

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS020725\  
 Data File : PS029108.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Feb 2025 23:28  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/10/2025  
 Supervised By : Ankita Jodhani 02/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 10 08:51:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS011425.M  
 Quant Title : 8080.M  
 QLast Update : Tue Feb 04 17:44:08 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     | 7.186  | 7.663  | 2102.8E6  | 779.1E6   | 775.939 | 703.978 |
| Target Compounds            |              |        |        |           |           |         |         |
| 1) T                        | Dalapon      | 2.613  | 2.663  | 2199.8E6  | 1355.8E6  | 736.496 | 667.070 |
| 2) T                        | 3,5-DICHL... | 6.365  | 6.631  | 2854.1E6  | 1072.6E6  | 731.090 | 654.574 |
| 3) T                        | 4-Nitroph... | 6.985  | 7.193  | 1228.6E6  | 601.1E6   | 702.700 | 681.849 |
| 5) T                        | DICAMBA      | 7.371  | 7.859  | 8758.3E6  | 3974.4E6  | 751.284 | 712.358 |
| 6) T                        | MCP          | 7.553  | 7.964  | 550.1E6   | 192.7E6   | 78.949m | 63.599  |
| 7) T                        | MCPA         | 7.702  | 8.205  | 718.0E6   | 263.5E6   | 72.580  | 62.000  |
| 8) T                        | DICHLORPROP  | 8.074  | 8.569  | 2247.6E6  | 970.5E6   | 727.587 | 695.437 |
| 9) T                        | 2,4-D        | 8.303  | 8.896  | 2374.2E6  | 1012.5E6  | 720.102 | 681.619 |
| 10) T                       | Pentachlo... | 8.598  | 9.417  | 35933.0E6 | 17293.5E6 | 791.313 | 758.350 |
| 11) T                       | 2,4,5-TP ... | 9.173  | 9.794  | 13956.7E6 | 6956.6E6  | 748.445 | 744.921 |
| 12) T                       | 2,4,5-T      | 9.465  | 10.210 | 13796.6E6 | 6525.8E6  | 736.977 | 730.709 |
| 13) T                       | 2,4-DB       | 10.034 | 10.775 | 2494.7E6  | 667.8E6   | 714.429 | 671.491 |
| 14) T                       | DINOSEB      | 11.235 | 11.152 | 11294.8E6 | 4323.2E6  | 700.789 | 680.863 |
| 15) T                       | Picloram     | 11.047 | 12.232 | 22234.8E6 | 9471.5E6  | 717.499 | 703.702 |
| 16) T                       | DCPA         | 11.530 | 12.189 | 21077.4E6 | 8795.4E6  | 755.705 | 780.505 |
| -----                       |              |        |        |           |           |         |         |

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

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Acq On : 07 Feb 2025 23:28  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

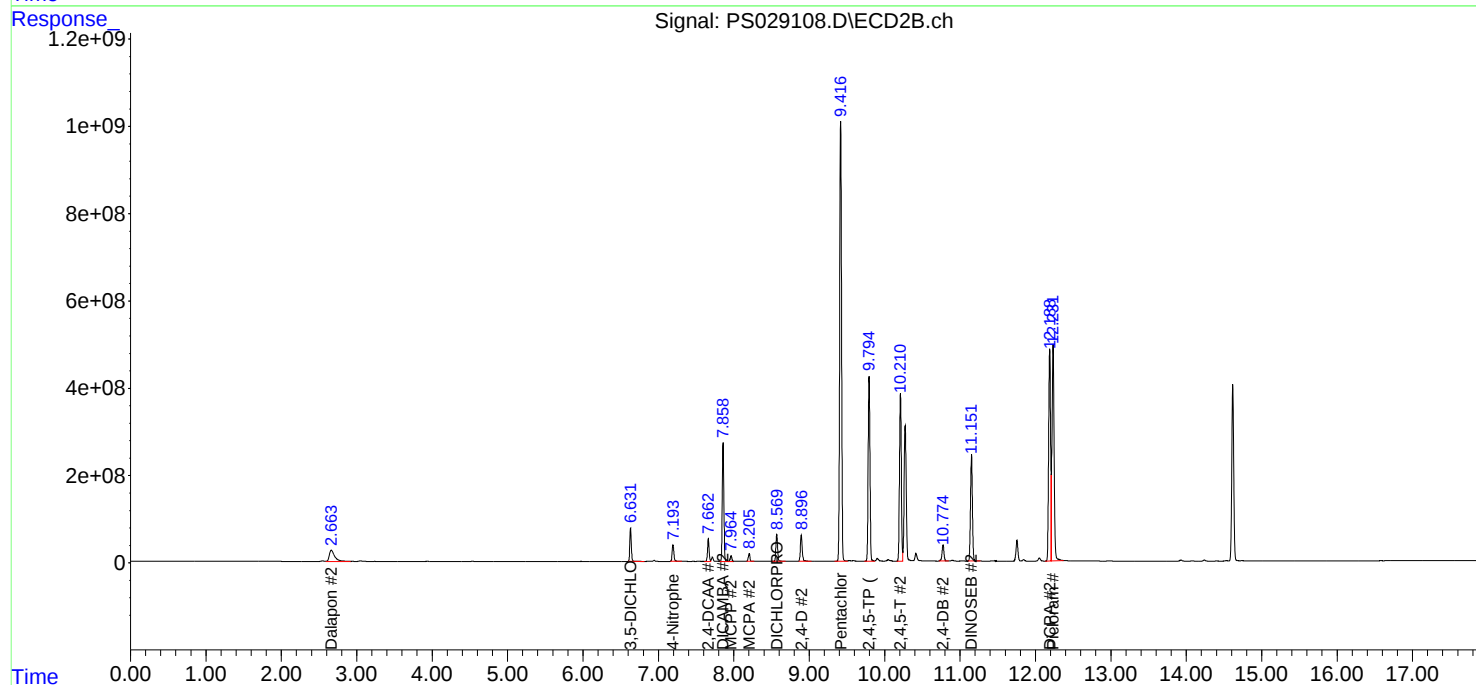
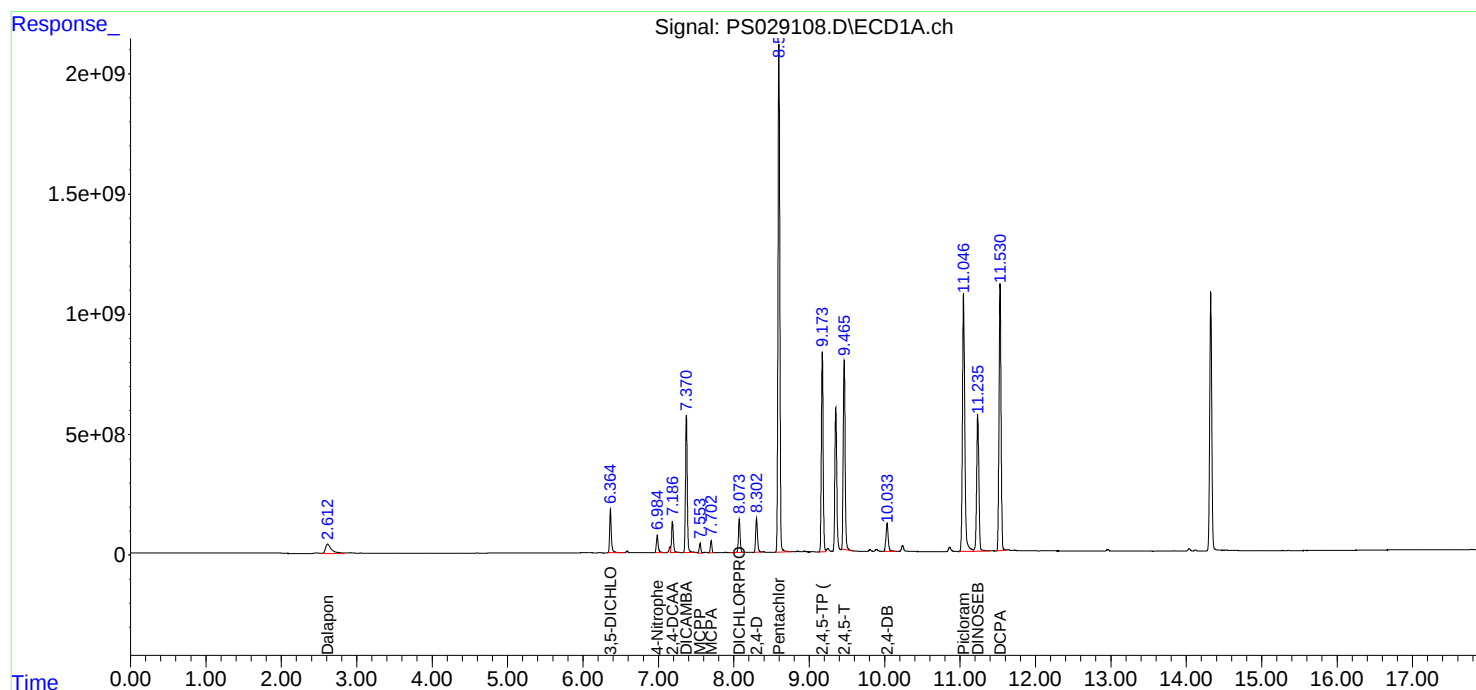
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

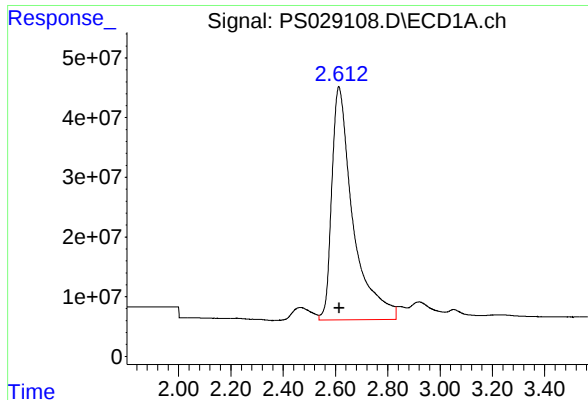
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Title : 8080.M  
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





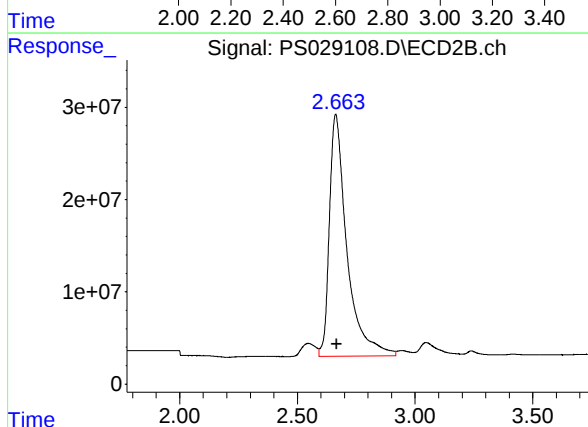
#1 Dalapon

R.T.: 2.613 min  
Delta R.T.: -0.002 min  
Response: 2199771362  
Conc: 736.50 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

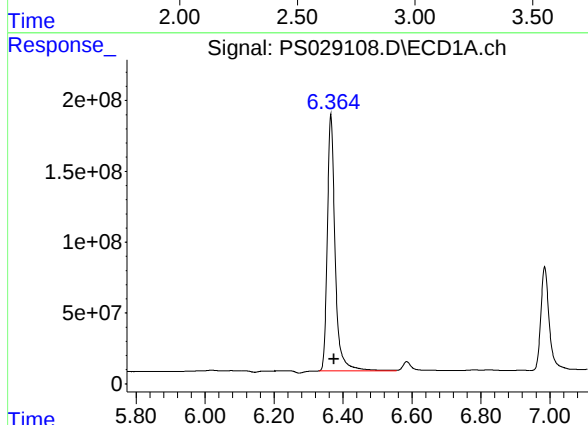
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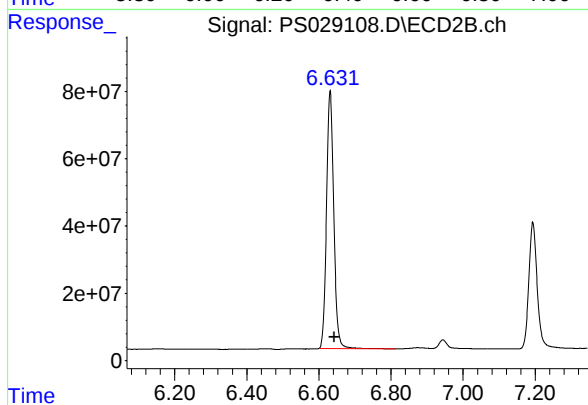
#1 Dalapon

R.T.: 2.663 min  
Delta R.T.: -0.005 min  
Response: 1355793294  
Conc: 667.07 ng/ml



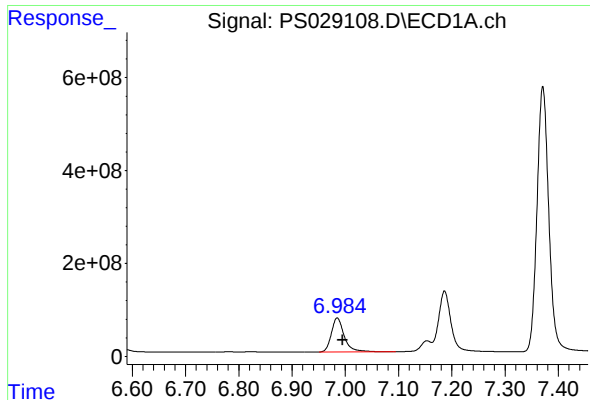
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.365 min  
Delta R.T.: -0.009 min  
Response: 2854118160  
Conc: 731.09 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.631 min  
Delta R.T.: -0.012 min  
Response: 1072605135  
Conc: 654.57 ng/ml



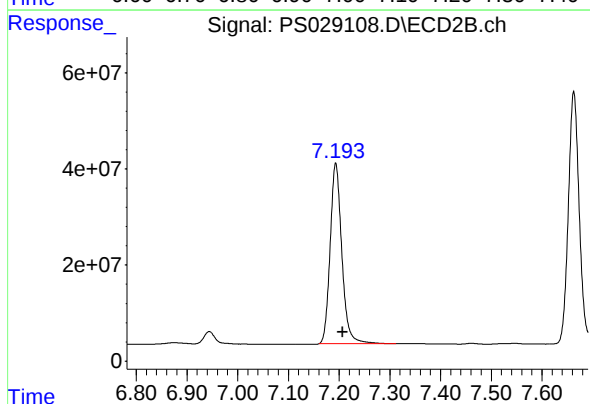
#3 4-Nitrophenol

R.T.: 6.985 min  
Delta R.T.: -0.010 min  
Response: 1228624042  
Conc: 702.70 ng/ml

Instrument :  
ECD\_S  
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HSTDCCC750

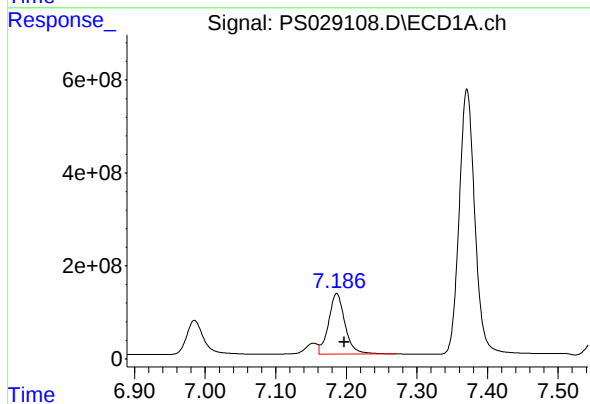
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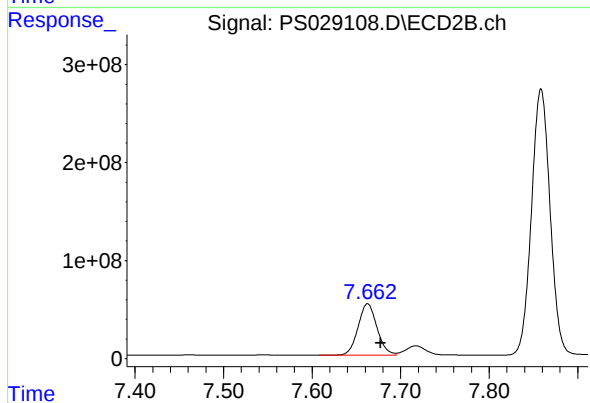
#3 4-Nitrophenol

R.T.: 7.193 min  
Delta R.T.: -0.014 min  
Response: 601136922  
Conc: 681.85 ng/ml



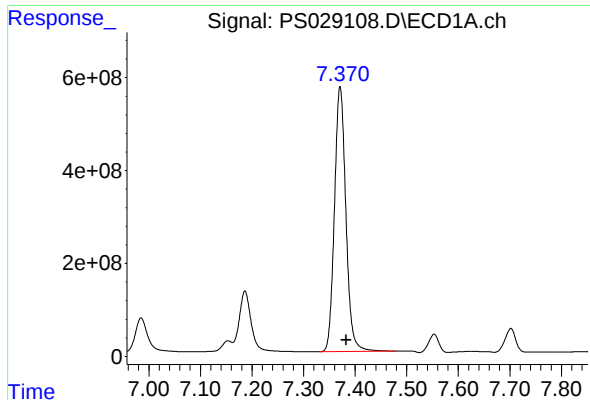
#4 2,4-DCAA

R.T.: 7.186 min  
Delta R.T.: -0.011 min  
Response: 2102764996  
Conc: 775.94 ng/ml



#4 2,4-DCAA

R.T.: 7.663 min  
Delta R.T.: -0.015 min  
Response: 779068741  
Conc: 703.98 ng/ml



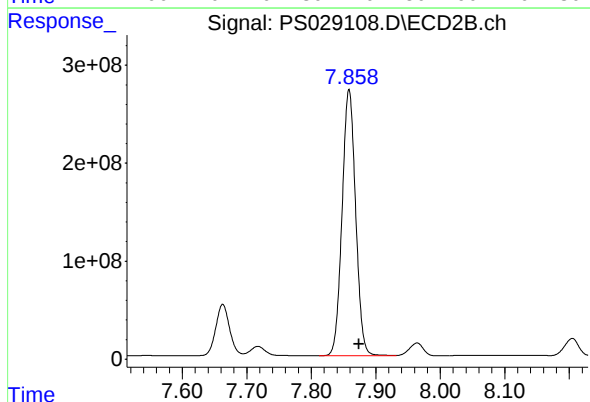
#5 DICAMBA

R.T.: 7.371 min  
Delta R.T.: -0.012 min  
Response: 8758258347  
Conc: 751.28 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

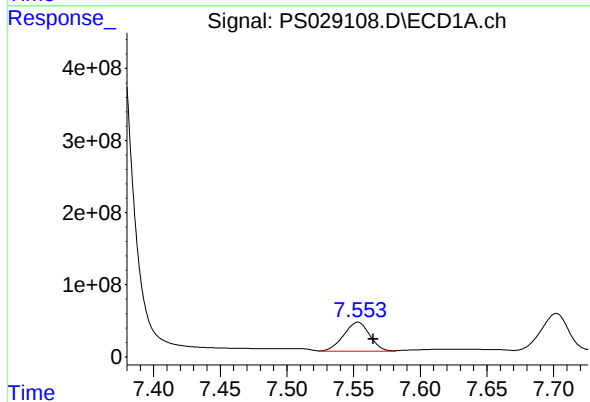
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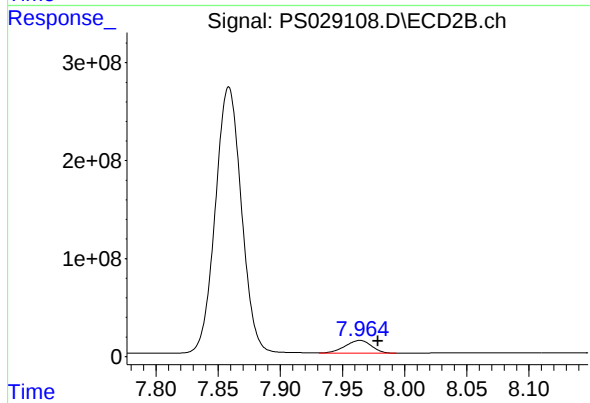
#5 DICAMBA

R.T.: 7.859 min  
Delta R.T.: -0.015 min  
Response: 3974359433  
Conc: 712.36 ng/ml



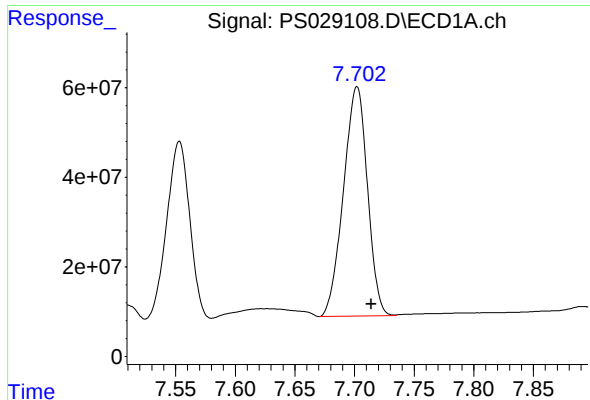
#6 MCP

R.T.: 7.553 min  
Delta R.T.: -0.012 min  
Response: 550128474  
Conc: 78.95 ug/ml m



#6 MCP

R.T.: 7.964 min  
Delta R.T.: -0.014 min  
Response: 192662281  
Conc: 63.60 ug/ml



#7 MCPA

R.T.: 7.702 min  
Delta R.T.: -0.012 min  
Response: 718021768  
Conc: 72.58 ug/ml

Instrument :

ECD\_S

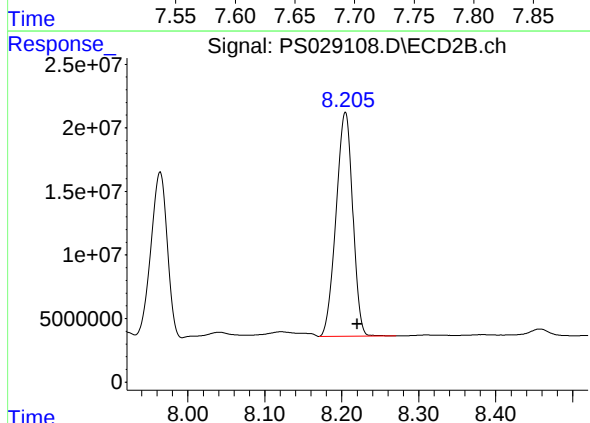
ClientSampleId :

HSTDCCC750

Manual Integrations

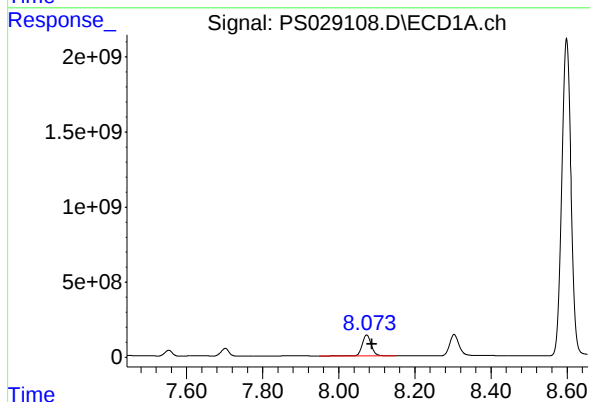
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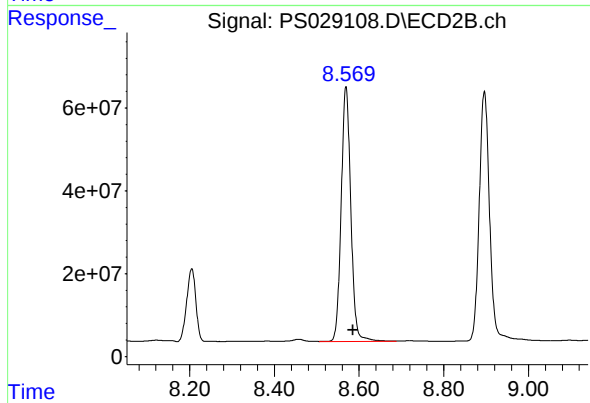
#7 MCPA

R.T.: 8.205 min  
Delta R.T.: -0.015 min  
Response: 263526608  
Conc: 62.00 ug/ml



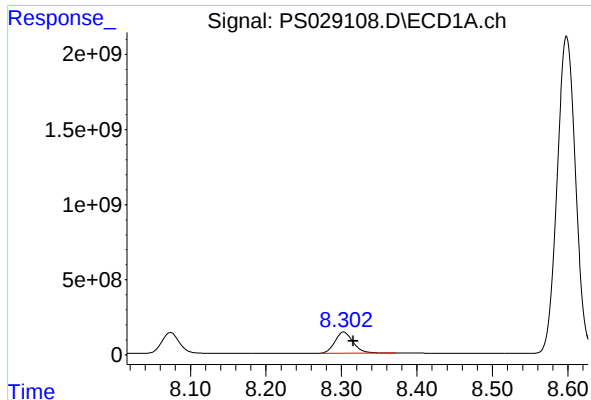
#8 DICHLORPROP

R.T.: 8.074 min  
Delta R.T.: -0.013 min  
Response: 2247595258  
Conc: 727.59 ng/ml



#8 DICHLORPROP

R.T.: 8.569 min  
Delta R.T.: -0.017 min  
Response: 970528279  
Conc: 695.44 ng/ml



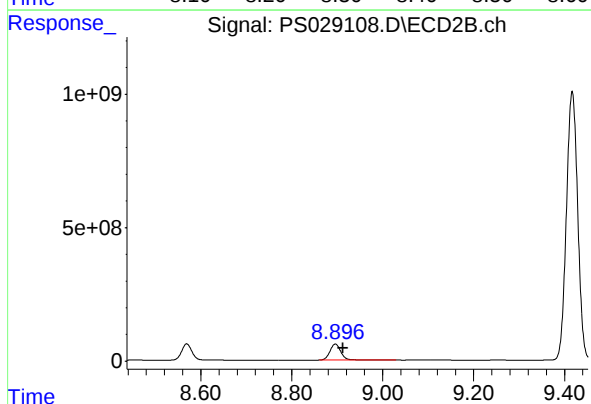
#9 2,4-D

R.T.: 8.303 min  
Delta R.T.: -0.013 min  
Response: 2374220345  
Conc: 720.10 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

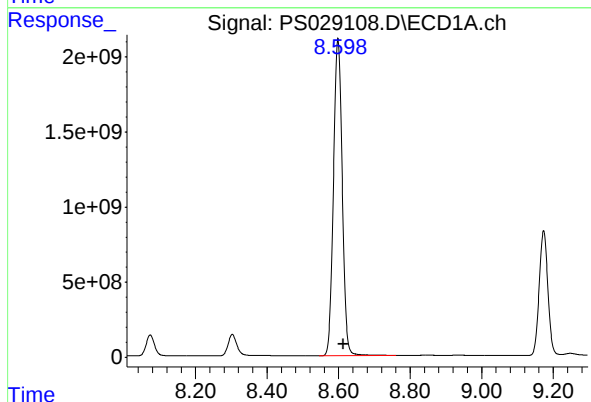
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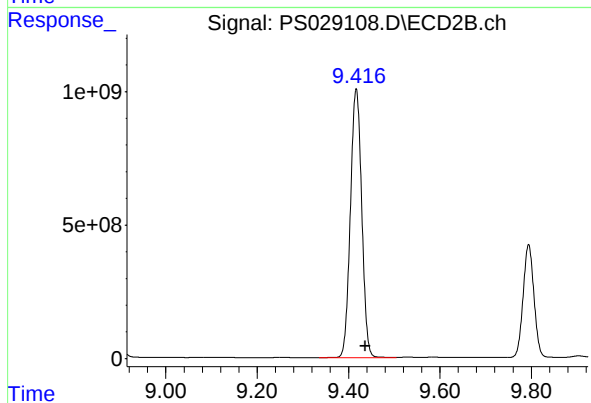
#9 2,4-D

R.T.: 8.896 min  
Delta R.T.: -0.017 min  
Response: 1012520953  
Conc: 681.62 ng/ml



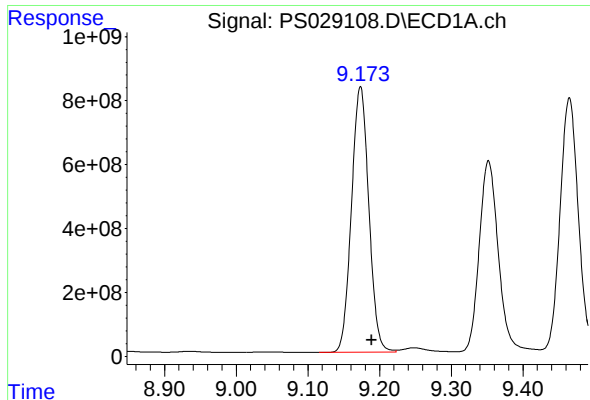
#10 Pentachlorophenol

R.T.: 8.598 min  
Delta R.T.: -0.015 min  
Response: 35933025178  
Conc: 791.31 ng/ml



#10 Pentachlorophenol

R.T.: 9.417 min  
Delta R.T.: -0.020 min  
Response: 17293480206  
Conc: 758.35 ng/ml



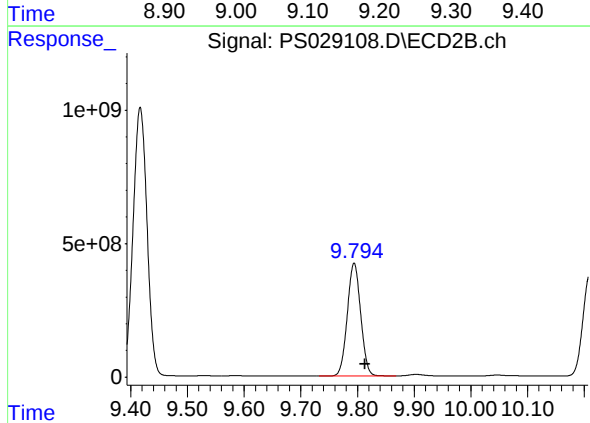
#11 2,4,5-TP (SILVEX)

R.T.: 9.173 min  
Delta R.T.: -0.016 min  
Response: 13956696582  
Conc: 748.44 ng/ml

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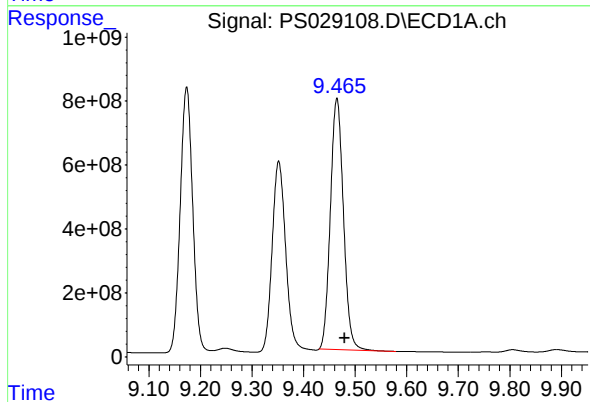
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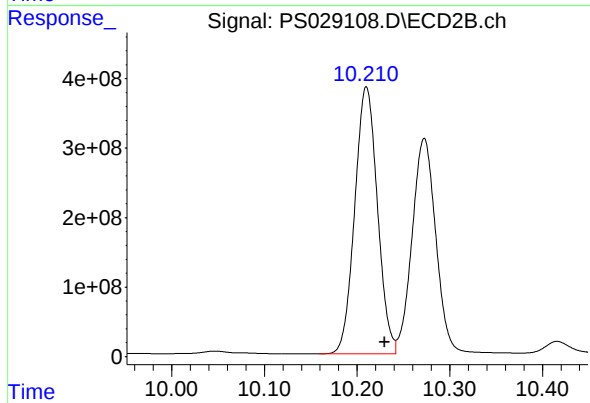
#11 2,4,5-TP (SILVEX)

R.T.: 9.794 min  
Delta R.T.: -0.019 min  
Response: 6956564545  
Conc: 744.92 ng/ml



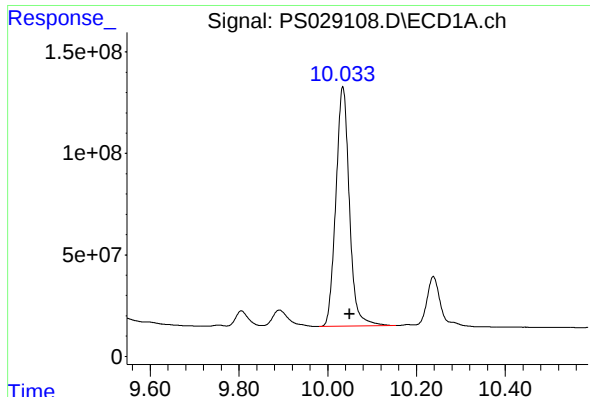
#12 2,4,5-T

R.T.: 9.465 min  
Delta R.T.: -0.015 min  
Response: 13796589366  
Conc: 736.98 ng/ml



#12 2,4,5-T

R.T.: 10.210 min  
Delta R.T.: -0.020 min  
Response: 6525763003  
Conc: 730.71 ng/ml



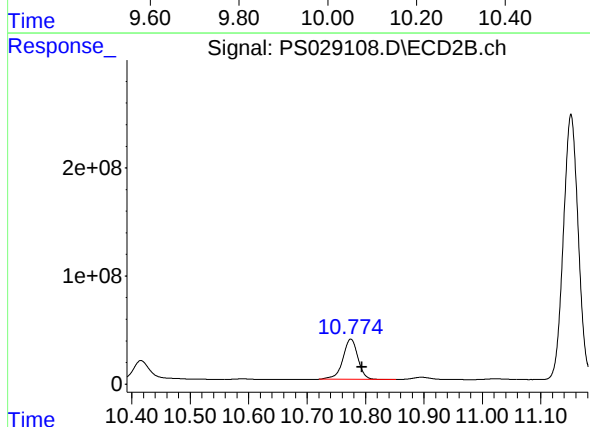
#13 2,4-DB

R.T.: 10.034 min  
Delta R.T.: -0.016 min  
Response: 2494711936  
Conc: 714.43 ng/ml

Instrument :  
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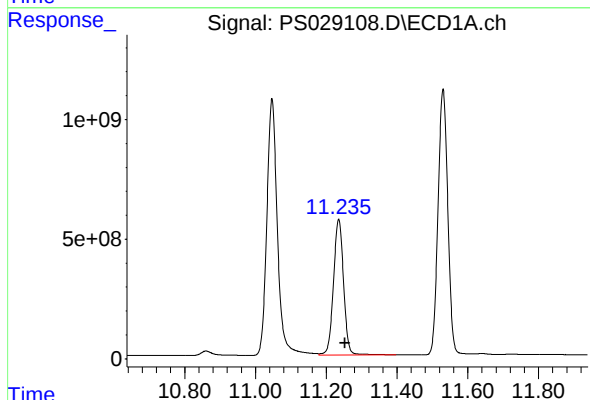
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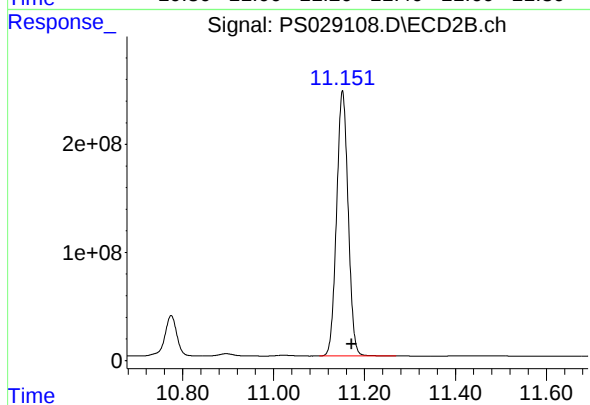
#13 2,4-DB

R.T.: 10.775 min  
Delta R.T.: -0.019 min  
Response: 667839684  
Conc: 671.49 ng/ml



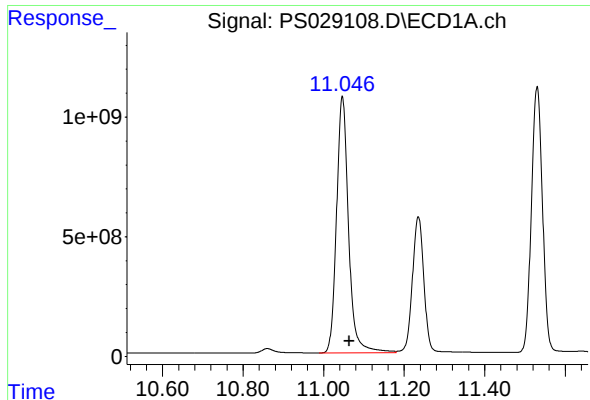
#14 DINOSEB

R.T.: 11.235 min  
Delta R.T.: -0.018 min  
Response: 11294794409  
Conc: 700.79 ng/ml



#14 DINOSEB

R.T.: 11.152 min  
Delta R.T.: -0.020 min  
Response: 4323240565  
Conc: 680.86 ng/ml



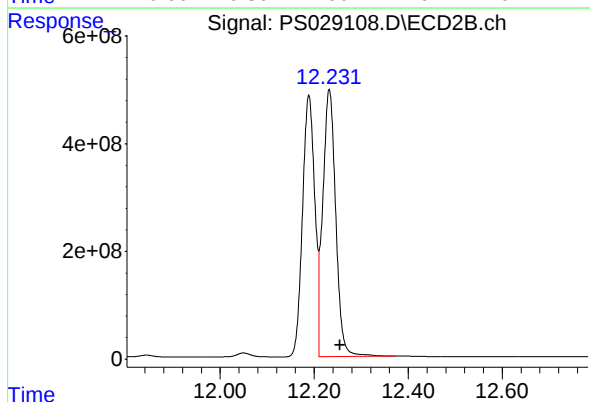
#15 Picloram

R.T.: 11.047 min  
Delta R.T.: -0.017 min  
Response: 22234771671  
Conc: 717.50 ng/ml

Instrument :  
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HSTDCCC750

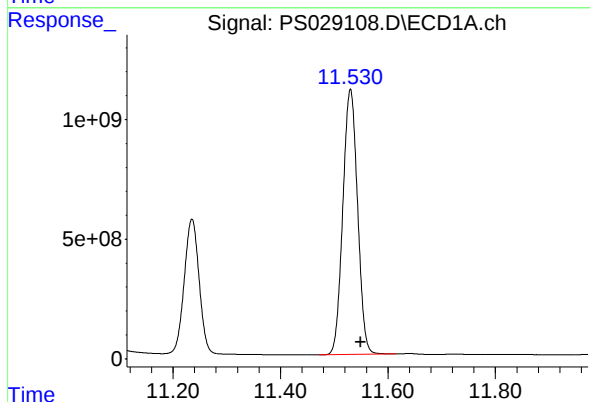
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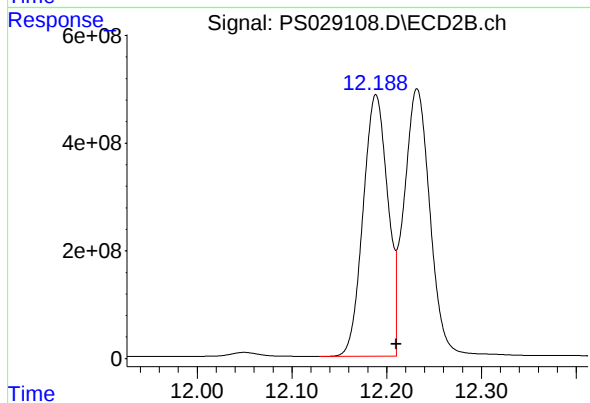
#15 Picloram

R.T.: 12.232 min  
Delta R.T.: -0.023 min  
Response: 9471501986  
Conc: 703.70 ng/ml



#16 DCPA

R.T.: 11.530 min  
Delta R.T.: -0.019 min  
Response: 21077407308  
Conc: 755.70 ng/ml



#16 DCPA

R.T.: 12.189 min  
Delta R.T.: -0.022 min  
Response: 8795375603  
Conc: 780.50 ng/ml