

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061225\  
 Data File : PS030643.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jun 2025 17:12  
 Operator : AR\AJ  
 Sample : Q2262-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 ARS20-0032MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/13/2025  
 Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 05:33:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS060425.M  
 Quant Title : 8080.M  
 QLast Update : Wed Jun 04 13:21:22 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               | 7.356  | 7.768  | 1842.2E6  | 567.6E6   | 487.983  | 527.689    |
| Target Compounds            |        |        |           |           |          |            |
| 1) T Dalapon                | 2.710  | 2.708  | 887.1E6   | 3012.9E6  | 157.101m | 1099.596 # |
| 2) T 3,5-DICHL...           | 6.516  | 6.713  | 2700.8E6  | 636.2E6   | 497.726  | 406.722    |
| 5) T DICAMBA                | 7.547  | 7.971  | 6099.8E6  | 2581.5E6  | 395.509  | 400.758m   |
| 6) T MCPP                   | 7.727  | 8.069  | 395.5E6   | 78917265  | 39.934m  | 34.140     |
| 7) T MCPA                   | 7.877  | 8.317  | 475.2E6   | 117.1E6   | 37.446   | 37.959m    |
| 8) T DICHLORPROP            | 8.263  | 8.690  | 1616.0E6  | 624.6E6   | 444.193  | 420.854    |
| 9) T 2,4-D                  | 8.495  | 9.026  | 1721.7E6  | 762.1E6   | 472.520  | 484.701    |
| 10) T Pentachlo...          | 8.803  | 9.553  | 17788.7E6 | 11756.1E6 | 350.266m | 325.311    |
| 11) T 2,4,5-TP ...          | 9.385  | 9.933  | 9526.6E6  | 6284.4E6  | 461.000  | 458.158m   |
| 12) T 2,4,5-T               | 9.679  | 10.359 | 7573.5E6  | 5705.9E6  | 410.911  | 436.994    |
| 13) T 2,4-DB                | 10.259 | 10.926 | 997.9E6   | 458.7E6   | 328.637  | 399.066m   |
| 14) T DINOSEB               | 11.479 | 11.312 | 3412.1E6  | 2338.5E6  | 237.367  | 232.683    |
| 15) T Picloram              | 11.285 | 12.420 | 6248.0E6  | 7580.8E6  | 312.324m | 343.275    |
| 16) T DCPA                  | 11.774 | 12.357 | 10589.9E6 | 8512.9E6  | 400.526  | 416.014m   |
| -----                       |        |        |           |           |          |            |

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

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Data File : PS030643.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jun 2025 17:12  
Operator : AR\AJ  
Sample : Q2262-02MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

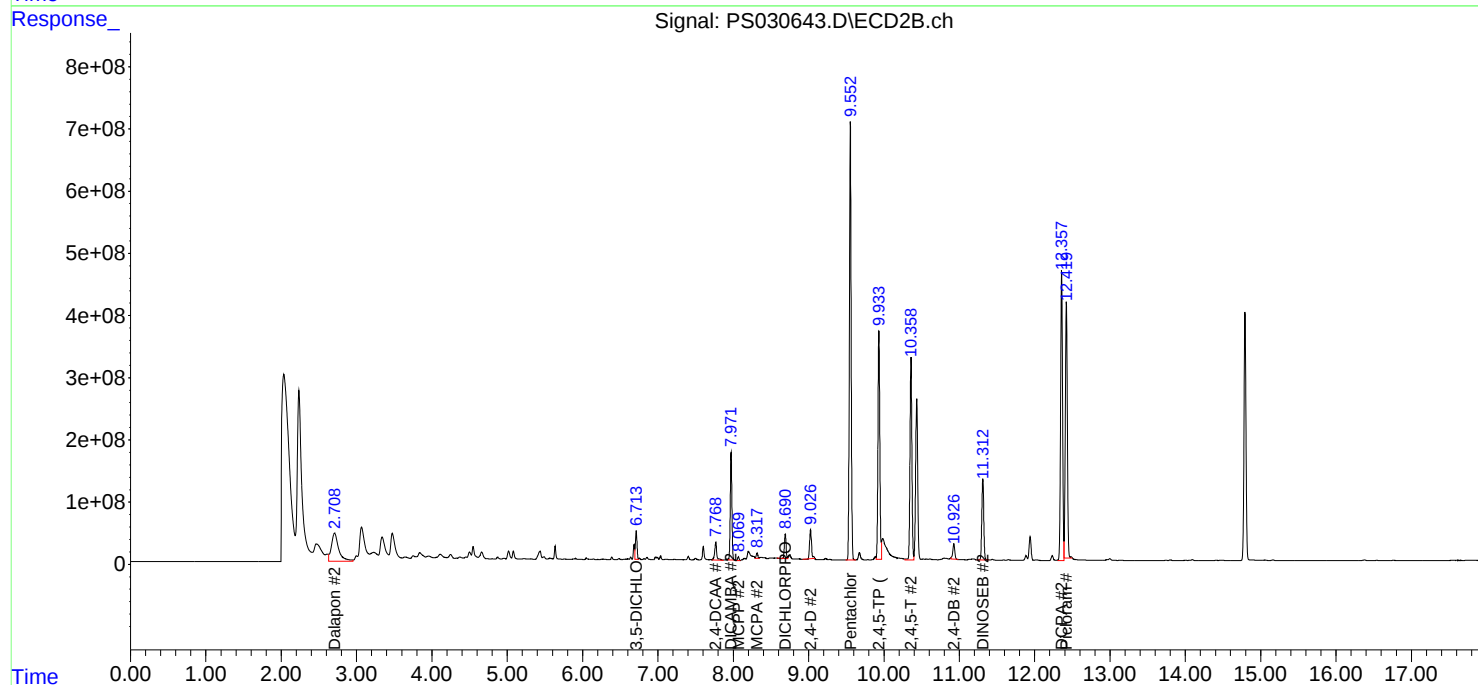
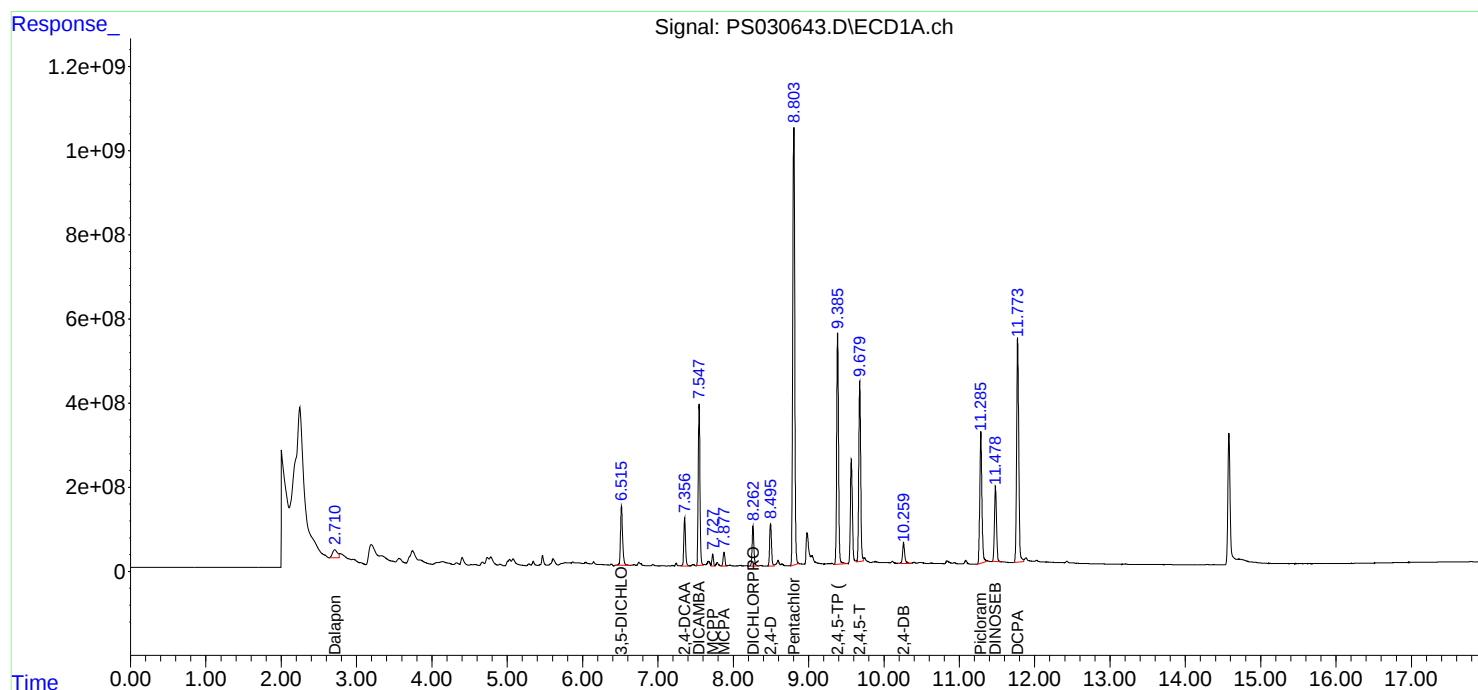
Instrument :  
ECD\_S  
ClientSampleId :  
ARS20-0032MS

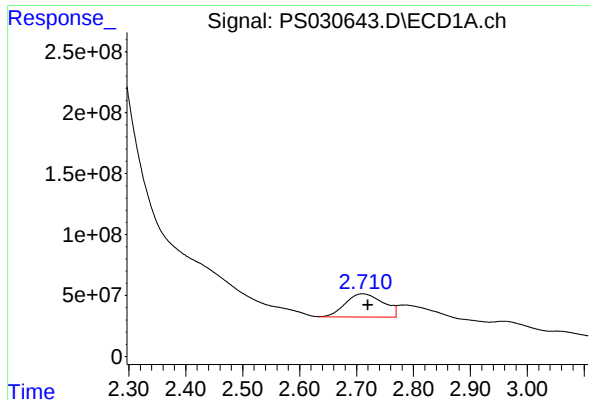
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 05:33:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS060425.M  
Quant Title : 8080.M  
QLast Update : Wed Jun 04 13:21:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





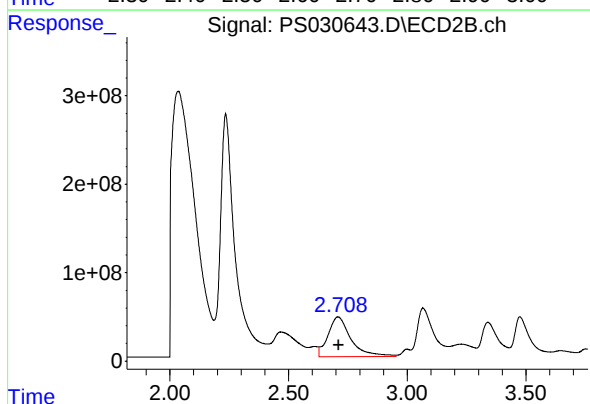
#1 Dalapon

R.T.: 2.710 min  
Delta R.T.: -0.010 min  
Response: 887144346  
Conc: 157.10 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ARS20-0032MS

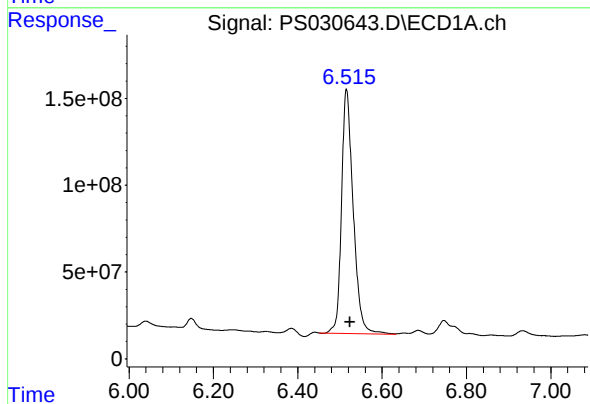
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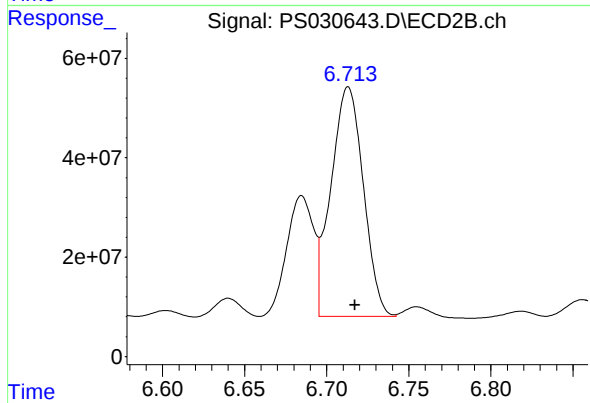
#1 Dalapon

R.T.: 2.708 min  
Delta R.T.: -0.002 min  
Response: 3012910096  
Conc: 1099.60 ng/ml



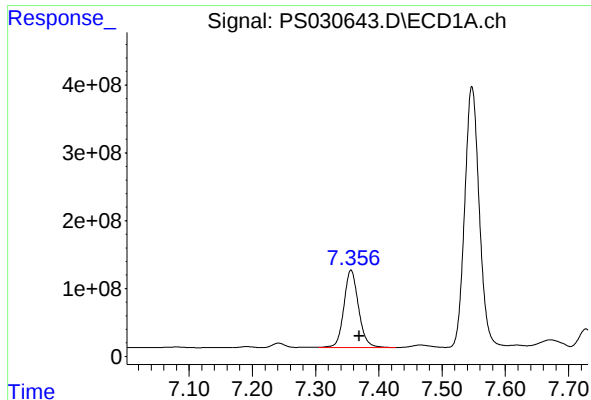
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.516 min  
Delta R.T.: -0.009 min  
Response: 2700836548  
Conc: 497.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min  
Delta R.T.: -0.004 min  
Response: 636213876  
Conc: 406.72 ng/ml



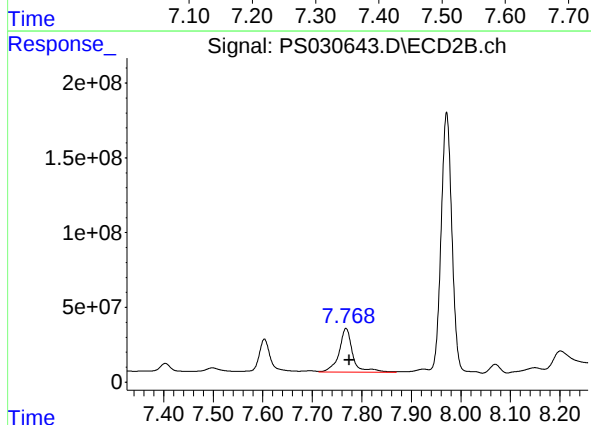
#4 2,4-DCAA

R.T.: 7.356 min  
Delta R.T.: -0.013 min  
Response: 1842207175  
Conc: 487.98 ng/ml

Instrument :  
ECD\_S  
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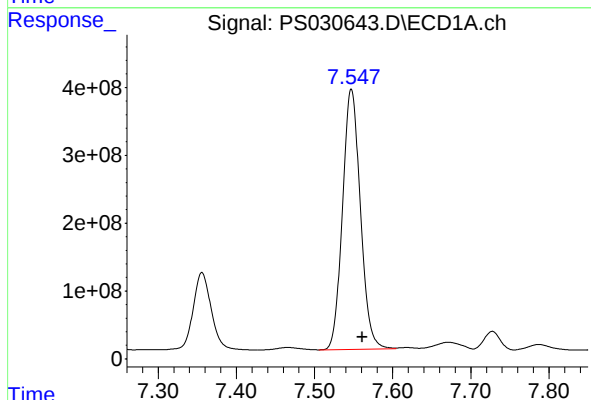
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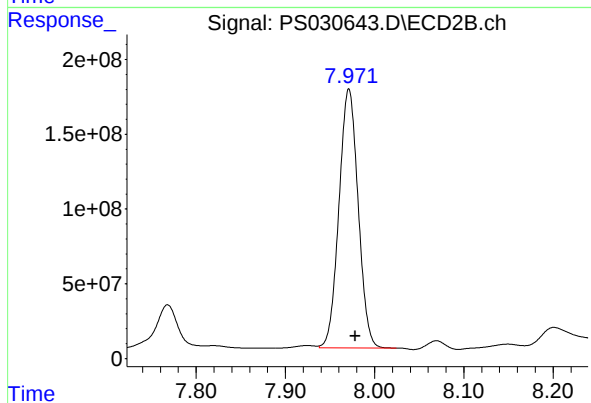
#4 2,4-DCAA

R.T.: 7.768 min  
Delta R.T.: -0.006 min  
Response: 567587395  
Conc: 527.69 ng/ml



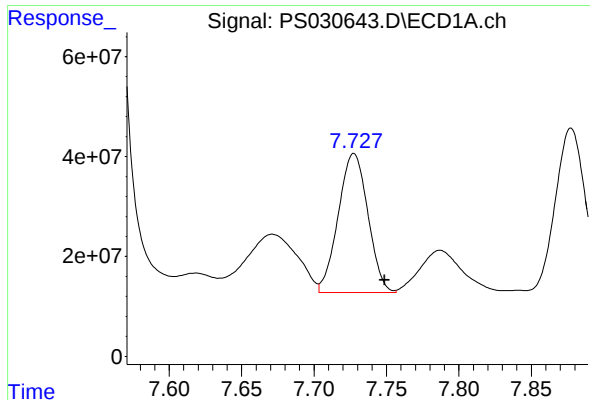
#5 DICAMBA

R.T.: 7.547 min  
Delta R.T.: -0.014 min  
Response: 6099756929  
Conc: 395.51 ng/ml



#5 DICAMBA

R.T.: 7.971 min  
Delta R.T.: -0.008 min  
Response: 2581541545  
Conc: 400.76 ng/ml m



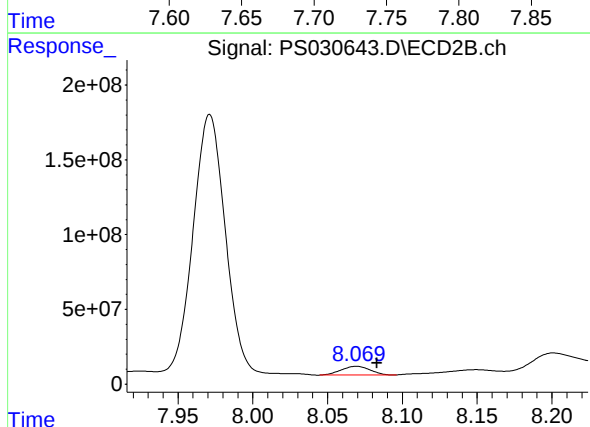
#6 MCPP

R.T.: 7.727 min  
Delta R.T.: -0.022 min  
Response: 395544083  
Conc: 39.93 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ARS20-0032MS

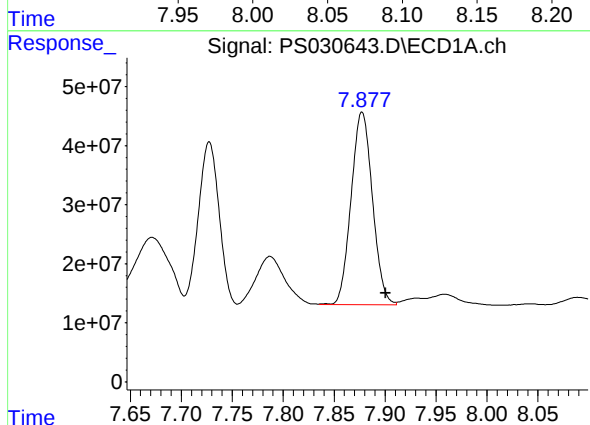
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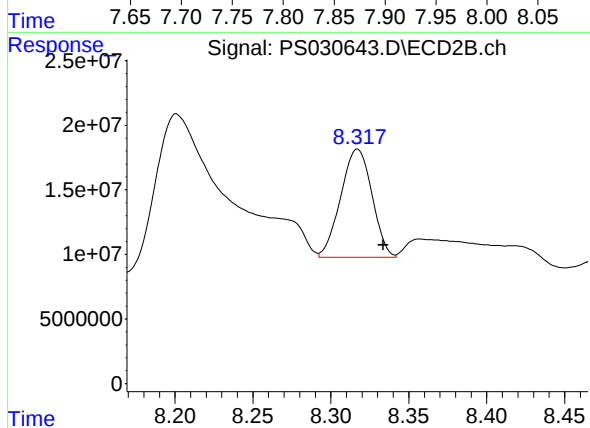
#6 MCPP

R.T.: 8.069 min  
Delta R.T.: -0.014 min  
Response: 78917265  
Conc: 34.14 ug/ml



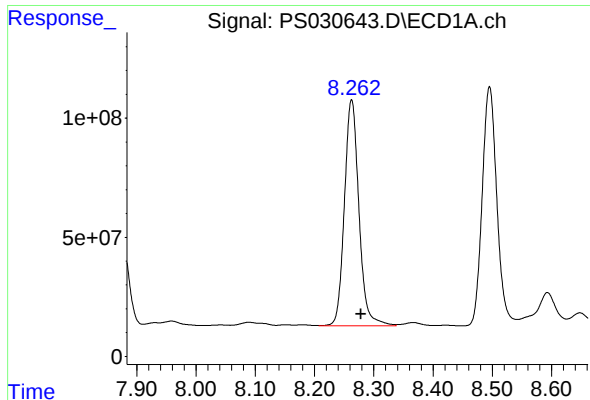
#7 MCPA

R.T.: 7.877 min  
Delta R.T.: -0.023 min  
Response: 475161050  
Conc: 37.45 ug/ml



#7 MCPA

R.T.: 8.317 min  
Delta R.T.: -0.017 min  
Response: 117138863  
Conc: 37.96 ug/ml m



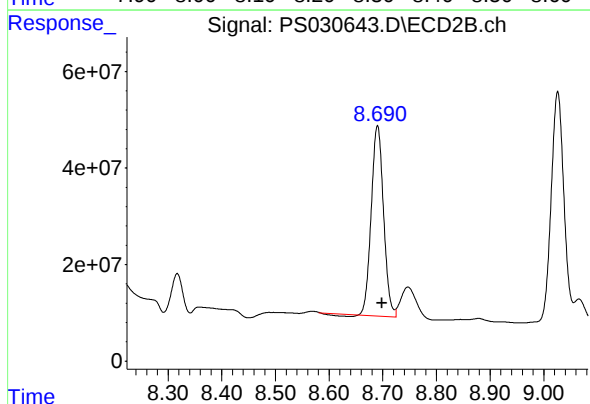
#8 DICHLORPROP

R.T.: 8.263 min  
Delta R.T.: -0.016 min  
Response: 1616038690  
Conc: 444.19 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ARS20-0032MS

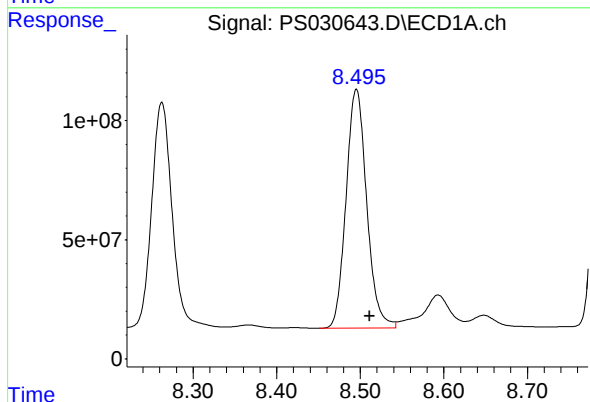
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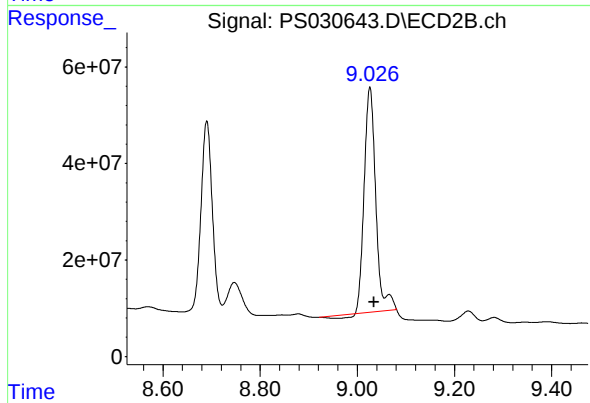
#8 DICHLORPROP

R.T.: 8.690 min  
Delta R.T.: -0.009 min  
Response: 624633468  
Conc: 420.85 ng/ml



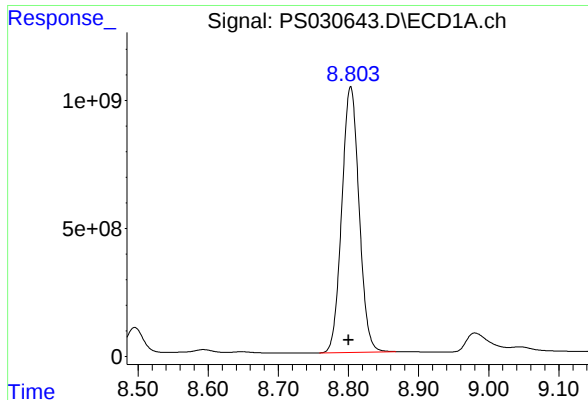
#9 2,4-D

R.T.: 8.495 min  
Delta R.T.: -0.016 min  
Response: 1721679227  
Conc: 472.52 ng/ml



#9 2,4-D

R.T.: 9.026 min  
Delta R.T.: -0.009 min  
Response: 762105897  
Conc: 484.70 ng/ml



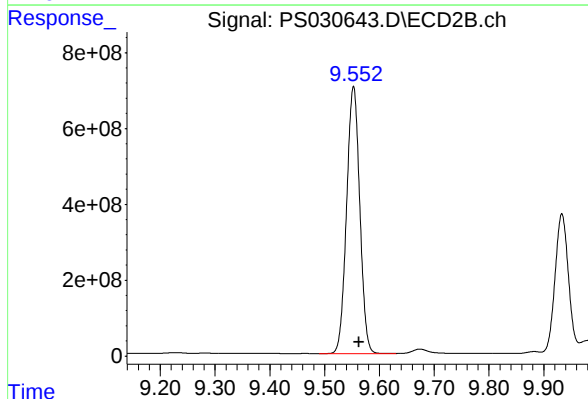
#10 Pentachlorophenol

R.T.: 8.803 min  
Delta R.T.: 0.003 min  
Response: 17788670788  
Conc: 350.27 ng/ml

Instrument :  
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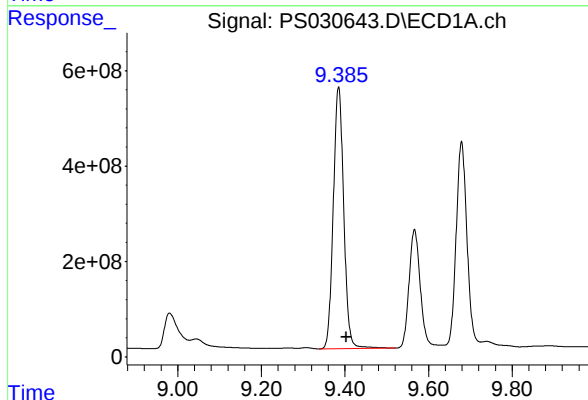
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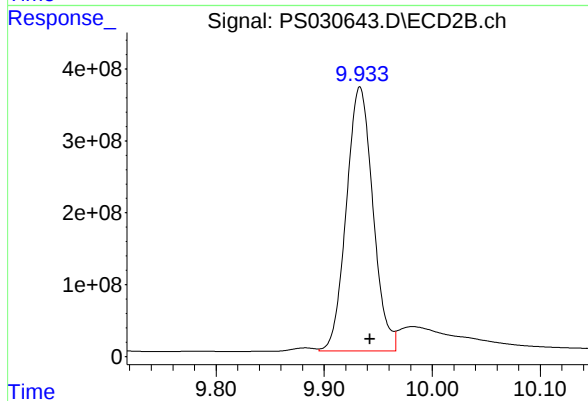
#10 Pentachlorophenol

R.T.: 9.553 min  
Delta R.T.: -0.010 min  
Response: 11756088401  
Conc: 325.31 ng/ml



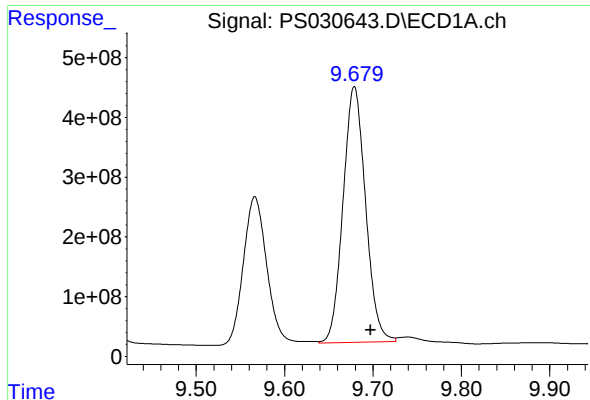
#11 2,4,5-TP (SILVEX)

R.T.: 9.385 min  
Delta R.T.: -0.018 min  
Response: 9526595947  
Conc: 461.00 ng/ml



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

R.T.: 9.933 min  
Delta R.T.: -0.010 min  
Response: 6284439565  
Conc: 458.16 ng/ml m



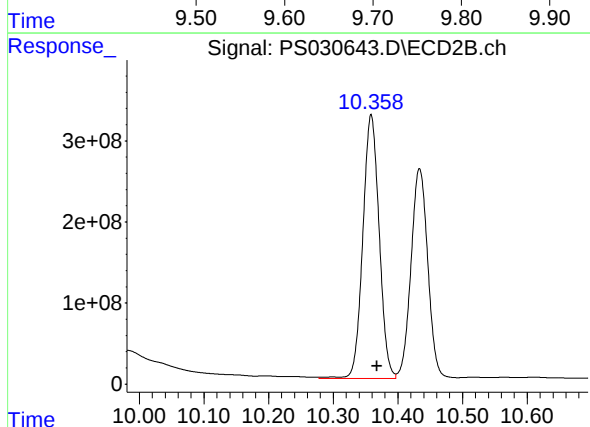
#12 2,4,5-T

R.T.: 9.679 min  
Delta R.T.: -0.018 min  
Response: 7573528687  
Conc: 410.91 ng/ml

Instrument :  
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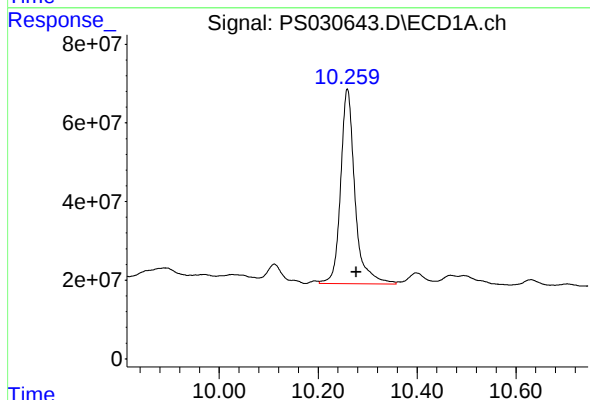
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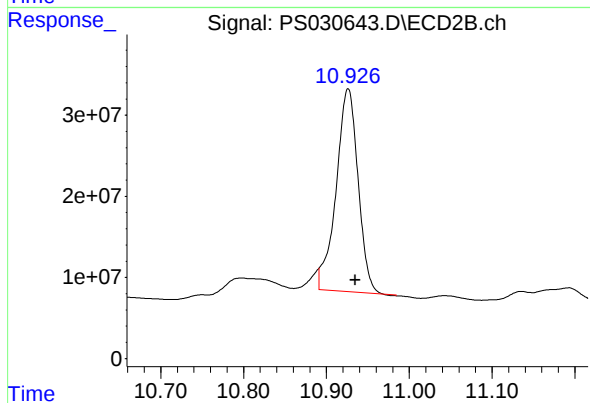
#12 2,4,5-T

R.T.: 10.359 min  
Delta R.T.: -0.009 min  
Response: 5705891444  
Conc: 436.99 ng/ml



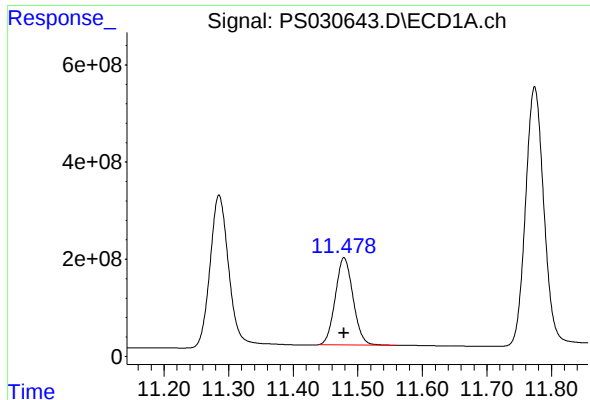
#13 2,4-DB

R.T.: 10.259 min  
Delta R.T.: -0.018 min  
Response: 997861431  
Conc: 328.64 ng/ml



#13 2,4-DB

R.T.: 10.926 min  
Delta R.T.: -0.009 min  
Response: 458747079  
Conc: 399.07 ng/ml m



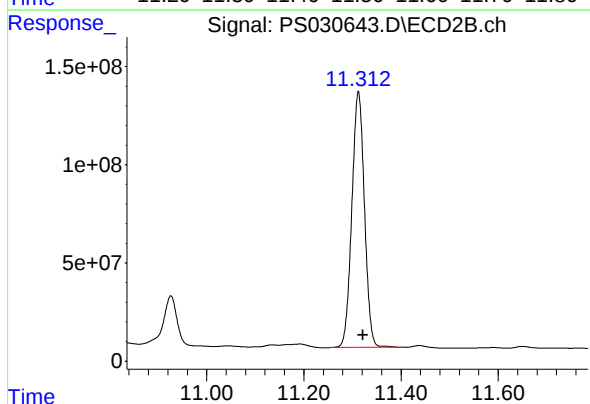
#14 DINOSEB

R.T.: 11.479 min  
Delta R.T.: 0.000 min  
Response: 3412141685  
Conc: 237.37 ng/ml

Instrument :  
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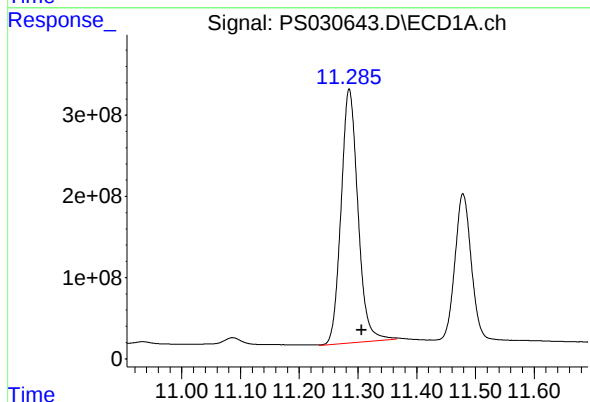
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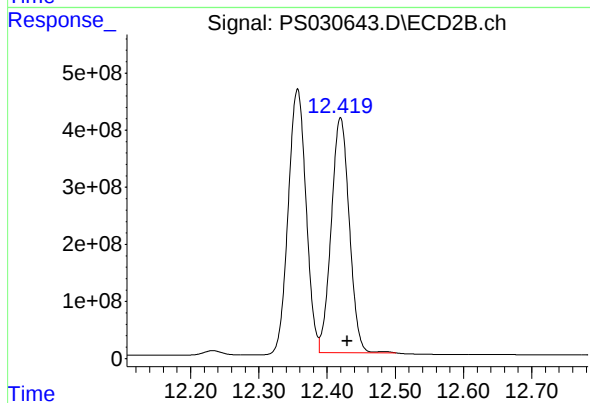
#14 DINOSEB

R.T.: 11.312 min  
Delta R.T.: -0.010 min  
Response: 2338487268  
Conc: 232.68 ng/ml



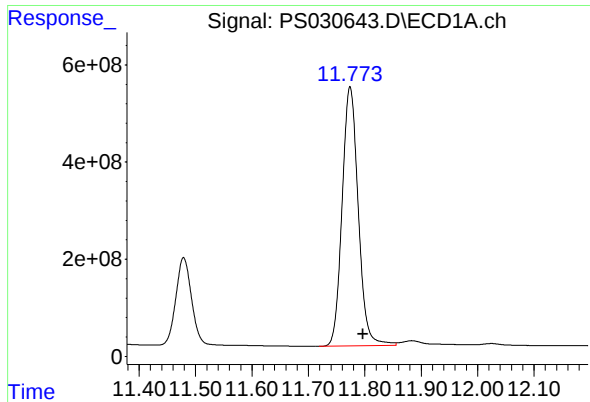
#15 Picloram

R.T.: 11.285 min  
Delta R.T.: -0.022 min  
Response: 6247971435  
Conc: 312.32 ng/ml m



#15 Picloram

R.T.: 12.420 min  
Delta R.T.: -0.010 min  
Response: 7580833004  
Conc: 343.27 ng/ml



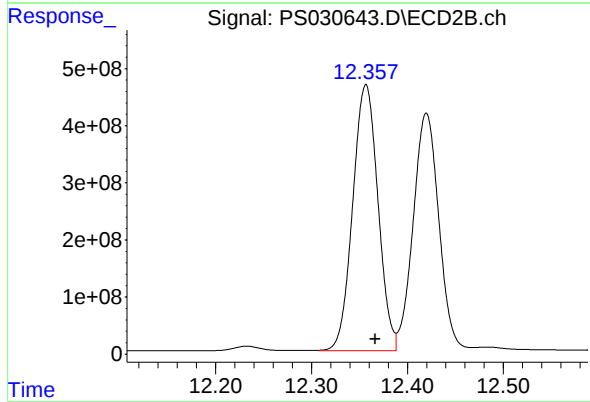
#16 DCPA

R.T.: 11.774 min  
Delta R.T.: -0.023 min  
Response: 10589948176  
Conc: 400.53 ng/ml

Instrument :  
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ClientSampleId :  
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#16 DCPA

R.T.: 12.357 min  
Delta R.T.: -0.010 min  
Response: 8512874464  
Conc: 416.01 ng/ml m