

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS041724\  
 Data File : PS026453.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Apr 2024 18:56  
 Operator : AR\AJ  
 Sample : PB160326BS (Sig #1); PB060326BS (Sig #2)  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB160326BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/19/2024  
 Supervised By : Ankita Jodhani 04/19/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 18 03:41:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS041724.M  
 Quant Title : 8080.M  
 QLast Update : Wed Apr 17 17:31:42 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2  
 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     | 7.055  | 7.538  | 1387.1E6  | 379.2E6  | 511.509 | 477.905  |
| Target Compounds            |              |        |        |           |          |         |          |
| 1) T                        | Dalapon      | 2.557  | 2.591  | 1568.3E6  | 794.0E6  | 473.420 | 461.300  |
| 2) T                        | 3,5-DICHL... | 6.246  | 6.524  | 1893.4E6  | 557.5E6  | 501.595 | 466.171  |
| 3) T                        | 4-Nitroph... | 6.846  | 7.072  | 619.3E6   | 179.7E6  | 481.901 | 472.671  |
| 5) T                        | DICAMBA      | 7.235  | 7.727  | 5511.5E6  | 1561.3E6 | 472.675 | 436.170  |
| 6) T                        | MCPD         | 7.414  | 7.832  | 406.2E6   | 121.1E6  | 45.155m | 42.093   |
| 7) T                        | MCPA         | 7.559  | 8.064  | 547.9E6   | 157.8E6  | 43.829  | 41.766   |
| 8) T                        | DICHLORPROP  | 7.926  | 8.423  | 1398.3E6  | 378.1E6  | 465.613 | 420.135  |
| 9) T                        | 2,4-D        | 8.151  | 8.739  | 1398.3E6  | 340.4E6  | 470.620 | 416.748  |
| 10) T                       | Pentachlo... | 8.437  | 9.246  | 19624.1E6 | 5227.2E6 | 501.531 | 410.905  |
| 11) T                       | 2,4,5-TP ... | 9.010  | 9.622  | 7590.5E6  | 1875.2E6 | 478.594 | 386.215  |
| 12) T                       | 2,4,5-T      | 9.294  | 10.031 | 6974.3E6  | 1633.5E6 | 483.466 | 395.465  |
| 13) T                       | 2,4-DB       | 9.862  | 10.590 | 883.1E6   | 175.1E6  | 473.480 | 417.361m |
| 14) T                       | DINOSEB      | 11.039 | 10.963 | 5074.5E6  | 1265.2E6 | 482.819 | 389.498  |
| 15) T                       | Picloram     | 10.857 | 12.018 | 7776.9E6  | 1419.6E6 | 484.555 | 411.877  |
| 16) T                       | DCPA         | 11.340 | 11.991 | 9159.2E6  | 2265.7E6 | 504.009 | 420.371  |
| -----                       |              |        |        |           |          |         |          |

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

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Misc :  
ALS Vial : 10 Sample Multiplier: 1

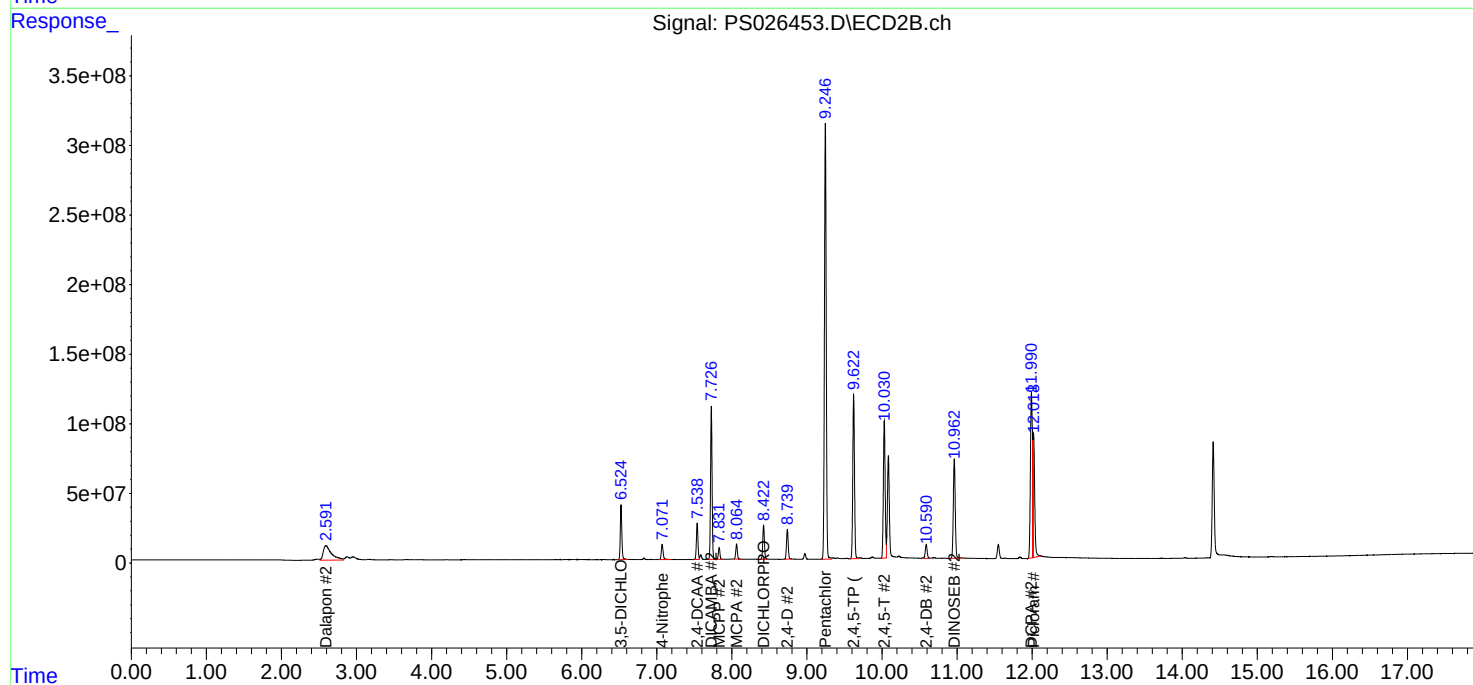
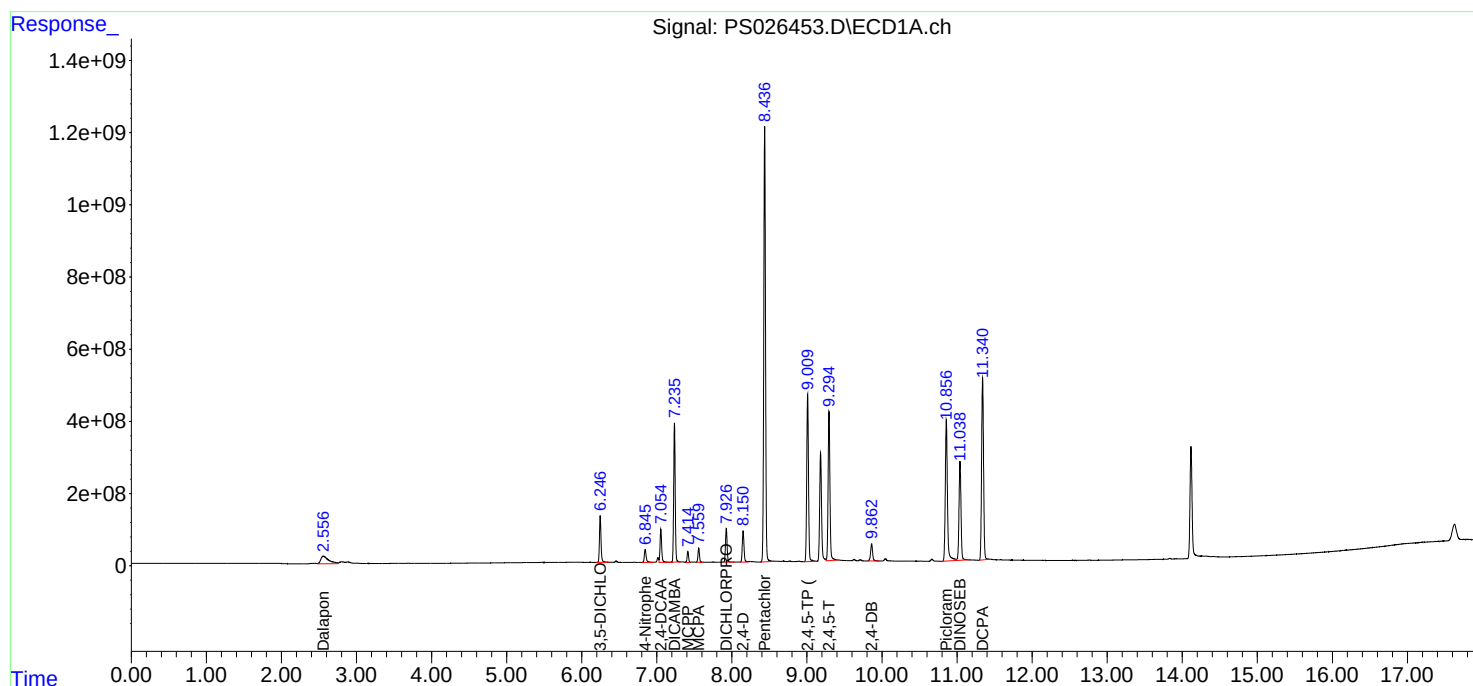
Instrument :  
ECD\_S  
ClientSampleId :  
PB160326BS

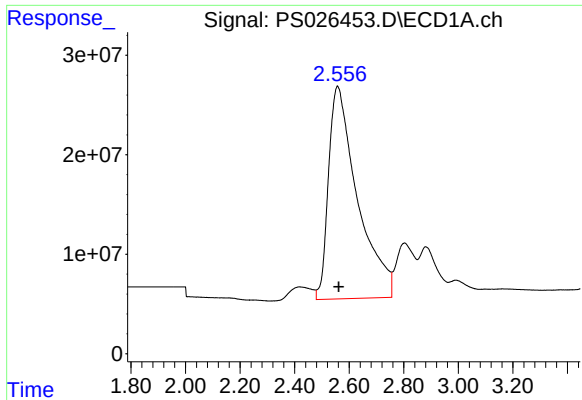
Manual Integrations  
APPROVED

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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\PS041724.M  
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QLast Update : Wed Apr 17 17:31:42 2024  
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Volume Inj. : 2 µl  
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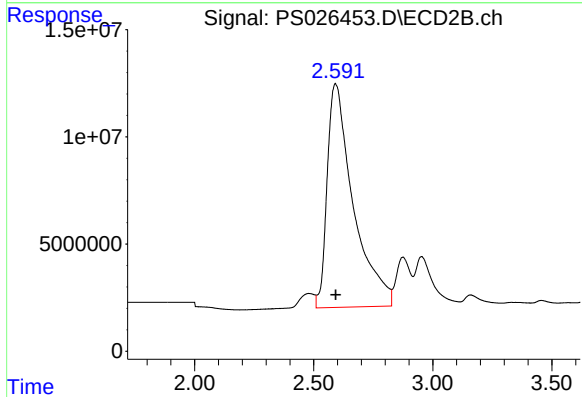
#1 Dalapon

R.T.: 2.557 min  
Delta R.T.: -0.005 min  
Response: 1568258422  
Conc: 473.42 ng/ml

Instrument :  
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ClientSampleId :  
PB160326BS

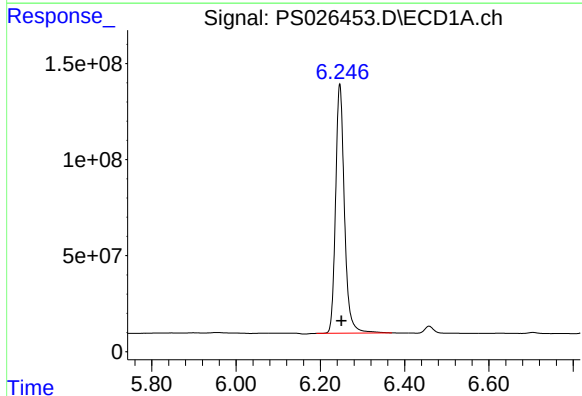
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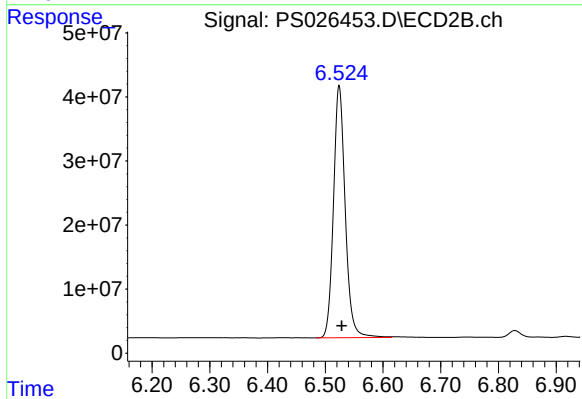
#1 Dalapon

R.T.: 2.591 min  
Delta R.T.: -0.002 min  
Response: 793971032  
Conc: 461.30 ng/ml



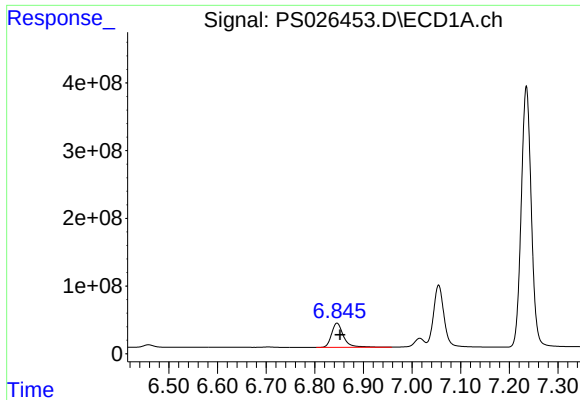
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.246 min  
Delta R.T.: -0.004 min  
Response: 1893436192  
Conc: 501.59 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.524 min  
Delta R.T.: -0.005 min  
Response: 557534606  
Conc: 466.17 ng/ml



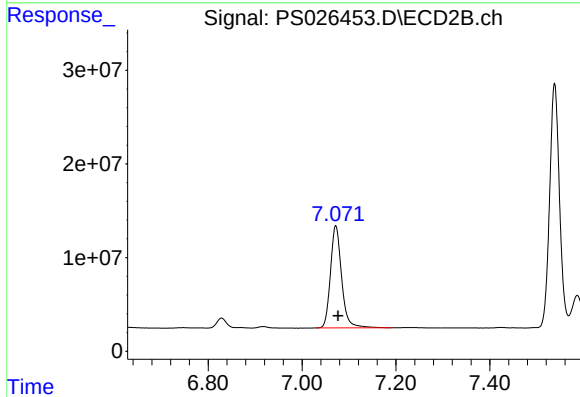
#3 4-Nitrophenol

R.T.: 6.846 min  
Delta R.T.: -0.006 min  
Response: 619265766  
Conc: 481.90 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB160326BS

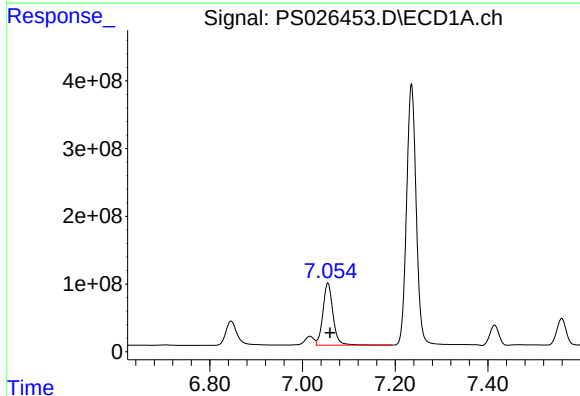
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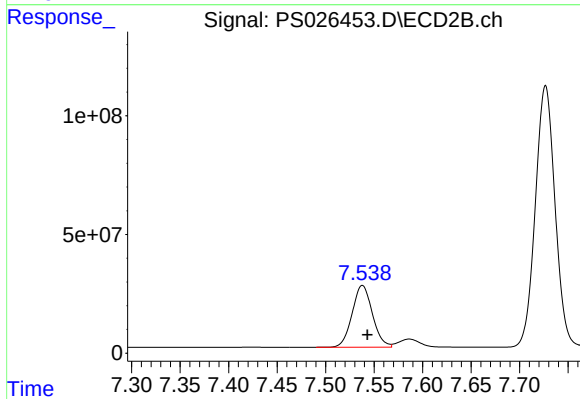
#3 4-Nitrophenol

R.T.: 7.072 min  
Delta R.T.: -0.005 min  
Response: 179720644  
Conc: 472.67 ng/ml



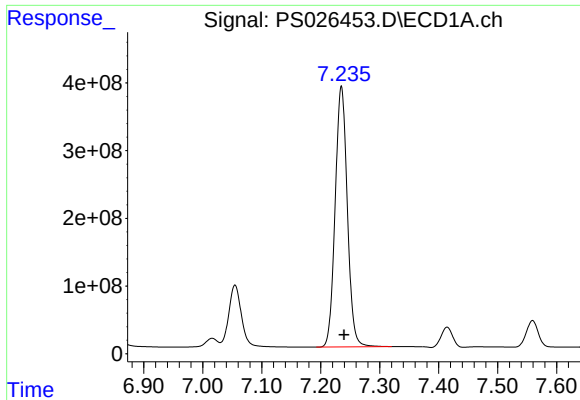
#4 2,4-DCAA

R.T.: 7.055 min  
Delta R.T.: -0.005 min  
Response: 1387123038  
Conc: 511.51 ng/ml



#4 2,4-DCAA

R.T.: 7.538 min  
Delta R.T.: -0.005 min  
Response: 379201707  
Conc: 477.90 ng/ml



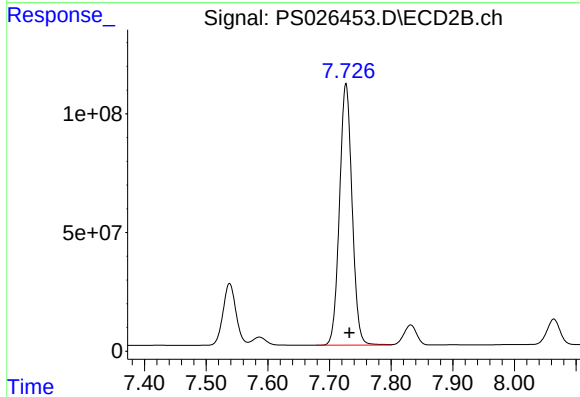
#5 DICAMBA

R.T.: 7.235 min  
Delta R.T.: -0.004 min  
Response: 5511495344  
Conc: 472.68 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB160326BS

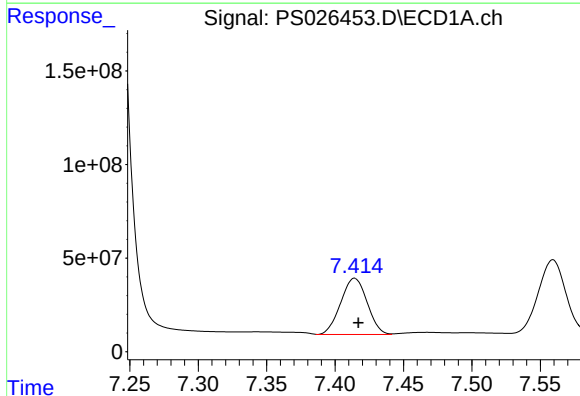
Manual Integrations  
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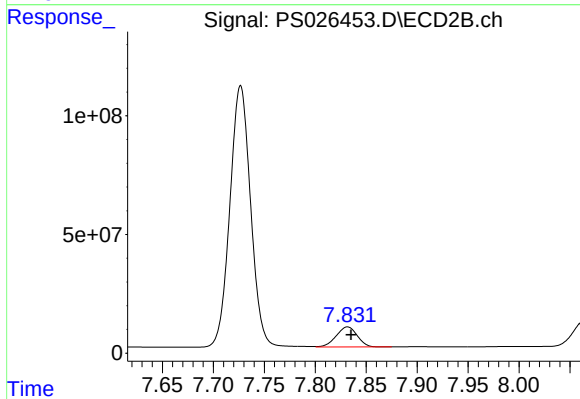
#5 DICAMBA

R.T.: 7.727 min  
Delta R.T.: -0.005 min  
Response: 1561328934  
Conc: 436.17 ng/ml



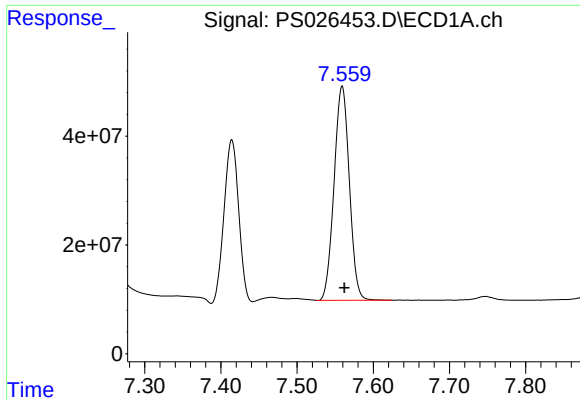
#6 MCP

R.T.: 7.414 min  
Delta R.T.: -0.003 min  
Response: 406242627  
Conc: 45.15 ug/ml m



#6 MCP

R.T.: 7.832 min  
Delta R.T.: -0.003 min  
Response: 121054116  
Conc: 42.09 ug/ml



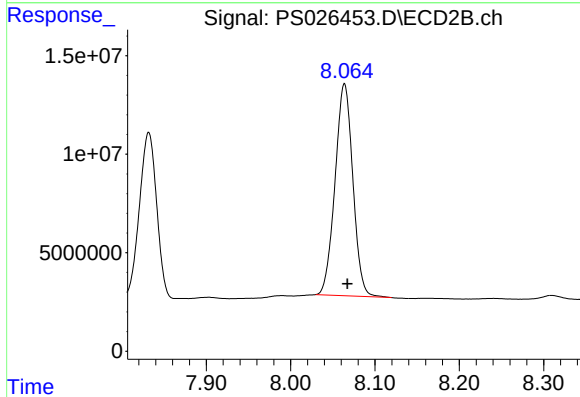
#7 MCPA

R.T.: 7.559 min  
Delta R.T.: -0.003 min  
Response: 547911537  
Conc: 43.83 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB160326BS

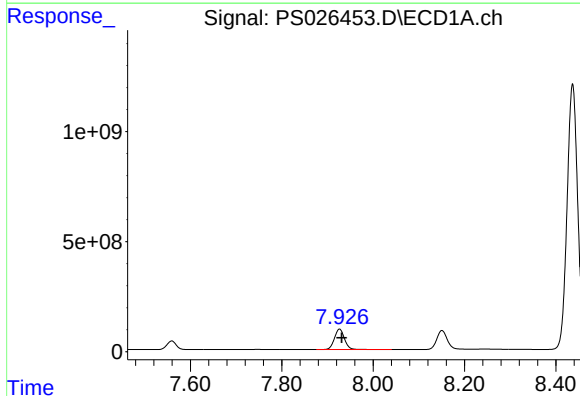
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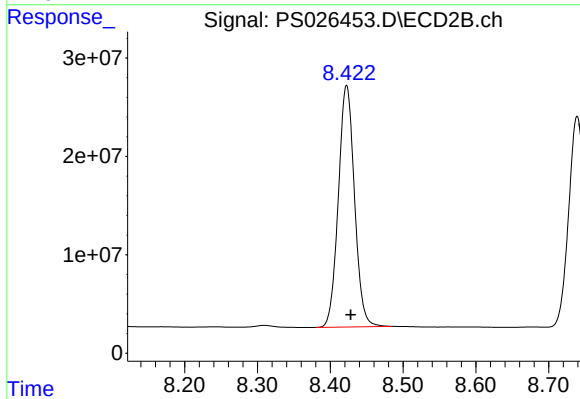
#7 MCPA

R.T.: 8.064 min  
Delta R.T.: -0.004 min  
Response: 157809493  
Conc: 41.77 ug/ml



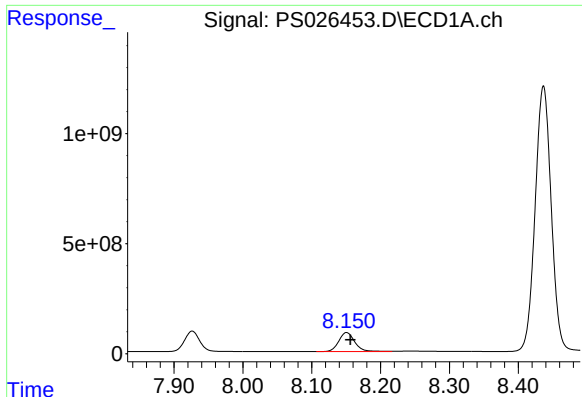
#8 DICHLORPROP

R.T.: 7.926 min  
Delta R.T.: -0.005 min  
Response: 1398275672  
Conc: 465.61 ng/ml



#8 DICHLORPROP

R.T.: 8.423 min  
Delta R.T.: -0.006 min  
Response: 378133814  
Conc: 420.14 ng/ml



#9 2,4-D

R.T.: 8.151 min  
Delta R.T.: -0.006 min  
Response: 1398305054  
Conc: 470.62 ng/ml

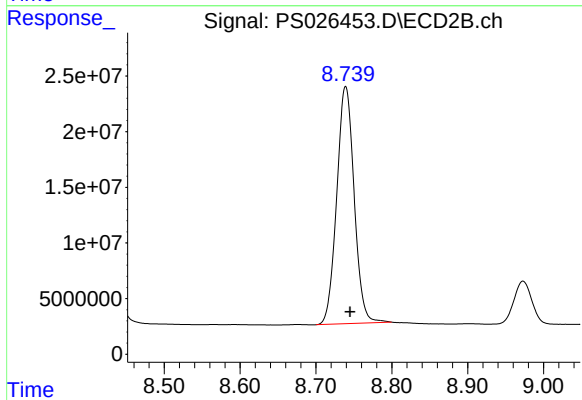
Instrument :

ECD\_S

ClientSampleId :  
PB160326BS

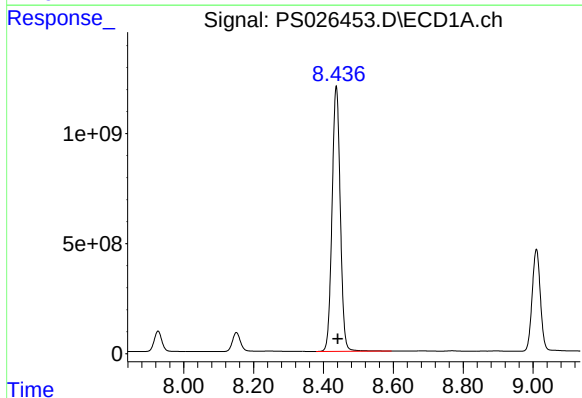
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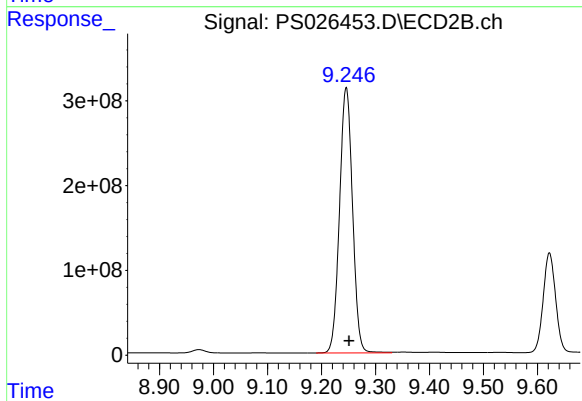
#9 2,4-D

R.T.: 8.739 min  
Delta R.T.: -0.006 min  
Response: 340418759  
Conc: 416.75 ng/ml



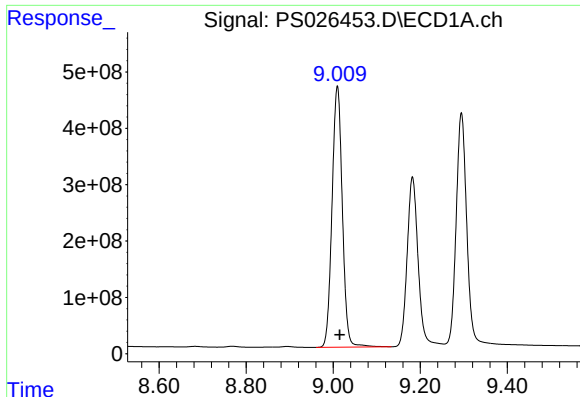
#10 Pentachlorophenol

R.T.: 8.437 min  
Delta R.T.: -0.004 min  
Response: 19624093681  
Conc: 501.53 ng/ml



#10 Pentachlorophenol

R.T.: 9.246 min  
Delta R.T.: -0.005 min  
Response: 5227240929  
Conc: 410.90 ng/ml



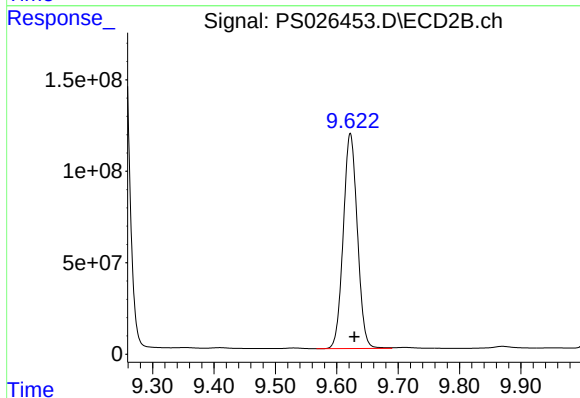
#11 2,4,5-TP (SILVEX)

R.T.: 9.010 min  
Delta R.T.: -0.005 min  
Response: 7590482822  
Conc: 478.59 ng/ml

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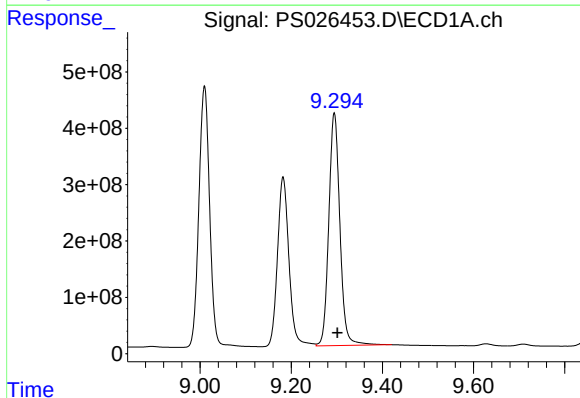
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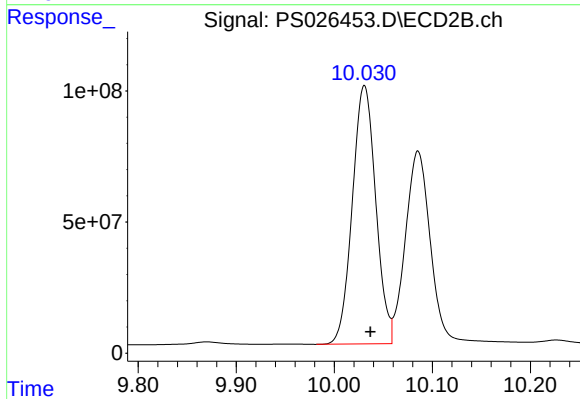
#11 2,4,5-TP (SILVEX)

R.T.: 9.622 min  
Delta R.T.: -0.007 min  
Response: 1875223832  
Conc: 386.22 ng/ml



#12 2,4,5-T

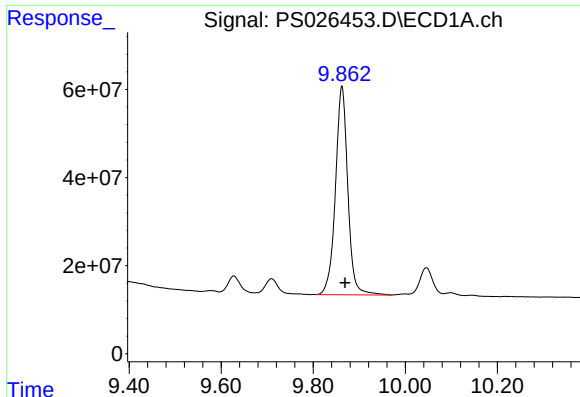
R.T.: 9.294 min  
Delta R.T.: -0.007 min  
Response: 6974265436  
Conc: 483.47 ng/ml



#12 2,4,5-T

R.T.: 10.031 min  
Delta R.T.: -0.006 min  
Response: 1633546821  
Conc: 395.46 ng/ml





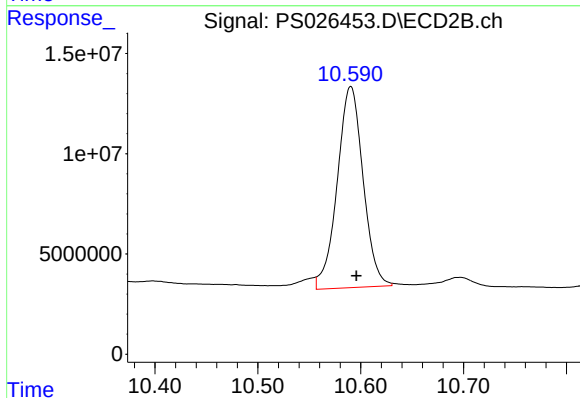
#13 2,4-DB

R.T.: 9.862 min  
Delta R.T.: -0.007 min  
Response: 883054037  
Conc: 473.48 ng/ml

Instrument :  
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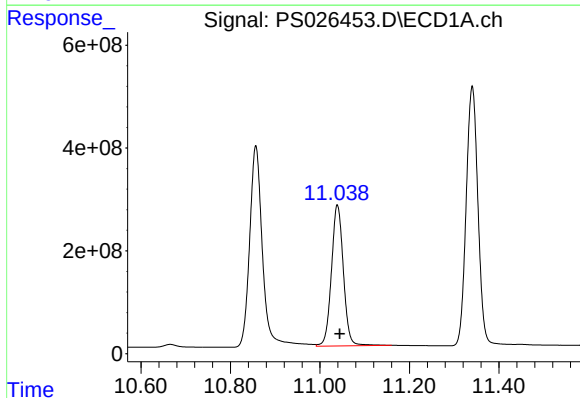
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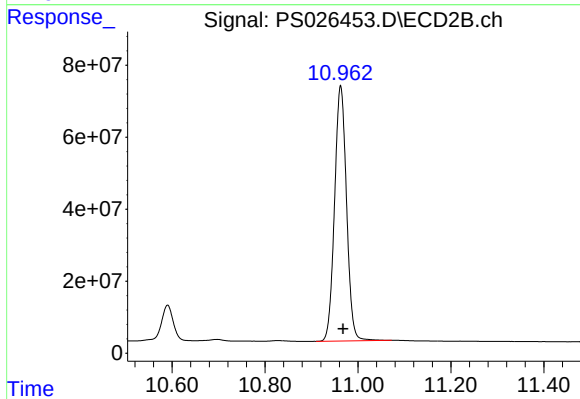
#13 2,4-DB

R.T.: 10.590 min  
Delta R.T.: -0.006 min  
Response: 175149404  
Conc: 417.36 ng/ml m



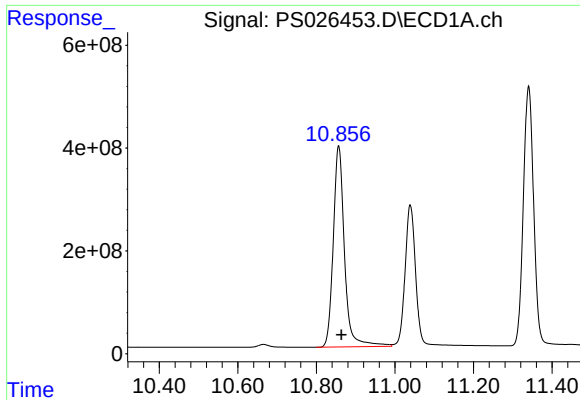
#14 DINOSEB

R.T.: 11.039 min  
Delta R.T.: -0.006 min  
Response: 5074497860  
Conc: 482.82 ng/ml



#14 DINOSEB

R.T.: 10.963 min  
Delta R.T.: -0.006 min  
Response: 1265189342  
Conc: 389.50 ng/ml



#15 Picloram

R.T.: 10.857 min  
Delta R.T.: -0.007 min  
Response: 7776942610  
Conc: 484.56 ng/ml

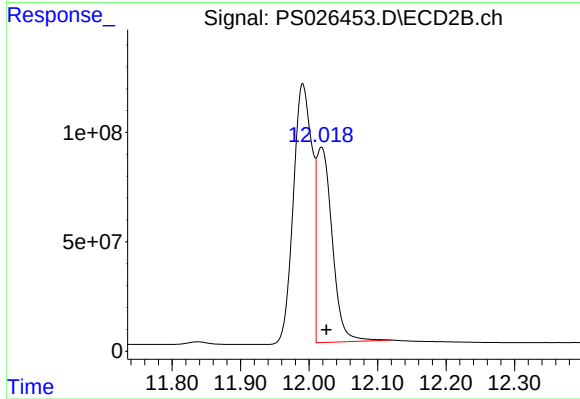
Instrument :

ECD\_S

ClientSampleId :  
PB160326BS

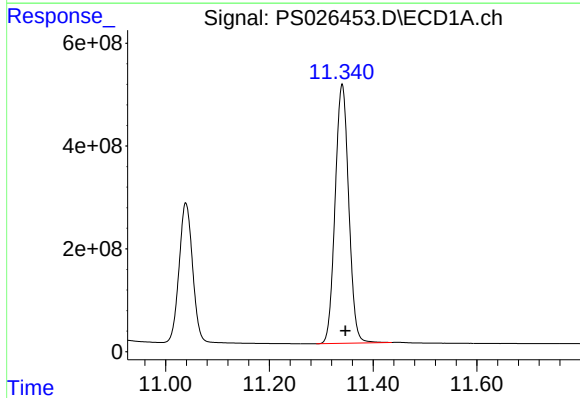
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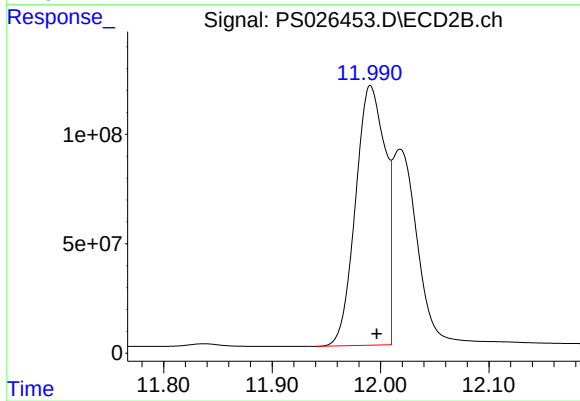
#15 Picloram

R.T.: 12.018 min  
Delta R.T.: -0.007 min  
Response: 1419628411  
Conc: 411.88 ng/ml



#16 DCPA

R.T.: 11.340 min  
Delta R.T.: -0.006 min  
Response: 9159237386  
Conc: 504.01 ng/ml



#16 DCPA

R.T.: 11.991 min  
Delta R.T.: -0.006 min  
Response: 2265712666  
Conc: 420.37 ng/ml