

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS090325\  
 Data File : PS031617.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2025 21:32  
 Operator : AR\AJ  
 Sample : Q2893-07  
 Misc : LOD WATER  
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025  
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 04 02:27:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
 Quant Title : 8080.M  
 QLast Update : Fri Aug 08 03:17:54 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  | 7.742  | 1689.4E6 | 429.1E6  | 532.259  | 507.585m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.665  | 2.669f | 930.1E6  | 1412.6E6 | 177.192  | 530.866 # |
| 2) T                        | 3,5-DICHL... | 6.454  | 6.700  | 727.1E6  | 191.4E6  | 154.111  | 141.606   |
| 3) T                        | 4-Nitroph... | 7.102  | 7.314  | 150.8E6  | 122.4E6  | 146.194  | 97.397 #  |
| 5) T                        | DICAMBA      | 7.470  | 7.939  | 2050.3E6 | 782.1E6  | 146.802  | 137.630m  |
| 6) T                        | MCPD         | 7.644  | 8.033  | 80398861 | 12491706 | 9.994m   | 7.066m#   |
| 7) T                        | MCPA         | 7.793  | 8.279  | 121.5E6  | 24234235 | 12.196   | 8.638 #   |
| 8) T                        | DICHLORPROP  | 8.179  | 8.661  | 577.4E6  | 217.2E6  | 182.007  | 162.684m  |
| 9) T                        | 2,4-D        | 8.420  | 9.011  | 538.7E6  | 258.3E6  | 187.241  | 180.994   |
| 10) T                       | Pentachlo... | 8.708  | 9.509  | 8336.3E6 | 5407.7E6 | 173.629  | 155.266   |
| 11) T                       | 2,4,5-TP ... | 9.287  | 9.893  | 3307.3E6 | 2405.3E6 | 184.522  | 183.388   |
| 12) T                       | 2,4,5-T      | 9.585  | 10.329 | 2140.7E6 | 1611.7E6 | 146.109m | 136.128m  |
| 13) T                       | 2,4-DB       | 10.164 | 10.900 | 293.2E6  | 105.9E6  | 152.584m | 109.810m# |
| 14) T                       | DINOSEB      | 11.356 | 11.268 | 2066.7E6 | 1314.6E6 | 163.007  | 139.014   |
| 15) T                       | Picloram     | 11.201 | 12.408 | 1333.9E6 | 1498.4E6 | 102.183  | 85.479    |
| 16) T                       | DCPA         | 11.651 | 12.307 | 2925.1E6 | 3196.0E6 | 128.411m | 162.232m# |
| -----                       |              |        |        |          |          |          |           |

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

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Sample : Q2893-07  
Misc : LOD WATER  
ALS Vial : 20 Sample Multiplier: 1

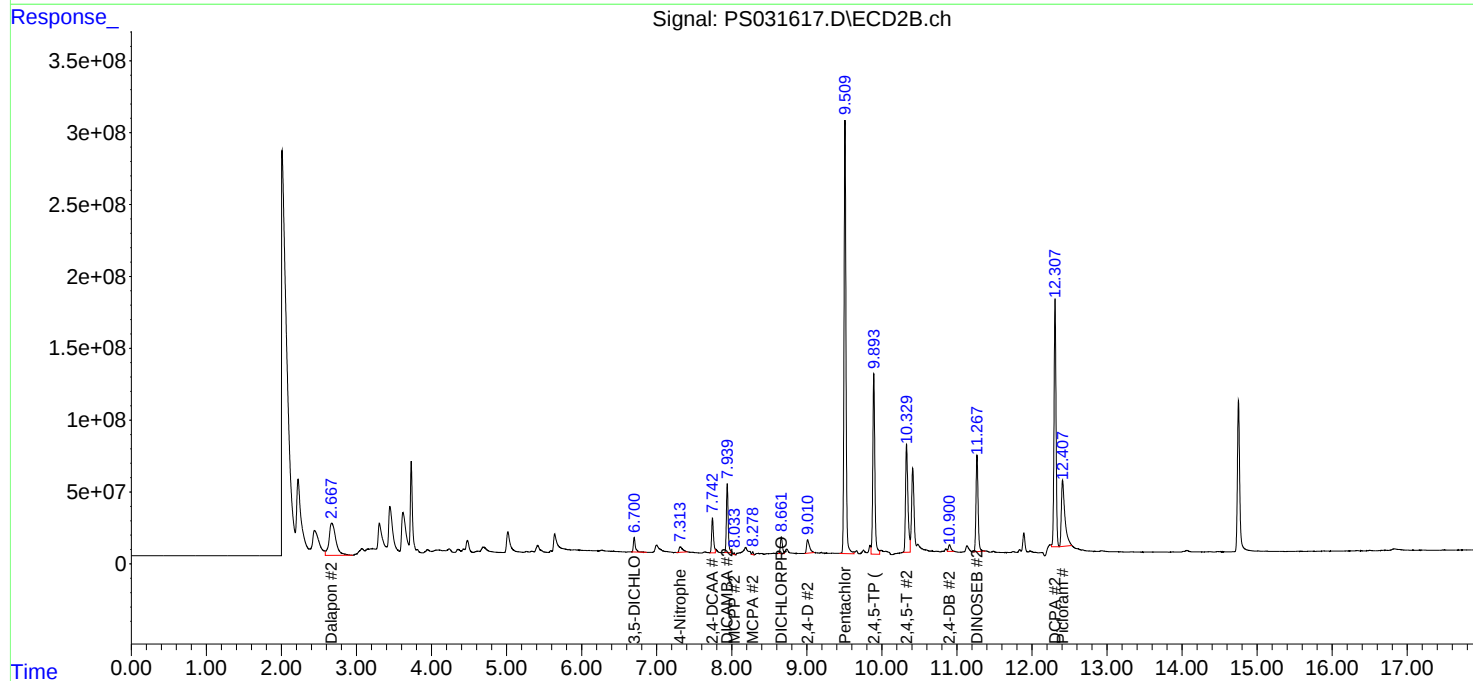
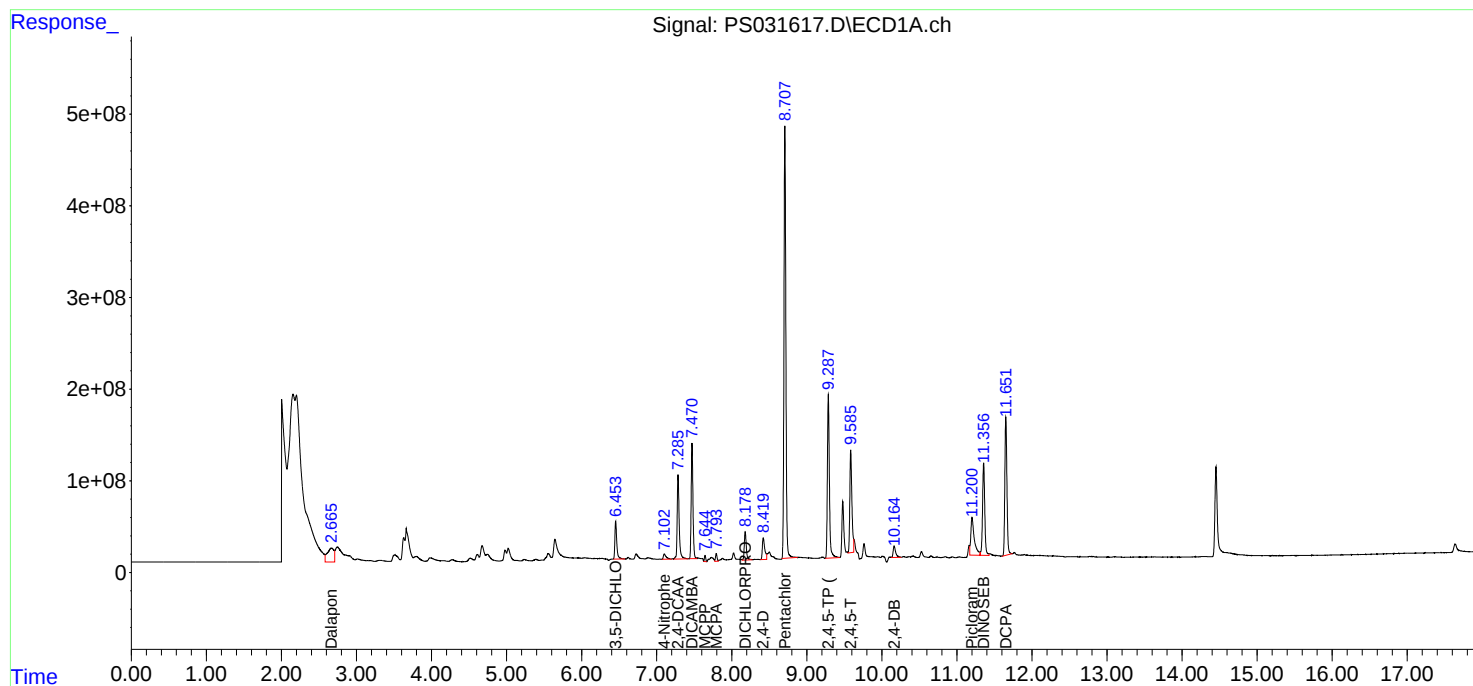
Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2025

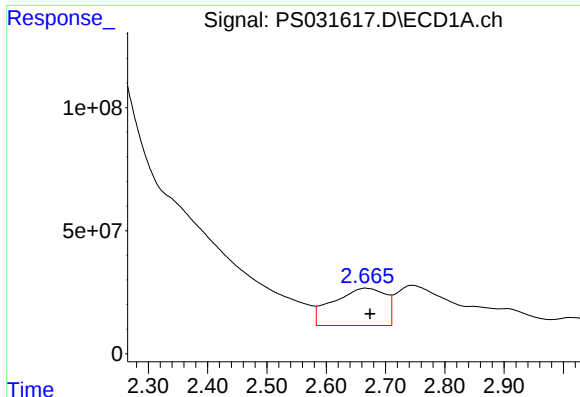
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 04 02:27:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
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QLast Update : Fri Aug 08 03:17:54 2025  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





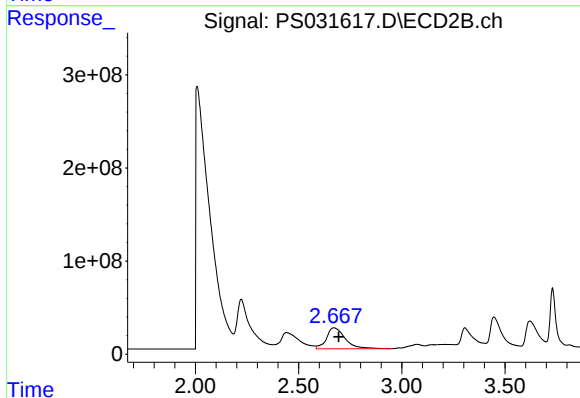
#1 Dalapon

R.T.: 2.665 min  
Delta R.T.: -0.009 min  
Response: 930070086  
Conc: 177.19 ng/ml

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

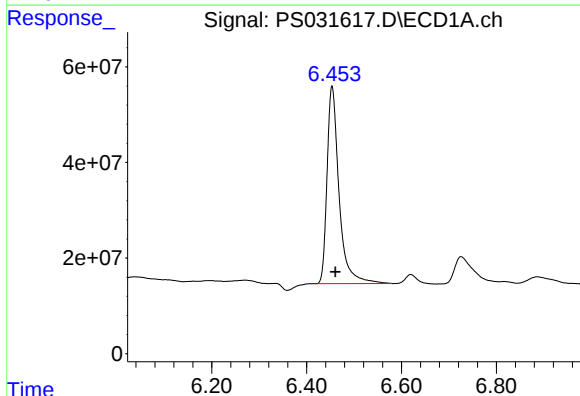
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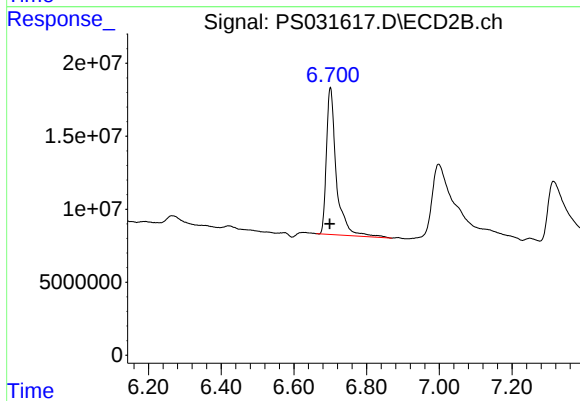
#1 Dalapon

R.T.: 2.669 min  
Delta R.T.: -0.025 min  
Response: 1412641927  
Conc: 530.87 ng/ml



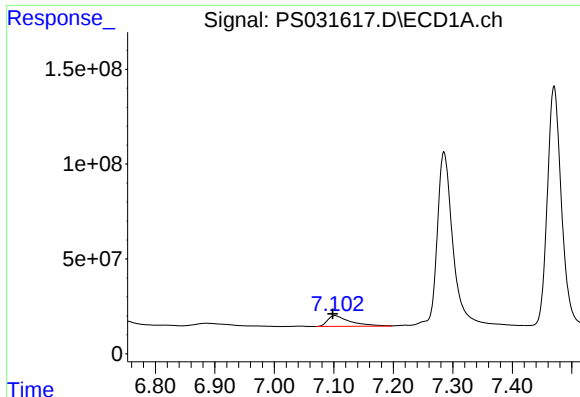
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min  
Delta R.T.: -0.007 min  
Response: 727145948  
Conc: 154.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min  
Delta R.T.: 0.002 min  
Response: 191441925  
Conc: 141.61 ng/ml



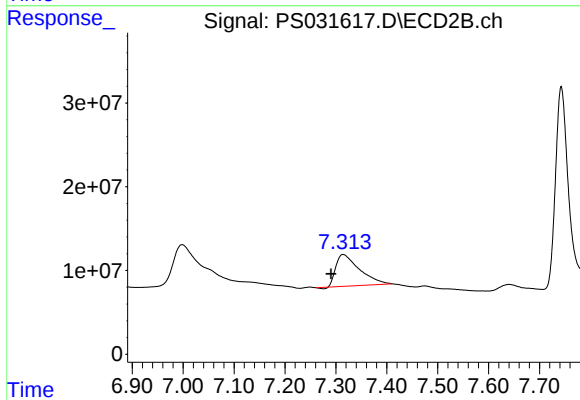
#3 4-Nitrophenol

R.T.: 7.102 min  
Delta R.T.: 0.004 min  
Response: 150825555  
Conc: 146.19 ng/ml

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

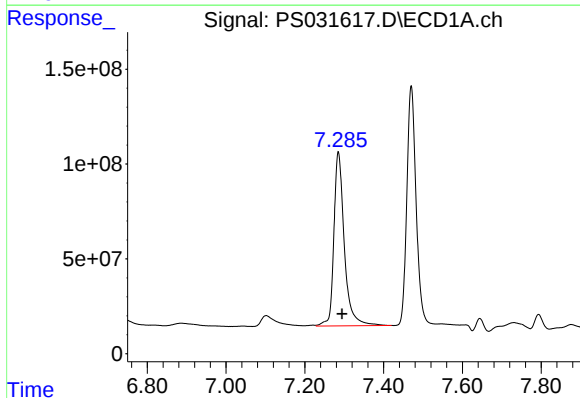
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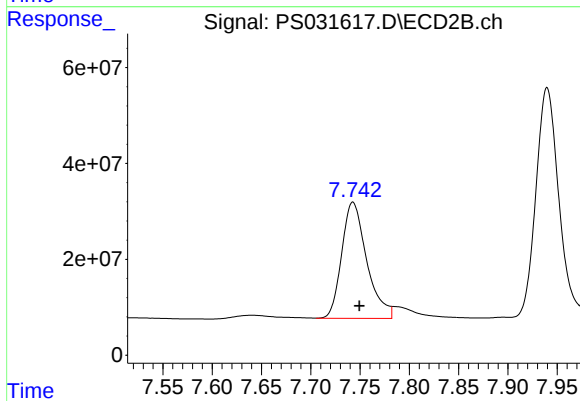
#3 4-Nitrophenol

R.T.: 7.314 min  
Delta R.T.: 0.024 min  
Response: 122416772  
Conc: 97.40 ng/ml



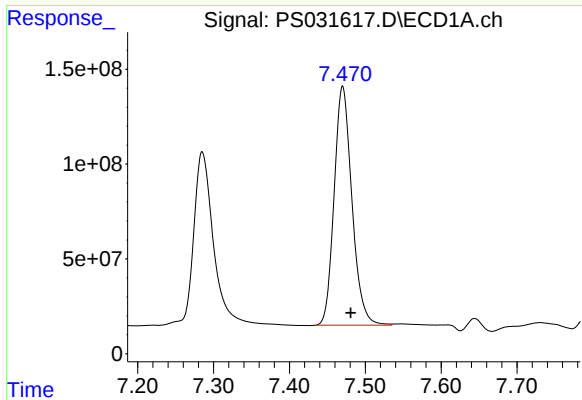
#4 2,4-DCAA

R.T.: 7.285 min  
Delta R.T.: -0.010 min  
Response: 1689382689  
Conc: 532.26 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min  
Delta R.T.: -0.007 min  
Response: 429081344  
Conc: 507.58 ng/ml m



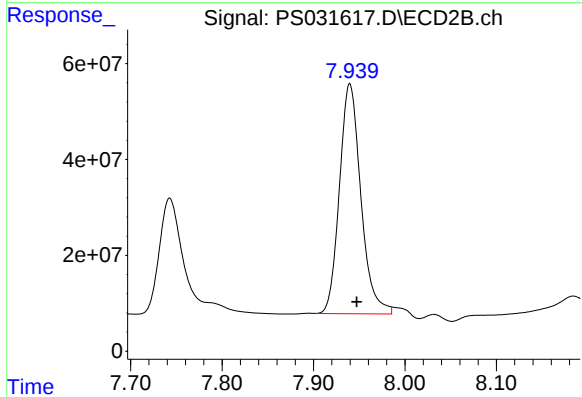
#5 DICAMBA

R.T.: 7.470 min  
Delta R.T.: -0.011 min  
Response: 2050304477  
Conc: 146.80 ng/ml

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

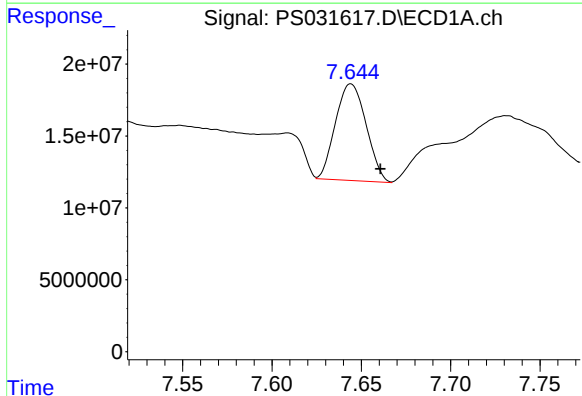
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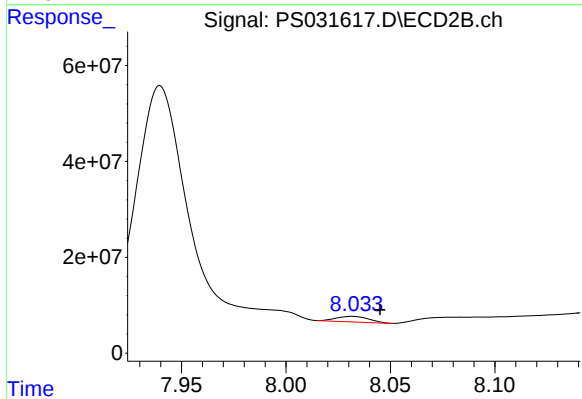
#5 DICAMBA

R.T.: 7.939 min  
Delta R.T.: -0.008 min  
Response: 782109832  
Conc: 137.63 ng/ml m



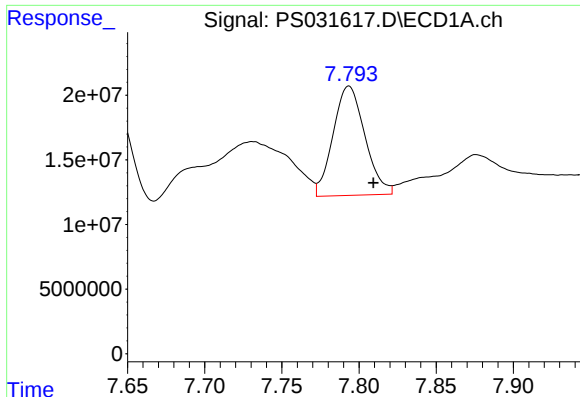
#6 MCPP

R.T.: 7.644 min  
Delta R.T.: -0.017 min  
Response: 80398861  
Conc: 9.99 ug/ml m



#6 MCPP

R.T.: 8.033 min  
Delta R.T.: -0.012 min  
Response: 12491706  
Conc: 7.07 ug/ml m



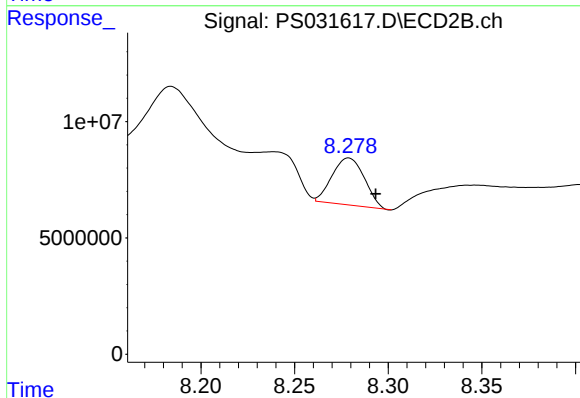
#7 MCPA

R.T.: 7.793 min  
Delta R.T.: -0.016 min  
Response: 121490862  
Conc: 12.20 ug/ml

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

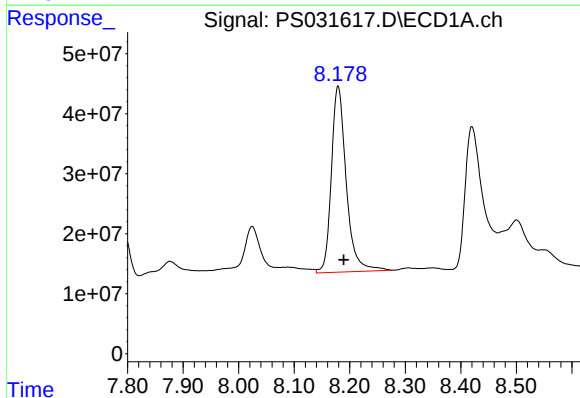
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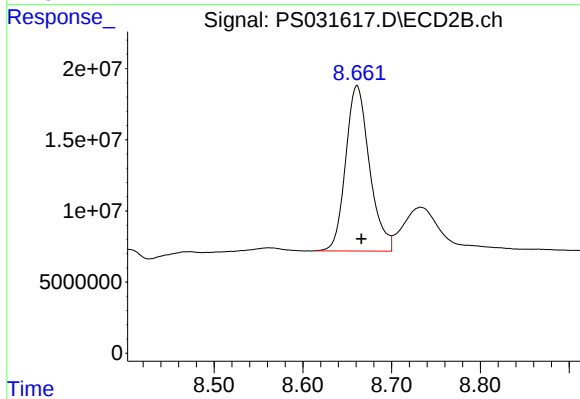
#7 MCPA

R.T.: 8.279 min  
Delta R.T.: -0.014 min  
Response: 24234235  
Conc: 8.64 ug/ml



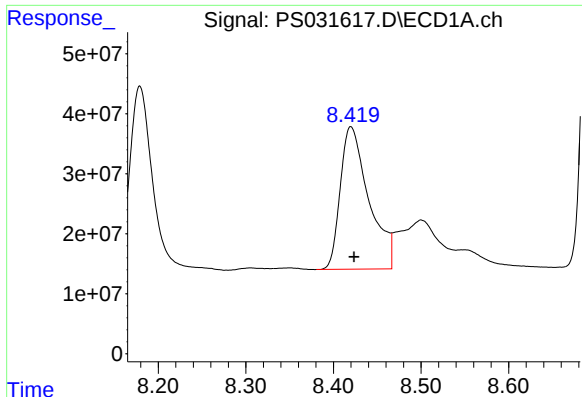
#8 DICHLORPROP

R.T.: 8.179 min  
Delta R.T.: -0.010 min  
Response: 577404168  
Conc: 182.01 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min  
Delta R.T.: -0.005 min  
Response: 217188470  
Conc: 162.68 ng/ml m



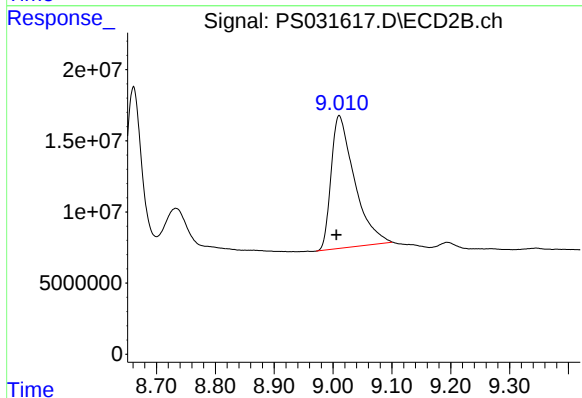
#9 2,4-D

R.T.: 8.420 min  
Delta R.T.: -0.004 min  
Response: 538657334  
Conc: 187.24 ng/ml

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

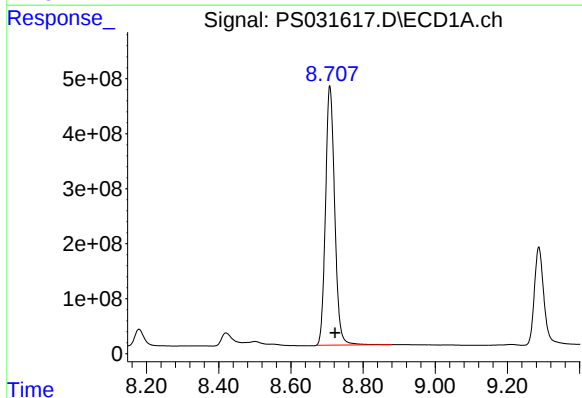
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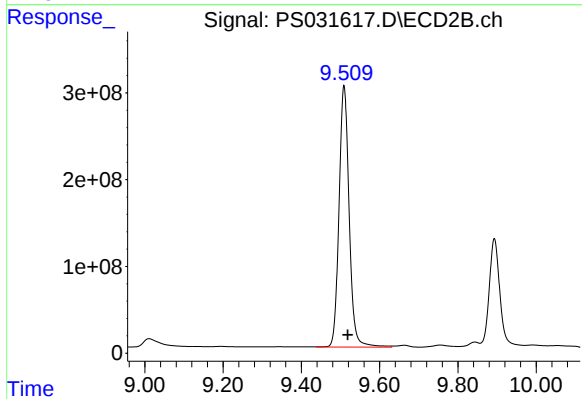
#9 2,4-D

R.T.: 9.011 min  
Delta R.T.: 0.005 min  
Response: 258330919  
Conc: 180.99 ng/ml



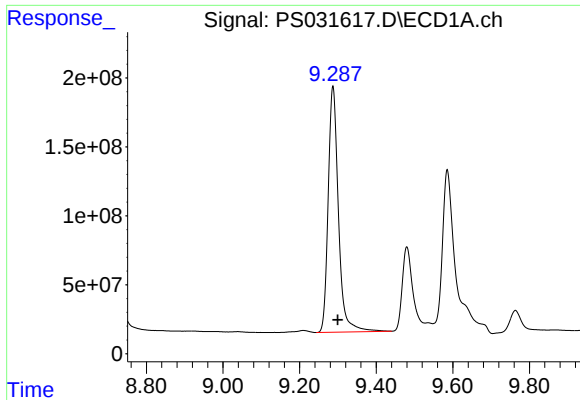
#10 Pentachlorophenol

R.T.: 8.708 min  
Delta R.T.: -0.014 min  
Response: 8336339234  
Conc: 173.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min  
Delta R.T.: -0.009 min  
Response: 5407659562  
Conc: 155.27 ng/ml



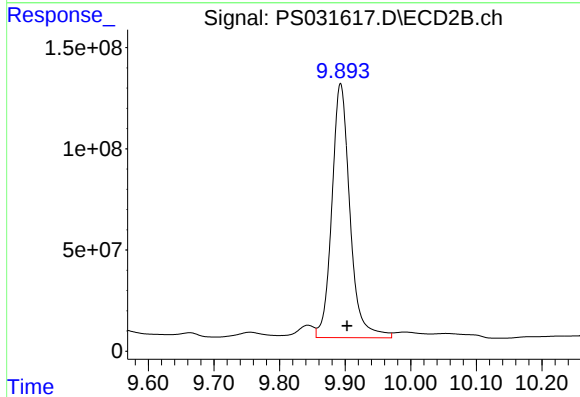
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min  
Delta R.T.: -0.013 min  
Response: 3307325259  
Conc: 184.52 ng/ml

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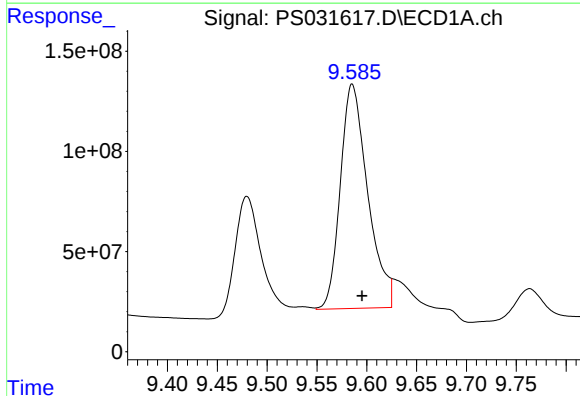
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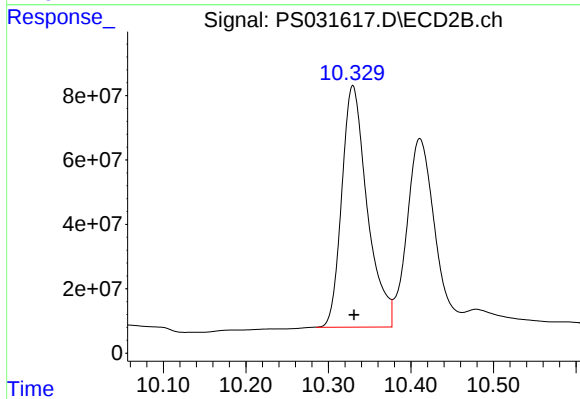
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min  
Delta R.T.: -0.010 min  
Response: 2405317423  
Conc: 183.39 ng/ml



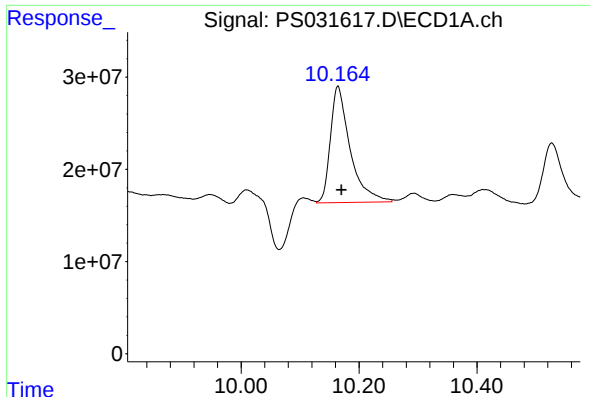
#12 2,4,5-T

R.T.: 9.585 min  
Delta R.T.: -0.011 min  
Response: 2140674642  
Conc: 146.11 ng/ml m



#12 2,4,5-T

R.T.: 10.329 min  
Delta R.T.: -0.002 min  
Response: 1611717661  
Conc: 136.13 ng/ml m



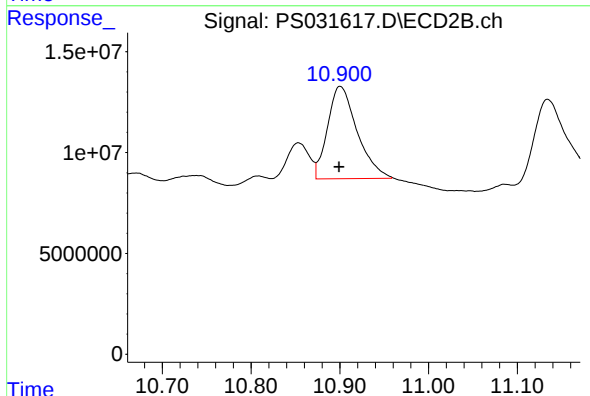
#13 2,4-DB

R.T.: 10.164 min  
Delta R.T.: -0.006 min  
Response: 293224541  
Conc: 152.58 ng/ml

Instrument :  
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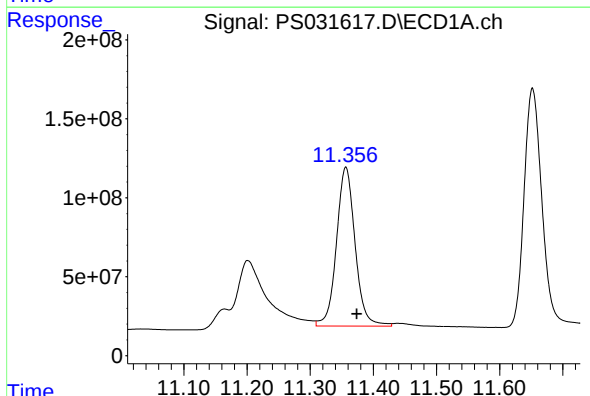
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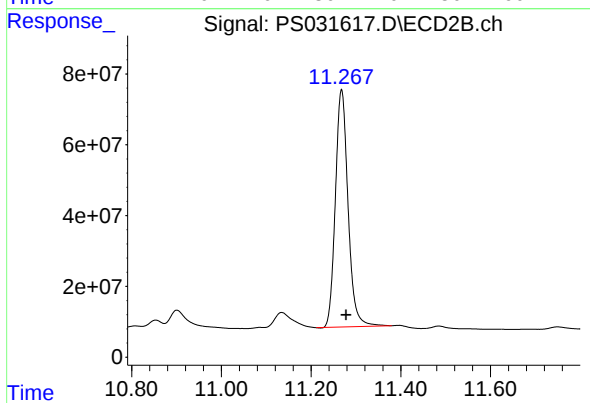
#13 2,4-DB

R.T.: 10.900 min  
Delta R.T.: 0.000 min  
Response: 105949672  
Conc: 109.81 ng/ml m



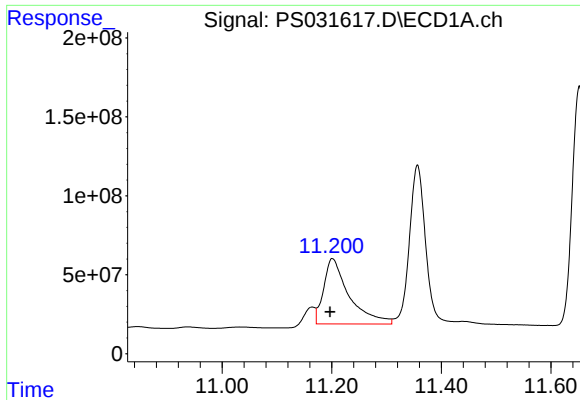
#14 DINOSEB

R.T.: 11.356 min  
Delta R.T.: -0.017 min  
Response: 2066676162  
Conc: 163.01 ng/ml



#14 DINOSEB

R.T.: 11.268 min  
Delta R.T.: -0.011 min  
Response: 1314648829  
Conc: 139.01 ng/ml



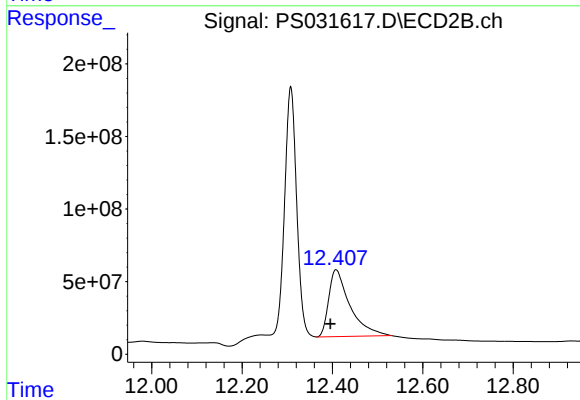
#15 Picloram

R.T.: 11.201 min  
Delta R.T.: 0.004 min  
Response: 1333917121  
Conc: 102.18 ng/ml

Instrument :  
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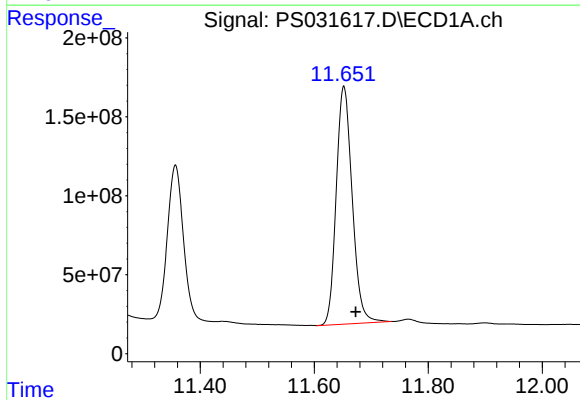
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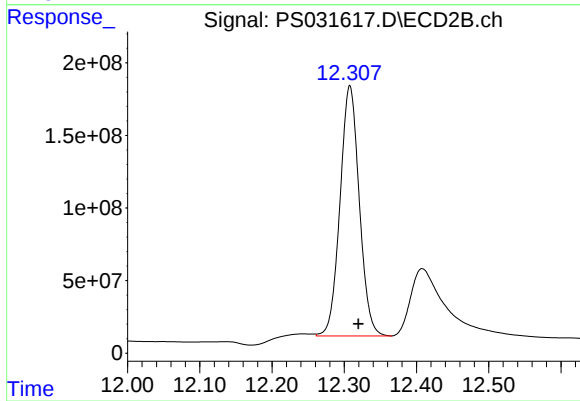
#15 Picloram

R.T.: 12.408 min  
Delta R.T.: 0.013 min  
Response: 1498430450  
Conc: 85.48 ng/ml



#16 DCPA

R.T.: 11.651 min  
Delta R.T.: -0.021 min  
Response: 2925113538  
Conc: 128.41 ng/ml m



#16 DCPA

R.T.: 12.307 min  
Delta R.T.: -0.012 min  
Response: 3196038424  
Conc: 162.23 ng/ml m