

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS100925\  
 Data File : PS031978.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2025 19:37  
 Operator : AR\AJ  
 Sample : Q3302-06MSD (Sig #1); Q3202-06MSD (Sig #2)  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 OR-658-COMP-01MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/10/2025  
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 02:51:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090925.M  
 Quant Title : 8080.M  
 QLast Update : Tue Sep 09 13:56:38 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     | 7.279  | 7.739  | 1523.3E6 | 483.9E6  | 422.968 | 532.453 # |
| Target Compounds            |              |        |        |          |          |         |           |
| 1) T                        | Dalapon      | 2.660  | 2.680  | 573.5E6  | 1832.0E6 | 99.202m | 650.204m# |
| 2) T                        | 3,5-DICHL... | 6.448  | 6.696  | 1088.7E6 | 245.6E6  | 204.137 | 161.083   |
| 5) T                        | DICAMBA      | 7.462  | 7.935  | 3621.0E6 | 1502.9E6 | 232.166 | 230.975   |
| 6) T                        | MCP          | 7.636  | 8.028  | 169.8E6  | 16619438 | 19.000  | 8.824m#   |
| 7) T                        | MCPA         | 7.785  | 8.274  | 307.7E6  | 51205999 | 27.695  | 18.280 #  |
| 8) T                        | DICHLORPROP  | 8.171  | 8.655  | 964.9E6  | 355.6E6  | 270.899 | 244.404   |
| 9) T                        | 2,4-D        | 8.412  | 9.002  | 982.2E6  | 497.8E6  | 286.709 | 302.580   |
| 10) T                       | Pentachlo... | 8.700  | 9.503  | 5916.4E6 | 3980.7E6 | 111.433 | 100.293m  |
| 11) T                       | 2,4,5-TP ... | 9.277  | 9.887  | 6076.6E6 | 4433.9E6 | 289.725 | 294.526m  |
| 12) T                       | 2,4,5-T      | 9.577  | 10.320 | 4926.7E6 | 3525.6E6 | 269.247 | 261.993m  |
| 13) T                       | 2,4-DB       | 10.156 | 10.890 | 560.1E6  | 120.2E6  | 240.110 | 112.360m# |
| 14) T                       | DINOSEB      | 11.344 | 11.262 | 1234.5E6 | 725.1E6  | 85.593  | 74.590    |
| 15) T                       | Picloram     | 11.189 | 12.396 | 3125.5E6 | 5022.1E6 | 173.531 | 212.055   |
| 16) T                       | DCPA         | 11.642 | 12.300 | 7188.5E6 | 6828.0E6 | 266.735 | 283.270   |
| -----                       |              |        |        |          |          |         |           |

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

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Operator : AR\AJ  
Sample : Q3302-06MSD (Sig #1); Q3202-06MSD (Sig #2)  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

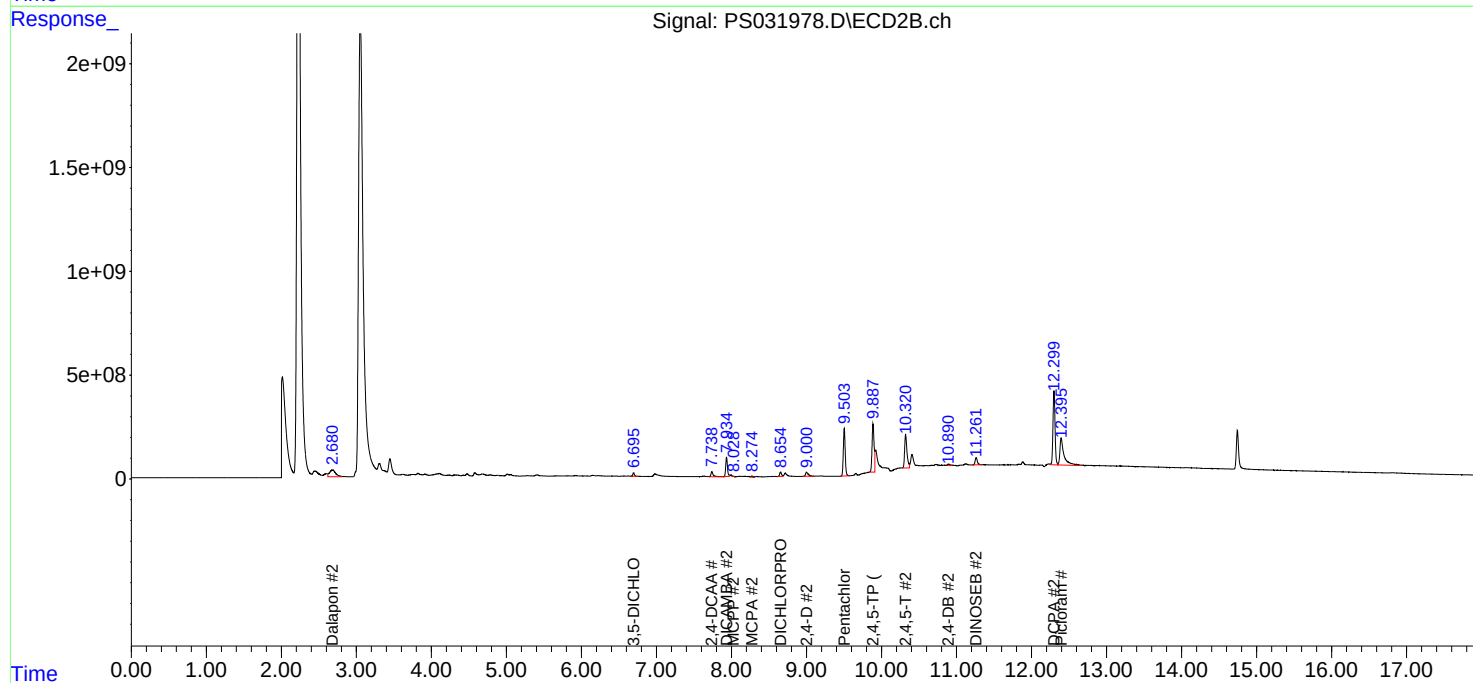
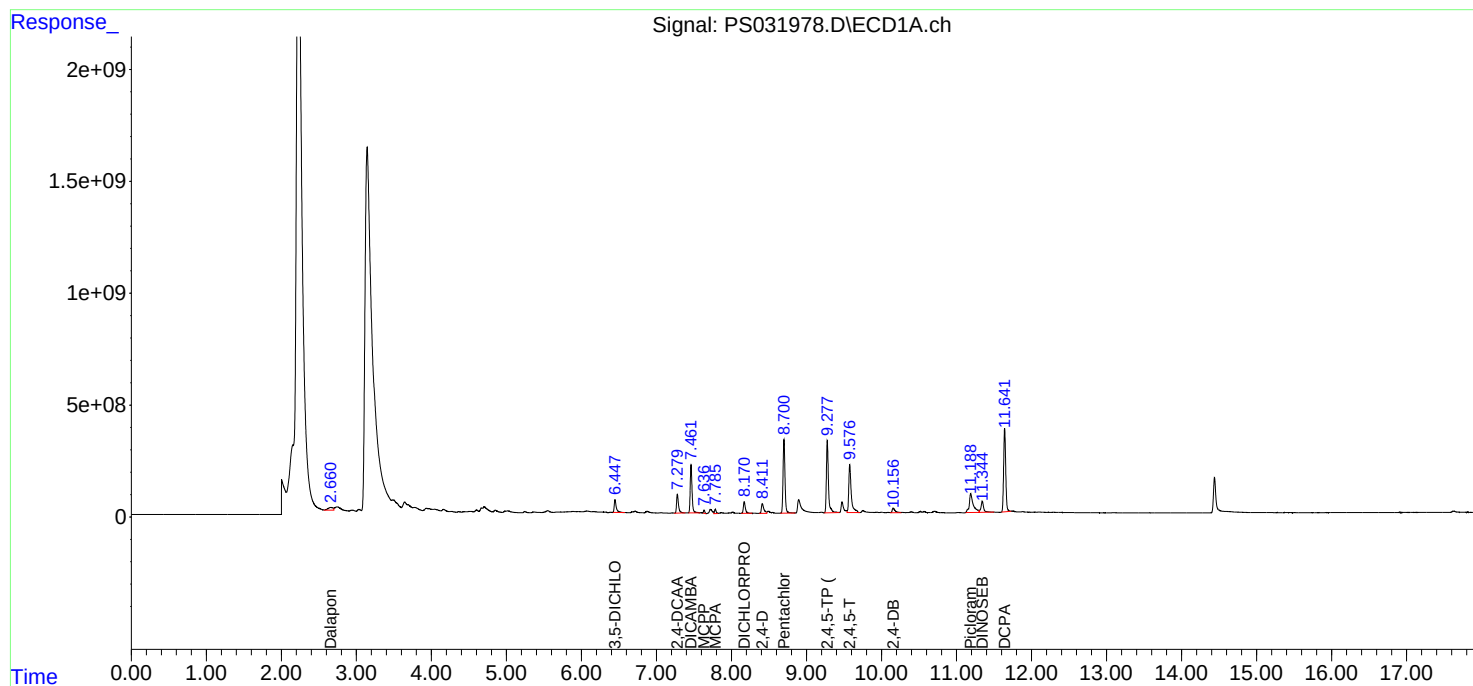
Instrument :  
ECD\_S  
ClientSampleId :  
OR-658-COMP-01MSD

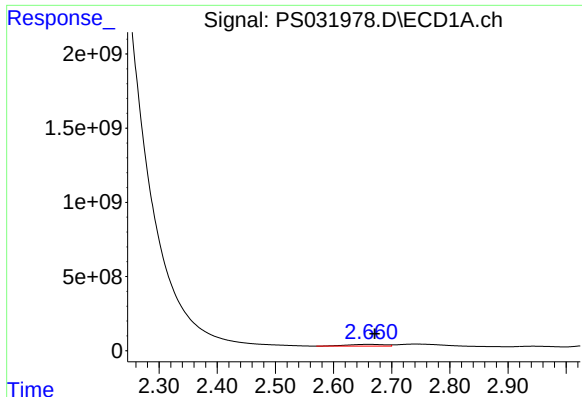
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 02:51:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS090925.M  
Quant Title : 8080.M  
QLast Update : Tue Sep 09 13:56:38 2025  
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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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





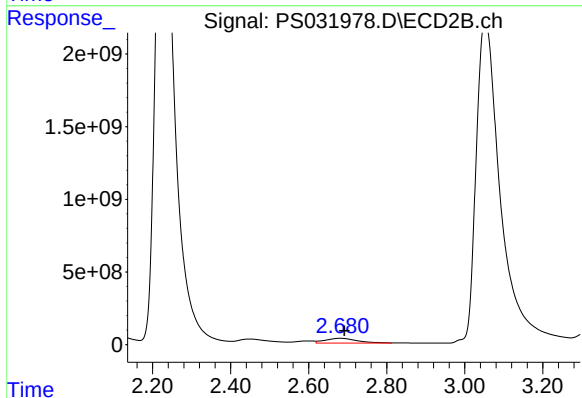
#1 Dalapon

R.T.: 2.660 min  
Delta R.T.: -0.011 min  
Response: 573461654  
Conc: 99.20 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OR-658-COMP-01MSD

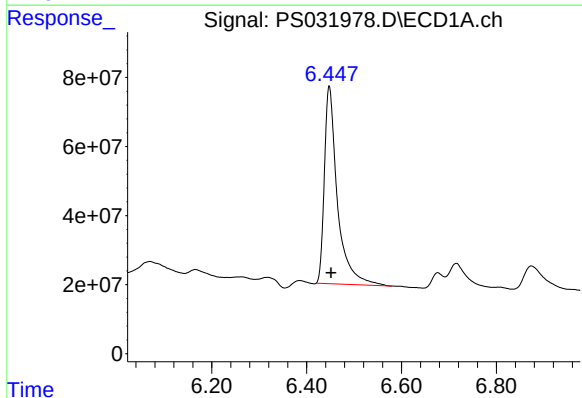
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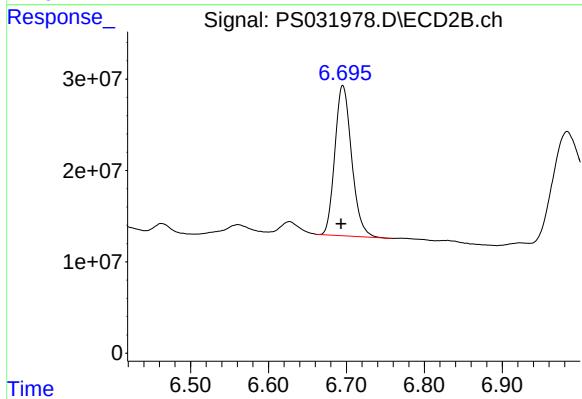
#1 Dalapon

R.T.: 2.680 min  
Delta R.T.: -0.012 min  
Response: 1832032283  
Conc: 650.20 ng/ml m



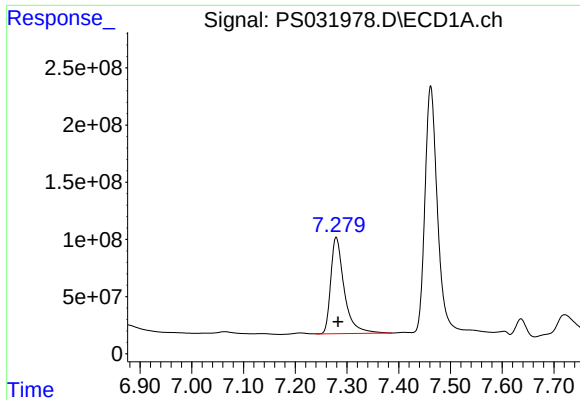
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min  
Delta R.T.: -0.004 min  
Response: 1088738718  
Conc: 204.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min  
Delta R.T.: 0.003 min  
Response: 245645487  
Conc: 161.08 ng/ml



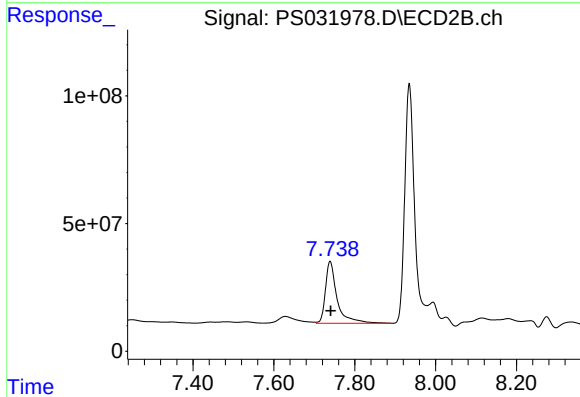
#4 2,4-DCAA

R.T.: 7.279 min  
Delta R.T.: -0.004 min  
Response: 1523329156  
Conc: 422.97 ng/ml

Instrument :  
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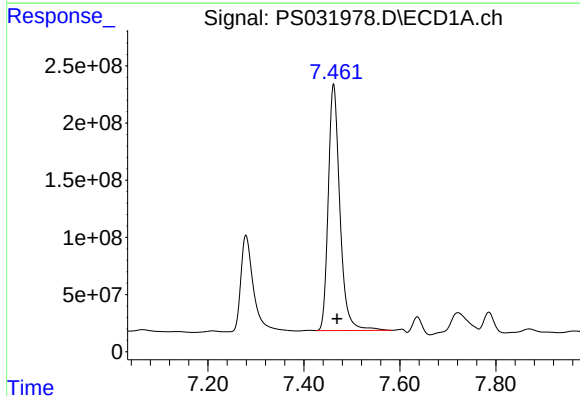
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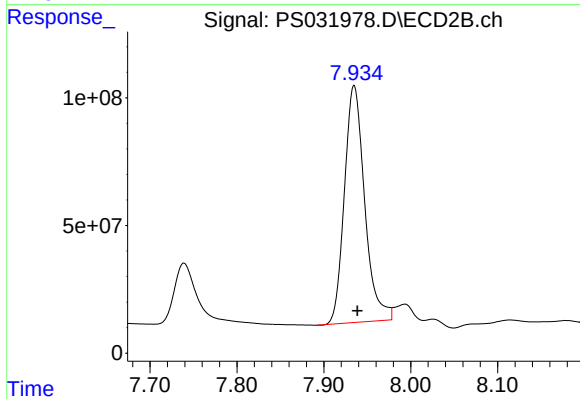
#4 2,4-DCAA

R.T.: 7.739 min  
Delta R.T.: -0.001 min  
Response: 483946190  
Conc: 532.45 ng/ml



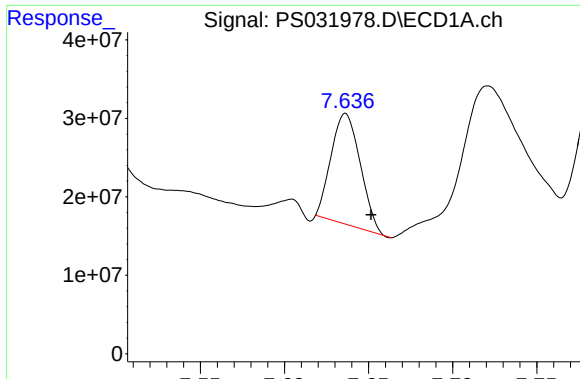
#5 DICAMBA

R.T.: 7.462 min  
Delta R.T.: -0.007 min  
Response: 3621028986  
Conc: 232.17 ng/ml



#5 DICAMBA

R.T.: 7.935 min  
Delta R.T.: -0.004 min  
Response: 1502917642  
Conc: 230.97 ng/ml



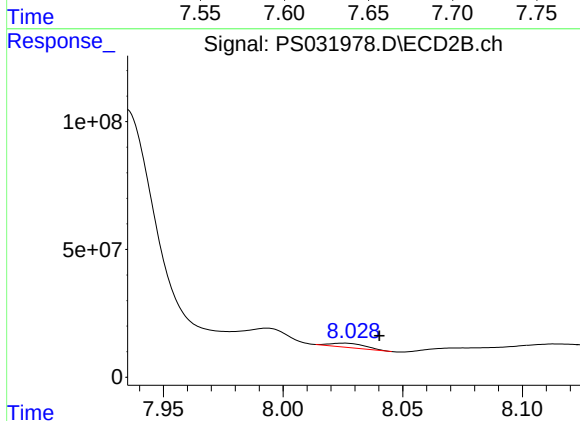
#6 MCPP

R.T.: 7.636 min  
Delta R.T.: -0.015 min  
Response: 169847554  
Conc: 19.00 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
OR-658-COMP-01MSD

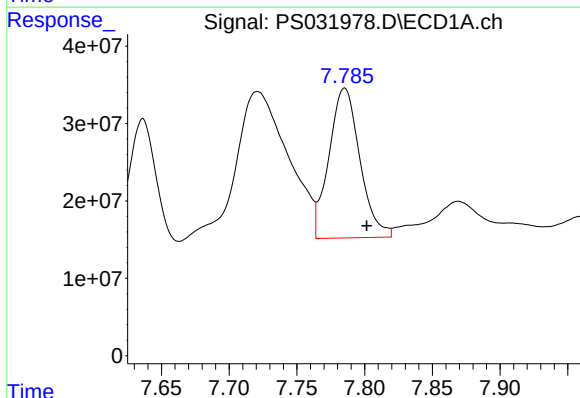
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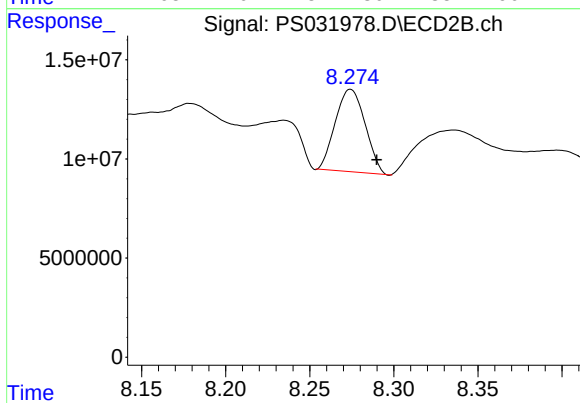
#6 MCPP

R.T.: 8.028 min  
Delta R.T.: -0.012 min  
Response: 16619438  
Conc: 8.82 ug/ml m



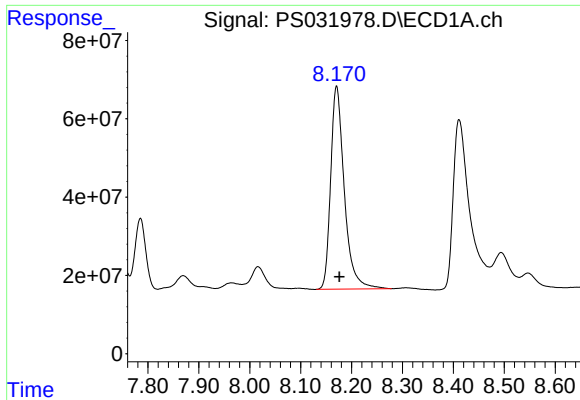
#7 MCPA

R.T.: 7.785 min  
Delta R.T.: -0.016 min  
Response: 307708290  
Conc: 27.70 ug/ml



#7 MCPA

R.T.: 8.274 min  
Delta R.T.: -0.016 min  
Response: 51205999  
Conc: 18.28 ug/ml



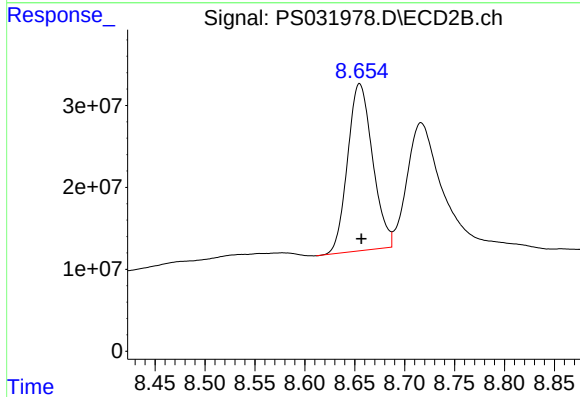
#8 DICHLORPROP

R.T.: 8.171 min  
Delta R.T.: -0.006 min  
Response: 964877236  
Conc: 270.90 ng/ml

Instrument :  
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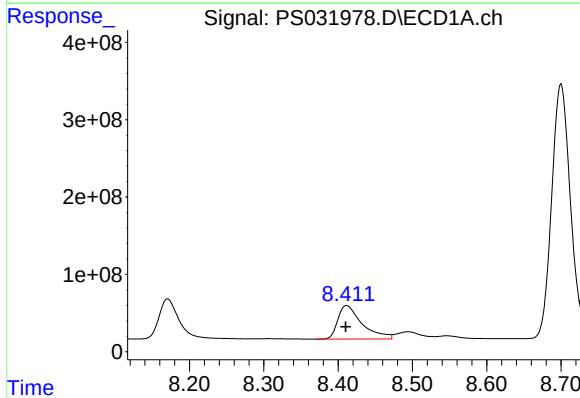
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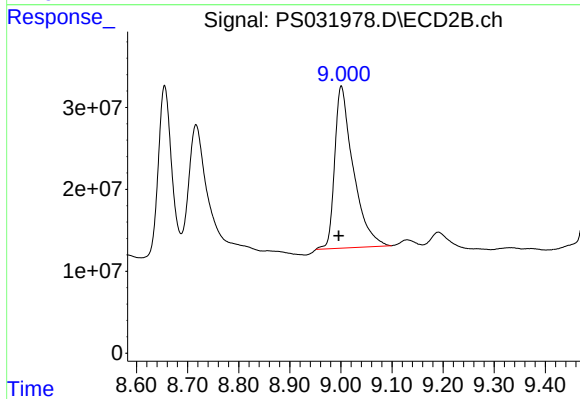
#8 DICHLORPROP

R.T.: 8.655 min  
Delta R.T.: -0.001 min  
Response: 355622802  
Conc: 244.40 ng/ml



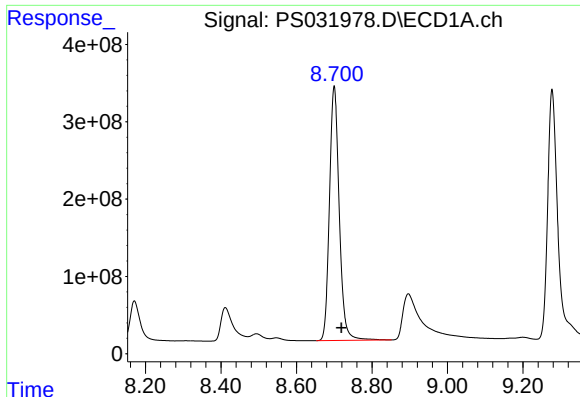
#9 2,4-D

R.T.: 8.412 min  
Delta R.T.: 0.000 min  
Response: 982162466  
Conc: 286.71 ng/ml



#9 2,4-D

R.T.: 9.002 min  
Delta R.T.: 0.006 min  
Response: 497777356  
Conc: 302.58 ng/ml



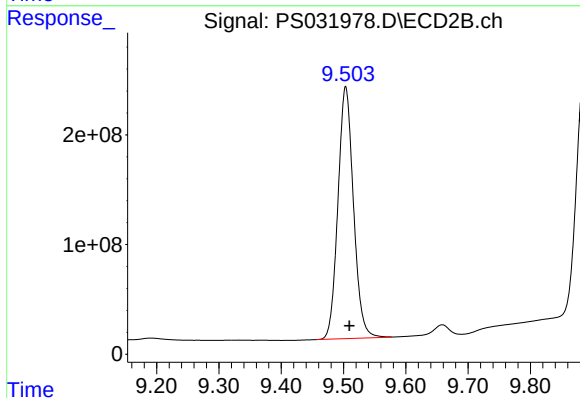
#10 Pentachlorophenol

R.T.: 8.700 min  
Delta R.T.: -0.019 min  
Response: 5916389177  
Conc: 111.43 ng/ml

Instrument :  
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ClientSampleId :  
OR-658-COMP-01MSD

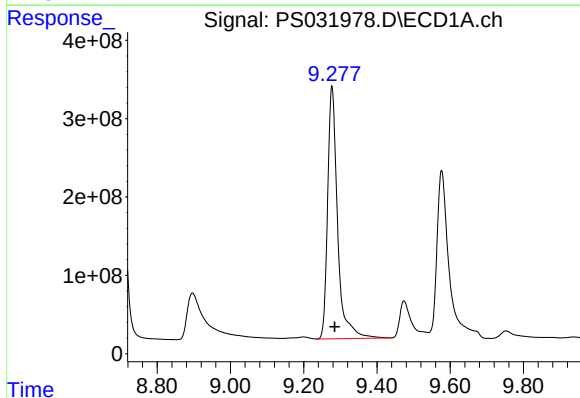
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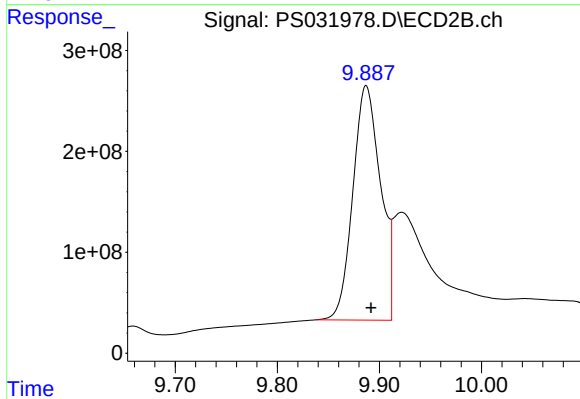
#10 Pentachlorophenol

R.T.: 9.503 min  
Delta R.T.: -0.007 min  
Response: 3980698264  
Conc: 100.29 ng/ml m



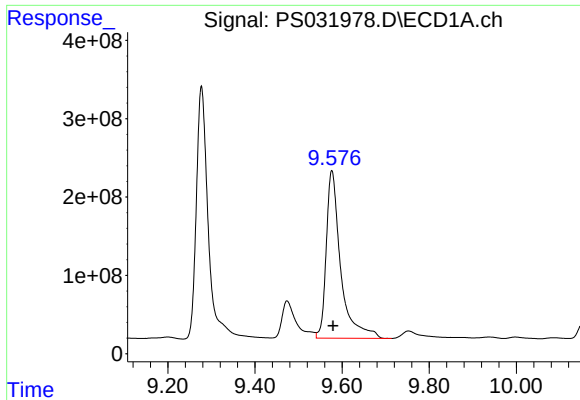
#11 2,4,5-TP (SILVEX)

R.T.: 9.277 min  
Delta R.T.: -0.008 min  
Response: 6076606243  
Conc: 289.73 ng/ml



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

R.T.: 9.887 min  
Delta R.T.: -0.005 min  
Response: 4433889916  
Conc: 294.53 ng/ml m



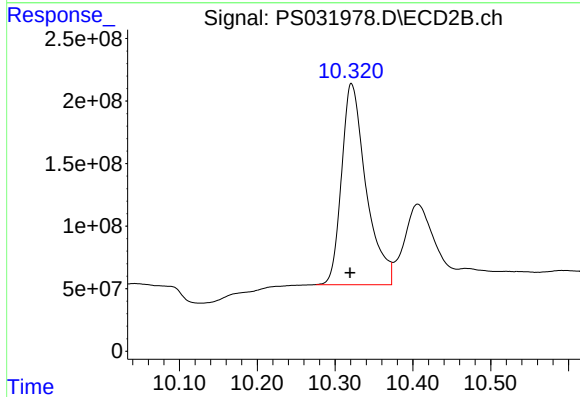
#12 2,4,5-T

R.T.: 9.577 min  
Delta R.T.: -0.003 min  
Response: 4926723172  
Conc: 269.25 ng/ml

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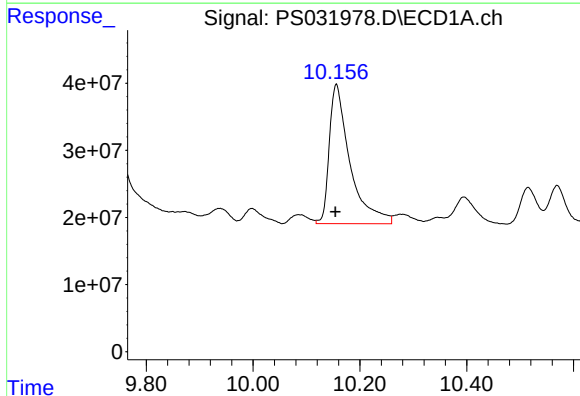
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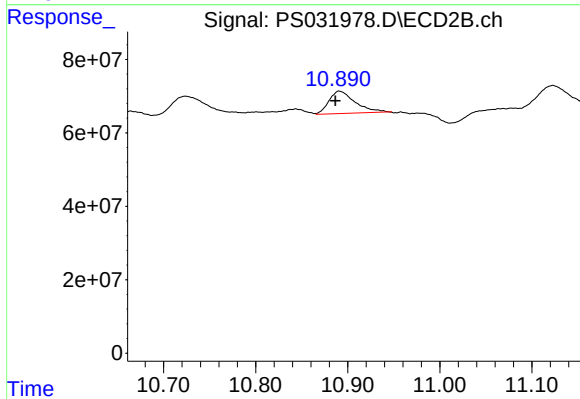
#12 2,4,5-T

R.T.: 10.320 min  
Delta R.T.: 0.001 min  
Response: 3525648285  
Conc: 261.99 ng/ml m



#13 2,4-DB

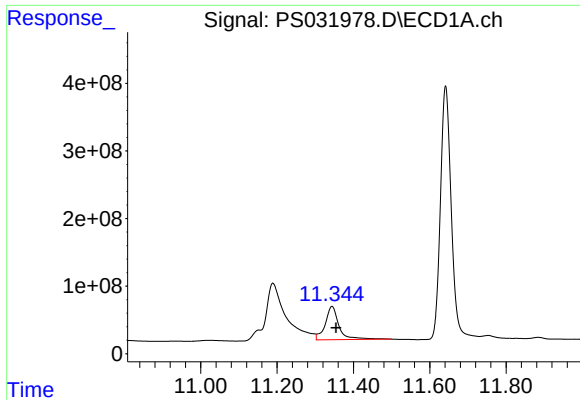
R.T.: 10.156 min  
Delta R.T.: 0.002 min  
Response: 560121165  
Conc: 240.11 ng/ml



#13 2,4-DB

R.T.: 10.890 min  
Delta R.T.: 0.003 min  
Response: 120230497  
Conc: 112.36 ng/ml m





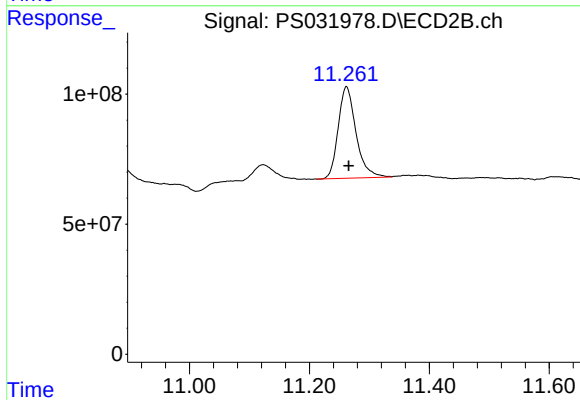
#14 DINOSEB

R.T.: 11.344 min  
Delta R.T.: -0.010 min  
Response: 1234482674  
Conc: 85.59 ng/ml

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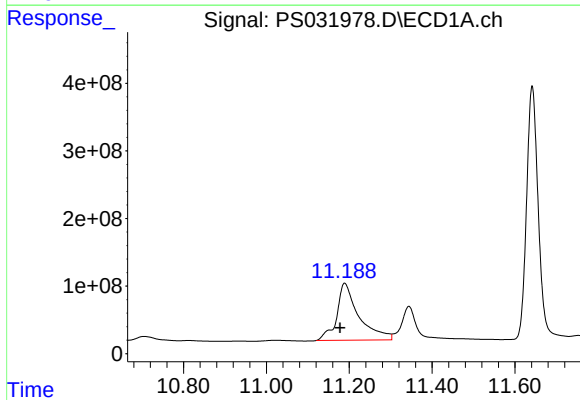
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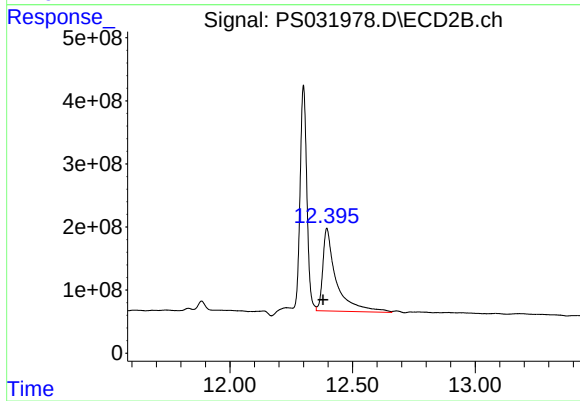
#14 DINOSEB

R.T.: 11.262 min  
Delta R.T.: -0.003 min  
Response: 725061249  
Conc: 74.59 ng/ml



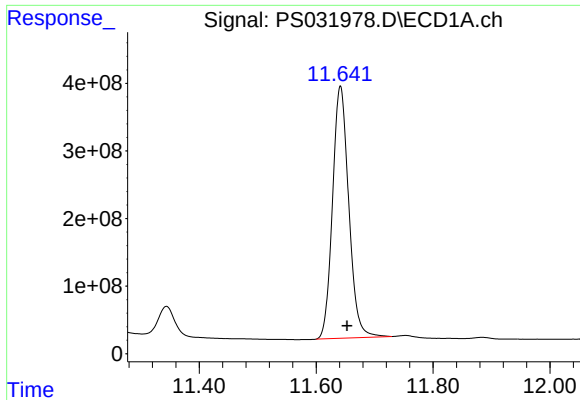
#15 Picloram

R.T.: 11.189 min  
Delta R.T.: 0.011 min  
Response: 3125472597  
Conc: 173.53 ng/ml



#15 Picloram

R.T.: 12.396 min  
Delta R.T.: 0.016 min  
Response: 5022149550  
Conc: 212.05 ng/ml



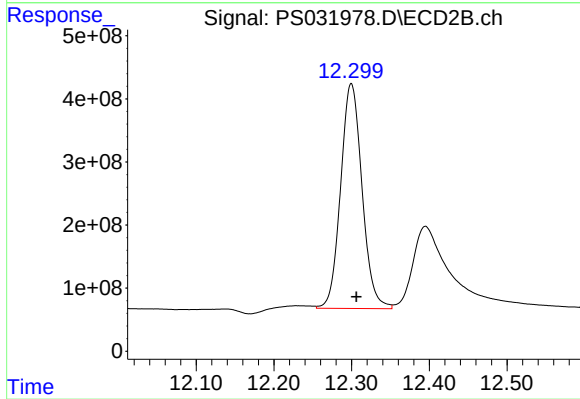
#16 DCPA

R.T.: 11.642 min  
Delta R.T.: -0.011 min  
Response: 7188470288  
Conc: 266.73 ng/ml

Instrument :  
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#16 DCPA

R.T.: 12.300 min  
Delta R.T.: -0.006 min  
Response: 6827978782  
Conc: 283.27 ng/ml