

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100423\
 Data File : PS024549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 01:19
 Operator : AR\AJ
 Sample : 04699-07
 Misc : (Sig #1); LOD 150 PPB (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/05/2023
 Supervised By :Ankita Jodhani 10/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 04:48:29 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	6.358	6.782	1032.9E6	349.7E6	502.052	505.835
Target Compounds							
1) T	Dalapon	2.477	2.539	289.1E6	130.0E6	117.008m	116.127m
2) T	3,5-DICHL...	5.733	5.968	461.5E6	146.1E6	147.134	134.461
3) T	4-Nitroph...	6.197	6.396	175.2E6	52700423	129.434m	115.536m
5) T	DICAMBA	6.500	6.944	1227.3E6	369.5E6	136.814	124.762
6) T	MCPD	6.648	7.037	68147678	24084723	10.757	12.222
7) T	MCPA	6.769	7.243	114.2E6	53475444	12.812m	16.689 #
8) T	DICHLORPROP	7.087	7.559	347.4E6	115.7E6	147.776	153.842
9) T	2,4-D	7.285	7.842	420.7E6	141.1E6	152.246	153.242
10) T	Pentachlo...	7.513	8.266	5140.6E6	1564.2E6	158.099	143.555
11) T	2,4,5-TP ...	8.034	8.625	2044.5E6	571.3E6	147.561	134.705
12) T	2,4,5-T	8.289	8.994	1931.3E6	554.1E6	147.819	134.366
13) T	2,4-DB	8.795	9.498	305.2E6	74384708	149.391	145.972
14) T	DINOSEB	9.846	9.825	1389.9E6	400.4E6	135.962	129.130
15) T	Picloram	9.673	10.778	2144.7E6	714.1E6	123.001	114.911
16) T	DCPA	10.111	10.749	2615.9E6	617.0E6	153.670m	118.261

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

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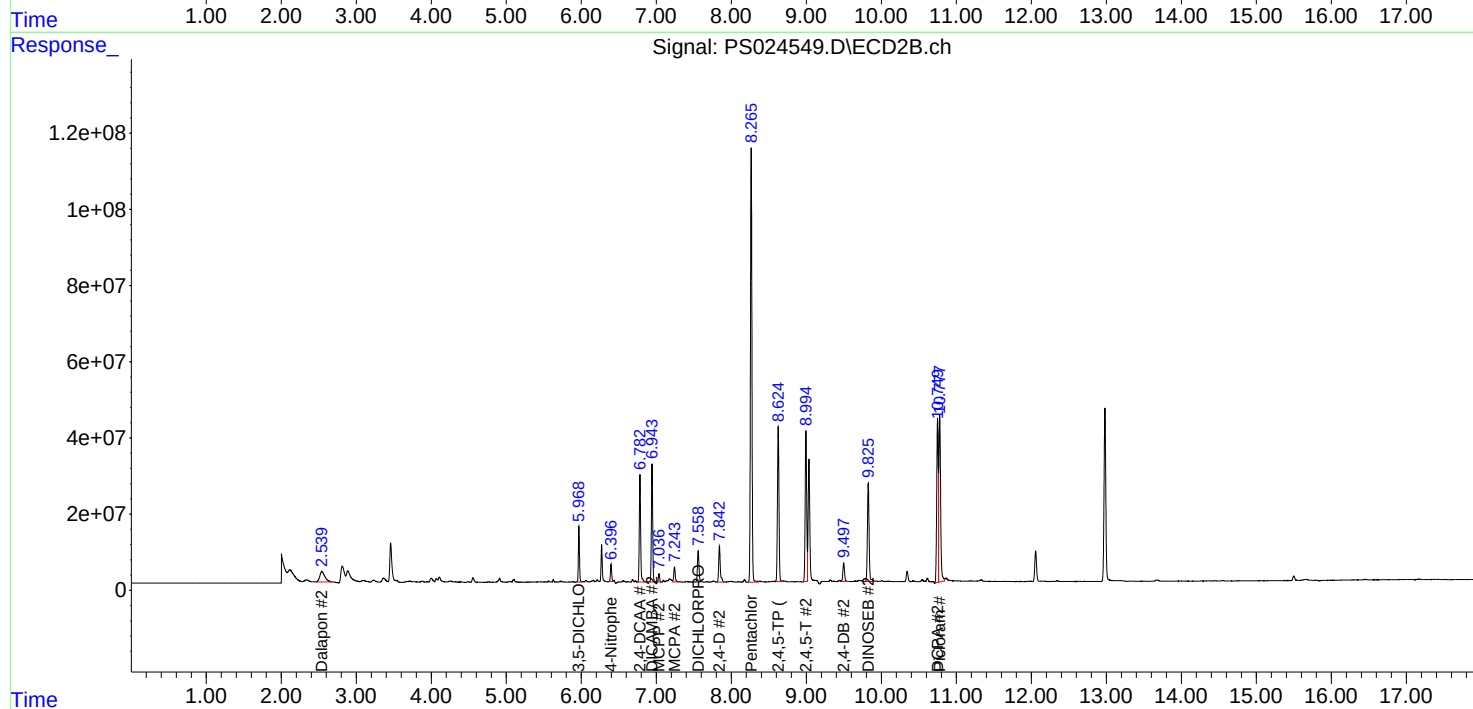
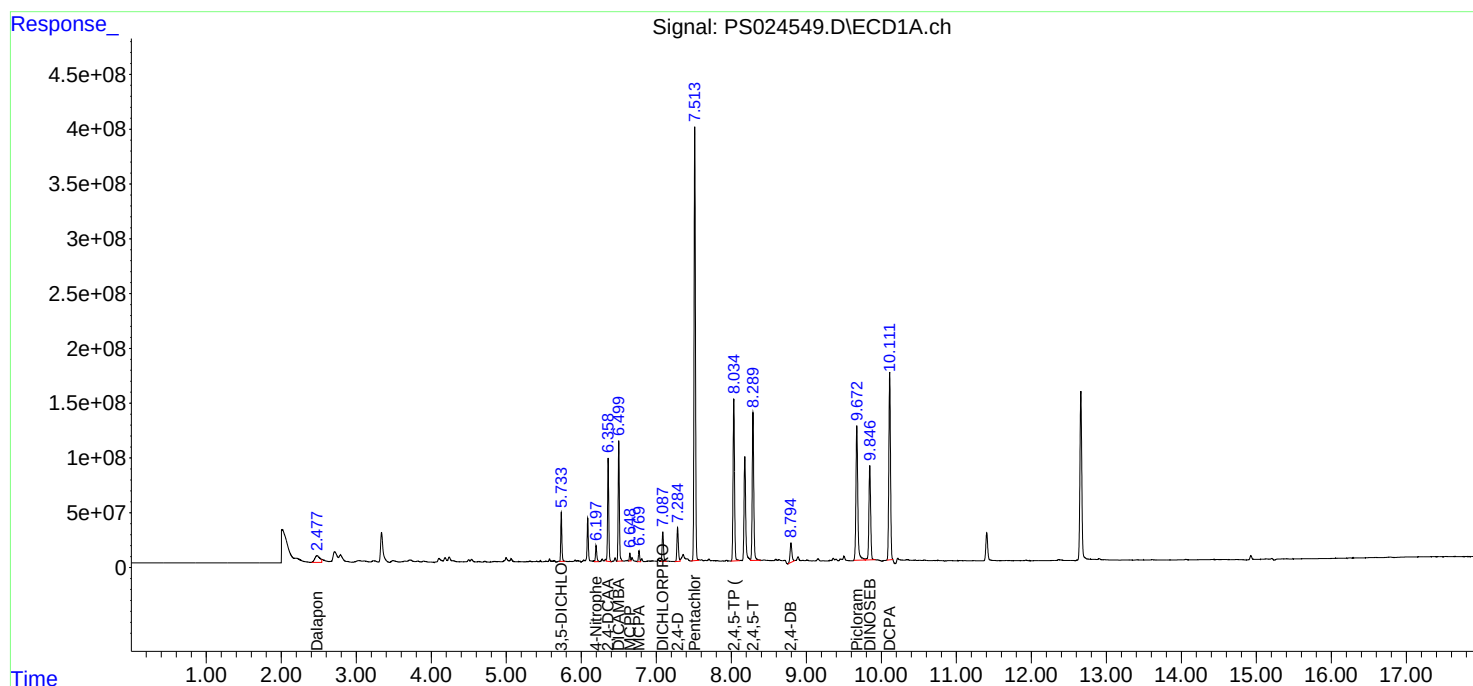
Instrument :
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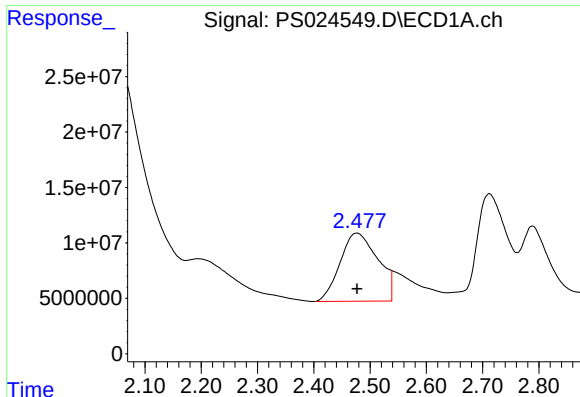
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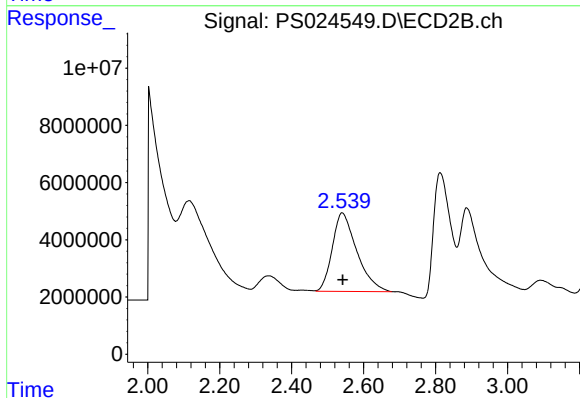
#1 Dalapon

R.T.: 2.477 min
Delta R.T.: 0.000 min
Response: 289075154
Conc: 117.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
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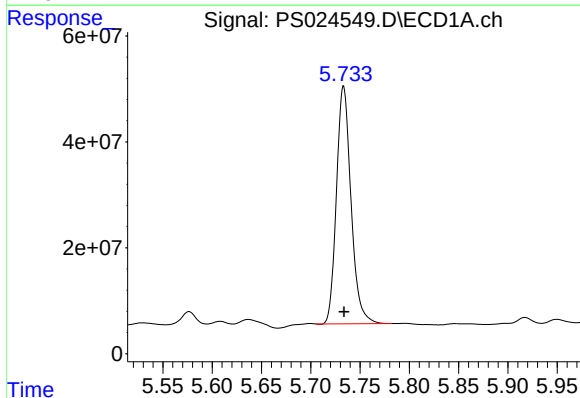
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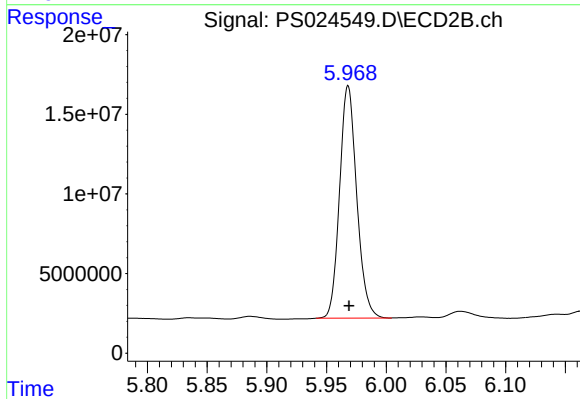
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: -0.003 min
Response: 129961368
Conc: 116.13 ng/ml m



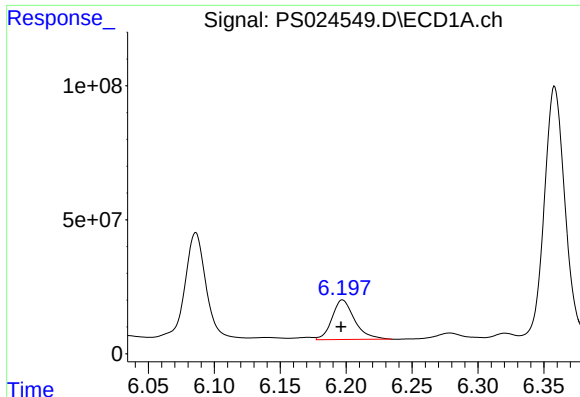
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 461527877
Conc: 147.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 146119195
Conc: 134.46 ng/ml



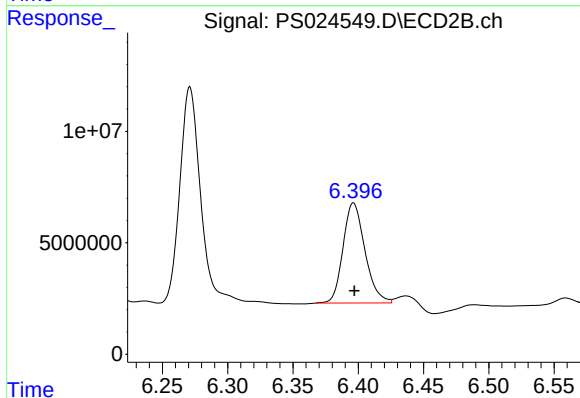
#3 4-Nitrophenol

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 175211858
Conc: 129.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
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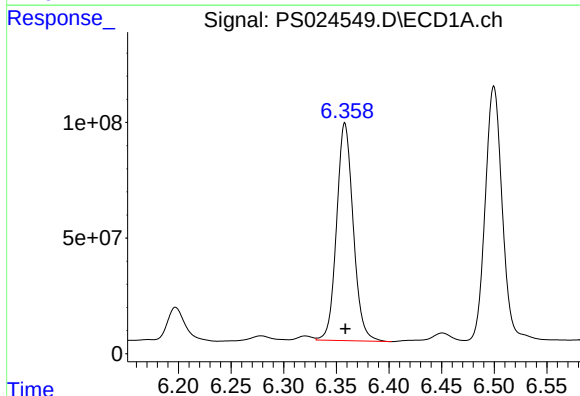
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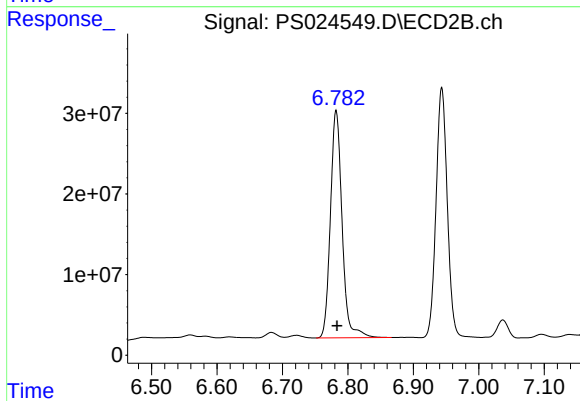
#3 4-Nitrophenol

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 52700423
Conc: 115.54 ng/ml m



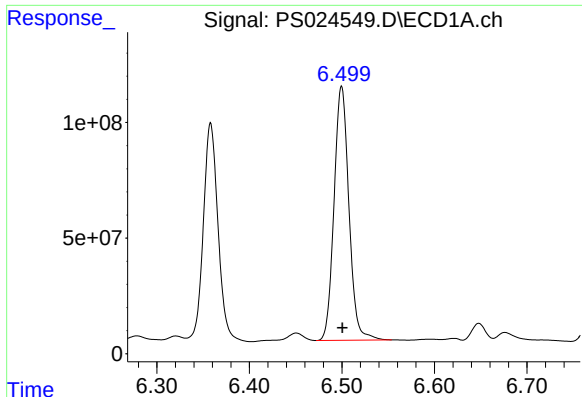
#4 2,4-DCAA

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 1032885300
Conc: 502.05 ng/ml



#4 2,4-DCAA

R.T.: 6.782 min
Delta R.T.: -0.001 min
Response: 349678888
Conc: 505.83 ng/ml



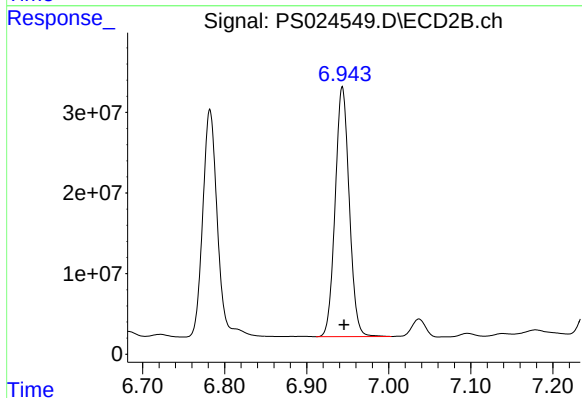
#5 DICAMBA

R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 1227311824
Conc: 136.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

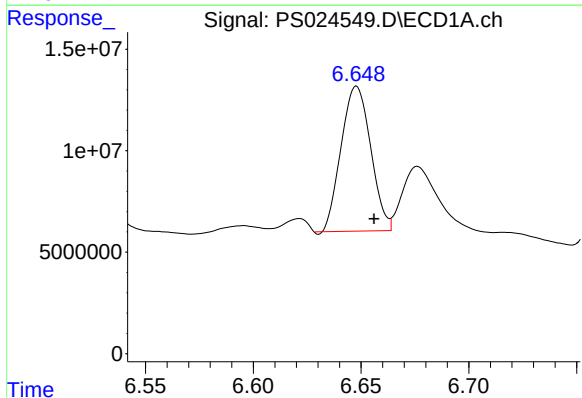
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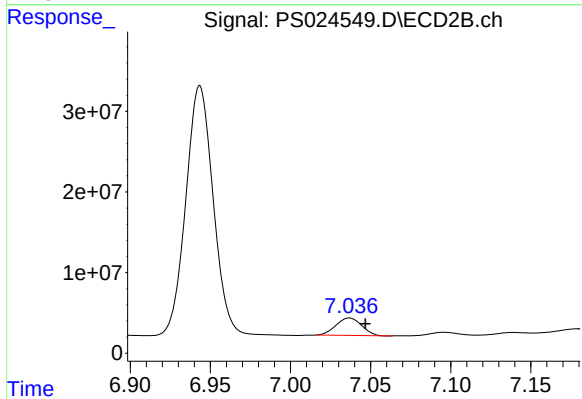
#5 DICAMBA

R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 369458607
Conc: 124.76 ng/ml



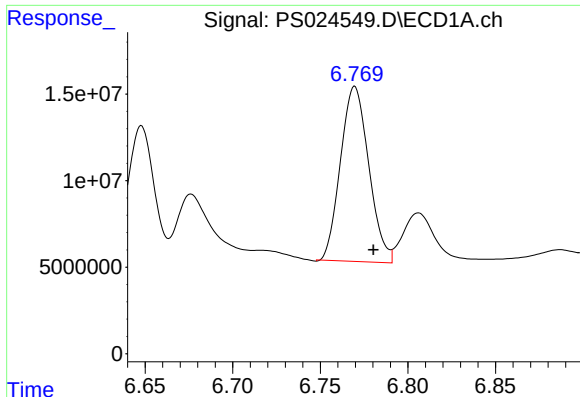
#6 MCP

R.T.: 6.648 min
Delta R.T.: -0.008 min
Response: 68147678
Conc: 10.76 ug/ml



#6 MCP

R.T.: 7.037 min
Delta R.T.: -0.010 min
Response: 24084723
Conc: 12.22 ug/ml



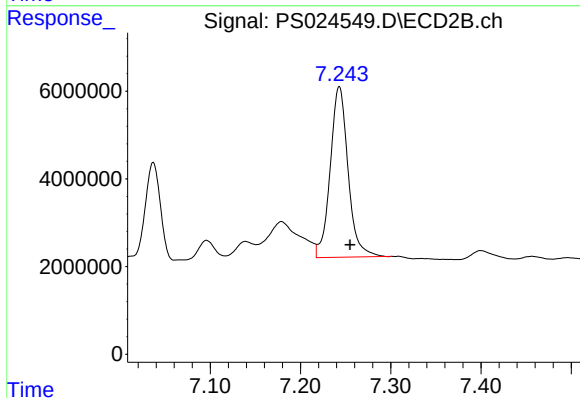
#7 MCPA

R.T.: 6.769 min
Delta R.T.: -0.011 min
Response: 114187401
Conc: 12.81 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

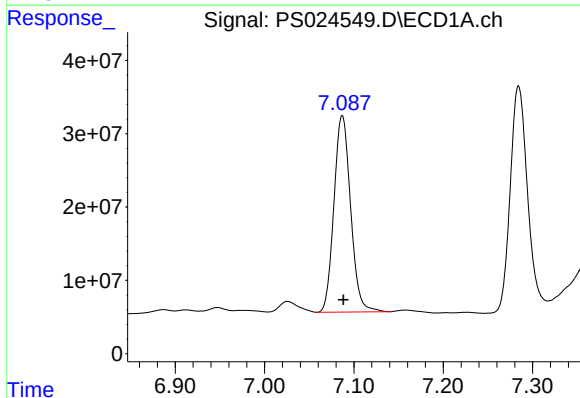
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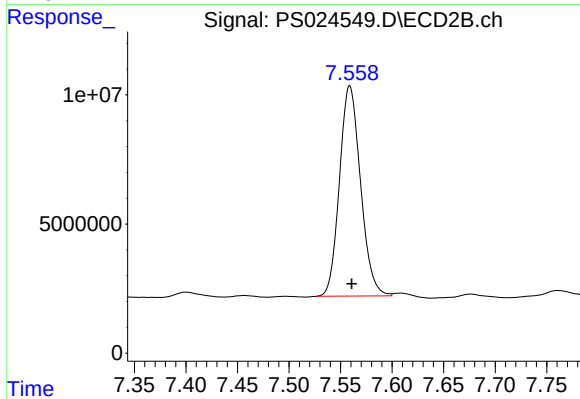
#7 MCPA

R.T.: 7.243 min
Delta R.T.: -0.012 min
Response: 53475444
Conc: 16.69 ug/ml



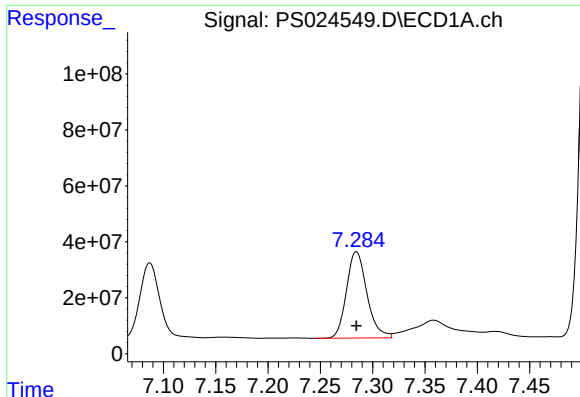
#8 DICHLORPROP

R.T.: 7.087 min
Delta R.T.: -0.001 min
Response: 347387672
Conc: 147.78 ng/ml



#8 DICHLORPROP

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 115695625
Conc: 153.84 ng/ml



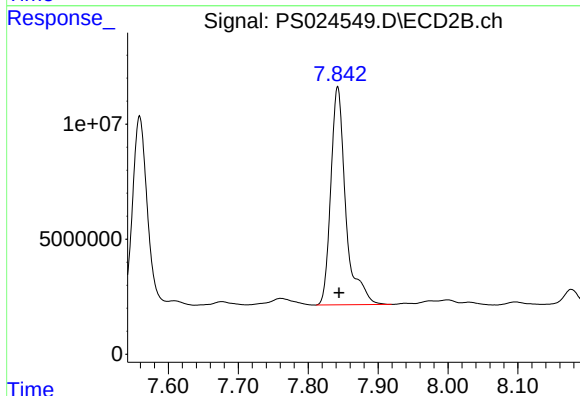
#9 2,4-D

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 420654880
Conc: 152.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

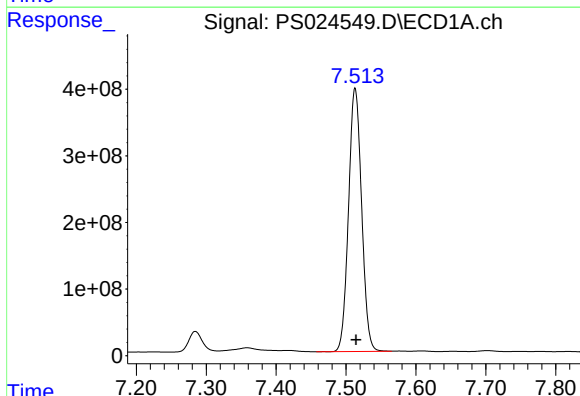
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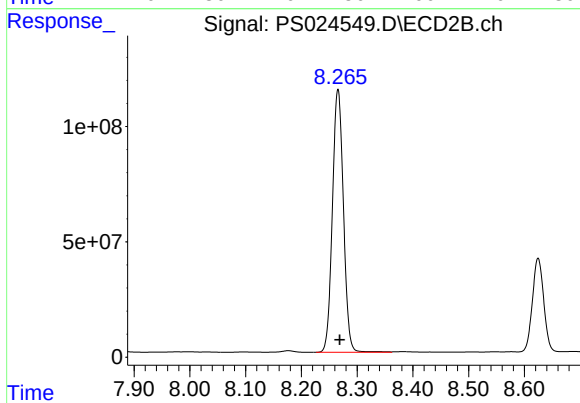
#9 2,4-D

R.T.: 7.842 min
Delta R.T.: -0.002 min
Response: 141053342
Conc: 153.24 ng/ml



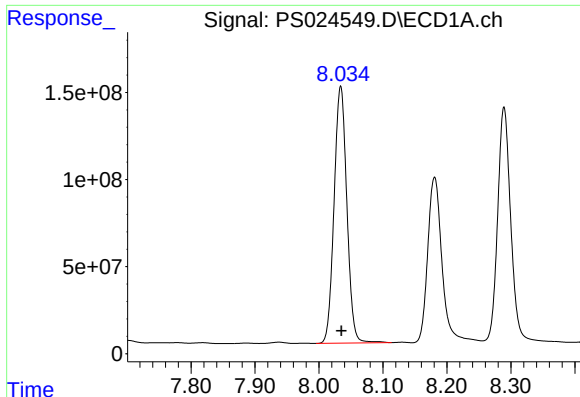
#10 Pentachlorophenol

R.T.: 7.513 min
Delta R.T.: -0.001 min
Response: 5140574911
Conc: 158.10 ng/ml



#10 Pentachlorophenol

R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 1564205945
Conc: 143.55 ng/ml



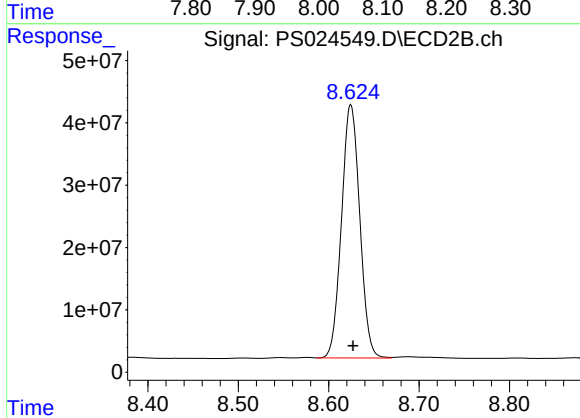
#11 2,4,5-TP (SILVEX)

R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 2044469003
Conc: 147.56 ng/ml

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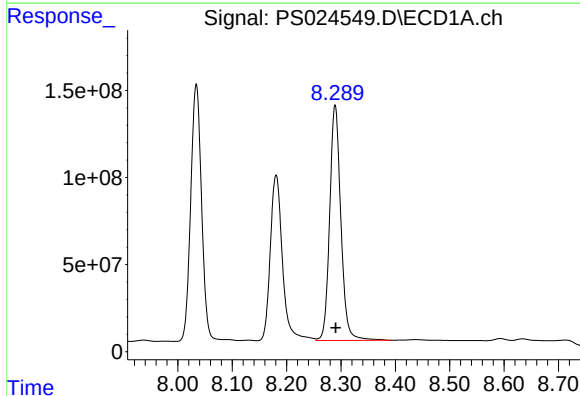
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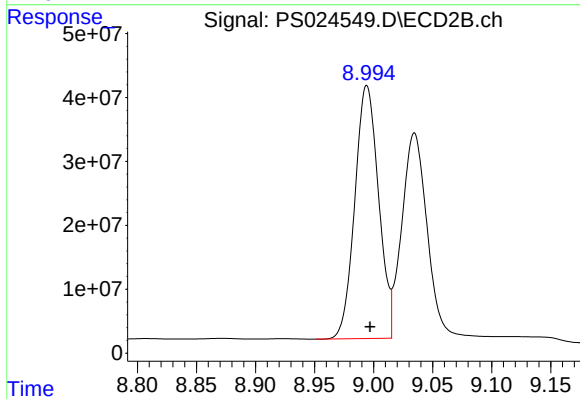
#11 2,4,5-TP (SILVEX)

R.T.: 8.625 min
Delta R.T.: -0.002 min
Response: 571297651
Conc: 134.71 ng/ml



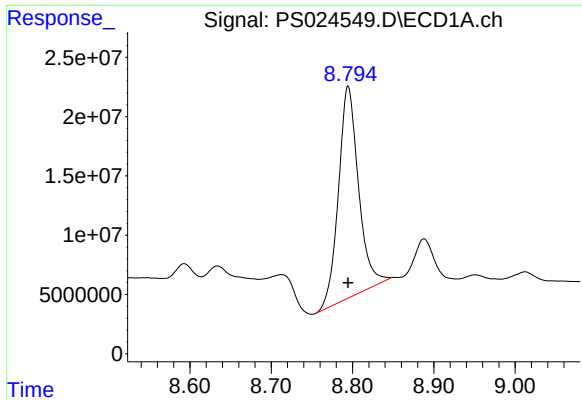
#12 2,4,5-T

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 1931285936
Conc: 147.82 ng/ml



#12 2,4,5-T

R.T.: 8.994 min
Delta R.T.: -0.003 min
Response: 554062273
Conc: 134.37 ng/ml



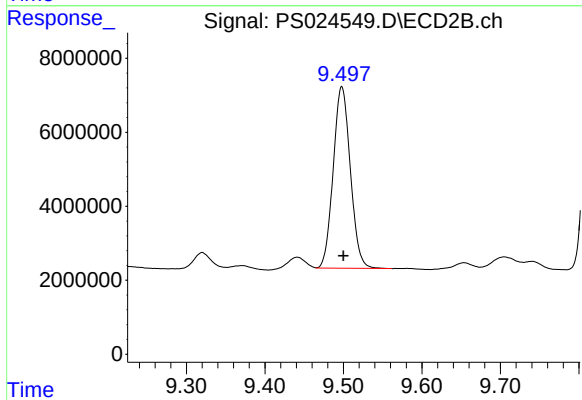
#13 2,4-DB

R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 305198727
Conc: 149.39 ng/ml

Instrument :
ECD_S
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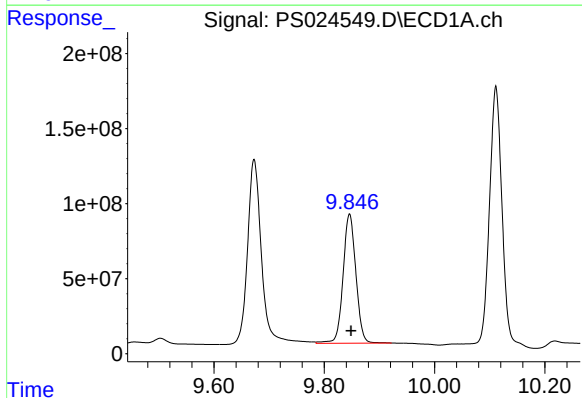
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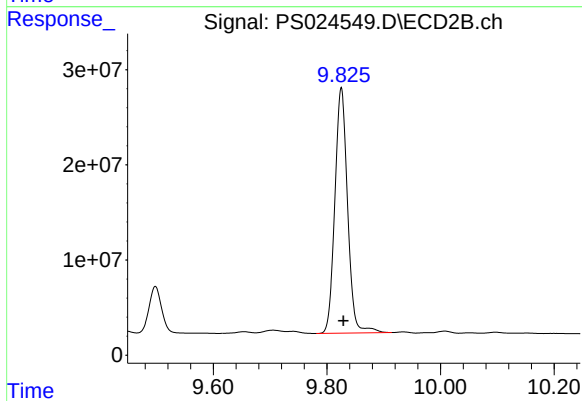
#13 2,4-DB

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 74384708
Conc: 145.97 ng/ml



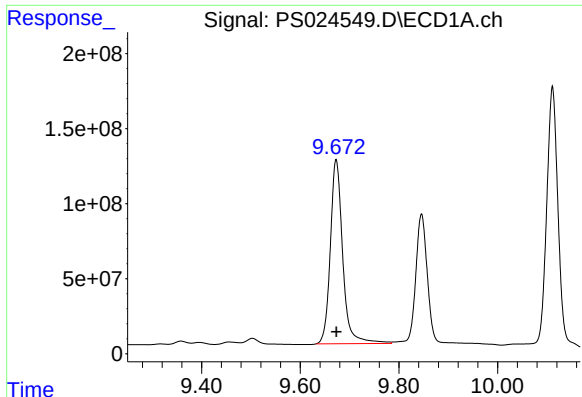
#14 DINOSEB

R.T.: 9.846 min
Delta R.T.: -0.003 min
Response: 1389877610
Conc: 135.96 ng/ml



#14 DINOSEB

R.T.: 9.825 min
Delta R.T.: -0.004 min
Response: 400437836
Conc: 129.13 ng/ml



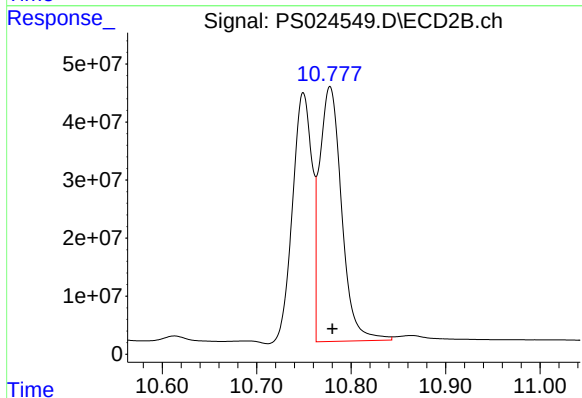
#15 Picloram

R.T.: 9.673 min
Delta R.T.: 0.000 min
Response: 2144692816
Conc: 123.00 ng/ml

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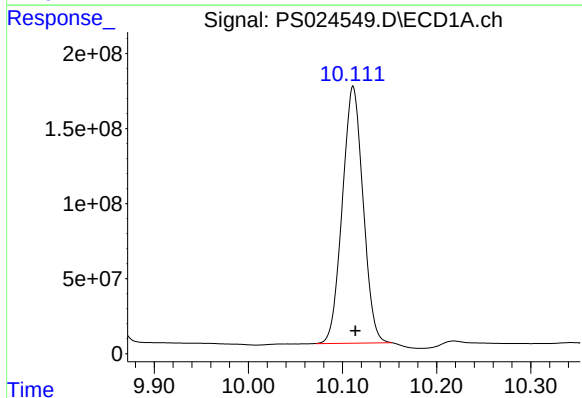
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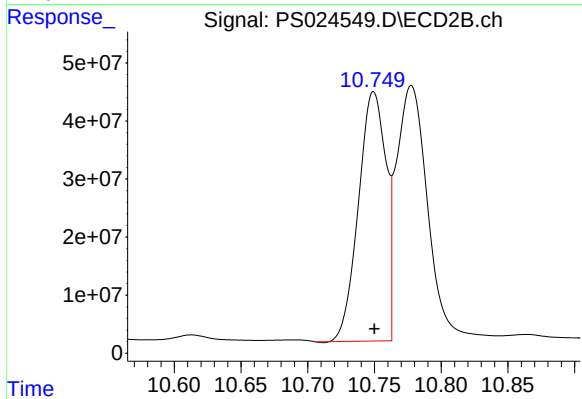
#15 Picloram

R.T.: 10.778 min
Delta R.T.: -0.002 min
Response: 714097612
Conc: 114.91 ng/ml



#16 DCPA

R.T.: 10.111 min
Delta R.T.: -0.003 min
Response: 2615877301
Conc: 153.67 ng/ml m



#16 DCPA

R.T.: 10.749 min
Delta R.T.: 0.000 min
Response: 617018782
Conc: 118.26 ng/ml