

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS122724\  
 Data File : PS028843.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2024 23:08  
 Operator : AR\AJ  
 Sample : P5362-02MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 WC-SOIL-20241219MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/30/2024  
 Supervised By :Ankita Jodhani 12/30/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 02:08:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS122324.M  
 Quant Title : 8080.M  
 QLast Update : Mon Dec 23 13:44:25 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 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     | 7.206  | 7.695  | 1618.0E6  | 443.5E6  | 715.295  | 394.029 # |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.623  | 2.677  | 895.4E6   | 1165.9E6 | 317.909m | 592.243m# |
| 2) T                        | 3,5-DICHL... | 6.381  | 6.656  | 1747.6E6  | 744.4E6  | 530.351  | 449.063m  |
| 5) T                        | DICAMBA      | 7.391  | 7.892  | 4678.5E6  | 2439.7E6 | 474.466  | 444.401   |
| 6) T                        | MCP          | 7.571  | 7.994  | 269.2E6   | 147.1E6  | 43.234   | 45.008    |
| 7) T                        | MCPA         | 7.720  | 8.236  | 369.6E6   | 271.0E6  | 42.165   | 58.489 #  |
| 8) T                        | DICHLORPROP  | 8.096  | 8.605  | 1307.4E6  | 618.0E6  | 492.757  | 447.973   |
| 9) T                        | 2,4-D        | 8.325  | 8.933  | 1570.4E6  | 727.6E6  | 551.092  | 504.185   |
| 10) T                       | Pentachlo... | 8.622  | 9.457  | 18250.9E6 | 8870.3E6 | 467.169  | 406.916   |
| 11) T                       | 2,4,5-TP ... | 9.198  | 9.835  | 8848.1E6  | 5610.4E6 | 563.238  | 624.527   |
| 12) T                       | 2,4,5-T      | 9.489  | 10.251 | 8228.2E6  | 4030.9E6 | 505.757  | 462.831   |
| 13) T                       | 2,4-DB       | 10.062 | 10.817 | 1262.0E6  | 402.5E6  | 404.283  | 414.493   |
| 14) T                       | DINOSEB      | 11.266 | 11.196 | 4204.1E6  | 1752.4E6 | 312.766  | 284.517   |
| 15) T                       | Picloram     | 11.075 | 12.282 | 11324.3E6 | 4930.1E6 | 422.348  | 383.996   |
| 16) T                       | DCPA         | 11.559 | 12.236 | 10301.0E6 | 4978.2E6 | 428.296  | 463.323   |
| -----                       |              |        |        |           |          |          |           |

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

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Acq On : 27 Dec 2024 23:08  
Operator : AR\AJ  
Sample : P5362-02MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

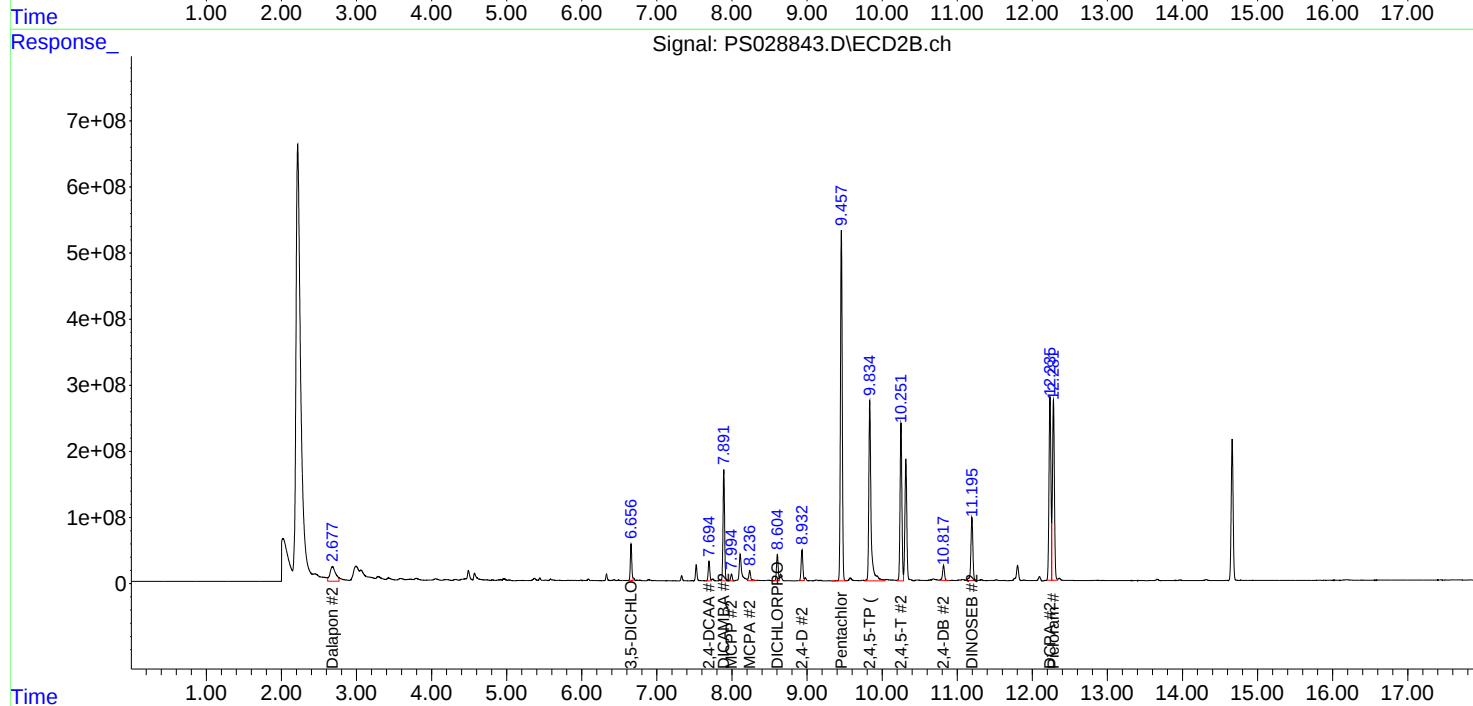
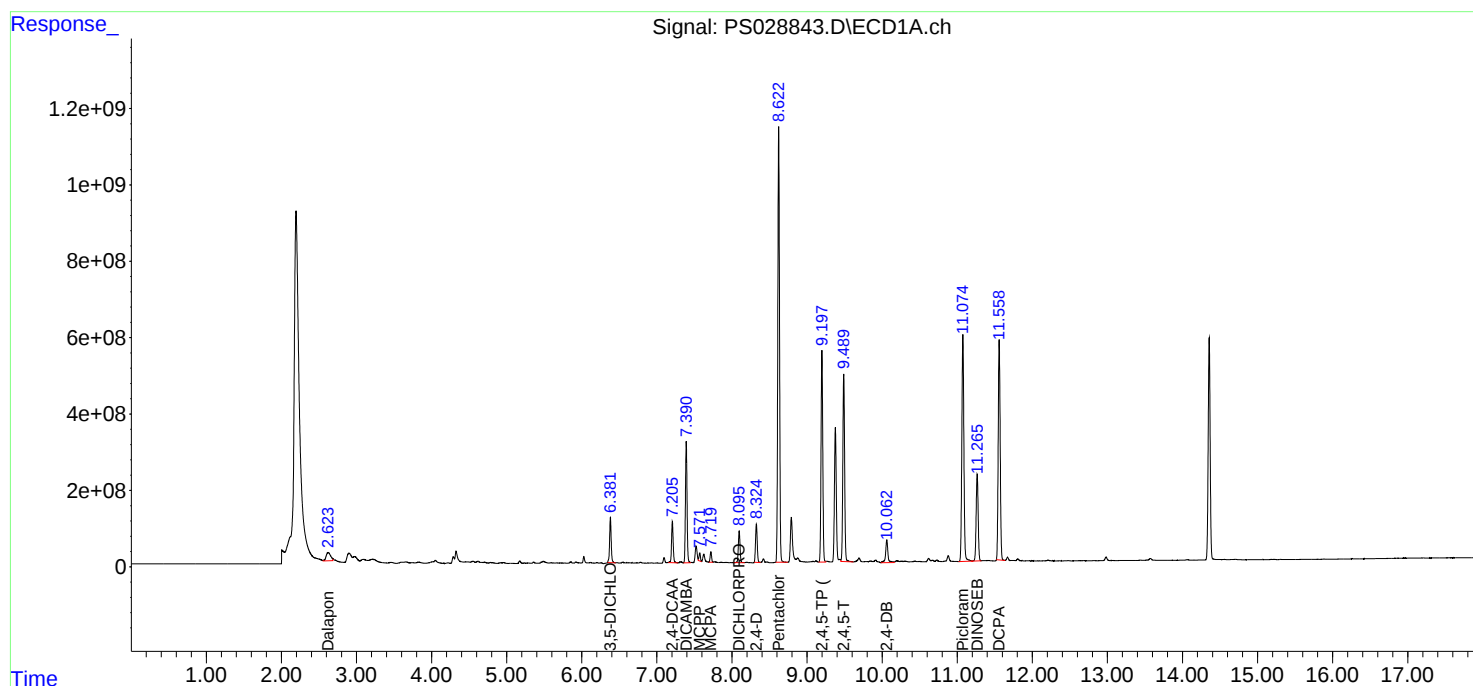
Instrument :  
ECD\_S  
ClientSampleId :  
WC-SOIL-20241219MSD

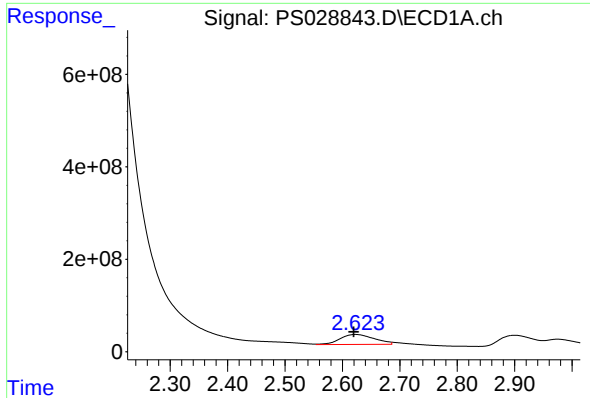
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 02:08:49 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS122324.M  
Quant Title : 8080.M  
QLast Update : Mon Dec 23 13:44:25 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





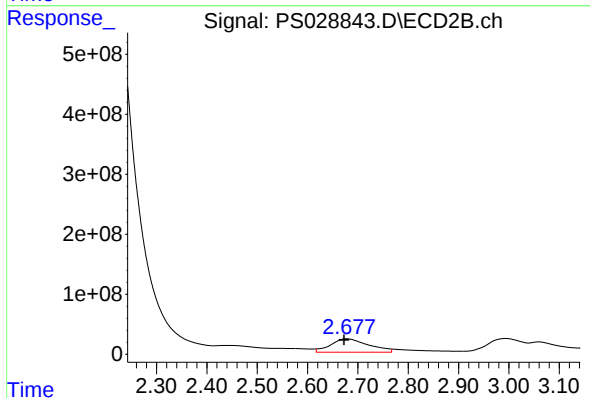
#1 Dalapon

R.T.: 2.623 min  
Delta R.T.: 0.002 min  
Response: 895438460  
Conc: 317.91 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-SOIL-20241219MSD

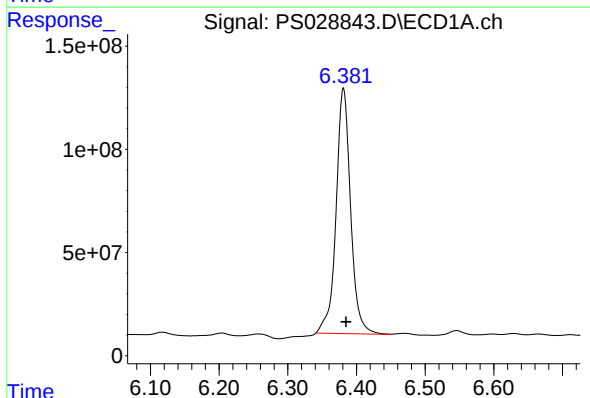
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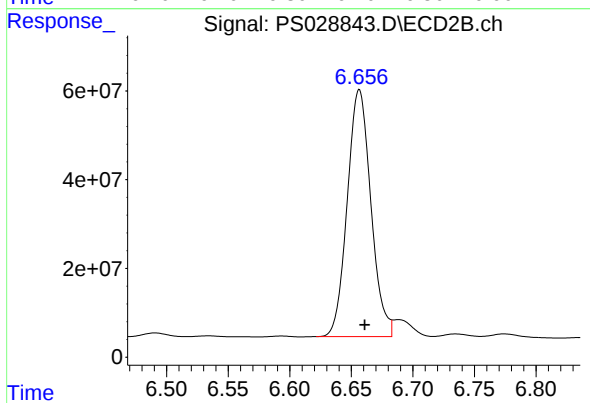
#1 Dalapon

R.T.: 2.677 min  
Delta R.T.: 0.005 min  
Response: 1165890898  
Conc: 592.24 ng/ml m



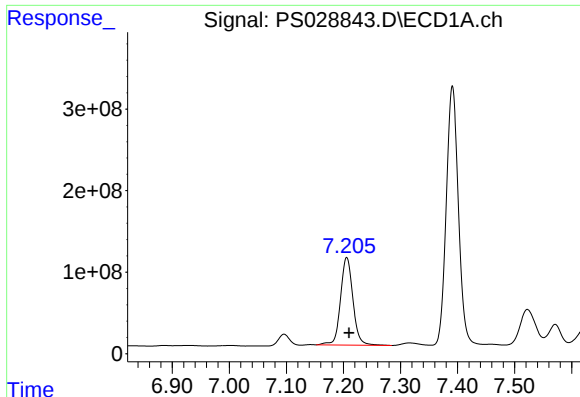
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.381 min  
Delta R.T.: -0.004 min  
Response: 1747579339  
Conc: 530.35 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.656 min  
Delta R.T.: -0.005 min  
Response: 744355412  
Conc: 449.06 ng/ml m



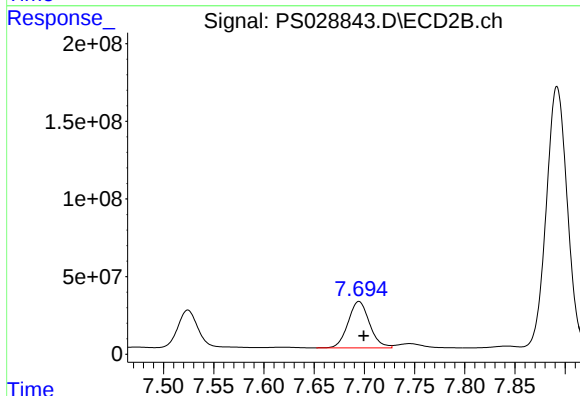
#4 2,4-DCAA

R.T.: 7.206 min  
Delta R.T.: -0.004 min  
Response: 1618016315  
Conc: 715.30 ng/ml

Instrument :  
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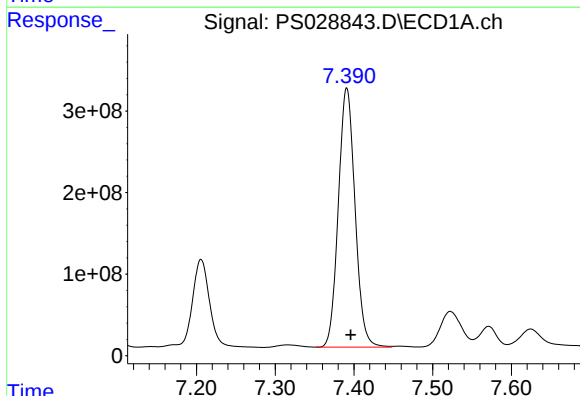
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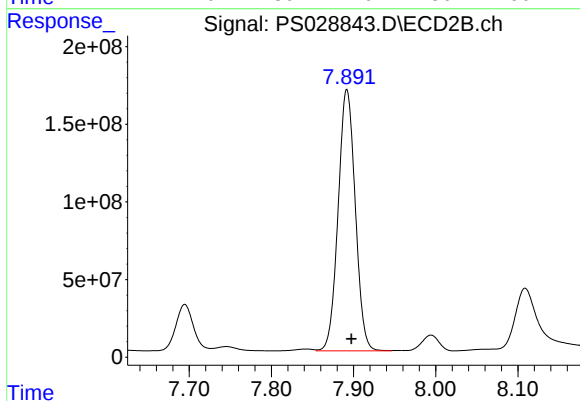
#4 2,4-DCAA

R.T.: 7.695 min  
Delta R.T.: -0.005 min  
Response: 443494340  
Conc: 394.03 ng/ml



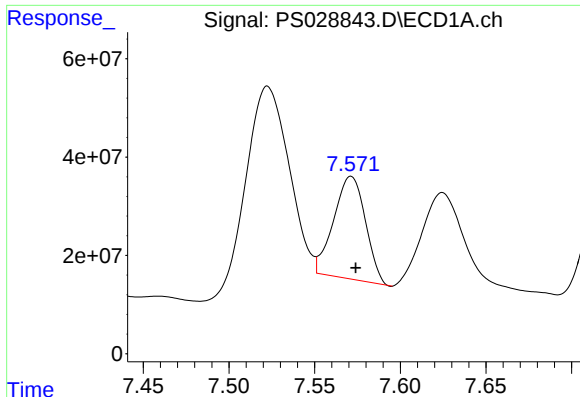
#5 DICAMBA

R.T.: 7.391 min  
Delta R.T.: -0.005 min  
Response: 4678545006  
Conc: 474.47 ng/ml



#5 DICAMBA

R.T.: 7.892 min  
Delta R.T.: -0.005 min  
Response: 2439705757  
Conc: 444.40 ng/ml



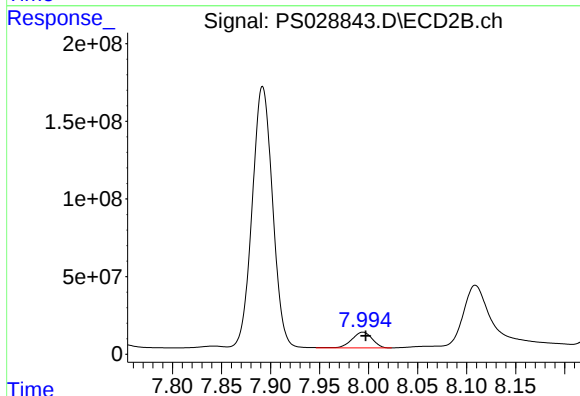
#6 MCPP

R.T.: 7.571 min  
Delta R.T.: -0.003 min  
Response: 269227926  
Conc: 43.23 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
WC-SOIL-20241219MSD

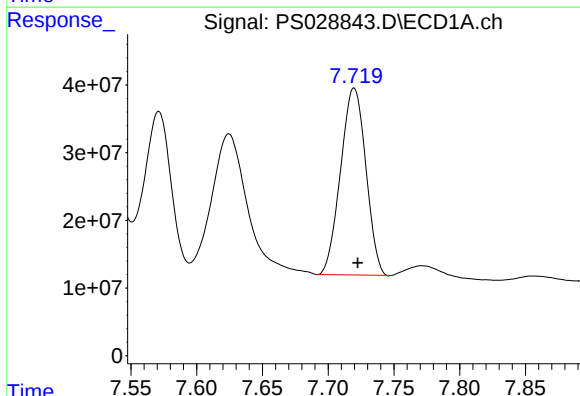
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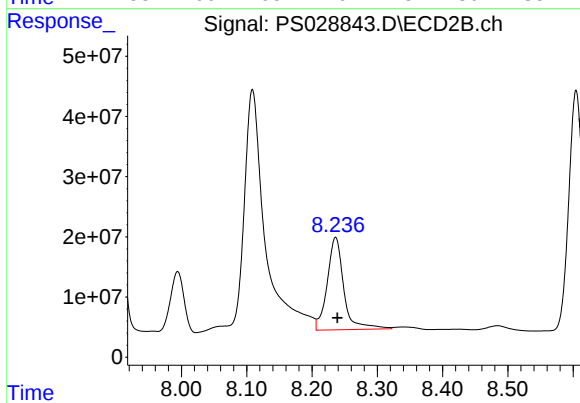
#6 MCPP

R.T.: 7.994 min  
Delta R.T.: -0.003 min  
Response: 147077468  
Conc: 45.01 ug/ml



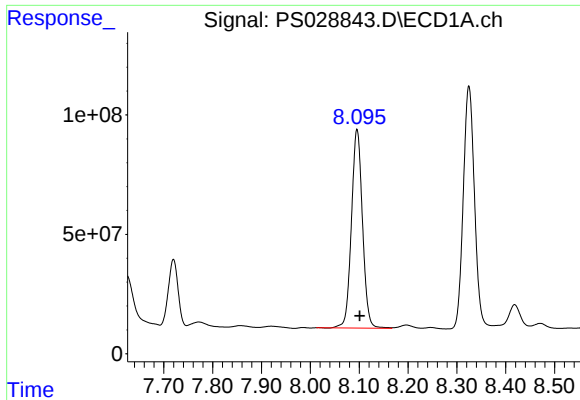
#7 MCPA

R.T.: 7.720 min  
Delta R.T.: -0.003 min  
Response: 369594366  
Conc: 42.16 ug/ml



#7 MCPA

R.T.: 8.236 min  
Delta R.T.: -0.003 min  
Response: 270972002  
Conc: 58.49 ug/ml



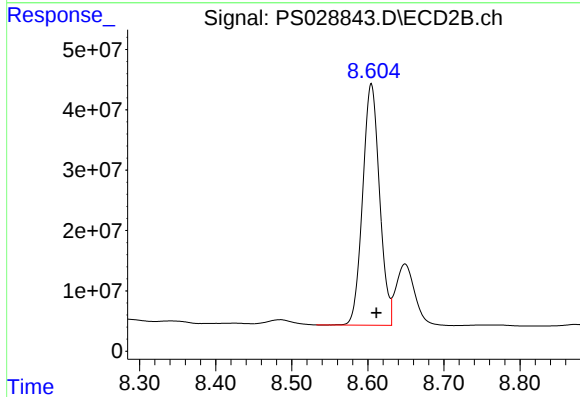
#8 DICHLORPROP

R.T.: 8.096 min  
Delta R.T.: -0.005 min  
Response: 1307370898  
Conc: 492.76 ng/ml

Instrument :  
ECD\_S  
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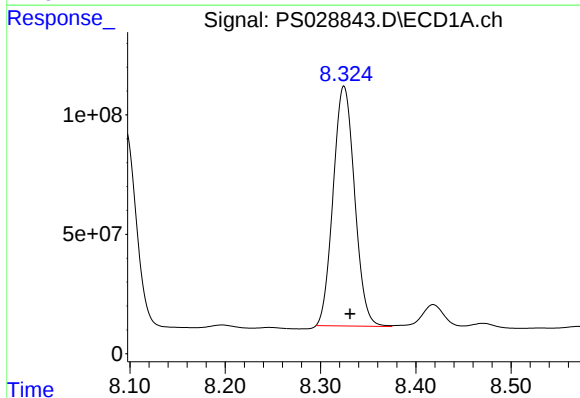
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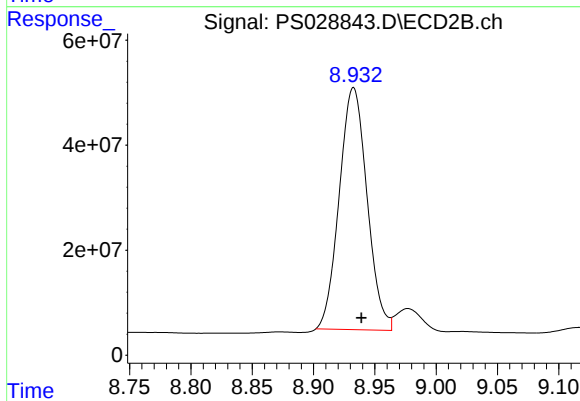
#8 DICHLORPROP

R.T.: 8.605 min  
Delta R.T.: -0.007 min  
Response: 618049190  
Conc: 447.97 ng/ml



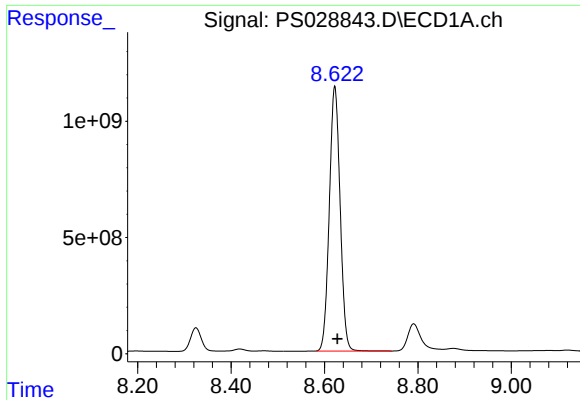
#9 2,4-D

R.T.: 8.325 min  
Delta R.T.: -0.006 min  
Response: 1570356314  
Conc: 551.09 ng/ml



#9 2,4-D

R.T.: 8.933 min  
Delta R.T.: -0.007 min  
Response: 727612516  
Conc: 504.19 ng/ml



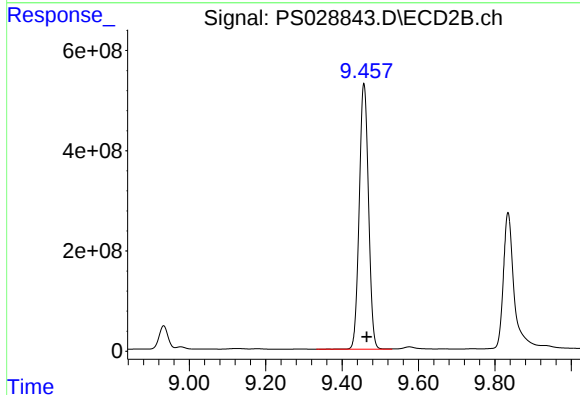
#10 Pentachlorophenol

R.T.: 8.622 min  
Delta R.T.: -0.006 min  
Response: 18250873340  
Conc: 467.17 ng/ml

Instrument :  
ECD\_S  
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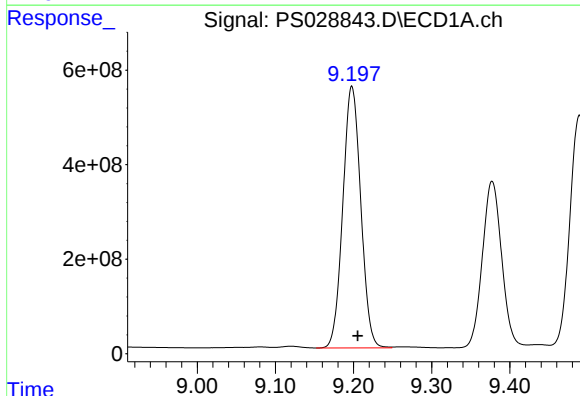
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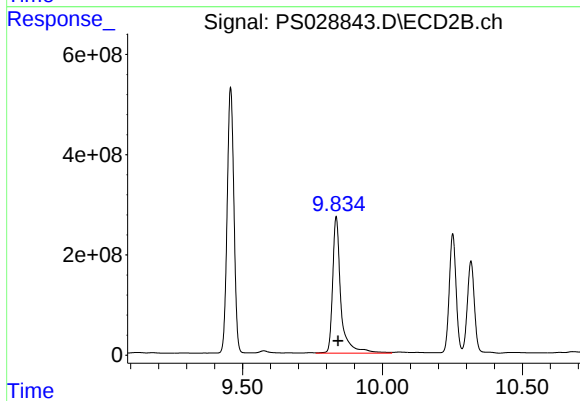
#10 Pentachlorophenol

R.T.: 9.457 min  
Delta R.T.: -0.007 min  
Response: 8870253743  
Conc: 406.92 ng/ml



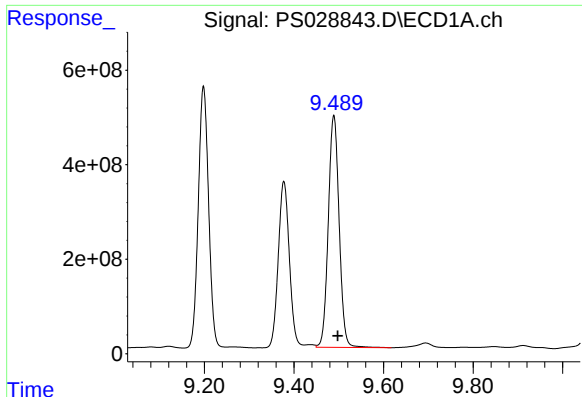
#11 2,4,5-TP (SILVEX)

R.T.: 9.198 min  
Delta R.T.: -0.007 min  
Response: 8848090918  
Conc: 563.24 ng/ml



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

R.T.: 9.835 min  
Delta R.T.: -0.007 min  
Response: 5610449350  
Conc: 624.53 ng/ml



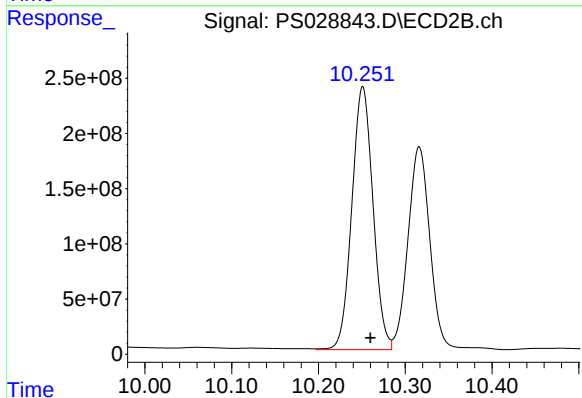
#12 2,4,5-T

R.T.: 9.489 min  
Delta R.T.: -0.009 min  
Response: 8228249405  
Conc: 505.76 ng/ml

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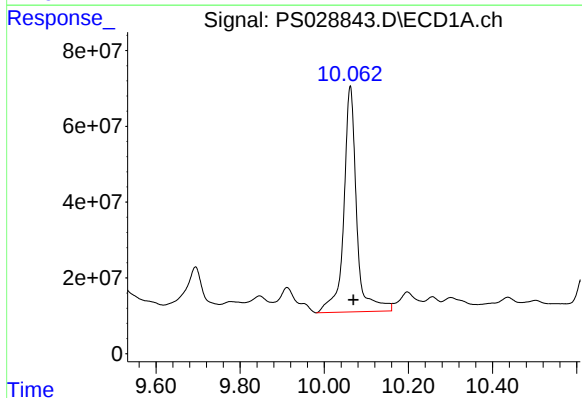
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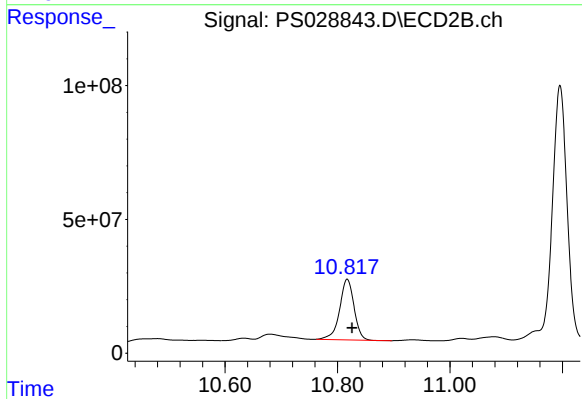
#12 2,4,5-T

R.T.: 10.251 min  
Delta R.T.: -0.009 min  
Response: 4030876922  
Conc: 462.83 ng/ml



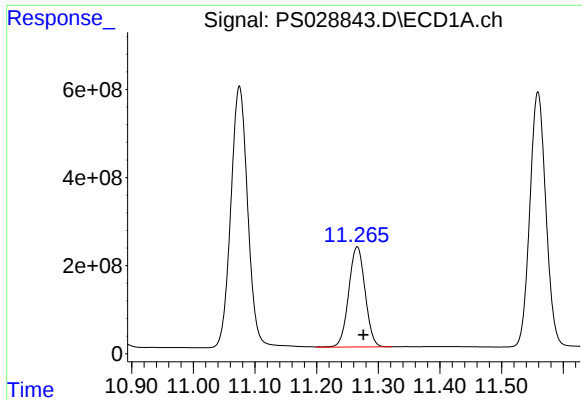
#13 2,4-DB

R.T.: 10.062 min  
Delta R.T.: -0.008 min  
Response: 1262008879  
Conc: 404.28 ng/ml



#13 2,4-DB

R.T.: 10.817 min  
Delta R.T.: -0.008 min  
Response: 402513143  
Conc: 414.49 ng/ml



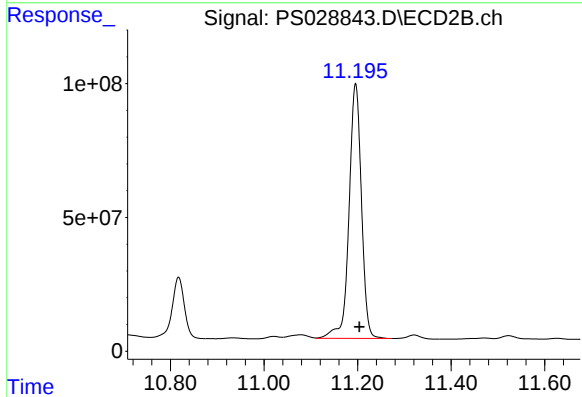
#14 DINOSEB

R.T.: 11.266 min  
Delta R.T.: -0.010 min  
Response: 4204110694  
Conc: 312.77 ng/ml

Instrument :  
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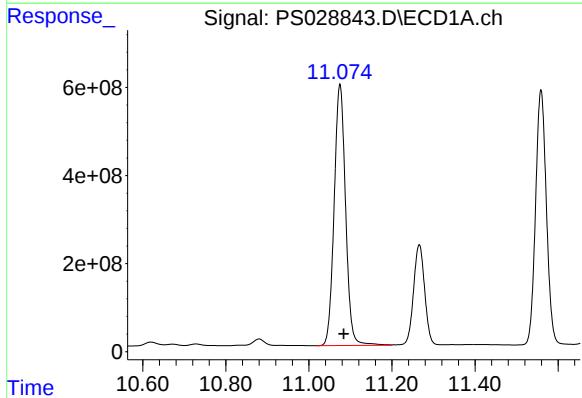
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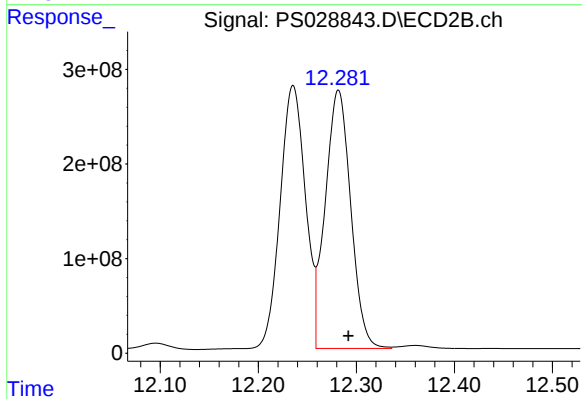
#14 DINOSEB

R.T.: 11.196 min  
Delta R.T.: -0.008 min  
Response: 1752379653  
Conc: 284.52 ng/ml



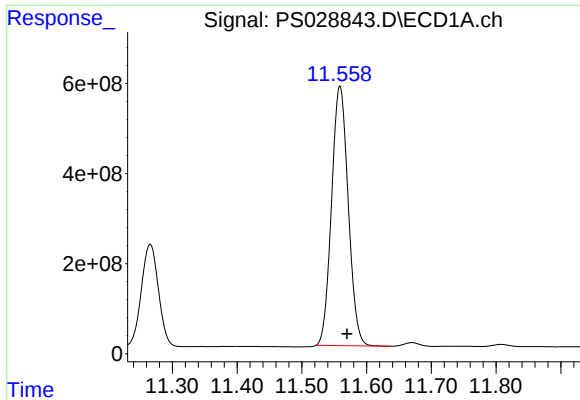
#15 Picloram

R.T.: 11.075 min  
Delta R.T.: -0.009 min  
Response: 11324329281  
Conc: 422.35 ng/ml



#15 Picloram

R.T.: 12.282 min  
Delta R.T.: -0.010 min  
Response: 4930130386  
Conc: 384.00 ng/ml



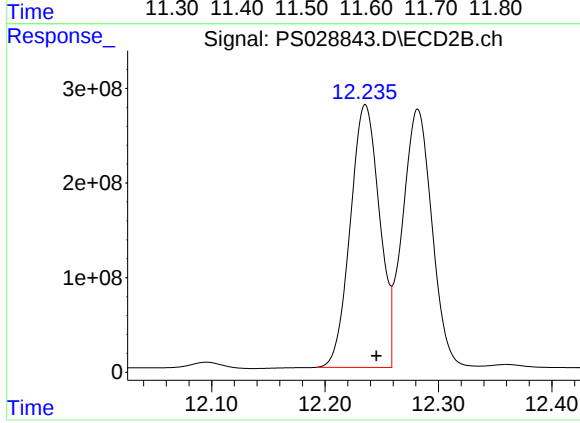
#16 DCPA

R.T.: 11.559 min  
Delta R.T.: -0.011 min  
Response: 10300970584  
Conc: 428.30 ng/ml

Instrument :  
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#16 DCPA

R.T.: 12.236 min  
Delta R.T.: -0.010 min  
Response: 4978207339  
Conc: 463.32 ng/ml