

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS020624\  
 Data File : PS025811.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Feb 2024 08:23  
 Operator : AR\AJ  
 Sample : P1318-04MSD  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 CO-11-GRID-1MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/07/2024  
 Supervised By : Ankita Jodhani 02/07/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 07 10:43:39 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS020624.M  
 Quant Title : 8080.M  
 QLast Update : Tue Feb 06 15:37:16 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 x 0.5 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     | 6.346  | 6.753  | 625.2E6   | 327.7E6  | 443.006m | 465.900m  |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.467  | 2.524  | 742.6E6   | 366.2E6  | 313.932  | 330.100   |
| 2) T                        | 3,5-DICHL... | 5.722  | 5.947  | 893.0E6   | 423.3E6  | 414.349  | 401.534   |
| 5) T                        | DICAMBA      | 6.485  | 6.911  | 2361.8E6  | 1180.1E6 | 392.427  | 388.831   |
| 6) T                        | MCP          | 6.634  | 7.007  | 159.2E6   | 87476115 | 43.774   | 42.759    |
| 7) T                        | MCPA         | 6.755  | 7.210  | 251.2E6   | 149.7E6  | 46.653   | 48.057    |
| 8) T                        | DICHLORPROP  | 7.071  | 7.524  | 635.2E6   | 364.4E6  | 404.133  | 456.329   |
| 9) T                        | 2,4-D        | 7.269  | 7.805  | 793.6E6   | 423.2E6  | 446.529  | 496.070   |
| 10) T                       | Pentachlo... | 7.495  | 8.225  | 10108.7E6 | 4939.5E6 | 442.522  | 435.438   |
| 11) T                       | 2,4,5-TP ... | 8.016  | 8.584  | 3831.7E6  | 1634.5E6 | 433.941  | 378.166   |
| 12) T                       | 2,4,5-T      | 8.272  | 8.953  | 3769.8E6  | 1702.0E6 | 398.238  | 409.362   |
| 13) T                       | 2,4-DB       | 8.780  | 9.457  | 625.1E6   | 240.7E6  | 540.074  | 543.319   |
| 14) T                       | DINOSEB      | 9.825  | 9.783  | 2425.1E6  | 1938.5E6 | 360.853  | 674.217 # |
| 15) T                       | Picloram     | 9.659  | 10.734 | 4517.8E6  | 1990.1E6 | 384.136m | 370.102   |
| 16) T                       | DCPA         | 10.089 | 10.701 | 4955.3E6  | 1919.7E6 | 422.668m | 386.702   |
| -----                       |              |        |        |           |          |          |           |

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

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Acq On : 07 Feb 2024 08:23  
Operator : AR\AJ  
Sample : P1318-04MSD  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

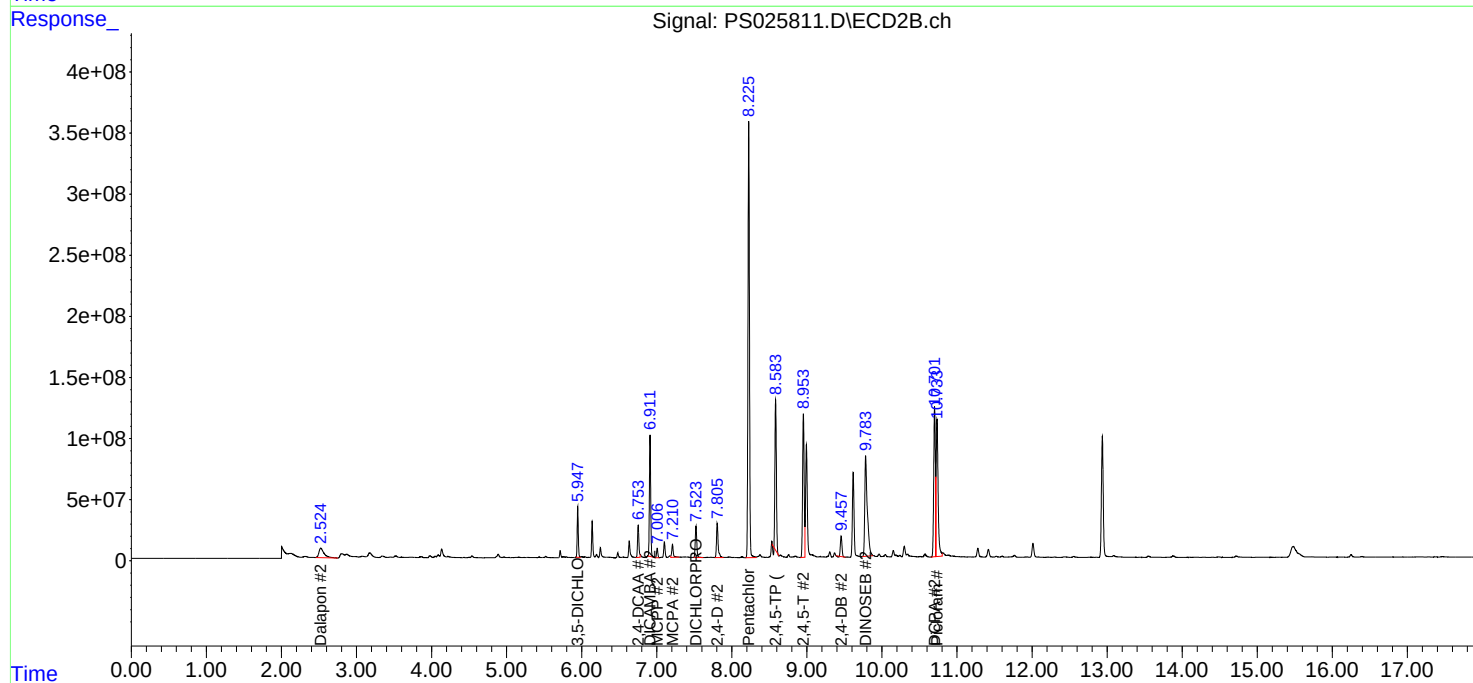
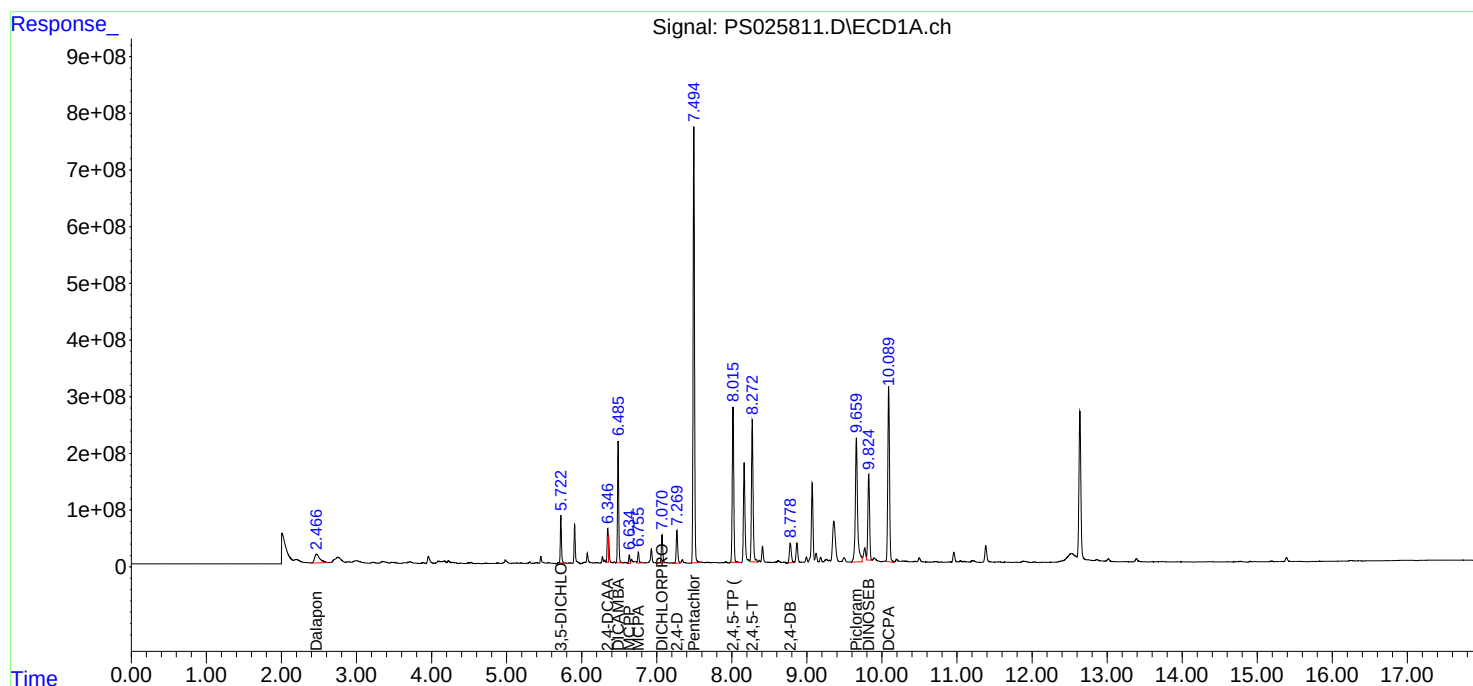
Instrument :  
ECD\_S  
ClientSampleId :  
CO-11-GRID-1MSD

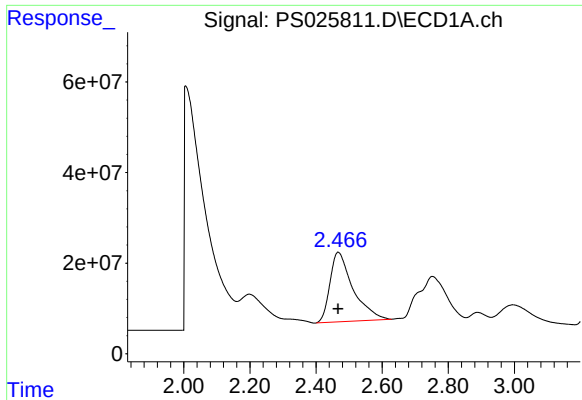
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS020624.M  
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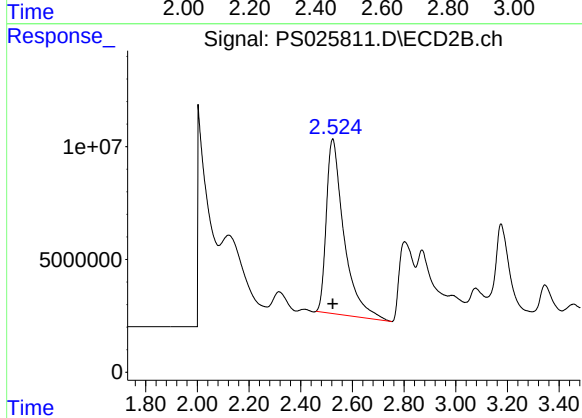
#1 Dalapon

R.T.: 2.467 min  
Delta R.T.: 0.000 min  
Response: 742583948  
Conc: 313.93 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CO-11-GRID-1MSD

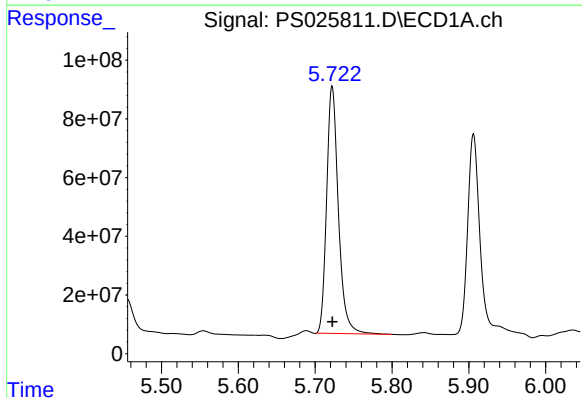
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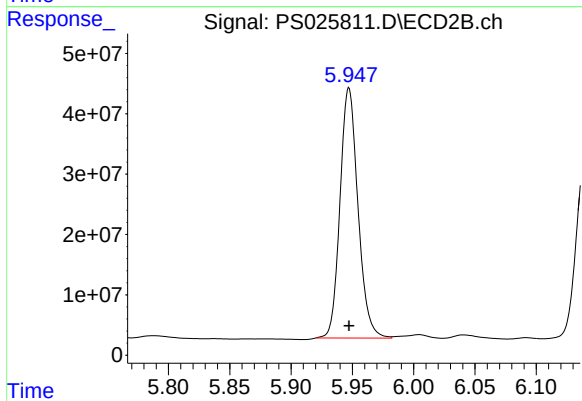
#1 Dalapon

R.T.: 2.524 min  
Delta R.T.: 0.000 min  
Response: 366152338  
Conc: 330.10 ng/ml



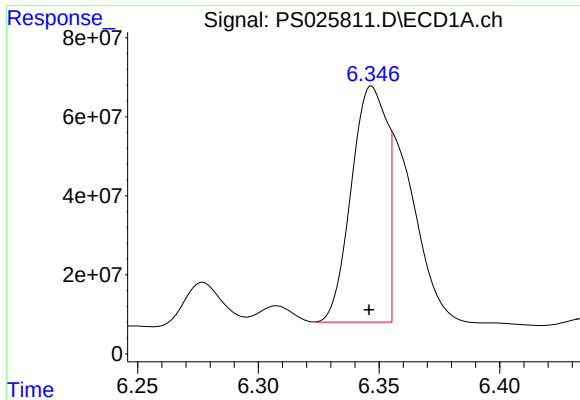
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 892966608  
Conc: 414.35 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 423266155  
Conc: 401.53 ng/ml



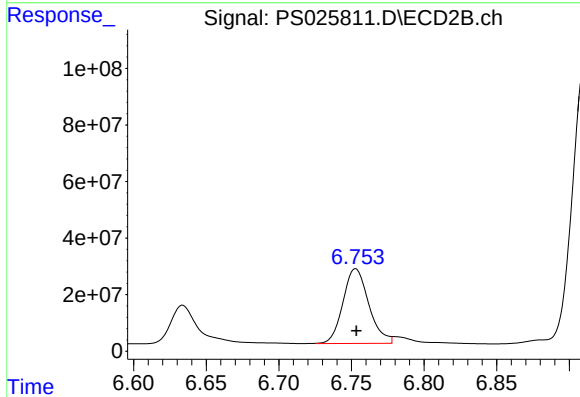
#4 2,4-DCAA

R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 625193357  
Conc: 443.01 ng/ml

Instrument :  
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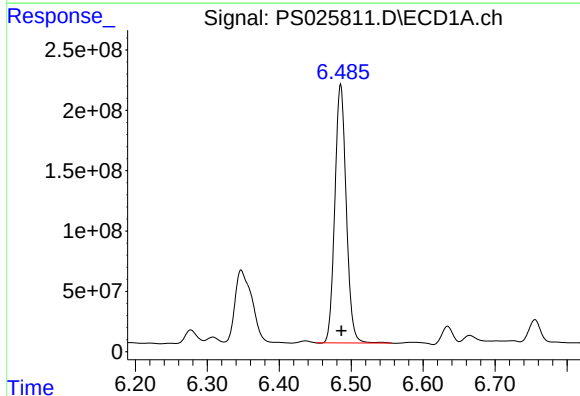
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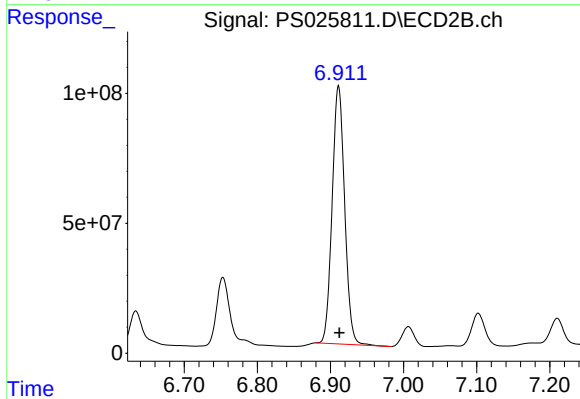
#4 2,4-DCAA

R.T.: 6.753 min  
Delta R.T.: 0.000 min  
Response: 327734064  
Conc: 465.90 ng/ml m



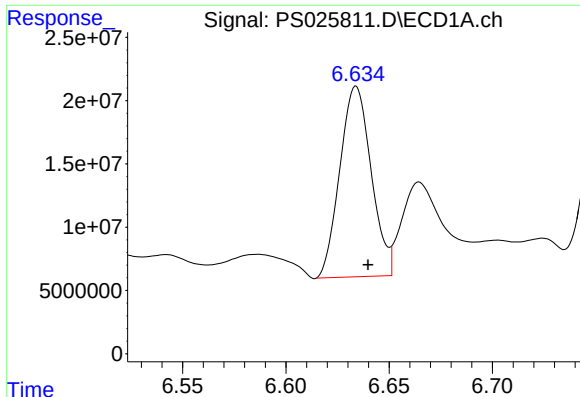
#5 DICAMBA

R.T.: 6.485 min  
Delta R.T.: 0.000 min  
Response: 2361817199  
Conc: 392.43 ng/ml



#5 DICAMBA

R.T.: 6.911 min  
Delta R.T.: 0.000 min  
Response: 1180053535  
Conc: 388.83 ng/ml



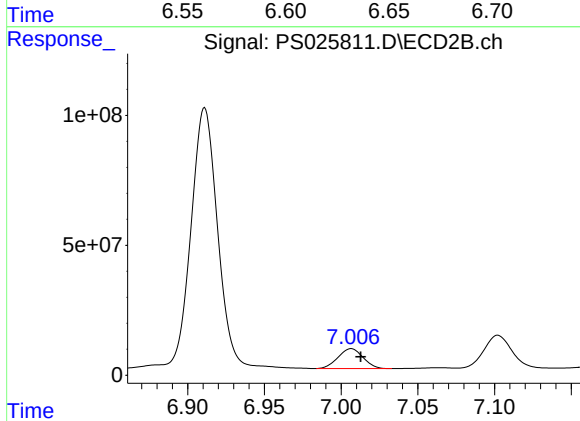
#6 MCPP

R.T.: 6.634 min  
Delta R.T.: -0.006 min  
Response: 159249012  
Conc: 43.77 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CO-11-GRID-1MSD

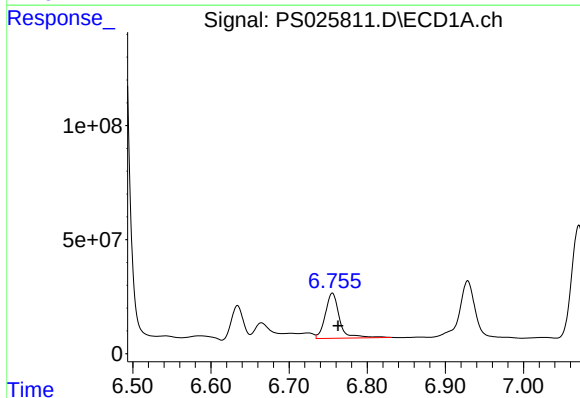
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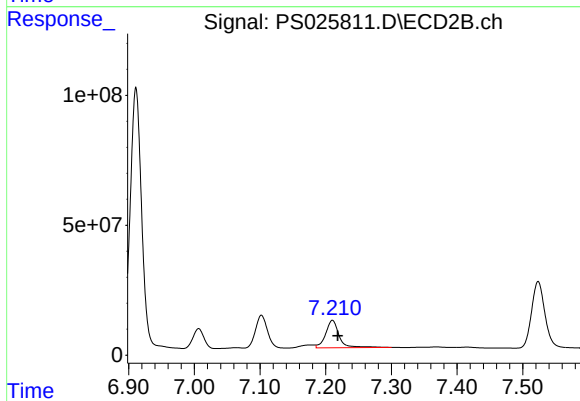
#6 MCPP

R.T.: 7.007 min  
Delta R.T.: -0.006 min  
Response: 87476115  
Conc: 42.76 ug/ml



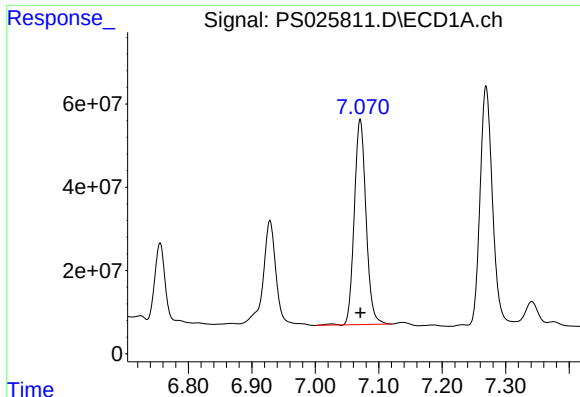
#7 MCPA

R.T.: 6.755 min  
Delta R.T.: -0.007 min  
Response: 251161982  
Conc: 46.65 ug/ml



#7 MCPA

R.T.: 7.210 min  
Delta R.T.: -0.008 min  
Response: 149712517  
Conc: 48.06 ug/ml



#8 DICHLORPROP

R.T.: 7.071 min  
Delta R.T.: 0.000 min  
Response: 635197903  
Conc: 404.13 ng/ml

Instrument :

ECD\_S

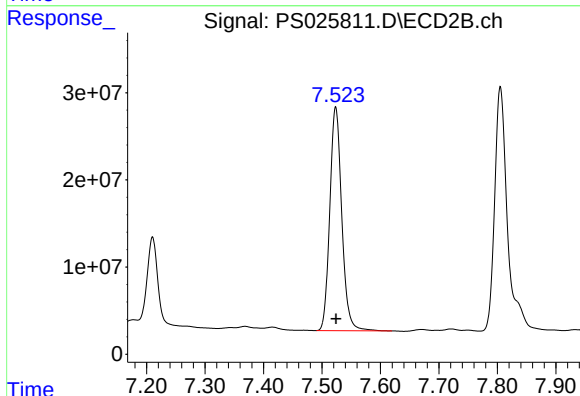
ClientSampleId :

CO-11-GRID-1MSD

Manual Integrations

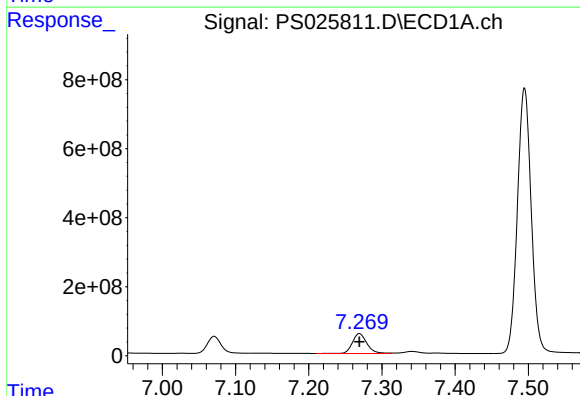
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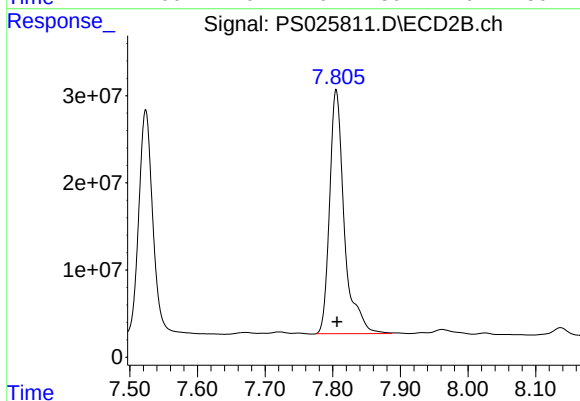
#8 DICHLORPROP

R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 364405033  
Conc: 456.33 ng/ml



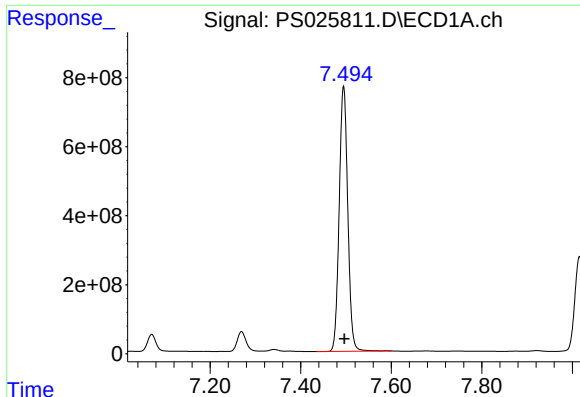
#9 2,4-D

R.T.: 7.269 min  
Delta R.T.: 0.000 min  
Response: 793572040  
Conc: 446.53 ng/ml



#9 2,4-D

R.T.: 7.805 min  
Delta R.T.: -0.001 min  
Response: 423156513  
Conc: 496.07 ng/ml



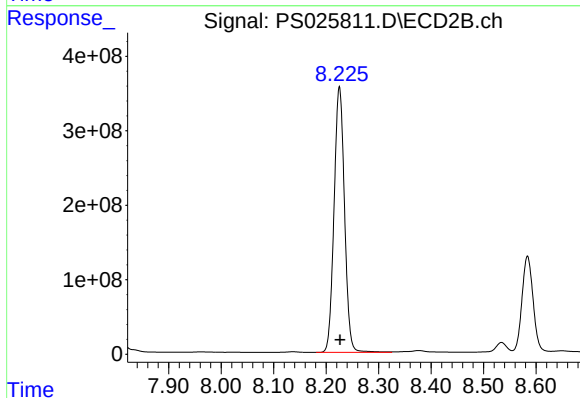
#10 Pentachlorophenol

R.T.: 7.495 min  
Delta R.T.: -0.002 min  
Response: 10108746468  
Conc: 442.52 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
CO-11-GRID-1MSD

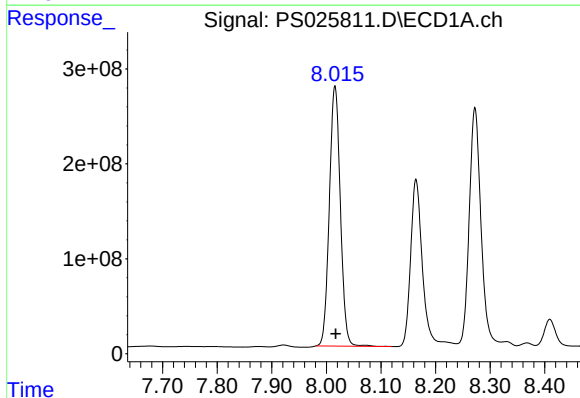
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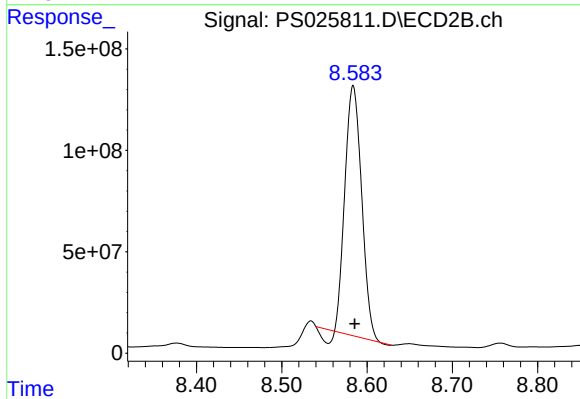
#10 Pentachlorophenol

R.T.: 8.225 min  
Delta R.T.: -0.001 min  
Response: 4939549422  
Conc: 435.44 ng/ml



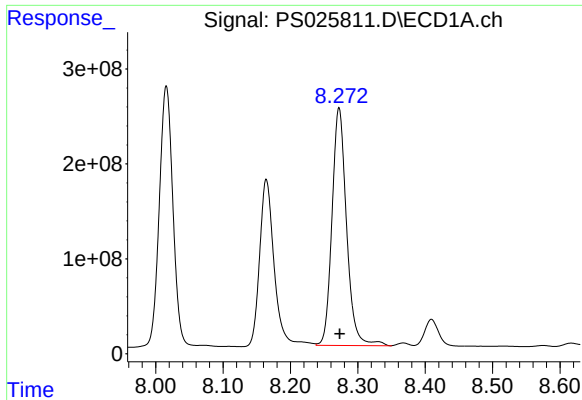
#11 2,4,5-TP (SILVEX)

R.T.: 8.016 min  
Delta R.T.: -0.001 min  
Response: 3831720348  
Conc: 433.94 ng/ml



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

R.T.: 8.584 min  
Delta R.T.: -0.002 min  
Response: 1634523539  
Conc: 378.17 ng/ml



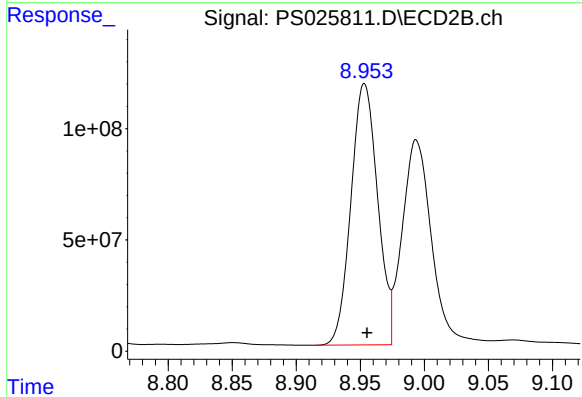
#12 2,4,5-T

R.T.: 8.272 min  
Delta R.T.: 0.000 min  
Response: 3769840254  
Conc: 398.24 ng/ml

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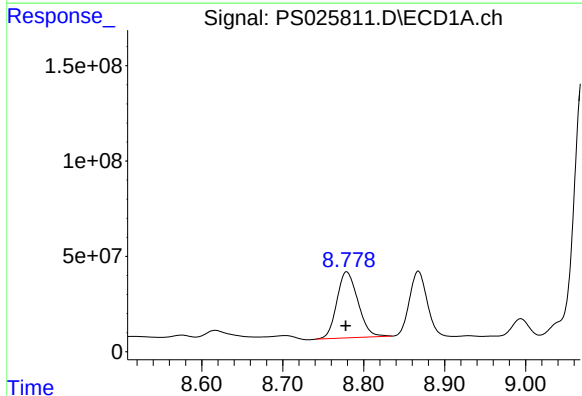
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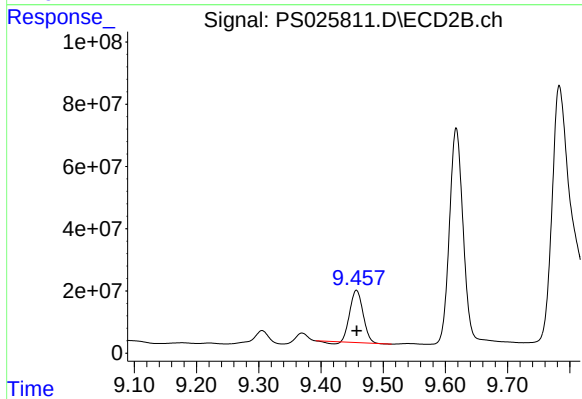
#12 2,4,5-T

R.T.: 8.953 min  
Delta R.T.: -0.002 min  
Response: 1701975240  
Conc: 409.36 ng/ml



#13 2,4-DB

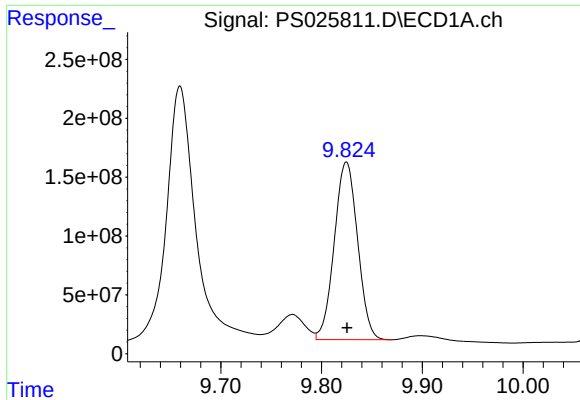
R.T.: 8.780 min  
Delta R.T.: 0.002 min  
Response: 625121674  
Conc: 540.07 ng/ml



#13 2,4-DB

R.T.: 9.457 min  
Delta R.T.: 0.000 min  
Response: 240670435  
Conc: 543.32 ng/ml





#14 DINOSEB

R.T.: 9.825 min  
Delta R.T.: 0.000 min  
Response: 2425124168  
Conc: 360.85 ng/ml

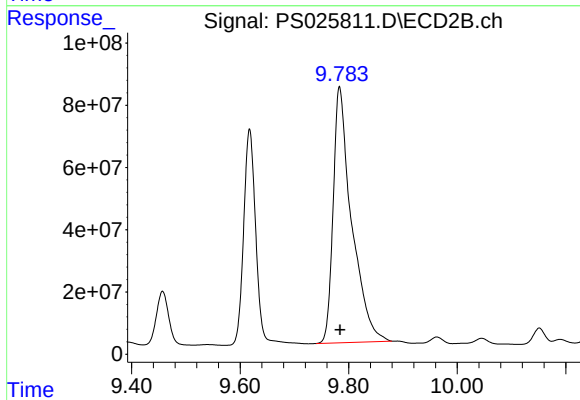
Instrument :

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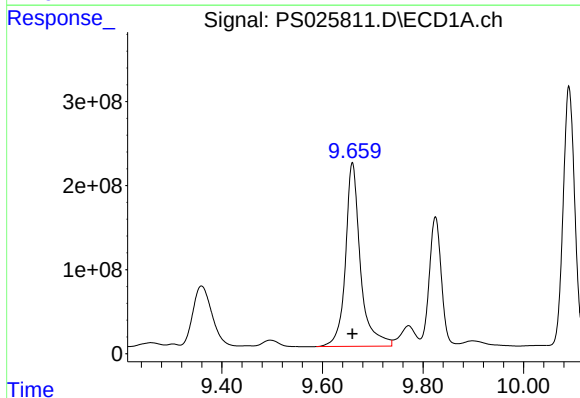
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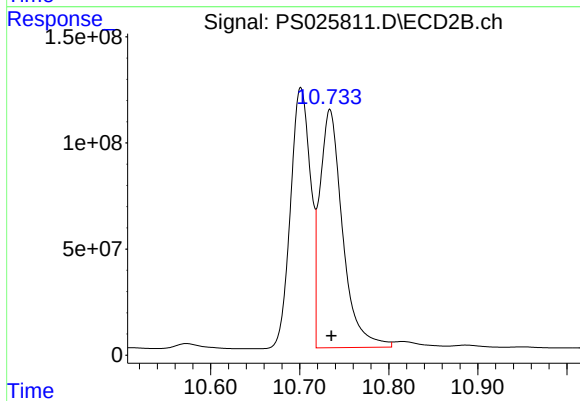
#14 DINOSEB

R.T.: 9.783 min  
Delta R.T.: -0.001 min  
Response: 1938467154  
Conc: 674.22 ng/ml



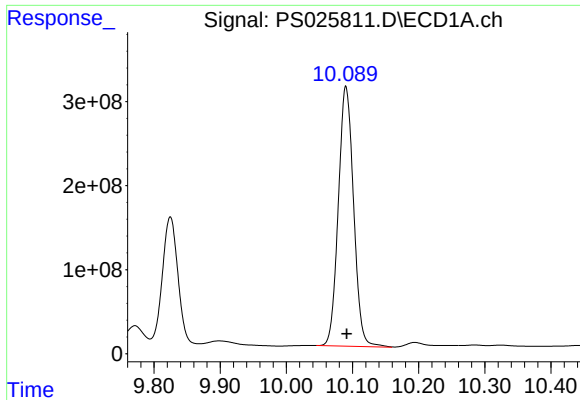
#15 Picloram

R.T.: 9.659 min  
Delta R.T.: 0.000 min  
Response: 4517761175  
Conc: 384.14 ng/ml m



#15 Picloram

R.T.: 10.734 min  
Delta R.T.: -0.002 min  
Response: 1990131401  
Conc: 370.10 ng/ml



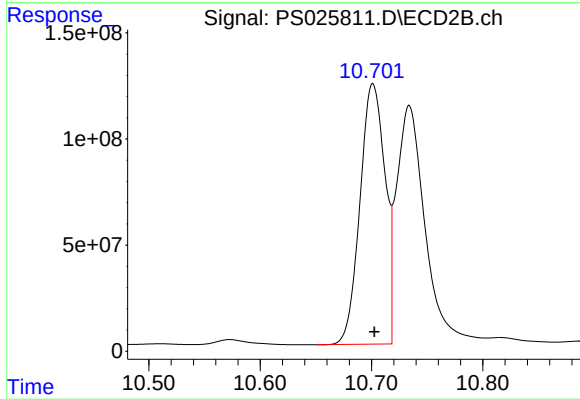
#16 DCPA

R.T.: 10.089 min  
Delta R.T.: -0.002 min  
Response: 4955311874  
Conc: 422.67 ng/ml

Instrument :  
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#16 DCPA

R.T.: 10.701 min  
Delta R.T.: -0.001 min  
Response: 1919715749  
Conc: 386.70 ng/ml