

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
 Data File : PS030747.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2025 17:07  
 Operator : AR\AJ  
 Sample : Q2312-01MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-1MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/19/2025  
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 19 05:15:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 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     | 7.348  | 7.768  | 1478.9E6  | 413.2E6   | 402.496  | 385.492m  |
| Target Compounds            |              |        |        |           |           |          |           |
| 1) T                        | Dalapon      | 2.704  | 2.708  | 1280.6E6  | 1488.7E6  | 214.663m | 542.968m# |
| 2) T                        | 3,5-DICHL... | 6.507  | 6.713  | 1840.5E6  | 554.4E6   | 342.262  | 343.686m  |
| 3) T                        | 4-Nitroph... | 7.148  | 7.305  | 17128147  | 12144229  | 10.863   | 7.005m#   |
| 5) T                        | DICAMBA      | 7.540  | 7.971  | 5107.8E6  | 2144.4E6  | 335.708  | 327.230   |
| 6) T                        | MCP          | 7.719  | 8.068  | 270.4E6   | 57199553  | 28.805   | 27.273    |
| 7) T                        | MCPA         | 7.870  | 8.316  | 367.0E6   | 90388768  | 31.284   | 28.734    |
| 8) T                        | DICHLORPROP  | 8.253  | 8.689  | 1335.3E6  | 528.8E6   | 356.481  | 336.295m  |
| 9) T                        | 2,4-D        | 8.486  | 9.025  | 1446.8E6  | 672.7E6   | 420.043  | 395.831m  |
| 10) T                       | Pentachlo... | 8.793  | 9.551  | 17701.8E6 | 11903.4E6 | 334.467  | 312.244   |
| 11) T                       | 2,4,5-TP ... | 9.375  | 9.931  | 7943.7E6  | 6129.0E6  | 396.584  | 424.780m  |
| 12) T                       | 2,4,5-T      | 9.669  | 10.357 | 6292.4E6  | 4868.9E6  | 382.444  | 356.315m  |
| 13) T                       | 2,4-DB       | 10.249 | 10.925 | 905.1E6   | 415.5E6   | 394.622  | 351.233m  |
| 14) T                       | DINOSEB      | 11.467 | 11.310 | 3515.5E6  | 2514.2E6  | 253.402  | 233.201   |
| 15) T                       | Picloram     | 11.275 | 12.419 | 5596.1E6  | 7207.8E6  | 348.098  | 310.125m  |
| 16) T                       | DCPA         | 11.762 | 12.355 | 8860.5E6  | 7566.6E6  | 345.893  | 343.266m  |
| -----                       |              |        |        |           |           |          |           |

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

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Data File : PS030747.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 17:07  
Operator : AR\AJ  
Sample : Q2312-01MS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

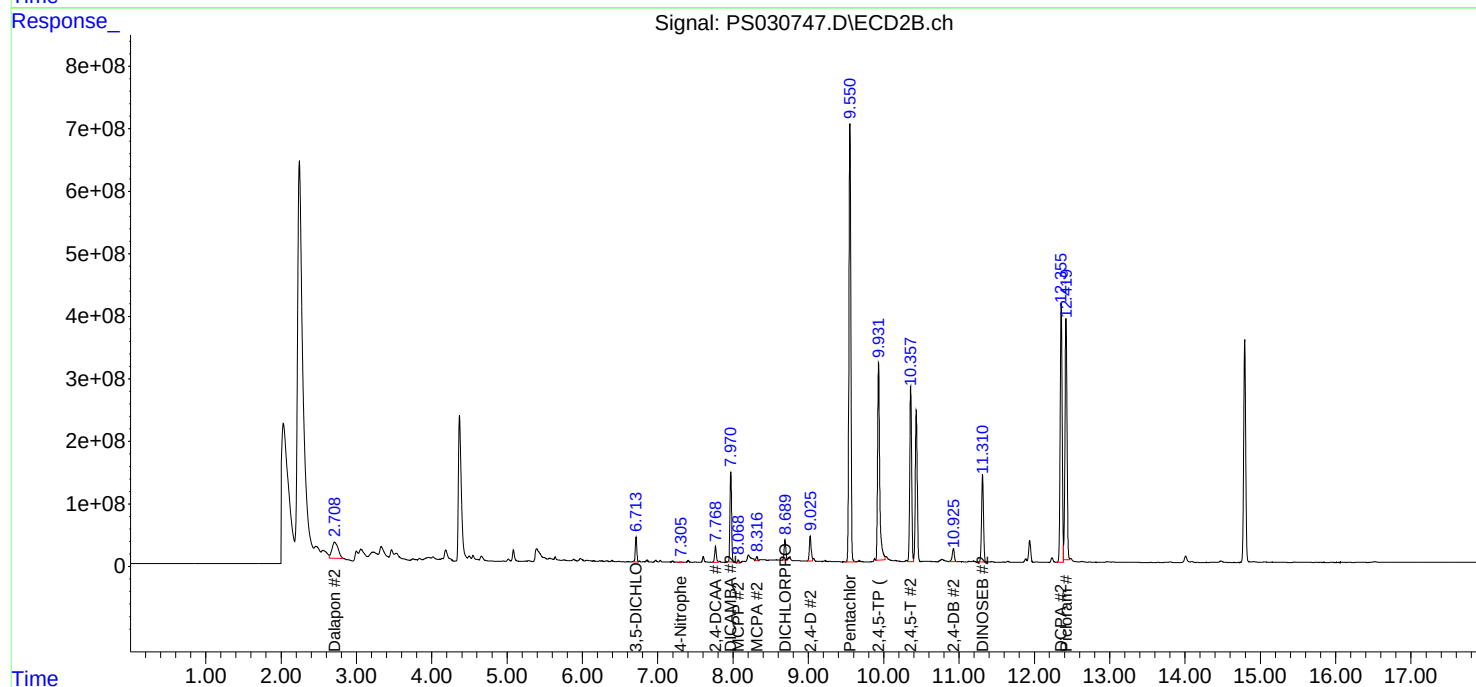
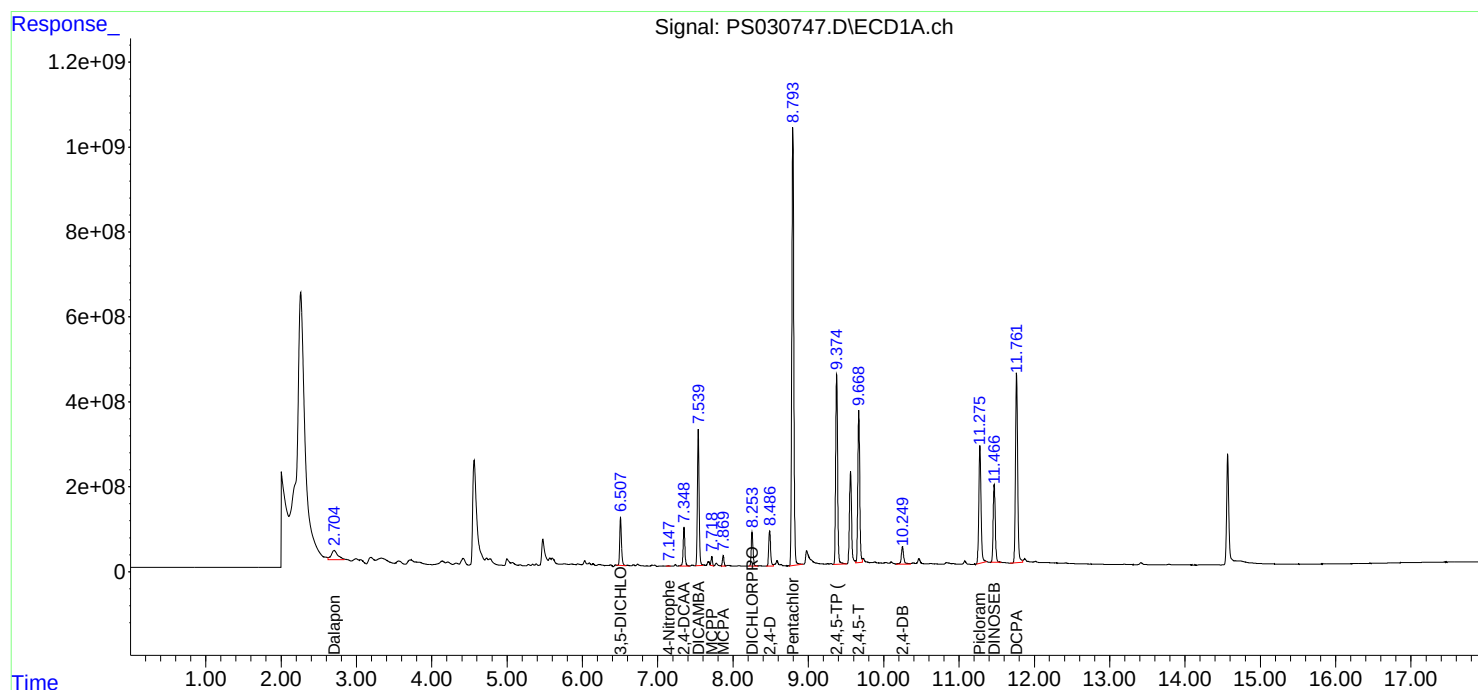
Instrument :  
ECD\_S  
ClientSampleId :  
TP-1MS

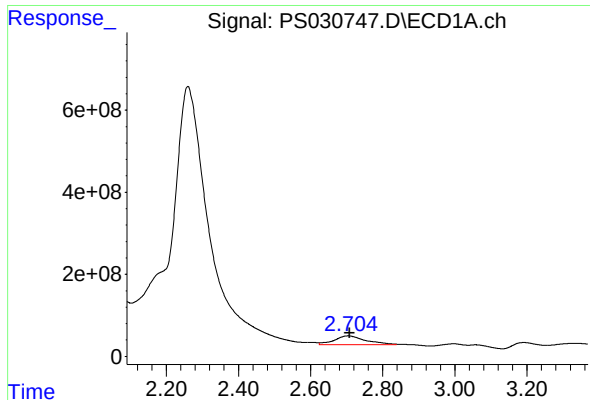
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 05:15:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 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





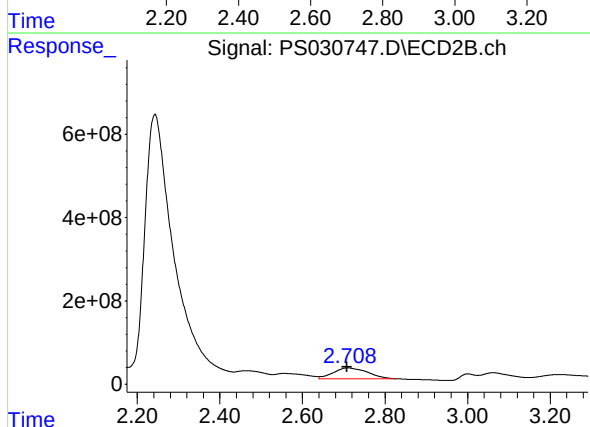
#1 Dalapon

R.T.: 2.704 min  
Delta R.T.: -0.004 min  
Response: 1280599878  
Conc: 214.66 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-1MS

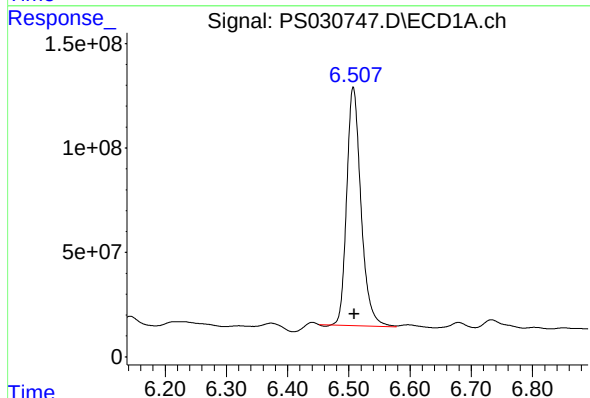
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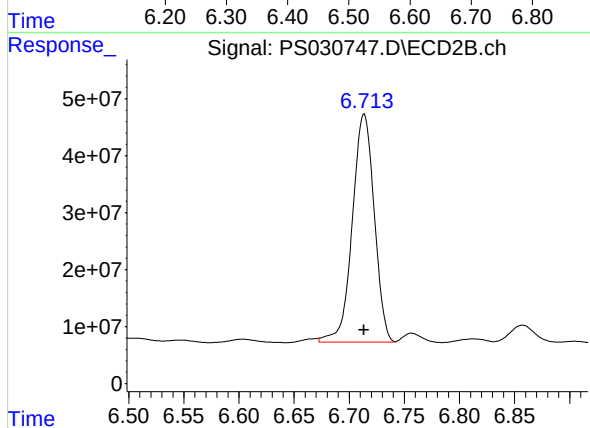
#1 Dalapon

R.T.: 2.708 min  
Delta R.T.: 0.000 min  
Response: 1488677754  
Conc: 542.97 ng/ml m



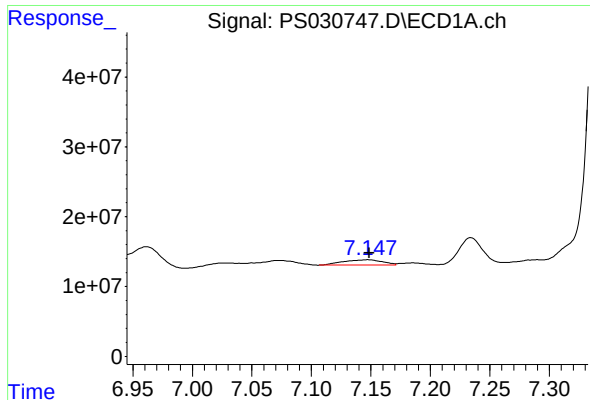
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.507 min  
Delta R.T.: -0.002 min  
Response: 1840532655  
Conc: 342.26 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 554417554  
Conc: 343.69 ng/ml m



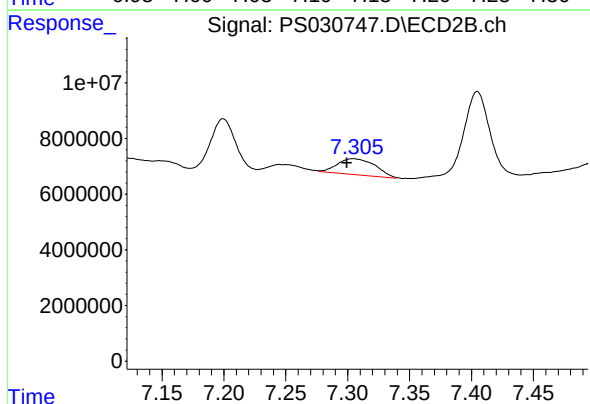
#3 4-Nitrophenol

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 17128147  
Conc: 10.86 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-1MS

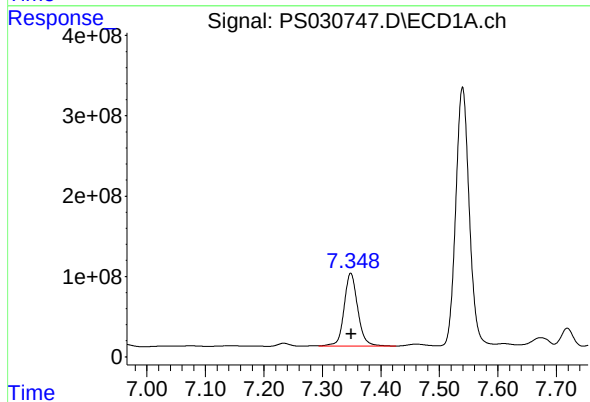
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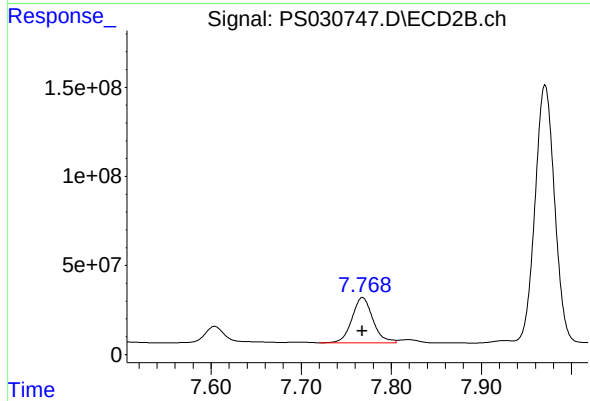
#3 4-Nitrophenol

R.T.: 7.305 min  
Delta R.T.: 0.006 min  
Response: 12144229  
Conc: 7.01 ng/ml m



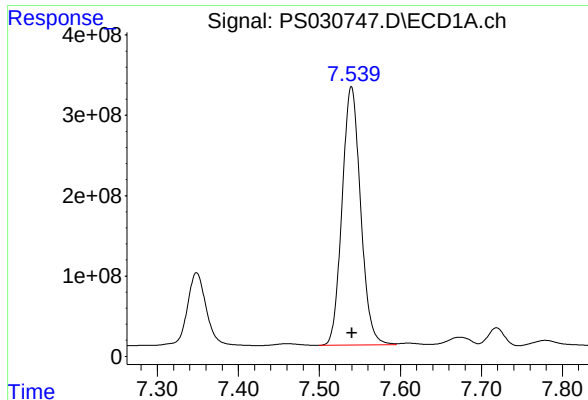
#4 2,4-DCAA

R.T.: 7.348 min  
Delta R.T.: -0.001 min  
Response: 1478930873  
Conc: 402.50 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 413233014  
Conc: 385.49 ng/ml m



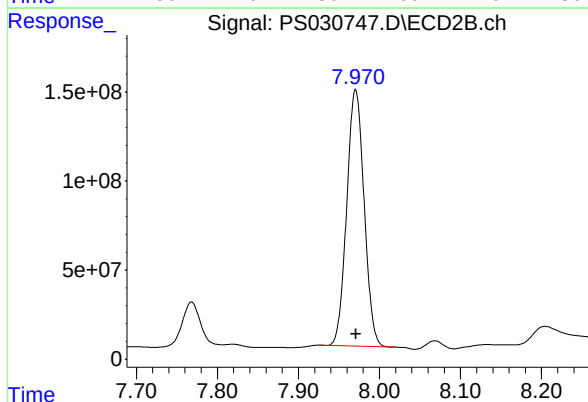
#5 DICAMBA

R.T.: 7.540 min  
Delta R.T.: 0.000 min  
Response: 5107828557  
Conc: 335.71 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-1MS

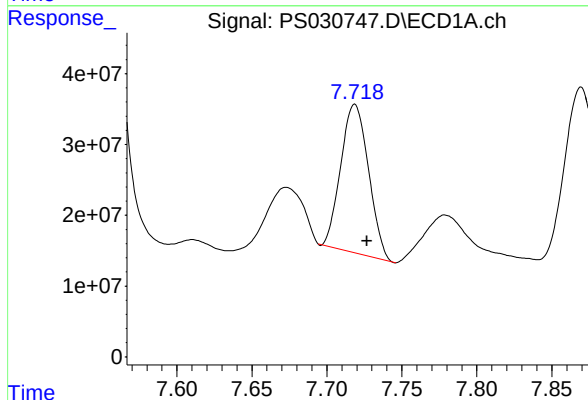
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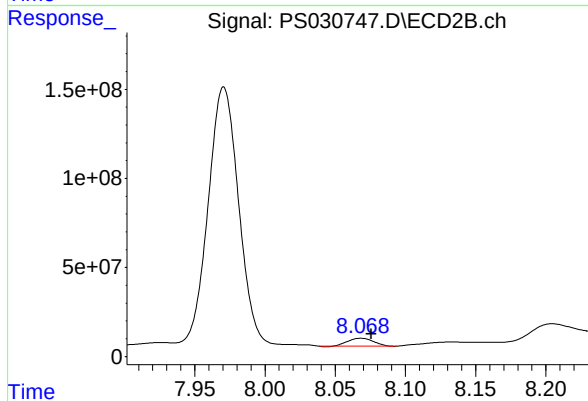
#5 DICAMBA

R.T.: 7.971 min  
Delta R.T.: 0.000 min  
Response: 2144408175  
Conc: 327.23 ng/ml



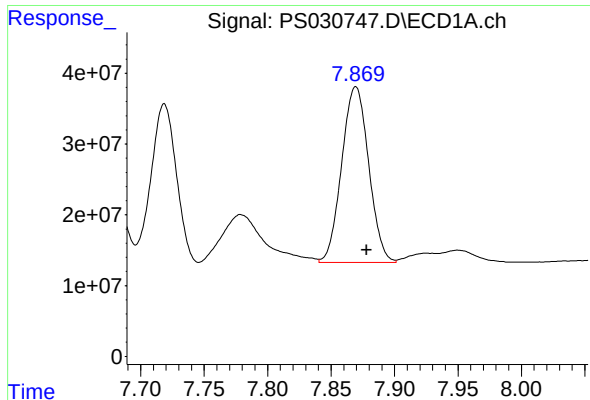
#6 MCPP

R.T.: 7.719 min  
Delta R.T.: -0.008 min  
Response: 270431526  
Conc: 28.81 ug/ml



#6 MCPP

R.T.: 8.068 min  
Delta R.T.: -0.007 min  
Response: 57199553  
Conc: 27.27 ug/ml



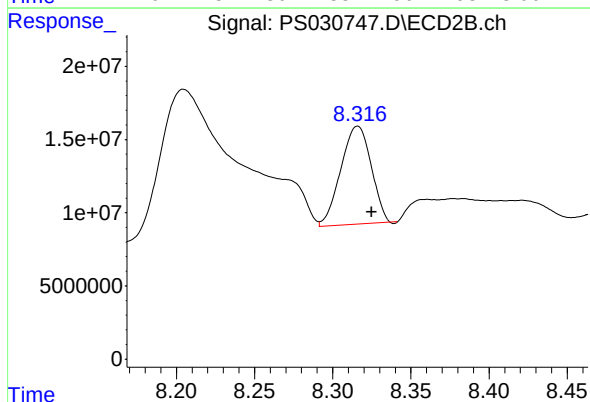
#7 MCPA

R.T.: 7.870 min  
Delta R.T.: -0.009 min  
Response: 366974410  
Conc: 31.28 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-1MS

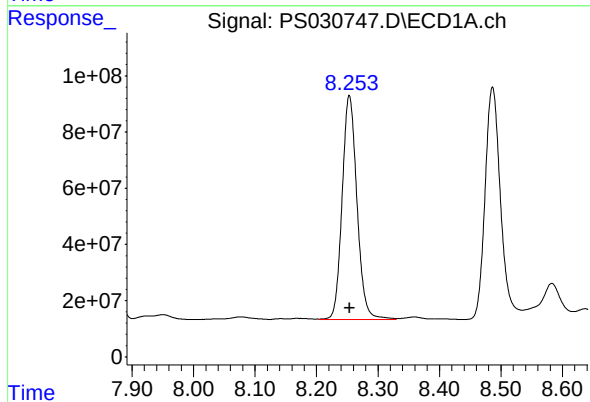
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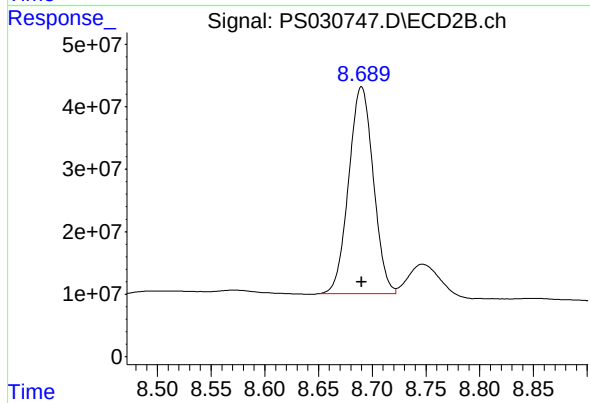
#7 MCPA

R.T.: 8.316 min  
Delta R.T.: -0.009 min  
Response: 90388768  
Conc: 28.73 ug/ml



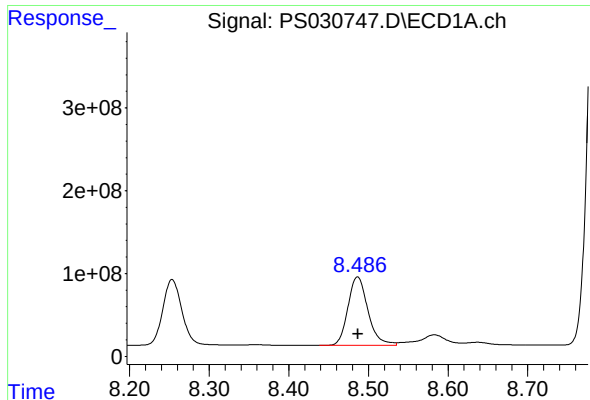
#8 DICHLORPROP

R.T.: 8.253 min  
Delta R.T.: -0.001 min  
Response: 1335293803  
Conc: 356.48 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min  
Delta R.T.: 0.000 min  
Response: 528822105  
Conc: 336.29 ng/ml m



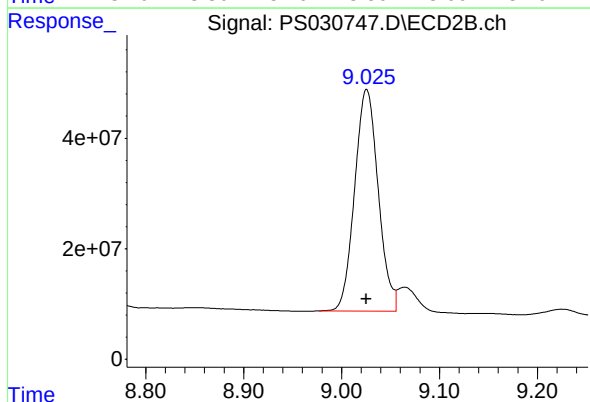
#9 2,4-D

R.T.: 8.486 min  
Delta R.T.: 0.000 min  
Response: 1446800397  
Conc: 420.04 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-1MS

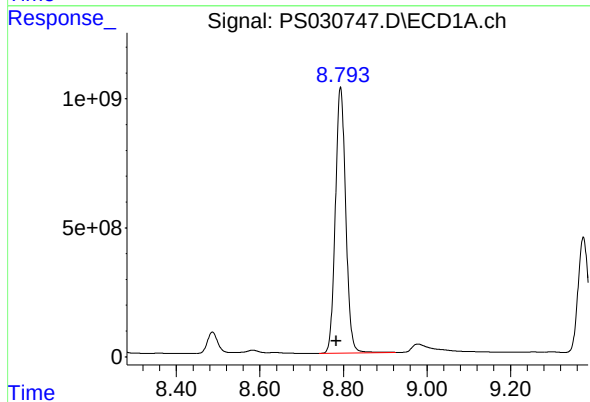
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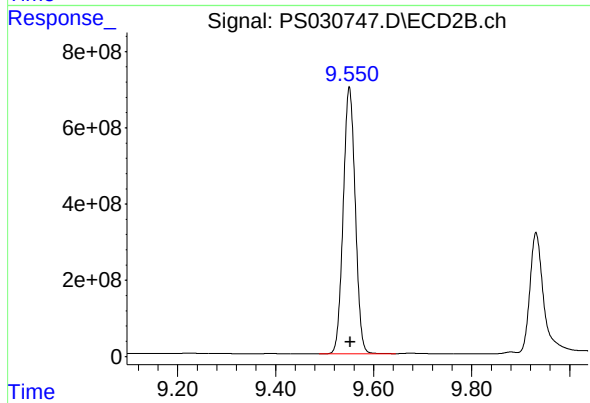
#9 2,4-D

R.T.: 9.025 min  
Delta R.T.: 0.000 min  
Response: 672678052  
Conc: 395.83 ng/ml m



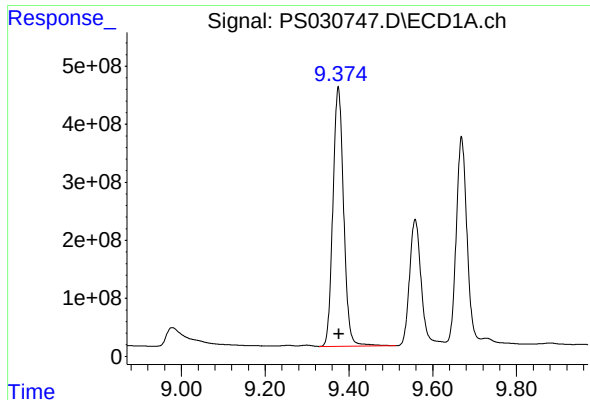
#10 Pentachlorophenol

R.T.: 8.793 min  
Delta R.T.: 0.010 min  
Response: 17701798612  
Conc: 334.47 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min  
Delta R.T.: -0.002 min  
Response: 11903409749  
Conc: 312.24 ng/ml



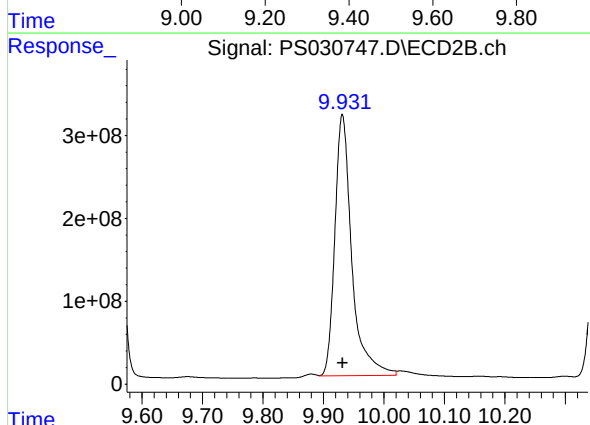
#11 2,4,5-TP (SILVEX)

R.T.: 9.375 min  
Delta R.T.: -0.002 min  
Response: 7943735535  
Conc: 396.58 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-1MS

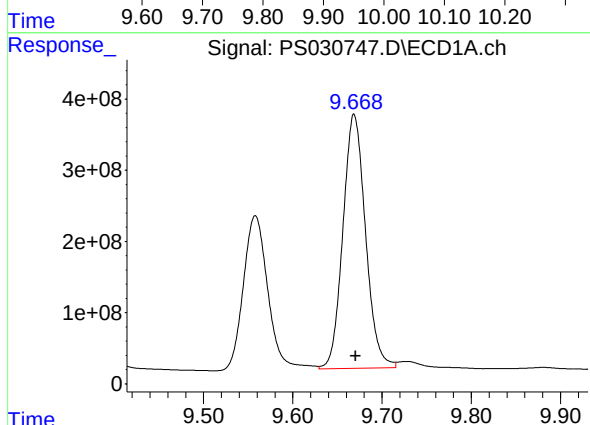
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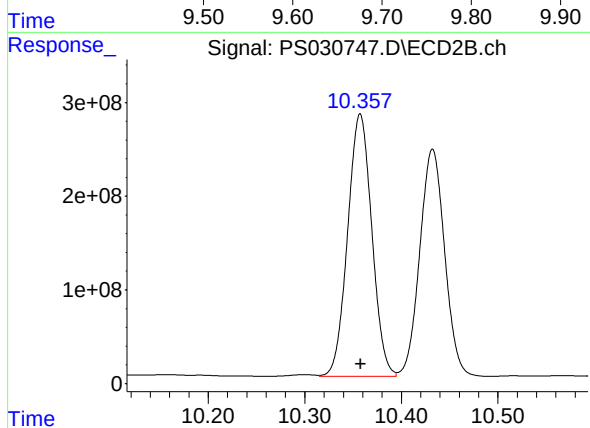
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min  
Delta R.T.: 0.000 min  
Response: 6129031307  
Conc: 424.78 ng/ml m



#12 2,4,5-T

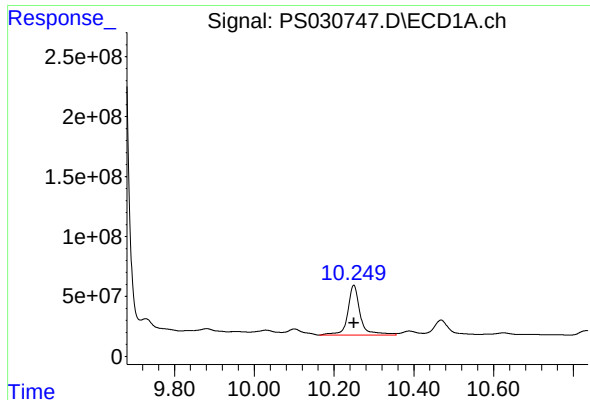
R.T.: 9.669 min  
Delta R.T.: -0.002 min  
Response: 6292415392  
Conc: 382.44 ng/ml



#12 2,4,5-T

R.T.: 10.357 min  
Delta R.T.: 0.000 min  
Response: 4868914306  
Conc: 356.32 ng/ml m





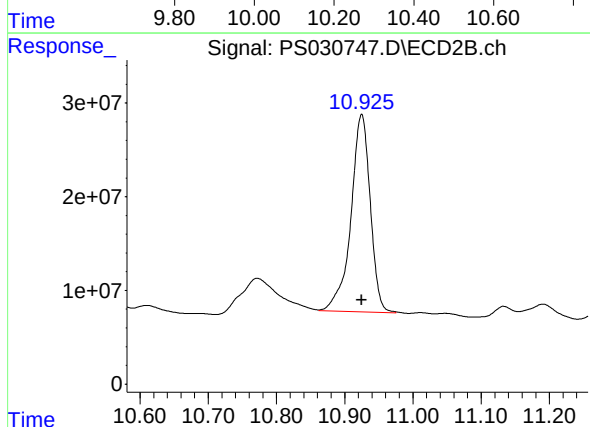
#13 2,4-DB

R.T.: 10.249 min  
Delta R.T.: 0.000 min  
Response: 905066429  
Conc: 394.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-1MS

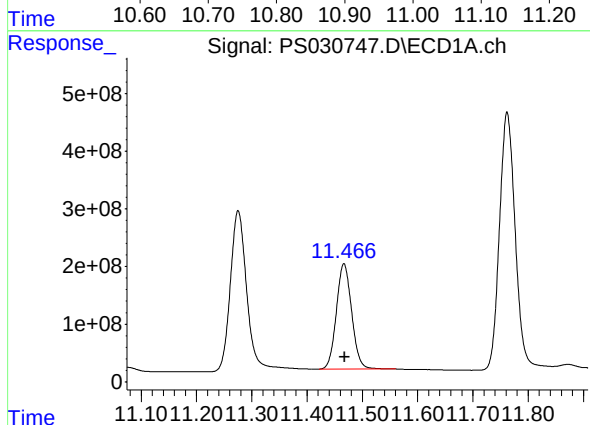
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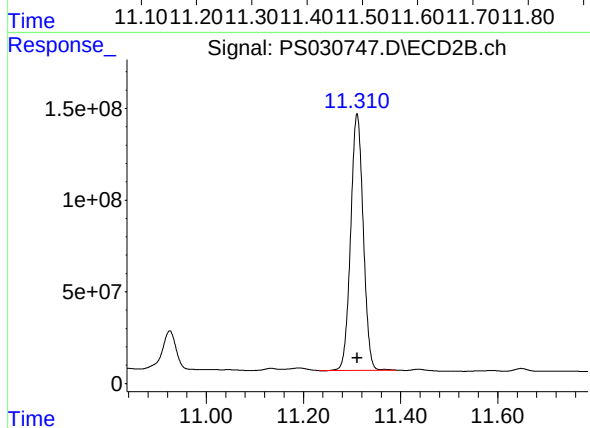
#13 2,4-DB

R.T.: 10.925 min  
Delta R.T.: 0.000 min  
Response: 415474595  
Conc: 351.23 ng/ml m



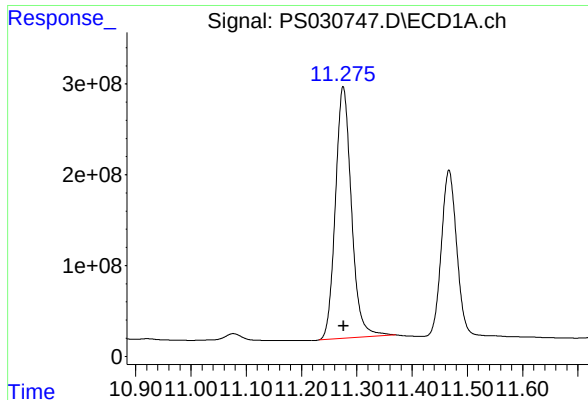
#14 DINOSEB

R.T.: 11.467 min  
Delta R.T.: -0.002 min  
Response: 3515487186  
Conc: 253.40 ng/ml



#14 DINOSEB

R.T.: 11.310 min  
Delta R.T.: 0.000 min  
Response: 2514199883  
Conc: 233.20 ng/ml



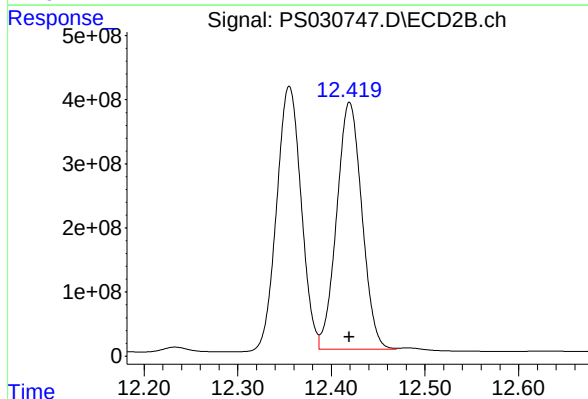
#15 Picloram

R.T.: 11.275 min  
Delta R.T.: -0.001 min  
Response: 5596057395  
Conc: 348.10 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-1MS

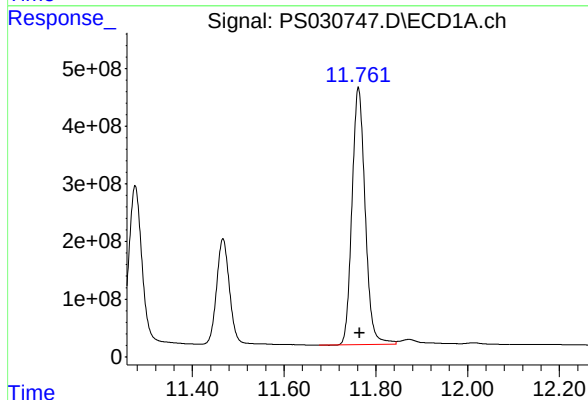
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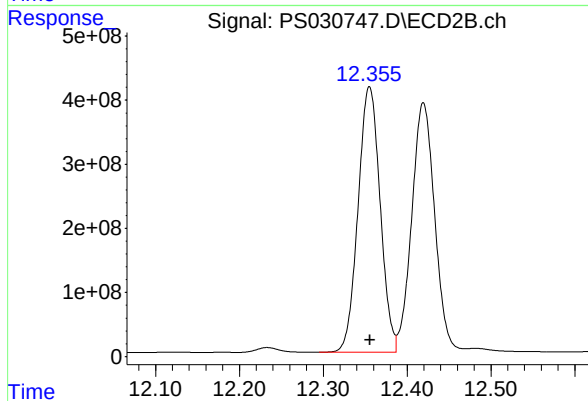
#15 Picloram

R.T.: 12.419 min  
Delta R.T.: 0.000 min  
Response: 7207752024  
Conc: 310.13 ng/ml m



#16 DCPA

R.T.: 11.762 min  
Delta R.T.: -0.003 min  
Response: 8860478395  
Conc: 345.89 ng/ml



#16 DCPA

R.T.: 12.355 min  
Delta R.T.: -0.001 min  
Response: 7566550408  
Conc: 343.27 ng/ml m