

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS040623\  
 Data File : PS022617.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Apr 2023 00:01  
 Operator : AR\AJ  
 Sample : 02213-07  
 Misc : LOD WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/07/2023  
 Supervised By :Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 07 08:26:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS032023.M  
 Quant Title : 8080.M  
 QLast Update : Mon Mar 20 15:46:44 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2  
 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     | 6.299  | 6.721  | 1136.5E6 | 1151.6E6 | 464.923 | 559.134   |
| Target Compounds            |              |        |        |          |          |         |           |
| 1) T                        | Dalapon      | 2.404  | 2.477  | 251.6E6  | 418.6E6  | 80.688m | 128.260m# |
| 2) T                        | 3,5-DICHL... | 5.684  | 5.928  | 468.9E6  | 428.4E6  | 125.925 | 134.336   |
| 3) T                        | 4-Nitroph... | 6.168  | 6.371  | 106.5E6  | 111.0E6  | 77.710m | 79.079    |
| 5) T                        | DICAMBA      | 6.434  | 6.878  | 1265.6E6 | 1251.4E6 | 123.111 | 126.857   |
| 6) T                        | MCP          | 6.576  | 6.967  | 86923048 | 96118287 | 11.434m | 12.348    |
| 7) T                        | MCPA         | 6.696  | 7.175  | 110.1E6  | 157.1E6  | 10.544m | 14.958 #  |
| 8) T                        | DICHLORPROP  | 7.021  | 7.502  | 353.5E6  | 394.7E6  | 133.399 | 158.503   |
| 9) T                        | 2,4-D        | 7.243  | 7.802  | 376.7E6  | 443.0E6  | 114.885 | 149.731 # |
| 10) T                       | Pentachlo... | 7.438  | 8.205  | 5438.6E6 | 5377.9E6 | 154.570 | 163.838   |
| 11) T                       | 2,4,5-TP ... | 7.966  | 8.568  | 2232.4E6 | 2284.8E6 | 149.346 | 167.728   |
| 12) T                       | 2,4,5-T      | 8.232  | 8.952  | 2332.5E6 | 1782.0E6 | 142.039 | 141.656   |
| 13) T                       | 2,4-DB       | 8.743  | 9.458  | 365.5E6  | 233.5E6  | 121.214 | 139.036   |
| 14) T                       | DINOSEB      | 9.769  | 9.771  | 2218.2E6 | 1374.2E6 | 171.159 | 143.275   |
| 15) T                       | Picloram     | 9.586  | 10.763 | 194.7E6  | 2300.0E6 | 7.845   | 114.618 # |
| 16) T                       | DCPA         | 10.034 | 10.694 | 3308.7E6 | 2392.4E6 | 160.413 | 150.824   |
| -----                       |              |        |        |          |          |         |           |

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

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ALS Vial : 14 Sample Multiplier: 1

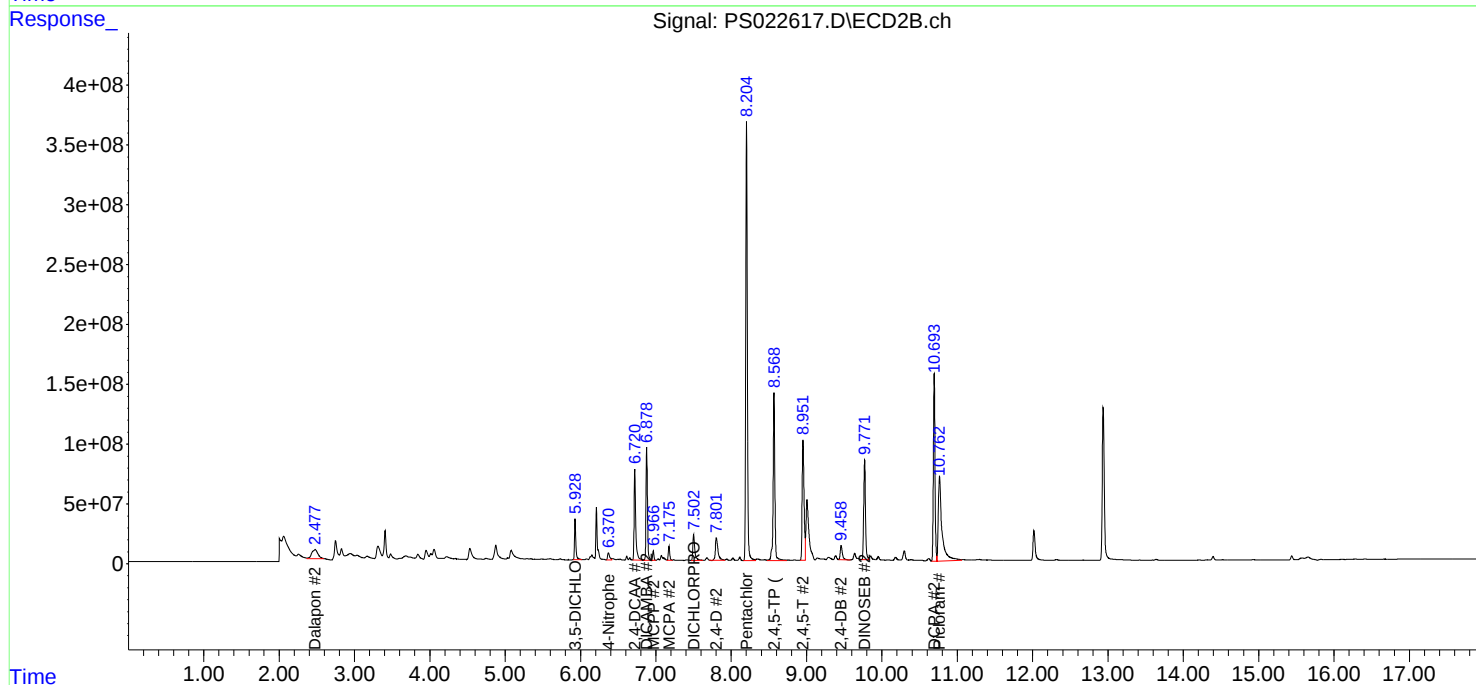
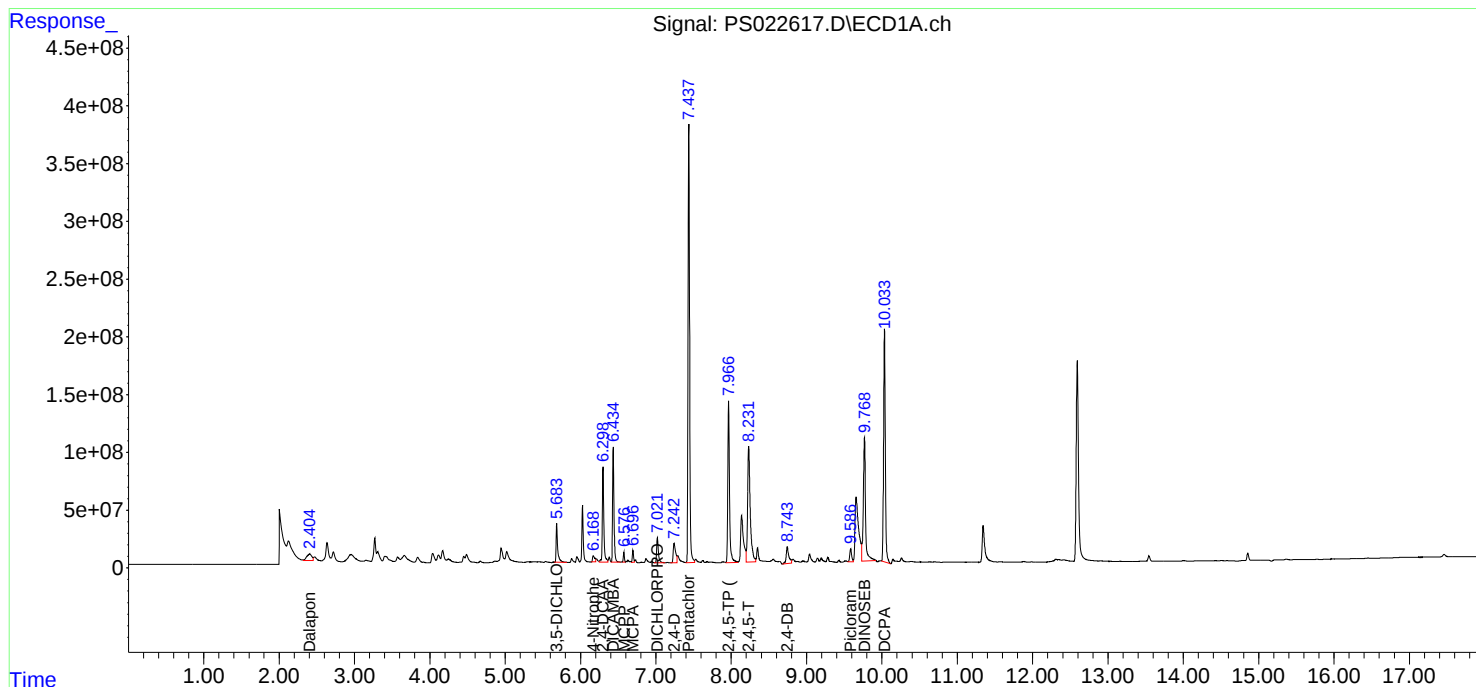
Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2023

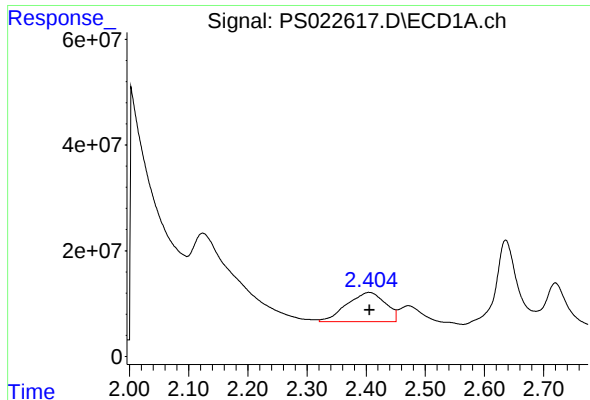
Manual Integrations  
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Integration File signal 1: autoint1.e  
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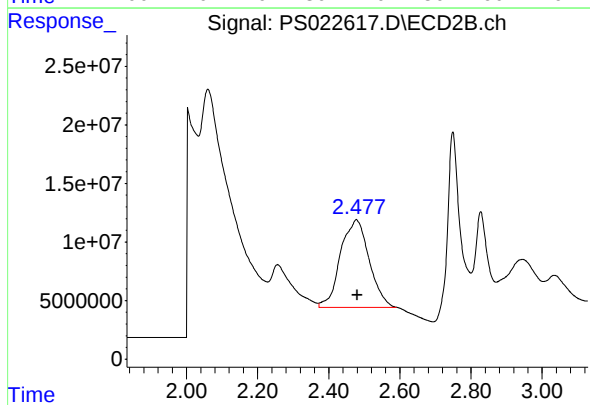
#1 Dalapon

R.T.: 2.404 min  
Delta R.T.: -0.002 min  
Response: 251633093  
Conc: 80.69 ng/ml

Instrument :  
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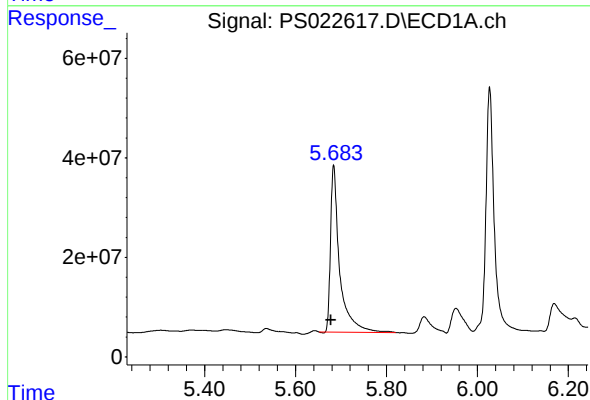
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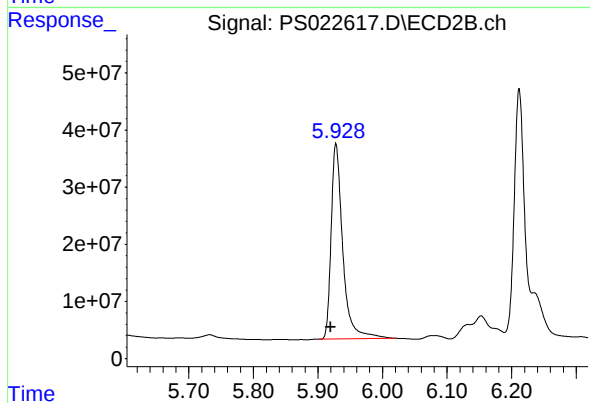
#1 Dalapon

R.T.: 2.477 min  
Delta R.T.: -0.002 min  
Response: 418578060  
Conc: 128.26 ng/ml



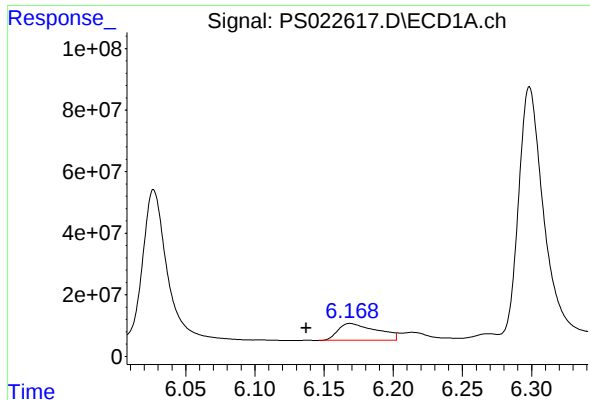
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.684 min  
Delta R.T.: 0.007 min  
Response: 468860019  
Conc: 125.93 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.928 min  
Delta R.T.: 0.008 min  
Response: 428390330  
Conc: 134.34 ng/ml



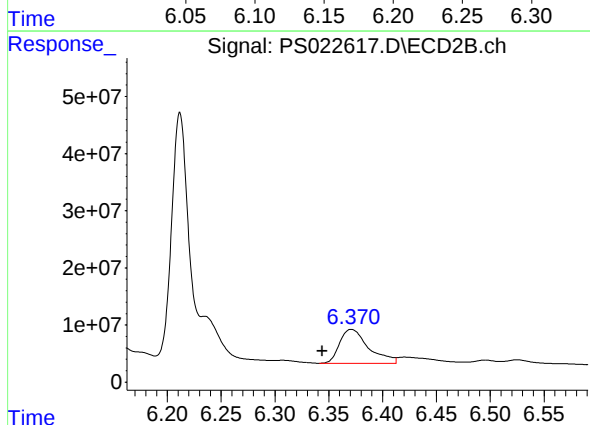
#3 4-Nitrophenol

R.T.: 6.168 min  
Delta R.T.: 0.031 min  
Response: 106475934  
Conc: 77.71 ng/ml

Instrument :  
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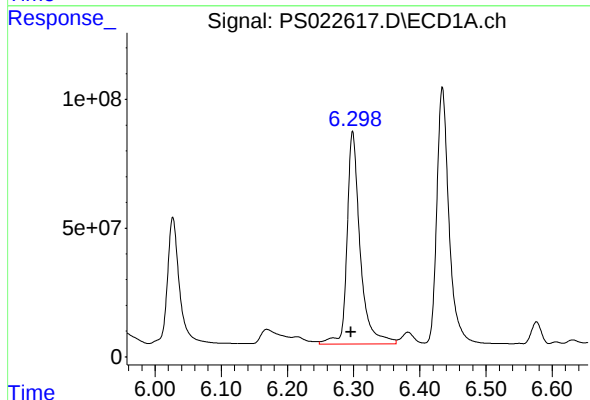
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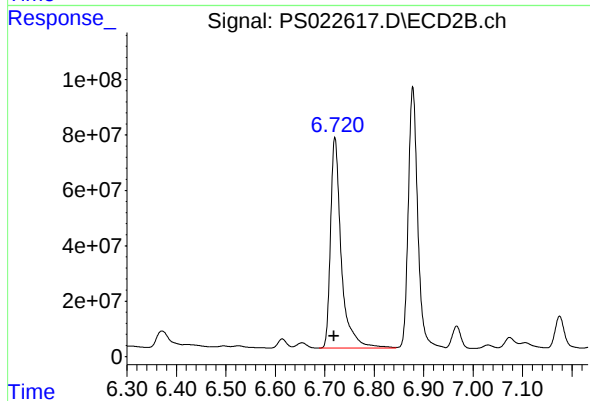
#3 4-Nitrophenol

R.T.: 6.371 min  
Delta R.T.: 0.027 min  
Response: 111025594  
Conc: 79.08 ng/ml



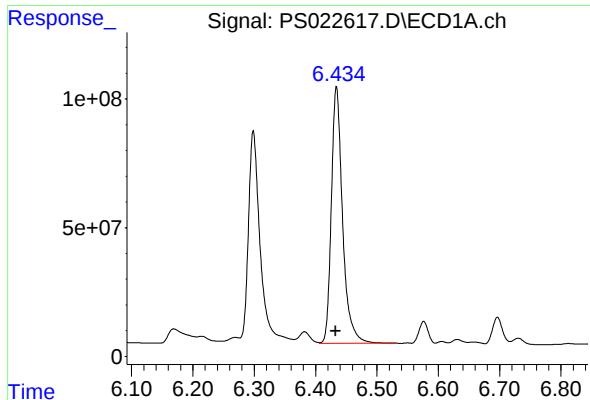
#4 2,4-DCAA

R.T.: 6.299 min  
Delta R.T.: 0.003 min  
Response: 1136450590  
Conc: 464.92 ng/ml



#4 2,4-DCAA

R.T.: 6.721 min  
Delta R.T.: 0.001 min  
Response: 1151640631  
Conc: 559.13 ng/ml



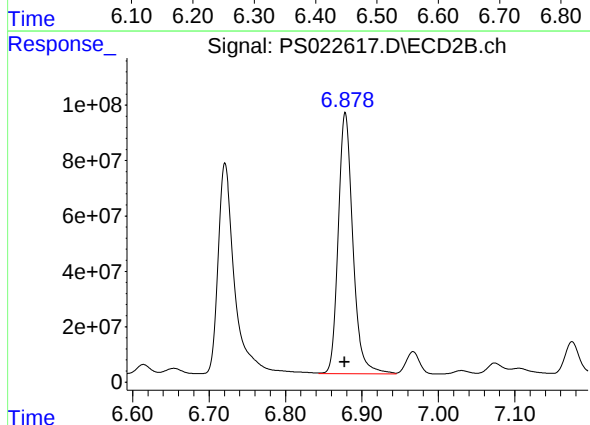
#5 DICAMBA

R.T.: 6.434 min  
Delta R.T.: 0.001 min  
Response: 1265611617  
Conc: 123.11 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2023

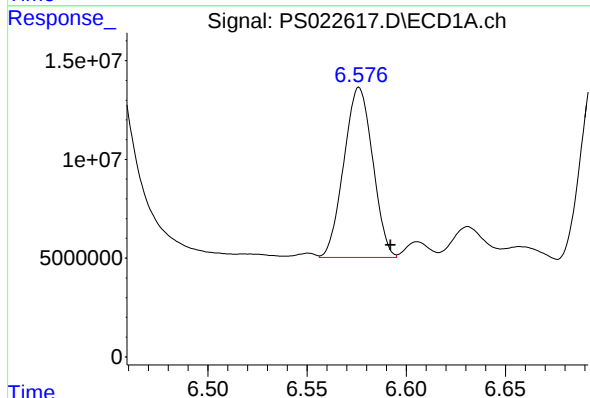
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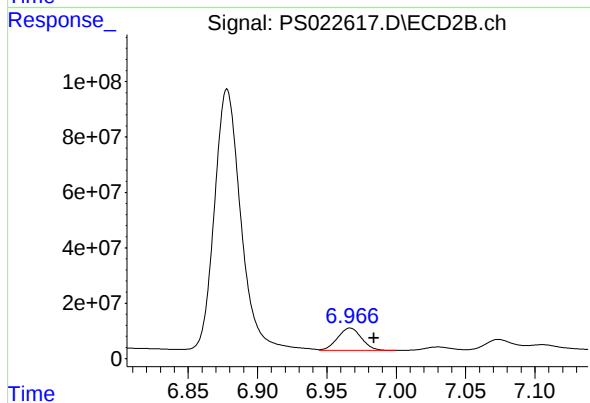
#5 DICAMBA

R.T.: 6.878 min  
Delta R.T.: 0.000 min  
Response: 1251437241  
Conc: 126.86 ng/ml



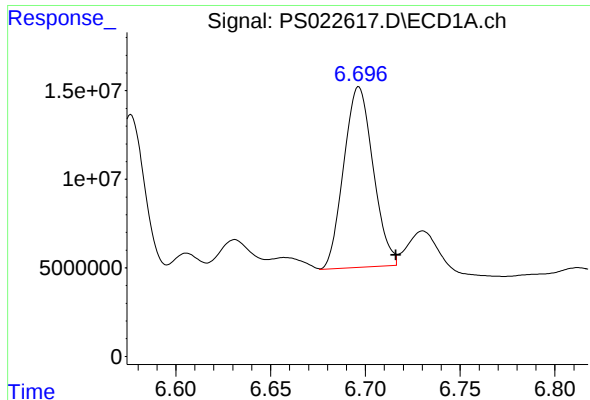
#6 MCP

R.T.: 6.576 min  
Delta R.T.: -0.016 min  
Response: 86923048  
Conc: 11.43 ug/ml m



#6 MCP

R.T.: 6.967 min  
Delta R.T.: -0.017 min  
Response: 96118287  
Conc: 12.35 ug/ml



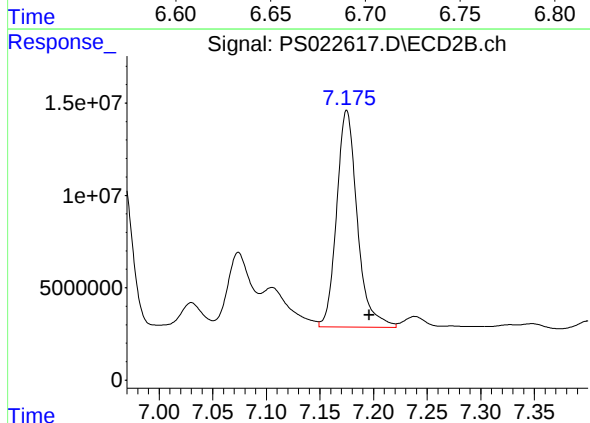
#7 MCPA

R.T.: 6.696 min  
Delta R.T.: -0.020 min  
Response: 110053406  
Conc: 10.54 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2023

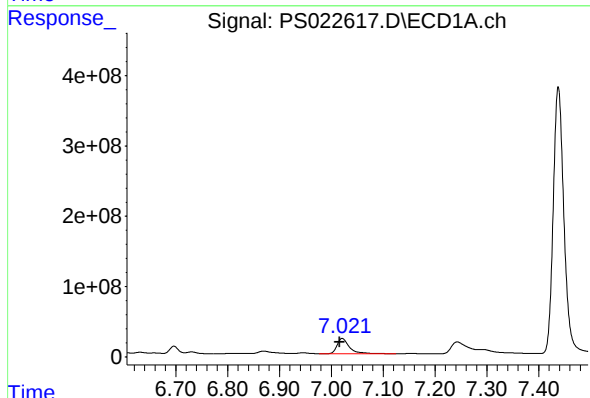
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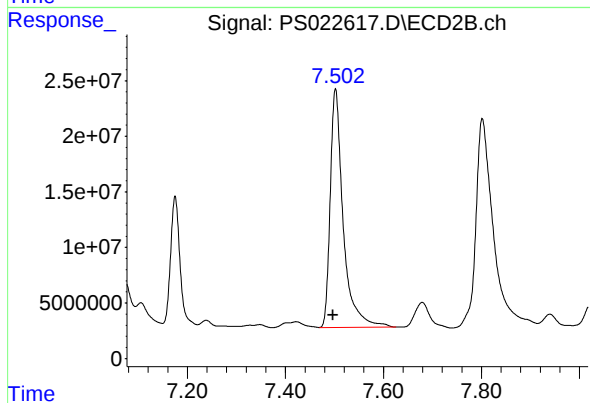
#7 MCPA

R.T.: 7.175 min  
Delta R.T.: -0.021 min  
Response: 157149374  
Conc: 14.96 ug/ml



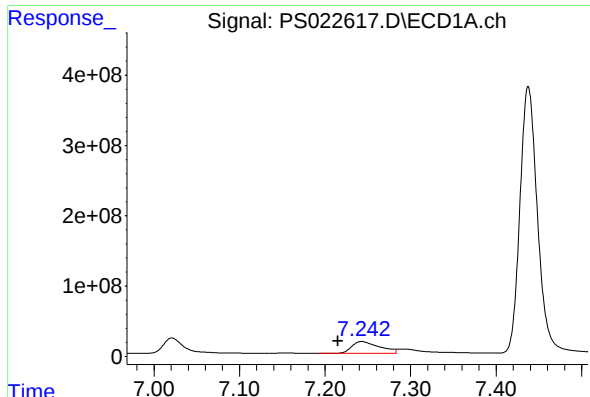
#8 DICHLORPROP

R.T.: 7.021 min  
Delta R.T.: 0.005 min  
Response: 353545868  
Conc: 133.40 ng/ml



#8 DICHLORPROP

R.T.: 7.502 min  
Delta R.T.: 0.005 min  
Response: 394675877  
Conc: 158.50 ng/ml



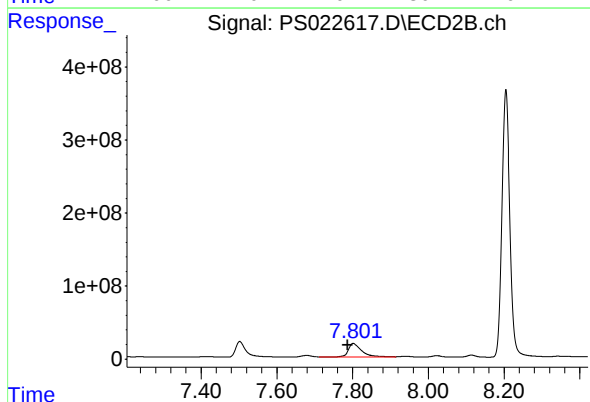
#9 2,4-D

R.T.: 7.243 min  
Delta R.T.: 0.028 min  
Response: 376707840  
Conc: 114.88 ng/ml

Instrument :  
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LOD-MDL-WATER-01-QT2-2023

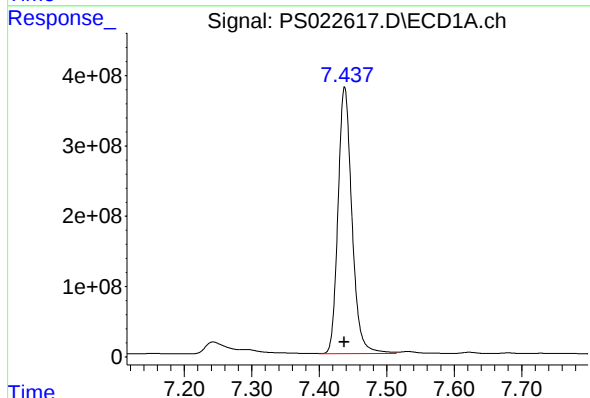
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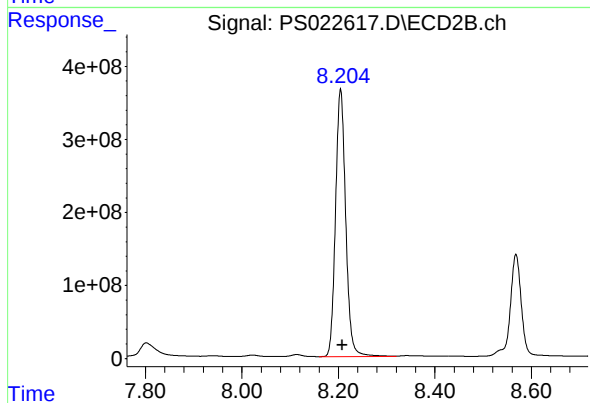
#9 2,4-D

R.T.: 7.802 min  
Delta R.T.: 0.015 min  
Response: 442976445  
Conc: 149.73 ng/ml



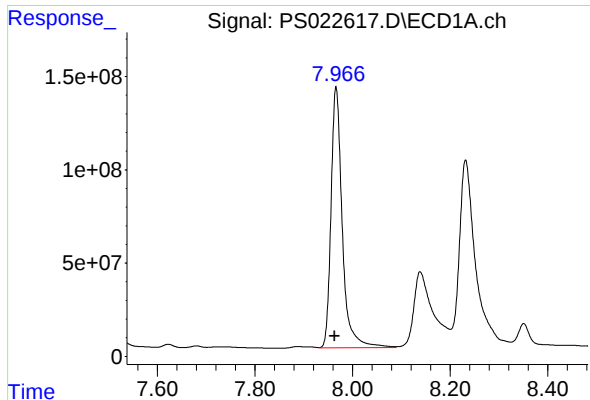
#10 Pentachlorophenol

R.T.: 7.438 min  
Delta R.T.: 0.000 min  
Response: 5438584220  
Conc: 154.57 ng/ml



#10 Pentachlorophenol

R.T.: 8.205 min  
Delta R.T.: -0.004 min  
Response: 5377856375  
Conc: 163.84 ng/ml



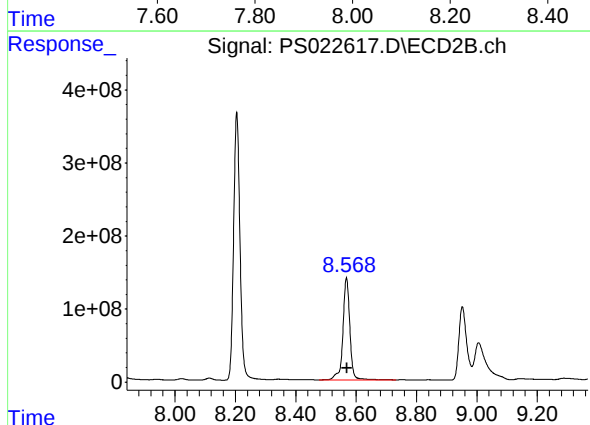
#11 2,4,5-TP (SILVEX)

R.T.: 7.966 min  
Delta R.T.: 0.003 min  
Response: 2232352673  
Conc: 149.35 ng/ml

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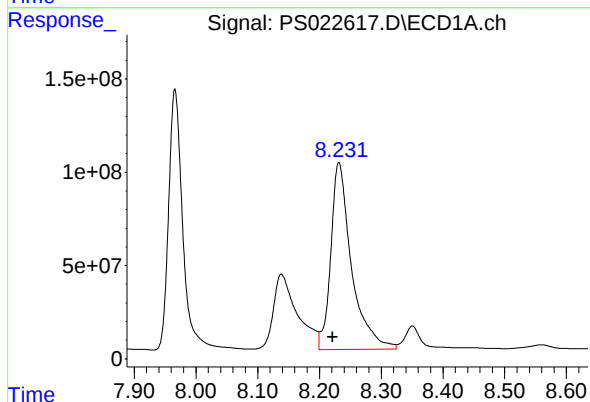
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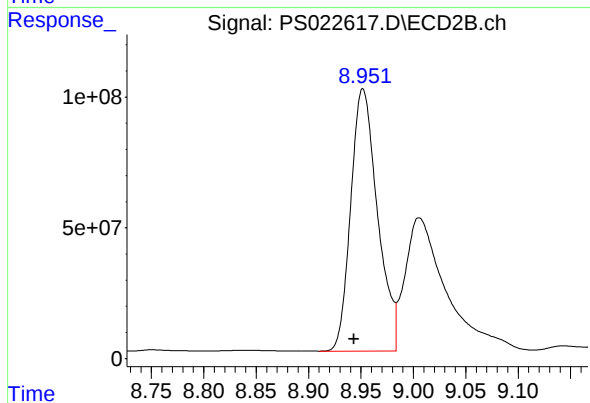
#11 2,4,5-TP (SILVEX)

R.T.: 8.568 min  
Delta R.T.: -0.001 min  
Response: 2284764853  
Conc: 167.73 ng/ml



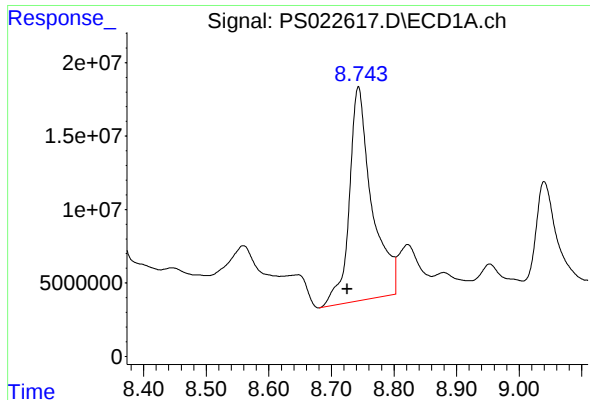
#12 2,4,5-T

R.T.: 8.232 min  
Delta R.T.: 0.011 min  
Response: 2332453218  
Conc: 142.04 ng/ml



#12 2,4,5-T

R.T.: 8.952 min  
Delta R.T.: 0.009 min  
Response: 1782009596  
Conc: 141.66 ng/ml



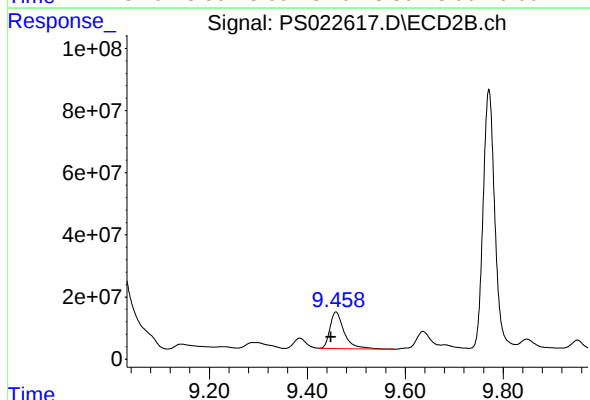
#13 2,4-DB

R.T.: 8.743 min  
Delta R.T.: 0.018 min  
Response: 365496127  
Conc: 121.21 ng/ml

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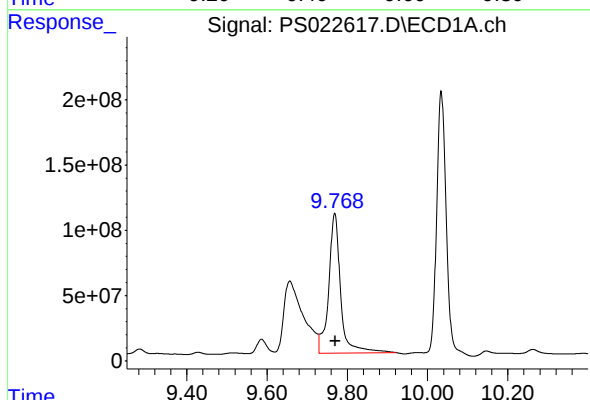
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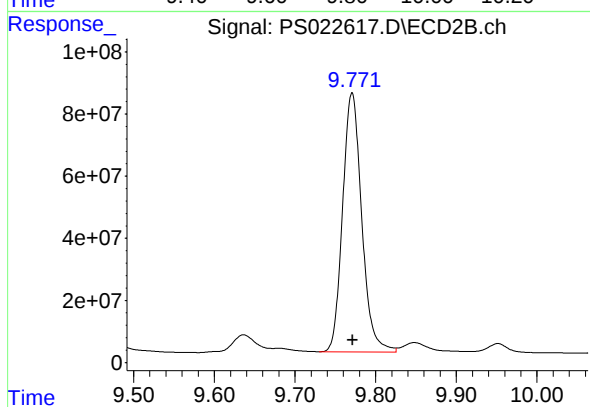
#13 2,4-DB

R.T.: 9.458 min  
Delta R.T.: 0.010 min  
Response: 233483500  
Conc: 139.04 ng/ml



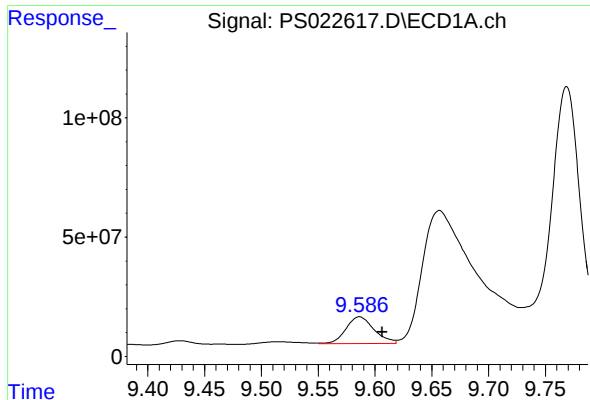
#14 DINOSEB

R.T.: 9.769 min  
Delta R.T.: -0.001 min  
Response: 2218174719  
Conc: 171.16 ng/ml



#14 DINOSEB

R.T.: 9.771 min  
Delta R.T.: 0.000 min  
Response: 1374180183  
Conc: 143.28 ng/ml



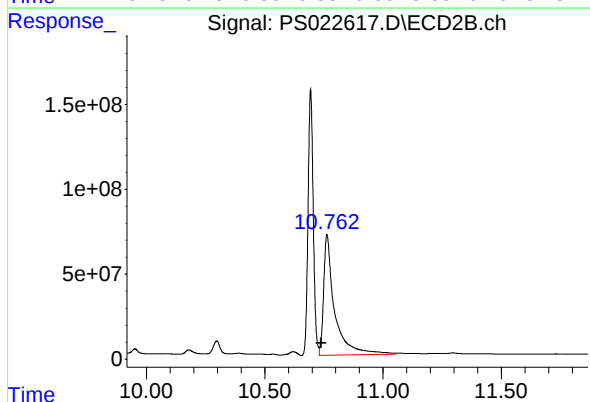
#15 Picloram

R.T.: 9.586 min  
Delta R.T.: -0.020 min  
Response: 194724539  
Conc: 7.85 ng/ml

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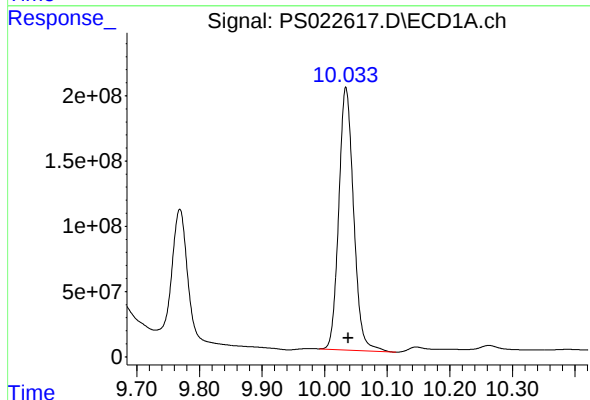
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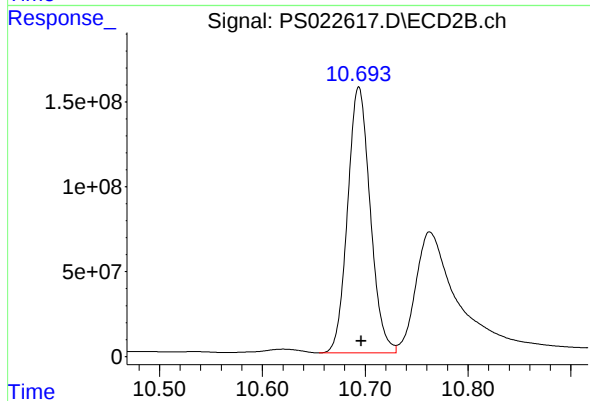
#15 Picloram

R.T.: 10.763 min  
Delta R.T.: 0.024 min  
Response: 2300042715  
Conc: 114.62 ng/ml



#16 DCPA

R.T.: 10.034 min  
Delta R.T.: -0.004 min  
Response: 3308735744  
Conc: 160.41 ng/ml



#16 DCPA

R.T.: 10.694 min  
Delta R.T.: -0.002 min  
Response: 2392404690  
Conc: 150.82 ng/ml