

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041625\
 Data File : PS029825.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2025 17:36
 Operator : AR\AJ
 Sample : PB167608BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167608BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/17/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:21:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.953	7.476	1387.2E6	432.5E6	680.384	634.575
Target Compounds							
1) T	Dalapon	2.455	2.531	1810.9E6	1035.9E6	533.810	652.484
2) T	3,5-DICHL...	6.156	6.471	2165.9E6	591.2E6	720.089	612.306m
3) T	4-Nitroph...	6.743	7.010	879.9E6	412.8E6	626.345	582.213
5) T	DICAMBA	7.130	7.663	5171.0E6	2279.6E6	621.370	617.225
6) T	MCP	7.308	7.769	329.8E6	89878539	60.855	53.231
7) T	MCPA	7.449	8.000	462.4E6	134.9E6	63.606m	59.283
8) T	DICHLORPROP	7.810	8.358	1412.8E6	703.7E6	642.358	728.346
9) T	2,4-D	8.030	8.671	1738.5E6	708.2E6	721.511	656.689
10) T	Pentachlo...	8.310	9.173	20614.2E6	12150.4E6	677.988	677.743
11) T	2,4,5-TP ...	8.875	9.553	8107.3E6	5048.3E6	697.986	699.892
12) T	2,4,5-T	9.157	9.958	7738.2E6	4425.9E6	672.628	660.304
13) T	2,4-DB	9.717	10.516	1167.2E6	450.9E6	642.449m	607.637m
14) T	DINOSEB	10.882	10.892	4727.9E6	2687.4E6	560.042	525.614
15) T	Picloram	10.699	11.936	8405.7E6	4328.5E6	542.287	366.067m#
16) T	DCPA	11.182	11.923	9057.0E6	7143.6E6	648.498	807.125m

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

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Sample : PB167608BS
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ALS Vial : 5 Sample Multiplier: 1

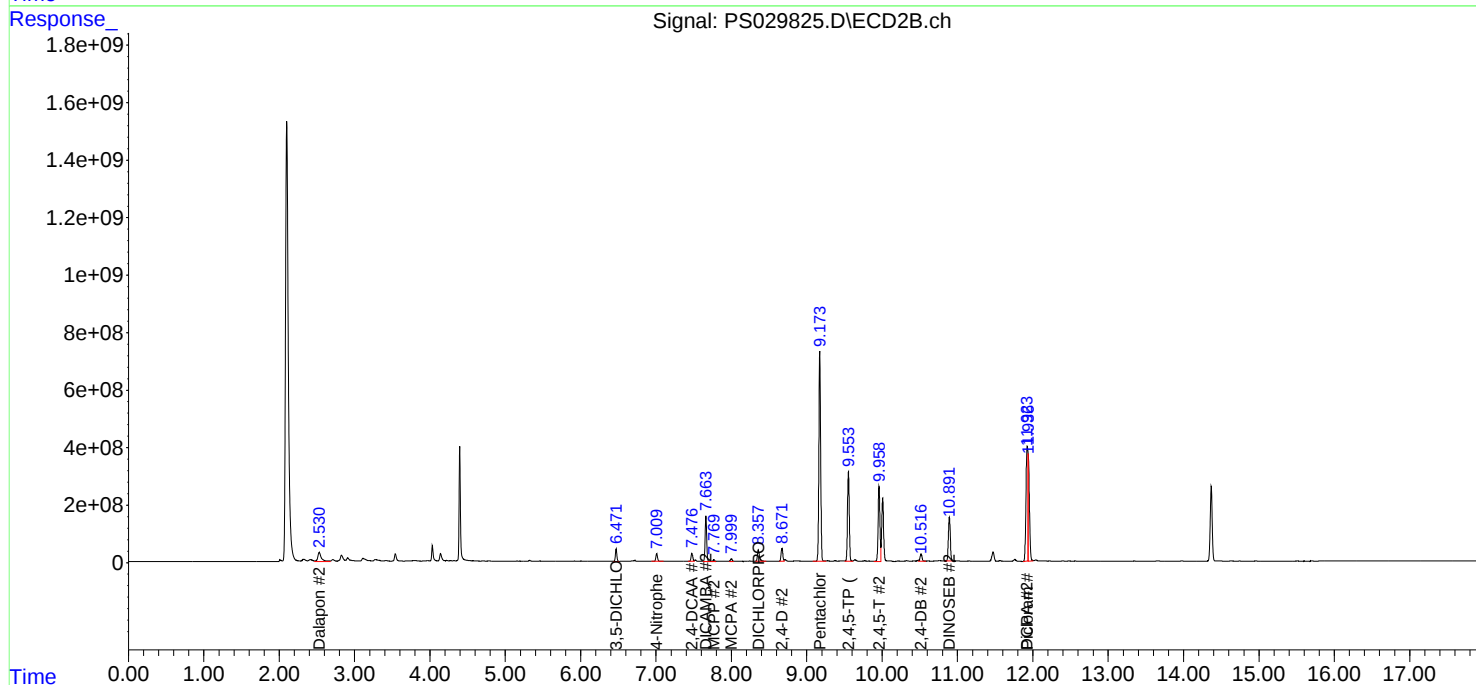
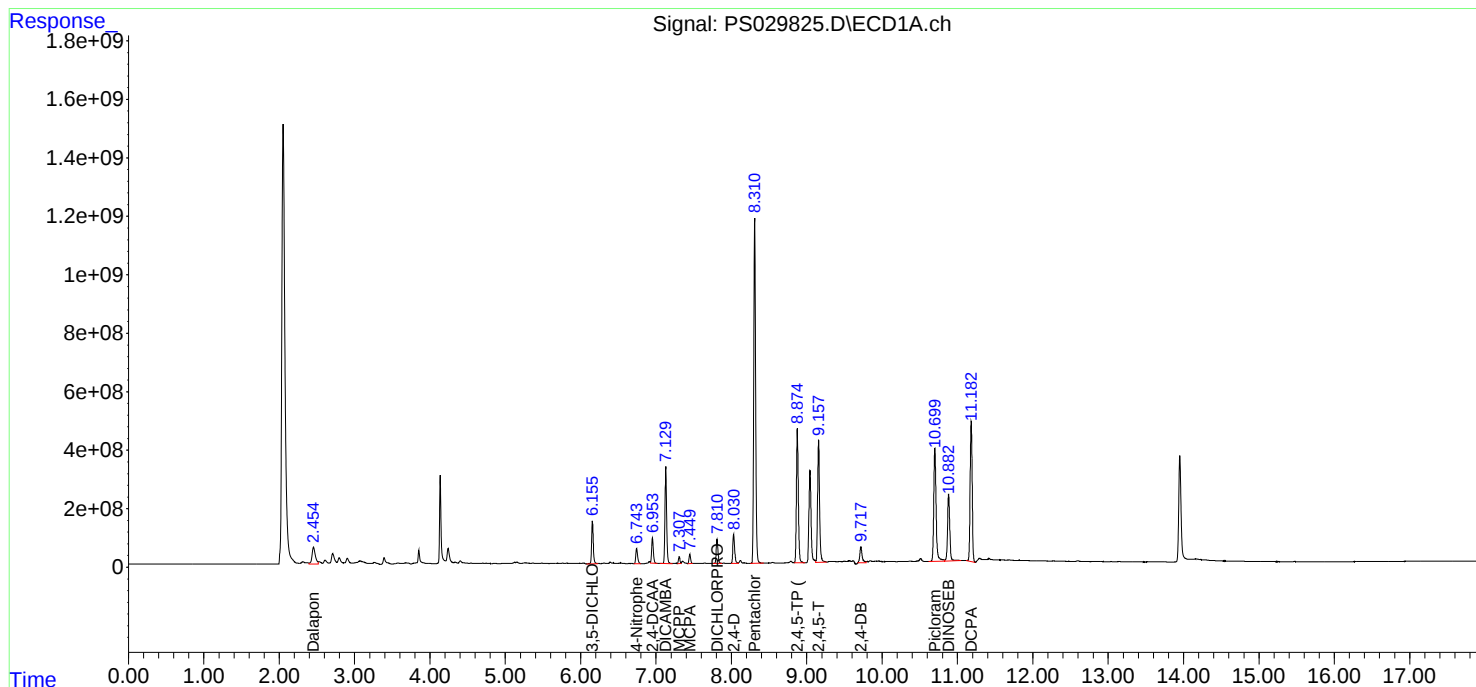
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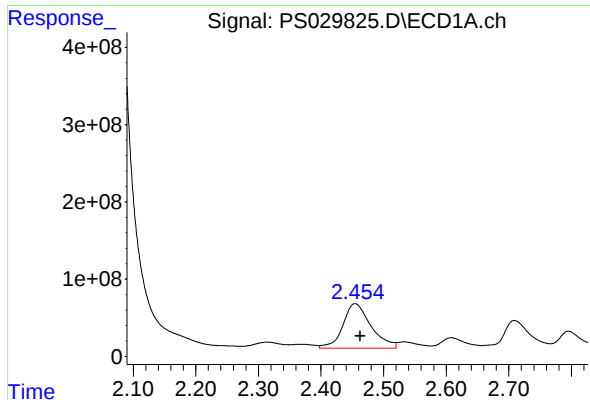
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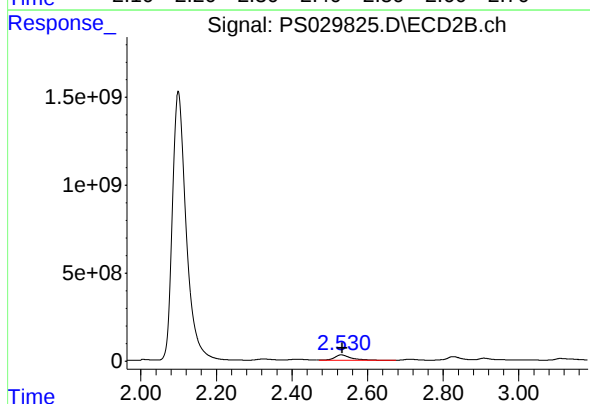
#1 Dalapon

R.T.: 2.455 min
Delta R.T.: -0.008 min
Response: 1810896210
Conc: 533.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

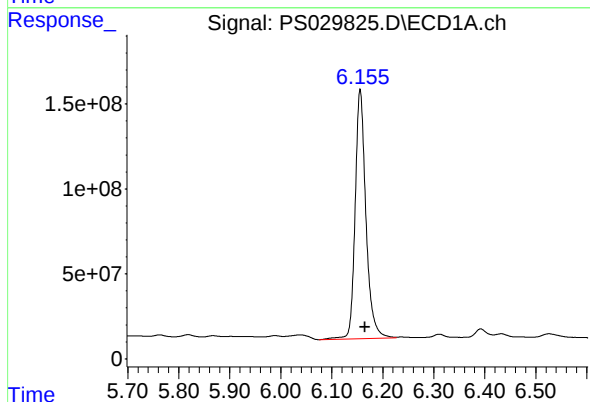
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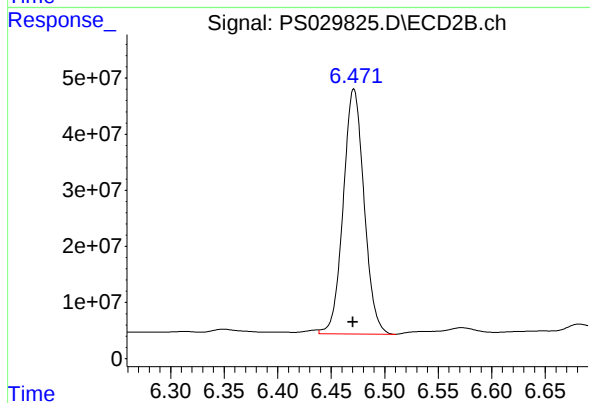
#1 Dalapon

R.T.: 2.531 min
Delta R.T.: -0.003 min
Response: 1035880795
Conc: 652.48 ng/ml



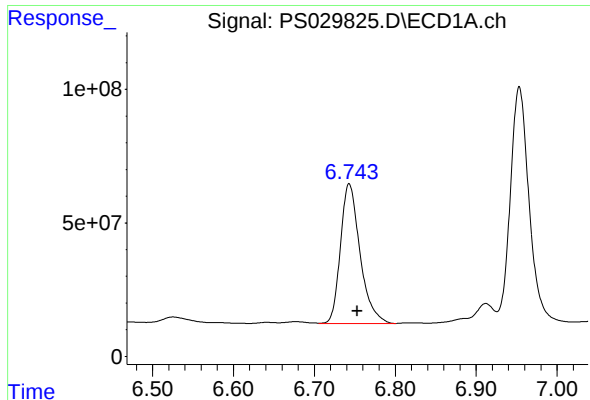
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.156 min
Delta R.T.: -0.009 min
Response: 2165854532
Conc: 720.09 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 591216536
Conc: 612.31 ng/ml m



#3 4-Nitrophenol

R.T.: 6.743 min
Delta R.T.: -0.010 min
Response: 879888668
Conc: 626.34 ng/ml

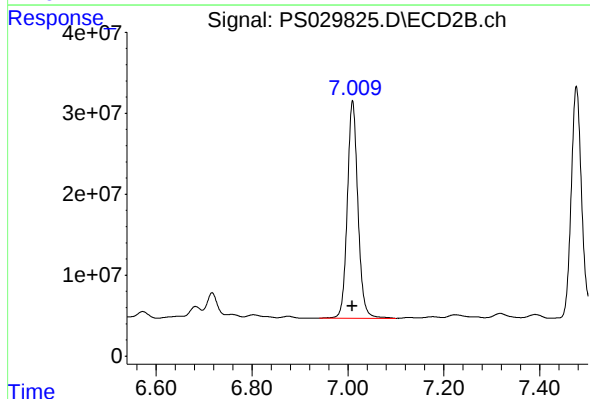
Instrument :

ECD_S

ClientSampleId :
PB167608BS

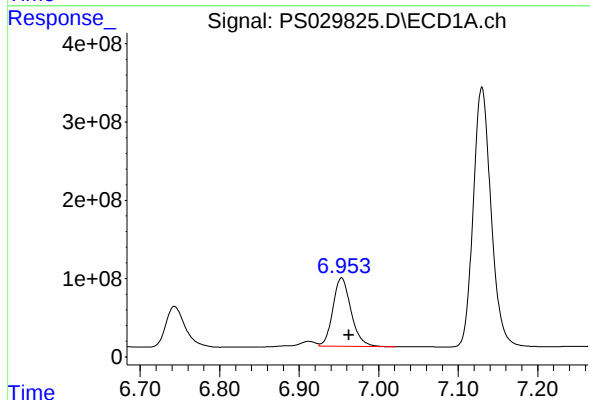
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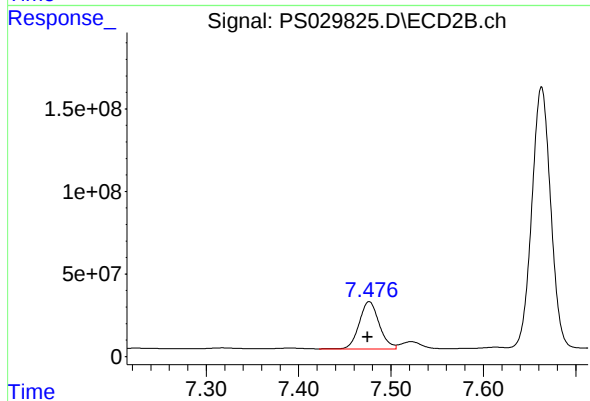
#3 4-Nitrophenol

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 412788144
Conc: 582.21 ng/ml



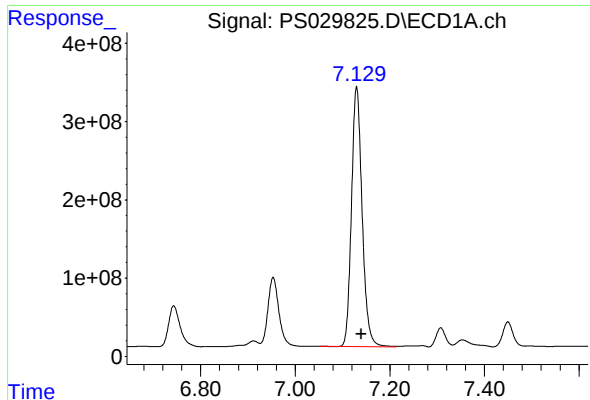
#4 2,4-DCAA

R.T.: 6.953 min
Delta R.T.: -0.009 min
Response: 1387187680
Conc: 680.38 ng/ml



#4 2,4-DCAA

R.T.: 7.476 min
Delta R.T.: 0.002 min
Response: 432470769
Conc: 634.57 ng/ml



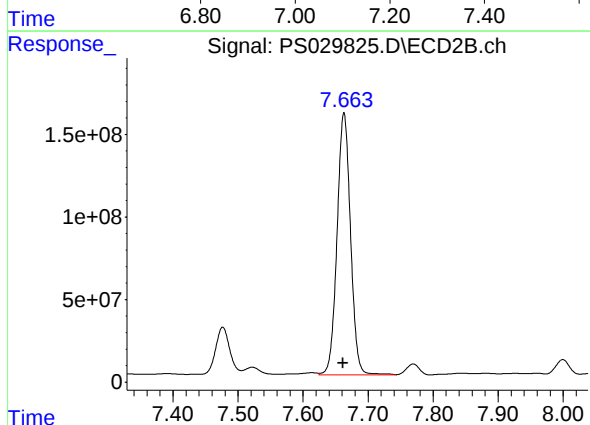
#5 DICAMBA

R.T.: 7.130 min
Delta R.T.: -0.010 min
Response: 5171007985
Conc: 621.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

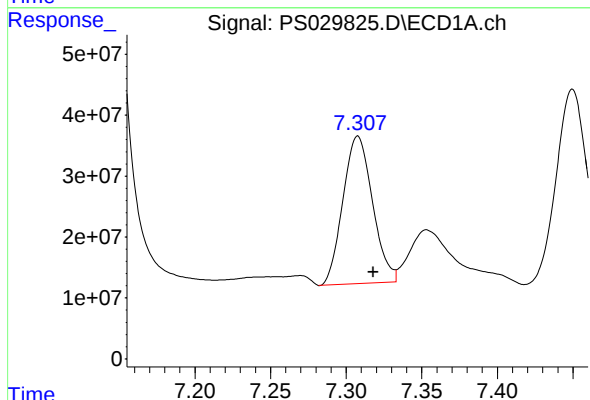
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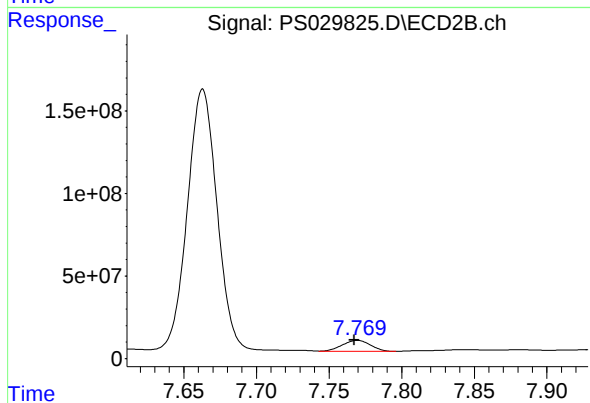
#5 DICAMBA

R.T.: 7.663 min
Delta R.T.: 0.001 min
Response: 2279639991
Conc: 617.23 ng/ml



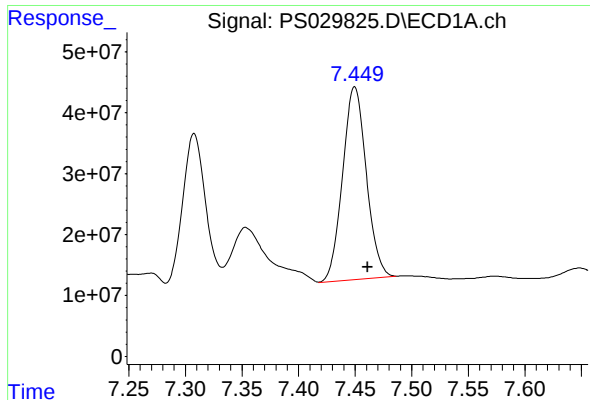
#6 MCPP

R.T.: 7.308 min
Delta R.T.: -0.010 min
Response: 329824877
Conc: 60.85 ug/ml



#6 MCPP

R.T.: 7.769 min
Delta R.T.: 0.002 min
Response: 89878539
Conc: 53.23 ug/ml



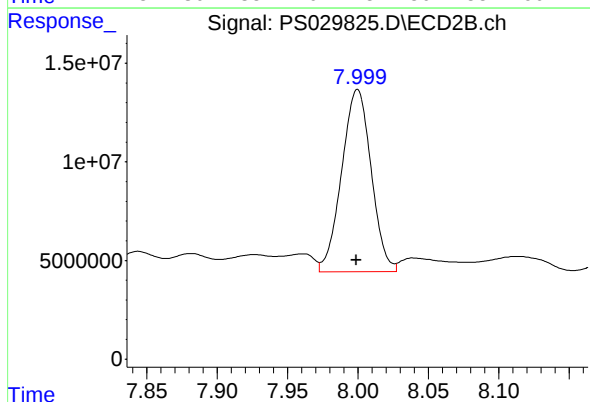
#7 MCPA

R.T.: 7.449 min
Delta R.T.: -0.012 min
Response: 462355397
Conc: 63.61 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

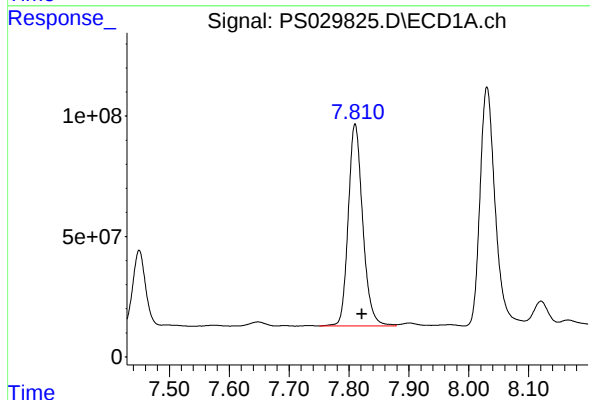
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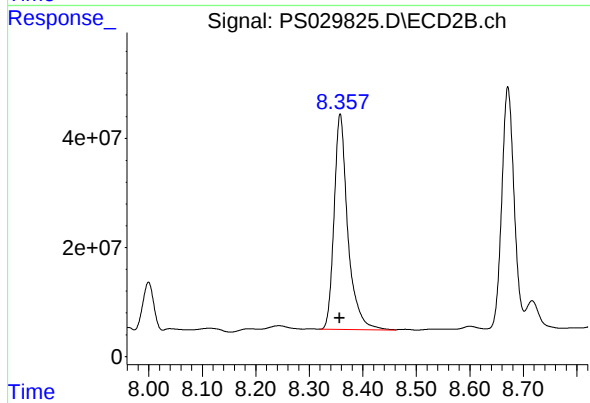
#7 MCPA

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 134884680
Conc: 59.28 ug/ml



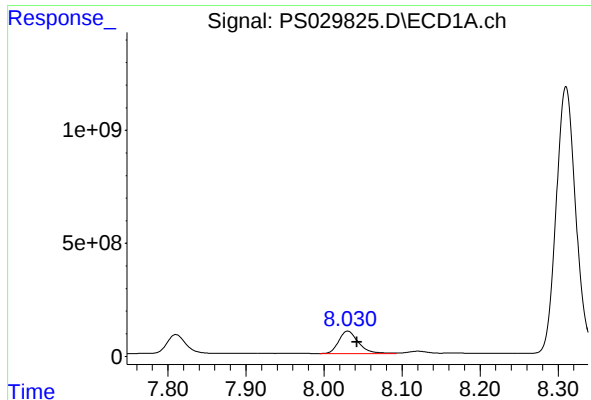
#8 DICHLORPROP

R.T.: 7.810 min
Delta R.T.: -0.012 min
Response: 1412826710
Conc: 642.36 ng/ml



#8 DICHLORPROP

R.T.: 8.358 min
Delta R.T.: 0.001 min
Response: 703692802
Conc: 728.35 ng/ml



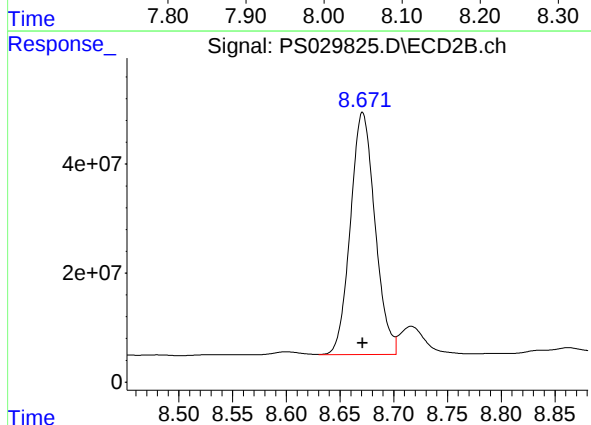
#9 2,4-D

R.T.: 8.030 min
Delta R.T.: -0.012 min
Response: 1738546987
Conc: 721.51 ng/ml

Instrument :
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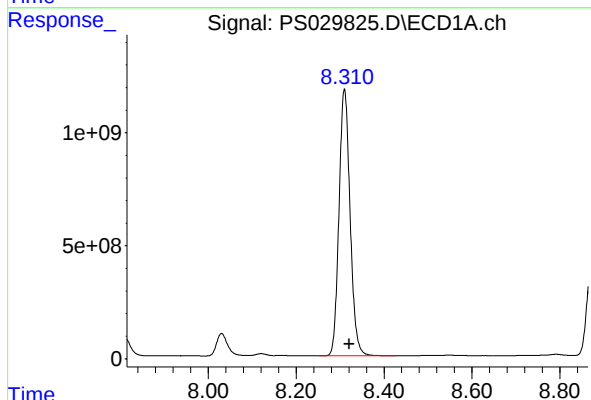
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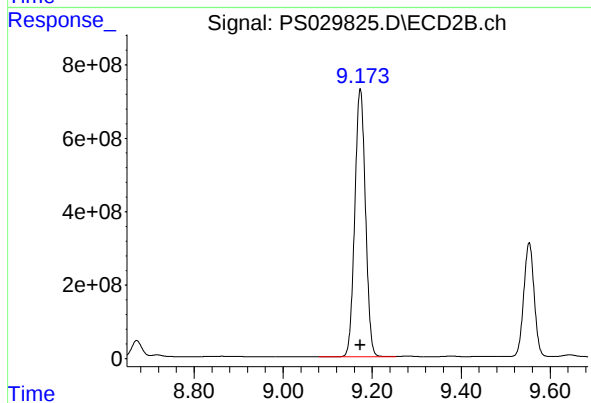
#9 2,4-D

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 708215344
Conc: 656.69 ng/ml



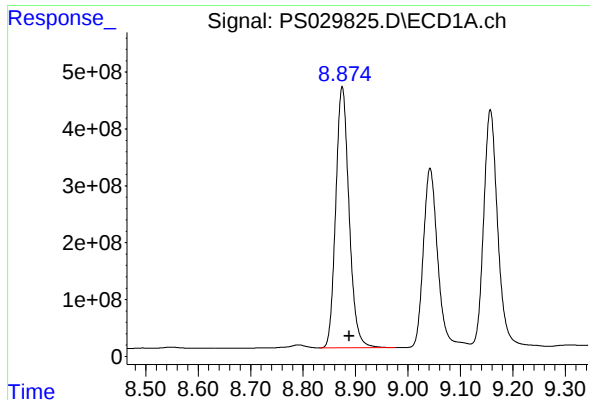
#10 Pentachlorophenol

R.T.: 8.310 min
Delta R.T.: -0.011 min
Response: 20614236626
Conc: 677.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.173 min
Delta R.T.: 0.000 min
Response: 12150381134
Conc: 677.74 ng/ml



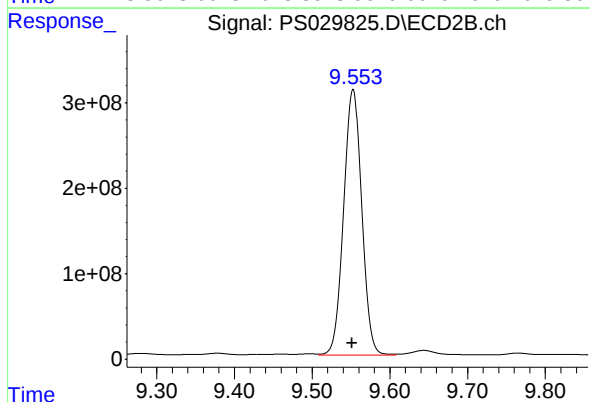
#11 2,4,5-TP (SILVEX)

R.T.: 8.875 min
Delta R.T.: -0.013 min
Response: 8107348210
Conc: 697.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167608BS

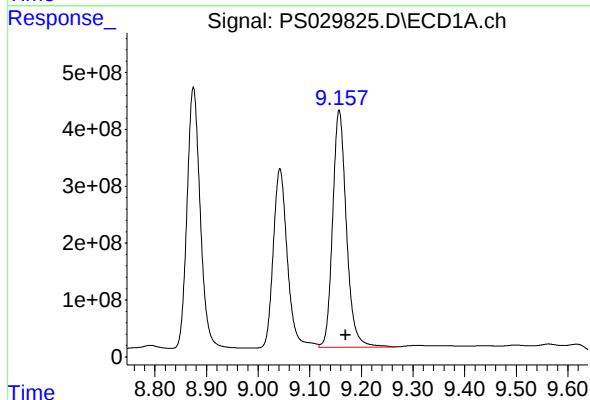
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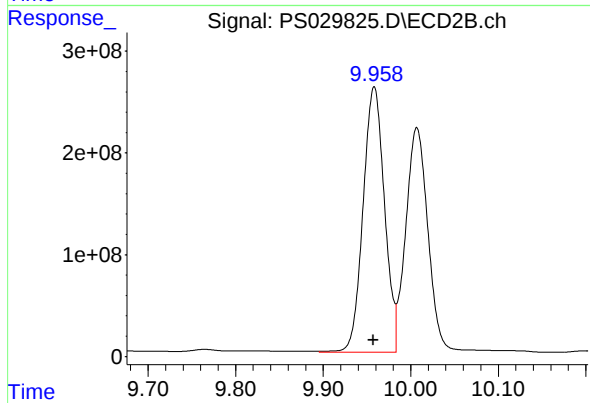
#11 2,4,5-TP (SILVEX)

R.T.: 9.553 min
Delta R.T.: 0.001 min
Response: 5048294998
Conc: 699.89 ng/ml



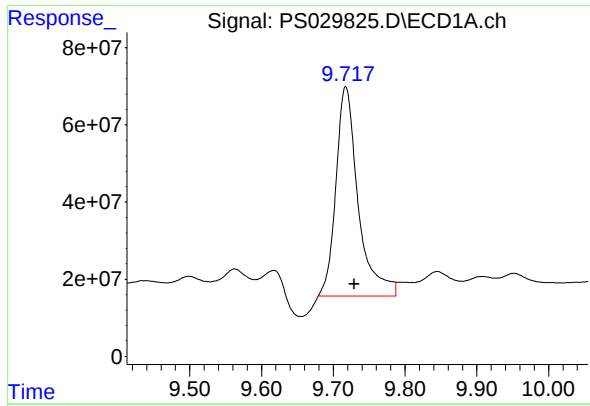
#12 2,4,5-T

R.T.: 9.157 min
Delta R.T.: -0.013 min
Response: 7738195536
Conc: 672.63 ng/ml



#12 2,4,5-T

R.T.: 9.958 min
Delta R.T.: 0.001 min
Response: 4425907941
Conc: 660.30 ng/ml



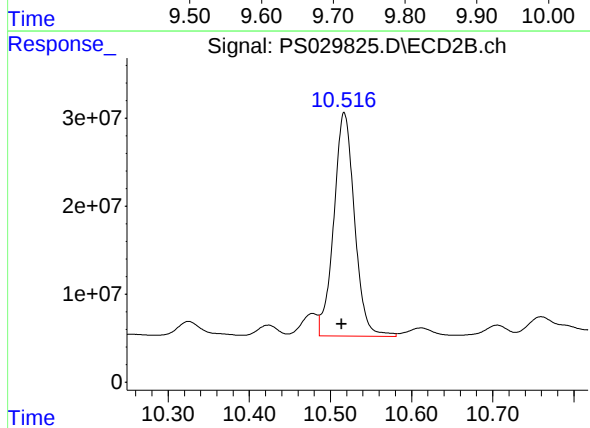
#13 2,4-DB

R.T.: 9.717 min
Delta R.T.: -0.013 min
Response: 1167165717
Conc: 642.45 ng/ml

Instrument :
ECD_S
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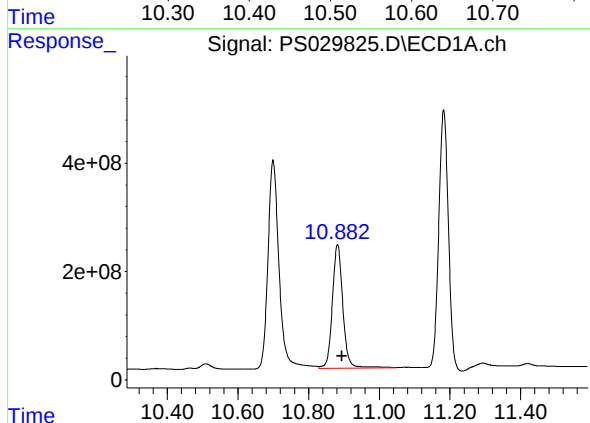
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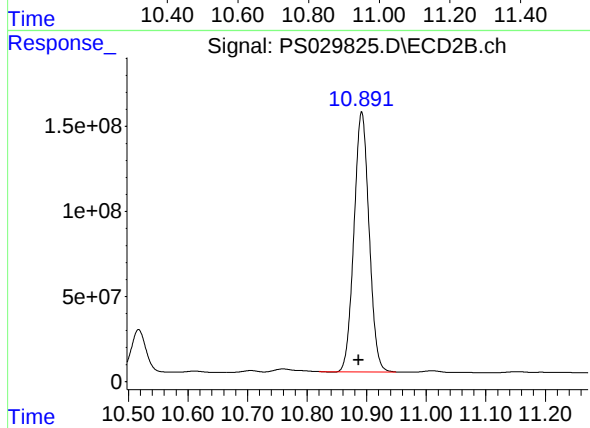
#13 2,4-DB

R.T.: 10.516 min
Delta R.T.: 0.002 min
Response: 450851450
Conc: 607.64 ng/ml



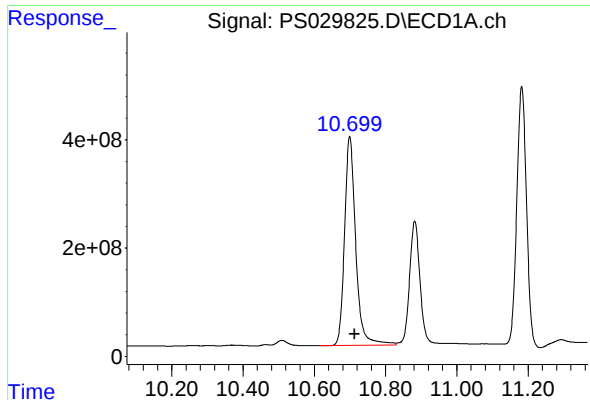
#14 DINOSEB

R.T.: 10.882 min
Delta R.T.: -0.013 min
Response: 4727893296
Conc: 560.04 ng/ml



#14 DINOSEB

R.T.: 10.892 min
Delta R.T.: 0.005 min
Response: 2687362669
Conc: 525.61 ng/ml



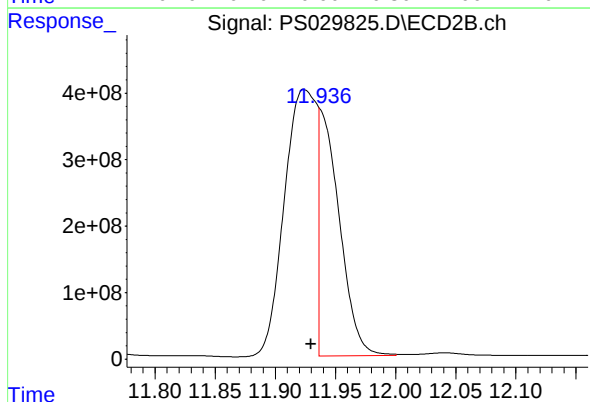
#15 Picloram

R.T.: 10.699 min
Delta R.T.: -0.014 min
Response: 8405657321
Conc: 542.29 ng/ml

Instrument :
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PB167608BS

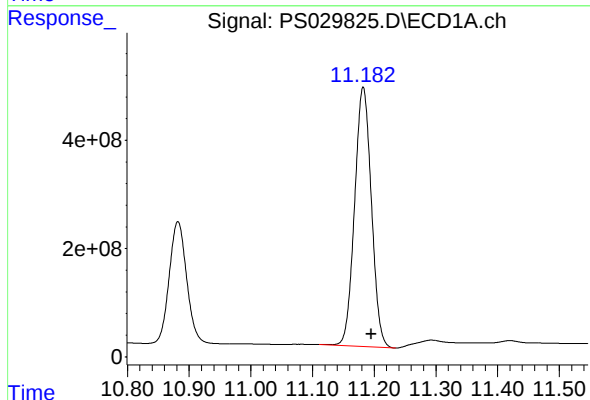
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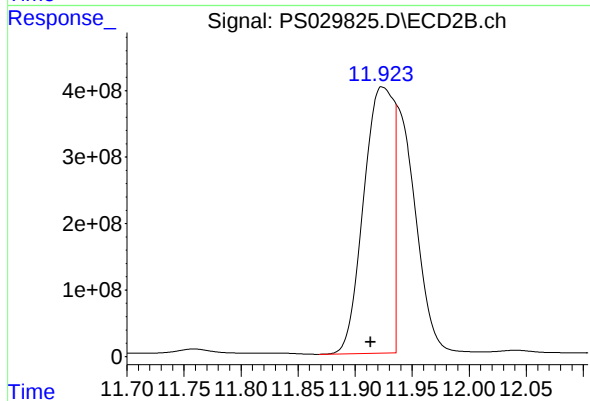
#15 Picloram

R.T.: 11.936 min
Delta R.T.: 0.007 min
Response: 4328535855
Conc: 366.07 ng/ml



#16 DCPA

R.T.: 11.182 min
Delta R.T.: -0.013 min
Response: 9056995199
Conc: 648.50 ng/ml



#16 DCPA

R.T.: 11.923 min
Delta R.T.: 0.009 min
Response: 7143595220
Conc: 807.13 ng/ml