

Cover Page

Order ID : Q2001

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number

Q2001-01
Q2001-02
Q2001-03
Q2001-04
Q2001-05
Q2001-06
Q2001-07
Q2001-08
Q2001-09
Q2001-10
Q2001-11
Q2001-12
Q2001-13
Q2001-14
Q2001-15
Q2001-16

Client Sample Number

WC-A4-03-G
WC-A4-03-C
WC-A4-03-C
WC-A4-03-C
WC-A1-05-G
WC-A1-05-C
WC-A1-05-C
WC-A1-05-C
WC-A1-06-G
WC-A1-06-C
WC-A1-06-C
WC-A1-06-C
WC-A1-07-G
WC-A1-07-C
WC-A1-07-C
WC-A1-07-C

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: 5/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2001

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 Custody

✓

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: PRATHA PARGHI

Date: 05/16/2025

LAB CHRONICLE

OrderID:	Q2001	OrderDate:	5/9/2025 11:54:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2001-02	WC-A4-03-C	SOIL			05/06/25			05/09/25
			PCB	8082A		05/13/25	05/13/25	
Q2001-03	WC-A4-03-C	TCLP			05/06/25			05/09/25
			TCLP Herbicide	8151A		05/13/25	05/14/25	
			TCLP Pesticide	8081B		05/13/25	05/14/25	
Q2001-06	WC-A1-05-C	SOIL			05/07/25			05/09/25
			PCB	8082A		05/13/25	05/13/25	
Q2001-07	WC-A1-05-C	TCLP			05/07/25			05/09/25
			TCLP Herbicide	8151A		05/13/25	05/14/25	
			TCLP Pesticide	8081B		05/13/25	05/14/25	
Q2001-10	WC-A1-06-C	SOIL			05/08/25			05/09/25
			PCB	8082A		05/13/25	05/13/25	
Q2001-11	WC-A1-06-C	TCLP			05/08/25			05/09/25
			TCLP Herbicide	8151A		05/13/25	05/15/25	
			TCLP Pesticide	8081B		05/13/25	05/14/25	
Q2001-14	WC-A1-07-C	SOIL			05/08/25			05/09/25
			PCB	8082A		05/13/25	05/13/25	
Q2001-15	WC-A1-07-C	TCLP			05/08/25			05/09/25
			TCLP Herbicide	8151A		05/13/25	05/15/25	
			TCLP Pesticide	8081B		05/13/25	05/14/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q2001

Order ID: Q2001

Client: ENTACT

Project ID: 540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: Q2001

Client: ENTACT

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS030124.D	PIBLK-PS030124.D	2,4-DCAA	1	500	419	84		70 (39)	130 (175)
		2,4-DCAA	2	500	418	84		70 (39)	130 (175)
I.BLK-PS030189.D	PIBLK-PS030189.D	2,4-DCAA	1	500	482	96		70 (39)	130 (175)
		2,4-DCAA	2	500	491	98		70 (39)	130 (175)
PB167988BL	PB167988BL	2,4-DCAA	1	500	480	96		70 (39)	130 (175)
		2,4-DCAA	2	500	460	92		70 (39)	130 (175)
PB167963TB	PB167963TB	2,4-DCAA	1	500	831	166	*	70 (39)	130 (175)
		2,4-DCAA	2	500	497	99		70 (39)	130 (175)
Q2001-03	WC-A4-03-C	2,4-DCAA	1	500	483	97		70 (39)	130 (175)
		2,4-DCAA	2	500	481	96		70 (39)	130 (175)
I.BLK-PS030201.D	PIBLK-PS030201.D	2,4-DCAA	1	500	485	97		70 (39)	130 (175)
		2,4-DCAA	2	500	493	99		70 (39)	130 (175)
Q2001-03MS	WC-A4-03-CMS	2,4-DCAA	1	500	383	77		70 (39)	130 (175)
		2,4-DCAA	2	500	388	78		70 (39)	130 (175)
Q2001-03MSD	WC-A4-03-CMSD	2,4-DCAA	1	500	386	77		70 (39)	130 (175)
		2,4-DCAA	2	500	390	78		70 (39)	130 (175)
Q2001-07	WC-A1-05-C	2,4-DCAA	1	500	466	93		70 (39)	130 (175)
		2,4-DCAA	2	500	458	92		70 (39)	130 (175)
Q2001-11	WC-A1-06-C	2,4-DCAA	1	500	477	95		70 (39)	130 (175)
		2,4-DCAA	2	500	477	95		70 (39)	130 (175)
Q2001-15	WC-A1-07-C	2,4-DCAA	1	500	461	92		70 (39)	130 (175)
		2,4-DCAA	2	500	482	96		70 (39)	130 (175)
I.BLK-PS030213.D	PIBLK-PS030213.D	2,4-DCAA	1	500	487	97		70 (39)	130 (175)
		2,4-DCAA	2	500	495	99		70 (39)	130 (175)
I.BLK-PS030223.D	PIBLK-PS030223.D	2,4-DCAA	1	500	491	98		70 (39)	130 (175)
		2,4-DCAA	2	500	503	101		70 (39)	130 (175)
PB167988BS	PB167988BS	2,4-DCAA	1	500	578	116		70 (39)	130 (175)
		2,4-DCAA	2	500	579	116		70 (39)	130 (175)
I.BLK-PS030235.D	PIBLK-PS030235.D	2,4-DCAA	1	500	451	90		70 (39)	130 (175)
		2,4-DCAA	2	500	462	92		70 (39)	130 (175)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q2001	Analytical Method:	8151A
Client:	ENTACT	DataFile :	PS030203.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Q2001-03MS	2,4-D	50	0	43.4	ug/L	87				70 (65)	130 (135)	
	2,4,5-TP(Silvex)	50	0	40.4	ug/L	81				70 (62)	130 (139)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2001</u>	Analytical Method:	<u>8151A</u>
Client:	<u>ENTACT</u>	DataFile :	<u>PS030204.D</u>

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Q2001-03MSD	2,4-D	50	0	43.8	ug/L	88		1		70 (65)	130 (135)	20 (20)
	2,4,5-TP(Silvex)	50	0	40.6	ug/L	81		0		70 (62)	130 (139)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2001

Client: ENTACT

Analytical Method: **8151A** **Datafile :** PS030226.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167988BS	2,4-D	5	5.50	ug/L	110				70 (83)	130 (130)	
	2,4,5-TP(Silvex)	5	5.60	ug/L	112				70 (78)	130 (127)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167988BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001

SAS No.: Q2001 SDG NO.: Q2001

Lab Sample ID: PB167988BL

Lab File ID: PS030197.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/13/2025

Date Analyzed (1): 05/14/2025

Date Analyzed (2): 05/14/2025

Time Analyzed (1): 20:42

Time Analyzed (2): 20:42

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
PB167963TB	PB167963TB	PS030199.D	05/14/2025	05/14/2025
WC-A4-03-C	Q2001-03	PS030200.D	05/14/2025	05/14/2025
WC-A4-03-CMS	Q2001-03MS	PS030203.D	05/14/2025	05/14/2025
WC-A4-03-CMSD	Q2001-03MSD	PS030204.D	05/14/2025	05/14/2025
WC-A1-05-C	Q2001-07	PS030205.D	05/14/2025	05/14/2025
WC-A1-06-C	Q2001-11	PS030206.D	05/15/2025	05/15/2025
WC-A1-07-C	Q2001-15	PS030207.D	05/15/2025	05/15/2025
PB167988BS	PB167988BS	PS030226.D	05/15/2025	05/15/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/13/25
Client Sample ID:	PB167963TB	SDG No.:	Q2001
Lab Sample ID:	PB167963TB	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
PS030199.D	1	05/13/25 11:30	05/14/25 21:30	PB167988

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	831	*	70 (39) - 130 (175)	166%	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\PS051425\
 Data File : PS030199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 21:30
 Operator : AR\AJ
 Sample : PB167963TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167963TB

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:40:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.937	7.453	2367.0E6	397.8E6	831.179	497.127m#
Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 21:30
Operator : AR\AJ
Sample : PB167963TB
Misc :
ALS Vial : 30 Sample Multiplier: 1

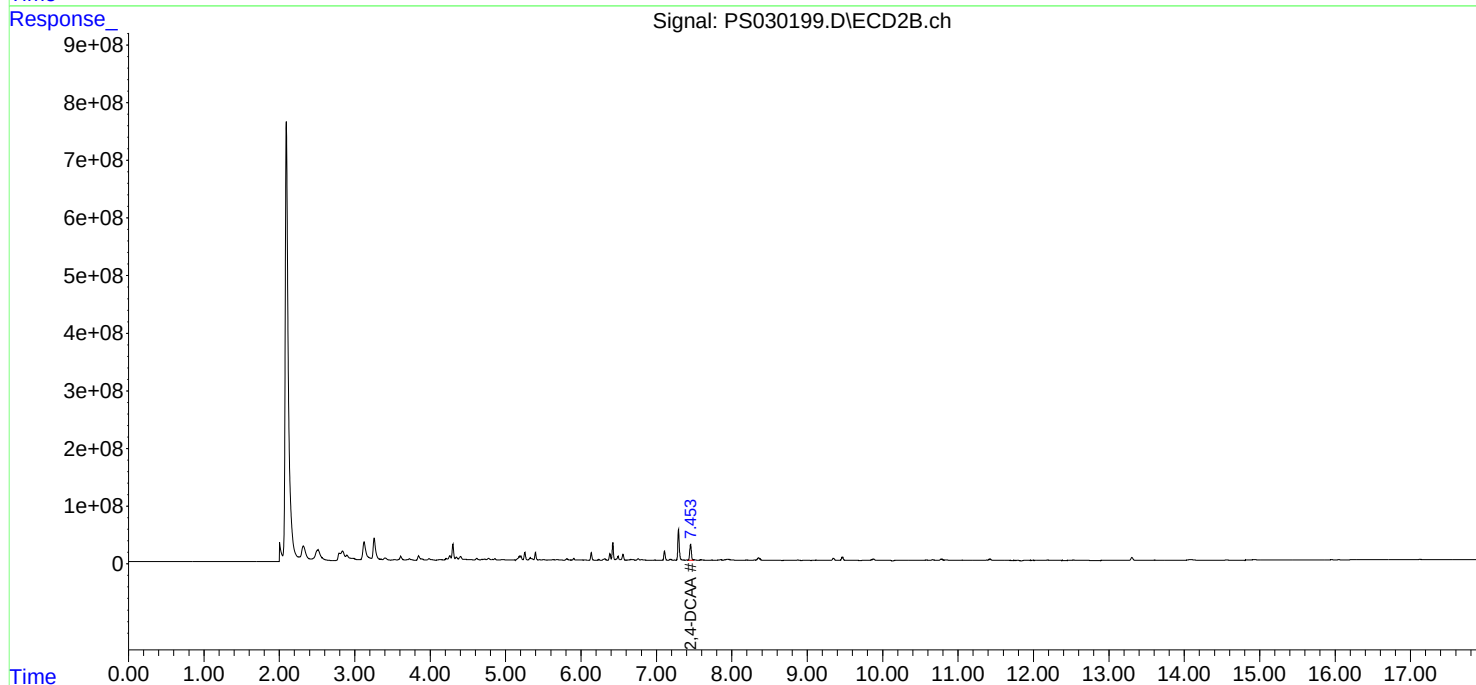
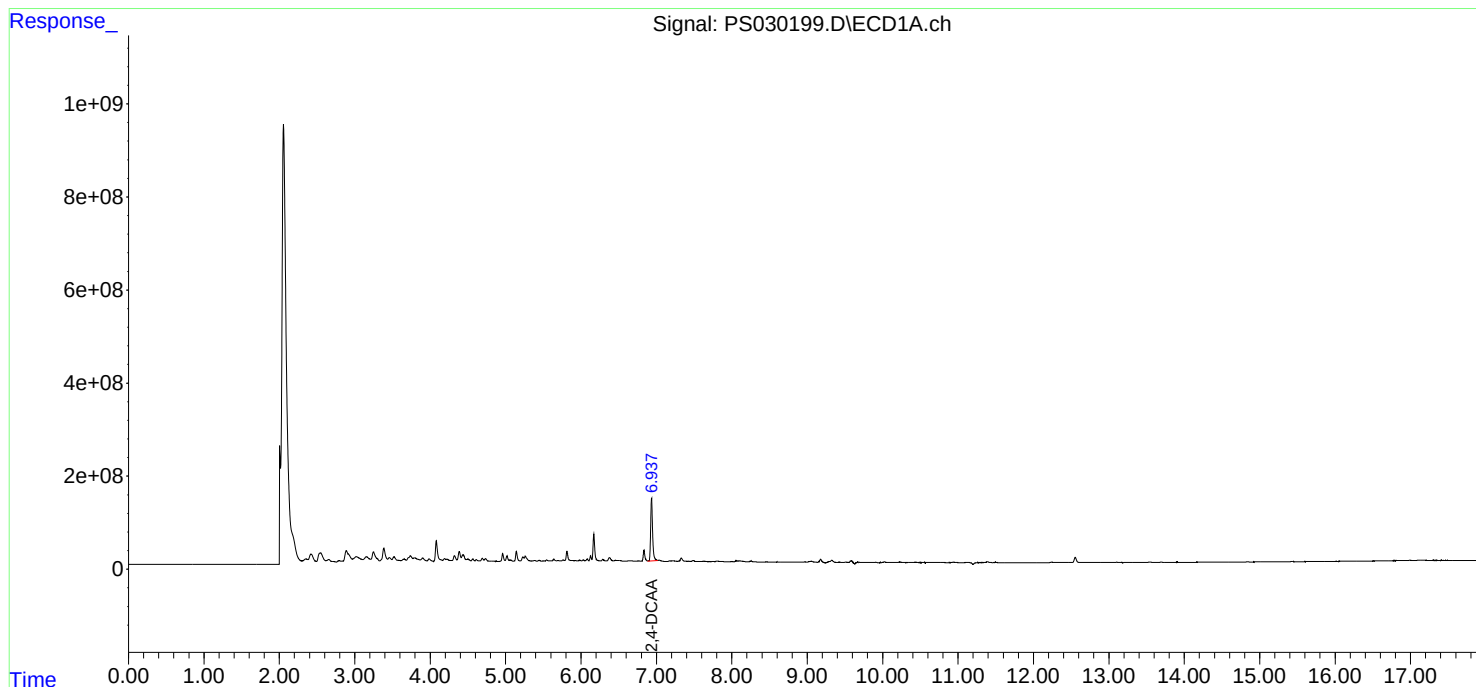
Instrument :
ECD_S
ClientSampleId :
PB167963TB

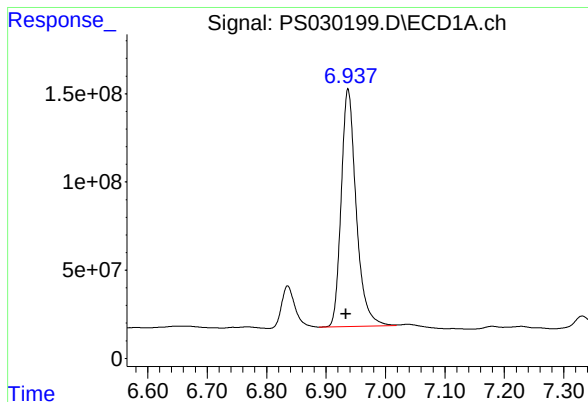
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/15/2025
Supervised By : mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:40:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





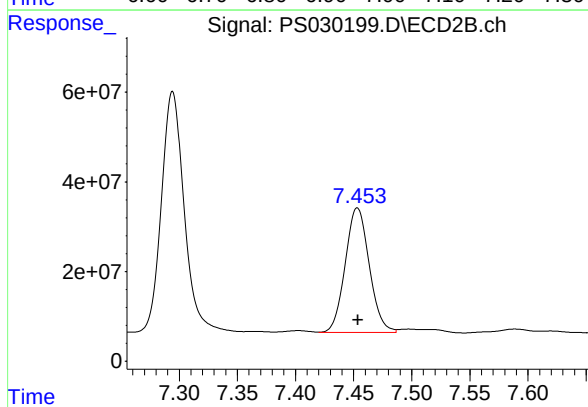
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: 0.003 min
Response: 2367038867
Conc: 831.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167963TB

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 397802624
Conc: 497.13 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A4-03-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-03	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030200.D	1	05/13/25 11:30	05/14/25 21:54	PB167988

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	483		70 (39) - 130 (175)	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\PS051425\
Data File : PS030200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 21:54
Operator : AR\AJ
Sample : Q2001-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
WC-A4-03-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:41:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 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	6.933	7.453	1374.5E6	384.7E6	482.635	480.726

Target Compounds

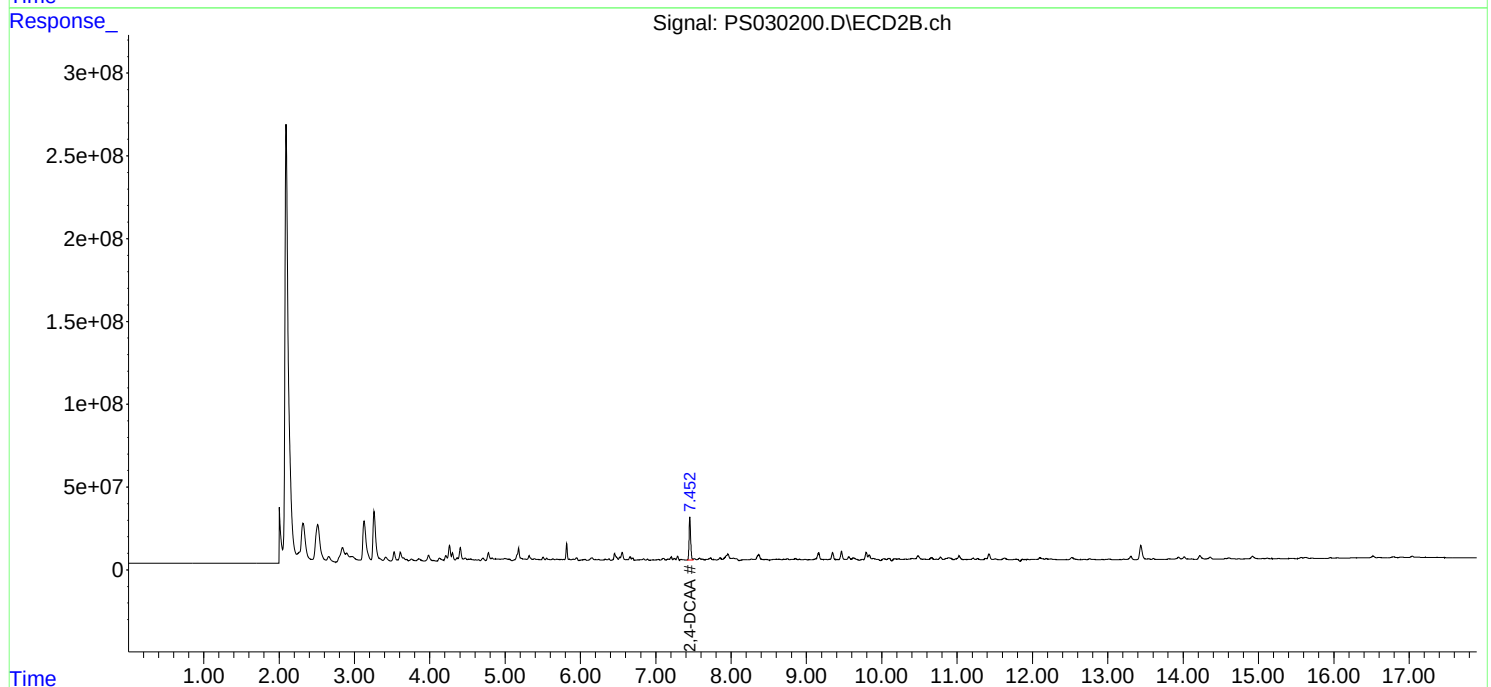
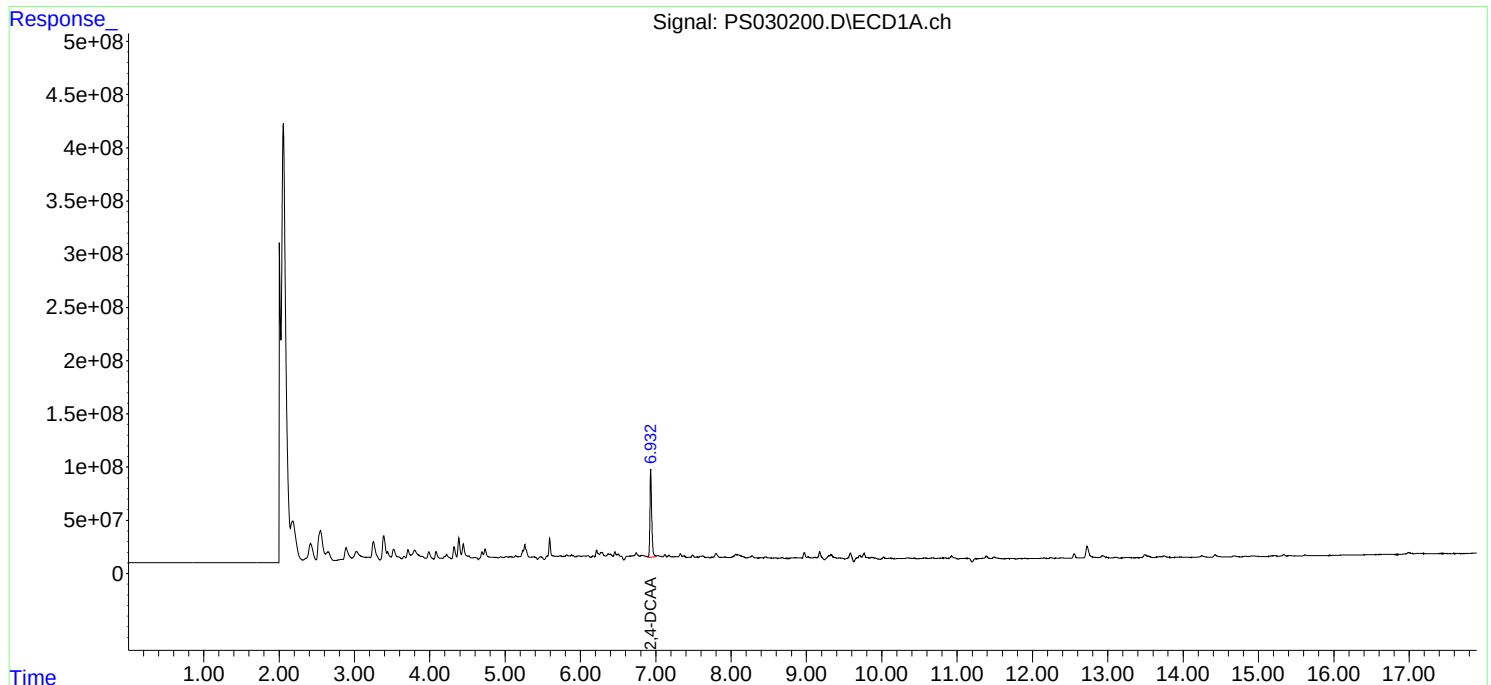
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

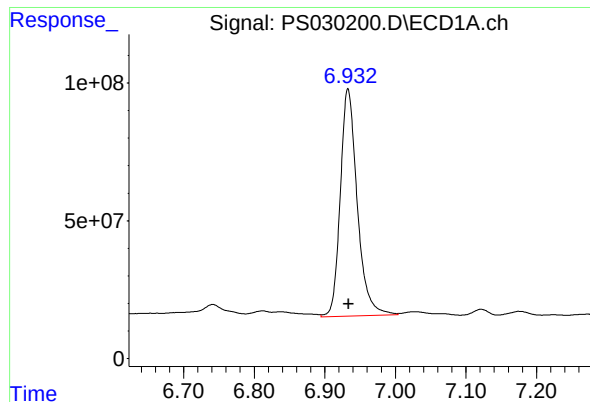
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 21:54
Operator : AR\AJ
Sample : Q2001-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
WC-A4-03-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:41:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.933 min

Delta R.T.: 0.000 min

Response: 1374450840

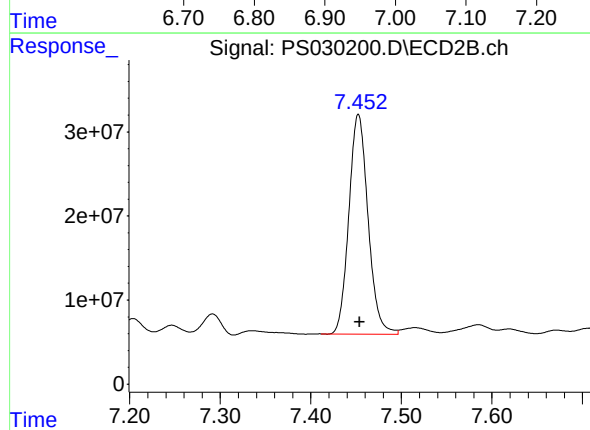
Conc: 482.63 ng/ml

Instrument :

ECD_S

ClientSampleId :

WC-A4-03-C



#4 2,4-DCAA

R.T.: 7.453 min

Delta R.T.: -0.001 min

Response: 384678378

Conc: 480.73 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/07/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A1-05-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-07	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030205.D	1	05/13/25 11:30	05/14/25 23:54	PB167988

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	466		70 (39) - 130 (175)	93%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030205.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 23:54
 Operator : AR\AJ
 Sample : Q2001-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-A1-05-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:41:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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
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System Monitoring Compounds

4) S	2,4-DCAA	6.933	7.452	1326.1E6	366.4E6	465.649	457.922
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Target Compounds

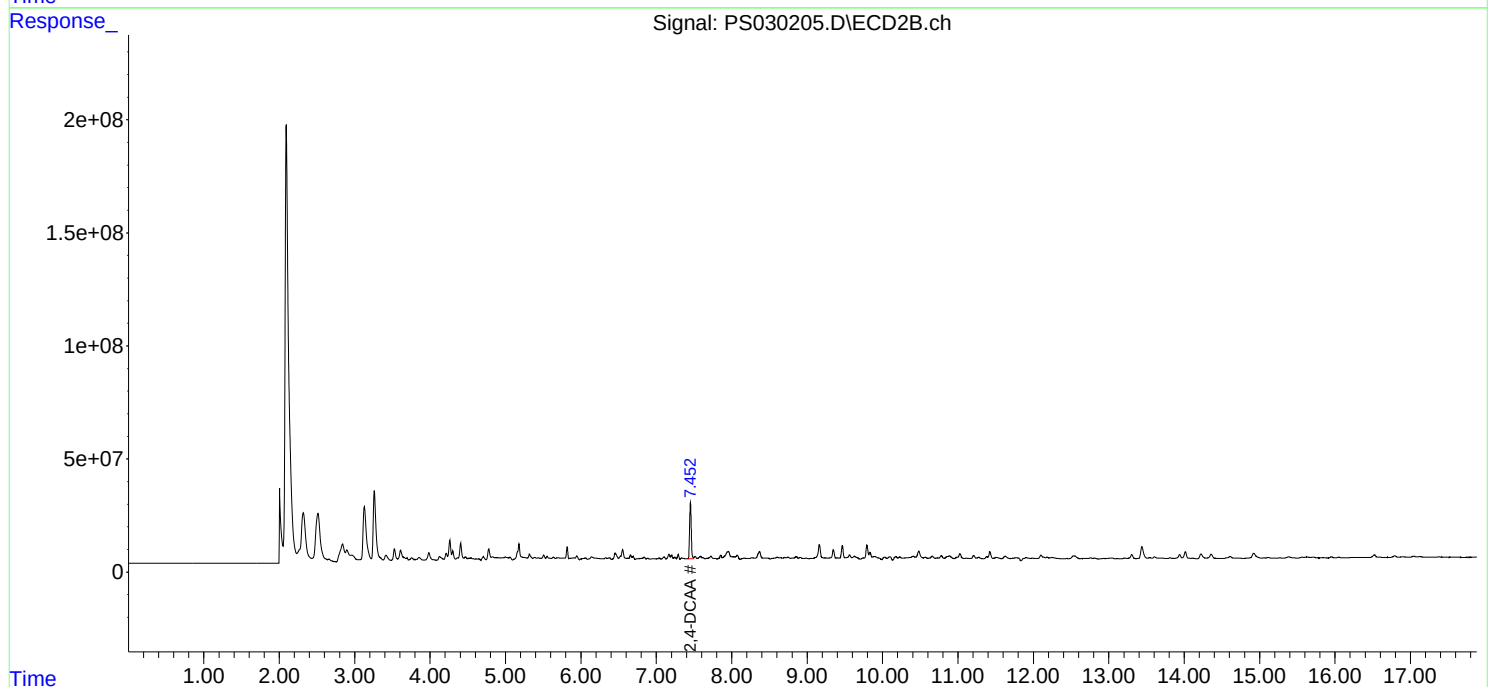
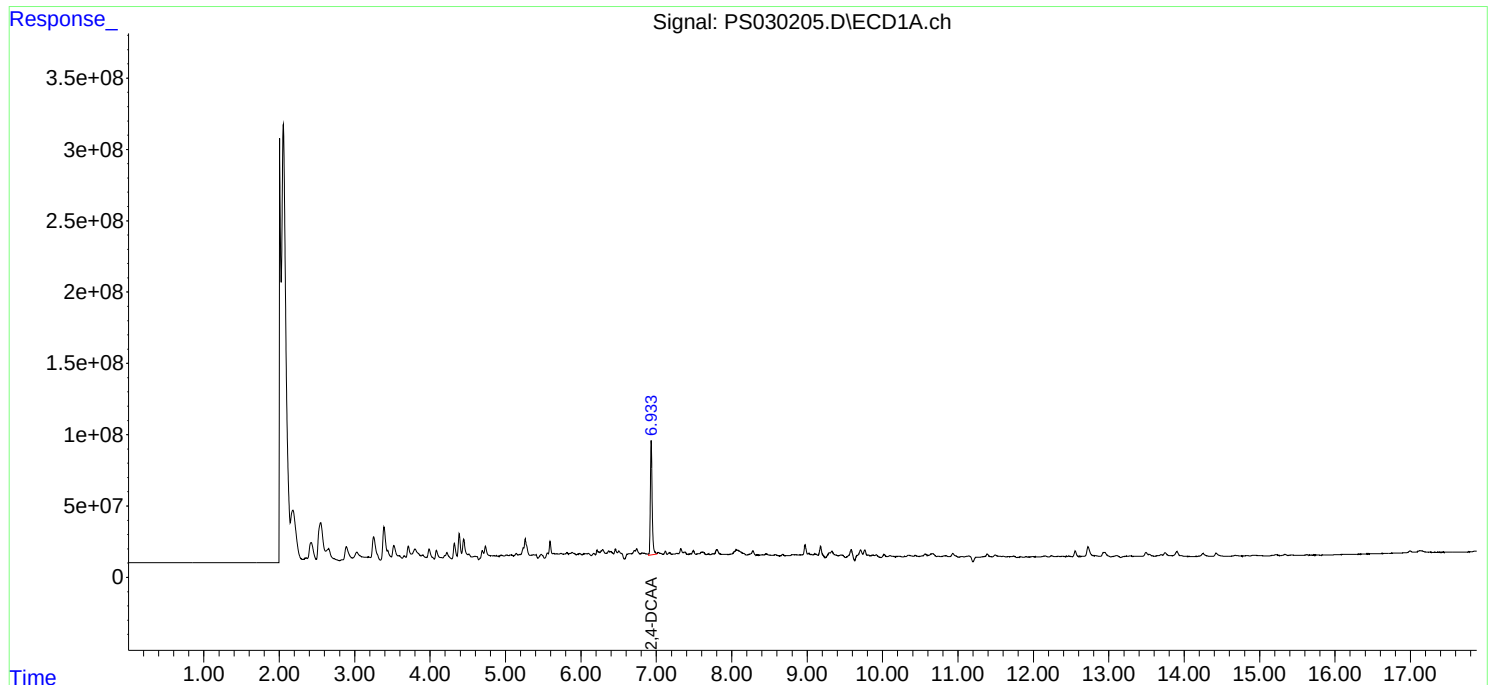
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

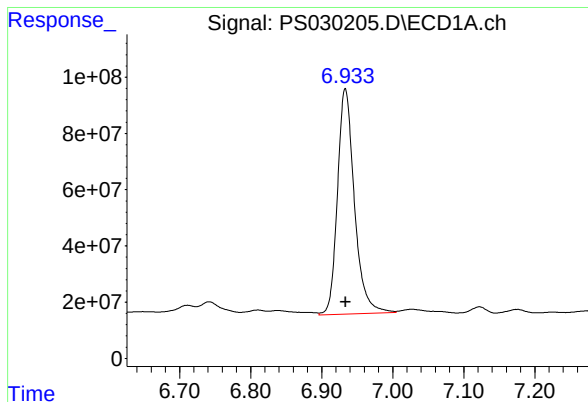
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 23:54
Operator : AR\AJ
Sample : Q2001-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
WC-A1-05-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:41:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.933 min

Delta R.T.: 0.000 min

Response: 1326079064

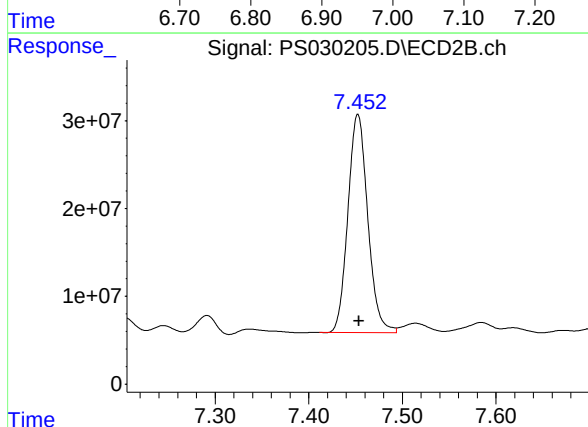
Conc: 465.65 ng/ml

Instrument :

ECD_S

ClientSampleId :

WC-A1-05-C



#4 2,4-DCAA

R.T.: 7.452 min

Delta R.T.: -0.001 min

Response: 366431094

Conc: 457.92 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/08/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A1-06-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-11	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
PS030206.D	1	05/13/25 11:30	05/15/25 00:18	PB167988

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		70 (39) - 130 (175)	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\PS051425\
 Data File : PS030206.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 00:18
 Operator : AR\AJ
 Sample : Q2001-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-A1-06-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:41:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.452	1359.2E6	382.1E6	477.291	477.491

Target Compounds

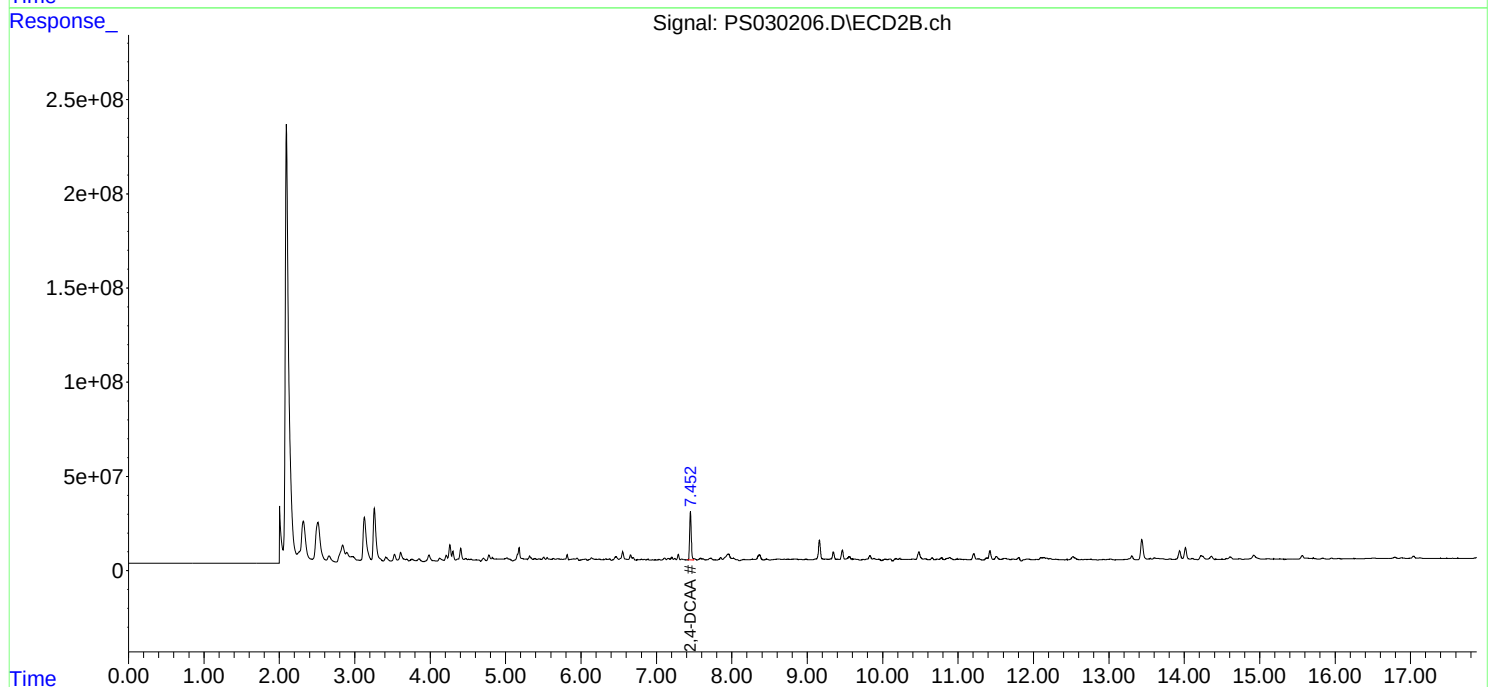
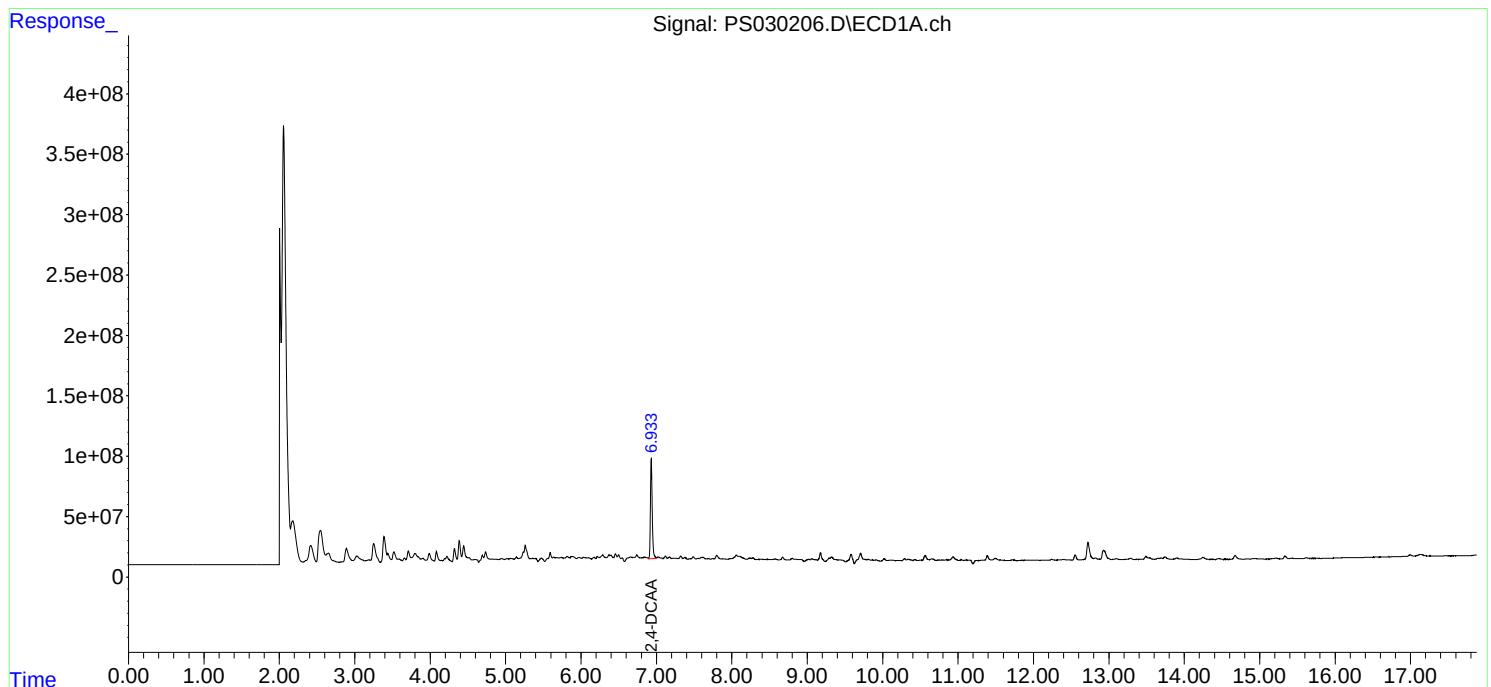
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

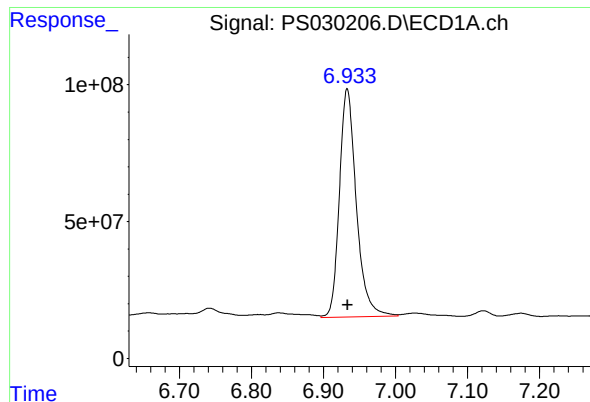
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 00:18
Operator : AR\AJ
Sample : Q2001-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
WC-A1-06-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.933 min

Delta R.T.: 0.000 min

Response: 1359233183

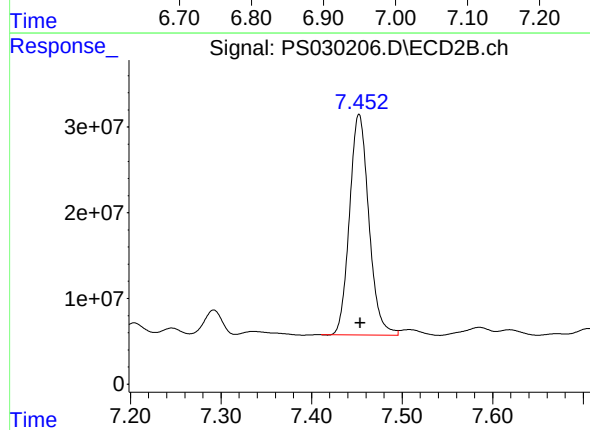
Conc: 477.29 ng/ml

Instrument :

ECD_S

ClientSampleId :

WC-A1-06-C



#4 2,4-DCAA

R.T.: 7.452 min

Delta R.T.: -0.001 min

Response: 382090317

Conc: 477.49 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/08/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A1-07-C	SDG No.:	Q2001
Lab Sample ID:	Q2001-15	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030207.D	1	05/13/25 11:30	05/15/25 00:42	PB167988

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	482		70 (39) - 130 (175)	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\PS051425\
 Data File : PS030207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 00:42
 Operator : AR\AJ
 Sample : Q2001-15
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-A1-07-C

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:42:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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
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 System Monitoring Compounds

4) S	2,4-DCAA	6.933	7.452	1313.5E6	385.8E6	461.233	482.157m
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Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 00:42
Operator : AR\AJ
Sample : Q2001-15
Misc :
ALS Vial : 36 Sample Multiplier: 1

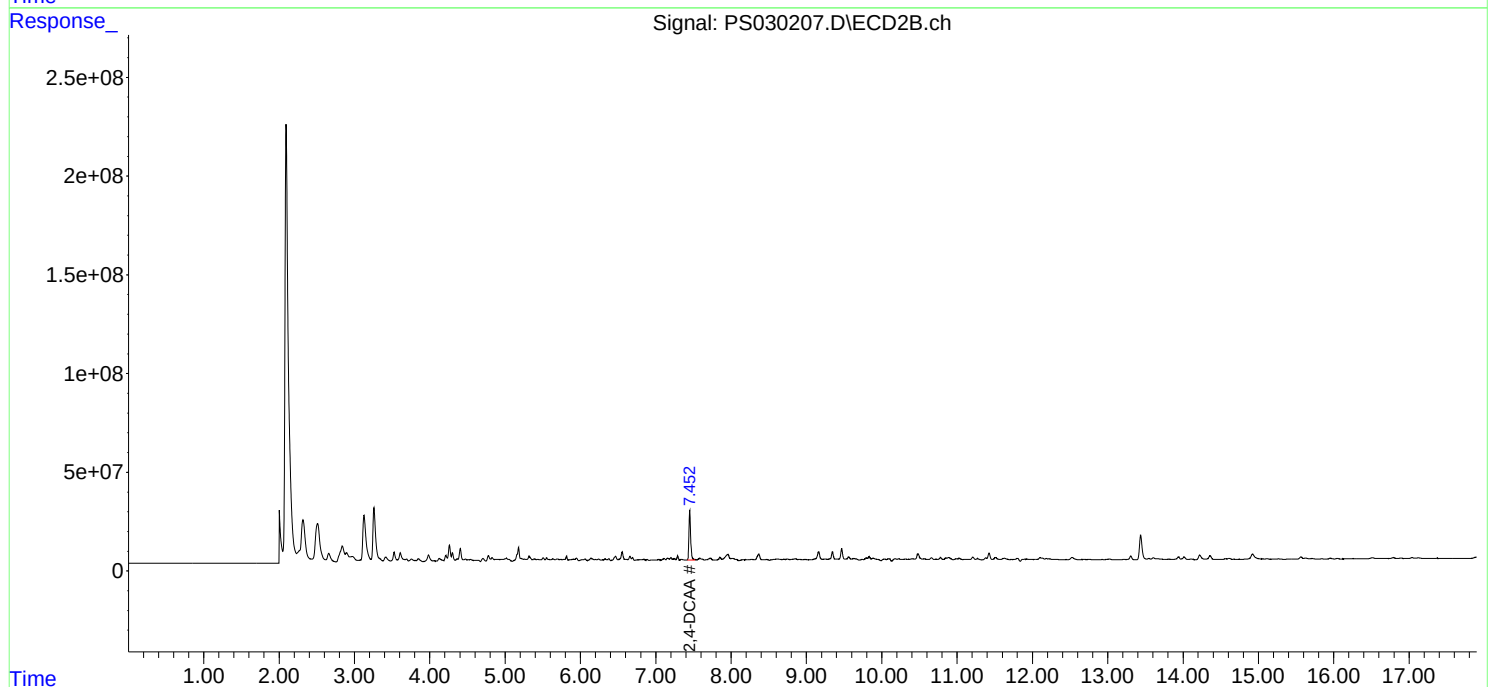
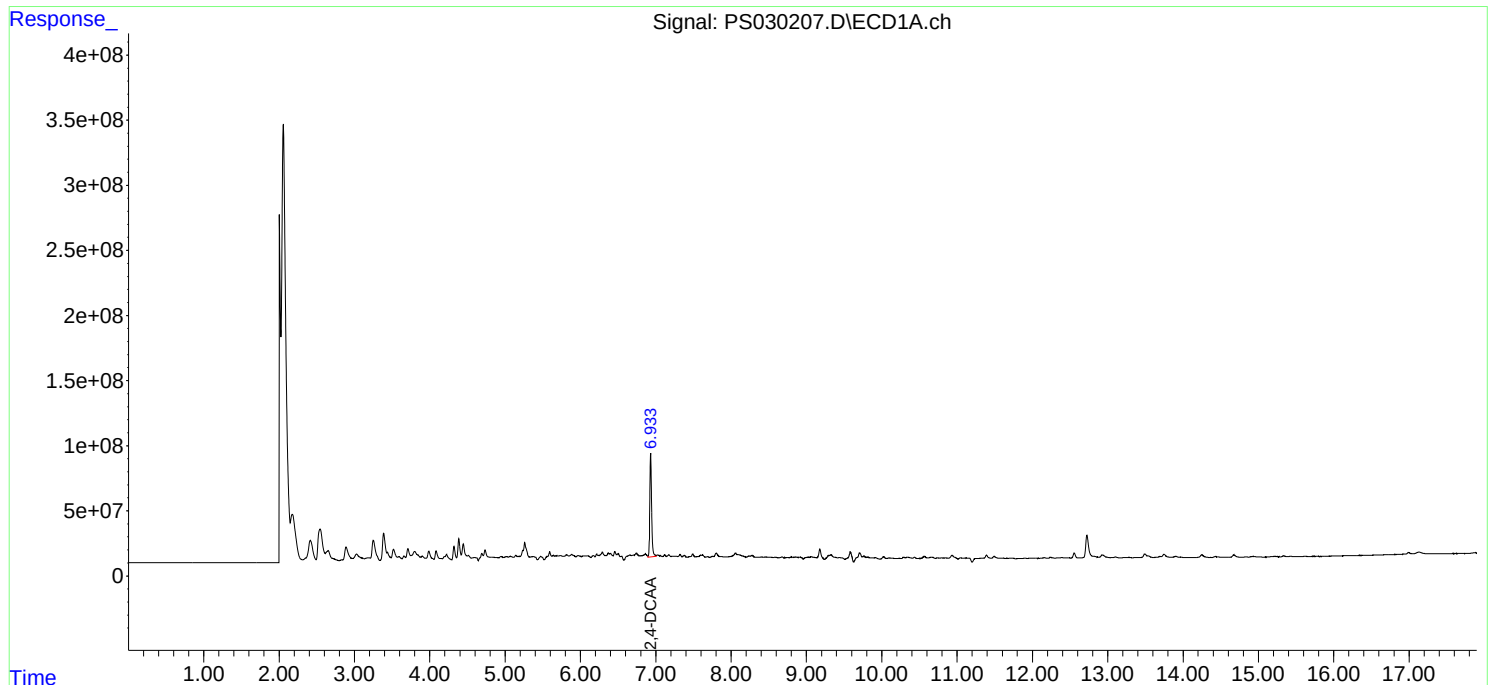
Instrument :
ECD_S
ClientSampleId :
WC-A1-07-C

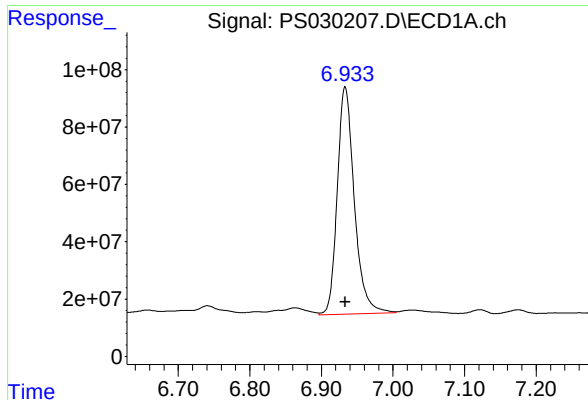
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/15/2025
Supervised By : mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:42:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





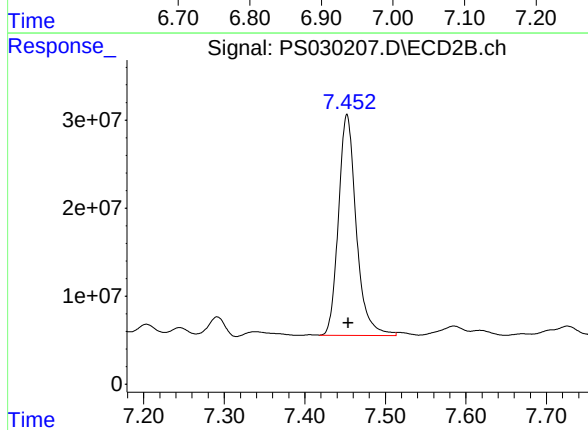
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 1313502270
Conc: 461.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-A1-07-C

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



#4 2,4-DCAA

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 385823580
Conc: 482.16 ng/ml m



CALIBRATION SUMMARY

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

LAB FILE ID:	RT 200 =	<u>PS030125.D</u>	RT 500 =	<u>PS030126.D</u>
RT 750 =	PS030127.D	RT 1000 =	PS030128.D	RT 1500 =
				PS030129.D

[illegible]

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

LAB FILE ID:	RT 200 =	<u>PS030125.D</u>	RT 500 =	<u>PS030126.D</u>
RT 750 =	PS030127.D	RT 1000 =	PS030128.D	RT 1500 = PS030129.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05
Lab Code: CHEM **Case No.:** Q2001 **SAS No.:** Q2001 **SDG NO.:** Q2001
Instrument ID: ECD_S **Calibration Date(s):** 05/12/2025 05/12/2025
Calibration Times: 12:30 14:06

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

LAB FILE ID:		CF 200 = <u>PS030125.D</u>		CF 500 = <u>PS030126.D</u>			
CF 750 = <u>PS030127.D</u>		CF 1000 = <u>PS030128.D</u>		CF 1500 = <u>PS030129.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	19321200000	16303400000	15619800000	15128700000	14606800000	16196000000	11
2,4-D	4048870000	3291910000	3113030000	3014870000	2926010000	3278940000	14
2,4-DCAA	3540840000	2868830000	2702520000	2609290000	2517560000	2847810000	14

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05
Lab Code: CHEM **Case No.:** Q2001 **SAS No.:** Q2001 **SDG NO.:** Q2001
Instrument ID: ECD_S **Calibration Date(s):** 05/12/2025 05/12/2025
Calibration Times: 12:30 14:06

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

LAB FILE ID:		CF 200 =	<u>PS030125.D</u>	CF 500 =	<u>PS030126.D</u>		
CF 750 =		<u>PS030127.D</u>	CF 1000 =	<u>PS030128.D</u>	CF 1500 =	<u>PS030129.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	10913400000	9868000000	9697110000	9517670000	9255920000	9850430000	6
2,4-D	1480680000	1290430000	1248060000	1225910000	1207420000	1290500000	9
2,4-DCAA	922885000	799420000	773490000	758361000	746863000	800204000	9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030125.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 12:30
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC200

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:50:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 13:43:14 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	6.934	7.454	708.2E6	184.6E6	233.150	221.866
Target Compounds							
1) T	Dalapon	2.446	2.520	1161.8E6	445.3E6	230.933	208.837
2) T	3,5-DICHL...	6.138	6.453	948.7E6	240.0E6	214.407	195.017
3) T	4-Nitroph...	6.725	6.989	439.9E6	195.9E6	203.363	173.219
5) T	DICAMBA	7.109	7.639	2568.3E6	946.6E6	211.650	199.141
6) T	MCPD	7.286	7.744	110.4E6	32616416	14.656	18.070
7) T	MCPA	7.428	7.974	200.2E6	49441444	19.272	18.610
8) T	DICHLORPROP	7.789	8.332	681.8E6	261.1E6	219.198	211.296
9) T	2,4-D	8.011	8.644	761.2E6	278.4E6	218.443	207.780
10) T	Pentachlo...	8.286	9.144	9450.6E6	5262.3E6	215.768	204.481
11) T	2,4,5-TP ...	8.850	9.522	3671.0E6	2073.6E6	214.913	204.100
12) T	2,4,5-T	9.133	9.927	3763.2E6	1952.2E6	215.342	205.137
13) T	2,4-DB	9.691	10.485	536.3E6	241.1E6	202.273	228.178
14) T	DINOSEB	10.850	10.858	2592.3E6	1452.1E6	214.384	205.126
15) T	Picloram	10.672	11.892	4602.8E6	2955.0E6	207.830	206.560m
16) T	DCPA	11.152	11.892	4589.7E6	2821.7E6	217.427	194.524m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030125.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 12:30
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

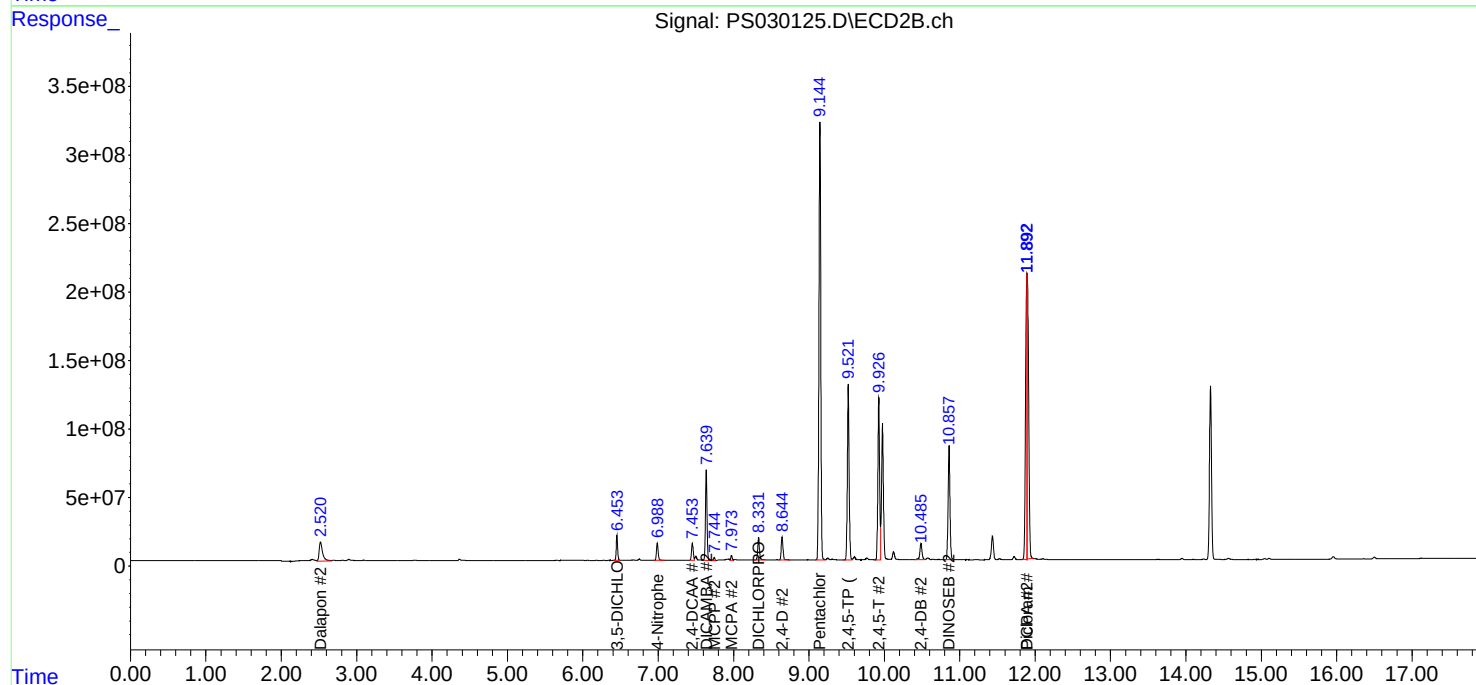
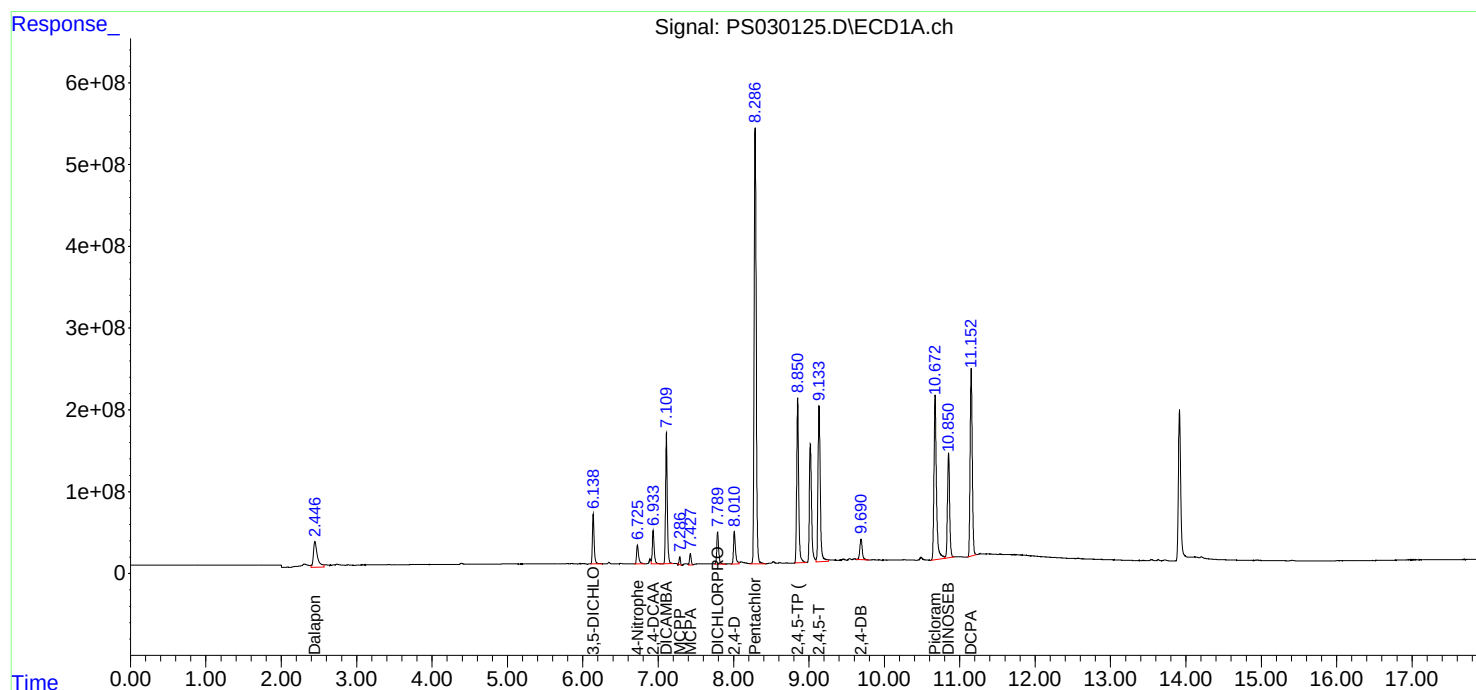
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/13/2025
Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 13:50:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 13:43:14 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030126.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 12:54
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC500

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:47:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 13:43:14 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	6.933	7.454	1434.4E6	399.7E6	514.926	508.243
Target Compounds							
1) T	Dalapon	2.447	2.520	2243.7E6	920.5E6	471.266	466.069
2) T	3,5-DICHL...	6.138	6.453	1954.7E6	604.8E6	478.289	503.770
3) T	4-Nitroph...	6.724	6.988	957.1E6	626.7E6	470.076	541.042
5) T	DICAMBA	7.109	7.639	5452.8E6	2196.7E6	479.532	471.133
6) T	MCPD	7.287	7.746	351.0E6	83878837	46.529	45.584
7) T	MCPA	7.429	7.975	474.0E6	124.4E6	46.459	46.843
8) T	DICHLORPROP	7.789	8.332	1377.7E6	553.4E6	483.005	477.421
9) T	2,4-D	8.009	8.645	1547.2E6	606.5E6	483.126	477.844
10) T	Pentachlo...	8.286	9.145	19907.6E6	11940.1E6	487.580	482.342
11) T	2,4,5-TP ...	8.851	9.523	7744.1E6	4687.3E6	485.171	479.149
12) T	2,4,5-T	9.132	9.927	7931.4E6	4385.5E6	486.289	479.945
13) T	2,4-DB	9.690	10.485	1219.4E6	452.4E6	475.256	475.987
14) T	DINOSEB	10.851	10.859	5403.8E6	3216.0E6	480.627	475.978
15) T	Picloram	10.672	11.894	10147.5E6	6755.0E6	480.746	488.999m
16) T	DCPA	11.152	11.893	9696.2E6	6912.8E6	491.912	476.219m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 12:54
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

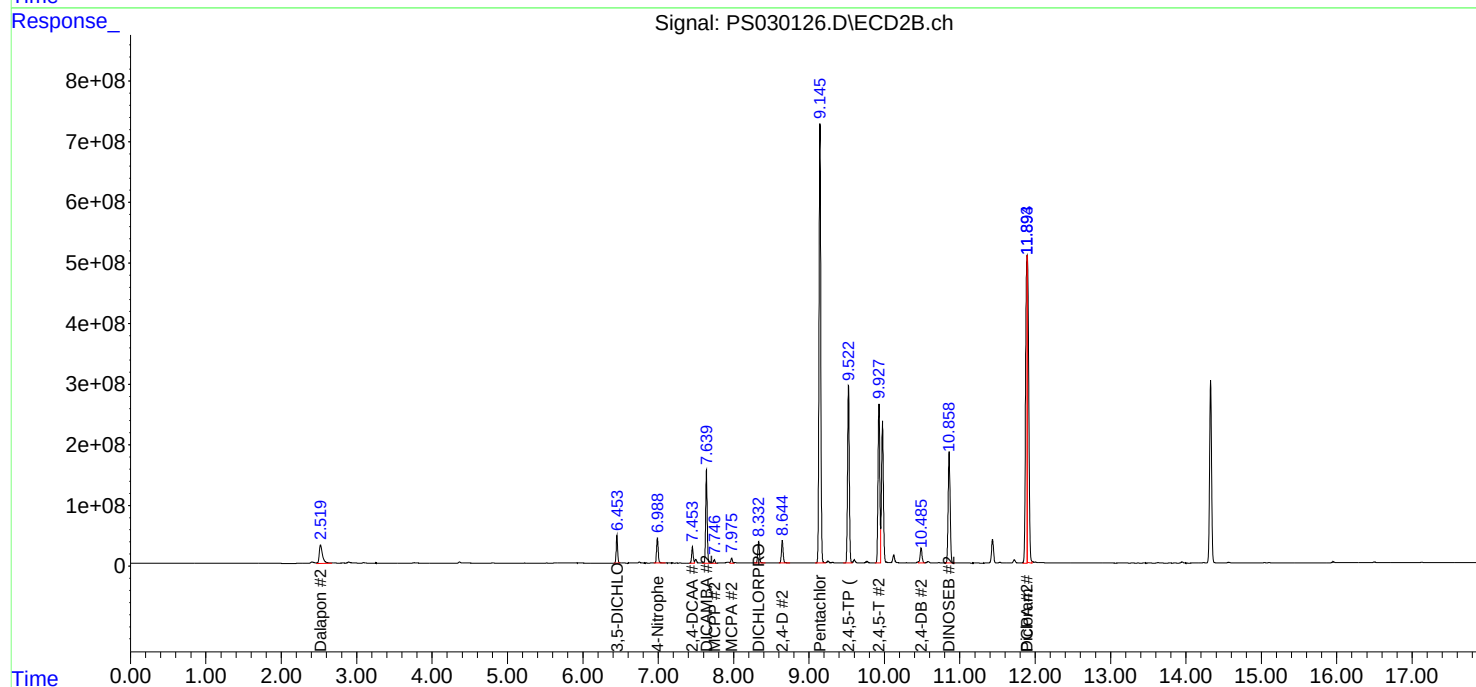
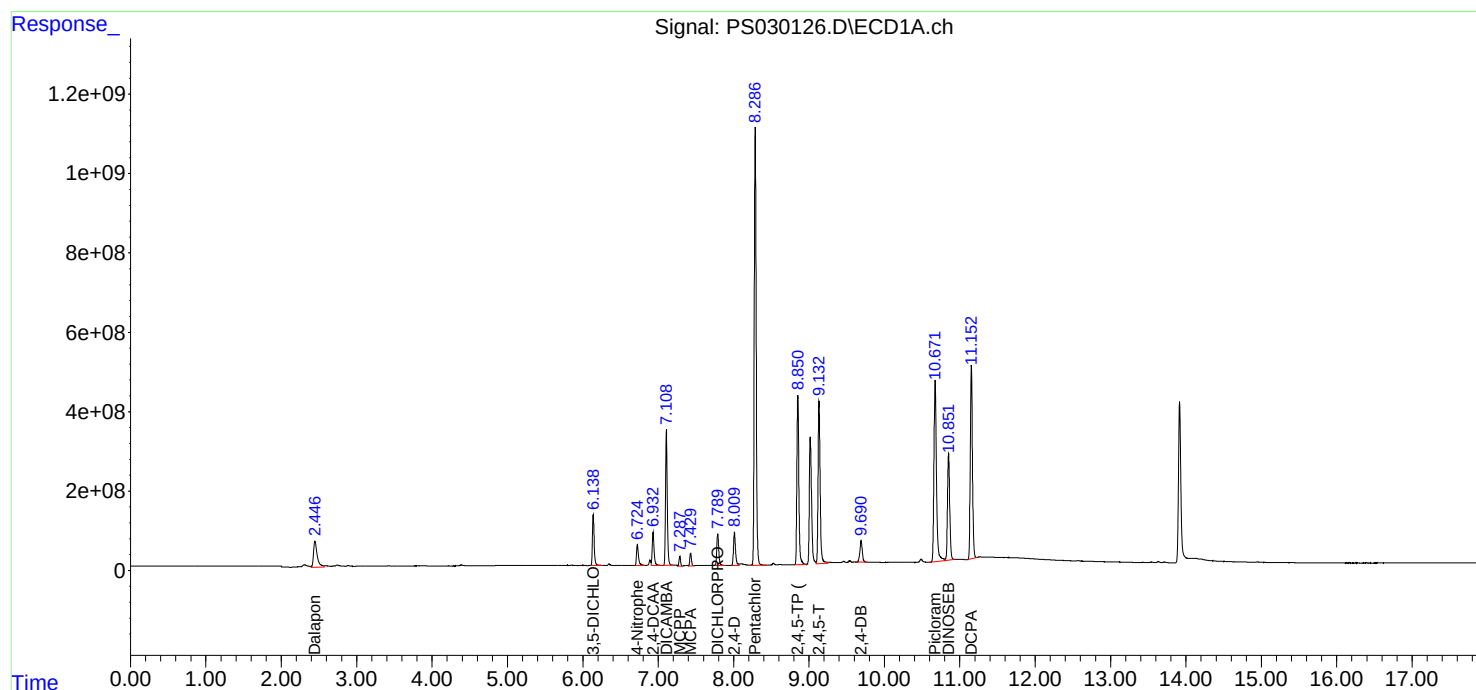
Instrument :
ECD_S
ClientSampleId :
HSTDICC500

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/13/2025
Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 13:47:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 13:43:14 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 13:18
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:43:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 13:43:14 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	6.934	7.454	2026.9E6	580.1E6	750.000	750.000
Target Compounds							
1) T	Dalapon	2.446	2.520	3133.2E6	1315.1E6	682.500	682.500
2) T	3,5-DICHL...	6.138	6.453	2769.2E6	767.6E6	697.500	697.500
3) T	4-Nitroph...	6.724	6.988	1343.5E6	641.1E6	682.500	682.500
5) T	DICAMBA	7.110	7.639	7854.1E6	3279.2E6	705.000	705.000
6) T	MCP	7.289	7.747	537.2E6	133.6E6	70.500	70.500
7) T	MCPA	7.431	7.977	712.2E6	183.9E6	69.750	69.750
8) T	DICHLORPROP	7.789	8.332	1955.3E6	804.4E6	705.000	705.000
9) T	2,4-D	8.010	8.644	2194.7E6	879.9E6	705.000	705.000
10) T	Pentachlo...	8.287	9.145	28320.5E6	17364.8E6	712.500	712.500
11) T	2,4,5-TP ...	8.850	9.523	11129.1E6	6909.2E6	712.500	712.500
12) T	2,4,5-T	9.133	9.926	11344.7E6	6442.6E6	712.500	712.500
13) T	2,4-DB	9.689	10.485	1827.1E6	675.8E6	712.500	712.500
14) T	DINOSEB	10.851	10.858	7747.2E6	4702.8E6	705.000	705.000
15) T	Picloram	10.670	11.894	14857.3E6	9721.1E6	712.500	727.171m
16) T	DCPA	11.153	11.893	13839.9E6	10000.3E6	720.000	727.183m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 13:18
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC750

Manual Integrations

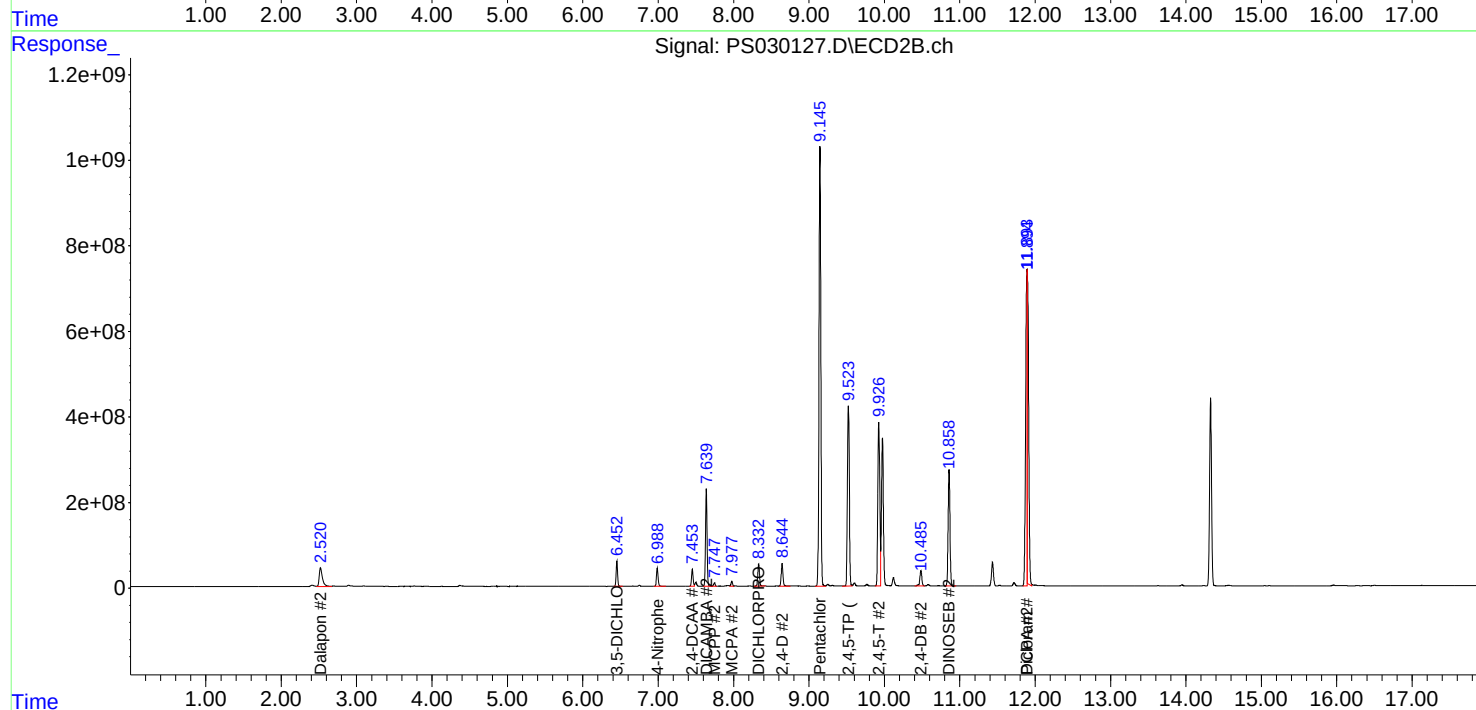
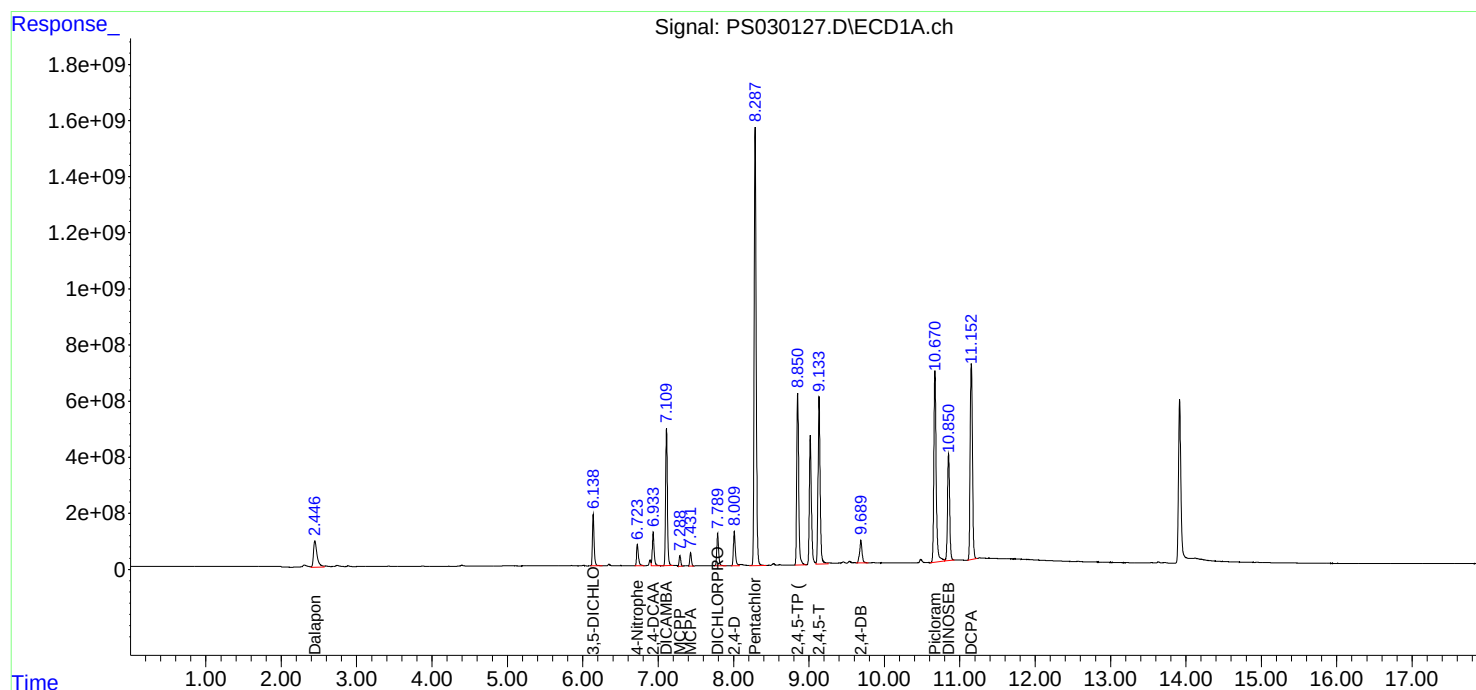
APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 13:43:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 13:43:14 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030128.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 13:42
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:58:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 13:58:36 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 x 0.5 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	6.933	7.454	2609.3E6	758.4E6	890.431	932.175
Target Compounds							
1) T	Dalapon	2.446	2.520	4022.0E6	1730.9E6	791.534	834.294
2) T	3,5-DICHL...	6.139	6.453	3590.0E6	1001.6E6	838.061	840.224
3) T	4-Nitroph...	6.724	6.988	1760.4E6	837.7E6	835.965	776.796
5) T	DICAMBA	7.109	7.640	10196.3E6	4357.6E6	863.169	917.597
6) T	MCPD	7.290	7.749	729.6E6	177.4E6	101.601	97.188
7) T	MCPA	7.433	7.979	953.9E6	245.9E6	92.106	92.679
8) T	DICHLORPROP	7.789	8.332	2519.6E6	1045.5E6	839.025	867.706
9) T	2,4-D	8.009	8.645	2834.0E6	1152.4E6	841.649	878.805
10) T	Pentachlo...	8.287	9.145	36236.2E6	22455.0E6	854.920	890.701
11) T	2,4,5-TP ...	8.850	9.523	14372.3E6	9041.8E6	866.151	904.264
12) T	2,4,5-T	9.132	9.927	14592.7E6	8411.9E6	861.090	899.563
13) T	2,4-DB	9.689	10.485	2415.4E6	837.2E6	920.436	826.632
14) T	DINOSEB	10.851	10.859	10000.3E6	6148.3E6	852.655	885.355
15) T	Picloram	10.670	11.894	19519.6E6	13097.0E6	897.581	914.915m
16) T	DCPA	11.152	11.891	17786.8E6	11870.5E6	869.183	851.929m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030128.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 13:42
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

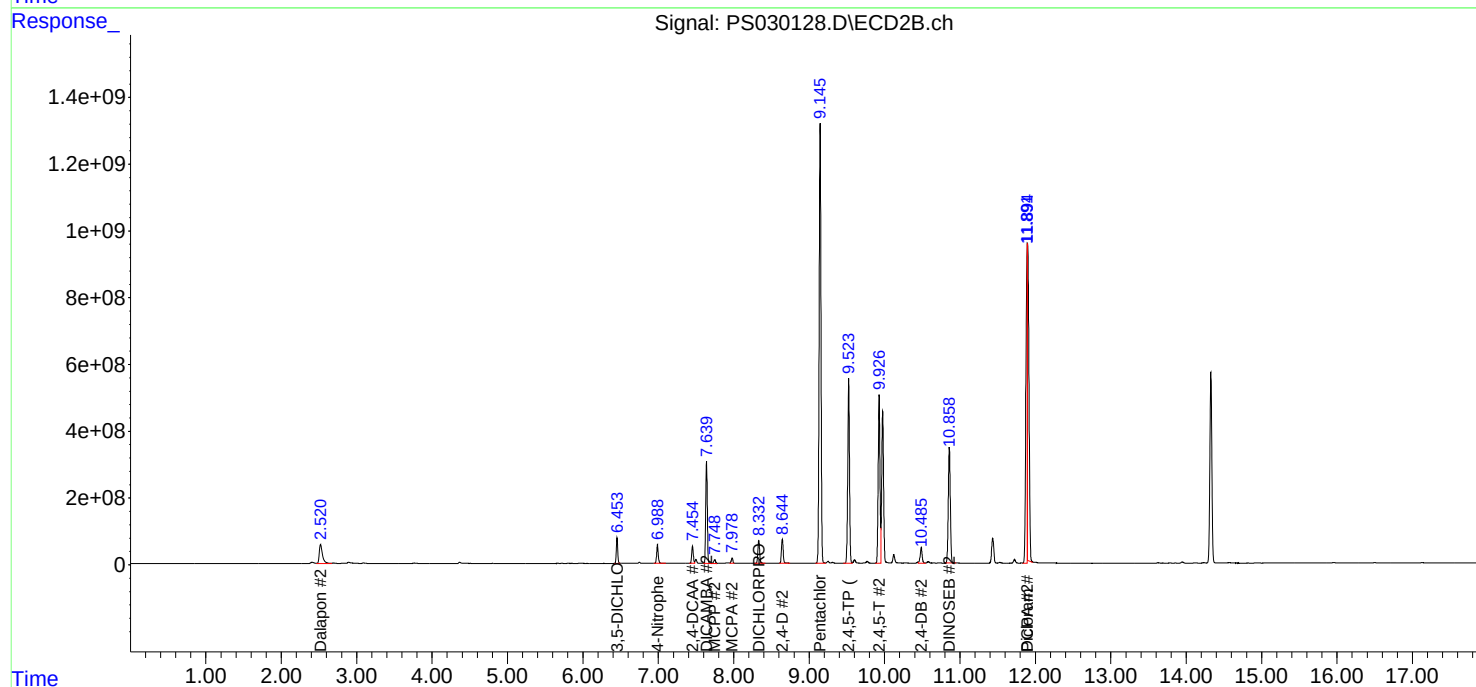
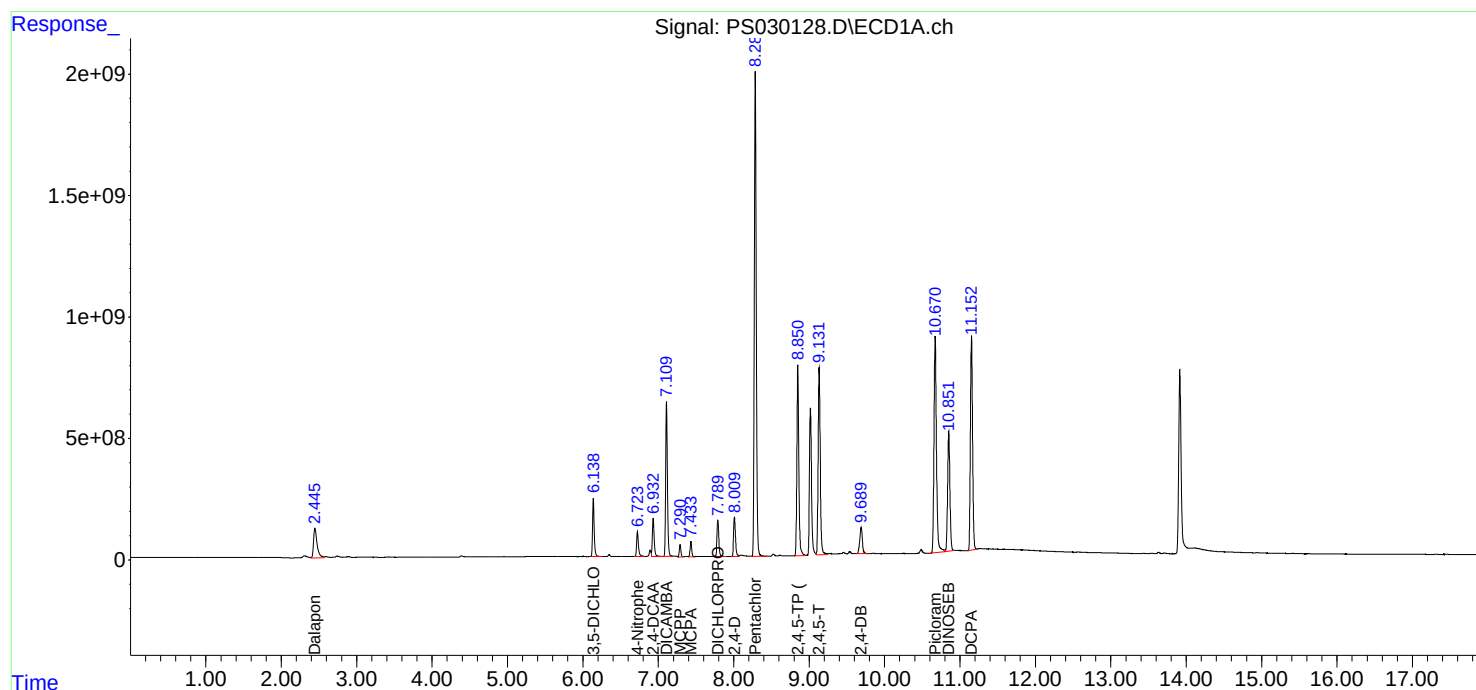
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/13/2025
Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 13:58:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 13:58:36 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030129.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 14:06
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC1500

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 14:28:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:27:56 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	6.934	7.454	3776.3E6	1120.3E6	1326.050	1400.011
Target Compounds							
1) T	Dalapon	2.446	2.520	5803.8E6	2534.2E6	1180.753	1247.720
2) T	3,5-DICHL...	6.139	6.453	5186.8E6	1479.7E6	1243.675	1269.249
3) T	4-Nitroph...	6.724	6.988	2599.8E6	1237.2E6	1258.609	1184.993
5) T	DICAMBA	7.110	7.640	14856.3E6	6548.0E6	1285.438	1384.953
6) T	MCP	7.293	7.751	1084.1E6	267.4E6	148.855	145.320
7) T	MCPA	7.437	7.983	1462.0E6	359.0E6	140.839	136.111
8) T	DICHLORPROP	7.789	8.333	3658.8E6	1533.4E6	1252.430	1297.948
9) T	2,4-D	8.009	8.645	4125.7E6	1702.5E6	1258.234	1319.227
10) T	Pentachlo...	8.293	9.145	46970.5E6	32180.6E6	1159.743	1303.651
11) T	2,4,5-TP ...	8.851	9.523	20814.7E6	13189.7E6	1285.177	1338.996
12) T	2,4,5-T	9.133	9.927	21074.1E6	12274.8E6	1276.042	1333.692
13) T	2,4-DB	9.690	10.485	3637.1E6	1297.8E6	1393.631	1307.799
14) T	DINOSEB	10.852	10.859	14478.2E6	8998.7E6	1265.980	1317.150
15) T	Picloram	10.670	11.895	28424.6E6	18755.9E6	1329.063	1314.827m
16) T	DCPA	11.153	11.892	25491.3E6	17567.8E6	1280.231	1314.389m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 14:06
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

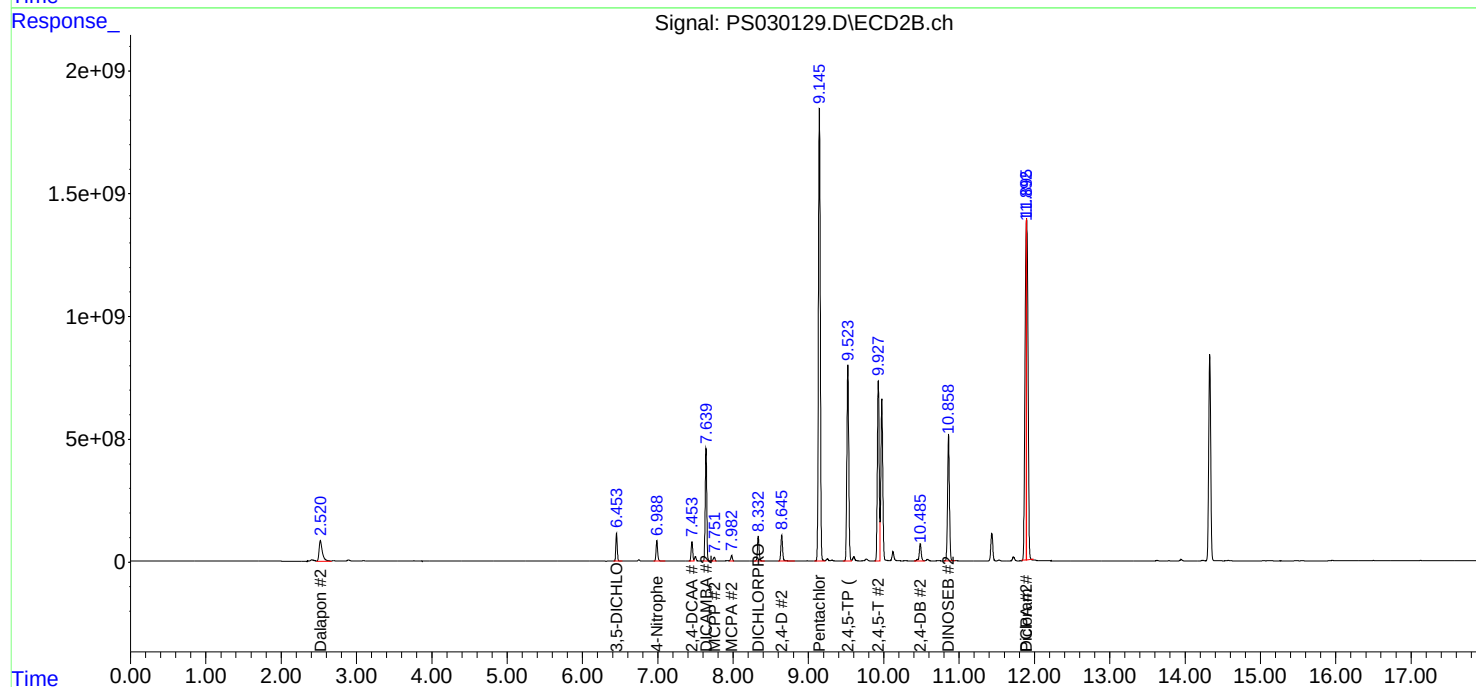
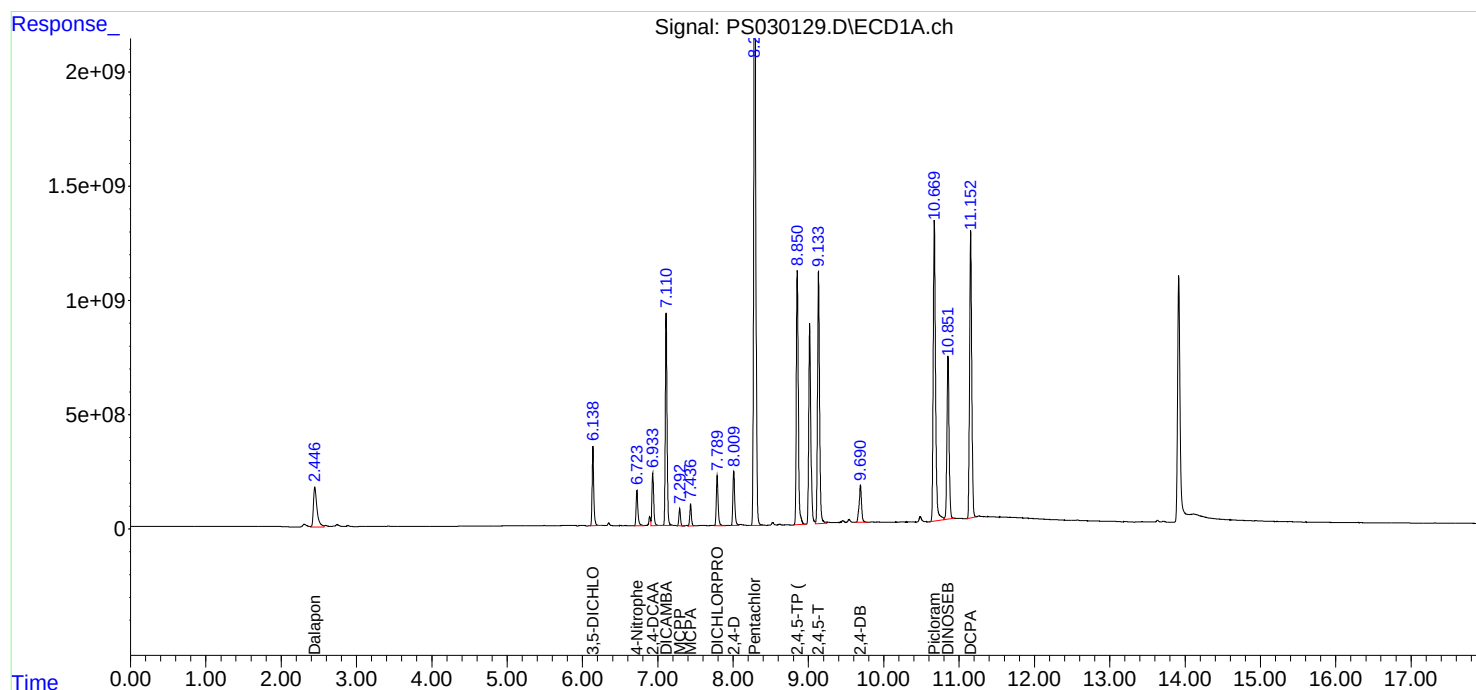
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 14:28:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:27:56 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030130.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 14:30
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ICVPS051225

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 15:04:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.934	7.454	2000.1E6	576.9E6	702.326	720.970
Target Compounds							
1) T	Dalapon	2.446	2.520	3076.9E6	1314.3E6	625.967	647.108
2) T	3,5-DICHL...	6.139	6.453	2750.7E6	760.8E6	659.557	652.607
3) T	4-Nitroph...	6.724	6.989	1318.9E6	628.7E6	638.507	602.172
5) T	DICAMBA	7.110	7.640	7834.8E6	3263.7E6	677.908	690.298
6) T	MCPD	7.289	7.748	532.7E6	133.5E6	73.145	72.581
7) T	MCPA	7.431	7.978	699.7E6	180.7E6	67.398	68.504
8) T	DICHLORPROP	7.790	8.333	1940.1E6	796.8E6	664.107	674.472
9) T	2,4-D	8.010	8.645	2200.0E6	878.7E6	670.942	680.913
10) T	Pentachlo...	8.287	9.145	28175.2E6	17257.0E6	695.670	699.091
11) T	2,4,5-TP ...	8.851	9.524	11116.5E6	6877.2E6	686.375	698.163
12) T	2,4,5-T	9.133	9.927	11274.6E6	6386.9E6	682.678	693.957
13) T	2,4-DB	9.691	10.486	1842.8E6	635.3E6	706.110	640.157
14) T	DINOSEB	10.851	10.859	7678.7E6	4674.1E6	671.427	684.150
15) T	Picloram	10.671	11.895	14927.7E6	9640.6E6	697.983	685.038m
16) T	DCPA	11.153	11.892	13809.2E6	9287.7E6	693.529	687.439m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 14:30
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ICVPS051225

Manual Integrations

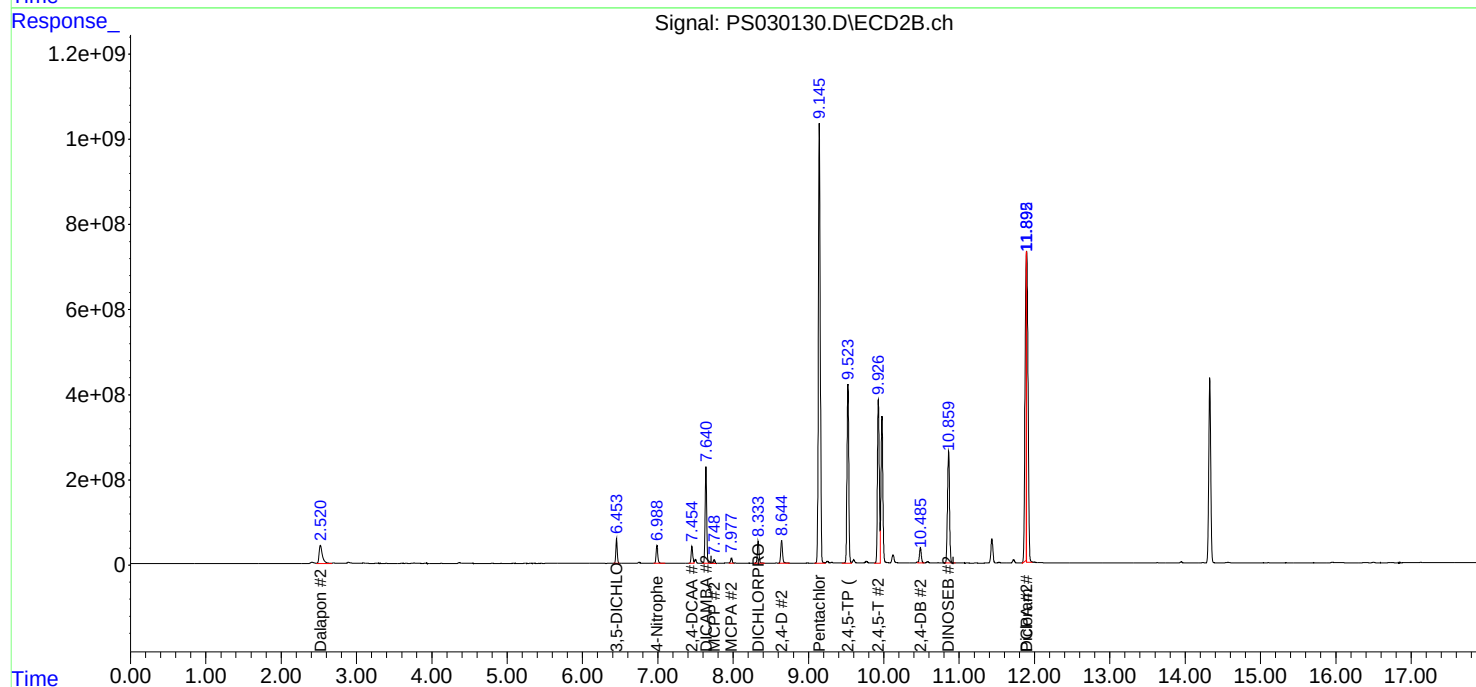
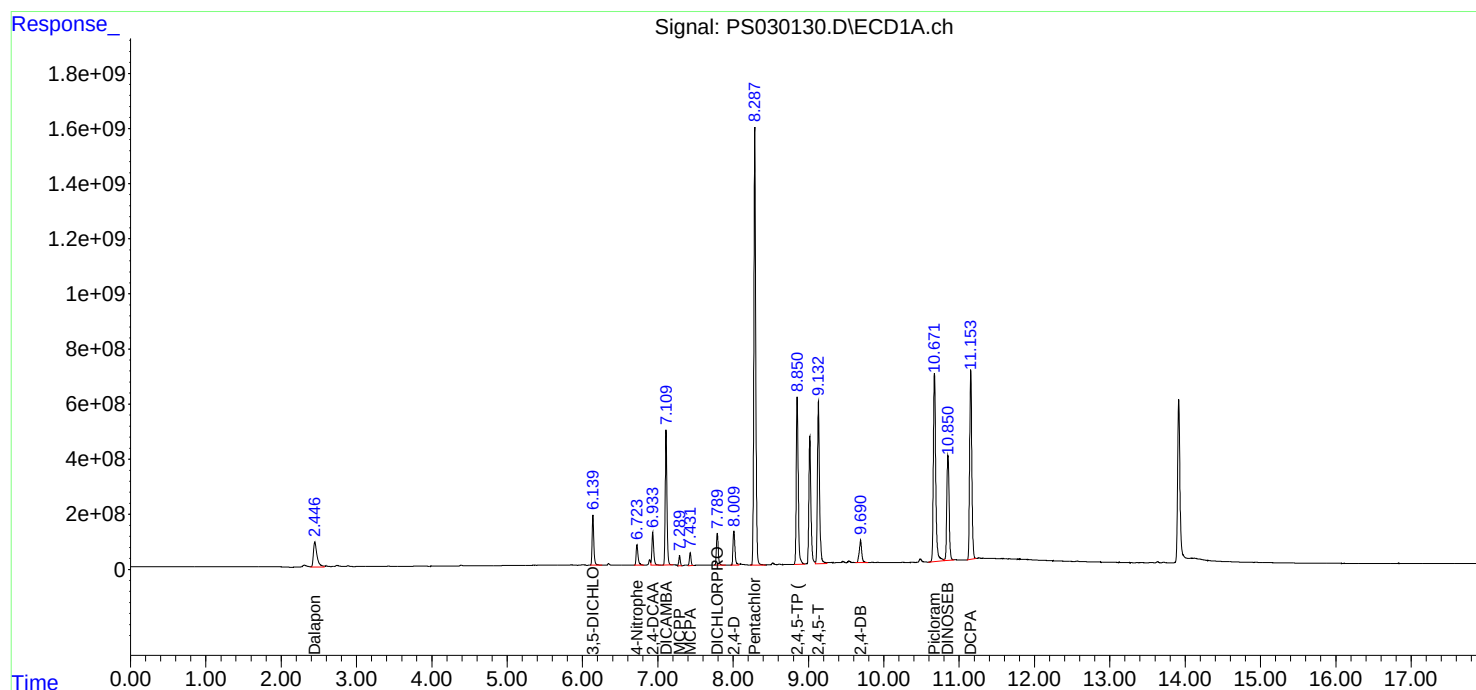
APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 15:04:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 17:53 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 17:53 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL01 Date Analyzed: 05/14/2025

Lab Sample No.: HSTDCCC750 Data File : PS030190.D Time Analyzed: 17:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	8.851	8.750	8.950	696.850	712.500	-2.2
2,4-D	8.010	7.910	8.110	679.920	705.000	-3.6
2,4-DCAA	6.933	6.834	7.034	724.480	750.000	-3.4



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL01 Date Analyzed: 05/14/2025

Lab Sample No.: HSTDCCC750 Data File : PS030190.D Time Analyzed: 17:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.521	9.423	9.623	706.930	712.500	-0.8
2,4-D	8.643	8.544	8.744	697.370	705.000	-1.1
2,4-DCAA	7.453	7.354	7.554	734.300	750.000	-2.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 17:53
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 02:03:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.453	2063.2E6	587.6E6	724.484	734.301
Target Compounds							
1) T	Dalapon	2.447	2.520	3084.2E6	1290.4E6	627.454	635.329
2) T	3,5-DICHL...	6.139	6.452	2802.1E6	770.6E6	671.883	660.971
3) T	4-Nitroph...	6.724	6.988	1387.8E6	637.1E6	671.844	610.212
5) T	DICAMBA	7.110	7.639	7964.5E6	3332.9E6	689.127	704.931
6) T	MCPD	7.289	7.746	542.6E6	129.8E6	74.508	70.531
7) T	MCPA	7.431	7.976	717.8E6	174.8E6	69.143	66.260
8) T	DICHLORPROP	7.790	8.331	1978.8E6	802.6E6	677.360	679.357
9) T	2,4-D	8.010	8.643	2229.4E6	900.0E6	679.918	697.366
10) T	Pentachlo...	8.287	9.143	28502.9E6	17626.5E6	703.762	714.057
11) T	2,4,5-TP ...	8.851	9.521	11286.2E6	6963.5E6	696.854	706.926
12) T	2,4,5-T	9.132	9.925	11535.1E6	6466.4E6	698.455	702.593
13) T	2,4-DB	9.690	10.483	1899.4E6	655.7E6	727.789	660.763
14) T	DINOSEB	10.851	10.857	7812.7E6	4705.5E6	683.147	688.751
15) T	Picloram	10.671	11.890	14263.0E6	9841.6E6	666.903	699.318m
16) T	DCPA	11.152	11.889	13958.3E6	9132.6E6	701.019	675.963m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 17:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

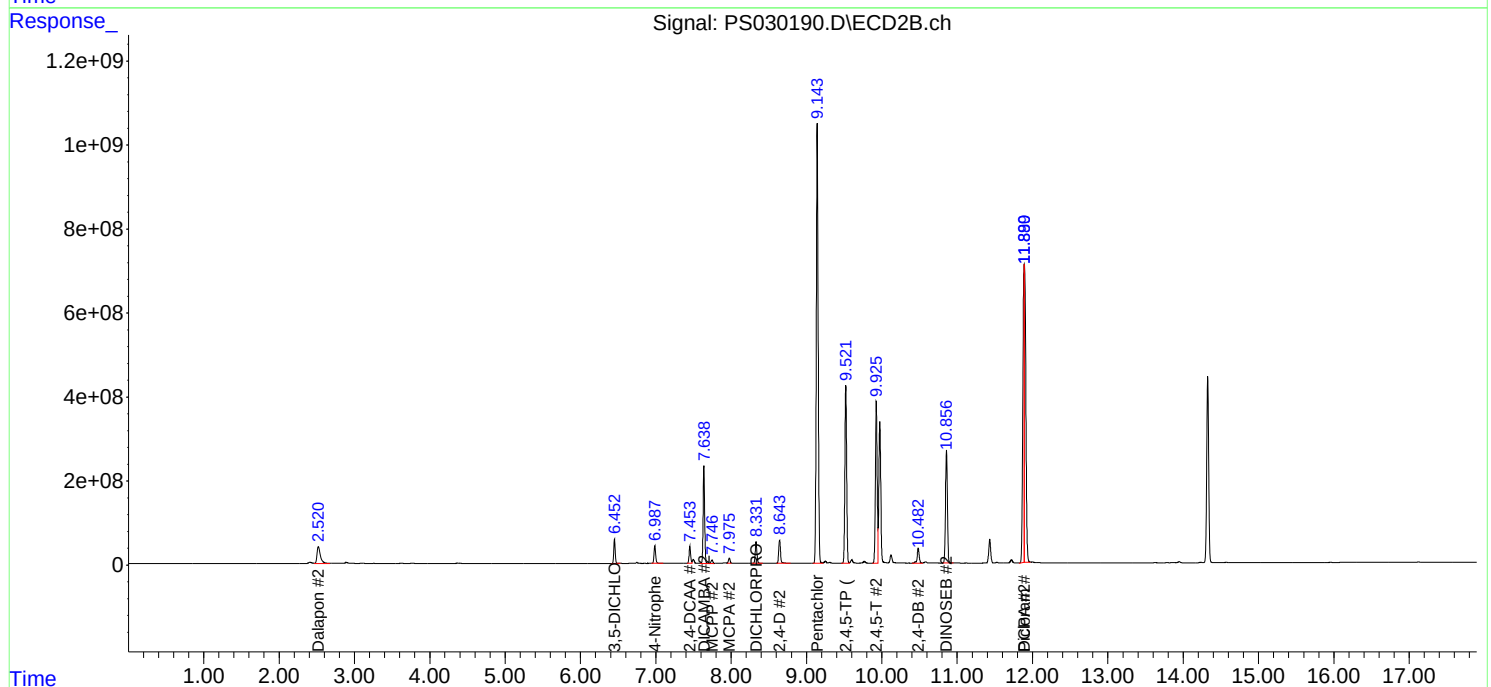
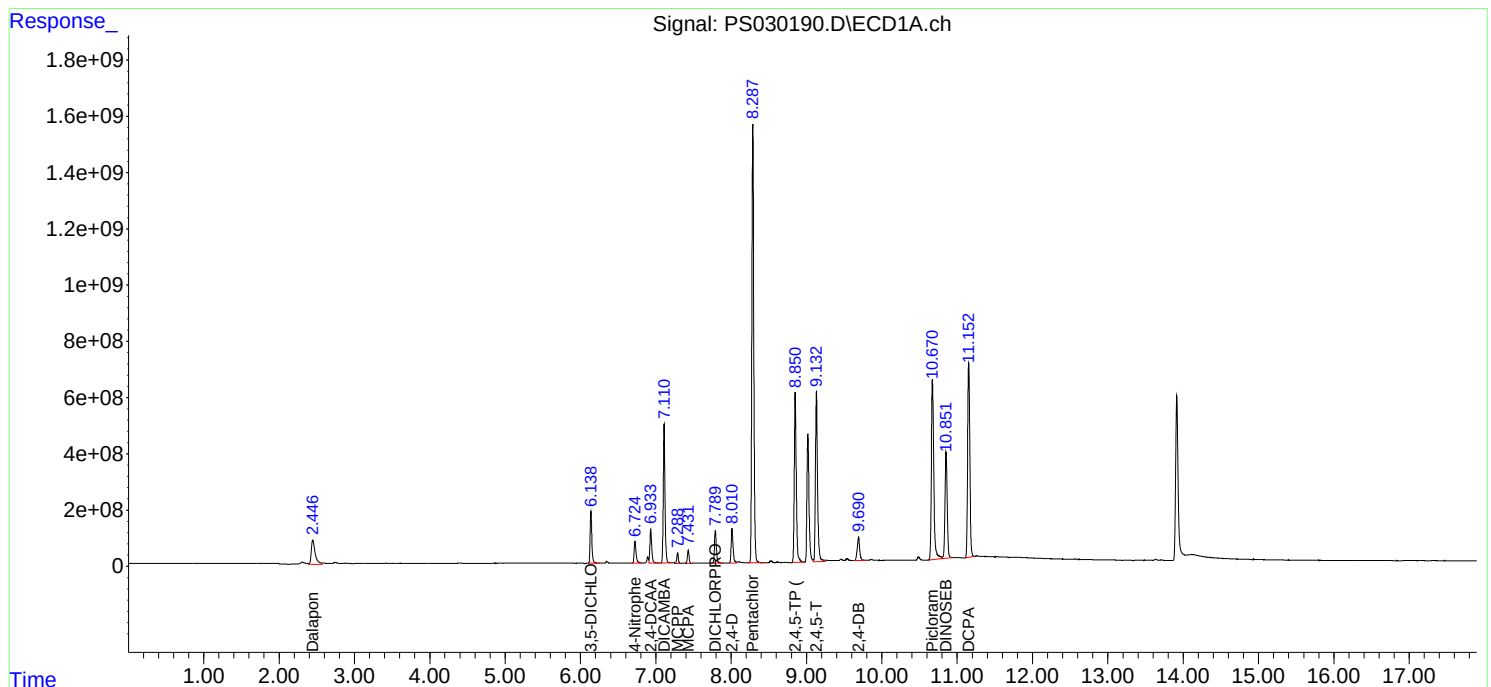
APPROVED

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 02:03:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 22:42 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 22:42 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL02 Date Analyzed: 05/14/2025

Lab Sample No.: HSTDCCC750 Data File : PS030202.D Time Analyzed: 22:42

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	8.850	8.750	8.950	699.420	712.500	-1.8
2,4-D	8.010	7.910	8.110	682.710	705.000	-3.2
2,4-DCAA	6.933	6.834	7.034	725.760	750.000	-3.2



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CALIBRATION VERIFICATION SUMMARY
Contract: ENTA05
Lab Code: CHEM **Case No.:** Q2001 **SAS No.:** Q2001 **SDG NO.:** Q2001
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/12/2025 05/12/2025
Client Sample No.: CCAL02 **Date Analyzed:** 05/14/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030202.D **Time Analyzed:** 22:42

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.521	9.423	9.623	710.430	712.500	-0.3
2,4-D	8.643	8.544	8.744	702.650	705.000	-0.3
2,4-DCAA	7.453	7.354	7.554	737.130	750.000	-1.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030202.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 22:42
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 02:04:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.453	2066.8E6	589.9E6	725.756	737.133
Target Compounds							
1) T	Dalapon	2.447	2.520	3032.2E6	1273.4E6	616.876	626.991
2) T	3,5-DICHL...	6.138	6.452	2808.9E6	770.6E6	673.499	661.005
3) T	4-Nitroph...	6.724	6.988	1396.7E6	640.1E6	676.153	613.089
5) T	DICAMBA	7.110	7.638	7986.5E6	3338.9E6	691.032	706.191
6) T	MCPD	7.289	7.746	545.7E6	130.4E6	74.937	70.894
7) T	MCPA	7.431	7.976	720.0E6	175.9E6	69.357	66.677
8) T	DICHLORPROP	7.789	8.330	1987.3E6	804.2E6	680.283	680.660
9) T	2,4-D	8.010	8.643	2238.6E6	906.8E6	682.707	702.648
10) T	Pentachlo...	8.286	9.143	28675.2E6	17741.5E6	708.015	718.716
11) T	2,4,5-TP ...	8.850	9.521	11327.8E6	6998.0E6	699.419	710.429
12) T	2,4,5-T	9.132	9.925	11581.5E6	6493.2E6	701.263	705.508
13) T	2,4-DB	9.690	10.483	1915.4E6	661.3E6	733.930	666.362
14) T	DINOSEB	10.850	10.856	7818.7E6	4711.1E6	683.672	689.571
15) T	Picloram	10.670	11.891	14395.7E6	10070.3E6	673.107	715.569m
16) T	DCPA	11.152	11.887	13987.8E6	8701.3E6	702.501	644.036m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030202.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 22:42
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

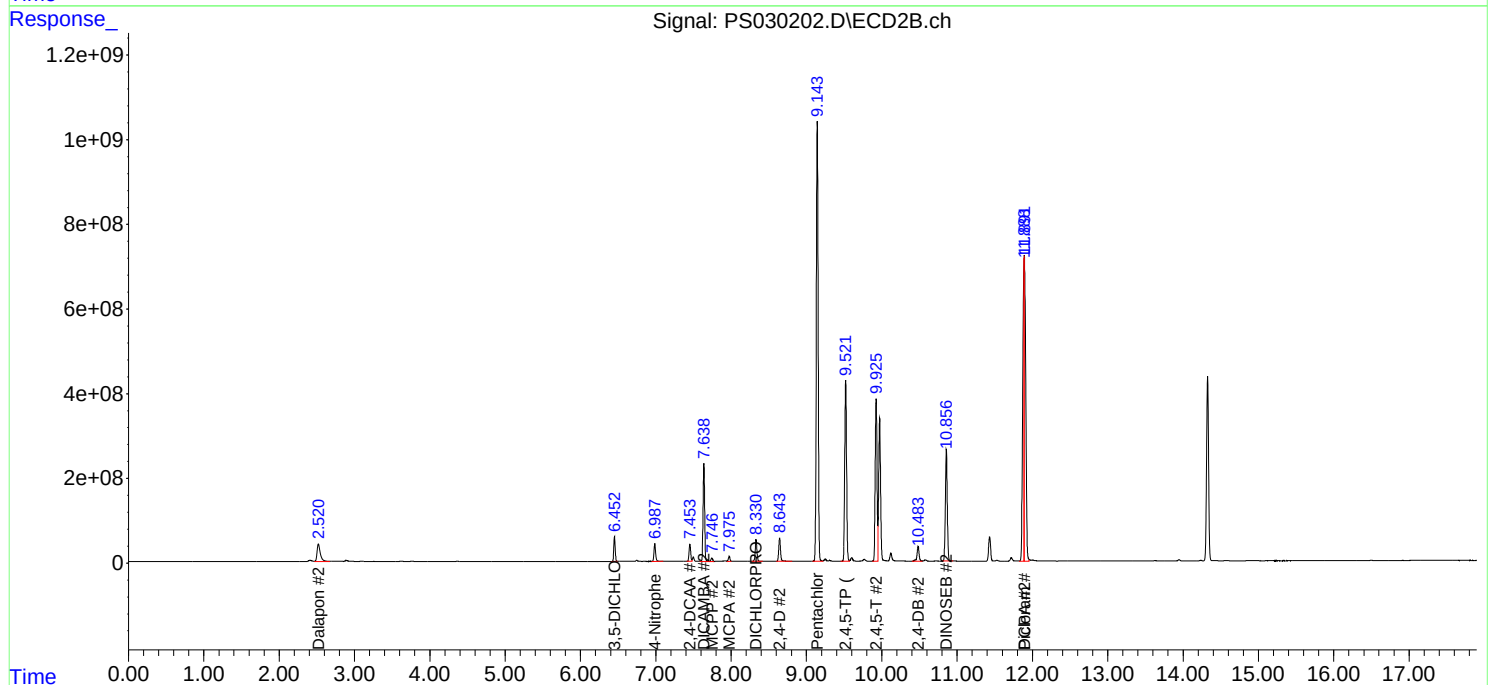
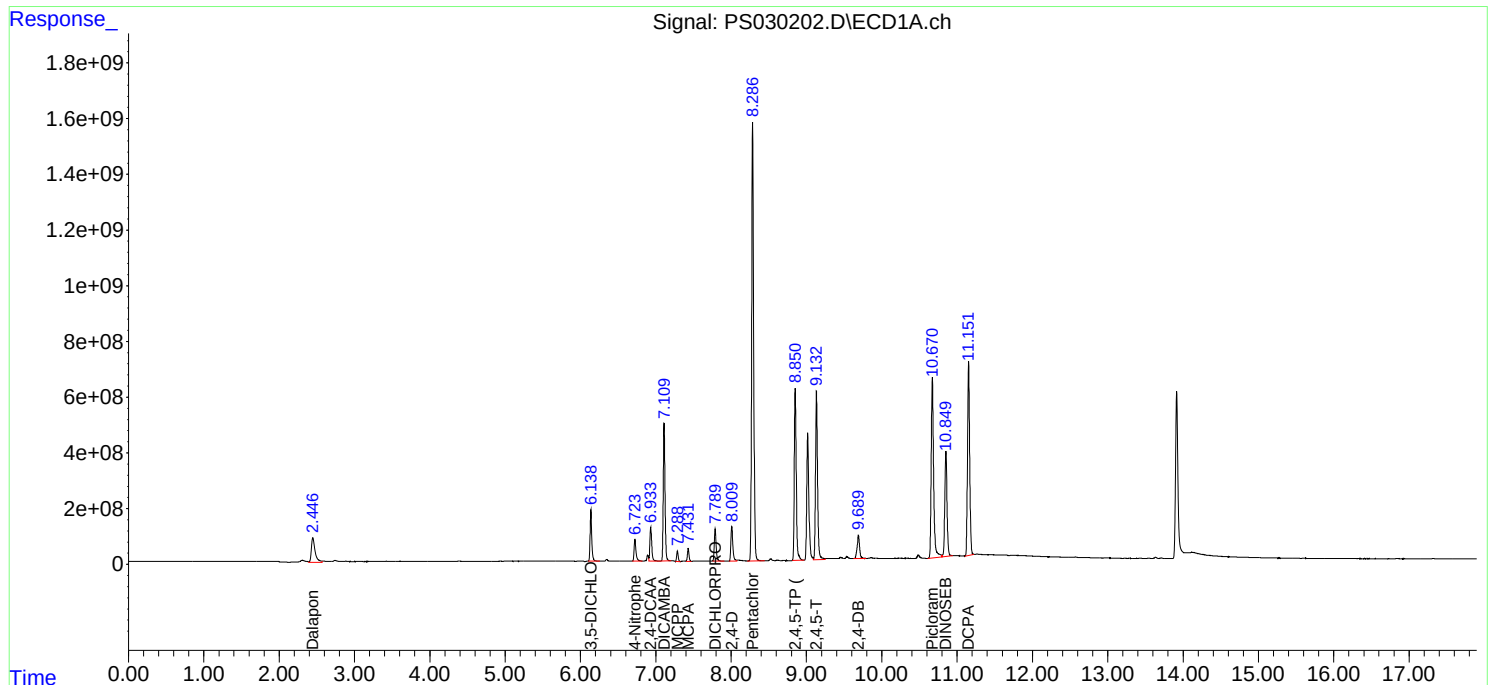
APPROVED

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 02:04:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 05:50 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 05:50 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00



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CALIBRATION VERIFICATION SUMMARY
Contract: ENTA05
Lab Code: CHEM **Case No.:** Q2001 **SAS No.:** Q2001 **SDG NO.:** Q2001
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/12/2025 05/12/2025
Client Sample No.: CCAL03 **Date Analyzed:** 05/15/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030214.D **Time Analyzed:** 05:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	8.850	8.750	8.950	709.200	712.500	-0.5
2,4-D	8.009	7.910	8.110	691.270	705.000	-1.9
2,4-DCAA	6.933	6.834	7.034	737.200	750.000	-1.7



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL03 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030214.D Time Analyzed: 05:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.521	9.423	9.623	719.650	712.500	1.0
2,4-D	8.643	8.544	8.744	710.310	705.000	0.8
2,4-DCAA	7.452	7.354	7.554	745.760	750.000	-0.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 05:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:43:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.452	2099.4E6	596.8E6	737.196	745.761
Target Compounds							
1) T	Dalapon	2.446	2.520	3067.3E6	1284.2E6	624.021	632.297
2) T	3,5-DICHL...	6.138	6.452	2858.6E6	783.4E6	685.413	671.990
3) T	4-Nitroph...	6.723	6.987	1419.7E6	649.4E6	687.283	621.996
5) T	DICAMBA	7.109	7.638	8118.8E6	3383.2E6	702.477	715.573
6) T	MCPD	7.289	7.746	552.7E6	131.5E6	75.891	71.503
7) T	MCPA	7.432	7.976	731.7E6	180.6E6	70.482	68.460
8) T	DICHLORPROP	7.789	8.330	2020.2E6	816.9E6	691.545	691.485
9) T	2,4-D	8.009	8.643	2266.6E6	916.7E6	691.271	710.309
10) T	Pentachlo...	8.287	9.143	29024.0E6	17945.6E6	716.627	726.986
11) T	2,4,5-TP ...	8.850	9.521	11486.2E6	7088.9E6	709.199	719.649
12) T	2,4,5-T	9.132	9.925	11733.6E6	6554.3E6	710.470	712.148
13) T	2,4-DB	9.690	10.483	1939.4E6	631.4E6	743.143	636.256
14) T	DINOSEB	10.850	10.856	7919.2E6	4770.3E6	692.454	698.232
15) T	Picloram	10.671	11.891	14315.7E6	9956.0E6	669.367	707.446m
16) T	DCPA	11.152	11.889	14136.6E6	9458.3E6	709.971	700.073m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 05:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

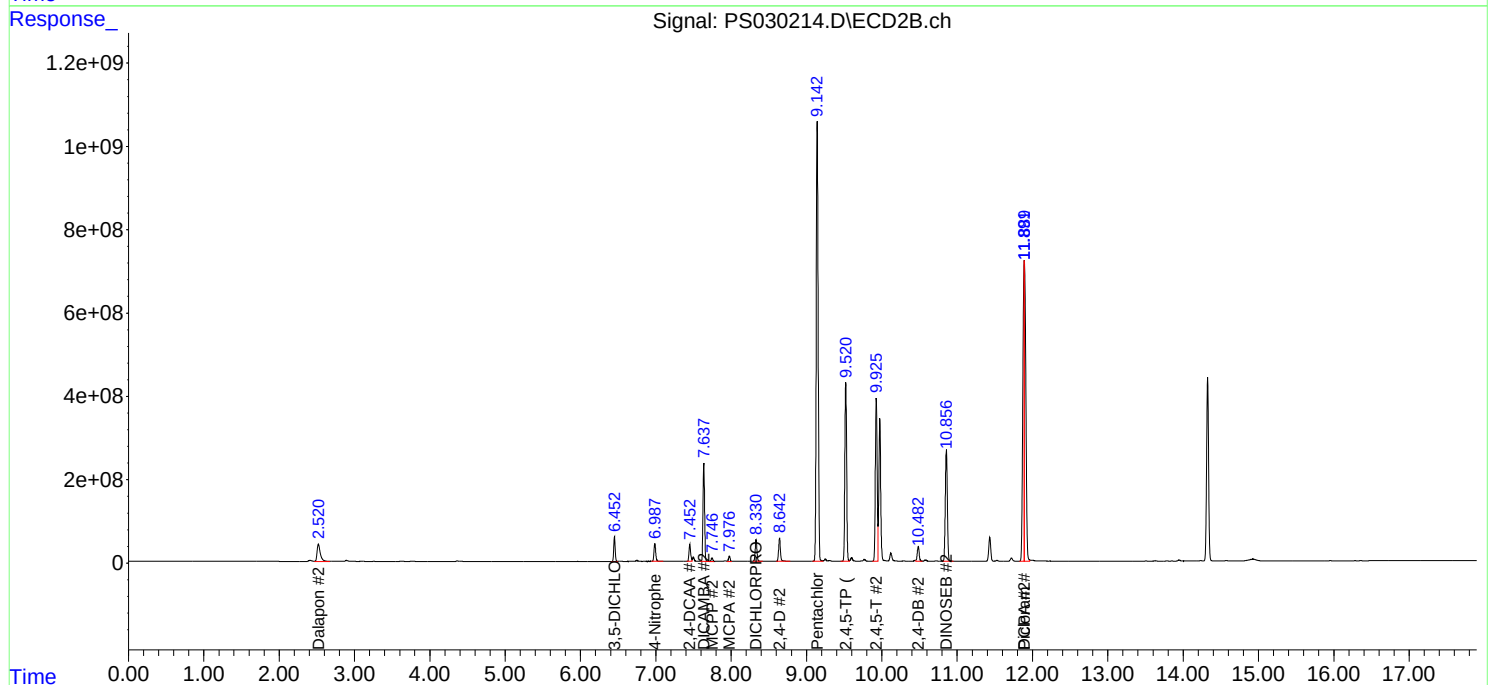
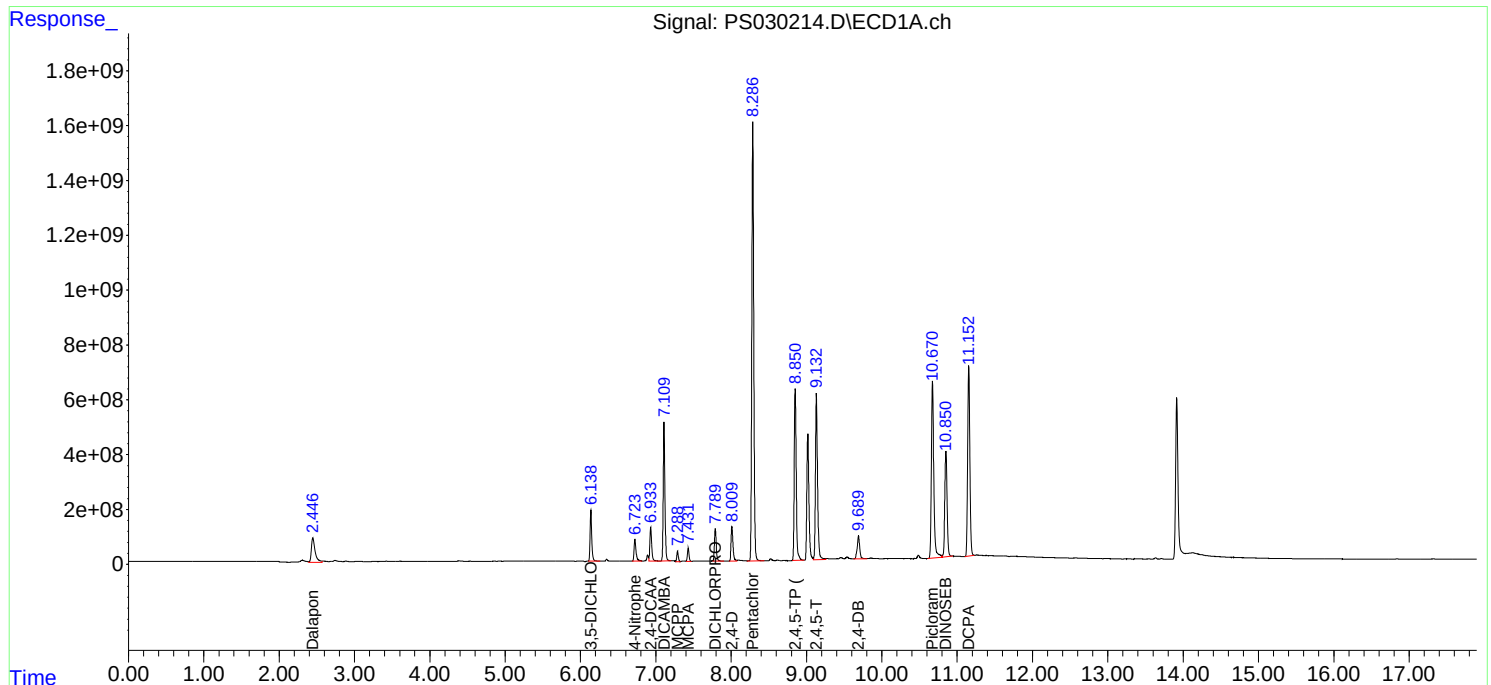
APPROVED

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:43:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 10:18 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 10:18 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL04 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030224.D Time Analyzed: 10:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	8.851	8.750	8.950	671.550	712.500	-5.7
2,4-D	8.010	7.910	8.110	666.560	705.000	-5.5
2,4-DCAA	6.934	6.834	7.034	694.260	750.000	-7.4



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL04 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030224.D Time Analyzed: 10:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.519	9.423	9.623	674.040	712.500	-5.4
2,4-D	8.641	8.544	8.744	668.710	705.000	-5.1
2,4-DCAA	7.451	7.354	7.554	698.470	750.000	-6.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030224.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 10:18
 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: May 16 01:19:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.934	7.451	1977.1E6	558.9E6	694.255	698.469
Target Compounds							
1) T	Dalapon	2.445	2.517	3140.0E6	1281.2E6	638.811	630.825
2) T	3,5-DICHL...	6.138	6.450	2691.9E6	728.4E6	645.460	624.787
3) T	4-Nitroph...	6.724	6.985	1324.1E6	609.3E6	640.997	583.564
5) T	DICAMBA	7.109	7.636	7643.1E6	3154.5E6	661.315	667.203
6) T	MCPD	7.288	7.744	472.0E6	122.8E6	64.816	66.773
7) T	MCPA	7.431	7.974	681.1E6	175.7E6	65.607	66.628
8) T	DICHLORPROP	7.790	8.328	1901.4E6	766.0E6	650.857	648.372
9) T	2,4-D	8.010	8.641	2185.6E6	863.0E6	666.561	668.711
10) T	Pentachlo...	8.287	9.140	27381.7E6	16808.8E6	676.078	680.935
11) T	2,4,5-TP ...	8.851	9.519	10876.5E6	6639.5E6	671.555	674.036
12) T	2,4,5-T	9.132	9.923	11062.7E6	6159.8E6	669.851	669.278
13) T	2,4-DB	9.690	10.481	1822.9E6	628.9E6	698.476	633.759
14) T	DINOSEB	10.851	10.854	7484.8E6	4475.9E6	654.472	655.132
15) T	Picloram	10.671	11.889	14423.7E6	11021.8E6	674.415	783.179m
16) T	DCPA	11.152	11.888	13414.5E6	9686.0E6	673.705	716.923m

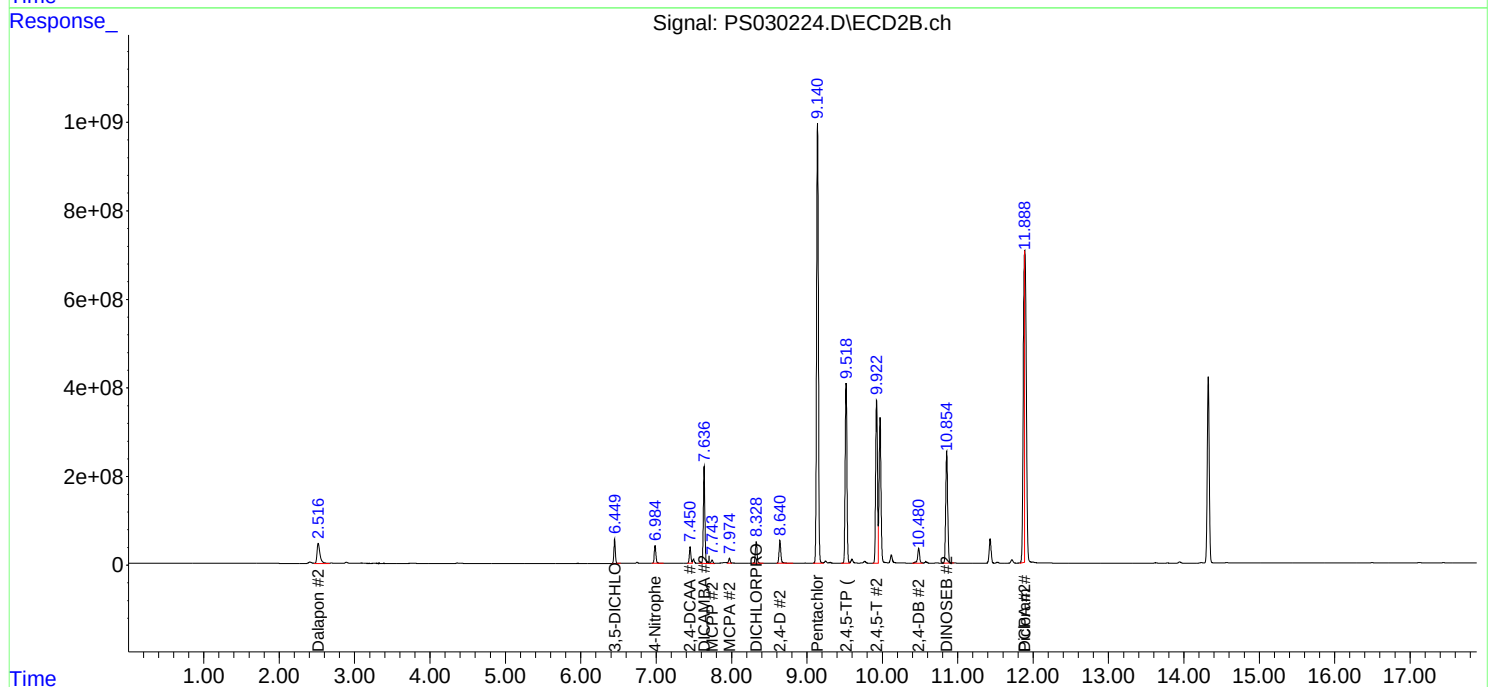
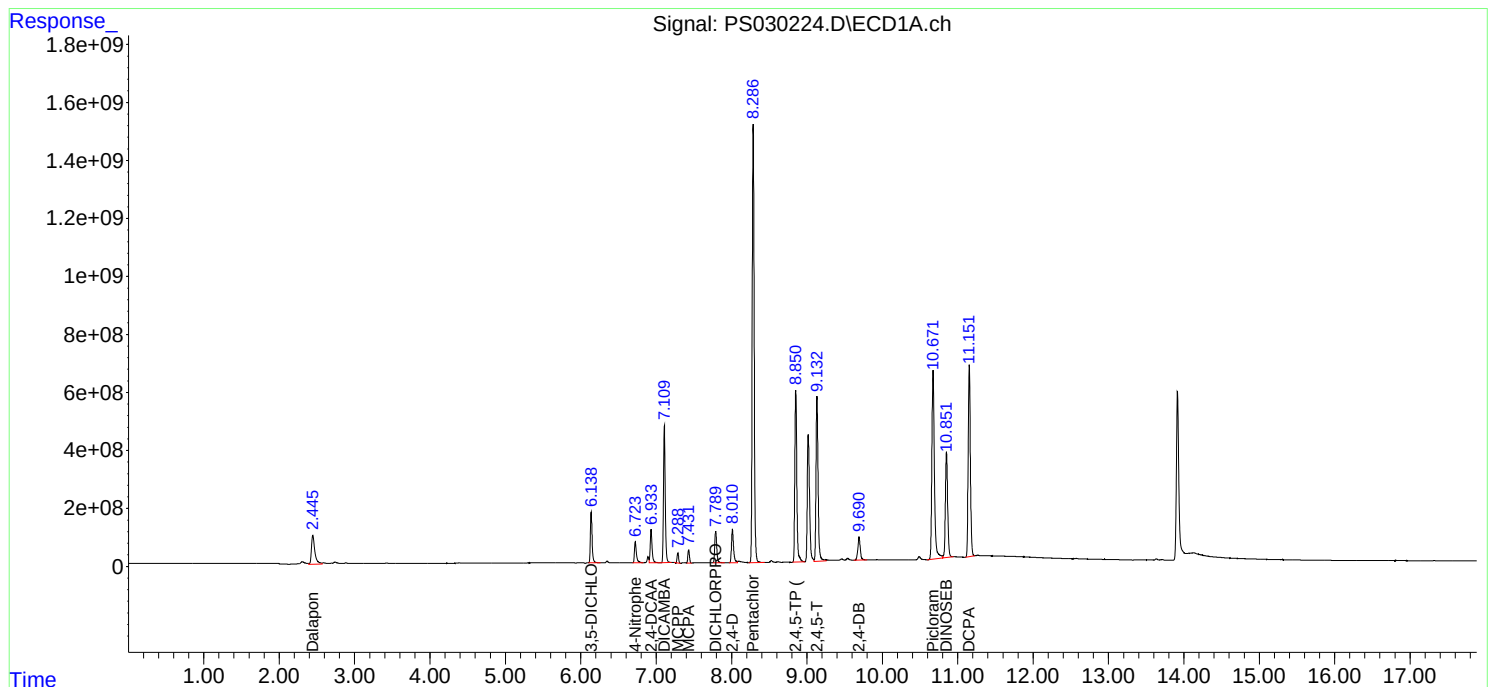
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
Data File : PS030224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 10:18
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: May 16 01:19:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 16:06 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 16:06 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL05 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030236.D Time Analyzed: 16:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	8.849	8.750	8.950	707.610	712.500	-0.7
2,4-D	8.008	7.910	8.110	690.730	705.000	-2.0
2,4-DCAA	6.932	6.834	7.034	734.390	750.000	-2.1



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CALIBRATION VERIFICATION SUMMARY
Contract: ENTA05
Lab Code: CHEM **Case No.:** Q2001 **SAS No.:** Q2001 **SDG NO.:** Q2001
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/12/2025 05/12/2025
Client Sample No.: CCAL05 **Date Analyzed:** 05/15/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030236.D **Time Analyzed:** 16:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.519	9.423	9.623	722.990	712.500	1.5
2,4-D	8.641	8.544	8.744	710.880	705.000	0.8
2,4-DCAA	7.451	7.354	7.554	743.230	750.000	-0.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030236.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 16:06
 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: May 16 01:19:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.932	7.451	2091.4E6	594.7E6	734.393	743.232
Target Compounds							
1) T	Dalapon	2.446	2.519	3262.5E6	1361.9E6	663.733	670.552
2) T	3,5-DICHL...	6.137	6.451	2843.6E6	782.6E6	681.823	671.244
3) T	4-Nitroph...	6.723	6.986	1400.0E6	649.7E6	677.752	622.335
5) T	DICAMBA	7.109	7.636	8092.2E6	3397.0E6	700.173	718.482
6) T	MCPD	7.288	7.745	549.4E6	129.5E6	75.436	70.384
7) T	MCPA	7.430	7.975	724.1E6	171.7E6	69.758	65.077
8) T	DICHLORPROP	7.789	8.329	2010.7E6	814.4E6	688.272	689.297
9) T	2,4-D	8.008	8.641	2264.9E6	917.4E6	690.733	710.882
10) T	Pentachlo...	8.286	9.141	28886.5E6	18028.4E6	713.233	730.340
11) T	2,4,5-TP ...	8.849	9.519	11460.4E6	7121.8E6	707.607	722.990
12) T	2,4,5-T	9.131	9.923	11688.3E6	6625.7E6	707.730	719.899
13) T	2,4-DB	9.689	10.481	1966.4E6	661.2E6	753.459	666.277
14) T	DINOSEB	10.850	10.855	7795.4E6	4796.0E6	681.631	701.991
15) T	Picloram	10.670	11.890	15214.0E6	10872.0E6	711.368	772.534m
16) T	DCPA	11.151	11.887	13929.4E6	9431.3E6	699.568	698.073m

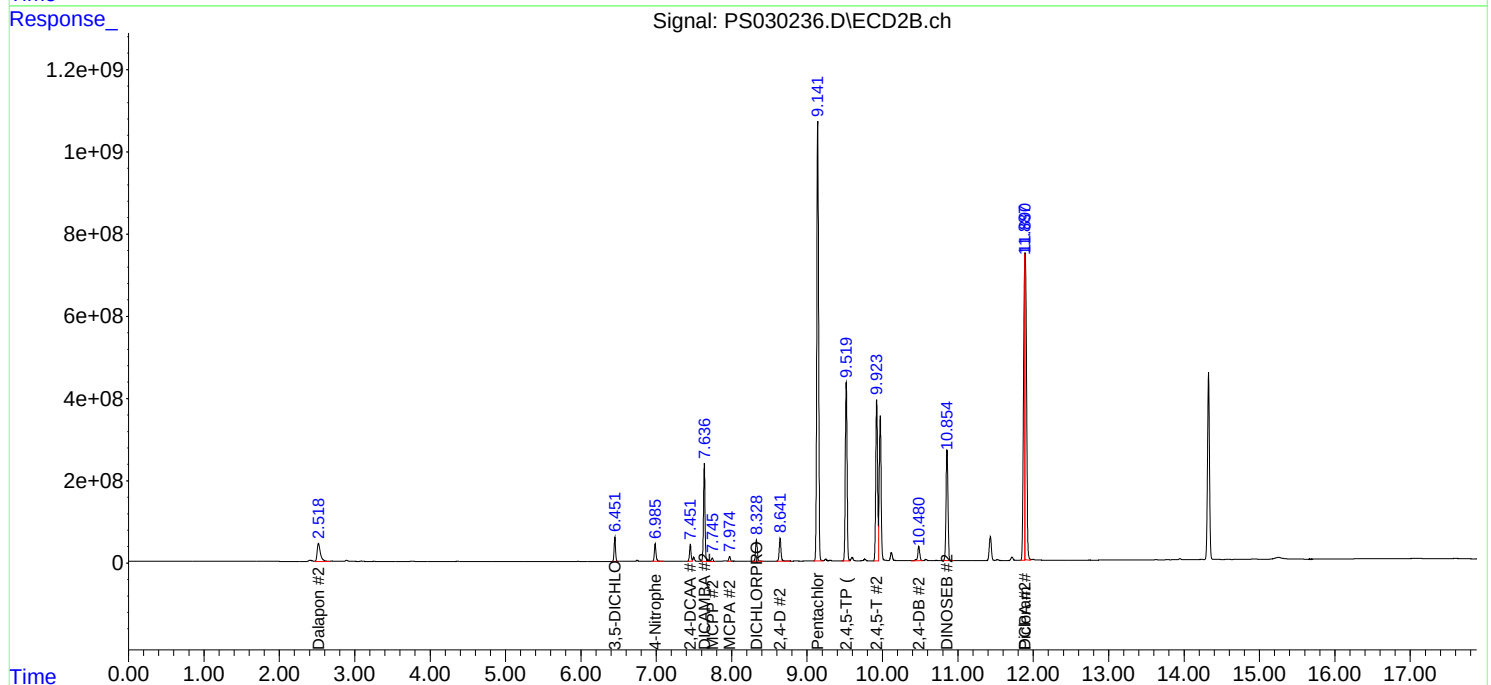
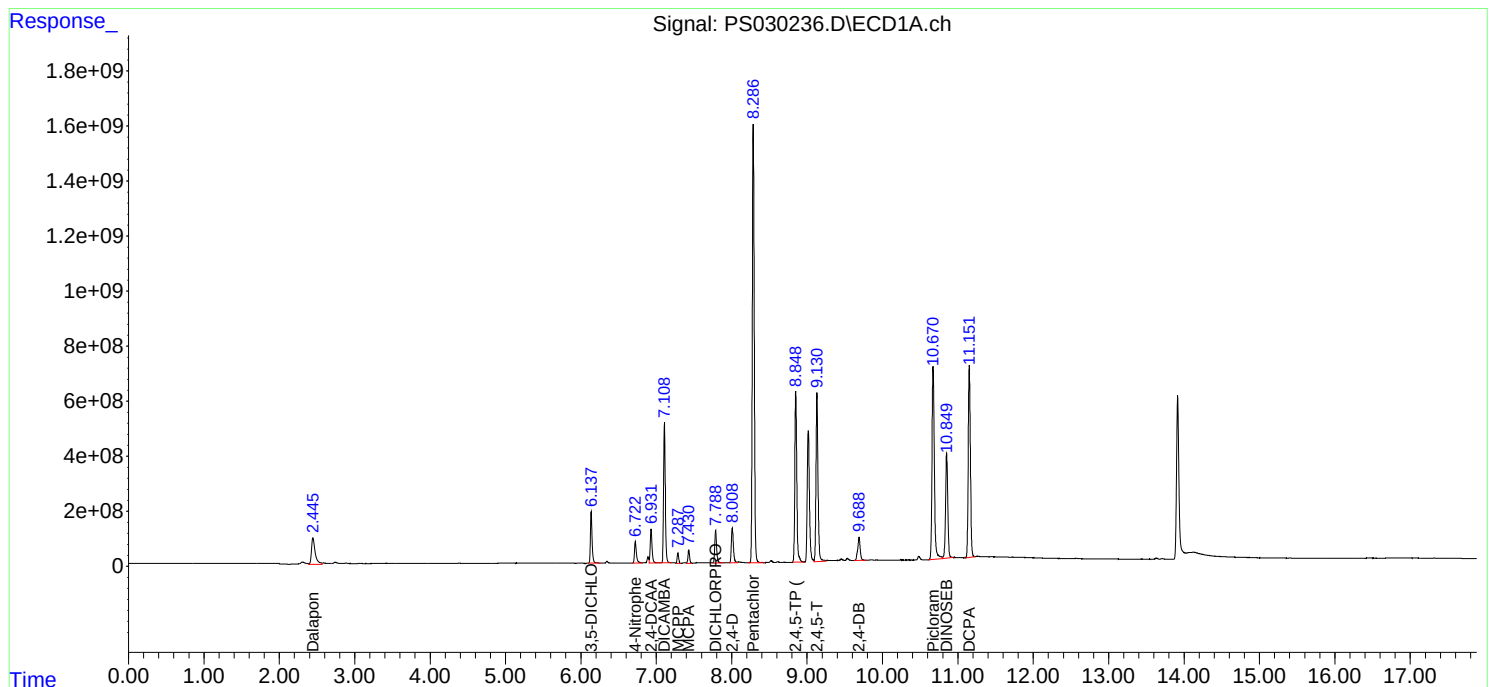
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
Data File : PS030236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 16:06
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: May 16 01:19:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: ENTACT

SDG No.: Q2001

Project: 540 Degraw St, Brooklyn, NY - E9309

Instrument ID: ECD_S

GC Column: RTX-CLP

ID: 0.32 (mm)

Inst. Calib. Date(s): 05/12/2025 05/12/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	05/12/2025	12:06	PS030124.D	6.93	0.00
HSTDICC200	HSTDICC200	05/12/2025	12:30	PS030125.D	6.93	0.00
HSTDICC500	HSTDICC500	05/12/2025	12:54	PS030126.D	6.93	0.00
HSTDICC750	HSTDICC750	05/12/2025	13:18	PS030127.D	6.93	0.00
HSTDICC1000	HSTDICC1000	05/12/2025	13:42	PS030128.D	6.93	0.00
HSTDICC1500	HSTDICC1500	05/12/2025	14:06	PS030129.D	6.93	0.00
IBLK	IBLK	05/14/2025	17:29	PS030189.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	17:53	PS030190.D	6.93	0.00
PB167988BL	PB167988BL	05/14/2025	20:42	PS030197.D	6.93	0.00
PB167963TB	PB167963TB	05/14/2025	21:30	PS030199.D	6.94	0.00
WC-A4-03-C	Q2001-03	05/14/2025	21:54	PS030200.D	6.93	0.00
IBLK	IBLK	05/14/2025	22:18	PS030201.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	22:42	PS030202.D	6.93	0.00
WC-A4-03-CMS	Q2001-03MS	05/14/2025	23:06	PS030203.D	6.93	0.00
WC-A4-03-CMSD	Q2001-03MSD	05/14/2025	23:30	PS030204.D	6.93	0.00
WC-A1-05-C	Q2001-07	05/14/2025	23:54	PS030205.D	6.93	0.00
WC-A1-06-C	Q2001-11	05/15/2025	00:18	PS030206.D	6.93	0.00
WC-A1-07-C	Q2001-15	05/15/2025	00:42	PS030207.D	6.93	0.00
IBLK	IBLK	05/15/2025	05:26	PS030213.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	05:50	PS030214.D	6.93	0.00
IBLK	IBLK	05/15/2025	09:26	PS030223.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	10:18	PS030224.D	6.93	0.00
PB167988BS	PB167988BS	05/15/2025	11:06	PS030226.D	6.93	0.00
IBLK	IBLK	05/15/2025	15:42	PS030235.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	16:06	PS030236.D	6.93	0.00

Analytical Sequence

Client: ENTACT	SDG No.: Q2001
Project: 540 Degraw St, Brooklyn, NY - E9309	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 05/12/2025 05/12/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	05/12/2025	12:06	PS030124.D	7.45	0.00
HSTDICC200	HSTDICC200	05/12/2025	12:30	PS030125.D	7.45	0.00
HSTDICC500	HSTDICC500	05/12/2025	12:54	PS030126.D	7.45	0.00
HSTDICC750	HSTDICC750	05/12/2025	13:18	PS030127.D	7.45	0.00
HSTDICC1000	HSTDICC1000	05/12/2025	13:42	PS030128.D	7.45	0.00
HSTDICC1500	HSTDICC1500	05/12/2025	14:06	PS030129.D	7.45	0.00
IBLK	IBLK	05/14/2025	17:29	PS030189.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	17:53	PS030190.D	7.45	0.00
PB167988BL	PB167988BL	05/14/2025	20:42	PS030197.D	7.45	0.00
PB167963TB	PB167963TB	05/14/2025	21:30	PS030199.D	7.45	0.00
WC-A4-03-C	Q2001-03	05/14/2025	21:54	PS030200.D	7.45	0.00
IBLK	IBLK	05/14/2025	22:18	PS030201.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	22:42	PS030202.D	7.45	0.00
WC-A4-03-CMS	Q2001-03MS	05/14/2025	23:06	PS030203.D	7.45	0.00
WC-A4-03-CMSD	Q2001-03MSD	05/14/2025	23:30	PS030204.D	7.45	0.00
WC-A1-05-C	Q2001-07	05/14/2025	23:54	PS030205.D	7.45	0.00
WC-A1-06-C	Q2001-11	05/15/2025	00:18	PS030206.D	7.45	0.00
WC-A1-07-C	Q2001-15	05/15/2025	00:42	PS030207.D	7.45	0.00
IBLK	IBLK	05/15/2025	05:26	PS030213.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	05:50	PS030214.D	7.45	0.00
IBLK	IBLK	05/15/2025	09:26	PS030223.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	10:18	PS030224.D	7.45	0.00
PB167988BS	PB167988BS	05/15/2025	11:06	PS030226.D	7.45	0.00
IBLK	IBLK	05/15/2025	15:42	PS030235.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	16:06	PS030236.D	7.45	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167988BS

Contract: ENTA05

Lab Code: CHEM Case No.: Q2001 SAS No.: Q2001 SDG NO.: Q2001

Lab Sample ID: PB167988BS Date(s) Analyzed: 05/15/2025 05/15/2025

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		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.01	7.96	8.06	5.50	0
	2	8.64	8.59	8.69	5.50	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	5.60	0
	2	9.52	9.47	9.57	5.60	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-A4-03-CMS

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2001

SAS No.: Q2001

SDG NO.: Q2001

Lab Sample ID: Q2001-03MS

Date(s) Analyzed: 05/14/2025

05/14/2025

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		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	40.3	0.2
	2	9.52	9.47	9.57	40.4	
2,4-D	1	8.01	7.96	8.06	43.4	2.3
	2	8.64	8.59	8.69	42.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-A4-03-CMSD

Contract: ENTA05

Lab Code: CHEM **Case No.:** Q2001

SAS No.: Q2001 **SDG NO.:** Q2001

Lab Sample ID: Q2001-03MSD

Date(s) Analyzed: 05/14/2025 05/14/2025

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		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.01	7.96	8.06	43.8	2.5
	2	8.64	8.59	8.69	42.7	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	40.6	0
	2	9.52	9.47	9.57	40.6	



QC SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167988BL	SDG No.:	Q2001
Lab Sample ID:	PB167988BL	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
PS030197.D	1	05/13/25 11:30	05/14/25 20:42	PB167988

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	480		70 (39) - 130 (175)	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\PS051425\
 Data File : PS030197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 20:42
 Operator : AR\AJ
 Sample : PB167988BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167988BL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:40:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.452	1367.0E6	367.7E6	480.018	459.546m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 20:42
Operator : AR\AJ
Sample : PB167988BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

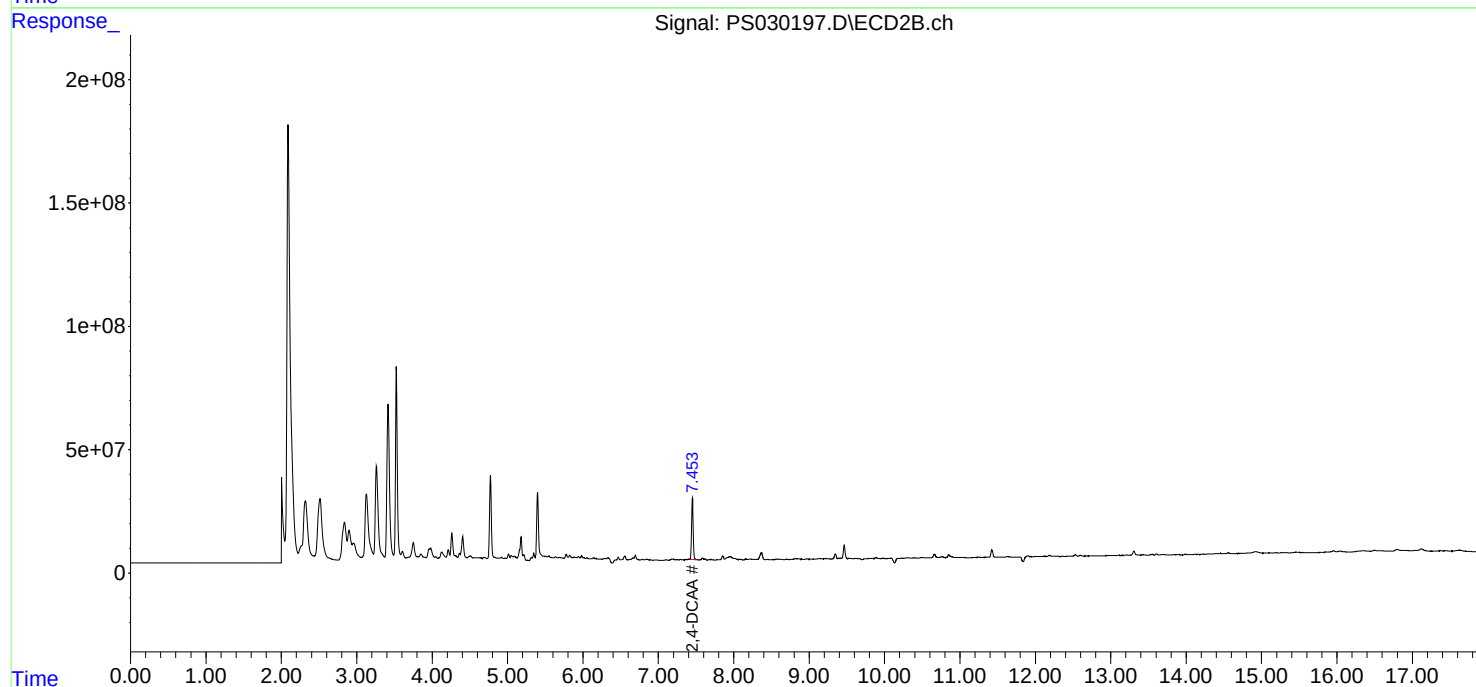
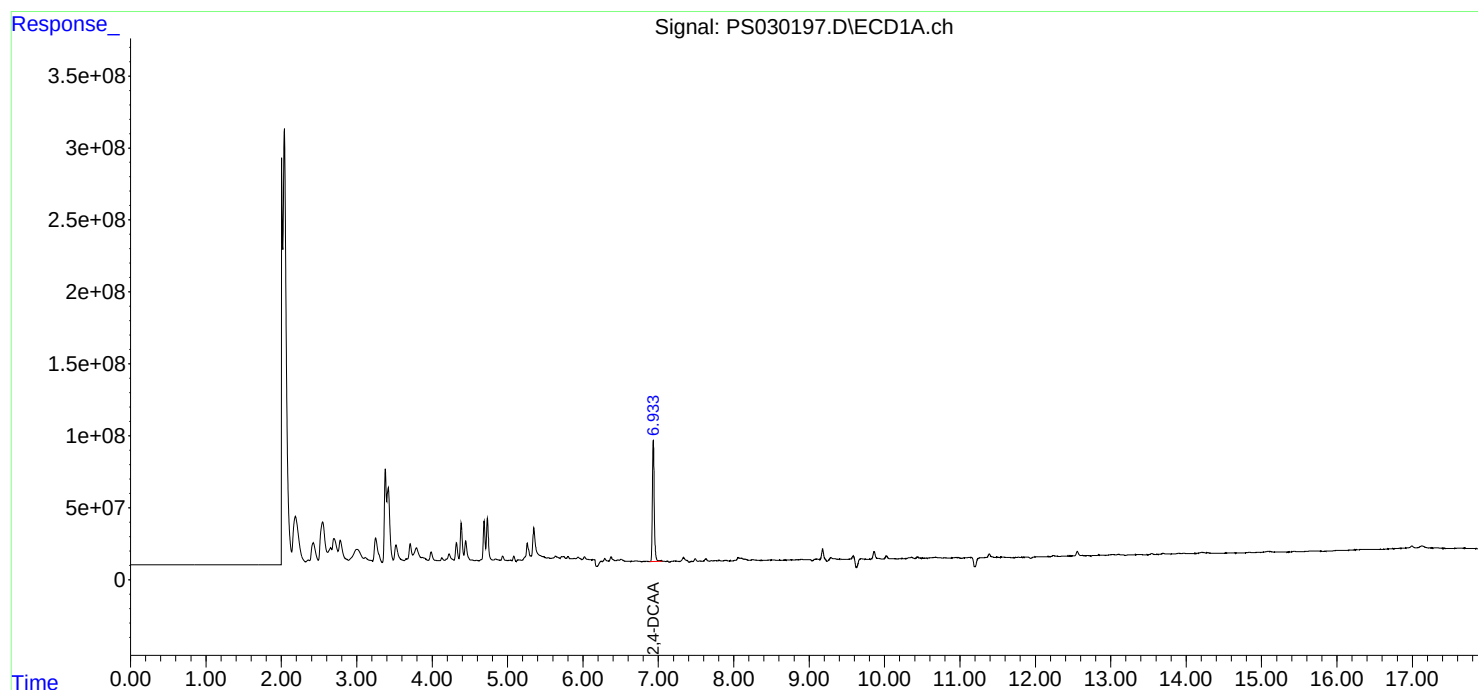
Instrument :
ECD_S
ClientSampleId :
PB167988BL

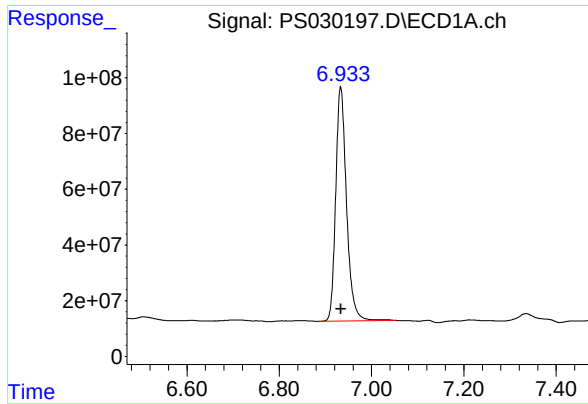
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/15/2025
Supervised By : mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





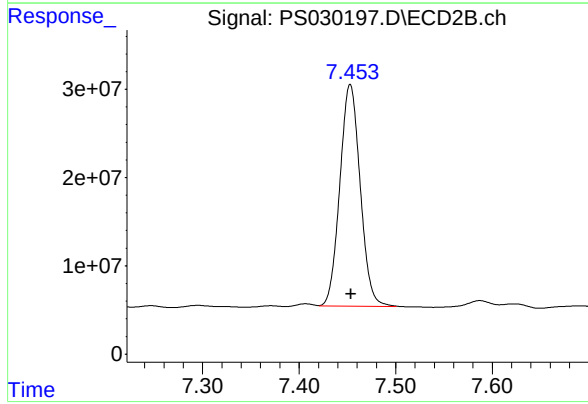
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 1366999135
Conc: 480.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167988BL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



#4 2,4-DCAA

R.T.: 7.452 min
Delta R.T.: -0.001 min
Response: 367730307
Conc: 459.55 ng/ml m

Report of Analysis

Client:	ENTACT	Date Collected:	05/12/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/12/25
Client Sample ID:	PIBLK-PS030124.D	SDG No.:	Q2001
Lab Sample ID:	I.BLK-PS030124.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
PS030124.D	1		05/12/25	PS051225

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	419		70 (39) - 130 (175)	84%	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\PS051225\
 Data File : PS030124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 12:06
 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: May 12 14:30:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 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	6.934	7.454	1194.2E6	334.3E6	419.337	417.753

Target Compounds

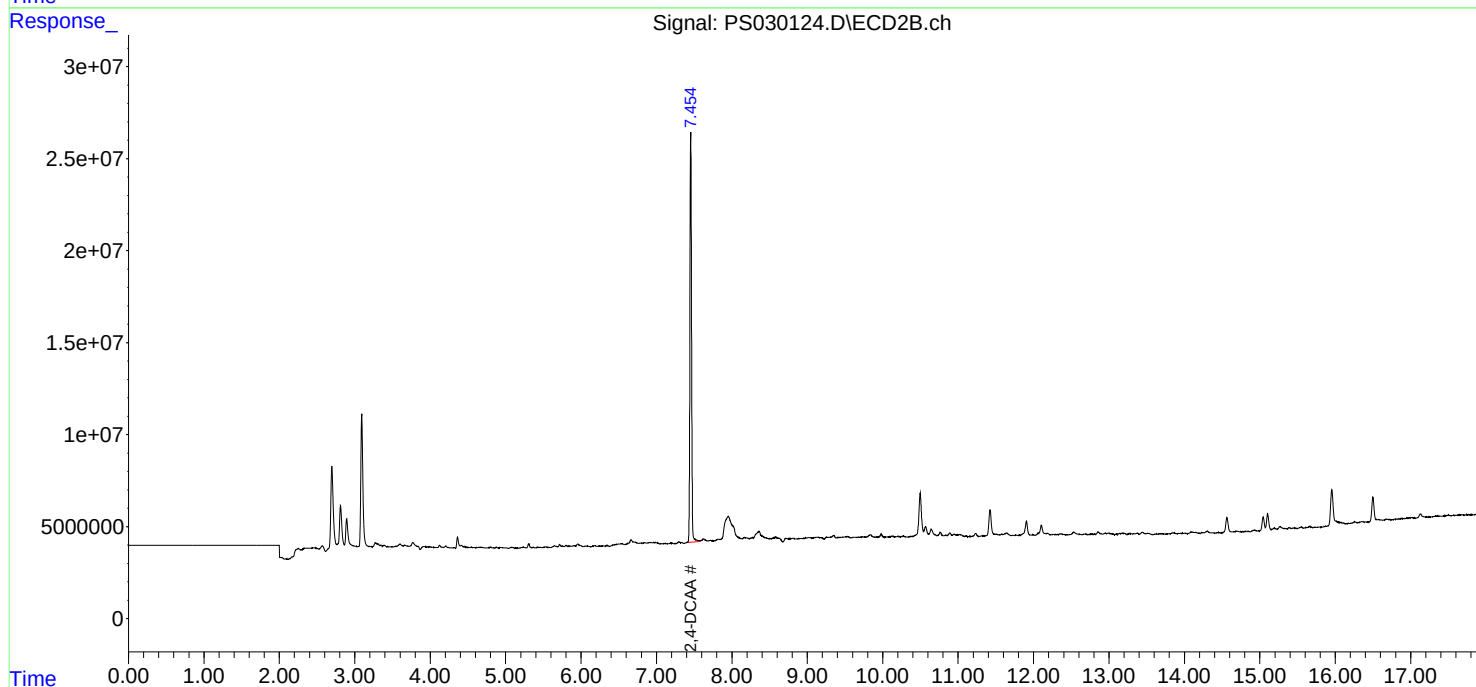
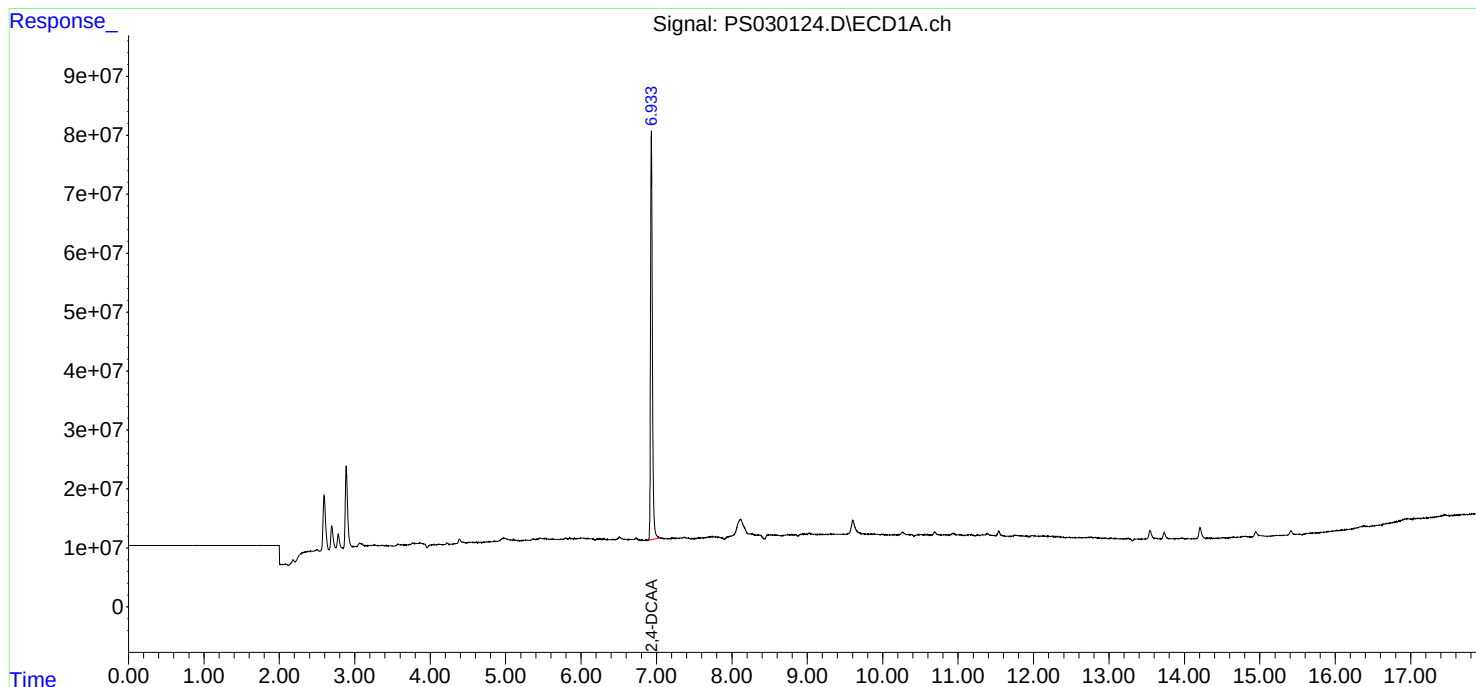
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

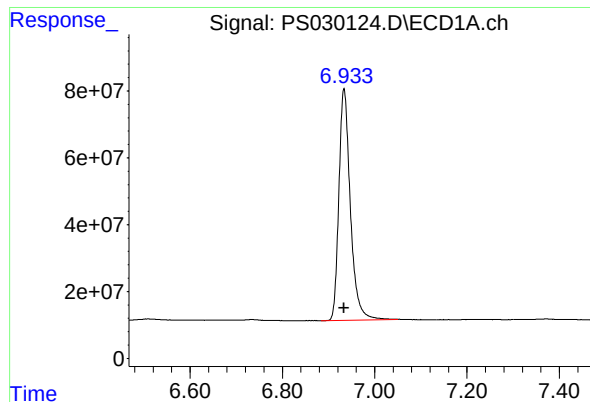
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 12:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 14:30:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

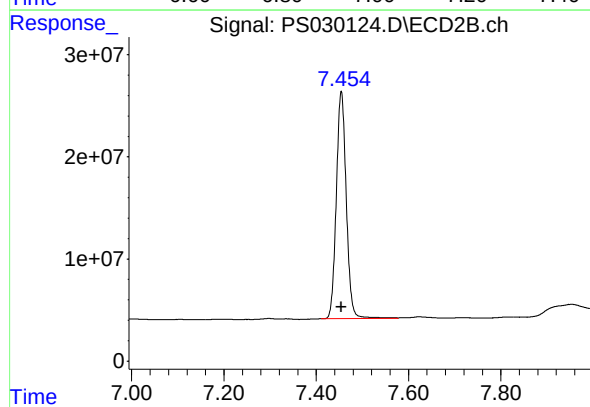




#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 1194190207
Conc: 419.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 334287239
Conc: 417.75 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/14/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/14/25
Client Sample ID:	PIBLK-PS030189.D	SDG No.:	Q2001
Lab Sample ID:	I.BLK-PS030189.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030189.D	1		05/14/25	PS051425

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	491		70 (39) - 130 (175)	98%	SPK: 500

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 17:29
 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: May 15 06:39:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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
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System Monitoring Compounds

4) S	2,4-DCAA	6.934	7.453	1373.9E6	393.0E6	482.453	491.094
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Target Compounds

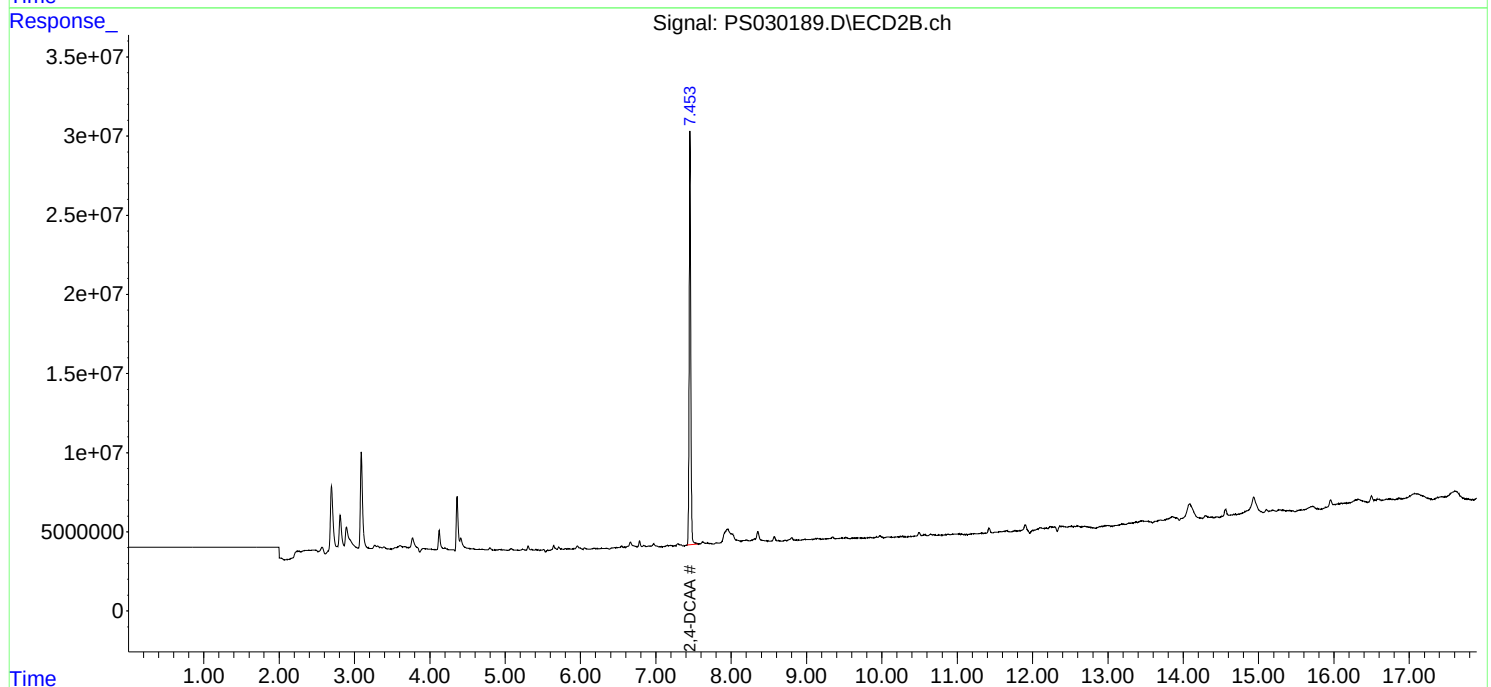
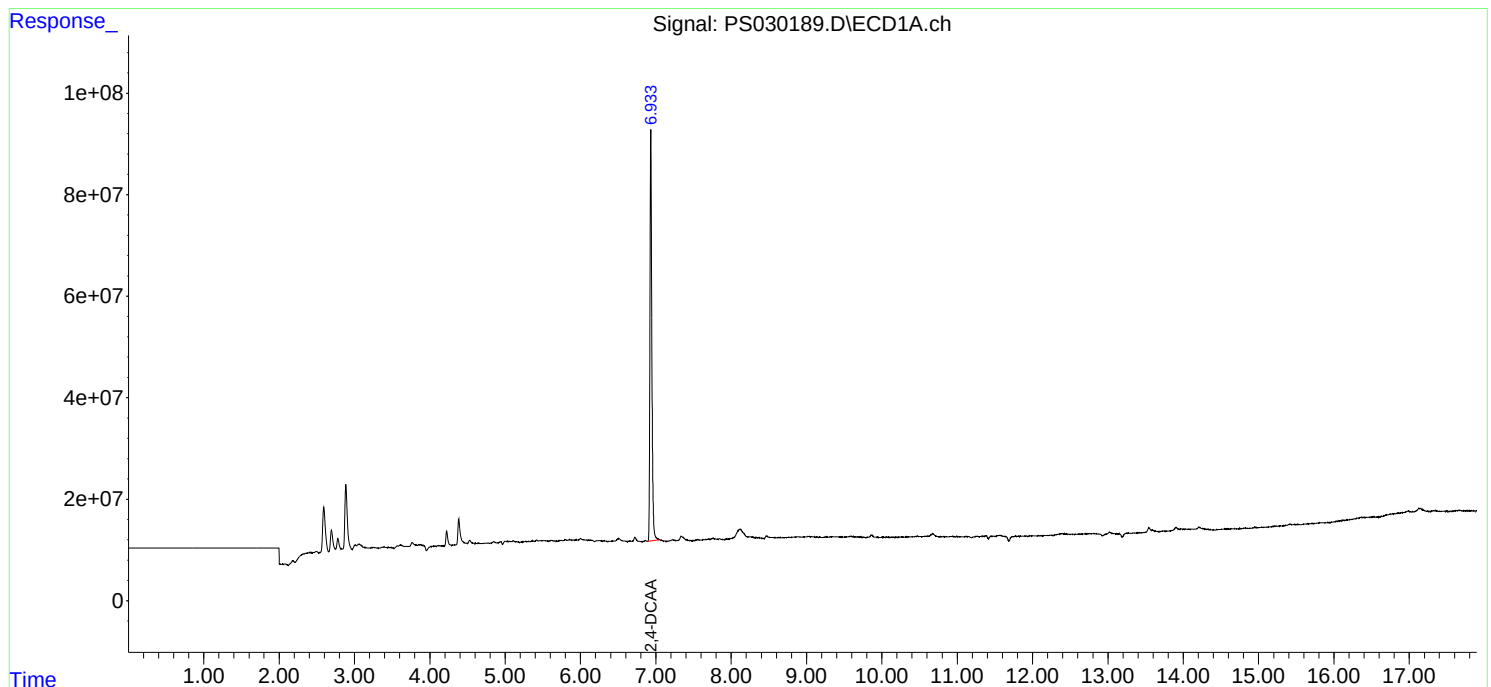
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

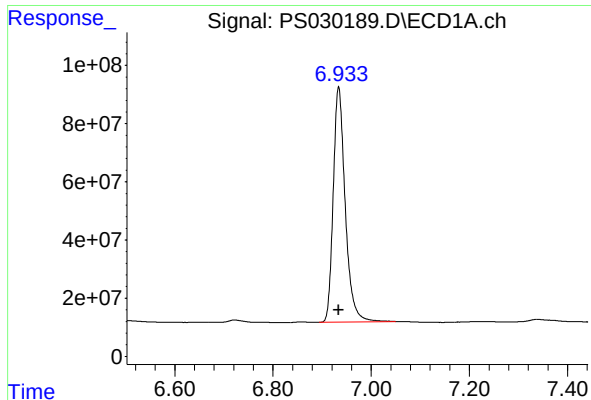
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 17:29
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:39:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.934 min

Delta R.T.: 0.000 min

Response: 1373933467

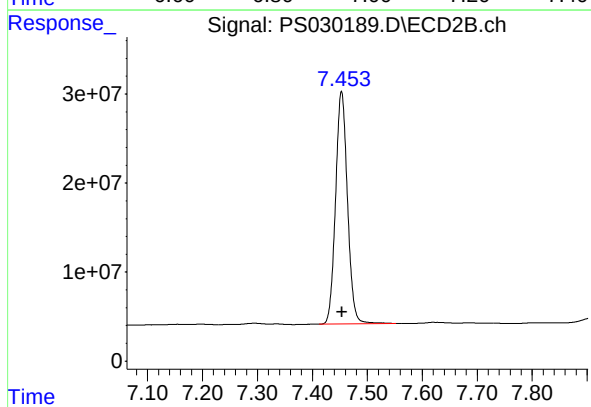
Conc: 482.45 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.453 min

Delta R.T.: 0.000 min

Response: 392974799

Conc: 491.09 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/14/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/14/25
Client Sample ID:	PIBLK-PS030201.D	SDG No.:	Q2001
Lab Sample ID:	I.BLK-PS030201.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
PS030201.D	1		05/14/25	PS051425

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	493		70 (39) - 130 (175)	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\PS051425\
 Data File : PS030201.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 22:18
 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: May 15 06:41:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.453	1381.8E6	394.8E6	485.203	493.412

Target Compounds

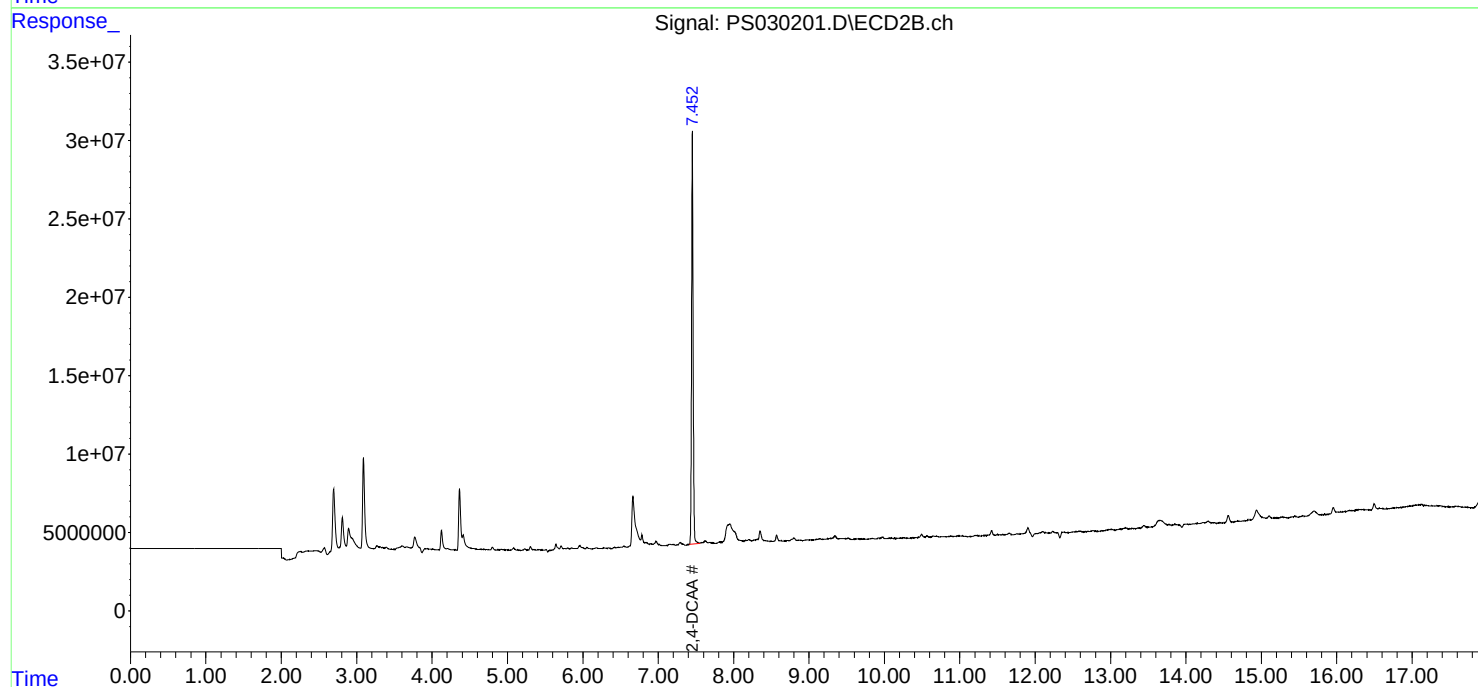
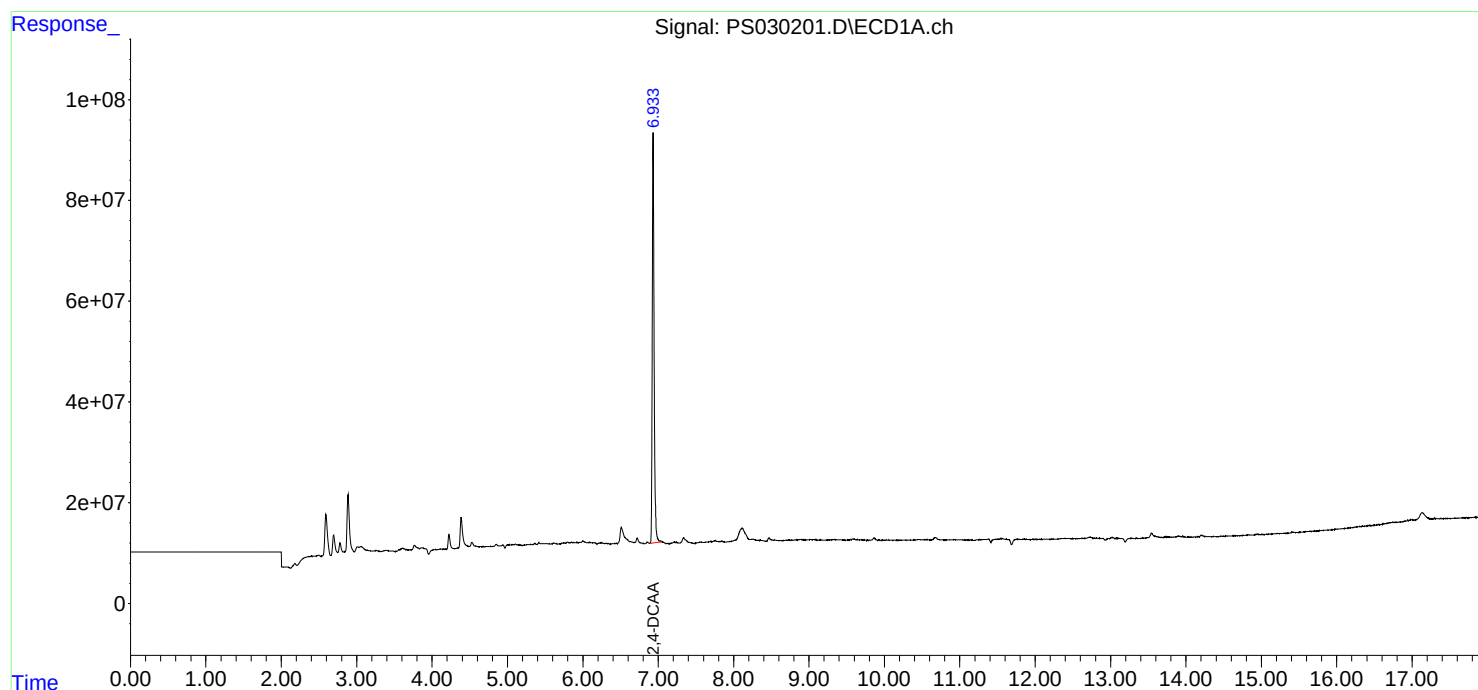
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

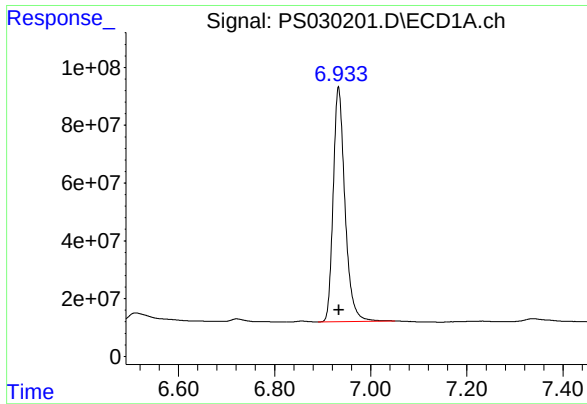
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 22:18
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:41:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.933 min

Delta R.T.: 0.000 min

Response: 1381764483

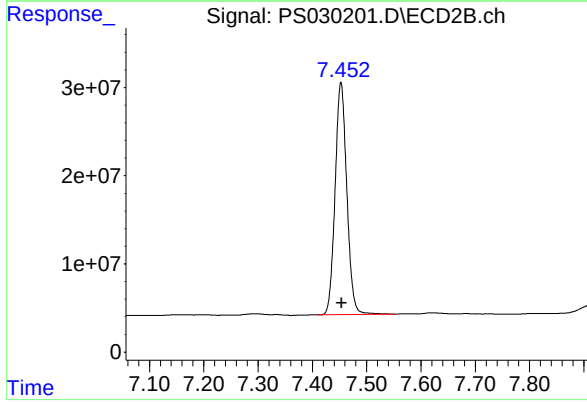
Conc: 485.20 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.453 min

Delta R.T.: -0.001 min

Response: 394830300

Conc: 493.41 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/15/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/15/25
Client Sample ID:	PIBLK-PS030213.D	SDG No.:	Q2001
Lab Sample ID:	I.BLK-PS030213.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
PS030213.D	1		05/15/25	PS051425

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	495		70 (39) - 130 (175)	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\PS051425\
Data File : PS030213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 05:26
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: May 15 06:43:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

4) S	2,4-DCAA	6.933	7.451	1386.0E6	396.2E6	486.703	495.109
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Target Compounds

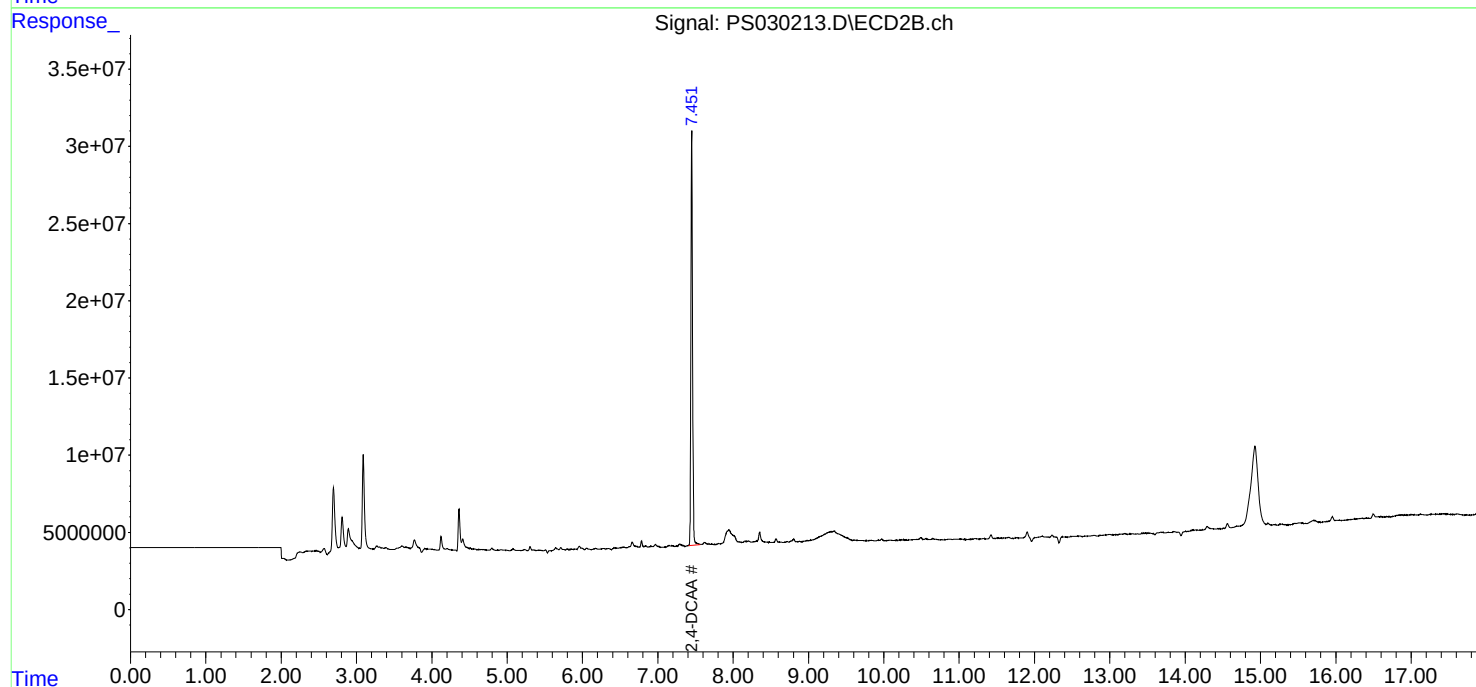
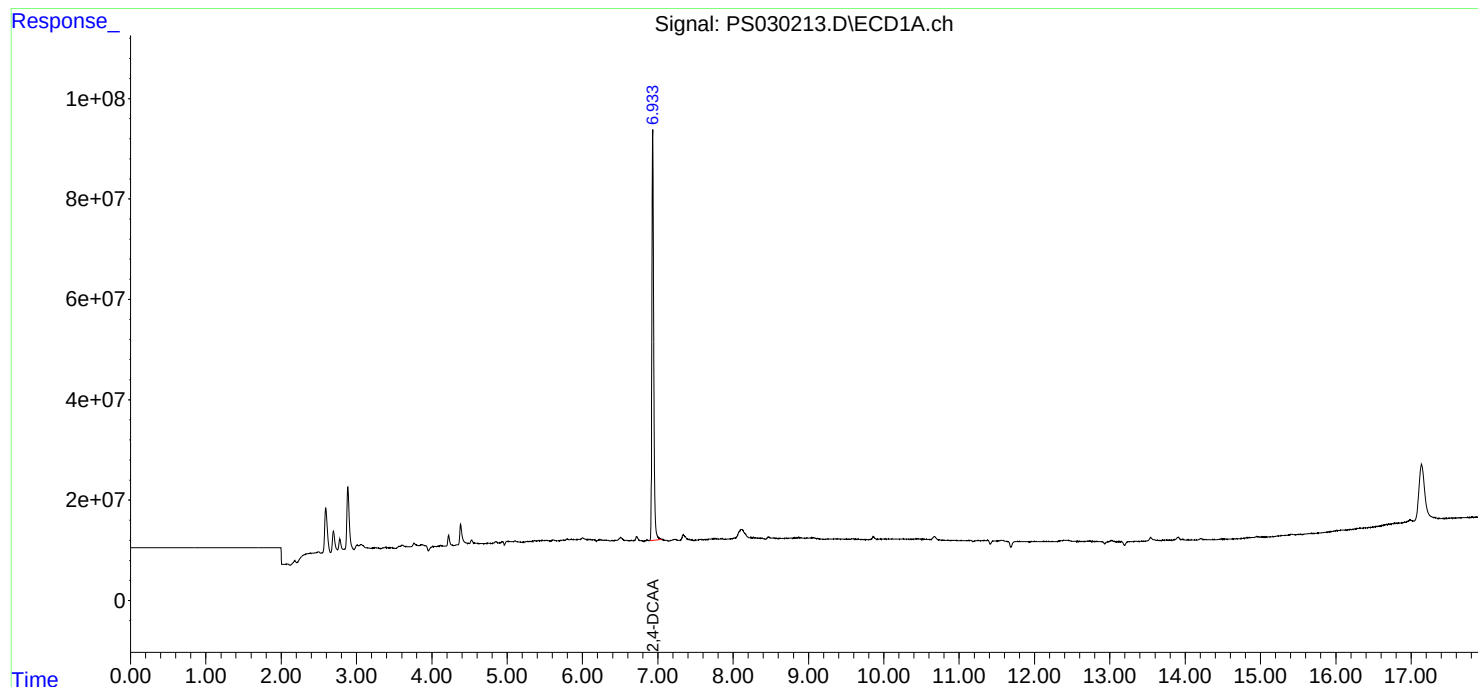
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

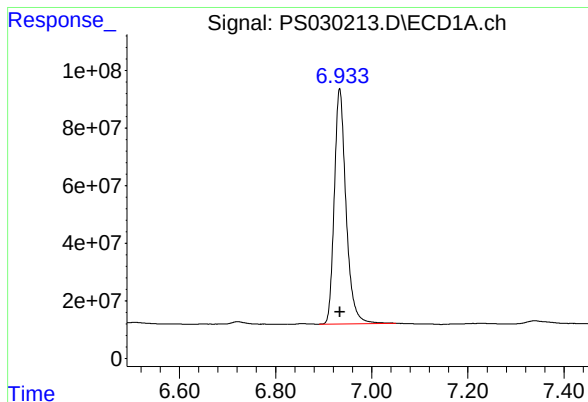
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 05:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:43:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.933 min

Delta R.T.: 0.000 min

Response: 1386036344

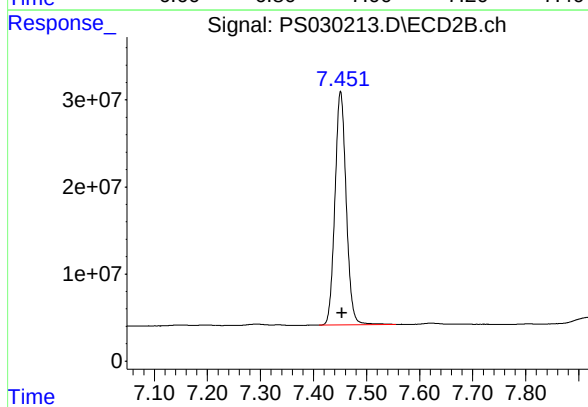
Conc: 486.70 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.451 min

Delta R.T.: -0.003 min

Response: 396188219

Conc: 495.11 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/15/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/15/25
Client Sample ID:	PIBLK-PS030223.D	SDG No.:	Q2001
Lab Sample ID:	I.BLK-PS030223.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
PS030223.D	1		05/15/25	PS051525

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	503		70 (39) - 130 (175)	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\PS051525\
 Data File : PS030223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 09:26
 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: May 16 01:19:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.453	1399.3E6	402.2E6	491.371	502.600

Target Compounds

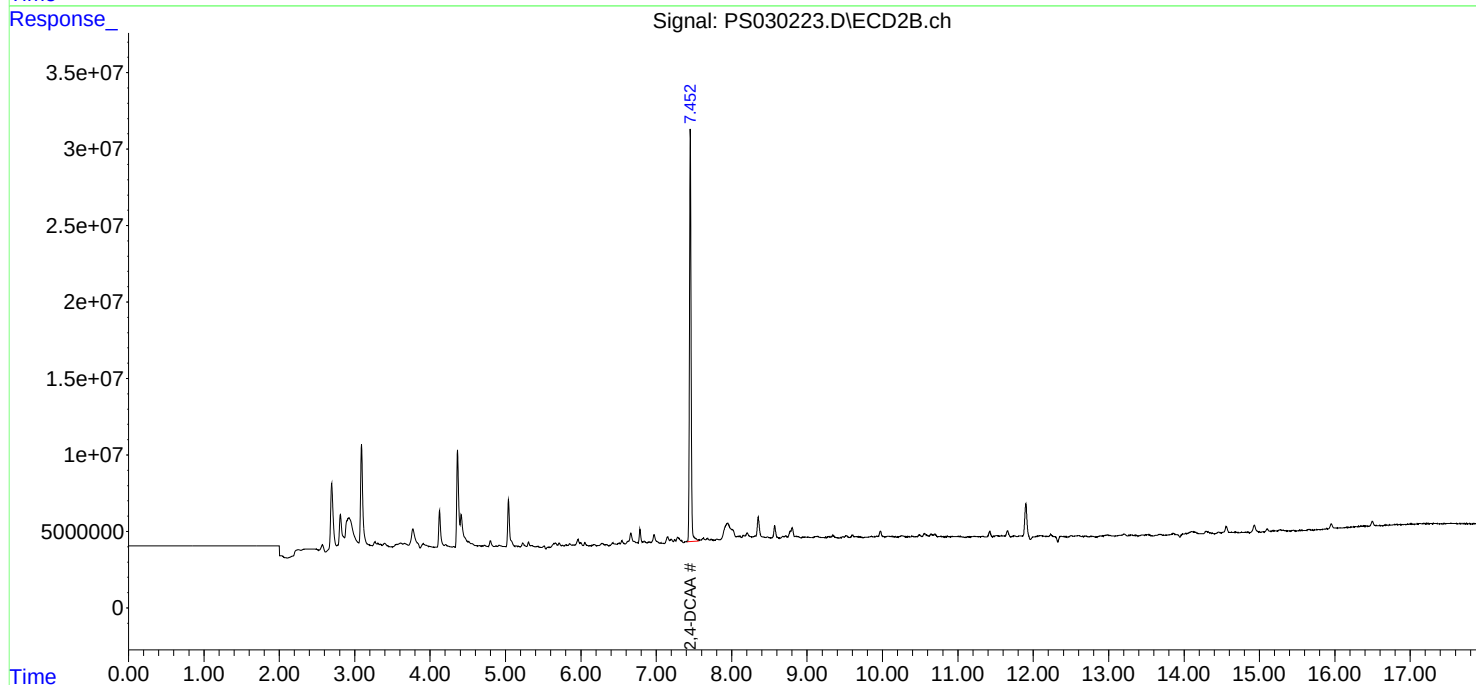
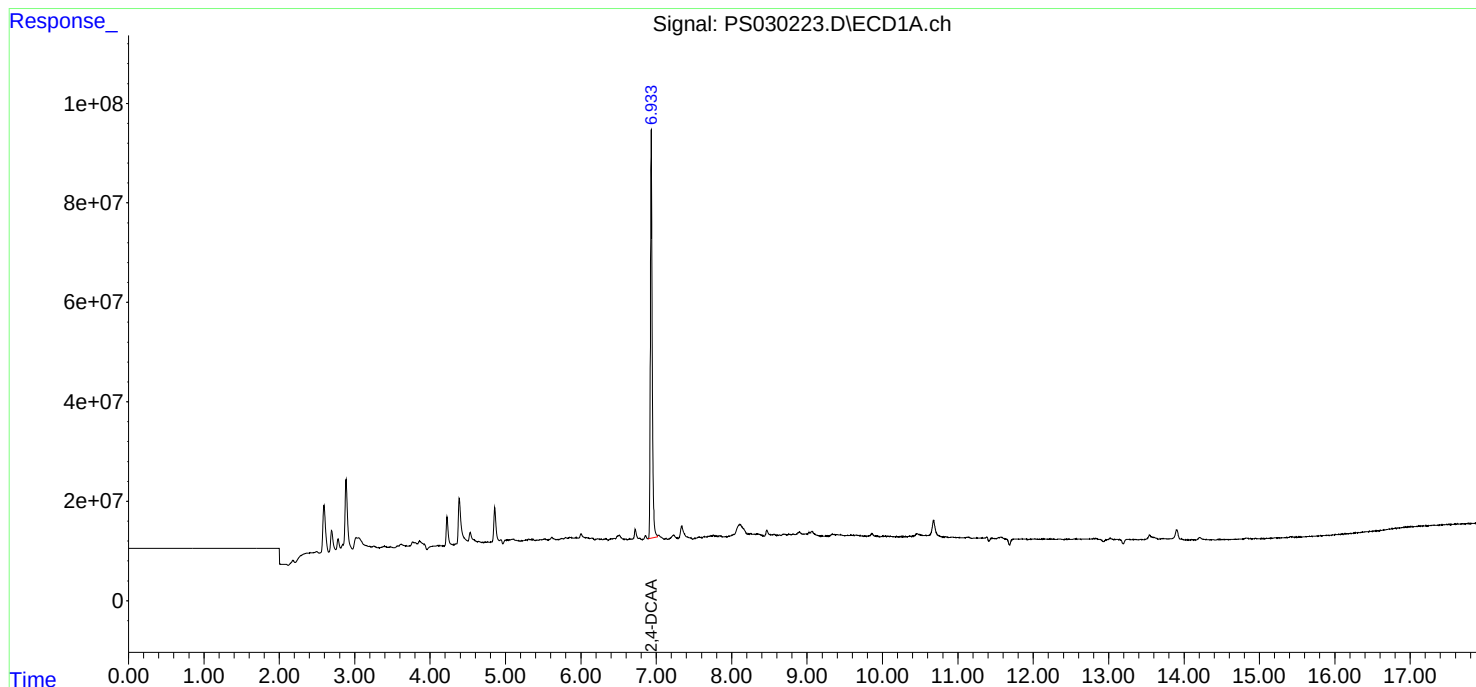
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

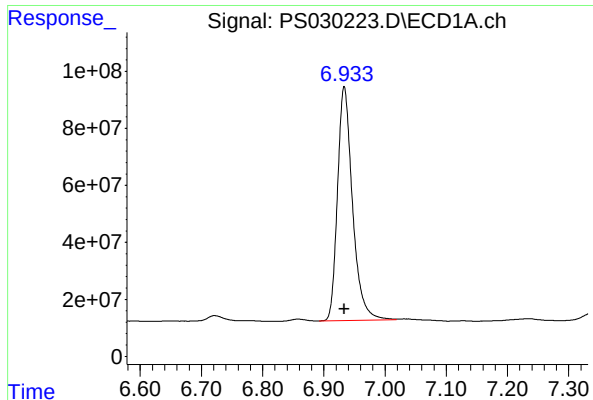
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
Data File : PS030223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 09:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 01:19:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.933 min

Delta R.T.: 0.000 min

Response: 1399329865

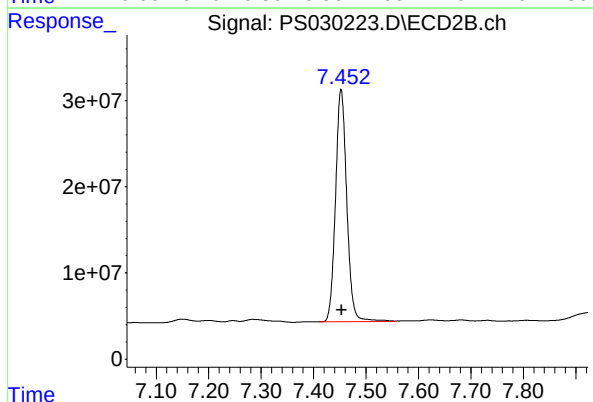
Conc: 491.37 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.453 min

Delta R.T.: -0.001 min

Response: 402181980

Conc: 502.60 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/15/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/15/25
Client Sample ID:	PIBLK-PS030235.D	SDG No.:	Q2001
Lab Sample ID:	I.BLK-PS030235.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
PS030235.D	1		05/15/25	PS051525

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	462		70 (39) - 130 (175)	92%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 15:42
 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: May 16 01:19:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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
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System Monitoring Compounds

4) S 2,4-DCAA	6.932	7.446	1284.6E6	369.5E6	451.085	461.721m
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Target Compounds

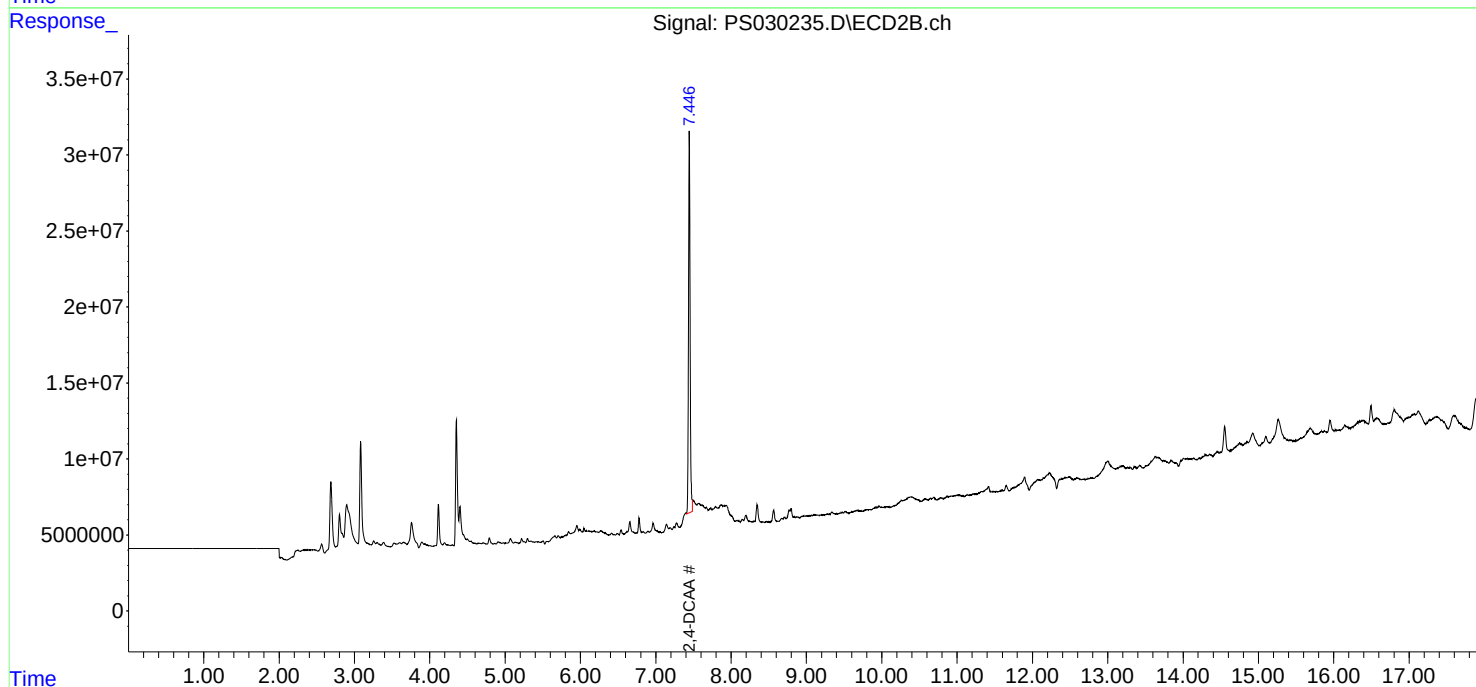
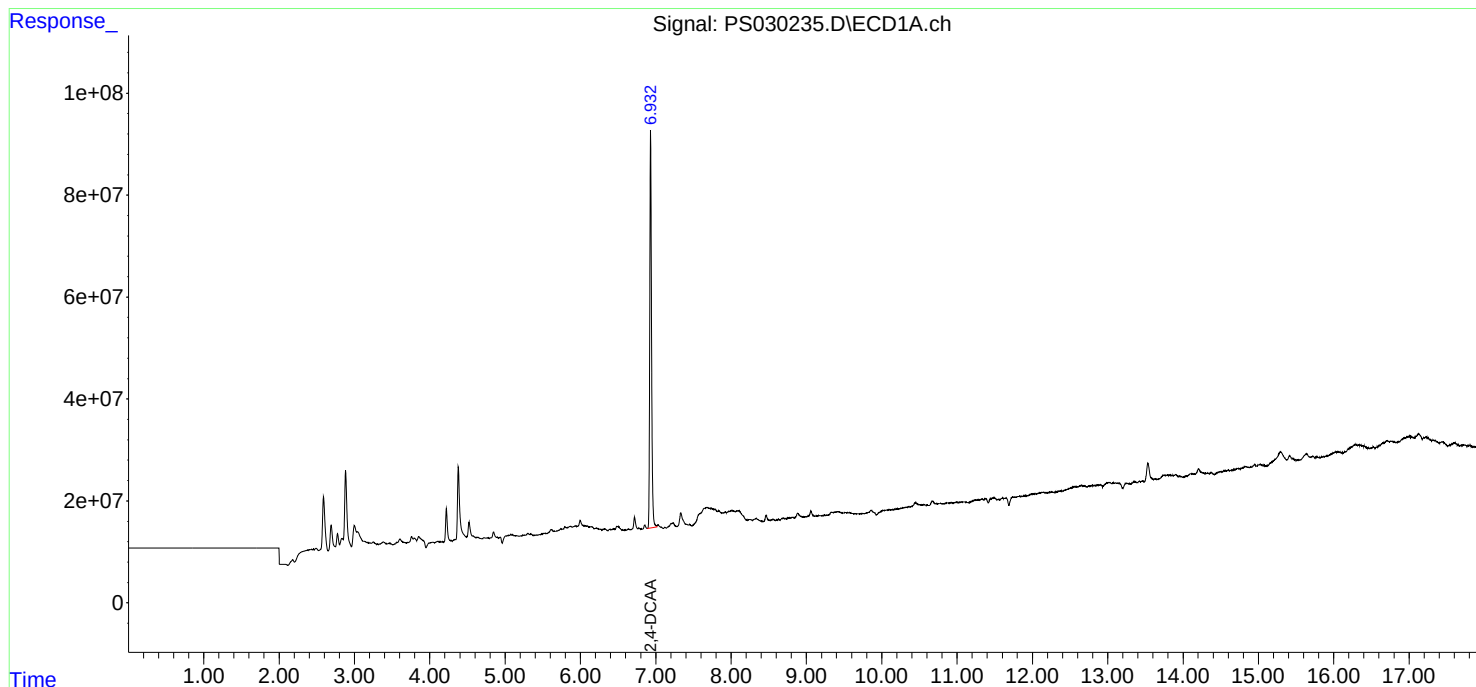
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

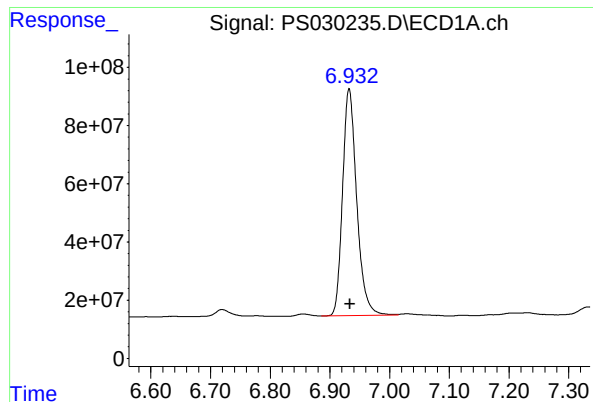
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
Data File : PS030235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 15:42
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 01:19:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.932 min

Delta R.T.: -0.001 min

Response: 1284604871

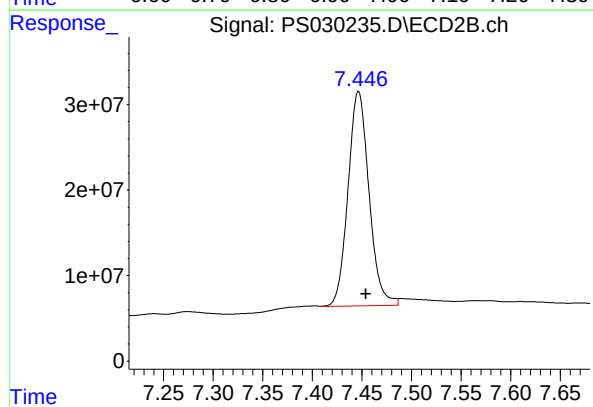
Conc: 451.09 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.446 min

Delta R.T.: -0.008 min

Response: 369470923

Conc: 461.72 ng/ml m

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167988BS	SDG No.:	Q2001
Lab Sample ID:	PB167988BS	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
PS030226.D	1	05/13/25 11:30	05/15/25 11:06	PB167988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	5.50		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.60		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	579		70 (39) - 130 (175)	116%	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\PS051525\
 Data File : PS030226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 11:06
 Operator : AR\AJ
 Sample : PB167988BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167988BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 04:20:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.452	1645.9E6	463.5E6	577.970	579.286
Target Compounds							
1) T	Dalapon	2.446	2.520	2536.7E6	1038.9E6	516.083	511.532
2) T	3,5-DICHL...	6.138	6.452	2238.3E6	601.0E6	536.703	515.526
3) T	4-Nitroph...	6.724	6.987	1077.5E6	499.9E6	521.621	478.845
5) T	DICAMBA	7.109	7.638	6328.7E6	2575.0E6	547.587	544.626
6) T	MCP	7.287	7.744	408.7E6	100.5E6	56.122	54.604
7) T	MCPA	7.429	7.974	547.5E6	142.7E6	52.739	54.117
8) T	DICHLORPROP	7.789	8.330	1591.7E6	639.0E6	544.841	540.829
9) T	2,4-D	8.010	8.642	1795.1E6	712.1E6	547.473	551.798
10) T	Pentachlo...	8.286	9.142	22961.6E6	13909.9E6	566.942	563.496
11) T	2,4,5-TP ...	8.850	9.520	9055.3E6	5485.4E6	559.108	556.869
12) T	2,4,5-T	9.132	9.924	9240.8E6	5082.1E6	559.533	552.181
13) T	2,4-DB	9.690	10.483	1501.6E6	489.8E6	575.382	493.568
14) T	DINOSEB	10.850	10.855	6265.0E6	3698.8E6	547.818	541.393
15) T	Picloram	10.670	11.891	11617.5E6	7504.6E6	543.203	533.259m
16) T	DCPA	11.151	11.887	11278.0E6	6983.4E6	566.408	516.883m

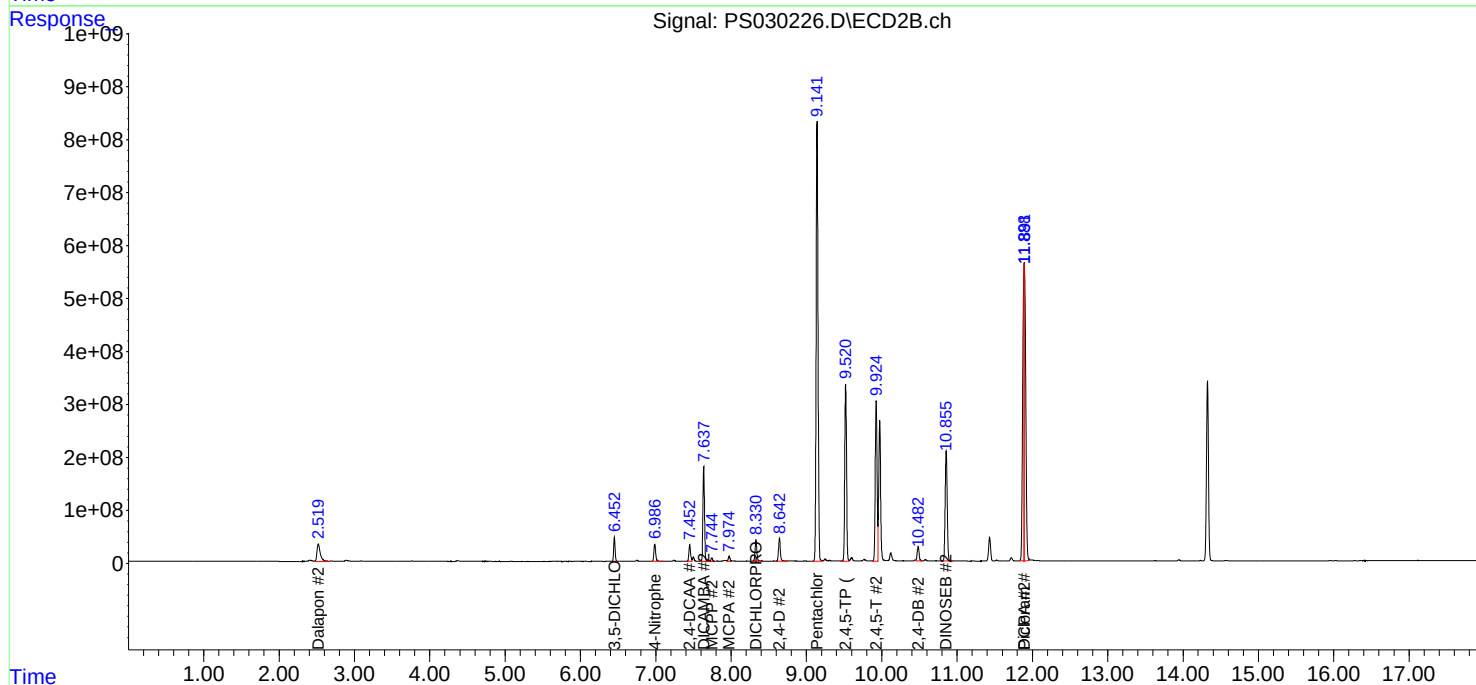
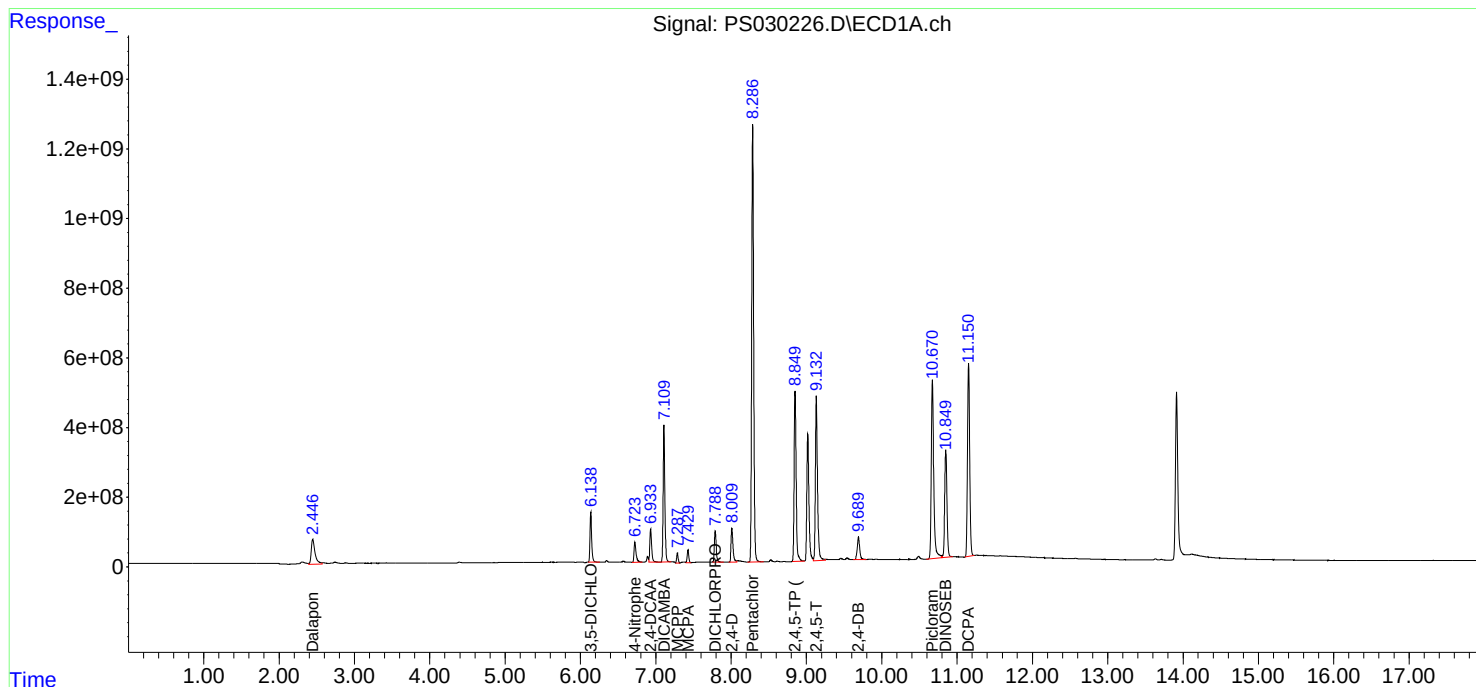
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
Data File : PS030226.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 11:06
Operator : AR\AJ
Sample : PB167988BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB167988BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 04:20:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ENTACT	Date Collected:	05/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A4-03-CMS	SDG No.:	Q2001
Lab Sample ID:	Q2001-03MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030203.D	1	05/13/25 11:30	05/14/25 23:06	PB167988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	43.4		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	40.4		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	388		70 (39) - 130 (175)	78%	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\PS051425\
 Data File : PS030203.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 23:06
 Operator : AR\AJ
 Sample : Q2001-03MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-A4-03-CMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2025
 Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:41:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.453	1091.0E6	310.5E6	383.109	387.974
Target Compounds							
1) T	Dalapon	2.443	2.517	1650.0E6	1500.6E6	335.674	738.841 #
2) T	3,5-DICHL...	6.138	6.452	1430.0E6	462.3E6	342.870	396.563
3) T	4-Nitroph...	6.739	6.986	46224827	4881252	22.378m	4.675m#
5) T	DICAMBA	7.109	7.638	3867.5E6	1647.3E6	334.637	348.406
6) T	MCPD	7.286	7.744	282.8E6	59050502	38.836	32.097
7) T	MCPA	7.428	7.972	324.0E6	122.6E6	31.211	46.481 #
8) T	DICHLORPROP	7.789	8.330	1148.9E6	491.4E6	393.291	415.919
9) T	2,4-D	8.010	8.642	1423.5E6	547.4E6	434.144	424.196
10) T	Pentachlo...	8.286	9.142	15755.2E6	9424.1E6	389.010	381.774
11) T	2,4,5-TP ...	8.850	9.521	6528.2E6	3977.7E6	403.076	403.815
12) T	2,4,5-T	9.132	9.924	6359.8E6	3539.0E6	385.087	384.520
13) T	2,4-DB	9.691	10.482	954.1E6	408.8E6	365.597	411.943
14) T	DINOSEB	10.850	10.856	3815.5E6	2218.1E6	333.633	324.668
15) T	Picloram	10.670	11.888	7104.4E6	5095.2E6	332.186	362.051m
16) T	DCPA	11.151	11.887	7446.0E6	4254.9E6	373.955	314.931m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 23:06
Operator : AR\AJ
Sample : Q2001-03MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

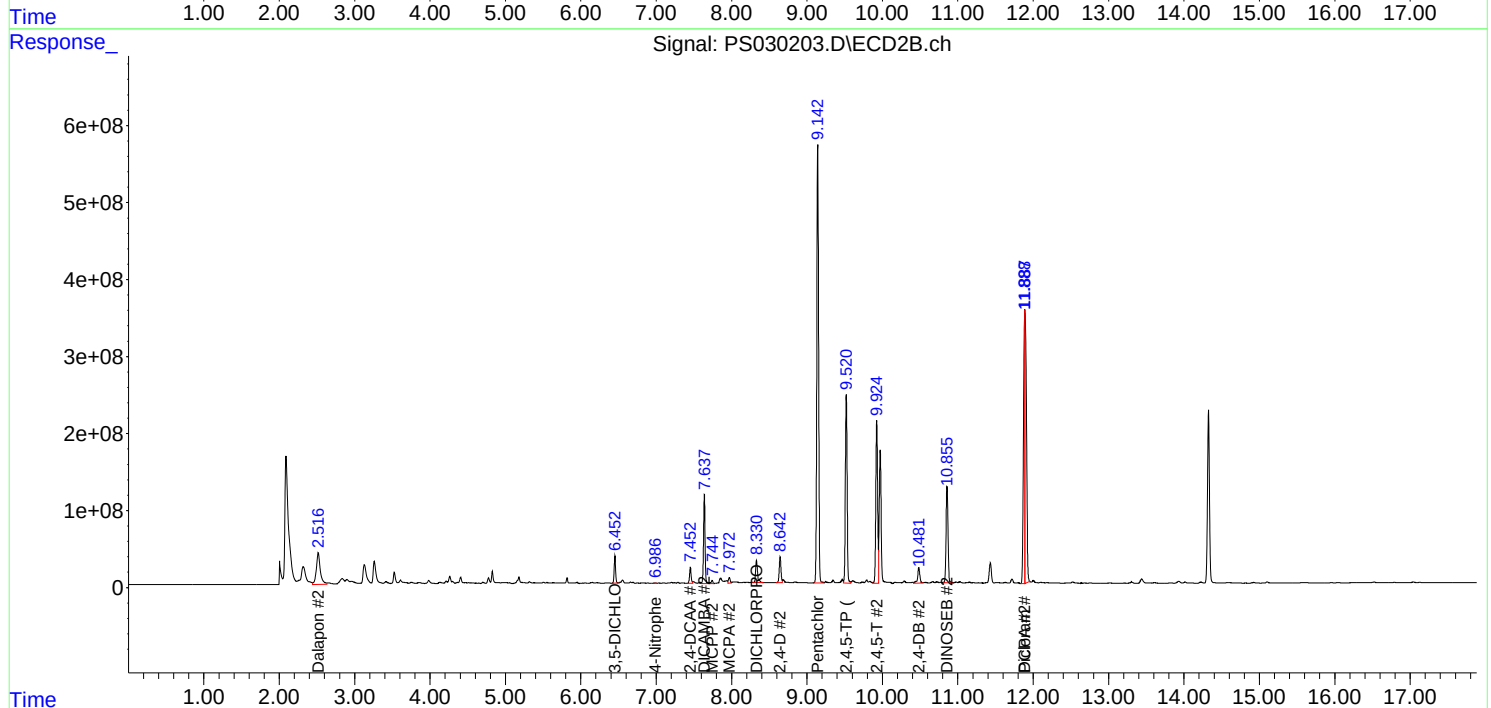
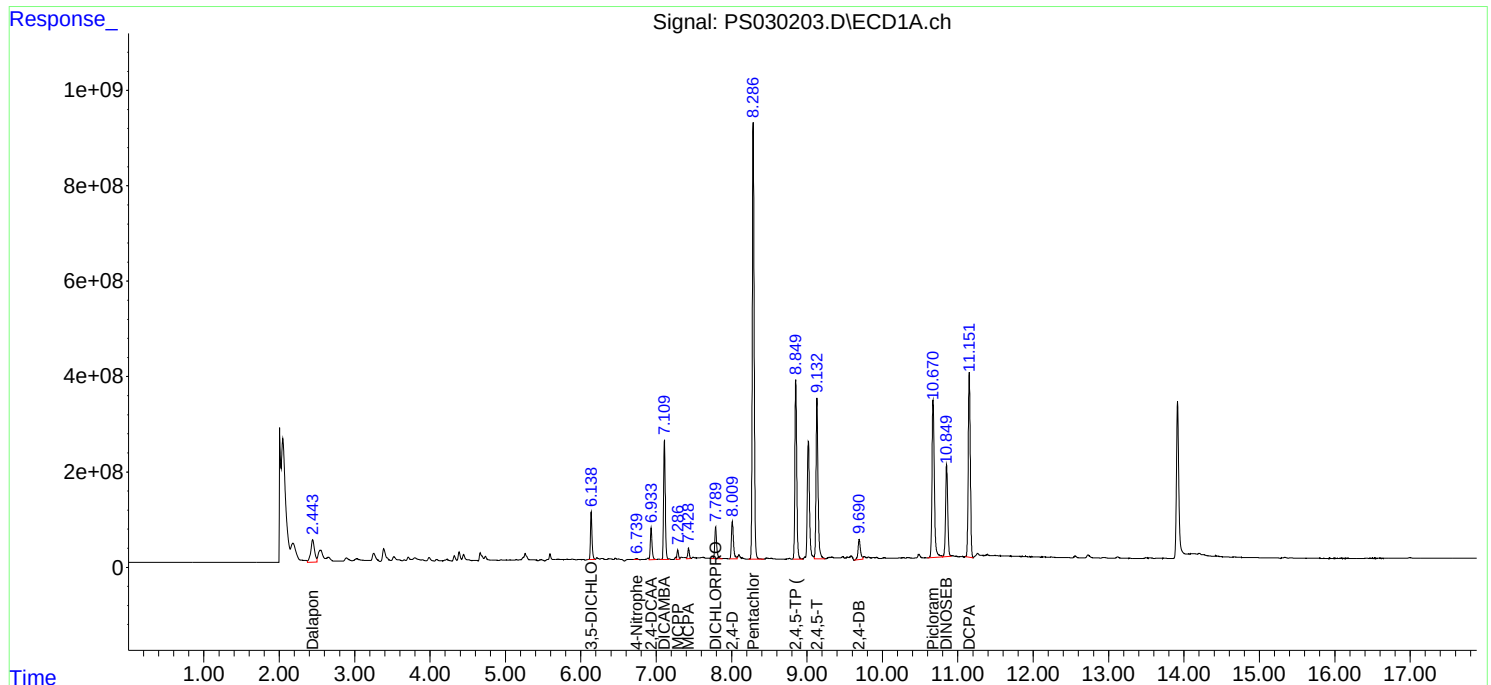
Instrument :
ECD_S
ClientSampleId :
WC-A4-03-CMS

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/15/2025
Supervised By : mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:41:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ENTACT	Date Collected:	05/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/09/25
Client Sample ID:	WC-A4-03-CMSD	SDG No.:	Q2001
Lab Sample ID:	Q2001-03MSD	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030204.D	1	05/13/25 11:30	05/14/25 23:30	PB167988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	43.8		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	40.6		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	390		70 (39) - 130 (175)	78%	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\PS051425\
 Data File : PS030204.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 23:30
 Operator : AR\AJ
 Sample : Q2001-03MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WC-A4-03-CMSD

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:41:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 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	6.933	7.453	1098.1E6	312.3E6	385.589	390.274
Target Compounds							
1) T	Dalapon	2.444	2.518	1626.0E6	1413.8E6	330.807	696.084 #
2) T	3,5-DICHL...	6.138	6.452	1439.5E6	465.9E6	345.154	399.648
3) T	4-Nitroph...	6.738	6.988	43457340	5238009	21.038m	5.017m#
5) T	DICAMBA	7.110	7.638	3892.2E6	1657.6E6	336.770	350.600
6) T	MCPD	7.287	7.744	283.6E6	59767726	38.940	32.487
7) T	MCPA	7.429	7.972	325.6E6	127.5E6	31.368	48.327 #
8) T	DICHLORPROP	7.789	8.331	1158.8E6	493.9E6	396.677	418.059
9) T	2,4-D	8.009	8.643	1434.6E6	551.1E6	437.529	427.069
10) T	Pentachlo...	8.287	9.143	15849.9E6	9476.7E6	391.348	383.906
11) T	2,4,5-TP ...	8.850	9.521	6568.8E6	3997.5E6	405.584	405.821
12) T	2,4,5-T	9.132	9.925	6404.3E6	3577.4E6	387.784	388.700
13) T	2,4-DB	9.691	10.482	944.6E6	409.5E6	361.944	412.599
14) T	DINOSEB	10.850	10.857	3818.7E6	2222.7E6	333.905	325.331
15) T	Picloram	10.671	11.886	7050.7E6	5583.7E6	329.673	396.760m
16) T	DCPA	11.151	11.886	7490.0E6	4017.2E6	376.163	297.341m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030204.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 23:30
Operator : AR\AJ
Sample : Q2001-03MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WC-A4-03-CMSD

Manual Integrations

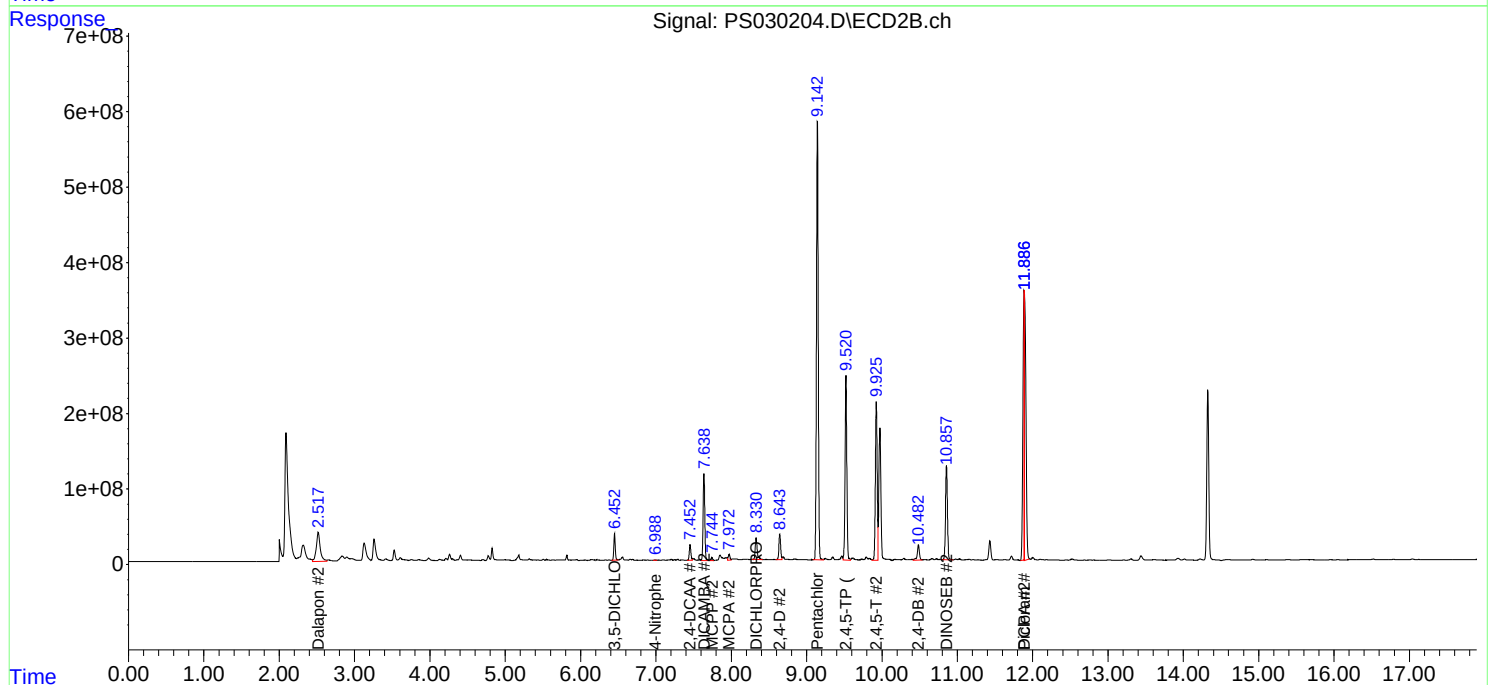
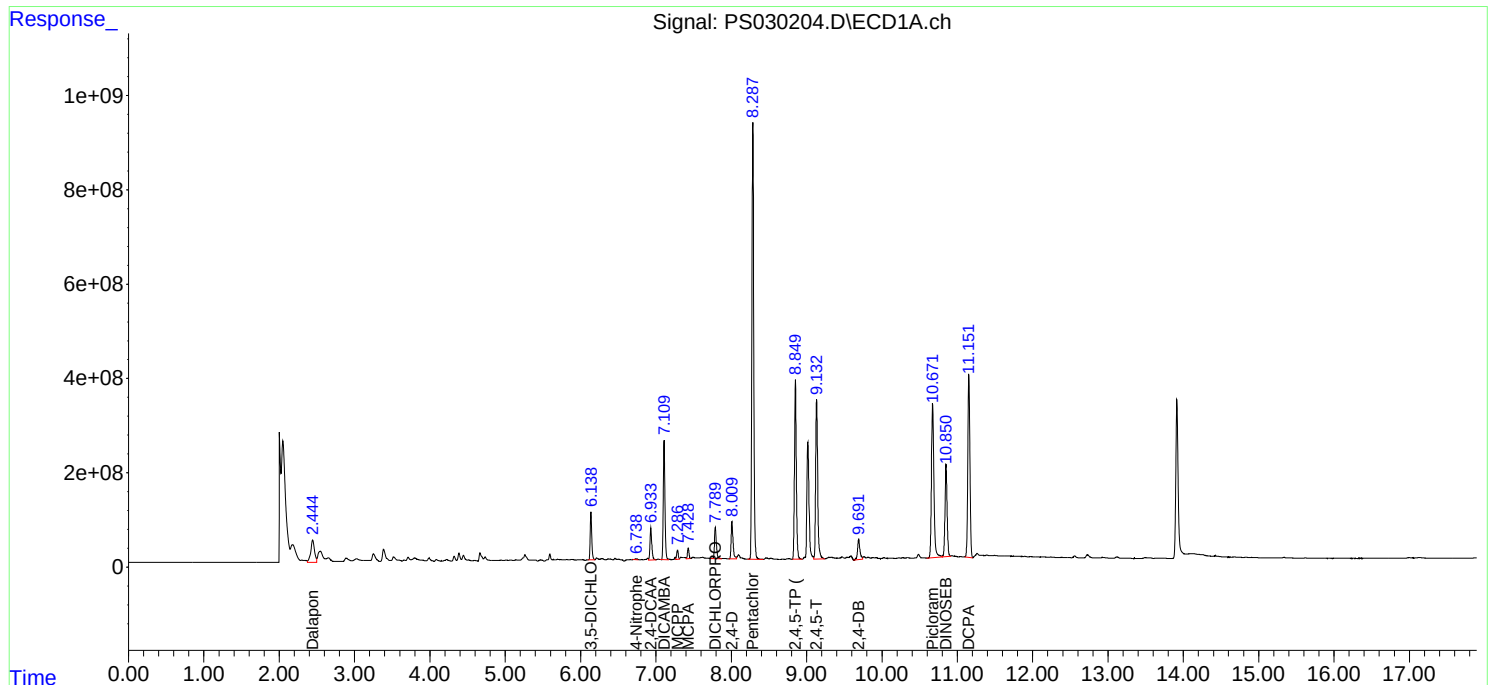
APPROVED

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:41:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PS051225	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS030125.D	DCPA #2	Abdul	5/13/2025 9:33:45 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC200	PS030125.D	Picloram #2	Abdul	5/13/2025 9:33:45 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC500	PS030126.D	DCPA #2	Abdul	5/13/2025 9:33:50 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC500	PS030126.D	Picloram #2	Abdul	5/13/2025 9:33:50 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC750	PS030127.D	DCPA #2	Abdul	5/13/2025 9:33:54 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC750	PS030127.D	Picloram #2	Abdul	5/13/2025 9:33:54 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1000	PS030128.D	DCPA #2	Abdul	5/13/2025 9:33:58 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1000	PS030128.D	Picloram #2	Abdul	5/13/2025 9:33:58 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1500	PS030129.D	DCPA #2	Abdul	5/13/2025 9:34:03 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1500	PS030129.D	Picloram #2	Abdul	5/13/2025 9:34:03 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICV750	PS030130.D	DCPA #2	Abdul	5/13/2025 9:34:08 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICV750	PS030130.D	Picloram #2	Abdul	5/13/2025 9:34:08 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030132.D	DCPA #2	Abdul	5/13/2025 9:34:12 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software

Manual Integration Report

Sequence:

PS051225

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030132.D	Picloram #2	Abdul	5/13/2025 9:34:12 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030138.D	DCPA #2	Abdul	5/13/2025 9:34:34 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030138.D	Picloram #2	Abdul	5/13/2025 9:34:34 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030146.D	DCPA #2	Abdul	5/13/2025 9:35:02 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030146.D	Picloram #2	Abdul	5/13/2025 9:35:02 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software

Manual Integration Report

Sequence:	PS051425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030168.D	2,4-DB #2	Abdul	5/15/2025 9:30:45 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030168.D	DCPA #2	Abdul	5/15/2025 9:30:45 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030168.D	Picloram #2	Abdul	5/15/2025 9:30:45 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030180.D	DCPA #2	Abdul	5/15/2025 7:47:51 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030180.D	Picloram #2	Abdul	5/15/2025 7:47:51 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030190.D	DCPA #2	Abdul	5/15/2025 9:31:42 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030190.D	Picloram #2	Abdul	5/15/2025 9:31:42 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
PB167988BL	PS030197.D	2,4-DCAA #2	Abdul	5/15/2025 9:31:52 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
PB167963TB	PS030199.D	2,4-DCAA #2	Abdul	5/15/2025 9:31:59 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030202.D	DCPA #2	Abdul	5/15/2025 9:32:02 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030202.D	Picloram #2	Abdul	5/15/2025 9:32:02 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
Q2001-03MS	PS030203.D	4-Nitrophenol	Abdul	5/15/2025 9:32:05 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
Q2001-03MS	PS030203.D	4-Nitrophenol #2	Abdul	5/15/2025 9:32:05 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software

Manual Integration Report

Sequence:	PS051425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2001-03MS	PS030203.D	DCPA #2	Abdul	5/15/2025 9:32:05 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
Q2001-03MS	PS030203.D	Picloram #2	Abdul	5/15/2025 9:32:05 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
Q2001-03MSD	PS030204.D	4-Nitrophenol	Abdul	5/15/2025 9:32:08 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
Q2001-03MSD	PS030204.D	4-Nitrophenol #2	Abdul	5/15/2025 9:32:08 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
Q2001-03MSD	PS030204.D	DCPA #2	Abdul	5/15/2025 9:32:08 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
Q2001-03MSD	PS030204.D	Picloram #2	Abdul	5/15/2025 9:32:08 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
Q2001-15	PS030207.D	2,4-DCAA #2	Abdul	5/15/2025 9:32:16 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030214.D	DCPA #2	Abdul	5/15/2025 9:32:34 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030214.D	Picloram #2	Abdul	5/15/2025 9:32:34 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030221.D	DCPA #2	Abdul	5/15/2025 9:32:57 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software
HSTDCCC750	PS030221.D	Picloram #2	Abdul	5/15/2025 9:32:57 AM	mohammad	5/16/2025 1:55:54	Peak Integrated by Software

Manual Integration Report

Sequence:	PS051525	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030224.D	DCPA #2	Abdul	5/16/2025 10:03:21 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030224.D	Picloram #2	Abdul	5/16/2025 10:03:21 AM	 	 	Peak Integrated by Software
PB167988BS	PS030226.D	DCPA #2	Abdul	5/16/2025 10:03:25 AM	 	 	Peak Integrated by Software
PB167988BS	PS030226.D	Picloram #2	Abdul	5/16/2025 10:03:25 AM	 	 	Peak Integrated by Software
I.BLK	PS030235.D	2,4-DCAA #2	Abdul	5/16/2025 10:03:48 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030236.D	DCPA #2	Abdul	5/16/2025 10:03:52 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030236.D	Picloram #2	Abdul	5/16/2025 10:03:52 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030248.D	DCPA #2	Abdul	5/16/2025 10:04:22 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030248.D	Picloram #2	Abdul	5/16/2025 10:04:22 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030256.D	DCPA #2	Abdul	5/16/2025 10:04:36 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030256.D	Picloram #2	Abdul	5/16/2025 10:04:36 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030123.D	12 May 2025 11:42	AR\AJ	Ok
2	I.BLK	PS030124.D	12 May 2025 12:06	AR\AJ	Ok
3	HSTDICC200	PS030125.D	12 May 2025 12:30	AR\AJ	Ok,M
4	HSTDICC500	PS030126.D	12 May 2025 12:54	AR\AJ	Ok,M
5	HSTDICC750	PS030127.D	12 May 2025 13:18	AR\AJ	Ok,M
6	HSTDICC1000	PS030128.D	12 May 2025 13:42	AR\AJ	Ok,M
7	HSTDICC1500	PS030129.D	12 May 2025 14:06	AR\AJ	Ok,M
8	HSTDICV750	PS030130.D	12 May 2025 14:30	AR\AJ	Ok,M
9	I.BLK	PS030131.D	12 May 2025 14:54	AR\AJ	Ok
10	HSTDCCC750	PS030132.D	12 May 2025 15:18	AR\AJ	Ok,M
11	Q1972-01	PS030133.D	12 May 2025 15:42	AR\AJ	ReRun
12	Q1972-01RE	PS030134.D	12 May 2025 16:58	AR\AJ	Confirms
13	Q1972-05	PS030135.D	12 May 2025 17:46	AR\AJ	Ok,M
14	Q1972-05RE	PS030136.D	12 May 2025 18:10	AR\AJ	Not Ok
15	I.BLK	PS030137.D	12 May 2025 18:34	AR\AJ	Ok
16	HSTDCCC750	PS030138.D	12 May 2025 18:58	AR\AJ	Ok,M
17	PB167968BL	PS030139.D	12 May 2025 19:46	AR\AJ	Ok,M
18	PB167968BS	PS030140.D	12 May 2025 20:10	AR\AJ	Ok,M
19	PB167851TB	PS030141.D	12 May 2025 20:34	AR\AJ	Ok
20	Q1956-05	PS030142.D	12 May 2025 20:59	AR\AJ	Ok,M
21	Q1956-05MS	PS030143.D	12 May 2025 21:23	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

22	Q1956-05MSD	PS030144.D	12 May 2025 21:47	AR\AJ	Ok,M
23	I.BLK	PS030145.D	12 May 2025 22:11	AR\AJ	Ok
24	HSTDCCC750	PS030146.D	12 May 2025 22:35	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:55:54 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030166.D	14 May 2025 08:16	AR\AJ	Ok
2	I.BLK	PS030167.D	14 May 2025 08:40	AR\AJ	Ok
3	HSTDCCC750	PS030168.D	14 May 2025 09:04	AR\AJ	Ok,M
4	Q2007-06RE	PS030169.D	14 May 2025 09:28	AR\AJ	Confirms
5	Q2007-12RE	PS030170.D	14 May 2025 09:52	AR\AJ	Confirms
6	Q2007-18RE	PS030171.D	14 May 2025 10:16	AR\AJ	Confirms
7	Q2007-24RE	PS030172.D	14 May 2025 10:40	AR\AJ	Confirms
8	Q2007-30RE	PS030173.D	14 May 2025 11:04	AR\AJ	Confirms
9	Q2007-36RE	PS030174.D	14 May 2025 11:28	AR\AJ	Confirms
10	Q1968-01	PS030175.D	14 May 2025 11:53	AR\AJ	Ok,M
11	Q1968-05	PS030176.D	14 May 2025 12:17	AR\AJ	Ok,M
12	Q2007-01	PS030177.D	14 May 2025 12:41	AR\AJ	Ok
13	Q2007-07	PS030178.D	14 May 2025 13:05	AR\AJ	Ok,M
14	I.BLK	PS030179.D	14 May 2025 13:29	AR\AJ	Ok
15	HSTDCCC750	PS030180.D	14 May 2025 13:53	AR\AJ	Ok,M
16	Q2007-13	PS030181.D	14 May 2025 14:17	AR\AJ	Ok,M
17	Q2007-19	PS030182.D	14 May 2025 14:41	AR\AJ	Ok,M
18	Q2007-25	PS030183.D	14 May 2025 15:05	AR\AJ	Ok,M
19	Q2007-31	PS030184.D	14 May 2025 15:29	AR\AJ	Ok,M
20	Q2007-07MS	PS030185.D	14 May 2025 15:53	AR\AJ	Ok,M
21	Q2007-07MSD	PS030186.D	14 May 2025 16:17	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:55:54 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

22	PB167976BL	PS030187.D	14 May 2025 16:41	AR\AJ	Ok
23	PB167976BS	PS030188.D	14 May 2025 17:05	AR\AJ	Ok,NR
24	I.BLK	PS030189.D	14 May 2025 17:29	AR\AJ	Ok
25	HSTDCCC750	PS030190.D	14 May 2025 17:53	AR\AJ	Ok,M
26	Q2004-01	PS030191.D	14 May 2025 18:17	AR\AJ	Ok
27	Q2004-03	PS030192.D	14 May 2025 18:41	AR\AJ	Ok
28	Q2004-05	PS030193.D	14 May 2025 19:05	AR\AJ	Ok
29	Q2004-07	PS030194.D	14 May 2025 19:29	AR\AJ	Ok
30	Q2004-09	PS030195.D	14 May 2025 19:54	AR\AJ	Ok,M
31	Q2004-11	PS030196.D	14 May 2025 20:18	AR\AJ	Ok,M
32	PB167988BL	PS030197.D	14 May 2025 20:42	AR\AJ	Ok,M
33	PB167988BS	PS030198.D	14 May 2025 21:06	AR\AJ	Not Ok
34	PB167963TB	PS030199.D	14 May 2025 21:30	AR\AJ	Ok,M
35	Q2001-03	PS030200.D	14 May 2025 21:54	AR\AJ	Ok
36	I.BLK	PS030201.D	14 May 2025 22:18	AR\AJ	Ok
37	HSTDCCC750	PS030202.D	14 May 2025 22:42	AR\AJ	Ok,M
38	Q2001-03MS	PS030203.D	14 May 2025 23:06	AR\AJ	Ok,M
39	Q2001-03MSD	PS030204.D	14 May 2025 23:30	AR\AJ	Ok,M
40	Q2001-07	PS030205.D	14 May 2025 23:54	AR\AJ	Ok
41	Q2001-11	PS030206.D	15 May 2025 00:18	AR\AJ	Ok
42	Q2001-15	PS030207.D	15 May 2025 00:42	AR\AJ	Ok,M
43	PB168003BL	PS030208.D	15 May 2025 01:06	AR\AJ	Ok
44	PB168003BS	PS030209.D	15 May 2025 01:30	AR\AJ	Ok,NR

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:55:54 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

45	PB168003BSD	PS030210.D	15 May 2025 01:54	AR\AJ	Ok,NR
46	Q2005-01	PS030211.D	15 May 2025 02:19	AR\AJ	Ok,M
47	Q2032-11	PS030212.D	15 May 2025 05:02	AR\AJ	Ok,M
48	I.BLK	PS030213.D	15 May 2025 05:26	AR\AJ	Ok
49	HSTDCCC750	PS030214.D	15 May 2025 05:50	AR\AJ	Ok,M
50	PB167976BL	PS030215.D	15 May 2025 06:13	AR\AJ	Ok,NR
51	PB167976BS	PS030216.D	15 May 2025 06:37	AR\AJ	Ok,NR
52	Q2017-01	PS030217.D	15 May 2025 07:01	AR\AJ	Ok,M
53	Q2017-05	PS030218.D	15 May 2025 07:25	AR\AJ	Ok,M
54	PB167979BS	PS030219.D	15 May 2025 07:49	AR\AJ	Not Ok
55	I.BLK	PS030220.D	15 May 2025 08:13	AR\AJ	Ok
56	HSTDCCC750	PS030221.D	15 May 2025 08:37	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051525

Review By	Abdul	Review On	5/16/2025 10:05:06 AM
Supervise By		Supervise On	
SubDirectory	PS051525	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030222.D	15 May 2025 09:02	AR\AJ	Ok
2	I.BLK	PS030223.D	15 May 2025 09:26	AR\AJ	Ok
3	HSTDCCC750	PS030224.D	15 May 2025 10:18	AR\AJ	Ok,NS
4	PB167976BS	PS030225.D	15 May 2025 10:42	AR\AJ	Ok,NS
5	PB167988BS	PS030226.D	15 May 2025 11:06	AR\AJ	Ok,NS
6	Q1982-01	PS030227.D	15 May 2025 11:39	AR\AJ	Ok,NS
7	Q1982-02	PS030228.D	15 May 2025 12:03	AR\AJ	Ok,NS
8	Q1982-03	PS030229.D	15 May 2025 12:27	AR\AJ	Ok,NS
9	Q1982-04	PS030230.D	15 May 2025 12:51	AR\AJ	Ok
10	Q1982-05	PS030231.D	15 May 2025 13:15	AR\AJ	Ok
11	Q1982-06	PS030232.D	15 May 2025 13:39	AR\AJ	Ok,NS
12	Q1982-07	PS030233.D	15 May 2025 14:04	AR\AJ	Ok
13	Q1982-08	PS030234.D	15 May 2025 14:28	AR\AJ	Ok,NS
14	I.BLK	PS030235.D	15 May 2025 15:42	AR\AJ	Ok,NS
15	HSTDCCC750	PS030236.D	15 May 2025 16:06	AR\AJ	Ok,NS
16	Q1982-08MS	PS030237.D	15 May 2025 16:30	AR\AJ	Ok,NS
17	Q1982-08MSD	PS030238.D	15 May 2025 16:54	AR\AJ	Ok,NS
18	Q2010-01	PS030239.D	15 May 2025 17:18	AR\AJ	Ok,NS
19	Q2010-02	PS030240.D	15 May 2025 17:43	AR\AJ	Ok,NS
20	Q2010-03	PS030241.D	15 May 2025 18:07	AR\AJ	Ok
21	Q2010-04	PS030242.D	15 May 2025 18:31	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS051525

Review By	Abdul	Review On	5/16/2025 10:05:06 AM
Supervise By		Supervise On	
SubDirectory	PS051525	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

22	Q2019-01	PS030243.D	15 May 2025 18:55	AR\AJ	Ok,NS
23	Q2020-01	PS030244.D	15 May 2025 19:19	AR\AJ	Ok,NS
24	Q1984-01	PS030245.D	15 May 2025 19:43	AR\AJ	Ok
25	Q1984-03	PS030246.D	15 May 2025 20:07	AR\AJ	Ok,NS
26	I.BLK	PS030247.D	15 May 2025 20:31	AR\AJ	Ok
27	HSTDCCC750	PS030248.D	15 May 2025 20:55	AR\AJ	Ok,NS
28	Q1984-05	PS030249.D	15 May 2025 21:19	AR\AJ	Ok
29	Q1984-07	PS030250.D	15 May 2025 21:43	AR\AJ	Ok,NS
30	Q1984-09	PS030251.D	15 May 2025 22:08	AR\AJ	Ok,NS
31	Q1984-11	PS030252.D	15 May 2025 22:32	AR\AJ	Ok,NS
32	Q1984-13	PS030253.D	15 May 2025 22:56	AR\AJ	Ok
33	Q1984-15	PS030254.D	15 May 2025 23:20	AR\AJ	Ok
34	I.BLK	PS030255.D	15 May 2025 23:44	AR\AJ	Ok
35	HSTDCCC750	PS030256.D	16 May 2025 00:08	AR\AJ	Ok,NS

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 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	PS030123.D	12 May 2025 11:42		AR\AJ	Ok
2	I.BLK	I.BLK	PS030124.D	12 May 2025 12:06		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS030125.D	12 May 2025 12:30		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS030126.D	12 May 2025 12:54		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS030127.D	12 May 2025 13:18		AR\AJ	Ok,M
6	HSTDICC1000	HSTDICC1000	PS030128.D	12 May 2025 13:42		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS030129.D	12 May 2025 14:06		AR\AJ	Ok,M
8	HSTDICV750	ICVPS051225	PS030130.D	12 May 2025 14:30		AR\AJ	Ok,M
9	I.BLK	I.BLK	PS030131.D	12 May 2025 14:54		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS030132.D	12 May 2025 15:18		AR\AJ	Ok,M
11	Q1972-01	SUB-WC	PS030133.D	12 May 2025 15:42	Surrogate high in both column	AR\AJ	ReRun
12	Q1972-01RE	SUB-WCRE	PS030134.D	12 May 2025 16:58	Surrogate high in both column	AR\AJ	Confirms
13	Q1972-05	WC-B-10	PS030135.D	12 May 2025 17:46		AR\AJ	Ok,M
14	Q1972-05RE	WC-B-10RE	PS030136.D	12 May 2025 18:10	not needed	AR\AJ	Not Ok
15	I.BLK	I.BLK	PS030137.D	12 May 2025 18:34		AR\AJ	Ok
16	HSTDCCC750	HSTDCCC750	PS030138.D	12 May 2025 18:58		AR\AJ	Ok,M
17	PB167968BL	PB167968BL	PS030139.D	12 May 2025 19:46		AR\AJ	Ok,M
18	PB167968BS	PB167968BS	PS030140.D	12 May 2025 20:10		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

19	PB167851TB	PB167851TB	PS030141.D	12 May 2025 20:34		AR\AJ	Ok
20	Q1956-05	COMP1	PS030142.D	12 May 2025 20:59		AR\AJ	Ok,M
21	Q1956-05MS	COMP1MS	PS030143.D	12 May 2025 21:23	Comp#1,6,14 recovery fail	AR\AJ	Ok,M
22	Q1956-05MSD	COMP1MSD	PS030144.D	12 May 2025 21:47	Comp#1,6,14 recovery fail	AR\AJ	Ok,M
23	I.BLK	I.BLK	PS030145.D	12 May 2025 22:11		AR\AJ	Ok
24	HSTDCCC750	HSTDCCC750	PS030146.D	12 May 2025 22:35		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:55:54 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	PS030166.D	14 May 2025 08:16		AR\AJ	Ok
2	I.BLK	I.BLK	PS030167.D	14 May 2025 08:40		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030168.D	14 May 2025 09:04		AR\AJ	Ok,M
4	Q2007-06RE	OR-636-COMP-10RE	PS030169.D	14 May 2025 09:28	Surrogate high in 1st column	AR\AJ	Confirms
5	Q2007-12RE	OR-636-COMP-11RE	PS030170.D	14 May 2025 09:52	Surrogate high in 1st column	AR\AJ	Confirms
6	Q2007-18RE	OR-636-COMP-12RE	PS030171.D	14 May 2025 10:16	Surrogate high in 1st column	AR\AJ	Confirms
7	Q2007-24RE	OR-636-COMP-13RE	PS030172.D	14 May 2025 10:40	Surrogate high in 1st column	AR\AJ	Confirms
8	Q2007-30RE	OR-636-COMP-14RE	PS030173.D	14 May 2025 11:04	Surrogate high in 1st column	AR\AJ	Confirms
9	Q2007-36RE	OR-636-COMP-15RE	PS030174.D	14 May 2025 11:28	Surrogate high in 1st column	AR\AJ	Confirms
10	Q1968-01	MH-N	PS030175.D	14 May 2025 11:53		AR\AJ	Ok,M
11	Q1968-05	MH-M	PS030176.D	14 May 2025 12:17		AR\AJ	Ok,M
12	Q2007-01	OR-636-COMP-10	PS030177.D	14 May 2025 12:41		AR\AJ	Ok
13	Q2007-07	OR-636-COMP-11	PS030178.D	14 May 2025 13:05		AR\AJ	Ok,M
14	I.BLK	I.BLK	PS030179.D	14 May 2025 13:29		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS030180.D	14 May 2025 13:53		AR\AJ	Ok,M
16	Q2007-13	OR-636-COMP-12	PS030181.D	14 May 2025 14:17		AR\AJ	Ok,M
17	Q2007-19	OR-636-COMP-13	PS030182.D	14 May 2025 14:41		AR\AJ	Ok,M
18	Q2007-25	OR-636-COMP-14	PS030183.D	14 May 2025 15:05		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:55:54 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	Q2007-31	OR-636-COMP-15	PS030184.D	14 May 2025 15:29		AR\AJ	Ok,M
20	Q2007-07MS	OR-636-COMP-11MS	PS030185.D	14 May 2025 15:53	some compound recovery fail	AR\AJ	Ok,M
21	Q2007-07MSD	OR-636-COMP-11MSD	PS030186.D	14 May 2025 16:17	some compound recovery fail	AR\AJ	Ok,M
22	PB167976BL	PB167976BL	PS030187.D	14 May 2025 16:41		AR\AJ	Ok
23	PB167976BS	PB167976BS	PS030188.D	14 May 2025 17:05		AR\AJ	Ok,NR
24	I.BLK	I.BLK	PS030189.D	14 May 2025 17:29		AR\AJ	Ok
25	HSTDCCC750	HSTDCCC750	PS030190.D	14 May 2025 17:53		AR\AJ	Ok,M
26	Q2004-01	VNJ-220	PS030191.D	14 May 2025 18:17		AR\AJ	Ok
27	Q2004-03	2811	PS030192.D	14 May 2025 18:41		AR\AJ	Ok
28	Q2004-05	R0202	PS030193.D	14 May 2025 19:05		AR\AJ	Ok
29	Q2004-07	205510	PS030194.D	14 May 2025 19:29		AR\AJ	Ok
30	Q2004-09	SOIL-STOCK	PS030195.D	14 May 2025 19:54		AR\AJ	Ok,M
31	Q2004-11	STONE-STOCK	PS030196.D	14 May 2025 20:18		AR\AJ	Ok,M
32	PB167988BL	PB167988BL	PS030197.D	14 May 2025 20:42		AR\AJ	Ok,M
33	PB167988BS	PB167988BS	PS030198.D	14 May 2025 21:06	Looks like BL	AR\AJ	Not Ok
34	PB167963TB	PB167963TB	PS030199.D	14 May 2025 21:30		AR\AJ	Ok,M
35	Q2001-03	WC-A4-03-C	PS030200.D	14 May 2025 21:54		AR\AJ	Ok
36	I.BLK	I.BLK	PS030201.D	14 May 2025 22:18		AR\AJ	Ok
37	HSTDCCC750	HSTDCCC750	PS030202.D	14 May 2025 22:42		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:55:54 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	Q2001-03MS	WC-A4-03-CMS	PS030203.D	14 May 2025 23:06	Comp#1,8,14 recovery fail	AR\AJ	Ok,M
39	Q2001-03MSD	WC-A4-03-CMSD	PS030204.D	14 May 2025 23:30	Comp#1,8,14 recovery fail	AR\AJ	Ok,M
40	Q2001-07	WC-A1-05-C	PS030205.D	14 May 2025 23:54		AR\AJ	Ok
41	Q2001-11	WC-A1-06-C	PS030206.D	15 May 2025 00:18		AR\AJ	Ok
42	Q2001-15	WC-A1-07-C	PS030207.D	15 May 2025 00:42		AR\AJ	Ok,M
43	PB168003BL	PB168003BL	PS030208.D	15 May 2025 01:06		AR\AJ	Ok
44	PB168003BS	PB168003BS	PS030209.D	15 May 2025 01:30		AR\AJ	Ok,NR
45	PB168003BSD	PB168003BSD	PS030210.D	15 May 2025 01:54		AR\AJ	Ok,NR
46	Q2005-01	252806	PS030211.D	15 May 2025 02:19		AR\AJ	Ok,M
47	Q2032-11	FB-05132025	PS030212.D	15 May 2025 05:02		AR\AJ	Ok,M
48	I.BLK	I.BLK	PS030213.D	15 May 2025 05:26		AR\AJ	Ok
49	HSTDCCC750	HSTDCCC750	PS030214.D	15 May 2025 05:50		AR\AJ	Ok,M
50	PB167976BL	PB167976BL	PS030215.D	15 May 2025 06:13		AR\AJ	Ok,NR
51	PB167976BS	PB167976BS	PS030216.D	15 May 2025 06:37		AR\AJ	Ok,NR
52	Q2017-01	MH-I	PS030217.D	15 May 2025 07:01		AR\AJ	Ok,M
53	Q2017-05	MH-J	PS030218.D	15 May 2025 07:25		AR\AJ	Ok,M
54	PB167979BS	PB167979BS	PS030219.D	15 May 2025 07:49	typo	AR\AJ	Not Ok
55	I.BLK	I.BLK	PS030220.D	15 May 2025 08:13		AR\AJ	Ok
56	HSTDCCC750	HSTDCCC750	PS030221.D	15 May 2025 08:37		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/16/2025 1:55:54 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051525

Review By	Abdul	Review On	5/16/2025 10:05:06 AM
Supervise By		Supervise On	
SubDirectory	PS051525	HP Acquire Method	HP Processing Method ps051225 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	PS030222.D	15 May 2025 09:02		AR\AJ	Ok
2	I.BLK	I.BLK	PS030223.D	15 May 2025 09:26		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030224.D	15 May 2025 10:18		AR\AJ	Ok,NS
4	PB167976BS	PB167976BS	PS030225.D	15 May 2025 10:42		AR\AJ	Ok,NS
5	PB167988BS	PB167988BS	PS030226.D	15 May 2025 11:06		AR\AJ	Ok,NS
6	Q1982-01	TP-1	PS030227.D	15 May 2025 11:39		AR\AJ	Ok,NS
7	Q1982-02	TP-2B	PS030228.D	15 May 2025 12:03		AR\AJ	Ok,NS
8	Q1982-03	TP-3	PS030229.D	15 May 2025 12:27		AR\AJ	Ok,NS
9	Q1982-04	TP-4	PS030230.D	15 May 2025 12:51		AR\AJ	Ok
10	Q1982-05	TP-5	PS030231.D	15 May 2025 13:15		AR\AJ	Ok
11	Q1982-06	TP-6	PS030232.D	15 May 2025 13:39		AR\AJ	Ok,NS
12	Q1982-07	TP-8	PS030233.D	15 May 2025 14:04		AR\AJ	Ok
13	Q1982-08	TP-9	PS030234.D	15 May 2025 14:28		AR\AJ	Ok,NS
14	I.BLK	I.BLK	PS030235.D	15 May 2025 15:42		AR\AJ	Ok,NS
15	HSTDCCC750	HSTDCCC750	PS030236.D	15 May 2025 16:06		AR\AJ	Ok,NS
16	Q1982-08MS	TP-9MS	PS030237.D	15 May 2025 16:30		AR\AJ	Ok,NS
17	Q1982-08MSD	TP-9MSD	PS030238.D	15 May 2025 16:54		AR\AJ	Ok,NS
18	Q2010-01	TP-10	PS030239.D	15 May 2025 17:18		AR\AJ	Ok,NS

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051525

Review By	Abdul	Review On	5/16/2025 10:05:06 AM
Supervise By		Supervise On	
SubDirectory	PS051525	HP Acquire Method	HP Processing Method ps051225 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	Q2010-02	TP-13	PS030240.D	15 May 2025 17:43		AR\AJ	Ok,NS
20	Q2010-03	TP-14	PS030241.D	15 May 2025 18:07		AR\AJ	Ok
21	Q2010-04	TP-17	PS030242.D	15 May 2025 18:31		AR\AJ	Ok
22	Q2019-01	MH-K	PS030243.D	15 May 2025 18:55		AR\AJ	Ok,NS
23	Q2020-01	TP-A	PS030244.D	15 May 2025 19:19		AR\AJ	Ok,NS
24	Q1984-01	OU4-PCS-TC-33-05072	PS030245.D	15 May 2025 19:43		AR\AJ	Ok
25	Q1984-03	OU4-PCS-TC-34-05072	PS030246.D	15 May 2025 20:07		AR\AJ	Ok,NS
26	I.BLK	I.BLK	PS030247.D	15 May 2025 20:31		AR\AJ	Ok
27	HSTDCCC750	HSTDCCC750	PS030248.D	15 May 2025 20:55		AR\AJ	Ok,NS
28	Q1984-05	OU4-PCS-TC-35-05072	PS030249.D	15 May 2025 21:19		AR\AJ	Ok
29	Q1984-07	OU4-TS-24-050725	PS030250.D	15 May 2025 21:43		AR\AJ	Ok,NS
30	Q1984-09	OU4-TS-25-050725	PS030251.D	15 May 2025 22:08		AR\AJ	Ok,NS
31	Q1984-11	OU4-TS-26-050725	PS030252.D	15 May 2025 22:32		AR\AJ	Ok,NS
32	Q1984-13	OU4-TS-27-050725	PS030253.D	15 May 2025 22:56		AR\AJ	Ok
33	Q1984-15	OU4-TS-28-050725	PS030254.D	15 May 2025 23:20		AR\AJ	Ok
34	I.BLK	I.BLK	PS030255.D	15 May 2025 23:44		AR\AJ	Ok
35	HSTDCCC750	HSTDCCC750	PS030256.D	16 May 2025 00:08		AR\AJ	Ok,NS

M : Manual Integration

SOP ID : M1311-TCLP-15
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
Pipette ID : WC
Tumbler ID : T-1
TCLP Filter ID : 115525

Start Prep Date : 05/12/2025 Time : 15:00
End Prep Date : 05/13/2025 Time : 09:15
Combination Ratio : 20
ZHE Cleaning Batch : ⁷⁰N/A
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *JP*
Supervisor By : *12*

Standard 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 filtration and before preservation. TUMBLER T-1 checked,30 rpm. q2017-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/13/25 12:00	<i>JP</i> 11220 Aoom	<i>SKS. RS</i> 1 E-1
	Preparation Group	Analysis Group <i>mayday</i>

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
PB167963TB	LEB963	07	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2001-03	WC-A4-03-C	01	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2001-07	WC-A1-05-C	02	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2001-11	WC-A1-06-C	03	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2001-15	WC-A1-07-C	04	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2017-04	MH-I	05	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q2017-08	MH-J	06	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
PB167963TB	LEB963	N/A	N/A	N/A	N/A	N/A	N/A
Q2001-03	WC-A4-03-C	N/A	N/A	N/A	N/A	100	N/A
Q2001-07	WC-A1-05-C	N/A	N/A	N/A	N/A	100	N/A
Q2001-11	WC-A1-06-C	N/A	N/A	N/A	N/A	100	N/A
Q2001-15	WC-A1-07-C	N/A	N/A	N/A	N/A	100	N/A
Q2017-04	MH-I	N/A	N/A	N/A	N/A	100	N/A
Q2017-08	MH-J	N/A	N/A	N/A	N/A	100	N/A

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
PB167963TB	LEB963	N/A	N/A	N/A	N/A	#1	4.93
Q2001-03	WC-A4-03-C	5.02	96.5	12.0	4.5	#1	4.93
Q2001-07	WC-A1-05-C	5.03	96.5	12.0	4.5	#1	4.93
Q2001-11	WC-A1-06-C	5.04	96.5	12.0	4.5	#1	4.93
Q2001-15	WC-A1-07-C	5.02	96.5	12.5	4.5	#1	4.93
Q2017-04	MH-I	5.03	96.5	7.2	3.0	#1	4.93
Q2017-08	MH-J	5.02	96.5	8.0	3.5	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2001

WorkList ID : 189459

Department : TCLP Extraction

Date : 05-12-2025 12:57:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2001-03	WC-A4-03-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L61	05/06/2025	1311
Q2001-07	WC-A1-05-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L61	05/07/2025	1311
Q2001-11	WC-A1-06-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L61	05/08/2025	1311
Q2001-15	WC-A1-07-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L61	05/08/2025	1311
Q2017-04	MH-I	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/12/2025	1311
Q2017-08	MH-J	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/12/2025	1311

Date/Time 05/12/25 13:15

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 05/12/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Extraction Start Date : 05/13/2025

Matrix : Water

Extraction Start Time : 11:30

Weigh By: N/A

Extraction By: RS

Extraction End Date : 05/13/2025

Balance check: N/A

Filter By: EH

Extraction End Time : 18:10

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 4,7

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24484
Surrogate	1.0ML	5000 PPB	PP24552
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	E3881
Acidified Na2SO4	N/A	EP2576
12N H2SO4	N/A	EP2605
NAOH 6N	N/A	EP2606
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2608
Hexane	N/A	E3934
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

Envap ID: NEVAP-02

KD Bath Temperature: N/A

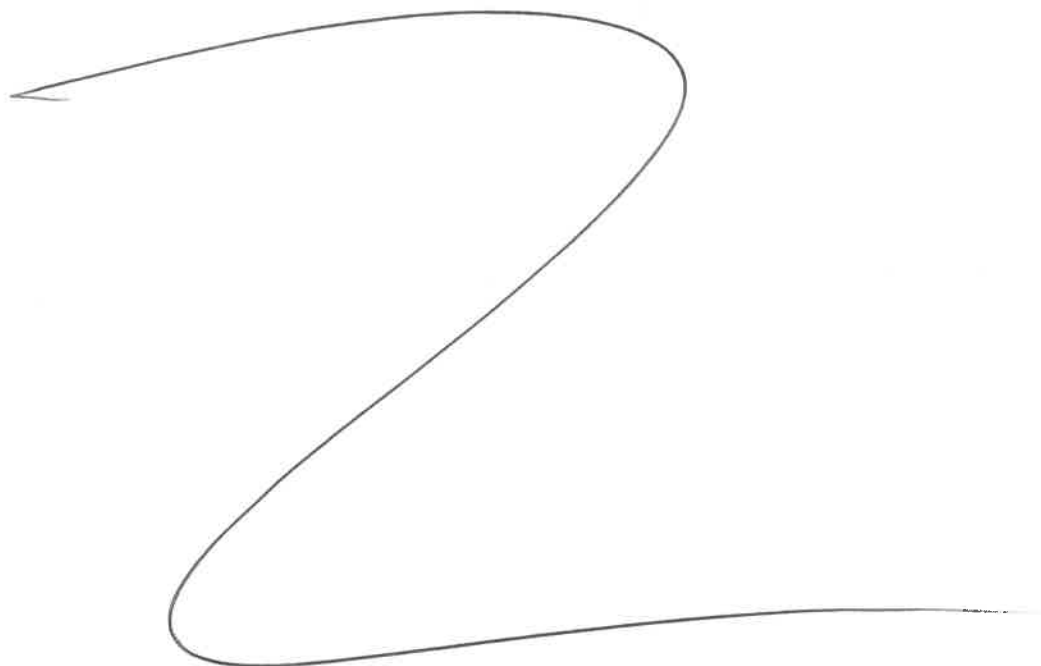
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/13/25 18:15	RS (E4 Lab)	Y-P-pest/PCB
	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/13/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167963TB	PB167963TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			SEP-1
PB167988BL	HBLK988	TCLP Herbicide	1000	6	RUPESH	ritesh	10			2
PB167988BS	HLCS988	TCLP Herbicide	1000	6	RUPESH	ritesh	10			3
Q2001-03	WC-A4-03-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		4
Q2001-03MS	WC-A4-03-CMS	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		5
Q2001-03MS D	WC-A4-03-CMSD	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		6
Q2001-07	WC-A1-05-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		7
Q2001-11	WC-A1-06-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		8
Q2001-15	WC-A1-07-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		9



RG
5/13



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2001

COC Number: 2042113

Page 2 of 2

CLIENT INFORMATION			PROJECT INFORMATION					BILLING INFORMATION													
COMPANY: ENTACT, LLC			PROJECT NAME: 540 Degraw St Brooklyn, NY					BILL TO: ENTACT, LLC PO# E9309													
ADDRESS: 150 Bay Street, Suite 806			PROJECT #: E9309 LOCATION: Brooklyn, NY					ADDRESS: 999 Oakmont Plaza Drive, Suite 300													
CITY: Jersey City STATE: NJ ZIP: 07302			PROJECT MANAGER: Austin Farmerie					CITY: Westmont STATE: IL ZIP: 60559													
ATTENTION: Austin Farmerie			E-MAIL: afarmerie@entact.com					ATTENTION: Wendy Murray PHONE: 800-936-8228													
PHONE: 412-716-1366 FAX:			PHONE: 412-716-1366 FAX:																		
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION					ANALYSIS													
FAX: 3 DAYS*			☐ RESEULTS ONLY ☐ USEPA CLP					ASTM COD ASTM Ammonia Nitrogen ASTM O&G ASTM TS TS, TVS pH Paint Filter													
HARD COPY: 3 DAYS*			☐ RESULTS + QC ☐ New York State ASP "B"																		
EDD: 3 DAYS*			☐ New Jersey REDUCED ☐ New York State ASP "A"																		
* TO BE APPROVED BY ALLIANCE			☐ New Jersey CLP ☐ Other																		
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS			☐ EDD Format																		
CHEMTECH SAMPLE ID			PROJECT SAMPLE IDENTIFICATION			SAMPLE MATRIX		SAMPLE TYPE		SAMPLE COLLECTION		PRESERVATIVES		COMMENTS							
								COMP GRAB		DATE TIME		# of Bottles		E E E E E E E		1 2 3 4 5 6 7 8 9					
1.			WC-A4-03-G			Soil				X 5/6 12:00		1									
2.			WC-A4-03-C			Soil		X		5/6 12:00		11		X X X X X X X							
3.			WC-A1-05-G			Soil				X 5/7 12:00		1									
4.			WC-A1-05-C			Soil		X		5/7 12:00		11		X X X X X X X							
5.			WC-A1-06-G			Soil				X 5/8 12:00		1									
6.			WC-A1-06-C			Soil		X		5/8 12:00		11		X X X X X X X							
7.			WC-A1-07-G			Soil				X 5/8 12:00		1									
8.			WC-A1-07-C			Soil		X		5/8 12:00		11		X X X X X X X							
9.																					
10.																					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY																					
RELINQUISHED BY SAMPLER			DATE/TIME			RECEIVED BY			Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.8°C												
1. Austin Farmerie						1. [Signature]			Comments: Temp 3.8°C Adjustment factor +10 IR Gun #1.												
RELINQUISHED BY			DATE/TIME			RECEIVED BY															
2.						2.															
RELINQUISHED BY			DATE/TIME			RECEIVED FOR LAB BY			SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight												
3. [Signature]			5-9-25			3.			ALLIANCE: ☐ Picked Up ☐ Overnight												
SHIPMENT COMPLETE ☐ YES ☐ NO																					
WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY																					



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CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2001

COC Number: 2042113

Page 1 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/C/R	PCBs	Oil & Grease
1	2	3	4	5	6	7	8	9

DATA TURNAROUND INFORMATION

FAX: _____ 3 _____ DAYS*
HARD COPY: _____ DAYS*
EDD _____ 3 _____ DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E	
1.	WC-A4-03-G	Soil		X	5/6	12:00	1	X									
2.	WC-A4-03-C	Soil	X		5/6	12:00	11		X	X	X	X	X	X	X	X	
3.	WC-A1-05-G	Soil		X	5/7	12:00	1	X									
4.	WC-A1-05-C	Soil	X		5/7	12:00	11		X	X	X	X	X	X	X	X	
5.	WC-A1-06-G	Soil		X	5/8	12:00	1	X									
6.	WC-A1-06-C	Soil	X		5/8	12:00	11		X	X	X	X	X	X	X	X	
7.	WC-A1-07-G	Soil		X	5/8	12:00	1	X									
8.	WC-A1-07-C	Soil	X		5/8	12:00	11		X	X	X	X	X	X	X	X	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 5/9 12:00	RECEIVED BY 1.	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp <u>3.8°</u> ☐ Ice in Cooler?: _____
RELINQUISHED BY 2.	DATE/TIME 5/9 12:00	RECEIVED BY 2.	Comments: Temp 3.8° C Adjustment factor +1 DIR Gun #1.
RELINQUISHED BY 3.	DATE/TIME 5/9 12:00	RECEIVED FOR LAB BY 3.	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

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