

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 10:49
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 11:17:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 11:13:29 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	6.732	7.302	5303.9E6	1799.8E6	1439.958	1486.968
Target Compounds						
1) T Dalapon	2.312	2.407	8267.7E6	4399.1E6	1337.165	1351.228
2) T 3,5-DICHL...	5.966	6.320	7386.5E6	2319.4E6	1340.888	1373.644
3) T 4-Nitroph...	6.526	6.840	2916.8E6	2085.6E6	1346.361	1361.344
5) T DICAMBA	6.904	7.483	21891.8E6	10736.5E6	1362.022	1398.441
6) T MCPP	7.089	7.600	1672.0E6	424.7E6	146.816	141.809
7) T MCPA	7.230	7.828	2049.1E6	547.0E6	143.744	138.838
8) T DICHLORPROP	7.570	8.168	5140.3E6	2468.1E6	1363.466	1389.824
9) T 2,4-D	7.785	8.476	5492.3E6	2702.1E6	1366.457	1393.044
10) T Pentachlo...	8.061	8.965	54143.0E6	45317.0E6	1119.589	1266.035
11) T 2,4,5-TP ...	8.609	9.344	30624.2E6	21292.7E6	1360.349	1378.062
12) T 2,4,5-T	8.885	9.743	28488.6E6	19397.8E6	1372.430	1385.174
13) T 2,4-DB	9.433	10.296	4782.4E6	1887.2E6	1421.384	1429.464
14) T DINOSEB	10.573	10.664	23097.0E6	14904.0E6	1356.529	1388.302
15) T Picloram	10.394	11.682	37002.1E6	31344.7E6	1406.690	1314.947m
16) T DCPA	10.874	11.675	37745.4E6	27147.4E6	1360.685	1279.046m

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

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Acq On : 02 Jun 2025 10:49
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

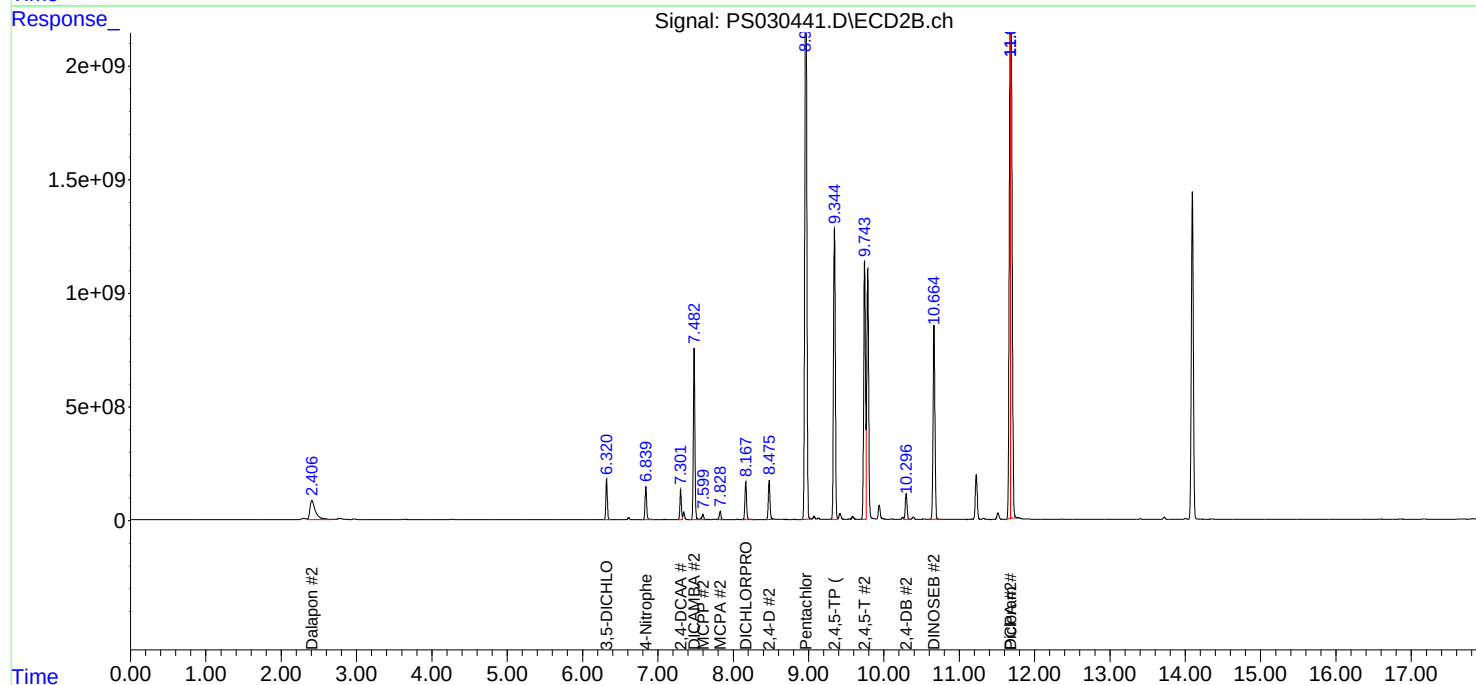
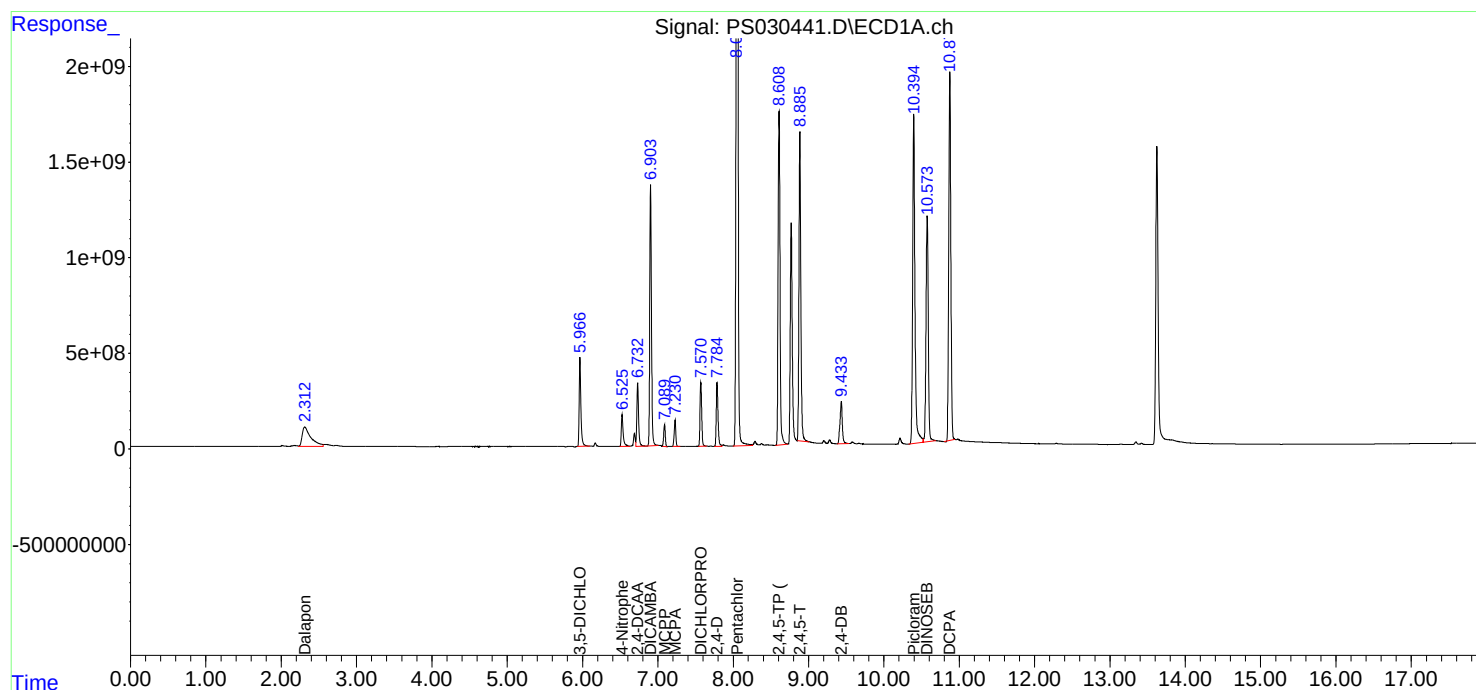
Instrument :
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ClientSampleId :
HSTDICC1500

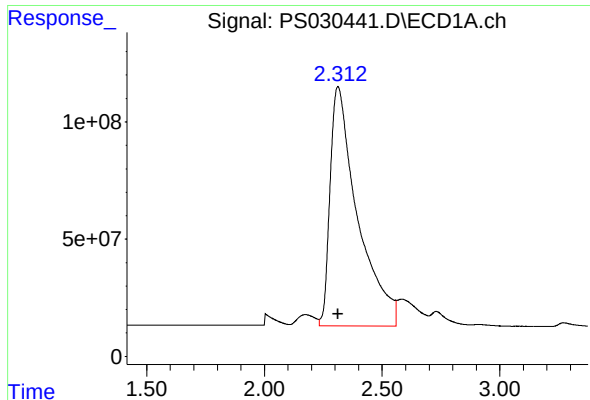
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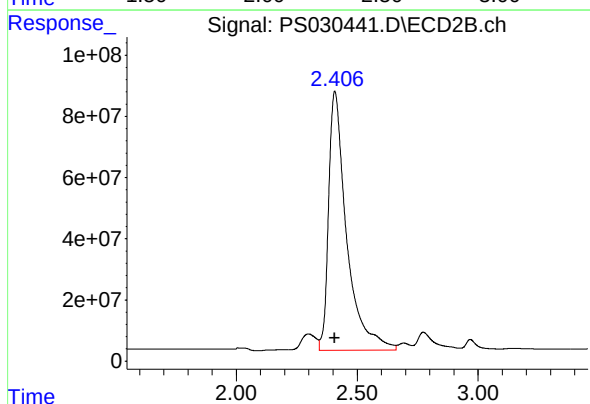
#1 Dalapon

R.T.: 2.312 min
Delta R.T.: 0.000 min
Response: 8267656244
Conc: 1337.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

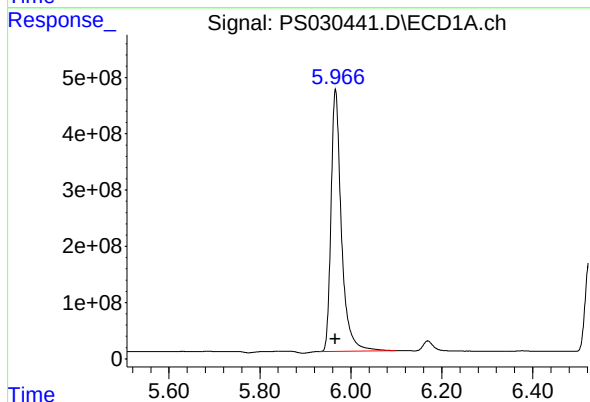
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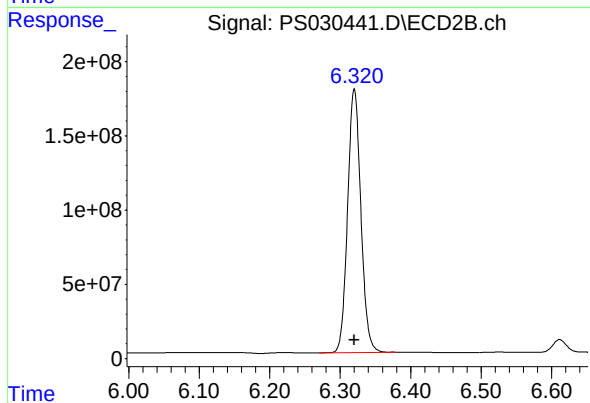
#1 Dalapon

R.T.: 2.407 min
Delta R.T.: 0.000 min
Response: 4399140236
Conc: 1351.23 ng/ml



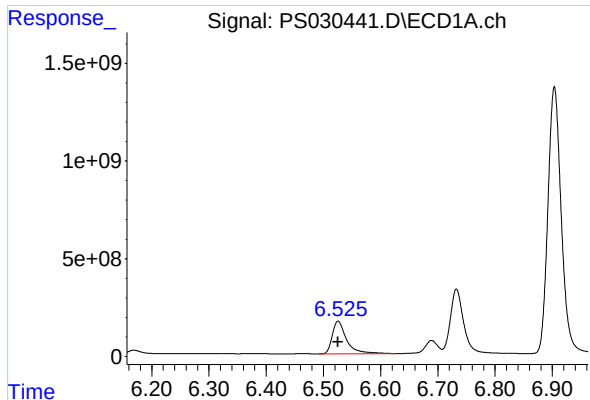
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 7386479490
Conc: 1340.89 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 2319410917
Conc: 1373.64 ng/ml



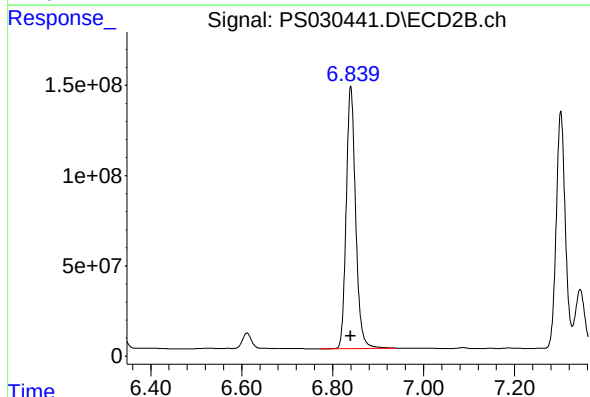
#3 4-Nitrophenol

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 2916815288
Conc: 1346.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

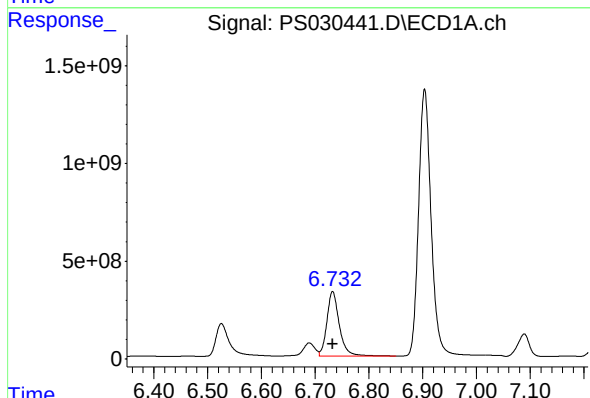
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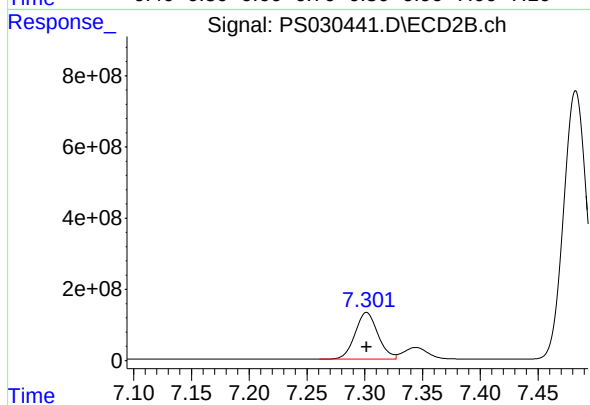
#3 4-Nitrophenol

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 2085632079
Conc: 1361.34 ng/ml



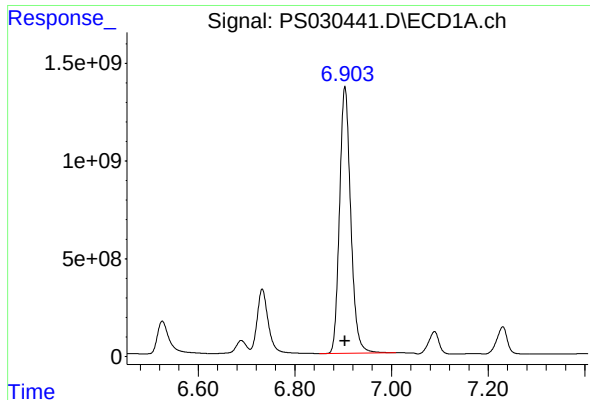
#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 5303904816
Conc: 1439.96 ng/ml



#4 2,4-DCAA

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 1799825878
Conc: 1486.97 ng/ml



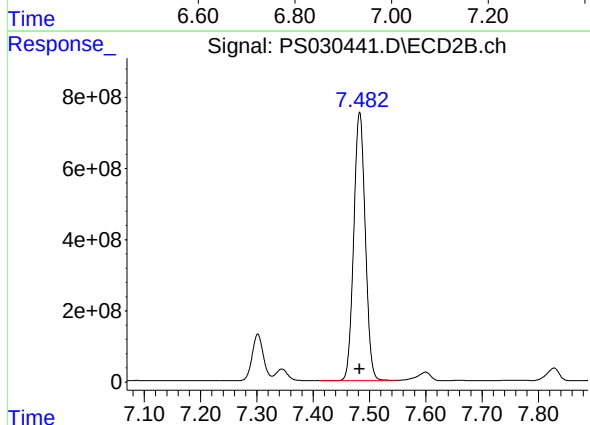
#5 DICAMBA

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 21891800428
Conc: 1362.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

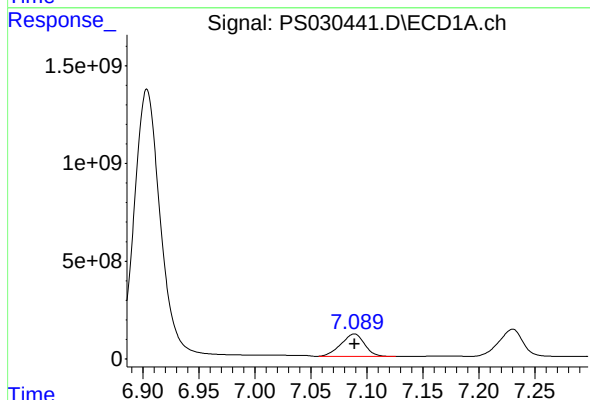
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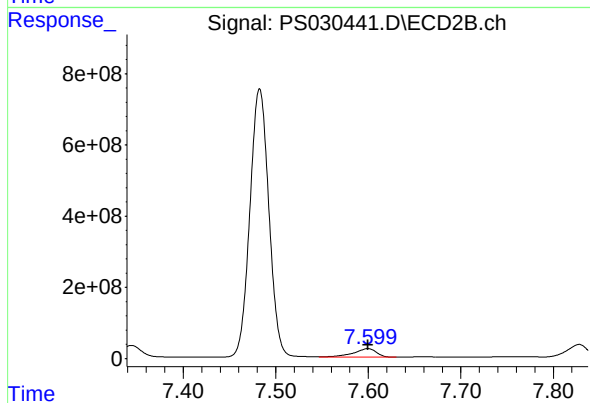
#5 DICAMBA

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 10736540760
Conc: 1398.44 ng/ml



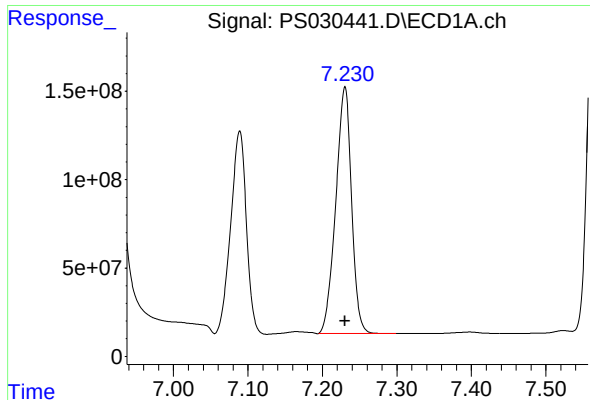
#6 MCPP

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 1672018130
Conc: 146.82 ug/ml



#6 MCPP

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 424705173
Conc: 141.81 ug/ml



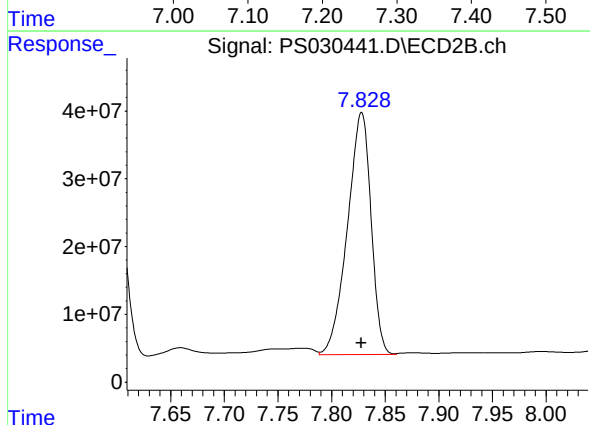
#7 MCPA

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 2049068349
Conc: 143.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

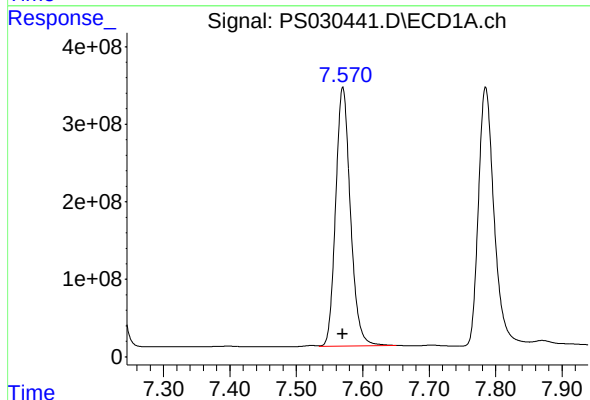
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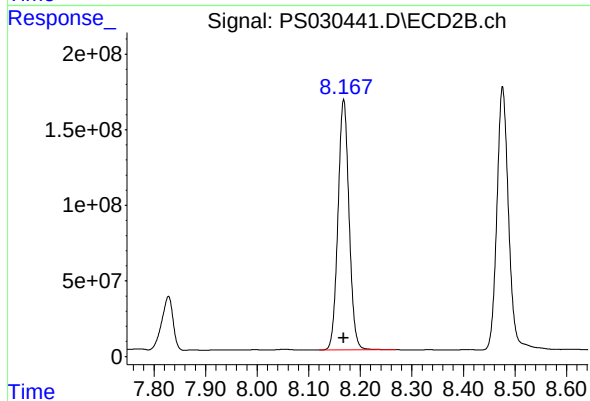
#7 MCPA

R.T.: 7.828 min
Delta R.T.: 0.000 min
Response: 547004164
Conc: 138.84 ug/ml



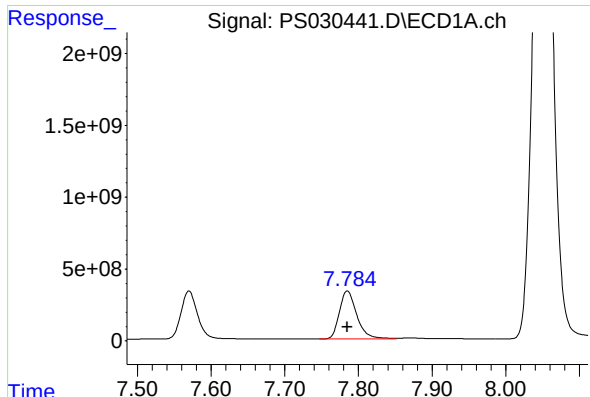
#8 DICHLORPROP

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 5140310511
Conc: 1363.47 ng/ml



#8 DICHLORPROP

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 2468136765
Conc: 1389.82 ng/ml



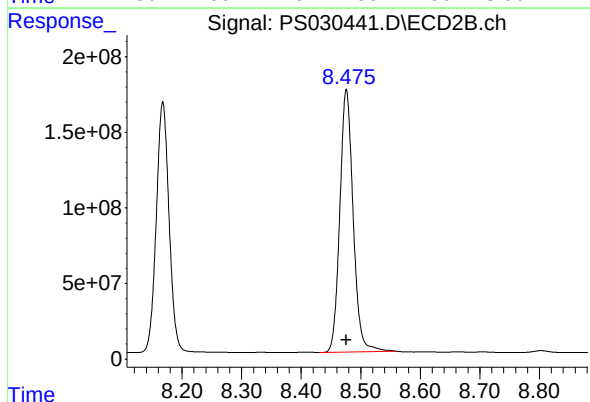
#9 2,4-D

R.T.: 7.785 min
Delta R.T.: 0.000 min
Response: 5492343038
Conc: 1366.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

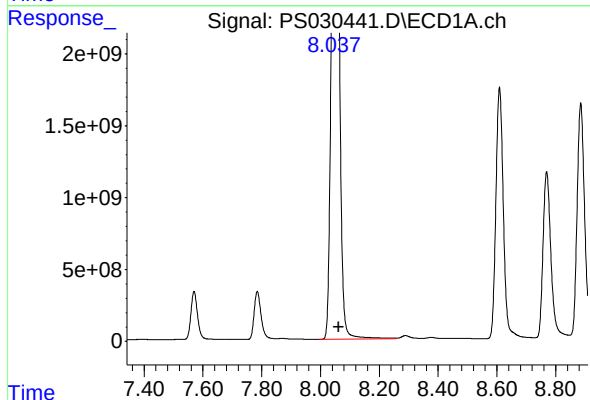
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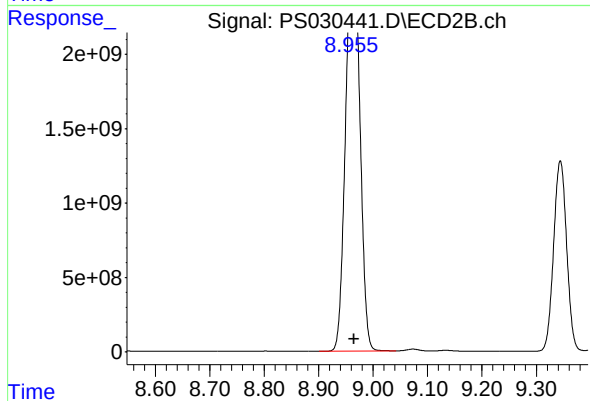
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 2702128910
Conc: 1393.04 ng/ml



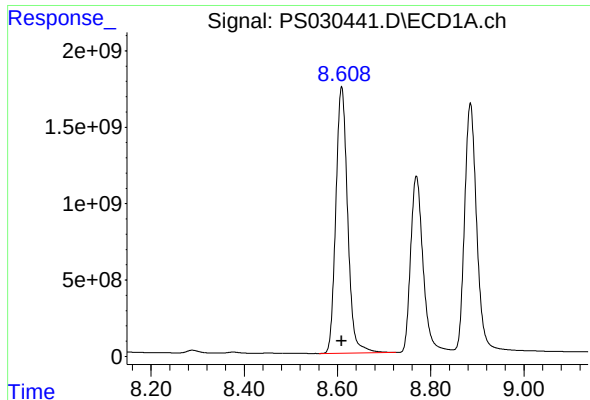
#10 Pentachlorophenol

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 54143027140
Conc: 1119.59 ng/ml



#10 Pentachlorophenol

R.T.: 8.965 min
Delta R.T.: 0.000 min
Response: 45316973432
Conc: 1266.03 ng/ml



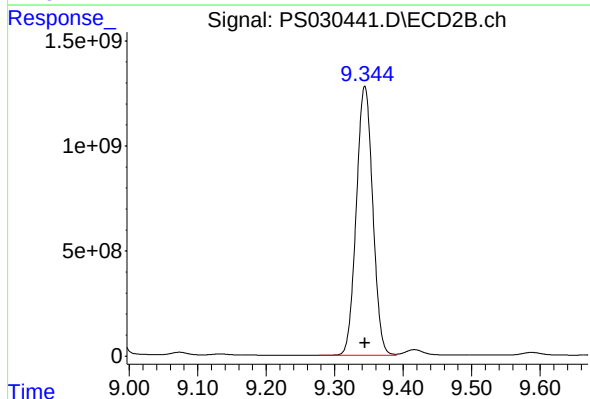
#11 2,4,5-TP (SILVEX)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 30624249096
Conc: 1360.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

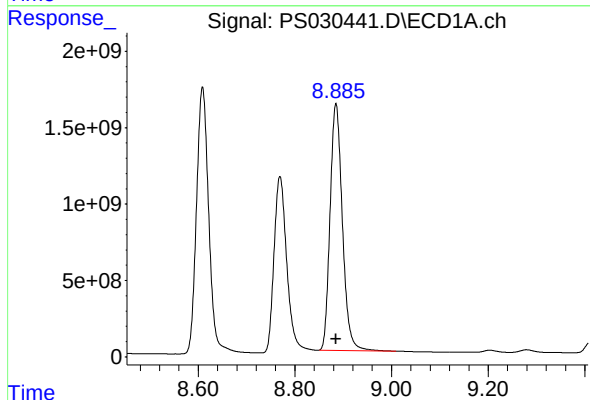
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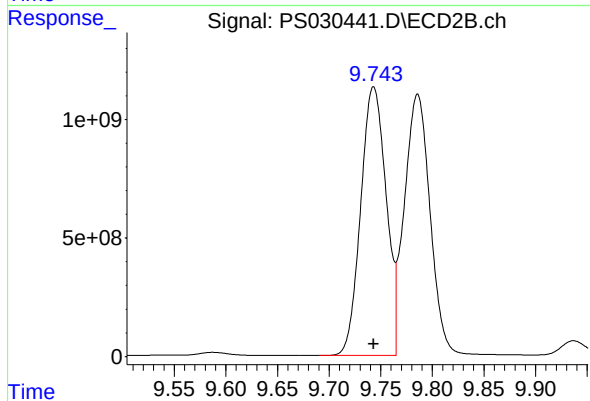
#11 2,4,5-TP (SILVEX)

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 21292655771
Conc: 1378.06 ng/ml



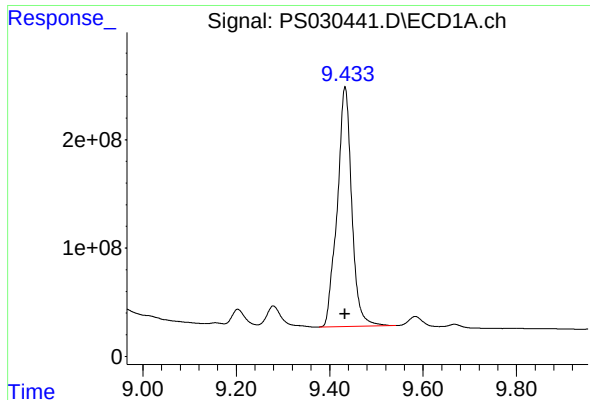
#12 2,4,5-T

R.T.: 8.885 min
Delta R.T.: 0.000 min
Response: 28488601985
Conc: 1372.43 ng/ml



#12 2,4,5-T

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 19397803656
Conc: 1385.17 ng/ml



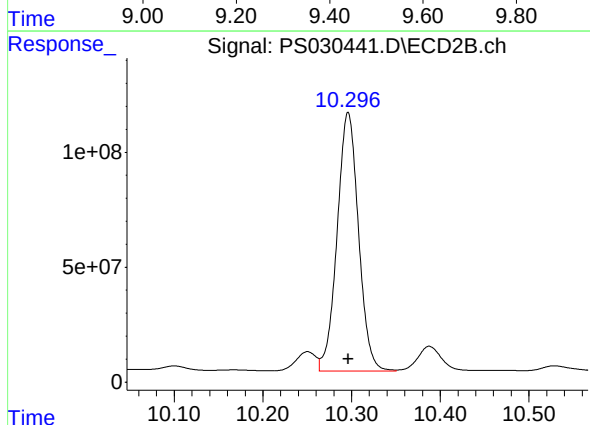
#13 2,4-DB

R.T.: 9.433 min
Delta R.T.: 0.000 min
Response: 4782415759
Conc: 1421.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

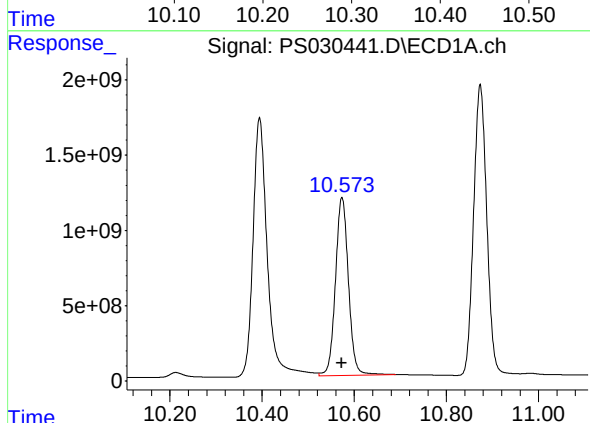
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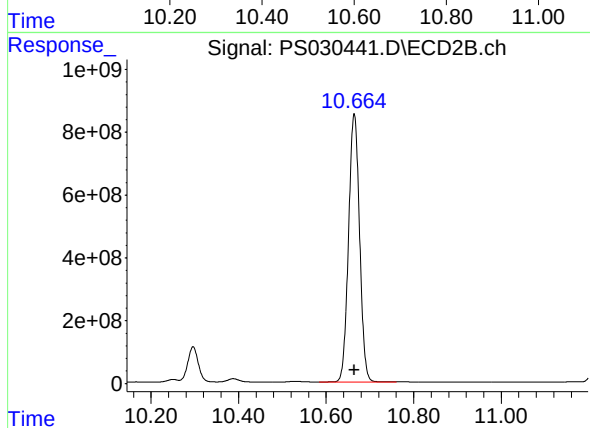
#13 2,4-DB

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 1887161293
Conc: 1429.46 ng/ml



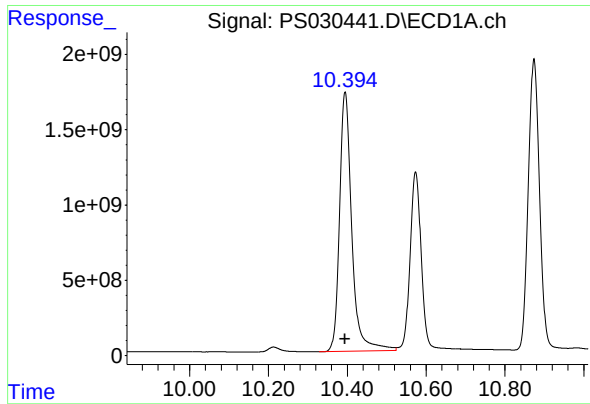
#14 DINOSEB

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 23096990811
Conc: 1356.53 ng/ml



#14 DINOSEB

R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 14904043589
Conc: 1388.30 ng/ml



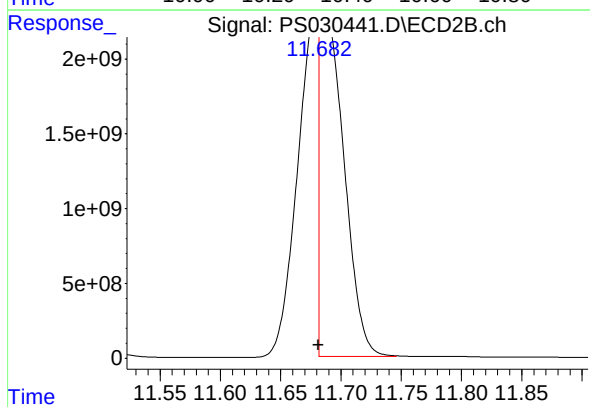
#15 Picloram

R.T.: 10.394 min
Delta R.T.: 0.000 min
Response: 37002103588
Conc: 1406.69 ng/ml

Instrument :
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ClientSampleId :
HSTDICC1500

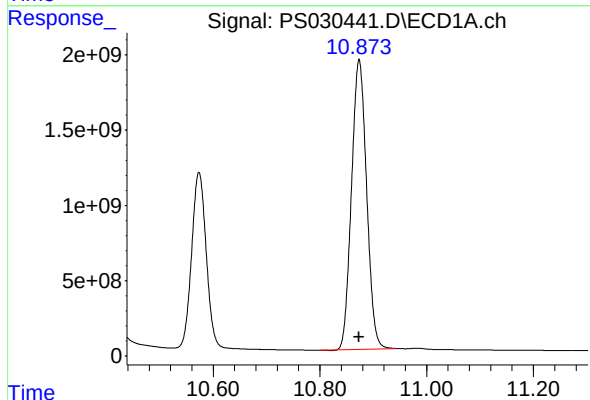
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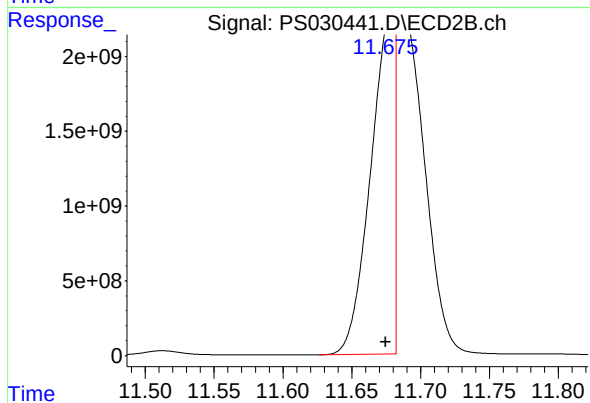
#15 Picloram

R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 31344707757
Conc: 1314.95 ng/ml m



#16 DCPA

R.T.: 10.874 min
Delta R.T.: 0.000 min
Response: 37745354291
Conc: 1360.69 ng/ml



#16 DCPA

R.T.: 11.675 min
Delta R.T.: 0.000 min
Response: 27147423401
Conc: 1279.05 ng/ml m