

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031422\
 Data File : PS018571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2022 17:00
 Operator : AJ\MA
 Sample : N1645-01
 Misc : LOD 100 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/15/2022
 Supervised By : Ankita Jodhani 03/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 01:05:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS031422.M
 Quant Title : 8080.M
 QLast Update : Mon Mar 14 11:41:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 Signal #1 Info : 30M x 0.32mm x 0.5 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	7.234	6.810	1145.6E6	308.2E6	402.555	438.022m
Target Compounds							
1) T	Dalapon	3.031	2.533	371.5E6	68404710	95.531	82.768
2) T	3,5-DICHL...	6.441	5.983	362.6E6	90201573	94.098	86.225
3) T	4-Nitroph...	7.060	6.421	144.1E6	41744619	83.622	102.750
5) T	DICAMBA	7.427	6.978	983.8E6	252.9E6	90.201	84.920
6) T	MCPD	7.593	7.070	59266844	18400148	6.982	7.516
7) T	MCPA	7.740	7.281	93391436	29295644	7.722	8.389
8) T	DICHLORPROP	8.122	7.602	254.1E6	80112196	92.239	101.201
9) T	2,4-D	8.349	7.892	302.6E6	83513659	90.304	89.223
10) T	Pentachlo...	8.662	8.323	3669.1E6	996.3E6	101.348	101.448
11) T	2,4,5-TP ...	9.215	8.684	1434.1E6	397.5E6	94.299	91.123
12) T	2,4,5-T	9.498	9.060	1385.6E6	379.2E6	92.755	91.546
13) T	2,4-DB	10.051	9.567	221.7E6	50355190	81.040	88.693
14) T	DINOSEB	11.216	9.897	955.1E6	271.5E6	89.318	88.611
15) T	Picloram	11.029	10.873	1721.2E6	454.4E6	83.735	85.472
16) T	DCPA	11.483	10.830	1684.3E6	505.6E6	94.146	96.134

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

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 ALS Vial : 10 Sample Multiplier: 1

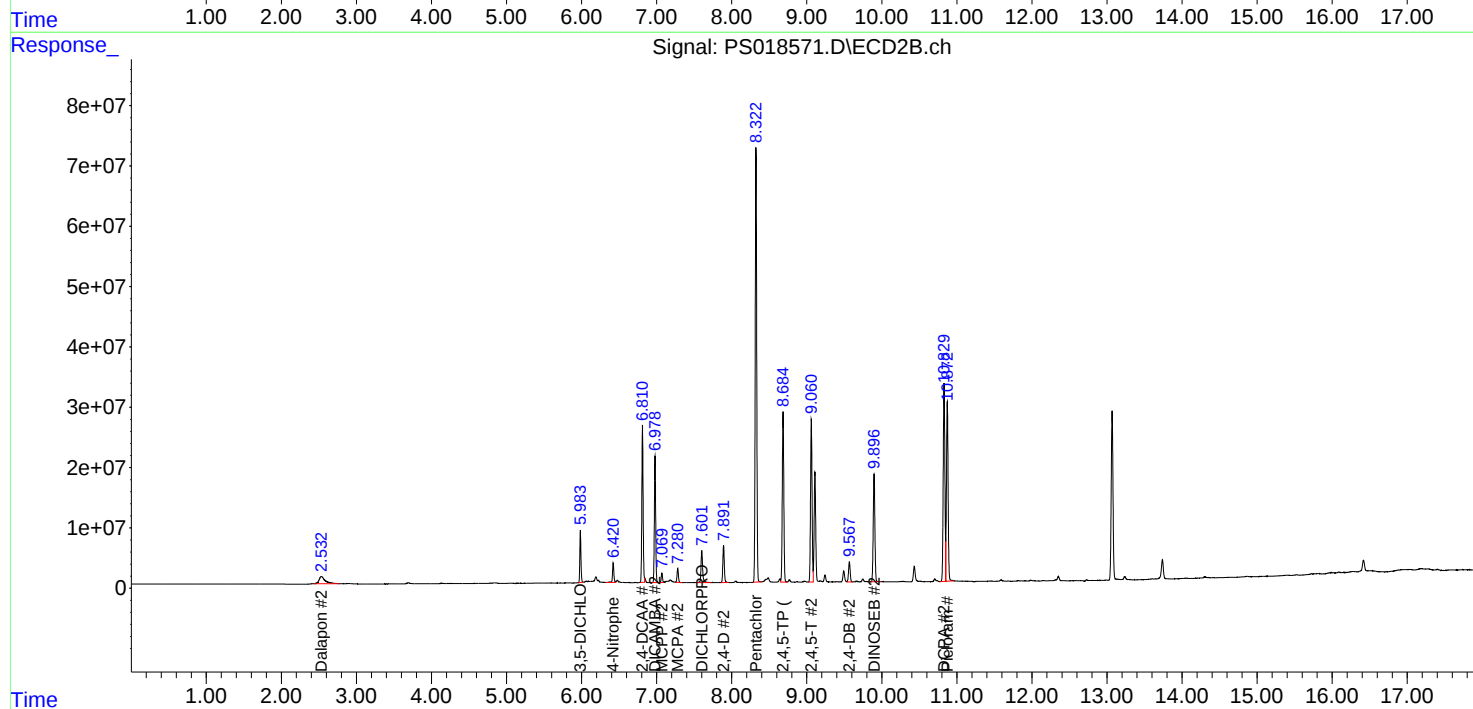
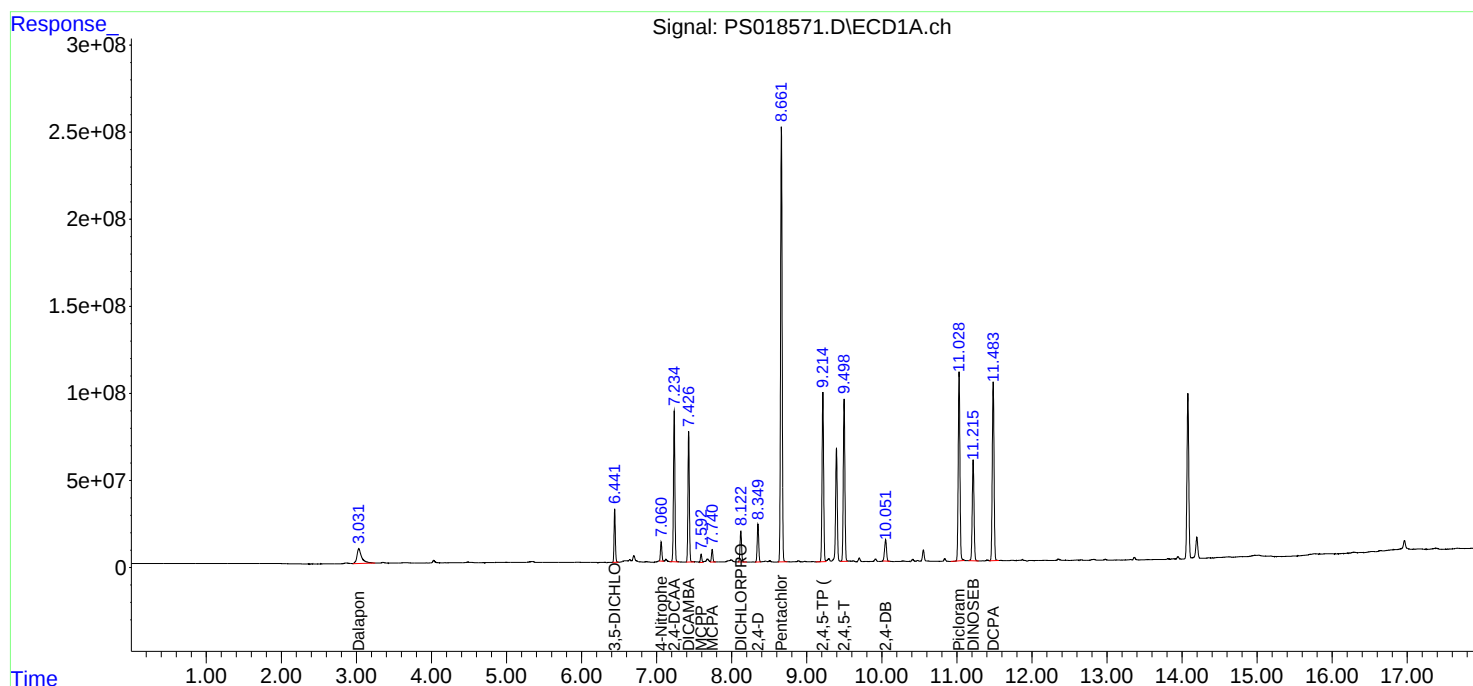
Instrument :
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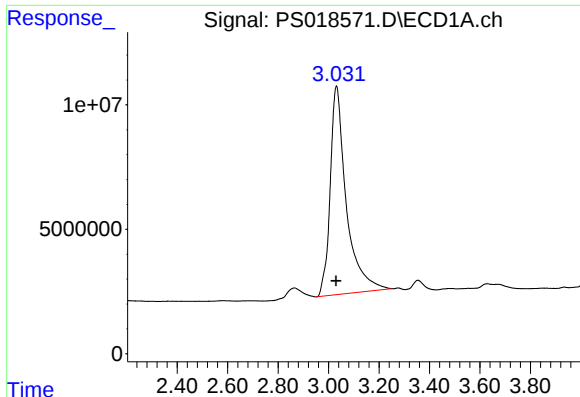
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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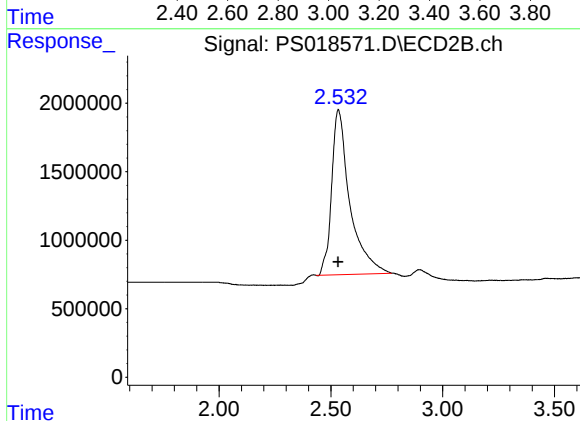
#1 Dalapon

R.T.: 3.031 min
Delta R.T.: 0.001 min
Response: 371472536
Conc: 95.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

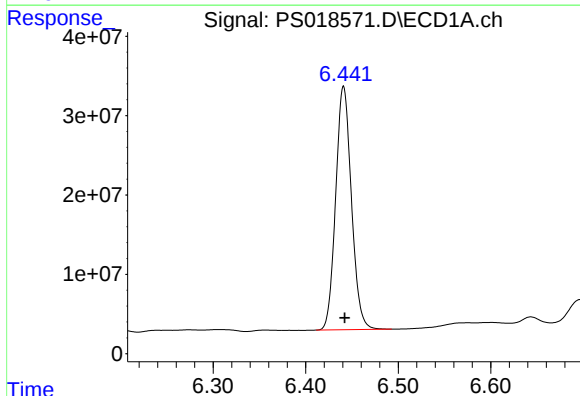
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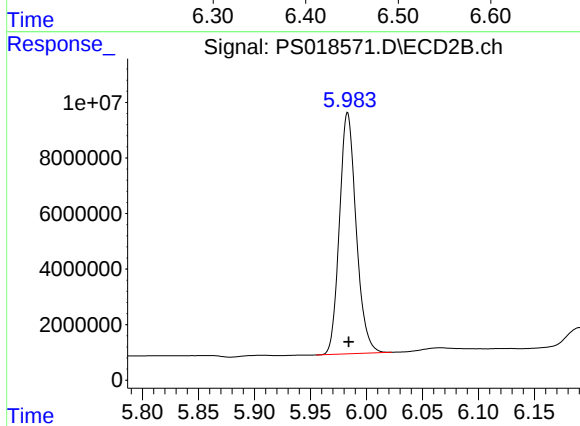
#1 Dalapon

R.T.: 2.533 min
Delta R.T.: 0.000 min
Response: 68404710
Conc: 82.77 ng/ml



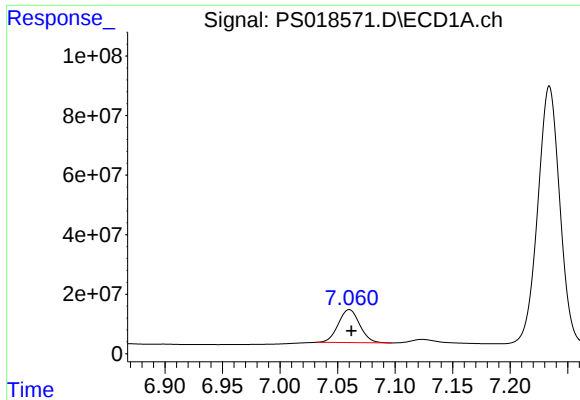
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.441 min
Delta R.T.: -0.001 min
Response: 362612996
Conc: 94.10 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 90201573
Conc: 86.23 ng/ml



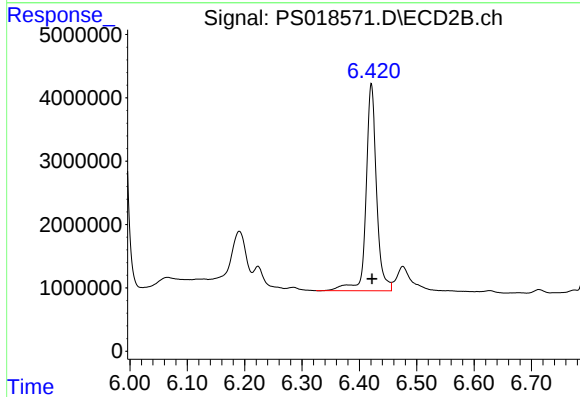
#3 4-Nitrophenol

R.T.: 7.060 min
Delta R.T.: -0.002 min
Response: 144090674
Conc: 83.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
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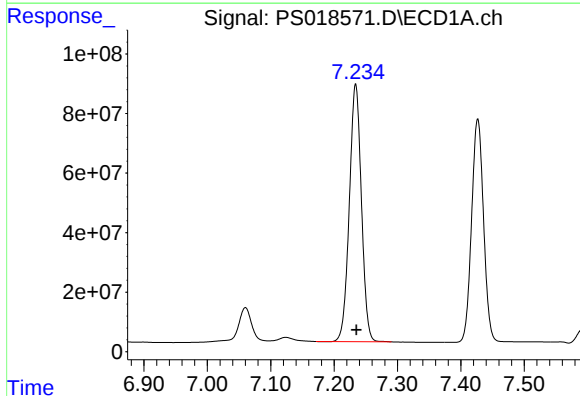
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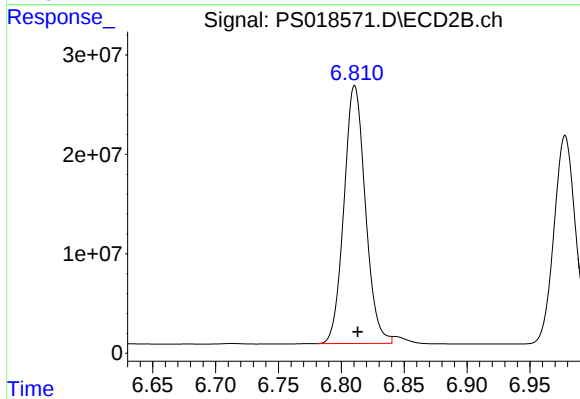
#3 4-Nitrophenol

R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 41744619
Conc: 102.75 ng/ml



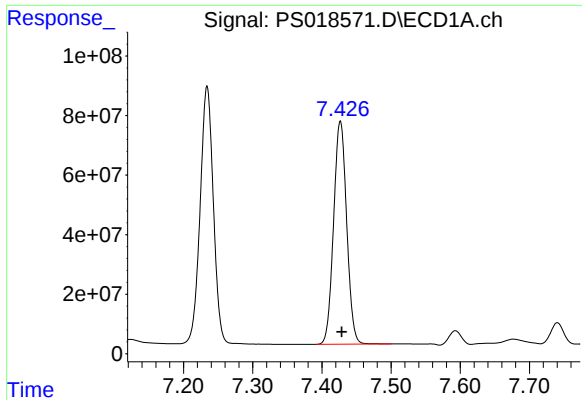
#4 2,4-DCAA

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 1145636584
Conc: 402.55 ng/ml



#4 2,4-DCAA

R.T.: 6.810 min
Delta R.T.: -0.003 min
Response: 308216418
Conc: 438.02 ng/ml m



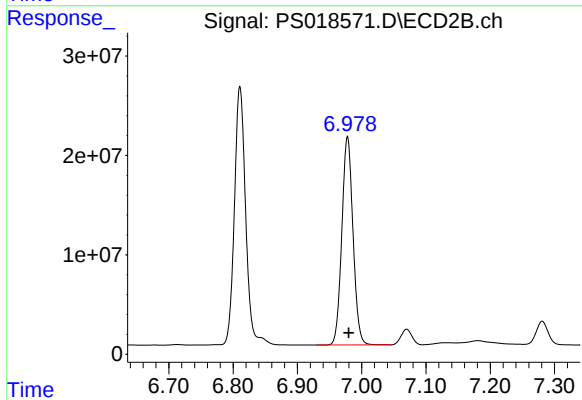
#5 DICAMBA

R.T.: 7.427 min
Delta R.T.: -0.002 min
Response: 983802333
Conc: 90.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

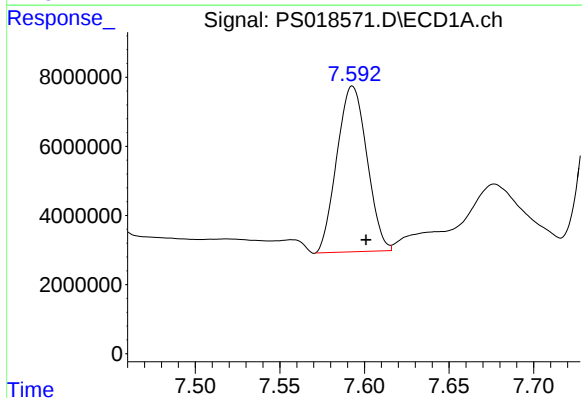
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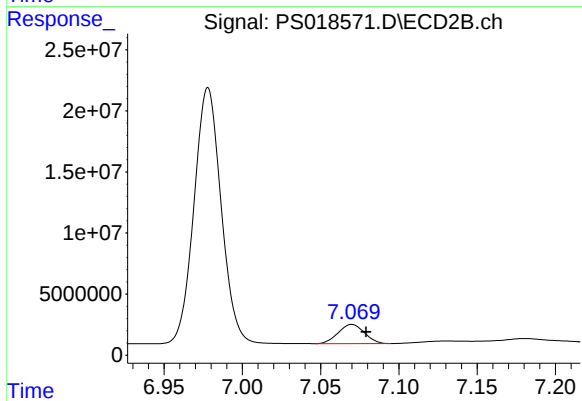
#5 DICAMBA

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 252939858
Conc: 84.92 ng/ml



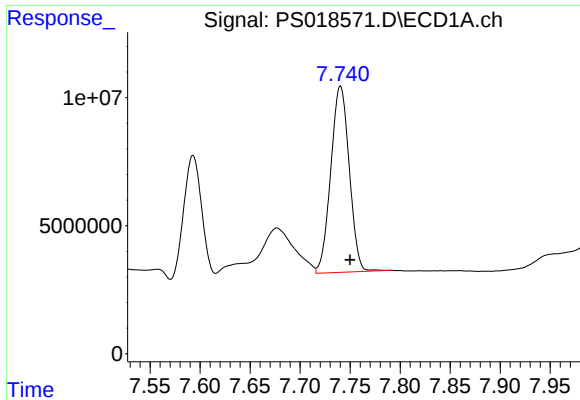
#6 MCP

R.T.: 7.593 min
Delta R.T.: -0.008 min
Response: 59266844
Conc: 6.98 ug/ml



#6 MCP

R.T.: 7.070 min
Delta R.T.: -0.009 min
Response: 18400148
Conc: 7.52 ug/ml



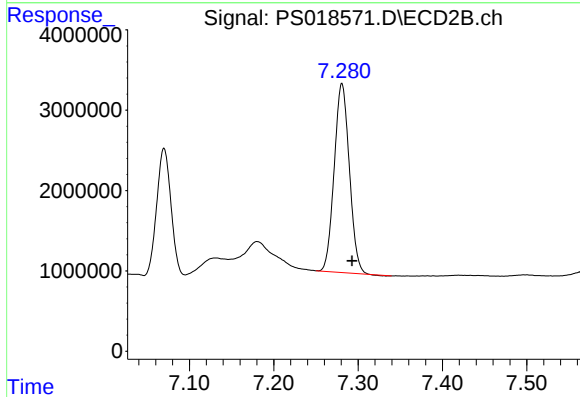
#7 MCPA

R.T.: 7.740 min
Delta R.T.: -0.010 min
Response: 93391436
Conc: 7.72 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

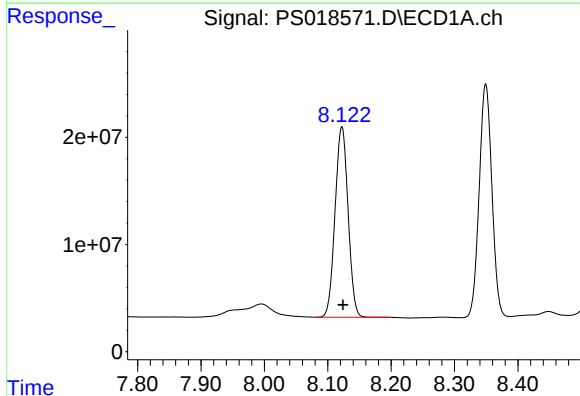
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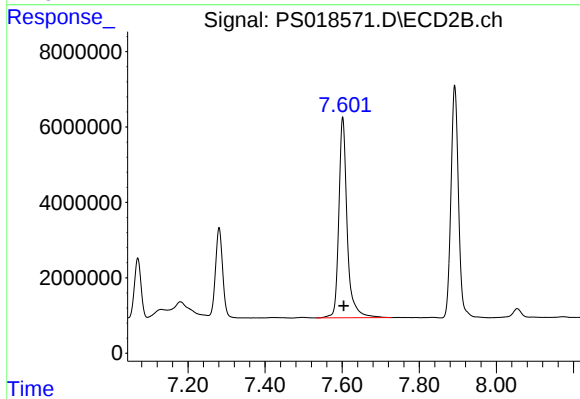
#7 MCPA

R.T.: 7.281 min
Delta R.T.: -0.012 min
Response: 29295644
Conc: 8.39 ug/ml



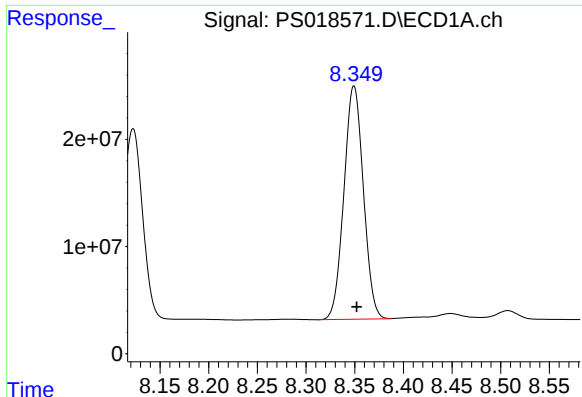
#8 DICHLORPROP

R.T.: 8.122 min
Delta R.T.: -0.002 min
Response: 254063583
Conc: 92.24 ng/ml



#8 DICHLORPROP

R.T.: 7.602 min
Delta R.T.: -0.002 min
Response: 80112196
Conc: 101.20 ng/ml



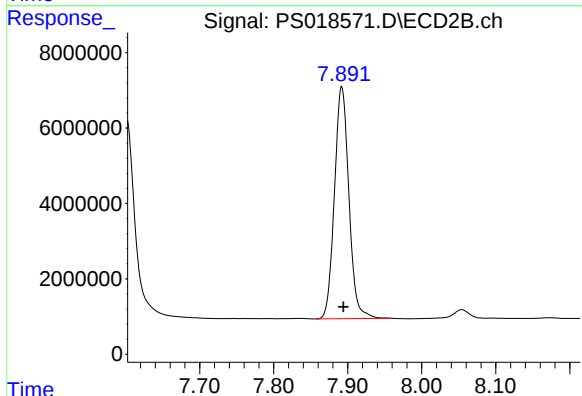
#9 2,4-D

R.T.: 8.349 min
Delta R.T.: -0.003 min
Response: 302575269
Conc: 90.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

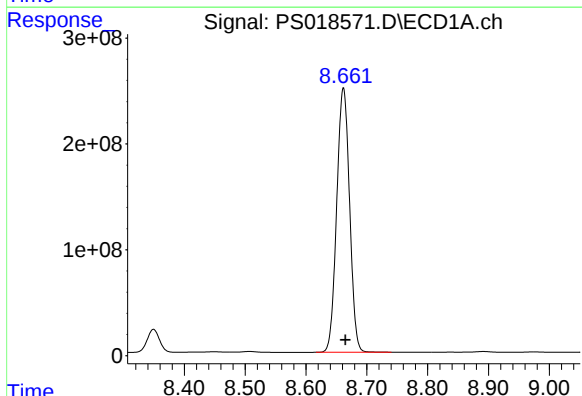
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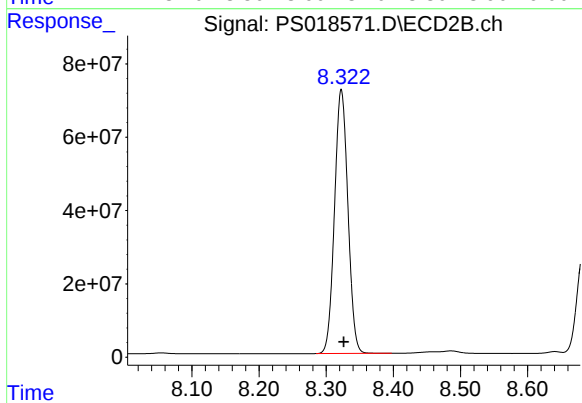
#9 2,4-D

R.T.: 7.892 min
Delta R.T.: -0.002 min
Response: 83513659
Conc: 89.22 ng/ml



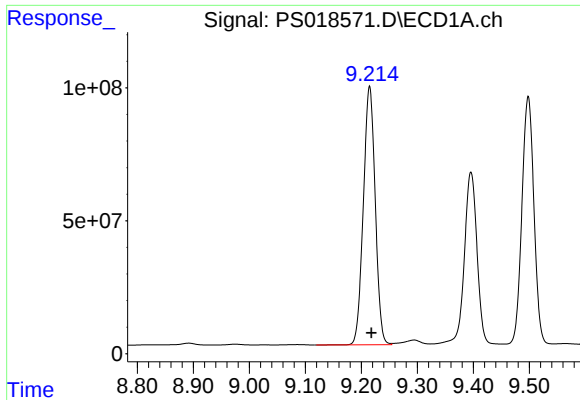
#10 Pentachlorophenol

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 3669069425
Conc: 101.35 ng/ml



#10 Pentachlorophenol

R.T.: 8.323 min
Delta R.T.: -0.003 min
Response: 996251608
Conc: 101.45 ng/ml



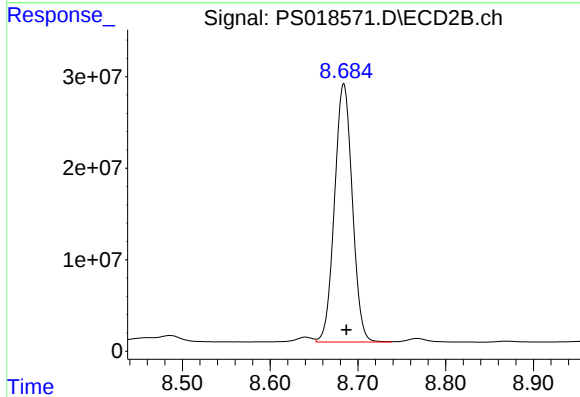
#11 2,4,5-TP (SILVEX)

R.T.: 9.215 min
Delta R.T.: -0.003 min
Response: 1434110283
Conc: 94.30 ng/ml

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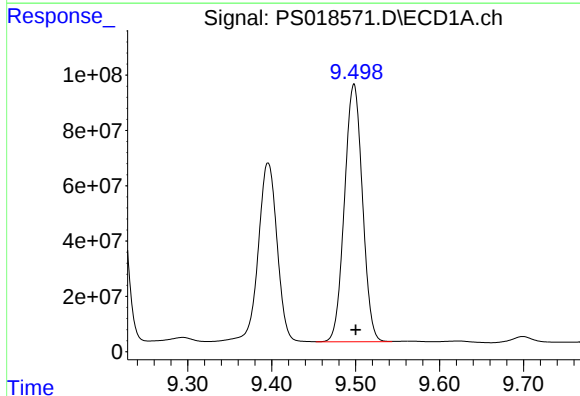
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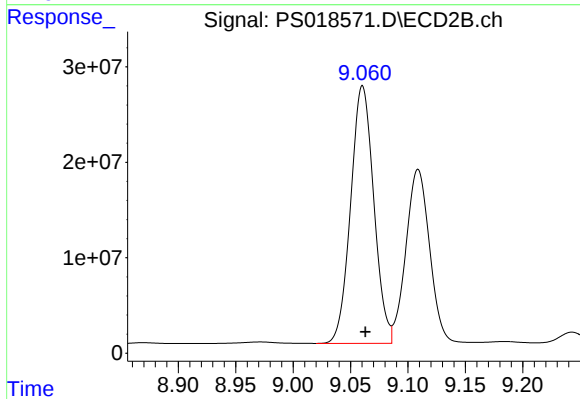
#11 2,4,5-TP (SILVEX)

R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 397476551
Conc: 91.12 ng/ml



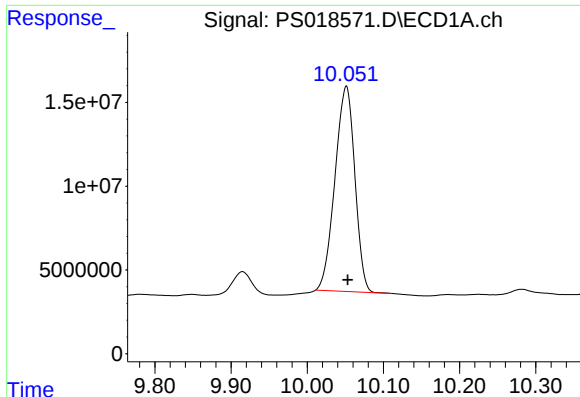
#12 2,4,5-T

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 1385645162
Conc: 92.76 ng/ml



#12 2,4,5-T

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 379200474
Conc: 91.55 ng/ml



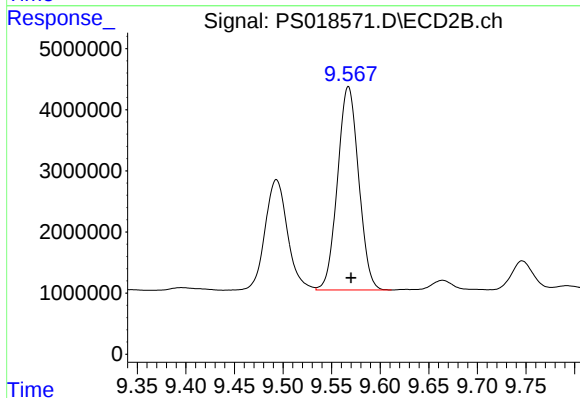
#13 2,4-DB

R.T.: 10.051 min
Delta R.T.: -0.002 min
Response: 221677423
Conc: 81.04 ng/ml

Instrument :
ECD_S
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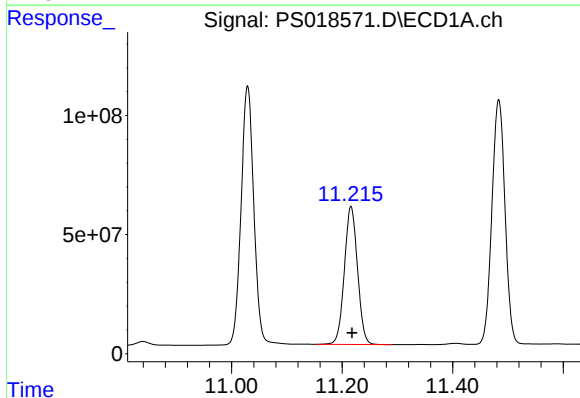
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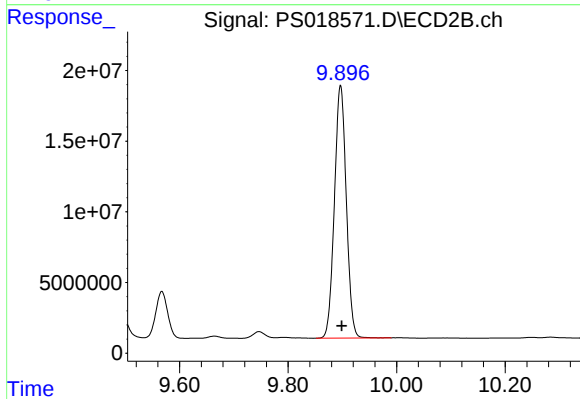
#13 2,4-DB

R.T.: 9.567 min
Delta R.T.: -0.003 min
Response: 50355190
Conc: 88.69 ng/ml



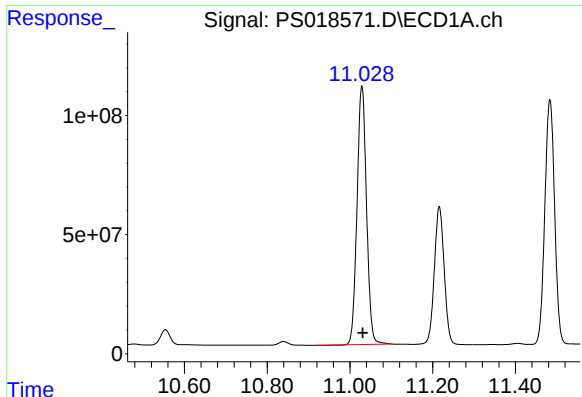
#14 DINOSEB

R.T.: 11.216 min
Delta R.T.: -0.002 min
Response: 955086913
Conc: 89.32 ng/ml



#14 DINOSEB

R.T.: 9.897 min
Delta R.T.: -0.002 min
Response: 271491031
Conc: 88.61 ng/ml



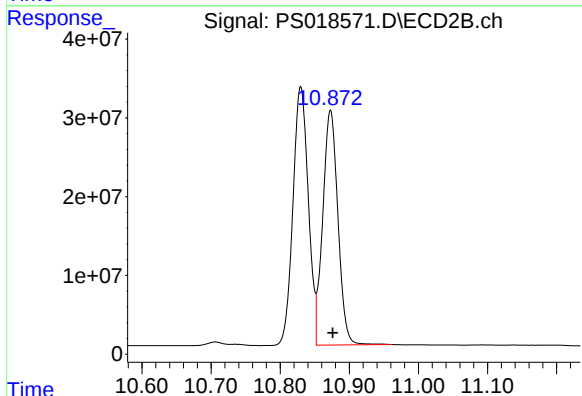
#15 Picloram

R.T.: 11.029 min
Delta R.T.: -0.002 min
Response: 1721239637
Conc: 83.74 ng/ml

Instrument :
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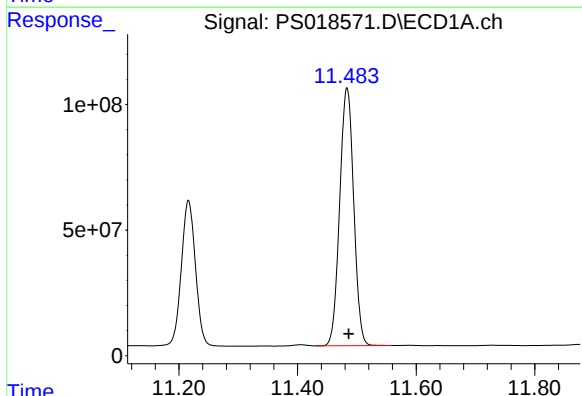
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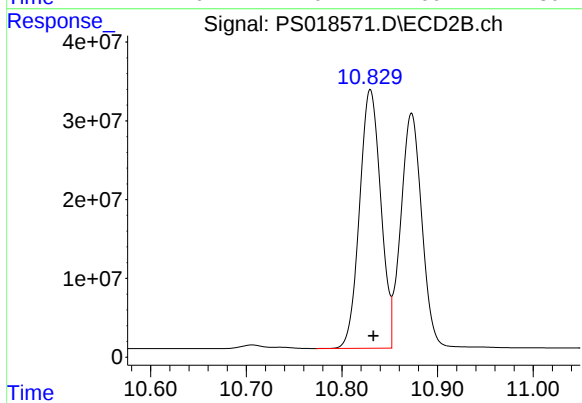
#15 Picloram

R.T.: 10.873 min
Delta R.T.: -0.003 min
Response: 454377197
Conc: 85.47 ng/ml



#16 DCPA

R.T.: 11.483 min
Delta R.T.: -0.003 min
Response: 1684346268
Conc: 94.15 ng/ml



#16 DCPA

R.T.: 10.830 min
Delta R.T.: -0.003 min
Response: 505593347
Conc: 96.13 ng/ml