

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029923.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 12:37
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:55:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:55:41 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	6.941	7.467	3340.2E6	1016.6E6	1357.229	1442.979
Target Compounds						
1) T Dalapon	2.448	2.524	5176.7E6	2212.1E6	1264.064	1274.156
2) T 3,5-DICHL...	6.145	6.463	4570.5E6	1313.0E6	1278.892	1343.156
3) T 4-Nitroph...	6.731	7.001	2304.0E6	1001.5E6	1291.971	1307.566
5) T DICAMBA	7.118	7.654	13131.1E6	5728.1E6	1325.990	1450.134
6) T MCPP	7.300	7.765	992.1E6	254.5E6	153.962	145.490
7) T MCPA	7.444	7.996	1275.2E6	326.1E6	144.397	137.819
8) T DICHLORPROP	7.799	8.348	3270.4E6	1352.2E6	1290.535	1346.848
9) T 2,4-D	8.019	8.661	3666.5E6	1519.1E6	1303.464	1347.820
10) T Pentachlo...	8.300	9.164	43790.4E6	27835.1E6	1255.279	1368.166
11) T 2,4,5-TP ...	8.862	9.543	18378.2E6	11452.1E6	1325.717	1399.712
12) T 2,4,5-T	9.144	9.947	18581.8E6	10783.8E6	1322.259	1389.199
13) T 2,4-DB	9.702	10.507	3190.6E6	1148.5E6	1396.120	1426.978
14) T DINOSEB	10.866	10.881	13258.0E6	7950.4E6	1303.197	1363.473
15) T Picloram	10.684	11.923	25181.9E6	16837.9E6	1373.763	1364.679m
16) T DCPA	11.166	11.918	22629.5E6	14875.5E6	1329.504	1311.664m

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

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Acq On : 23 Apr 2025 12:37
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

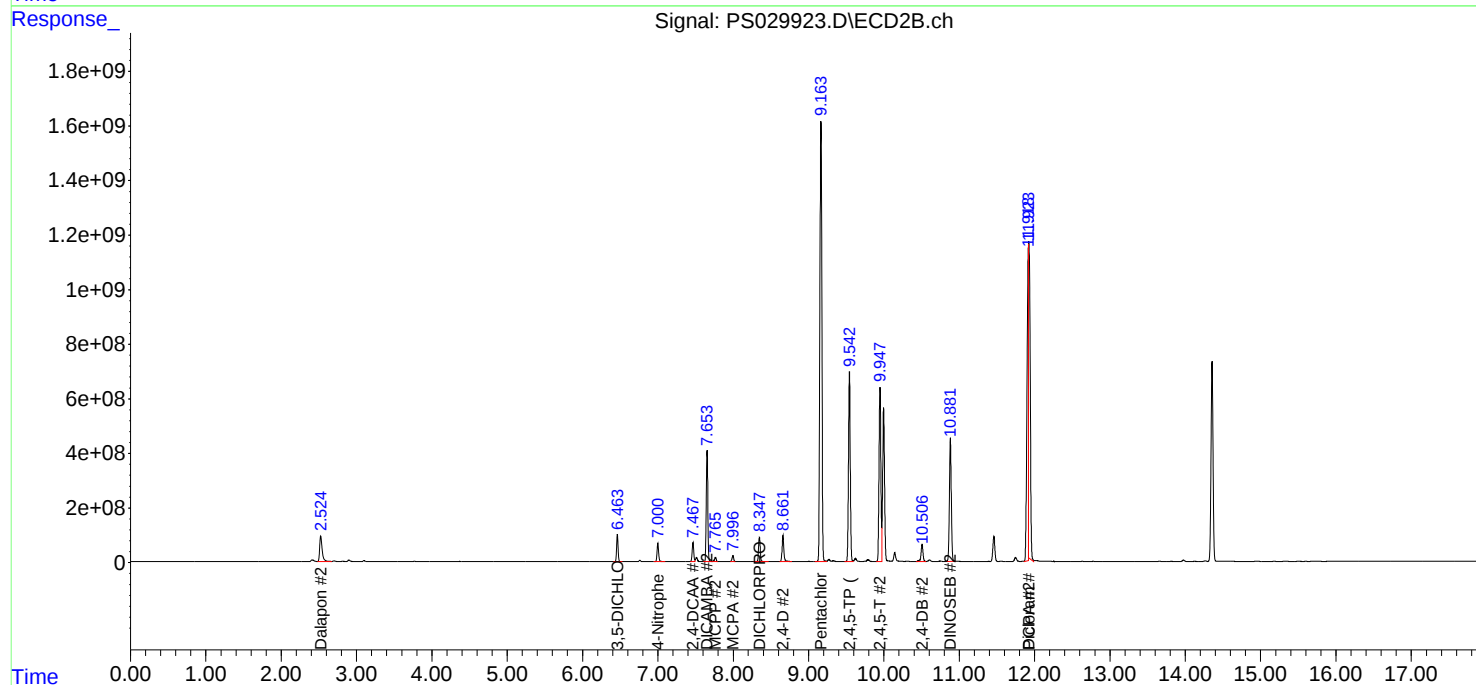
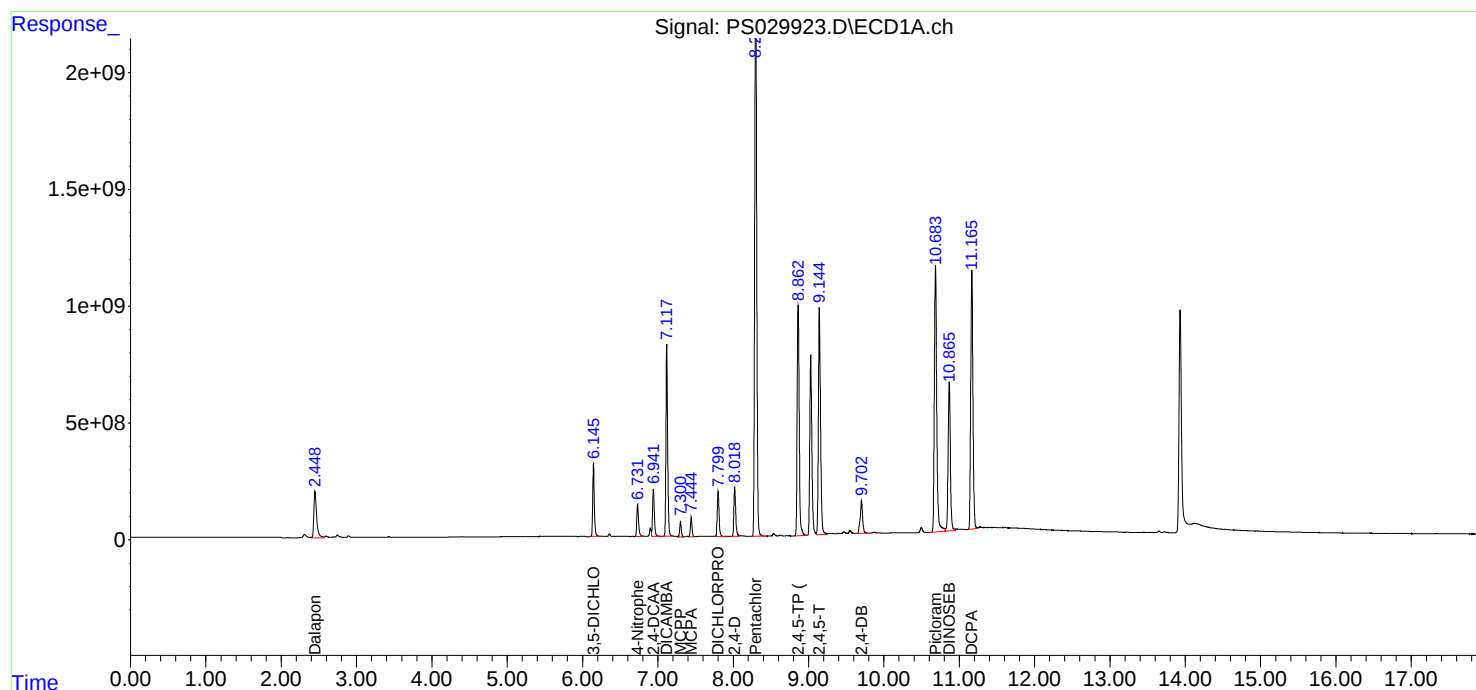
Instrument :
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ClientSampleId :
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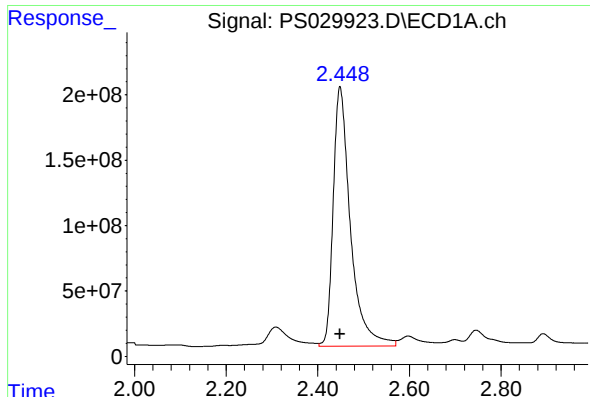
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Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
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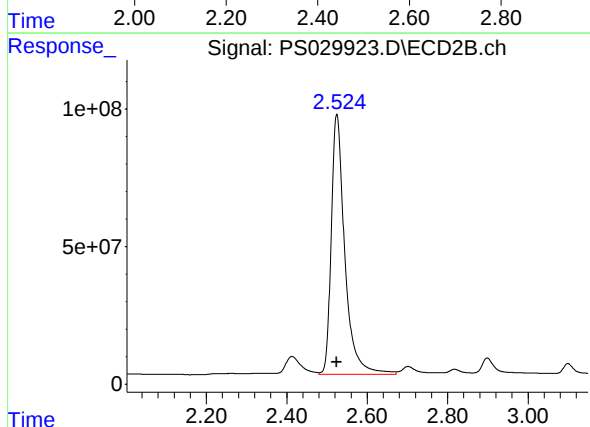
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 5176670282
Conc: 1264.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

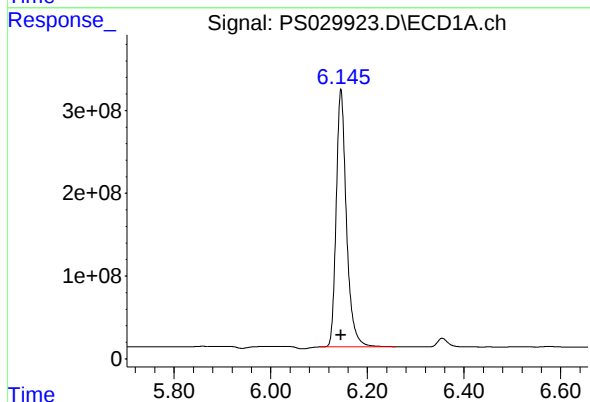
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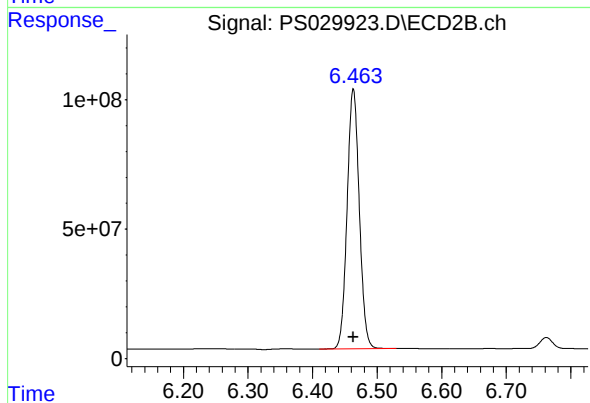
#1 Dalapon

R.T.: 2.524 min
Delta R.T.: 0.000 min
Response: 2212117489
Conc: 1274.16 ng/ml



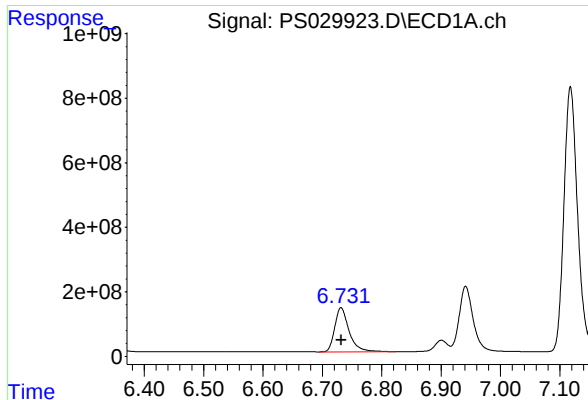
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 4570485622
Conc: 1278.89 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 1313041128
Conc: 1343.16 ng/ml



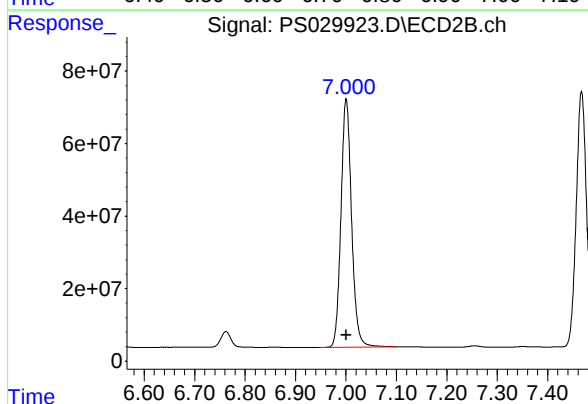
#3 4-Nitrophenol

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 2303997056
Conc: 1291.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

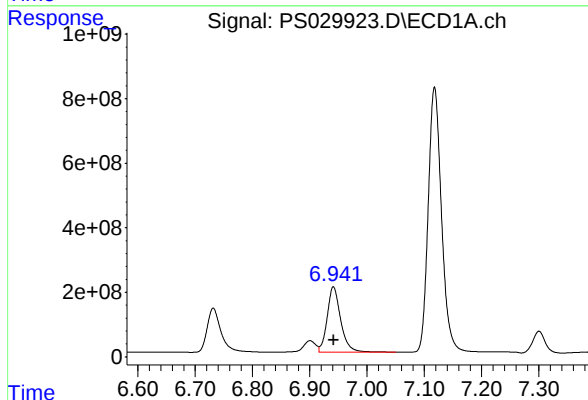
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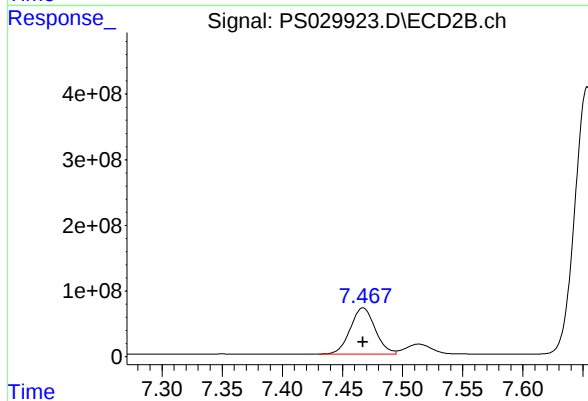
#3 4-Nitrophenol

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 1001492635
Conc: 1307.57 ng/ml



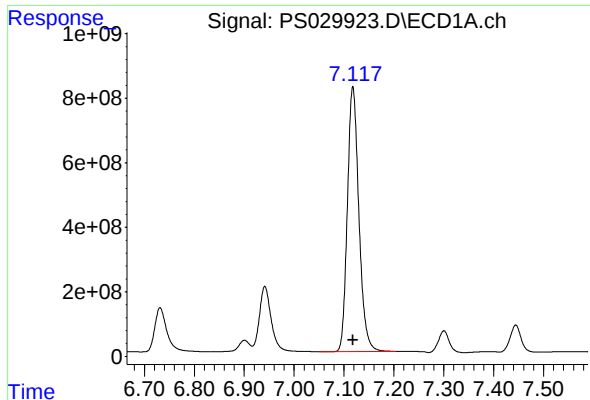
#4 2,4-DCAA

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 3340247176
Conc: 1357.23 ng/ml



#4 2,4-DCAA

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 1016603254
Conc: 1442.98 ng/ml



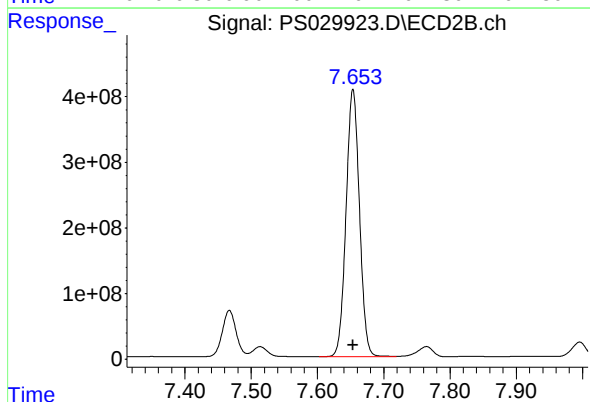
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 13131098945
Conc: 1325.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

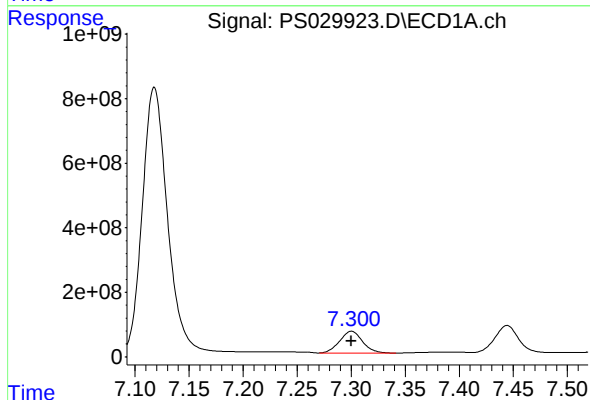
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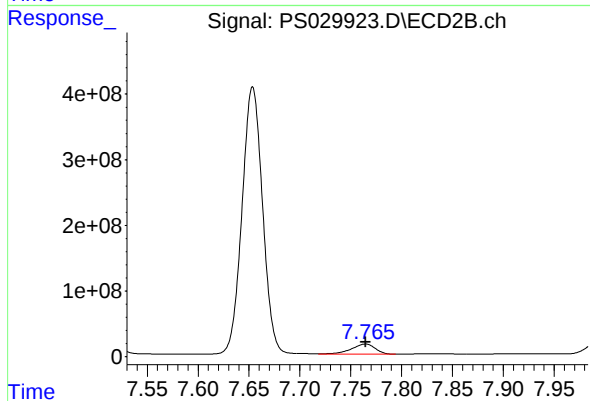
#5 DICAMBA

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 5728123349
Conc: 1450.13 ng/ml



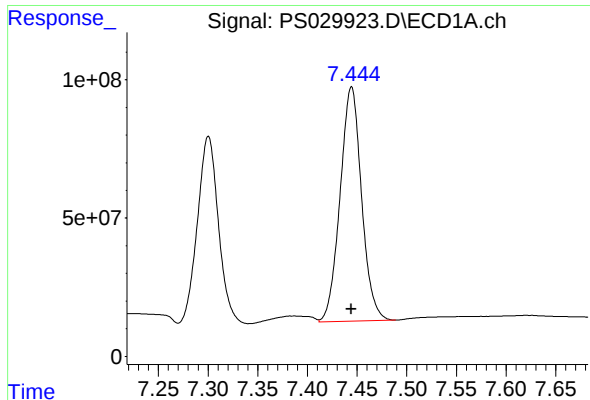
#6 MCPP

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 992077341
Conc: 153.96 ug/ml



#6 MCPP

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 254454768
Conc: 145.49 ug/ml



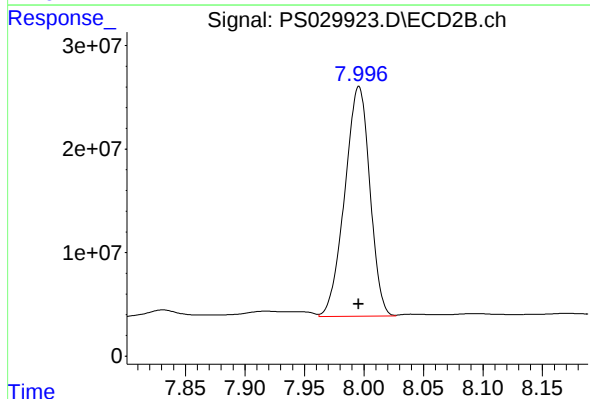
#7 MCPA

R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 1275219029
Conc: 144.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

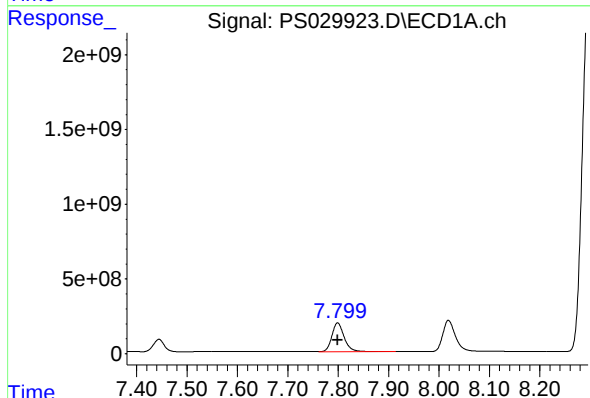
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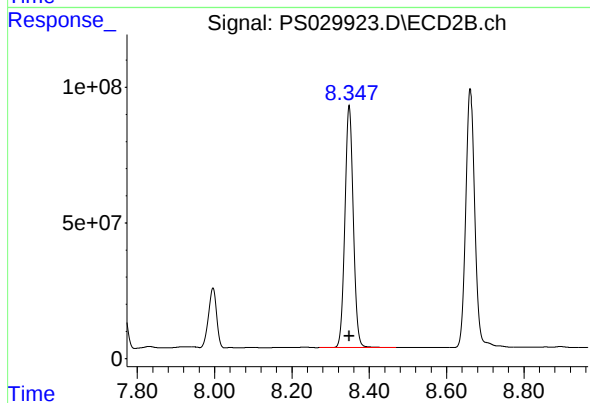
#7 MCPA

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 326053003
Conc: 137.82 ug/ml



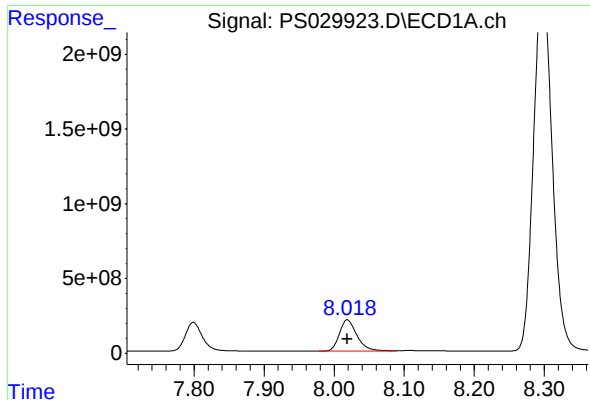
#8 DICHLORPROP

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 3270356058
Conc: 1290.54 ng/ml



#8 DICHLORPROP

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 1352187583
Conc: 1346.85 ng/ml



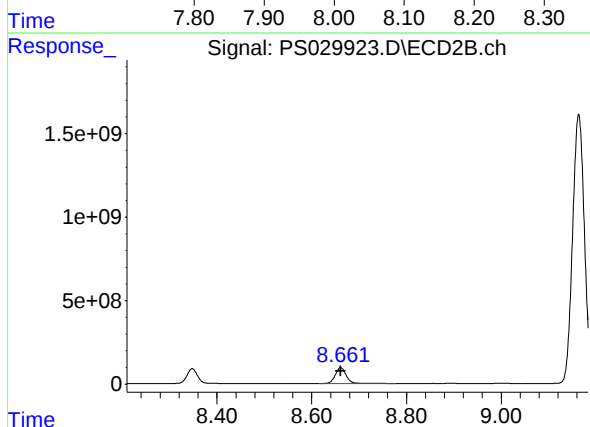
#9 2,4-D

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 3666476235
Conc: 1303.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

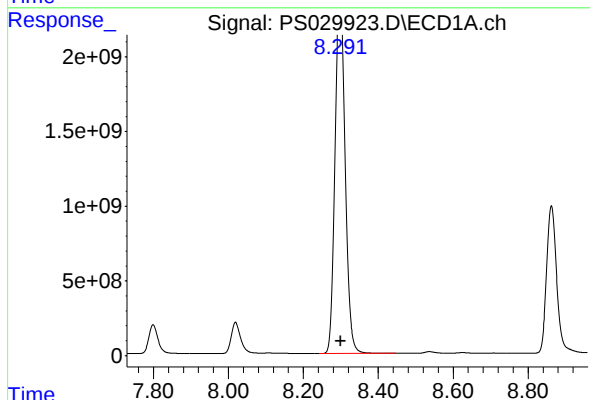
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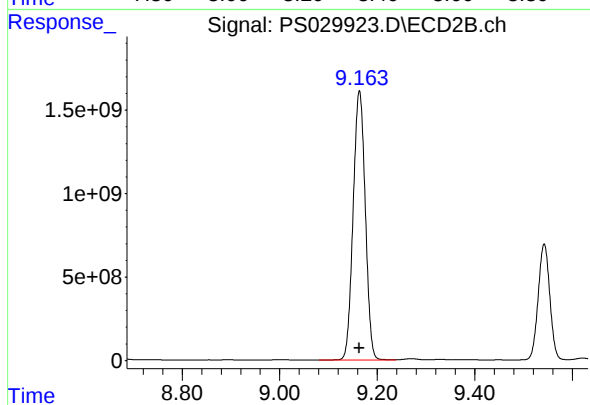
#9 2,4-D

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 1519137434
Conc: 1347.82 ng/ml



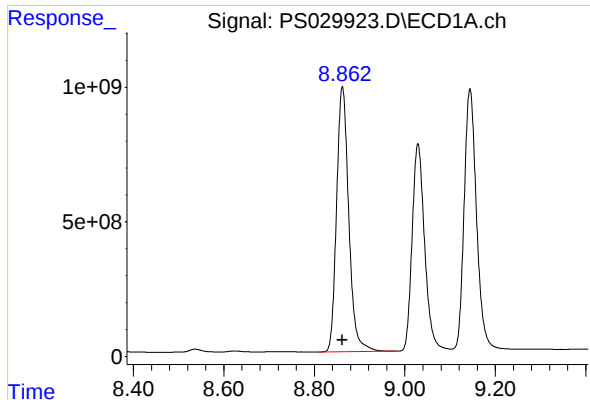
#10 Pentachlorophenol

R.T.: 8.300 min
Delta R.T.: 0.000 min
Response: 43790422023
Conc: 1255.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.164 min
Delta R.T.: 0.000 min
Response: 27835080663
Conc: 1368.17 ng/ml



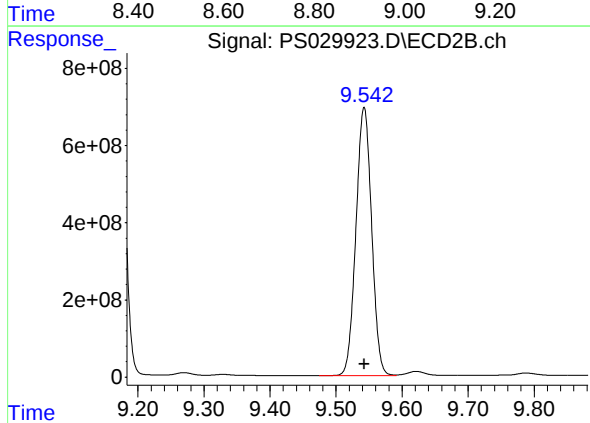
#11 2,4,5-TP (SILVEX)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 18378203400
Conc: 1325.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

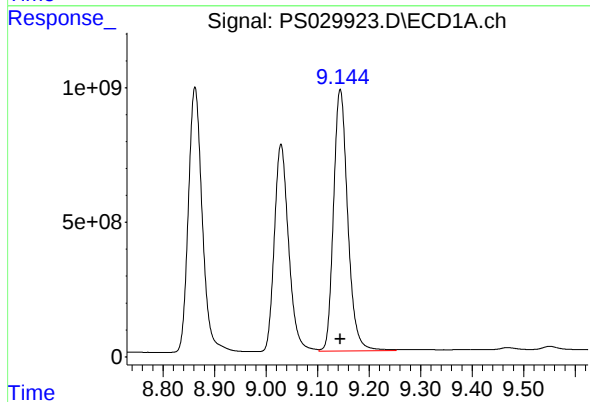
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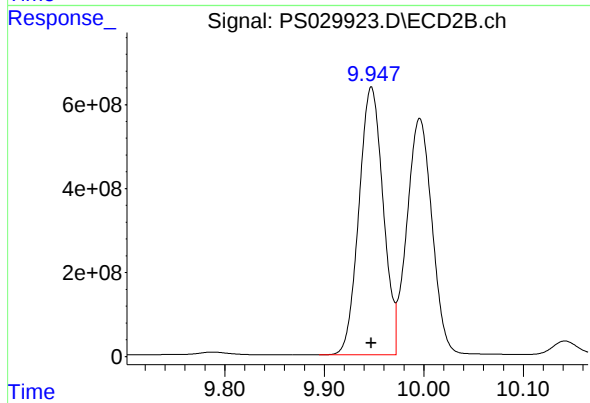
#11 2,4,5-TP (SILVEX)

R.T.: 9.543 min
Delta R.T.: 0.000 min
Response: 11452091600
Conc: 1399.71 ng/ml



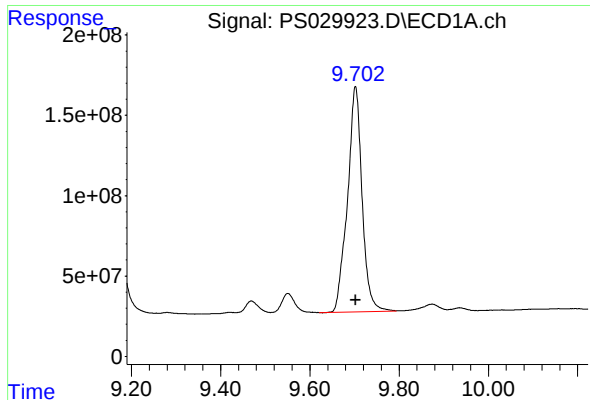
#12 2,4,5-T

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 18581844789
Conc: 1322.26 ng/ml



#12 2,4,5-T

R.T.: 9.947 min
Delta R.T.: 0.000 min
Response: 10783792004
Conc: 1389.20 ng/ml



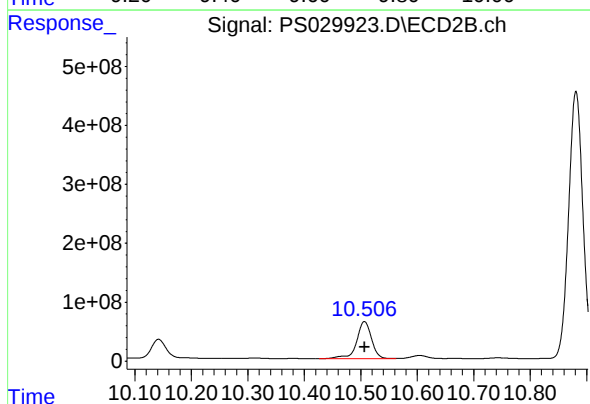
#13 2,4-DB

R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 3190632076
Conc: 1396.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

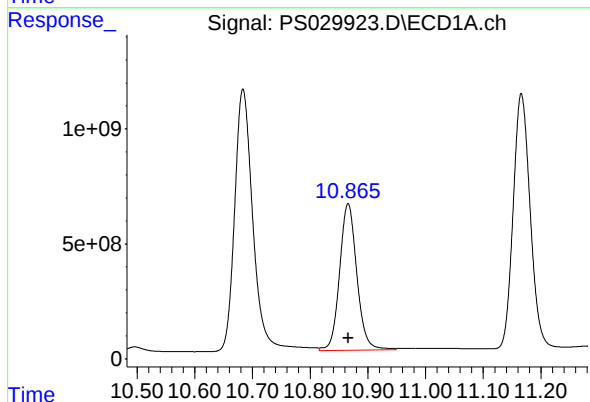
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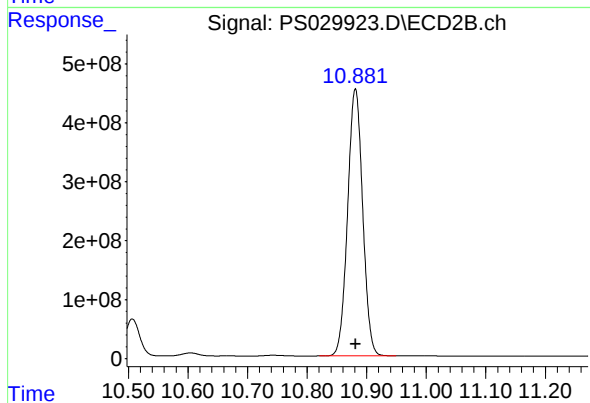
#13 2,4-DB

R.T.: 10.507 min
Delta R.T.: 0.000 min
Response: 1148492462
Conc: 1426.98 ng/ml



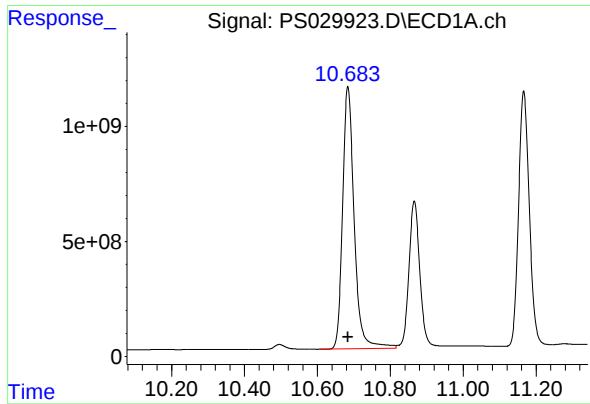
#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: 0.000 min
Response: 13257982778
Conc: 1303.20 ng/ml



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 7950383575
Conc: 1363.47 ng/ml



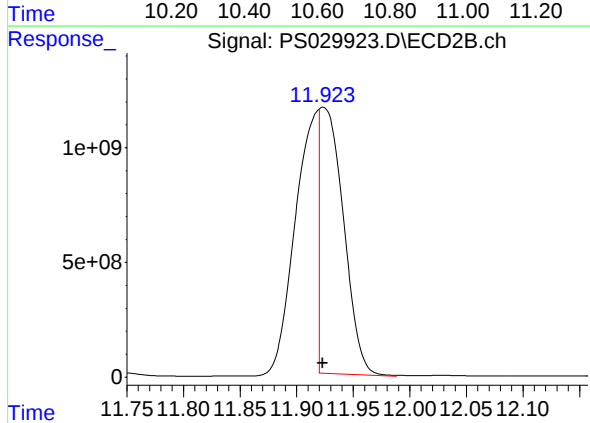
#15 Picloram

R.T.: 10.684 min
Delta R.T.: 0.000 min
Response: 25181937899
Conc: 1373.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

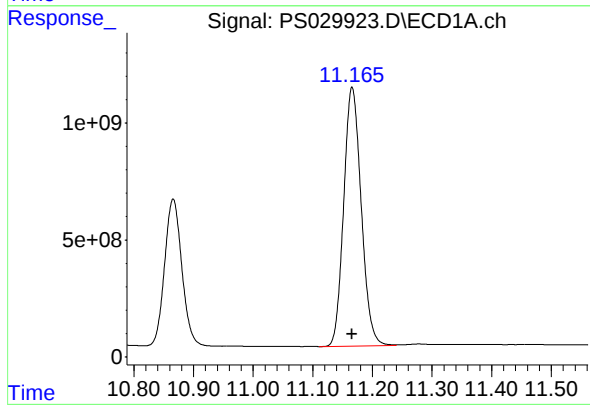
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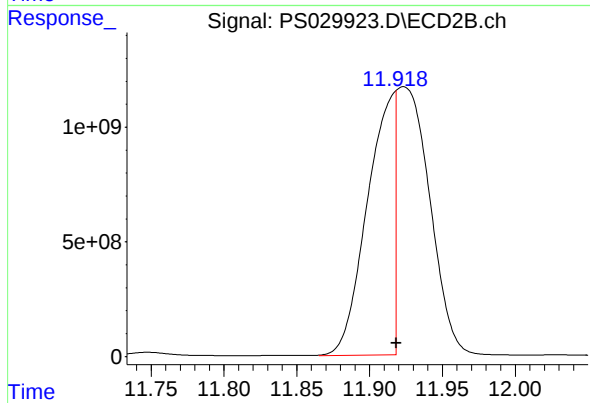
#15 Picloram

R.T.: 11.923 min
Delta R.T.: 0.000 min
Response: 16837876459
Conc: 1364.68 ng/ml m



#16 DCPA

R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 22629488258
Conc: 1329.50 ng/ml



#16 DCPA

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 14875468261
Conc: 1311.66 ng/ml m