

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS121024\  
 Data File : PS028752.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Dec 2024 13:18  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 12/11/2024  
 Supervised By : Ankita Jodhani 12/11/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 10 14:41:42 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS112624.M  
 Quant Title : 8080.M  
 QLast Update : Tue Nov 26 14:44:30 2024  
 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     | 7.223  | 7.717  | 2081.6E6  | 924.7E6   | 776.020  | 686.443 |
| Target Compounds            |              |        |        |           |           |          |         |
| 1) T                        | Dalapon      | 2.627  | 2.684  | 2214.4E6  | 1420.4E6  | 763.094  | 650.426 |
| 2) T                        | 3,5-DICHL... | 6.397  | 6.675  | 2759.5E6  | 1270.5E6  | 720.558  | 646.878 |
| 3) T                        | 4-Nitroph... | 7.022  | 7.244  | 1227.9E6  | 599.6E6   | 714.315  | 657.380 |
| 5) T                        | DICAMBA      | 7.410  | 7.915  | 8530.6E6  | 4317.9E6  | 743.045  | 701.392 |
| 6) T                        | MCP          | 7.592  | 8.019  | 524.8E6   | 268.5E6   | 71.910   | 62.340  |
| 7) T                        | MCPA         | 7.742  | 8.263  | 757.0E6   | 374.0E6   | 73.220   | 60.272  |
| 8) T                        | DICHLORPROP  | 8.116  | 8.630  | 2256.1E6  | 1071.7E6  | 724.700  | 670.393 |
| 9) T                        | 2,4-D        | 8.345  | 8.959  | 2414.4E6  | 1130.2E6  | 715.971  | 668.359 |
| 10) T                       | Pentachlo... | 8.644  | 9.486  | 34277.5E6 | 16885.7E6 | 777.398  | 737.659 |
| 11) T                       | 2,4,5-TP ... | 9.221  | 9.862  | 13644.6E6 | 7007.9E6  | 746.434  | 734.386 |
| 12) T                       | 2,4,5-T      | 9.513  | 10.281 | 14034.8E6 | 6713.4E6  | 748.304  | 721.075 |
| 13) T                       | 2,4-DB       | 10.085 | 10.847 | 2572.5E6  | 763.9E6   | 726.332m | 666.169 |
| 14) T                       | DINOSEB      | 11.294 | 11.225 | 11214.6E6 | 4498.6E6  | 746.338  | 716.795 |
| 15) T                       | Picloram     | 11.103 | 12.316 | 22370.6E6 | 9584.5E6  | 752.287  | 743.517 |
| 16) T                       | DCPA         | 11.588 | 12.267 | 20846.5E6 | 8353.9E6  | 758.188  | 752.789 |
| -----                       |              |        |        |           |           |          |         |

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

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Data File : PS028752.D  
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Acq On : 10 Dec 2024 13:18  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

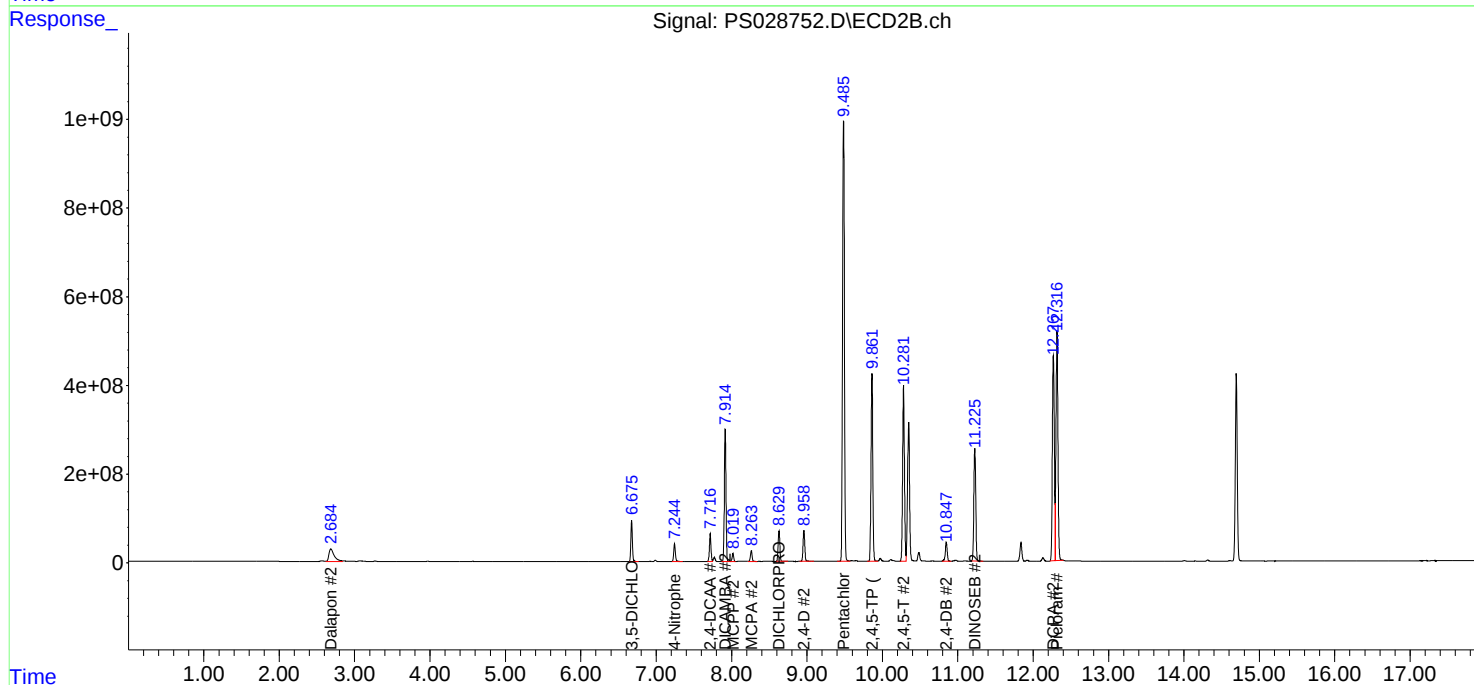
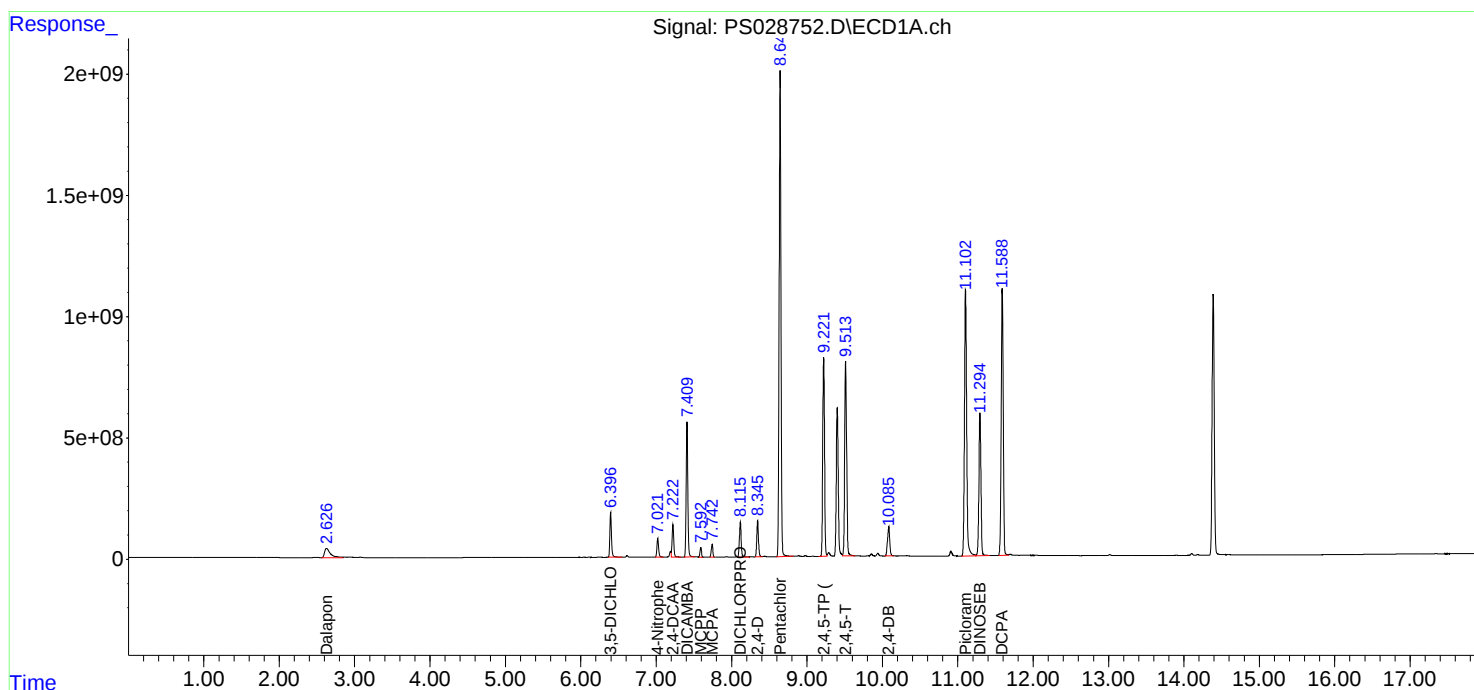
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

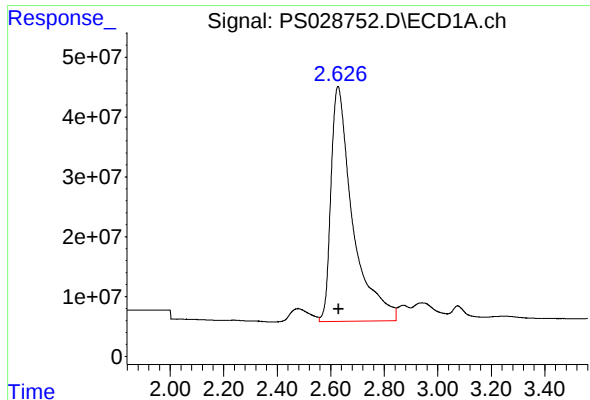
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS112624.M  
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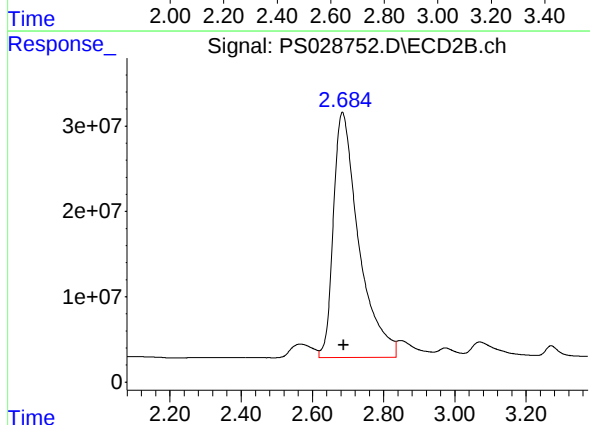
#1 Dalapon

R.T.: 2.627 min  
Delta R.T.: -0.003 min  
Response: 2214380326  
Conc: 763.09 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

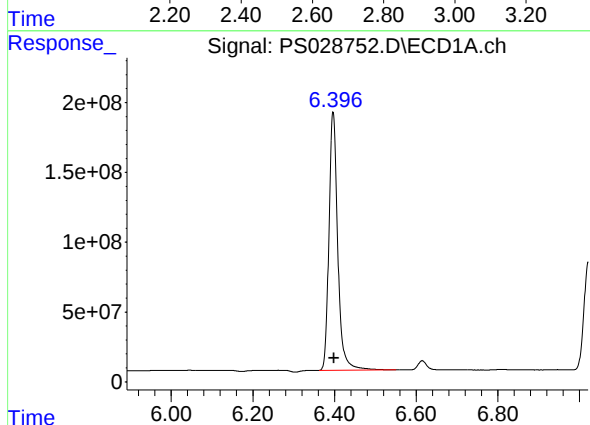
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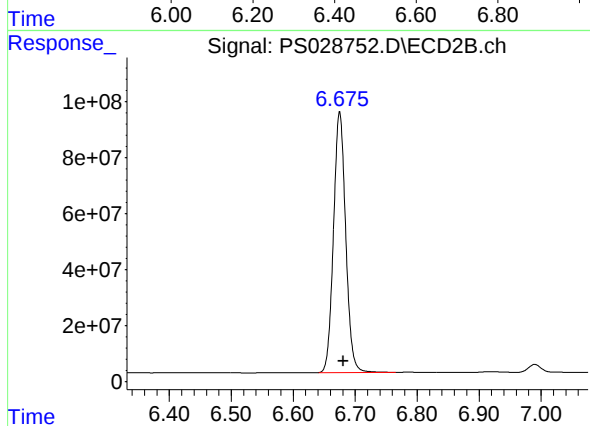
#1 Dalapon

R.T.: 2.684 min  
Delta R.T.: -0.004 min  
Response: 1420407200  
Conc: 650.43 ng/ml



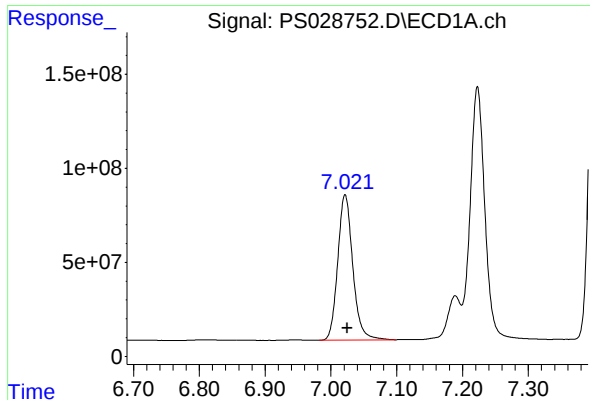
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.397 min  
Delta R.T.: -0.002 min  
Response: 2759488473  
Conc: 720.56 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.675 min  
Delta R.T.: -0.006 min  
Response: 1270527561  
Conc: 646.88 ng/ml



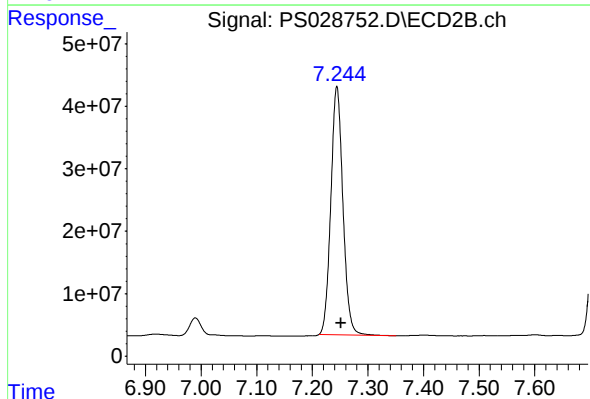
#3 4-Nitrophenol

R.T.: 7.022 min  
Delta R.T.: -0.003 min  
Response: 1227888479  
Conc: 714.31 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

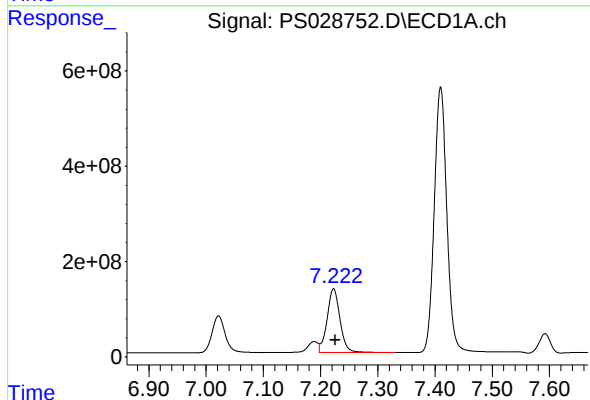
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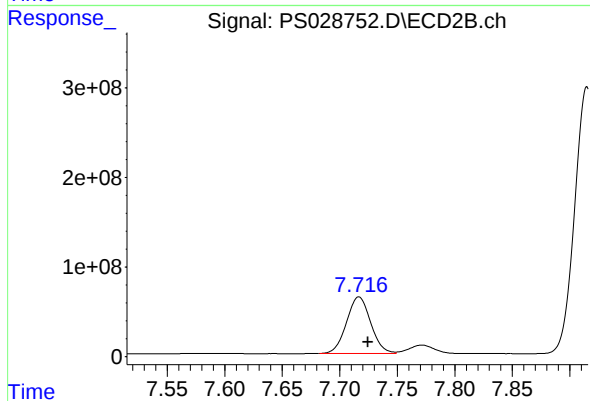
#3 4-Nitrophenol

R.T.: 7.244 min  
Delta R.T.: -0.007 min  
Response: 599619177  
Conc: 657.38 ng/ml



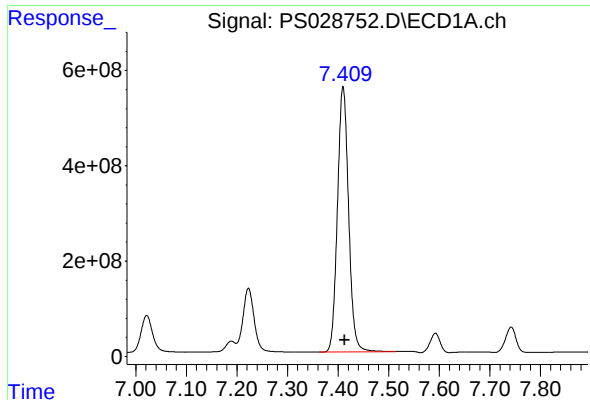
#4 2,4-DCAA

R.T.: 7.223 min  
Delta R.T.: -0.003 min  
Response: 2081550393  
Conc: 776.02 ng/ml



#4 2,4-DCAA

R.T.: 7.717 min  
Delta R.T.: -0.008 min  
Response: 924658427  
Conc: 686.44 ng/ml



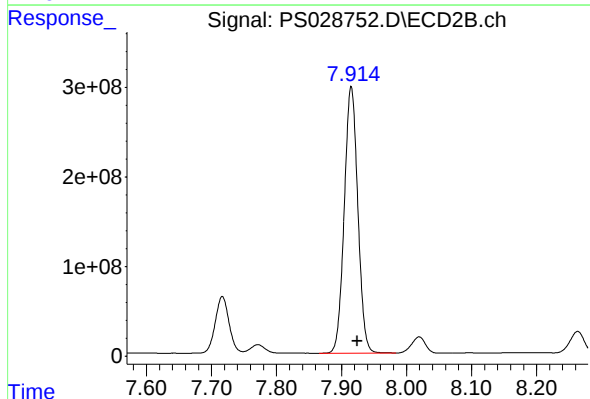
#5 DICAMBA

R.T.: 7.410 min  
Delta R.T.: -0.003 min  
Response: 8530553538  
Conc: 743.05 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

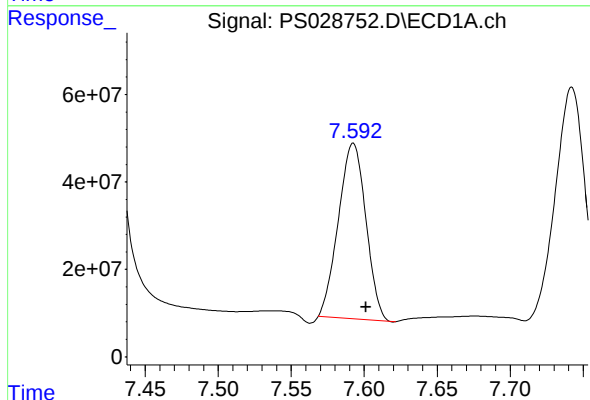
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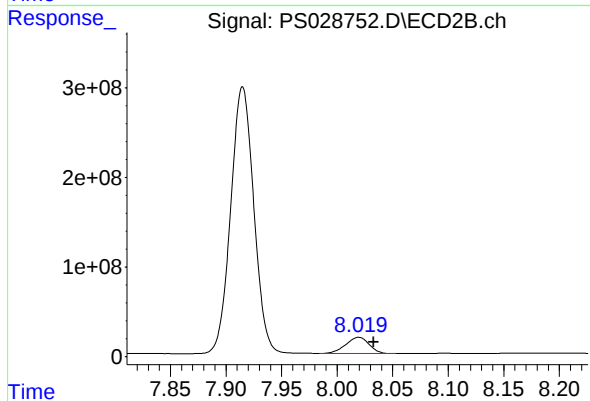
#5 DICAMBA

R.T.: 7.915 min  
Delta R.T.: -0.009 min  
Response: 4317919815  
Conc: 701.39 ng/ml



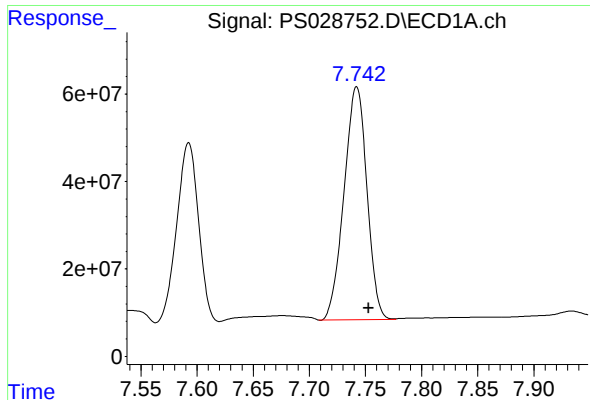
#6 MCPP

R.T.: 7.592 min  
Delta R.T.: -0.009 min  
Response: 524765927  
Conc: 71.91 ug/ml



#6 MCPP

R.T.: 8.019 min  
Delta R.T.: -0.013 min  
Response: 268531129  
Conc: 62.34 ug/ml



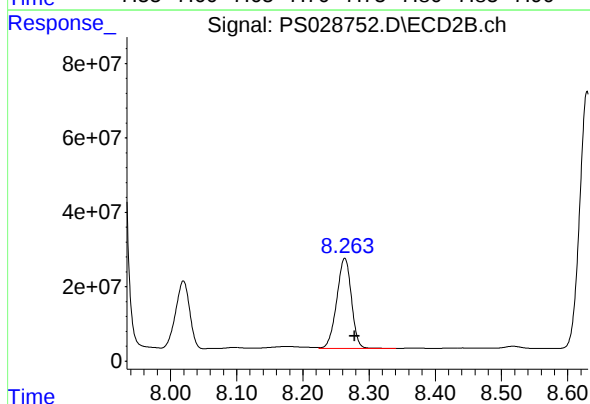
#7 MCPA

R.T.: 7.742 min  
Delta R.T.: -0.011 min  
Response: 757025146  
Conc: 73.22 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

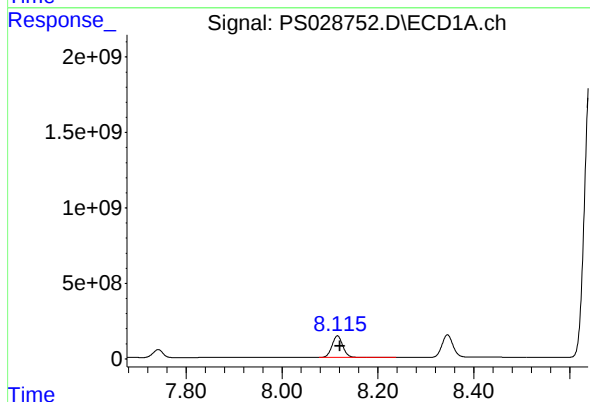
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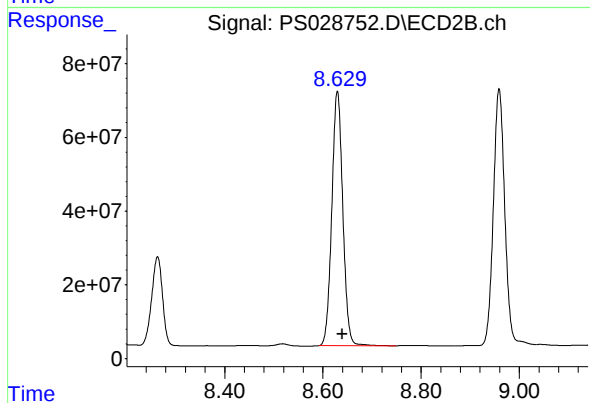
#7 MCPA

R.T.: 8.263 min  
Delta R.T.: -0.015 min  
Response: 374048704  
Conc: 60.27 ug/ml



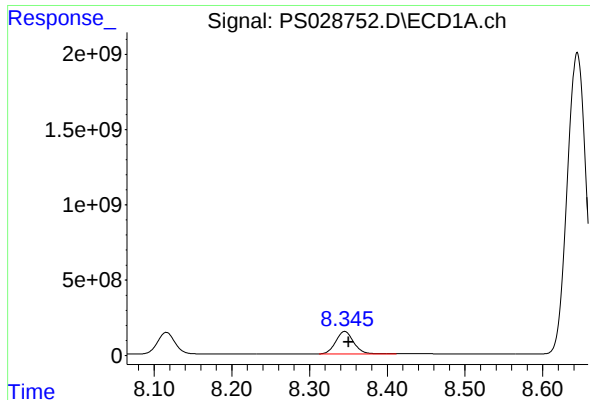
#8 DICHLORPROP

R.T.: 8.116 min  
Delta R.T.: -0.005 min  
Response: 2256066281  
Conc: 724.70 ng/ml



#8 DICHLORPROP

R.T.: 8.630 min  
Delta R.T.: -0.010 min  
Response: 1071701908  
Conc: 670.39 ng/ml



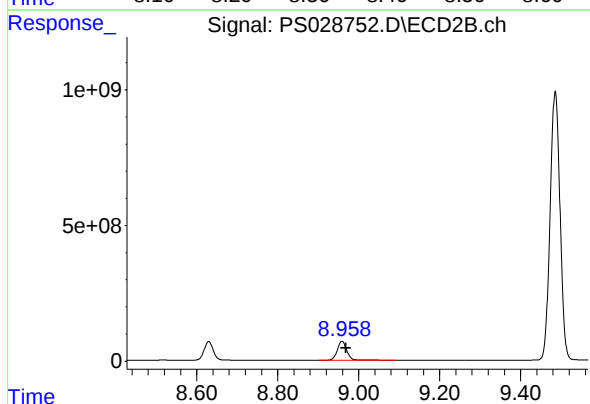
#9 2,4-D

R.T.: 8.345 min  
Delta R.T.: -0.005 min  
Response: 2414361370  
Conc: 715.97 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

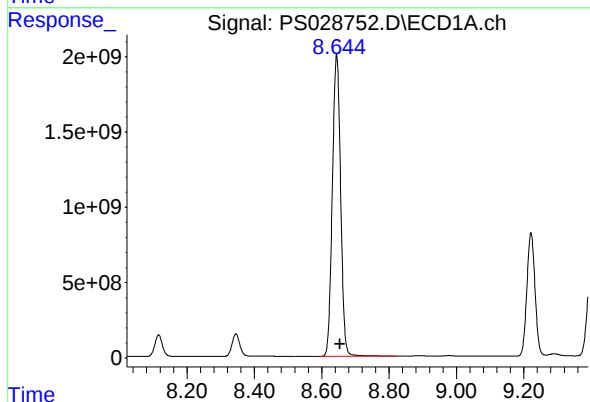
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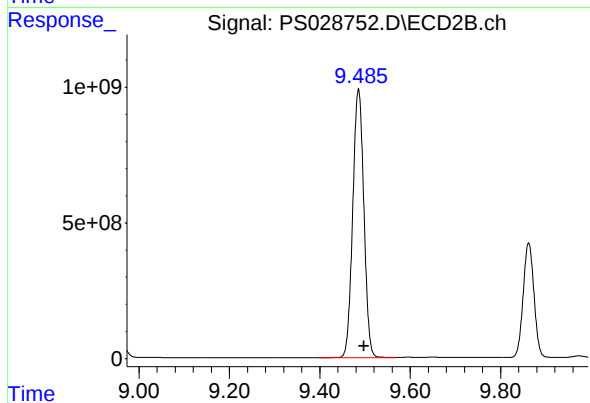
#9 2,4-D

R.T.: 8.959 min  
Delta R.T.: -0.010 min  
Response: 1130173794  
Conc: 668.36 ng/ml



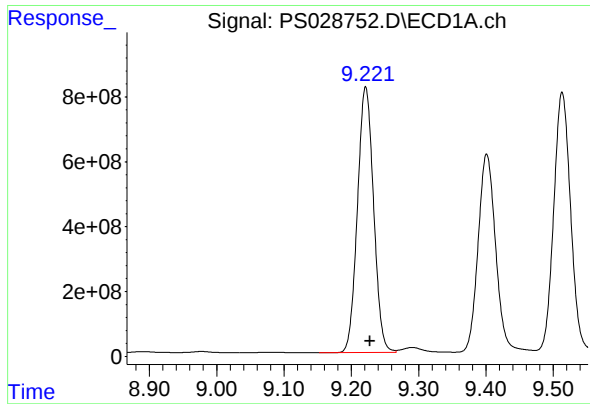
#10 Pentachlorophenol

R.T.: 8.644 min  
Delta R.T.: -0.009 min  
Response: 34277497287  
Conc: 777.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.486 min  
Delta R.T.: -0.012 min  
Response: 16885656194  
Conc: 737.66 ng/ml



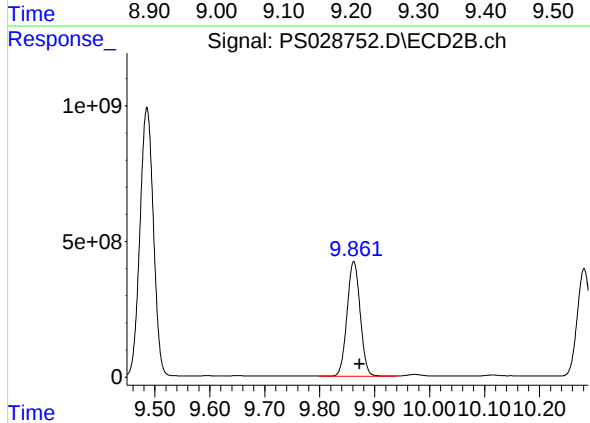
#11 2,4,5-TP (SILVEX)

R.T.: 9.221 min  
Delta R.T.: -0.007 min  
Response: 13644644862  
Conc: 746.43 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

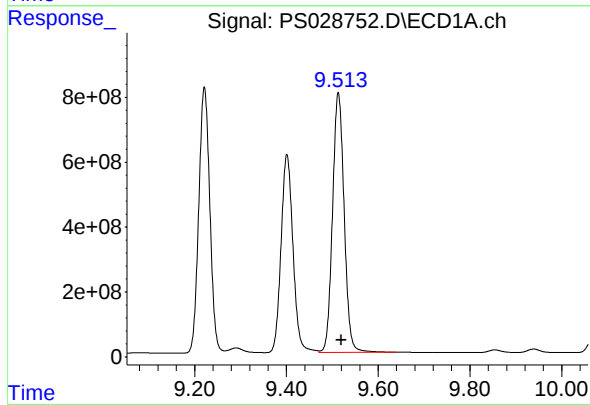
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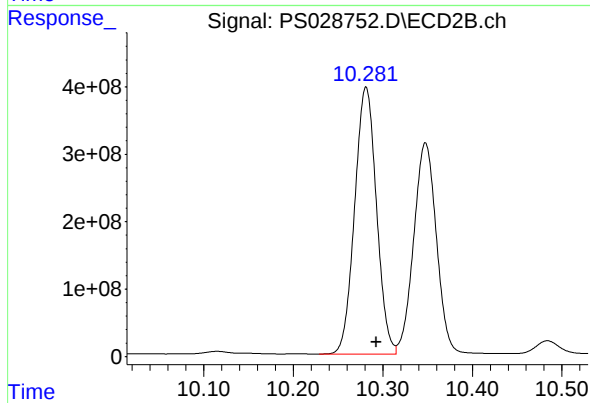
#11 2,4,5-TP (SILVEX)

R.T.: 9.862 min  
Delta R.T.: -0.011 min  
Response: 7007893494  
Conc: 734.39 ng/ml



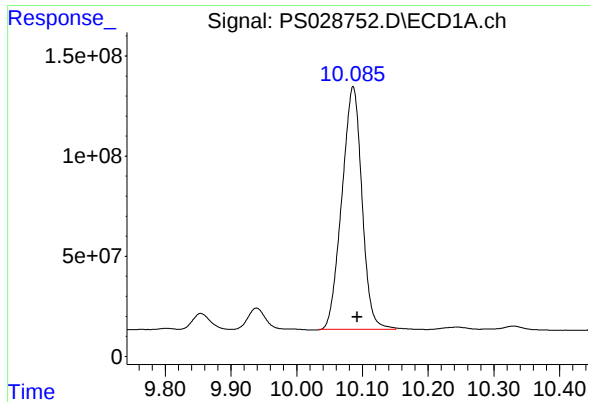
#12 2,4,5-T

R.T.: 9.513 min  
Delta R.T.: -0.006 min  
Response: 14034819298  
Conc: 748.30 ng/ml



#12 2,4,5-T

R.T.: 10.281 min  
Delta R.T.: -0.012 min  
Response: 6713414320  
Conc: 721.07 ng/ml



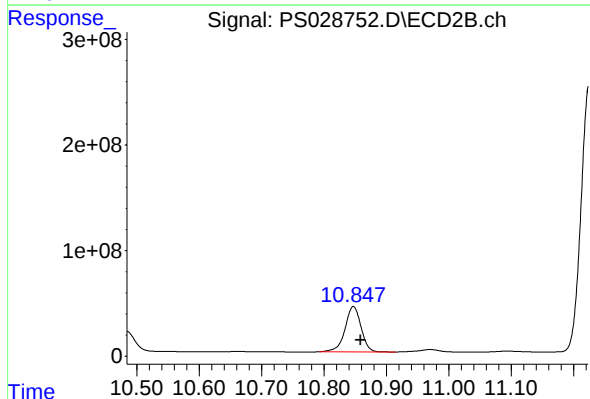
#13 2,4-DB

R.T.: 10.085 min  
Delta R.T.: -0.007 min  
Response: 2572455110  
Conc: 726.33 ng/ml

Instrument :  
ECD\_S  
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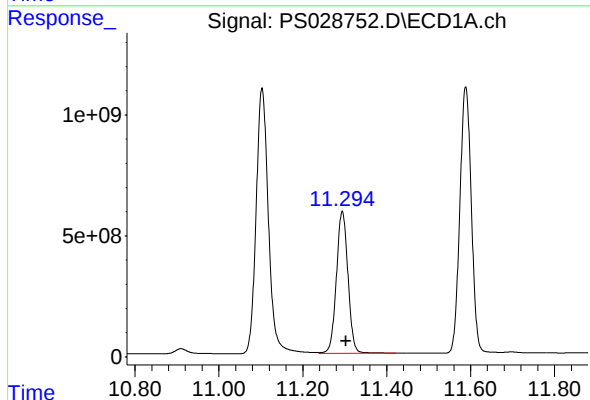
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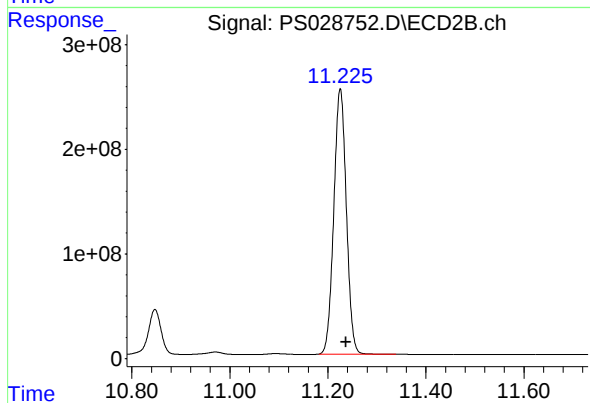
#13 2,4-DB

R.T.: 10.847 min  
Delta R.T.: -0.012 min  
Response: 763909688  
Conc: 666.17 ng/ml



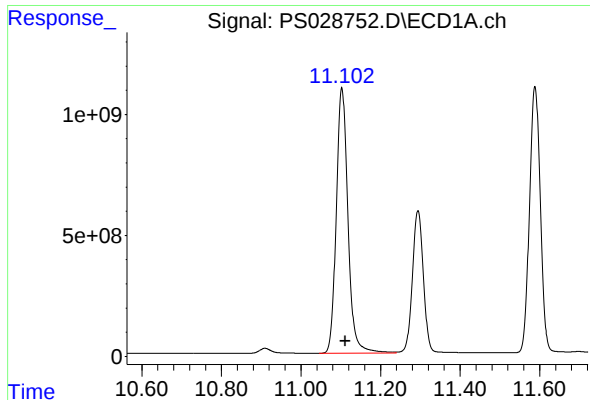
#14 DINOSEB

R.T.: 11.294 min  
Delta R.T.: -0.009 min  
Response: 11214638040  
Conc: 746.34 ng/ml



#14 DINOSEB

R.T.: 11.225 min  
Delta R.T.: -0.012 min  
Response: 4498619891  
Conc: 716.79 ng/ml



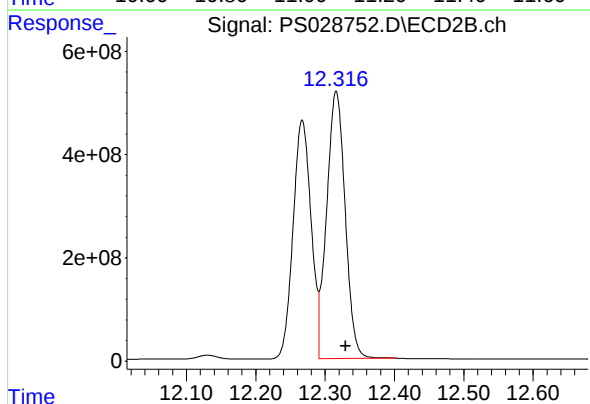
#15 Picloram

R.T.: 11.103 min  
Delta R.T.: -0.009 min  
Response: 22370594047  
Conc: 752.29 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

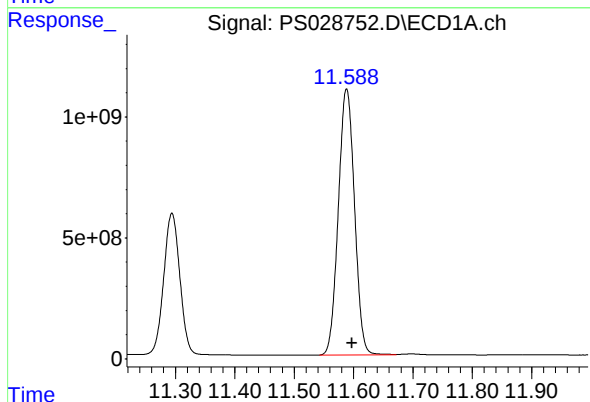
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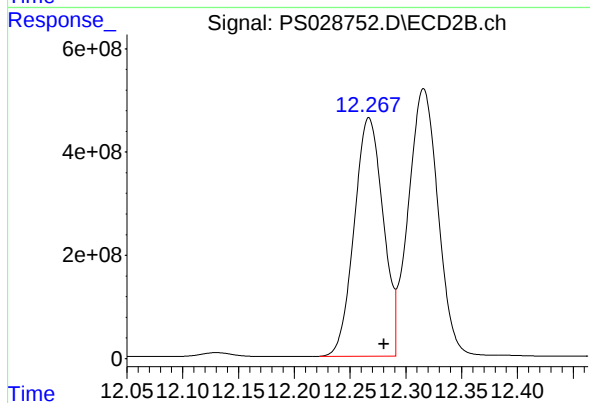
#15 Picloram

R.T.: 12.316 min  
Delta R.T.: -0.014 min  
Response: 9584451687  
Conc: 743.52 ng/ml



#16 DCPA

R.T.: 11.588 min  
Delta R.T.: -0.009 min  
Response: 20846472180  
Conc: 758.19 ng/ml



#16 DCPA

R.T.: 12.267 min  
Delta R.T.: -0.013 min  
Response: 8353867465  
Conc: 752.79 ng/ml