

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081023\
 Data File : PS024018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 13:31
 Operator : AR\AJ
 Sample : 03572-09
 Misc : MDL WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:27:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080823.M
 Quant Title : 8080.M
 QLast Update : Tue Aug 08 13:26:17 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 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	6.369	6.796	791.0E6	257.2E6	399.373	382.415
Target Compounds							
1) T	Dalapon	2.476	2.539	174.7E6	81673962	79.606	74.693m
2) T	3,5-DICHL...	5.742	5.977	259.8E6	79042253	85.703	75.436
3) T	4-Nitroph...	6.207	6.408	78032782	26090460	70.502m	65.919m
5) T	DICAMBA	6.512	6.959	659.2E6	217.5E6	74.941	74.164
6) T	MCPD	6.661	7.051	29785788	7373048	4.776m	3.811
7) T	MCPA	6.783	7.259	44046768	30805212	5.244	10.530 #
8) T	DICHLORPROP	7.103	7.576	187.7E6	63098128	83.419	86.306
9) T	2,4-D	7.299	7.861	208.2E6	73831023	84.001m	86.670
10) T	Pentachlo...	7.529	8.287	2746.7E6	824.8E6	87.620	76.766
11) T	2,4,5-TP ...	8.052	8.646	1076.5E6	298.9E6	82.314	72.708
12) T	2,4,5-T	8.309	9.017	924.2E6	269.5E6	82.488	71.331
13) T	2,4-DB	8.816	9.521	159.5E6	37017331	89.626m	81.209
14) T	DINOSEB	9.870	9.849	739.1E6	228.9E6	79.736	76.332
15) T	Picloram	9.695	10.805	871.4E6	283.3E6	67.397	56.860
16) T	DCPA	10.136	10.773	1458.8E6	393.8E6	92.729	76.607

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

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Acq On : 10 Aug 2023 13:31
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Sample : 03572-09
Misc : MDL WATER
ALS Vial : 7 Sample Multiplier: 1

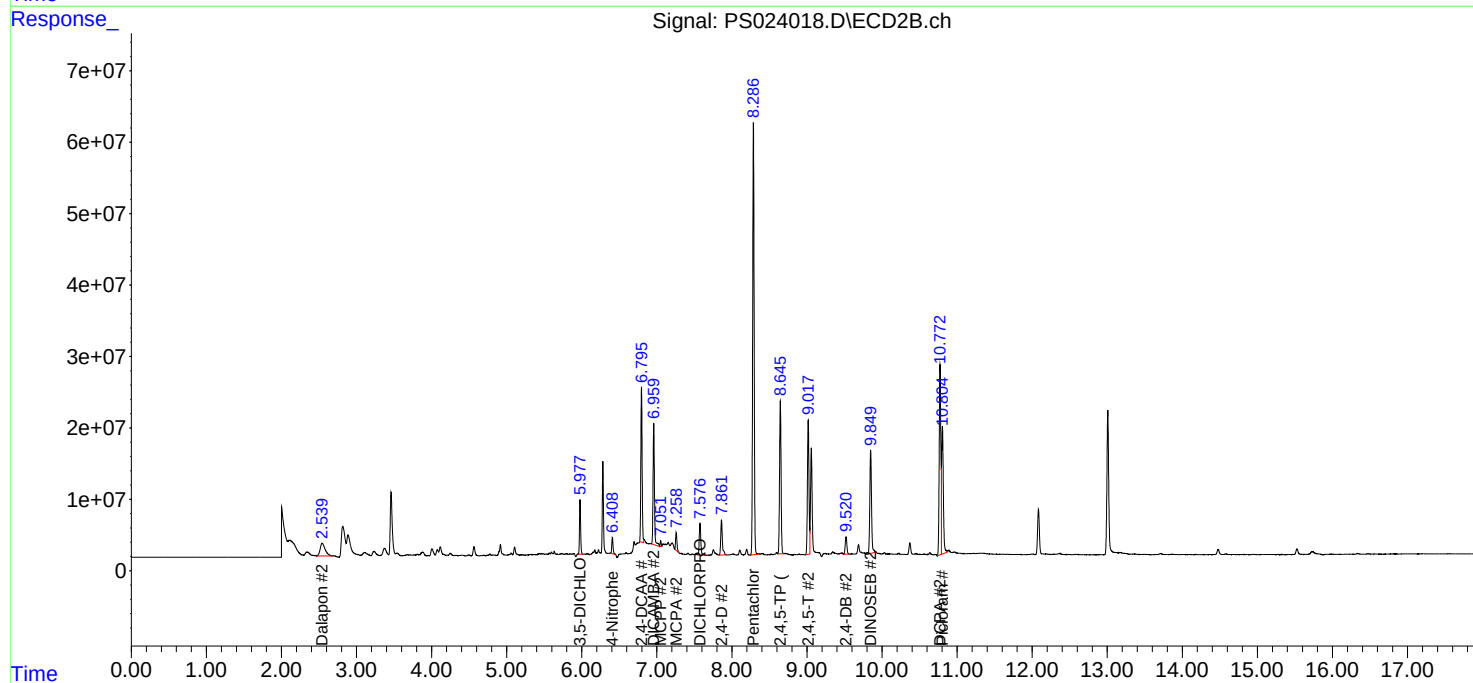
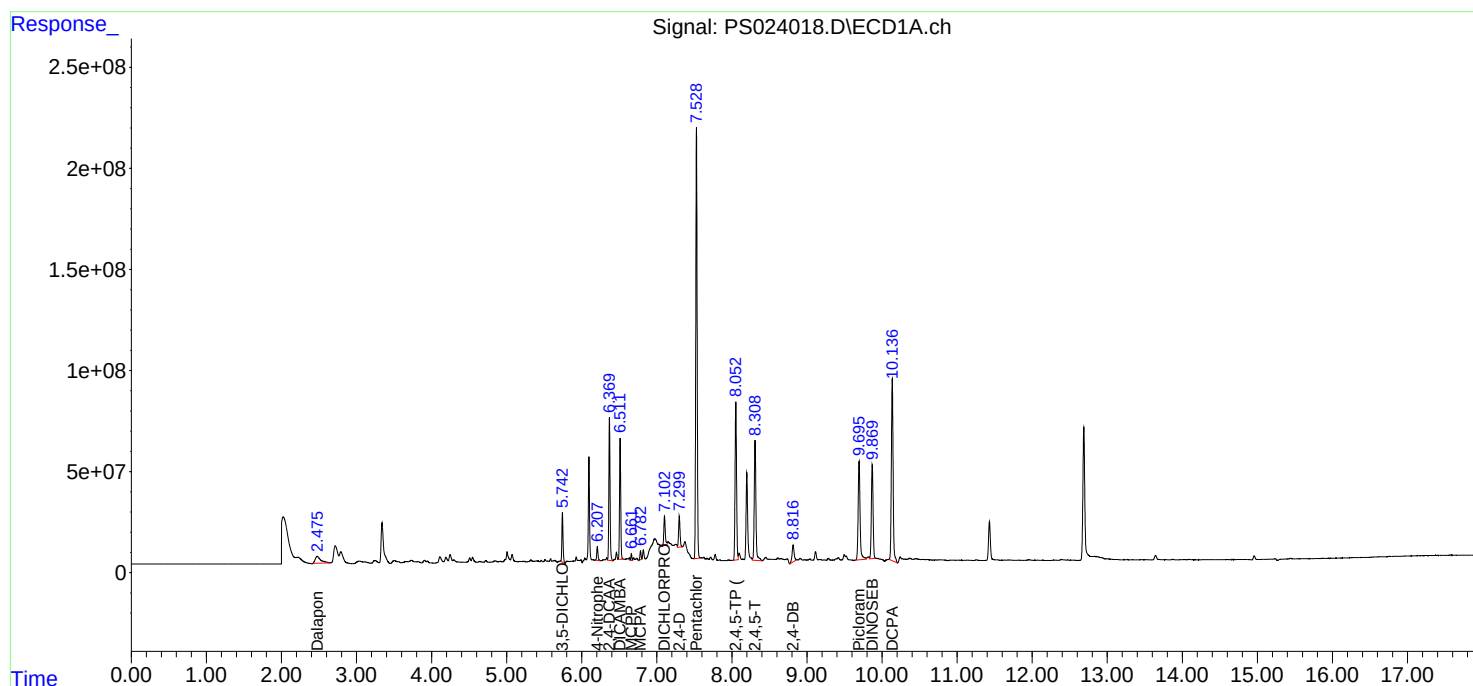
Instrument :
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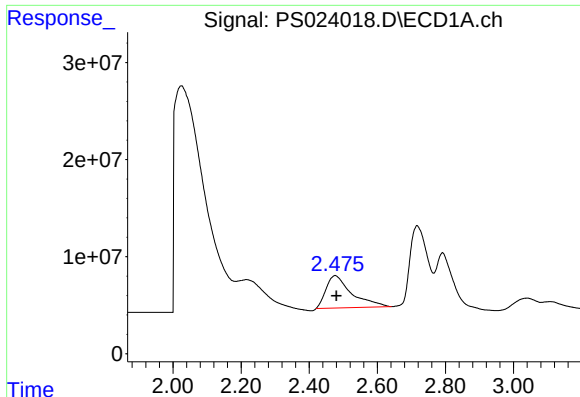
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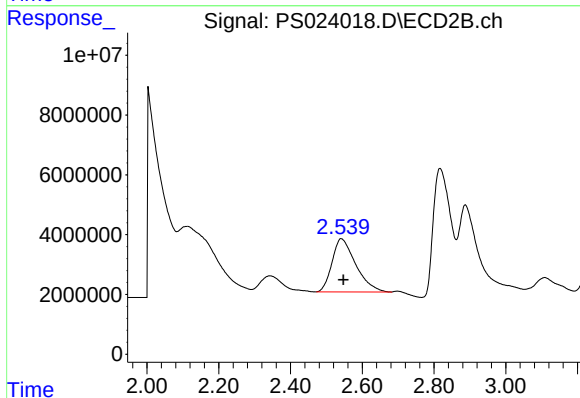
#1 Dalapon

R.T.: 2.476 min
Delta R.T.: -0.004 min
Response: 174675492
Conc: 79.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2023

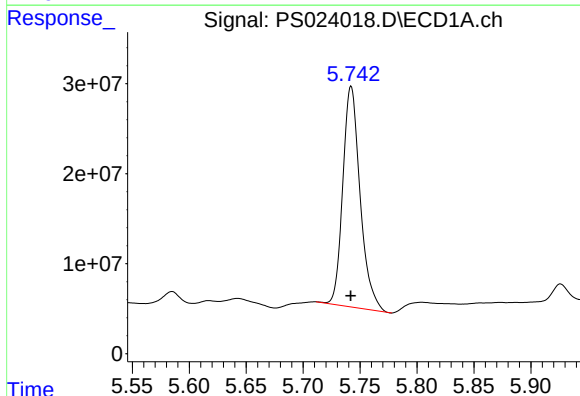
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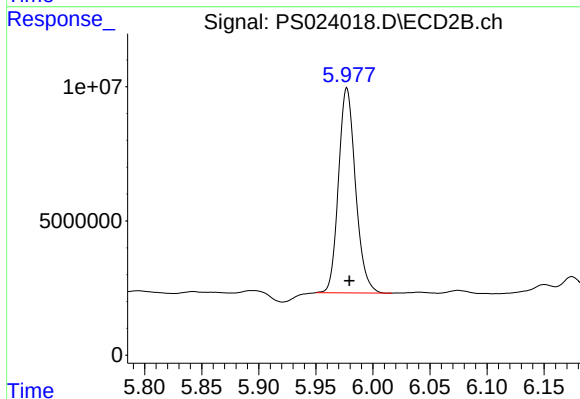
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: -0.008 min
Response: 81673962
Conc: 74.69 ng/ml m



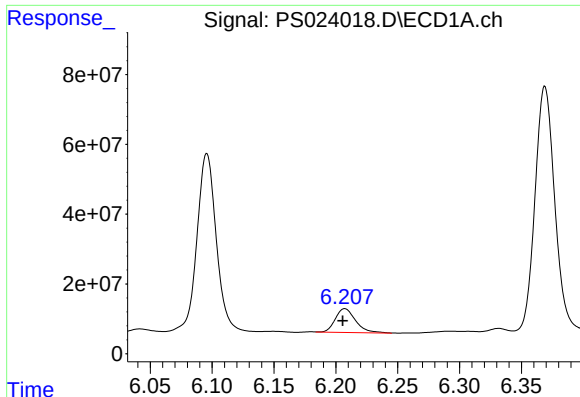
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 259780646
Conc: 85.70 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 79042253
Conc: 75.44 ng/ml



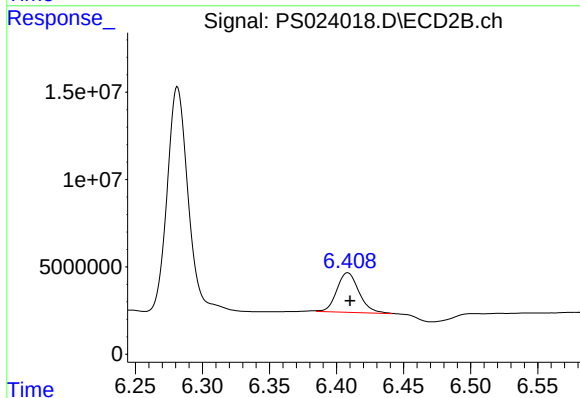
#3 4-Nitrophenol

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 78032782
Conc: 70.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
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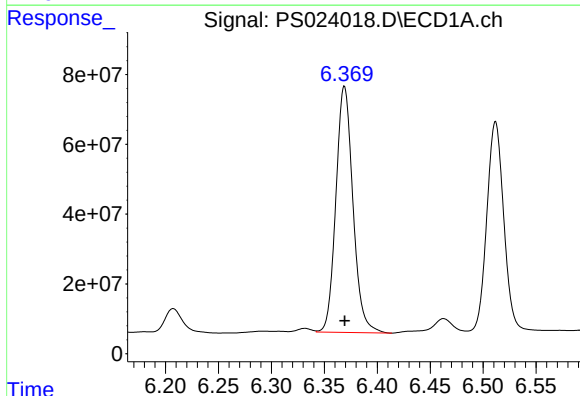
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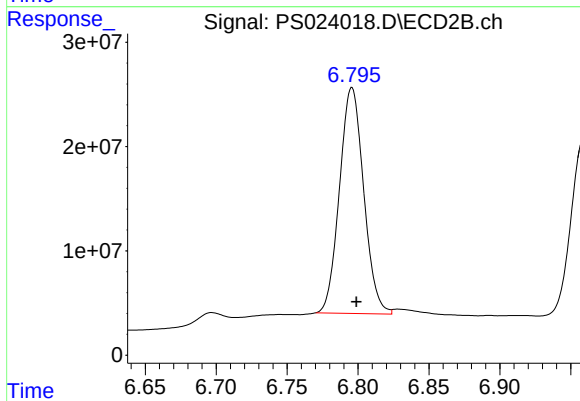
#3 4-Nitrophenol

R.T.: 6.408 min
Delta R.T.: -0.002 min
Response: 26090460
Conc: 65.92 ng/ml m



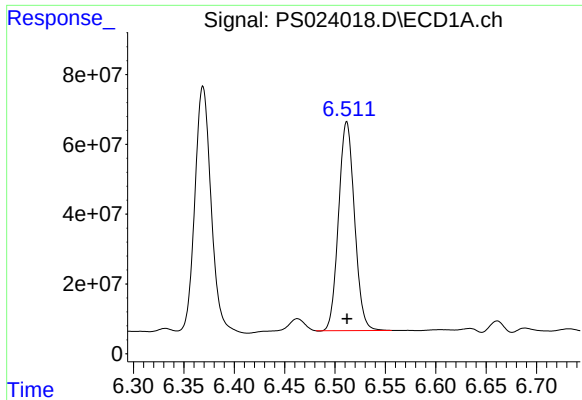
#4 2,4-DCAA

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 790983156
Conc: 399.37 ng/ml



#4 2,4-DCAA

R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 257222900
Conc: 382.42 ng/ml



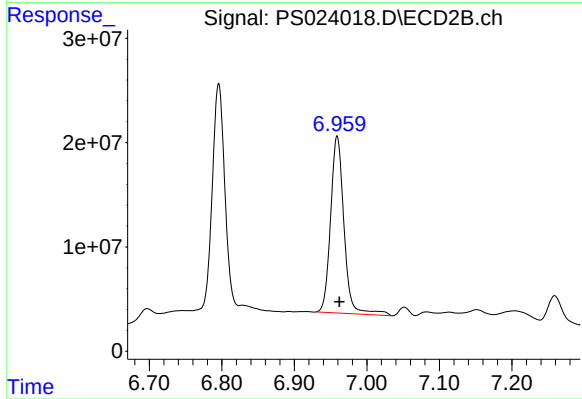
#5 DICAMBA

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 659245480
Conc: 74.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2023

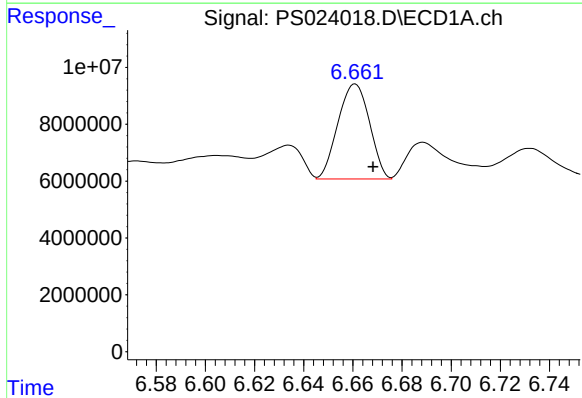
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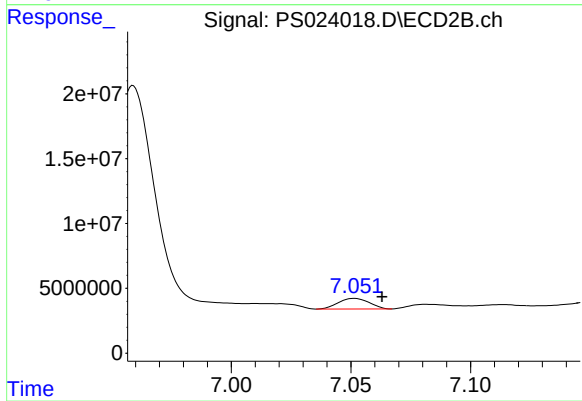
#5 DICAMBA

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 217507101
Conc: 74.16 ng/ml



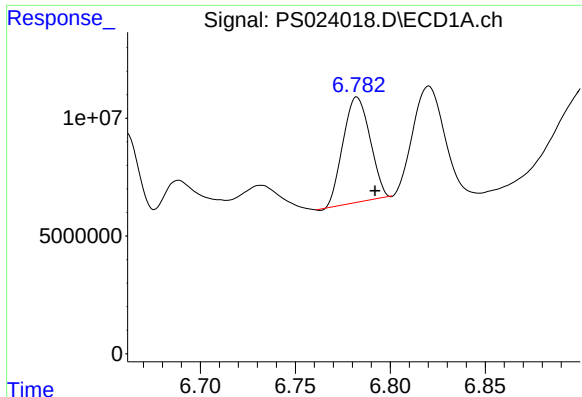
#6 MCPP

R.T.: 6.661 min
Delta R.T.: -0.008 min
Response: 29785788
Conc: 4.78 ug/ml m



#6 MCPP

R.T.: 7.051 min
Delta R.T.: -0.012 min
Response: 7373048
Conc: 3.81 ug/ml



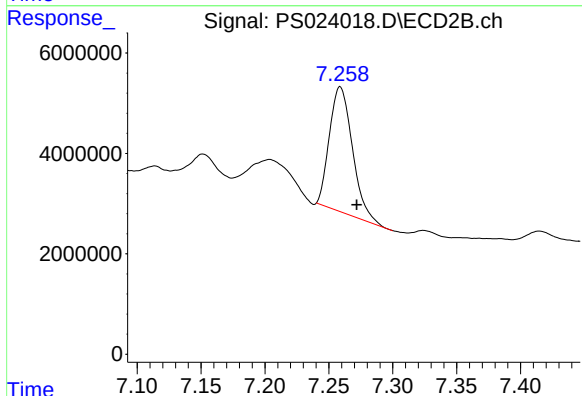
#7 MCPA

R.T.: 6.783 min
Delta R.T.: -0.009 min
Response: 44046768
Conc: 5.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2023

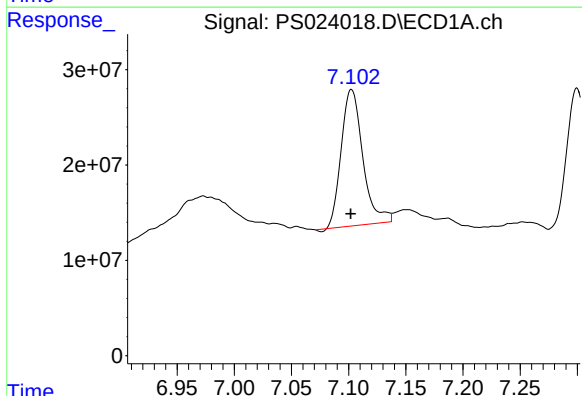
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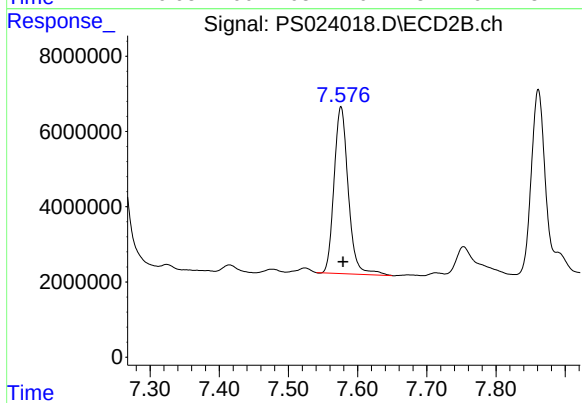
#7 MCPA

R.T.: 7.259 min
Delta R.T.: -0.013 min
Response: 30805212
Conc: 10.53 ug/ml



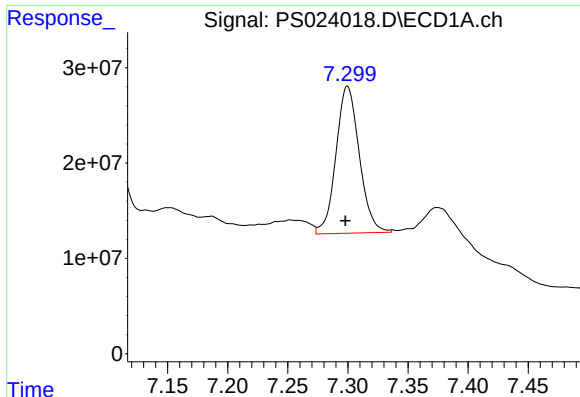
#8 DICHLORPROP

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 187703895
Conc: 83.42 ng/ml



#8 DICHLORPROP

R.T.: 7.576 min
Delta R.T.: -0.003 min
Response: 63098128
Conc: 86.31 ng/ml



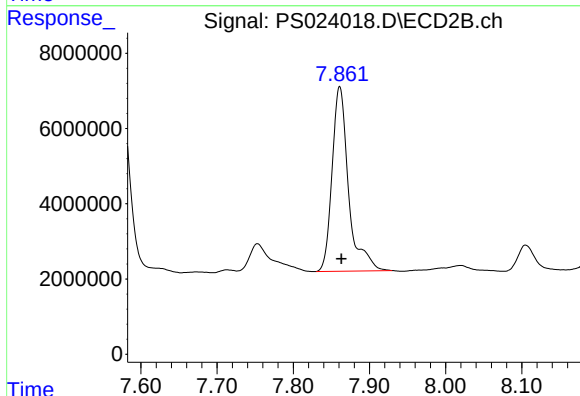
#9 2,4-D

R.T.: 7.299 min
Delta R.T.: 0.001 min
Response: 208159009
Conc: 84.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2023

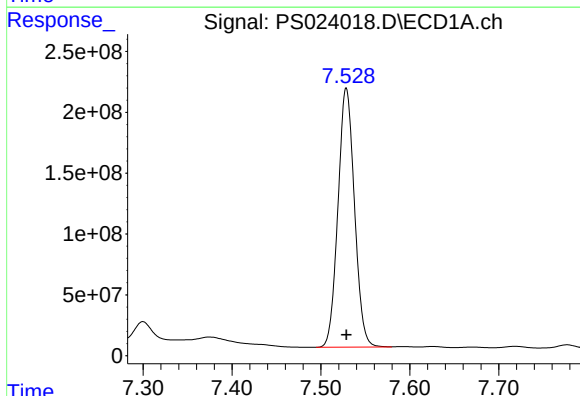
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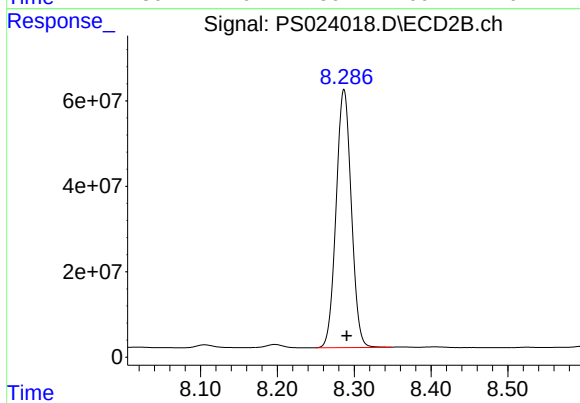
#9 2,4-D

R.T.: 7.861 min
Delta R.T.: -0.002 min
Response: 73831023
Conc: 86.67 ng/ml



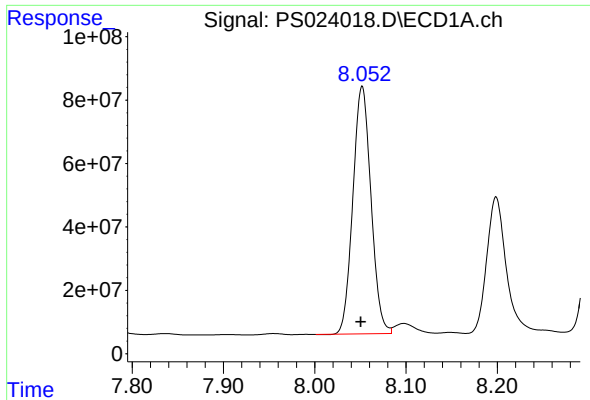
#10 Pentachlorophenol

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 2746728651
Conc: 87.62 ng/ml



#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.004 min
Response: 824835939
Conc: 76.77 ng/ml



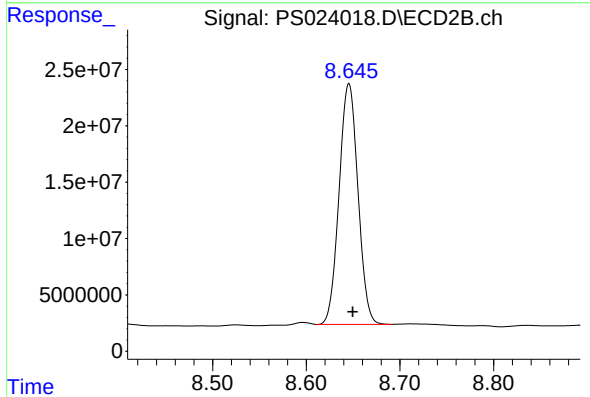
#11 2,4,5-TP (SILVEX)

R.T.: 8.052 min
Delta R.T.: 0.002 min
Response: 1076455002
Conc: 82.31 ng/ml

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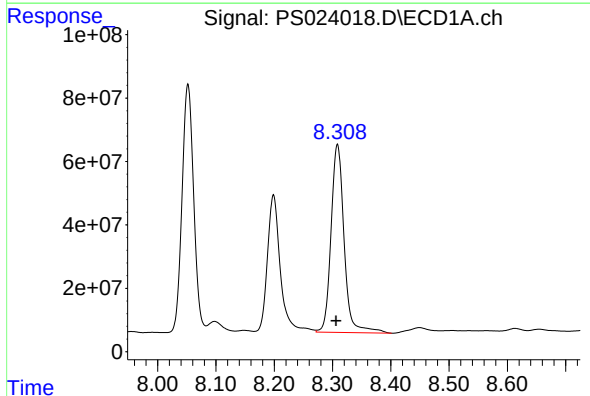
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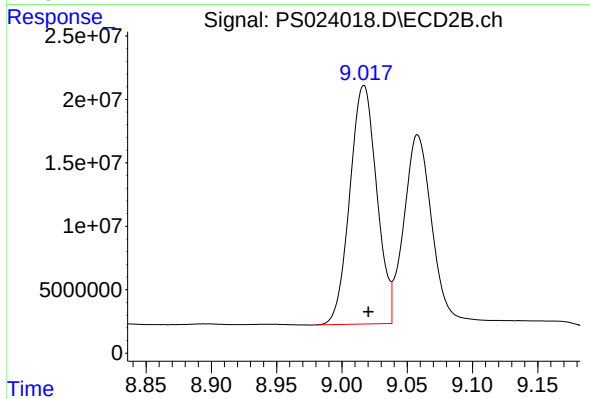
#11 2,4,5-TP (SILVEX)

R.T.: 8.646 min
Delta R.T.: -0.004 min
Response: 298938194
Conc: 72.71 ng/ml



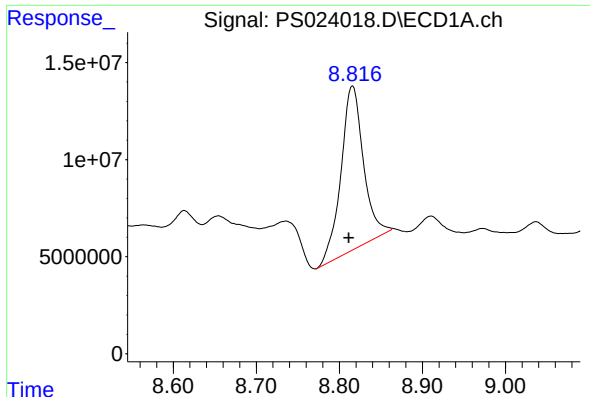
#12 2,4,5-T

R.T.: 8.309 min
Delta R.T.: 0.003 min
Response: 924198894
Conc: 82.49 ng/ml



#12 2,4,5-T

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 269548823
Conc: 71.33 ng/ml



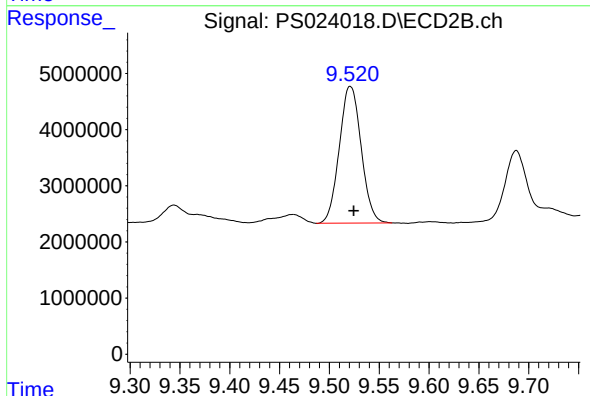
#13 2,4-DB

R.T.: 8.816 min
Delta R.T.: 0.004 min
Response: 159498141
Conc: 89.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
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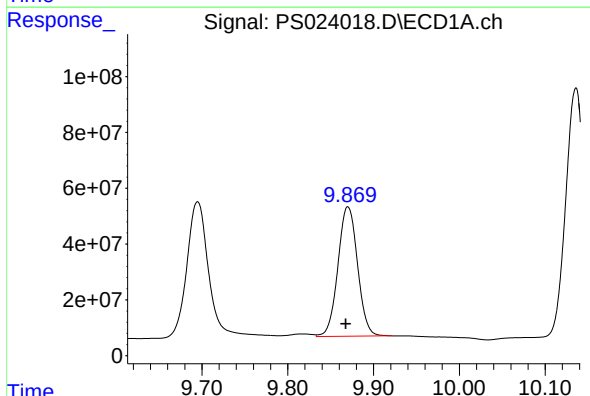
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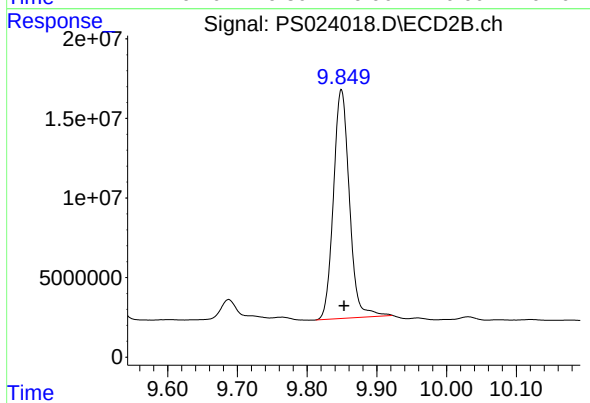
#13 2,4-DB

R.T.: 9.521 min
Delta R.T.: -0.003 min
Response: 37017331
Conc: 81.21 ng/ml



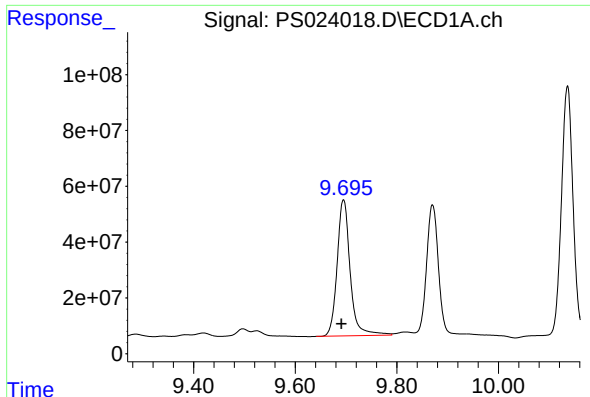
#14 DINOSEB

R.T.: 9.870 min
Delta R.T.: 0.003 min
Response: 739128449
Conc: 79.74 ng/ml



#14 DINOSEB

R.T.: 9.849 min
Delta R.T.: -0.004 min
Response: 228920613
Conc: 76.33 ng/ml



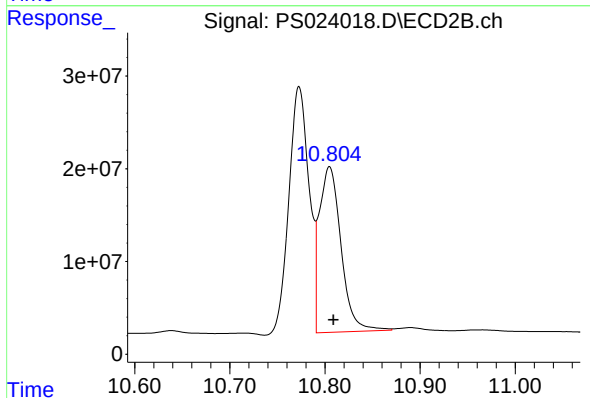
#15 Picloram

R.T.: 9.695 min
Delta R.T.: 0.004 min
Response: 871412383
Conc: 67.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
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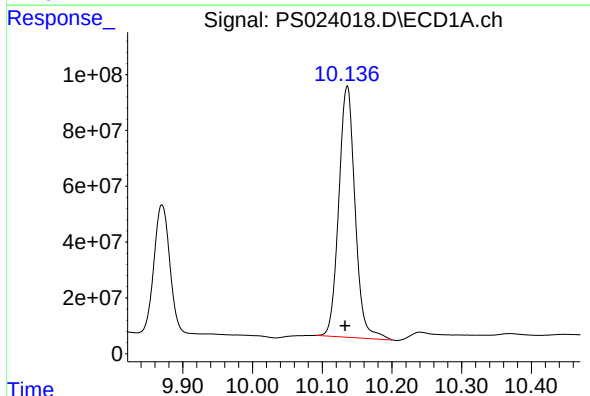
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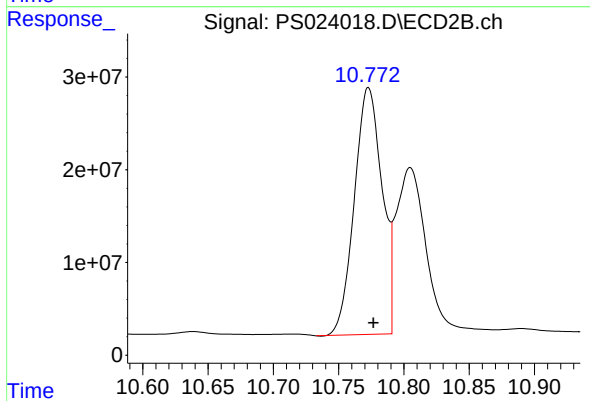
#15 Picloram

R.T.: 10.805 min
Delta R.T.: -0.004 min
Response: 283326311
Conc: 56.86 ng/ml



#16 DCPA

R.T.: 10.136 min
Delta R.T.: 0.003 min
Response: 1458818065
Conc: 92.73 ng/ml



#16 DCPA

R.T.: 10.773 min
Delta R.T.: -0.004 min
Response: 393835214
Conc: 76.61 ng/ml