

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS031125\  
 Data File : PS029374.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:55  
 Operator : AR\AJ  
 Sample : PB167073BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB167073BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/12/2025  
 Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 04:35:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS022125.M  
 Quant Title : 8080.M  
 QLast Update : Sat Feb 22 01:02:20 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     | 7.159  | 7.623  | 2312.2E6  | 469.4E6   | 561.130  | 499.236  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.603  | 2.646  | 2764.0E6  | 996.8E6   | 500.697  | 470.850  |
| 2) T                        | 3,5-DICHL... | 6.341  | 6.598  | 3071.2E6  | 662.3E6   | 524.897  | 467.653  |
| 3) T                        | 4-Nitroph... | 6.960  | 7.156  | 1101.1E6  | 350.4E6   | 470.511m | 439.319  |
| 5) T                        | DICAMBA      | 7.340  | 7.816  | 9342.3E6  | 2461.1E6  | 537.965  | 477.616  |
| 6) T                        | MCP          | 7.519  | 7.920  | 620.1E6   | 109.0E6   | 50.313   | 46.592   |
| 7) T                        | MCPA         | 7.667  | 8.159  | 848.8E6   | 149.1E6   | 50.090   | 46.759   |
| 8) T                        | DICHLORPROP  | 8.040  | 8.526  | 2428.1E6  | 618.2E6   | 528.250  | 483.425  |
| 9) T                        | 2,4-D        | 8.271  | 8.852  | 2466.9E6  | 610.6E6   | 519.299  | 480.859  |
| 10) T                       | Pentachlo... | 8.562  | 9.367  | 35774.6E6 | 11799.2E6 | 613.038  | 512.727  |
| 11) T                       | 2,4,5-TP ... | 9.136  | 9.745  | 13587.6E6 | 4554.6E6  | 552.634  | 504.011  |
| 12) T                       | 2,4,5-T      | 9.427  | 10.159 | 13906.8E6 | 4007.8E6  | 545.608  | 488.147  |
| 13) T                       | 2,4-DB       | 9.998  | 10.722 | 2042.2E6  | 310.4E6   | 489.093  | 405.490  |
| 14) T                       | DINOSEB      | 11.189 | 11.097 | 8925.7E6  | 2916.0E6  | 536.697m | 481.061m |
| 15) T                       | Picloram     | 11.007 | 12.172 | 14313.4E6 | 4912.3E6  | 468.623  | 424.853  |
| 16) T                       | DCPA         | 11.487 | 12.131 | 16647.7E6 | 5993.2E6  | 554.860  | 506.331  |
| -----                       |              |        |        |           |           |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS031125\  
Data File : PS029374.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:55  
Operator : AR\AJ  
Sample : PB167073BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

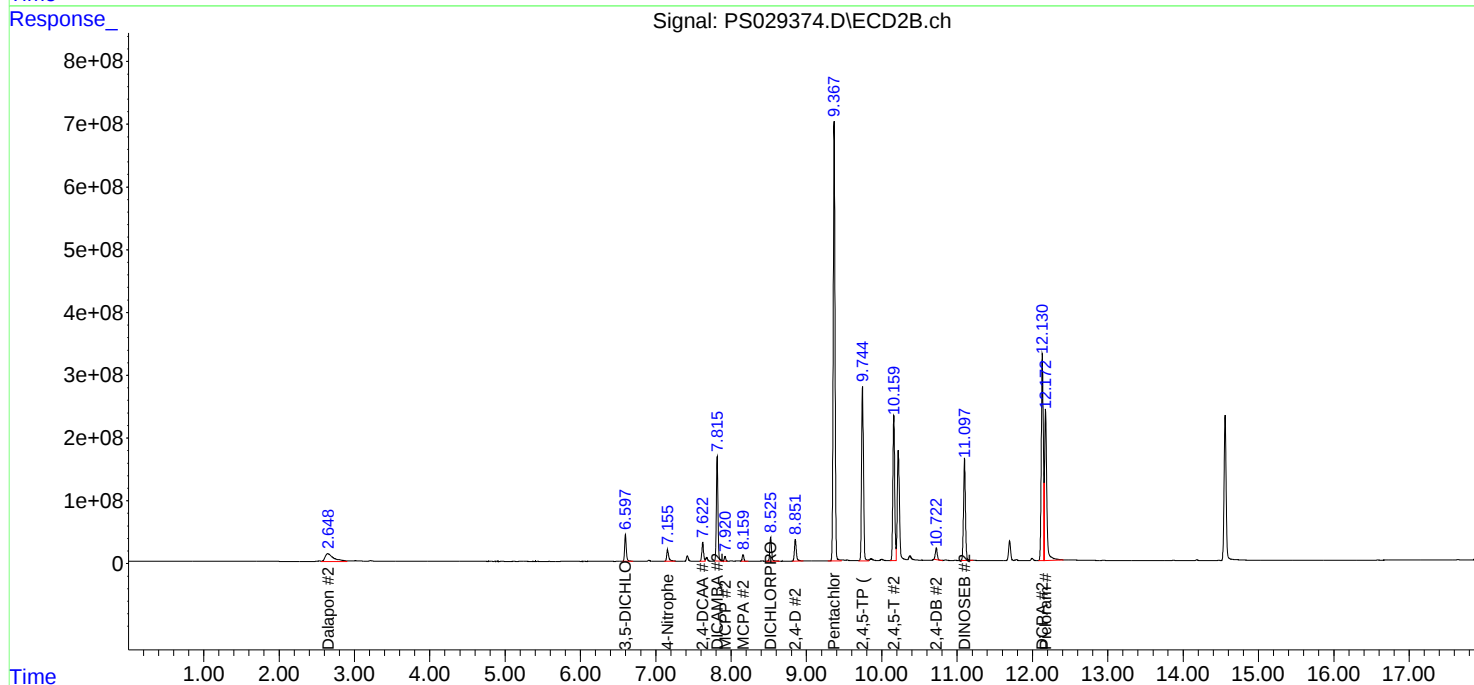
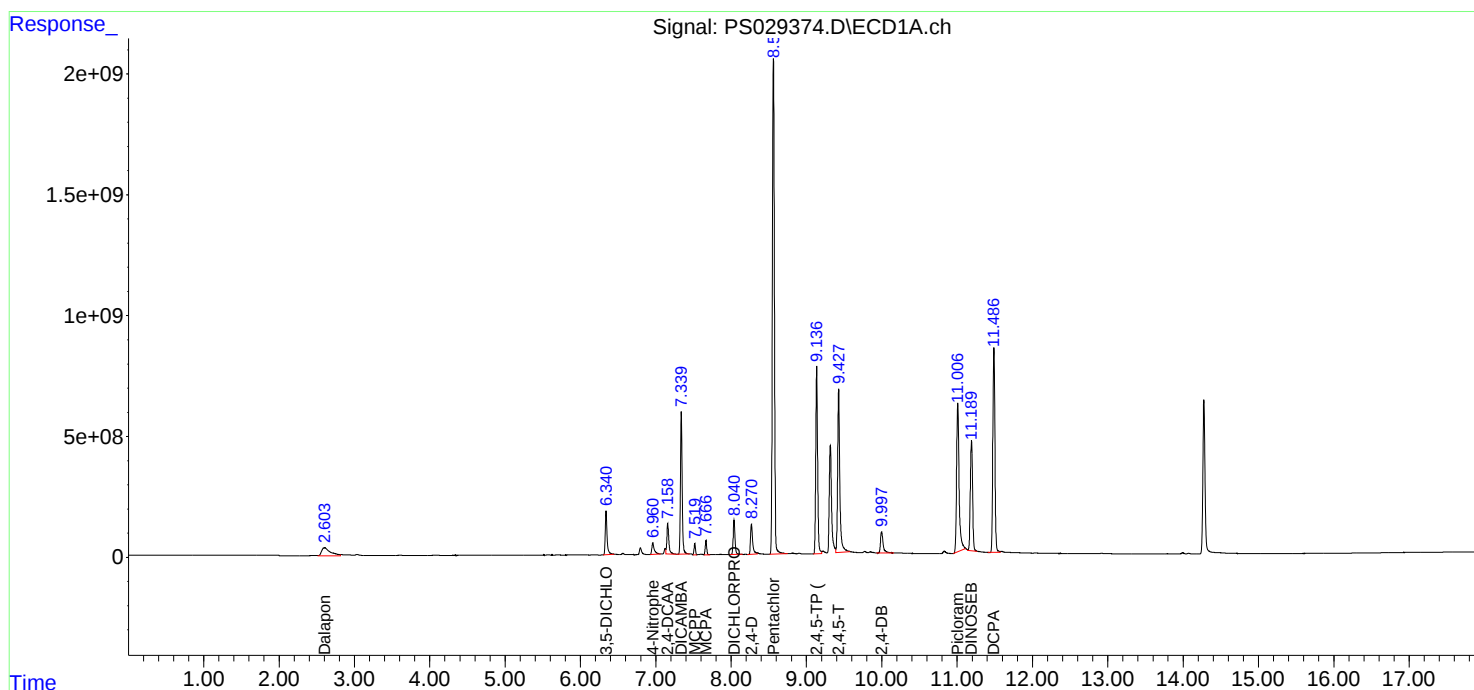
Instrument :  
ECD\_S  
ClientSampleId :  
PB167073BS

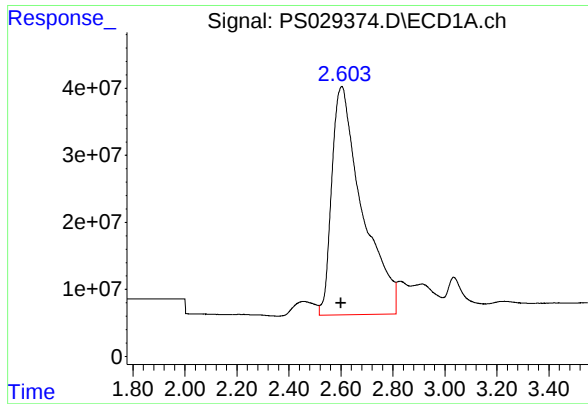
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 04:35:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS022125.M  
Quant Title : 8080.M  
QLast Update : Sat Feb 22 01:02:20 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





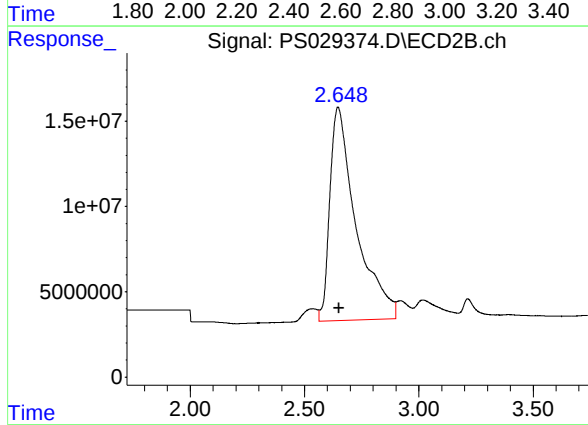
#1 Dalapon

R.T.: 2.603 min  
Delta R.T.: 0.003 min  
Response: 2763992486  
Conc: 500.70 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167073BS

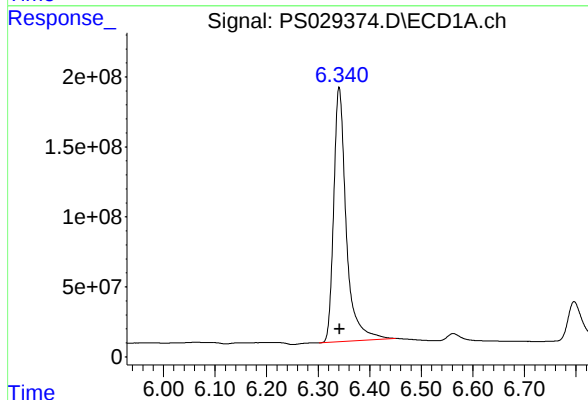
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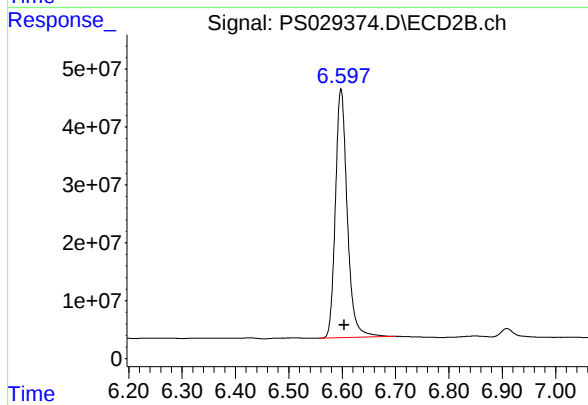
#1 Dalapon

R.T.: 2.646 min  
Delta R.T.: -0.004 min  
Response: 996846143  
Conc: 470.85 ng/ml



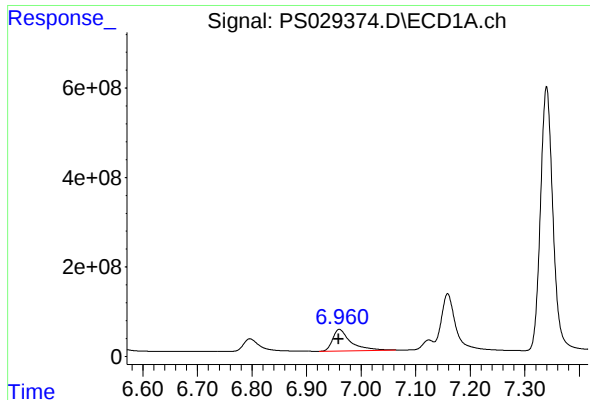
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.341 min  
Delta R.T.: 0.000 min  
Response: 3071235679  
Conc: 524.90 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.598 min  
Delta R.T.: -0.006 min  
Response: 662250820  
Conc: 467.65 ng/ml



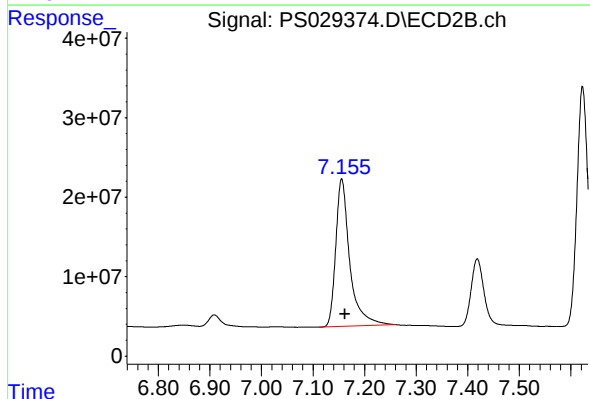
#3 4-Nitrophenol

R.T.: 6.960 min  
Delta R.T.: 0.001 min  
Response: 1101082767  
Conc: 470.51 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167073BS

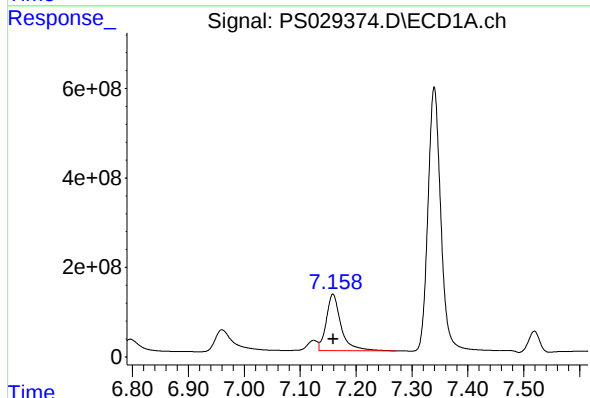
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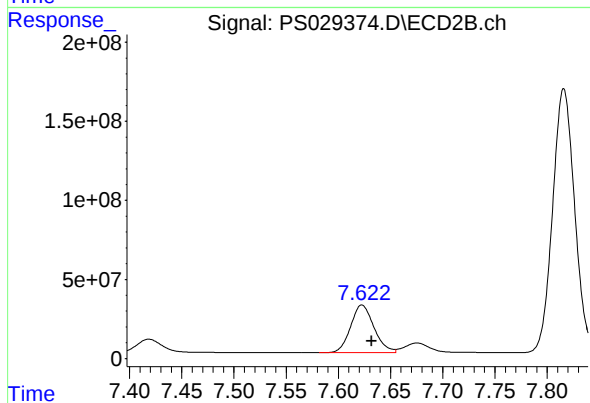
#3 4-Nitrophenol

R.T.: 7.156 min  
Delta R.T.: -0.006 min  
Response: 350378324  
Conc: 439.32 ng/ml



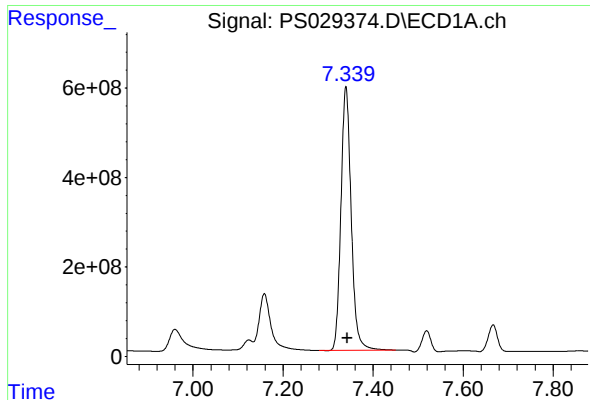
#4 2,4-DCAA

R.T.: 7.159 min  
Delta R.T.: -0.001 min  
Response: 2312181908  
Conc: 561.13 ng/ml



#4 2,4-DCAA

R.T.: 7.623 min  
Delta R.T.: -0.009 min  
Response: 469448350  
Conc: 499.24 ng/ml



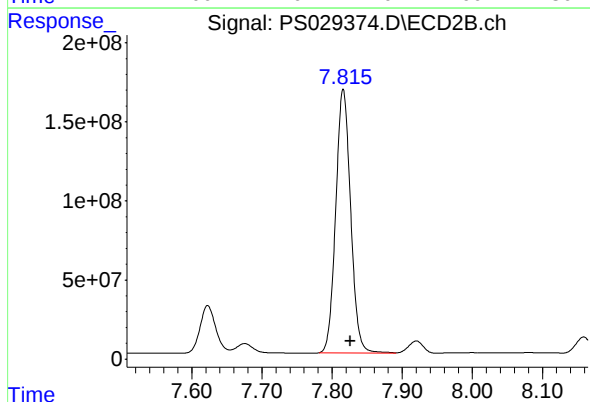
#5 DICAMBA

R.T.: 7.340 min  
Delta R.T.: -0.003 min  
Response: 9342274154  
Conc: 537.96 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167073BS

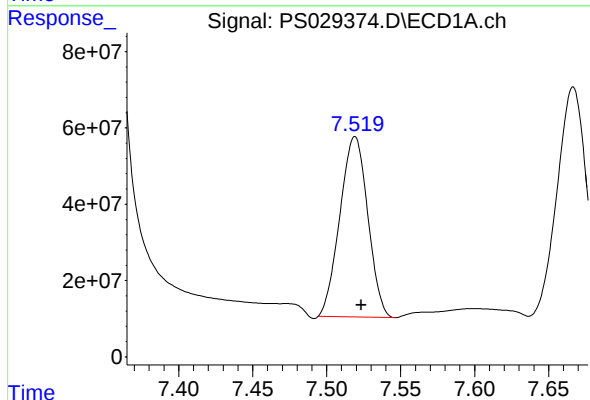
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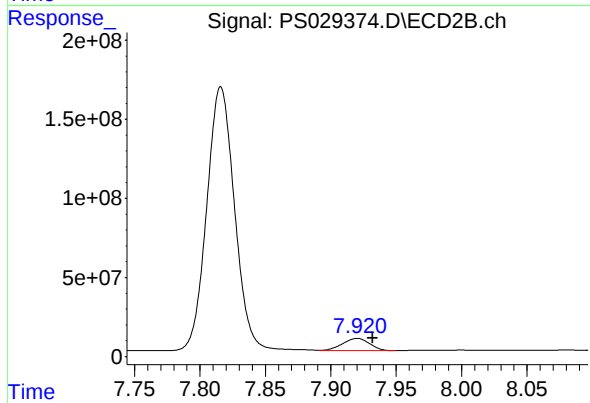
#5 DICAMBA

R.T.: 7.816 min  
Delta R.T.: -0.010 min  
Response: 2461143280  
Conc: 477.62 ng/ml



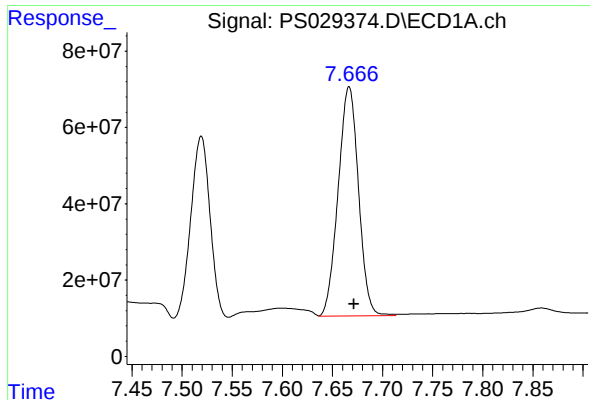
#6 MCPP

R.T.: 7.519 min  
Delta R.T.: -0.004 min  
Response: 620147241  
Conc: 50.31 ug/ml



#6 MCPP

R.T.: 7.920 min  
Delta R.T.: -0.012 min  
Response: 108985484  
Conc: 46.59 ug/ml



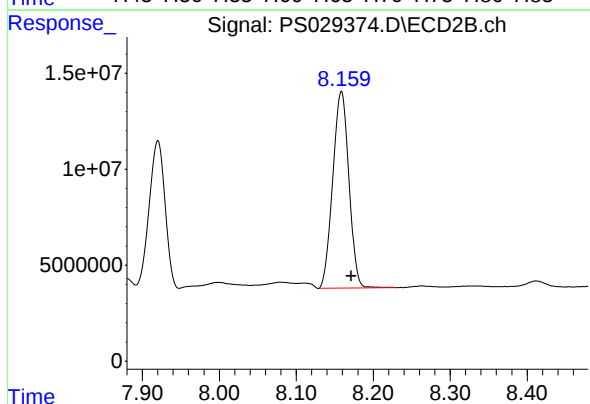
#7 MCPA

R.T.: 7.667 min  
Delta R.T.: -0.005 min  
Response: 848789125  
Conc: 50.09 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167073BS

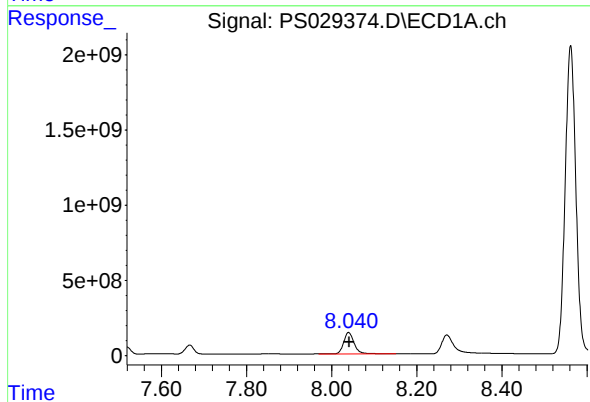
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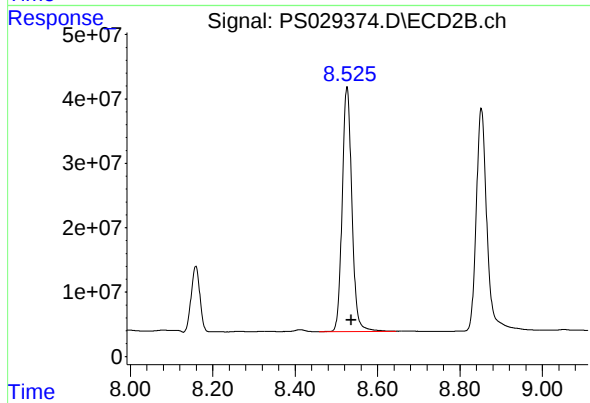
#7 MCPA

R.T.: 8.159 min  
Delta R.T.: -0.013 min  
Response: 149146282  
Conc: 46.76 ug/ml



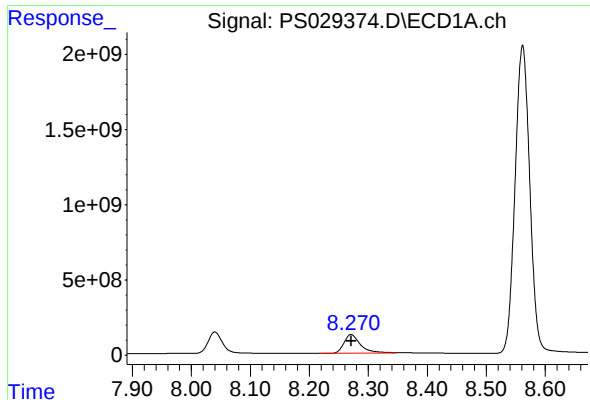
#8 DICHLORPROP

R.T.: 8.040 min  
Delta R.T.: -0.002 min  
Response: 2428078344  
Conc: 528.25 ng/ml



#8 DICHLORPROP

R.T.: 8.526 min  
Delta R.T.: -0.010 min  
Response: 618184885  
Conc: 483.43 ng/ml



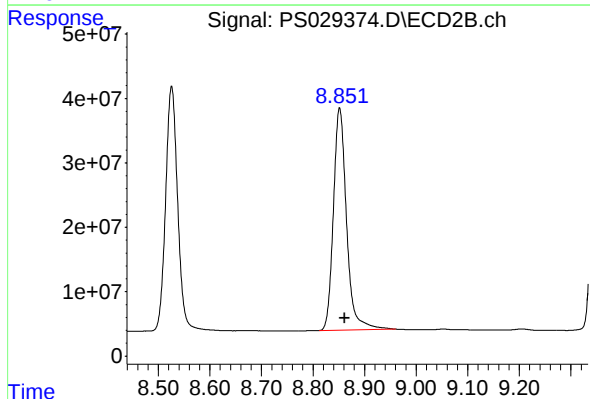
#9 2,4-D

R.T.: 8.271 min  
Delta R.T.: 0.000 min  
Response: 2466893238  
Conc: 519.30 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB167073BS

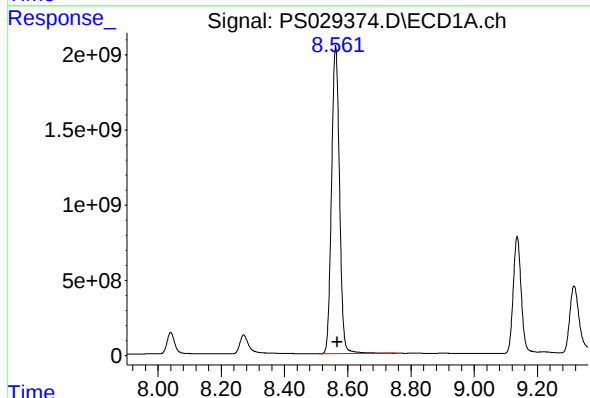
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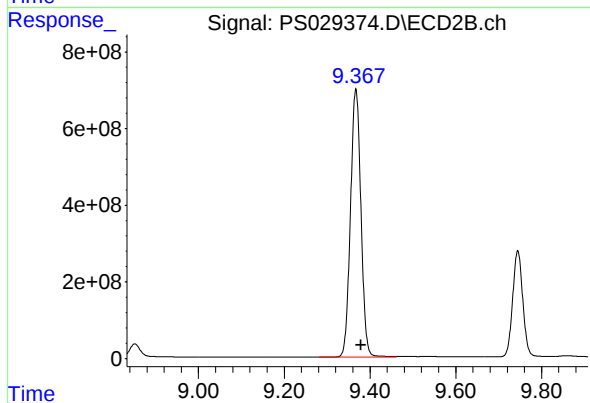
#9 2,4-D

R.T.: 8.852 min  
Delta R.T.: -0.010 min  
Response: 610640733  
Conc: 480.86 ng/ml



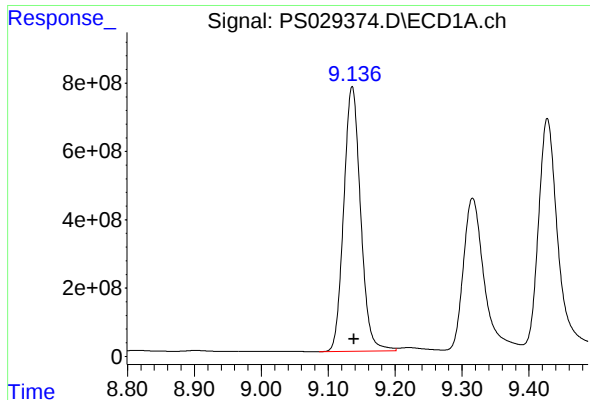
#10 Pentachlorophenol

R.T.: 8.562 min  
Delta R.T.: -0.005 min  
Response: 35774580918  
Conc: 613.04 ng/ml



#10 Pentachlorophenol

R.T.: 9.367 min  
Delta R.T.: -0.012 min  
Response: 11799226706  
Conc: 512.73 ng/ml



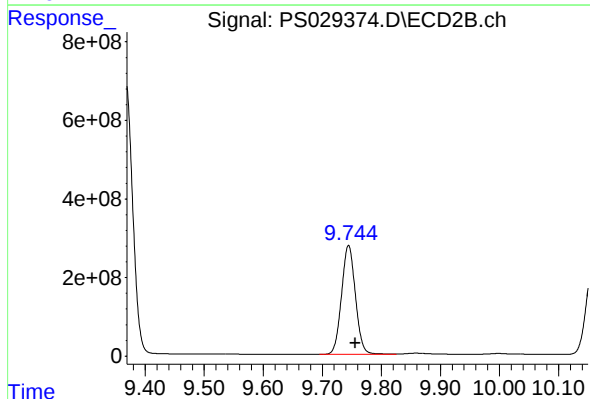
#11 2,4,5-TP (SILVEX)

R.T.: 9.136 min  
Delta R.T.: -0.003 min  
Response: 13587577927  
Conc: 552.63 ng/ml

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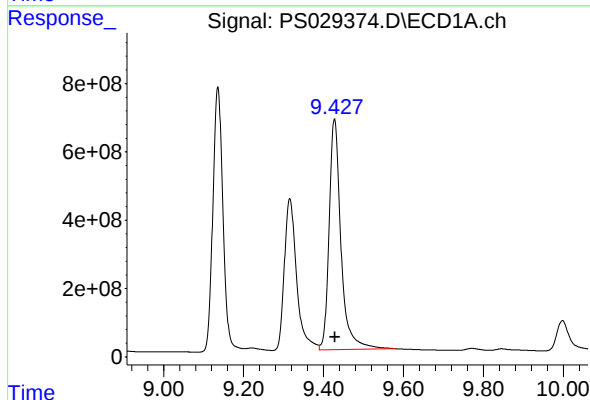
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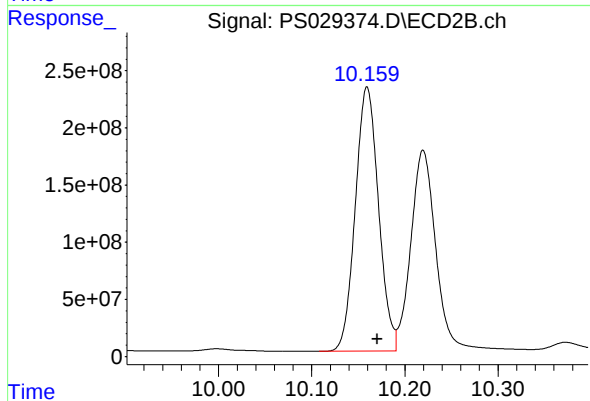
#11 2,4,5-TP (SILVEX)

R.T.: 9.745 min  
Delta R.T.: -0.011 min  
Response: 4554600747  
Conc: 504.01 ng/ml



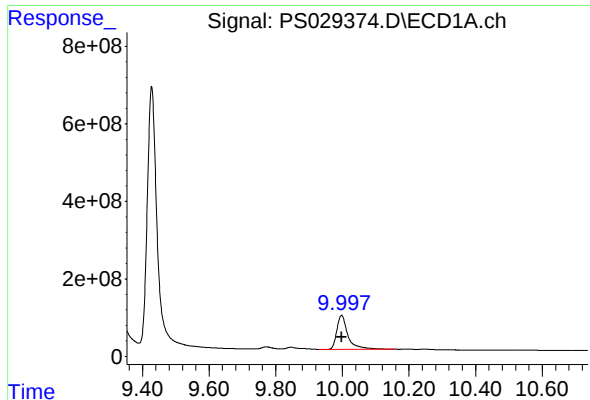
#12 2,4,5-T

R.T.: 9.427 min  
Delta R.T.: -0.002 min  
Response: 13906839774  
Conc: 545.61 ng/ml



#12 2,4,5-T

R.T.: 10.159 min  
Delta R.T.: -0.011 min  
Response: 4007828269  
Conc: 488.15 ng/ml



#13 2,4-DB

R.T.: 9.998 min  
Delta R.T.: 0.000 min  
Response: 2042173323  
Conc: 489.09 ng/ml

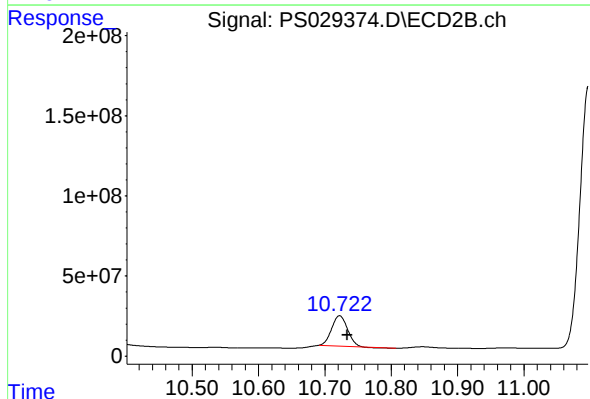
Instrument :

ECD\_S

ClientSampleId :  
PB167073BS

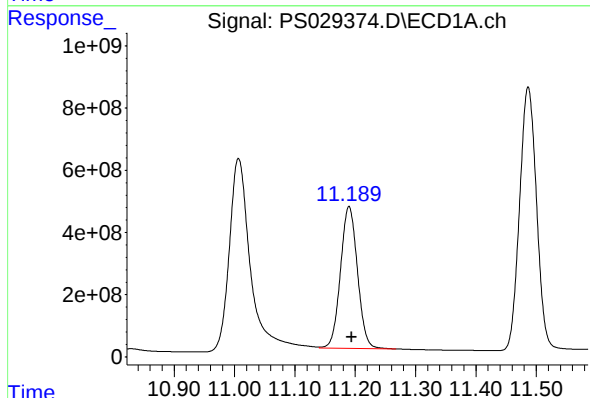
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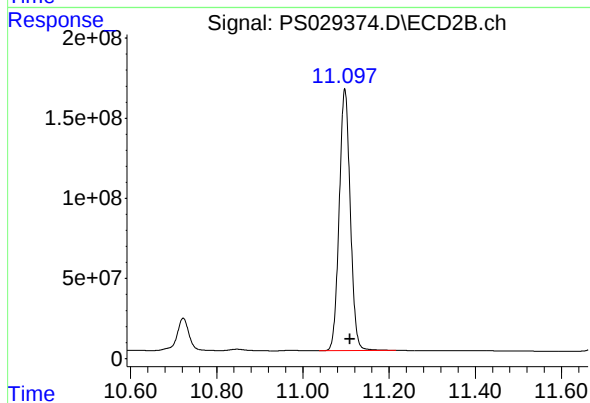
#13 2,4-DB

R.T.: 10.722 min  
Delta R.T.: -0.011 min  
Response: 310439682  
Conc: 405.49 ng/ml



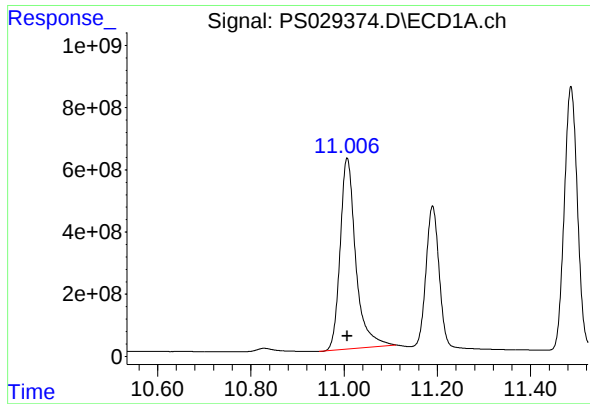
#14 DINOSEB

R.T.: 11.189 min  
Delta R.T.: -0.005 min  
Response: 8925714492  
Conc: 536.70 ng/ml m



#14 DINOSEB

R.T.: 11.097 min  
Delta R.T.: -0.012 min  
Response: 2915961348  
Conc: 481.06 ng/ml m



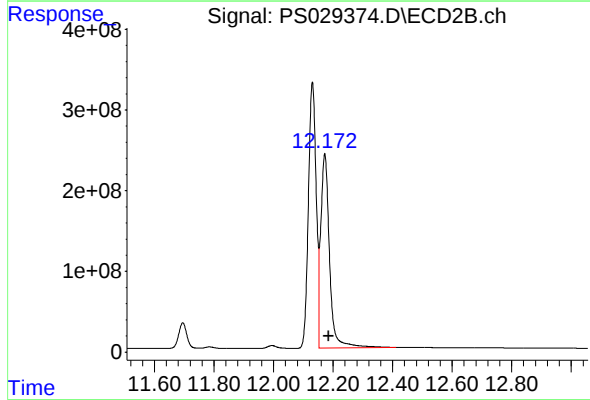
#15 Picloram

R.T.: 11.007 min  
Delta R.T.: 0.000 min  
Response: 14313381099  
Conc: 468.62 ng/ml

Instrument :  
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ClientSampleId :  
PB167073BS

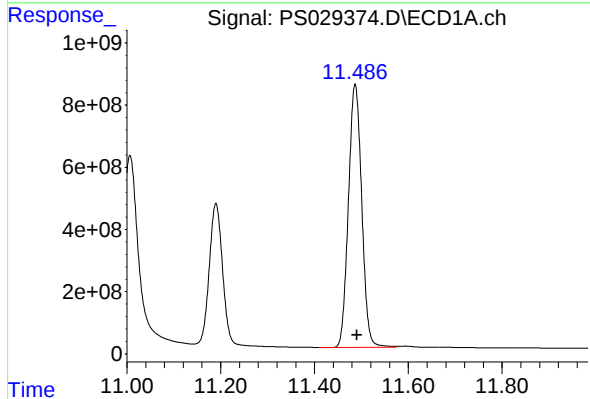
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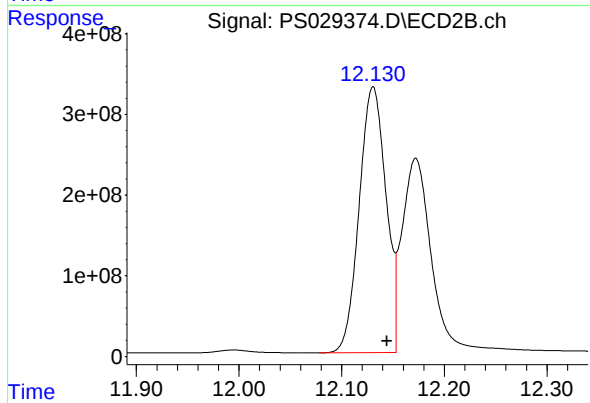
#15 Picloram

R.T.: 12.172 min  
Delta R.T.: -0.013 min  
Response: 4912338305  
Conc: 424.85 ng/ml



#16 DCPA

R.T.: 11.487 min  
Delta R.T.: -0.003 min  
Response: 16647728716  
Conc: 554.86 ng/ml



#16 DCPA

R.T.: 12.131 min  
Delta R.T.: -0.013 min  
Response: 5993213328  
Conc: 506.33 ng/ml