

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS060425\  
 Data File : PS030514.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2025 03:41  
 Operator : AR\AJ  
 Sample : PB168254BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB168254BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025  
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 05:33:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS060425.M  
 Quant Title : 8080.M  
 QLast Update : Wed Jun 04 13:21:22 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     | 7.363  | 7.771  | 1917.1E6  | 539.6E6   | 507.825m | 501.682  |
| Target Compounds            |              |        |        |           |           |          |          |
| 1) T                        | Dalapon      | 2.713  | 2.712  | 2575.5E6  | 1215.8E6  | 456.093  | 443.712  |
| 2) T                        | 3,5-DICHL... | 6.520  | 6.715  | 2633.6E6  | 737.5E6   | 485.335  | 471.471  |
| 3) T                        | 4-Nitroph... | 7.162  | 7.301  | 854.7E6   | 716.5E6   | 466.096  | 457.163  |
| 5) T                        | DICAMBA      | 7.555  | 7.975  | 7510.3E6  | 3048.2E6  | 486.971  | 473.206  |
| 6) T                        | MCPD         | 7.736  | 8.073  | 417.0E6   | 107.5E6   | 42.101   | 46.495   |
| 7) T                        | MCPA         | 7.887  | 8.322  | 570.6E6   | 148.0E6   | 44.968   | 47.971m  |
| 8) T                        | DICHLORPROP  | 8.272  | 8.695  | 1751.3E6  | 704.8E6   | 481.374  | 474.893  |
| 9) T                        | 2,4-D        | 8.504  | 9.031  | 1746.2E6  | 770.9E6   | 479.248  | 490.288  |
| 10) T                       | Pentachlo... | 8.813  | 9.558  | 27296.4E6 | 17991.6E6 | 537.476  | 497.857  |
| 11) T                       | 2,4,5-TP ... | 9.396  | 9.938  | 10291.7E6 | 6657.5E6  | 498.023  | 485.356  |
| 12) T                       | 2,4,5-T      | 9.689  | 10.364 | 8859.1E6  | 6307.7E6  | 480.663  | 483.082  |
| 13) T                       | 2,4-DB       | 10.269 | 10.932 | 1399.8E6  | 545.0E6   | 461.005  | 474.085  |
| 14) T                       | DINOSEB      | 11.492 | 11.317 | 7035.5E6  | 4758.3E6  | 489.428  | 473.460  |
| 15) T                       | Picloram     | 11.298 | 12.424 | 8717.7E6  | 10022.9E6 | 435.781m | 453.858m |
| 16) T                       | DCPA         | 11.787 | 12.362 | 13539.5E6 | 10004.0E6 | 512.084  | 488.882  |
| -----                       |              |        |        |           |           |          |          |

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

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Data File : PS030514.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2025 03:41  
Operator : AR\AJ  
Sample : PB168254BS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

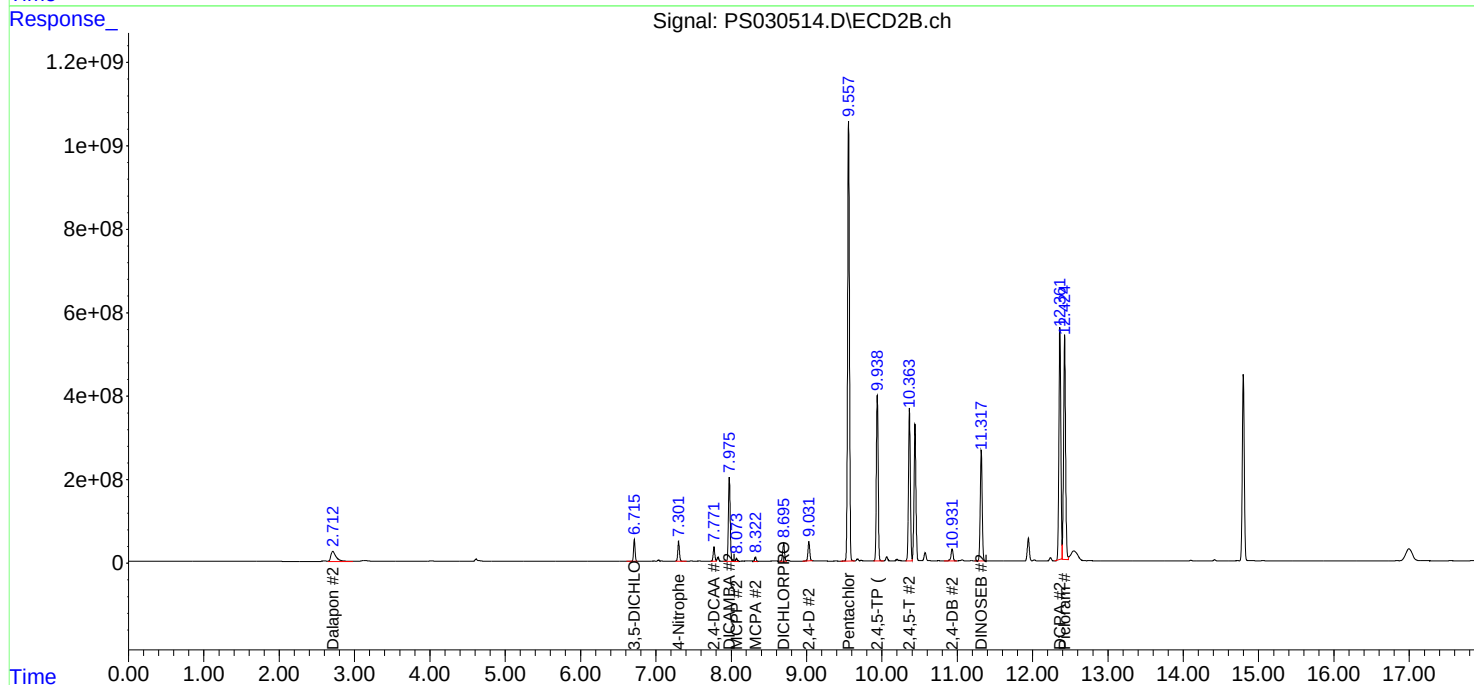
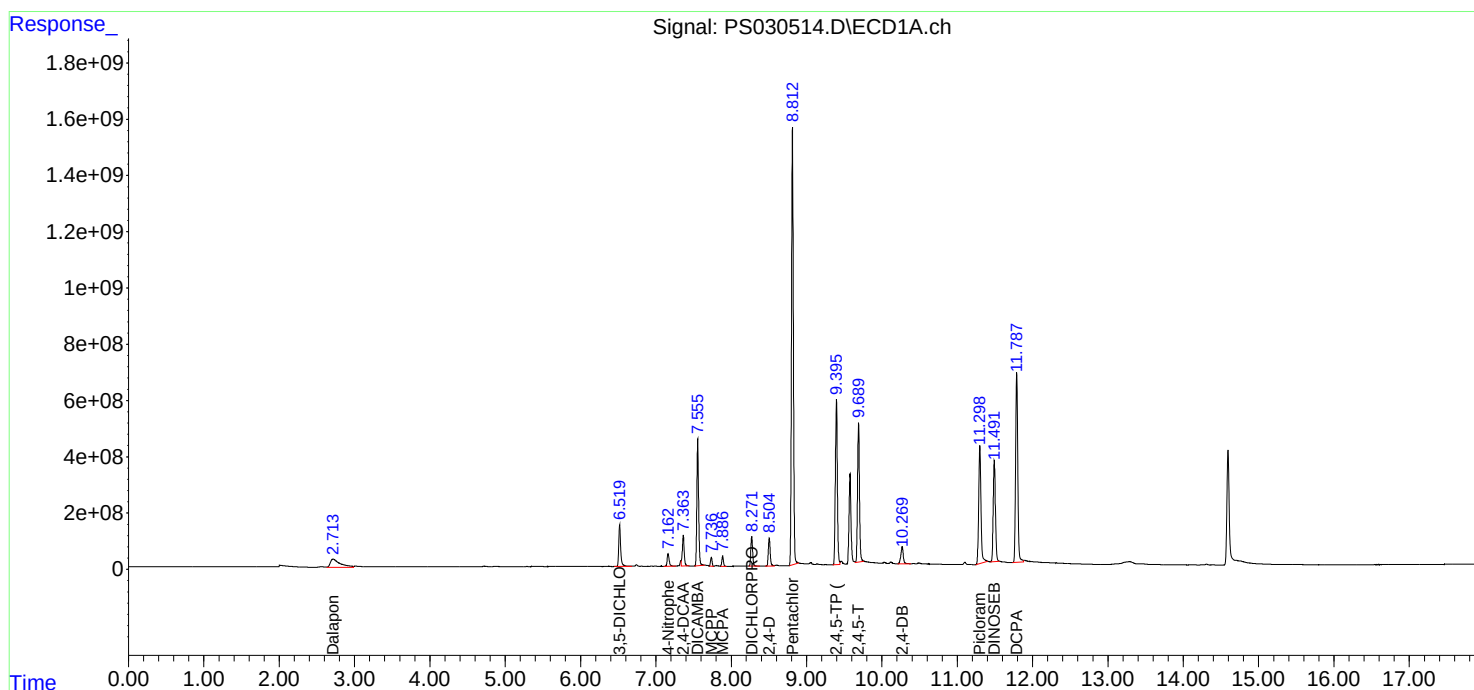
Instrument :  
ECD\_S  
ClientSampleId :  
PB168254BS

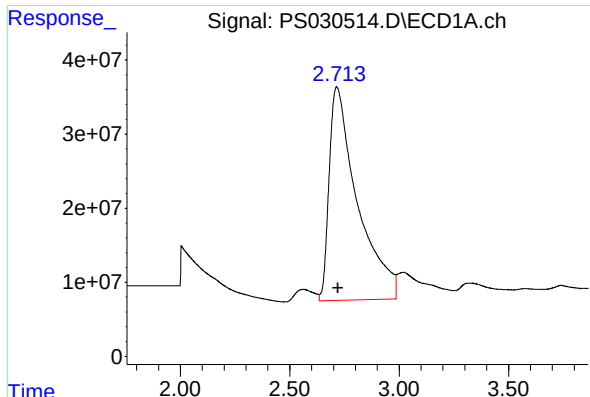
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 05:33:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS060425.M  
Quant Title : 8080.M  
QLast Update : Wed Jun 04 13:21:22 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





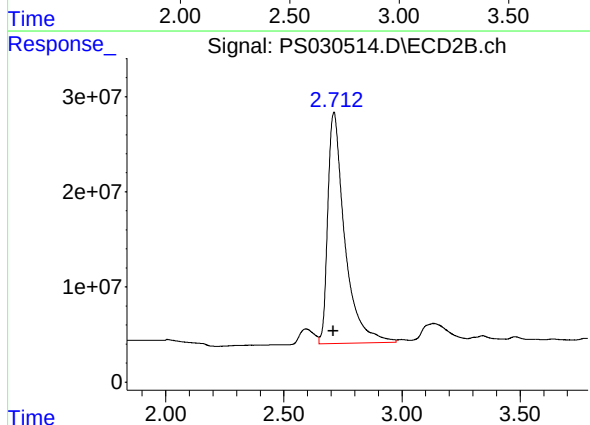
#1 Dalapon

R.T.: 2.713 min  
Delta R.T.: -0.007 min  
Response: 2575546309  
Conc: 456.09 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB168254BS

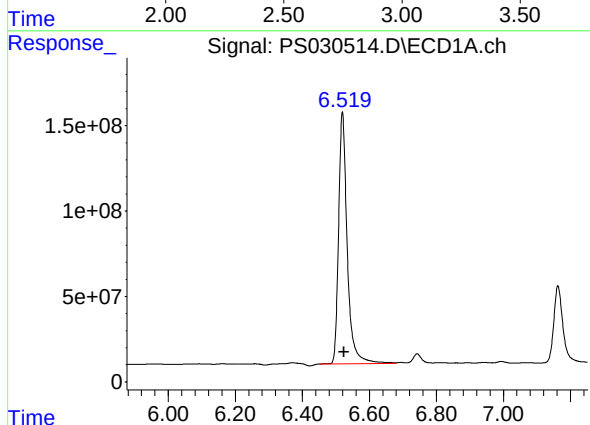
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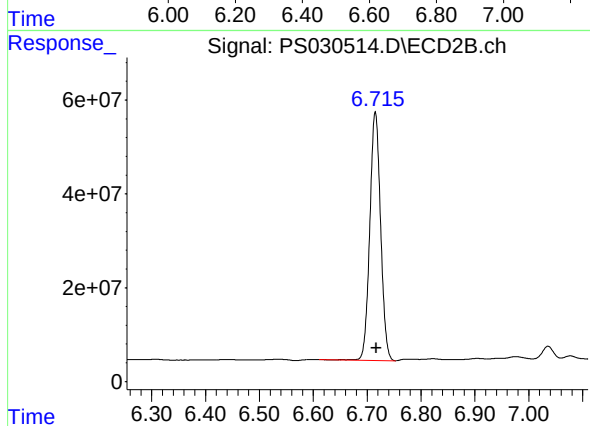
#1 Dalapon

R.T.: 2.712 min  
Delta R.T.: 0.002 min  
Response: 1215776694  
Conc: 443.71 ng/ml



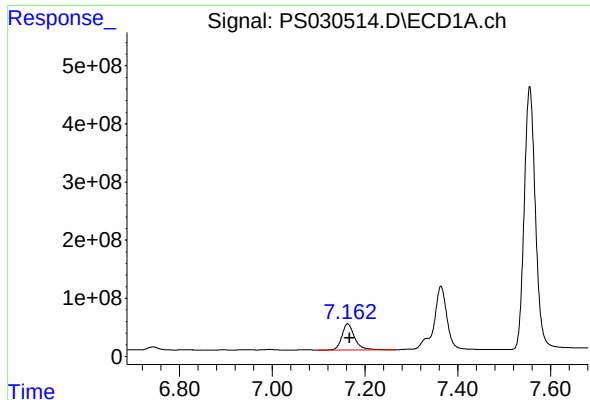
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.520 min  
Delta R.T.: -0.004 min  
Response: 2633599547  
Conc: 485.34 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min  
Delta R.T.: -0.002 min  
Response: 737498058  
Conc: 471.47 ng/ml



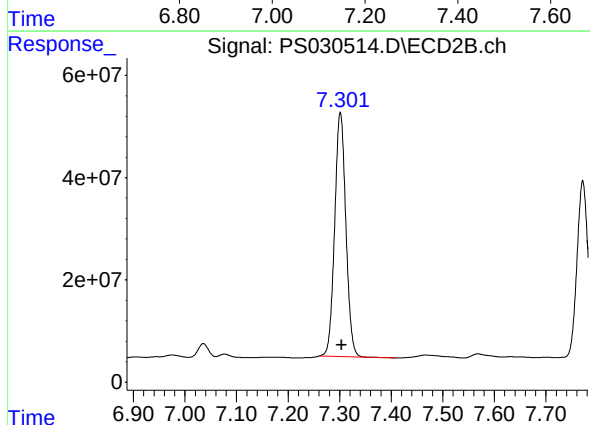
#3 4-Nitrophenol

R.T.: 7.162 min  
Delta R.T.: -0.004 min  
Response: 854705466  
Conc: 466.10 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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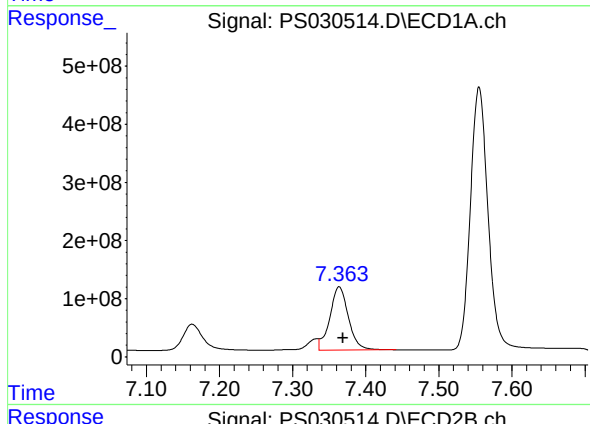
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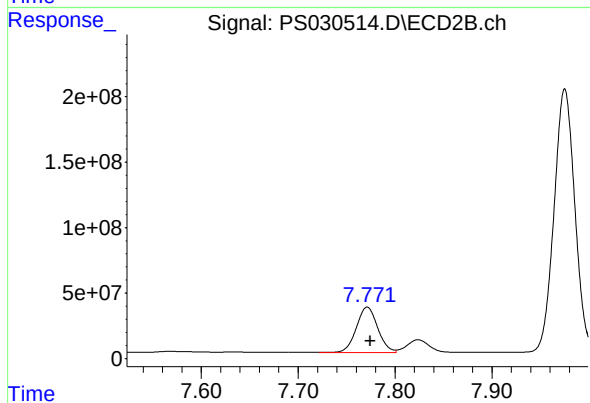
#3 4-Nitrophenol

R.T.: 7.301 min  
Delta R.T.: -0.003 min  
Response: 716485529  
Conc: 457.16 ng/ml



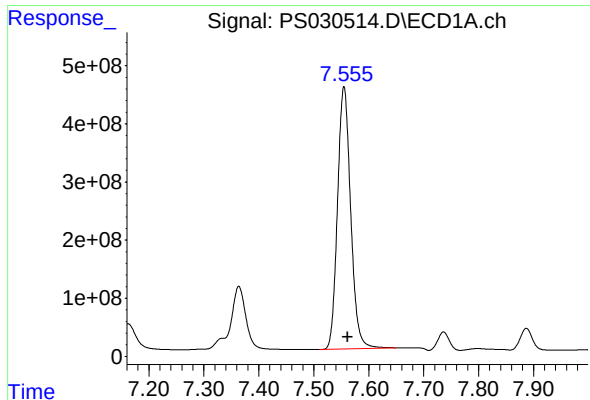
#4 2,4-DCAA

R.T.: 7.363 min  
Delta R.T.: -0.006 min  
Response: 1917114481  
Conc: 507.83 ng/ml m



#4 2,4-DCAA

R.T.: 7.771 min  
Delta R.T.: -0.003 min  
Response: 539613924  
Conc: 501.68 ng/ml



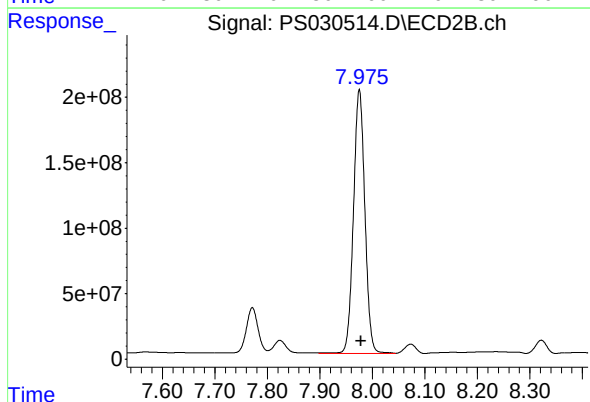
#5 DICAMBA

R.T.: 7.555 min  
Delta R.T.: -0.006 min  
Response: 7510329367  
Conc: 486.97 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB168254BS

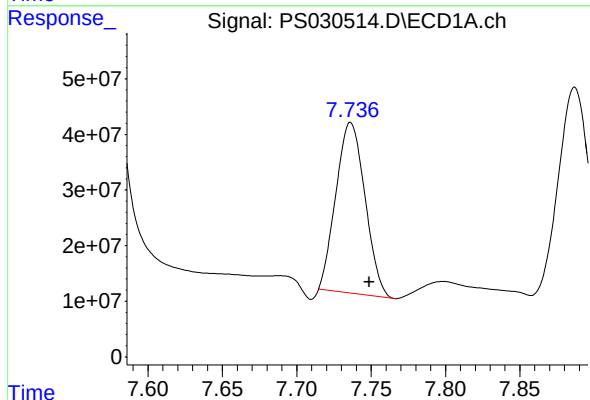
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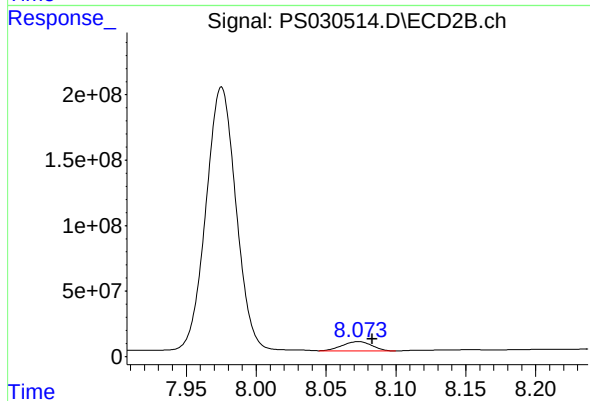
#5 DICAMBA

R.T.: 7.975 min  
Delta R.T.: -0.003 min  
Response: 3048224131  
Conc: 473.21 ng/ml



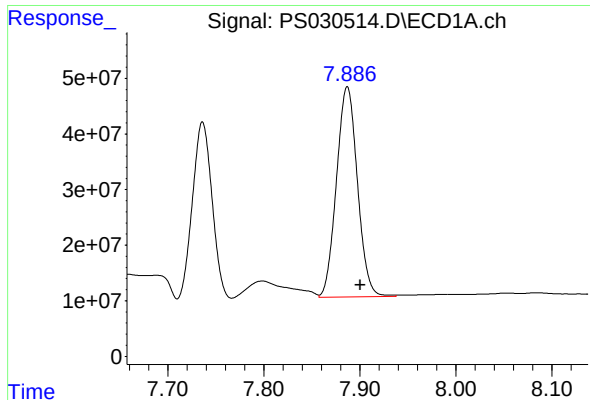
#6 MCPP

R.T.: 7.736 min  
Delta R.T.: -0.013 min  
Response: 417005356  
Conc: 42.10 ug/ml



#6 MCPP

R.T.: 8.073 min  
Delta R.T.: -0.010 min  
Response: 107476513  
Conc: 46.49 ug/ml



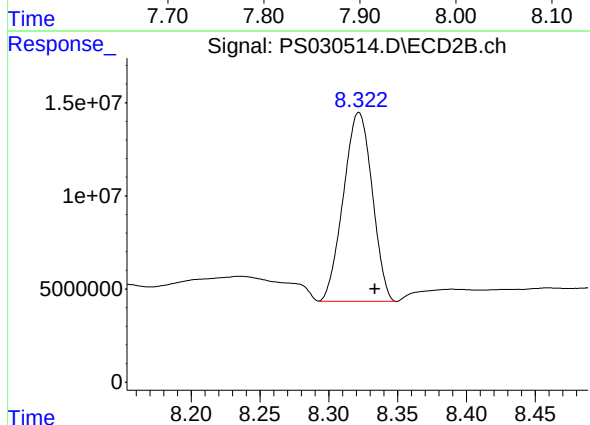
#7 MCPA

R.T.: 7.887 min  
Delta R.T.: -0.014 min  
Response: 570617180  
Conc: 44.97 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB168254BS

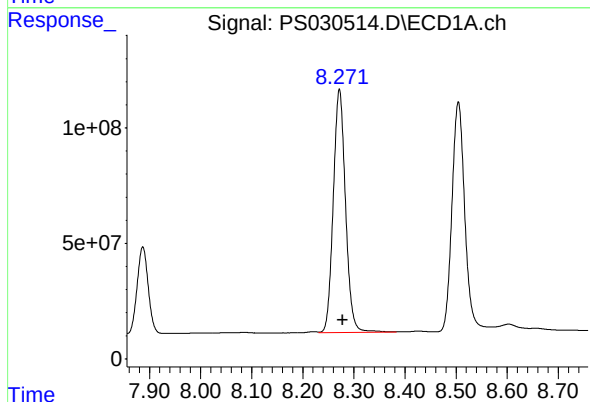
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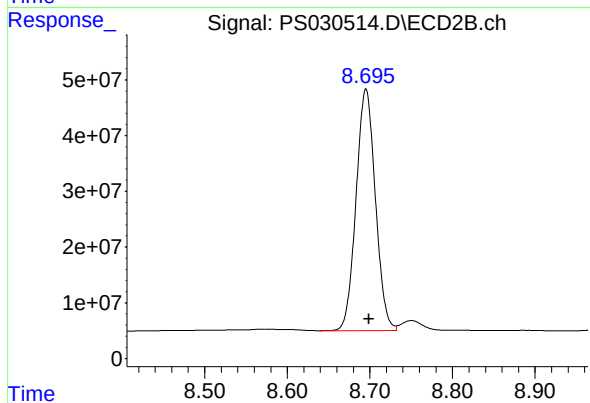
#7 MCPA

R.T.: 8.322 min  
Delta R.T.: -0.012 min  
Response: 148035527  
Conc: 47.97 ug/ml



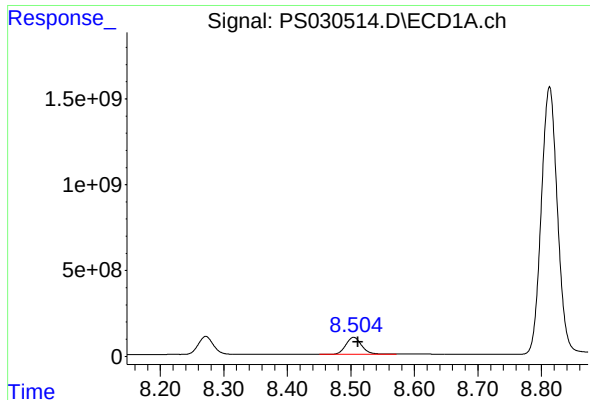
#8 DICHLORPROP

R.T.: 8.272 min  
Delta R.T.: -0.006 min  
Response: 1751309435  
Conc: 481.37 ng/ml



#8 DICHLORPROP

R.T.: 8.695 min  
Delta R.T.: -0.004 min  
Response: 704837626  
Conc: 474.89 ng/ml



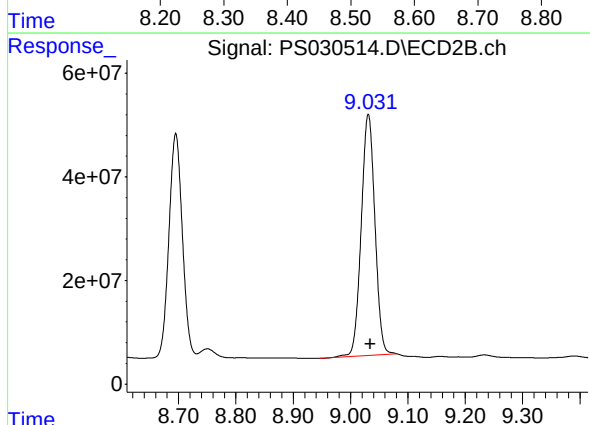
#9 2,4-D

R.T.: 8.504 min  
Delta R.T.: -0.007 min  
Response: 1746193398  
Conc: 479.25 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB168254BS

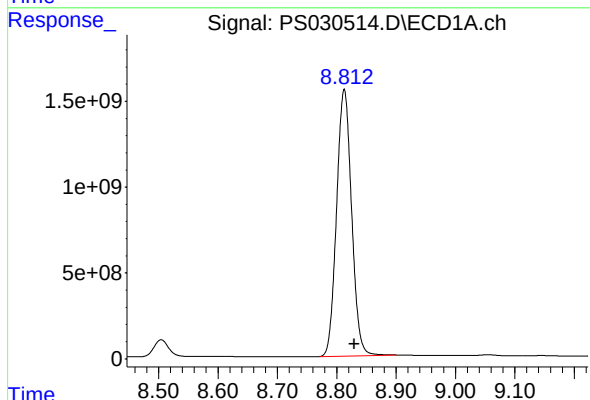
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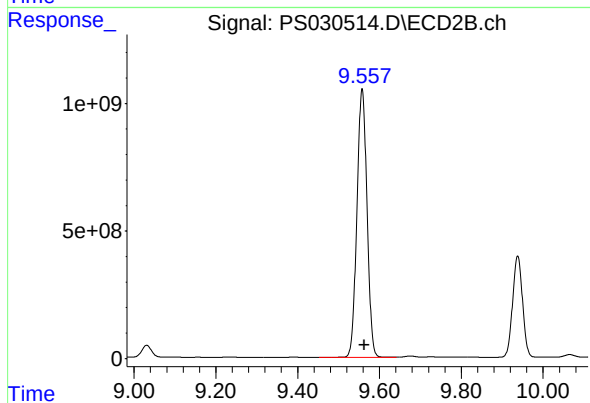
#9 2,4-D

R.T.: 9.031 min  
Delta R.T.: -0.004 min  
Response: 770890254  
Conc: 490.29 ng/ml



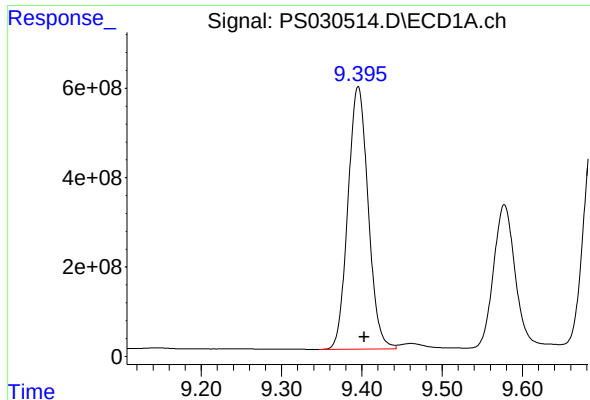
#10 Pentachlorophenol

R.T.: 8.813 min  
Delta R.T.: -0.017 min  
Response: 27296367129  
Conc: 537.48 ng/ml



#10 Pentachlorophenol

R.T.: 9.558 min  
Delta R.T.: -0.005 min  
Response: 17991552403  
Conc: 497.86 ng/ml



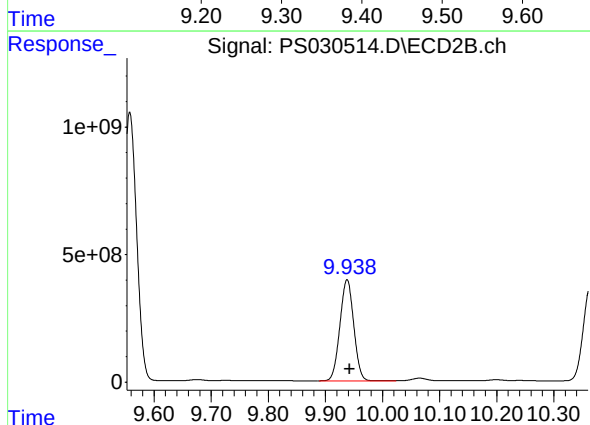
#11 2,4,5-TP (SILVEX)

R.T.: 9.396 min  
Delta R.T.: -0.008 min  
Response: 10291678092  
Conc: 498.02 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB168254BS

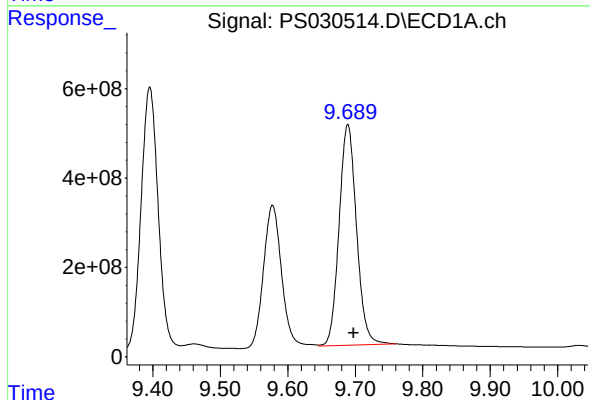
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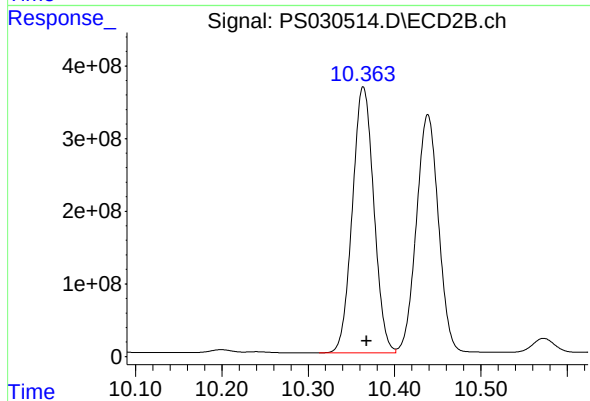
#11 2,4,5-TP (SILVEX)

R.T.: 9.938 min  
Delta R.T.: -0.004 min  
Response: 6657503137  
Conc: 485.36 ng/ml



#12 2,4,5-T

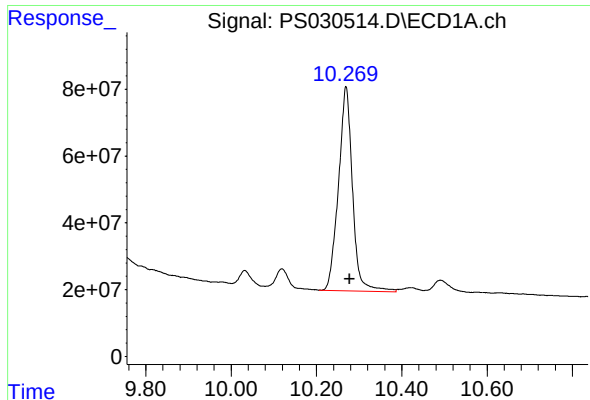
R.T.: 9.689 min  
Delta R.T.: -0.008 min  
Response: 8859128556  
Conc: 480.66 ng/ml



#12 2,4,5-T

R.T.: 10.364 min  
Delta R.T.: -0.004 min  
Response: 6307666995  
Conc: 483.08 ng/ml





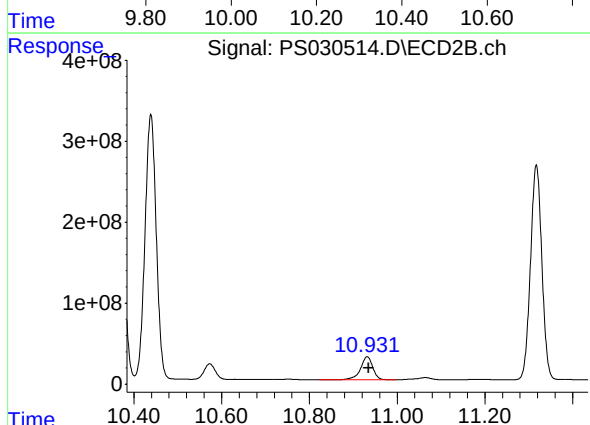
#13 2,4-DB

R.T.: 10.269 min  
Delta R.T.: -0.008 min  
Response: 1399779125  
Conc: 461.01 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB168254BS

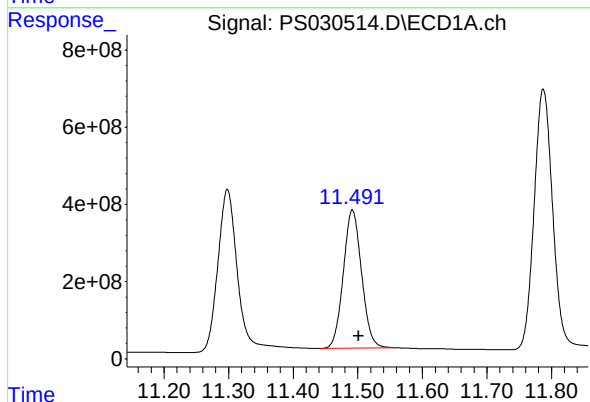
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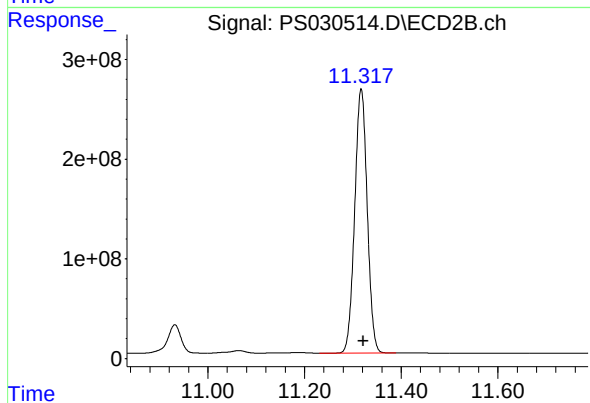
#13 2,4-DB

R.T.: 10.932 min  
Delta R.T.: -0.003 min  
Response: 544985608  
Conc: 474.08 ng/ml



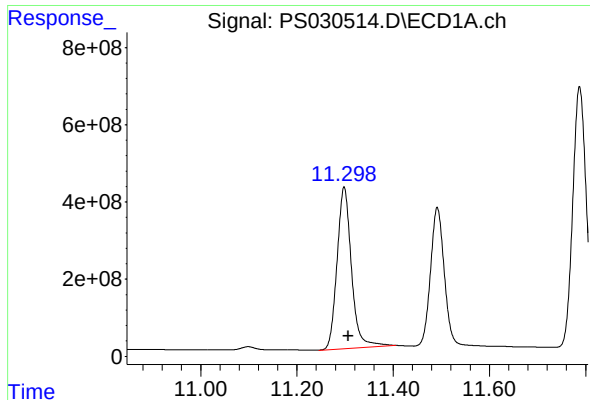
#14 DINOSEB

R.T.: 11.492 min  
Delta R.T.: -0.010 min  
Response: 7035495971  
Conc: 489.43 ng/ml



#14 DINOSEB

R.T.: 11.317 min  
Delta R.T.: -0.005 min  
Response: 4758323435  
Conc: 473.46 ng/ml



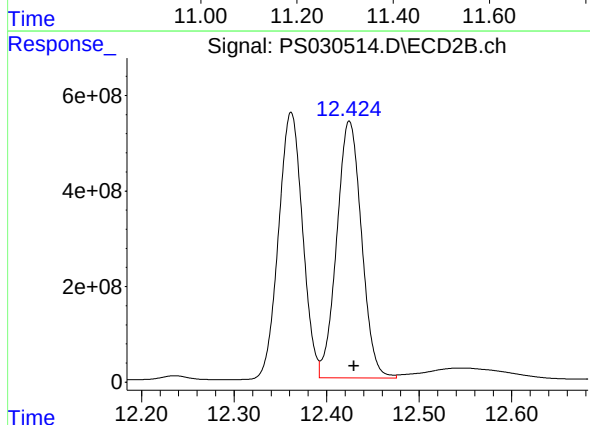
#15 Picloram

R.T.: 11.298 min  
Delta R.T.: -0.009 min  
Response: 8717721467  
Conc: 435.78 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB168254BS

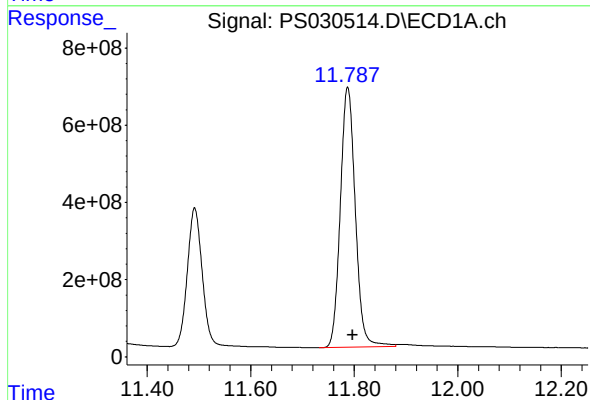
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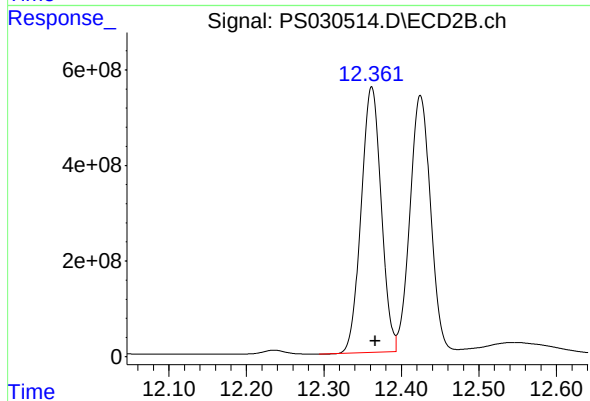
#15 Picloram

R.T.: 12.424 min  
Delta R.T.: -0.006 min  
Response: 10022935931  
Conc: 453.86 ng/ml



#16 DCPA

R.T.: 11.787 min  
Delta R.T.: -0.010 min  
Response: 13539540900  
Conc: 512.08 ng/ml



#16 DCPA

R.T.: 12.362 min  
Delta R.T.: -0.005 min  
Response: 10003957833  
Conc: 488.88 ng/ml