

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100523\
 Data File : PS024560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 17:47
 Operator : AR\AJ
 Sample : 04699-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 18:59:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100323.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 03 14:54:54 2023
 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 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	6.359	6.782	993.2E6	333.6E6	482.760	482.623
Target Compounds							
1) T	Dalapon	2.476	2.541	221.5E6	100.7E6	89.642	89.970m
2) T	3,5-DICHL...	5.734	5.968	311.1E6	97749311	99.180	89.951
3) T	4-Nitroph...	6.198	6.396	128.0E6	35467017	94.556m	77.755m
5) T	DICAMBA	6.500	6.944	814.5E6	243.1E6	90.792	82.089
6) T	MCPD	6.648	7.037	42061701	14700044	6.639m	7.460
7) T	MCPA	6.770	7.243	71123658	37753264	7.980m	11.782m#
8) T	DICHLORPROP	7.088	7.560	240.2E6	86398737	102.183	114.886
9) T	2,4-D	7.286	7.842	286.1E6	95108040	103.548	103.327
10) T	Pentachlo...	7.514	8.266	3398.2E6	1010.6E6	104.512	92.751
11) T	2,4,5-TP ...	8.035	8.625	1385.7E6	374.0E6	100.011	88.187
12) T	2,4,5-T	8.290	8.995	1294.6E6	360.8E6	99.088	87.508
13) T	2,4-DB	8.796	9.498	225.0E6	49886983	110.155	97.898
14) T	DINOSEB	9.847	9.826	923.4E6	256.6E6	90.329	82.743
15) T	Picloram	9.674	10.778	1455.0E6	469.0E6	83.449	75.464
16) T	DCPA	10.112	10.749	1763.1E6	435.4E6	103.575m	83.451m

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

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Acq On : 05 Oct 2023 17:47
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Sample : 04699-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

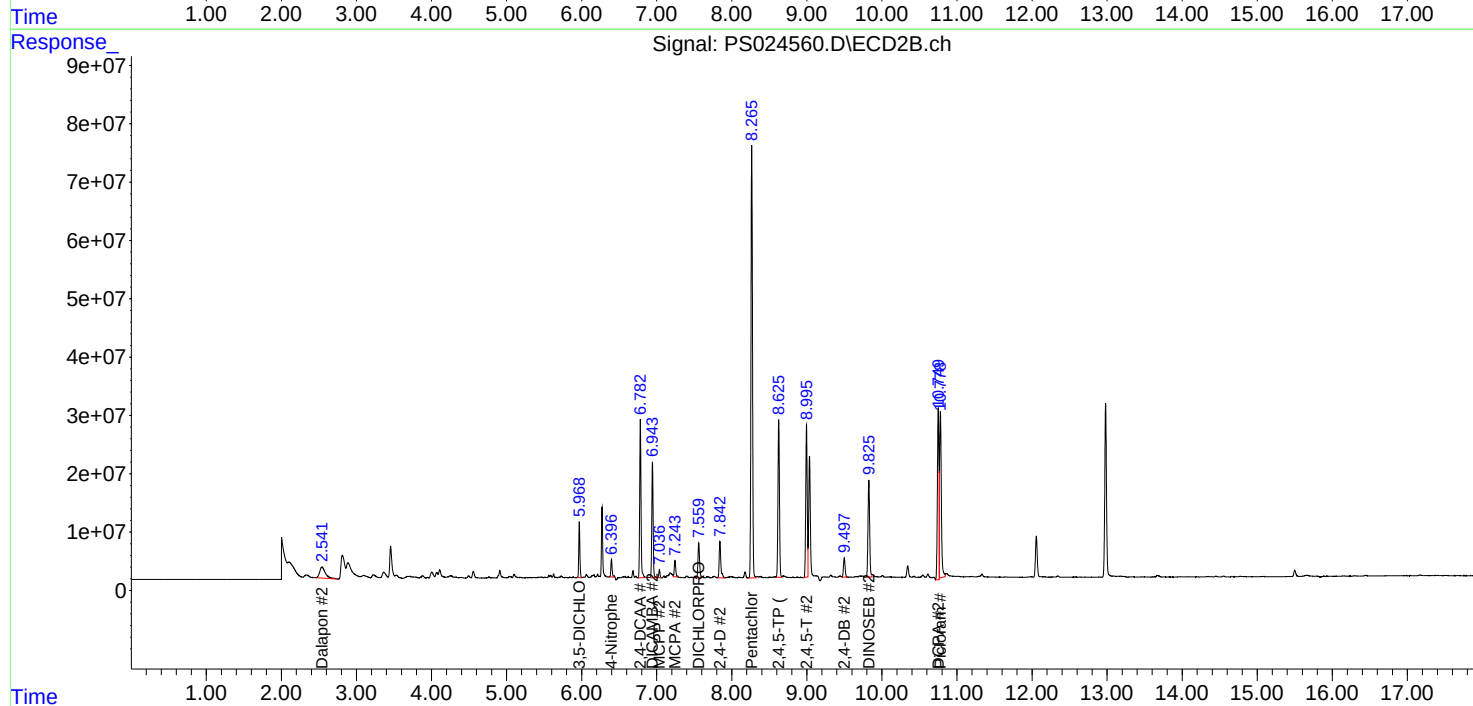
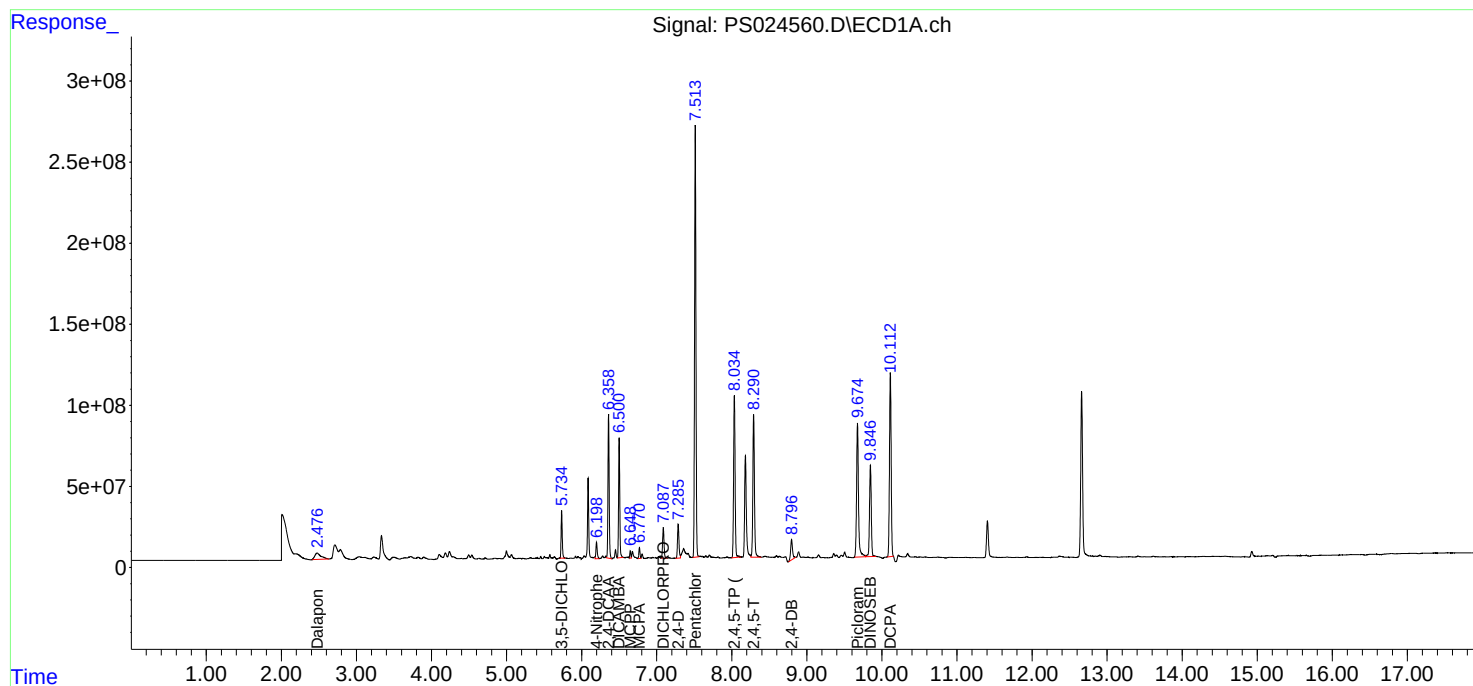
Instrument :
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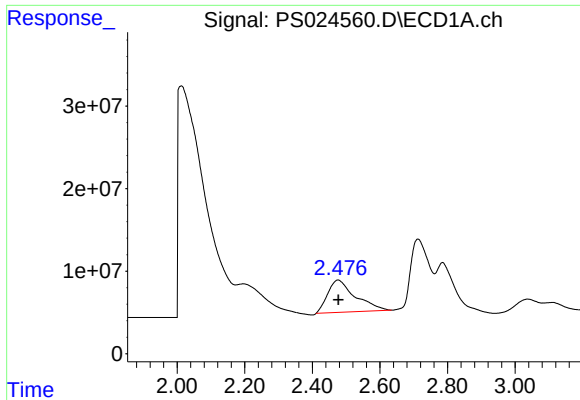
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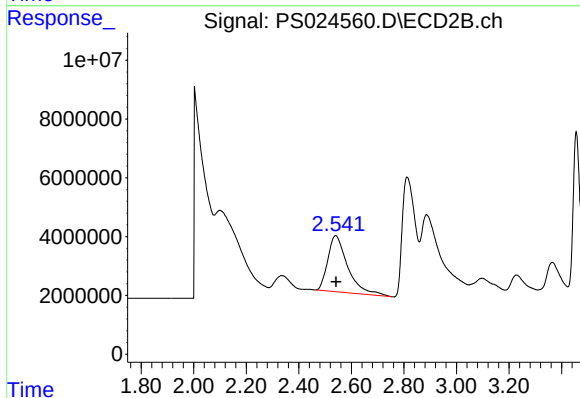
#1 Dalapon

R.T.: 2.476 min
Delta R.T.: -0.001 min
Response: 221465097
Conc: 89.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2023

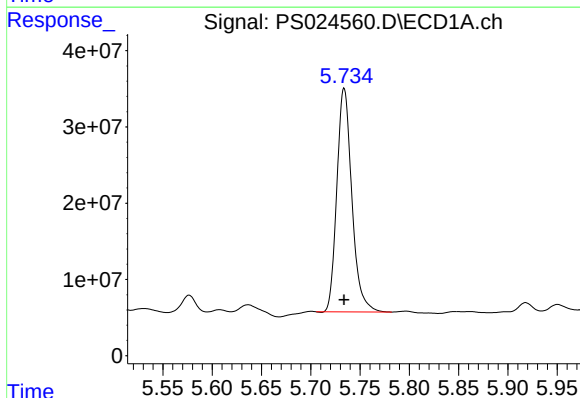
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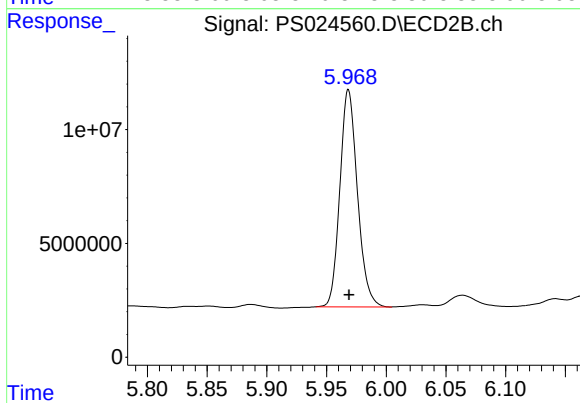
#1 Dalapon

R.T.: 2.541 min
Delta R.T.: -0.001 min
Response: 100688029
Conc: 89.97 ng/ml m



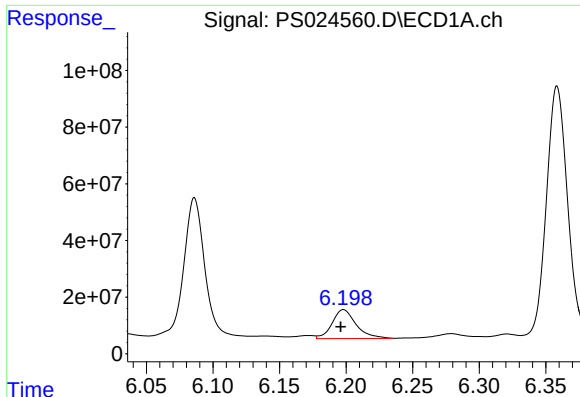
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 311107412
Conc: 99.18 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 97749311
Conc: 89.95 ng/ml



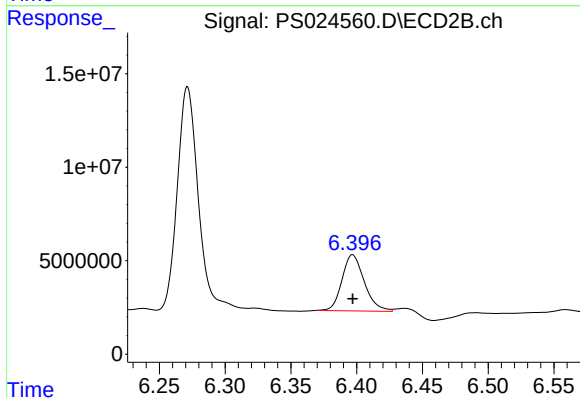
#3 4-Nitrophenol

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 127998440
Conc: 94.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2023

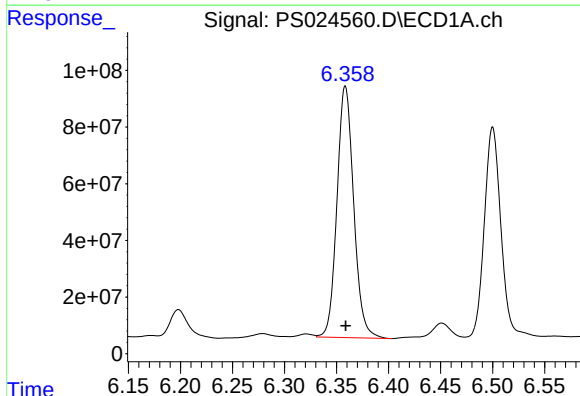
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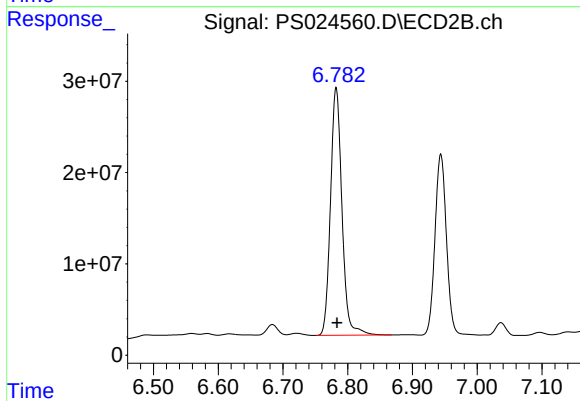
#3 4-Nitrophenol

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 35467017
Conc: 77.76 ng/ml m



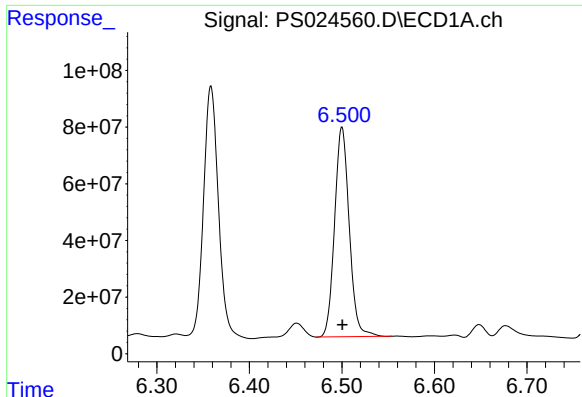
#4 2,4-DCAA

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 993196393
Conc: 482.76 ng/ml



#4 2,4-DCAA

R.T.: 6.782 min
Delta R.T.: -0.001 min
Response: 333633053
Conc: 482.62 ng/ml



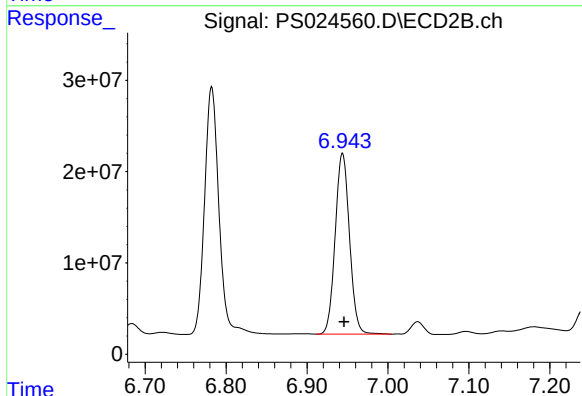
#5 DICAMBA

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 814463739
Conc: 90.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2023

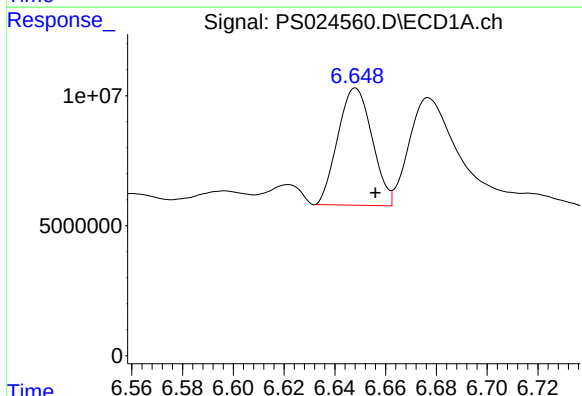
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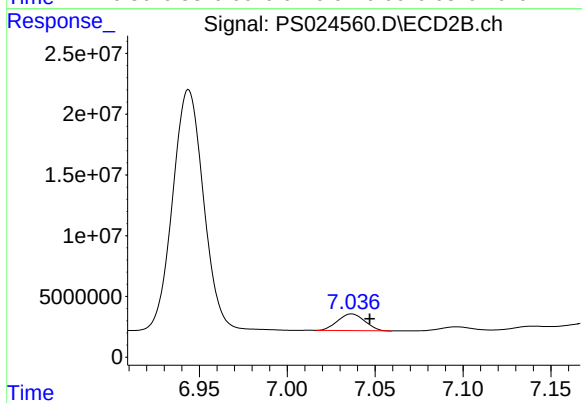
#5 DICAMBA

R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 243091493
Conc: 82.09 ng/ml



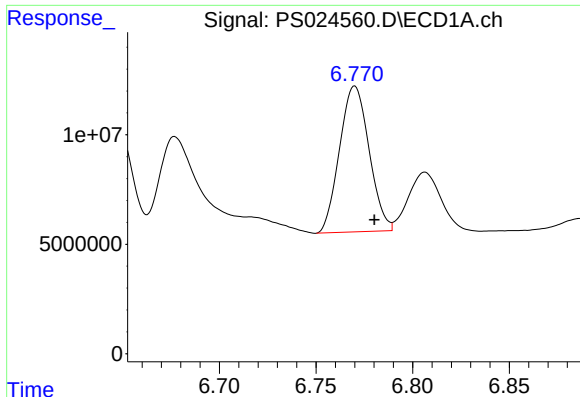
#6 MCP

R.T.: 6.648 min
Delta R.T.: -0.008 min
Response: 42061701
Conc: 6.64 ug/ml m



#6 MCP

R.T.: 7.037 min
Delta R.T.: -0.010 min
Response: 14700044
Conc: 7.46 ug/ml



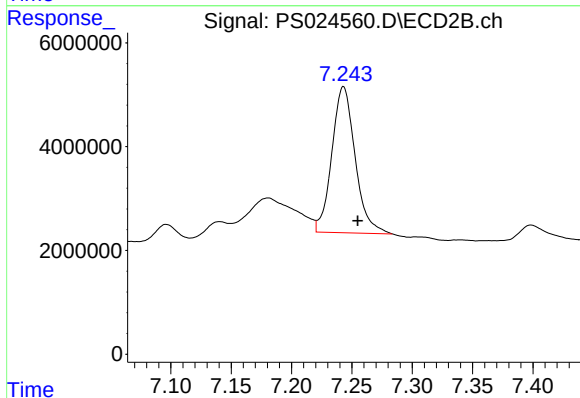
#7 MCPA

R.T.: 6.770 min
Delta R.T.: -0.011 min
Response: 71123658
Conc: 7.98 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2023

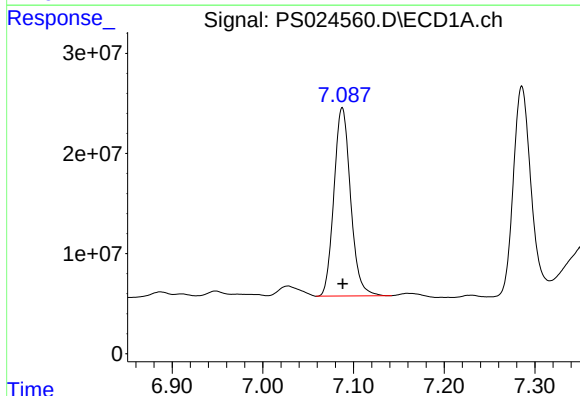
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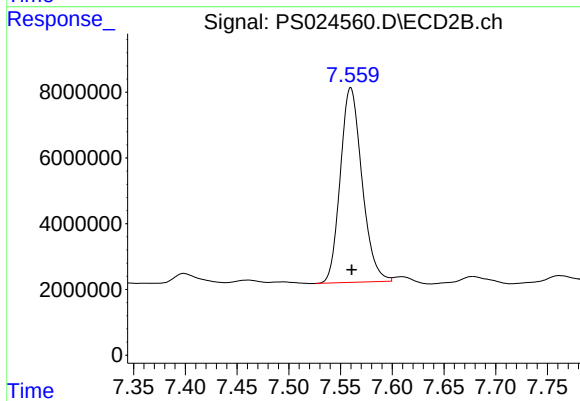
#7 MCPA

R.T.: 7.243 min
Delta R.T.: -0.012 min
Response: 37753264
Conc: 11.78 ug/ml m



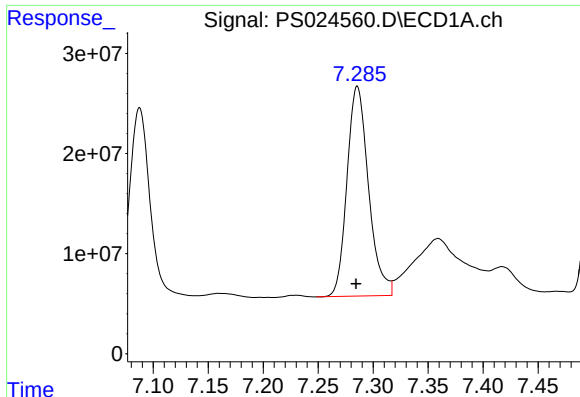
#8 DICHLORPROP

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 240210864
Conc: 102.18 ng/ml



#8 DICHLORPROP

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 86398737
Conc: 114.89 ng/ml



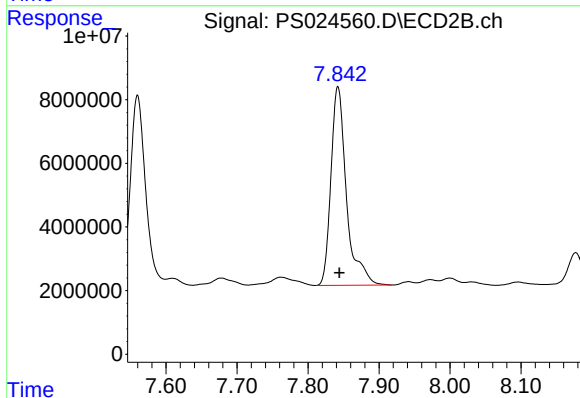
#9 2,4-D

R.T.: 7.286 min
Delta R.T.: 0.001 min
Response: 286103788
Conc: 103.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2023

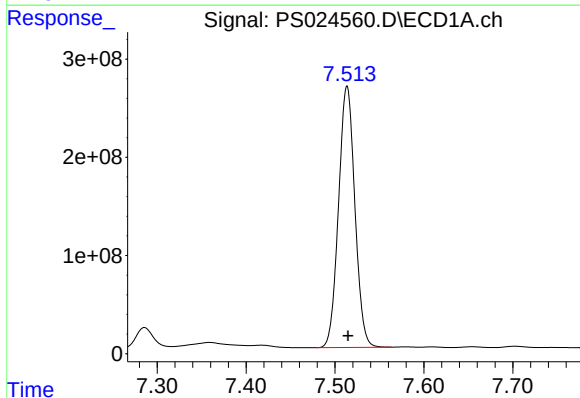
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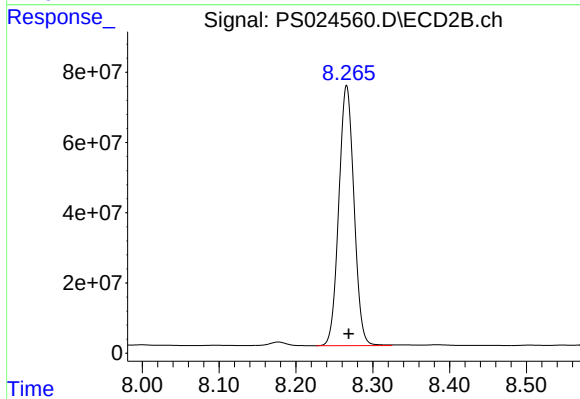
#9 2,4-D

R.T.: 7.842 min
Delta R.T.: -0.002 min
Response: 95108040
Conc: 103.33 ng/ml



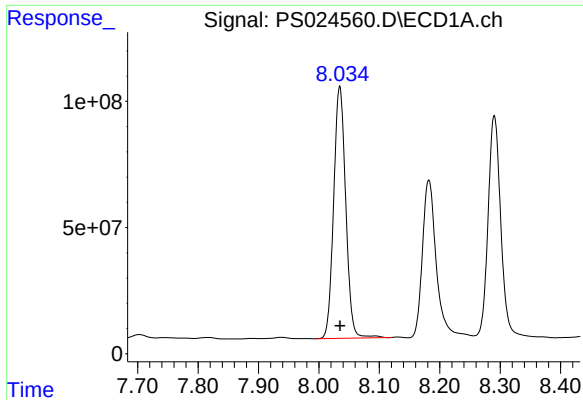
#10 Pentachlorophenol

R.T.: 7.514 min
Delta R.T.: -0.001 min
Response: 3398198826
Conc: 104.51 ng/ml



#10 Pentachlorophenol

R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 1010634767
Conc: 92.75 ng/ml



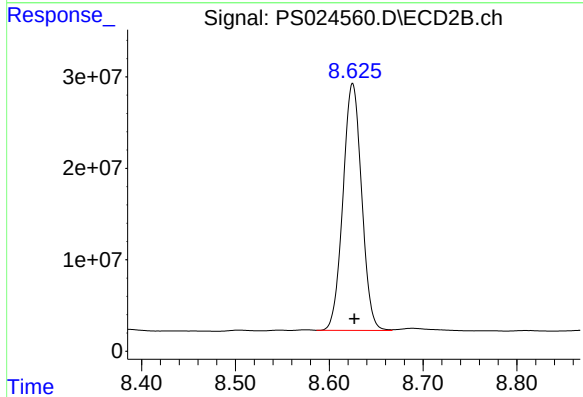
#11 2,4,5-TP (SILVEX)

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 1385657597
Conc: 100.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2023

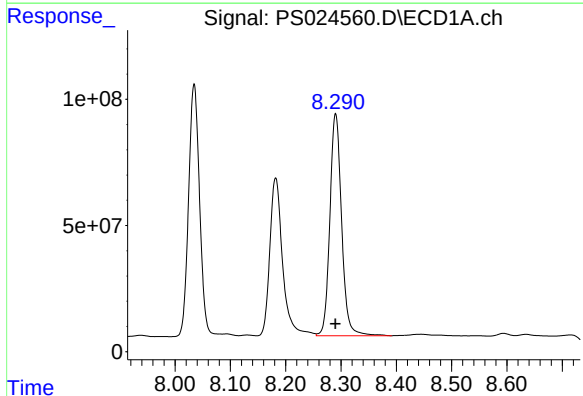
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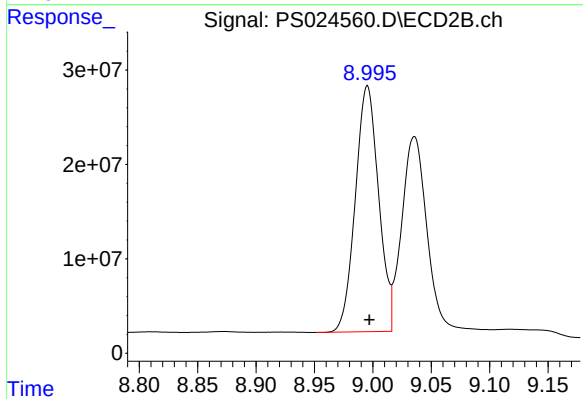
#11 2,4,5-TP (SILVEX)

R.T.: 8.625 min
Delta R.T.: -0.002 min
Response: 374010814
Conc: 88.19 ng/ml



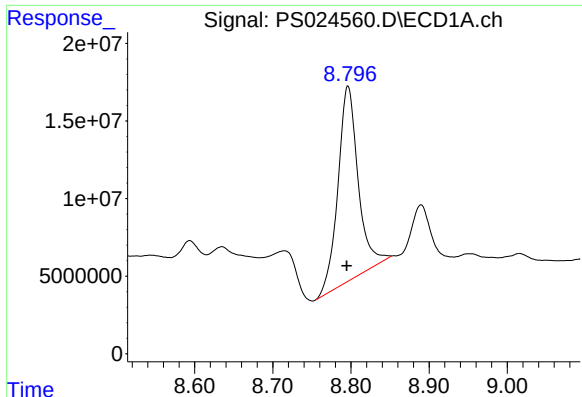
#12 2,4,5-T

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 1294607535
Conc: 99.09 ng/ml



#12 2,4,5-T

R.T.: 8.995 min
Delta R.T.: -0.002 min
Response: 360839532
Conc: 87.51 ng/ml



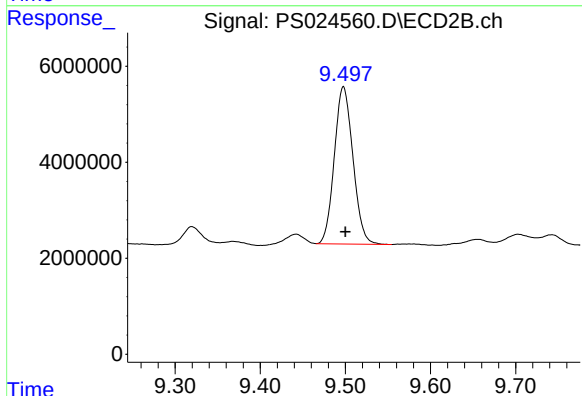
#13 2,4-DB

R.T.: 8.796 min
Delta R.T.: 0.002 min
Response: 225041748
Conc: 110.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2023

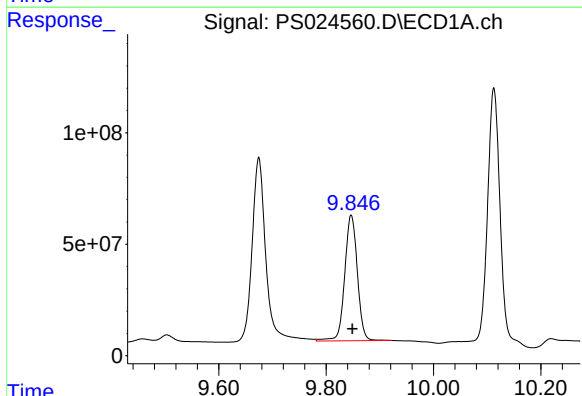
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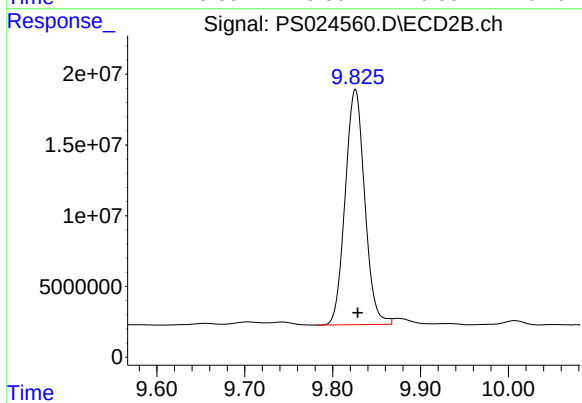
#13 2,4-DB

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 49886983
Conc: 97.90 ng/ml



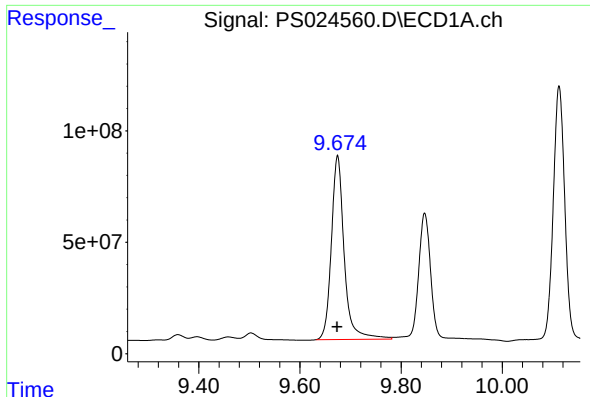
#14 DINOSEB

R.T.: 9.847 min
Delta R.T.: -0.002 min
Response: 923392330
Conc: 90.33 ng/ml



#14 DINOSEB

R.T.: 9.826 min
Delta R.T.: -0.003 min
Response: 256590287
Conc: 82.74 ng/ml



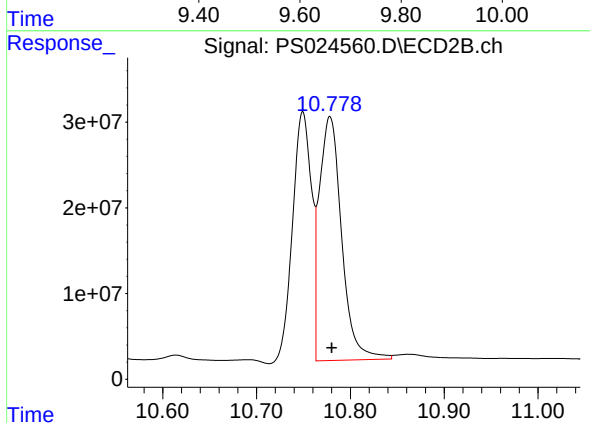
#15 Picloram

R.T.: 9.674 min
Delta R.T.: 0.001 min
Response: 1455037507
Conc: 83.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2023

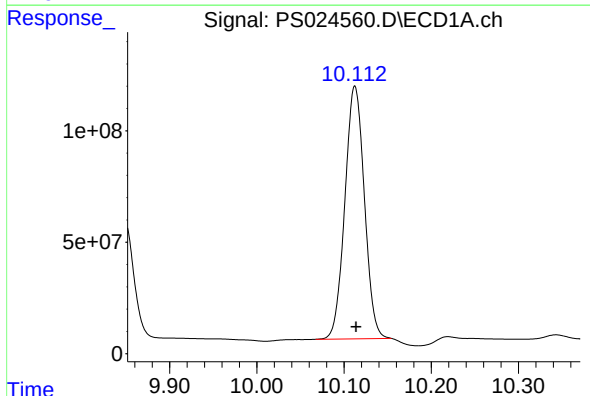
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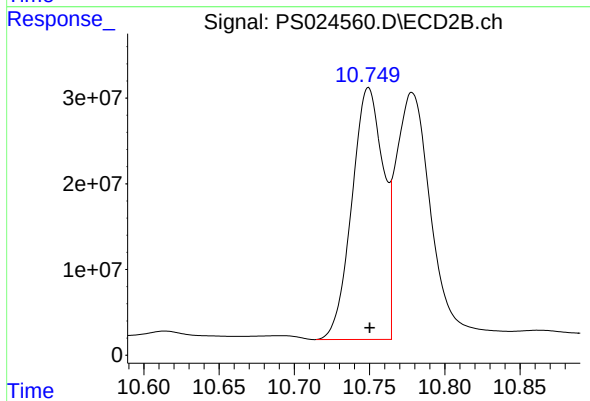
#15 Picloram

R.T.: 10.778 min
Delta R.T.: -0.002 min
Response: 468960530
Conc: 75.46 ng/ml



#16 DCPA

R.T.: 10.112 min
Delta R.T.: -0.002 min
Response: 1763123261
Conc: 103.57 ng/ml m



#16 DCPA

R.T.: 10.749 min
Delta R.T.: -0.001 min
Response: 435398298
Conc: 83.45 ng/ml m