40.905	43.639m
8)	T	DICHLORPROP	8.231	8.689	1638.0E6	592.2E6	481.039	389.811m
9)	T	2,4-D	8.462	9.025	1636.0E6	724.9E6	531.425m	426.518m
10)	T	Pentachlo...	8.769	9.550	19255.6E6	12468.4E6	383.107	323.560
11)	T	2,4,5-TP ...	9.349	9.931	9883.3E6	8404.8E6	531.053	572.698m
12)	T	2,4,5-T	9.642	10.357	7819.5E6	5708.1E6	513.992m	407.958
13)	T	2,4-DB	10.220	10.924	839.5E6	377.9E6	386.705m	319.375m
14)	T	DINOSEB	11.434	11.311	3818.3E6	3494.1E6	289.618m	307.813m
15)	T	Picloram	11.245	12.419	7462.4E6	9480.3E6	512.108m	403.749m
16)	T	DCPA	11.730	12.353	10374.6E6	8677.4E6	433.411	384.773m

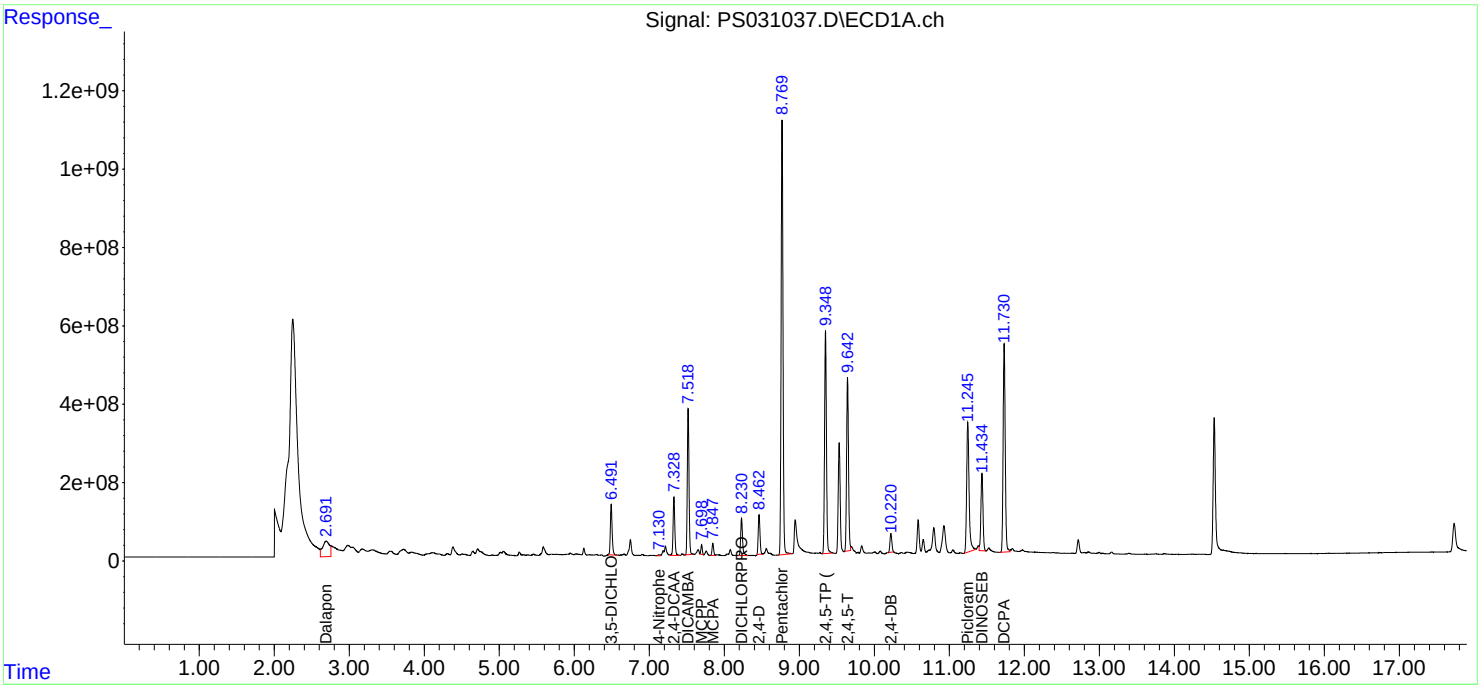
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

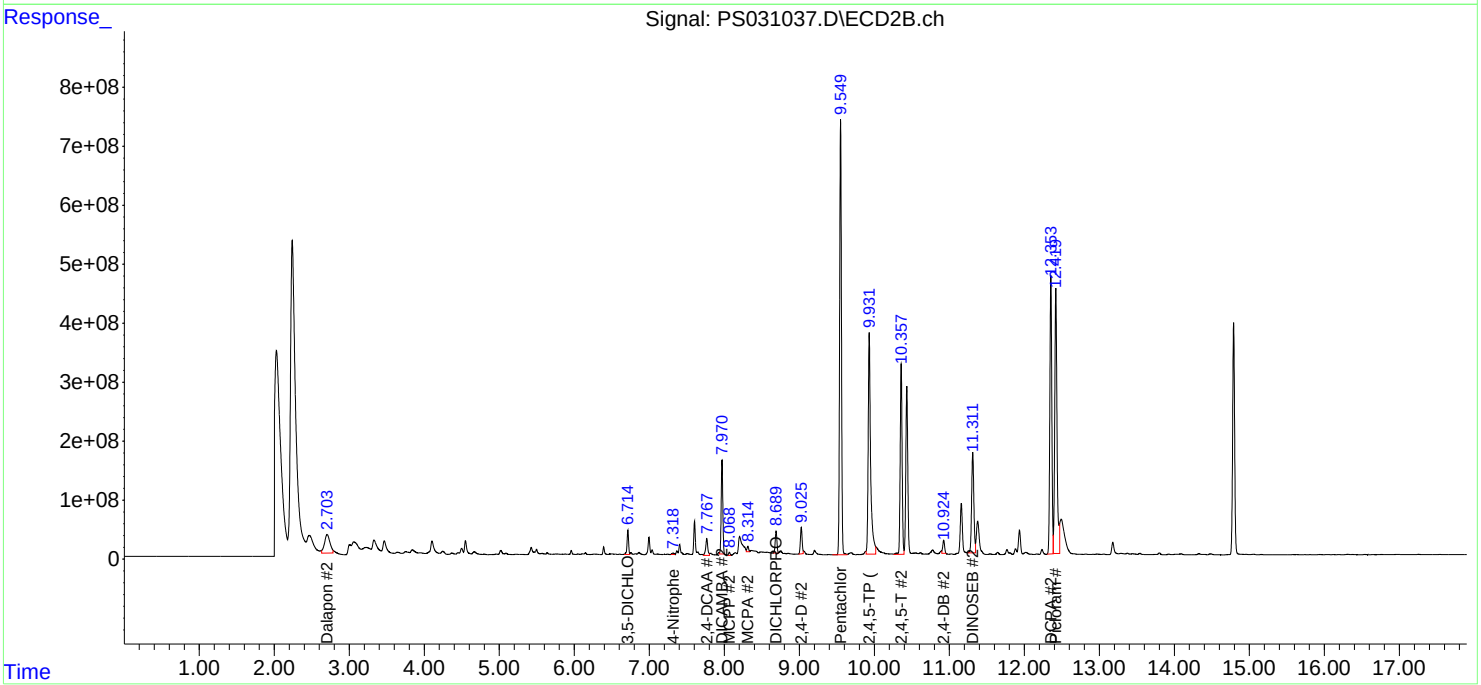
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 20:22
Operator : AR\AJ
Sample : Q2489-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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





Raw Data: **PS031038.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)MSD	SDG No.:	Q2489
Lab Sample ID:	Q2489-01MSD	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP 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
PS031038.D	1	07/14/25 10:14	07/15/25 20:46	PB168844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	54.9		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	59.7		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	636		61 - 136	127%	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\PS071525\
Data File : PS031038.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 20:46
Operator : AR\AJ
Sample : Q2489-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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	7.328	7.766	2515.8E6	534.5E6	636.095	515.923m
		Target Compounds						
1)	T	Dalapon	2.690	2.703	3167.6E6	1752.8E6	519.980m	616.545m
2)	T	3,5-DICHL...	6.491	6.714	2254.9E6	616.9E6	430.435	397.893
3)	T	4-Nitroph...	7.129	7.317	34136768	44253616	25.286m	25.376
5)	T	DICAMBA	7.518	7.969	6087.8E6	2461.2E6	387.981	380.020m
6)	T	MCPP	7.697	8.067	335.7E6	73868397	36.484	34.551
7)	T	MCPA	7.847	8.314	455.9E6	149.2E6	41.798	46.537m
8)	T	DICHLORPROP	8.229	8.687	1598.0E6	622.1E6	469.295m	409.484m
9)	T	2,4-D	8.461	9.024	1690.8E6	840.7E6	549.233m	494.707
10)	T	Pentachlo...	8.768	9.549	21403.8E6	13874.5E6	425.849	360.048
11)	T	2,4,5-TP ...	9.347	9.930	10333.1E6	8756.8E6	555.222	596.683
12)	T	2,4,5-T	9.641	10.357	8150.5E6	5900.4E6	535.749m	421.702
13)	T	2,4-DB	10.218	10.923	1005.5E6	456.5E6	463.188m	385.796m
14)	T	DINOSEB	11.432	11.310	4362.7E6	3773.4E6	330.910m	332.415m
15)	T	Picloram	11.243	12.417	7772.0E6	9581.5E6	533.351m	408.061m
16)	T	DCPA	11.729	12.352	10746.9E6	9077.7E6	448.963	402.522m

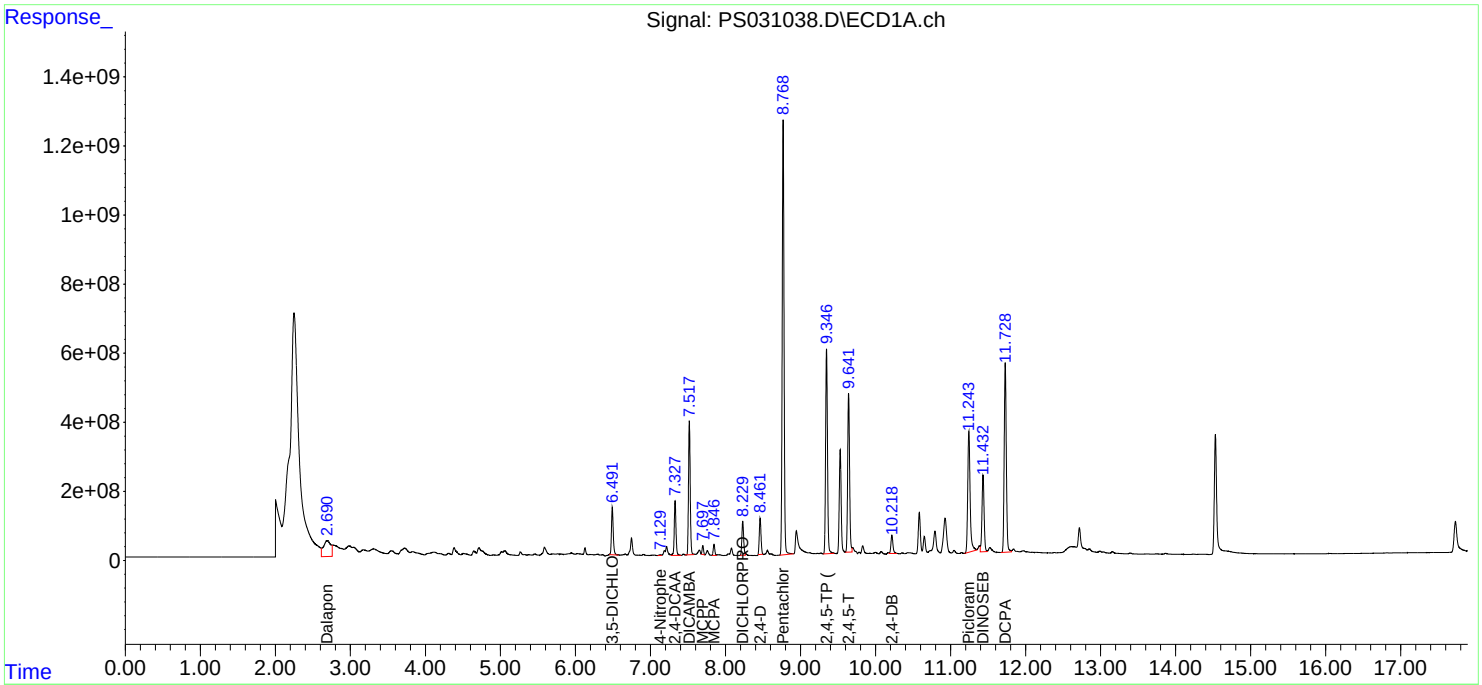
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

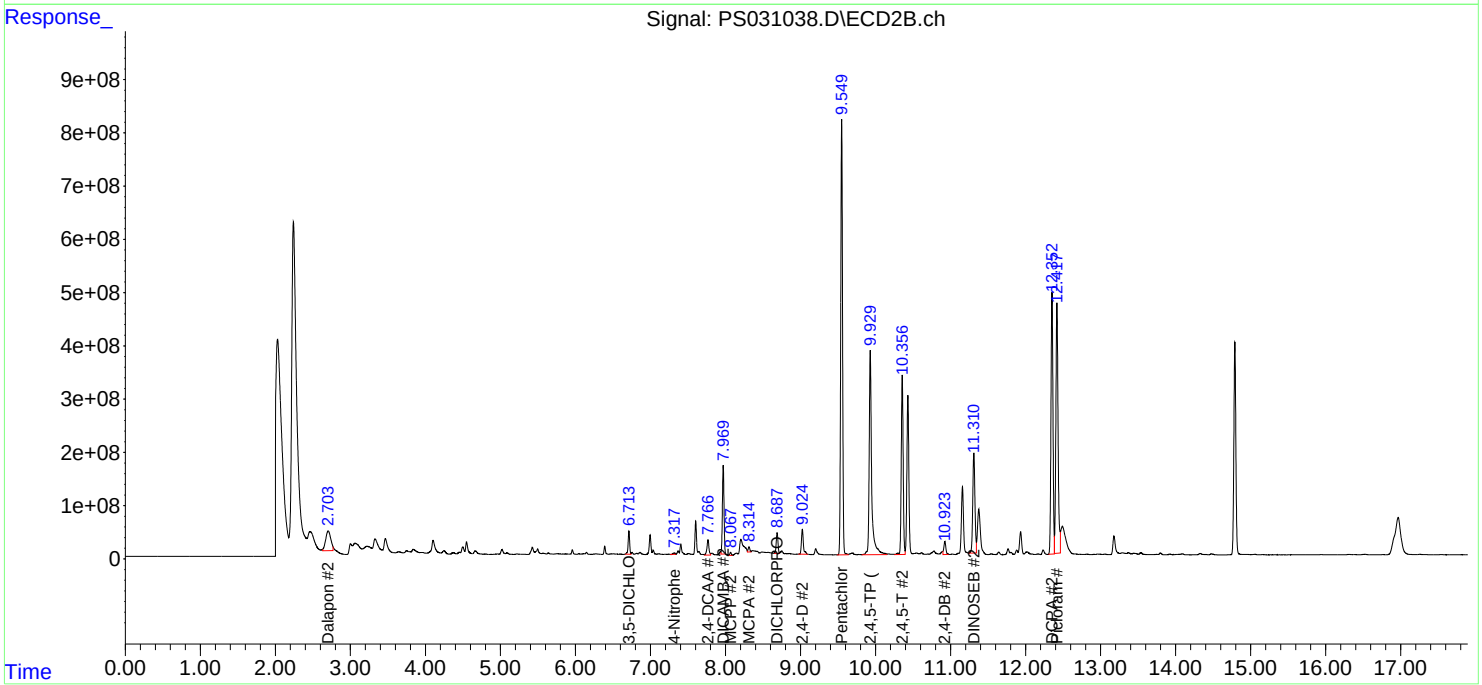
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031038.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 20:46
Operator : AR\AJ
Sample : Q2489-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:50:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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 0.25µm





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

Manual Integration Report

Sequence:	PS071125	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS031006.D	2,4-DCAA	Abdul	7/14/2025 8:47:57 AM	mohammad	7/15/2025 1:41:05	Peak Integrated by Software
HSTDICC500	PS031007.D	2,4-DCAA	Abdul	7/14/2025 8:48:00 AM	mohammad	7/15/2025 1:41:05	Peak Integrated by Software
HSTDICC1500	PS031010.D	2,4-DCAA	Abdul	7/14/2025 8:48:03 AM	mohammad	7/15/2025 1:41:05	Peak Integrated by Software
HSTDICC1500	PS031010.D	DCPA #2	Abdul	7/14/2025 8:48:03 AM	mohammad	7/15/2025 1:41:05	Peak Integrated by Software
I.BLK	PS031012.D	2,4-DCAA	Abdul	7/14/2025 8:48:05 AM	mohammad	7/15/2025 1:41:05	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PS071525	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031031.D	2,4,5-T	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
HSTDCCC750	PS031031.D	2,4,5-TP (SILVEX)	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
HSTDCCC750	PS031031.D	2,4-D	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
HSTDCCC750	PS031031.D	4-Nitrophenol	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
HSTDCCC750	PS031031.D	DCPA	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
HSTDCCC750	PS031031.D	DINOSEB	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
HSTDCCC750	PS031031.D	MCPA	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
HSTDCCC750	PS031031.D	MCPP	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
HSTDCCC750	PS031031.D	Pentachlorophenol	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
HSTDCCC750	PS031031.D	Picloram	Abdul	7/16/2025 10:36:43 AM			Peak Integrated by Software
PB168844BS	PS031033.D	2,4,5-T	yogesh	7/16/2025 8:23:25 AM			Peak Integrated by Software
PB168844BS	PS031033.D	2,4-DB	yogesh	7/16/2025 8:23:25 AM			Peak Integrated by Software
PB168844BS	PS031033.D	3,5-DICHLOROBENZOIC ACID #2	yogesh	7/16/2025 8:23:25 AM			Peak Integrated by Software

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

Manual Integration Report

Sequence:	PS071525	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168844BS	PS031033.D	4-Nitrophenol	yogesh	7/16/2025 8:23:25 AM			Peak Integrated by Software
PB168844BS	PS031033.D	Dalapon	yogesh	7/16/2025 8:23:25 AM			Peak Integrated by Software
PB168844BS	PS031033.D	Dalapon #2	yogesh	7/16/2025 8:23:25 AM			Peak Integrated by Software
PB168844BS	PS031033.D	DCPA #2	yogesh	7/16/2025 8:23:25 AM			Peak Integrated by Software
PB168844BS	PS031033.D	MCPA	yogesh	7/16/2025 8:23:25 AM			Peak Integrated by Software
PB168844BS	PS031033.D	Picloram #2	yogesh	7/16/2025 8:23:25 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	2,4,5-T	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	2,4,5-TP (SILVEX) #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	2,4-D	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	2,4-D #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	2,4-DB	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	2,4-DB #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	2,4-DCAA #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software

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

Manual Integration Report

Sequence:	PS071525	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2489-01MS	PS031037.D	3,5-DICHLOROBENZOIC ACID #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	4-Nitrophenol	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	4-Nitrophenol #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	Dalapon	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	Dalapon #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	DCPA #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	DICAMBA #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	DICHLORPROP #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	DINOSEB	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	DINOSEB #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	MCPA #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	MCPP #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MS	PS031037.D	Picloram	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PS071525	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2489-01MS	PS031037.D	Picloram #2	Abdul	7/16/2025 10:36:49 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	2,4,5-T	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	2,4-D	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	2,4-DB	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	2,4-DB #2	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	2,4-DCAA #2	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	4-Nitrophenol	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	Dalapon	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	Dalapon #2	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	DCPA #2	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	DICAMBA #2	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	DICHLORPROP	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	DICHLORPROP #2	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PS071525	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2489-01MSD	PS031038.D	DINOSEB	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	DINOSEB #2	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	MCPA #2	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	Picloram	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-01MSD	PS031038.D	Picloram #2	Abdul	7/16/2025 10:36:57 AM			Peak Integrated by Software
Q2489-03	PS031040.D	2,4-DCAA #2	yogesh	7/16/2025 8:23:31 AM			Peak Integrated by Software
Q2489-04	PS031041.D	2,4-DCAA #2	yogesh	7/16/2025 8:23:33 AM			Peak Integrated by Software
Q2489-05	PS031042.D	2,4-DCAA #2	yogesh	7/16/2025 8:23:35 AM			Peak Integrated by Software
Q2489-06	PS031043.D	2,4-DCAA	yogesh	7/16/2025 8:23:38 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	2,4,5-T	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	2,4,5-TP (SILVEX)	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	2,4-D	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	2,4-DB	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PS071525	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031047.D	4-Nitrophenol	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	DCPA	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	DINOSEB	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	MCPA	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	MCPP	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	Pentachlorophenol	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031047.D	Picloram	Abdul	7/16/2025 10:37:02 AM			Peak Integrated by Software
HSTDCCC750	PS031062.D	2,4,5-T	Abdul	7/16/2025 10:37:11 AM			Peak Integrated by Software
HSTDCCC750	PS031062.D	2,4-D	Abdul	7/16/2025 10:37:11 AM			Peak Integrated by Software
HSTDCCC750	PS031062.D	2,4-DCAA	Abdul	7/16/2025 10:37:11 AM			Peak Integrated by Software
HSTDCCC750	PS031062.D	4-Nitrophenol	Abdul	7/16/2025 10:37:11 AM			Peak Integrated by Software
HSTDCCC750	PS031062.D	DCPA	Abdul	7/16/2025 10:37:11 AM			Peak Integrated by Software
HSTDCCC750	PS031062.D	DCPA #2	Abdul	7/16/2025 10:37:11 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PS071525	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031062.D	DINOSEB	Abdul	7/16/2025 10:37:11 AM			Peak Integrated by Software
HSTDCCC750	PS031062.D	MCPA #2	Abdul	7/16/2025 10:37:11 AM			Peak Integrated by Software
HSTDCCC750	PS031062.D	Pentachlorophenol	Abdul	7/16/2025 10:37:11 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PS071625	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS071125

Review By	Abdul	Review On	7/14/2025 8:48:45 AM		
Supervise By	mohammad	Supervise On	7/15/2025 1:41:05 AM		
SubDirectory	PS071125	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	PS031004.D	11 Jul 2025 15:11	AR\AJ	Ok
2	I.BLK	PS031005.D	11 Jul 2025 15:35	AR\AJ	Ok
3	HSTDICC200	PS031006.D	11 Jul 2025 16:00	AR\AJ	Ok,M
4	HSTDICC500	PS031007.D	11 Jul 2025 16:24	AR\AJ	Ok,M
5	HSTDICC750	PS031008.D	11 Jul 2025 16:48	AR\AJ	Ok
6	HSTDICC1000	PS031009.D	11 Jul 2025 17:12	AR\AJ	Ok
7	HSTDICC1500	PS031010.D	11 Jul 2025 17:36	AR\AJ	Ok,M
8	HSTDICV750	PS031011.D	11 Jul 2025 18:00	AR\AJ	Ok
9	I.BLK	PS031012.D	11 Jul 2025 18:25	AR\AJ	Ok,M
10	HSTDCCC750	PS031013.D	11 Jul 2025 18:49	AR\AJ	Ok
11	Q2517-01RE	PS031014.D	11 Jul 2025 20:01	AR\AJ	Confirms
12	Q2514-10RE	PS031015.D	11 Jul 2025 20:25	AR\AJ	Confirms
13	Q2493-01MS	PS031016.D	11 Jul 2025 20:49	AR\AJ	Not Ok
14	Q2493-01MSD	PS031017.D	11 Jul 2025 21:14	AR\AJ	Not Ok
15	I.BLK	PS031018.D	11 Jul 2025 21:38	AR\AJ	Ok
16	HSTDCCC750	PS031019.D	11 Jul 2025 22:02	AR\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS071525

Review By	yogesh	Review On	7/15/2025 3:24:40 PM		
Supervise By		Supervise On			
SubDirectory	PS071525	HP Acquire Method		HP Processing Method	ps071125 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	PS031029.D	15 Jul 2025 10:57	AR\AJ	Ok
2	I.BLK	PS031030.D	15 Jul 2025 17:08	AR\AJ	Ok
3	HSTDCCC750	PS031031.D	15 Jul 2025 17:57	AR\AJ	Ok,NS
4	PB168844BL	PS031032.D	15 Jul 2025 18:21	AR\AJ	Ok
5	PB168844BS	PS031033.D	15 Jul 2025 18:45	AR\AJ	Ok,NS
6	PB168728TB	PS031034.D	15 Jul 2025 19:09	AR\AJ	Ok
7	PB168803TB	PS031035.D	15 Jul 2025 19:33	AR\AJ	Ok
8	Q2489-01	PS031036.D	15 Jul 2025 19:58	AR\AJ	Ok
9	Q2489-01MS	PS031037.D	15 Jul 2025 20:22	AR\AJ	Ok,NS
10	Q2489-01MSD	PS031038.D	15 Jul 2025 20:46	AR\AJ	Ok,NS
11	Q2489-02	PS031039.D	15 Jul 2025 21:10	AR\AJ	Ok
12	Q2489-03	PS031040.D	15 Jul 2025 21:34	AR\AJ	Ok,NS
13	Q2489-04	PS031041.D	15 Jul 2025 21:58	AR\AJ	Ok,NS
14	Q2489-05	PS031042.D	15 Jul 2025 22:23	AR\AJ	Ok,NS
15	Q2489-06	PS031043.D	15 Jul 2025 22:47	AR\AJ	ReRun
16	Q2489-07	PS031044.D	15 Jul 2025 23:11	AR\AJ	Ok
17	Q2489-08	PS031045.D	15 Jul 2025 23:35	AR\AJ	Ok
18	I.BLK	PS031046.D	15 Jul 2025 23:59	AR\AJ	Ok
19	HSTDCCC750	PS031047.D	16 Jul 2025 00:48	AR\AJ	Ok,NS
20	PB168825BL	PS031048.D	16 Jul 2025 01:36	AR\AJ	Ok,NS
21	PB168825BS	PS031049.D	16 Jul 2025 02:00	AR\AJ	Ok,NS

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS071525

Review By	yogesh	Review On	7/15/2025 3:24:40 PM		
Supervise By		Supervise On			
SubDirectory	PS071525	HP Acquire Method		HP Processing Method	ps071125 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	PB168825TB	PS031050.D	16 Jul 2025 02:24	AR\AJ	Ok
23	Q2489-01	PS031051.D	16 Jul 2025 02:48	AR\AJ	Ok
24	Q2489-01MS	PS031052.D	16 Jul 2025 03:13	AR\AJ	Ok,NS
25	Q2489-01MSD	PS031053.D	16 Jul 2025 03:37	AR\AJ	Ok,NS
26	Q2489-02	PS031054.D	16 Jul 2025 04:01	AR\AJ	Ok
27	Q2489-03	PS031055.D	16 Jul 2025 04:25	AR\AJ	Not Ok
28	Q2489-04	PS031056.D	16 Jul 2025 04:49	AR\AJ	Ok
29	Q2489-05	PS031057.D	16 Jul 2025 05:13	AR\AJ	Ok
30	Q2489-06	PS031058.D	16 Jul 2025 05:38	AR\AJ	Ok
31	Q2489-07	PS031059.D	16 Jul 2025 06:02	AR\AJ	Ok,NS
32	Q2489-08	PS031060.D	16 Jul 2025 06:26	AR\AJ	Ok
33	I.BLK	PS031061.D	16 Jul 2025 06:50	AR\AJ	Ok
34	HSTDCCC750	PS031062.D	16 Jul 2025 07:14	AR\AJ	Ok,NS
35	Q2578-03	PS031063.D	16 Jul 2025 10:34	AR\AJ	Ok
36	Q2578-07	PS031064.D	16 Jul 2025 10:58	AR\AJ	ReRun
37	Q2578-11	PS031065.D	16 Jul 2025 11:22	AR\AJ	Ok
38	Q2578-15	PS031066.D	16 Jul 2025 13:03	AR\AJ	Ok,NR
39	Q2578-19	PS031067.D	16 Jul 2025 13:27	AR\AJ	Ok
40	Q2579-03	PS031068.D	16 Jul 2025 13:51	AR\AJ	Ok
41	Q2579-07	PS031069.D	16 Jul 2025 14:15	AR\AJ	Ok
42	Q2578-07RE	PS031070.D	16 Jul 2025 14:40	AR\AJ	Confirms
43	I.BLK	PS031071.D	16 Jul 2025 15:04	AR\AJ	Ok
44	HSTDCCC750	PS031072.D	16 Jul 2025 15:28	AR\AJ	Ok,NR

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS071525

Review By	yogesh	Review On	7/15/2025 3:24:40 PM		
Supervise By		Supervise On			
SubDirectory	PS071525	HP Acquire Method		HP Processing Method	ps071125 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	

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS071625

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PS071625	HP Acquire Method		HP Processing Method	ps071125 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	PS031073.D	16 Jul 2025 17:53	AR\AJ	Ok
2	I.BLK	PS031074.D	16 Jul 2025 19:29	AR\AJ	Ok
3	HSTDCCC750	PS031075.D	16 Jul 2025 19:54	AR\AJ	Ok
4	Q2489-06RE	PS031076.D	16 Jul 2025 20:18	AR\AJ	Confirms
5	Q2489-03	PS031077.D	16 Jul 2025 20:42	AR\AJ	Ok
6	Q2571-01	PS031078.D	16 Jul 2025 21:06	AR\AJ	Ok,NR
7	Q2571-05	PS031079.D	16 Jul 2025 21:30	AR\AJ	Ok
8	PB168871BL	PS031080.D	16 Jul 2025 21:54	AR\AJ	Ok
9	PB168871BS	PS031081.D	16 Jul 2025 22:18	AR\AJ	Not Ok
10	PB168871BSD	PS031082.D	16 Jul 2025 22:43	AR\AJ	Not Ok
11	Q2565-01	PS031083.D	16 Jul 2025 23:07	AR\AJ	Ok
12	Q2602-01	PS031084.D	16 Jul 2025 23:31	AR\AJ	Ok
13	I.BLK	PS031085.D	16 Jul 2025 23:55	AR\AJ	Ok
14	HSTDCCC750	PS031086.D	17 Jul 2025 00:19	AR\AJ	Ok,NR

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS071125

Review By	Abdul	Review On	7/14/2025 8:48:45 AM		
Supervise By	mohammad	Supervise On	7/15/2025 1:41:05 AM		
SubDirectory	PS071125	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	PS031004.D	11 Jul 2025 15:11		AR\AJ	Ok
2	I.BLK	I.BLK	PS031005.D	11 Jul 2025 15:35		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS031006.D	11 Jul 2025 16:00		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS031007.D	11 Jul 2025 16:24		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS031008.D	11 Jul 2025 16:48		AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031009.D	11 Jul 2025 17:12		AR\AJ	Ok
7	HSTDICC1500	HSTDICC1500	PS031010.D	11 Jul 2025 17:36		AR\AJ	Ok,M
8	HSTDICV750	ICVPS071125	PS031011.D	11 Jul 2025 18:00		AR\AJ	Ok
9	I.BLK	I.BLK	PS031012.D	11 Jul 2025 18:25		AR\AJ	Ok,M
10	HSTDCCC750	HSTDCCC750	PS031013.D	11 Jul 2025 18:49		AR\AJ	Ok
11	Q2517-01RE	TP-14RE	PS031014.D	11 Jul 2025 20:01	Surrogate low in 2nd column	AR\AJ	Confirms
12	Q2514-10RE	TP-90RE	PS031015.D	11 Jul 2025 20:25	Surrogate low in 1st column	AR\AJ	Confirms
13	Q2493-01MS	WC-11MS	PS031016.D	11 Jul 2025 20:49	F Flag in comp#1 , Comp#14 not detected,Comp#9,10 recovery fail	AR\AJ	Not Ok
14	Q2493-01MSD	WC-11MSD	PS031017.D	11 Jul 2025 21:14	F Flag in comp#1 , Comp#14 not detected,Comp#9,10 recovery fail	AR\AJ	Not Ok
15	I.BLK	I.BLK	PS031018.D	11 Jul 2025 21:38		AR\AJ	Ok
16	HSTDCCC750	HSTDCCC750	PS031019.D	11 Jul 2025 22:02		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS071525

Review By	yogesh	Review On	7/15/2025 3:24:40 PM		
Supervise By		Supervise On			
SubDirectory	PS071525	HP Acquire Method		HP Processing Method	ps071125 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	PS031029.D	15 Jul 2025 10:57		AR\AJ	Ok
2	I.BLK	I.BLK	PS031030.D	15 Jul 2025 17:08		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031031.D	15 Jul 2025 17:57		AR\AJ	Ok,NS
4	PB168844BL	PB168844BL	PS031032.D	15 Jul 2025 18:21		AR\AJ	Ok
5	PB168844BS	PB168844BS	PS031033.D	15 Jul 2025 18:45		AR\AJ	Ok,NS
6	PB168728TB	PB168728TB	PS031034.D	15 Jul 2025 19:09		AR\AJ	Ok
7	PB168803TB	PB168803TB	PS031035.D	15 Jul 2025 19:33		AR\AJ	Ok
8	Q2489-01	G4(0-6)	PS031036.D	15 Jul 2025 19:58		AR\AJ	Ok
9	Q2489-01MS	G4(0-6)MS	PS031037.D	15 Jul 2025 20:22		AR\AJ	Ok,NS
10	Q2489-01MSD	G4(0-6)MSD	PS031038.D	15 Jul 2025 20:46		AR\AJ	Ok,NS
11	Q2489-02	G4(6-12)	PS031039.D	15 Jul 2025 21:10		AR\AJ	Ok
12	Q2489-03	G3(0-6)	PS031040.D	15 Jul 2025 21:34		AR\AJ	Ok,NS
13	Q2489-04	G3(6-12)	PS031041.D	15 Jul 2025 21:58		AR\AJ	Ok,NS
14	Q2489-05	G2(0-6)	PS031042.D	15 Jul 2025 22:23		AR\AJ	Ok,NS
15	Q2489-06	G2(6-12)	PS031043.D	15 Jul 2025 22:47	Surrogate high in 1st column	AR\AJ	ReRun
16	Q2489-07	G1(0-6)	PS031044.D	15 Jul 2025 23:11		AR\AJ	Ok
17	Q2489-08	G1(6-12)	PS031045.D	15 Jul 2025 23:35		AR\AJ	Ok
18	I.BLK	I.BLK	PS031046.D	15 Jul 2025 23:59		AR\AJ	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 # PS071525

Review By	yogesh	Review On	7/15/2025 3:24:40 PM		
Supervise By		Supervise On			
SubDirectory	PS071525	HP Acquire Method		HP Processing Method	ps071125 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	HSTDCCC750	HSTDCCC750	PS031047.D	16 Jul 2025 00:48		AR\AJ	Ok,NS
20	PB168825BL	PB168825BL	PS031048.D	16 Jul 2025 01:36		AR\AJ	Ok,NS
21	PB168825BS	PB168825BS	PS031049.D	16 Jul 2025 02:00		AR\AJ	Ok,NS
22	PB168825TB	PB168825TB	PS031050.D	16 Jul 2025 02:24		AR\AJ	Ok
23	Q2489-01	G4(0-6)	PS031051.D	16 Jul 2025 02:48		AR\AJ	Ok
24	Q2489-01MS	G4(0-6)MS	PS031052.D	16 Jul 2025 03:13		AR\AJ	Ok,NS
25	Q2489-01MSD	G4(0-6)MSD	PS031053.D	16 Jul 2025 03:37		AR\AJ	Ok,NS
26	Q2489-02	G4(6-12)	PS031054.D	16 Jul 2025 04:01		AR\AJ	Ok
27	Q2489-03	G3(0-6)	PS031055.D	16 Jul 2025 04:25	Surrogate high in both column	AR\AJ	Not Ok
28	Q2489-04	G3(6-12)	PS031056.D	16 Jul 2025 04:49		AR\AJ	Ok
29	Q2489-05	G2(0-6)	PS031057.D	16 Jul 2025 05:13		AR\AJ	Ok
30	Q2489-06	G2(6-12)	PS031058.D	16 Jul 2025 05:38		AR\AJ	Ok
31	Q2489-07	G1(0-6)	PS031059.D	16 Jul 2025 06:02		AR\AJ	Ok,NS
32	Q2489-08	G1(6-12)	PS031060.D	16 Jul 2025 06:26		AR\AJ	Ok
33	I.BLK	I.BLK	PS031061.D	16 Jul 2025 06:50		AR\AJ	Ok
34	HSTDCCC750	HSTDCCC750	PS031062.D	16 Jul 2025 07:14		AR\AJ	Ok,NS
35	Q2578-03	WC-A5-01-C	PS031063.D	16 Jul 2025 10:34		AR\AJ	Ok
36	Q2578-07	WC-A2-09-C	PS031064.D	16 Jul 2025 10:58	Surrogate fail in 1st col	AR\AJ	ReRun
37	Q2578-11	WC-A2-10-C	PS031065.D	16 Jul 2025 11:22		AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS071525

Review By	yogesh	Review On	7/15/2025 3:24:40 PM		
Supervise By		Supervise On			
SubDirectory	PS071525	HP Acquire Method		HP Processing Method	ps071125 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	

38	Q2578-15	WC-A2-11-C	PS031066.D	16 Jul 2025 13:03		AR\AJ	Ok,NR
39	Q2578-19	WC-A2-12-C	PS031067.D	16 Jul 2025 13:27		AR\AJ	Ok
40	Q2579-03	WC-A2-13-C	PS031068.D	16 Jul 2025 13:51		AR\AJ	Ok
41	Q2579-07	WC-A2-14-C	PS031069.D	16 Jul 2025 14:15		AR\AJ	Ok
42	Q2578-07RE	WC-A2-09-CRE	PS031070.D	16 Jul 2025 14:40	Surrogate fail in 1st col	AR\AJ	Confirms
43	I.BLK	I.BLK	PS031071.D	16 Jul 2025 15:04		AR\AJ	Ok
44	HSTDCCC750	HSTDCCC750	PS031072.D	16 Jul 2025 15:28		AR\AJ	Ok,NR

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 # PS071625

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PS071625	HP Acquire Method		HP Processing Method	ps071125 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	PS031073.D	16 Jul 2025 17:53		AR\AJ	Ok
2	I.BLK	I.BLK	PS031074.D	16 Jul 2025 19:29		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031075.D	16 Jul 2025 19:54	Most of compounds failing high	AR\AJ	Ok
4	Q2489-06RE	G2(6-12)RE	PS031076.D	16 Jul 2025 20:18	Surrogate high in 1st column	AR\AJ	Confirms
5	Q2489-03	G3(0-6)	PS031077.D	16 Jul 2025 20:42		AR\AJ	Ok
6	Q2571-01	TP-18	PS031078.D	16 Jul 2025 21:06		AR\AJ	Ok,NR
7	Q2571-05	TP-17	PS031079.D	16 Jul 2025 21:30		AR\AJ	Ok
8	PB168871BL	PB168871BL	PS031080.D	16 Jul 2025 21:54		AR\AJ	Ok
9	PB168871BS	PB168871BS	PS031081.D	16 Jul 2025 22:18	Recovery fail for some compounds, opening & end ccal high	AR\AJ	Not Ok
10	PB168871BSD	PB168871BSD	PS031082.D	16 Jul 2025 22:43	Recovery fail for some compounds, opening & end ccal high	AR\AJ	Not Ok
11	Q2565-01	MOO-25-0192-0193	PS031083.D	16 Jul 2025 23:07		AR\AJ	Ok
12	Q2602-01	FRAC-TANK-266380	PS031084.D	16 Jul 2025 23:31		AR\AJ	Ok
13	I.BLK	I.BLK	PS031085.D	16 Jul 2025 23:55		AR\AJ	Ok
14	HSTDCCC750	HSTDCCC750	PS031086.D	17 Jul 2025 00:19	Most of compounds failing high	AR\AJ	Ok,NR

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168728

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 115525

Start Prep Date : 07/03/2025 **Time :** 15:00

End Prep Date : 07/04/2025 **Time :** 08:20

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 10

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : JZ

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 checked,30 rpm. q2489-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/07/25 11:00	JP Tech Room	SKG. RJ 1G+F
	Preparation Group	**Analysis Group** Inorganic

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168728

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168728TB	LEB728	09	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2489-01	G4(0-6)	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-02	G4(6-12)	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-03	G3(0-6)	03	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-04	G3(6-12)	04	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-05	G2(0-6)	05	100.04	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-06	G2(6-12)	06	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2489-07	G1(0-6)	07	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-08	G1(6-12)	08	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168728TB	LEB728	N/A	N/A	N/A	N/A	N/A	N/A
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB168728

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168728TB	LEB728	N/A	N/A	N/A	N/A	#1	4.93
Q2489-01	G4(0-6)	5.02	96.5	7.6	2.5	#1	4.93
Q2489-02	G4(6-12)	5.01	96.5	8.0	3.0	#1	4.93
Q2489-03	G3(0-6)	5.02	96.5	8.0	3.0	#1	4.93
Q2489-04	G3(6-12)	5.03	96.5	8.0	3.0	#1	4.93
Q2489-05	G2(0-6)	5.04	96.5	9.0	3.5	#1	4.93
Q2489-06	G2(6-12)	5.03	96.5	8.0	3.0	#1	4.93
Q2489-07	G1(0-6)	5.02	96.5	9.2	3.5	#1	4.93
Q2489-08	G1(6-12)	5.01	96.5	8.6	3.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2487 **WorkList ID :** 190546 **Department :** TCLP Extraction **Date :** 07-03-2025 11:48:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2489-01	G4(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-02	G4(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-03	G3(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-04	G3(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-05	G2(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-06	G2(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-07	G1(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-08	G1(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311

Date/Time 07/03/25 12:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JD (SM)

Date/Time 07/03/25 17:30

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168755

SOP ID : M1312-SPLP-10

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-2

TCLP Filter ID : 115525

Start Prep Date : 07/08/2025 **Time :** 14:00

End Prep Date : 07/09/2025 **Time :** 07:15

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : IZ

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
SPLP FLUID	WP112802	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Tumbler T-2 checked,30 rpm. Matrix spikes are added after fiftration and before preservation. Particle size reduction is not required.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/09/25 11:00	JP Lab Room	SPLP. RS Ext
	Preparation Group	Analysis Group Metals

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168755

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168755TB	LEB755	19	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q2489-01	G4(0-6)	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-02	G4(6-12)	12	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2489-03	G3(0-6)	13	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-2
Q2489-04	G3(6-12)	14	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2489-05	G2(0-6)	15	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-06	G2(6-12)	16	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q2489-07	G1(0-6)	17	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-08	G1(6-12)	18	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168755TB	LEB755	N/A	N/A	N/A	N/A	N/A	N/A
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

SPLP Fluid Determination

PB168755

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168755TB	LEB755	N/A	N/A	N/A	N/A	#1	4.24
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	#1	4.24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : splp q2489 **WorkList ID :** 190584 **Department :** TCLP Extraction **Date :** 07-08-2025 11:59:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2489-01	G4(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-02	G4(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-03	G3(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-04	G3(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-05	G2(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-06	G2(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-07	G1(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-08	G1(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312

Date/Time 07/08/25 12:20

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 07/08/25 13:30

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168825

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: N/A

pH Meter ID: N/A

Hood ID: 4,5,7

Extraction Start Date : 07/11/2025

Extraction Start Time : 08:23

Extraction End Date : 07/11/2025

Extraction End Time : 15:15

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	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
Ether	N/A	E3952
Acidified Na2SO4	N/A	EP2621
12N H2SO4	N/A	EP2605
NAOH 6N	N/A	EP2606
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2618
Hexane	N/A	E3950
NACL	N/A	M4459
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted with 6N NaOH>12 prior to Hydrolysis, PH adjusted with cold 12N H2SO4<2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ml Vial Lot # 03-40BTS723.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/11/25	RS (Ext-Lab)	Y.P-Post Lab
15:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168825

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168825BL	HBLK825	SPLP Herbicide	1000	6	RUPESH	ritesh	10			SEP-1
PB168825BS	HLCS825	SPLP Herbicide	1000	6	RUPESH	ritesh	10			2
PB168825TB	PB168825TB	SPLP Herbicide	1000	6	RUPESH	ritesh	10			3
Q2489-01	G4(0-6)	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		4
Q2489-01MS	G4(0-6)MS	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		5
Q2489-01MSD	G4(0-6)MSD	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		6
Q2489-02	G4(6-12)	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		7
Q2489-03	G3(0-6)	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		8
Q2489-04	G3(6-12)	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		9
Q2489-05	G2(0-6)	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		10
Q2489-06	G2(6-12)	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		11
Q2489-07	G1(0-6)	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		12
Q2489-08	G1(6-12)	SPLP Herbicide	1000	6	RUPESH	ritesh	10	A		13

RS
7/11

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

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168755

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168755TB	LEB755	19	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q2489-01	G4(0-6)	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-02	G4(6-12)	12	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2489-03	G3(0-6)	13	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-2
Q2489-04	G3(6-12)	14	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2489-05	G2(0-6)	15	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-06	G2(6-12)	16	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q2489-07	G1(0-6)	17	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-08	G1(6-12)	18	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2

07/09/15
11:00

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168844

SOP ID:	M8151A-Herbicide-23				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/14/2025
Matrix :	Water			**Extraction Start Time :**	10:14
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	07/14/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	17:00
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	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
MDL	0.2ML	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
Ether	N/A	E3952
Acidified Na2SO4	N/A	EP2621
NAOH 6N	N/A	EP2606
12N H2SO4	N/A	EP2605
NACL	N/A	M4459
ISO OCTANE	N/A	E3554
Diazomethane	N/A	EP2618
Hexane	N/A	E3950
METHANOL	N/A	V14622
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted with 6N NaOH>12 prior to Hydrolysis, PH adjusted with cold 12N H2SO4<2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ml Vial Lot # 03-40BTS723.

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
7/14/25	RS (Ext-Lab)	R. Patel/PC13 Lab
17:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168844

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/14/2025

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168728TB	PB168728TB	TCLP Herbicide	100	6	RUPESH	Evelyn	10			SEP-1
~~PB168755TB~~	~~PB168755TB~~	~~TCLP Herbicide~~		~~6~~	~~RUPESH~~	~~Evelyn~~	~~10~~			
PB168803TB	PB168803TB	TCLP Herbicide	100	6	RUPESH	Evelyn	10			2
PB168844BL	HBLK844	TCLP Herbicide	1000	6	RUPESH	Evelyn	10			3
PB168844BS	HLCS844	TCLP Herbicide	1000	6	RUPESH	Evelyn	10			4
Q2489-01	G4(0-6)	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		5
Q2489-01MS	G4(0-6)MS	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		6
Q2489-01MSD	G4(0-6)MSD	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		7
Q2489-02	G4(6-12)	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		8
Q2489-03	G3(0-6)	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		9
Q2489-04	G3(6-12)	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		10
Q2489-05	G2(0-6)	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		11
Q2489-06	G2(6-12)	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		12
Q2489-07	G1(0-6)	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		13
Q2489-08	G1(6-12)	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		14
Q2578-03	WC-A5-01-C	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		15
Q2578-07	WC-A2-09-C	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		16
Q2578-11	WC-A2-10-C	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		SEP-1
Q2578-15	WC-A2-11-C	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		2
Q2578-19	WC-A2-12-C	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		3
Q2579-03	WC-A2-13-C	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		4
Q2579-07	WC-A2-14-C	TCLP Herbicide	100	6	RUPESH	Evelyn	10	A		5

RS 7/14

RS 7/14

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

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168803

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168803TB	LEB803	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2561-07	AUD-25-0117	01	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2565-06	MOO-25-0194-0195	02	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2565-07	MOO-25-0191	03	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2565-08	MOO-25-0196	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2565-09	MOO-25-0180	05	100.04	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q2571-04	TP-18	06	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2571-08	TP-17	07	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2578-03	WC-A5-01-C	08	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-07	WC-A2-09-C	09	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-1
Q2578-11	WC-A2-10-C	10	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-15	WC-A2-11-C	11	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
Q2578-19	WC-A2-12-C	12	100.04	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2579-03	WC-A2-13-C	13	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2579-07	WC-A2-14-C	14	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2586-04	TP-16	15	100.01	2000	N/A	N/A	N/A	7.2	1.5	T-2

07/14/2025

10:00

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168728

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168728TB	LEB728	09	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2489-01	G4(0-6)	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-02	G4(6-12)	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-03	G3(0-6)	03	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-04	G3(6-12)	04	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-05	G2(0-6)	05	100.04	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-06	G2(6-12)	06	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2489-07	G1(0-6)	07	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-08	G1(6-12)	08	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

07/07/25

111.0C

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO. ~~Q2489~~ Q2489
QUOTE NO. 25
COC Number 2046744

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Benie Dion Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shafts 17B+18B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1. TCL VOCs + TICs, TCLP + SPLP VOCs
2. TCL SVOCs + TICs
3. TAL Metals + Mercury (RCRA + Be, Cu, Ni, Zn)
4. Total Cyanide, Cr + Hex Chromium
5. Pest / Herb / PCB
6. SPLP Metals, SVOCs, Pest + Herb
7. TCLP Metals, SVOCs, Pest + Herb
8. NJ EPH TPH (C6B Deg)
9. RCRA Characteristics (Ignit, Corr, React, Sulfide)

*See add'l analyses in comments

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (F+E)	2 (E)	3 (E)	4 (E)	5 (E)	6 (E)	7 (E)	8 (E)	9 (E)	COMMENTS
1.	G4(1.5)	Soil		X	7/1/25	1025	6	X									3x vials (terracore set)
2.	G4(10)	↓		X	↓	1045	↓	X									+ 2x encores +
3.	G3(9)			X		1150		X									1x plastic
4.	G3(3)			X		1200		X									↓
5.	G2(2.5)			X		1325		X									
6.	G2(9)			X		1330		X									
7.	G1(4.5)			X		1430		X									3x vials (terracore set)
8.	G1(10)			X		1440	↓	X									1x 8oz + 1x plastic + 1x encore
9.	G4(0-6)		X			1100	7		X	X	X	X	X	X	X	X	7x 8oz jars
10.	G4(6-12)	↓	X		↓	1110	↓		X	X	X	X	X	X	X	X	↓

Specify Preservatives: A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-OTHER (methanol)

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	7/1/25 1600	1. Benie DG
2. Benie DG	7-1-25 1600	2. [signature] 7-1-25 1600
3. [signature]	7-1-25 1818	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.3 °C

Comments: Full analyte list in B. Gokan email on 6/26/25 to J. Hedwat
See Bottle Order # B2506068 + B2506069
Add'l analyses - Paint Filter, Organic Content by LOI, TS, TVS, Ammonia + Nitrogen, COD, Oil + Grease

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
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ALLIANCE PROJECT NO. / QUOTE NO.: Q2489M
COC Number: 2047536

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Walsh Construction
ADDRESS: 150 Clove Rd, 11th Floor
CITY: Little Falls STATE: NJ ZIP: 07424
ATTENTION: Bernie Don Gokon
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shafts 17B 1+18B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clove Rd, 11th Floor
CITY: Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1. TCL VOCs + TICs, TCLP + SPLP VOCs
2. TCL SVOCs + TICs
3. TAL Metals + Mercury (RCRA + Be, Cu, Ni, Zn), Total Cyanide
4. Total Cyanide, Tri + Hex Chromium
5. Pest/Herb/PCB
6. SPLP SVOCs, Metals, Pest, Herb
7. TCLP SVOCs, Metals, Pest, Herb
8. NJ EPH
9. RCRA Characteristics (Ignit, Corros, Reactivity (Cyanide/Sulfide)), TPH (DRO + GRO)

*see add'l analyses in comments

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (F+E)	2 (E)	3 (E)	4 (E)	5 (E)	6 (E)	7 (E)	8 (E)	9 (E)	COMMENTS
1.	G3 (0-6)	Soil	X		7/1/25	1235	7		X	X	X	X	X	X	X	X	7x 8 oz jars
2.	G3 (6-12)	↓	↓		↓	1245	↓										
3.	G2 (0-6)					1350											
4.	G2 (6-12)					1400											
5.	G1 (0-6)					1410											
6.	G1 (6-12)	↓	↓		↓	1420	↓										
7.																	
8.																	
9.																	
10.																	

Specify Preservatives: A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-OTHER (methanol)

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	7/1/25 1600	1. Bernie DG
2. Bernie DG	7-1-25	2. [signature] 1600 7-1-25
3. [signature]	7/1/25 1818	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5 °C

Comments: Full analyte list in B. Gokon email on 6/26/25 to J. Heaviest
See Bottle Order #B2506068 + B2506069
Add'l analyses - Paint filter, Organic Content by LOI, TS, TVS, Ammonia + Nitrogen, COD, Oil + Grease

Page 2 of 2

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