

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061625\  
 Data File : PS030703.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2025 19:50  
 Operator : AR\AJ  
 Sample : Q2301-03MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 WC-URBAN-FILL-CMS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/17/2025  
 Supervised By : mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 17 04:15:40 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061625.M  
 Quant Title : 8080.M  
 QLast Update : Mon Jun 16 11:52:28 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 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     | 7.350  | 7.768  | 1819.7E6  | 501.8E6   | 483.846  | 464.773    |
| Target Compounds            |              |        |        |           |           |          |            |
| 1) T                        | Dalapon      | 2.703  | 2.713  | 4914.5E6  | 4900.6E6  | 785.722  | 1741.407 # |
| 2) T                        | 3,5-DICHL... | 6.510  | 6.714  | 2259.9E6  | 666.9E6   | 415.649  | 412.287    |
| 5) T                        | DICAMBA      | 7.541  | 7.972  | 6338.3E6  | 2689.7E6  | 405.119  | 405.652    |
| 6) T                        | MCPPE        | 7.722  | 8.070  | 347.0E6   | 70266678  | 36.485   | 31.919     |
| 7) T                        | MCPA         | 7.872  | 8.317  | 472.5E6   | 122.9E6   | 39.649   | 38.345     |
| 8) T                        | DICHLORPROP  | 8.256  | 8.691  | 1625.2E6  | 670.4E6   | 442.189  | 437.491    |
| 9) T                        | 2,4-D        | 8.488  | 9.026  | 1825.4E6  | 754.0E6   | 536.826  | 449.741    |
| 10) T                       | Pentachlo... | 8.796  | 9.552  | 23132.9E6 | 15688.7E6 | 447.528  | 413.558    |
| 11) T                       | 2,4,5-TP ... | 9.377  | 9.933  | 10054.8E6 | 8314.9E6  | 502.567  | 579.253    |
| 12) T                       | 2,4,5-T      | 9.671  | 10.359 | 8333.0E6  | 6104.6E6  | 501.143  | 442.728    |
| 13) T                       | 2,4-DB       | 10.251 | 10.925 | 995.2E6   | 513.2E6   | 402.733m | 432.524m   |
| 14) T                       | DINOSEB      | 11.470 | 11.311 | 4780.8E6  | 3287.6E6  | 337.591  | 300.034    |
| 15) T                       | Picloram     | 11.278 | 12.419 | 7557.3E6  | 9262.6E6  | 452.638  | 386.332    |
| 16) T                       | DCPA         | 11.765 | 12.355 | 11087.8E6 | 9377.3E6  | 426.860  | 436.648m   |
| -----                       |              |        |        |           |           |          |            |

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

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Acq On : 16 Jun 2025 19:50  
Operator : AR\AJ  
Sample : Q2301-03MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

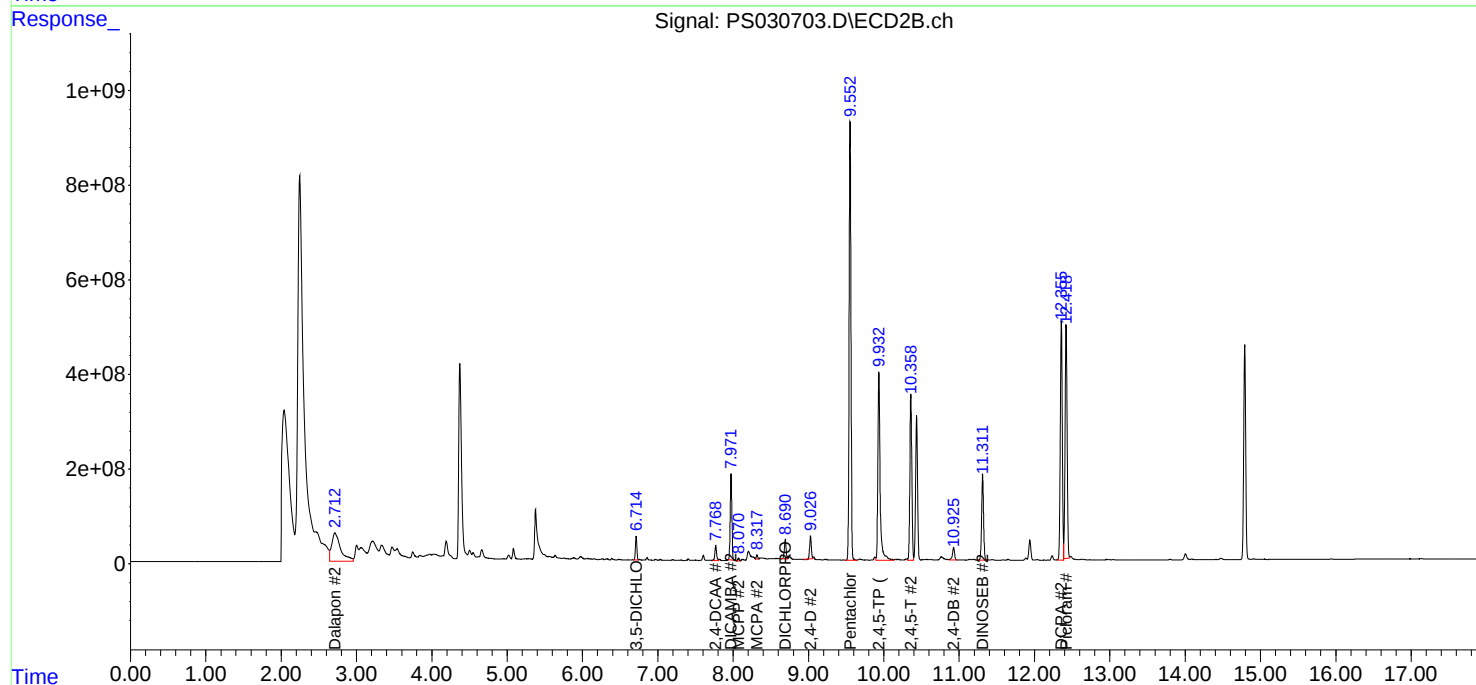
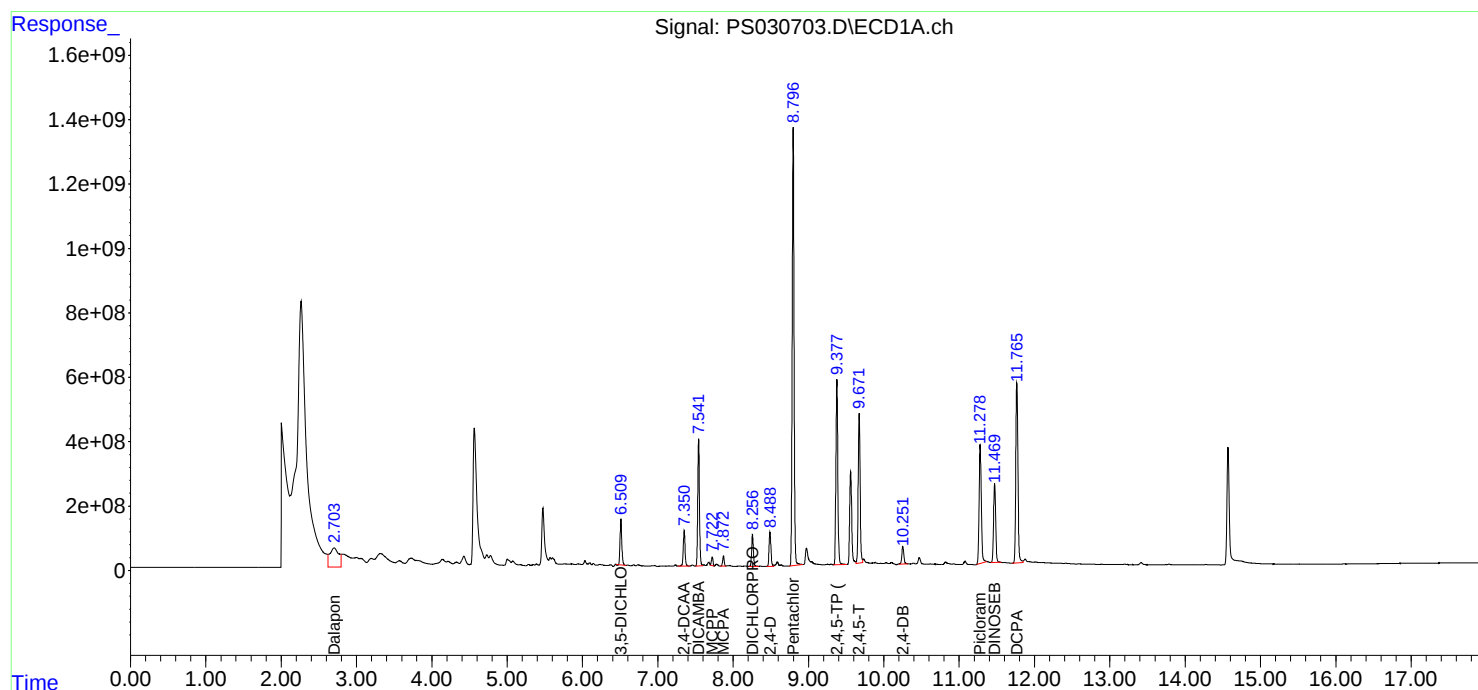
Instrument :  
ECD\_S  
ClientSampleId :  
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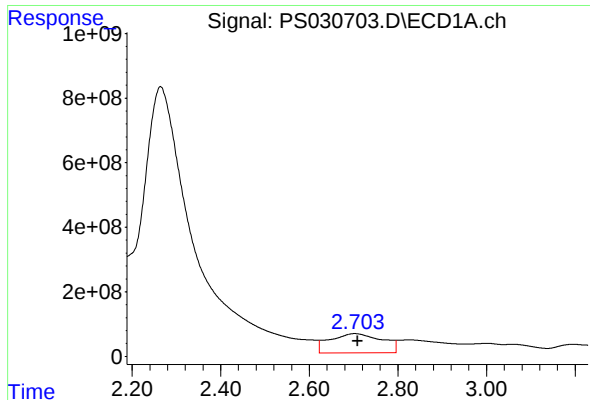
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 17 04:15:40 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061625.M  
Quant Title : 8080.M  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





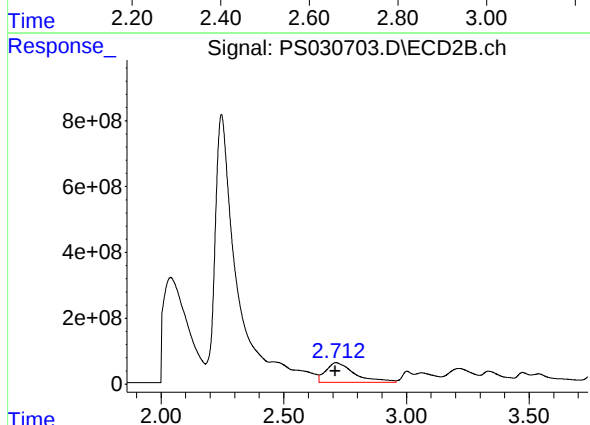
#1 Dalapon

R.T.: 2.703 min  
Delta R.T.: -0.006 min  
Response: 4914496030  
Conc: 785.72 ng/ml

Instrument :  
ECD\_S  
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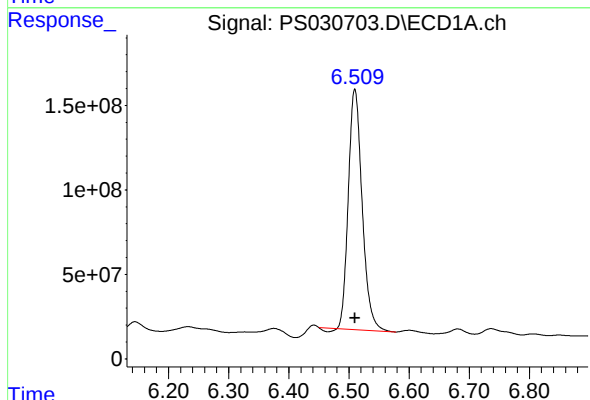
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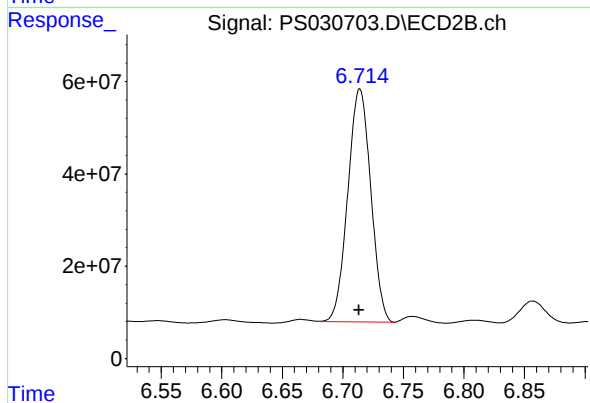
#1 Dalapon

R.T.: 2.713 min  
Delta R.T.: 0.003 min  
Response: 4900598903  
Conc: 1741.41 ng/ml



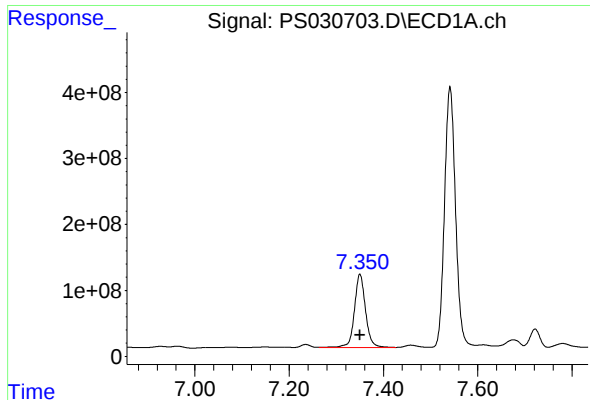
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.510 min  
Delta R.T.: 0.000 min  
Response: 2259904591  
Conc: 415.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 666949104  
Conc: 412.29 ng/ml



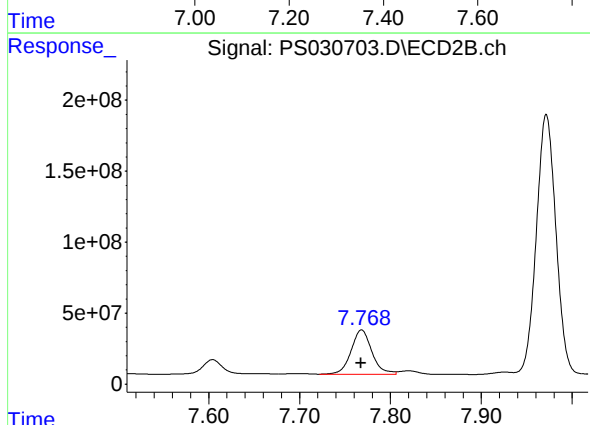
#4 2,4-DCAA

R.T.: 7.350 min  
Delta R.T.: 0.000 min  
Response: 1819655436  
Conc: 483.85 ng/ml

Instrument :  
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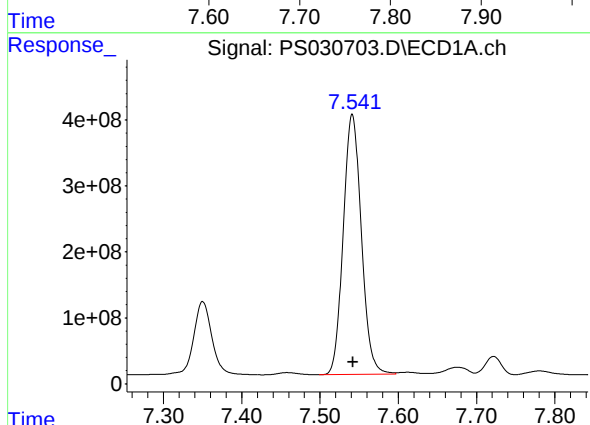
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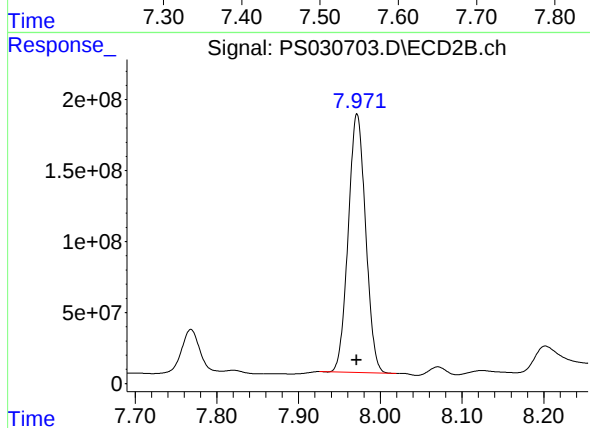
#4 2,4-DCAA

R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 501810699  
Conc: 464.77 ng/ml



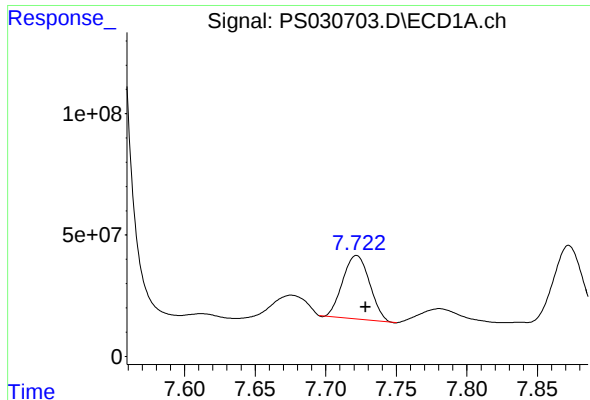
#5 DICAMBA

R.T.: 7.541 min  
Delta R.T.: 0.000 min  
Response: 6338323340  
Conc: 405.12 ng/ml



#5 DICAMBA

R.T.: 7.972 min  
Delta R.T.: 0.000 min  
Response: 2689676736  
Conc: 405.65 ng/ml



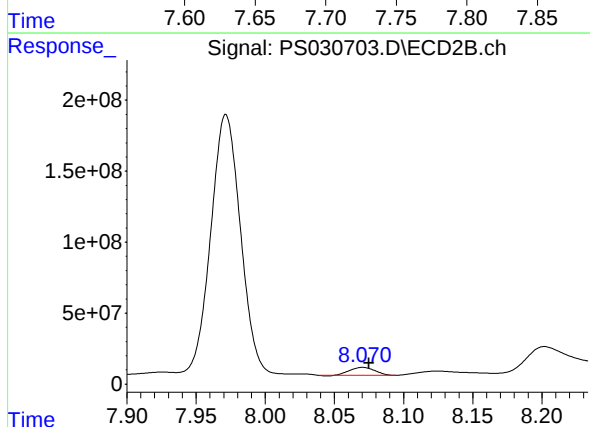
#6 MCPP

R.T.: 7.722 min  
Delta R.T.: -0.006 min  
Response: 347001565  
Conc: 36.48 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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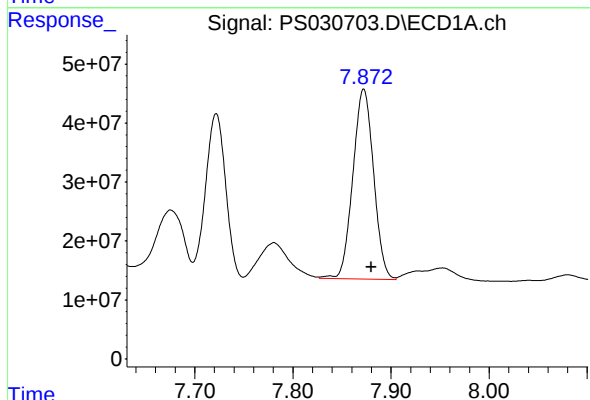
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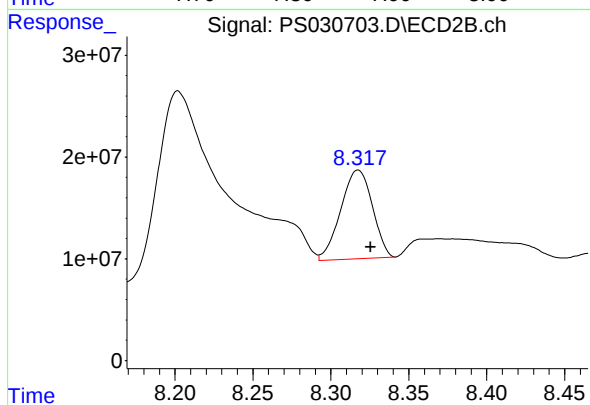
#6 MCPP

R.T.: 8.070 min  
Delta R.T.: -0.005 min  
Response: 70266678  
Conc: 31.92 ug/ml



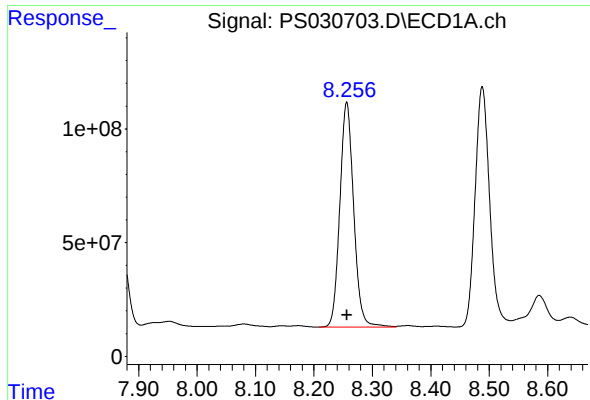
#7 MCPA

R.T.: 7.872 min  
Delta R.T.: -0.008 min  
Response: 472510469  
Conc: 39.65 ug/ml



#7 MCPA

R.T.: 8.317 min  
Delta R.T.: -0.008 min  
Response: 122937115  
Conc: 38.34 ug/ml



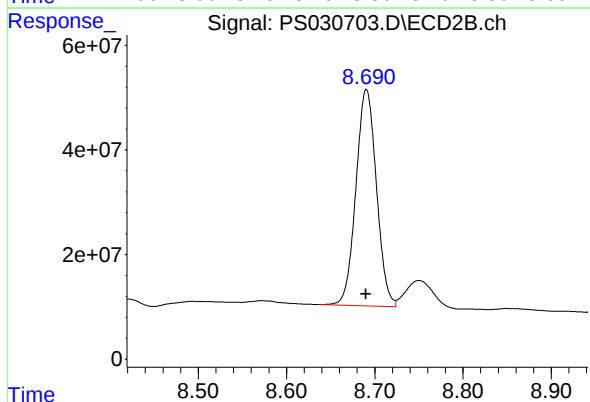
#8 DICHLORPROP

R.T.: 8.256 min  
Delta R.T.: 0.000 min  
Response: 1625165885  
Conc: 442.19 ng/ml

Instrument :  
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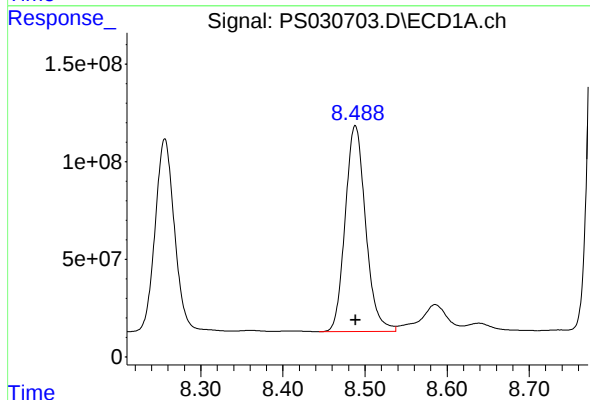
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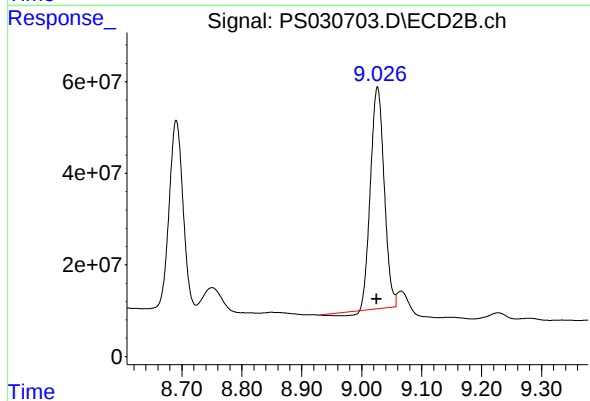
#8 DICHLORPROP

R.T.: 8.691 min  
Delta R.T.: 0.000 min  
Response: 670396675  
Conc: 437.49 ng/ml



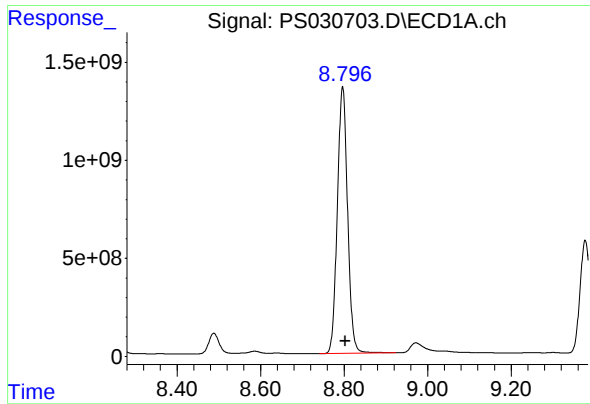
#9 2,4-D

R.T.: 8.488 min  
Delta R.T.: 0.000 min  
Response: 1825404351  
Conc: 536.83 ng/ml



#9 2,4-D

R.T.: 9.026 min  
Delta R.T.: 0.001 min  
Response: 753966301  
Conc: 449.74 ng/ml



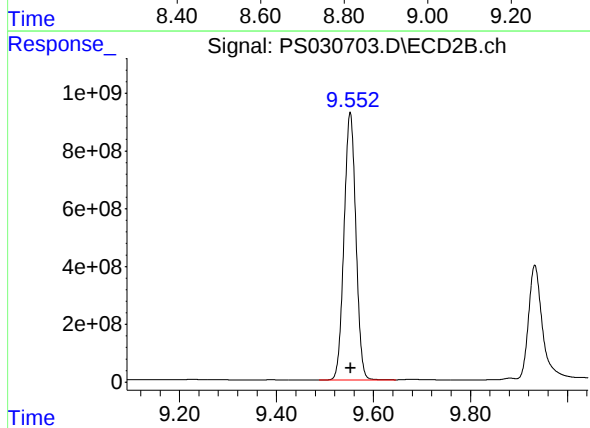
#10 Pentachlorophenol

R.T.: 8.796 min  
Delta R.T.: -0.006 min  
Response: 23132900185  
Conc: 447.53 ng/ml

Instrument :  
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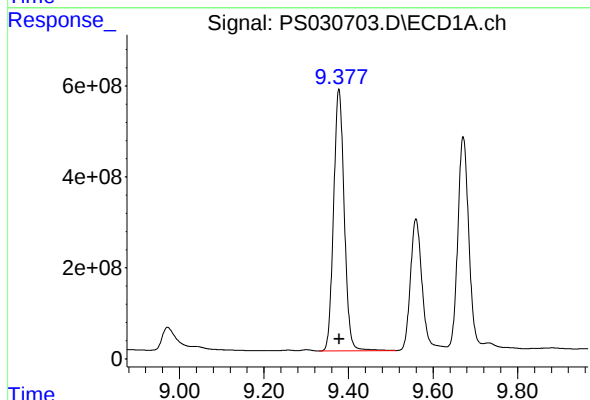
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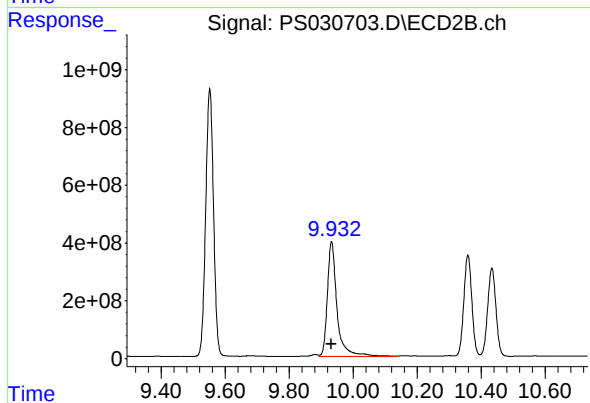
#10 Pentachlorophenol

R.T.: 9.552 min  
Delta R.T.: 0.000 min  
Response: 15688738641  
Conc: 413.56 ng/ml



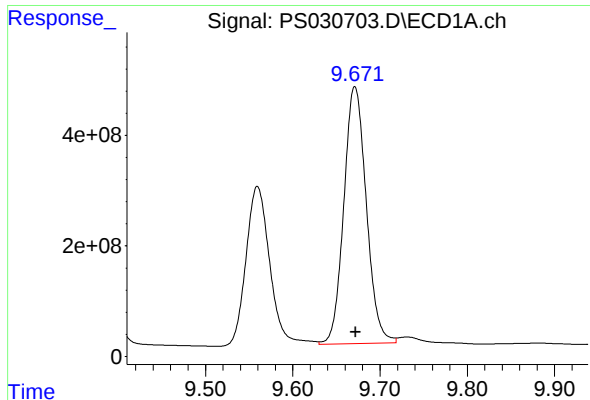
#11 2,4,5-TP (SILVEX)

R.T.: 9.377 min  
Delta R.T.: 0.000 min  
Response: 10054780348  
Conc: 502.57 ng/ml



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

R.T.: 9.933 min  
Delta R.T.: 0.001 min  
Response: 8314945544  
Conc: 579.25 ng/ml



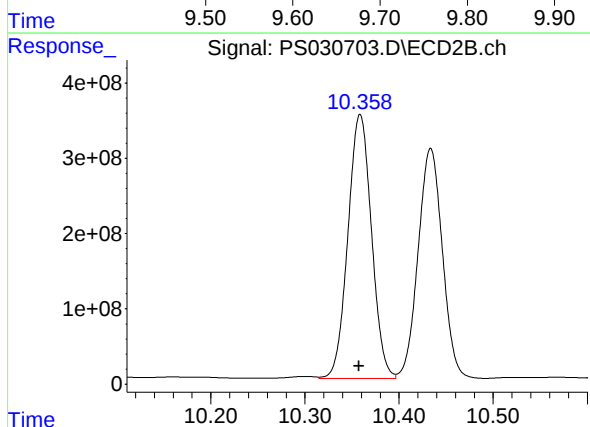
#12 2,4,5-T

R.T.: 9.671 min  
Delta R.T.: 0.000 min  
Response: 8333020580  
Conc: 501.14 ng/ml

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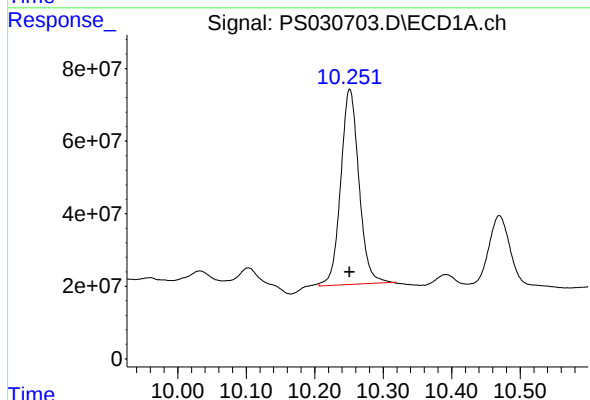
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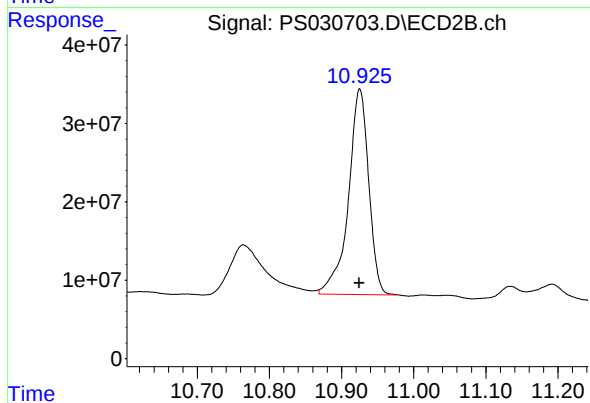
#12 2,4,5-T

R.T.: 10.359 min  
Delta R.T.: 0.001 min  
Response: 6104575137  
Conc: 442.73 ng/ml



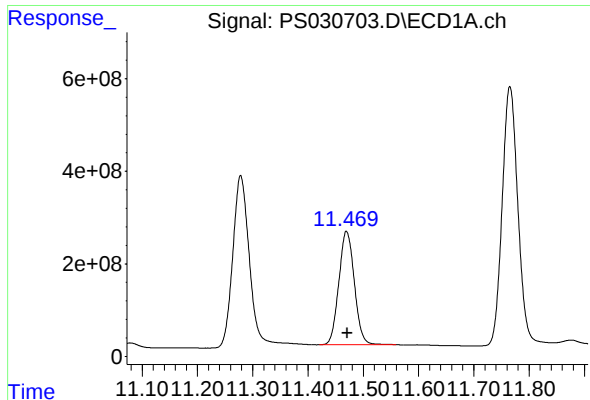
#13 2,4-DB

R.T.: 10.251 min  
Delta R.T.: 0.000 min  
Response: 995216963  
Conc: 402.73 ng/ml m



#13 2,4-DB

R.T.: 10.925 min  
Delta R.T.: 0.000 min  
Response: 513213943  
Conc: 432.52 ng/ml m



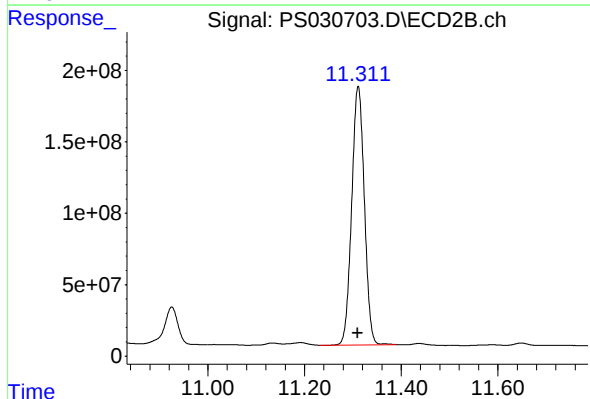
#14 DINOSEB

R.T.: 11.470 min  
Delta R.T.: -0.001 min  
Response: 4780755516  
Conc: 337.59 ng/ml

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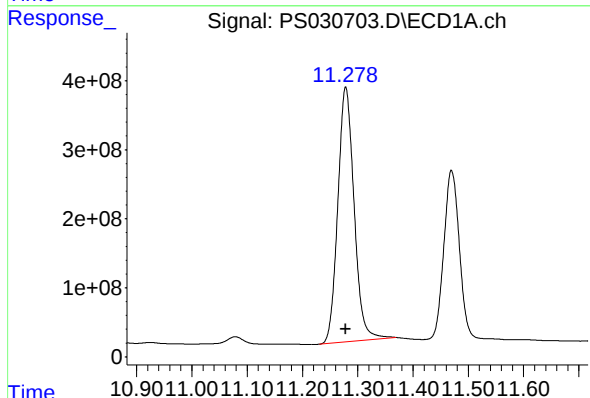
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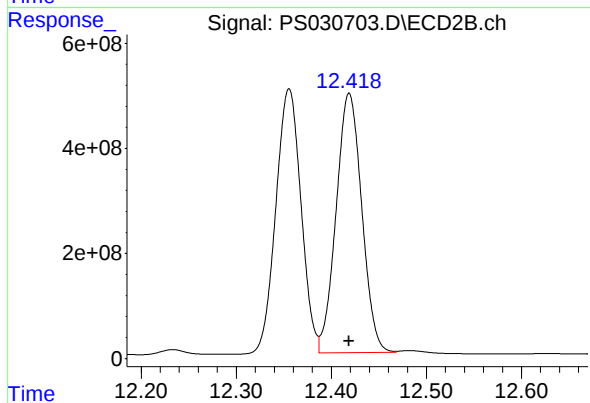
#14 DINOSEB

R.T.: 11.311 min  
Delta R.T.: 0.000 min  
Response: 3287585151  
Conc: 300.03 ng/ml



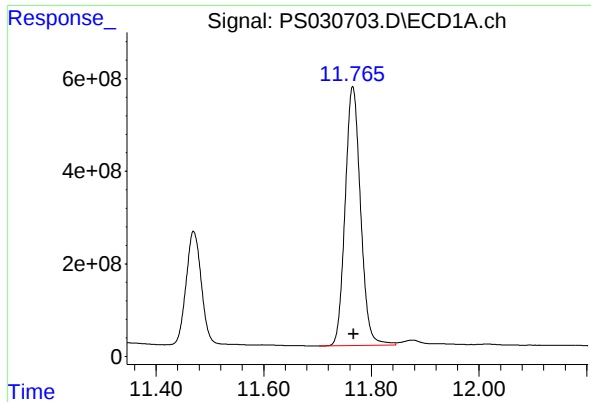
#15 Picloram

R.T.: 11.278 min  
Delta R.T.: 0.000 min  
Response: 7557334764  
Conc: 452.64 ng/ml



#15 Picloram

R.T.: 12.419 min  
Delta R.T.: 0.000 min  
Response: 9262633867  
Conc: 386.33 ng/ml



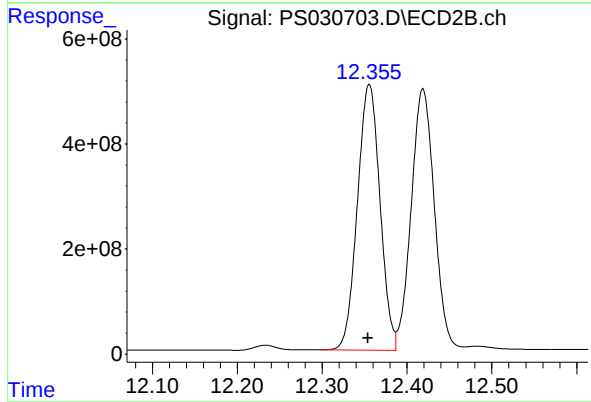
#16 DCPA

R.T.: 11.765 min  
Delta R.T.: -0.002 min  
Response: 11087755354  
Conc: 426.86 ng/ml

Instrument :  
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#16 DCPA

R.T.: 12.355 min  
Delta R.T.: 0.001 min  
Response: 9377271229  
Conc: 436.65 ng/ml m