

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS091625\  
 Data File : PS031751.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2025 12:24  
 Operator : AR\AJ  
 Sample : Q2893-07  
 Misc : LOD WATER 150PPB  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/17/2025  
 Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 07:04:12 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     | 7.286  | 7.740  | 1812.0E6 | 506.9E6  | 503.108  | 557.713   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.662  | 2.680  | 552.0E6  | 393.7E6  | 95.485m  | 139.728m# |
| 2) T                        | 3,5-DICHL... | 6.454  | 6.697  | 772.5E6  | 189.2E6  | 144.838  | 124.078   |
| 3) T                        | 4-Nitroph... | 7.111  | 7.313  | 107.5E6  | 117.8E6  | 97.414m  | 93.264    |
| 5) T                        | DICAMBA      | 7.470  | 7.938  | 2114.6E6 | 875.1E6  | 135.580  | 134.490   |
| 6) T                        | MCPD         | 7.645  | 8.029  | 63155199 | 13739759 | 7.065    | 7.295     |
| 7) T                        | MCPA         | 7.794  | 8.276  | 130.3E6  | 22026913 | 11.727   | 7.863 #   |
| 8) T                        | DICHLORPROP  | 8.181  | 8.658  | 520.5E6  | 207.6E6  | 146.132  | 142.677   |
| 9) T                        | 2,4-D        | 8.424  | 9.008  | 439.7E6  | 257.0E6  | 128.369m | 156.236m  |
| 10) T                       | Pentachlo... | 8.708  | 9.506  | 8438.7E6 | 5507.1E6 | 158.939m | 138.751   |
| 11) T                       | 2,4,5-TP ... | 9.289  | 9.892  | 3245.6E6 | 2110.1E6 | 154.747m | 140.163m  |
| 12) T                       | 2,4,5-T      | 9.590  | 10.328 | 2320.6E6 | 1722.6E6 | 126.822m | 128.009   |
| 13) T                       | 2,4-DB       | 10.168 | 10.899 | 265.2E6  | 127.2E6  | 113.675m | 118.915   |
| 14) T                       | DINOSEB      | 11.358 | 11.265 | 1982.7E6 | 1191.0E6 | 137.468  | 122.518   |
| 15) T                       | Picloram     | 11.206 | 12.402 | 1763.8E6 | 2523.5E6 | 97.929   | 106.550   |
| 16) T                       | DCPA         | 11.649 | 12.305 | 2289.0E6 | 3243.8E6 | 84.936   | 134.573 # |
| -----                       |              |        |        |          |          |          |           |

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

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Data File : PS031751.D  
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Acq On : 16 Sep 2025 12:24  
Operator : AR\AJ  
Sample : Q2893-07  
Misc : LOD WATER 150PPB  
ALS Vial : 4 Sample Multiplier: 1

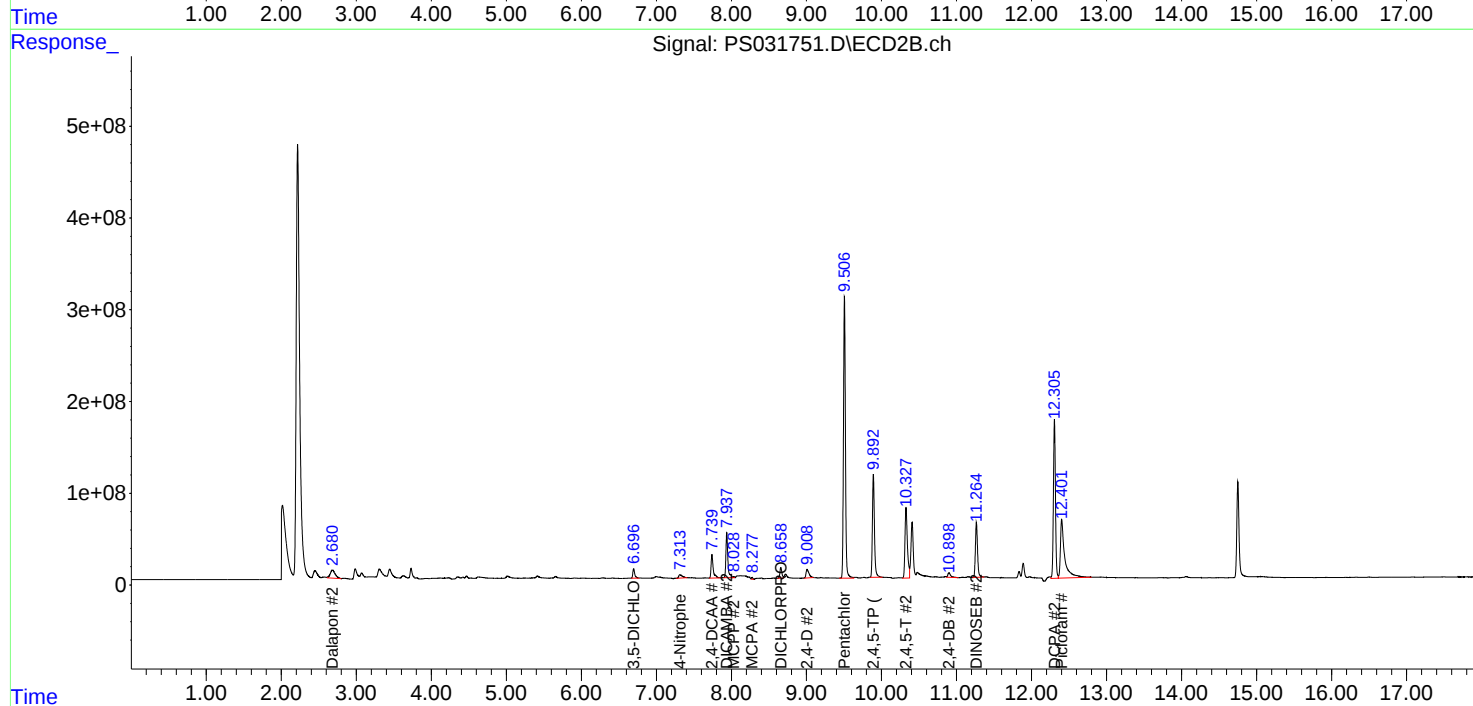
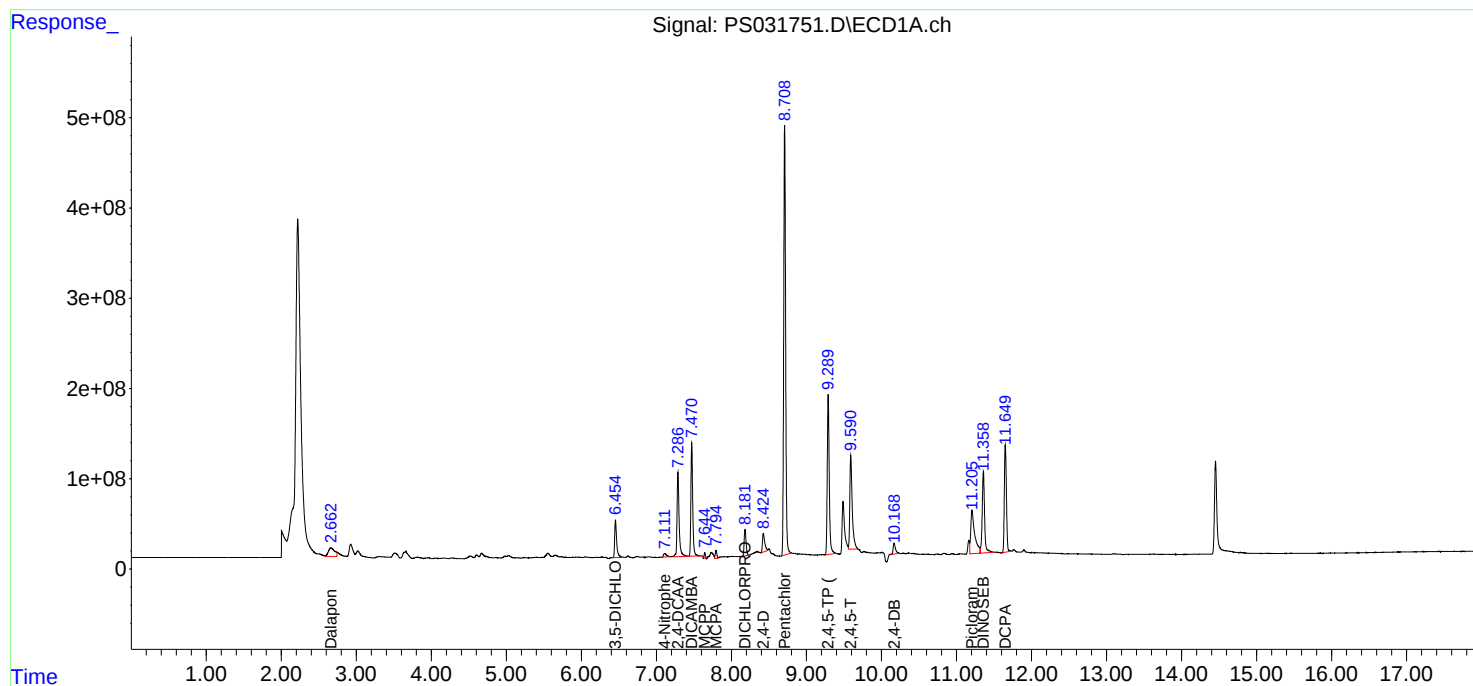
Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2025

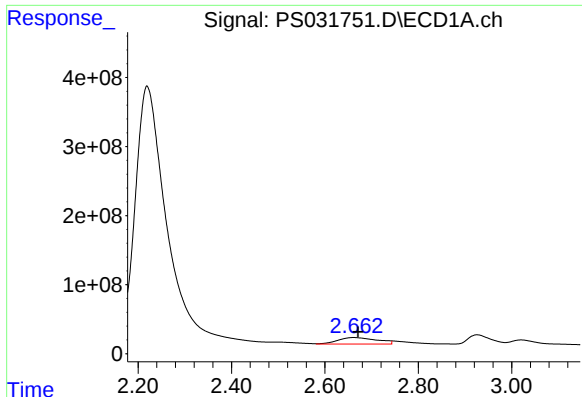
Manual Integrations  
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Integration File signal 1: autoint1.e  
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Quant Time: Sep 17 07:04:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090925.M  
Quant Title : 8080.M  
QLast Update : Tue Sep 09 13:56:38 2025  
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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





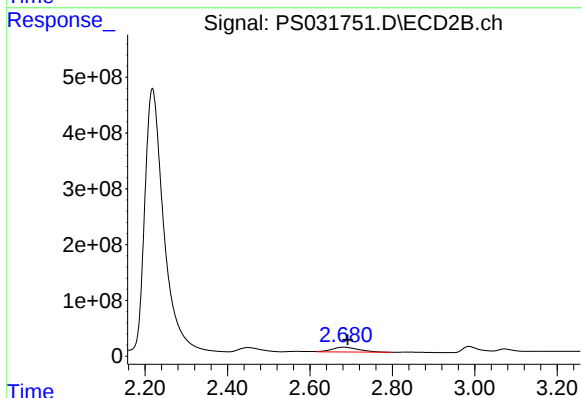
#1 Dalapon

R.T.: 2.662 min  
Delta R.T.: -0.009 min  
Response: 551972985  
Conc: 95.48 ng/ml

Instrument :  
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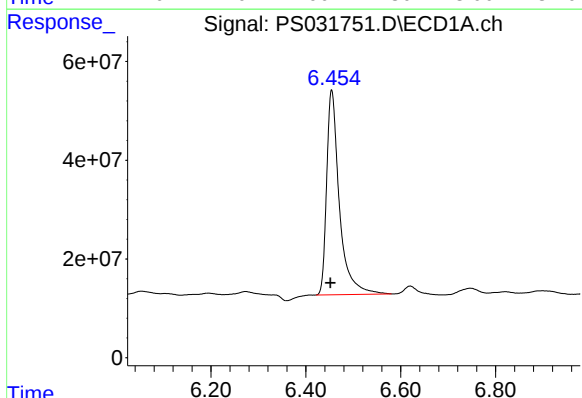
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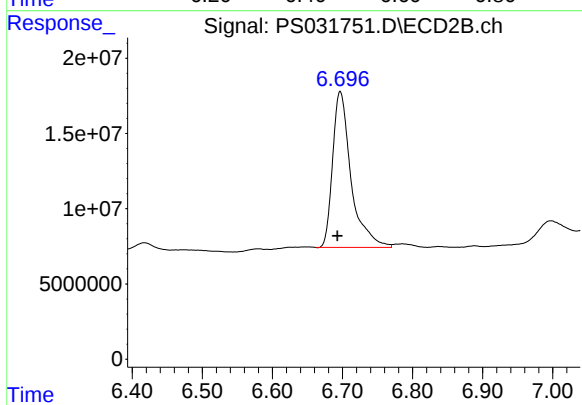
#1 Dalapon

R.T.: 2.680 min  
Delta R.T.: -0.011 min  
Response: 393700574  
Conc: 139.73 ng/ml m



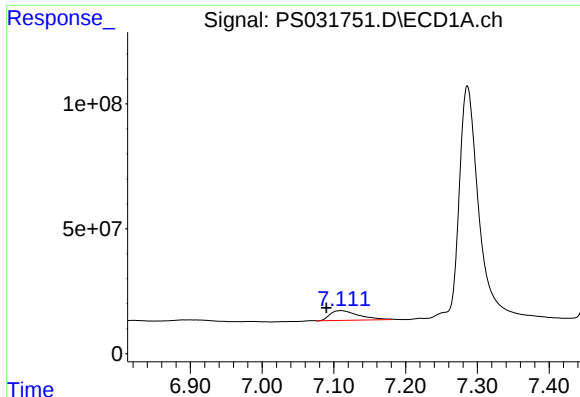
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min  
Delta R.T.: 0.003 min  
Response: 772475315  
Conc: 144.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min  
Delta R.T.: 0.004 min  
Response: 189214575  
Conc: 124.08 ng/ml



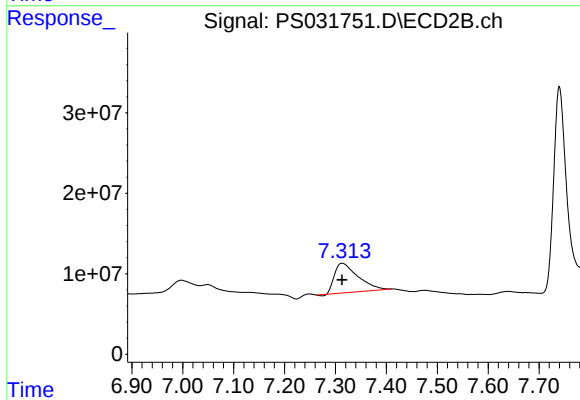
#3 4-Nitrophenol

R.T.: 7.111 min  
Delta R.T.: 0.021 min  
Response: 107467468  
Conc: 97.41 ng/ml

Instrument :  
ECD\_S  
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LOD-MDL-WATER-01-QT3-2025

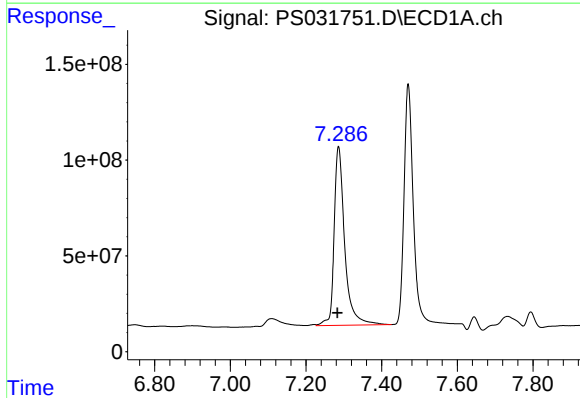
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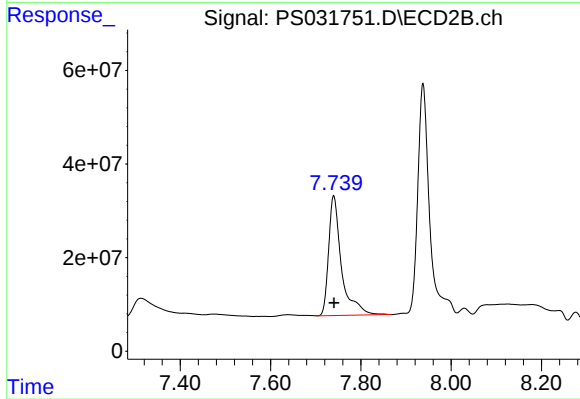
#3 4-Nitrophenol

R.T.: 7.313 min  
Delta R.T.: 0.000 min  
Response: 117772313  
Conc: 93.26 ng/ml



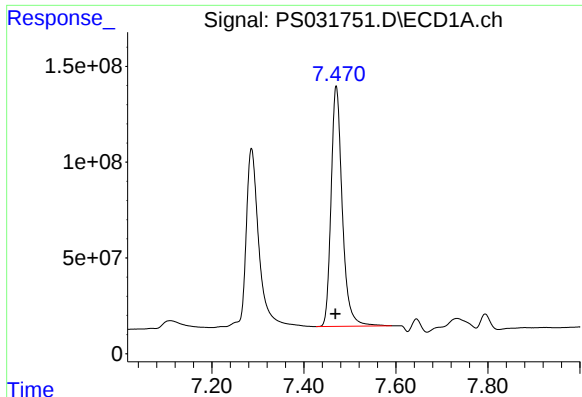
#4 2,4-DCAA

R.T.: 7.286 min  
Delta R.T.: 0.003 min  
Response: 1811955991  
Conc: 503.11 ng/ml



#4 2,4-DCAA

R.T.: 7.740 min  
Delta R.T.: 0.000 min  
Response: 506905208  
Conc: 557.71 ng/ml



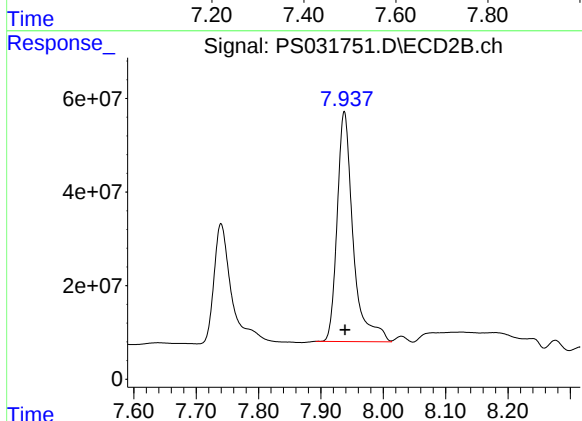
#5 DICAMBA

R.T.: 7.470 min  
Delta R.T.: 0.002 min  
Response: 2114597473  
Conc: 135.58 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2025

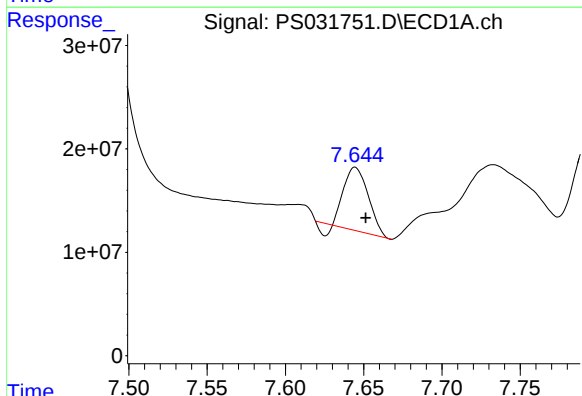
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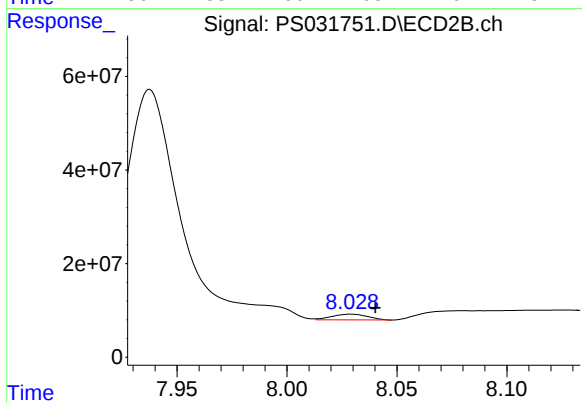
#5 DICAMBA

R.T.: 7.938 min  
Delta R.T.: -0.001 min  
Response: 875103927  
Conc: 134.49 ng/ml



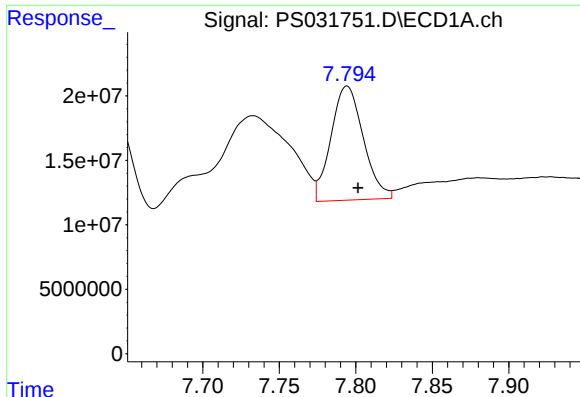
#6 MCPP

R.T.: 7.645 min  
Delta R.T.: -0.007 min  
Response: 63155199  
Conc: 7.06 ug/ml



#6 MCPP

R.T.: 8.029 min  
Delta R.T.: -0.011 min  
Response: 13739759  
Conc: 7.30 ug/ml



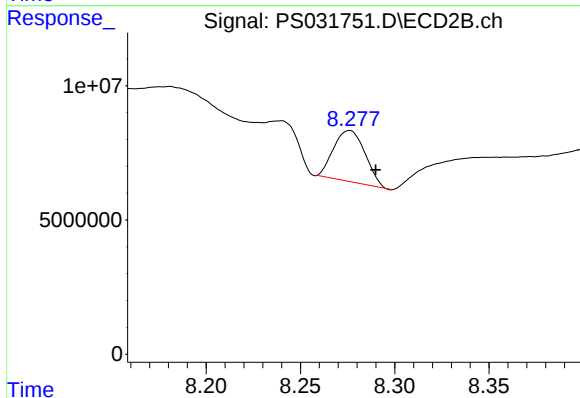
#7 MCPA

R.T.: 7.794 min  
Delta R.T.: -0.007 min  
Response: 130295028  
Conc: 11.73 ug/ml

Instrument :  
ECD\_S  
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LOD-MDL-WATER-01-QT3-2025

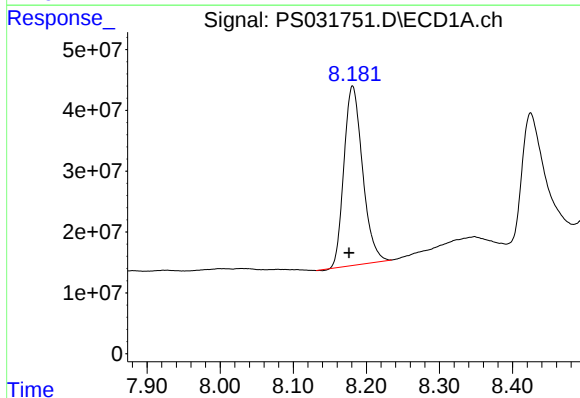
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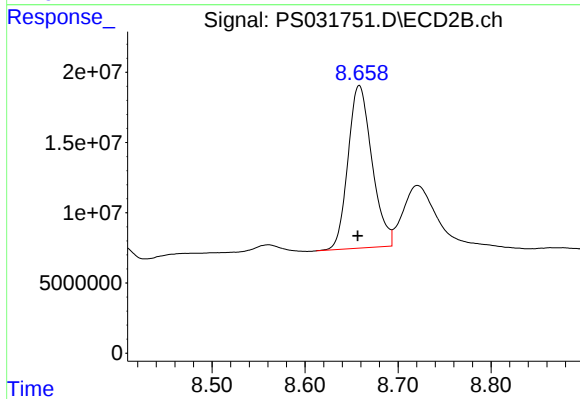
#7 MCPA

R.T.: 8.276 min  
Delta R.T.: -0.014 min  
Response: 22026913  
Conc: 7.86 ug/ml



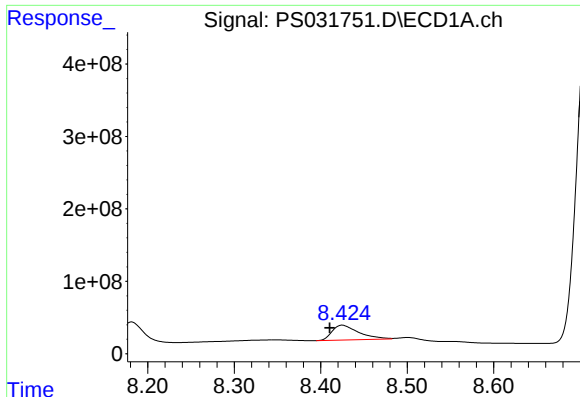
#8 DICHLORPROP

R.T.: 8.181 min  
Delta R.T.: 0.005 min  
Response: 520488466  
Conc: 146.13 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min  
Delta R.T.: 0.002 min  
Response: 207603176  
Conc: 142.68 ng/ml



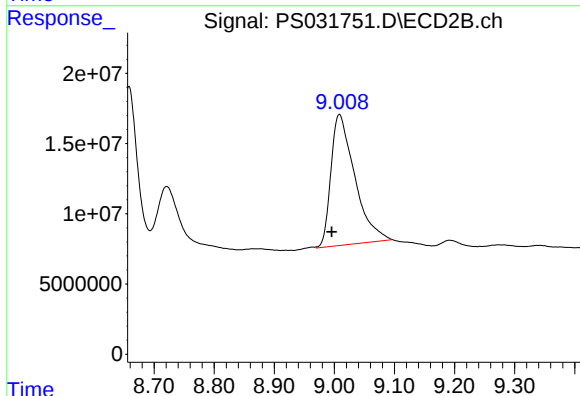
#9 2,4-D

R.T.: 8.424 min  
Delta R.T.: 0.014 min  
Response: 439746317  
Conc: 128.37 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2025

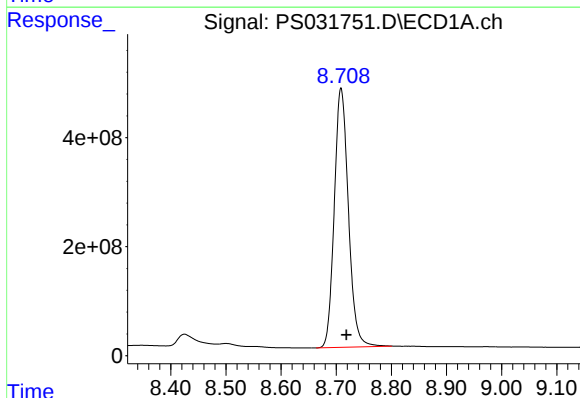
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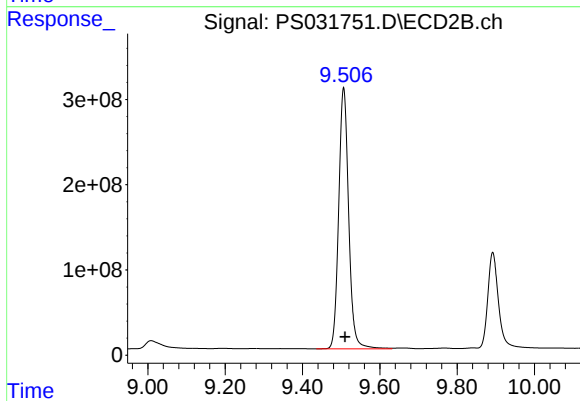
#9 2,4-D

R.T.: 9.008 min  
Delta R.T.: 0.013 min  
Response: 257025074  
Conc: 156.24 ng/ml m



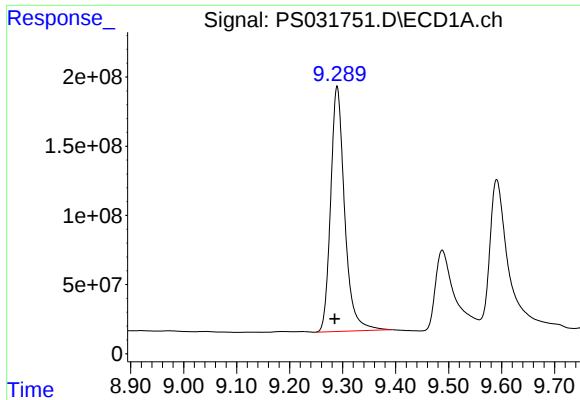
#10 Pentachlorophenol

R.T.: 8.708 min  
Delta R.T.: -0.010 min  
Response: 8438703820  
Conc: 158.94 ng/ml m



#10 Pentachlorophenol

R.T.: 9.506 min  
Delta R.T.: -0.003 min  
Response: 5507106273  
Conc: 138.75 ng/ml



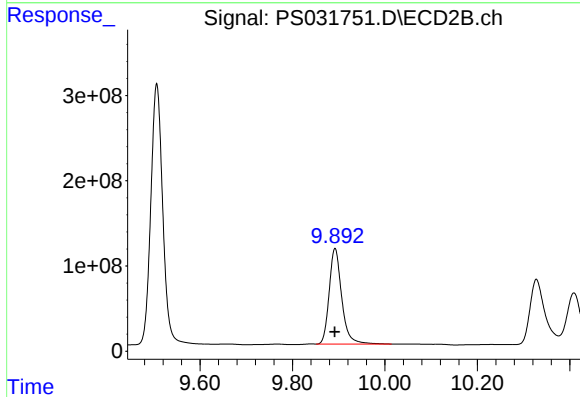
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min  
Delta R.T.: 0.004 min  
Response: 3245614119  
Conc: 154.75 ng/ml

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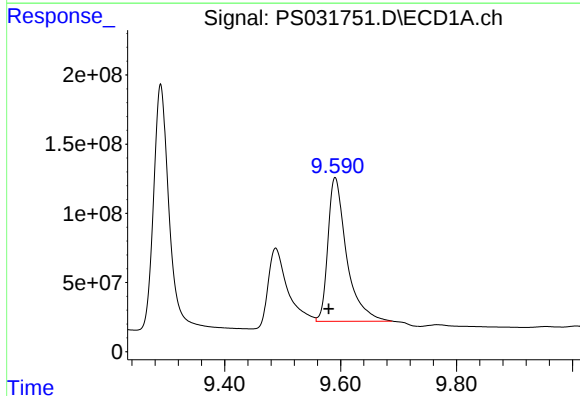
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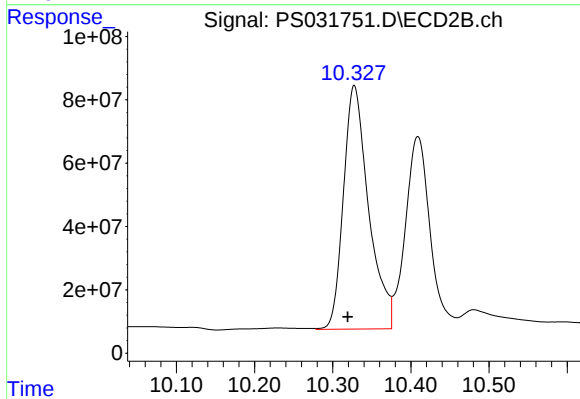
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min  
Delta R.T.: 0.000 min  
Response: 2110062866  
Conc: 140.16 ng/ml m



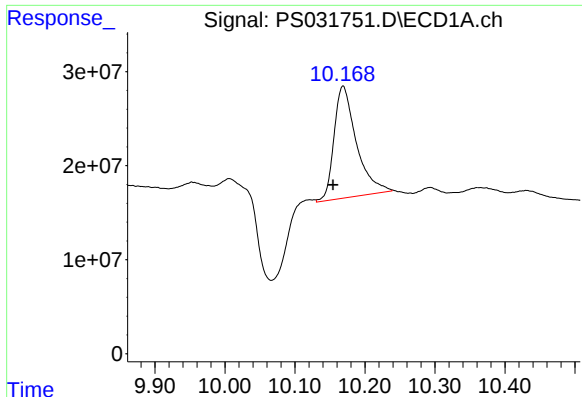
#12 2,4,5-T

R.T.: 9.590 min  
Delta R.T.: 0.011 min  
Response: 2320610718  
Conc: 126.82 ng/ml m



#12 2,4,5-T

R.T.: 10.328 min  
Delta R.T.: 0.009 min  
Response: 1722625425  
Conc: 128.01 ng/ml



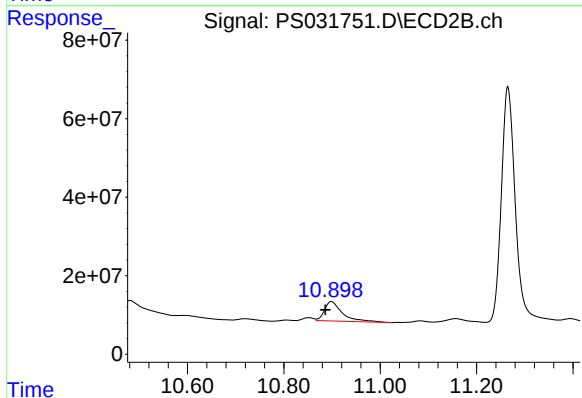
#13 2,4-DB

R.T.: 10.168 min  
Delta R.T.: 0.014 min  
Response: 265176951  
Conc: 113.67 ng/ml

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

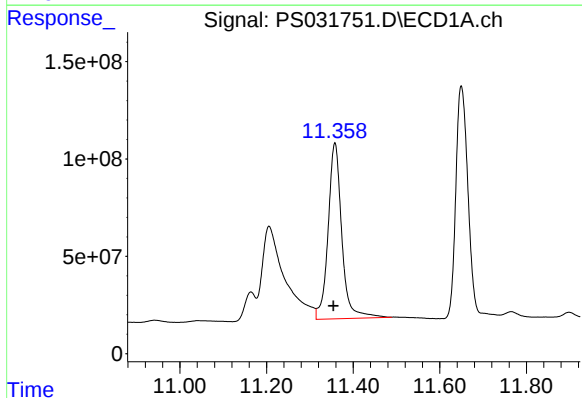
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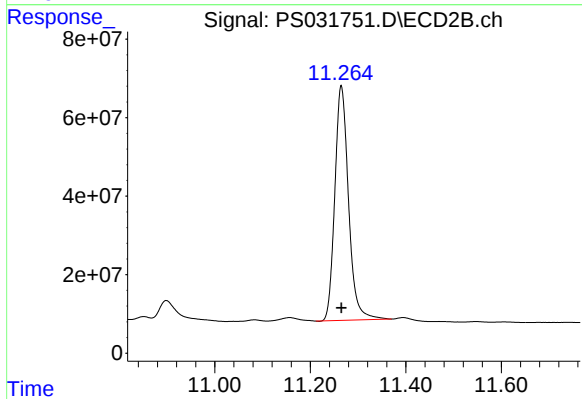
#13 2,4-DB

R.T.: 10.899 min  
Delta R.T.: 0.012 min  
Response: 127244566  
Conc: 118.92 ng/ml



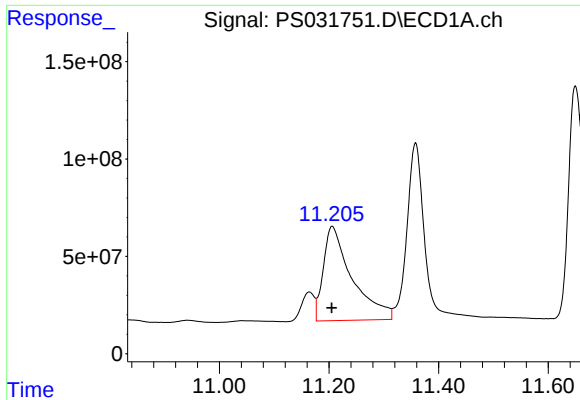
#14 DINOSEB

R.T.: 11.358 min  
Delta R.T.: 0.004 min  
Response: 1982662014  
Conc: 137.47 ng/ml



#14 DINOSEB

R.T.: 11.265 min  
Delta R.T.: 0.000 min  
Response: 1190956733  
Conc: 122.52 ng/ml



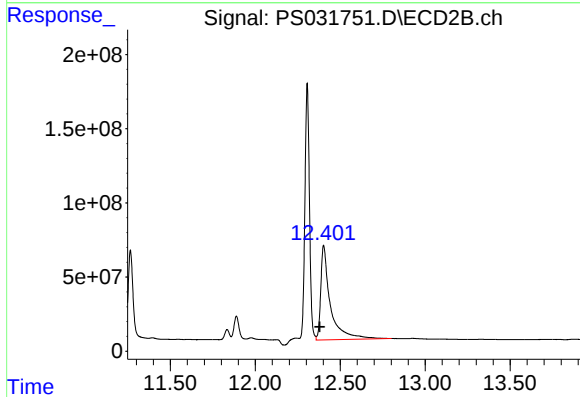
#15 Picloram

R.T.: 11.206 min  
Delta R.T.: 0.000 min  
Response: 1763809516  
Conc: 97.93 ng/ml

Instrument :  
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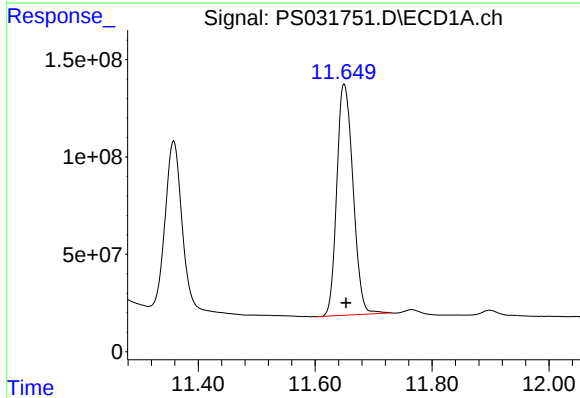
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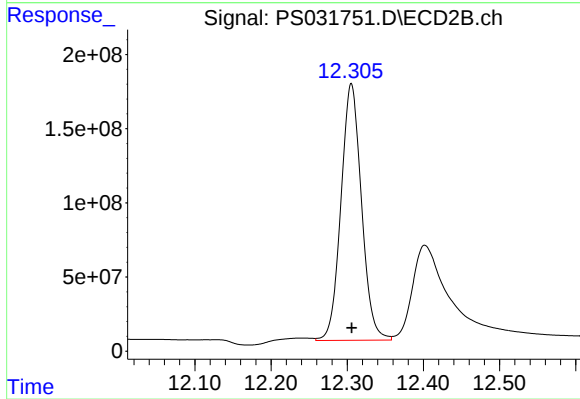
#15 Picloram

R.T.: 12.402 min  
Delta R.T.: 0.022 min  
Response: 2523457422  
Conc: 106.55 ng/ml



#16 DCPA

R.T.: 11.649 min  
Delta R.T.: -0.003 min  
Response: 2289014403  
Conc: 84.94 ng/ml



#16 DCPA

R.T.: 12.305 min  
Delta R.T.: 0.000 min  
Response: 3243768864  
Conc: 134.57 ng/ml