

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS050824\  
 Data File : PS026693.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 May 2024 05:35  
 Operator : AR\AJ  
 Sample : P2403-08  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2024

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/09/2024  
 Supervised By :Ankita Jodhani 05/09/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 09 06:45:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS050624.M  
 Quant Title : 8080.M  
 QLast Update : Mon May 06 13:55:47 2024  
 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     | 7.272  | 7.780  | 1449.5E6 | 896.6E6  | 582.846  | 537.696m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.657  | 2.710  | 489.9E6  | 489.6E6  | 133.957m | 167.004m  |
| 2) T                        | 3,5-DICHL... | 6.438  | 6.727  | 665.9E6  | 481.5E6  | 193.606  | 196.842   |
| 3) T                        | 4-Nitroph... | 7.073  | 7.306  | 308.3E6  | 204.2E6  | 191.340  | 179.550m  |
| 5) T                        | DICAMBA      | 7.460  | 7.981  | 1901.9E6 | 1372.4E6 | 185.448  | 185.359   |
| 6) T                        | MCPD         | 7.637  | 8.080  | 123.5E6  | 88757937 | 16.621m  | 17.267    |
| 7) T                        | MCPA         | 7.786  | 8.323  | 196.7E6  | 147.1E6  | 17.771   | 19.673    |
| 8) T                        | DICHLORPROP  | 8.166  | 8.698  | 625.8E6  | 388.7E6  | 208.813  | 202.577   |
| 9) T                        | 2,4-D        | 8.396  | 9.028  | 767.0E6  | 479.5E6  | 233.010  | 232.721   |
| 10) T                       | Pentachlo... | 8.694  | 9.560  | 8584.4E6 | 5866.6E6 | 209.634  | 214.657   |
| 11) T                       | 2,4,5-TP ... | 9.273  | 9.935  | 3495.4E6 | 2462.2E6 | 210.009  | 223.128m  |
| 12) T                       | 2,4,5-T      | 9.566  | 10.355 | 3324.5E6 | 2273.5E6 | 195.067  | 209.882   |
| 13) T                       | 2,4-DB       | 10.140 | 10.944 | 444.0E6  | 239.6E6  | 187.285m | 176.233m  |
| 14) T                       | DINOSEB      | 11.350 | 11.299 | 2119.4E6 | 1642.5E6 | 206.412m | 239.113m  |
| 15) T                       | Picloram     | 11.158 | 12.397 | 3863.7E6 | 2807.6E6 | 172.972m | 175.195   |
| 16) T                       | DCPA         | 11.642 | 12.343 | 3100.9E6 | 2944.5E6 | 164.714  | 222.702m# |
| -----                       |              |        |        |          |          |          |           |

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

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Acq On : 09 May 2024 05:35  
Operator : AR\AJ  
Sample : P2403-08  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

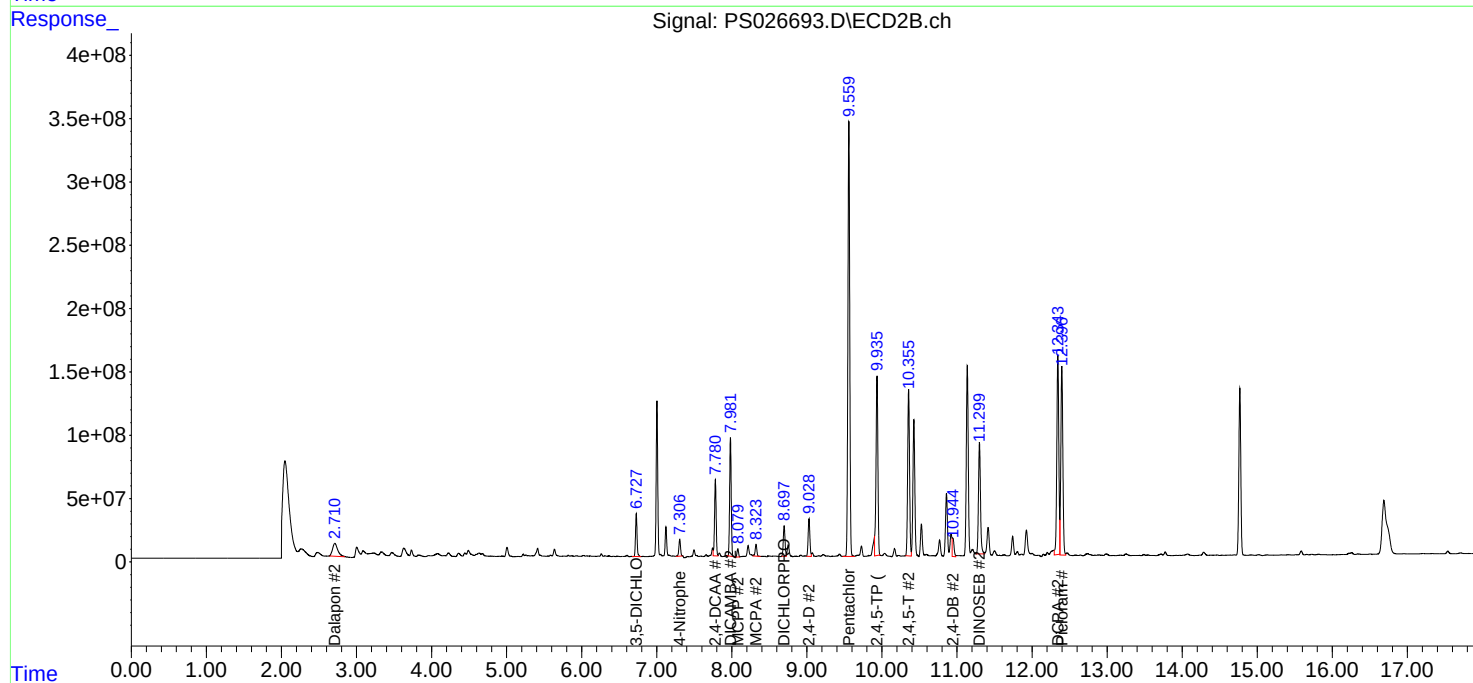
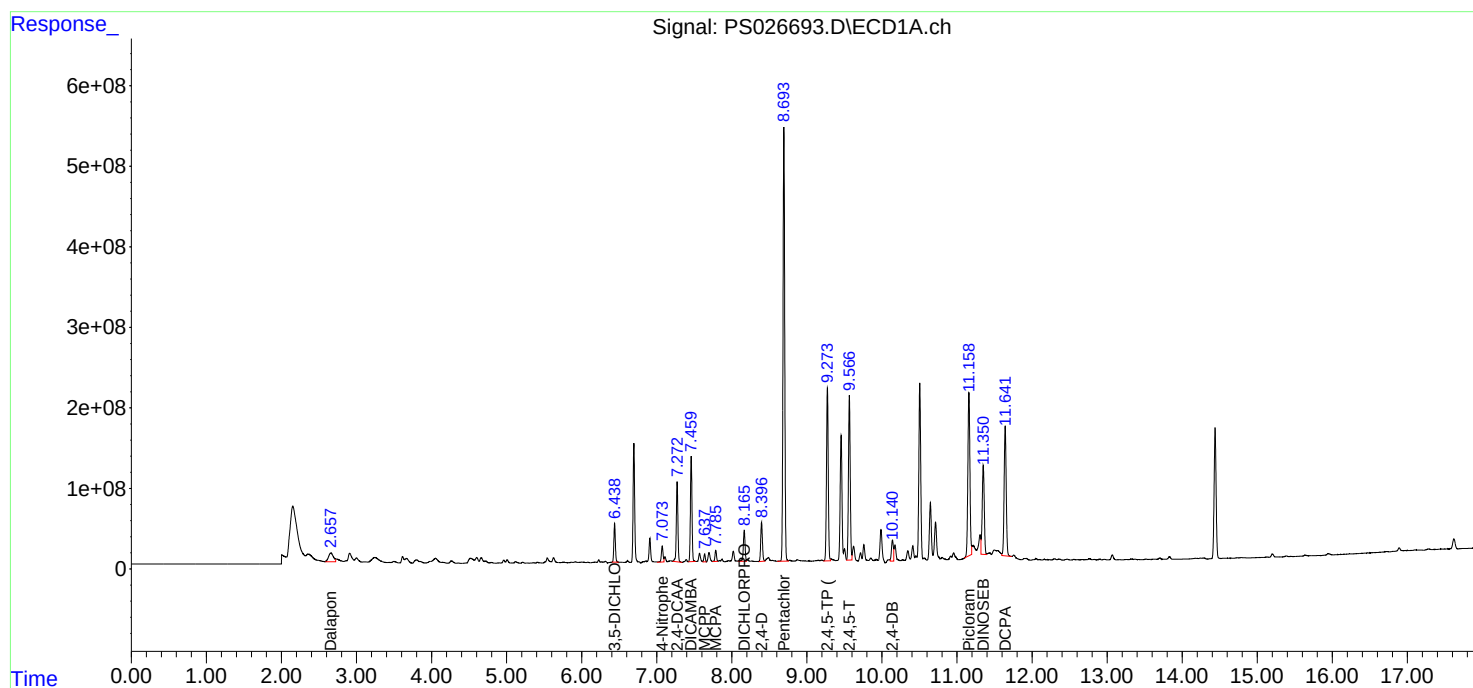
Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-WATER-02-QT2-2024

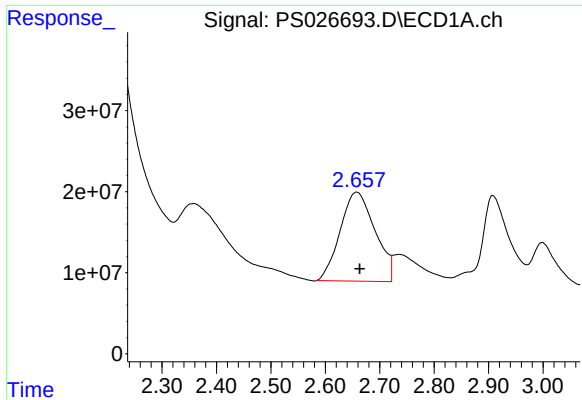
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS050624.M  
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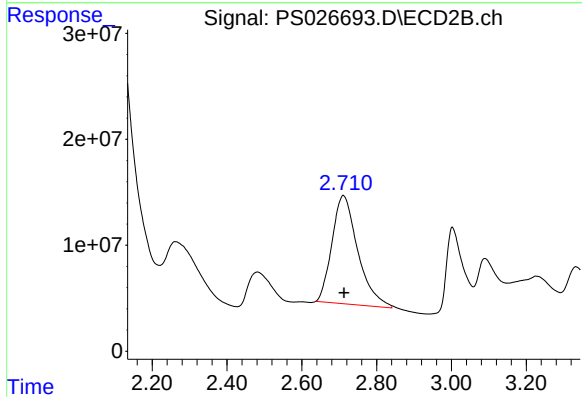
#1 Dalapon

R.T.: 2.657 min  
Delta R.T.: -0.006 min  
Response: 489917838  
Conc: 133.96 ng/ml

Instrument :  
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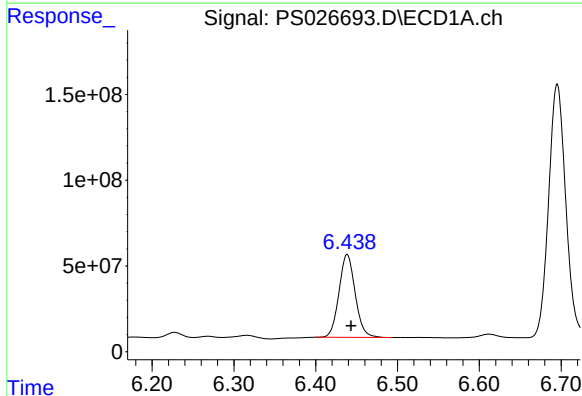
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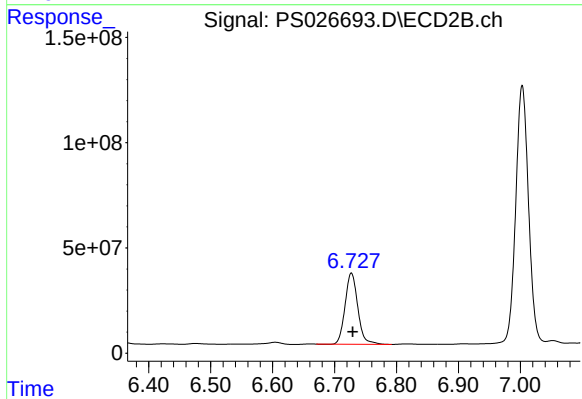
#1 Dalapon

R.T.: 2.710 min  
Delta R.T.: -0.003 min  
Response: 489614362  
Conc: 167.00 ng/ml m



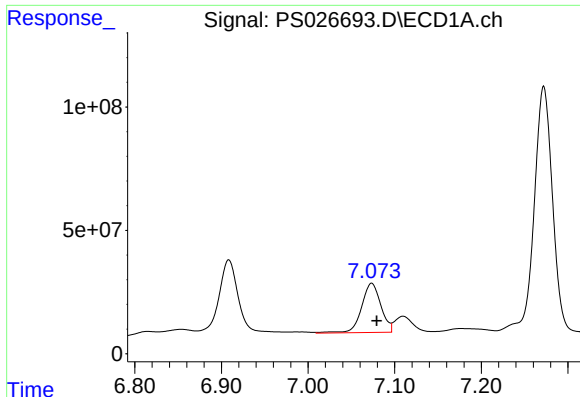
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.438 min  
Delta R.T.: -0.005 min  
Response: 665886534  
Conc: 193.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.727 min  
Delta R.T.: -0.002 min  
Response: 481545539  
Conc: 196.84 ng/ml



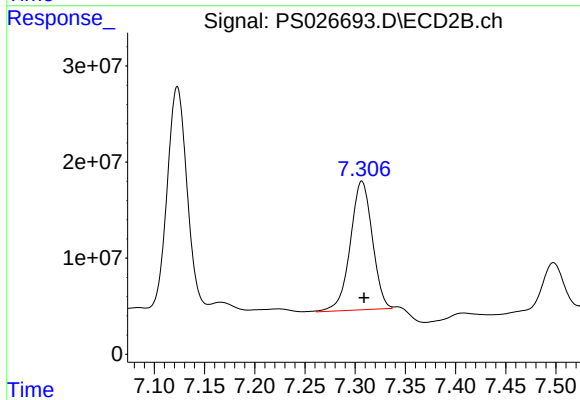
#3 4-Nitrophenol

R.T.: 7.073 min  
Delta R.T.: -0.006 min  
Response: 308277510  
Conc: 191.34 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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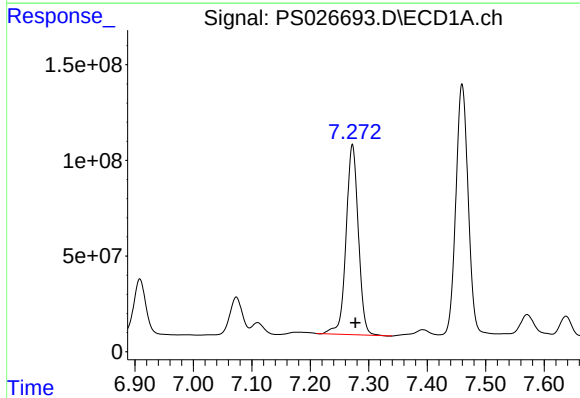
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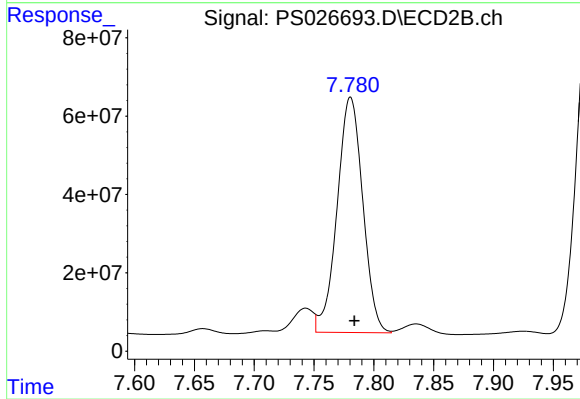
#3 4-Nitrophenol

R.T.: 7.306 min  
Delta R.T.: -0.003 min  
Response: 204195052  
Conc: 179.55 ng/ml m



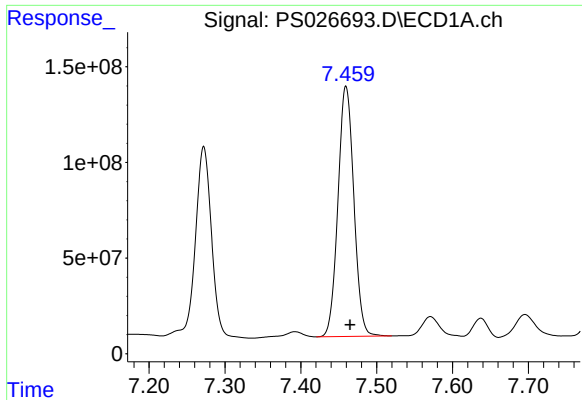
#4 2,4-DCAA

R.T.: 7.272 min  
Delta R.T.: -0.005 min  
Response: 1449454803  
Conc: 582.85 ng/ml



#4 2,4-DCAA

R.T.: 7.780 min  
Delta R.T.: -0.004 min  
Response: 896563435  
Conc: 537.70 ng/ml m



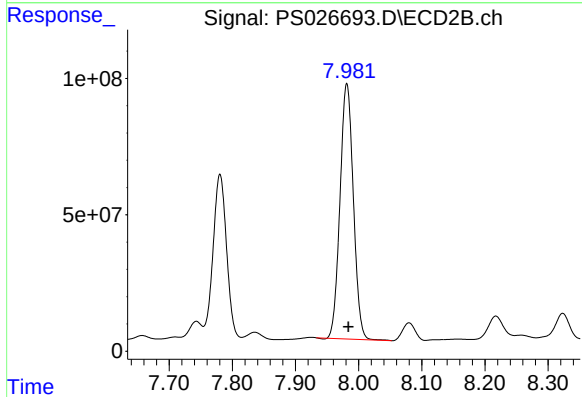
#5 DICAMBA

R.T.: 7.460 min  
Delta R.T.: -0.005 min  
Response: 1901884156  
Conc: 185.45 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-WATER-02-QT2-2024

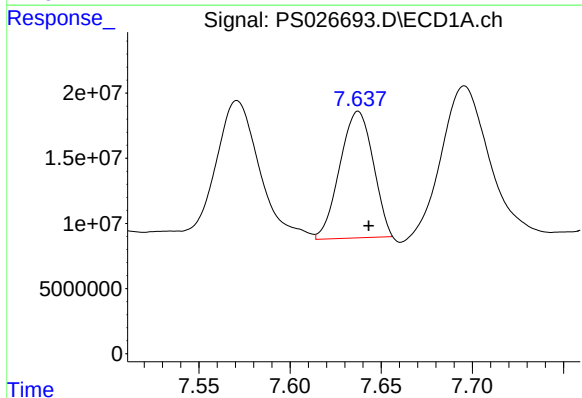
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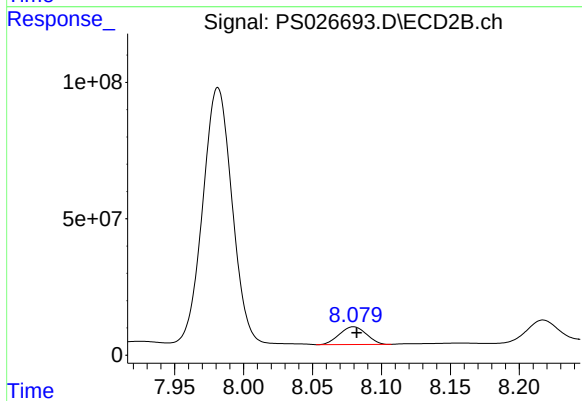
#5 DICAMBA

R.T.: 7.981 min  
Delta R.T.: -0.003 min  
Response: 1372392709  
Conc: 185.36 ng/ml



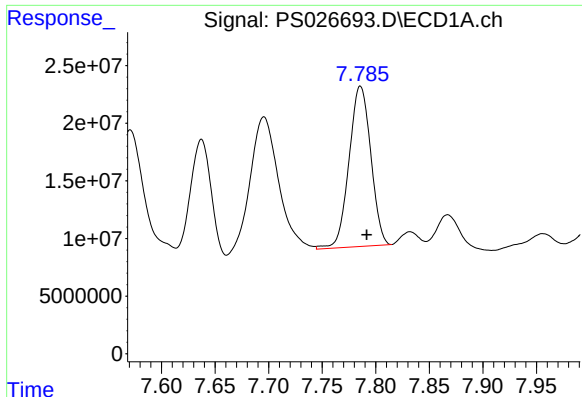
#6 MCPP

R.T.: 7.637 min  
Delta R.T.: -0.006 min  
Response: 123499423  
Conc: 16.62 ug/ml m



#6 MCPP

R.T.: 8.080 min  
Delta R.T.: -0.002 min  
Response: 88757937  
Conc: 17.27 ug/ml



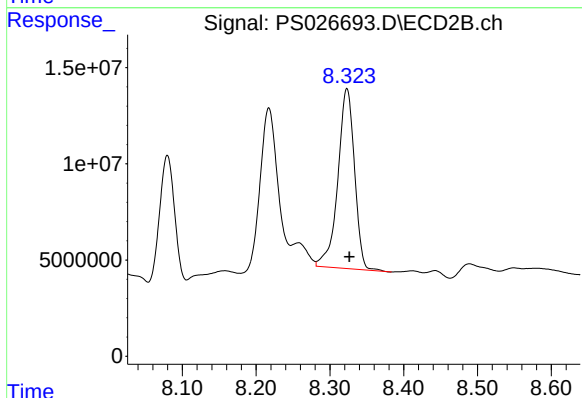
#7 MCPA

R.T.: 7.786 min  
Delta R.T.: -0.006 min  
Response: 196701995  
Conc: 17.77 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-WATER-02-QT2-2024

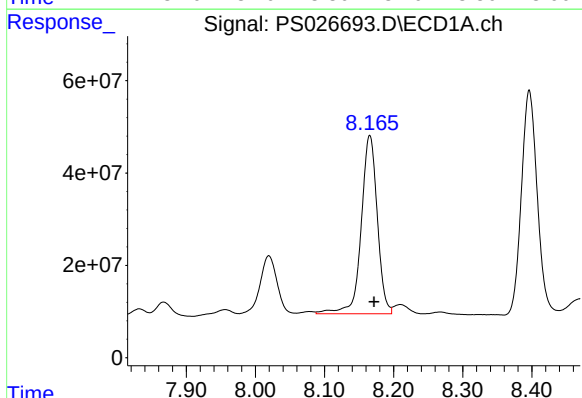
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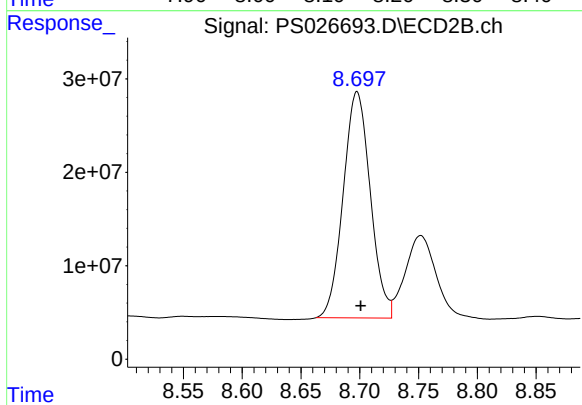
#7 MCPA

R.T.: 8.323 min  
Delta R.T.: -0.003 min  
Response: 147107582  
Conc: 19.67 ug/ml



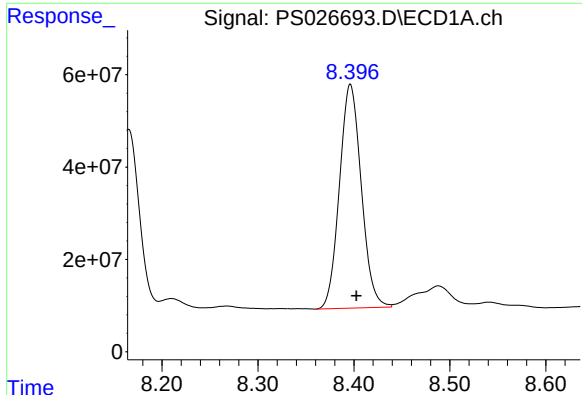
#8 DICHLORPROP

R.T.: 8.166 min  
Delta R.T.: -0.006 min  
Response: 625751149  
Conc: 208.81 ng/ml



#8 DICHLORPROP

R.T.: 8.698 min  
Delta R.T.: -0.003 min  
Response: 388689230  
Conc: 202.58 ng/ml



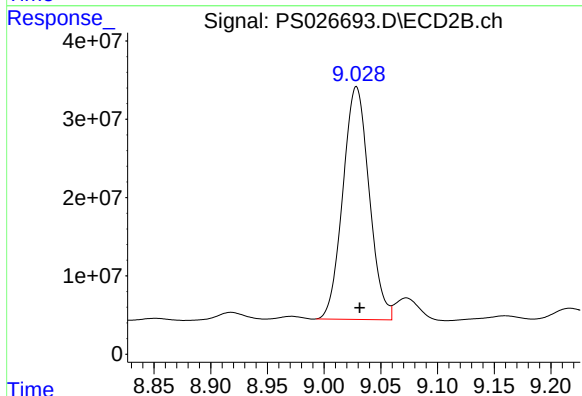
#9 2,4-D

R.T.: 8.396 min  
Delta R.T.: -0.006 min  
Response: 767016778  
Conc: 233.01 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
LOQ-WATER-02-QT2-2024

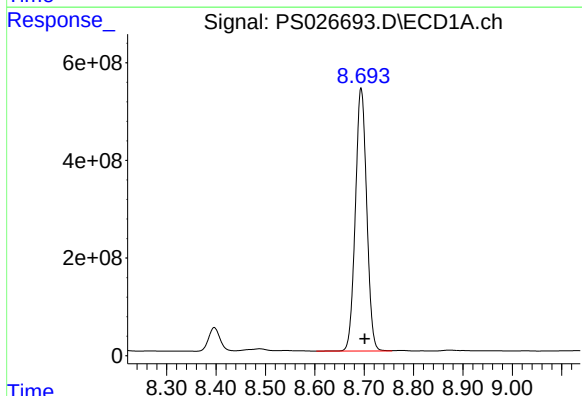
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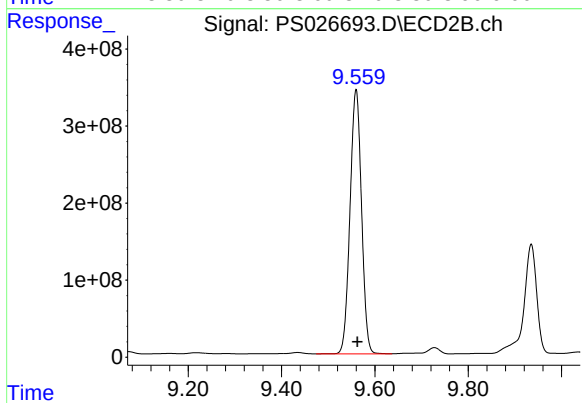
#9 2,4-D

R.T.: 9.028 min  
Delta R.T.: -0.003 min  
Response: 479495719  
Conc: 232.72 ng/ml



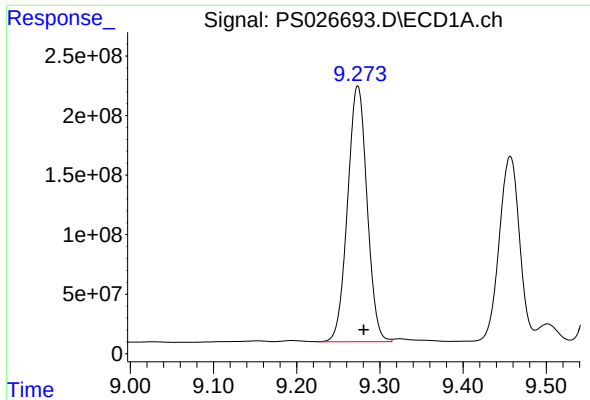
#10 Pentachlorophenol

R.T.: 8.694 min  
Delta R.T.: -0.007 min  
Response: 8584354848  
Conc: 209.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.560 min  
Delta R.T.: -0.003 min  
Response: 5866598957  
Conc: 214.66 ng/ml



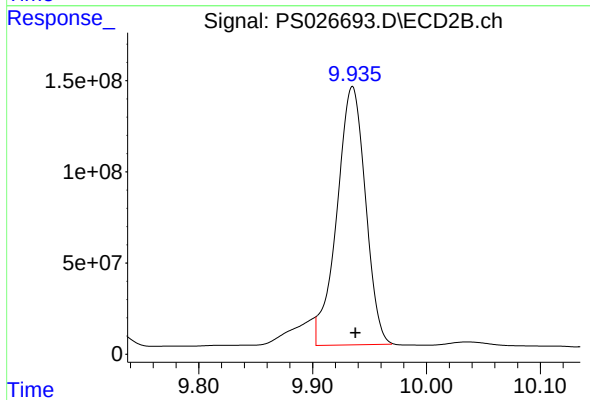
#11 2,4,5-TP (SILVEX)

R.T.: 9.273 min  
Delta R.T.: -0.007 min  
Response: 3495373414  
Conc: 210.01 ng/ml

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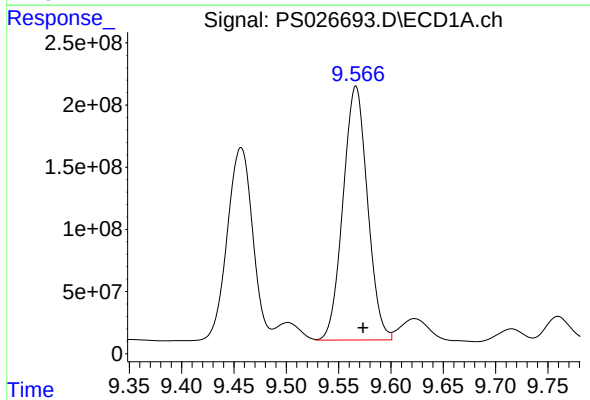
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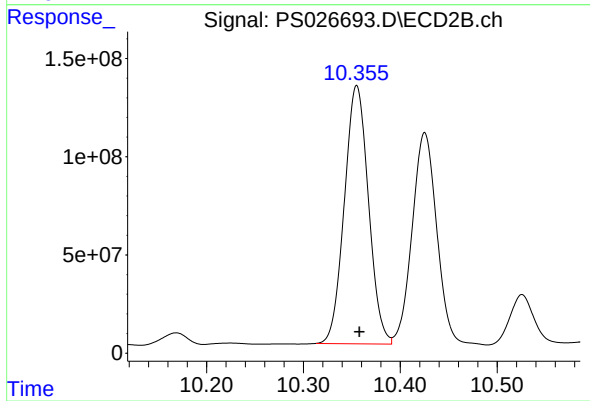
#11 2,4,5-TP (SILVEX)

R.T.: 9.935 min  
Delta R.T.: -0.003 min  
Response: 2462241134  
Conc: 223.13 ng/ml m



#12 2,4,5-T

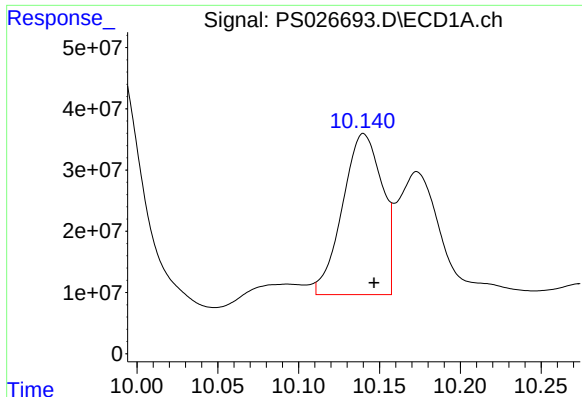
R.T.: 9.566 min  
Delta R.T.: -0.007 min  
Response: 3324539067  
Conc: 195.07 ng/ml



#12 2,4,5-T

R.T.: 10.355 min  
Delta R.T.: -0.003 min  
Response: 2273482232  
Conc: 209.88 ng/ml





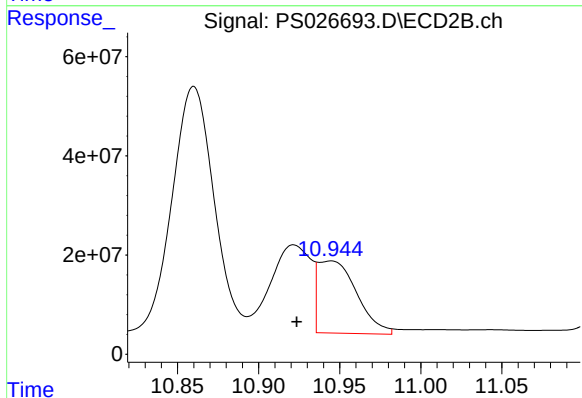
#13 2,4-DB

R.T.: 10.140 min  
Delta R.T.: -0.007 min  
Response: 444028684  
Conc: 187.29 ng/ml

Instrument :  
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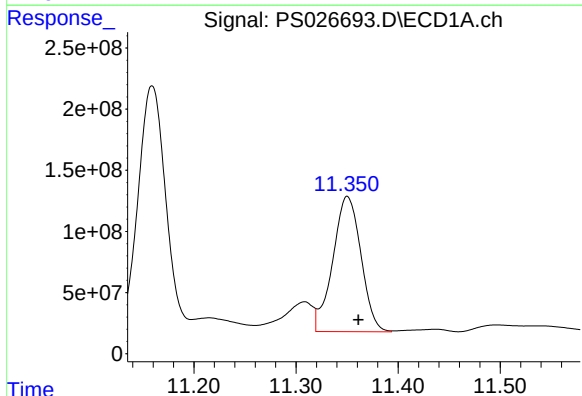
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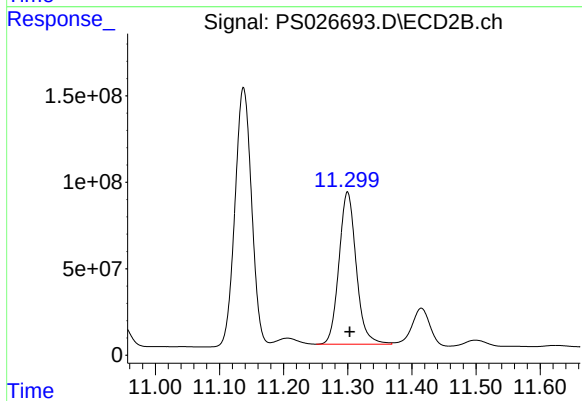
#13 2,4-DB

R.T.: 10.944 min  
Delta R.T.: 0.021 min  
Response: 239563825  
Conc: 176.23 ng/ml m



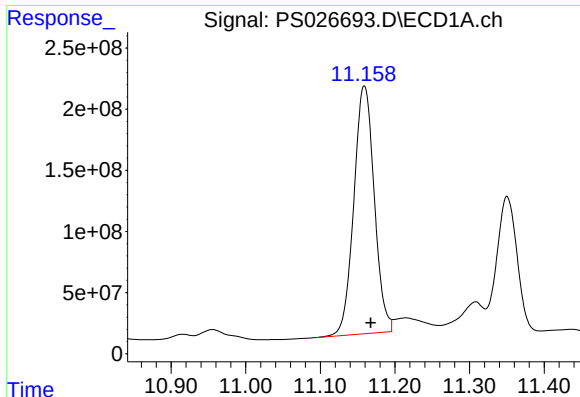
#14 DINOSEB

R.T.: 11.350 min  
Delta R.T.: -0.011 min  
Response: 2119411623  
Conc: 206.41 ng/ml m



#14 DINOSEB

R.T.: 11.299 min  
Delta R.T.: -0.004 min  
Response: 1642516109  
Conc: 239.11 ng/ml m



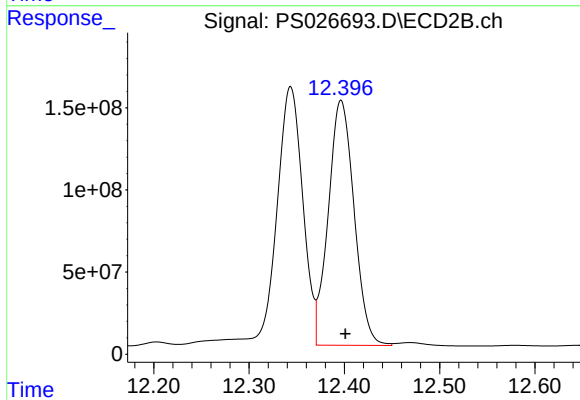
#15 Picloram

R.T.: 11.158 min  
Delta R.T.: -0.009 min  
Response: 3863684646  
Conc: 172.97 ng/ml

Instrument :  
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ClientSampleId :  
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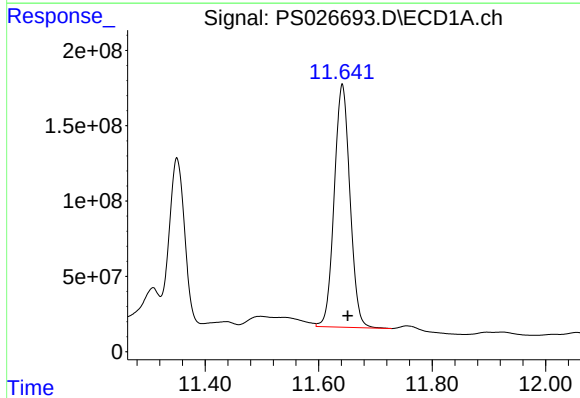
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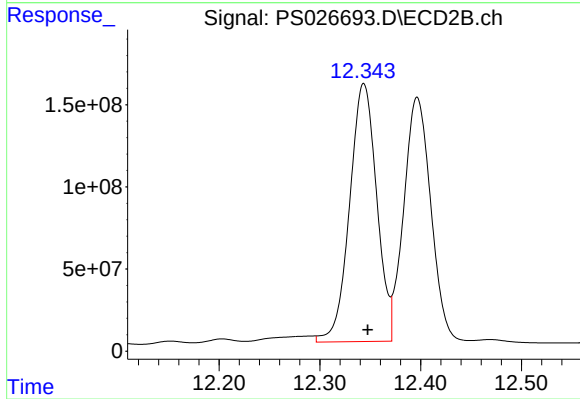
#15 Picloram

R.T.: 12.397 min  
Delta R.T.: -0.005 min  
Response: 2807609957  
Conc: 175.20 ng/ml



#16 DCPA

R.T.: 11.642 min  
Delta R.T.: -0.010 min  
Response: 3100905933  
Conc: 164.71 ng/ml



#16 DCPA

R.T.: 12.343 min  
Delta R.T.: -0.004 min  
Response: 2944502940  
Conc: 222.70 ng/ml m