

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052325\
 Data File : PS030375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2025 12:15
 Operator : AR\AJ
 Sample : PB168133BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168133BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/27/2025
 Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 13:20:17 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	6.928	7.444	1595.3E6	430.0E6	560.187	537.335
Target Compounds							
1) T	Dalapon	2.443	2.516	2332.2E6	924.8E6	474.475	455.324
2) T	3,5-DICHL...	6.134	6.446	2168.2E6	551.4E6	519.882	472.942
3) T	4-Nitroph...	6.719	6.980	1040.6E6	455.9E6	503.784	436.653
5) T	DICAMBA	7.104	7.630	6121.6E6	2419.2E6	529.670	511.669
6) T	MCPD	7.282	7.736	385.2E6	91519247	52.889	49.745
7) T	MCPA	7.424	7.965	519.9E6	132.4E6	50.083	50.184
8) T	DICHLORPROP	7.784	8.321	1549.0E6	605.0E6	530.239	512.112
9) T	2,4-D	8.005	8.633	1740.9E6	671.3E6	530.933	520.190
10) T	Pentachlo...	8.280	9.131	22472.7E6	13203.2E6	554.871	534.869
11) T	2,4,5-TP ...	8.843	9.510	8856.8E6	5197.1E6	546.854m	527.606
12) T	2,4,5-T	9.125	9.913	8984.3E6	4786.6E6	544.001	520.084
13) T	2,4-DB	9.683	10.471	1456.6E6	451.3E6	558.142	454.803
14) T	DINOSEB	10.842	10.844	6093.8E6	3452.4E6	532.846	505.327
15) T	Picloram	10.664	11.881	11486.0E6	6170.7E6	537.055	438.471m
16) T	DCPA	11.144	11.876	10956.0E6	6901.1E6	550.234	510.794m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052325\
Data File : PS030375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 May 2025 12:15
Operator : AR\AJ
Sample : PB168133BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

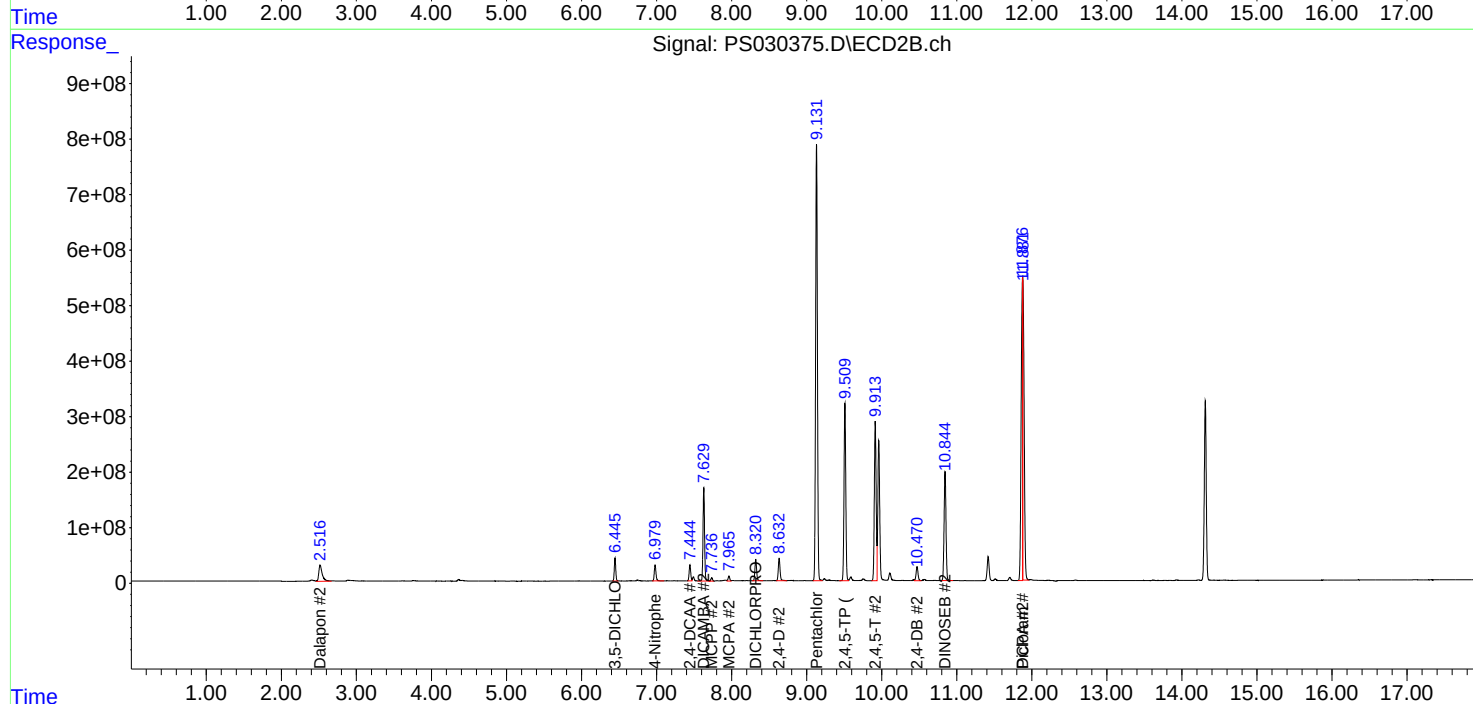
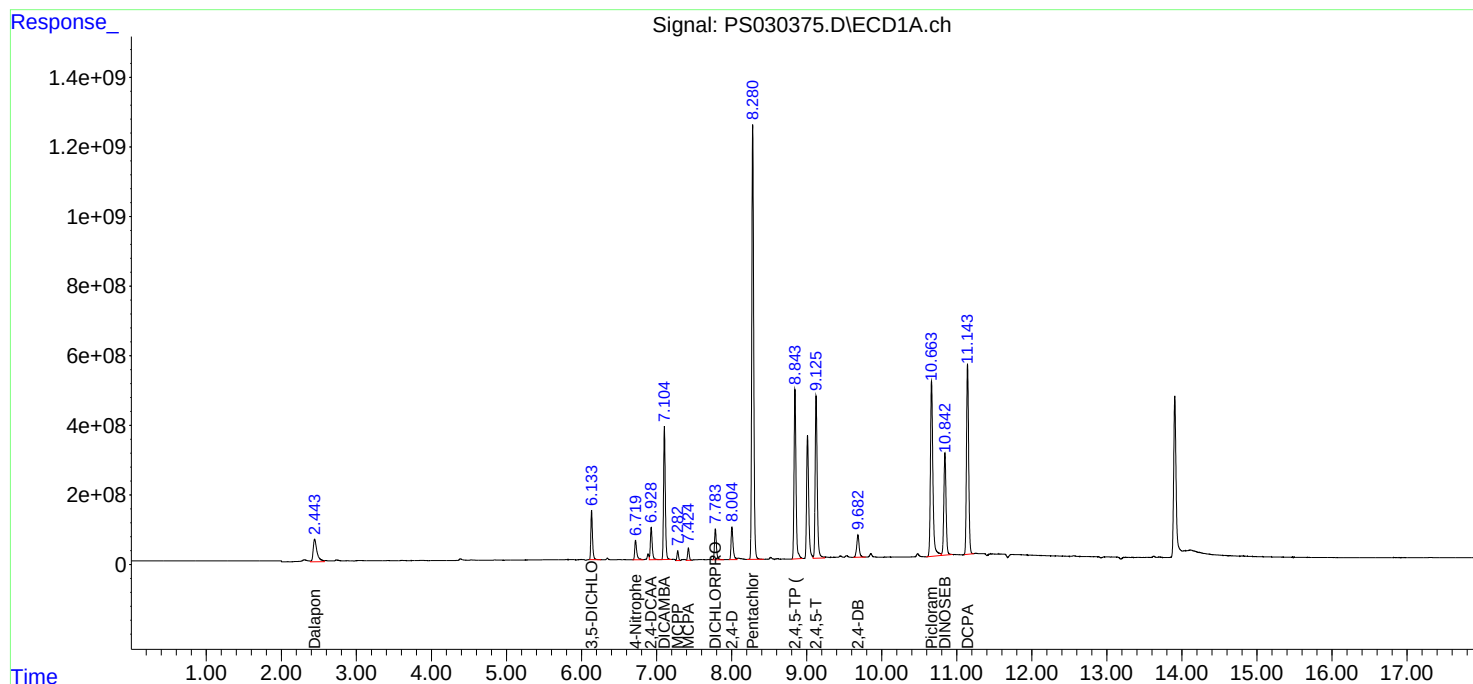
Instrument :
ECD_S
ClientSampleId :
PB168133BSD

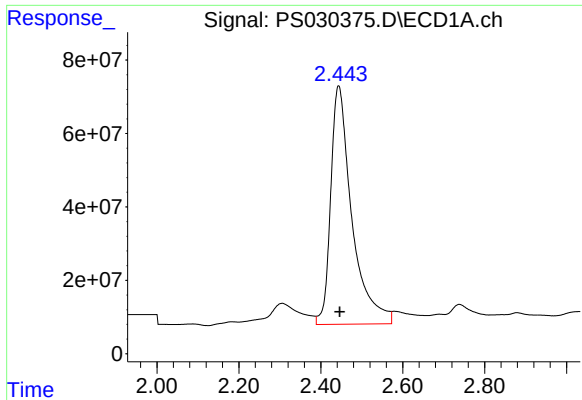
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 13:20:17 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





#1 Dalapon

R.T.: 2.443 min
Delta R.T.: -0.003 min
Response: 2332213047
Conc: 474.47 ng/ml

Instrument :

ECD_S

ClientSampleId :

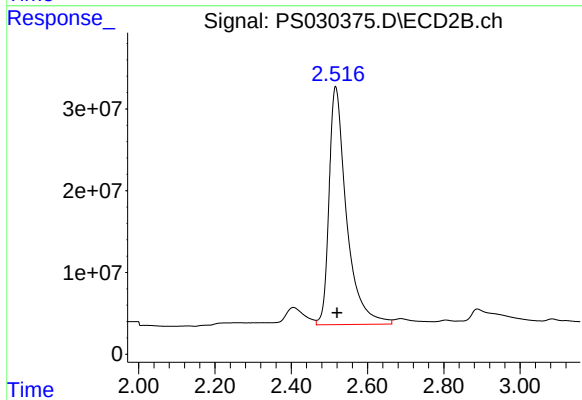
PB168133BSD

Manual Integrations

APPROVED

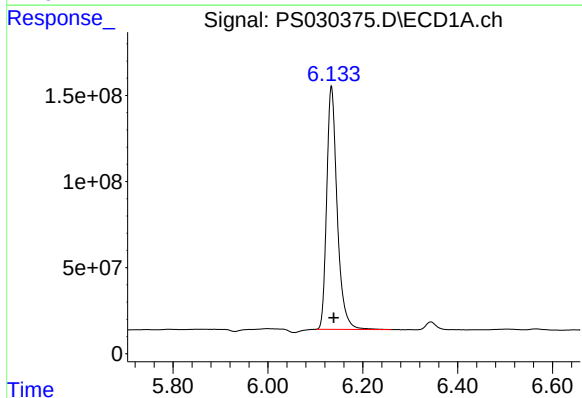
Reviewed By :Abdul Mirza 05/27/2025

Supervised By :mohammad ahmed 05/28/2025



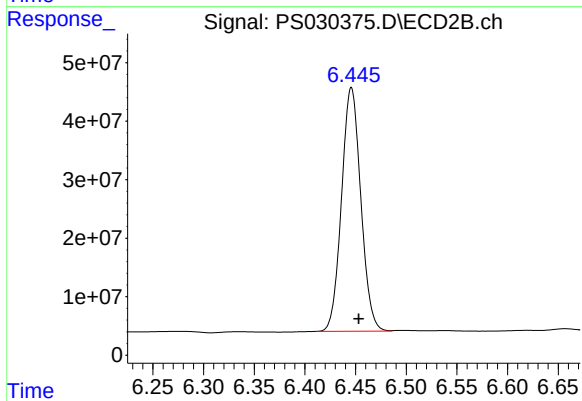
#1 Dalapon

R.T.: 2.516 min
Delta R.T.: -0.004 min
Response: 924784941
Conc: 455.32 ng/ml



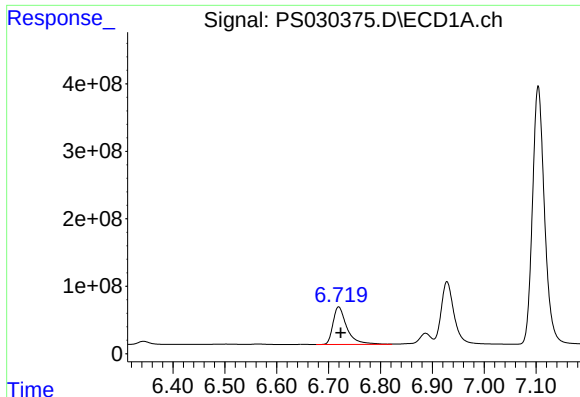
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.134 min
Delta R.T.: -0.005 min
Response: 2168196023
Conc: 519.88 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.446 min
Delta R.T.: -0.007 min
Response: 551369945
Conc: 472.94 ng/ml



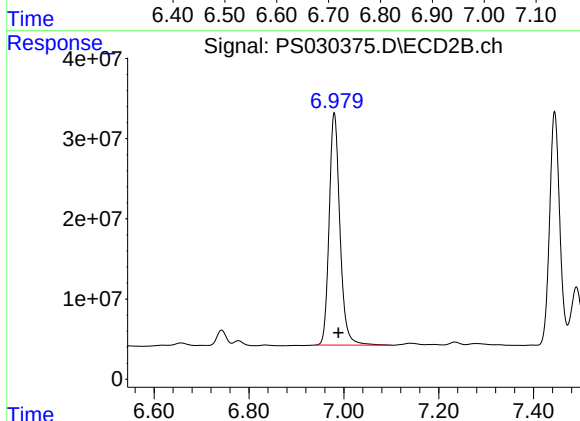
#3 4-Nitrophenol

R.T.: 6.719 min
Delta R.T.: -0.004 min
Response: 1040623497
Conc: 503.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168133BSD

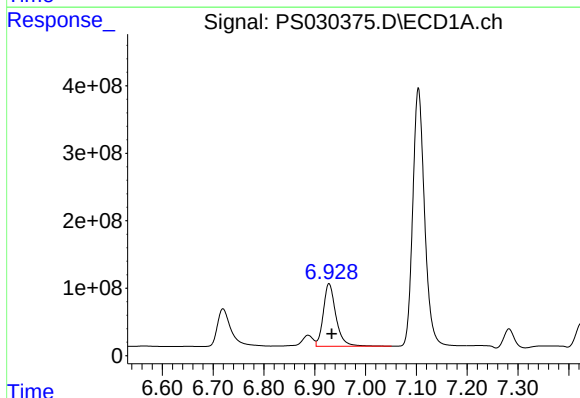
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



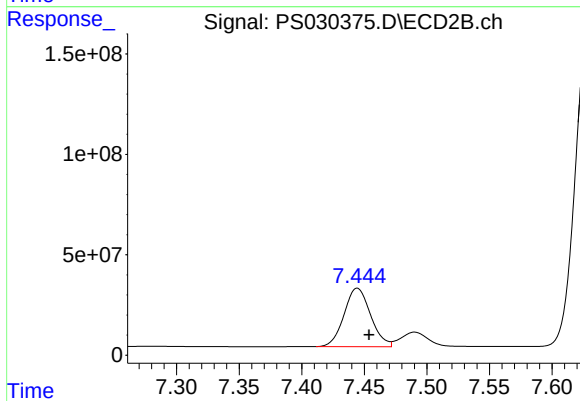
#3 4-Nitrophenol

R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 455879460
Conc: 436.65 ng/ml



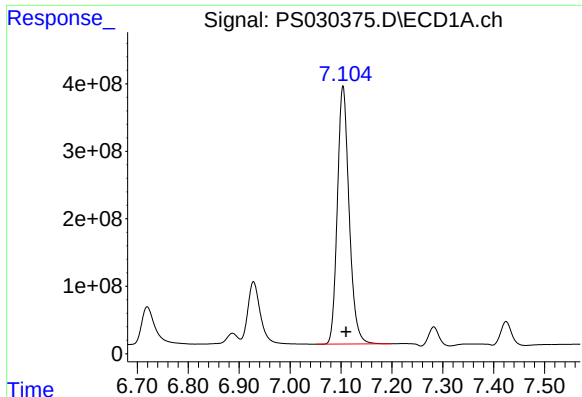
#4 2,4-DCAA

R.T.: 6.928 min
Delta R.T.: -0.005 min
Response: 1595305998
Conc: 560.19 ng/ml



#4 2,4-DCAA

R.T.: 7.444 min
Delta R.T.: -0.010 min
Response: 429977054
Conc: 537.33 ng/ml



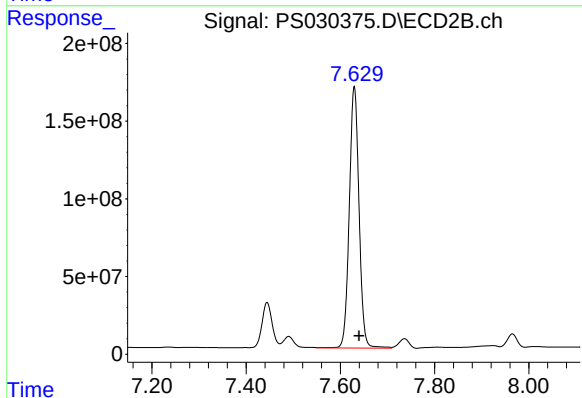
#5 DICAMBA

R.T.: 7.104 min
Delta R.T.: -0.006 min
Response: 6121587142
Conc: 529.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168133BSD

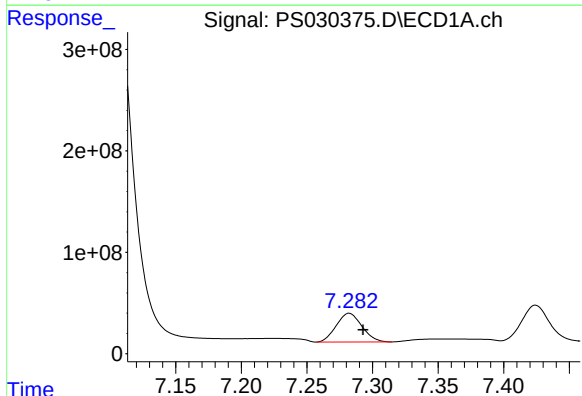
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



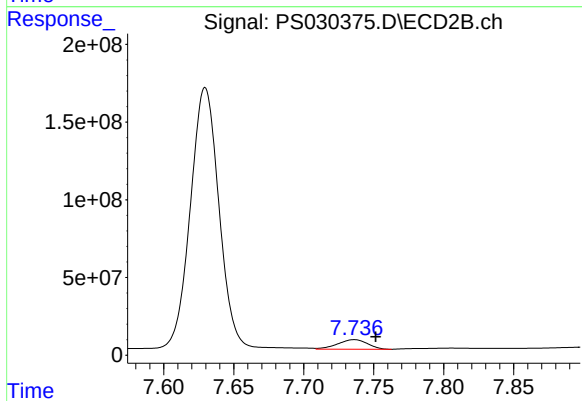
#5 DICAMBA

R.T.: 7.630 min
Delta R.T.: -0.010 min
Response: 2419159799
Conc: 511.67 ng/ml



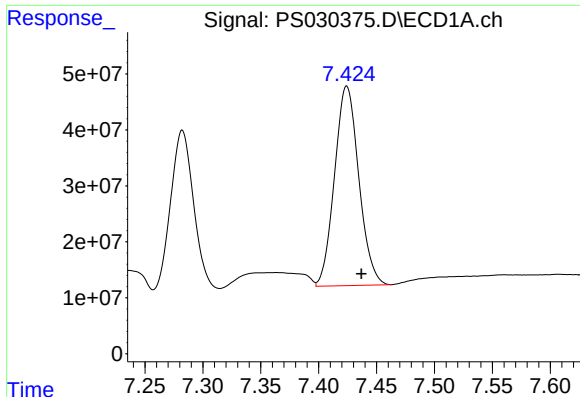
#6 MCP

R.T.: 7.282 min
Delta R.T.: -0.011 min
Response: 385175773
Conc: 52.89 ug/ml



#6 MCP

R.T.: 7.736 min
Delta R.T.: -0.015 min
Response: 91519247
Conc: 49.75 ug/ml



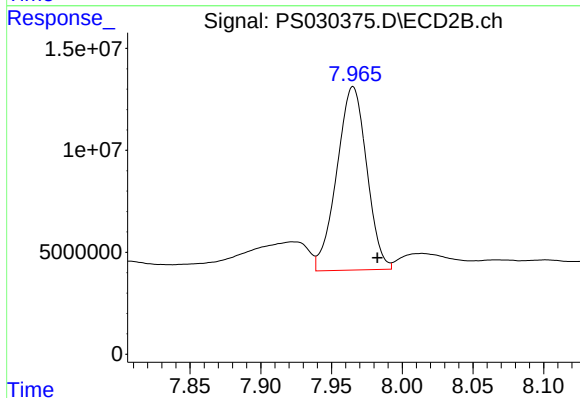
#7 MCPA

R.T.: 7.424 min
Delta R.T.: -0.013 min
Response: 519909835
Conc: 50.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168133BSD

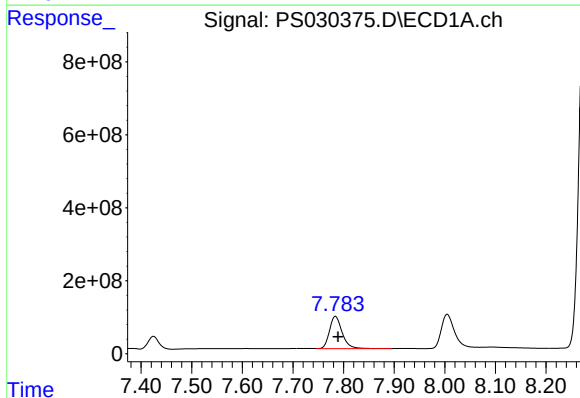
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



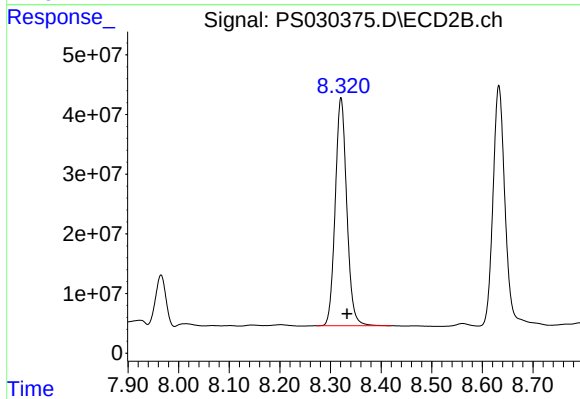
#7 MCPA

R.T.: 7.965 min
Delta R.T.: -0.017 min
Response: 132369196
Conc: 50.18 ug/ml



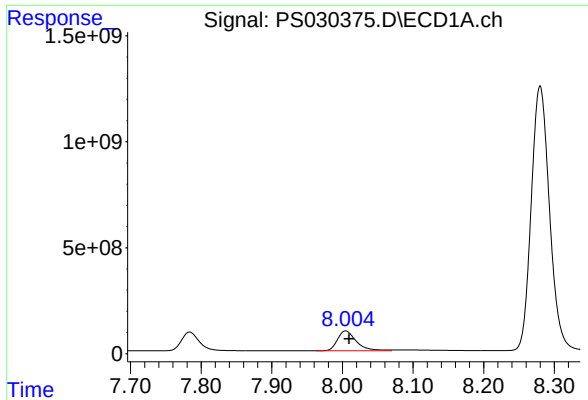
#8 DICHLORPROP

R.T.: 7.784 min
Delta R.T.: -0.006 min
Response: 1549011638
Conc: 530.24 ng/ml



#8 DICHLORPROP

R.T.: 8.321 min
Delta R.T.: -0.012 min
Response: 605025732
Conc: 512.11 ng/ml



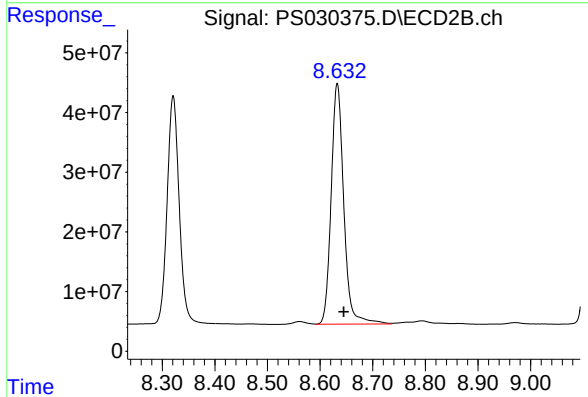
#9 2,4-D

R.T.: 8.005 min
Delta R.T.: -0.005 min
Response: 1740896963
Conc: 530.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168133BSD

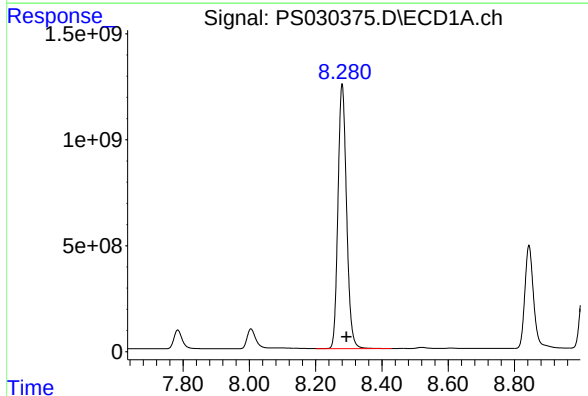
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



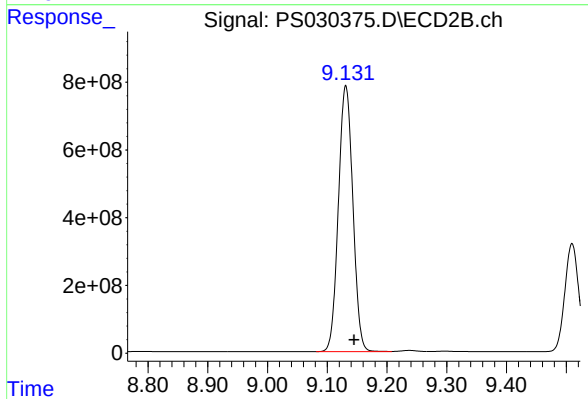
#9 2,4-D

R.T.: 8.633 min
Delta R.T.: -0.013 min
Response: 671306167
Conc: 520.19 ng/ml



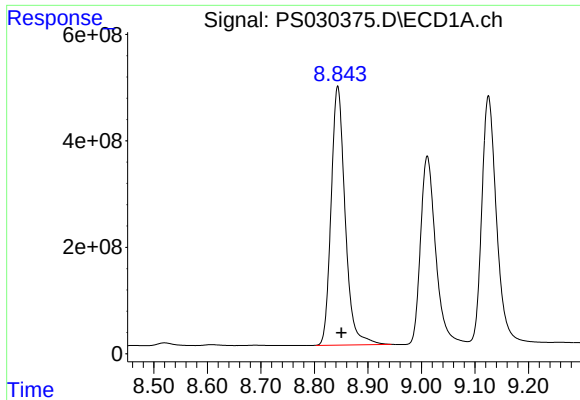
#10 Pentachlorophenol

R.T.: 8.280 min
Delta R.T.: -0.013 min
Response: 22472704012
Conc: 554.87 ng/ml



#10 Pentachlorophenol

R.T.: 9.131 min
Delta R.T.: -0.014 min
Response: 13203226907
Conc: 534.87 ng/ml



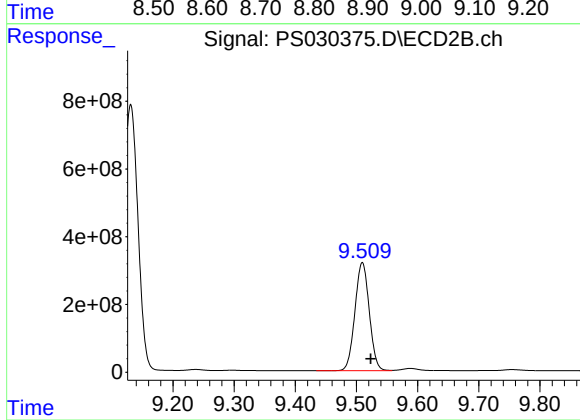
#11 2,4,5-TP (SILVEX)

R.T.: 8.843 min
Delta R.T.: -0.007 min
Response: 8856847503
Conc: 546.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168133BSD

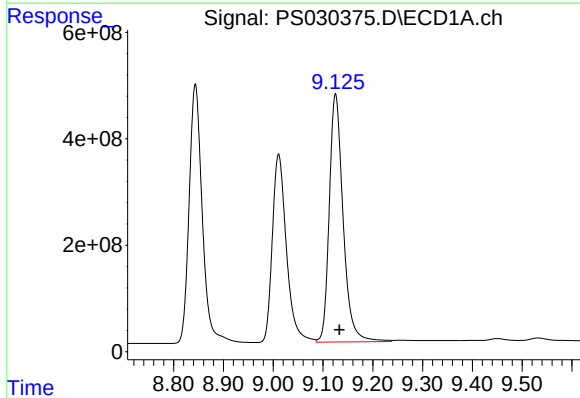
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



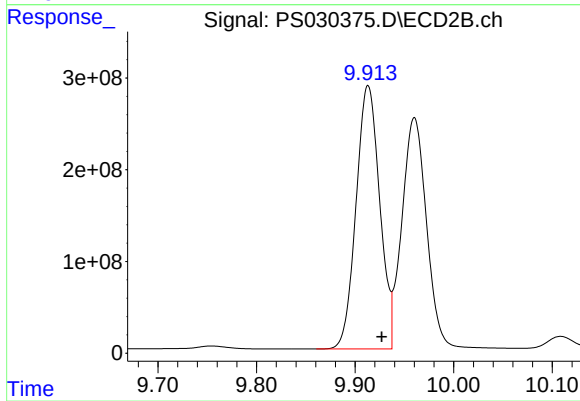
#11 2,4,5-TP (SILVEX)

R.T.: 9.510 min
Delta R.T.: -0.014 min
Response: 5197143930
Conc: 527.61 ng/ml



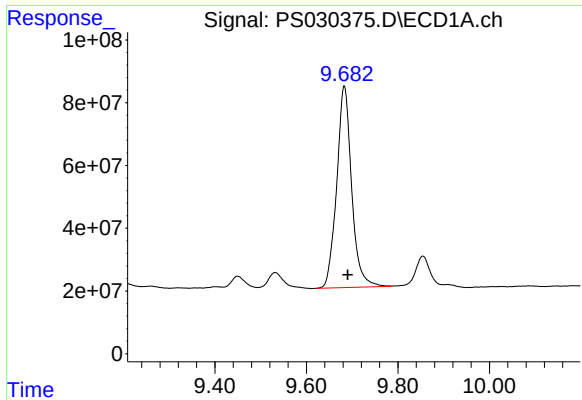
#12 2,4,5-T

R.T.: 9.125 min
Delta R.T.: -0.008 min
Response: 8984281675
Conc: 544.00 ng/ml



#12 2,4,5-T

R.T.: 9.913 min
Delta R.T.: -0.014 min
Response: 4786647969
Conc: 520.08 ng/ml



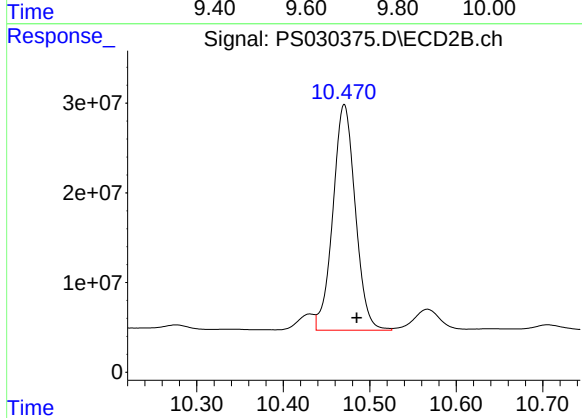
#13 2,4-DB

R.T.: 9.683 min
Delta R.T.: -0.007 min
Response: 1456623871
Conc: 558.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168133BSD

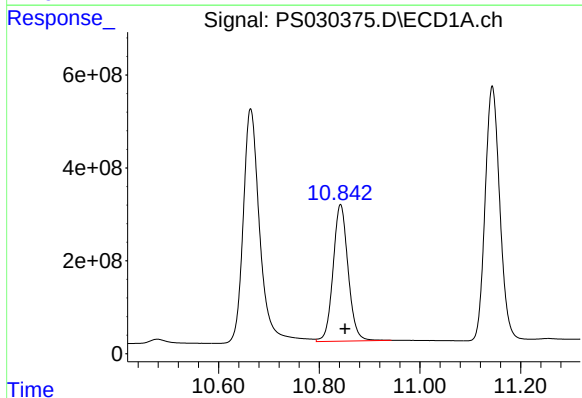
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



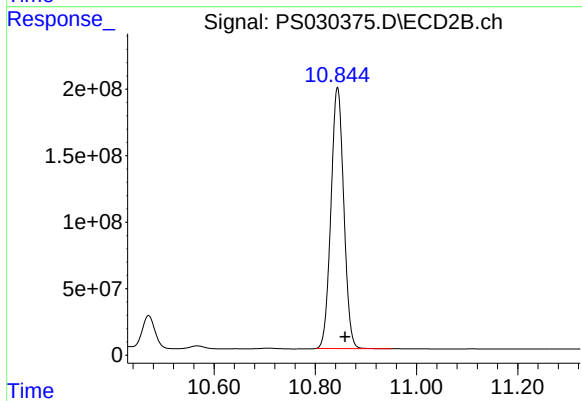
#13 2,4-DB

R.T.: 10.471 min
Delta R.T.: -0.014 min
Response: 451333847
Conc: 454.80 ng/ml



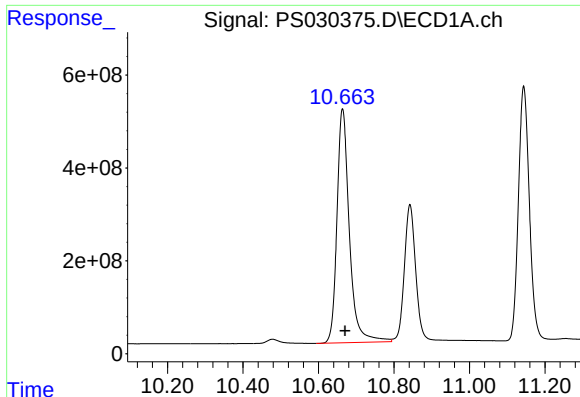
#14 DINOSEB

R.T.: 10.842 min
Delta R.T.: -0.009 min
Response: 6093812745
Conc: 532.85 ng/ml



#14 DINOSEB

R.T.: 10.844 min
Delta R.T.: -0.015 min
Response: 3452383977
Conc: 505.33 ng/ml



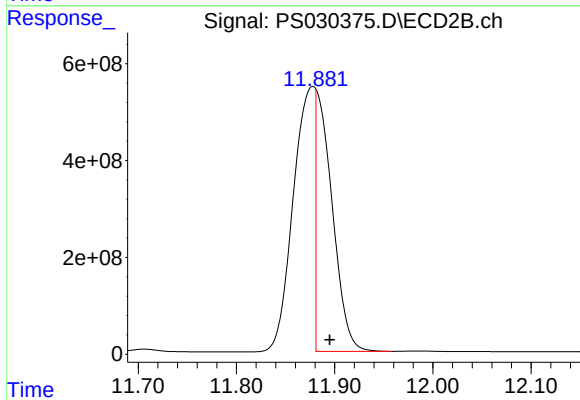
#15 Picloram

R.T.: 10.664 min
Delta R.T.: -0.006 min
Response: 11485985265
Conc: 537.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168133BSD

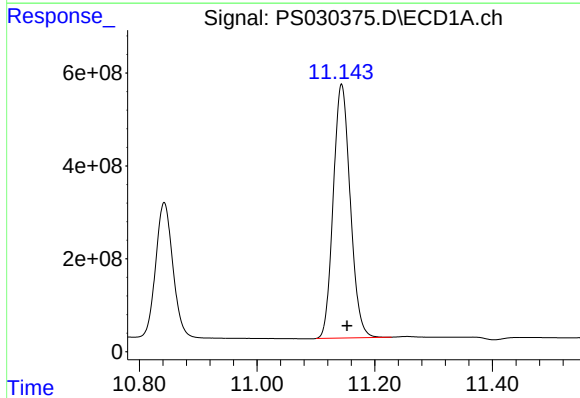
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



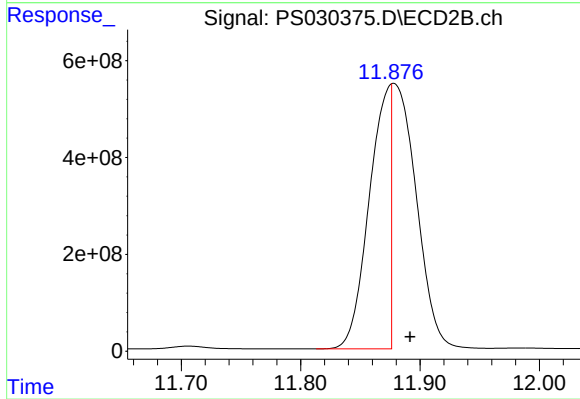
#15 Picloram

R.T.: 11.881 min
Delta R.T.: -0.014 min
Response: 6170654561
Conc: 438.47 ng/ml m



#16 DCPA

R.T.: 11.144 min
Delta R.T.: -0.009 min
Response: 10955975128
Conc: 550.23 ng/ml



#16 DCPA

R.T.: 11.876 min
Delta R.T.: -0.016 min
Response: 6901092094
Conc: 510.79 ng/ml m