

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS092225\  
 Data File : PS031804.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 01:54  
 Operator : AR\AJ  
 Sample : Q3133-07MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 VNJ-210MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/24/2025  
 Supervised By : mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 02:42:11 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     | 7.275  | 7.742  | 755.2E6  | 81944386 | 209.691m | 90.158 #  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.657  | 2.671  | 451.8E6  | 310.9E6  | 78.150m  | 110.357m# |
| 2) T                        | 3,5-DICHL... | 6.452  | 6.697  | 447.2E6  | 86798966 | 83.844   | 56.919m#  |
| 3) T                        | 4-Nitroph... | 7.073  | 7.287  | 21179727 | 4504466  | 19.198m  | 3.567m#   |
| 5) T                        | DICAMBA      | 7.467  | 7.939  | 2043.7E6 | 950.9E6  | 131.032  | 146.145   |
| 6) T                        | MCPD         | 7.643  | 8.026  | 36234191 | 2402128  | 4.053m   | 1.275m#   |
| 7) T                        | MCPA         | 7.793  | 8.276  | 52893088 | 30123023 | 4.761    | 10.754m#  |
| 8) T                        | DICHLORPROP  | 8.175  | 8.657  | 407.2E6  | 217.2E6  | 114.321  | 149.282 # |
| 9) T                        | 2,4-D        | 8.411  | 8.999  | 626.8E6  | 214.5E6  | 182.985  | 130.365m# |
| 10) T                       | Pentachlo... | 8.706  | 9.507  | 1266.4E6 | 951.7E6  | 23.852   | 23.979    |
| 11) T                       | 2,4,5-TP ... | 9.283  | 9.912  | 2846.7E6 | 8088.4E6 | 135.729  | 537.279 # |
| 12) T                       | 2,4,5-T      | 9.578  | 10.321 | 2713.7E6 | 2087.4E6 | 148.304m | 155.117   |
| 13) T                       | 2,4-DB       | 10.158 | 10.888 | 24993790 | 13097602 | 10.714m  | 12.240m   |
| 14) T                       | DINOSEB      | 11.348 | 11.276 | 32580382 | 570.6E6  | 2.259m   | 58.700 #  |
| 15) T                       | Picloram     | 11.180 | 12.385 | 2064.8E6 | 1826.4E6 | 114.641  | 77.117 #  |
| 16) T                       | DCPA         | 11.651 | 12.305 | 5120.0E6 | 4247.9E6 | 189.984  | 176.230m  |
| -----                       |              |        |        |          |          |          |           |

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

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Misc :  
ALS Vial : 23 Sample Multiplier: 1

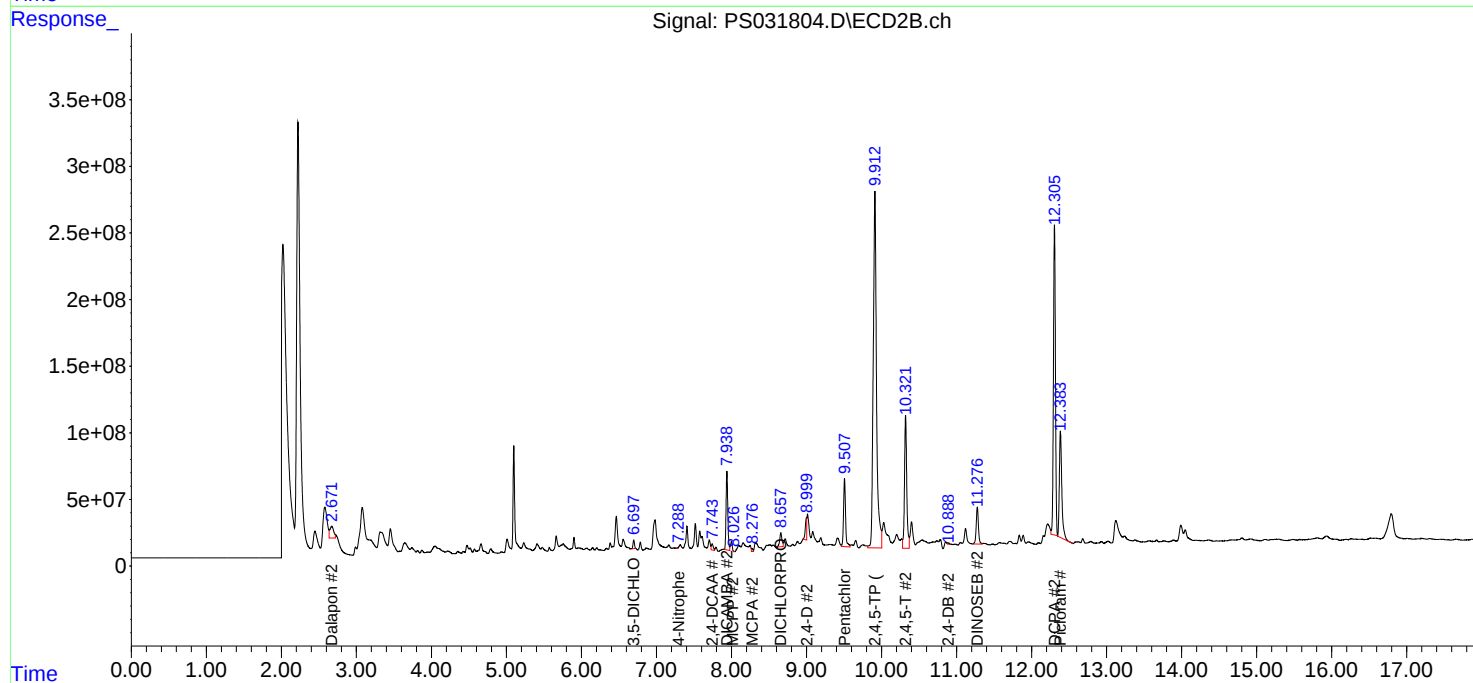
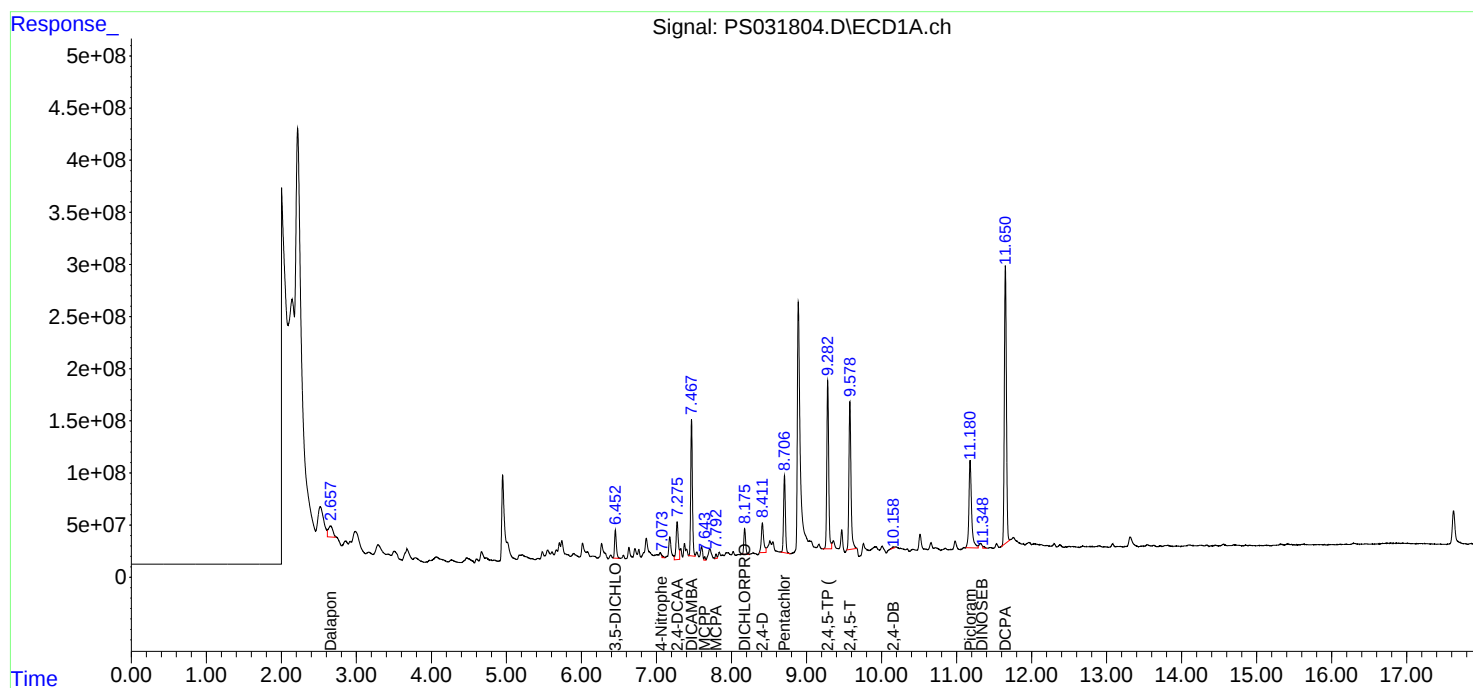
Instrument :  
ECD\_S  
ClientSampleId :  
VNJ-210MSD

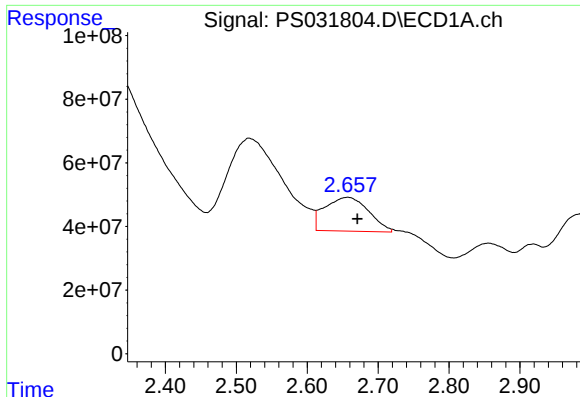
Manual Integrations  
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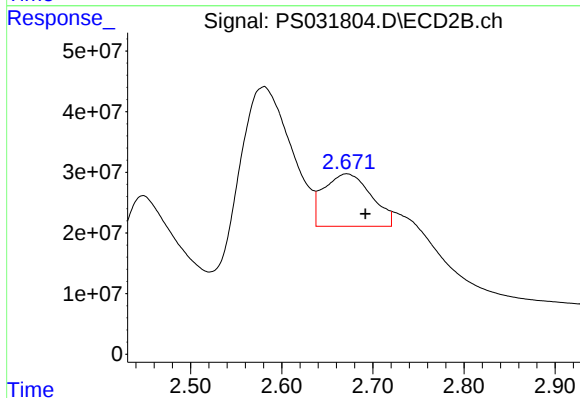
#1 Dalapon

R.T.: 2.657 min  
Delta R.T.: -0.014 min  
Response: 451764105  
Conc: 78.15 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
VNJ-210MSD

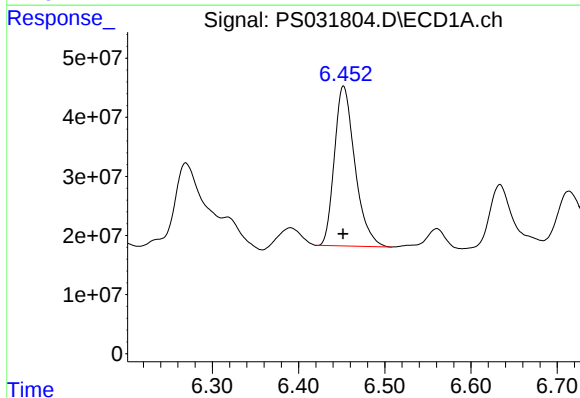
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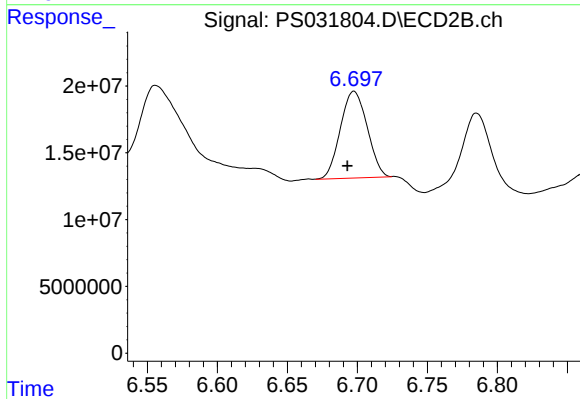
#1 Dalapon

R.T.: 2.671 min  
Delta R.T.: -0.021 min  
Response: 310945300  
Conc: 110.36 ng/ml m



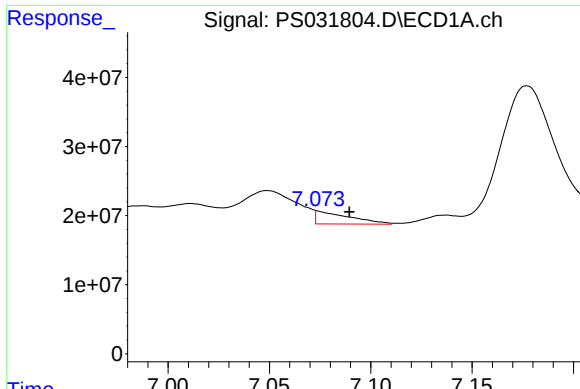
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min  
Delta R.T.: 0.000 min  
Response: 447170438  
Conc: 83.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min  
Delta R.T.: 0.004 min  
Response: 86798966  
Conc: 56.92 ng/ml m



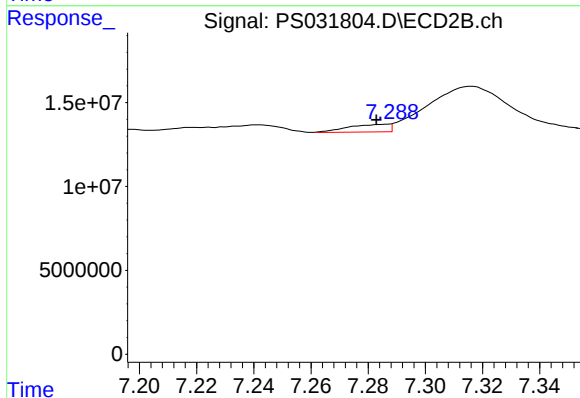
#3 4-Nitrophenol

R.T.: 7.073 min  
Delta R.T.: -0.017 min  
Response: 21179727  
Conc: 19.20 ng/ml

Instrument :  
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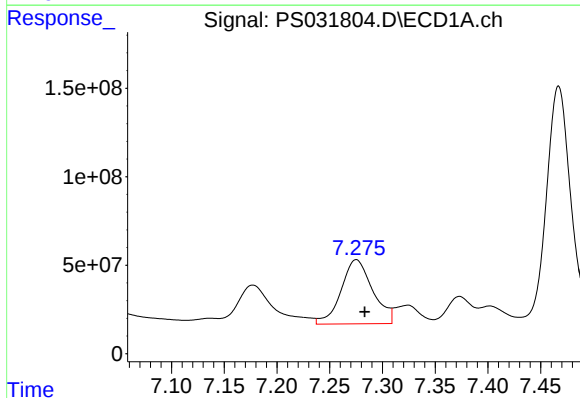
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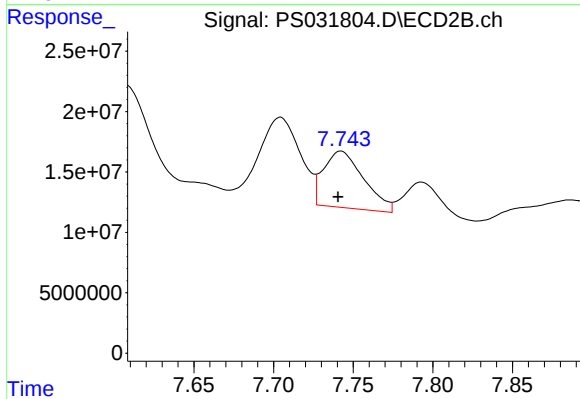
#3 4-Nitrophenol

R.T.: 7.287 min  
Delta R.T.: 0.005 min  
Response: 4504466  
Conc: 3.57 ng/ml m



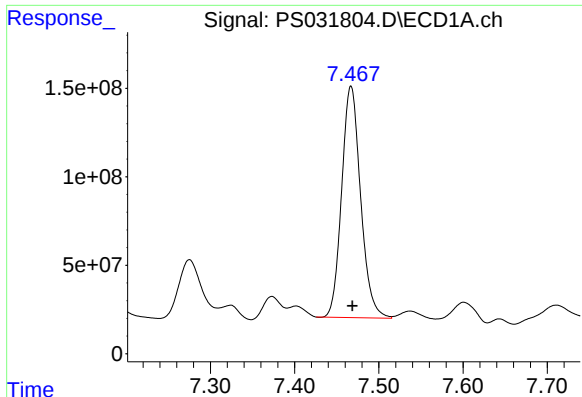
#4 2,4-DCAA

R.T.: 7.275 min  
Delta R.T.: -0.008 min  
Response: 755207106  
Conc: 209.69 ng/ml m



#4 2,4-DCAA

R.T.: 7.742 min  
Delta R.T.: 0.002 min  
Response: 81944386  
Conc: 90.16 ng/ml



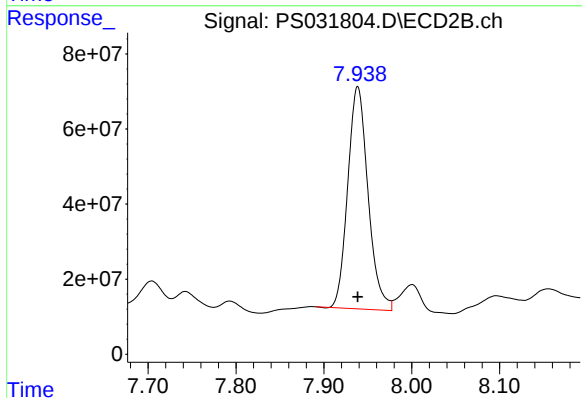
#5 DICAMBA

R.T.: 7.467 min  
Delta R.T.: -0.002 min  
Response: 2043669710  
Conc: 131.03 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
VNJ-210MSD

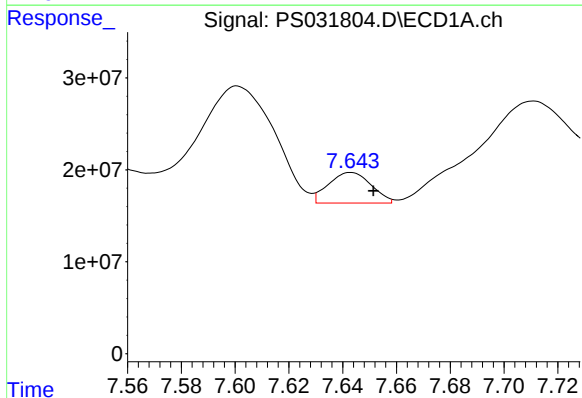
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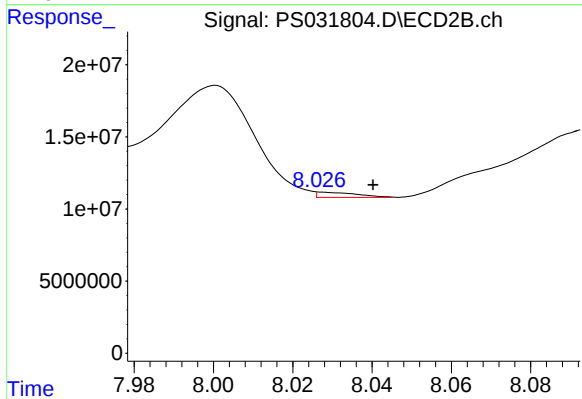
#5 DICAMBA

R.T.: 7.939 min  
Delta R.T.: 0.000 min  
Response: 950945506  
Conc: 146.15 ng/ml



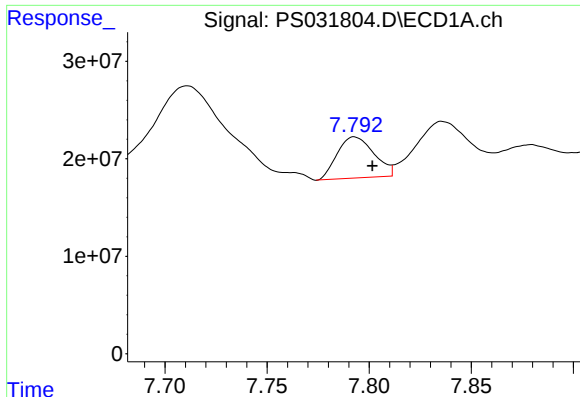
#6 MCPP

R.T.: 7.643 min  
Delta R.T.: -0.009 min  
Response: 36234191  
Conc: 4.05 ug/ml m



#6 MCPP

R.T.: 8.026 min  
Delta R.T.: -0.014 min  
Response: 2402128  
Conc: 1.28 ug/ml m



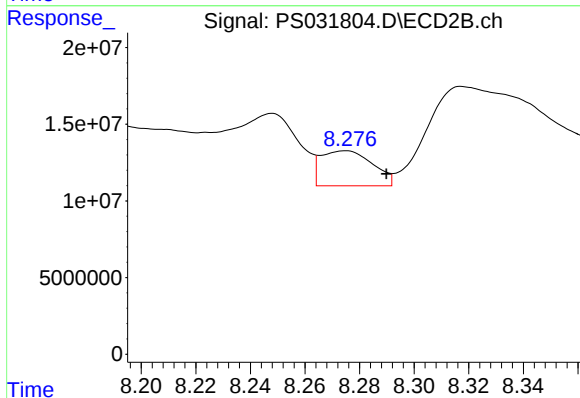
#7 MCPA

R.T.: 7.793 min  
Delta R.T.: -0.009 min  
Response: 52893088  
Conc: 4.76 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
VNJ-210MSD

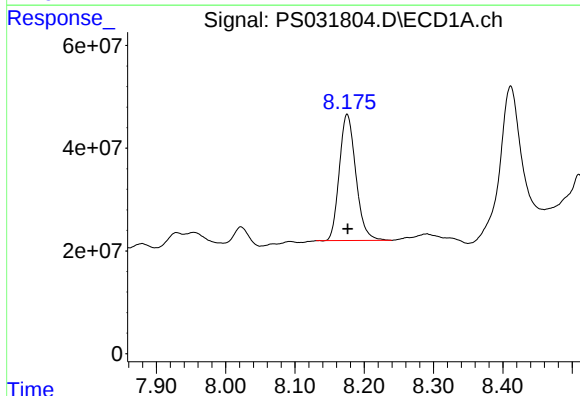
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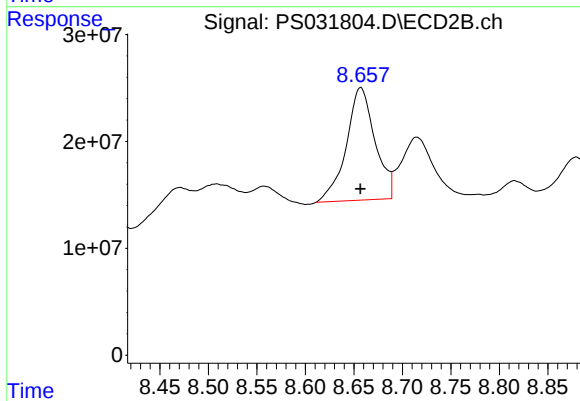
#7 MCPA

R.T.: 8.276 min  
Delta R.T.: -0.014 min  
Response: 30123023  
Conc: 10.75 ug/ml m



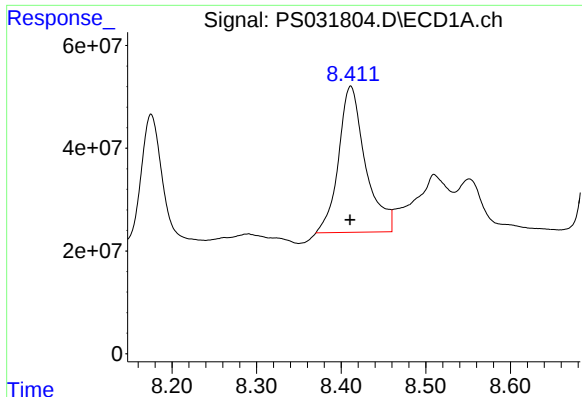
#8 DICHLORPROP

R.T.: 8.175 min  
Delta R.T.: -0.001 min  
Response: 407185822  
Conc: 114.32 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min  
Delta R.T.: 0.000 min  
Response: 217214770  
Conc: 149.28 ng/ml



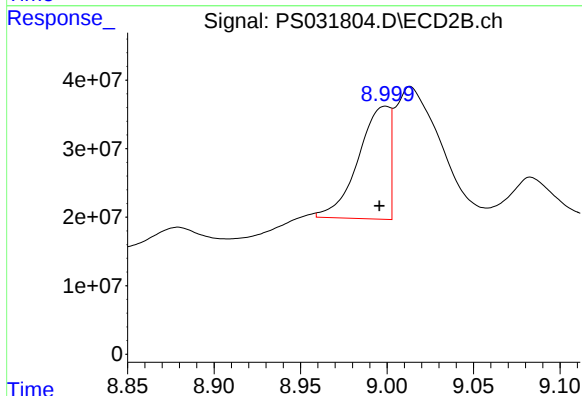
#9 2,4-D

R.T.: 8.411 min  
Delta R.T.: 0.000 min  
Response: 626839527  
Conc: 182.98 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
VNJ-210MSD

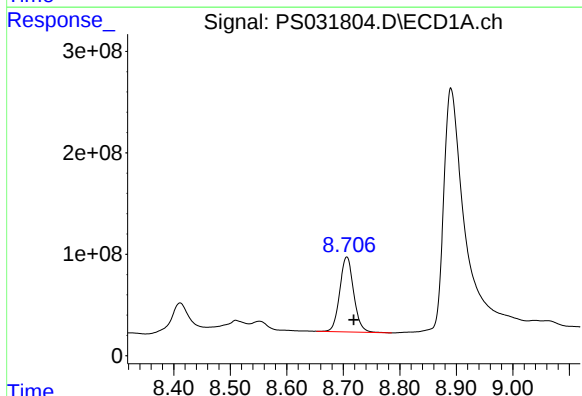
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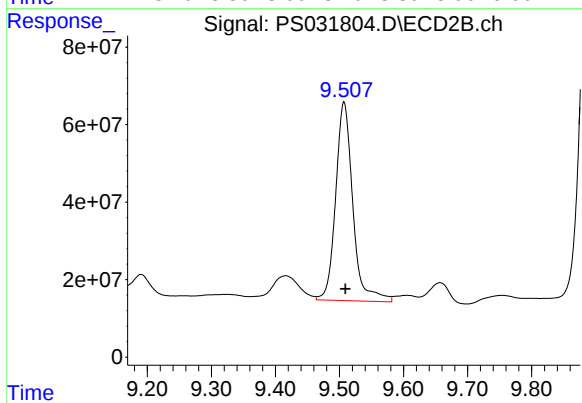
#9 2,4-D

R.T.: 8.999 min  
Delta R.T.: 0.003 min  
Response: 214465532  
Conc: 130.37 ng/ml m



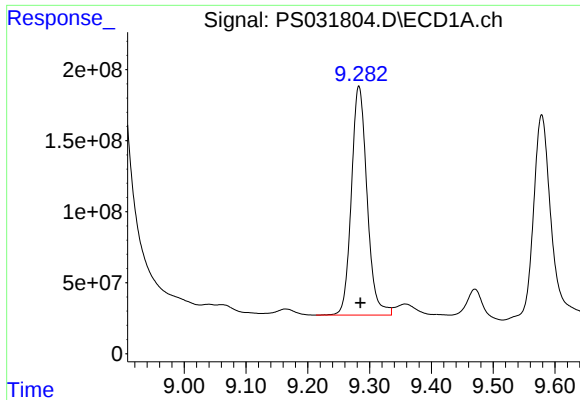
#10 Pentachlorophenol

R.T.: 8.706 min  
Delta R.T.: -0.012 min  
Response: 1266391589  
Conc: 23.85 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min  
Delta R.T.: -0.002 min  
Response: 951749543  
Conc: 23.98 ng/ml



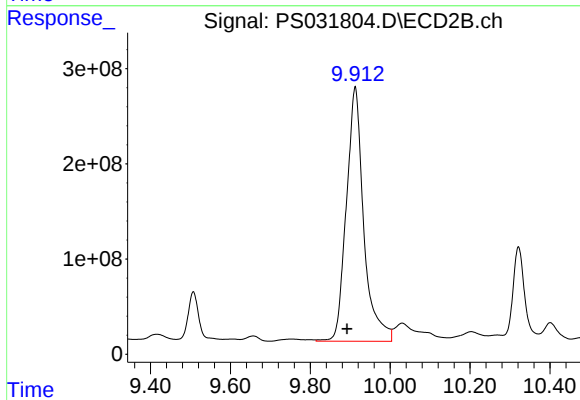
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min  
Delta R.T.: -0.002 min  
Response: 2846733799  
Conc: 135.73 ng/ml

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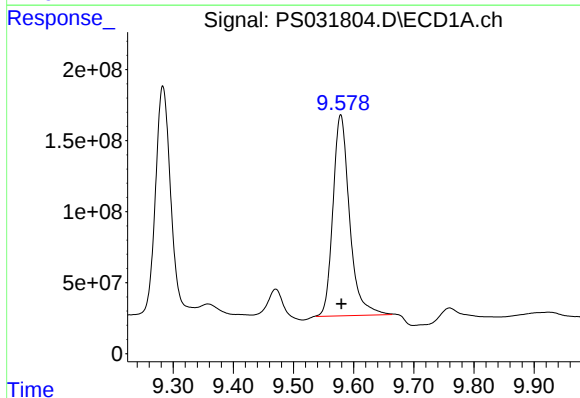
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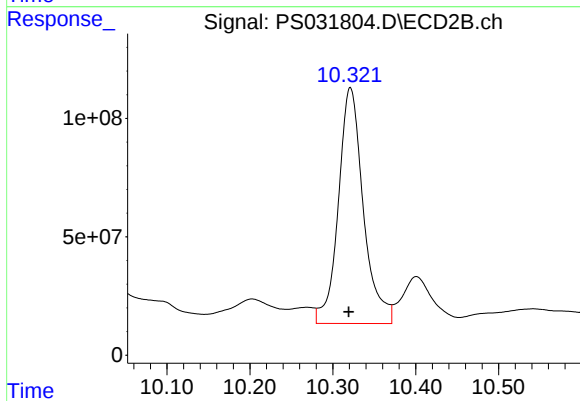
#11 2,4,5-TP (SILVEX)

R.T.: 9.912 min  
Delta R.T.: 0.021 min  
Response: 8088369334  
Conc: 537.28 ng/ml



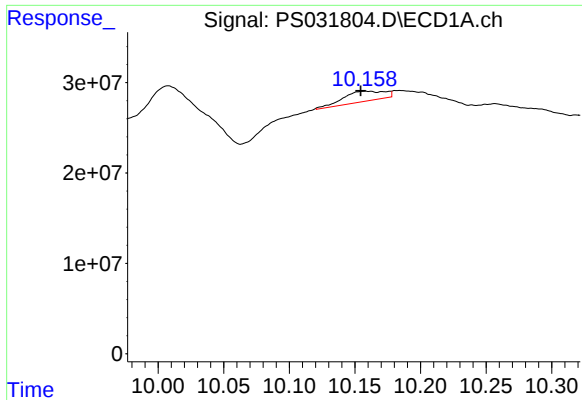
#12 2,4,5-T

R.T.: 9.578 min  
Delta R.T.: -0.001 min  
Response: 2713698245  
Conc: 148.30 ng/ml m



#12 2,4,5-T

R.T.: 10.321 min  
Delta R.T.: 0.002 min  
Response: 2087417562  
Conc: 155.12 ng/ml



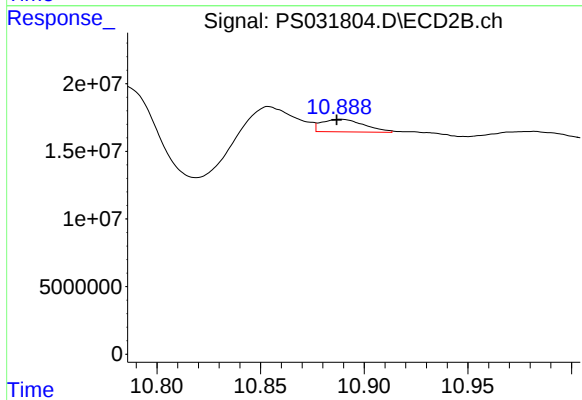
#13 2,4-DB

R.T.: 10.158 min  
Delta R.T.: 0.003 min  
Response: 24993790  
Conc: 10.71 ng/ml

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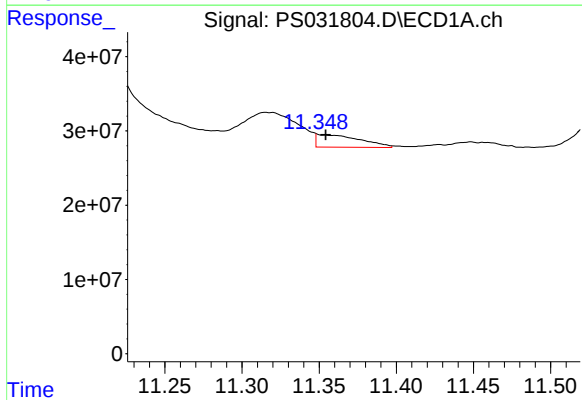
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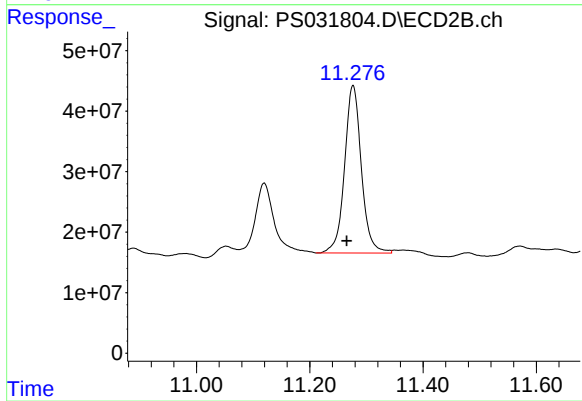
#13 2,4-DB

R.T.: 10.888 min  
Delta R.T.: 0.001 min  
Response: 13097602  
Conc: 12.24 ng/ml m



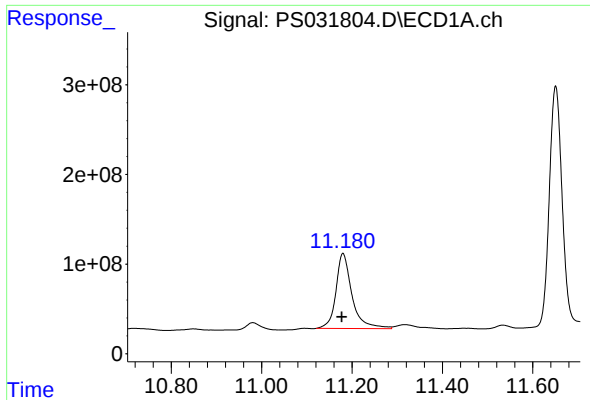
#14 DINOSEB

R.T.: 11.348 min  
Delta R.T.: -0.006 min  
Response: 32580382  
Conc: 2.26 ng/ml m



#14 DINOSEB

R.T.: 11.276 min  
Delta R.T.: 0.011 min  
Response: 570603211  
Conc: 58.70 ng/ml



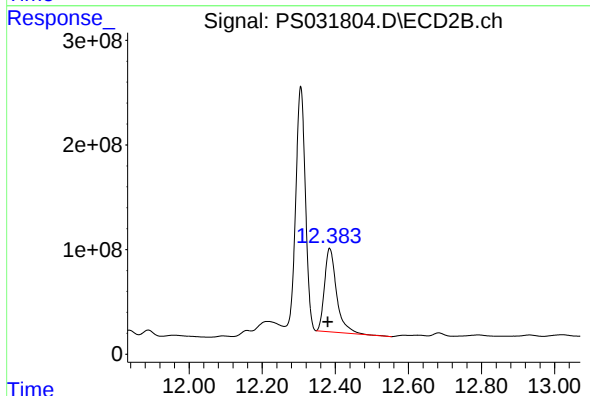
#15 Picloram

R.T.: 11.180 min  
Delta R.T.: 0.002 min  
Response: 2064800764  
Conc: 114.64 ng/ml

Instrument :  
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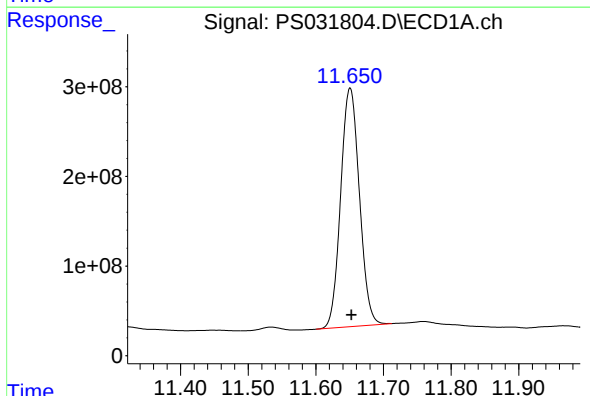
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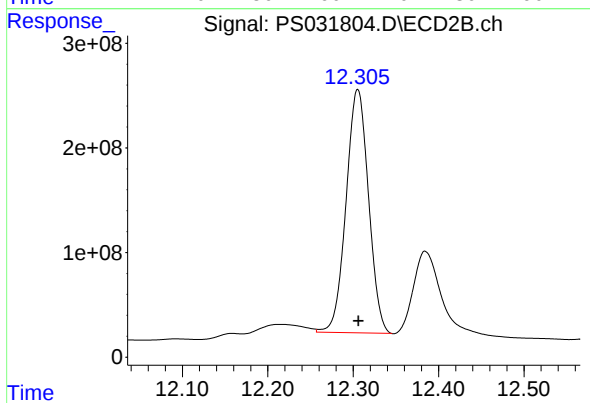
#15 Picloram

R.T.: 12.385 min  
Delta R.T.: 0.005 min  
Response: 1826370247  
Conc: 77.12 ng/ml



#16 DCPA

R.T.: 11.651 min  
Delta R.T.: -0.002 min  
Response: 5120044002  
Conc: 189.98 ng/ml



#16 DCPA

R.T.: 12.305 min  
Delta R.T.: -0.001 min  
Response: 4247860491  
Conc: 176.23 ng/ml m