

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040225\
 Data File : PS029661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Apr 2025 20:44
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 21:51:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 21:45:08 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	6.962	7.475	2841.0E6	981.8E6	1435.303	1487.406
Target Compounds						
1) T Dalapon	2.462	2.532	4108.4E6	1942.9E6	1258.290	1266.710
2) T 3,5-DICHL...	6.164	6.469	3928.4E6	1296.2E6	1335.806	1381.746
3) T 4-Nitroph...	6.752	7.009	1875.7E6	929.8E6	1377.303	1360.341
5) T DICAMBA	7.139	7.661	10886.5E6	5336.9E6	1314.829	1461.273
6) T MCPP	7.321	7.771	837.1E6	239.9E6	151.995	136.979
7) T MCPA	7.464	8.003	1077.4E6	321.6E6	146.013	141.540
8) T DICHLORPROP	7.821	8.356	2998.8E6	1359.0E6	1449.942	1501.547
9) T 2,4-D	8.041	8.670	3352.7E6	1534.4E6	1478.541	1529.798
10) T Pentachlo...	8.320	9.173	41860.3E6	24798.8E6	1439.850	1399.475
11) T 2,4,5-TP ...	8.887	9.551	15973.5E6	10314.3E6	1411.040	1461.696
12) T 2,4,5-T	9.169	9.956	15670.7E6	9380.7E6	1384.705	1419.436
13) T 2,4-DB	9.729	10.514	2397.1E6	1045.2E6	1276.563	1461.825
14) T DINOSEB	10.894	10.886	11584.2E6	7136.0E6	1396.490	1440.994
15) T Picloram	10.712	11.927	21908.2E6	17647.2E6	1442.814	1591.730m
16) T DCPA	11.195	11.918	19405.2E6	13389.7E6	1409.141	1332.294m

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

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Acq On : 02 Apr 2025 20:44
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 12 Sample Multiplier: 1

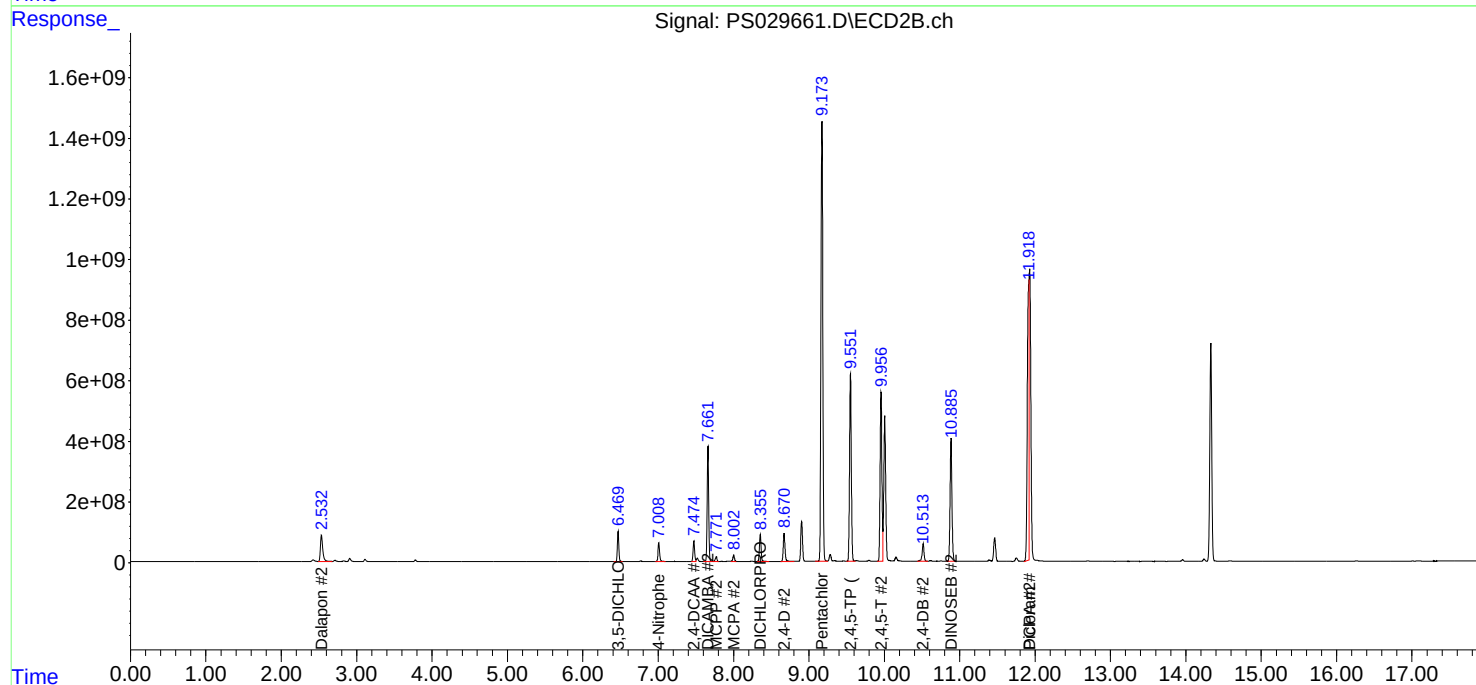
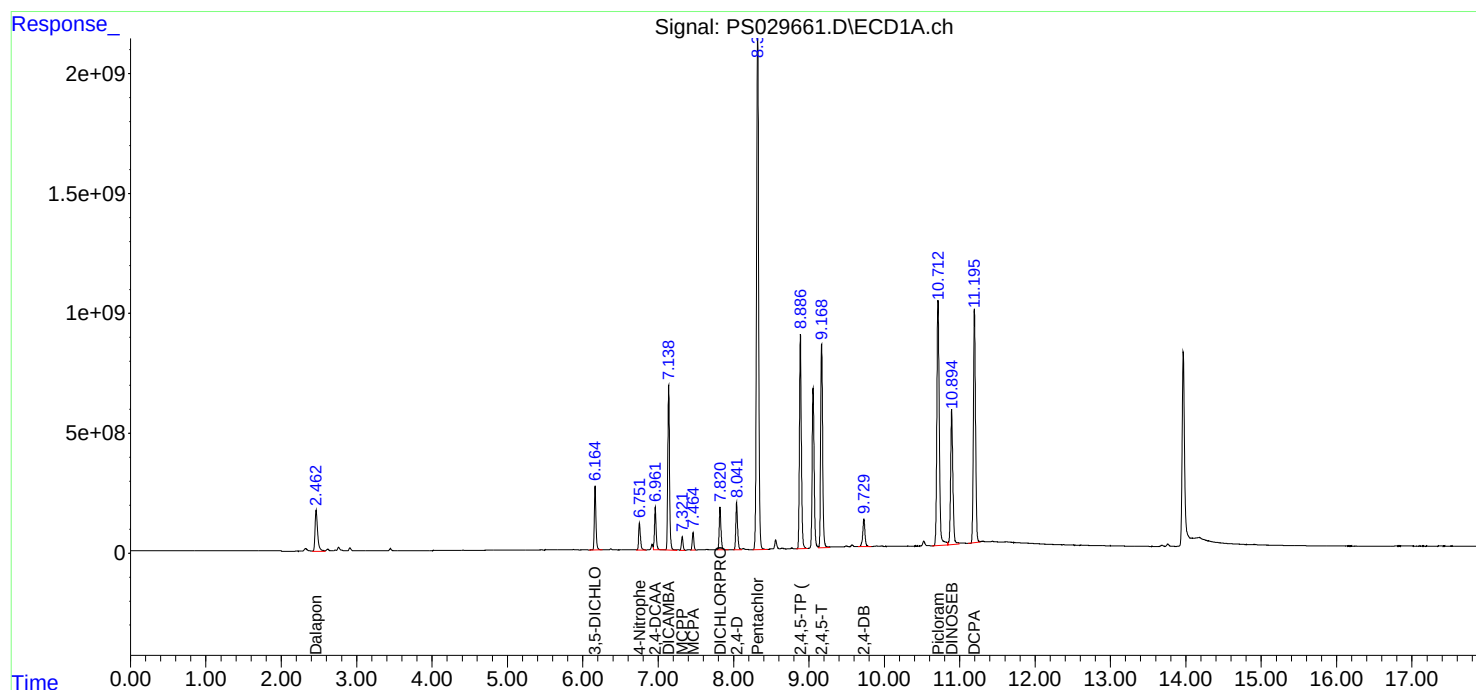
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

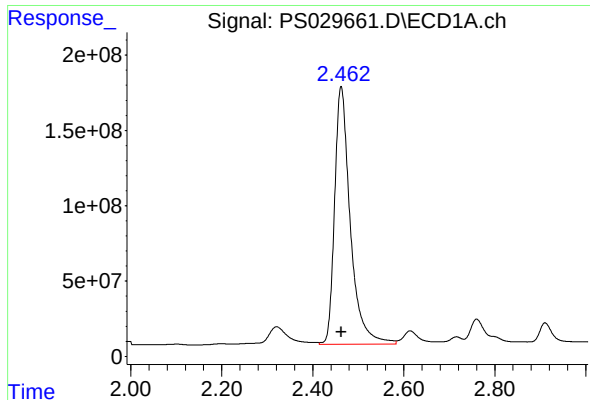
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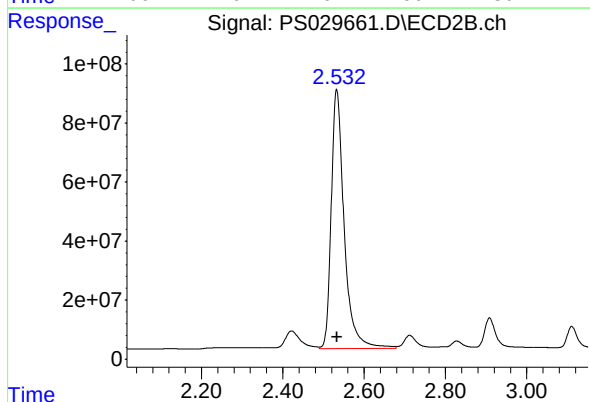
#1 Dalapon

R.T.: 2.462 min
Delta R.T.: 0.000 min
Response: 4108358980
Conc: 1258.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

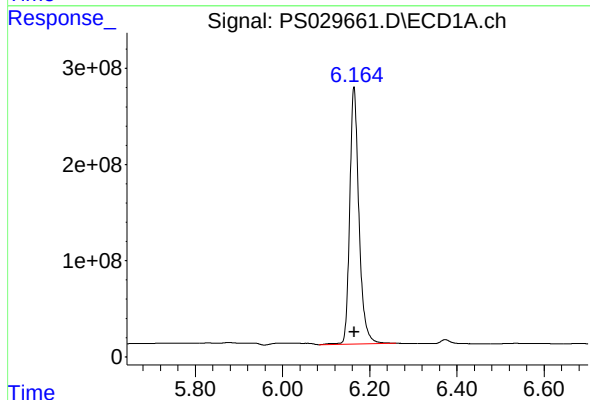
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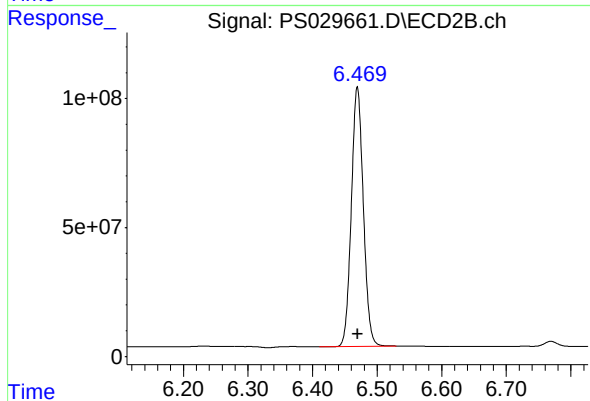
#1 Dalapon

R.T.: 2.532 min
Delta R.T.: 0.000 min
Response: 1942871242
Conc: 1266.71 ng/ml



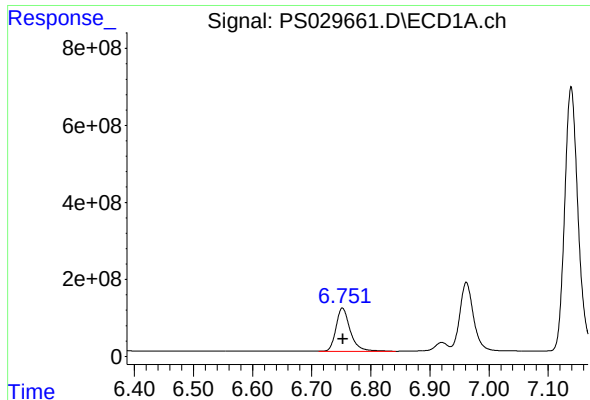
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 3928433575
Conc: 1335.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 1296248758
Conc: 1381.75 ng/ml



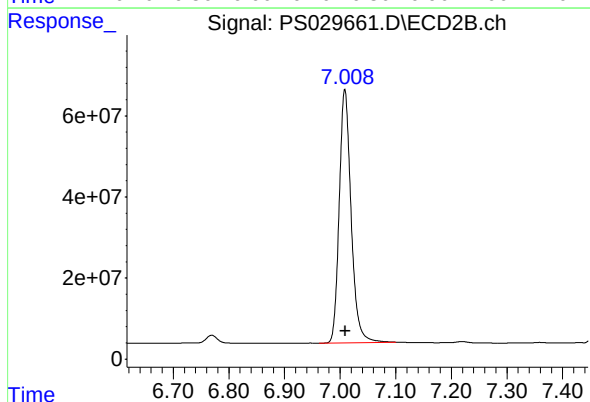
#3 4-Nitrophenol

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 1875650660
Conc: 1377.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

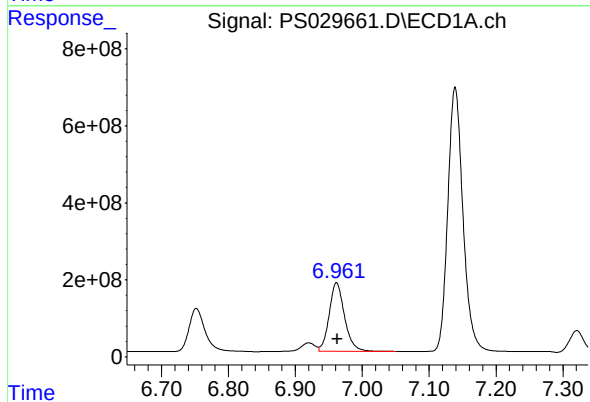
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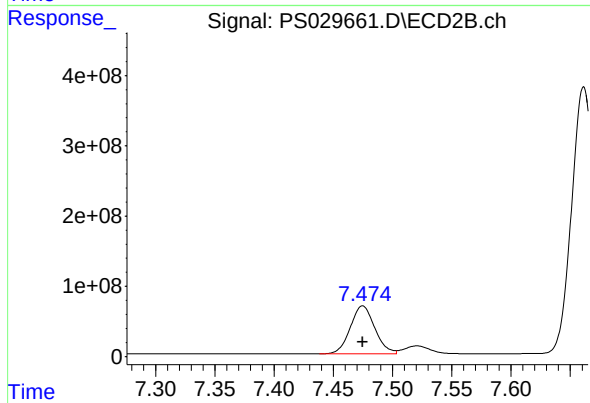
#3 4-Nitrophenol

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 929783256
Conc: 1360.34 ng/ml



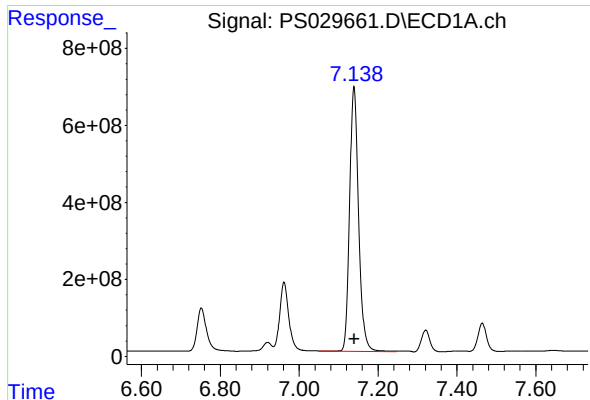
#4 2,4-DCAA

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2840950026
Conc: 1435.30 ng/ml



#4 2,4-DCAA

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 981839106
Conc: 1487.41 ng/ml



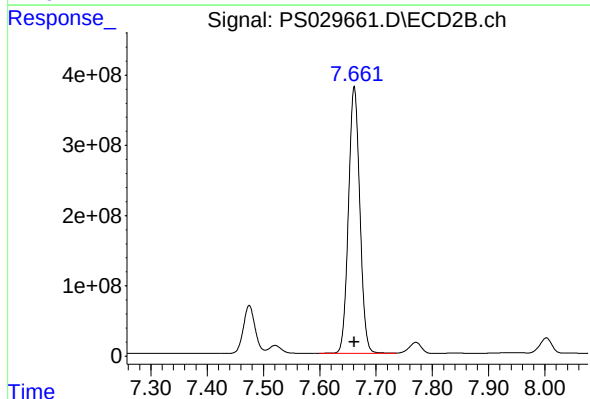
#5 DICAMBA

R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 10886487221
Conc: 1314.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

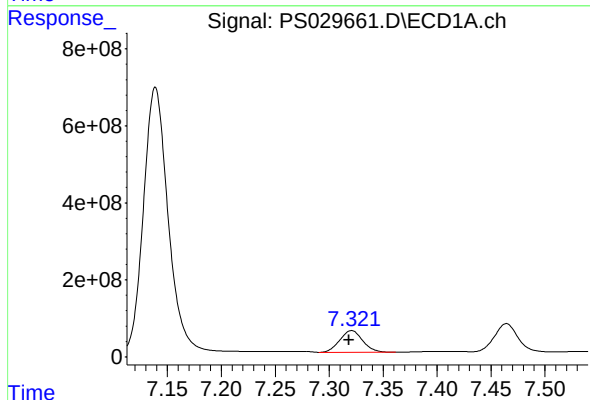
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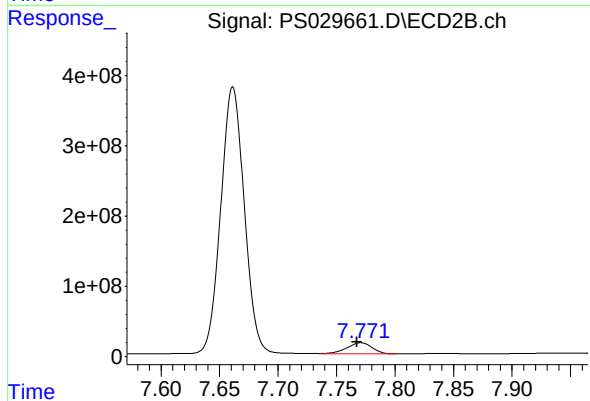
#5 DICAMBA

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 5336929441
Conc: 1461.27 ng/ml



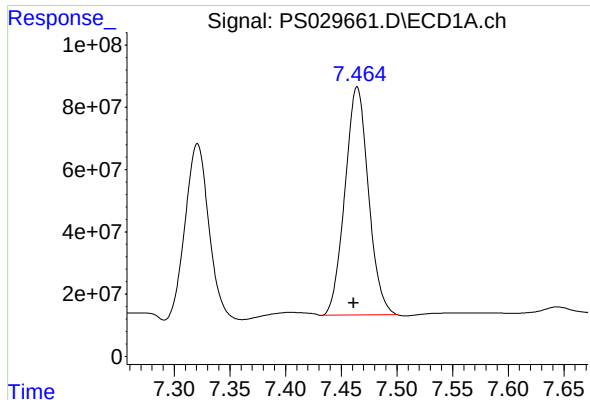
#6 MCPP

R.T.: 7.321 min
Delta R.T.: 0.003 min
Response: 837102081
Conc: 152.00 ug/ml



#6 MCPP

R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 239877882
Conc: 136.98 ug/ml



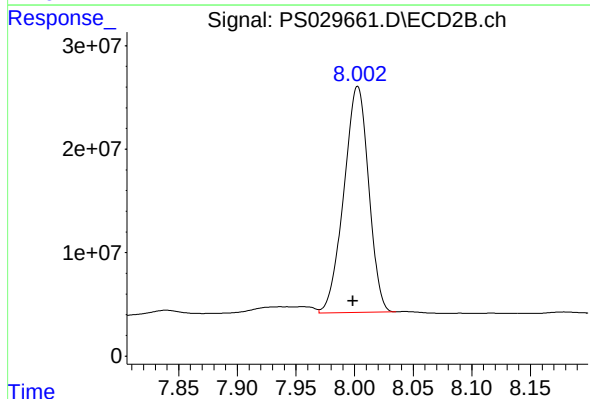
#7 MCPA

R.T.: 7.464 min
Delta R.T.: 0.003 min
Response: 1077350418
Conc: 146.01 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

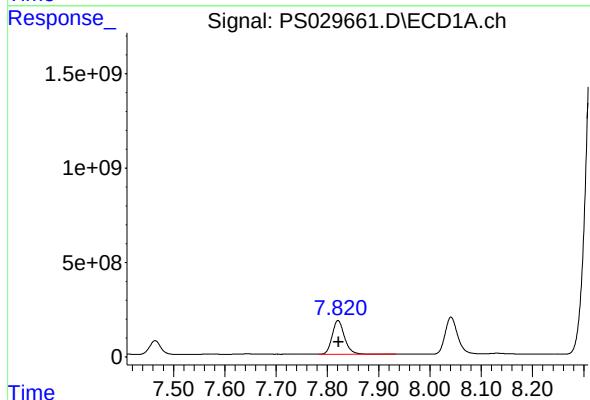
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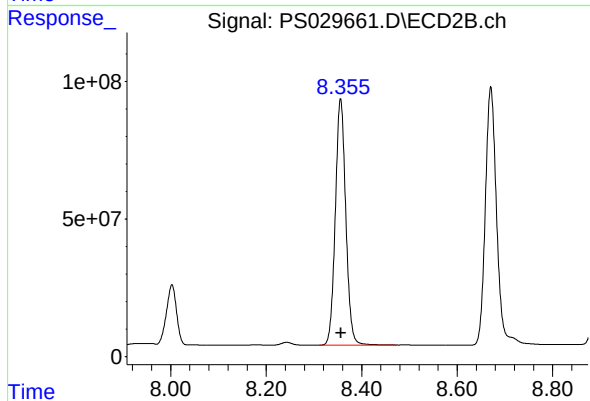
#7 MCPA

R.T.: 8.003 min
Delta R.T.: 0.004 min
Response: 321610430
Conc: 141.54 ug/ml



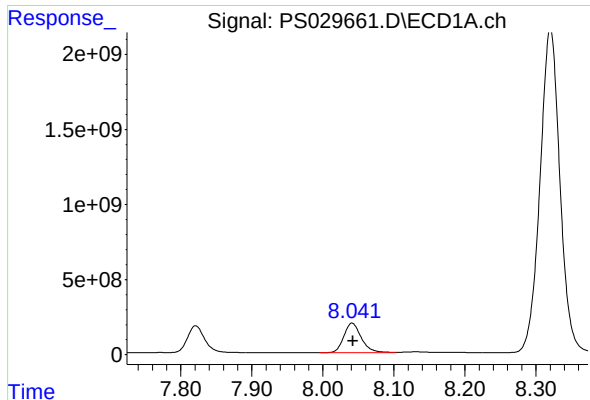
#8 DICHLORPROP

R.T.: 7.821 min
Delta R.T.: -0.001 min
Response: 2998787481
Conc: 1449.94 ng/ml



#8 DICHLORPROP

R.T.: 8.356 min
Delta R.T.: 0.000 min
Response: 1358996852
Conc: 1501.55 ng/ml



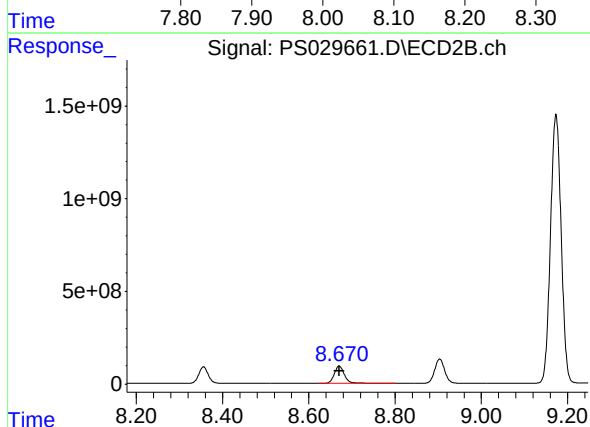
#9 2,4-D

R.T.: 8.041 min
Delta R.T.: -0.001 min
Response: 3352707918
Conc: 1478.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

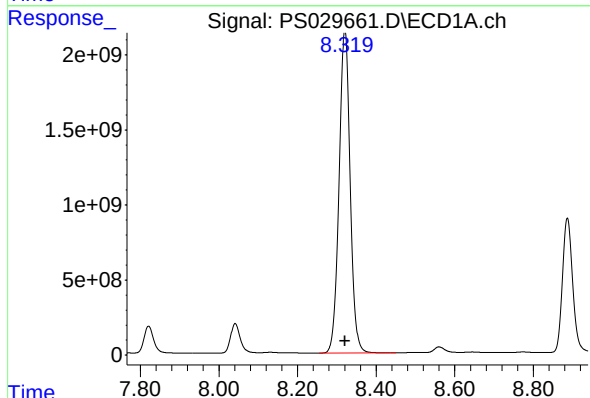
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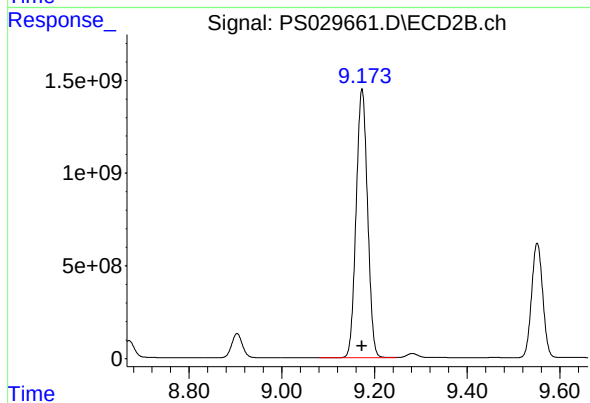
#9 2,4-D

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 1534428295
Conc: 1529.80 ng/ml



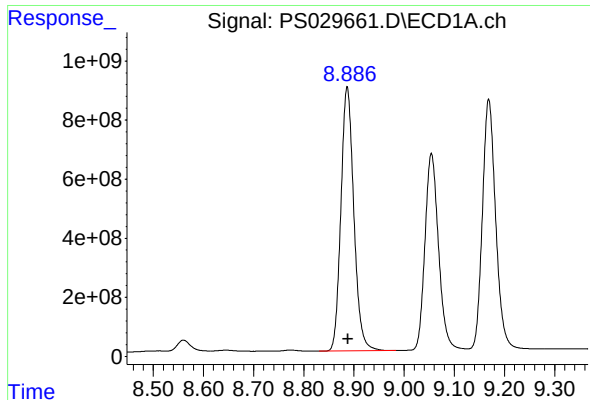
#10 Pentachlorophenol

R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 41860303298
Conc: 1439.85 ng/ml



#10 Pentachlorophenol

R.T.: 9.173 min
Delta R.T.: 0.000 min
Response: 24798795122
Conc: 1399.48 ng/ml



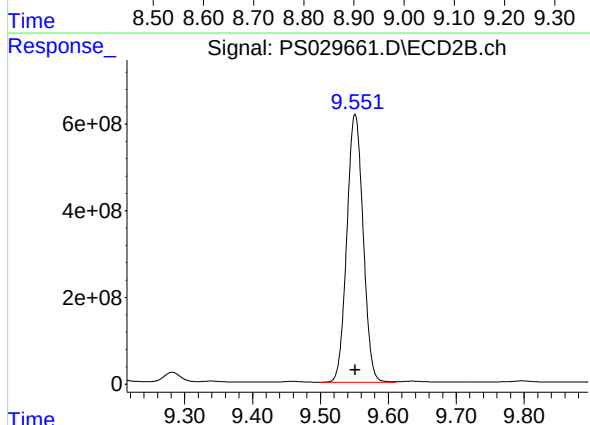
#11 2,4,5-TP (SILVEX)

R.T.: 8.887 min
Delta R.T.: -0.001 min
Response: 15973508319
Conc: 1411.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

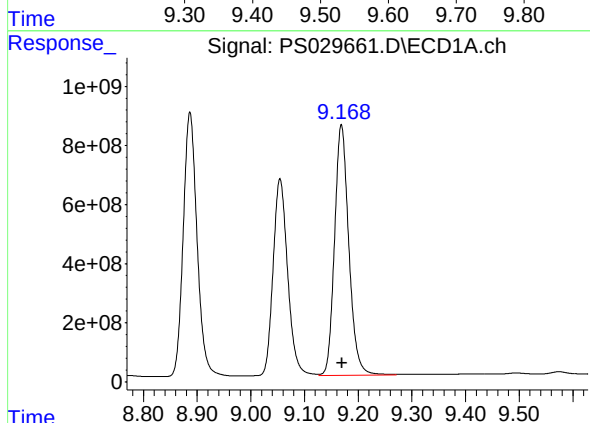
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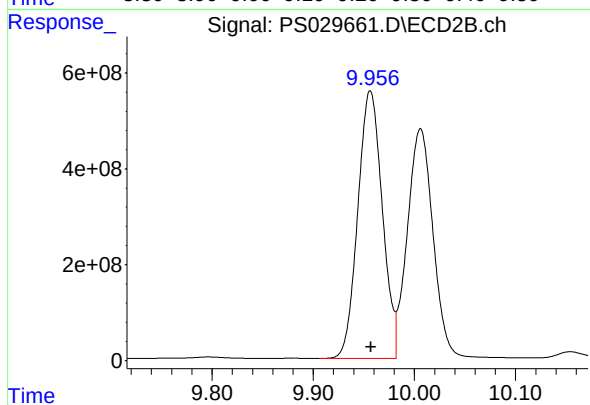
#11 2,4,5-TP (SILVEX)

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 10314285572
Conc: 1461.70 ng/ml



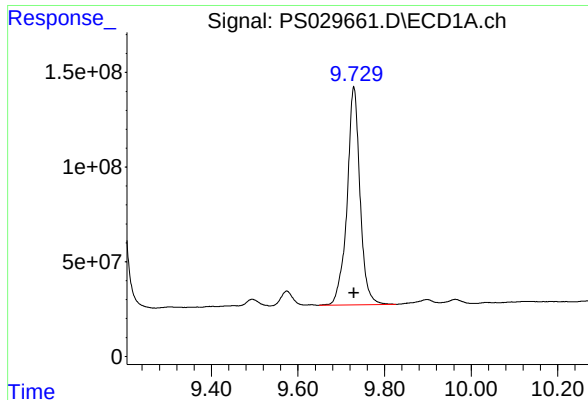
#12 2,4,5-T

R.T.: 9.169 min
Delta R.T.: -0.001 min
Response: 15670680767
Conc: 1384.71 ng/ml



#12 2,4,5-T

R.T.: 9.956 min
Delta R.T.: 0.000 min
Response: 9380678174
Conc: 1419.44 ng/ml



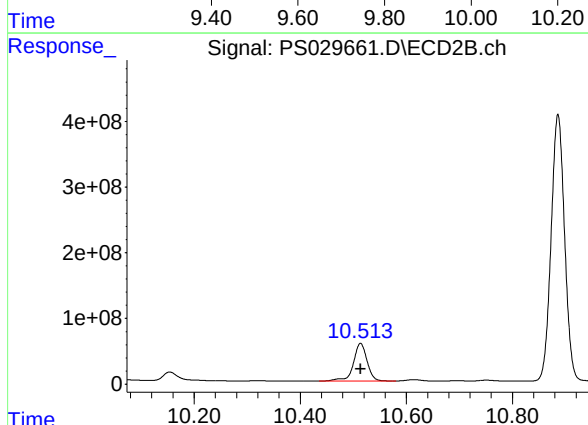
#13 2,4-DB

R.T.: 9.729 min
Delta R.T.: 0.000 min
Response: 2397133404
Conc: 1276.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

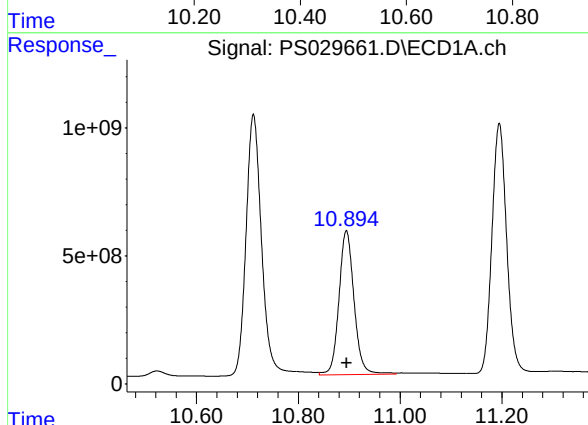
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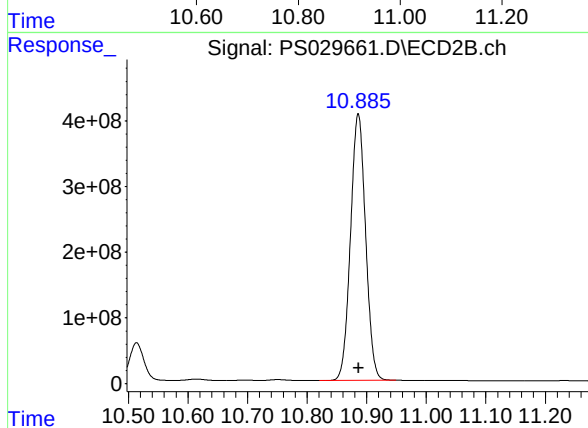
#13 2,4-DB

R.T.: 10.514 min
Delta R.T.: 0.000 min
Response: 1045195523
Conc: 1461.83 ng/ml



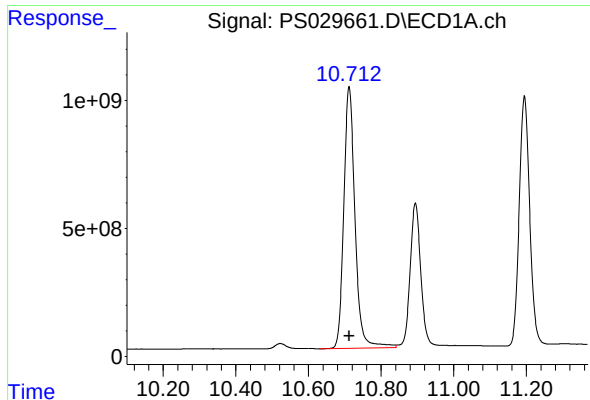
#14 DINOSEB

R.T.: 10.894 min
Delta R.T.: 0.000 min
Response: 11584240374
Conc: 1396.49 ng/ml



#14 DINOSEB

R.T.: 10.886 min
Delta R.T.: 0.000 min
Response: 7136024947
Conc: 1440.99 ng/ml



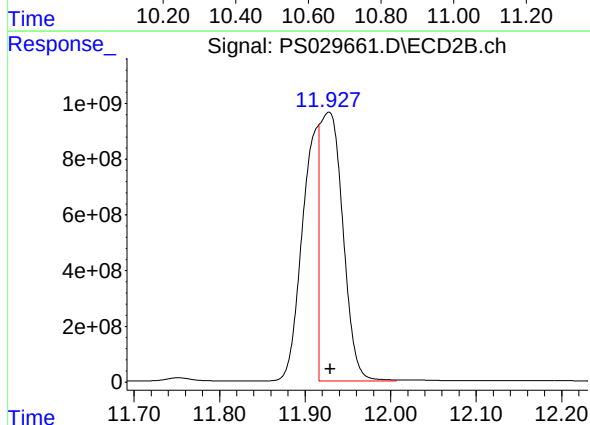
#15 Picloram

R.T.: 10.712 min
Delta R.T.: -0.001 min
Response: 21908246614
Conc: 1442.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

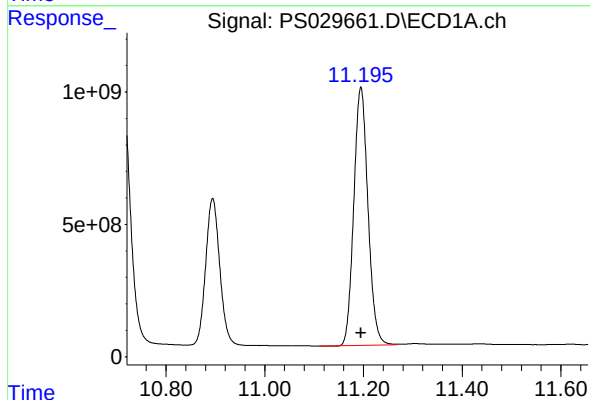
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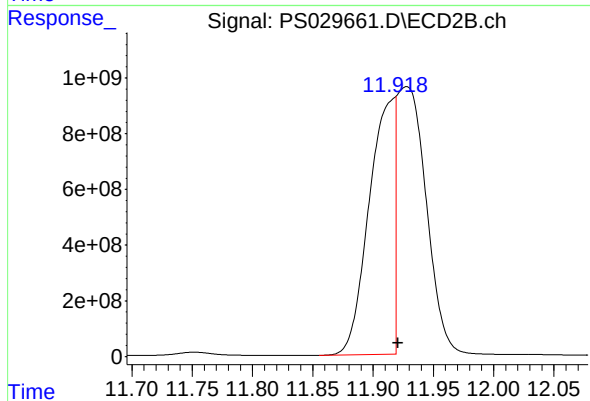
#15 Picloram

R.T.: 11.927 min
Delta R.T.: -0.002 min
Response: 17647184452
Conc: 1591.73 ng/ml m



#16 DCPA

R.T.: 11.195 min
Delta R.T.: 0.000 min
Response: 19405207559
Conc: 1409.14 ng/ml



#16 DCPA

R.T.: 11.918 min
Delta R.T.: -0.002 min
Response: 13389723415
Conc: 1332.29 ng/ml m