

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 12:52
 Operator : AR\AJ
 Sample : Q2893-07
 Misc : LOD WATER 150PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 07:07:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 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	7.285	7.743	2061.6E6	567.4E6	572.430m	624.245m
Target Compounds							
1) T	Dalapon	2.667	2.690	693.1E6	519.4E6	119.905m	184.350m#
2) T	3,5-DICHL...	6.455	6.700	1126.1E6	285.4E6	211.151	187.138
3) T	4-Nitroph...	7.103	7.309	203.9E6	194.9E6	184.793	154.372
5) T	DICAMBA	7.470	7.940	3114.9E6	1171.2E6	199.713	179.991m
6) T	MCPD	7.644	8.033	125.8E6	29231986	14.074	15.521m
7) T	MCPA	7.793	8.279	204.2E6	45848290	18.383	16.367
8) T	DICHLORPROP	8.179	8.661	810.8E6	300.1E6	227.653	206.231
9) T	2,4-D	8.422	9.009	816.8E6	381.8E6	238.444	232.073
10) T	Pentachlo...	8.708	9.510	12533.6E6	8352.7E6	236.066	210.445
11) T	2,4,5-TP ...	9.288	9.895	4763.7E6	3161.6E6	227.128	210.014m
12) T	2,4,5-T	9.588	10.329	3990.7E6	2612.0E6	218.094	194.099
13) T	2,4-DB	10.165	10.898	377.9E6	197.0E6	161.994m	184.081
14) T	DINOSEB	11.356	11.268	2472.6E6	1728.9E6	171.441m	177.857
15) T	Picloram	11.197	12.399	2984.5E6	3791.7E6	165.706m	160.101m
16) T	DCPA	11.650	12.308	3423.0E6	4770.3E6	127.015	197.904m#

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

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Acq On : 12 Sep 2025 12:52
Operator : AR\AJ
Sample : Q2893-07
Misc : LOD WATER 150PPB
ALS Vial : 7 Sample Multiplier: 1

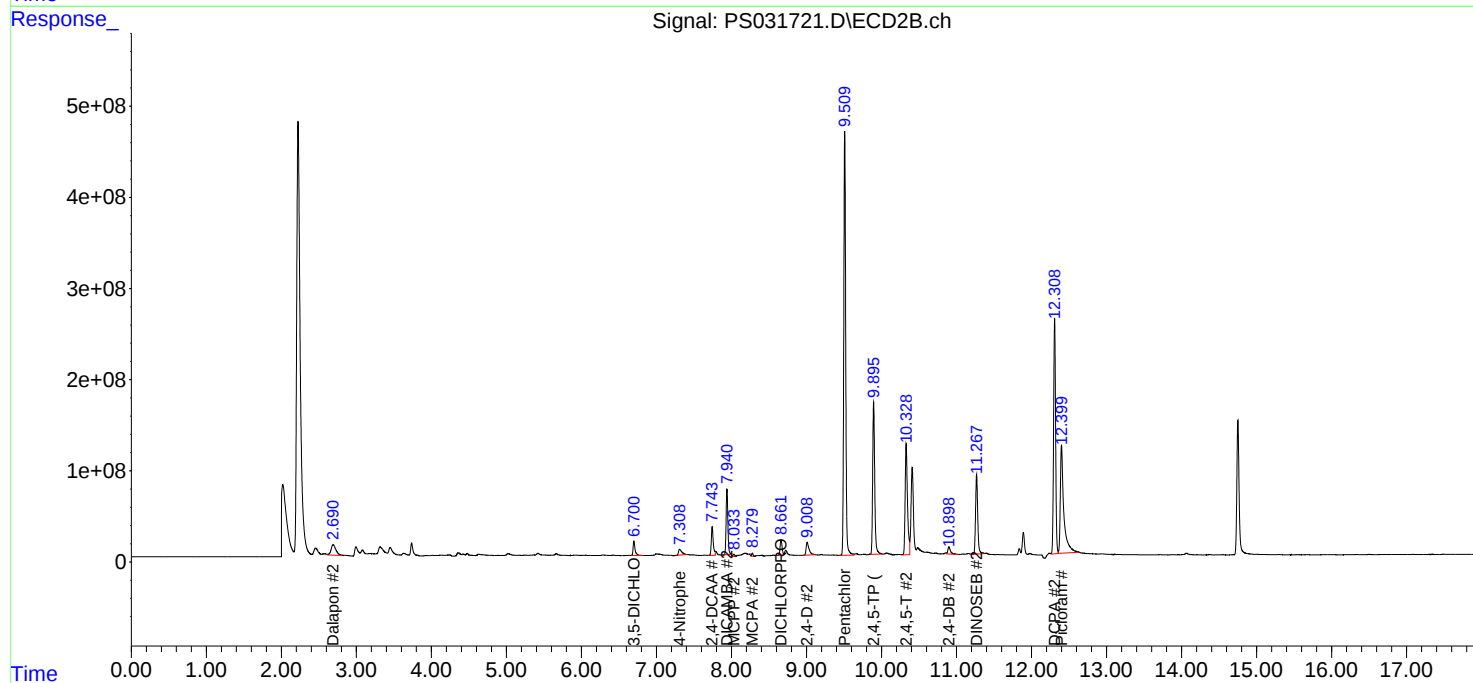
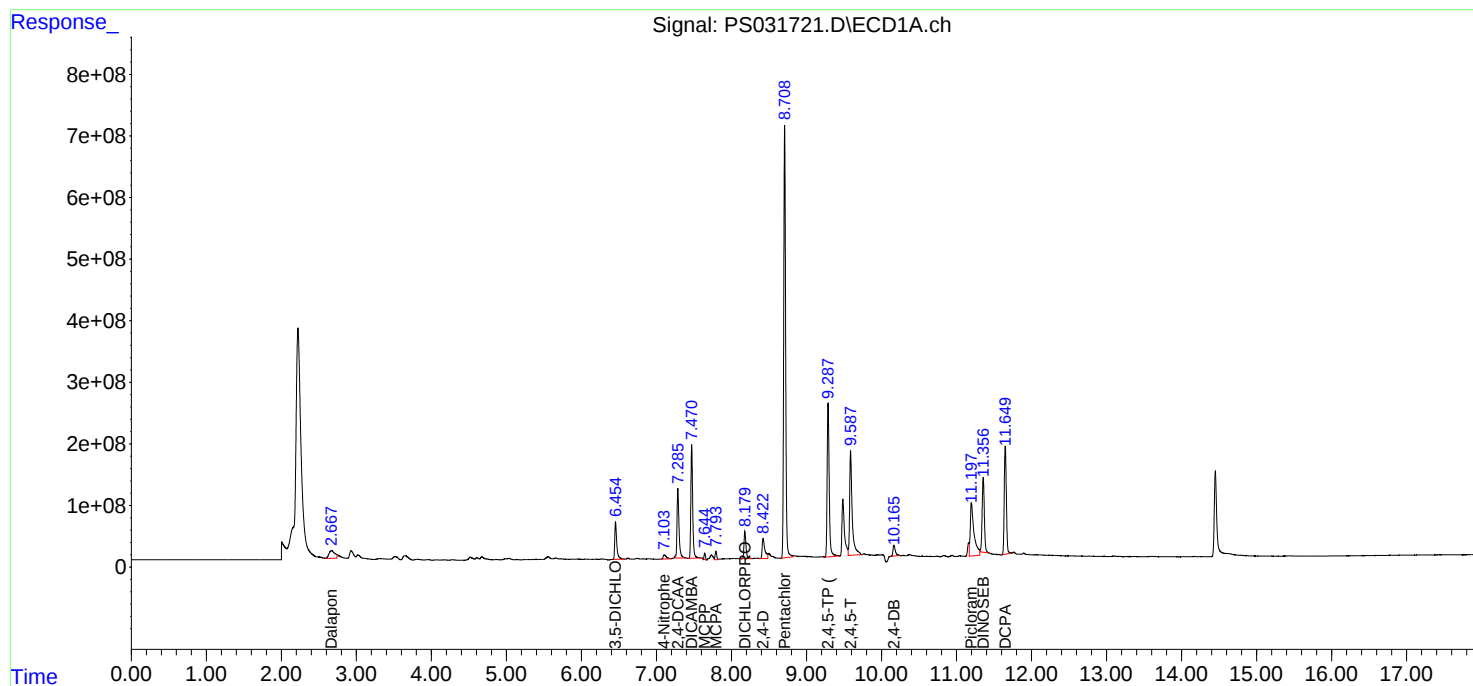
Instrument :
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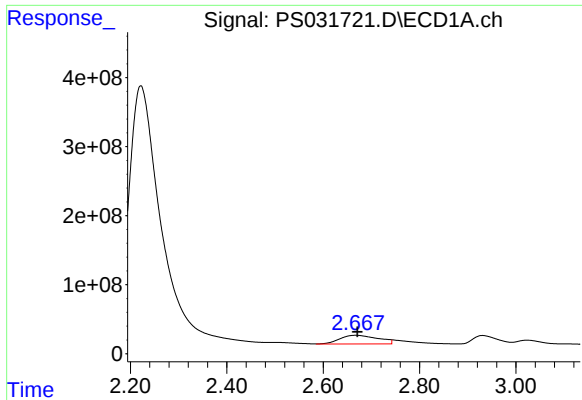
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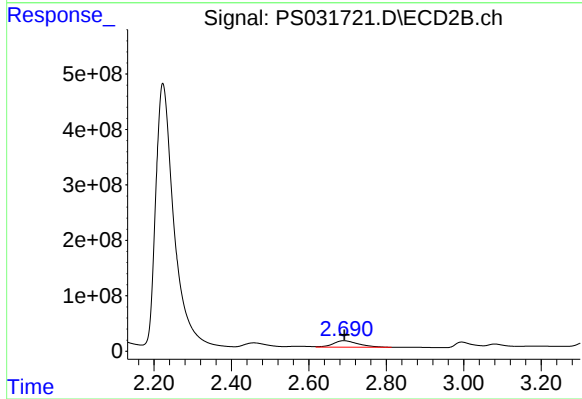
#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.004 min
Response: 693139872
Conc: 119.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

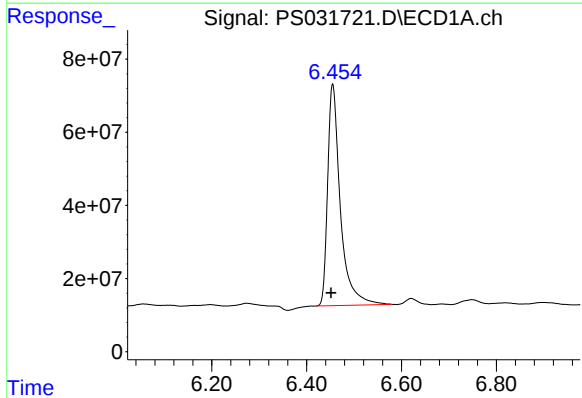
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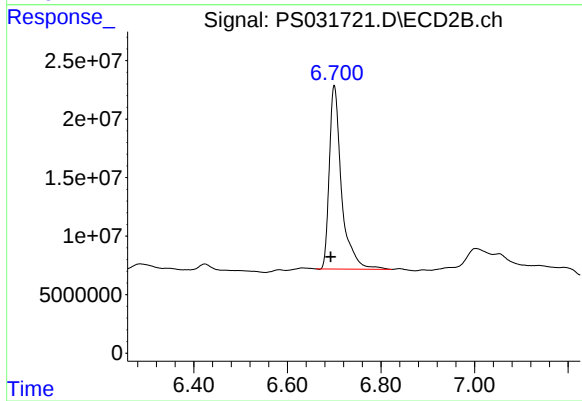
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 519428450
Conc: 184.35 ng/ml m



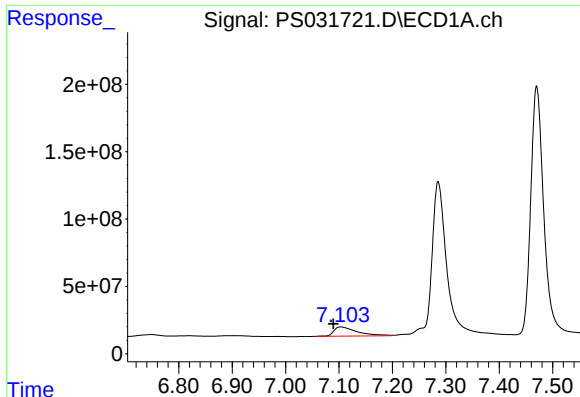
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: 0.003 min
Response: 1126145128
Conc: 211.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.007 min
Response: 285378725
Conc: 187.14 ng/ml



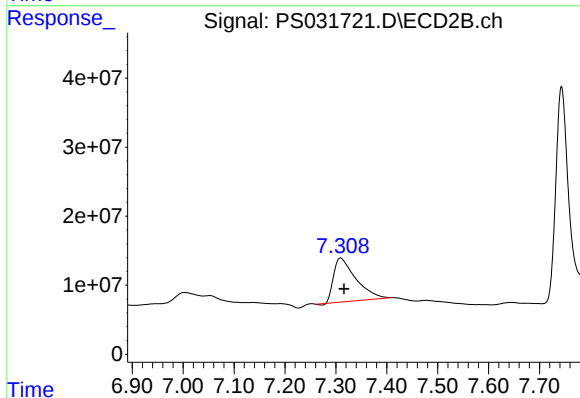
#3 4-Nitrophenol

R.T.: 7.103 min
Delta R.T.: 0.014 min
Response: 203865278
Conc: 184.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

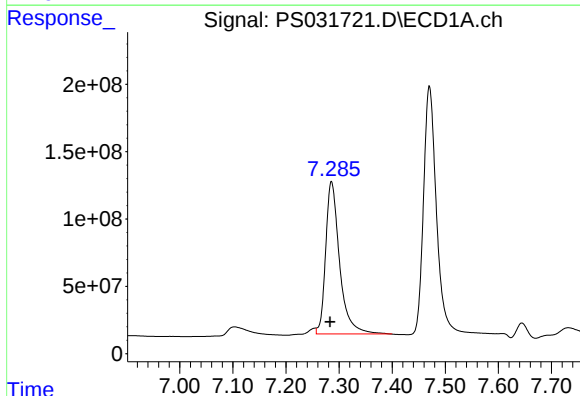
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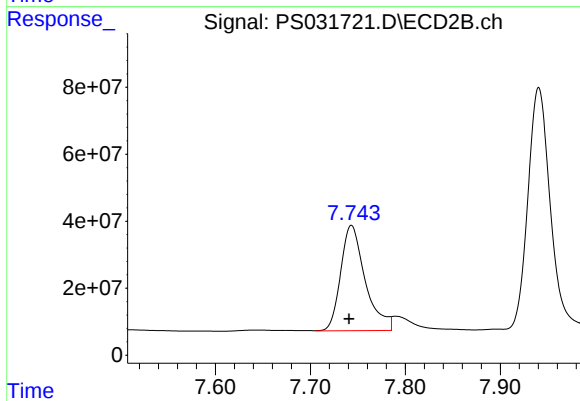
#3 4-Nitrophenol

R.T.: 7.309 min
Delta R.T.: -0.007 min
Response: 194939256
Conc: 154.37 ng/ml



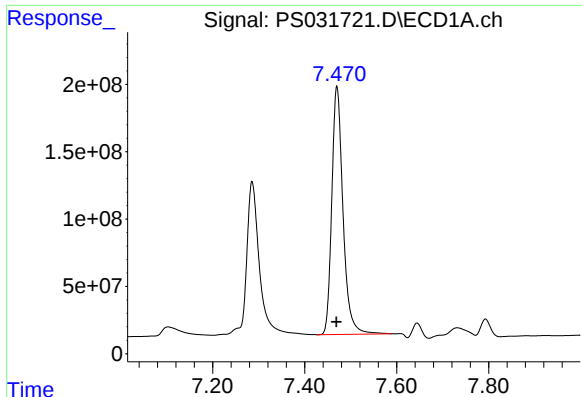
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 2061621406
Conc: 572.43 ng/ml m



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 567375749
Conc: 624.24 ng/ml m



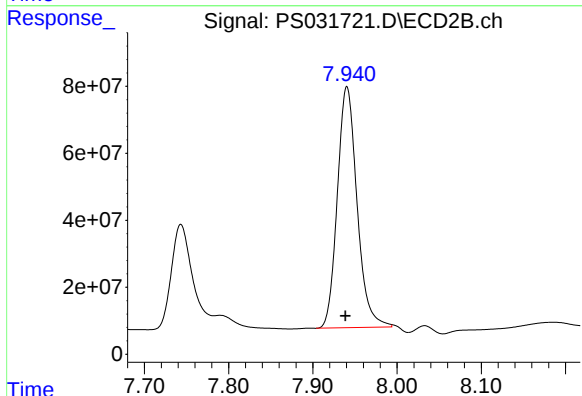
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.001 min
Response: 3114863914
Conc: 199.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

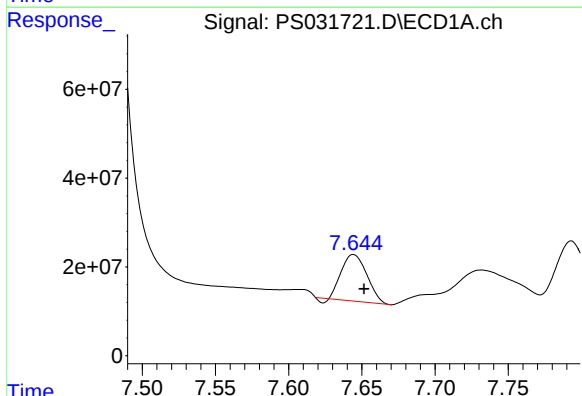
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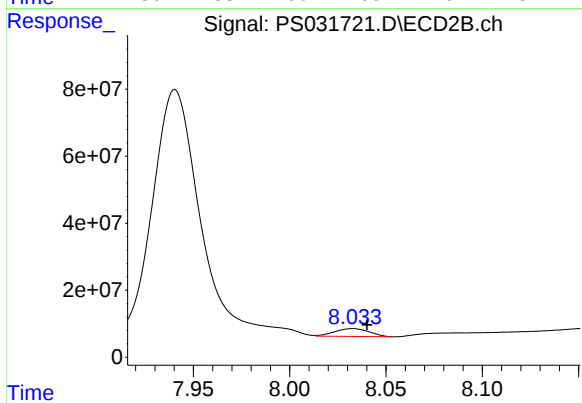
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.001 min
Response: 1171175577
Conc: 179.99 ng/ml m



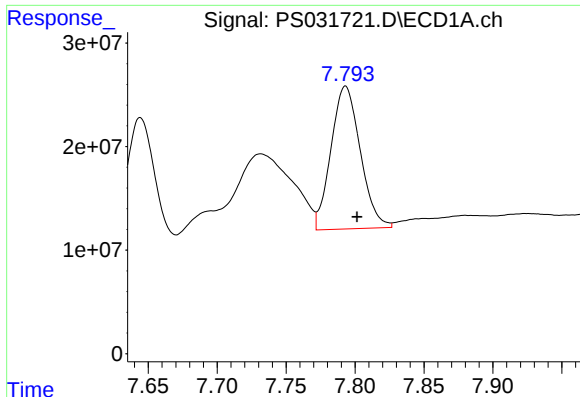
#6 MCPP

R.T.: 7.644 min
Delta R.T.: -0.007 min
Response: 125811078
Conc: 14.07 ug/ml



#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.008 min
Response: 29231986
Conc: 15.52 ug/ml m



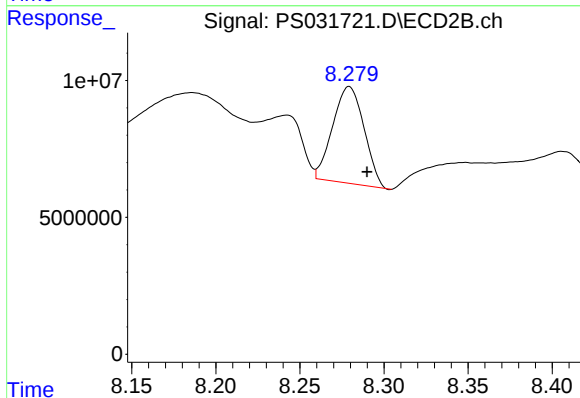
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.008 min
Response: 204245717
Conc: 18.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

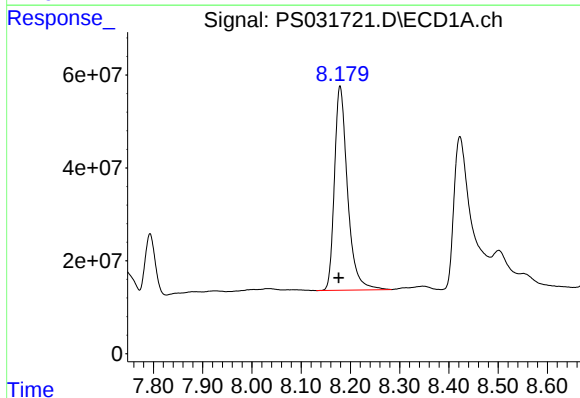
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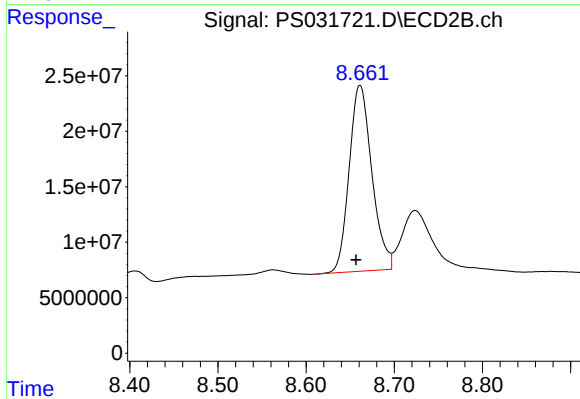
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 45848290
Conc: 16.37 ug/ml



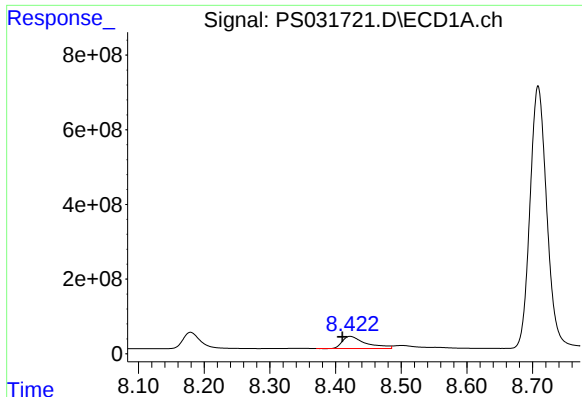
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 810844829
Conc: 227.65 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.005 min
Response: 300078156
Conc: 206.23 ng/ml



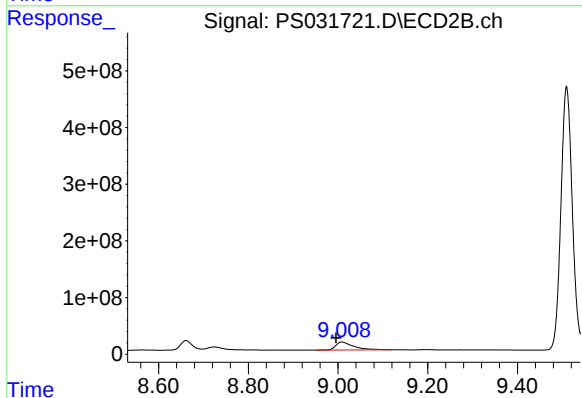
#9 2,4-D

R.T.: 8.422 min
Delta R.T.: 0.012 min
Response: 816824845
Conc: 238.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

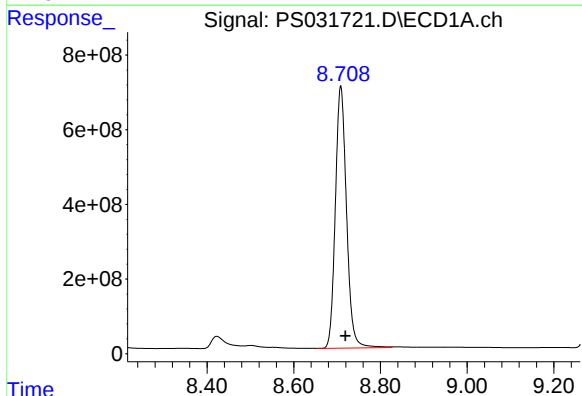
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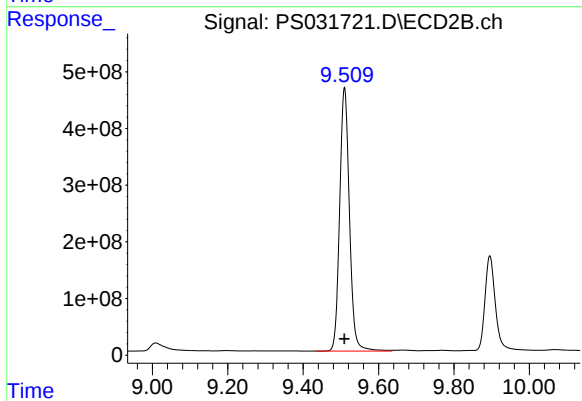
#9 2,4-D

R.T.: 9.009 min
Delta R.T.: 0.013 min
Response: 381786450
Conc: 232.07 ng/ml



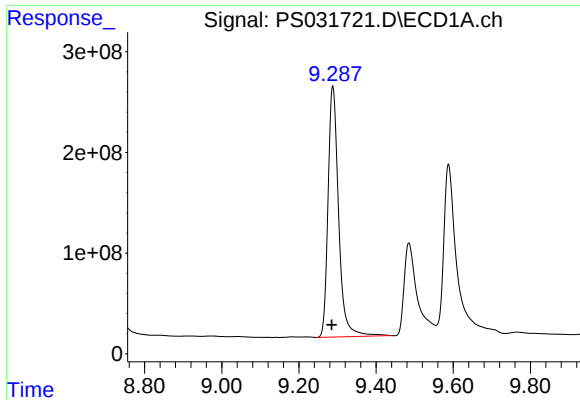
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.010 min
Response: 12533649948
Conc: 236.07 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 8352684283
Conc: 210.45 ng/ml



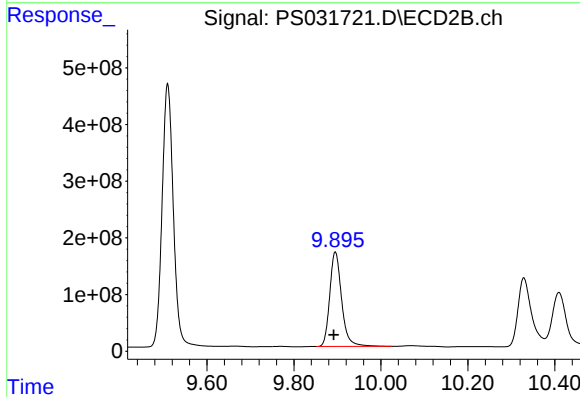
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: 0.002 min
Response: 4763718188
Conc: 227.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

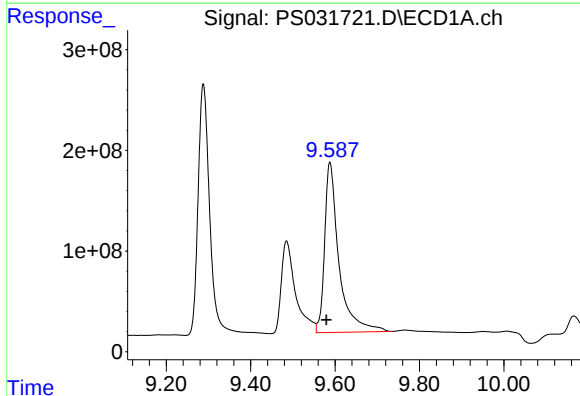
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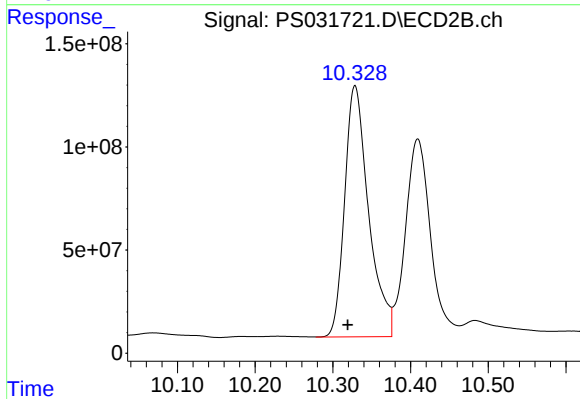
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: 0.003 min
Response: 3161612139
Conc: 210.01 ng/ml m



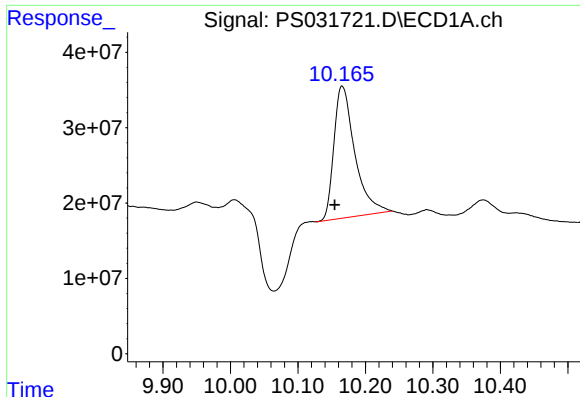
#12 2,4,5-T

R.T.: 9.588 min
Delta R.T.: 0.008 min
Response: 3990718696
Conc: 218.09 ng/ml



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: 0.009 min
Response: 2611988179
Conc: 194.10 ng/ml



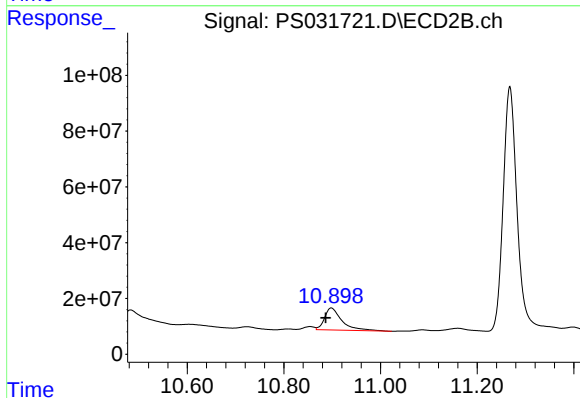
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: 0.010 min
Response: 377894892
Conc: 161.99 ng/ml

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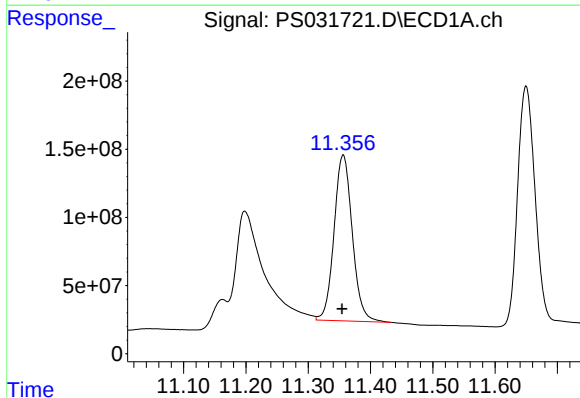
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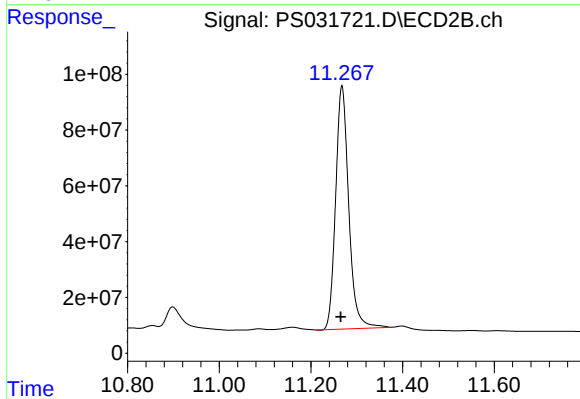
#13 2,4-DB

R.T.: 10.898 min
Delta R.T.: 0.012 min
Response: 196975091
Conc: 184.08 ng/ml



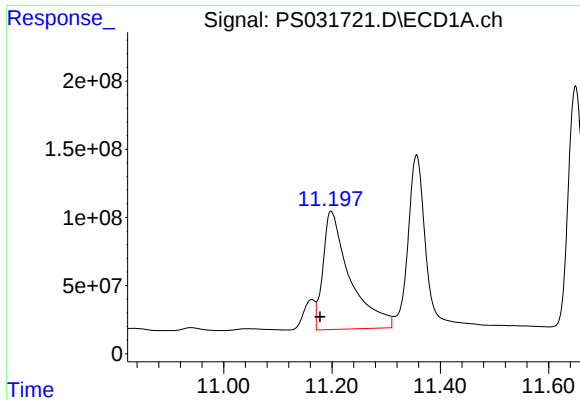
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: 0.002 min
Response: 2472635419
Conc: 171.44 ng/ml m



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: 0.002 min
Response: 1728893575
Conc: 177.86 ng/ml



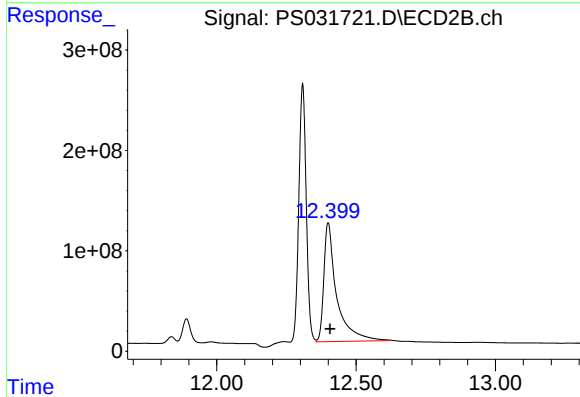
#15 Picloram

R.T.: 11.197 min
Delta R.T.: 0.020 min
Response: 2984541612
Conc: 165.71 ng/ml

Instrument :
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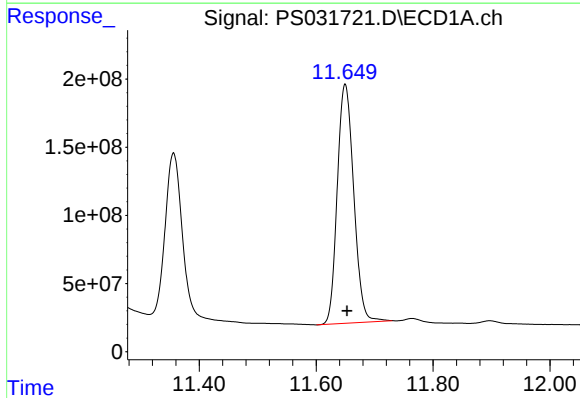
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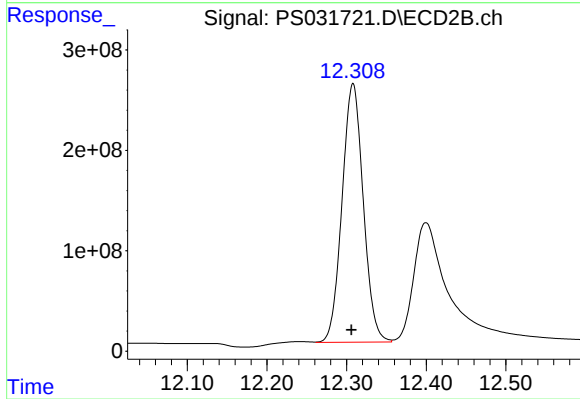
#15 Picloram

R.T.: 12.399 min
Delta R.T.: -0.008 min
Response: 3791705550
Conc: 160.10 ng/ml m



#16 DCPA

R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 3423040273
Conc: 127.02 ng/ml



#16 DCPA

R.T.: 12.308 min
Delta R.T.: 0.002 min
Response: 4770309115
Conc: 197.90 ng/ml m