

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS040523\  
 Data File : PS022599.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Apr 2023 15:56  
 Operator : AR\AJ  
 Sample : 02161-04MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 WC-5MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/06/2023  
 Supervised By : Ankita Jodhani 04/06/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 22:18:27 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     | 6.295  | 6.720  | 611.2E6  | 639.6E6  | 250.023  | 310.539   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.407  | 2.482  | 1083.0E6 | 1556.7E6 | 347.275m | 476.993m# |
| 2) T                        | 3,5-DICHL... | 5.679  | 5.922  | 772.4E6  | 715.5E6  | 207.459  | 224.382   |
| 3) T                        | 4-Nitroph... | 6.145  | 6.350  | 492.3E6  | 442.0E6  | 359.302  | 314.854   |
| 5) T                        | DICAMBA      | 6.431  | 6.875  | 2720.8E6 | 2577.1E6 | 264.664  | 261.237   |
| 6) T                        | MCP          | 6.576  | 6.967  | 114.5E6  | 133.6E6  | 15.061   | 17.165    |
| 7) T                        | MCPA         | 6.697  | 7.176  | 213.9E6  | 248.3E6  | 20.490m  | 23.637    |
| 8) T                        | DICHLORPROP  | 7.015  | 7.497  | 484.3E6  | 532.4E6  | 182.724  | 213.826   |
| 9) T                        | 2,4-D        | 7.223  | 7.791  | 695.9E6  | 733.2E6  | 212.240  | 247.814   |
| 10) T                       | Pentachlo... | 7.435  | 8.203  | 7477.8E6 | 7193.1E6 | 212.526  | 219.139   |
| 11) T                       | 2,4,5-TP ... | 7.962  | 8.566  | 2739.3E6 | 2667.1E6 | 183.263  | 195.795   |
| 12) T                       | 2,4,5-T      | 8.224  | 8.945  | 3088.3E6 | 2460.0E6 | 188.066  | 195.549   |
| 13) T                       | 2,4-DB       | 8.734  | 9.450  | 509.1E6  | 243.4E6  | 168.825  | 144.968   |
| 14) T                       | DINOSEB      | 9.765  | 9.768  | 1714.6E6 | 1178.1E6 | 132.305  | 122.828   |
| 15) T                       | Picloram     | 9.616  | 10.743 | 6956.4E6 | 6268.7E6 | 280.259  | 312.389   |
| 16) T                       | DCPA         | 10.033 | 10.691 | 7796.3E6 | 6221.4E6 | 377.980  | 392.214   |
| -----                       |              |        |        |          |          |          |           |

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

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Misc :  
ALS Vial : 7 Sample Multiplier: 1

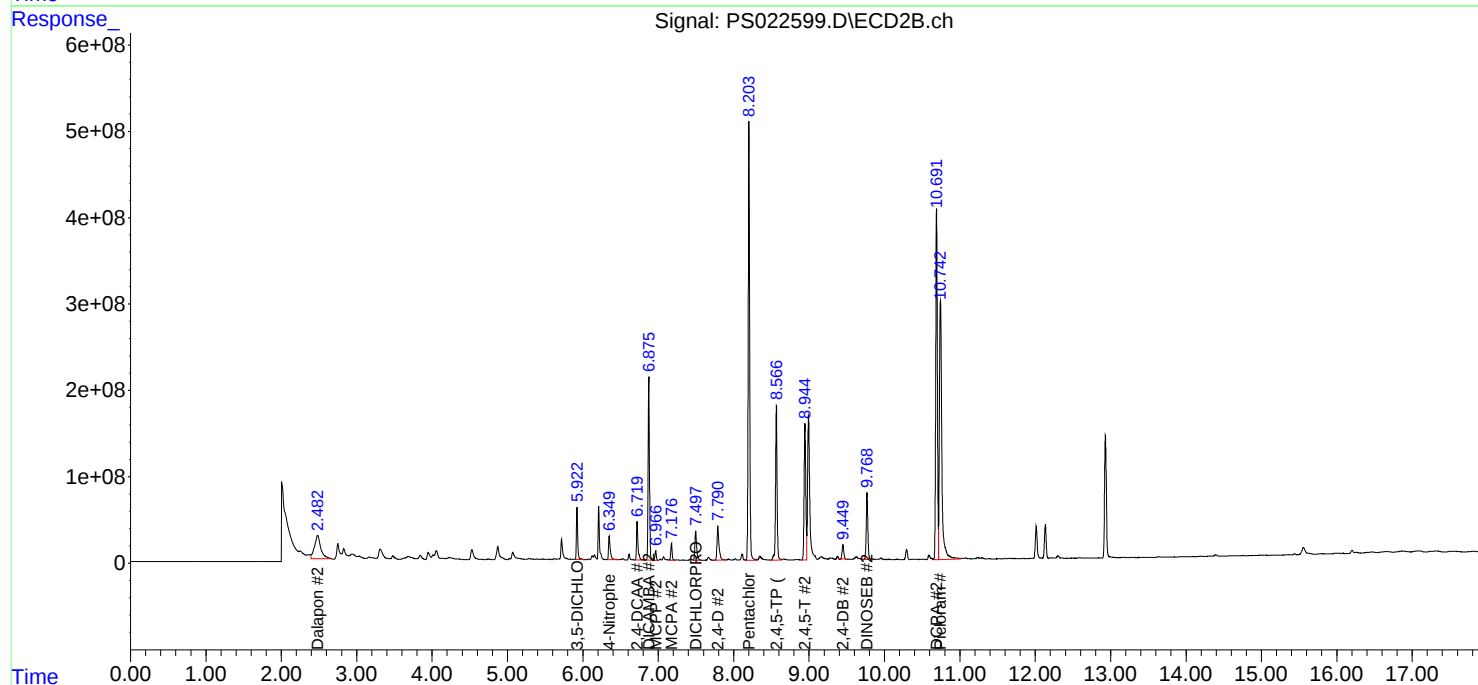
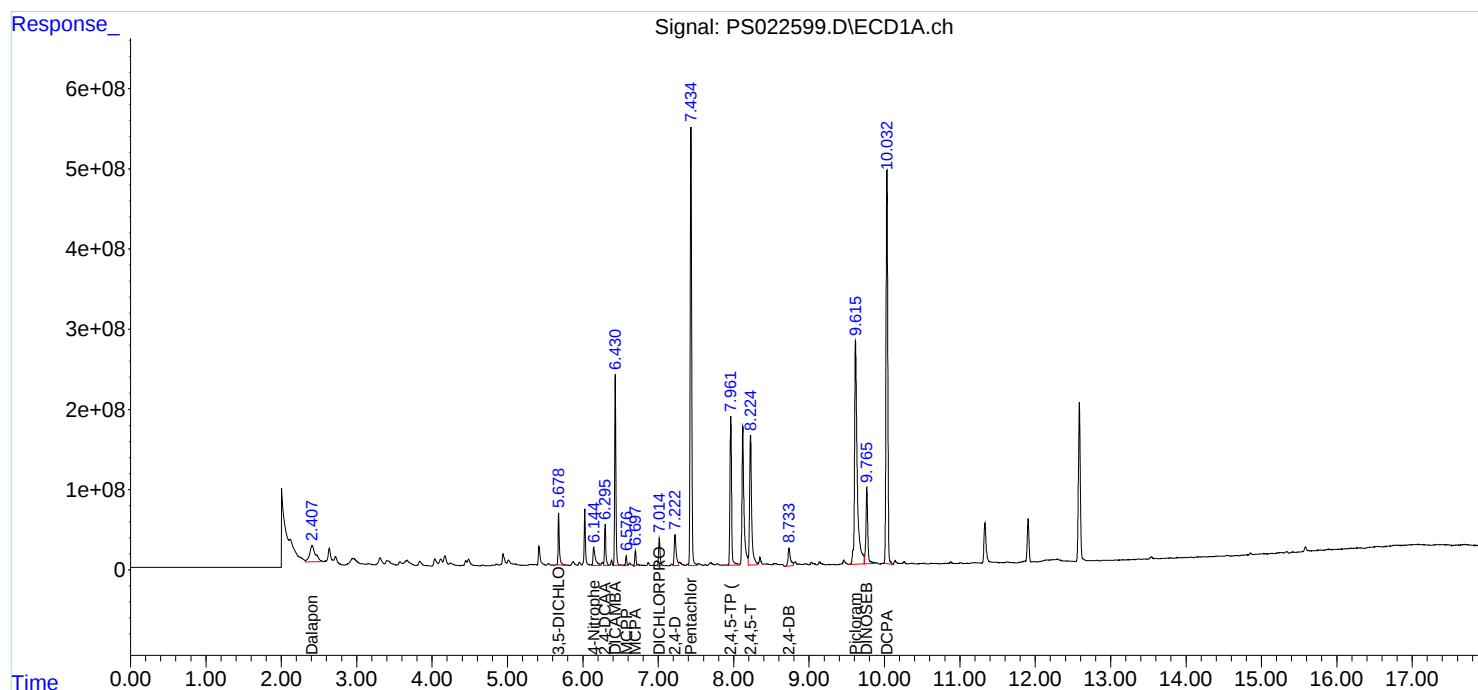
Instrument :  
ECD\_S  
ClientSampleId :  
WC-5MSD

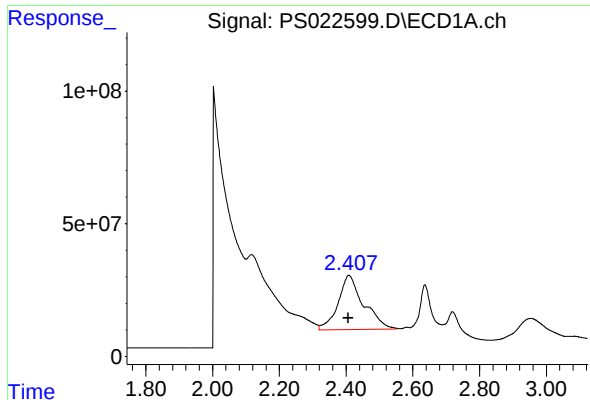
Manual Integrations  
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Supervised By :Ankita Jodhani 04/06/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 22:18:27 2023  
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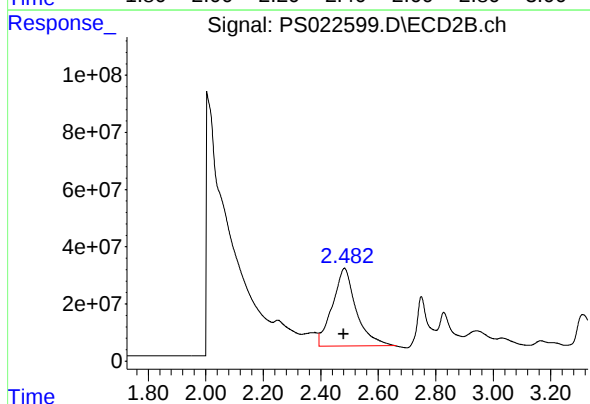
#1 Dalapon

R.T.: 2.407 min  
Delta R.T.: 0.000 min  
Response: 1083012357  
Conc: 347.28 ng/ml

Instrument :  
ECD\_S  
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WC-5MSD

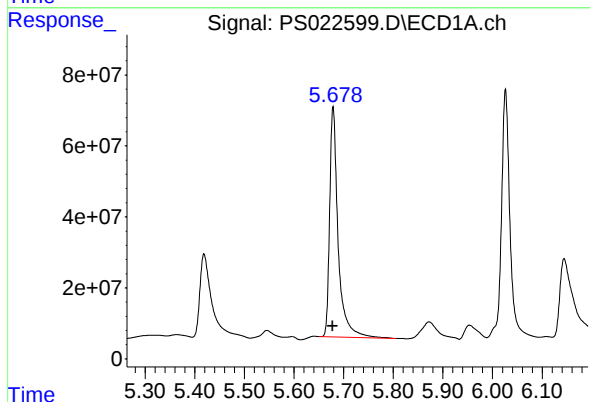
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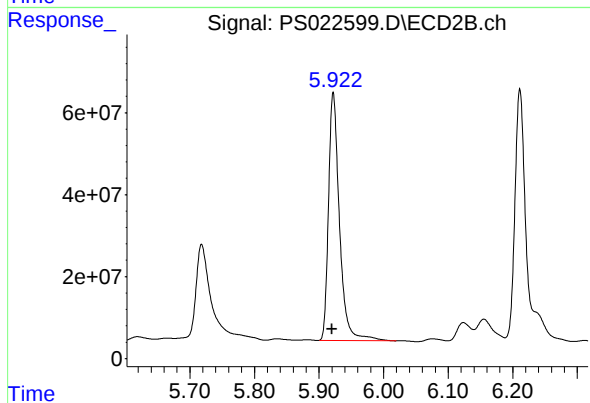
#1 Dalapon

R.T.: 2.482 min  
Delta R.T.: 0.003 min  
Response: 1556674314  
Conc: 476.99 ng/ml



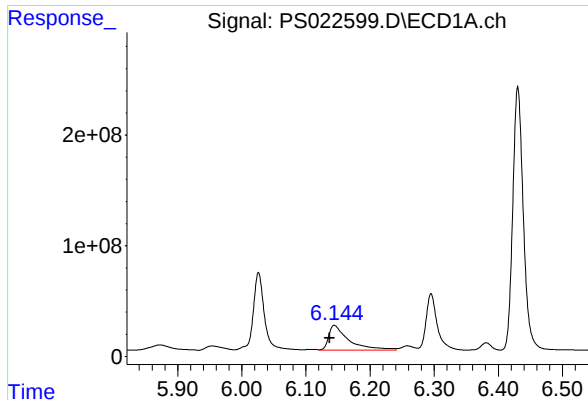
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.679 min  
Delta R.T.: 0.001 min  
Response: 772436226  
Conc: 207.46 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.922 min  
Delta R.T.: 0.002 min  
Response: 715543829  
Conc: 224.38 ng/ml



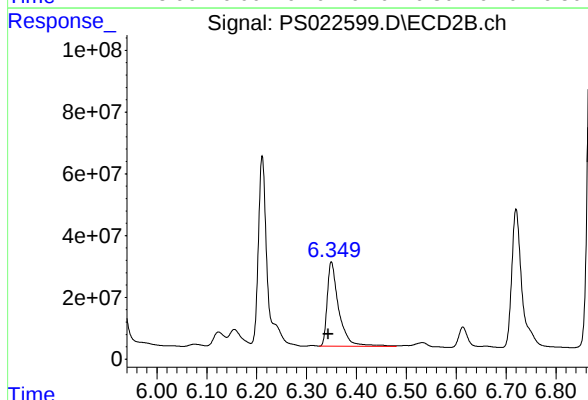
#3 4-Nitrophenol

R.T.: 6.145 min  
Delta R.T.: 0.008 min  
Response: 492305655  
Conc: 359.30 ng/ml

Instrument :  
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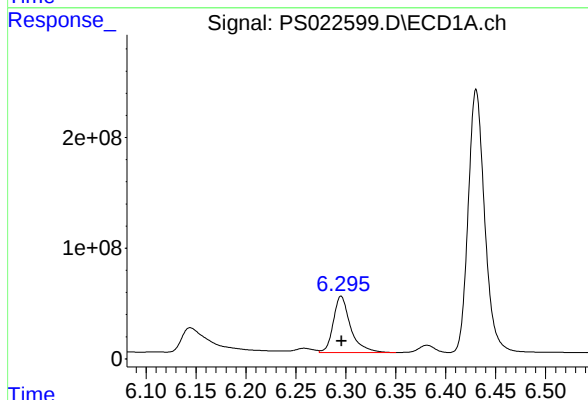
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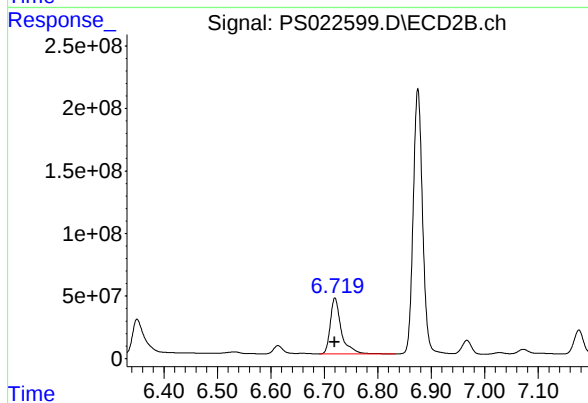
#3 4-Nitrophenol

R.T.: 6.350 min  
Delta R.T.: 0.006 min  
Response: 442049709  
Conc: 314.85 ng/ml



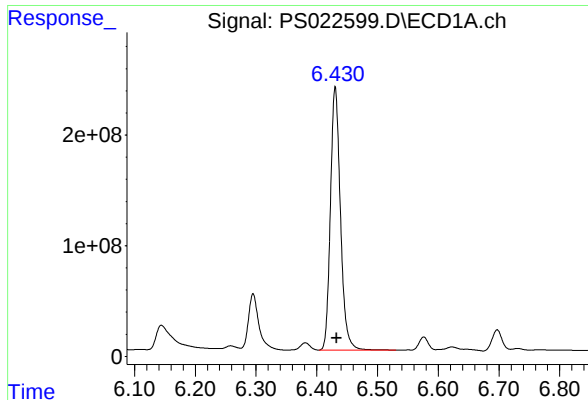
#4 2,4-DCAA

R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 611152905  
Conc: 250.02 ng/ml



#4 2,4-DCAA

R.T.: 6.720 min  
Delta R.T.: 0.000 min  
Response: 639613067  
Conc: 310.54 ng/ml



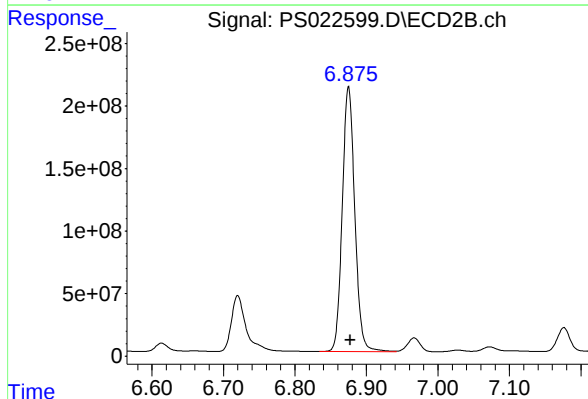
#5 DICAMBA

R.T.: 6.431 min  
Delta R.T.: -0.002 min  
Response: 2720812154  
Conc: 264.66 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-5MSD

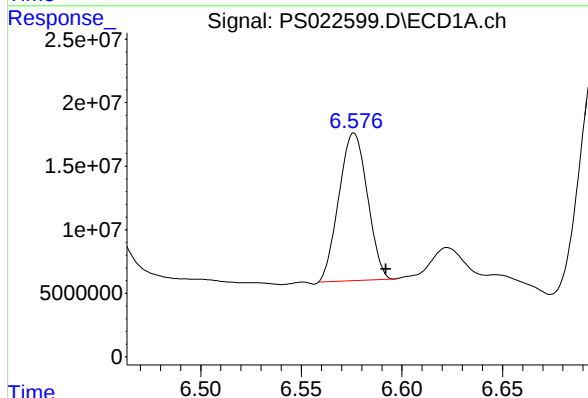
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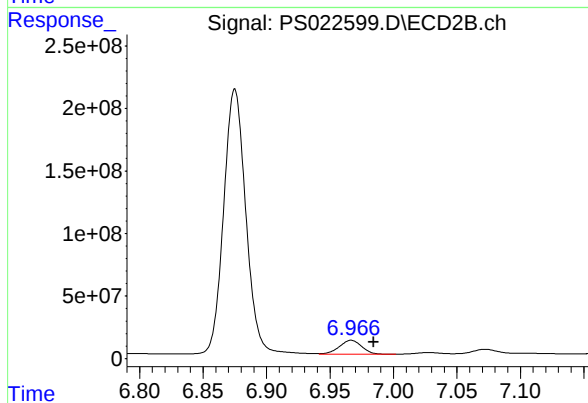
#5 DICAMBA

R.T.: 6.875 min  
Delta R.T.: -0.002 min  
Response: 2577099471  
Conc: 261.24 ng/ml



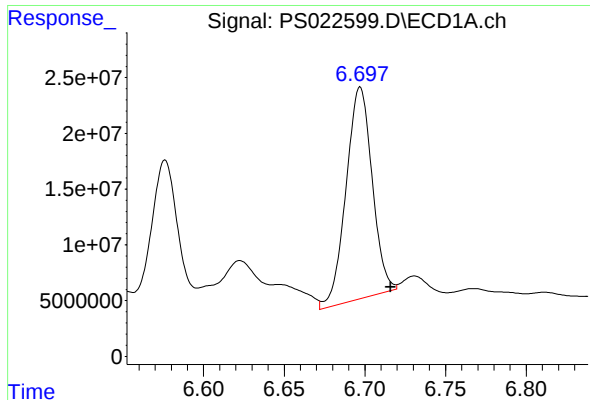
#6 MCPP

R.T.: 6.576 min  
Delta R.T.: -0.016 min  
Response: 114501731  
Conc: 15.06 ug/ml



#6 MCPP

R.T.: 6.967 min  
Delta R.T.: -0.017 min  
Response: 133618534  
Conc: 17.17 ug/ml



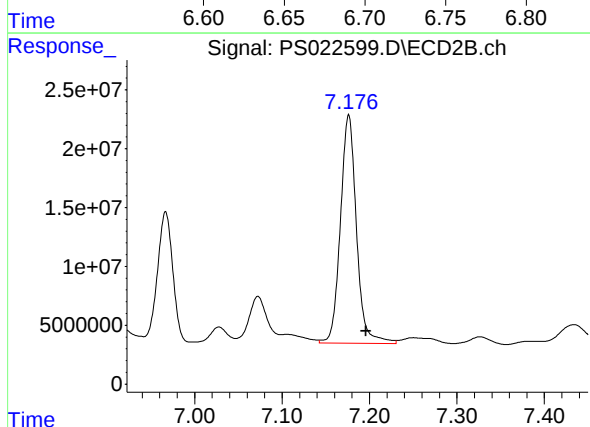
#7 MCPA

R.T.: 6.697 min  
Delta R.T.: -0.019 min  
Response: 213855347  
Conc: 20.49 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-5MSD

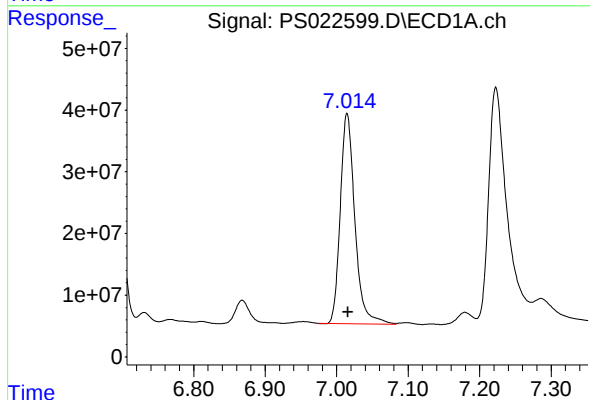
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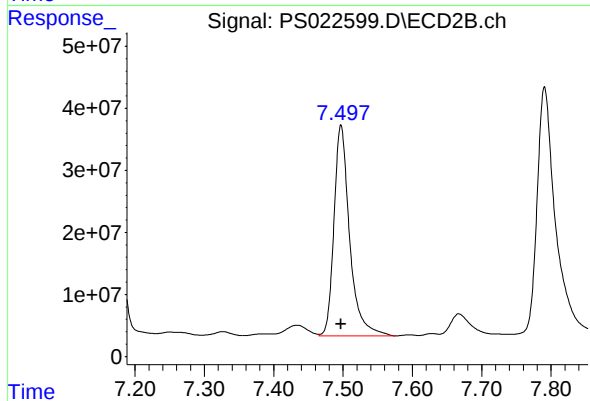
#7 MCPA

R.T.: 7.176 min  
Delta R.T.: -0.020 min  
Response: 248337691  
Conc: 23.64 ug/ml



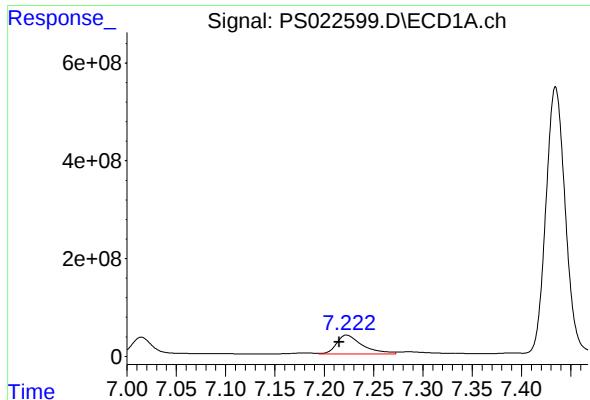
#8 DICHLORPROP

R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 484271308  
Conc: 182.72 ng/ml



#8 DICHLORPROP

R.T.: 7.497 min  
Delta R.T.: 0.000 min  
Response: 532432725  
Conc: 213.83 ng/ml



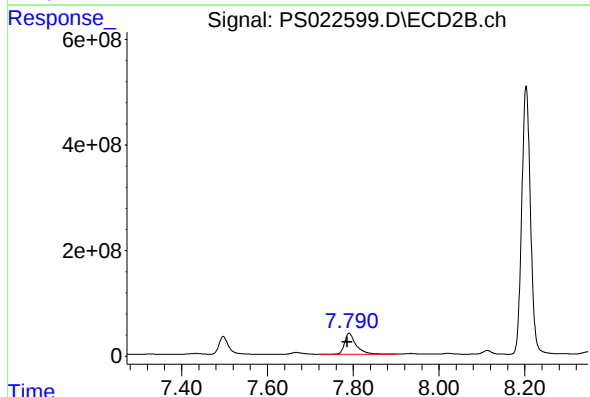
#9 2,4-D

R.T.: 7.223 min  
Delta R.T.: 0.008 min  
Response: 695936485  
Conc: 212.24 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-5MSD

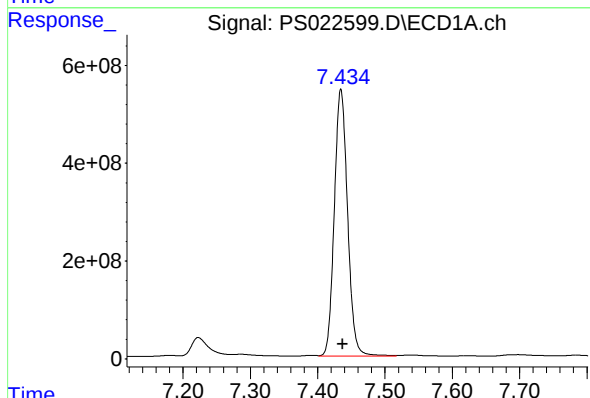
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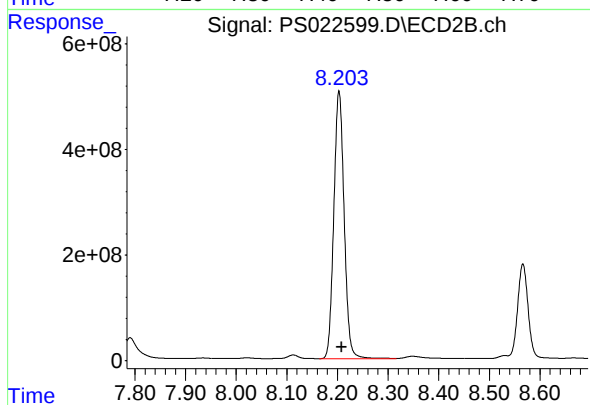
#9 2,4-D

R.T.: 7.791 min  
Delta R.T.: 0.004 min  
Response: 733151980  
Conc: 247.81 ng/ml



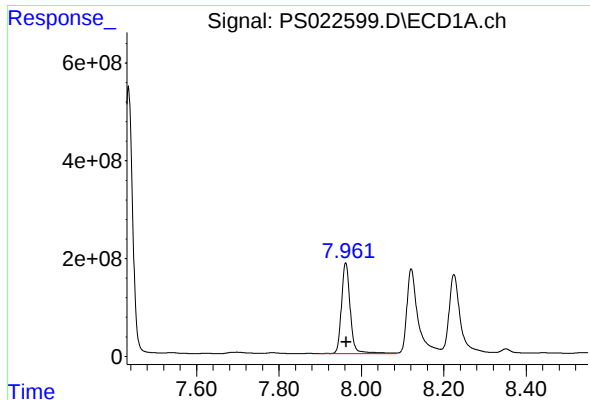
#10 Pentachlorophenol

R.T.: 7.435 min  
Delta R.T.: -0.002 min  
Response: 7477778784  
Conc: 212.53 ng/ml



#10 Pentachlorophenol

R.T.: 8.203 min  
Delta R.T.: -0.006 min  
Response: 7193075837  
Conc: 219.14 ng/ml



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

R.T.: 7.962 min  
Delta R.T.: -0.001 min  
Response: 2739329102  
Conc: 183.26 ng/ml

Instrument :

ECD\_S

ClientSampleId :

WC-5MSD

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

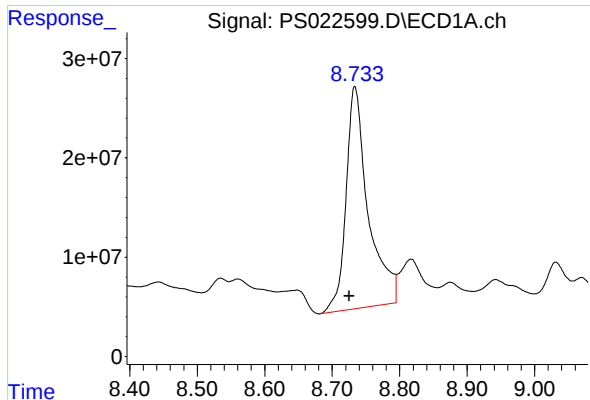
R.T.: 8.566 min  
Delta R.T.: -0.003 min  
Response: 2667090857  
Conc: 195.79 ng/ml

#12 2,4,5-T

R.T.: 8.224 min  
Delta R.T.: 0.003 min  
Response: 3088273009  
Conc: 188.07 ng/ml

#12 2,4,5-T

R.T.: 8.945 min  
Delta R.T.: 0.001 min  
Response: 2459969401  
Conc: 195.55 ng/ml



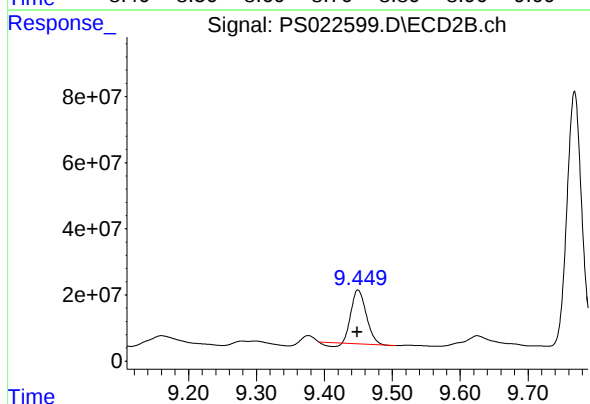
#13 2,4-DB

R.T.: 8.734 min  
Delta R.T.: 0.009 min  
Response: 509057037  
Conc: 168.83 ng/ml

Instrument :  
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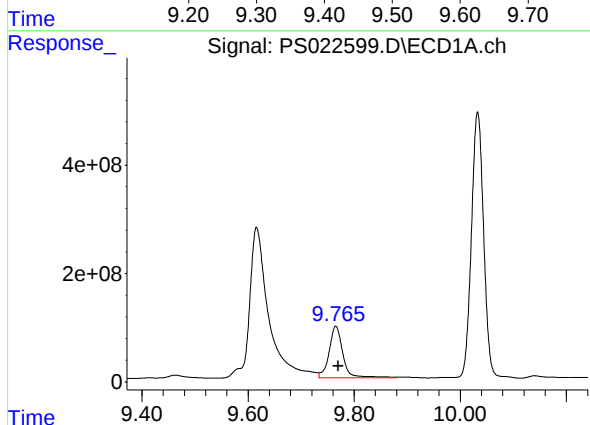
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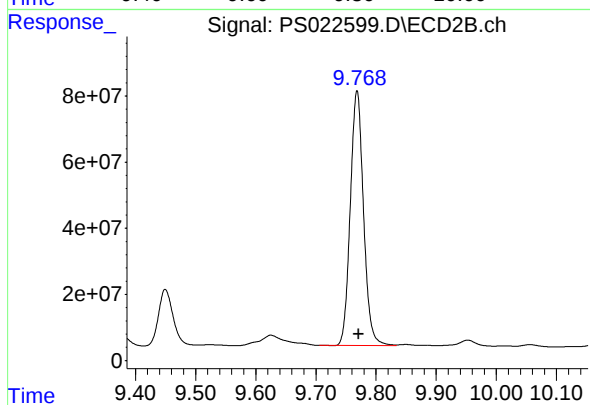
#13 2,4-DB

R.T.: 9.450 min  
Delta R.T.: 0.001 min  
Response: 243444773  
Conc: 144.97 ng/ml



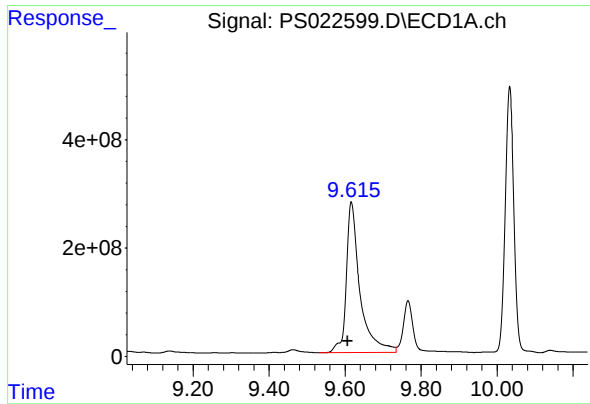
#14 DINOSEB

R.T.: 9.765 min  
Delta R.T.: -0.005 min  
Response: 1714636006  
Conc: 132.30 ng/ml



#14 DINOSEB

R.T.: 9.768 min  
Delta R.T.: -0.003 min  
Response: 1178069095  
Conc: 122.83 ng/ml



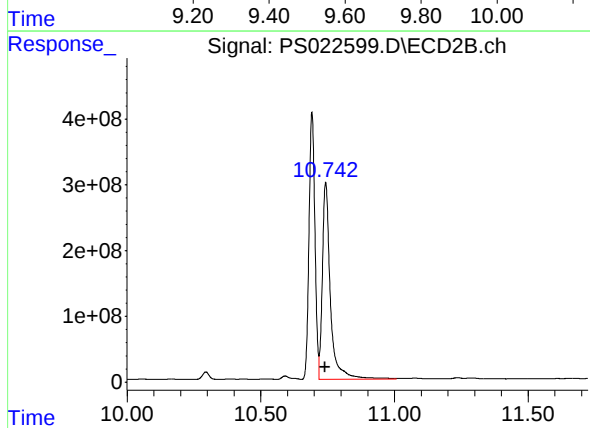
#15 Picloram

R.T.: 9.616 min  
Delta R.T.: 0.010 min  
Response: 6956390717  
Conc: 280.26 ng/ml

Instrument :  
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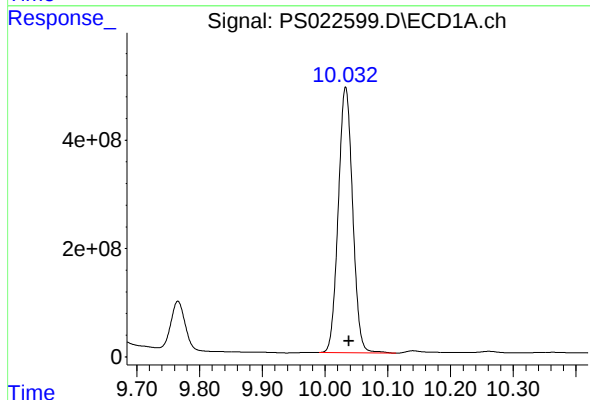
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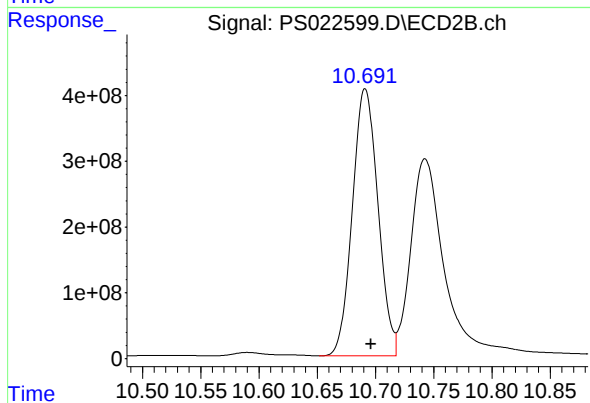
#15 Picloram

R.T.: 10.743 min  
Delta R.T.: 0.003 min  
Response: 6268721104  
Conc: 312.39 ng/ml



#16 DCPA

R.T.: 10.033 min  
Delta R.T.: -0.005 min  
Response: 7796326995  
Conc: 377.98 ng/ml



#16 DCPA

R.T.: 10.691 min  
Delta R.T.: -0.005 min  
Response: 6221408534  
Conc: 392.21 ng/ml