

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS020425\
 Data File : PS029065.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 16:11
 Operator : AR\AJ
 Sample : Q1168-07
 Misc : LOD/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/05/2025
 Supervised By : Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 03:53:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Feb 04 17:44:08 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 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	7.191	7.667	1362.6E6	480.1E6	502.828	433.808
Target Compounds							
1) T	Dalapon	2.608	2.663	259.3E6	274.9E6	86.820m	135.266m#
2) T	3,5-DICHL...	6.369	6.634	388.0E6	145.9E6	99.382	89.047
3) T	4-Nitroph...	6.991	7.198	141.6E6	69156374	80.997	78.442
5) T	DICAMBA	7.376	7.863	1061.8E6	438.3E6	91.079	78.561
6) T	MCP	7.551	7.962	42992535	17082066	6.170m	5.639
7) T	MCPA	7.700	8.202	79878300	31374587	8.074	7.382
8) T	DICHLORPROP	8.079	8.574	335.6E6	126.7E6	108.631	90.773
9) T	2,4-D	8.310	8.902	353.0E6	142.2E6	107.051	95.729
10) T	Pentachlo...	8.603	9.422	4776.0E6	2017.8E6	105.177	88.485
11) T	2,4,5-TP ...	9.180	9.799	1962.6E6	890.7E6	105.249	95.375
12) T	2,4,5-T	9.471	10.216	1757.1E6	747.7E6	93.858m	83.724m
13) T	2,4-DB	10.044	10.781	272.1E6	88013191	77.916m	88.494
14) T	DINOSEB	11.242	11.158	1332.7E6	461.5E6	82.686m	72.680
15) T	Picloram	11.058	12.240	2558.2E6	796.8E6	82.553	59.201m#
16) T	DCPA	11.533	12.193	1725.3E6	945.4E6	61.857	83.894m#

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

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Misc : LOD/WATER
ALS Vial : 5 Sample Multiplier: 1

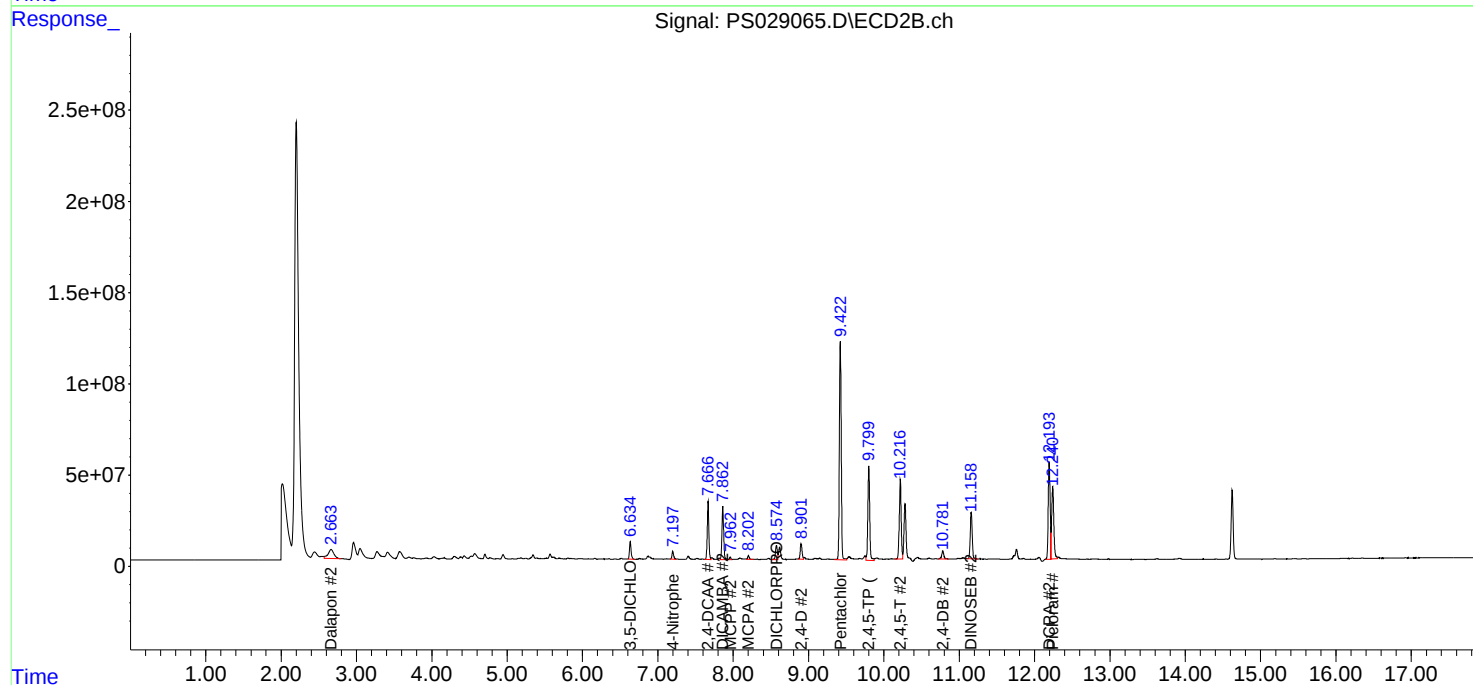
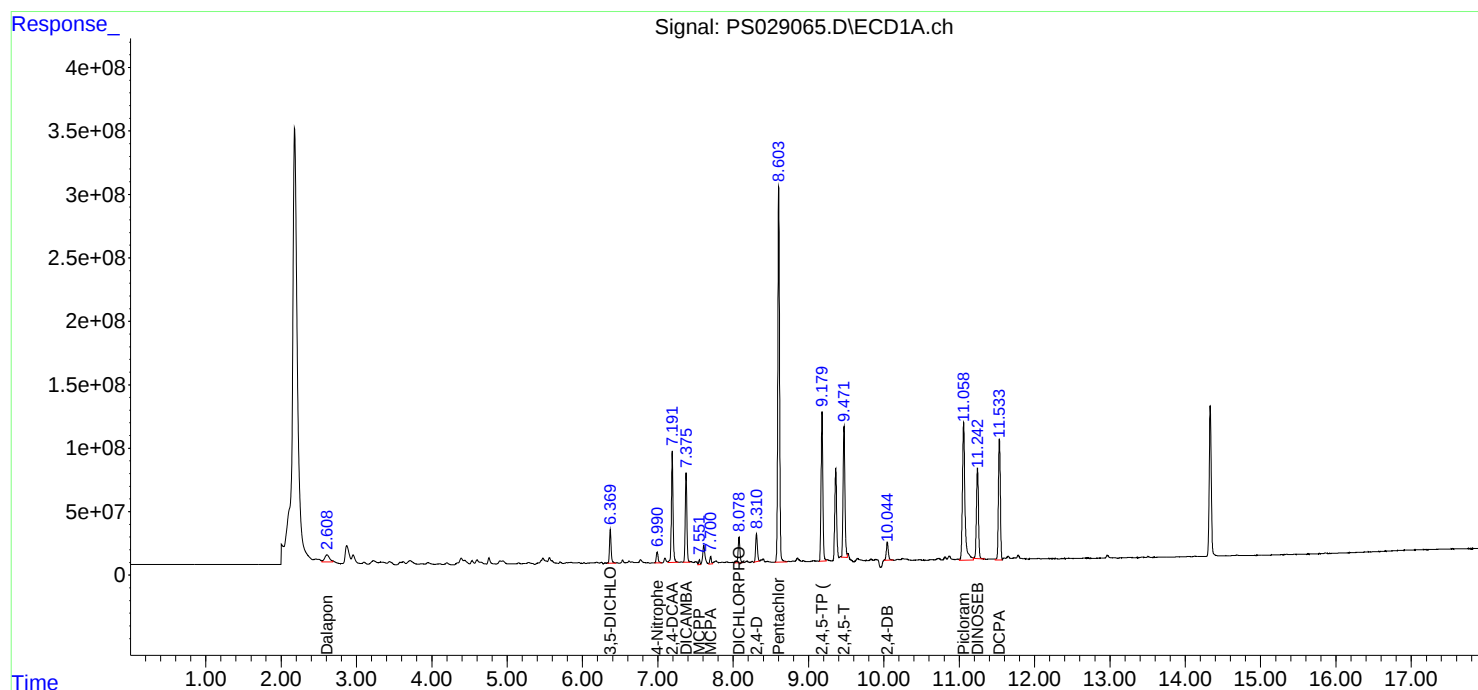
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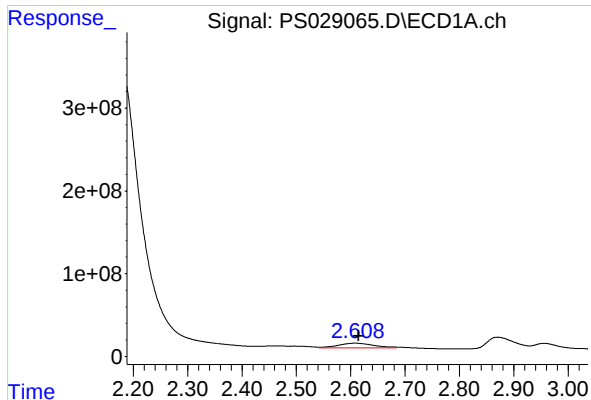
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Supervised By :Ankita Jodhani 02/05/2025

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#1 Dalapon

R.T.: 2.608 min
Delta R.T.: -0.007 min
Response: 259313529
Conc: 86.82 ng/ml

Instrument :

ECD_S

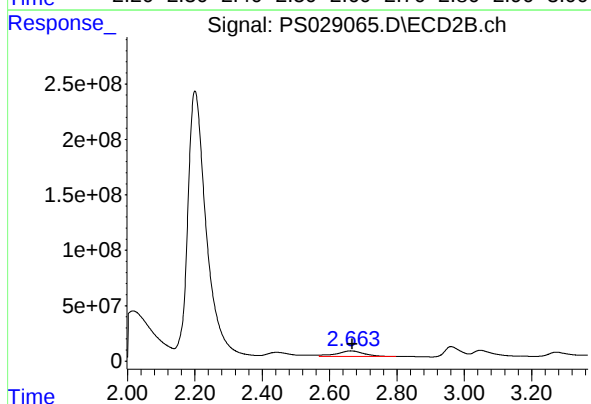
ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Manual Integrations

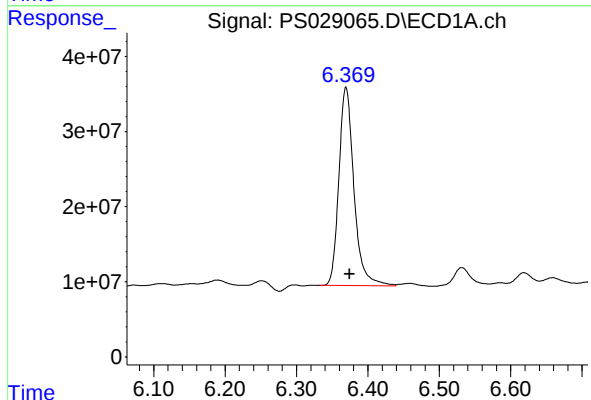
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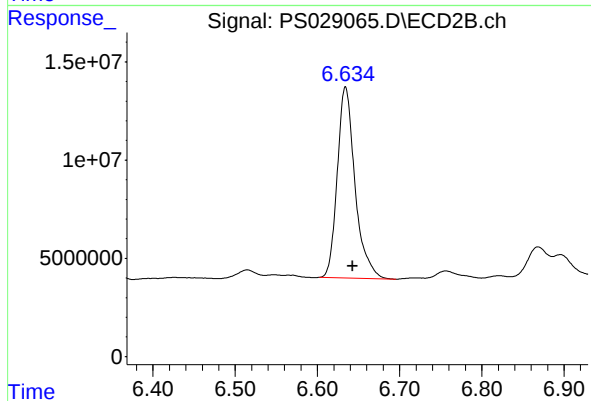
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: -0.005 min
Response: 274921895
Conc: 135.27 ng/ml m



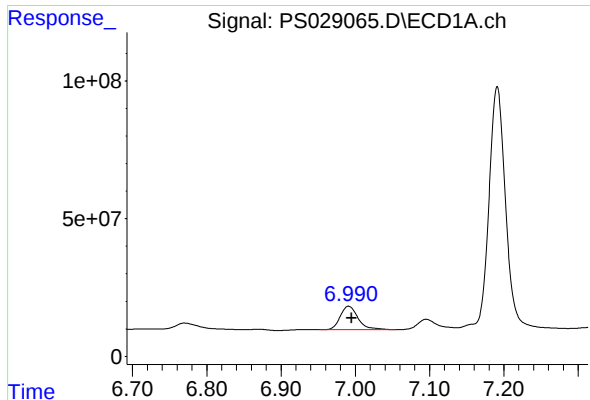
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 387979438
Conc: 99.38 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.634 min
Delta R.T.: -0.008 min
Response: 145915779
Conc: 89.05 ng/ml



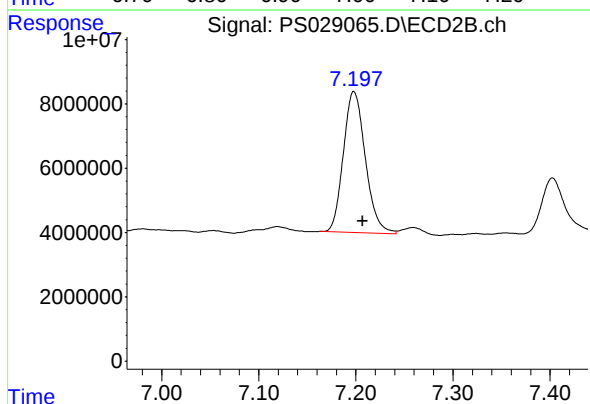
#3 4-Nitrophenol

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 141617673
Conc: 81.00 ng/ml

Instrument :
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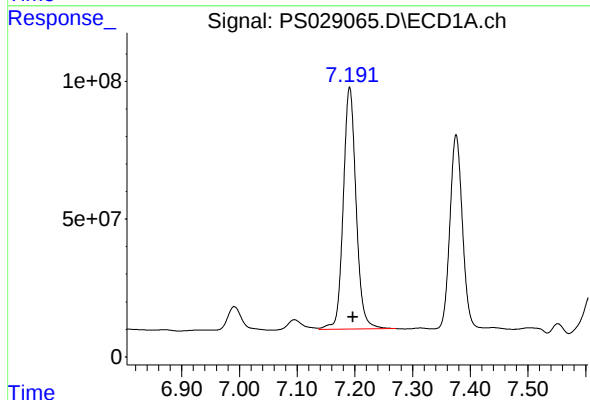
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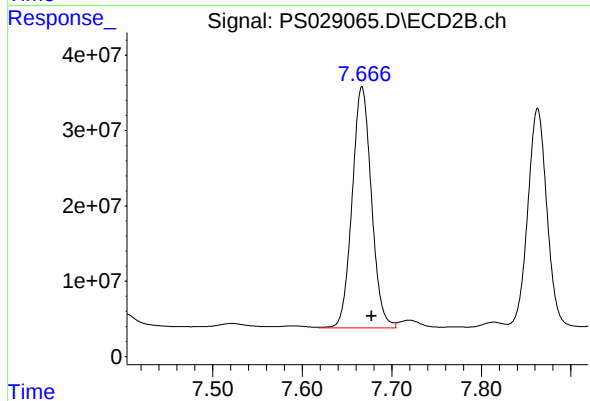
#3 4-Nitrophenol

R.T.: 7.198 min
Delta R.T.: -0.009 min
Response: 69156374
Conc: 78.44 ng/ml



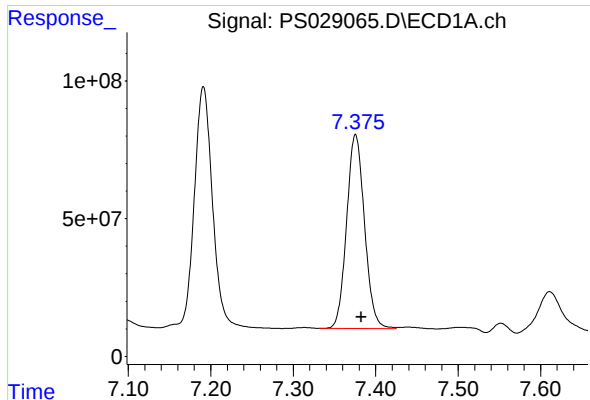
#4 2,4-DCAA

R.T.: 7.191 min
Delta R.T.: -0.006 min
Response: 1362644324
Conc: 502.83 ng/ml



#4 2,4-DCAA

R.T.: 7.667 min
Delta R.T.: -0.011 min
Response: 480081072
Conc: 433.81 ng/ml



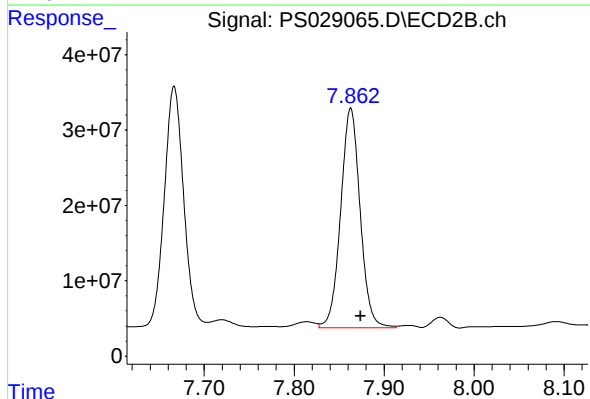
#5 DICAMBA

R.T.: 7.376 min
Delta R.T.: -0.007 min
Response: 1061778997
Conc: 91.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

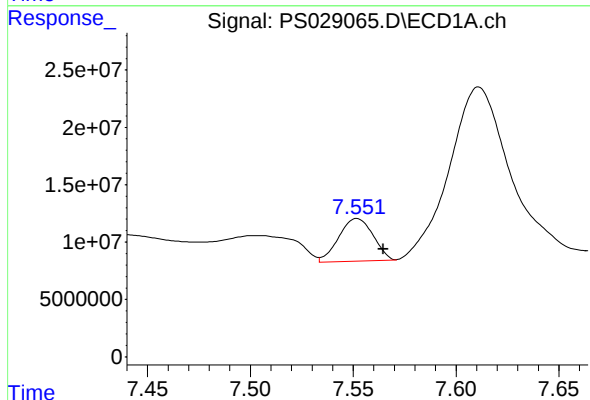
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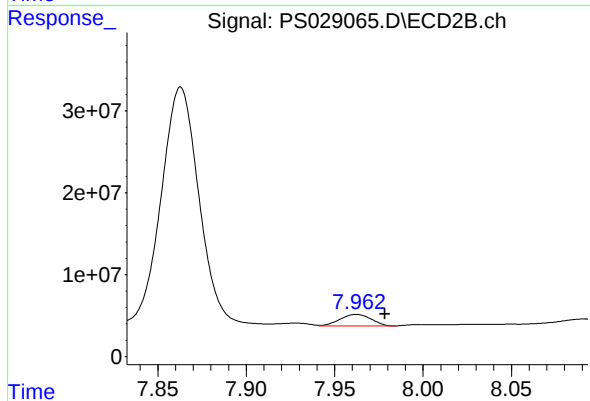
#5 DICAMBA

R.T.: 7.863 min
Delta R.T.: -0.011 min
Response: 438302177
Conc: 78.56 ng/ml



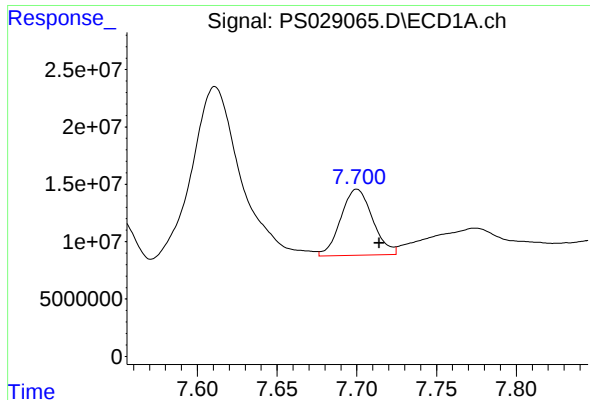
#6 MCPP

R.T.: 7.551 min
Delta R.T.: -0.013 min
Response: 42992535
Conc: 6.17 ug/ml m



#6 MCPP

R.T.: 7.962 min
Delta R.T.: -0.016 min
Response: 17082066
Conc: 5.64 ug/ml



#7 MCPA

R.T.: 7.700 min
Delta R.T.: -0.014 min
Response: 79878300
Conc: 8.07 ug/ml

Instrument :

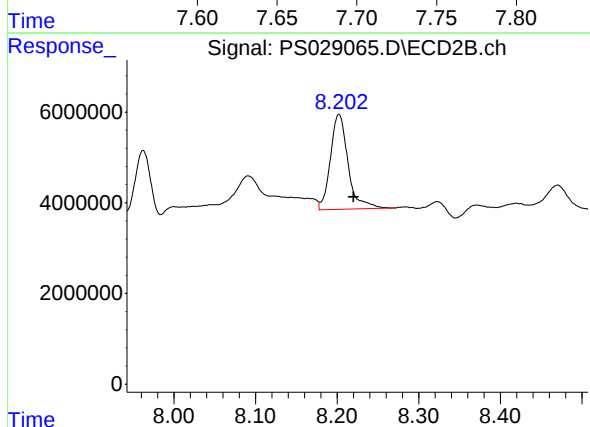
ECD_S

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

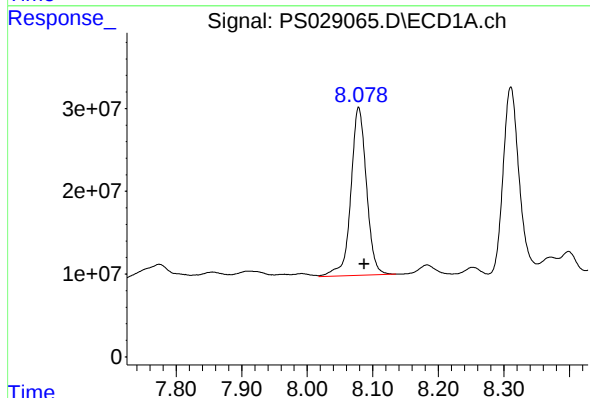
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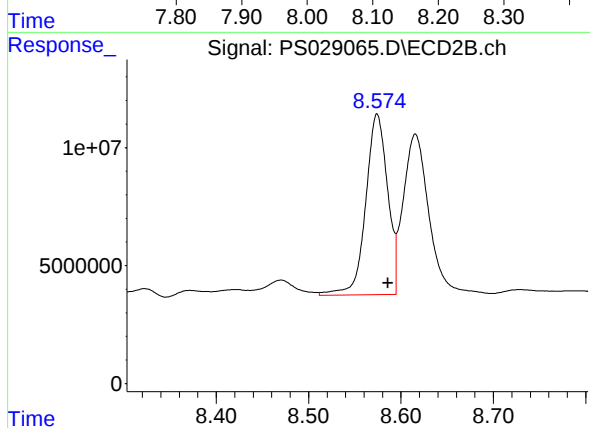
#7 MCPA

R.T.: 8.202 min
Delta R.T.: -0.018 min
Response: 31374587
Conc: 7.38 ug/ml



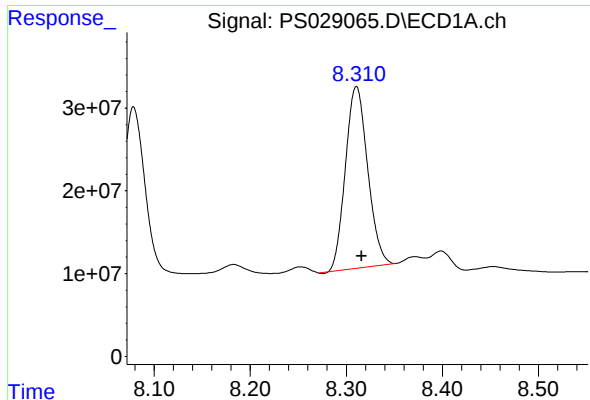
#8 DICHLORPROP

R.T.: 8.079 min
Delta R.T.: -0.008 min
Response: 335571663
Conc: 108.63 ng/ml



#8 DICHLORPROP

R.T.: 8.574 min
Delta R.T.: -0.012 min
Response: 126679256
Conc: 90.77 ng/ml



#9 2,4-D

R.T.: 8.310 min
Delta R.T.: -0.005 min
Response: 352952714
Conc: 107.05 ng/ml

Instrument :

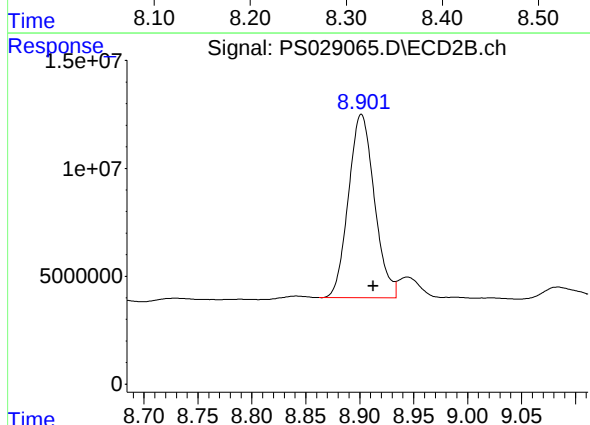
ECD_S

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

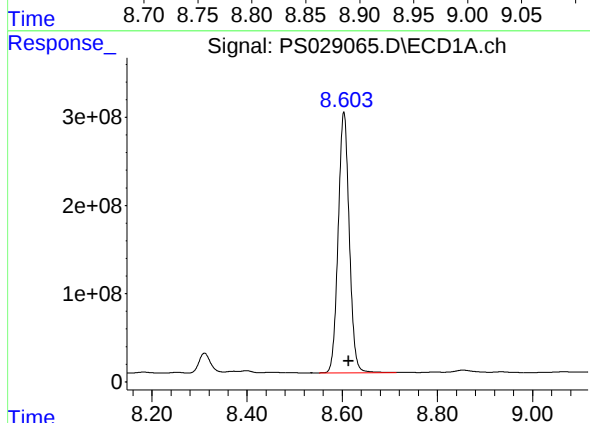
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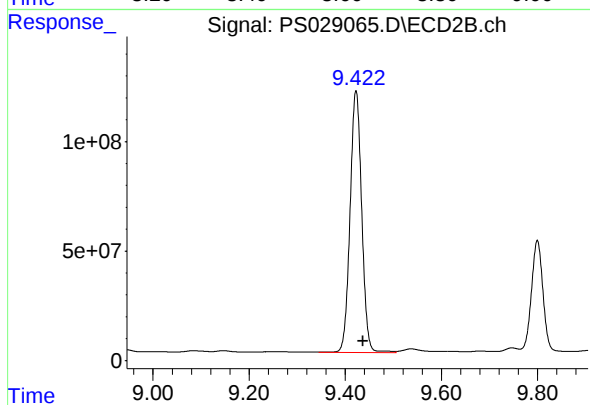
#9 2,4-D

R.T.: 8.902 min
Delta R.T.: -0.011 min
Response: 142202668
Conc: 95.73 ng/ml



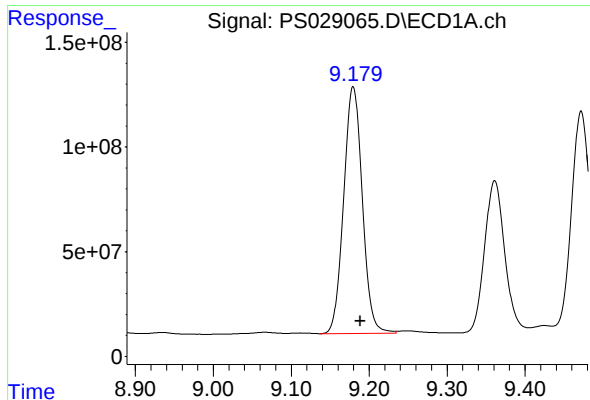
#10 Pentachlorophenol

R.T.: 8.603 min
Delta R.T.: -0.010 min
Response: 4776035081
Conc: 105.18 ng/ml



#10 Pentachlorophenol

R.T.: 9.422 min
Delta R.T.: -0.014 min
Response: 2017816916
Conc: 88.48 ng/ml



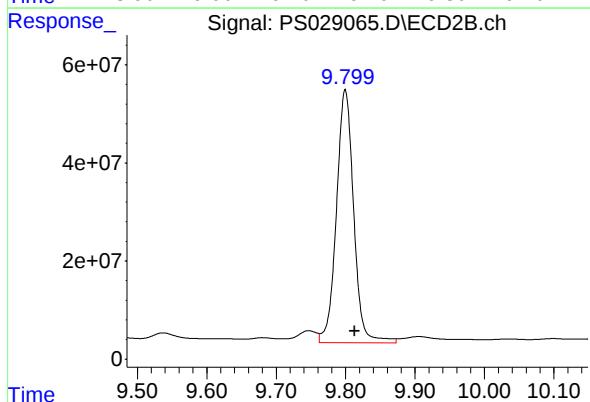
#11 2,4,5-TP (SILVEX)

R.T.: 9.180 min
Delta R.T.: -0.009 min
Response: 1962633737
Conc: 105.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

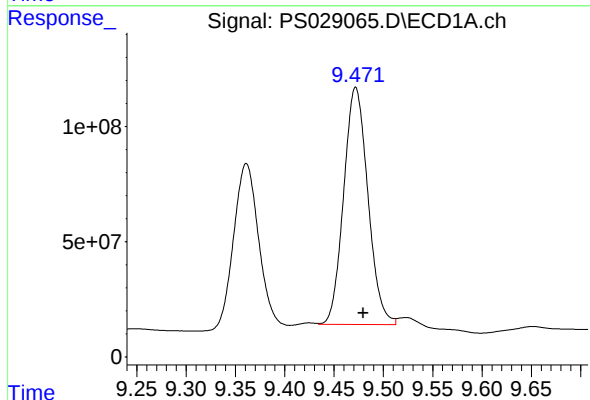
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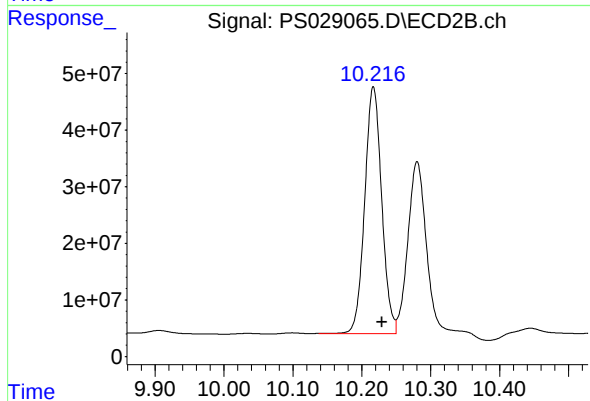
#11 2,4,5-TP (SILVEX)

R.T.: 9.799 min
Delta R.T.: -0.013 min
Response: 890676811
Conc: 95.38 ng/ml



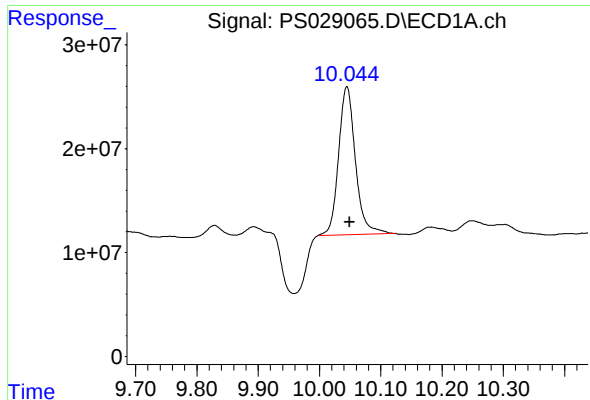
#12 2,4,5-T

R.T.: 9.471 min
Delta R.T.: -0.008 min
Response: 1757066817
Conc: 93.86 ng/ml m



#12 2,4,5-T

R.T.: 10.216 min
Delta R.T.: -0.013 min
Response: 747717470
Conc: 83.72 ng/ml m



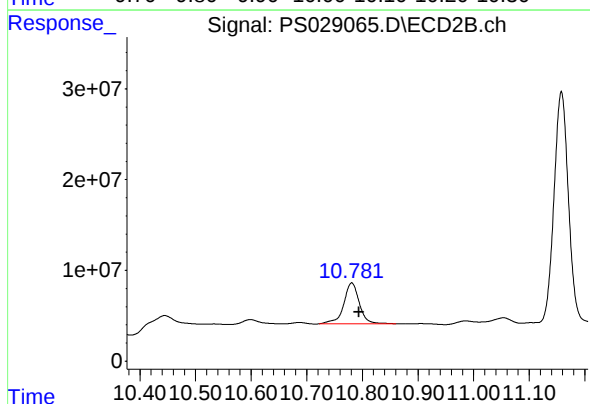
#13 2,4-DB

R.T.: 10.044 min
Delta R.T.: -0.005 min
Response: 272074439
Conc: 77.92 ng/ml

Instrument :
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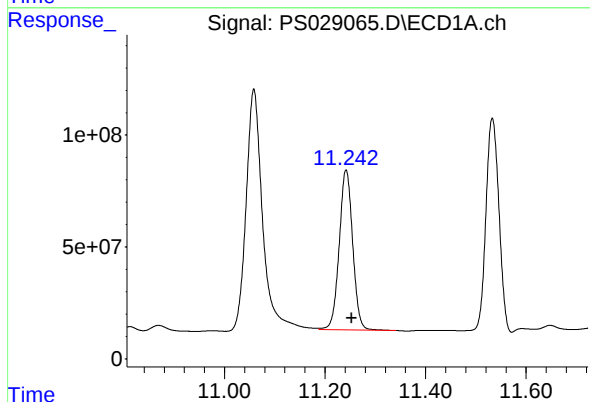
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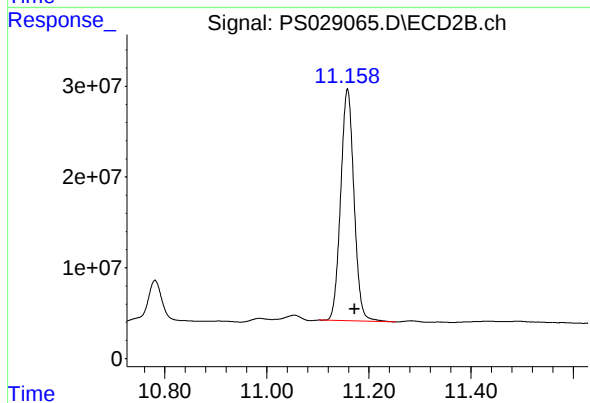
#13 2,4-DB

R.T.: 10.781 min
Delta R.T.: -0.013 min
Response: 88013191
Conc: 88.49 ng/ml



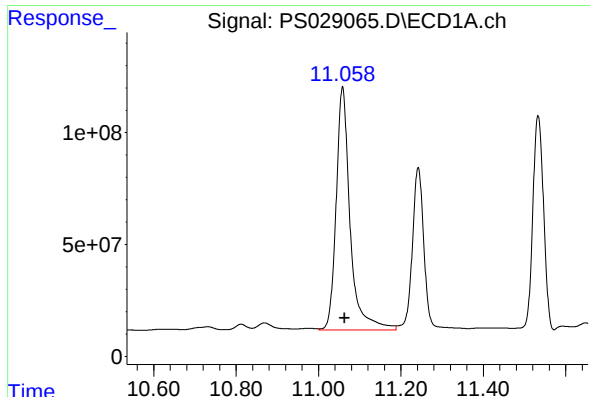
#14 DINOSEB

R.T.: 11.242 min
Delta R.T.: -0.012 min
Response: 1332678217
Conc: 82.69 ng/ml m



#14 DINOSEB

R.T.: 11.158 min
Delta R.T.: -0.014 min
Response: 461490285
Conc: 72.68 ng/ml



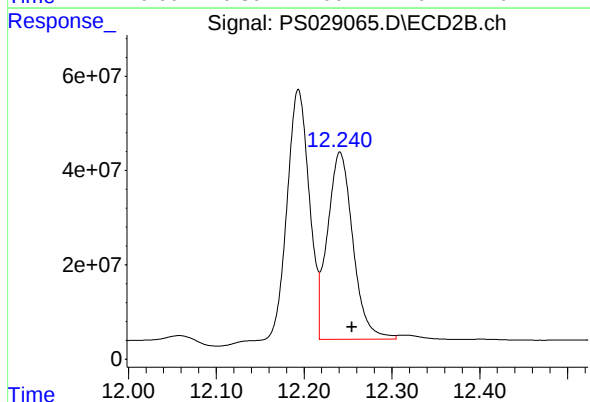
#15 Picloram

R.T.: 11.058 min
Delta R.T.: -0.005 min
Response: 2558246133
Conc: 82.55 ng/ml

Instrument :
ECD_S
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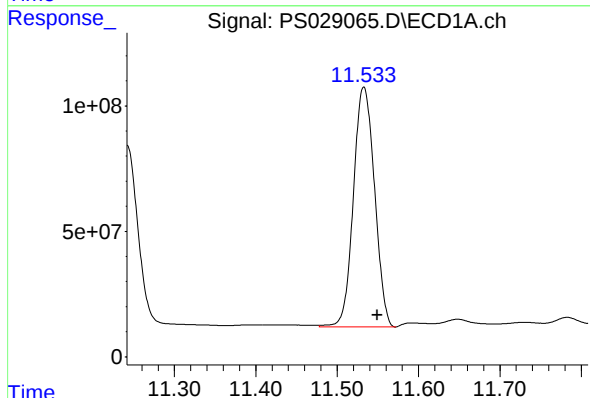
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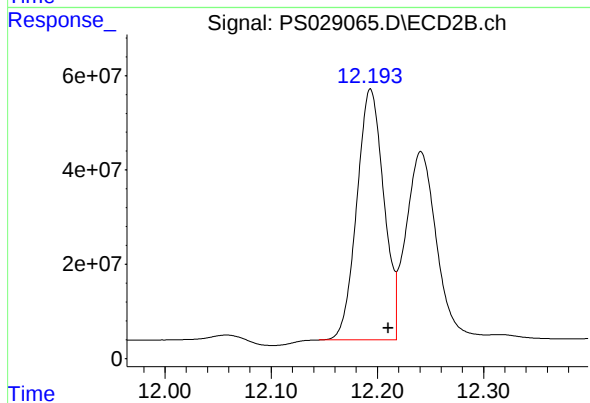
#15 Picloram

R.T.: 12.240 min
Delta R.T.: -0.014 min
Response: 796814060
Conc: 59.20 ng/ml m



#16 DCPA

R.T.: 11.533 min
Delta R.T.: -0.016 min
Response: 1725266468
Conc: 61.86 ng/ml



#16 DCPA

R.T.: 12.193 min
Delta R.T.: -0.017 min
Response: 945381463
Conc: 83.89 ng/ml m