

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS102025\  
 Data File : PS032096.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2025 13:07  
 Operator : AR\AJ  
 Sample : Q3348-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 WCS-TP1MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025  
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 08:03:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS101325.M  
 Quant Title : 8080.M  
 QLast Update : Mon Oct 13 12:51:14 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   | 7.740   | 3290.6E6 | 593.4E6  | 690.292  | 539.279   |
| Target Compounds            |              |         |         |          |          |          |           |
| 1) T                        | Dalapon      | 2.646   | 2.673   | 654.5E6  | 952.8E6  | 84.698m  | 253.513m# |
| 2) T                        | 3,5-DICHL... | 6.453   | 6.700   | 752.6E6  | 160.4E6  | 106.921  | 76.899m#  |
| 3) T                        | 4-Nitroph... | 7.072   | 7.304   | 131.7E6  | 7803339  | 98.643m  | 5.143m#   |
| 5) T                        | DICAMBA      | 7.465   | 7.935   | 2792.1E6 | 1426.9E6 | 133.325  | 164.757m  |
| 6) T                        | MCPD         | 7.640   | 8.028   | 47817309 | 5644490  | 3.910m   | 2.274m#   |
| 7) T                        | MCPA         | 7.790   | 8.275   | 119.4E6  | 23682926 | 8.111    | 6.278     |
| 8) T                        | DICHLORPROP  | 8.179   | 8.659   | 575.0E6  | 324.2E6  | 120.949  | 165.540 # |
| 9) T                        | 2,4-D        | 8.397   | 9.005   | 598.2E6  | 284.7E6  | 123.198m | 136.963m  |
| 10) T                       | Pentachlo... | 8.705   | 9.506   | 2001.3E6 | 1467.3E6 | 29.818   | 28.313    |
| 11) T                       | 2,4,5-TP ... | 9.286   | 9.891   | 3119.8E6 | 2229.2E6 | 110.468  | 111.043m  |
| 12) T                       | 2,4,5-T      | 9.589   | 10.328  | 2937.4E6 | 2057.4E6 | 116.357m | 120.005m  |
| 13) T                       | 2,4-DB       | 10.182f | 10.178f | 46348073 | 21883870 | 14.949m  | 16.937m   |
| 14) T                       | DINOSEB      | 11.336  | 11.282  | 170.0E6  | 199.8E6  | 7.623m   | 13.144m#  |
| 15) T                       | Picloram     | 11.202f | 12.400  | 2349.2E6 | 3248.5E6 | 99.634m  | 97.575    |
| 16) T                       | DCPA         | 11.648  | 12.304  | 6815.6E6 | 6030.3E6 | 185.508  | 181.572   |
| -----                       |              |         |         |          |          |          |           |

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

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Data File : PS032096.D  
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Acq On : 20 Oct 2025 13:07  
Operator : AR\AJ  
Sample : Q3348-01MS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

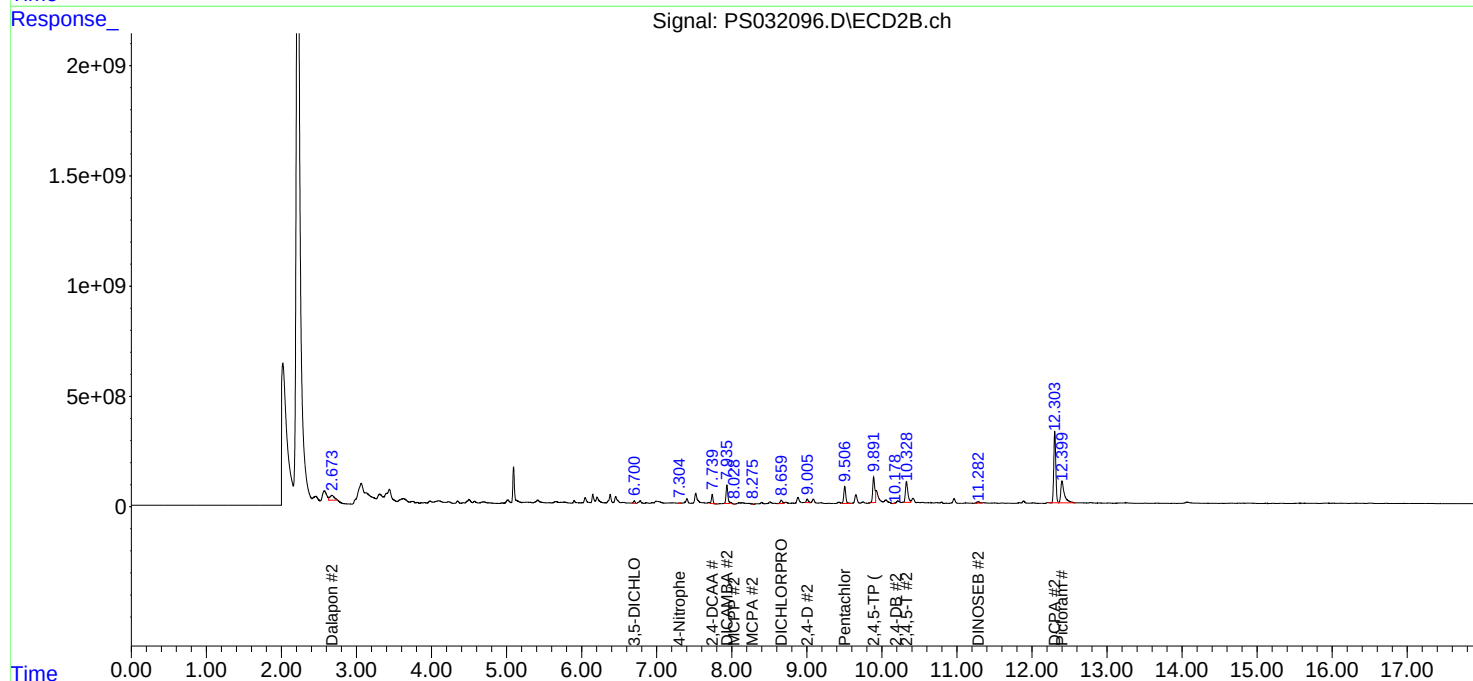
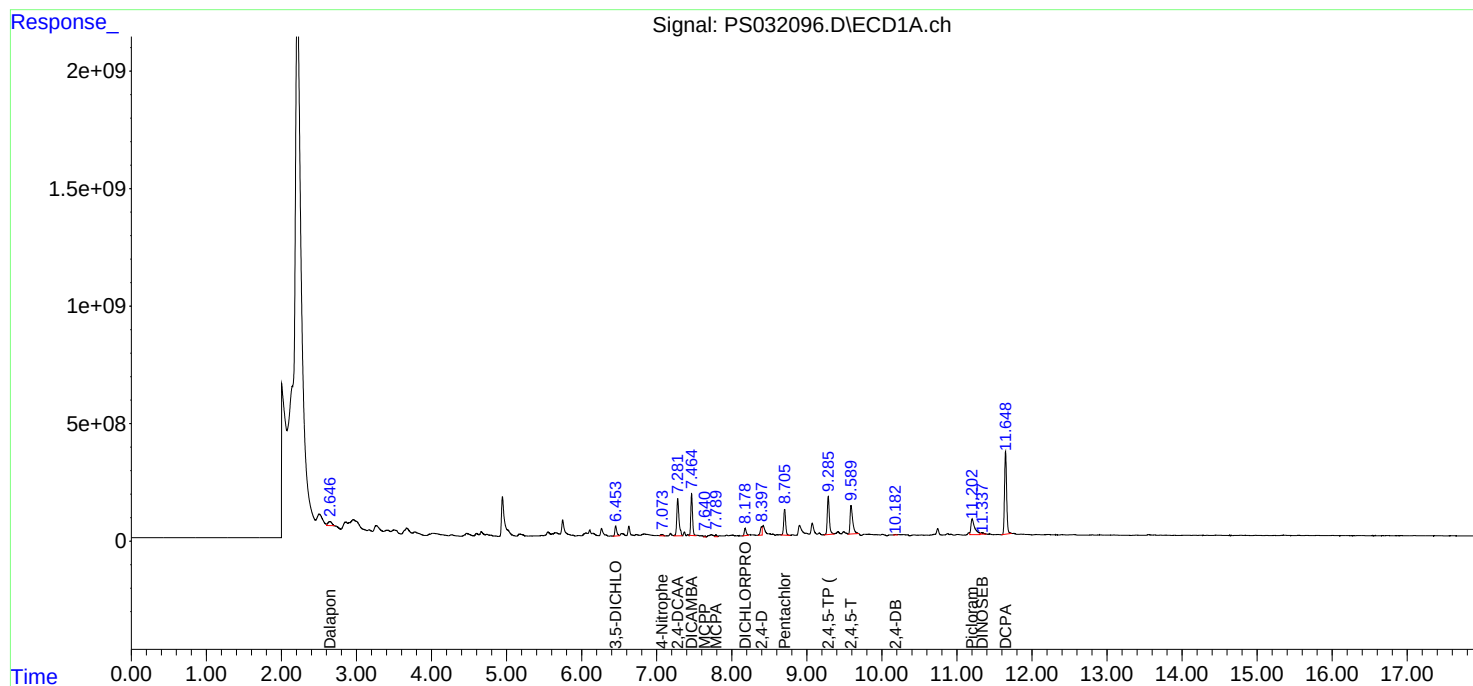
Instrument :  
ECD\_S  
ClientSampleId :  
WCS-TP1MS

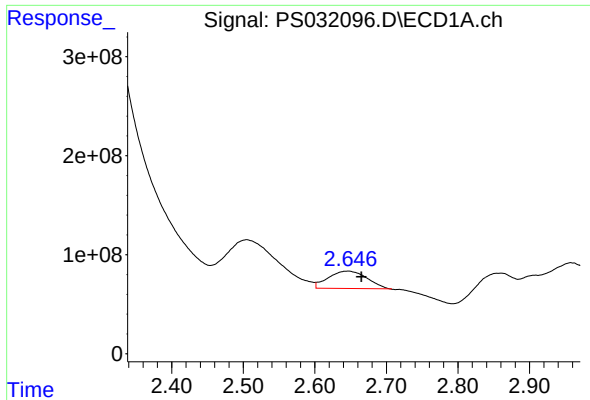
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 08:03:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS101325.M  
Quant Title : 8080.M  
QLast Update : Mon Oct 13 12:51:14 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





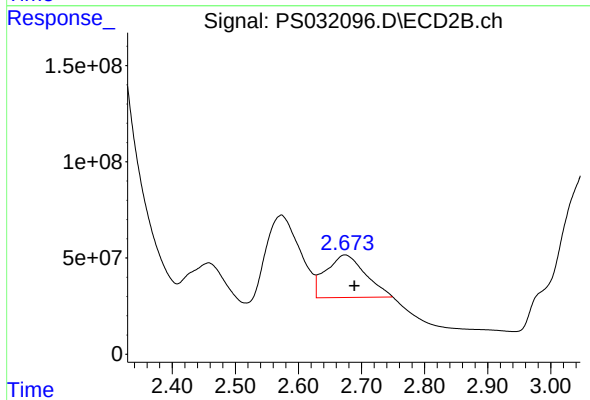
#1 Dalapon

R.T.: 2.646 min  
Delta R.T.: -0.019 min  
Response: 654502914  
Conc: 84.70 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WCS-TP1MS

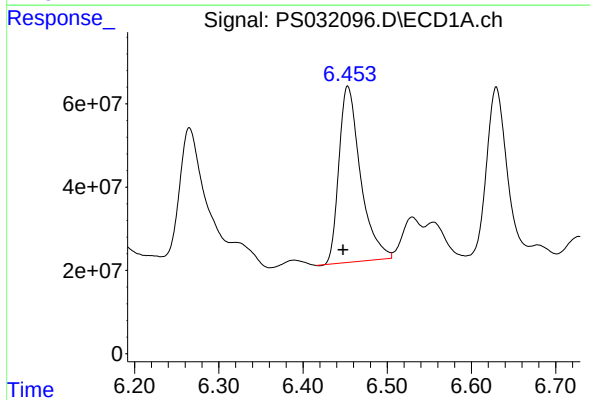
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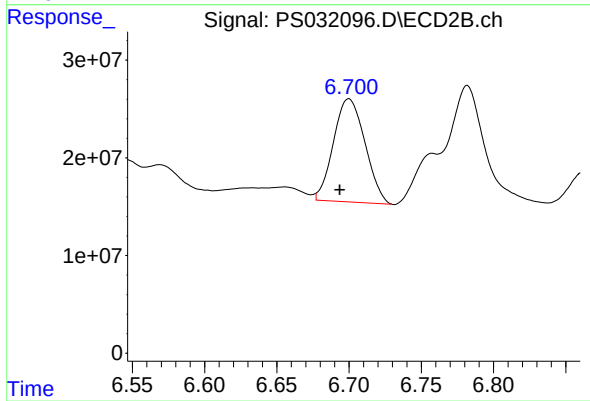
#1 Dalapon

R.T.: 2.673 min  
Delta R.T.: -0.016 min  
Response: 952769300  
Conc: 253.51 ng/ml m



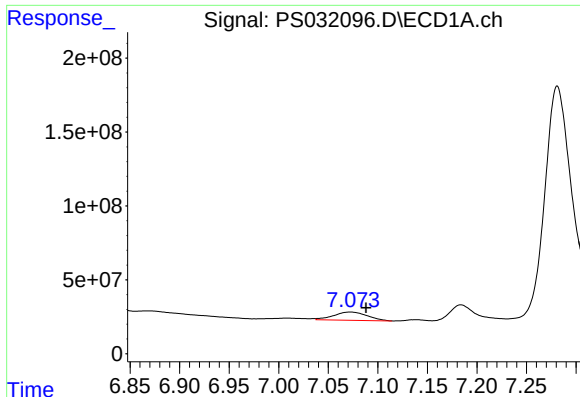
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min  
Delta R.T.: 0.006 min  
Response: 752599823  
Conc: 106.92 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min  
Delta R.T.: 0.006 min  
Response: 160402747  
Conc: 76.90 ng/ml m



#3 4-Nitrophenol

R.T.: 7.072 min  
Delta R.T.: -0.016 min  
Response: 131657311  
Conc: 98.64 ng/ml

Instrument :

ECD\_S

ClientSampleId :

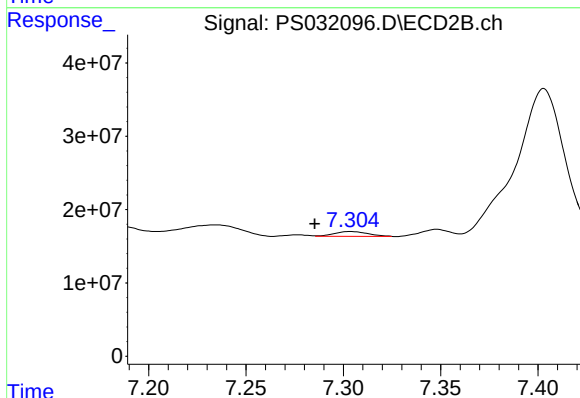
WCS-TP1MS

Manual Integrations

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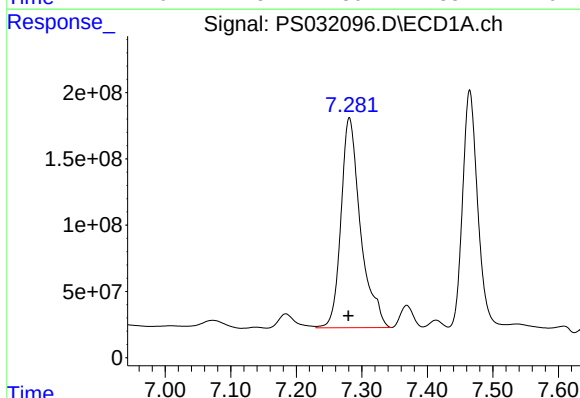
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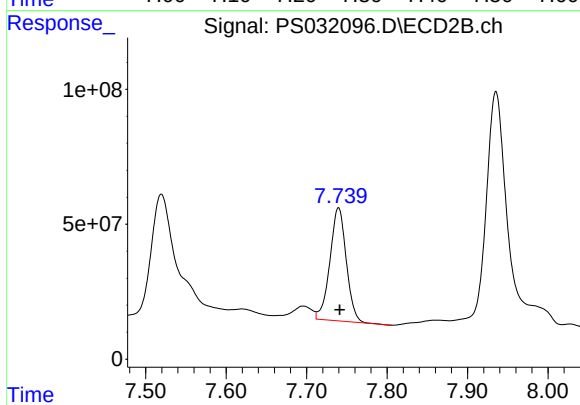
#3 4-Nitrophenol

R.T.: 7.304 min  
Delta R.T.: 0.018 min  
Response: 7803339  
Conc: 5.14 ng/ml m



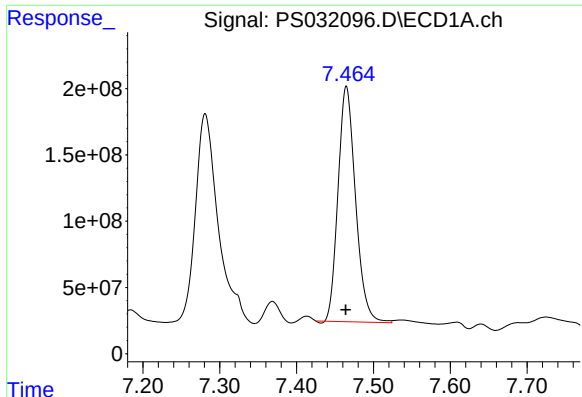
#4 2,4-DCAA

R.T.: 7.281 min  
Delta R.T.: 0.002 min  
Response: 3290646902  
Conc: 690.29 ng/ml



#4 2,4-DCAA

R.T.: 7.740 min  
Delta R.T.: -0.001 min  
Response: 593390747  
Conc: 539.28 ng/ml



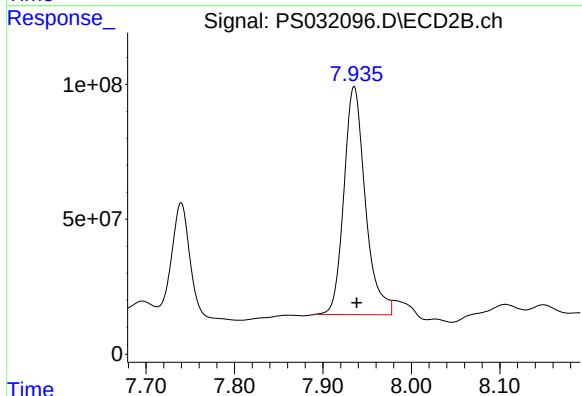
#5 DICAMBA

R.T.: 7.465 min  
Delta R.T.: 0.000 min  
Response: 2792145725  
Conc: 133.33 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WCS-TP1MS

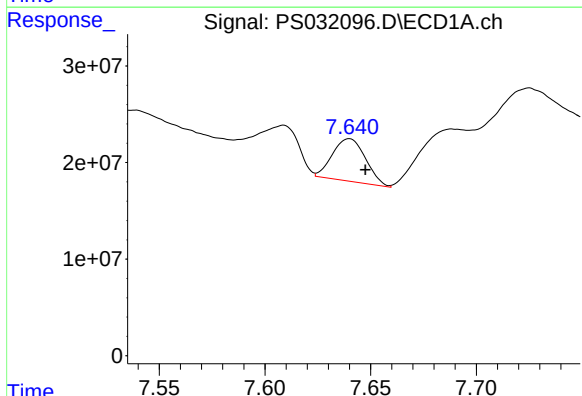
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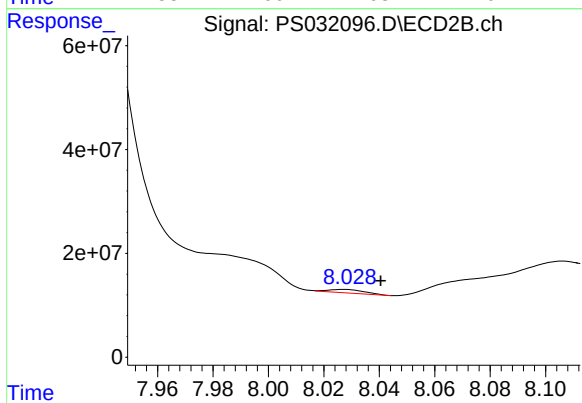
#5 DICAMBA

R.T.: 7.935 min  
Delta R.T.: -0.003 min  
Response: 1426944700  
Conc: 164.76 ng/ml m



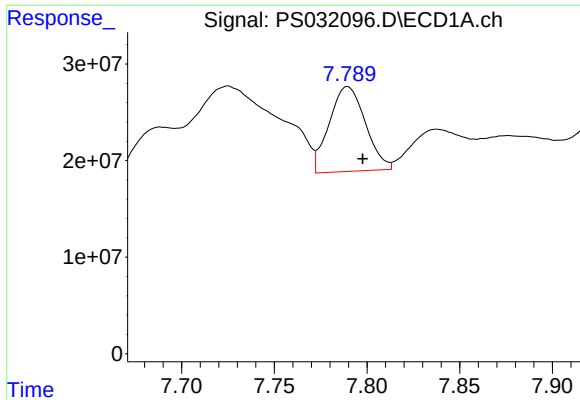
#6 MCPP

R.T.: 7.640 min  
Delta R.T.: -0.008 min  
Response: 47817309  
Conc: 3.91 ug/ml m



#6 MCPP

R.T.: 8.028 min  
Delta R.T.: -0.012 min  
Response: 5644490  
Conc: 2.27 ug/ml m



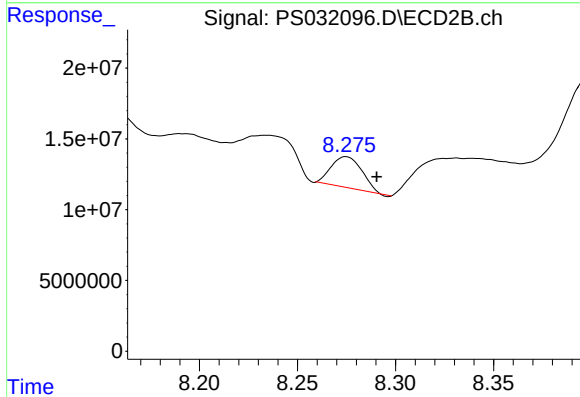
#7 MCPA

R.T.: 7.790 min  
Delta R.T.: -0.008 min  
Response: 119365822  
Conc: 8.11 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WCS-TP1MS

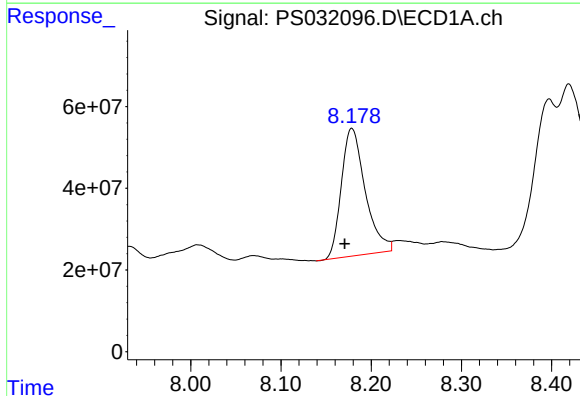
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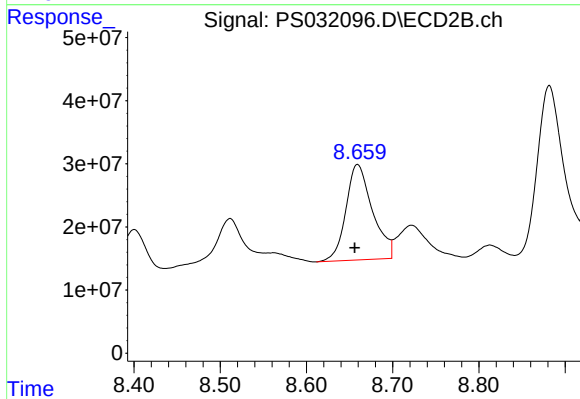
#7 MCPA

R.T.: 8.275 min  
Delta R.T.: -0.016 min  
Response: 23682926  
Conc: 6.28 ug/ml



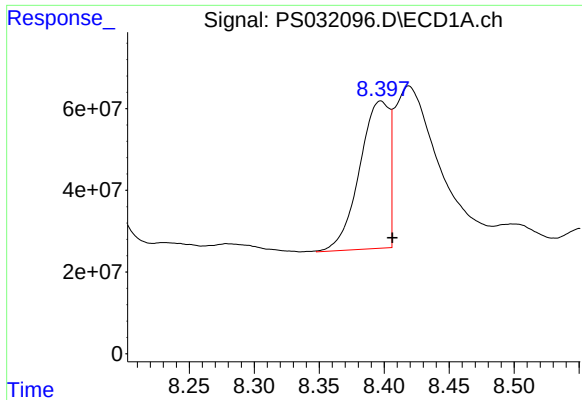
#8 DICHLORPROP

R.T.: 8.179 min  
Delta R.T.: 0.008 min  
Response: 575008766  
Conc: 120.95 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min  
Delta R.T.: 0.003 min  
Response: 324169549  
Conc: 165.54 ng/ml



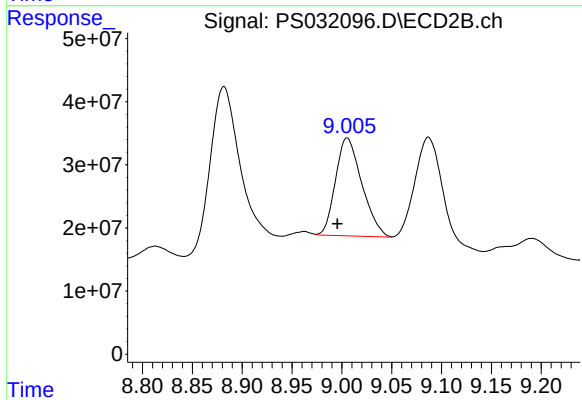
#9 2,4-D

R.T.: 8.397 min  
Delta R.T.: -0.009 min  
Response: 598235900  
Conc: 123.20 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WCS-TP1MS

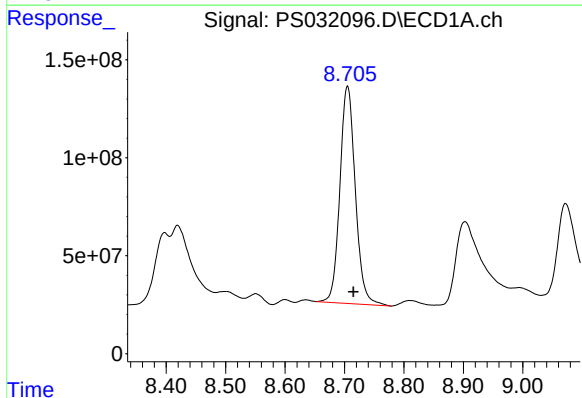
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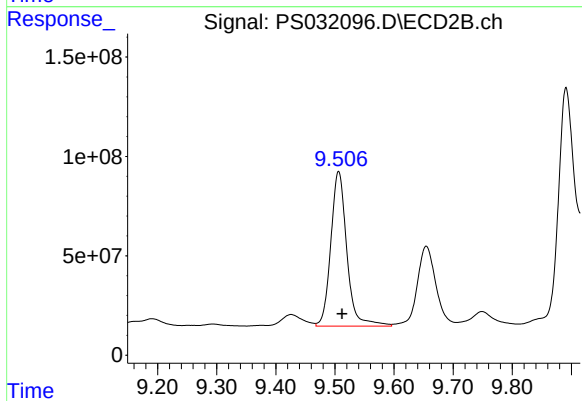
#9 2,4-D

R.T.: 9.005 min  
Delta R.T.: 0.009 min  
Response: 284650617  
Conc: 136.96 ng/ml m



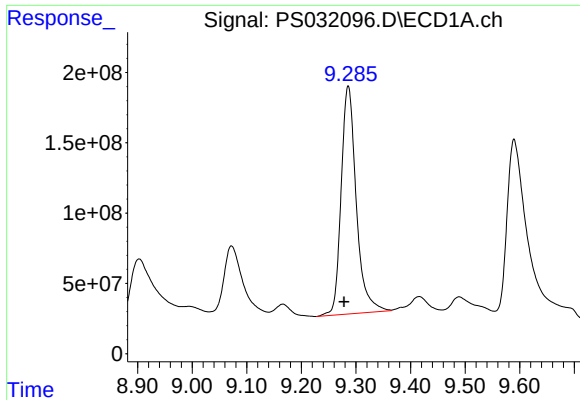
#10 Pentachlorophenol

R.T.: 8.705 min  
Delta R.T.: -0.010 min  
Response: 2001341789  
Conc: 29.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.506 min  
Delta R.T.: -0.006 min  
Response: 1467303666  
Conc: 28.31 ng/ml



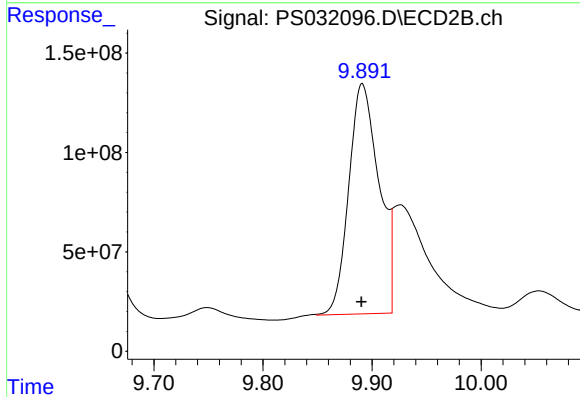
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min  
Delta R.T.: 0.008 min  
Response: 3119828141  
Conc: 110.47 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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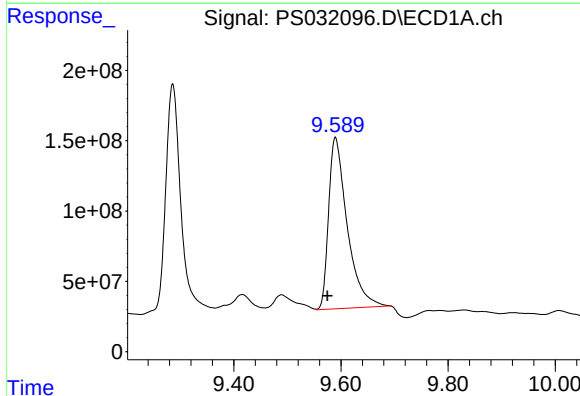
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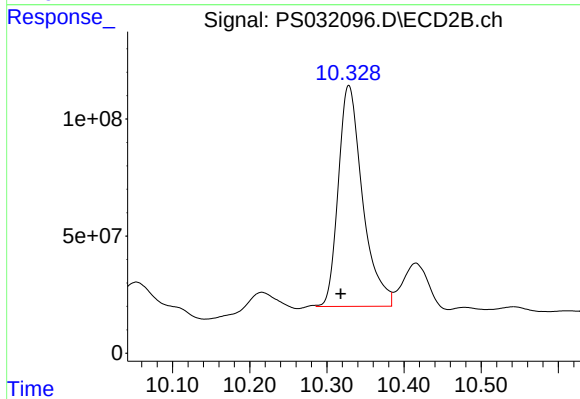
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min  
Delta R.T.: 0.000 min  
Response: 2229177524  
Conc: 111.04 ng/ml m



#12 2,4,5-T

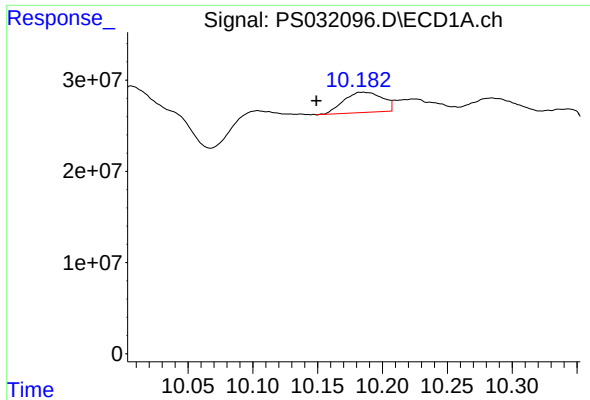
R.T.: 9.589 min  
Delta R.T.: 0.015 min  
Response: 2937350214  
Conc: 116.36 ng/ml m



#12 2,4,5-T

R.T.: 10.328 min  
Delta R.T.: 0.010 min  
Response: 2057439505  
Conc: 120.00 ng/ml m





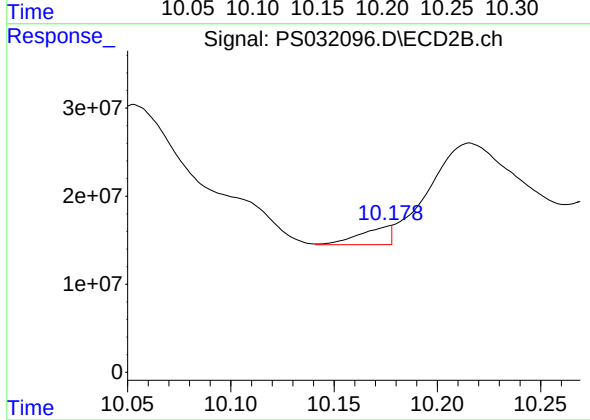
#13 2,4-DB

R.T.: 10.182 min  
Delta R.T.: 0.033 min  
Response: 46348073  
Conc: 14.95 ng/ml

Instrument :  
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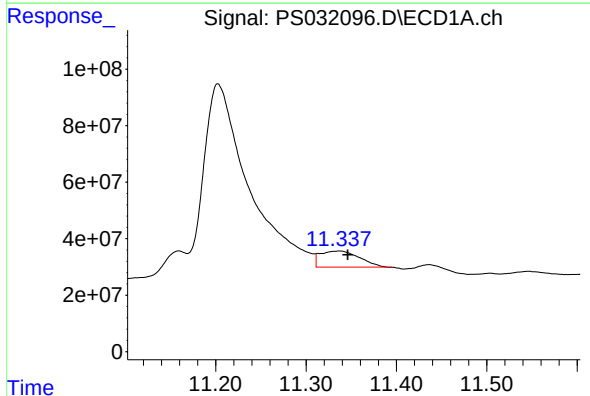
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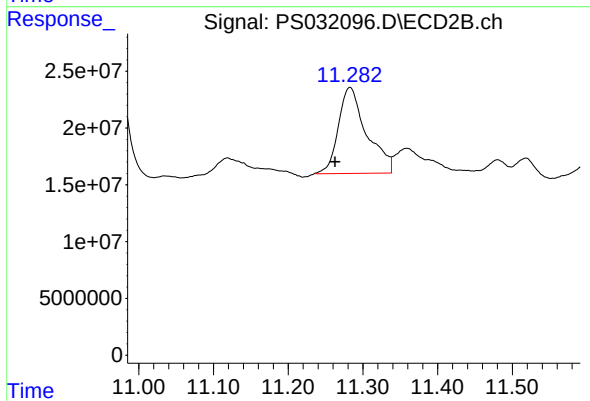
#13 2,4-DB

R.T.: 10.178 min  
Delta R.T.: -0.708 min  
Response: 21883870  
Conc: 16.94 ng/ml m



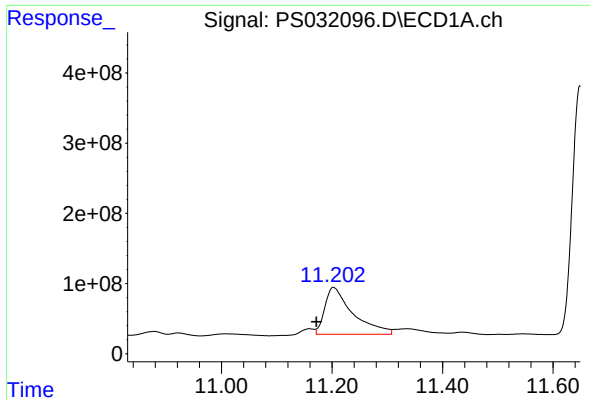
#14 DINOSEB

R.T.: 11.336 min  
Delta R.T.: -0.009 min  
Response: 170009637  
Conc: 7.62 ng/ml m



#14 DINOSEB

R.T.: 11.282 min  
Delta R.T.: 0.020 min  
Response: 199831510  
Conc: 13.14 ng/ml m



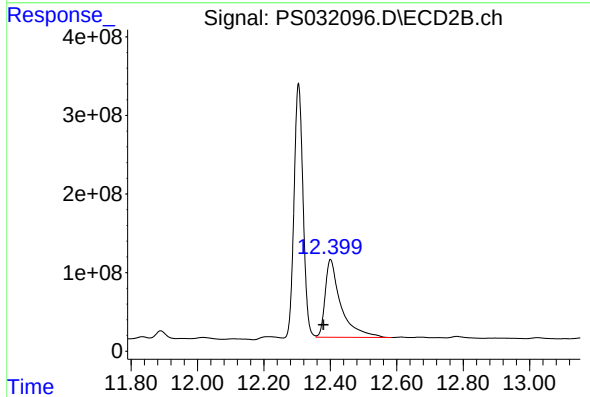
#15 Picloram

R.T.: 11.202 min  
Delta R.T.: 0.030 min  
Response: 2349165923  
Conc: 99.63 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WCS-TP1MS

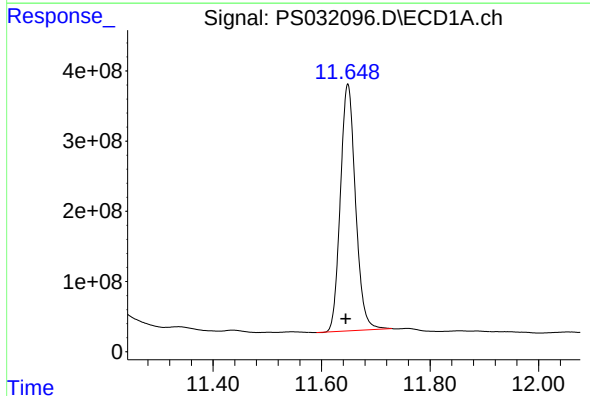
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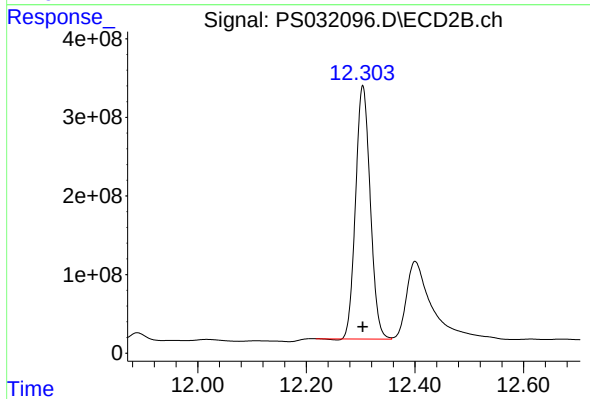
#15 Picloram

R.T.: 12.400 min  
Delta R.T.: 0.021 min  
Response: 3248484061  
Conc: 97.58 ng/ml



#16 DCPA

R.T.: 11.648 min  
Delta R.T.: 0.004 min  
Response: 6815611210  
Conc: 185.51 ng/ml



#16 DCPA

R.T.: 12.304 min  
Delta R.T.: 0.000 min  
Response: 6030302723  
Conc: 181.57 ng/ml