

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071320\
 Data File : PS011180.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2020 19:19
 Operator : DD\AJ
 Sample : L3216-07
 Misc : 100 PPB LOD-WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 01:55:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071320.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 13 16:10:29 2020
 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	7.226	6.918	482.3E6	314.5E6	497.019	558.511
Target Compounds							
1) T	Dalapon	3.030	2.611	112.5E6	87682667	93.492	114.219m
2) T	3,5-DICHL...	6.439	6.069	129.0E6	77461527	96.431	92.233
3) T	4-Nitroph...	7.060	6.528	33726283	27800613	76.504	84.789
5) T	DICAMBA	7.417	7.086	350.5E6	216.3E6	90.438	94.458m
6) T	MCPD	7.581	7.176	29413800	16620536	9.713	8.711
7) T	MCPA	7.730	7.387	40256186	46252462	9.439	16.047 #
8) T	DICHLORPROP	8.110	7.713	94051652	63137697	100.319	104.892
9) T	2,4-D	8.341	8.009	95114950	87268958	100.007	116.411
10) T	Pentachlo...	8.650	8.436	1446.7E6	882.4E6	109.443	126.603
11) T	2,4,5-TP ...	9.200	8.797	552.1E6	341.1E6	104.254	111.569
12) T	2,4,5-T	9.487	9.178	492.6E6	327.4E6	97.618	107.962
13) T	2,4-DB	10.040	9.685	51359852	42867853	79.686	100.276 #
14) T	DINOSEB	11.199	10.016	340.1E6	212.5E6	88.238	99.094
15) T	Picloram	11.027	11.005	438.9E6	372.3E6	69.559	85.127
16) T	DCPA	11.466	10.945	551.1E6	442.3E6	85.536	116.958 #

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

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 Sample : L3216-07
 Misc : 100 PPB LOD-WATER
 ALS Vial : 14 Sample Multiplier: 1

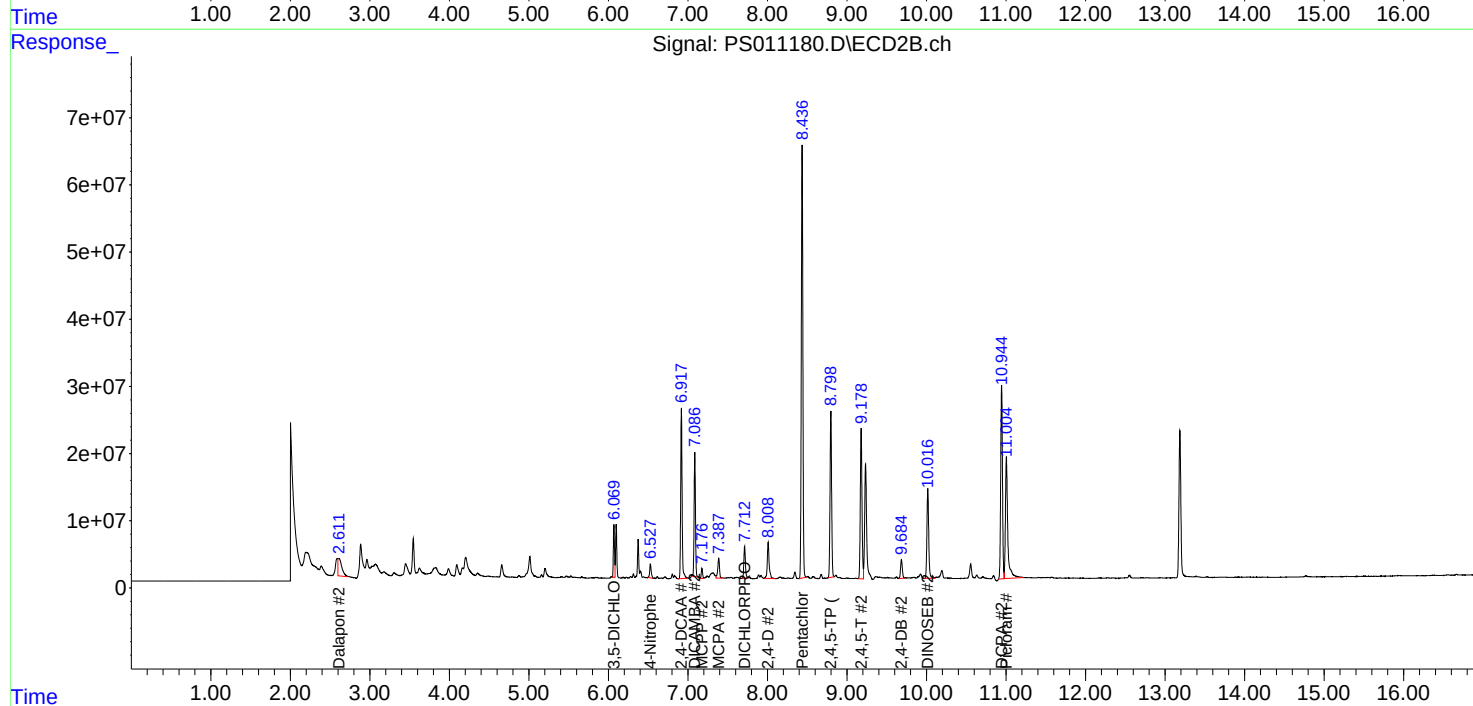
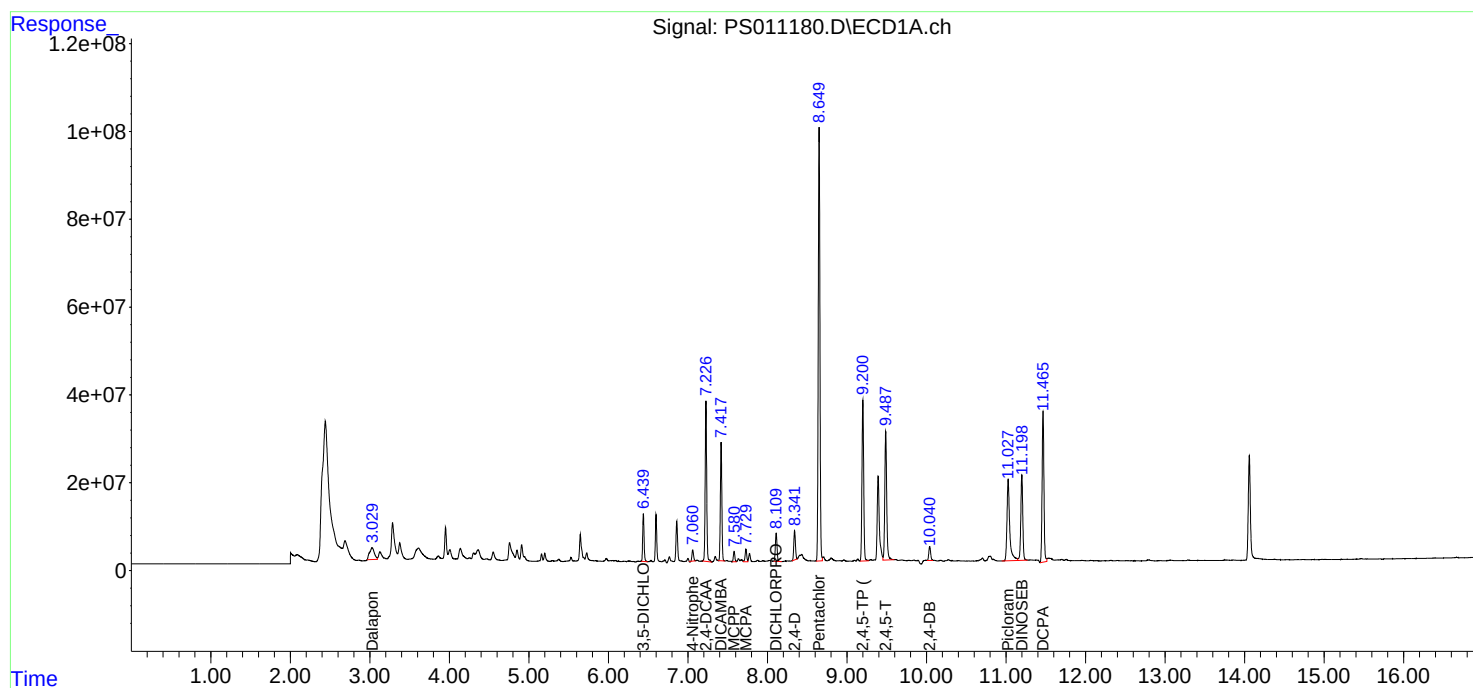
Instrument :
 ECD_S
 Client Sample ID :
 LOD-MDL-WATER-01-QT3-2020

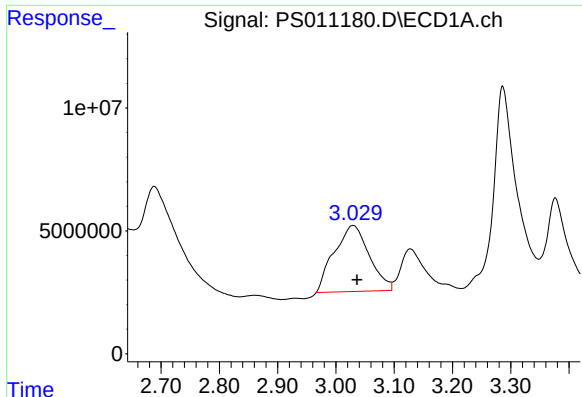
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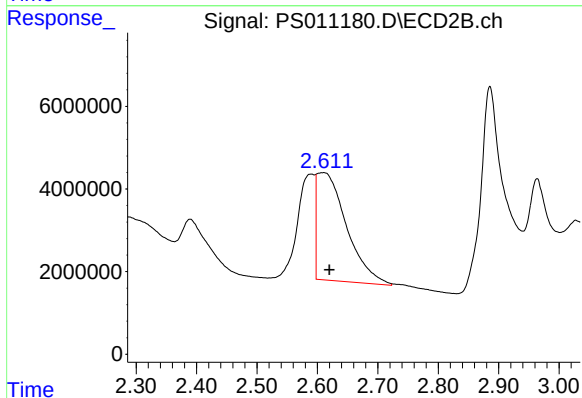
#1 Dalapon

R.T.: 3.030 min
Delta R.T.: -0.006 min
Response: 112505058
Conc: 93.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

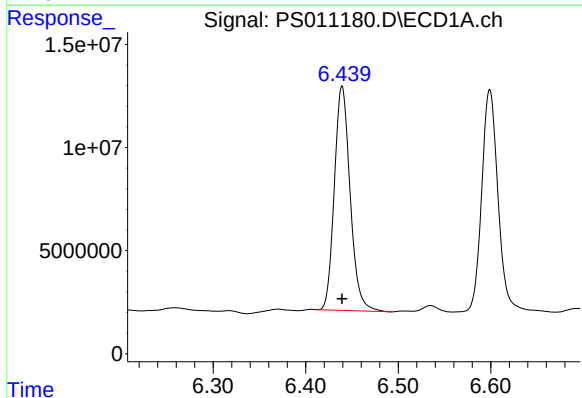
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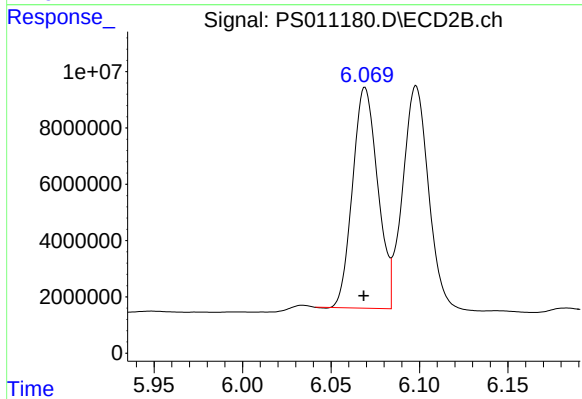
#1 Dalapon

R.T.: 2.611 min
Delta R.T.: -0.009 min
Response: 87682667
Conc: 114.22 ng/ml m



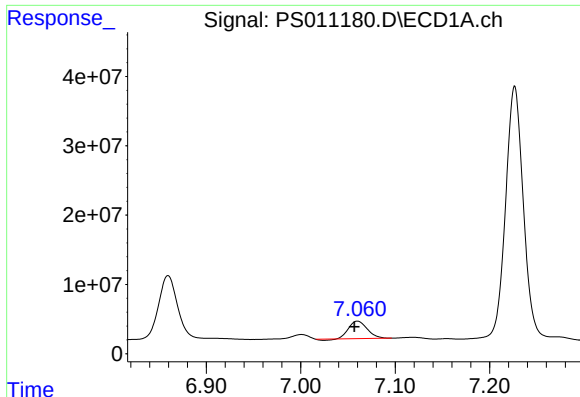
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 129039416
Conc: 96.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 77461527
Conc: 92.23 ng/ml



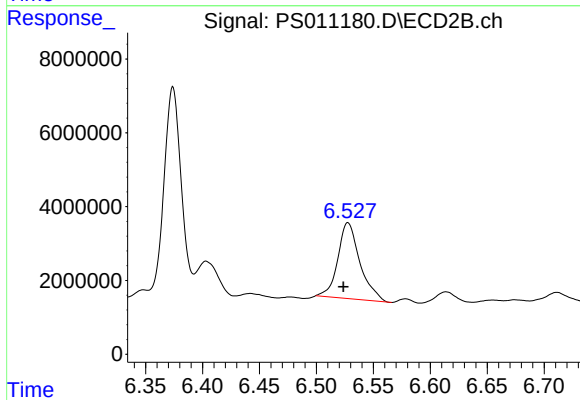
#3 4-Nitrophenol

R.T.: 7.060 min
Delta R.T.: 0.003 min
Response: 33726283
Conc: 76.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

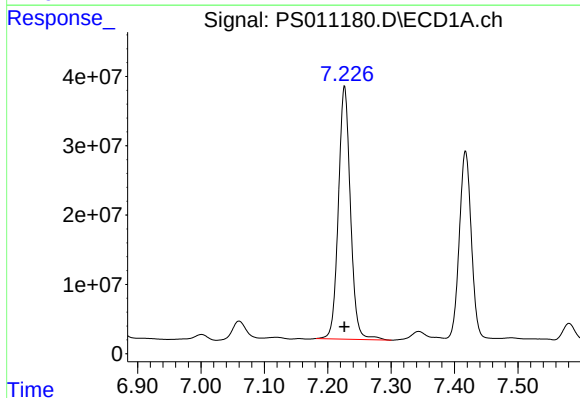
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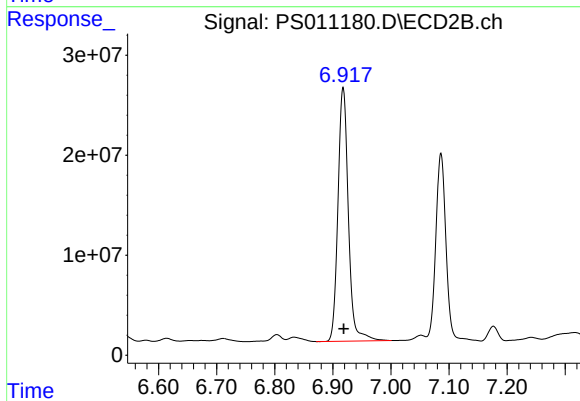
#3 4-Nitrophenol

R.T.: 6.528 min
Delta R.T.: 0.004 min
Response: 27800613
Conc: 84.79 ng/ml



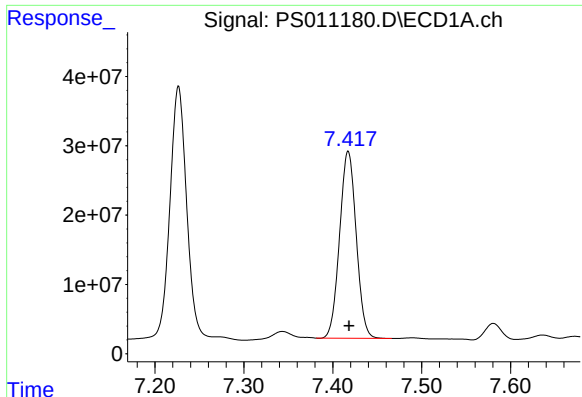
#4 2,4-DCAA

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 482276625
Conc: 497.02 ng/ml



#4 2,4-DCAA

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 314454166
Conc: 558.51 ng/ml



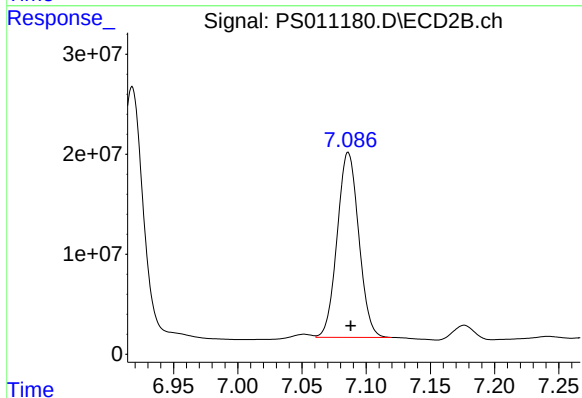
#5 DICAMBA

R.T.: 7.417 min
Delta R.T.: -0.001 min
Response: 350525231
Conc: 90.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

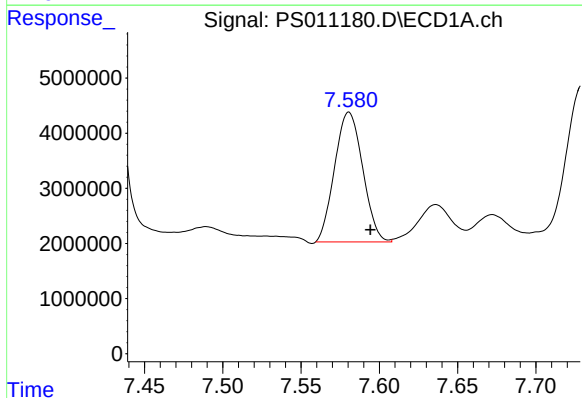
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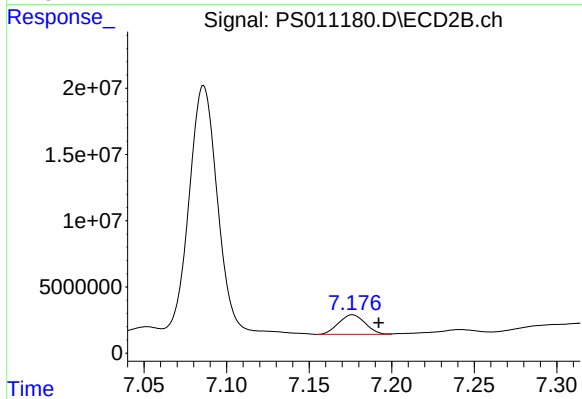
#5 DICAMBA

R.T.: 7.086 min
Delta R.T.: -0.002 min
Response: 216304791
Conc: 94.46 ng/ml m



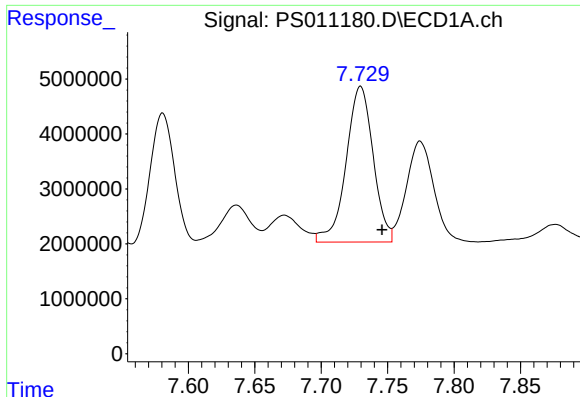
#6 MCP

R.T.: 7.581 min
Delta R.T.: -0.014 min
Response: 29413800
Conc: 9.71 ug/ml



#6 MCP

R.T.: 7.176 min
Delta R.T.: -0.016 min
Response: 16620536
Conc: 8.71 ug/ml



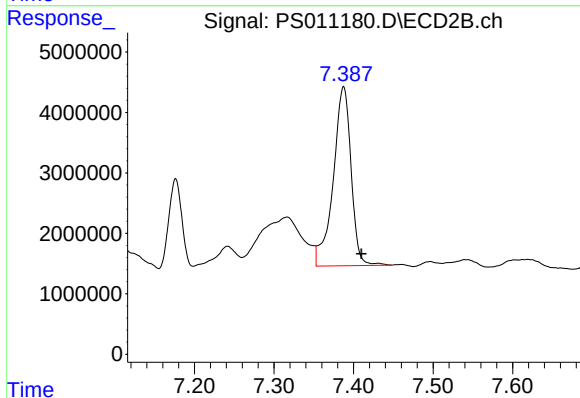
#7 MCPA

R.T.: 7.730 min
Delta R.T.: -0.016 min
Response: 40256186
Conc: 9.44 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

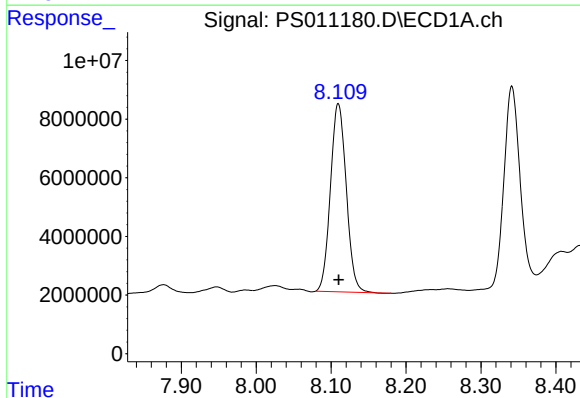
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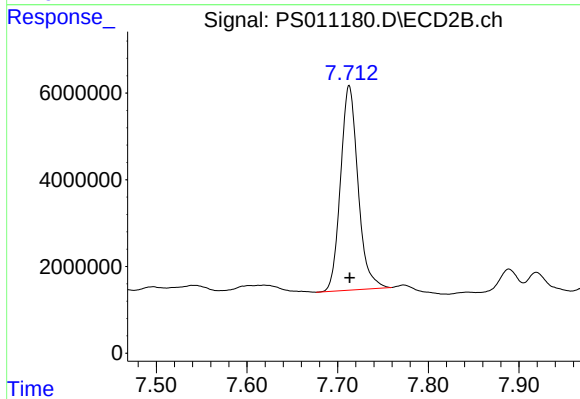
#7 MCPA

R.T.: 7.387 min
Delta R.T.: -0.023 min
Response: 46252462
Conc: 16.05 ug/ml



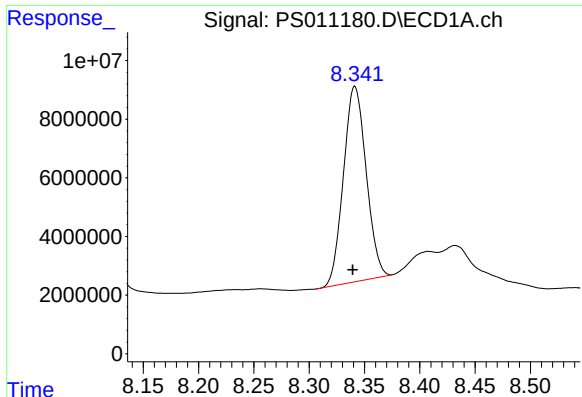
#8 DICHLORPROP

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 94051652
Conc: 100.32 ng/ml



#8 DICHLORPROP

R.T.: 7.713 min
Delta R.T.: 0.000 min
Response: 63137697
Conc: 104.89 ng/ml



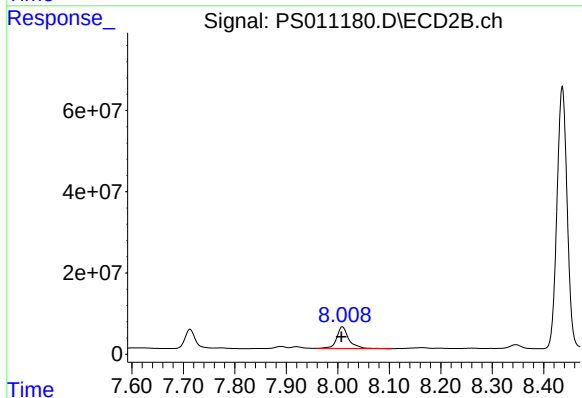
#9 2,4-D

R.T.: 8.341 min
Delta R.T.: 0.002 min
Response: 95114950
Conc: 100.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

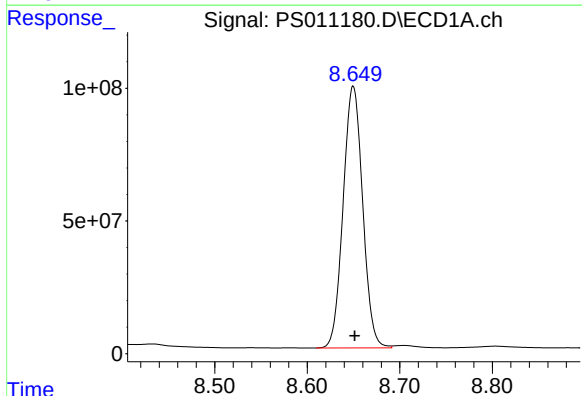
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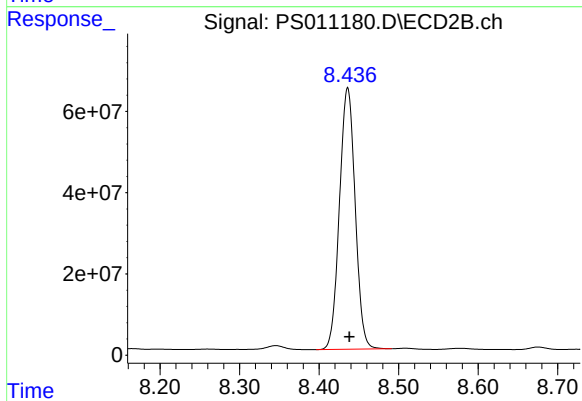
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.002 min
Response: 87268958
Conc: 116.41 ng/ml



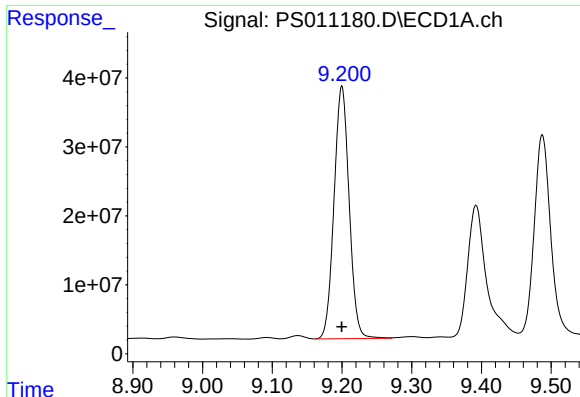
#10 Pentachlorophenol

R.T.: 8.650 min
Delta R.T.: -0.002 min
Response: 1446690941
Conc: 109.44 ng/ml



#10 Pentachlorophenol

R.T.: 8.436 min
Delta R.T.: -0.002 min
Response: 882382399
Conc: 126.60 ng/ml



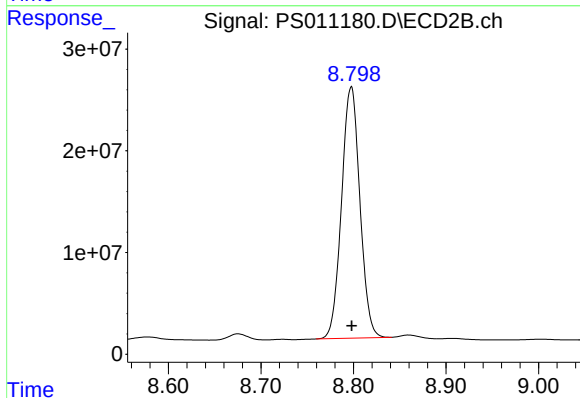
#11 2,4,5-TP (SILVEX)

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 552103752
Conc: 104.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

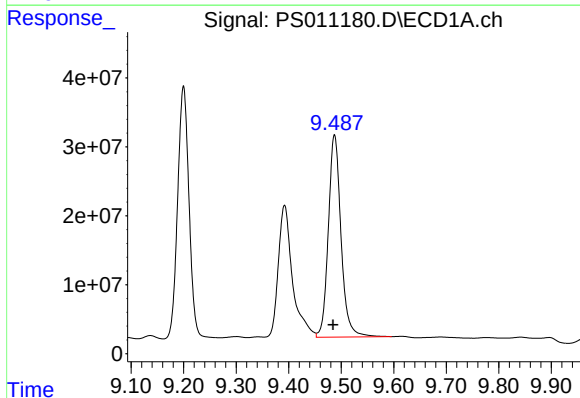
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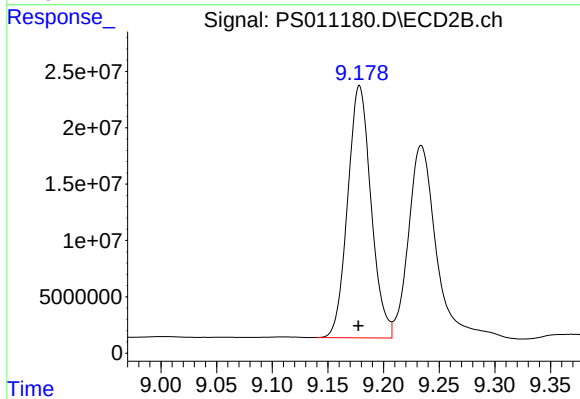
#11 2,4,5-TP (SILVEX)

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 341097259
Conc: 111.57 ng/ml



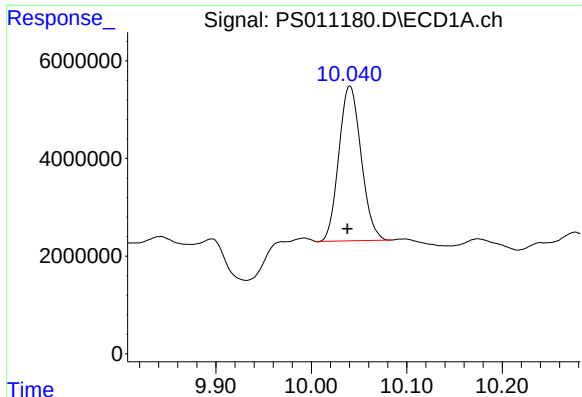
#12 2,4,5-T

R.T.: 9.487 min
Delta R.T.: 0.003 min
Response: 492570346
Conc: 97.62 ng/ml



#12 2,4,5-T

R.T.: 9.178 min
Delta R.T.: 0.001 min
Response: 327449310
Conc: 107.96 ng/ml



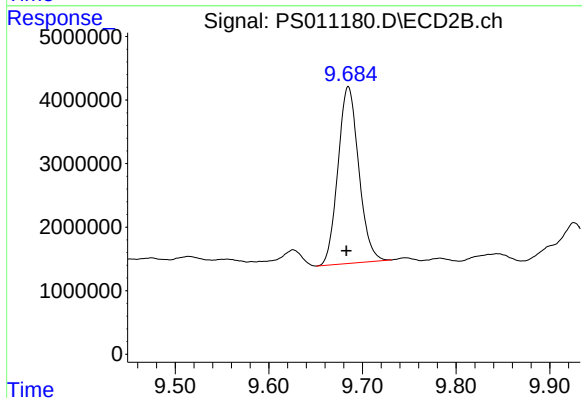
#13 2,4-DB

R.T.: 10.040 min
Delta R.T.: 0.003 min
Response: 51359852
Conc: 79.69 ng/ml

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LOD-MDL-WATER-01-QT3-2020

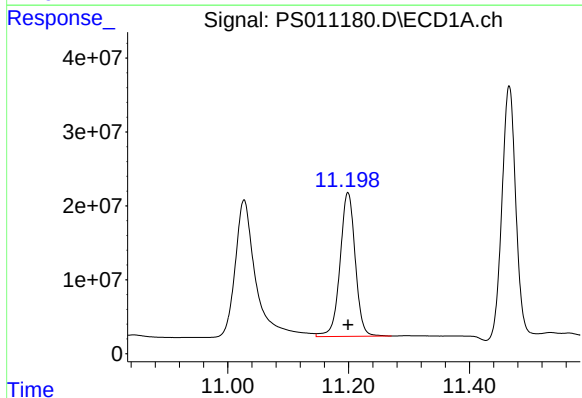
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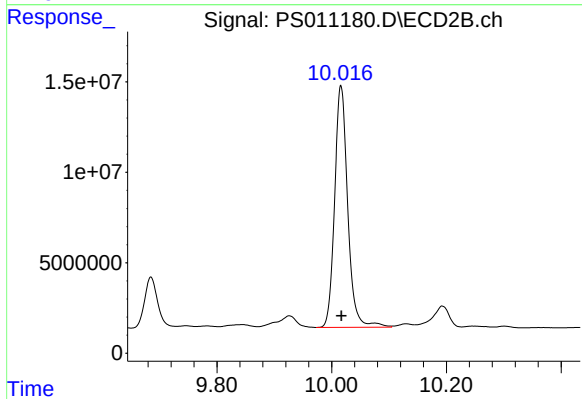
#13 2,4-DB

R.T.: 9.685 min
Delta R.T.: 0.002 min
Response: 42867853
Conc: 100.28 ng/ml



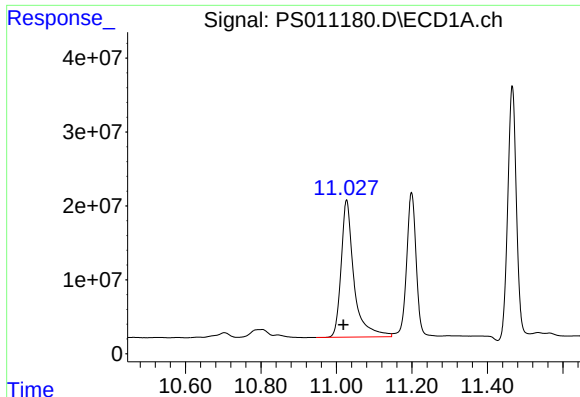
#14 DINOSEB

R.T.: 11.199 min
Delta R.T.: 0.000 min
Response: 340126955
Conc: 88.24 ng/ml



#14 DINOSEB

R.T.: 10.016 min
Delta R.T.: 0.000 min
Response: 212549334
Conc: 99.09 ng/ml



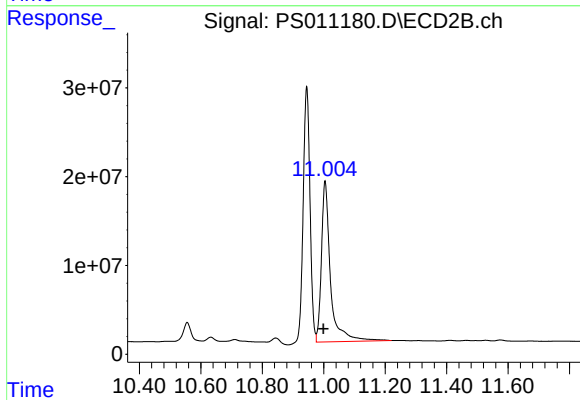
#15 Picloram

R.T.: 11.027 min
Delta R.T.: 0.009 min
Response: 438908571
Conc: 69.56 ng/ml

Instrument :
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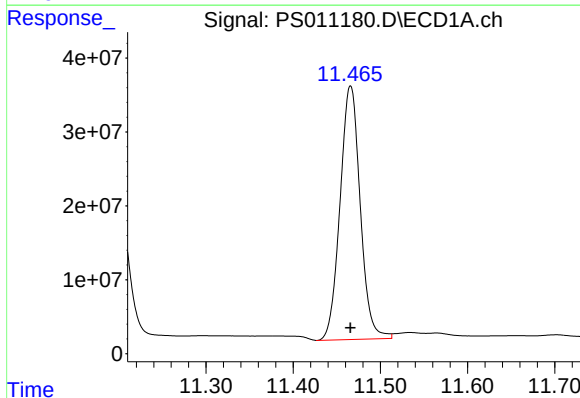
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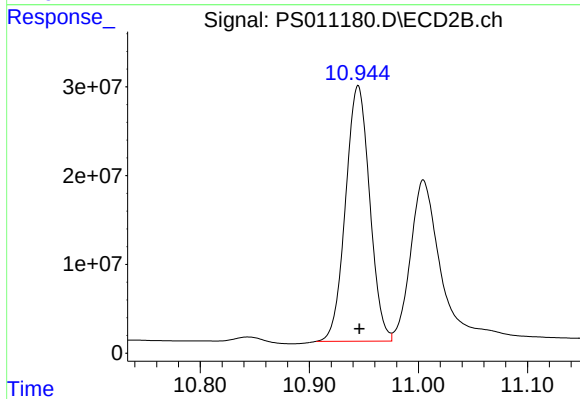
#15 Picloram

R.T.: 11.005 min
Delta R.T.: 0.005 min
Response: 372292514
Conc: 85.13 ng/ml



#16 DCPA

R.T.: 11.466 min
Delta R.T.: 0.000 min
Response: 551105319
Conc: 85.54 ng/ml



#16 DCPA

R.T.: 10.945 min
Delta R.T.: -0.001 min
Response: 442326224
Conc: 116.96 ng/ml