

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS061825\  
 Data File : PS030744.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2025 14:18  
 Operator : AR\AJ  
 Sample : HSTDICV750  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 ICVPS061825

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/19/2025  
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 19 05:14:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 19 05:11:26 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     | 7.348  | 7.770  | 2655.3E6  | 781.4E6   | 722.658m | 728.902 |
| Target Compounds            |              |        |        |           |           |          |         |
| 1) T                        | Dalapon      | 2.710  | 2.710  | 4056.7E6  | 1841.2E6  | 680.013  | 671.536 |
| 2) T                        | 3,5-DICHL... | 6.508  | 6.715  | 3653.0E6  | 1096.7E6  | 679.304  | 679.863 |
| 3) T                        | 4-Nitroph... | 7.149  | 7.302  | 1067.2E6  | 1168.5E6  | 676.796  | 674.057 |
| 5) T                        | DICAMBA      | 7.539  | 7.972  | 10807.3E6 | 4588.7E6  | 710.304  | 700.216 |
| 6) T                        | MCPD         | 7.721  | 8.072  | 688.5E6   | 156.4E6   | 73.332   | 74.580  |
| 7) T                        | MCPA         | 7.871  | 8.321  | 828.7E6   | 223.9E6   | 70.648   | 71.187  |
| 8) T                        | DICHLORPROP  | 8.253  | 8.691  | 2460.1E6  | 1042.7E6  | 656.766  | 663.094 |
| 9) T                        | 2,4-D        | 8.486  | 9.027  | 2352.8E6  | 1124.1E6  | 683.086  | 661.445 |
| 10) T                       | Pentachlo... | 8.794  | 9.552  | 38388.3E6 | 27302.7E6 | 725.329  | 716.192 |
| 11) T                       | 2,4,5-TP ... | 9.375  | 9.934  | 14291.4E6 | 10089.0E6 | 713.485  | 699.233 |
| 12) T                       | 2,4,5-T      | 9.669  | 10.359 | 12186.1E6 | 9656.1E6  | 740.654  | 706.651 |
| 13) T                       | 2,4-DB       | 10.248 | 10.927 | 1788.9E6  | 824.5E6   | 779.995  | 697.026 |
| 14) T                       | DINOSEB      | 11.467 | 11.312 | 9884.9E6  | 7472.6E6  | 712.518  | 693.112 |
| 15) T                       | Picloram     | 11.276 | 12.421 | 11908.4E6 | 16569.9E6 | 740.750  | 712.948 |
| 16) T                       | DCPA         | 11.763 | 12.357 | 18641.3E6 | 15691.5E6 | 727.713  | 711.865 |
| -----                       |              |        |        |           |           |          |         |

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2025 14:18  
Operator : AR\AJ  
Sample : HSTDICV750  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

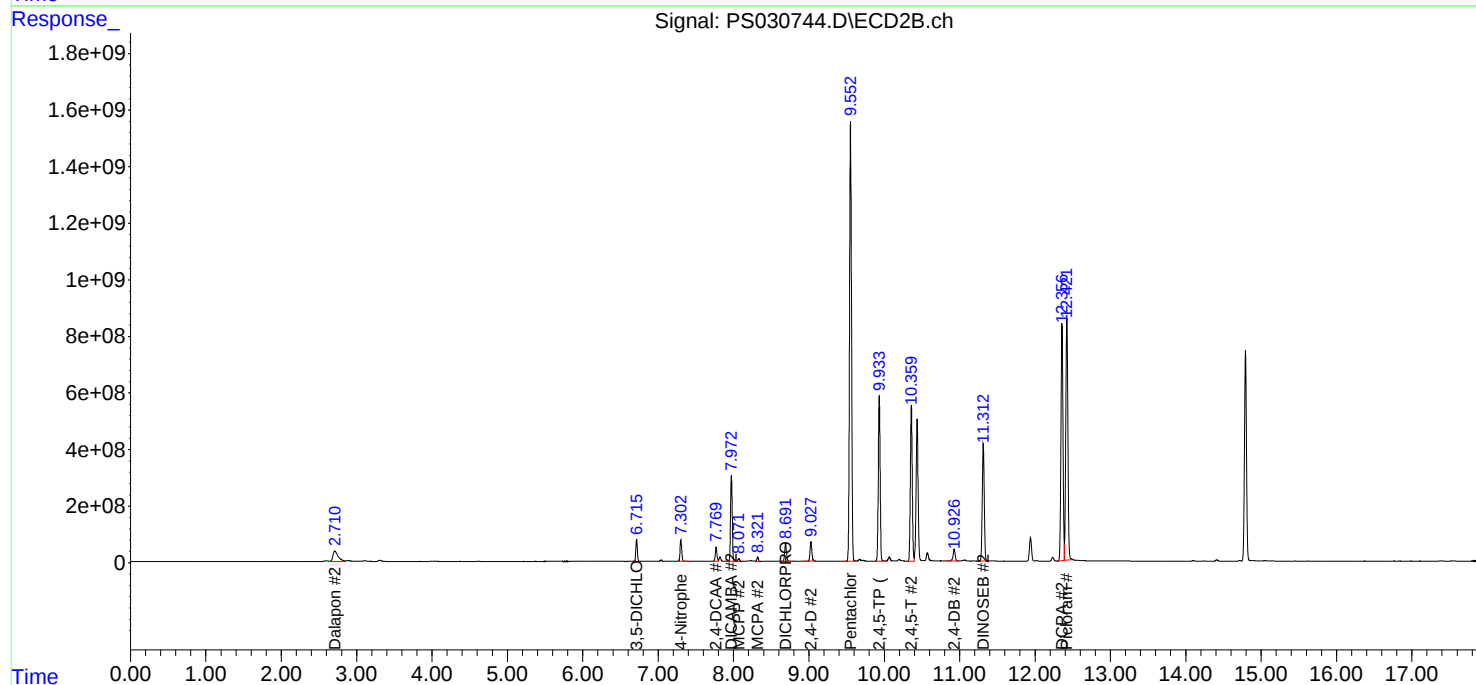
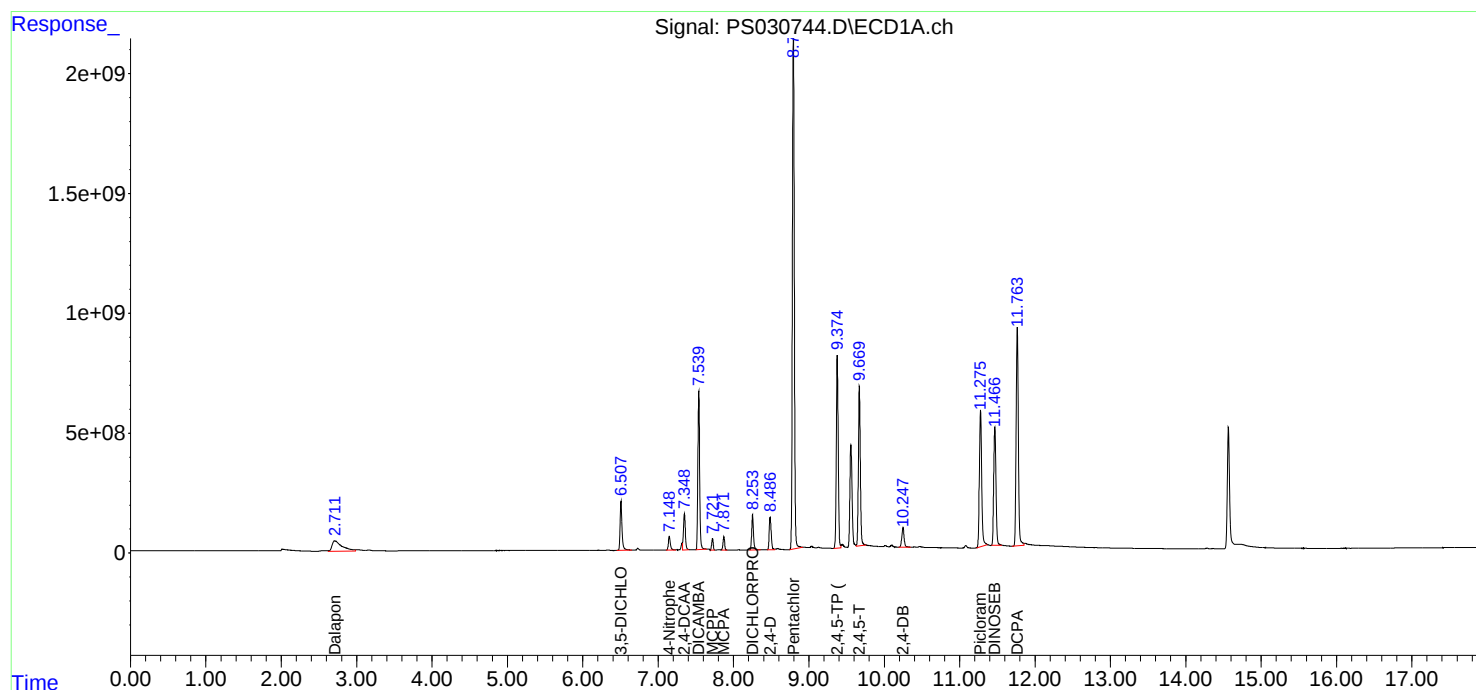
Instrument :  
ECD\_S  
ClientSampleId :  
ICVPS061825

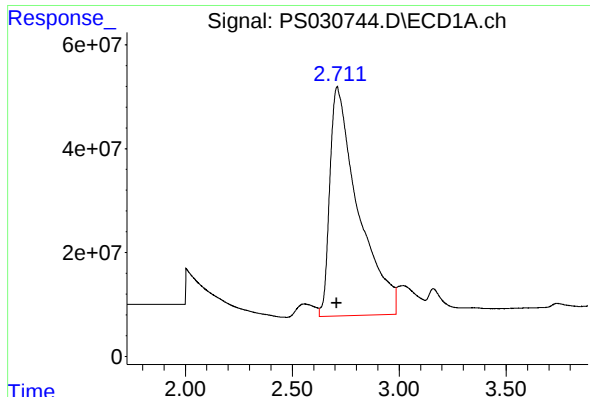
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 05:14:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS061825.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 19 05:11:26 2025  
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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





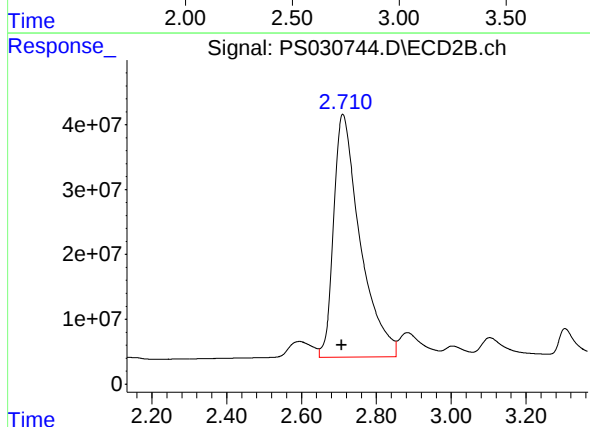
#1 Dalapon

R.T.: 2.710 min  
Delta R.T.: 0.002 min  
Response: 4056705796  
Conc: 680.01 ng/ml

Instrument :  
ECD\_S  
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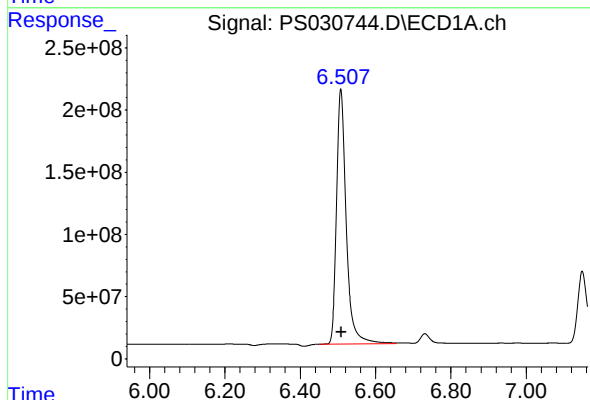
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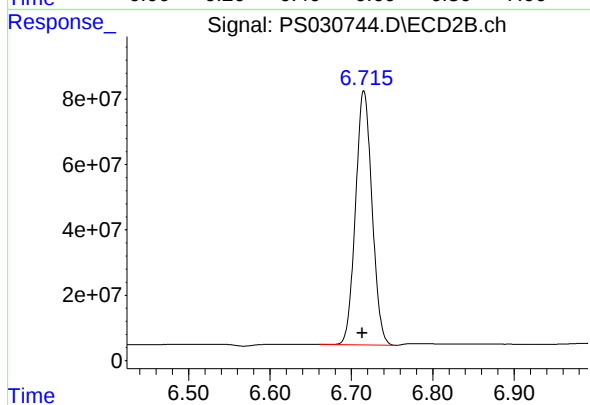
#1 Dalapon

R.T.: 2.710 min  
Delta R.T.: 0.003 min  
Response: 1841179062  
Conc: 671.54 ng/ml



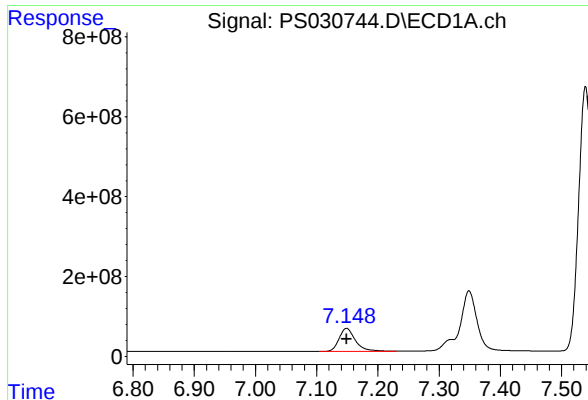
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min  
Delta R.T.: -0.001 min  
Response: 3652993931  
Conc: 679.30 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min  
Delta R.T.: 0.002 min  
Response: 1096720252  
Conc: 679.86 ng/ml



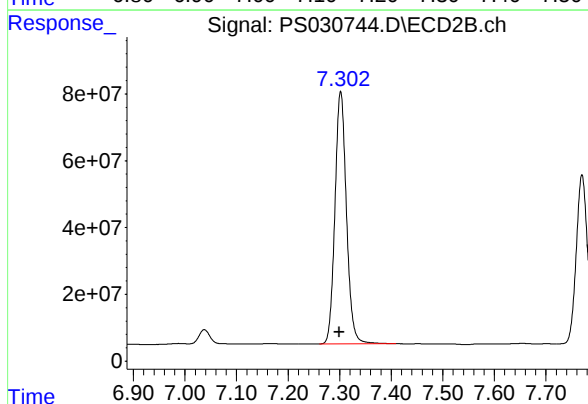
#3 4-Nitrophenol

R.T.: 7.149 min  
Delta R.T.: 0.000 min  
Response: 1067150163  
Conc: 676.80 ng/ml

Instrument :  
ECD\_S  
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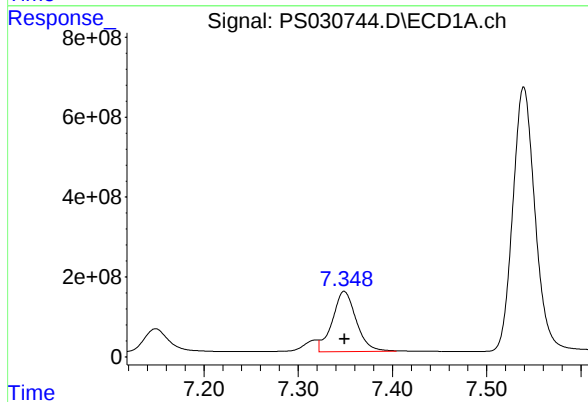
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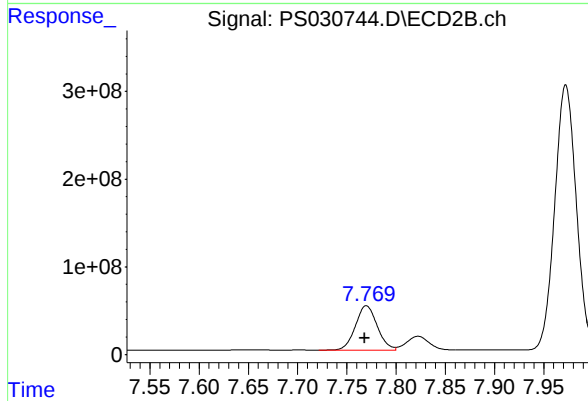
#3 4-Nitrophenol

R.T.: 7.302 min  
Delta R.T.: 0.003 min  
Response: 1168501806  
Conc: 674.06 ng/ml



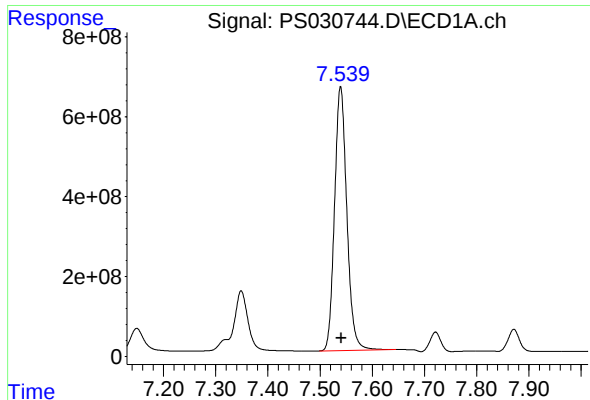
#4 2,4-DCAA

R.T.: 7.348 min  
Delta R.T.: -0.001 min  
Response: 2655329817  
Conc: 722.66 ng/ml m



#4 2,4-DCAA

R.T.: 7.770 min  
Delta R.T.: 0.002 min  
Response: 781356298  
Conc: 728.90 ng/ml



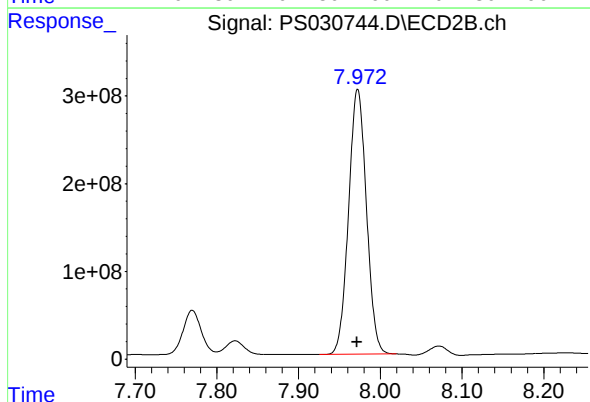
#5 DICAMBA

R.T.: 7.539 min  
Delta R.T.: -0.001 min  
Response: 10807342151  
Conc: 710.30 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ICVPS061825

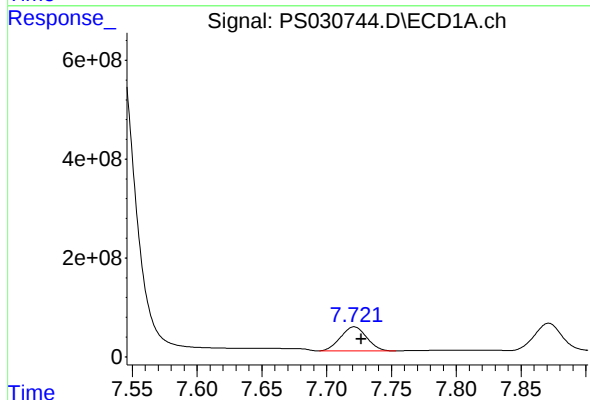
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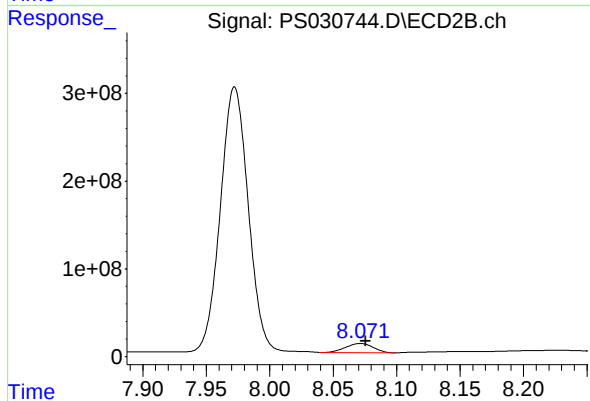
#5 DICAMBA

R.T.: 7.972 min  
Delta R.T.: 0.001 min  
Response: 4588662787  
Conc: 700.22 ng/ml



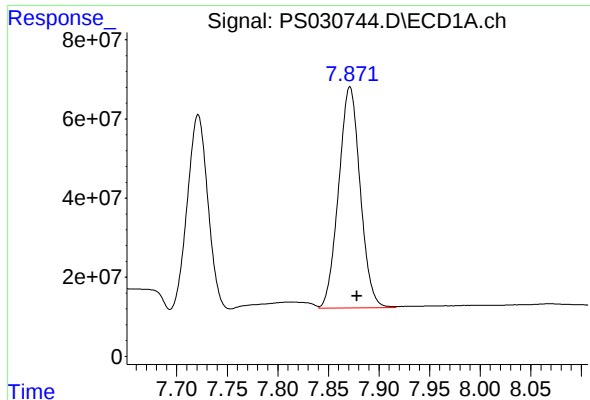
#6 MCPP

R.T.: 7.721 min  
Delta R.T.: -0.006 min  
Response: 688462555  
Conc: 73.33 ug/ml



#6 MCPP

R.T.: 8.072 min  
Delta R.T.: -0.004 min  
Response: 156416874  
Conc: 74.58 ug/ml



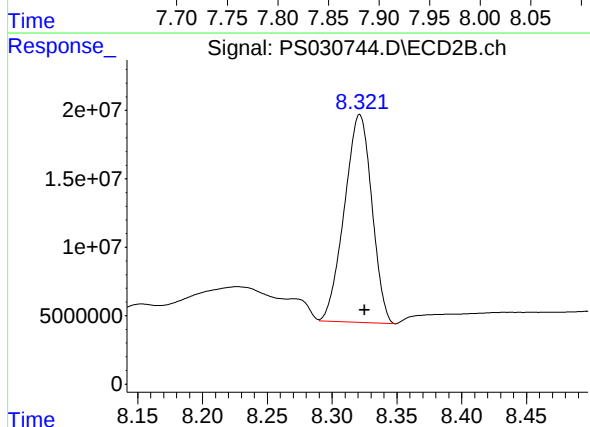
#7 MCPA

R.T.: 7.871 min  
Delta R.T.: -0.007 min  
Response: 828741336  
Conc: 70.65 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ICVPS061825

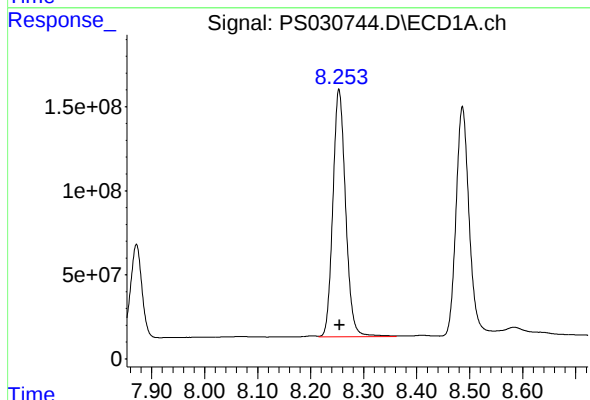
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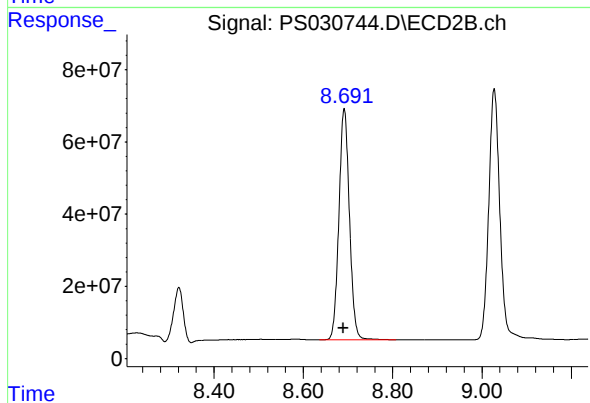
#7 MCPA

R.T.: 8.321 min  
Delta R.T.: -0.004 min  
Response: 223936789  
Conc: 71.19 ug/ml



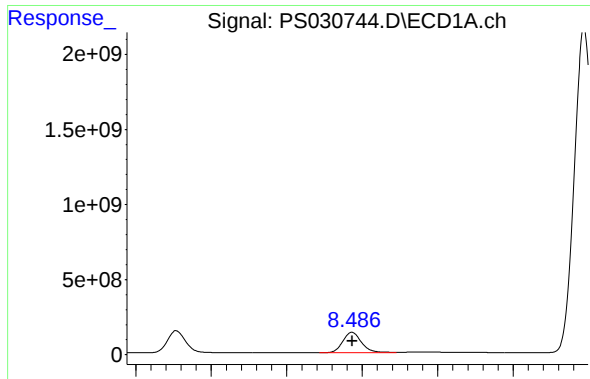
#8 DICHLORPROP

R.T.: 8.253 min  
Delta R.T.: 0.000 min  
Response: 2460091621  
Conc: 656.77 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min  
Delta R.T.: 0.001 min  
Response: 1042712551  
Conc: 663.09 ng/ml



#9 2,4-D

R.T.: 8.486 min  
Delta R.T.: 0.000 min  
Response: 2352830084  
Conc: 683.09 ng/ml

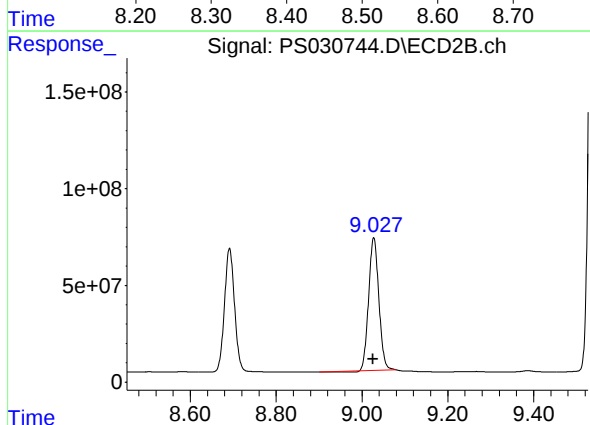
Instrument :

ECD\_S

ClientSampleId :  
ICVPS061825

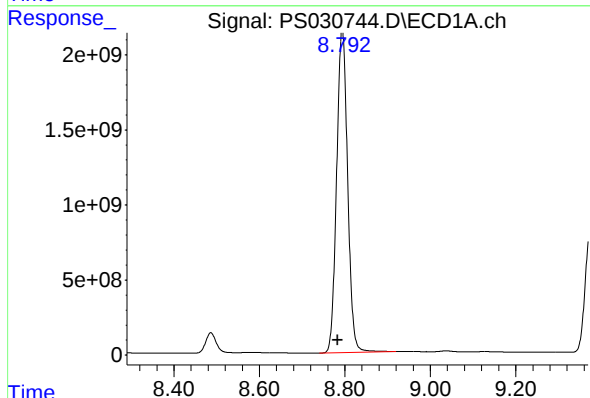
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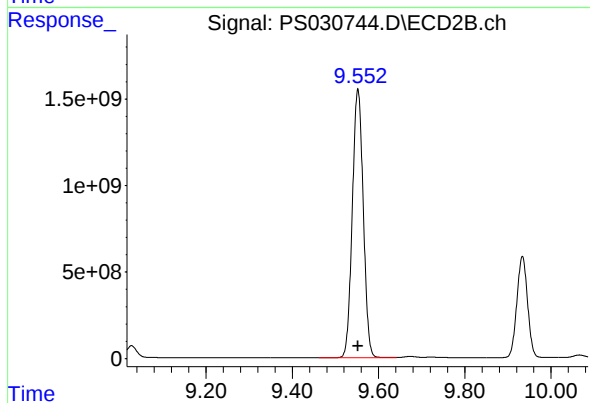
#9 2,4-D

R.T.: 9.027 min  
Delta R.T.: 0.002 min  
Response: 1124062487  
Conc: 661.44 ng/ml



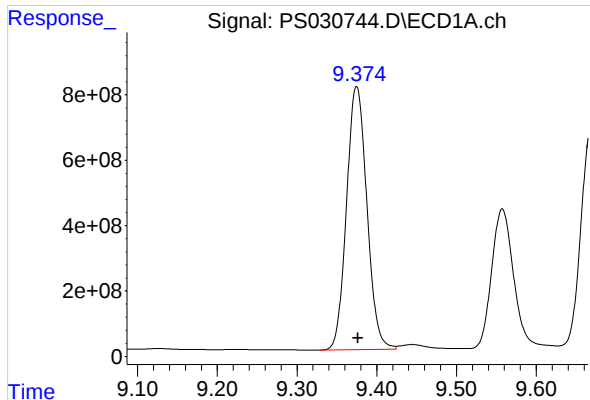
#10 Pentachlorophenol

R.T.: 8.794 min  
Delta R.T.: 0.011 min  
Response: 38388332733  
Conc: 725.33 ng/ml



#10 Pentachlorophenol

R.T.: 9.552 min  
Delta R.T.: 0.000 min  
Response: 27302745086  
Conc: 716.19 ng/ml



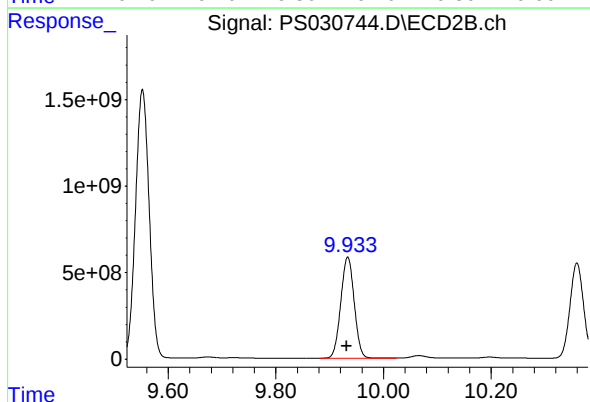
#11 2,4,5-TP (SILVEX)

R.T.: 9.375 min  
Delta R.T.: -0.002 min  
Response: 14291401500  
Conc: 713.49 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
ICVPS061825

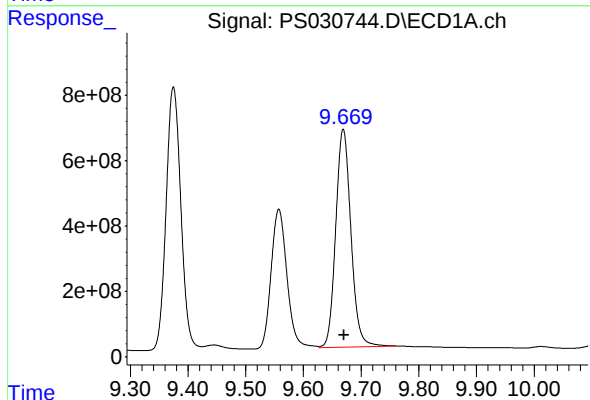
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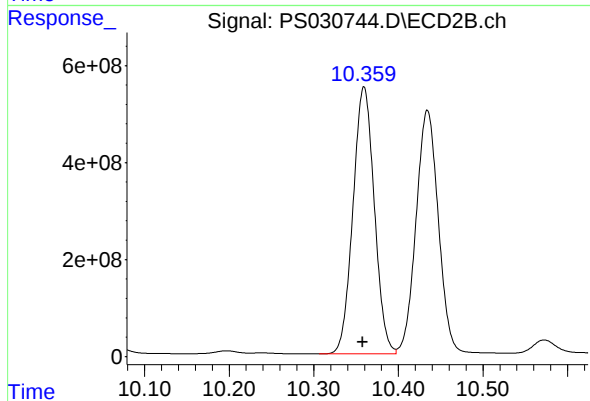
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min  
Delta R.T.: 0.002 min  
Response: 10089023893  
Conc: 699.23 ng/ml



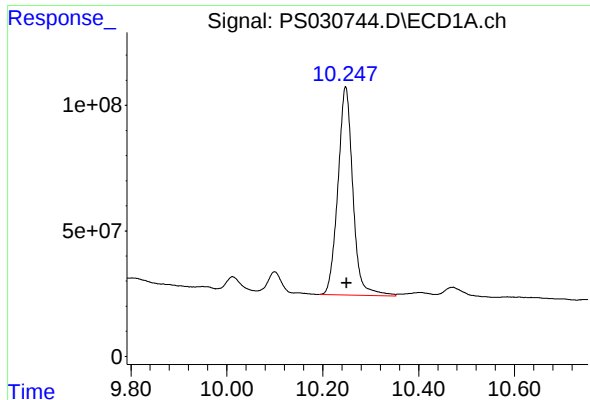
#12 2,4,5-T

R.T.: 9.669 min  
Delta R.T.: -0.001 min  
Response: 12186092877  
Conc: 740.65 ng/ml



#12 2,4,5-T

R.T.: 10.359 min  
Delta R.T.: 0.002 min  
Response: 9656126345  
Conc: 706.65 ng/ml



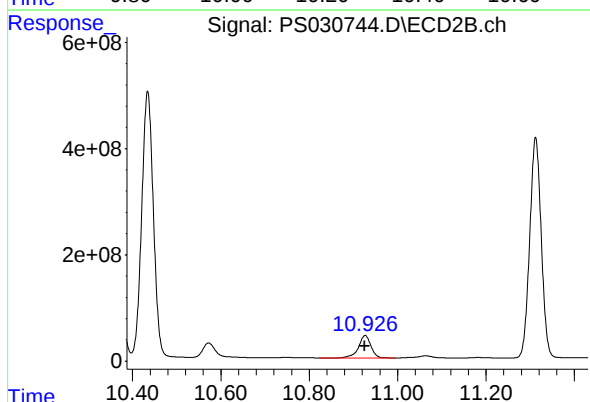
#13 2,4-DB

R.T.: 10.248 min  
Delta R.T.: -0.002 min  
Response: 1788920802  
Conc: 780.00 ng/ml

Instrument :  
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ClientSampleId :  
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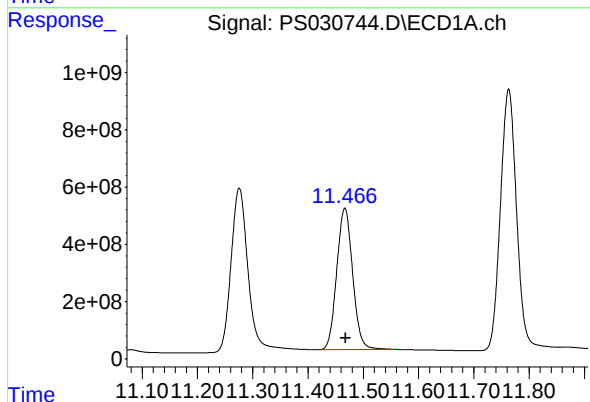
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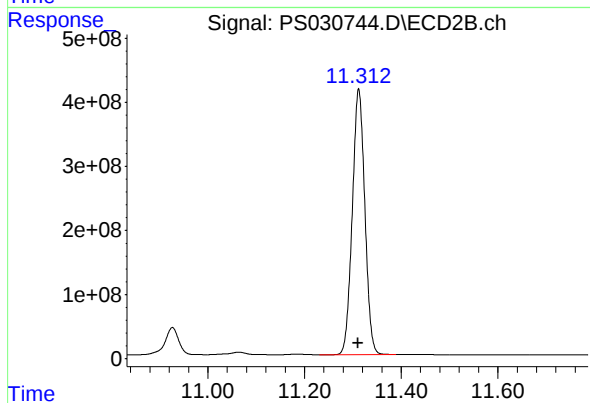
#13 2,4-DB

R.T.: 10.927 min  
Delta R.T.: 0.002 min  
Response: 824513963  
Conc: 697.03 ng/ml



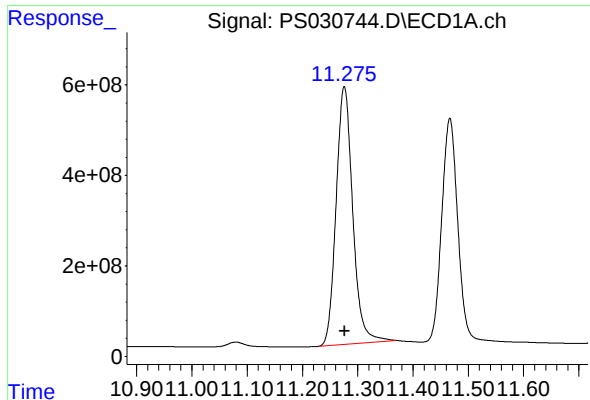
#14 DINOSEB

R.T.: 11.467 min  
Delta R.T.: -0.002 min  
Response: 9884896443  
Conc: 712.52 ng/ml



#14 DINOSEB

R.T.: 11.312 min  
Delta R.T.: 0.001 min  
Response: 7472608497  
Conc: 693.11 ng/ml



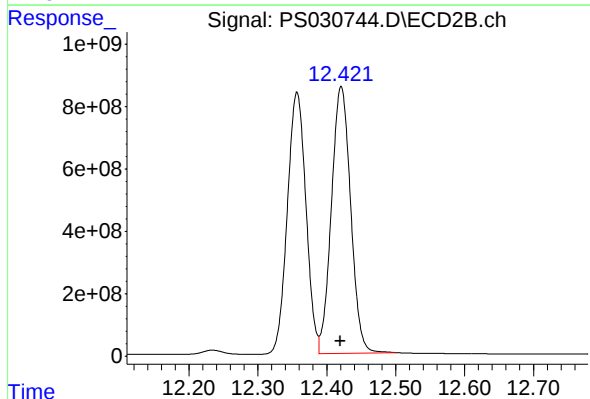
#15 Picloram

R.T.: 11.276 min  
Delta R.T.: 0.000 min  
Response: 11908385467  
Conc: 740.75 ng/ml

Instrument :  
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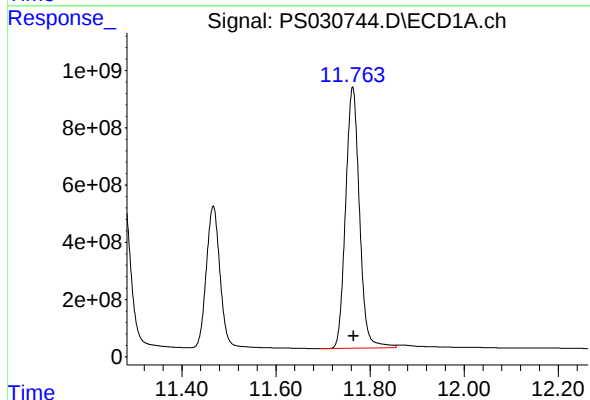
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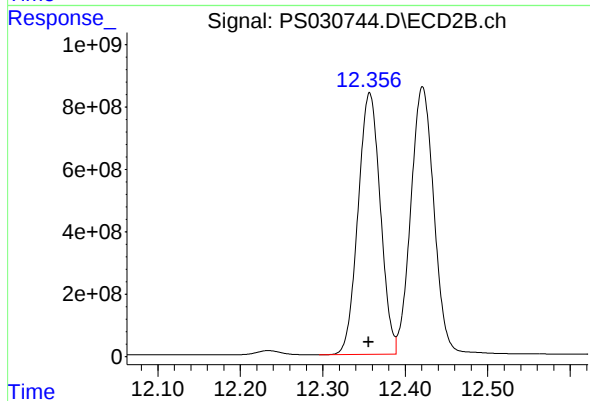
#15 Picloram

R.T.: 12.421 min  
Delta R.T.: 0.002 min  
Response: 16569918605  
Conc: 712.95 ng/ml



#16 DCPA

R.T.: 11.763 min  
Delta R.T.: -0.002 min  
Response: 18641277132  
Conc: 727.71 ng/ml



#16 DCPA

R.T.: 12.357 min  
Delta R.T.: 0.001 min  
Response: 15691492514  
Conc: 711.87 ng/ml