

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061925\  
 Data File : PS030763.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2025 19:17  
 Operator : AR\AJ  
 Sample : Q2126-08  
 Misc : LOQ WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2025

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/20/2025  
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 19 23:06:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 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     | 7.348  | 7.771  | 2170.8E6  | 630.7E6  | 590.780 | 588.378   |
| Target Compounds            |              |        |        |           |          |         |           |
| 1) T                        | Dalapon      | 2.709  | 2.713  | 914.2E6   | 541.6E6  | 153.242 | 197.536 # |
| 2) T                        | 3,5-DICHL... | 6.507  | 6.717  | 1160.9E6  | 341.7E6  | 215.884 | 211.803   |
| 3) T                        | 4-Nitroph... | 7.147  | 7.304  | 329.3E6   | 332.8E6  | 208.855 | 191.985   |
| 5) T                        | DICAMBA      | 7.538  | 7.973  | 3216.6E6  | 1321.0E6 | 211.407 | 201.579   |
| 6) T                        | MCPD         | 7.717  | 8.068  | 149.3E6   | 38811476 | 15.907  | 18.505m   |
| 7) T                        | MCPA         | 7.866  | 8.316  | 204.6E6   | 57572209 | 17.441  | 18.302    |
| 8) T                        | DICHLORPROP  | 8.253  | 8.693  | 942.9E6   | 331.6E6  | 251.724 | 210.867   |
| 9) T                        | 2,4-D        | 8.485  | 9.029  | 727.0E6   | 364.9E6  | 211.053 | 214.733m  |
| 10) T                       | Pentachlo... | 8.792  | 9.553  | 11749.1E6 | 7996.0E6 | 221.993 | 209.747   |
| 11) T                       | 2,4,5-TP ... | 9.373  | 9.934  | 4217.8E6  | 3007.6E6 | 210.572 | 208.443   |
| 12) T                       | 2,4,5-T      | 9.668  | 10.361 | 3298.9E6  | 2909.1E6 | 200.505 | 212.892   |
| 13) T                       | 2,4-DB       | 10.246 | 10.929 | 488.0E6   | 256.3E6  | 212.776 | 216.682   |
| 14) T                       | DINOSEB      | 11.464 | 11.313 | 2842.0E6  | 2177.4E6 | 204.857 | 201.959   |
| 15) T                       | Picloram     | 11.276 | 12.423 | 3097.2E6  | 4518.4E6 | 192.661 | 194.411   |
| 16) T                       | DCPA         | 11.760 | 12.358 | 5468.6E6  | 4689.8E6 | 213.482 | 212.759   |
| -----                       |              |        |        |           |          |         |           |

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

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Operator : AR\AJ  
Sample : Q2126-08  
Misc : LOQ WATER  
ALS Vial : 11 Sample Multiplier: 1

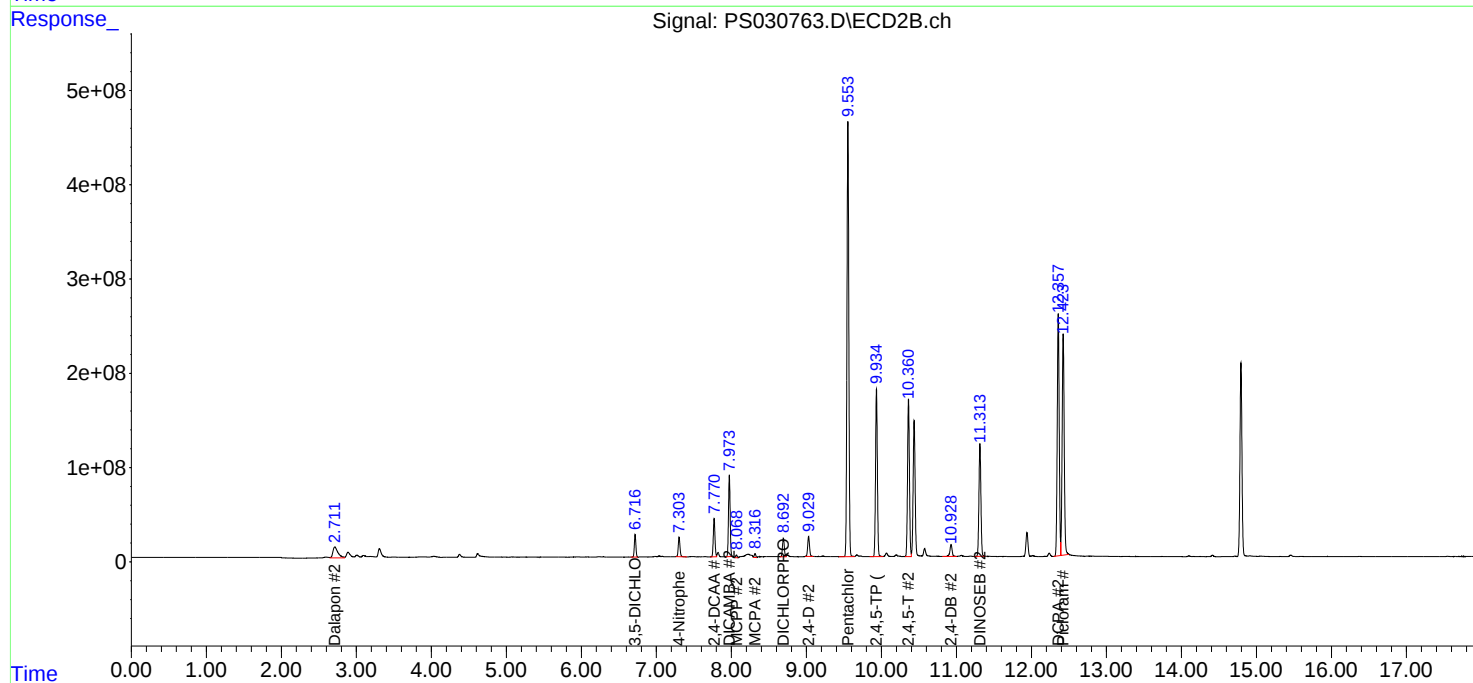
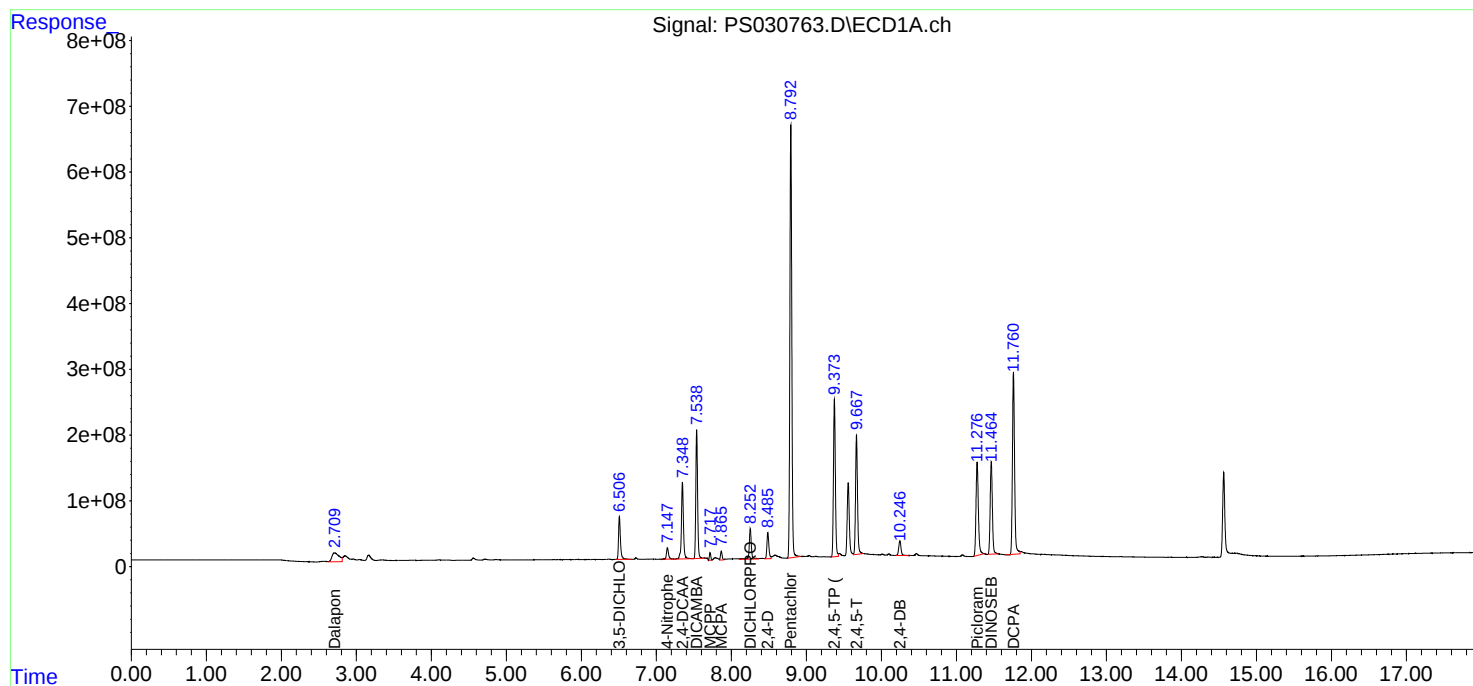
Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

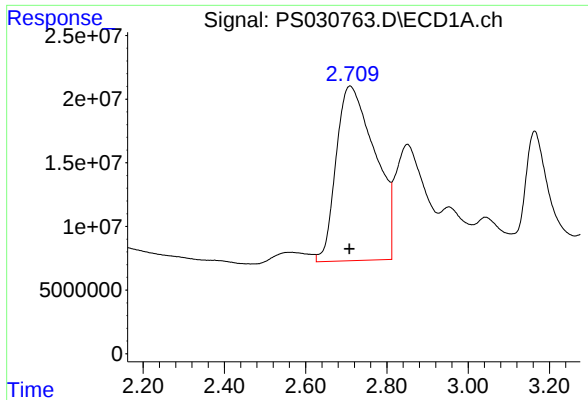
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
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Volume 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





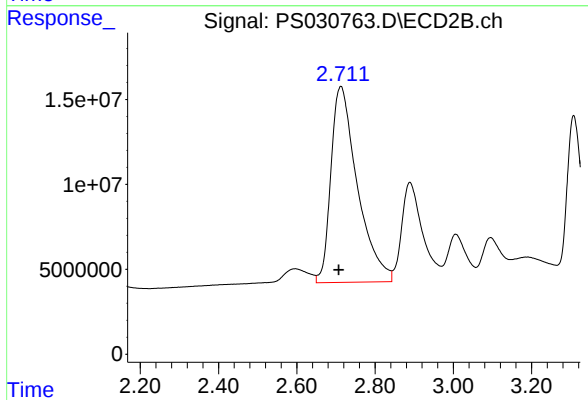
#1 Dalapon

R.T.: 2.709 min  
Delta R.T.: 0.001 min  
Response: 914186106  
Conc: 153.24 ng/ml

Instrument :  
ECD\_S  
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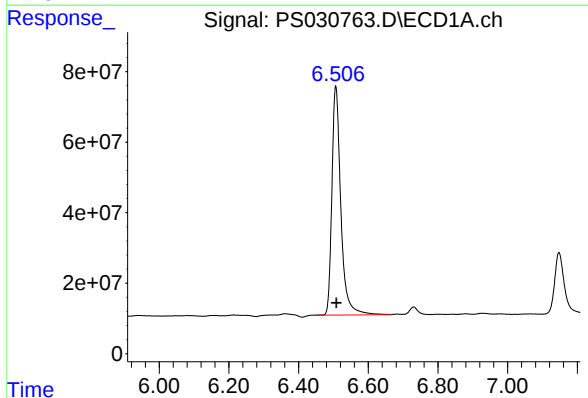
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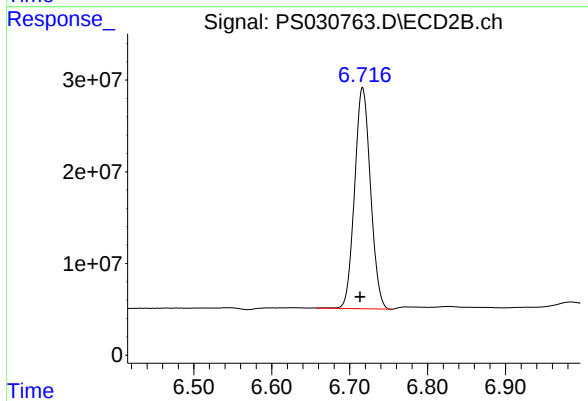
#1 Dalapon

R.T.: 2.713 min  
Delta R.T.: 0.005 min  
Response: 541591732  
Conc: 197.54 ng/ml



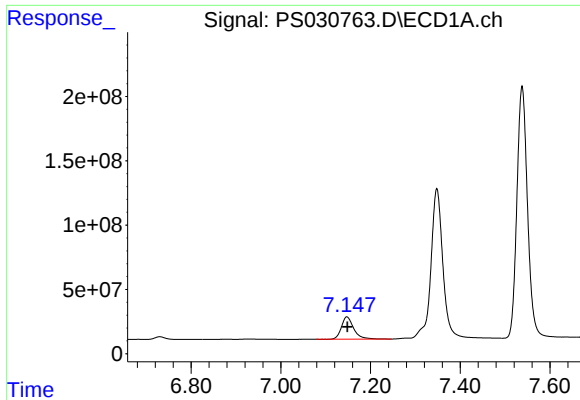
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.507 min  
Delta R.T.: -0.002 min  
Response: 1160924956  
Conc: 215.88 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.717 min  
Delta R.T.: 0.003 min  
Response: 341670194  
Conc: 211.80 ng/ml



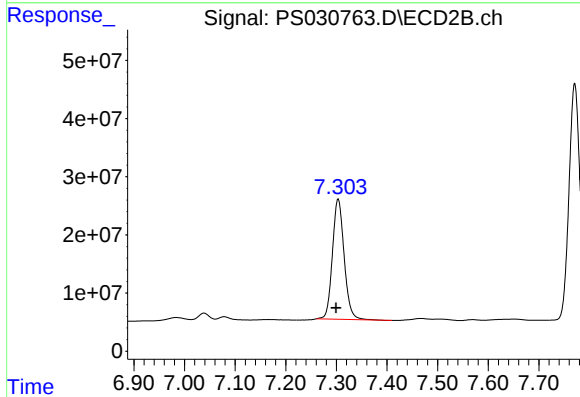
#3 4-Nitrophenol

R.T.: 7.147 min  
Delta R.T.: -0.001 min  
Response: 329315891  
Conc: 208.85 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

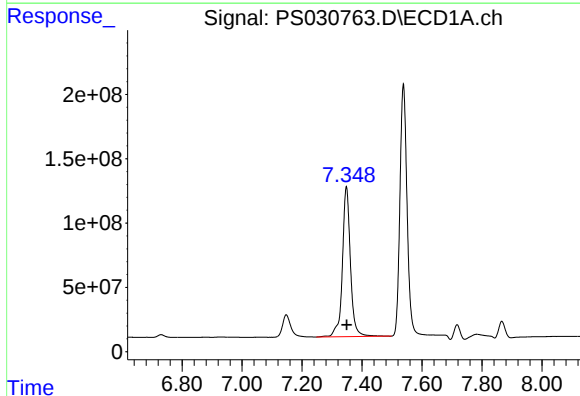
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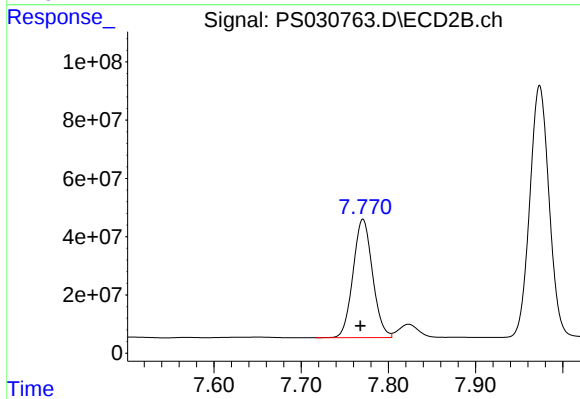
#3 4-Nitrophenol

R.T.: 7.304 min  
Delta R.T.: 0.004 min  
Response: 332813213  
Conc: 191.99 ng/ml



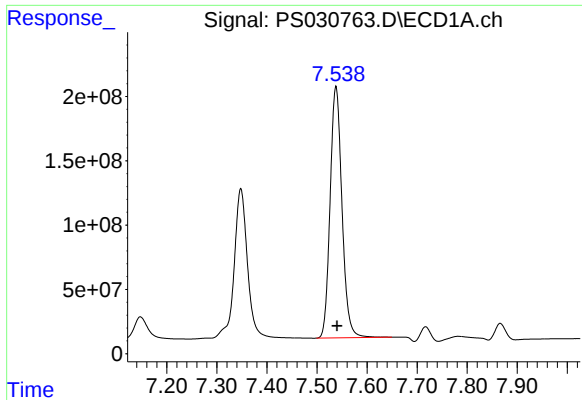
#4 2,4-DCAA

R.T.: 7.348 min  
Delta R.T.: -0.002 min  
Response: 2170758596  
Conc: 590.78 ng/ml



#4 2,4-DCAA

R.T.: 7.771 min  
Delta R.T.: 0.003 min  
Response: 630720314  
Conc: 588.38 ng/ml



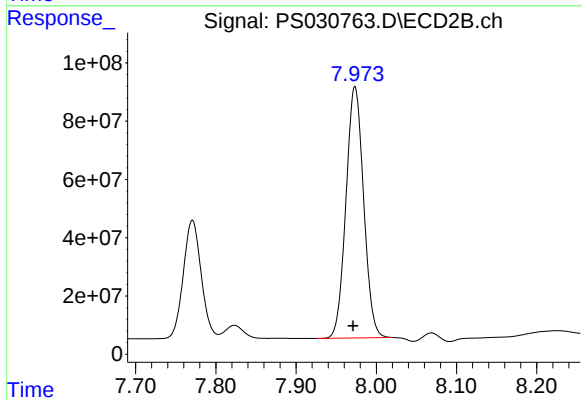
#5 DICAMBA

R.T.: 7.538 min  
Delta R.T.: -0.003 min  
Response: 3216579972  
Conc: 211.41 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

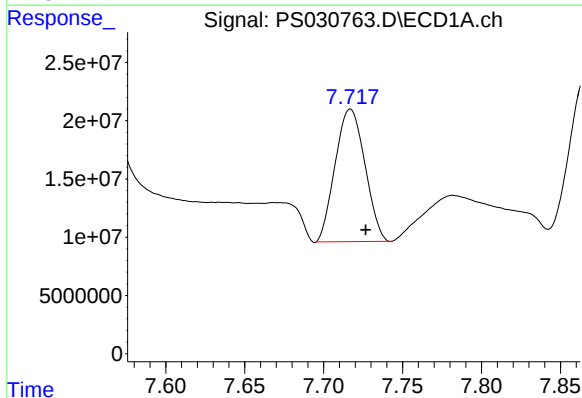
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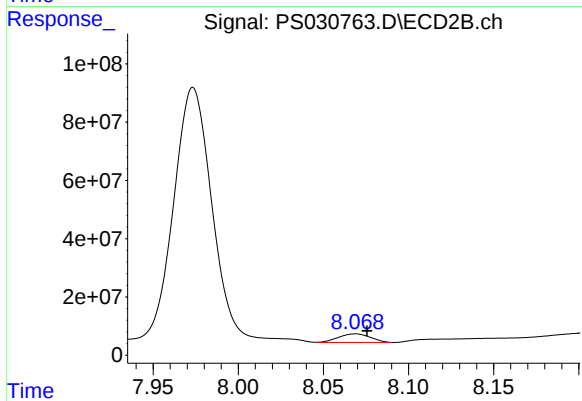
#5 DICAMBA

R.T.: 7.973 min  
Delta R.T.: 0.002 min  
Response: 1320992570  
Conc: 201.58 ng/ml



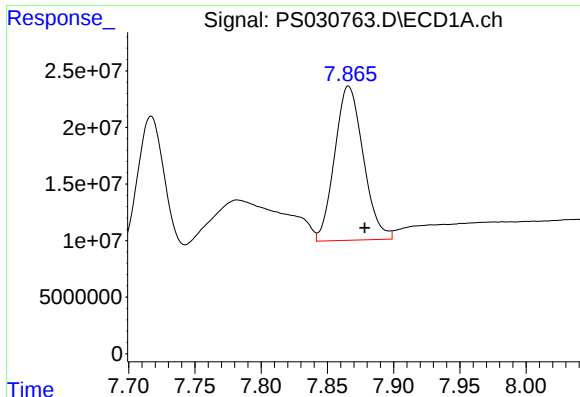
#6 MCP

R.T.: 7.717 min  
Delta R.T.: -0.010 min  
Response: 149340488  
Conc: 15.91 ug/ml



#6 MCP

R.T.: 8.068 min  
Delta R.T.: -0.007 min  
Response: 38811476  
Conc: 18.51 ug/ml m



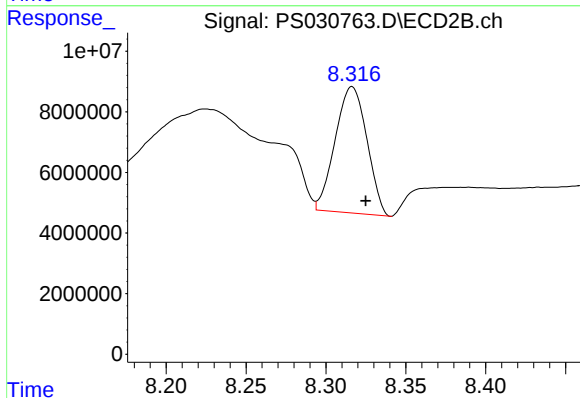
#7 MCPA

R.T.: 7.866 min  
Delta R.T.: -0.012 min  
Response: 204589370  
Conc: 17.44 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

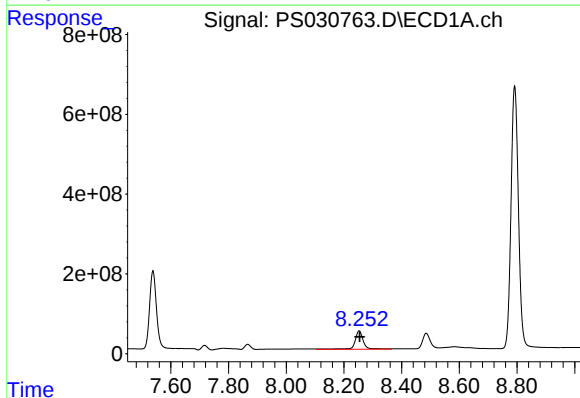
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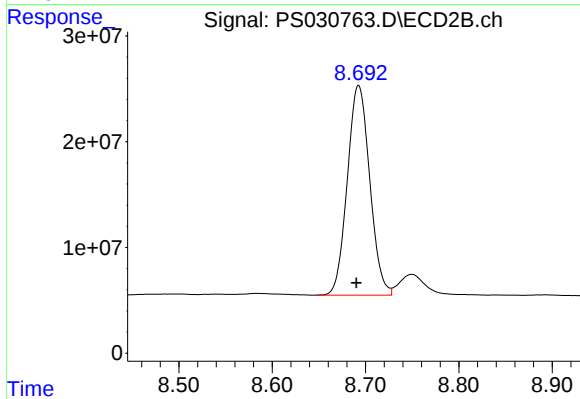
#7 MCPA

R.T.: 8.316 min  
Delta R.T.: -0.009 min  
Response: 57572209  
Conc: 18.30 ug/ml



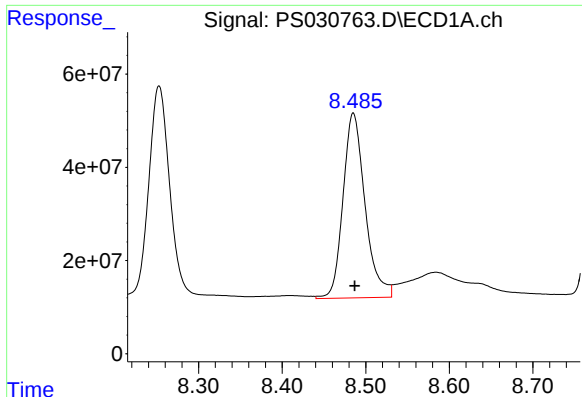
#8 DICHLORPROP

R.T.: 8.253 min  
Delta R.T.: -0.002 min  
Response: 942900544  
Conc: 251.72 ng/ml



#8 DICHLORPROP

R.T.: 8.693 min  
Delta R.T.: 0.003 min  
Response: 331586875  
Conc: 210.87 ng/ml



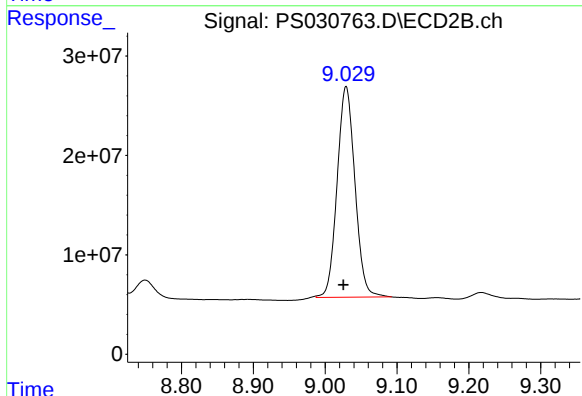
#9 2,4-D

R.T.: 8.485 min  
Delta R.T.: -0.002 min  
Response: 726953142  
Conc: 211.05 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

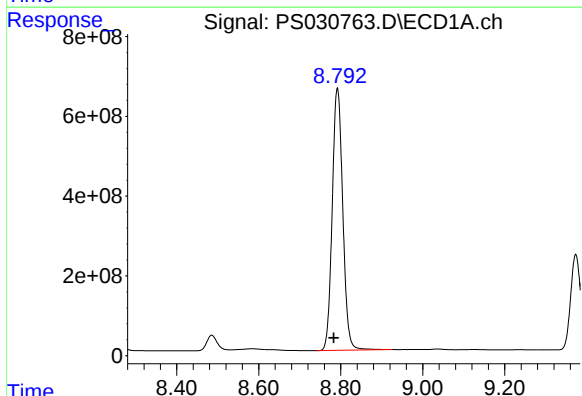
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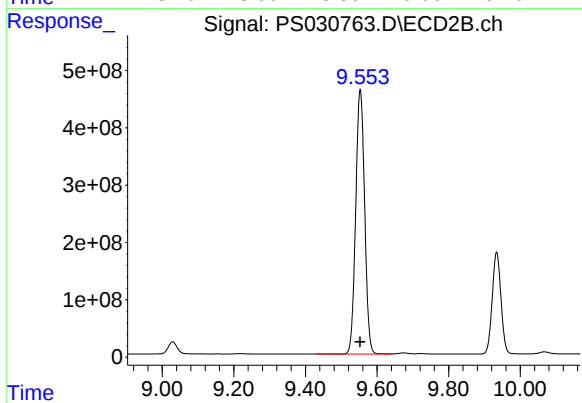
#9 2,4-D

R.T.: 9.029 min  
Delta R.T.: 0.003 min  
Response: 364919054  
Conc: 214.73 ng/ml m



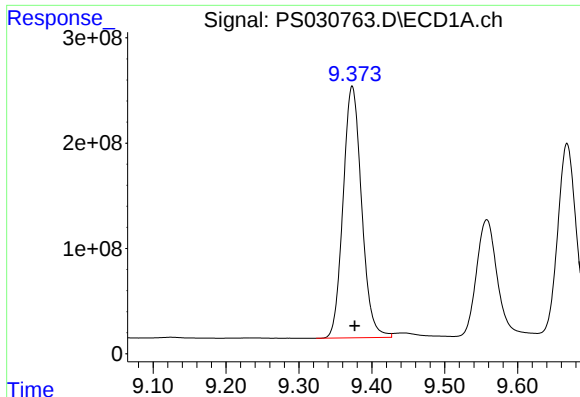
#10 Pentachlorophenol

R.T.: 8.792 min  
Delta R.T.: 0.009 min  
Response: 11749082774  
Conc: 221.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.553 min  
Delta R.T.: 0.000 min  
Response: 7995991632  
Conc: 209.75 ng/ml



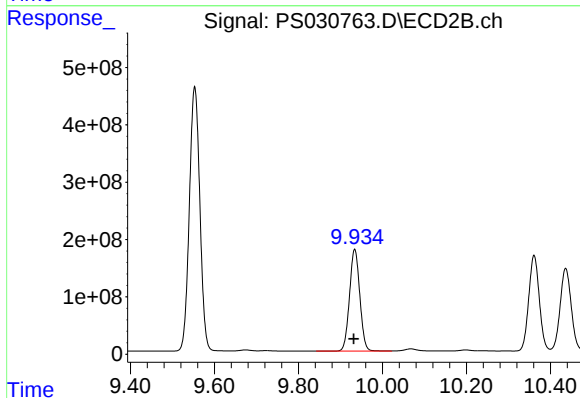
#11 2,4,5-TP (SILVEX)

R.T.: 9.373 min  
Delta R.T.: -0.003 min  
Response: 4217846716  
Conc: 210.57 ng/ml

Instrument :  
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LOQ-WATER-02-QT2-2025

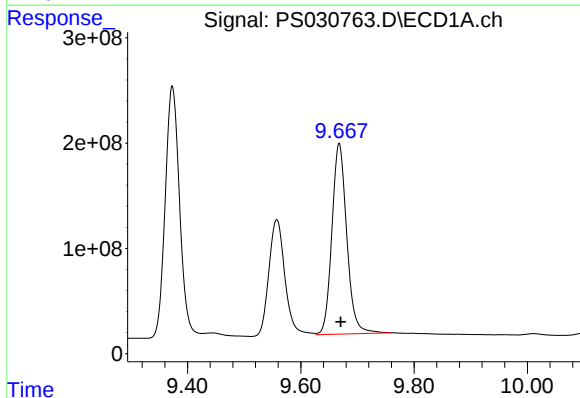
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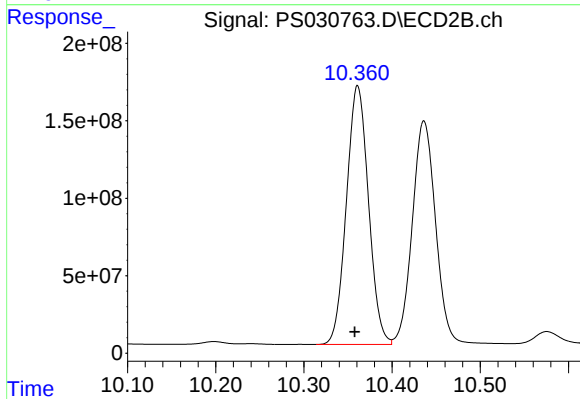
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min  
Delta R.T.: 0.002 min  
Response: 3007564218  
Conc: 208.44 ng/ml



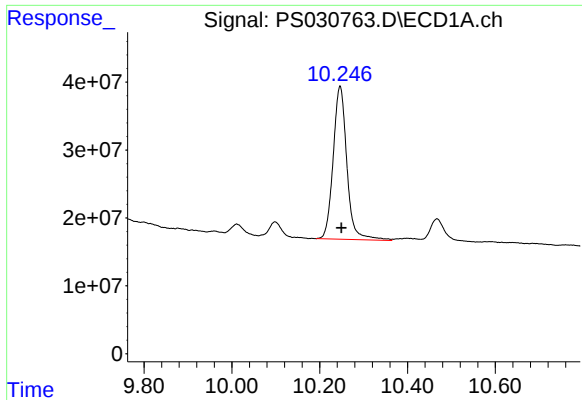
#12 2,4,5-T

R.T.: 9.668 min  
Delta R.T.: -0.002 min  
Response: 3298939730  
Conc: 200.51 ng/ml



#12 2,4,5-T

R.T.: 10.361 min  
Delta R.T.: 0.003 min  
Response: 2909084649  
Conc: 212.89 ng/ml



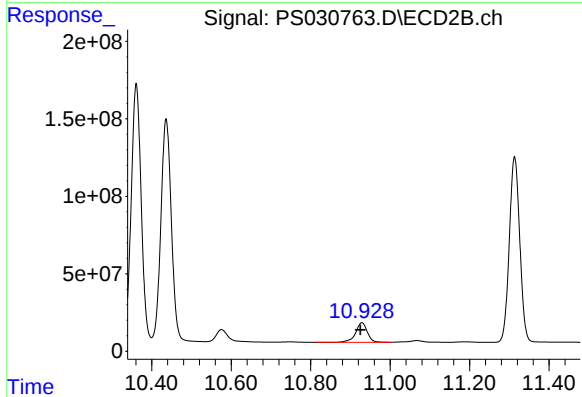
#13 2,4-DB

R.T.: 10.246 min  
Delta R.T.: -0.003 min  
Response: 488001575  
Conc: 212.78 ng/ml

Instrument :  
ECD\_S  
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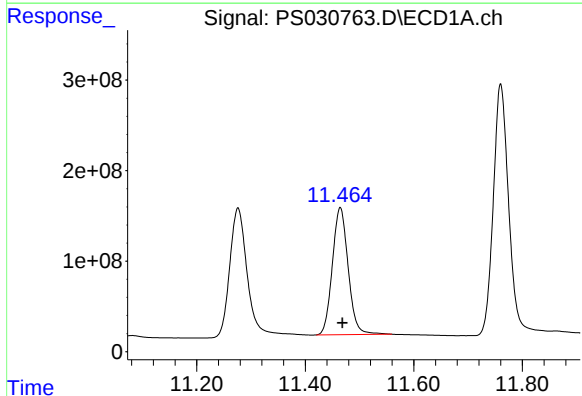
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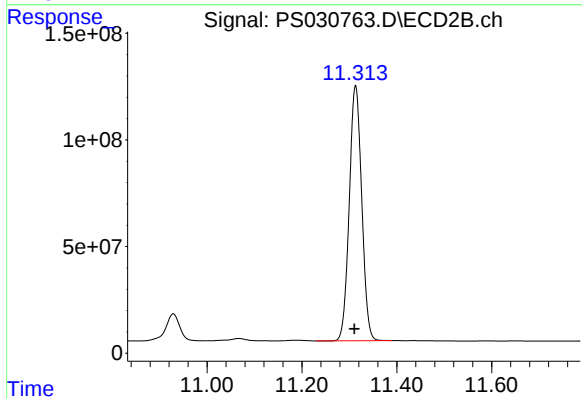
#13 2,4-DB

R.T.: 10.929 min  
Delta R.T.: 0.004 min  
Response: 256313634  
Conc: 216.68 ng/ml



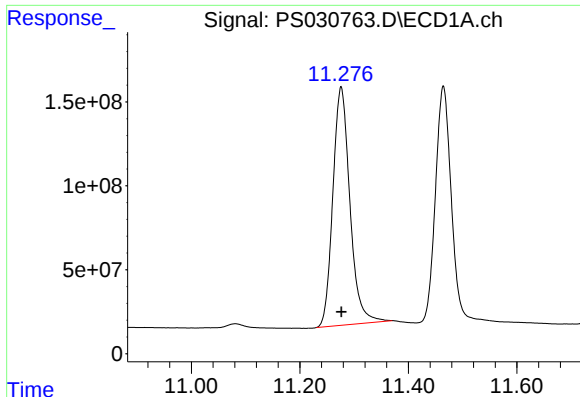
#14 DINOSEB

R.T.: 11.464 min  
Delta R.T.: -0.004 min  
Response: 2842012032  
Conc: 204.86 ng/ml



#14 DINOSEB

R.T.: 11.313 min  
Delta R.T.: 0.002 min  
Response: 2177372686  
Conc: 201.96 ng/ml



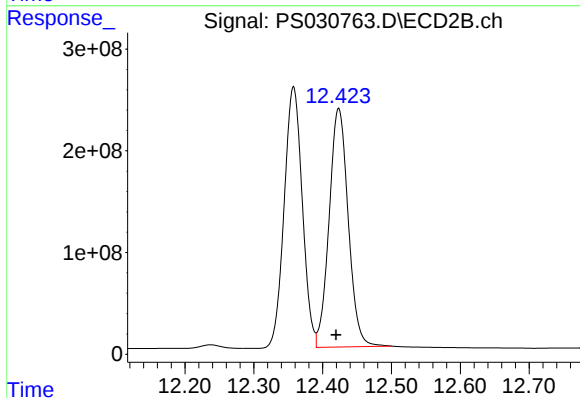
#15 Picloram

R.T.: 11.276 min  
Delta R.T.: 0.000 min  
Response: 3097237545  
Conc: 192.66 ng/ml

Instrument :  
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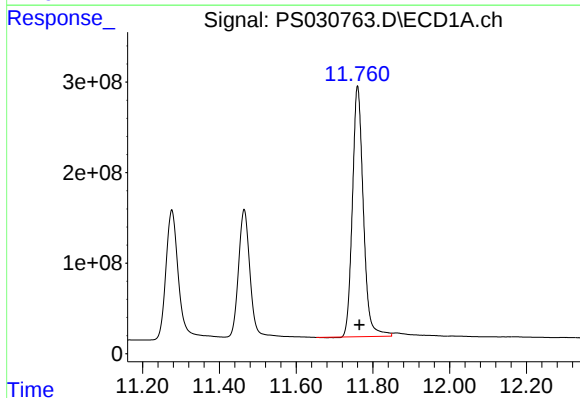
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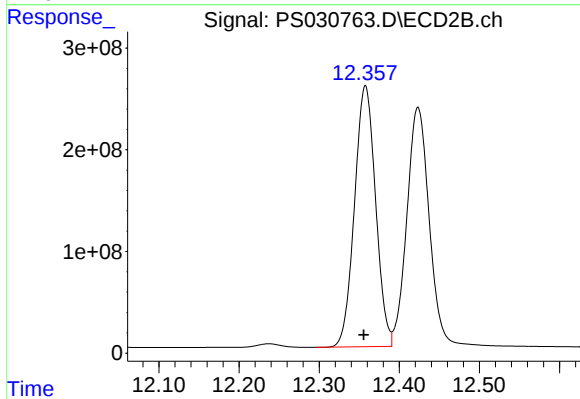
#15 Picloram

R.T.: 12.423 min  
Delta R.T.: 0.004 min  
Response: 4518394784  
Conc: 194.41 ng/ml



#16 DCPA

R.T.: 11.760 min  
Delta R.T.: -0.005 min  
Response: 5468610993  
Conc: 213.48 ng/ml



#16 DCPA

R.T.: 12.358 min  
Delta R.T.: 0.002 min  
Response: 4689812390  
Conc: 212.76 ng/ml