

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS052225\  
 Data File : PS030337.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2025 09:31  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/23/2025  
 Supervised By : mohammad ahmed 05/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 22 12:17:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
 Quant Title : 8080.M  
 QLast Update : Mon May 12 14:29:24 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 x 0.5 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     | 6.929  | 7.447  | 2174.1E6  | 591.0E6   | 763.422 | 738.532  |
| Target Compounds            |              |        |        |           |           |         |          |
| 1) T                        | Dalapon      | 2.445  | 2.517  | 3389.7E6  | 1377.0E6  | 689.618 | 677.951  |
| 2) T                        | 3,5-DICHL... | 6.135  | 6.447  | 2943.2E6  | 763.8E6   | 705.702 | 655.185  |
| 3) T                        | 4-Nitroph... | 6.720  | 6.982  | 1450.9E6  | 634.7E6   | 702.418 | 607.927  |
| 5) T                        | DICAMBA      | 7.105  | 7.632  | 8443.5E6  | 3390.2E6  | 730.571 | 717.060  |
| 6) T                        | MCPPE        | 7.285  | 7.740  | 577.9E6   | 133.5E6   | 79.355  | 72.567   |
| 7) T                        | MCPA         | 7.427  | 7.969  | 762.0E6   | 179.4E6   | 73.401  | 68.017   |
| 8) T                        | DICHLORPROP  | 7.785  | 8.323  | 2102.0E6  | 815.9E6   | 719.525 | 690.565  |
| 9) T                        | 2,4-D        | 8.005  | 8.635  | 2359.6E6  | 918.8E6   | 719.625 | 711.967  |
| 10) T                       | Pentachlo... | 8.282  | 9.135  | 30019.2E6 | 18032.5E6 | 741.202 | 730.504  |
| 11) T                       | 2,4,5-TP ... | 8.845  | 9.512  | 11905.0E6 | 7169.7E6  | 735.059 | 727.857  |
| 12) T                       | 2,4,5-T      | 9.127  | 9.916  | 12279.3E6 | 6614.8E6  | 743.513 | 718.716  |
| 13) T                       | 2,4-DB       | 9.685  | 10.474 | 2030.3E6  | 630.0E6   | 777.979 | 634.869  |
| 14) T                       | DINOSEB      | 10.845 | 10.847 | 8279.0E6  | 4830.3E6  | 723.923 | 707.019  |
| 15) T                       | Picloram     | 10.666 | 11.883 | 15888.5E6 | 9811.5E6  | 742.905 | 697.183m |
| 16) T                       | DCPA         | 11.147 | 11.881 | 14786.7E6 | 10146.3E6 | 742.620 | 750.992m |
| -----                       |              |        |        |           |           |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS052225\  
Data File : PS030337.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 May 2025 09:31  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

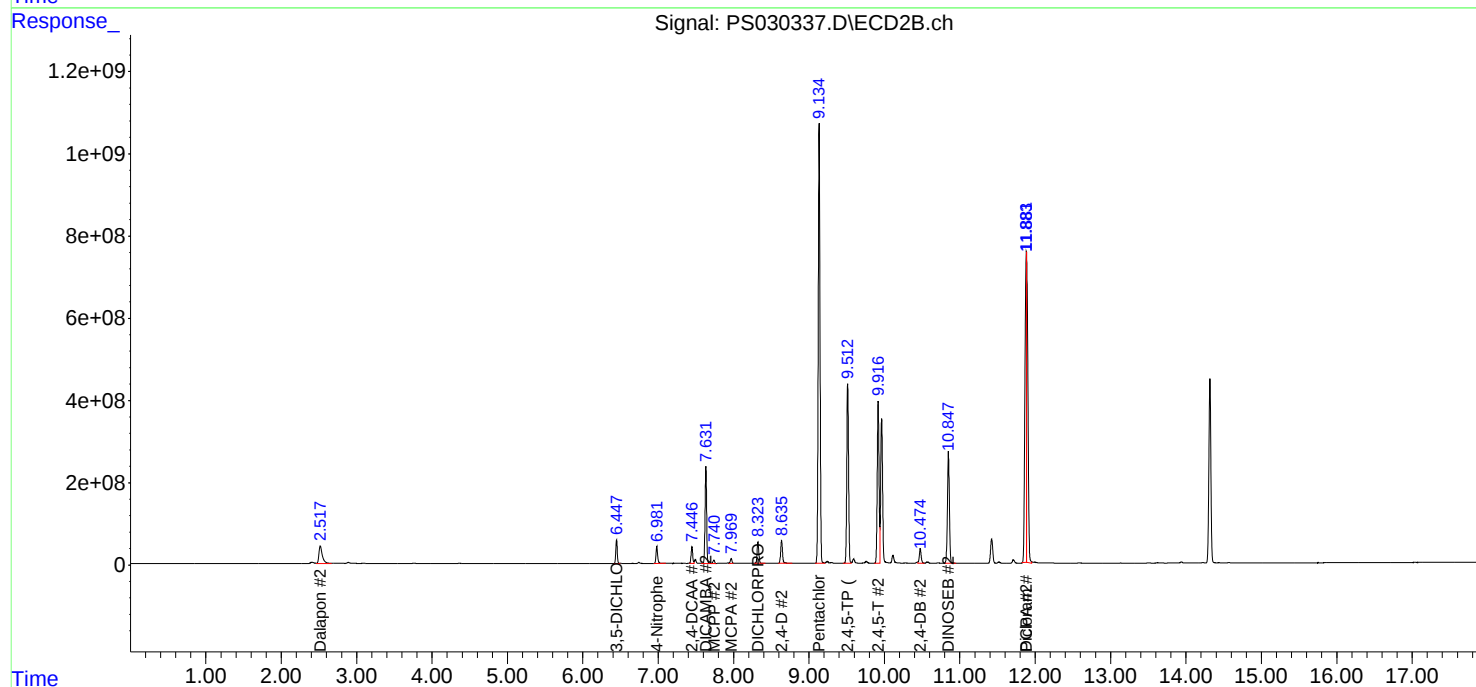
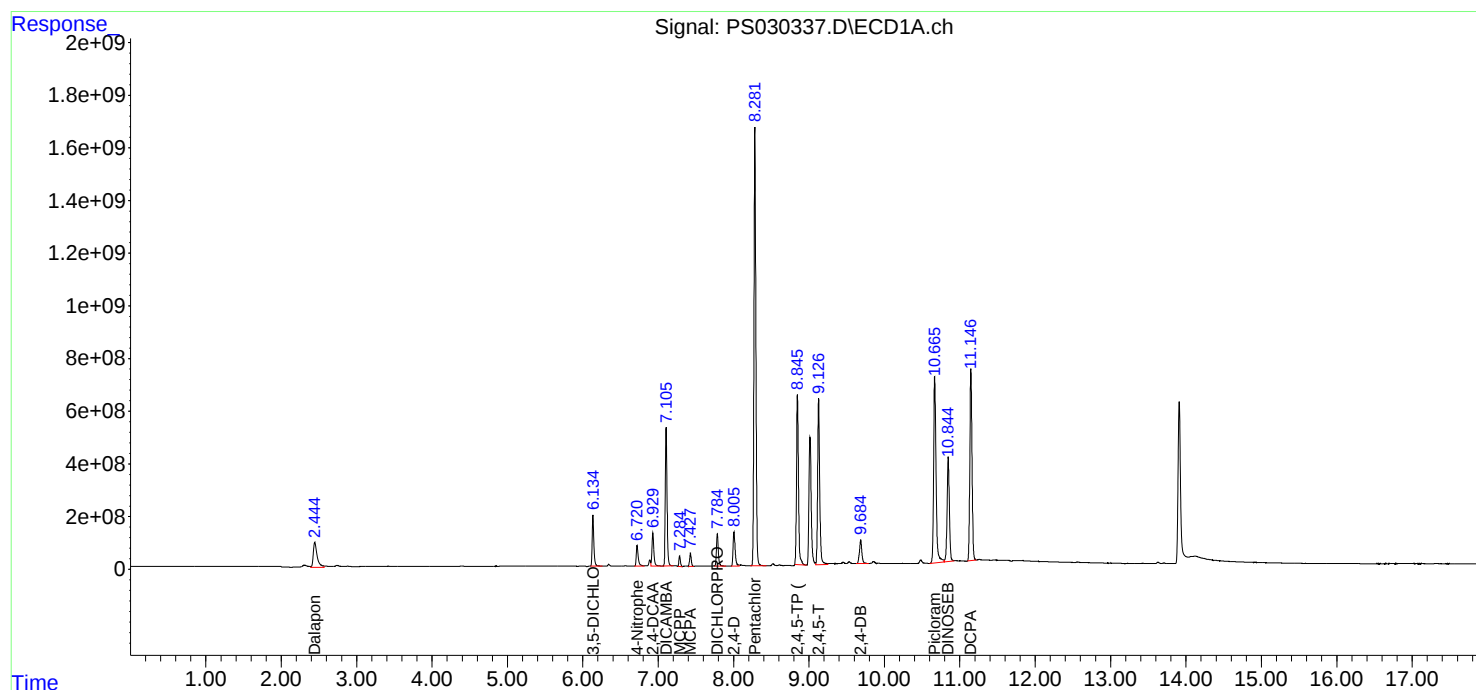
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

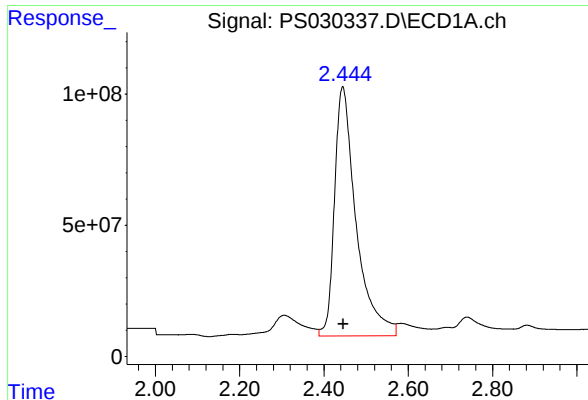
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 22 12:17:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
Quant Title : 8080.M  
QLast Update : Mon May 12 14:29:24 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





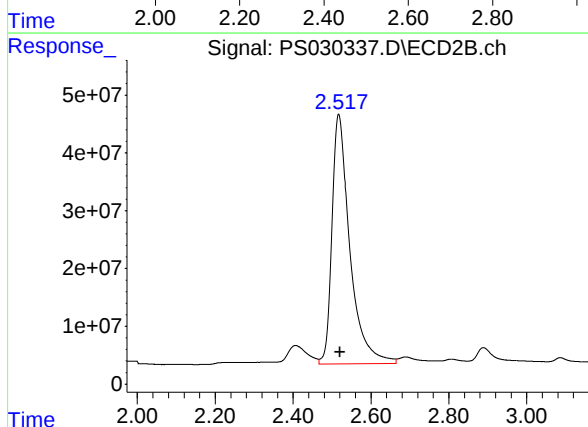
#1 Dalapon

R.T.: 2.445 min  
Delta R.T.: -0.001 min  
Response: 3389722918  
Conc: 689.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

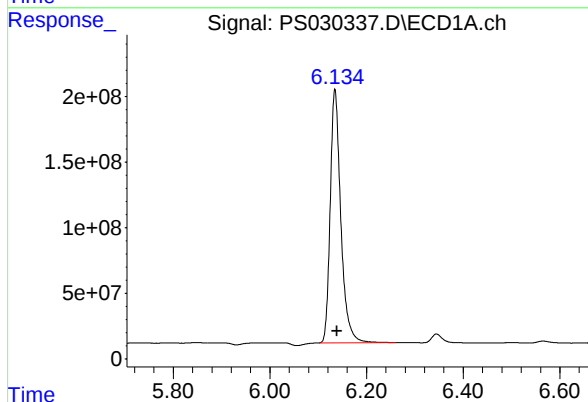
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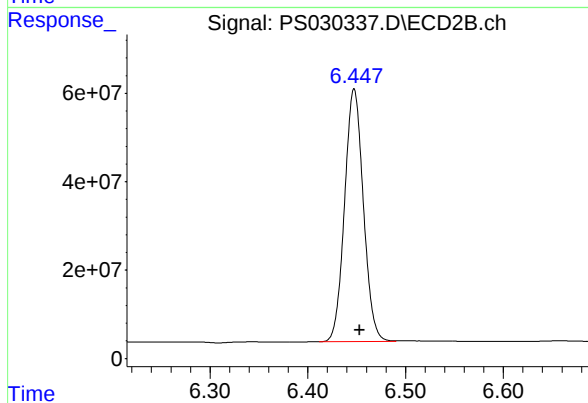
#1 Dalapon

R.T.: 2.517 min  
Delta R.T.: -0.003 min  
Response: 1376952223  
Conc: 677.95 ng/ml



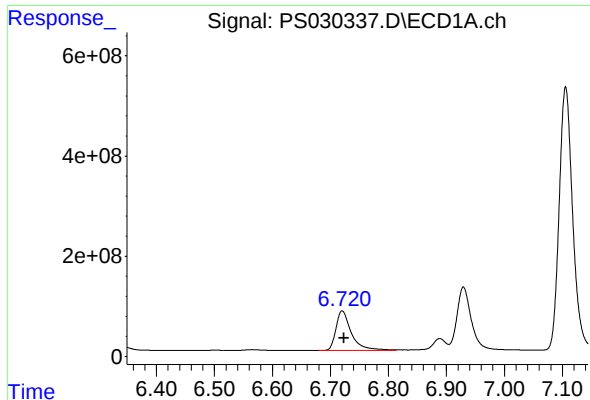
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.135 min  
Delta R.T.: -0.004 min  
Response: 2943165975  
Conc: 705.70 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.447 min  
Delta R.T.: -0.006 min  
Response: 763834649  
Conc: 655.19 ng/ml



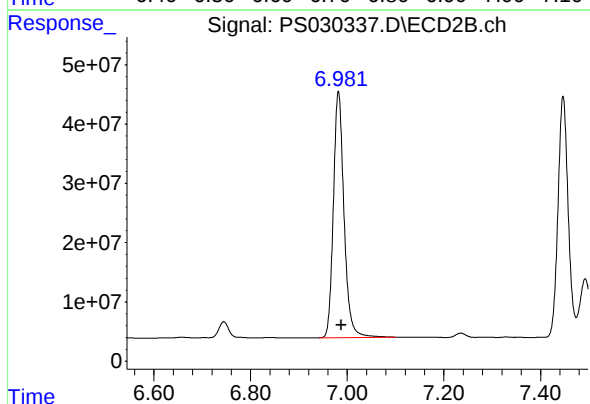
#3 4-Nitrophenol

R.T.: 6.720 min  
Delta R.T.: -0.003 min  
Response: 1450924866  
Conc: 702.42 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

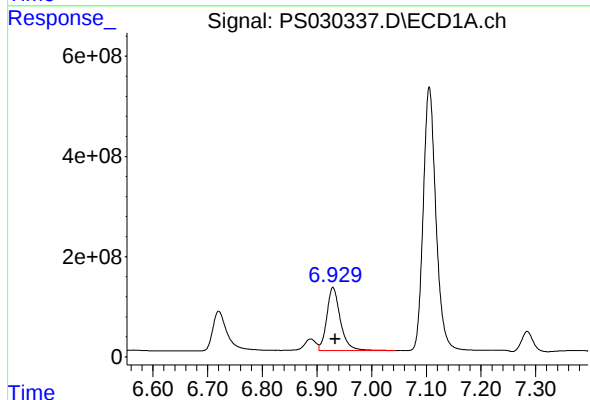
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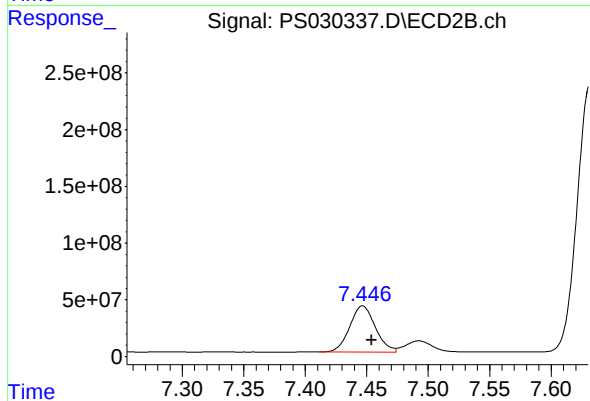
#3 4-Nitrophenol

R.T.: 6.982 min  
Delta R.T.: -0.007 min  
Response: 634694855  
Conc: 607.93 ng/ml



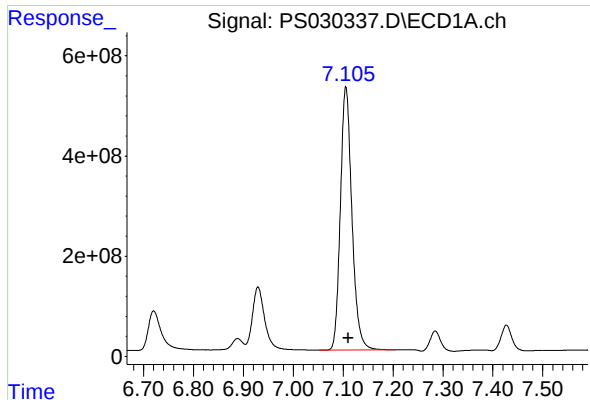
#4 2,4-DCAA

R.T.: 6.929 min  
Delta R.T.: -0.004 min  
Response: 2174079828  
Conc: 763.42 ng/ml



#4 2,4-DCAA

R.T.: 7.447 min  
Delta R.T.: -0.007 min  
Response: 590976162  
Conc: 738.53 ng/ml



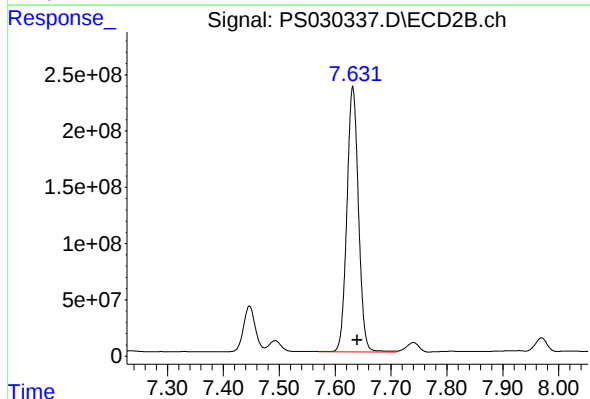
#5 DICAMBA

R.T.: 7.105 min  
Delta R.T.: -0.005 min  
Response: 8443477546  
Conc: 730.57 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

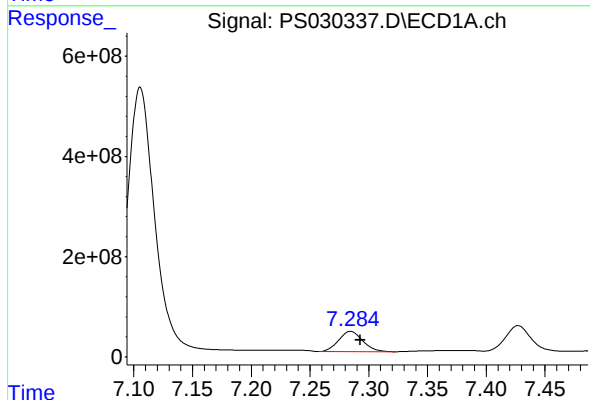
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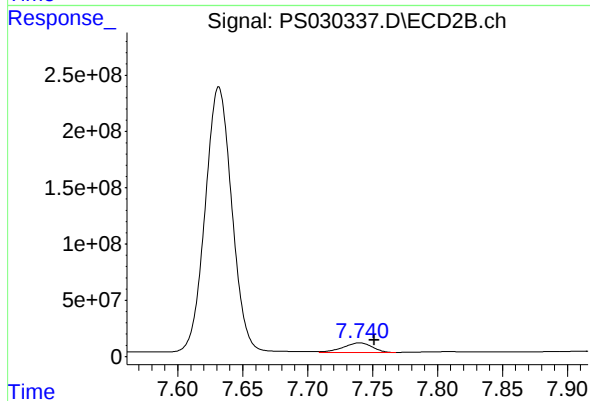
#5 DICAMBA

R.T.: 7.632 min  
Delta R.T.: -0.008 min  
Response: 3390242361  
Conc: 717.06 ng/ml



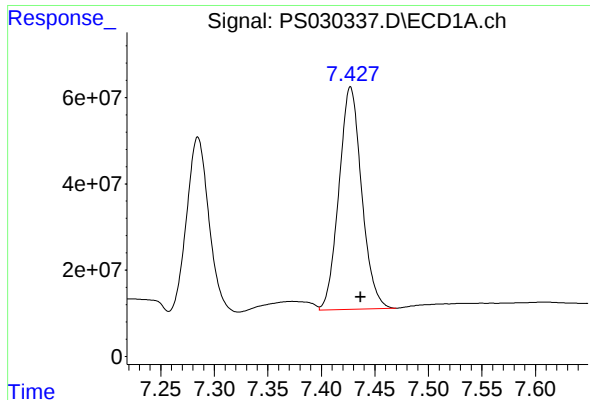
#6 MCP

R.T.: 7.285 min  
Delta R.T.: -0.008 min  
Response: 577916535  
Conc: 79.35 ug/ml



#6 MCP

R.T.: 7.740 min  
Delta R.T.: -0.011 min  
Response: 133505878  
Conc: 72.57 ug/ml



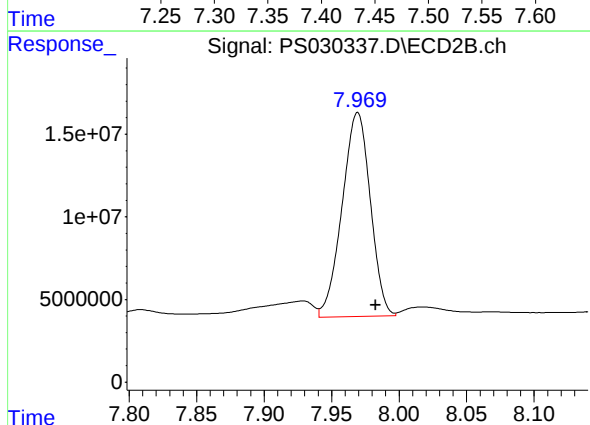
#7 MCPA

R.T.: 7.427 min  
Delta R.T.: -0.010 min  
Response: 761968231  
Conc: 73.40 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

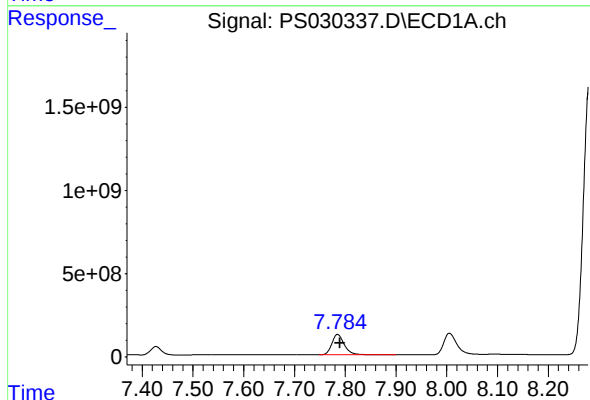
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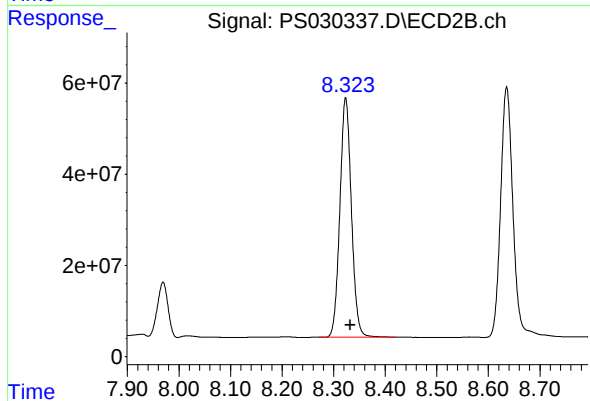
#7 MCPA

R.T.: 7.969 min  
Delta R.T.: -0.013 min  
Response: 179408554  
Conc: 68.02 ug/ml



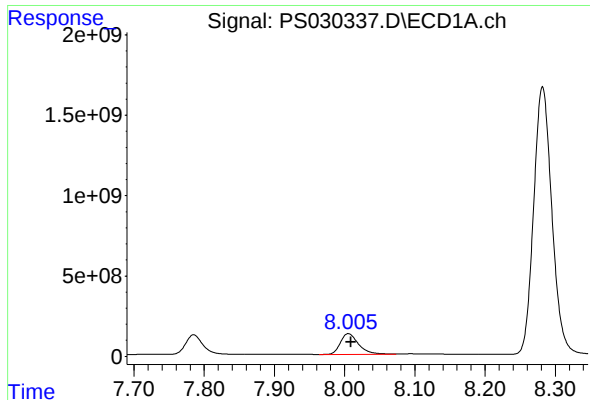
#8 DICHLORPROP

R.T.: 7.785 min  
Delta R.T.: -0.004 min  
Response: 2101980254  
Conc: 719.52 ng/ml



#8 DICHLORPROP

R.T.: 8.323 min  
Delta R.T.: -0.010 min  
Response: 815856408  
Conc: 690.57 ng/ml



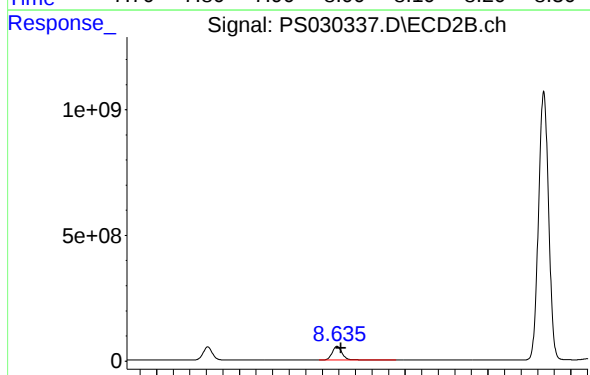
#9 2,4-D

R.T.: 8.005 min  
Delta R.T.: -0.004 min  
Response: 2359604347  
Conc: 719.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

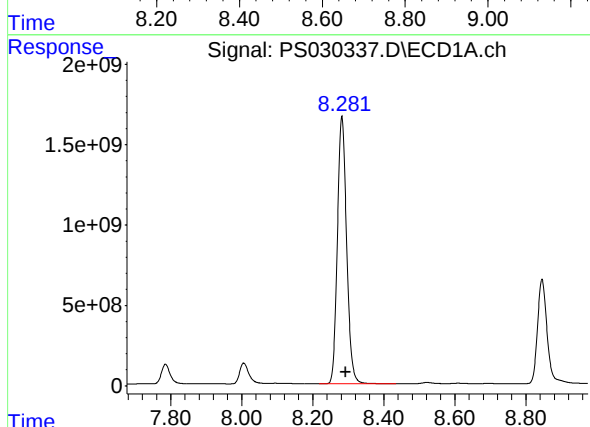
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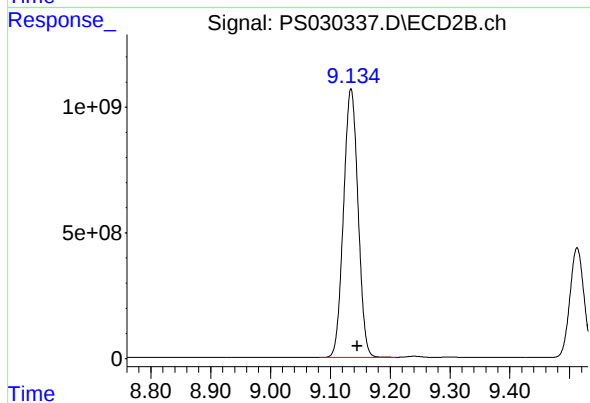
#9 2,4-D

R.T.: 8.635 min  
Delta R.T.: -0.010 min  
Response: 918793470  
Conc: 711.97 ng/ml



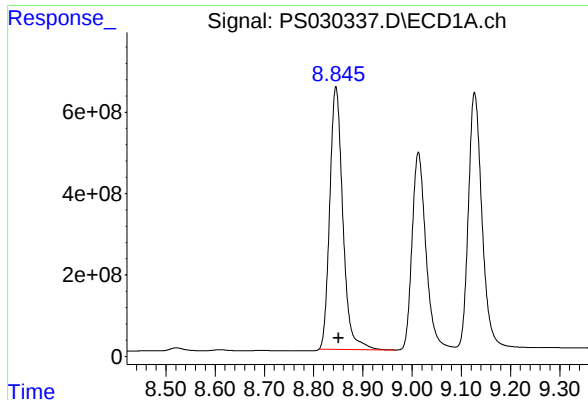
#10 Pentachlorophenol

R.T.: 8.282 min  
Delta R.T.: -0.011 min  
Response: 30019249156  
Conc: 741.20 ng/ml



#10 Pentachlorophenol

R.T.: 9.135 min  
Delta R.T.: -0.010 min  
Response: 18032453362  
Conc: 730.50 ng/ml



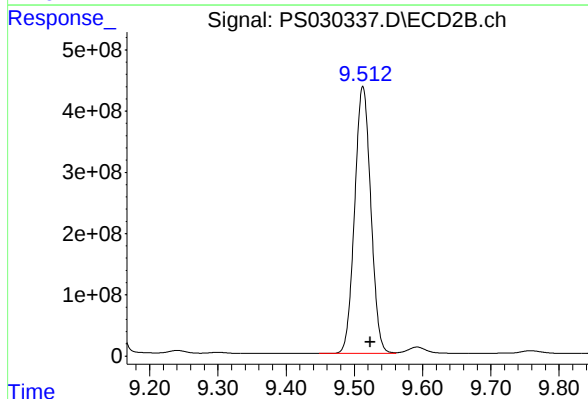
#11 2,4,5-TP (SILVEX)

R.T.: 8.845 min  
Delta R.T.: -0.005 min  
Response: 11905001915  
Conc: 735.06 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

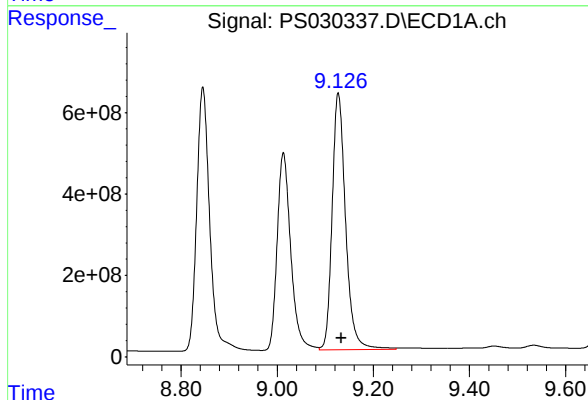
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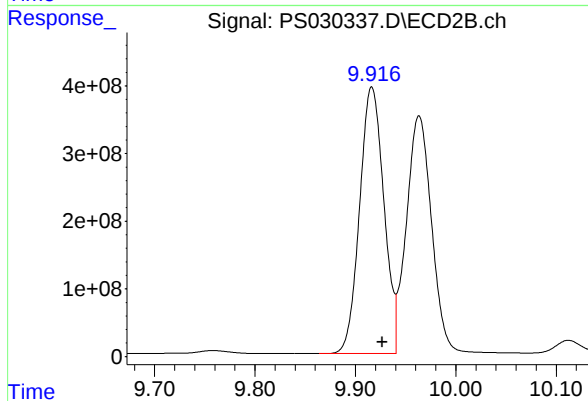
#11 2,4,5-TP (SILVEX)

R.T.: 9.512 min  
Delta R.T.: -0.011 min  
Response: 7169702635  
Conc: 727.86 ng/ml



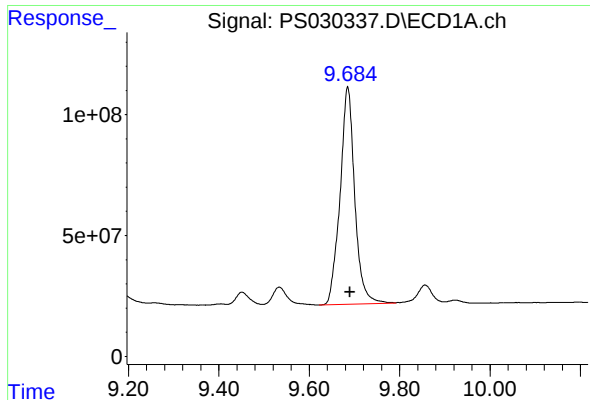
#12 2,4,5-T

R.T.: 9.127 min  
Delta R.T.: -0.006 min  
Response: 12279257993  
Conc: 743.51 ng/ml



#12 2,4,5-T

R.T.: 9.916 min  
Delta R.T.: -0.011 min  
Response: 6614782342  
Conc: 718.72 ng/ml



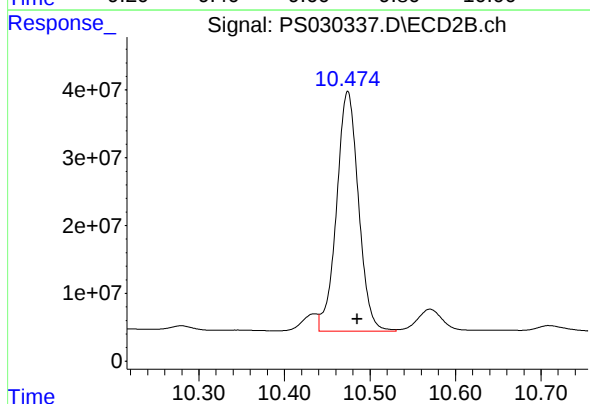
#13 2,4-DB

R.T.: 9.685 min  
Delta R.T.: -0.005 min  
Response: 2030347893  
Conc: 777.98 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

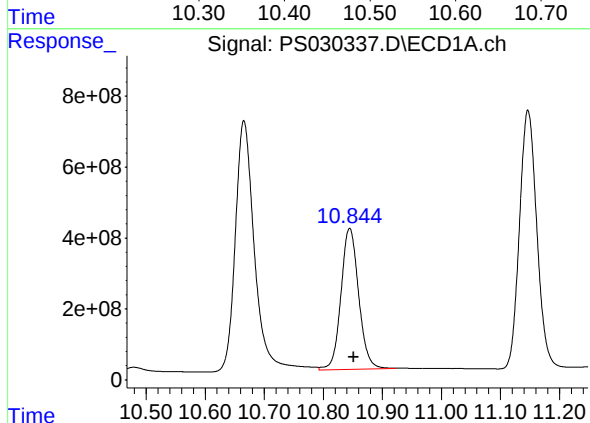
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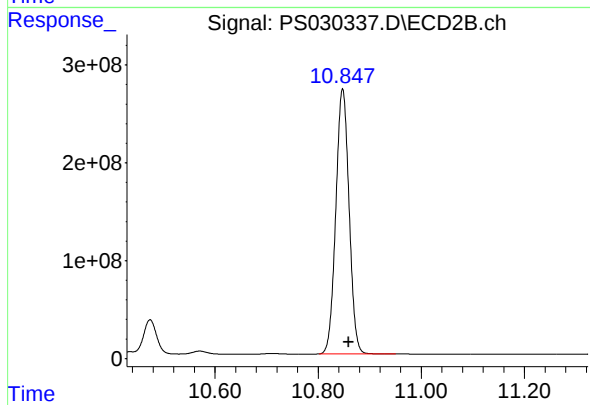
#13 2,4-DB

R.T.: 10.474 min  
Delta R.T.: -0.011 min  
Response: 630026087  
Conc: 634.87 ng/ml



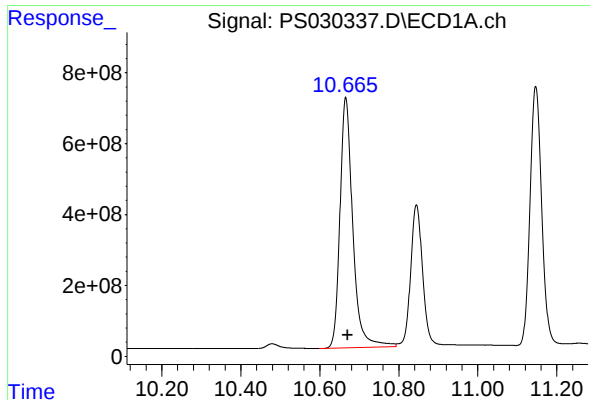
#14 DINOSEB

R.T.: 10.845 min  
Delta R.T.: -0.007 min  
Response: 8279048045  
Conc: 723.92 ng/ml



#14 DINOSEB

R.T.: 10.847 min  
Delta R.T.: -0.011 min  
Response: 4830338688  
Conc: 707.02 ng/ml



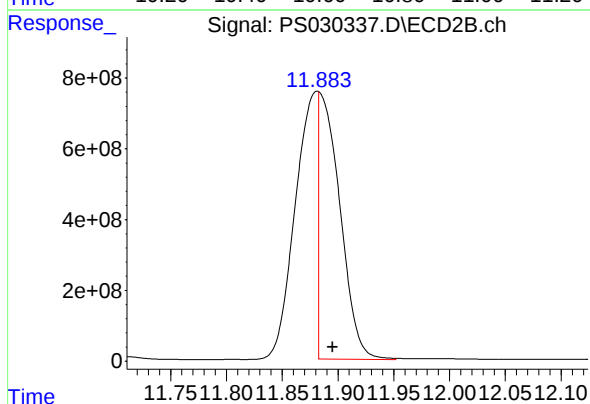
#15 Picloram

R.T.: 10.666 min  
Delta R.T.: -0.005 min  
Response: 15888495771  
Conc: 742.91 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

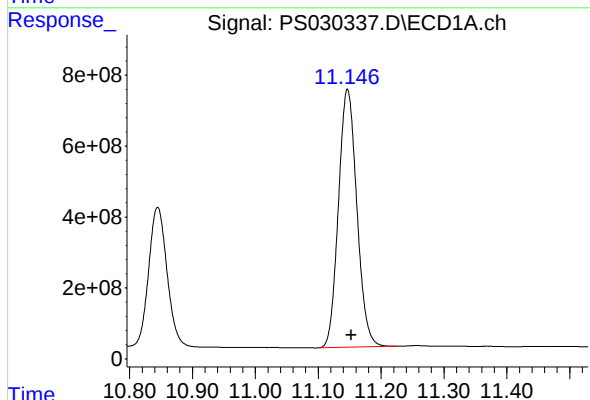
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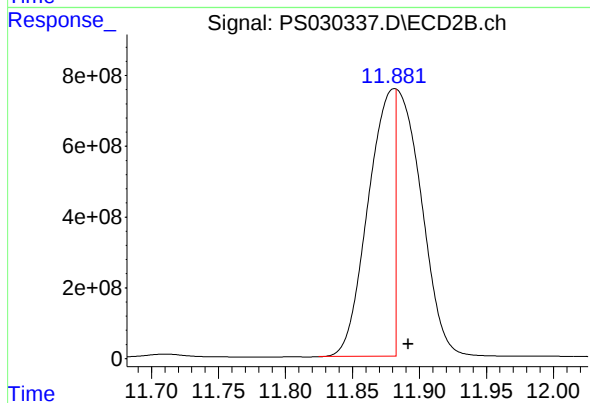
#15 Picloram

R.T.: 11.883 min  
Delta R.T.: -0.012 min  
Response: 9811535796  
Conc: 697.18 ng/ml m



#16 DCPA

R.T.: 11.147 min  
Delta R.T.: -0.006 min  
Response: 14786666471  
Conc: 742.62 ng/ml



#16 DCPA

R.T.: 11.881 min  
Delta R.T.: -0.011 min  
Response: 10146284709  
Conc: 750.99 ng/ml m