

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS060225\  
 Data File : PS030446.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jun 2025 14:09  
 Operator : AR\AJ  
 Sample : Q2136-05MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 OR-646-COMP-52MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/03/2025  
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 03 03:18:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS060225.M  
 Quant Title : 8080.M  
 QLast Update : Mon Jun 02 12:26:05 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     | 6.734  | 7.301  | 2293.9E6  | 584.6E6   | 566.058  | 459.405m  |
| Target Compounds            |              |        |        |           |           |          |           |
| 1) T                        | Dalapon      | 2.310  | 2.414  | 924.5E6   | 2594.3E6  | 138.980m | 746.777m# |
| 2) T                        | 3,5-DICHL... | 5.966  | 6.319  | 2691.4E6  | 885.3E6   | 447.609  | 497.643   |
| 3) T                        | 4-Nitroph... | 6.528  | 6.837  | 32894488  | 32118347  | 14.132m  | 20.024m#  |
| 5) T                        | DICAMBA      | 6.903  | 7.482  | 6944.9E6  | 3421.3E6  | 401.765  | 432.533   |
| 6) T                        | MCP          | 7.081  | 7.592  | 321.4E6   | 105.1E6   | 29.086   | 34.821    |
| 7) T                        | MCPA         | 7.220  | 7.816  | 525.6E6   | 213.8E6   | 37.117   | 52.757m#  |
| 8) T                        | DICHLORPROP  | 7.570  | 8.168  | 1825.1E6  | 1050.3E6  | 441.677  | 557.039 # |
| 9) T                        | 2,4-D        | 7.785  | 8.476  | 2246.6E6  | 997.9E6   | 513.699  | 487.143   |
| 10) T                       | Pentachlo... | 8.050  | 8.962  | 30526.2E6 | 18813.1E6 | 521.771  | 470.385   |
| 11) T                       | 2,4,5-TP ... | 8.608  | 9.344  | 11505.5E6 | 7807.3E6  | 467.383  | 477.034   |
| 12) T                       | 2,4,5-T      | 8.885  | 9.743  | 10373.2E6 | 6660.9E6  | 464.139  | 451.126   |
| 13) T                       | 2,4-DB       | 9.434  | 10.296 | 1363.8E6  | 645.1E6   | 389.216  | 469.395   |
| 14) T                       | DINOSEB      | 10.573 | 10.664 | 6935.6E6  | 5328.2E6  | 371.945  | 469.982 # |
| 15) T                       | Picloram     | 10.396 | 11.682 | 10605.4E6 | 10090.2E6 | 385.762  | 403.375m  |
| 16) T                       | DCPA         | 10.873 | 11.680 | 13986.0E6 | 8400.6E6  | 455.763  | 382.961m  |
| -----                       |              |        |        |           |           |          |           |

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

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Data File : PS030446.D  
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Acq On : 02 Jun 2025 14:09  
Operator : AR\AJ  
Sample : Q2136-05MS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

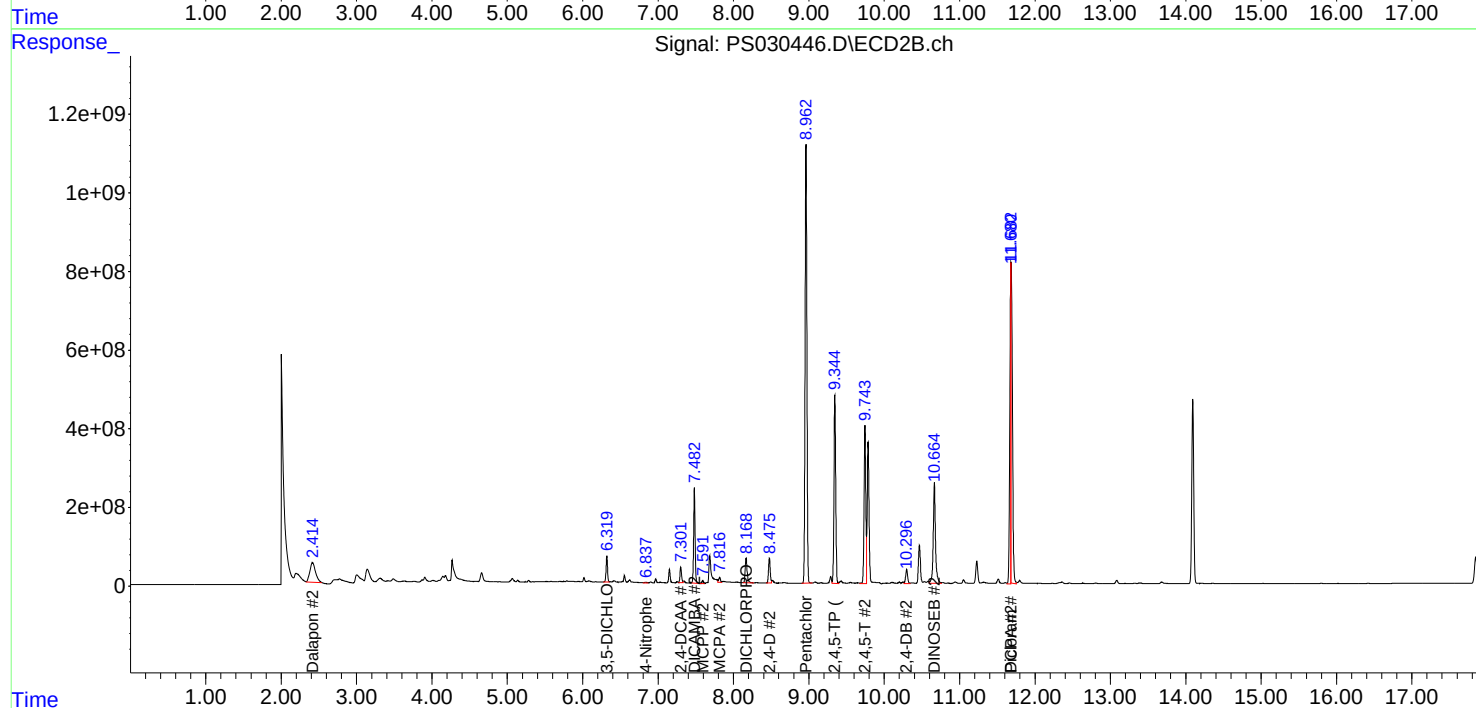
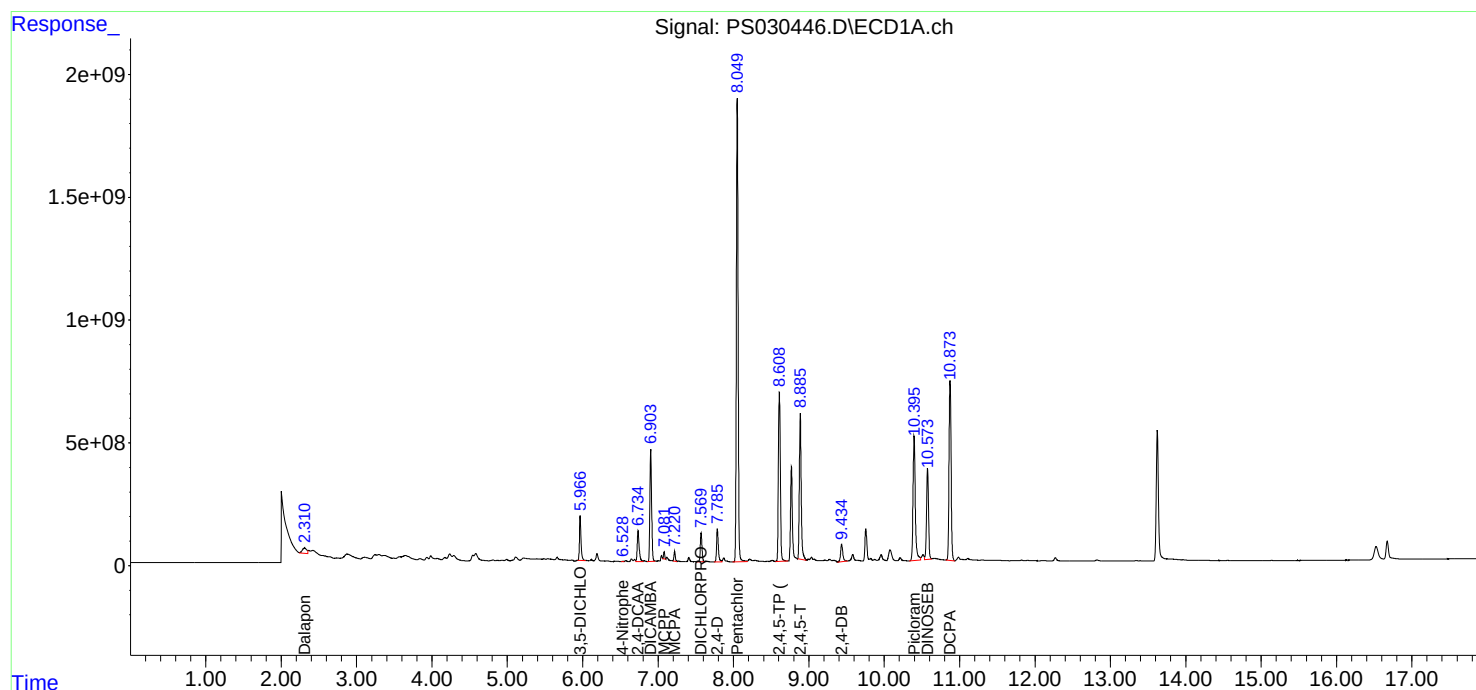
Instrument :  
ECD\_S  
ClientSampleId :  
OR-646-COMP-52MS

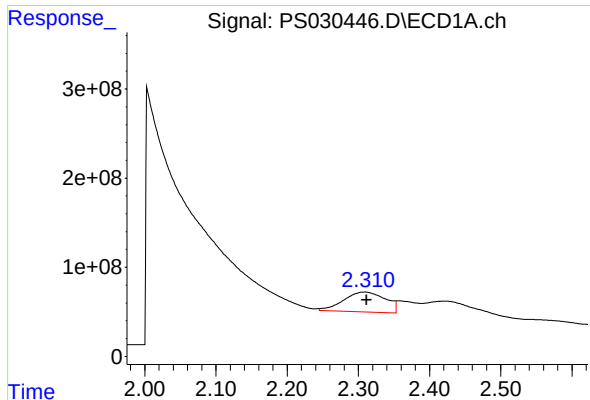
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 03 03:18:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS060225.M  
Quant Title : 8080.M  
QLast Update : Mon Jun 02 12:26:05 2025  
Response via : Initial Calibration  
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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





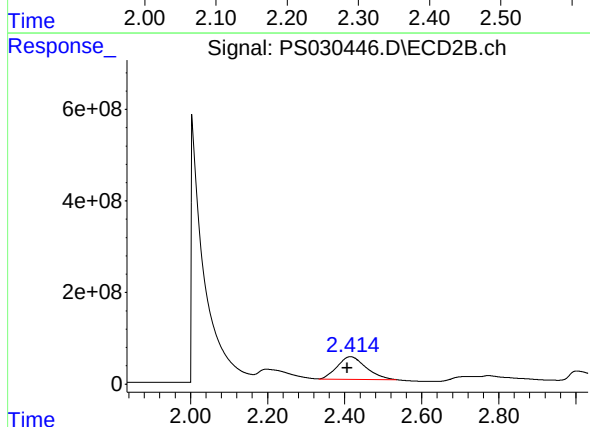
#1 Dalapon

R.T.: 2.310 min  
Delta R.T.: -0.002 min  
Response: 924488077  
Conc: 138.98 ng/ml

Instrument :  
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ClientSampleId :  
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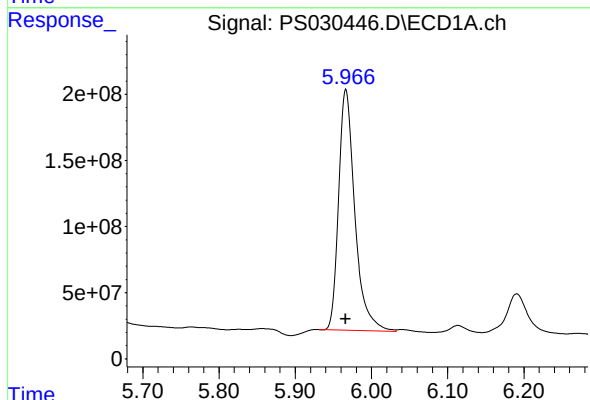
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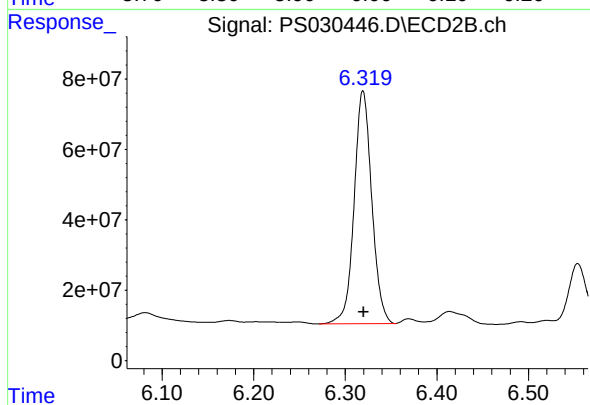
#1 Dalapon

R.T.: 2.414 min  
Delta R.T.: 0.008 min  
Response: 2594334225  
Conc: 746.78 ng/ml



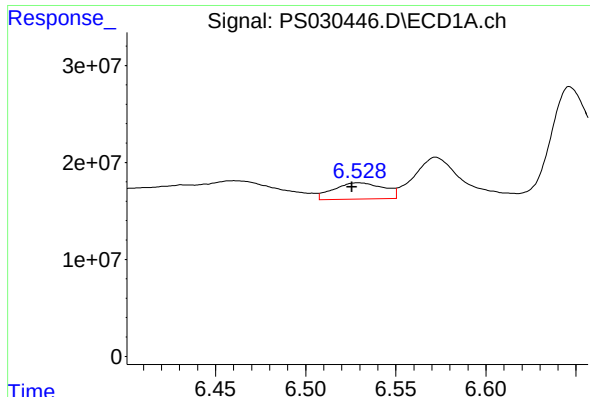
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.966 min  
Delta R.T.: 0.000 min  
Response: 2691443252  
Conc: 447.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 885303747  
Conc: 497.64 ng/ml



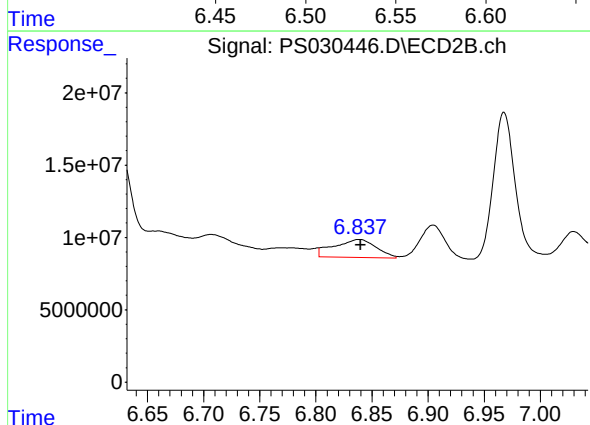
#3 4-Nitrophenol

R.T.: 6.528 min  
Delta R.T.: 0.003 min  
Response: 32894488  
Conc: 14.13 ng/ml

Instrument :  
ECD\_S  
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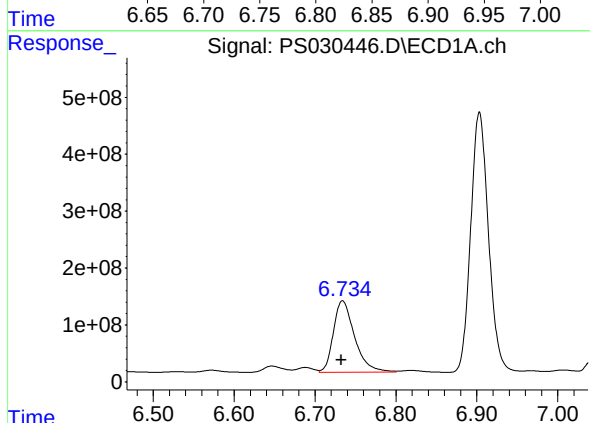
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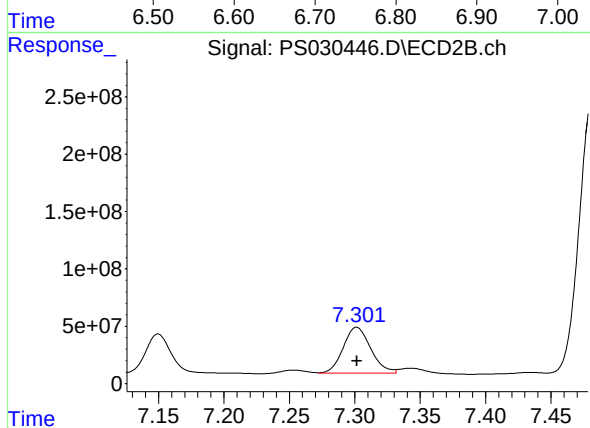
#3 4-Nitrophenol

R.T.: 6.837 min  
Delta R.T.: -0.003 min  
Response: 32118347  
Conc: 20.02 ng/ml



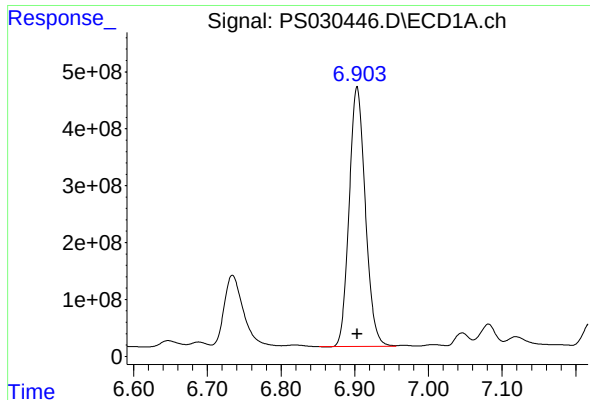
#4 2,4-DCAA

R.T.: 6.734 min  
Delta R.T.: 0.002 min  
Response: 2293907621  
Conc: 566.06 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min  
Delta R.T.: 0.000 min  
Response: 584576333  
Conc: 459.40 ng/ml



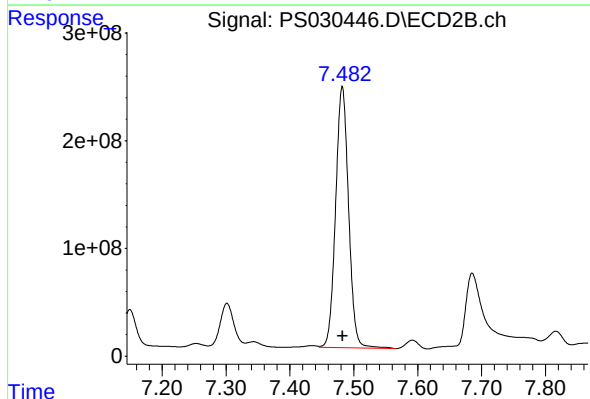
#5 DICAMBA

R.T.: 6.903 min  
Delta R.T.: 0.000 min  
Response: 6944863392  
Conc: 401.77 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OR-646-COMP-52MS

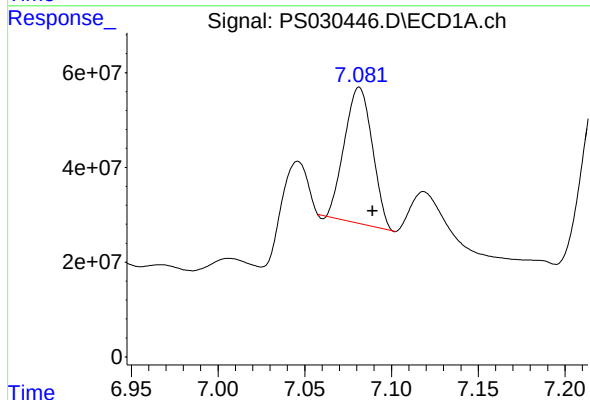
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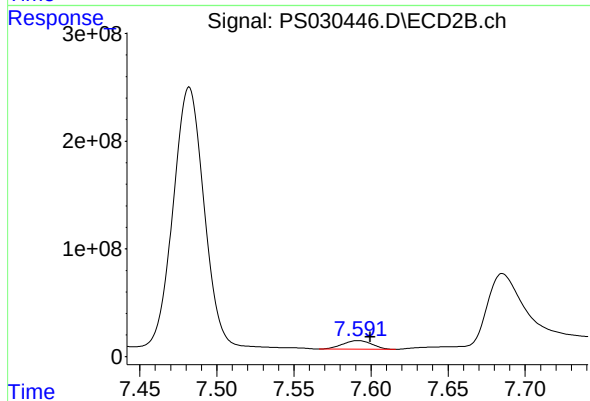
#5 DICAMBA

R.T.: 7.482 min  
Delta R.T.: 0.000 min  
Response: 3421328050  
Conc: 432.53 ng/ml



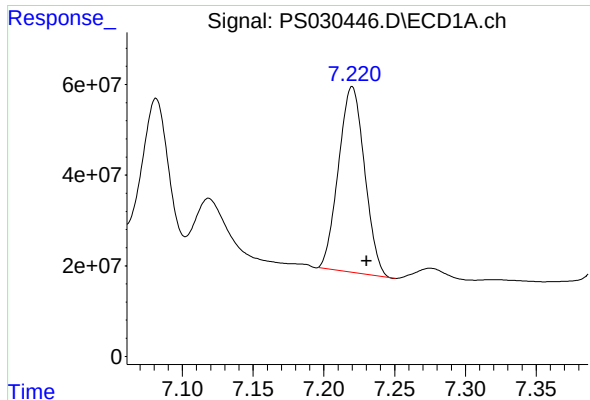
#6 MCPP

R.T.: 7.081 min  
Delta R.T.: -0.008 min  
Response: 321445254  
Conc: 29.09 ug/ml



#6 MCPP

R.T.: 7.592 min  
Delta R.T.: -0.008 min  
Response: 105108568  
Conc: 34.82 ug/ml



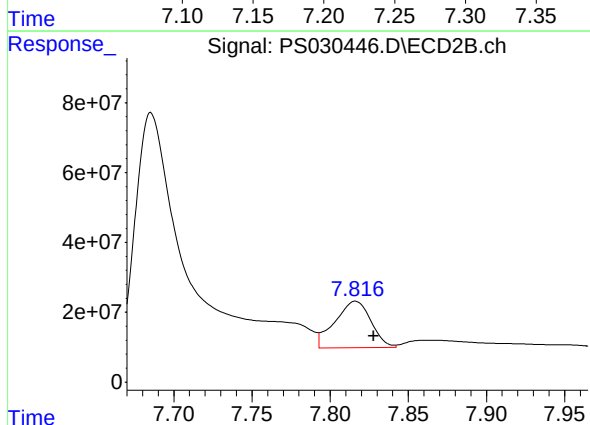
#7 MCPA

R.T.: 7.220 min  
Delta R.T.: -0.010 min  
Response: 525560167  
Conc: 37.12 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OR-646-COMP-52MS

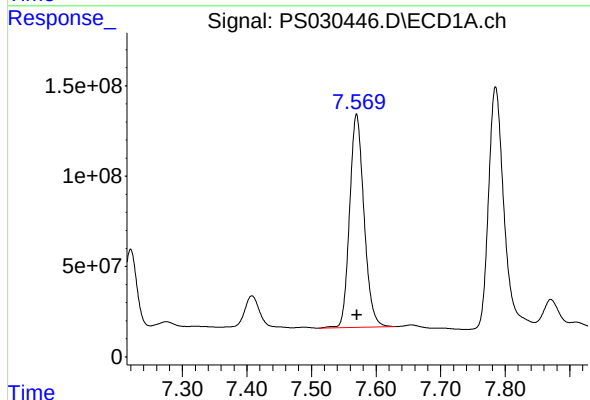
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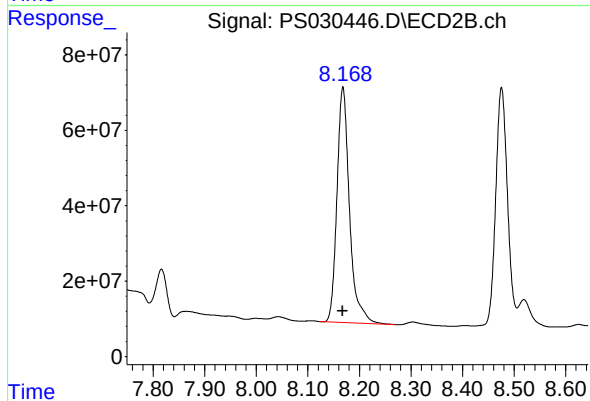
#7 MCPA

R.T.: 7.816 min  
Delta R.T.: -0.012 min  
Response: 213768331  
Conc: 52.76 ug/ml



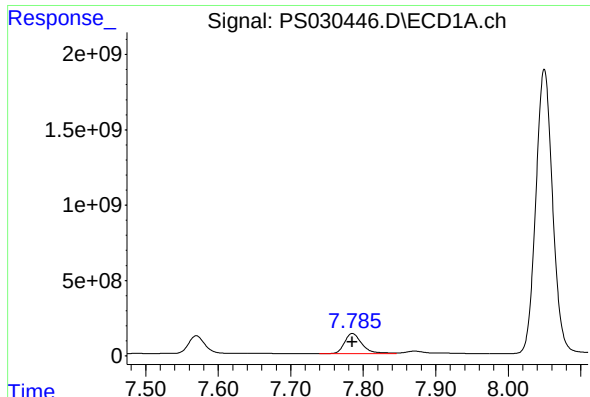
#8 DICHLORPROP

R.T.: 7.570 min  
Delta R.T.: 0.000 min  
Response: 1825086293  
Conc: 441.68 ng/ml



#8 DICHLORPROP

R.T.: 8.168 min  
Delta R.T.: 0.000 min  
Response: 1050272173  
Conc: 557.04 ng/ml



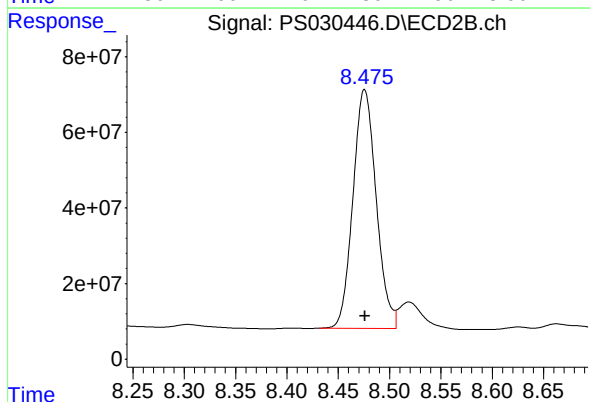
#9 2,4-D

R.T.: 7.785 min  
Delta R.T.: 0.000 min  
Response: 2246573036  
Conc: 513.70 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OR-646-COMP-52MS

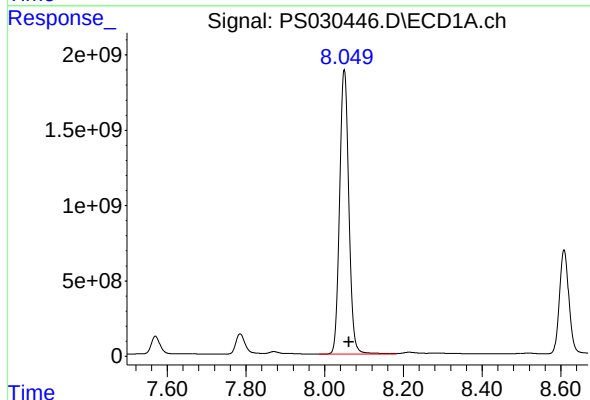
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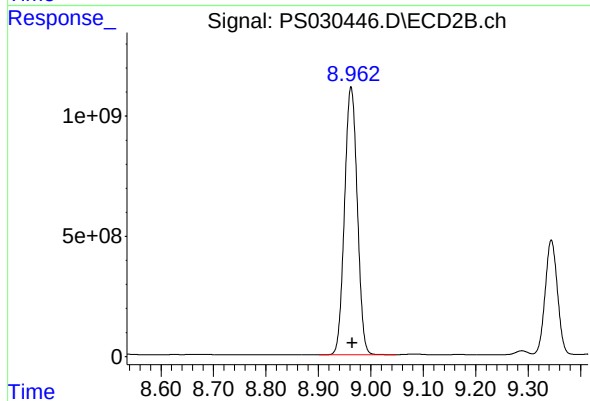
#9 2,4-D

R.T.: 8.476 min  
Delta R.T.: 0.000 min  
Response: 997867130  
Conc: 487.14 ng/ml



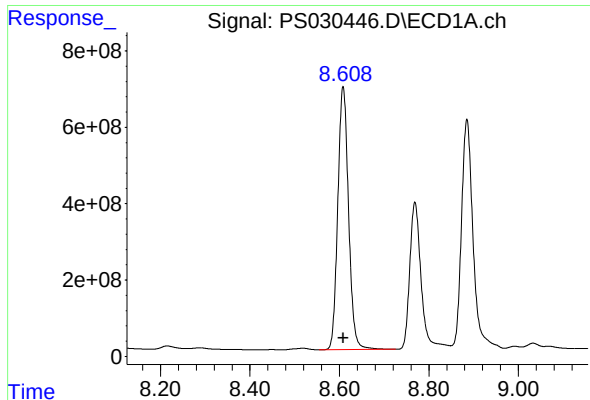
#10 Pentachlorophenol

R.T.: 8.050 min  
Delta R.T.: -0.012 min  
Response: 30526226870  
Conc: 521.77 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min  
Delta R.T.: -0.002 min  
Response: 18813097019  
Conc: 470.39 ng/ml



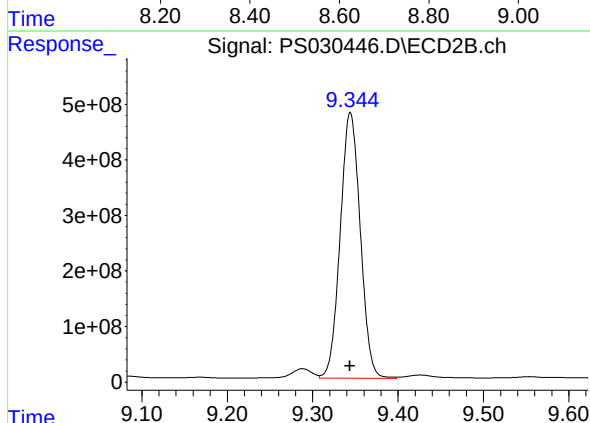
#11 2,4,5-TP (SILVEX)

R.T.: 8.608 min  
Delta R.T.: 0.000 min  
Response: 11505544820  
Conc: 467.38 ng/ml

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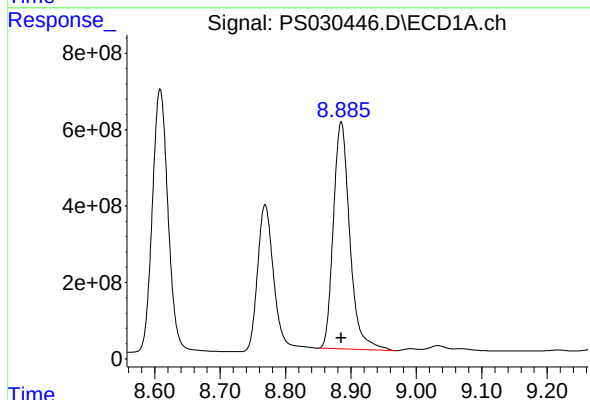
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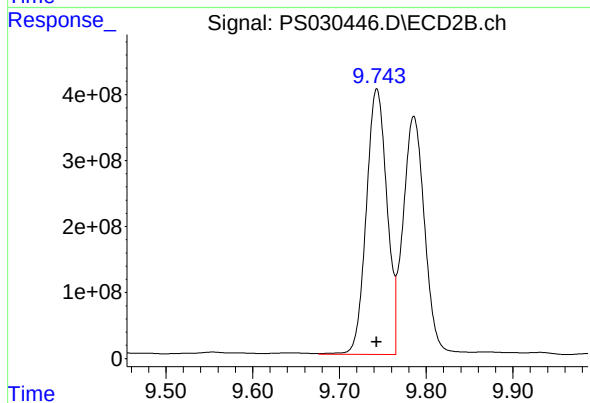
#11 2,4,5-TP (SILVEX)

R.T.: 9.344 min  
Delta R.T.: 0.000 min  
Response: 7807313505  
Conc: 477.03 ng/ml



#12 2,4,5-T

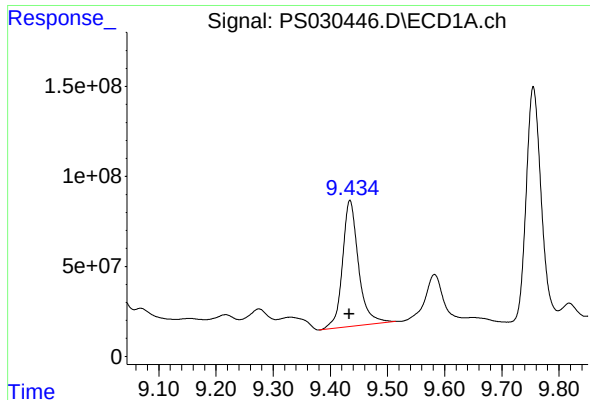
R.T.: 8.885 min  
Delta R.T.: 0.000 min  
Response: 10373239296  
Conc: 464.14 ng/ml



#12 2,4,5-T

R.T.: 9.743 min  
Delta R.T.: 0.000 min  
Response: 6660866491  
Conc: 451.13 ng/ml





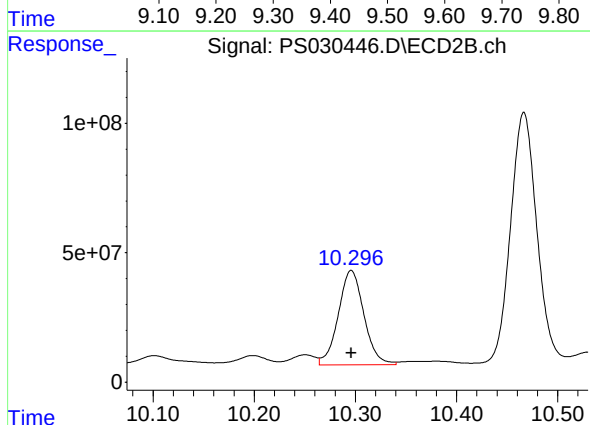
#13 2,4-DB

R.T.: 9.434 min  
Delta R.T.: 0.001 min  
Response: 1363778303  
Conc: 389.22 ng/ml

Instrument :  
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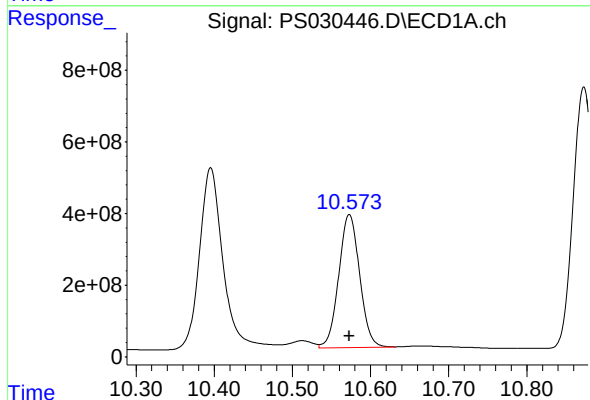
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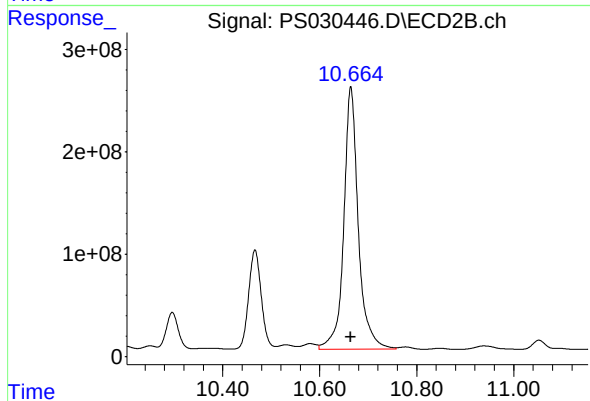
#13 2,4-DB

R.T.: 10.296 min  
Delta R.T.: 0.000 min  
Response: 645137300  
Conc: 469.40 ng/ml



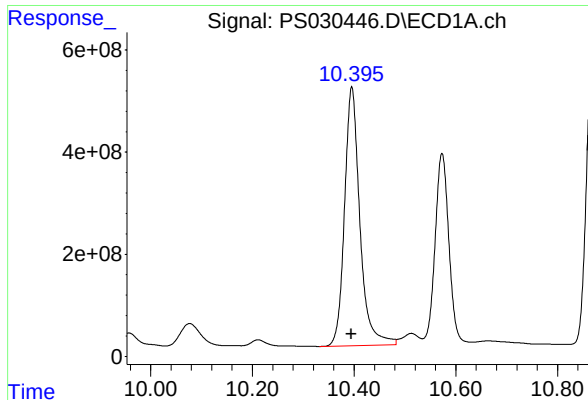
#14 DINOSEB

R.T.: 10.573 min  
Delta R.T.: 0.000 min  
Response: 6935572487  
Conc: 371.95 ng/ml



#14 DINOSEB

R.T.: 10.664 min  
Delta R.T.: 0.000 min  
Response: 5328168669  
Conc: 469.98 ng/ml



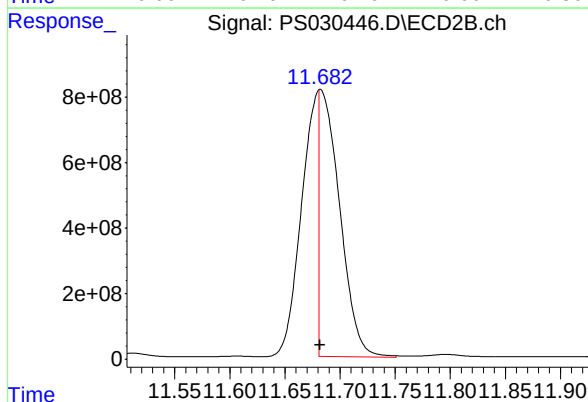
#15 Picloram

R.T.: 10.396 min  
Delta R.T.: 0.001 min  
Response: 10605369344  
Conc: 385.76 ng/ml

Instrument :  
ECD\_S  
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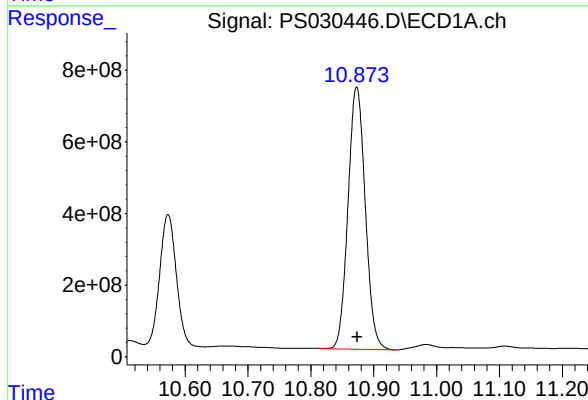
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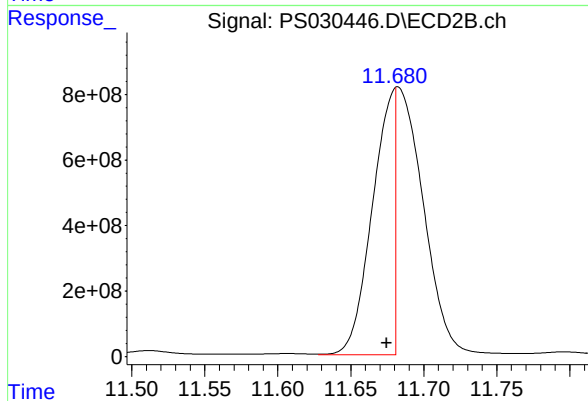
#15 Picloram

R.T.: 11.682 min  
Delta R.T.: 0.000 min  
Response: 10090180326  
Conc: 403.37 ng/ml m



#16 DCPA

R.T.: 10.873 min  
Delta R.T.: 0.000 min  
Response: 13985973452  
Conc: 455.76 ng/ml



#16 DCPA

R.T.: 11.680 min  
Delta R.T.: 0.005 min  
Response: 8400597175  
Conc: 382.96 ng/ml m