

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071525\  
 Data File : PS031052.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2025 03:13  
 Operator : AR\AJ  
 Sample : Q2489-01MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 G4(0-6)MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025  
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 03:40:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071125.M  
 Quant Title : 8080.M  
 QLast Update : Mon Jul 14 05:51:06 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     | 7.329  | 7.767  | 1626.6E6  | 396.3E6   | 411.268  | 382.556  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.687  | 2.705  | 3337.0E6  | 1785.7E6  | 547.793m | 628.119m |
| 2) T                        | 3,5-DICHL... | 6.491  | 6.713  | 2218.3E6  | 568.9E6   | 423.453  | 366.935  |
| 3) T                        | 4-Nitroph... | 7.128  | 7.300  | 593.9E6   | 585.8E6   | 439.952  | 335.919  |
| 5) T                        | DICAMBA      | 7.518  | 7.969  | 5968.6E6  | 2292.5E6  | 380.388  | 353.979  |
| 6) T                        | MCPD         | 7.697  | 8.066  | 330.2E6   | 66727929  | 35.885   | 31.211   |
| 7) T                        | MCPA         | 7.847  | 8.313  | 427.3E6   | 126.3E6   | 39.177   | 39.393   |
| 8) T                        | DICHLORPROP  | 8.230  | 8.688  | 1526.8E6  | 559.0E6   | 448.391  | 367.937  |
| 9) T                        | 2,4-D        | 8.461  | 9.025  | 1731.7E6  | 801.9E6   | 562.525  | 471.847  |
| 10) T                       | Pentachlo... | 8.768  | 9.548  | 23816.6E6 | 15565.9E6 | 473.853  | 403.940  |
| 11) T                       | 2,4,5-TP ... | 9.347  | 9.928  | 9687.9E6  | 7980.8E6  | 520.553  | 543.805  |
| 12) T                       | 2,4,5-T      | 9.641  | 10.356 | 7456.4E6  | 5607.5E6  | 490.124m | 400.768  |
| 13) T                       | 2,4-DB       | 10.219 | 10.923 | 1037.8E6  | 465.1E6   | 478.057m | 393.122  |
| 14) T                       | DINOSEB      | 11.432 | 11.307 | 4823.5E6  | 3634.2E6  | 365.864m | 320.148m |
| 15) T                       | Picloram     | 11.243 | 12.417 | 6966.9E6  | 9303.5E6  | 478.106  | 396.221m |
| 16) T                       | DCPA         | 11.727 | 12.351 | 9290.1E6  | 8928.7E6  | 388.105  | 395.918m |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS071525\  
Data File : PS031052.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2025 03:13  
Operator : AR\AJ  
Sample : Q2489-01MS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

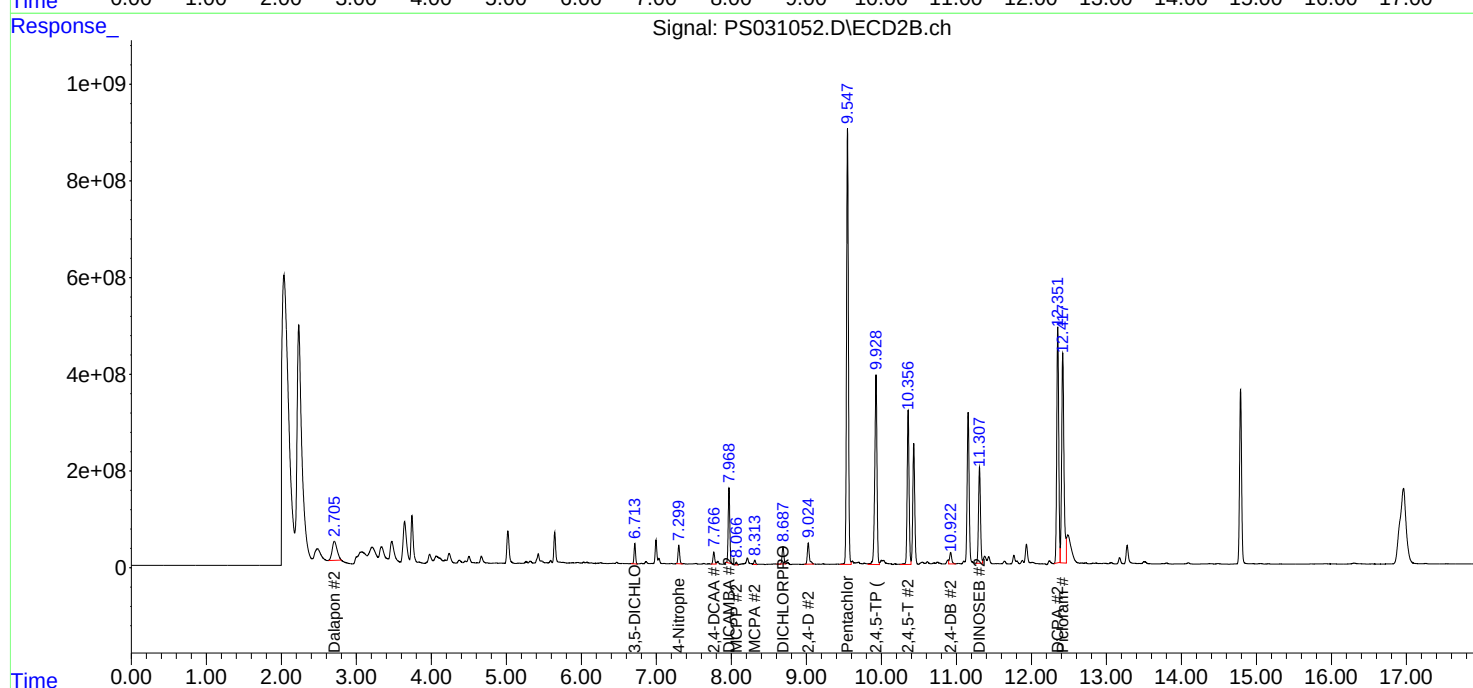
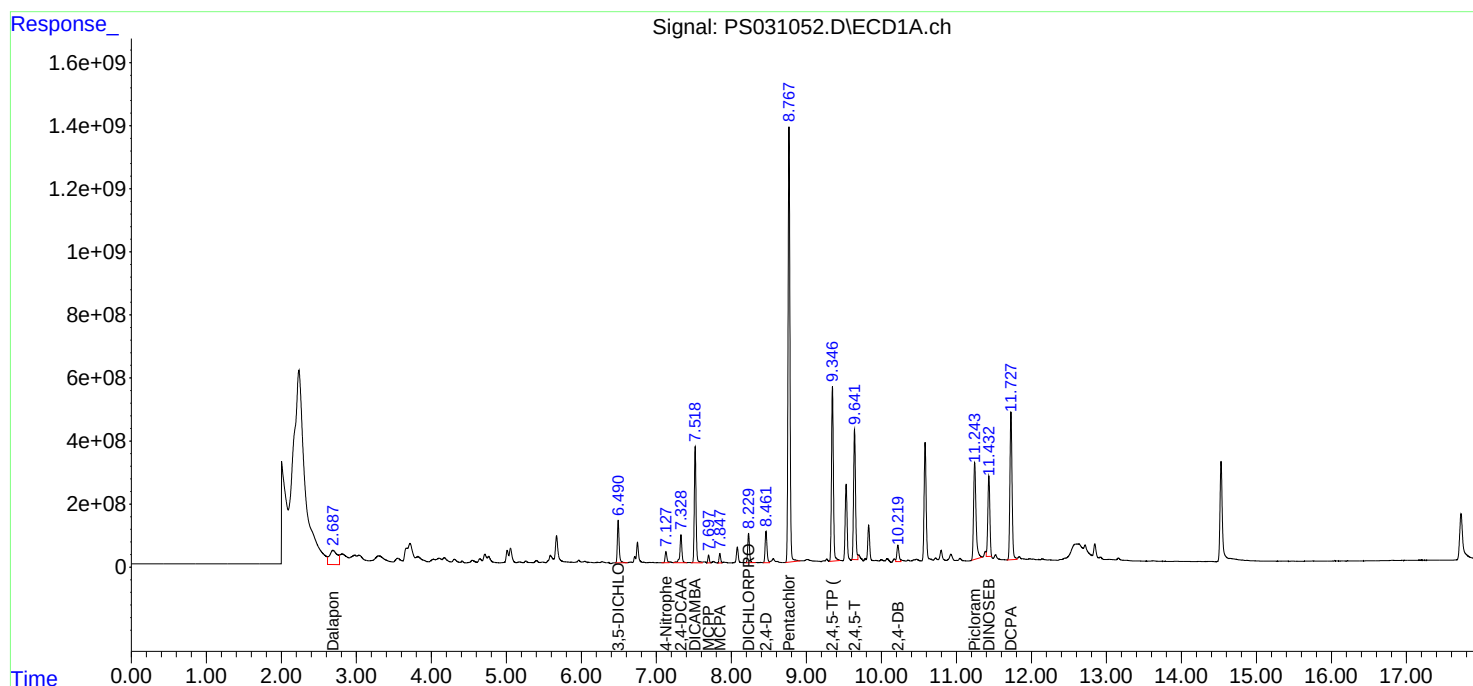
Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MS

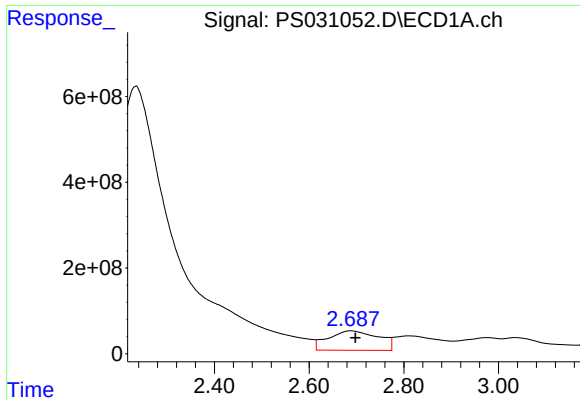
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/16/2025  
Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 03:40:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071125.M  
Quant Title : 8080.M  
QLast Update : Mon Jul 14 05:51:06 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





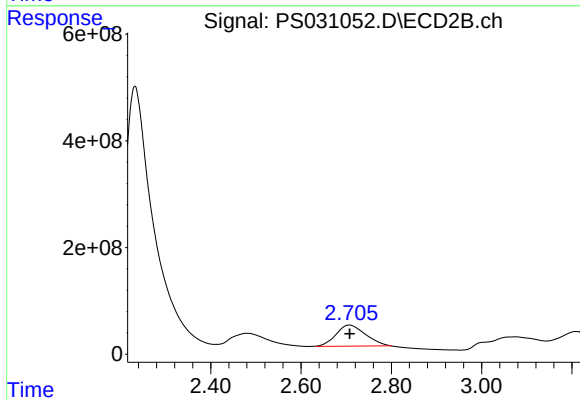
#1 Dalapon

R.T.: 2.687 min  
Delta R.T.: -0.011 min  
Response: 3337003012  
Conc: 547.79 ng/ml

**Instrument :**  
ECD\_S  
**ClientSampleId :**  
G4(0-6)MS

## Manual Integrations

Reviewed By :Abdul Mirza 07/16/2025  
Supervised By :mohammad ahmed 07/18/2025

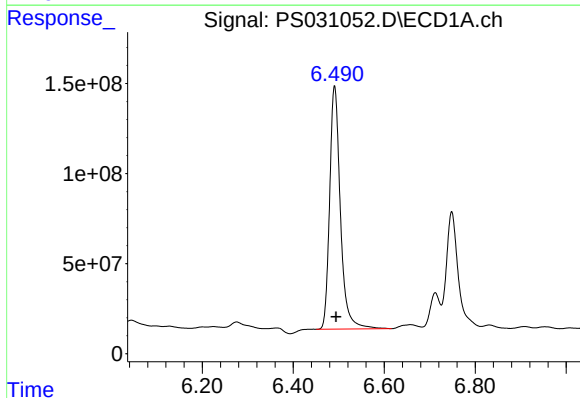


## #1 Dalapon

```

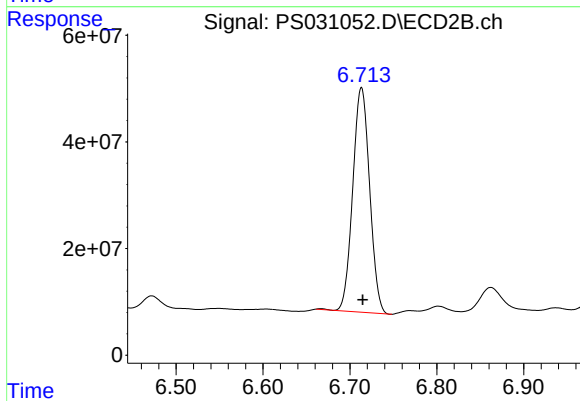
      R.T.:      2.705 min
Delta R.T.:    -0.003 min
  Response: 1785652700
      Conc: 628.12 ng/ml m

```



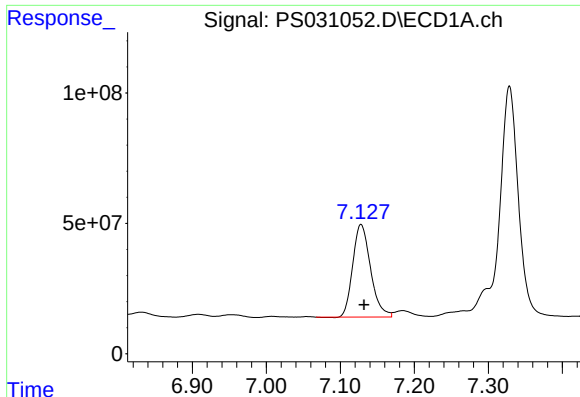
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.491 min  
Delta R.T.: -0.003 min  
Response: 2218298614  
Conc: 423.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min  
Delta R.T.: -0.002 min  
Response: 568873567  
Conc: 366.94 ng/ml



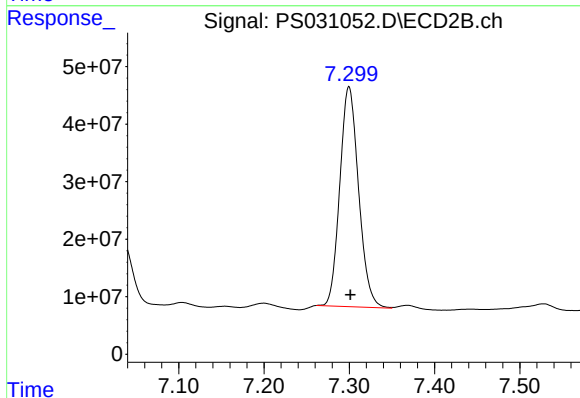
#3 4-Nitrophenol

R.T.: 7.128 min  
Delta R.T.: -0.004 min  
Response: 593938656  
Conc: 439.95 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MS

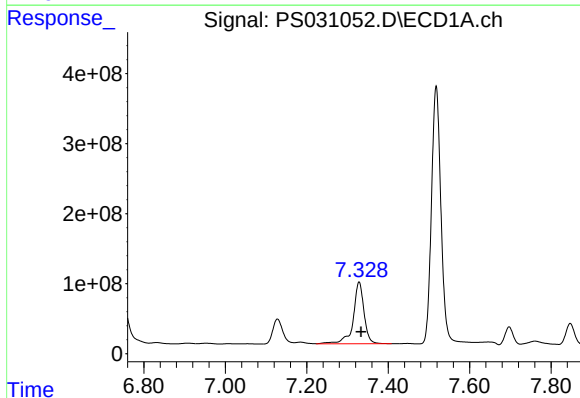
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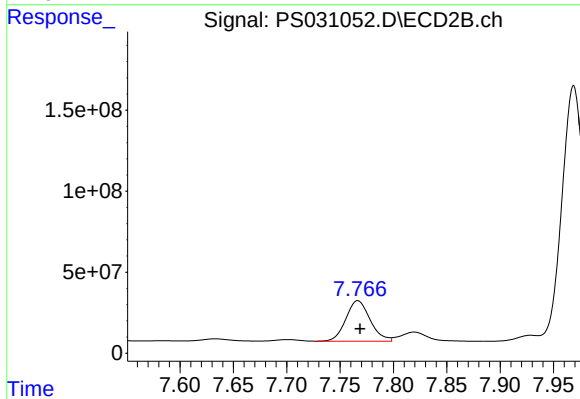
#3 4-Nitrophenol

R.T.: 7.300 min  
Delta R.T.: -0.002 min  
Response: 585804691  
Conc: 335.92 ng/ml



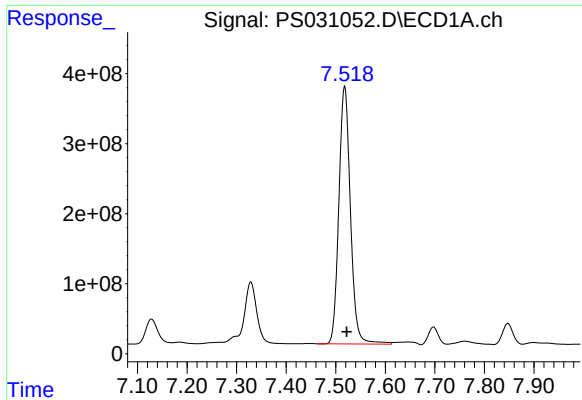
#4 2,4-DCAA

R.T.: 7.329 min  
Delta R.T.: -0.004 min  
Response: 1626596273  
Conc: 411.27 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min  
Delta R.T.: -0.002 min  
Response: 396340252  
Conc: 382.56 ng/ml



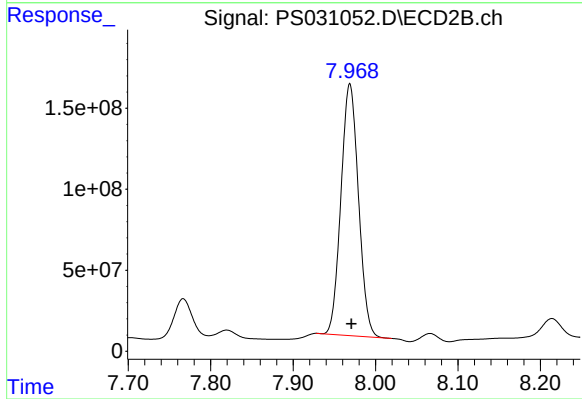
#5 DICAMBA

R.T.: 7.518 min  
Delta R.T.: -0.004 min  
Response: 5968642114  
Conc: 380.39 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MS

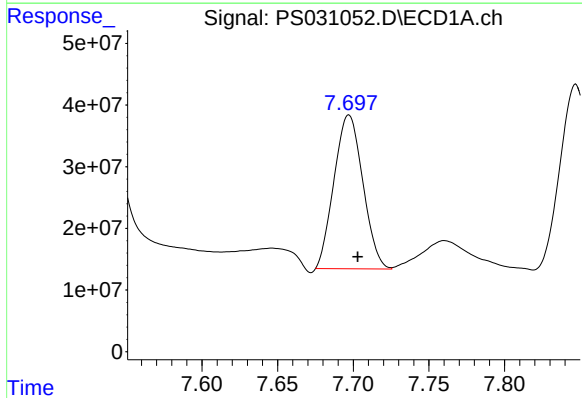
Manual Integrations  
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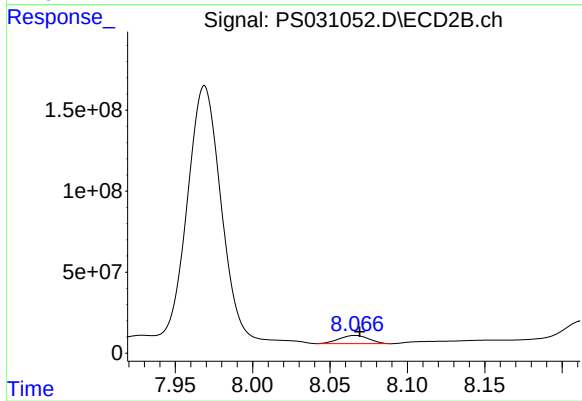
#5 DICAMBA

R.T.: 7.969 min  
Delta R.T.: -0.002 min  
Response: 2292516685  
Conc: 353.98 ng/ml



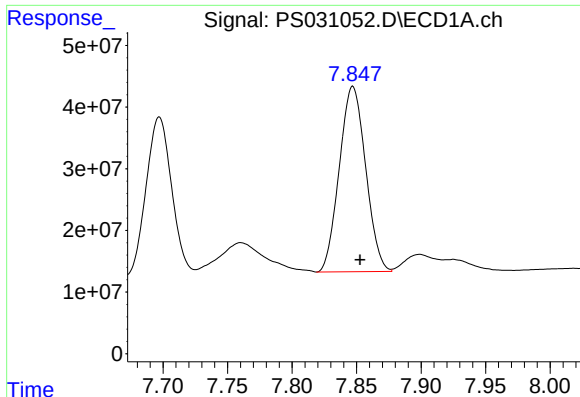
#6 MCPP

R.T.: 7.697 min  
Delta R.T.: -0.006 min  
Response: 330191011  
Conc: 35.89 ug/ml



#6 MCPP

R.T.: 8.066 min  
Delta R.T.: -0.003 min  
Response: 66727929  
Conc: 31.21 ug/ml



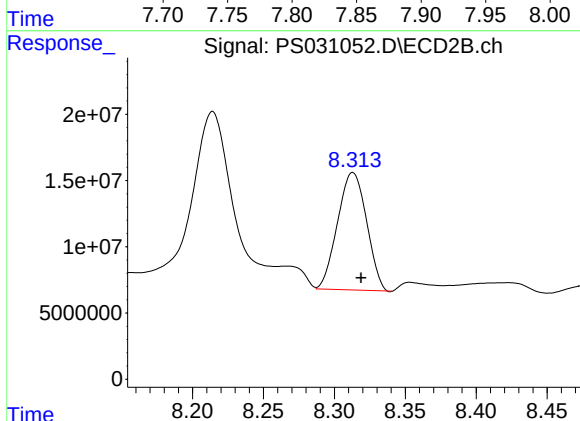
#7 MCPA

R.T.: 7.847 min  
Delta R.T.: -0.006 min  
Response: 427295357  
Conc: 39.18 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MS

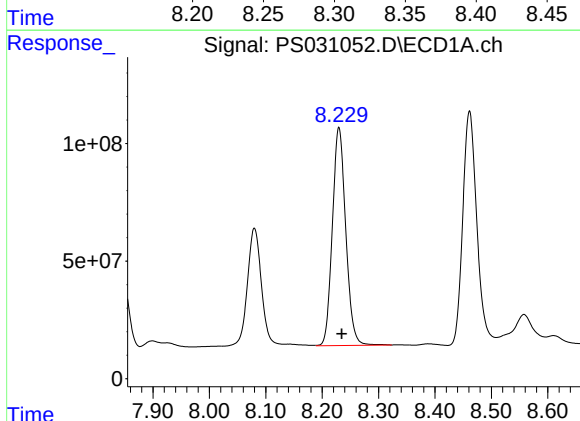
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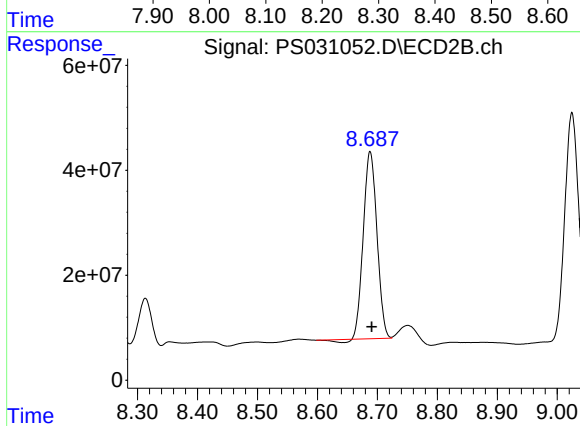
#7 MCPA

R.T.: 8.313 min  
Delta R.T.: -0.006 min  
Response: 126280549  
Conc: 39.39 ug/ml



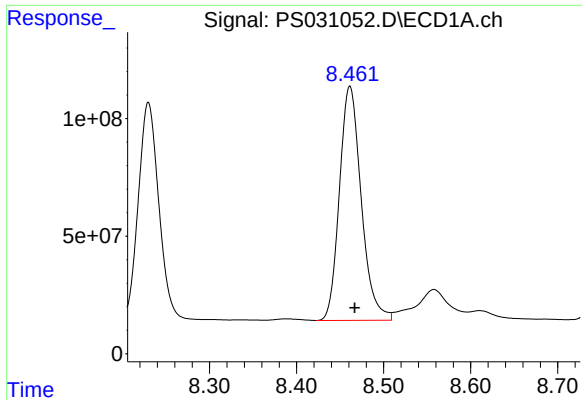
#8 DICHLORPROP

R.T.: 8.230 min  
Delta R.T.: -0.005 min  
Response: 1526840343  
Conc: 448.39 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min  
Delta R.T.: -0.002 min  
Response: 558992489  
Conc: 367.94 ng/ml



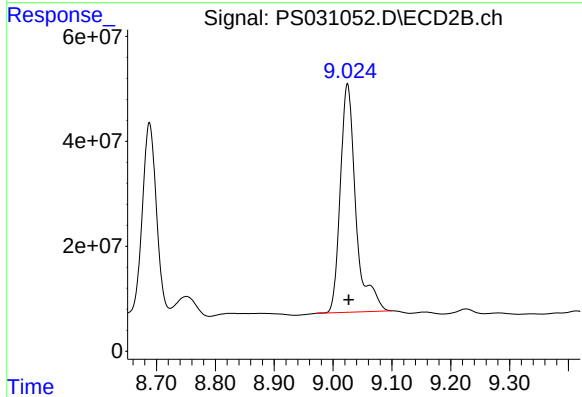
#9 2,4-D

R.T.: 8.461 min  
Delta R.T.: -0.006 min  
Response: 1731697899  
Conc: 562.53 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MS

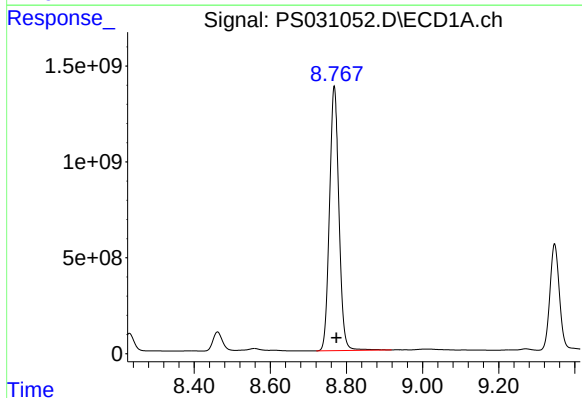
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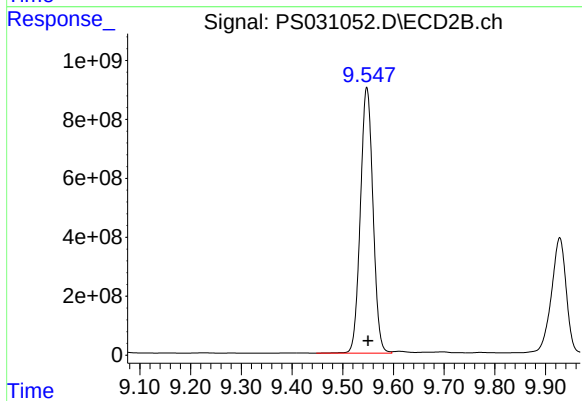
#9 2,4-D

R.T.: 9.025 min  
Delta R.T.: -0.002 min  
Response: 801886824  
Conc: 471.85 ng/ml



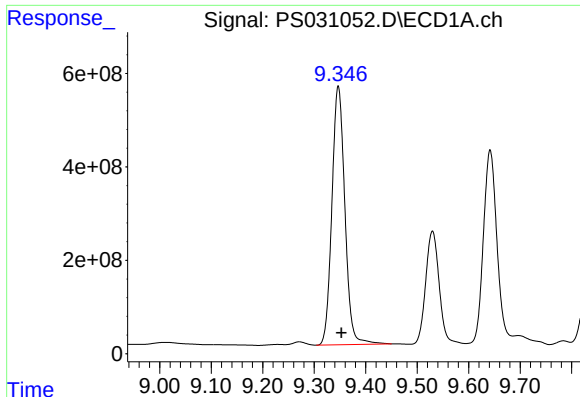
#10 Pentachlorophenol

R.T.: 8.768 min  
Delta R.T.: -0.005 min  
Response: 23816606169  
Conc: 473.85 ng/ml



#10 Pentachlorophenol

R.T.: 9.548 min  
Delta R.T.: -0.003 min  
Response: 15565852747  
Conc: 403.94 ng/ml



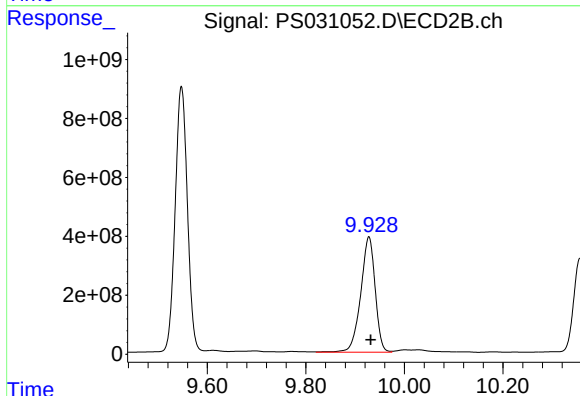
#11 2,4,5-TP (SILVEX)

R.T.: 9.347 min  
Delta R.T.: -0.006 min  
Response: 9687871732  
Conc: 520.55 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MS

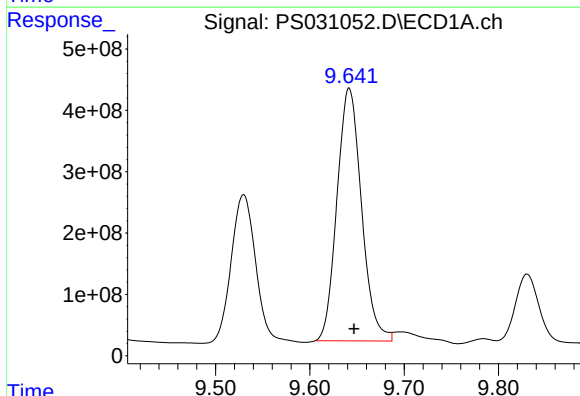
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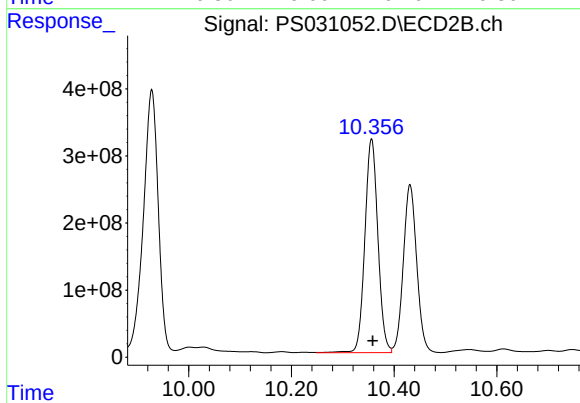
#11 2,4,5-TP (SILVEX)

R.T.: 9.928 min  
Delta R.T.: -0.004 min  
Response: 7980760877  
Conc: 543.81 ng/ml



#12 2,4,5-T

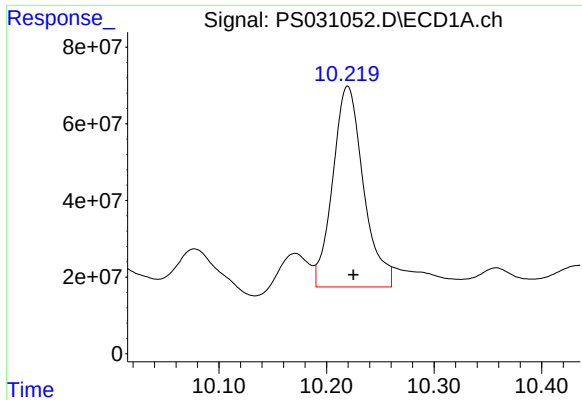
R.T.: 9.641 min  
Delta R.T.: -0.006 min  
Response: 7456410255  
Conc: 490.12 ng/ml m



#12 2,4,5-T

R.T.: 10.356 min  
Delta R.T.: -0.002 min  
Response: 5607468048  
Conc: 400.77 ng/ml





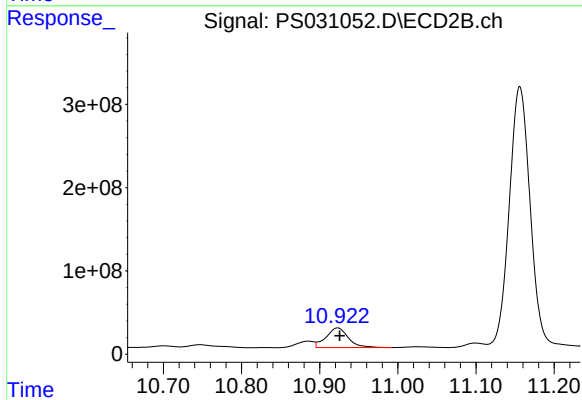
#13 2,4-DB

R.T.: 10.219 min  
Delta R.T.: -0.006 min  
Response: 1037761712  
Conc: 478.06 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MS

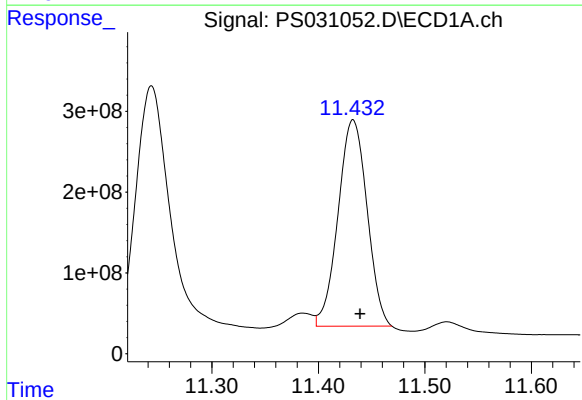
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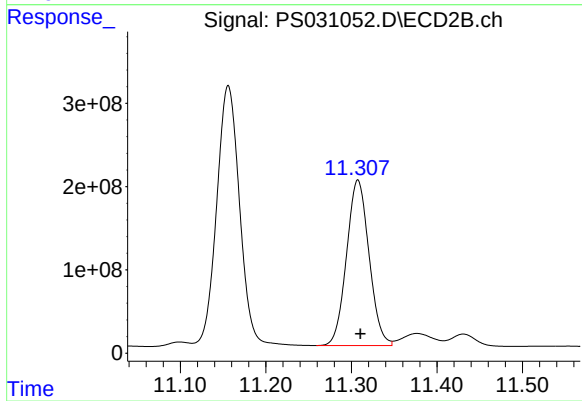
#13 2,4-DB

R.T.: 10.923 min  
Delta R.T.: -0.003 min  
Response: 465135139  
Conc: 393.12 ng/ml



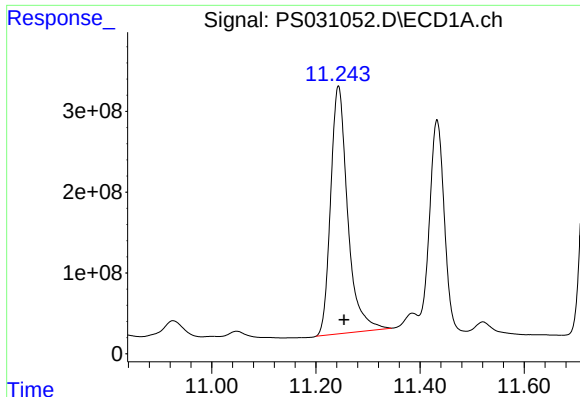
#14 DINOSEB

R.T.: 11.432 min  
Delta R.T.: -0.007 min  
Response: 4823517805  
Conc: 365.86 ng/ml m



#14 DINOSEB

R.T.: 11.307 min  
Delta R.T.: -0.003 min  
Response: 3634165213  
Conc: 320.15 ng/ml m



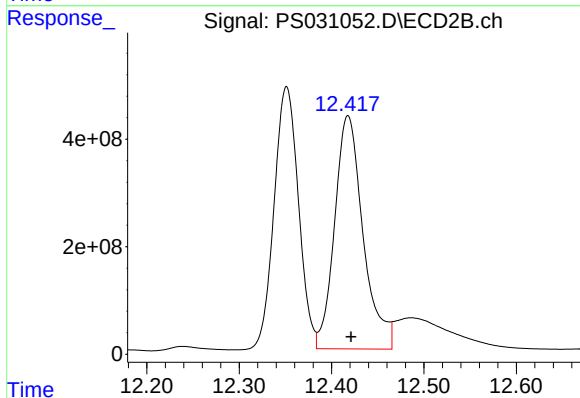
#15 Picloram

R.T.: 11.243 min  
Delta R.T.: -0.010 min  
Response: 6966938253  
Conc: 478.11 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
G4(0-6)MS

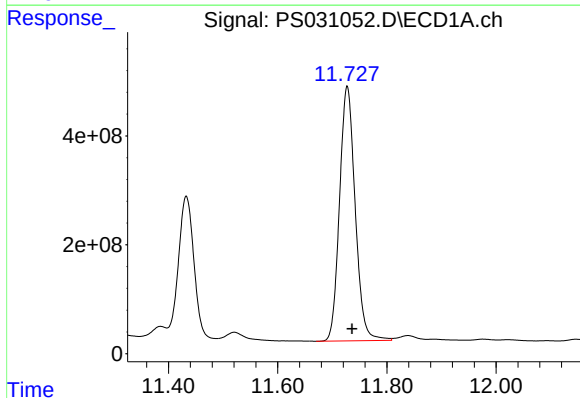
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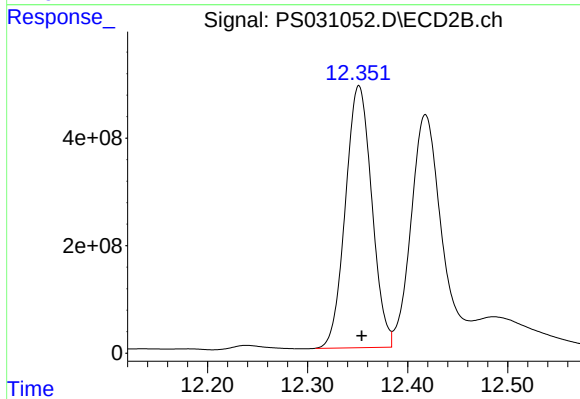
#15 Picloram

R.T.: 12.417 min  
Delta R.T.: -0.004 min  
Response: 9303541571  
Conc: 396.22 ng/ml m



#16 DCPA

R.T.: 11.727 min  
Delta R.T.: -0.009 min  
Response: 9290141545  
Conc: 388.11 ng/ml



#16 DCPA

R.T.: 12.351 min  
Delta R.T.: -0.003 min  
Response: 8928729334  
Conc: 395.92 ng/ml m