

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS081925\  
 Data File : PS031511.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Aug 2025 00:22  
 Operator : AR\AJ  
 Sample : Q2888-01MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 VNJ-210MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/20/2025  
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 20 06:26:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
 Quant Title : 8080.M  
 QLast Update : Fri Aug 08 03:17:54 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     | 7.281   | 7.745  | 842.9E6  | 254.7E6  | 265.577  | 301.323m  |
| Target Compounds            |              |         |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.662   | 2.692  | 567.2E6  | 441.7E6  | 108.059m | 165.974m# |
| 2) T                        | 3,5-DICHL... | 6.454   | 6.694  | 921.5E6  | 237.3E6  | 195.300  | 175.501   |
| 5) T                        | DICAMBA      | 7.472   | 7.939  | 3692.2E6 | 1680.2E6 | 264.360  | 295.677   |
| 6) T                        | MCP          | 7.649   | 8.043  | 93440210 | 37313620 | 11.615   | 21.107 #  |
| 7) T                        | MCPA         | 7.799   | 8.280  | 239.6E6  | 51389055 | 24.056   | 18.317    |
| 8) T                        | DICHLORPROP  | 8.179   | 8.656  | 669.8E6  | 291.8E6  | 211.123m | 218.587m  |
| 9) T                        | 2,4-D        | 8.412   | 8.995  | 1153.5E6 | 395.3E6  | 400.978  | 276.967m# |
| 10) T                       | Pentachlo... | 8.712   | 9.509  | 4439.5E6 | 2907.6E6 | 92.466   | 83.483m   |
| 11) T                       | 2,4,5-TP ... | 9.289   | 9.895  | 3866.2E6 | 3012.4E6 | 215.703  | 229.672m  |
| 12) T                       | 2,4,5-T      | 9.582   | 10.321 | 3728.8E6 | 2686.2E6 | 254.507m | 226.875m  |
| 13) T                       | 2,4-DB       | 10.158  | 10.888 | 38635899 | 153.5E6  | 20.105m  | 159.138 # |
| 14) T                       | DINOSEB      | 11.341f | 11.280 | 50560563 | 325.9E6  | 3.988m   | 34.457 #  |
| 15) T                       | Picloram     | 11.180  | 12.383 | 5143.3E6 | 5617.8E6 | 393.994m | 320.472   |
| 16) T                       | DCPA         | 11.657  | 12.310 | 9162.9E6 | 7927.4E6 | 402.247m | 402.400m  |
| -----                       |              |         |        |          |          |          |           |

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

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Acq On : 20 Aug 2025 00:22  
Operator : AR\AJ  
Sample : Q2888-01MSD  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

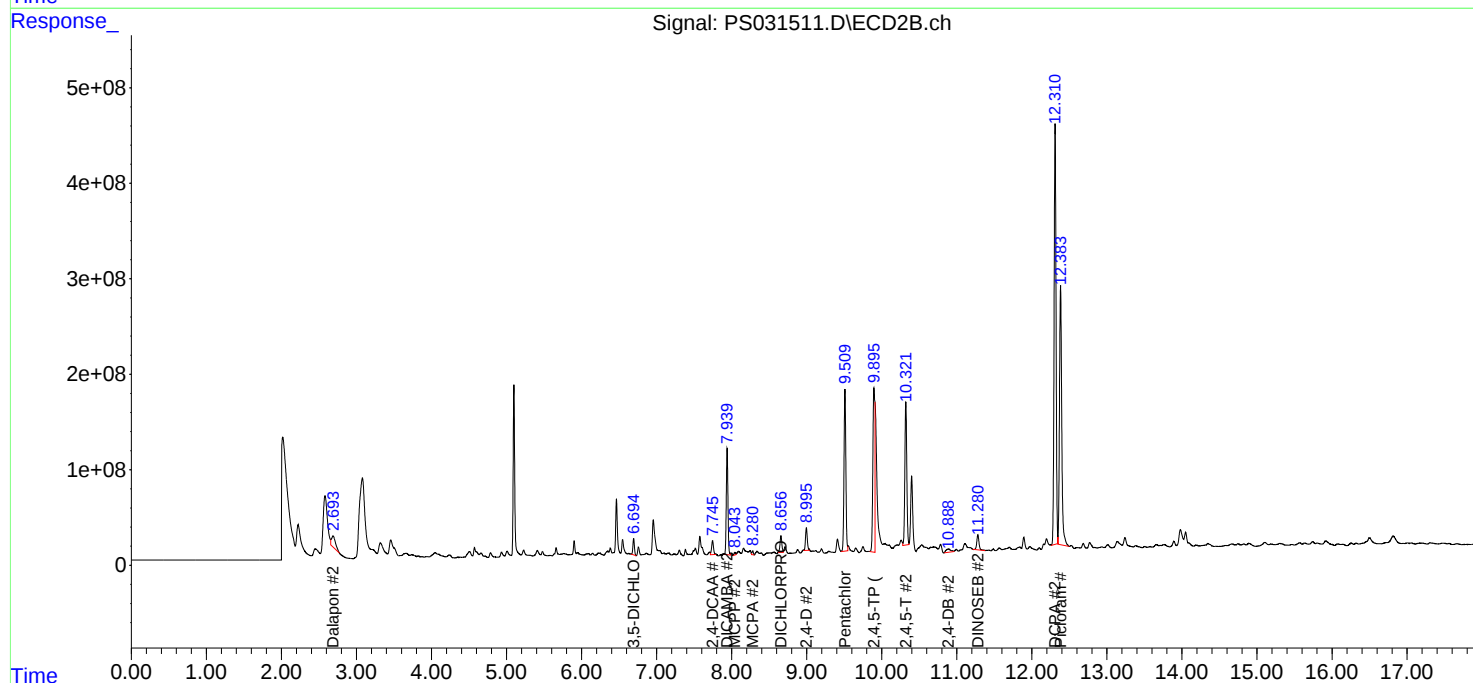
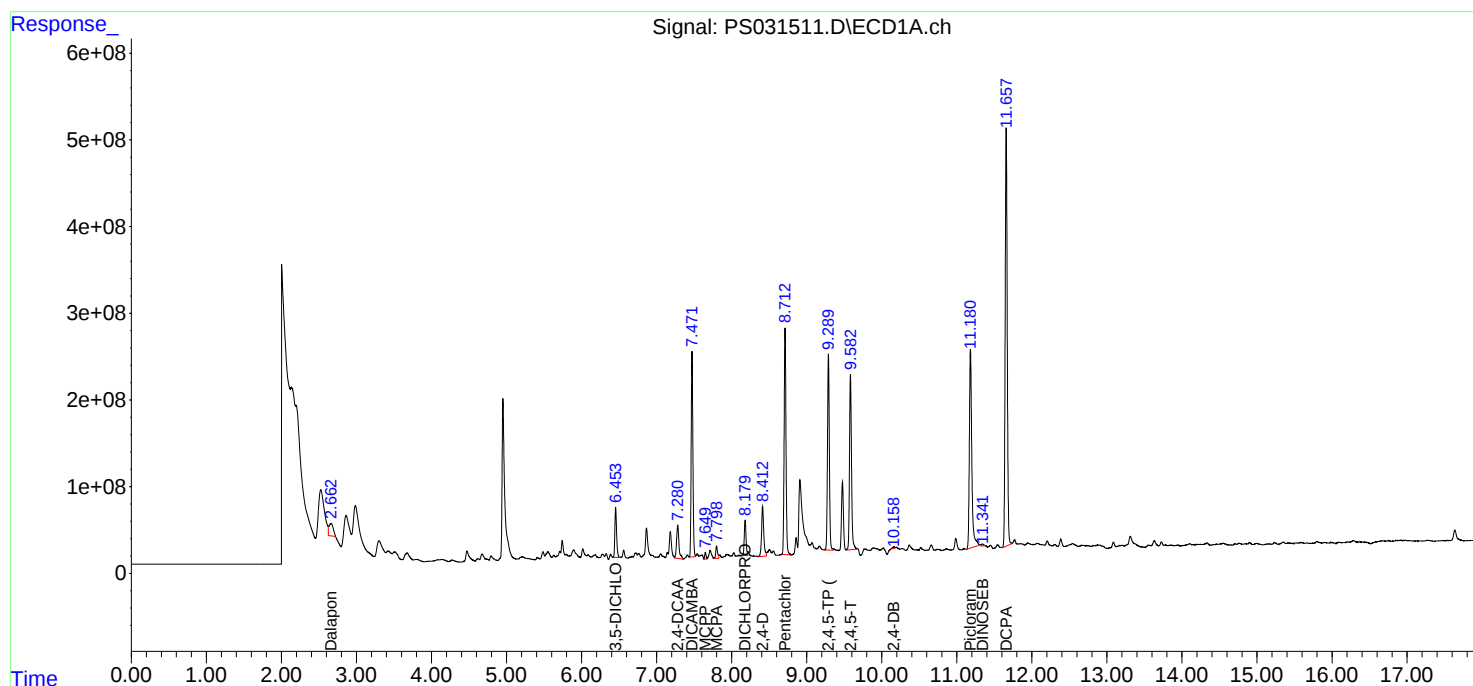
Instrument :  
ECD\_S  
ClientSampleId :  
VNJ-210MSD

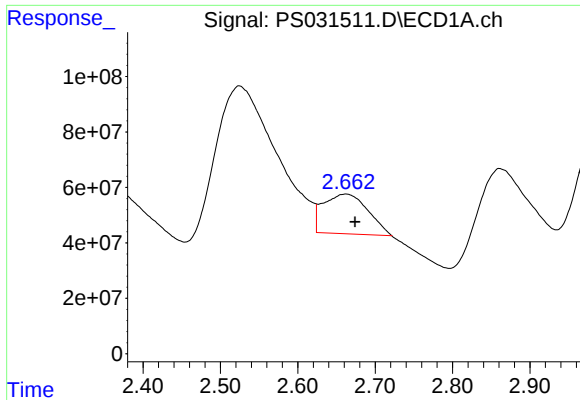
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 20 06:26:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
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Volume 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





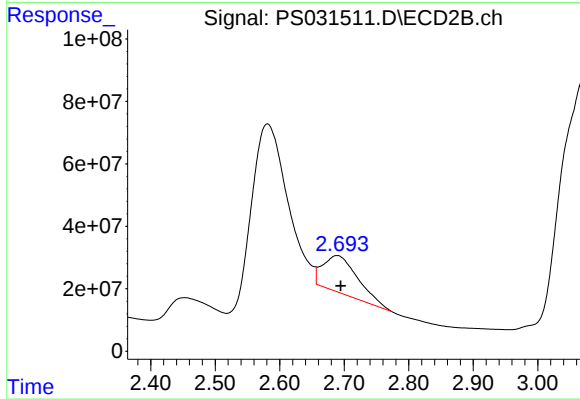
#1 Dalapon

R.T.: 2.662 min  
Delta R.T.: -0.012 min  
Response: 567196903  
Conc: 108.06 ng/ml

Instrument :  
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VNJ-210MSD

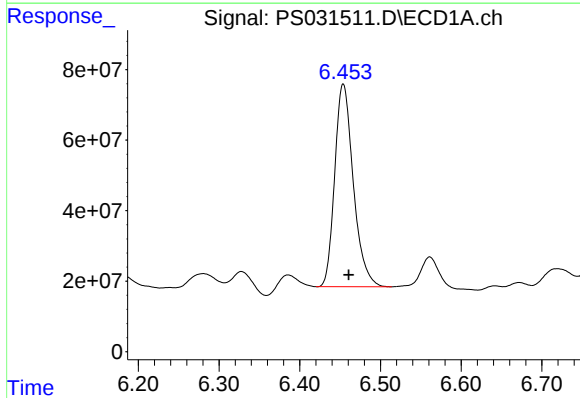
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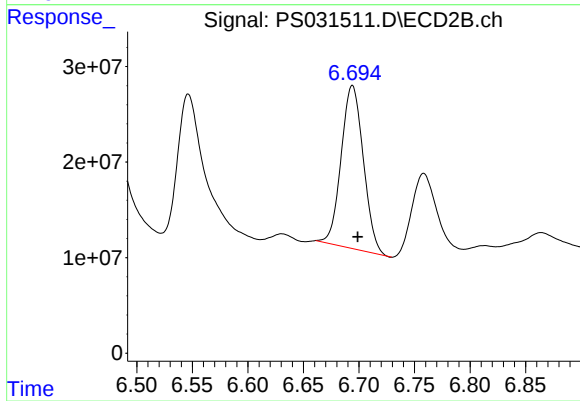
#1 Dalapon

R.T.: 2.692 min  
Delta R.T.: -0.002 min  
Response: 441658336  
Conc: 165.97 ng/ml m



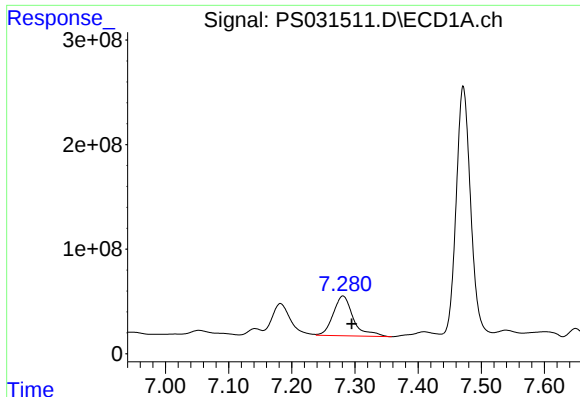
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min  
Delta R.T.: -0.007 min  
Response: 921485557  
Conc: 195.30 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min  
Delta R.T.: -0.005 min  
Response: 237264438  
Conc: 175.50 ng/ml



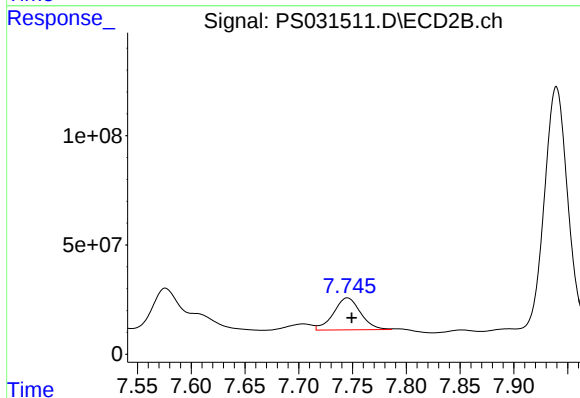
#4 2,4-DCAA

R.T.: 7.281 min  
Delta R.T.: -0.014 min  
Response: 842938632  
Conc: 265.58 ng/ml

Instrument :  
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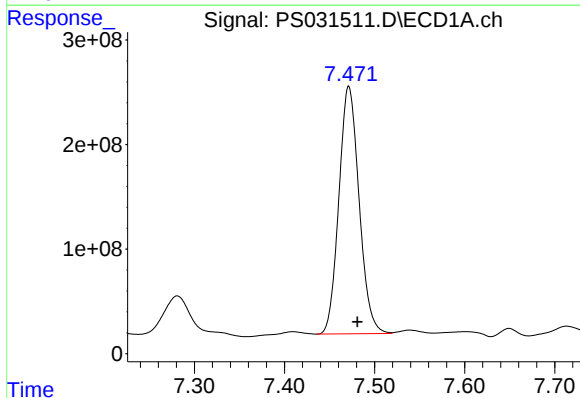
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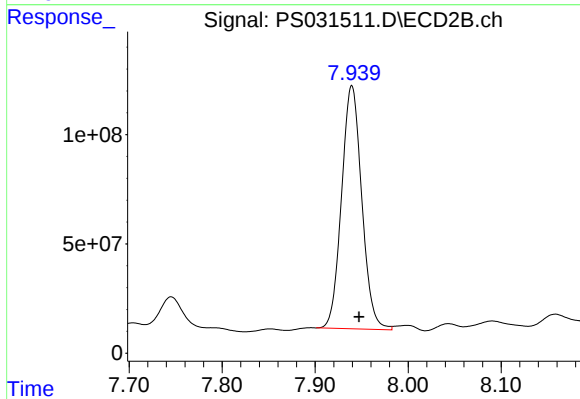
#4 2,4-DCAA

R.T.: 7.745 min  
Delta R.T.: -0.005 min  
Response: 254720345  
Conc: 301.32 ng/ml m



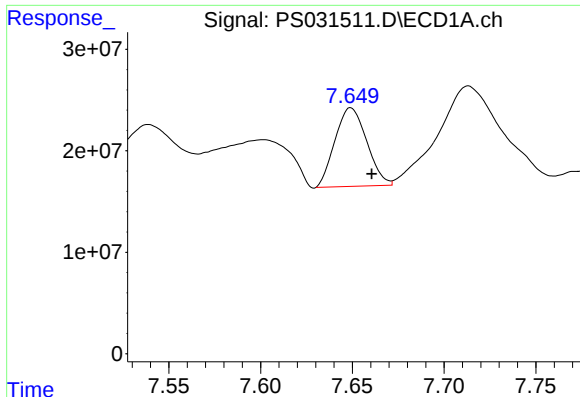
#5 DICAMBA

R.T.: 7.472 min  
Delta R.T.: -0.009 min  
Response: 3692175356  
Conc: 264.36 ng/ml



#5 DICAMBA

R.T.: 7.939 min  
Delta R.T.: -0.008 min  
Response: 1680243163  
Conc: 295.68 ng/ml



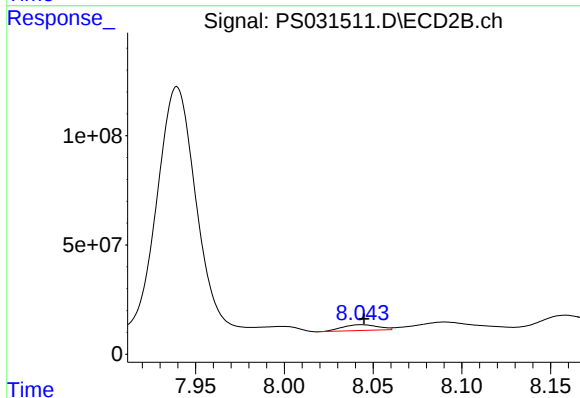
#6 MCPP

R.T.: 7.649 min  
Delta R.T.: -0.011 min  
Response: 93440210  
Conc: 11.61 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
VNJ-210MSD

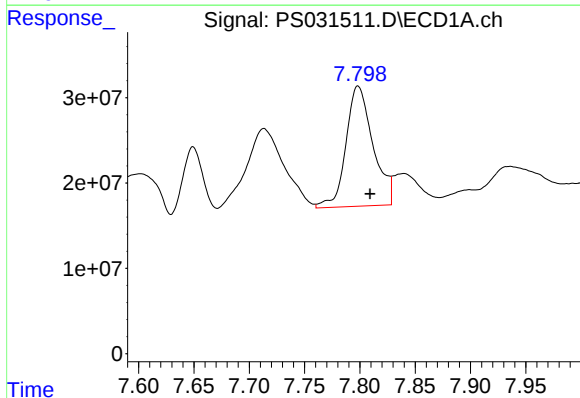
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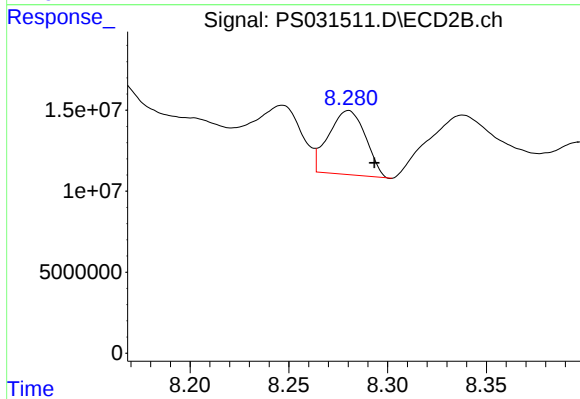
#6 MCPP

R.T.: 8.043 min  
Delta R.T.: -0.002 min  
Response: 37313620  
Conc: 21.11 ug/ml



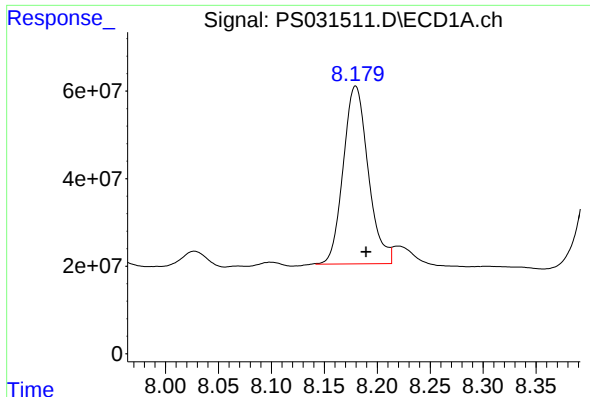
#7 MCPA

R.T.: 7.799 min  
Delta R.T.: -0.011 min  
Response: 239630379  
Conc: 24.06 ug/ml



#7 MCPA

R.T.: 8.280 min  
Delta R.T.: -0.013 min  
Response: 51389055  
Conc: 18.32 ug/ml



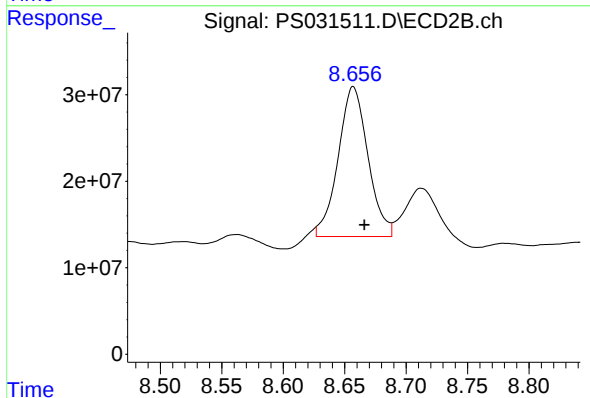
#8 DICHLORPROP

R.T.: 8.179 min  
Delta R.T.: -0.010 min  
Response: 669773131  
Conc: 211.12 ng/ml

Instrument :  
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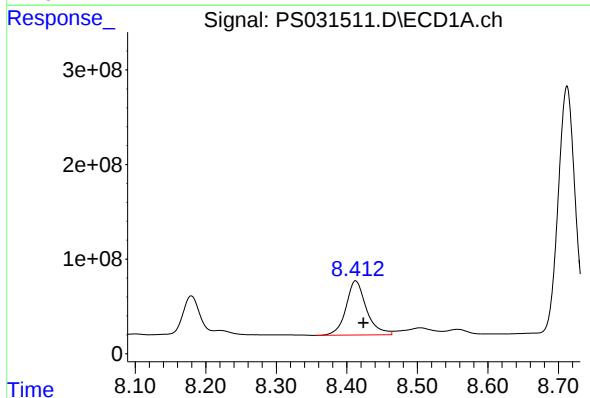
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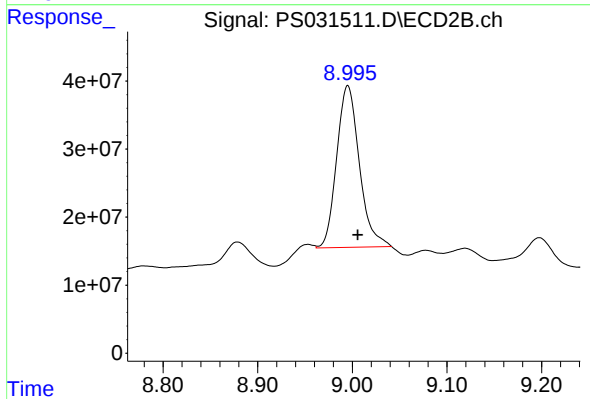
#8 DICHLORPROP

R.T.: 8.656 min  
Delta R.T.: -0.010 min  
Response: 291821095  
Conc: 218.59 ng/ml m



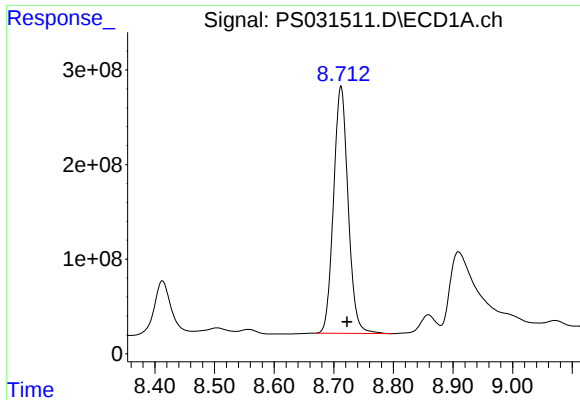
#9 2,4-D

R.T.: 8.412 min  
Delta R.T.: -0.011 min  
Response: 1153540749  
Conc: 400.98 ng/ml



#9 2,4-D

R.T.: 8.995 min  
Delta R.T.: -0.011 min  
Response: 395311163  
Conc: 276.97 ng/ml m



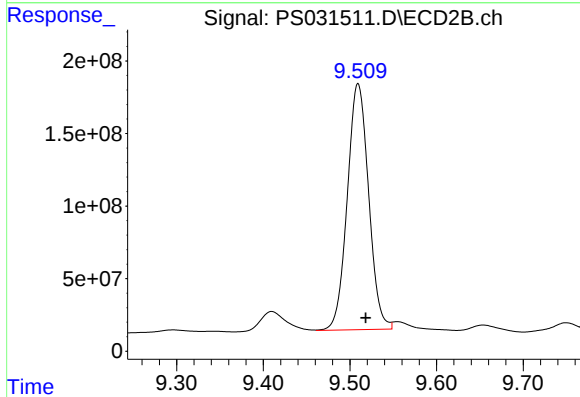
#10 Pentachlorophenol

R.T.: 8.712 min  
Delta R.T.: -0.010 min  
Response: 4439527867  
Conc: 92.47 ng/ml

Instrument :  
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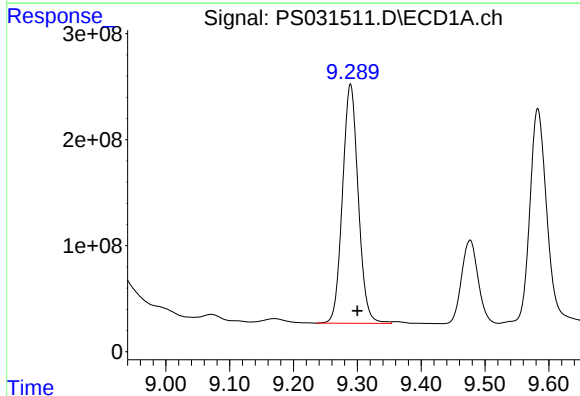
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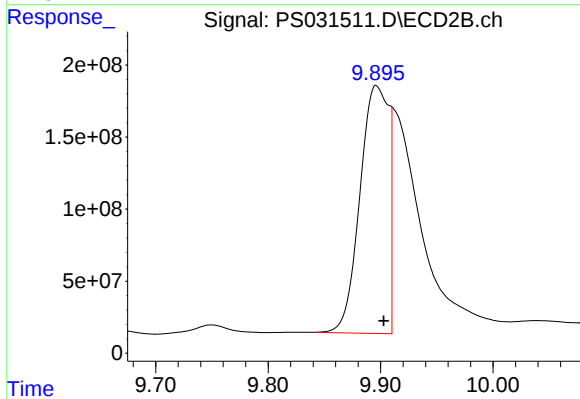
#10 Pentachlorophenol

R.T.: 9.509 min  
Delta R.T.: -0.009 min  
Response: 2907591771  
Conc: 83.48 ng/ml m



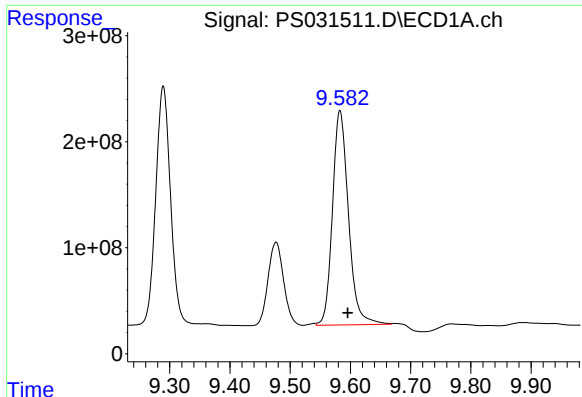
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min  
Delta R.T.: -0.011 min  
Response: 3866200825  
Conc: 215.70 ng/ml



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

R.T.: 9.895 min  
Delta R.T.: -0.008 min  
Response: 3012378646  
Conc: 229.67 ng/ml m



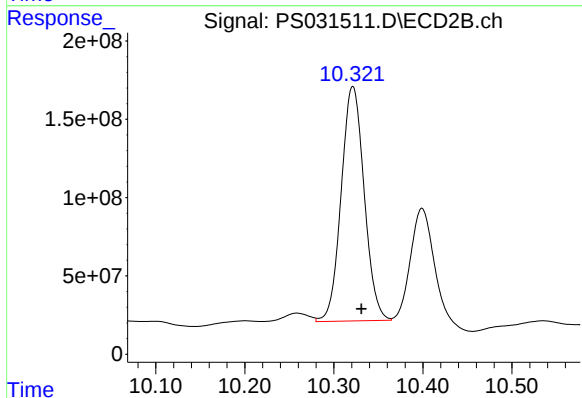
#12 2,4,5-T

R.T.: 9.582 min  
Delta R.T.: -0.013 min  
Response: 3728843786  
Conc: 254.51 ng/ml

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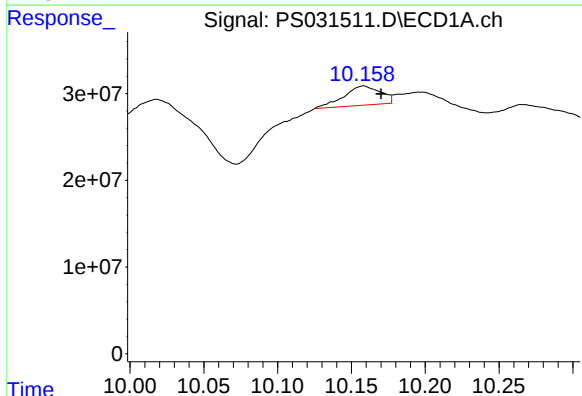
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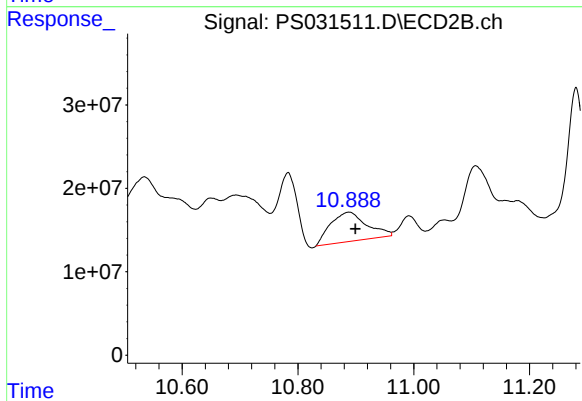
#12 2,4,5-T

R.T.: 10.321 min  
Delta R.T.: -0.010 min  
Response: 2686151035  
Conc: 226.88 ng/ml m



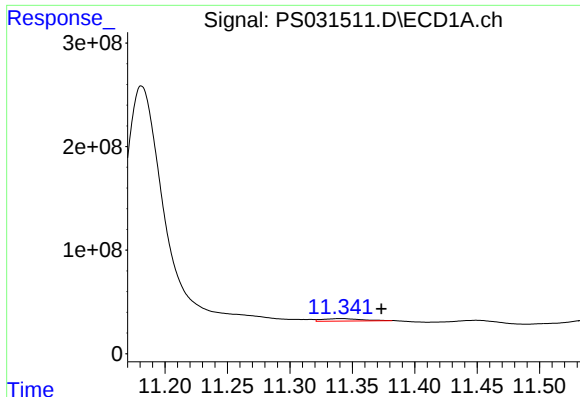
#13 2,4-DB

R.T.: 10.158 min  
Delta R.T.: -0.013 min  
Response: 38635899  
Conc: 20.10 ng/ml m



#13 2,4-DB

R.T.: 10.888 min  
Delta R.T.: -0.011 min  
Response: 153543394  
Conc: 159.14 ng/ml



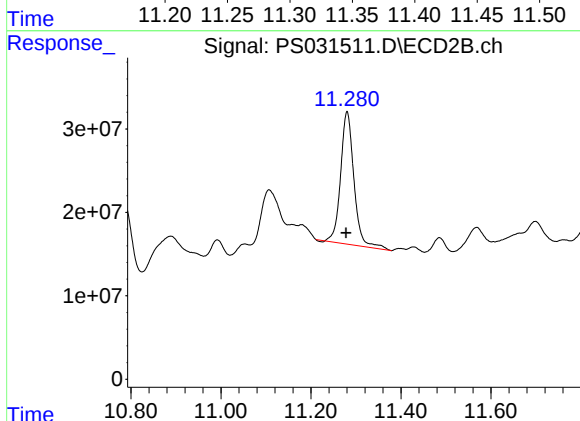
#14 DINOSEB

R.T.: 11.341 min  
Delta R.T.: -0.033 min  
Response: 50560563  
Conc: 3.99 ng/ml

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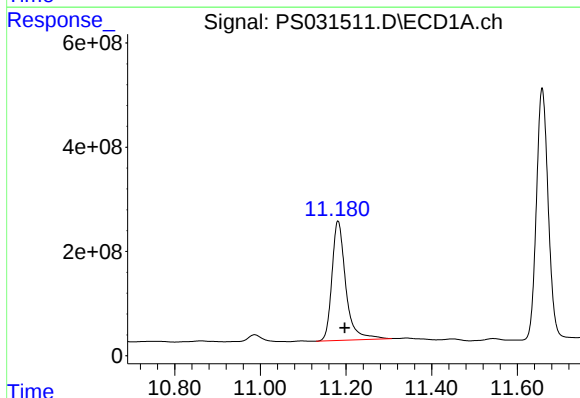
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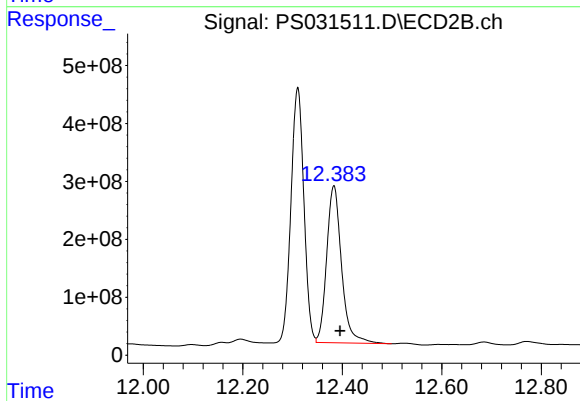
#14 DINOSEB

R.T.: 11.280 min  
Delta R.T.: 0.002 min  
Response: 325859217  
Conc: 34.46 ng/ml



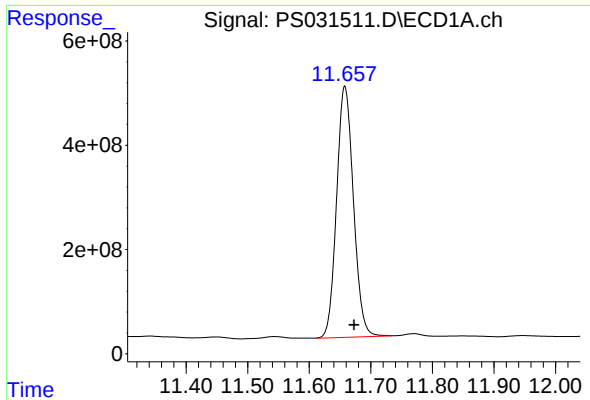
#15 Picloram

R.T.: 11.180 min  
Delta R.T.: -0.017 min  
Response: 5143251346  
Conc: 393.99 ng/ml m



#15 Picloram

R.T.: 12.383 min  
Delta R.T.: -0.012 min  
Response: 5617781395  
Conc: 320.47 ng/ml



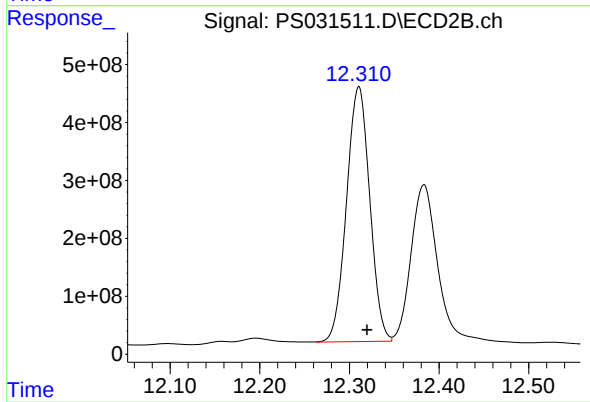
#16 DCPA

R.T.: 11.657 min  
Delta R.T.: -0.016 min  
Response: 9162914558  
Conc: 402.25 ng/ml

Instrument :  
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#16 DCPA

R.T.: 12.310 min  
Delta R.T.: -0.009 min  
Response: 7927440309  
Conc: 402.40 ng/ml m