

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040125\
 Data File : PS029643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 15:59
 Operator : AR\AJ
 Sample : PB167293BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167293BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2025
 Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 03:12:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS033125.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 02:48:40 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	6.996	7.523	1688.5E6	696.1E6	685.521	497.421 #
Target Compounds							
1) T	Dalapon	2.491	2.556	2519.5E6	1432.1E6	431.229	417.147
2) T	3,5-DICHL...	6.195	6.513	2320.9E6	934.1E6	554.857	460.281
3) T	4-Nitroph...	6.788	7.056	625.2E6	652.7E6	561.013	447.206m
5) T	DICAMBA	7.174	7.711	7203.5E6	3698.1E6	482.016	462.042
6) T	MCPD	7.353	7.817	474.3E6	168.3E6	55.270	42.843
7) T	MCPA	7.496	8.050	548.3E6	225.0E6	67.179	45.244 #
8) T	DICHLORPROP	7.858	8.408	1912.4E6	963.3E6	630.748	501.622
9) T	2,4-D	8.080	8.725	1689.6E6	1071.7E6	676.794	508.951
10) T	Pentachlo...	8.359	9.230	28930.4E6	17728.7E6	595.863	499.581
11) T	2,4,5-TP ...	8.928	9.610	10437.7E6	7187.3E6	632.437	492.485
12) T	2,4,5-T	9.212	10.016	8617.3E6	6508.8E6	649.486	483.986 #
13) T	2,4-DB	9.774	10.576	1059.6E6	701.8E6	584.482	479.068
14) T	DINOSEB	10.942	10.950	6818.3E6	4545.8E6	584.002	443.699
15) T	Picloram	10.761	11.994	8382.2E6	9471.6E6	642.297	454.520m#
16) T	DCPA	11.242	11.978	12842.2E6	9524.7E6	642.025	490.054m

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

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Operator : AR\AJ
Sample : PB167293BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

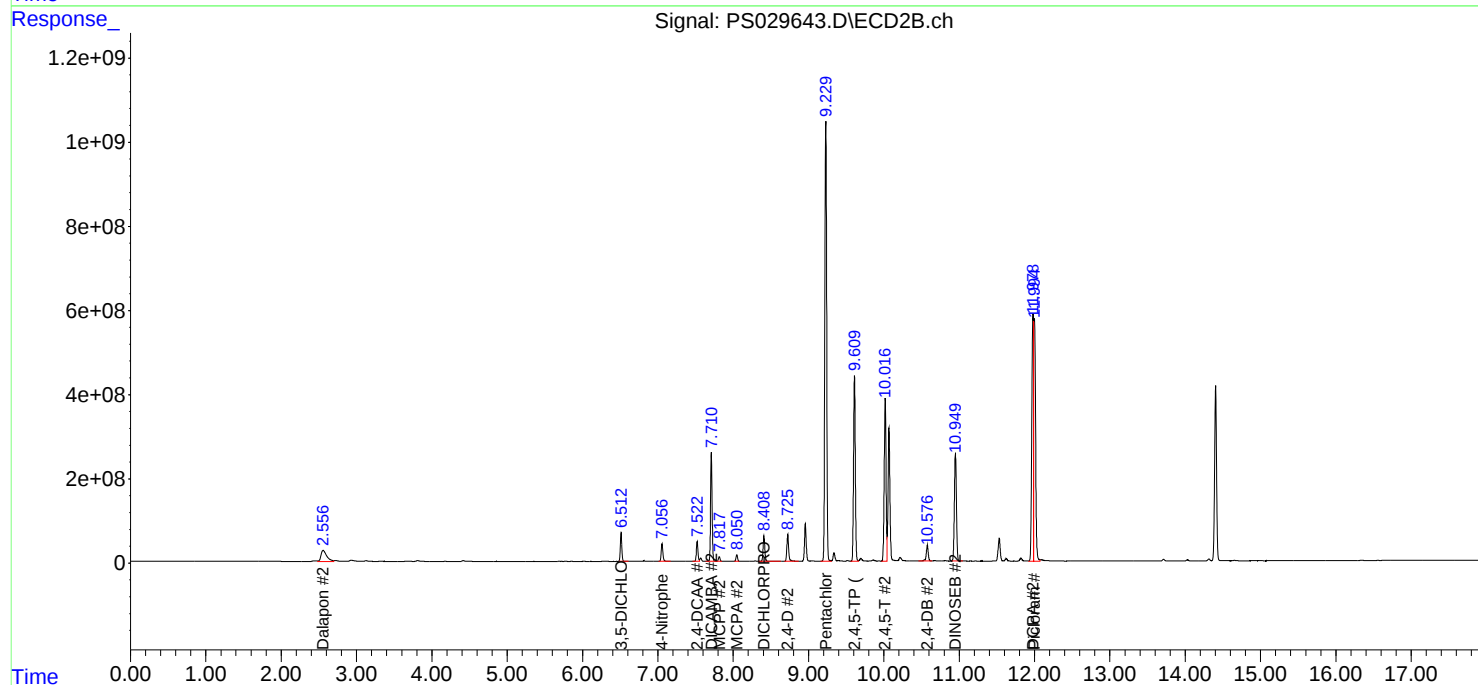
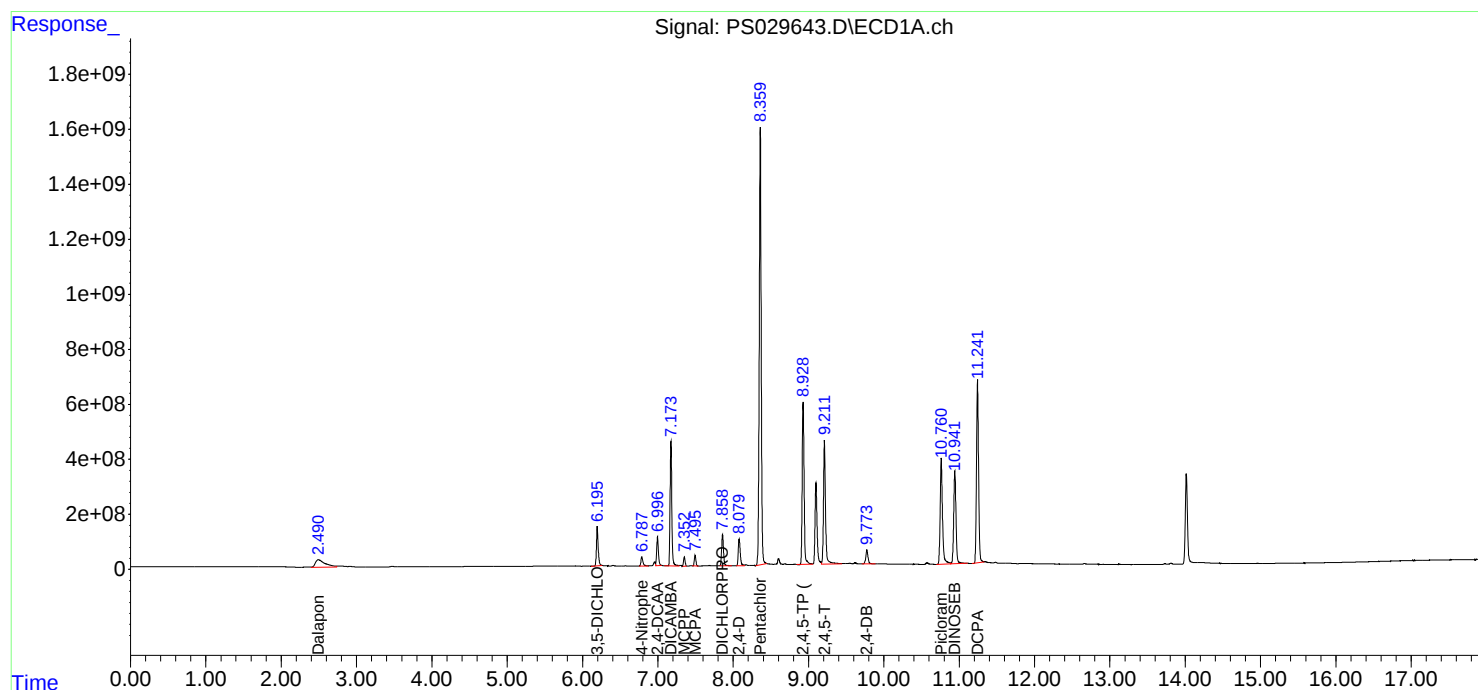
Instrument :
ECD_S
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PB167293BS

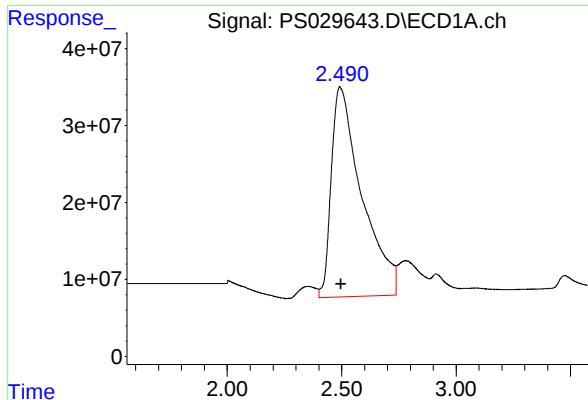
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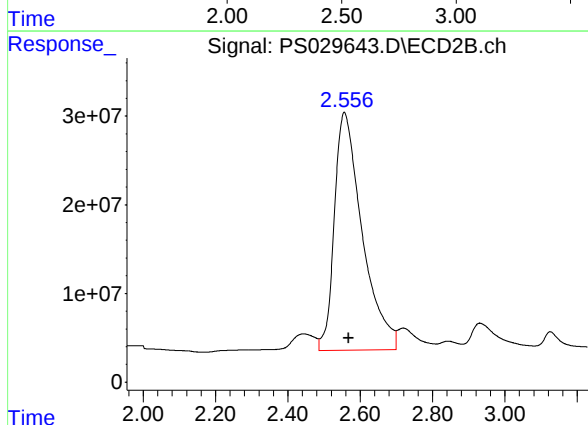
#1 Dalapon

R.T.: 2.491 min
Delta R.T.: -0.006 min
Response: 2519549531
Conc: 431.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

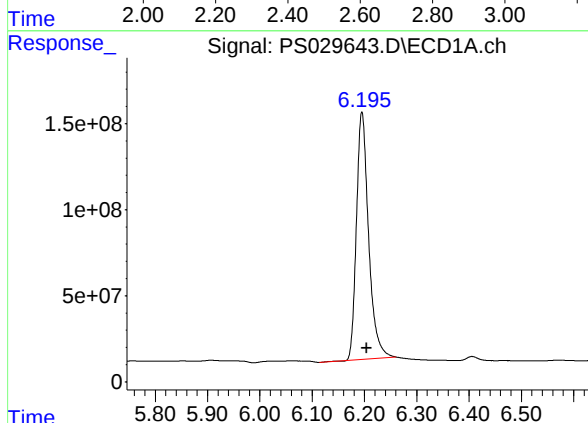
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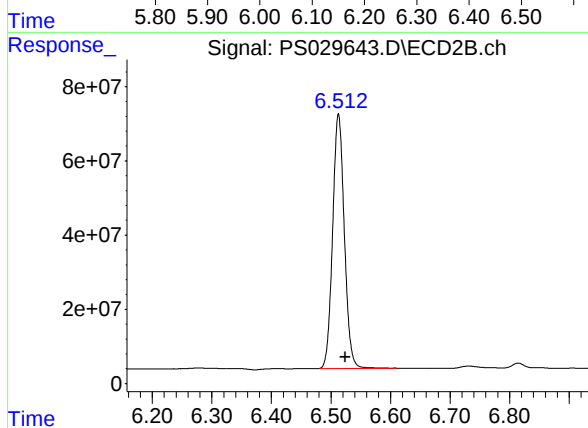
#1 Dalapon

R.T.: 2.556 min
Delta R.T.: -0.012 min
Response: 1432128951
Conc: 417.15 ng/ml



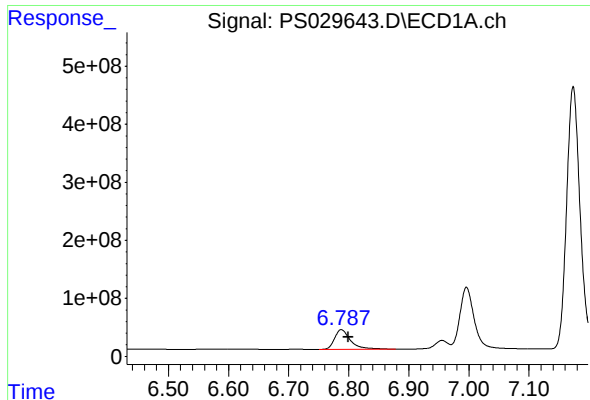
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.195 min
Delta R.T.: -0.009 min
Response: 2320892201
Conc: 554.86 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 934077115
Conc: 460.28 ng/ml



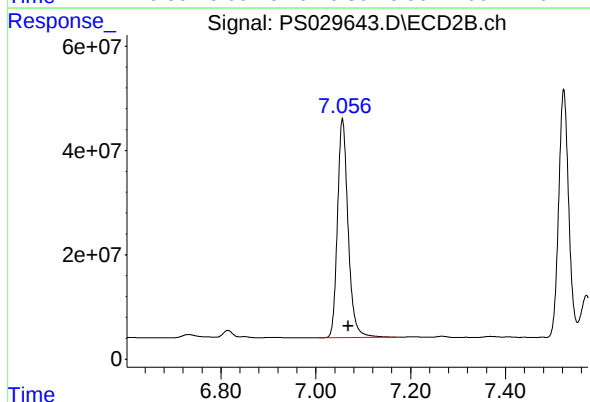
#3 4-Nitrophenol

R.T.: 6.788 min
Delta R.T.: -0.011 min
Response: 625231939
Conc: 561.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

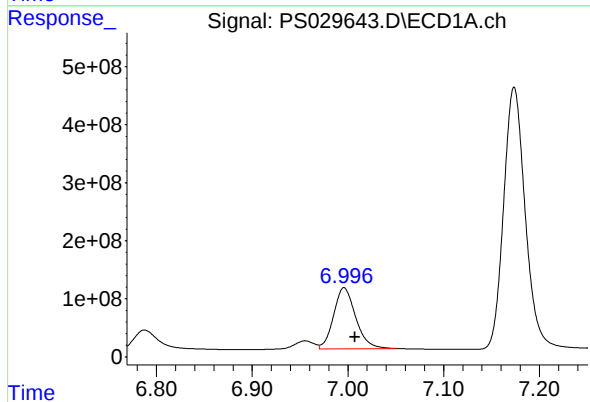
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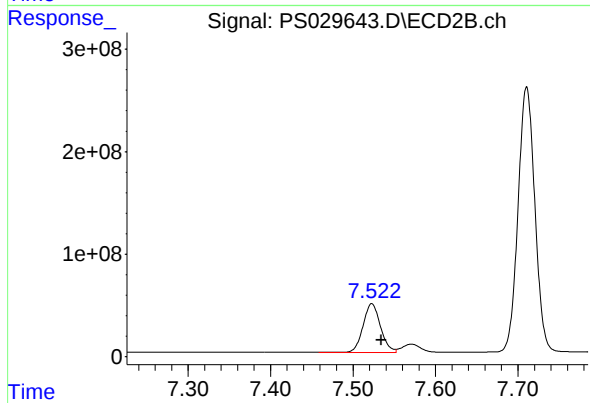
#3 4-Nitrophenol

R.T.: 7.056 min
Delta R.T.: -0.013 min
Response: 652667141
Conc: 447.21 ng/ml m



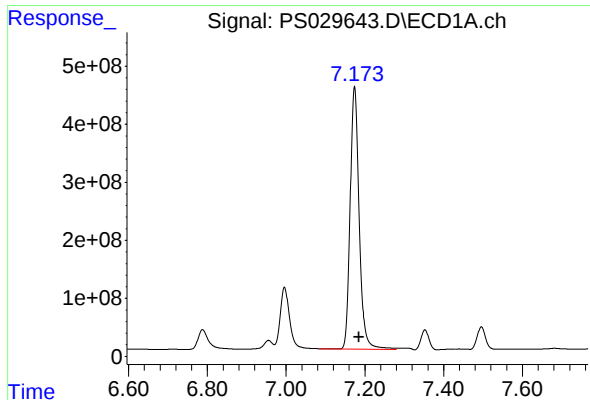
#4 2,4-DCAA

R.T.: 6.996 min
Delta R.T.: -0.011 min
Response: 1688462250
Conc: 685.52 ng/ml



#4 2,4-DCAA

R.T.: 7.523 min
Delta R.T.: -0.012 min
Response: 696093999
Conc: 497.42 ng/ml



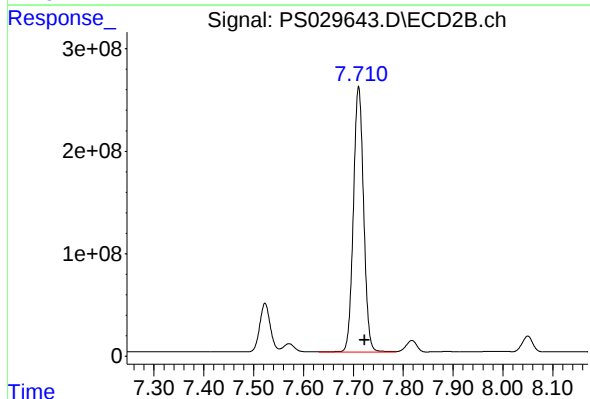
#5 DICAMBA

R.T.: 7.174 min
Delta R.T.: -0.012 min
Response: 7203527501
Conc: 482.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

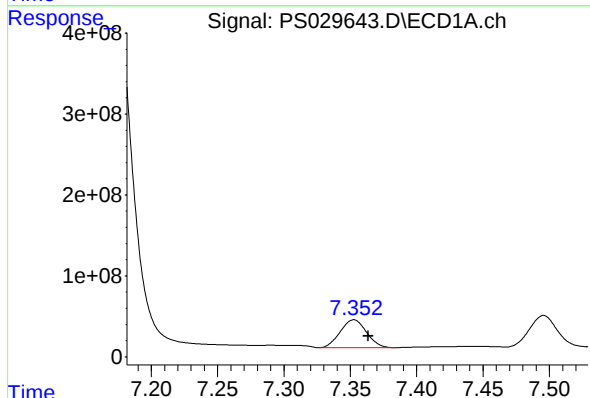
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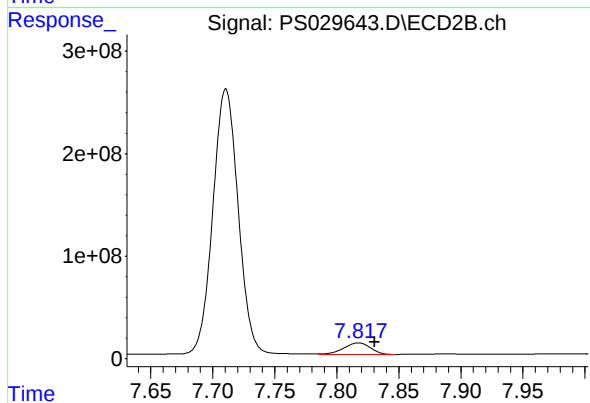
#5 DICAMBA

R.T.: 7.711 min
Delta R.T.: -0.012 min
Response: 3698093598
Conc: 462.04 ng/ml



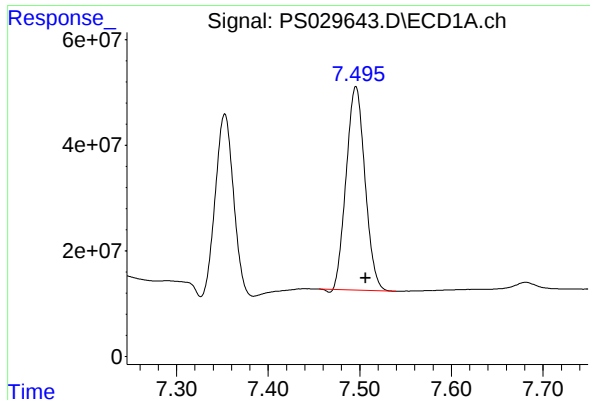
#6 MCPP

R.T.: 7.353 min
Delta R.T.: -0.011 min
Response: 474296920
Conc: 55.27 ug/ml



#6 MCPP

R.T.: 7.817 min
Delta R.T.: -0.013 min
Response: 168297397
Conc: 42.84 ug/ml



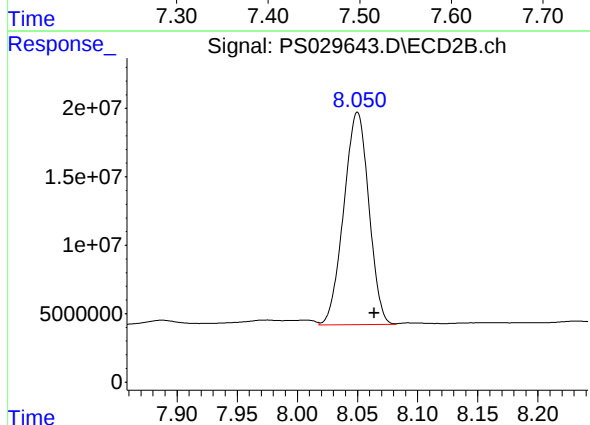
#7 MCPA

R.T.: 7.496 min
Delta R.T.: -0.011 min
Response: 548299567
Conc: 67.18 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

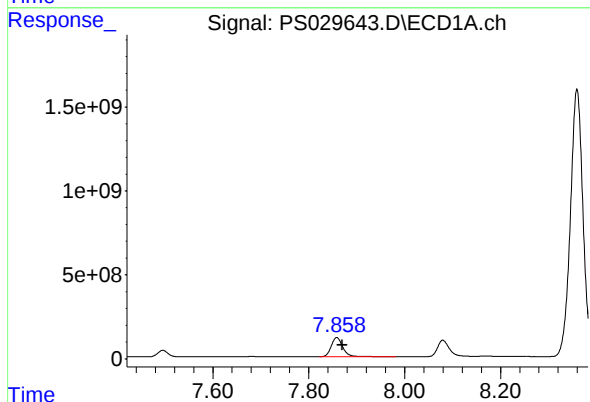
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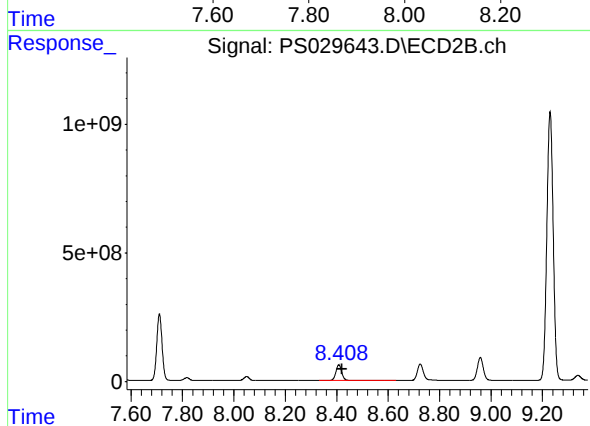
#7 MCPA

R.T.: 8.050 min
Delta R.T.: -0.014 min
Response: 225004948
Conc: 45.24 ug/ml



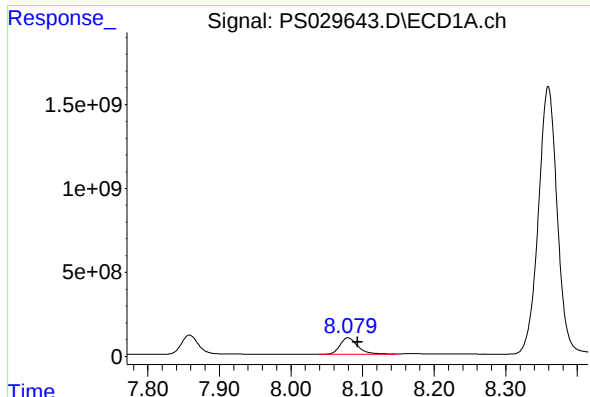
#8 DICHLORPROP

R.T.: 7.858 min
Delta R.T.: -0.012 min
Response: 1912355909
Conc: 630.75 ng/ml



#8 DICHLORPROP

R.T.: 8.408 min
Delta R.T.: -0.013 min
Response: 963270623
Conc: 501.62 ng/ml



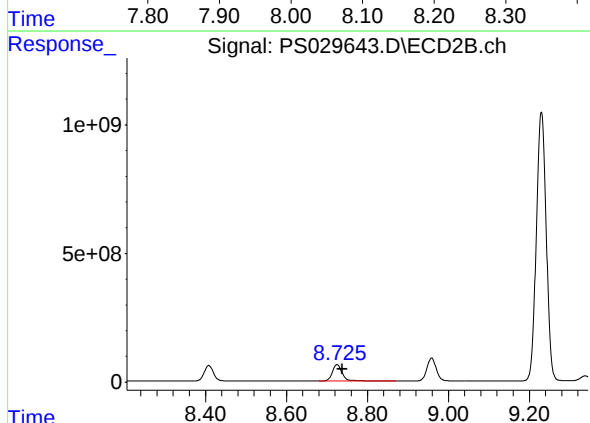
#9 2,4-D

R.T.: 8.080 min
Delta R.T.: -0.014 min
Response: 1689624557
Conc: 676.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

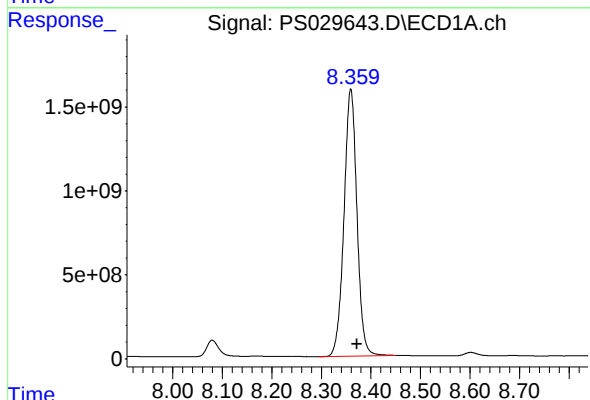
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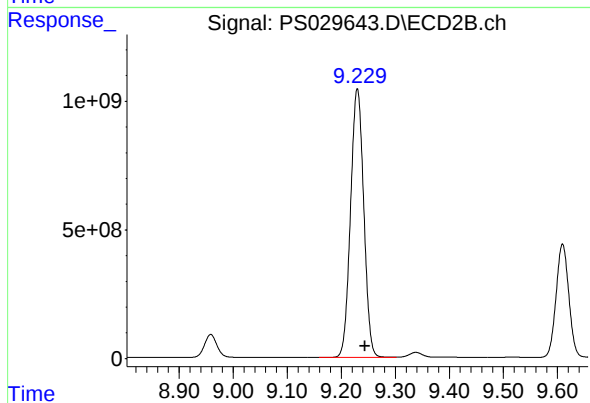
#9 2,4-D

R.T.: 8.725 min
Delta R.T.: -0.013 min
Response: 1071681018
Conc: 508.95 ng/ml



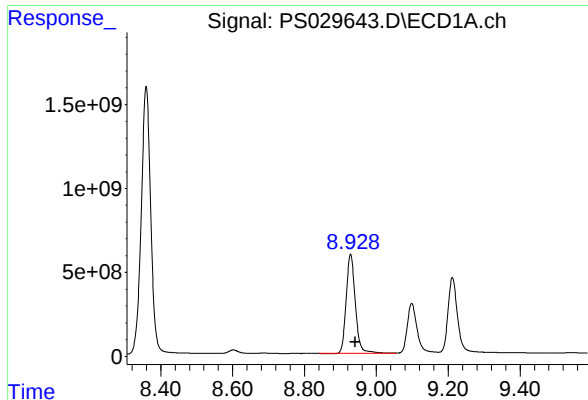
#10 Pentachlorophenol

R.T.: 8.359 min
Delta R.T.: -0.013 min
Response: 28930394251
Conc: 595.86 ng/ml



#10 Pentachlorophenol

R.T.: 9.230 min
Delta R.T.: -0.014 min
Response: 17728700092
Conc: 499.58 ng/ml



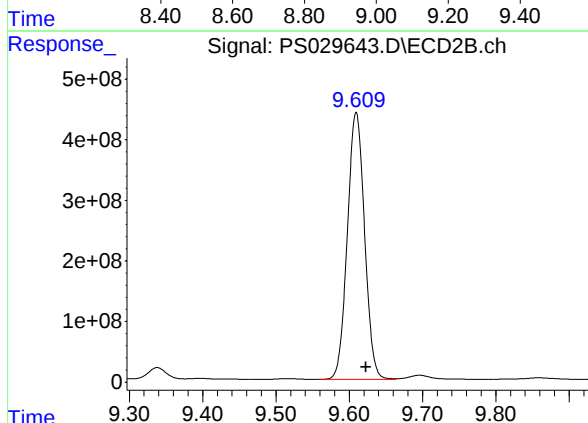
#11 2,4,5-TP (SILVEX)

R.T.: 8.928 min
Delta R.T.: -0.013 min
Response: 10437674131
Conc: 632.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

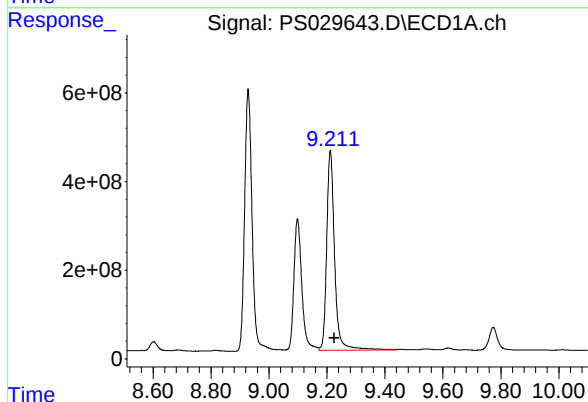
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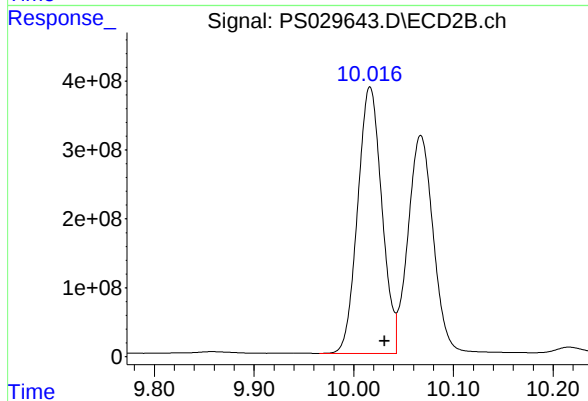
#11 2,4,5-TP (SILVEX)

R.T.: 9.610 min
Delta R.T.: -0.013 min
Response: 7187315614
Conc: 492.49 ng/ml



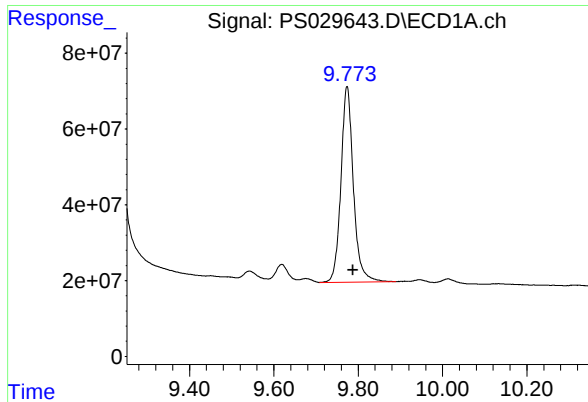
#12 2,4,5-T

R.T.: 9.212 min
Delta R.T.: -0.014 min
Response: 8617313942
Conc: 649.49 ng/ml



#12 2,4,5-T

R.T.: 10.016 min
Delta R.T.: -0.015 min
Response: 6508803571
Conc: 483.99 ng/ml



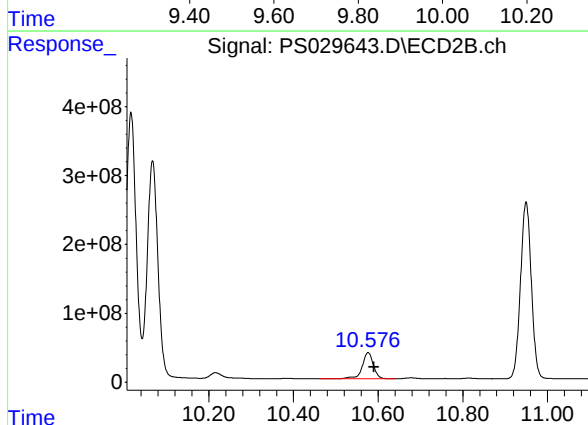
#13 2,4-DB

R.T.: 9.774 min
Delta R.T.: -0.014 min
Response: 1059566141
Conc: 584.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

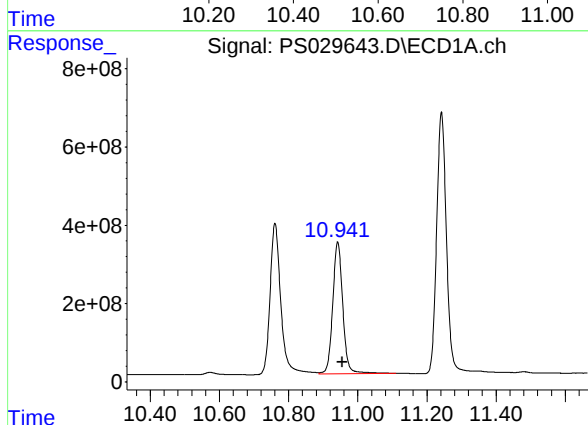
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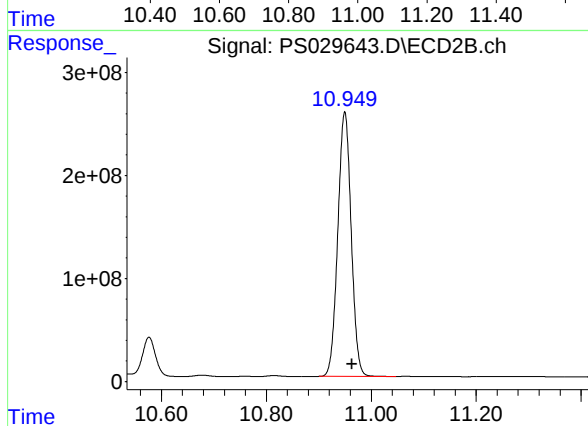
#13 2,4-DB

R.T.: 10.576 min
Delta R.T.: -0.014 min
Response: 701789128
Conc: 479.07 ng/ml



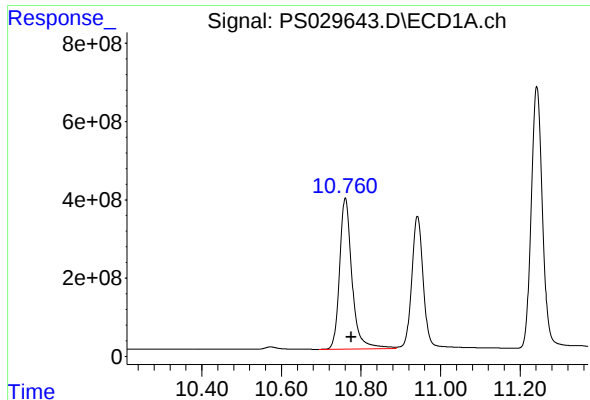
#14 DINOSEB

R.T.: 10.942 min
Delta R.T.: -0.014 min
Response: 6818338205
Conc: 584.00 ng/ml



#14 DINOSEB

R.T.: 10.950 min
Delta R.T.: -0.014 min
Response: 4545814559
Conc: 443.70 ng/ml



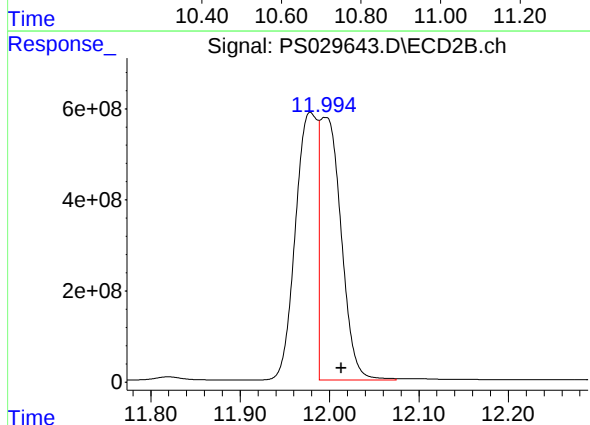
#15 Picloram

R.T.: 10.761 min
Delta R.T.: -0.015 min
Response: 8382167732
Conc: 642.30 ng/ml

Instrument :
ECD_S
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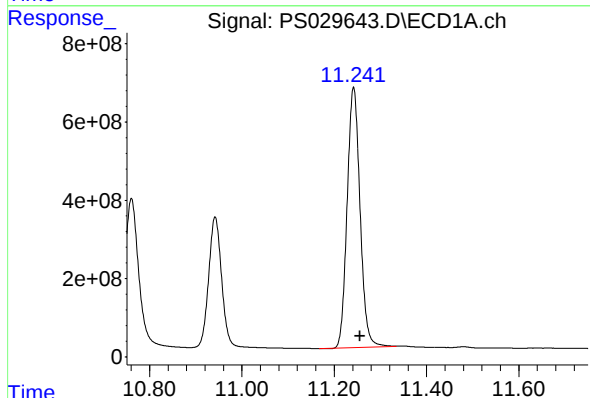
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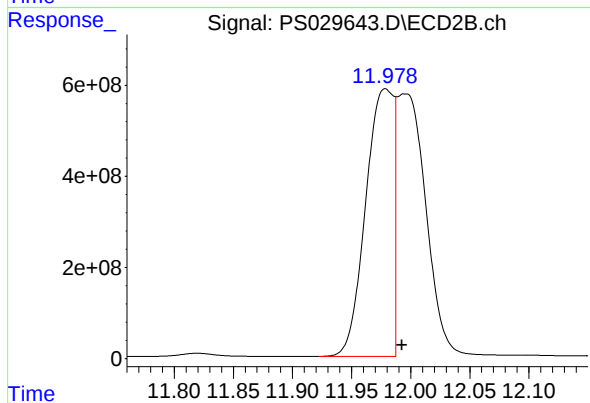
#15 Picloram

R.T.: 11.994 min
Delta R.T.: -0.019 min
Response: 9471633119
Conc: 454.52 ng/ml m



#16 DCPA

R.T.: 11.242 min
Delta R.T.: -0.014 min
Response: 12842197537
Conc: 642.03 ng/ml



#16 DCPA

R.T.: 11.978 min
Delta R.T.: -0.014 min
Response: 9524725344
Conc: 490.05 ng/ml m