

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS081623\  
 Data File : PS024098.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2023 21:29  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/17/2023  
 Supervised By : Ankita Jodhani 08/17/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 22:23:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080823.M  
 Quant Title : 8080.M  
 QLast Update : Tue Aug 08 13:26:17 2023  
 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     | 6.367  | 6.797  | 1667.4E6  | 565.4E6  | 841.887  | 840.577  |
| Target Compounds            |              |        |        |           |          |          |          |
| 1) T                        | Dalapon      | 2.491  | 2.557  | 1629.0E6  | 809.5E6  | 742.416m | 740.321m |
| 2) T                        | 3,5-DICHL... | 5.740  | 5.979  | 2350.0E6  | 841.2E6  | 775.261m | 802.785  |
| 3) T                        | 4-Nitroph... | 6.204  | 6.409  | 918.1E6   | 312.3E6  | 829.521  | 789.051  |
| 5) T                        | DICAMBA      | 6.509  | 6.960  | 7100.3E6  | 2361.3E6 | 807.143  | 805.127  |
| 6) T                        | MCPD         | 6.661  | 7.057  | 509.0E6   | 155.4E6  | 81.622   | 80.331   |
| 7) T                        | MCPA         | 6.785  | 7.265  | 699.9E6   | 233.0E6  | 83.325   | 79.639   |
| 8) T                        | DICHLORPROP  | 7.097  | 7.576  | 1775.2E6  | 581.0E6  | 788.947  | 794.745  |
| 9) T                        | 2,4-D        | 7.294  | 7.861  | 2047.9E6  | 692.0E6  | 826.419  | 812.389  |
| 10) T                       | Pentachlo... | 7.524  | 8.286  | 25614.0E6 | 8628.7E6 | 817.085  | 803.055  |
| 11) T                       | 2,4,5-TP ... | 8.046  | 8.646  | 10697.1E6 | 3347.7E6 | 817.986  | 814.233  |
| 12) T                       | 2,4,5-T      | 8.300  | 9.016  | 9652.9E6  | 3193.0E6 | 861.558  | 844.965  |
| 13) T                       | 2,4-DB       | 8.806  | 9.520  | 1592.6E6  | 391.3E6  | 894.925  | 858.422  |
| 14) T                       | DINOSEB      | 9.862  | 9.848  | 7765.4E6  | 2437.1E6 | 837.714  | 812.642  |
| 15) T                       | Picloram     | 9.685  | 10.803 | 12047.9E6 | 4366.9E6 | 931.819  | 876.375  |
| 16) T                       | DCPA         | 10.127 | 10.772 | 12955.5E6 | 4196.0E6 | 823.504  | 816.180  |
| -----                       |              |        |        |           |          |          |          |

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

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Acq On : 16 Aug 2023 21:29  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

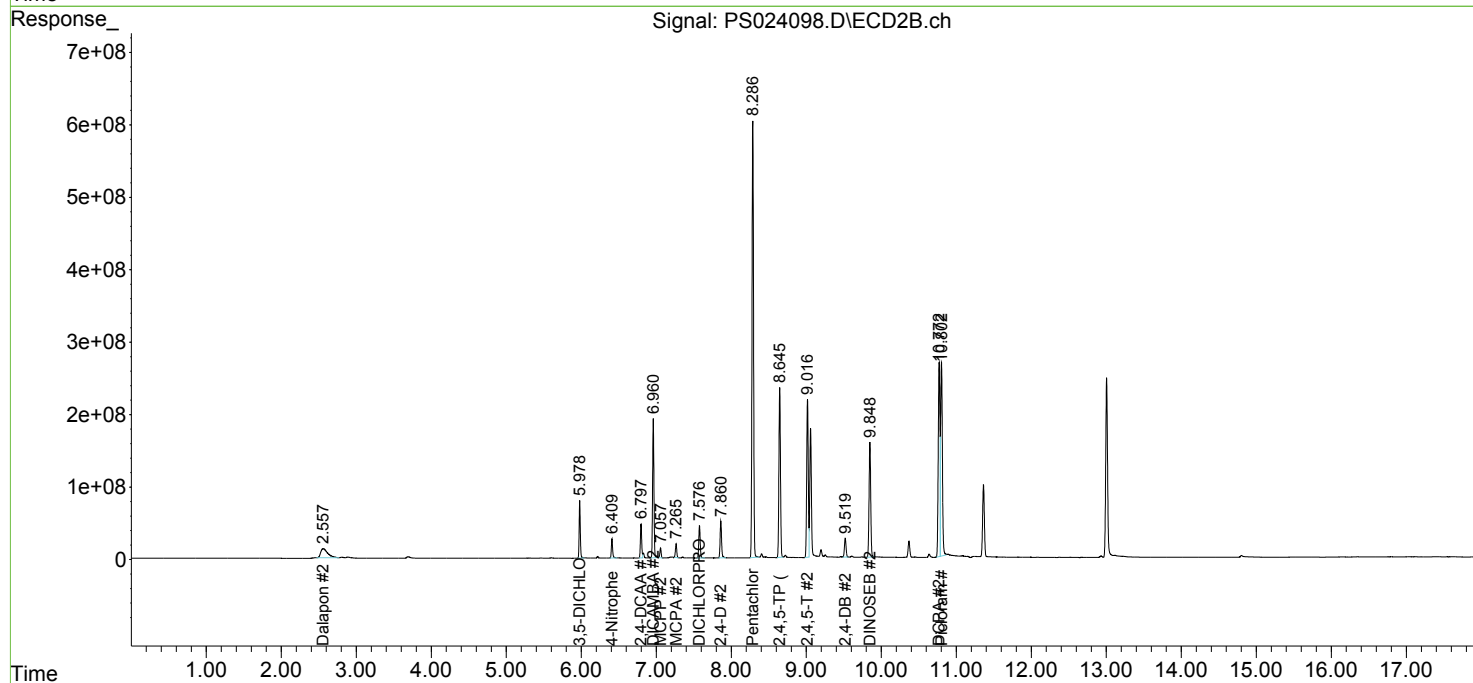
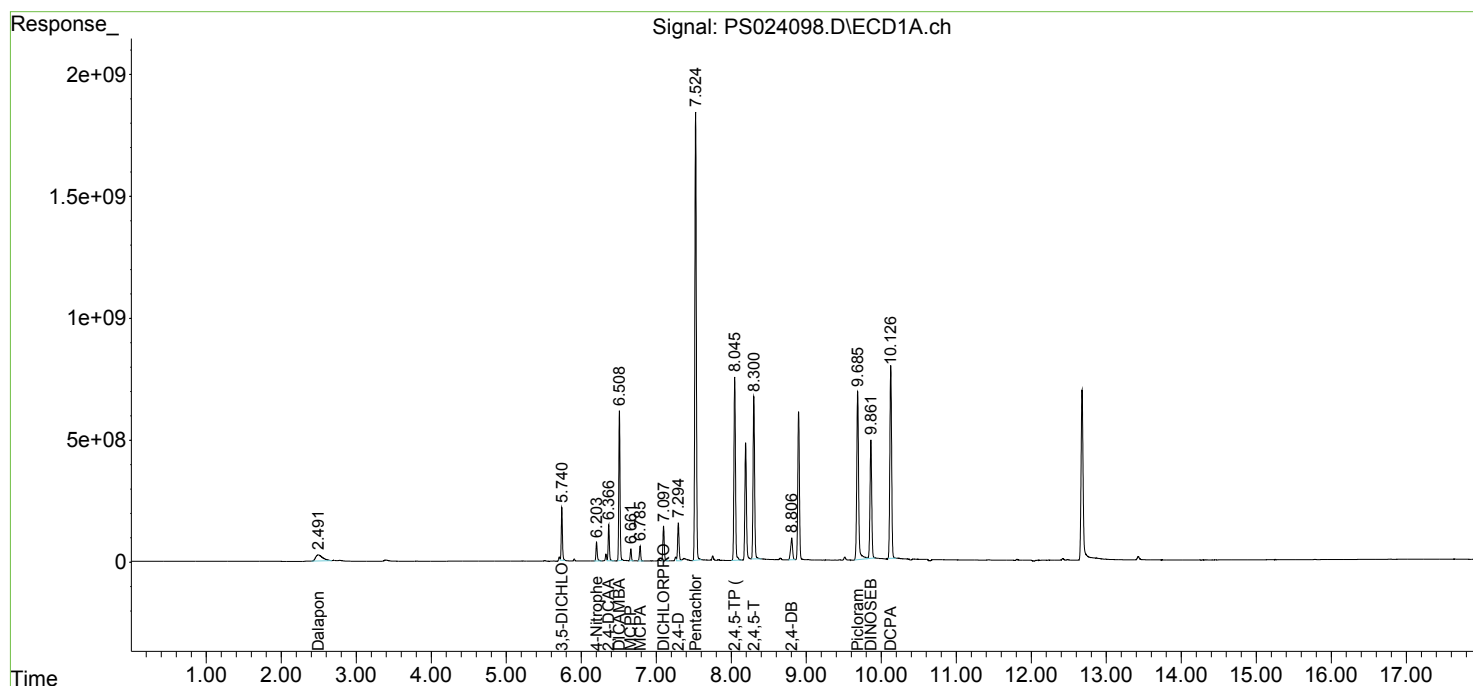
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

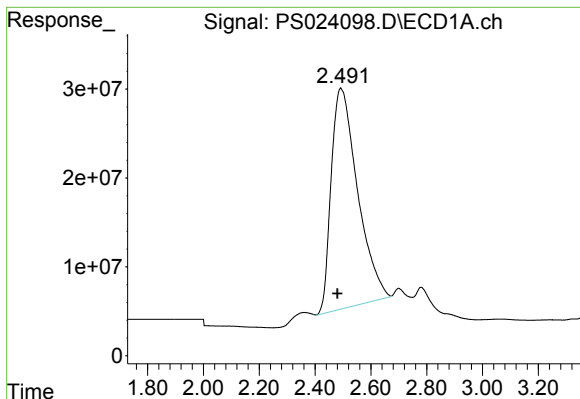
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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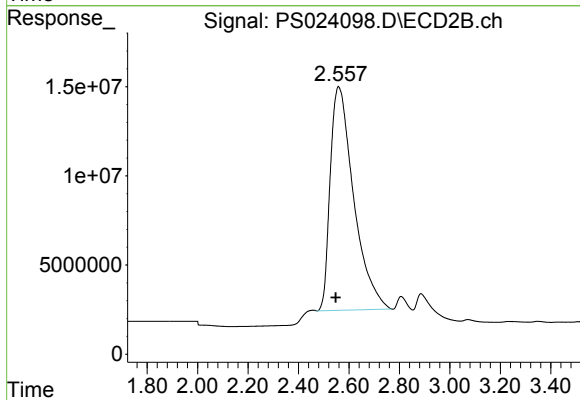
#1 Dalapon

R.T.: 2.491 min  
Delta R.T.: 0.011 min  
Response: 1629043689  
Conc: 742.42 ng/ml

Instrument :  
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ClientSampleId :  
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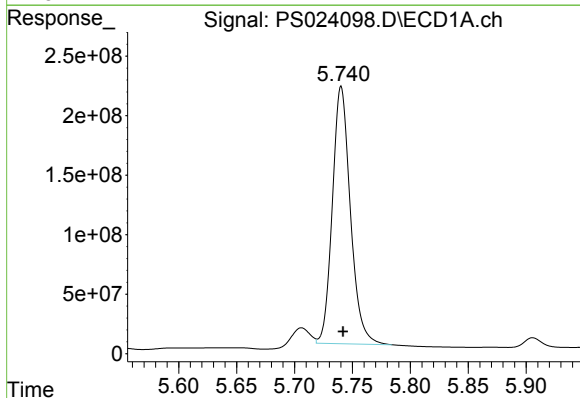
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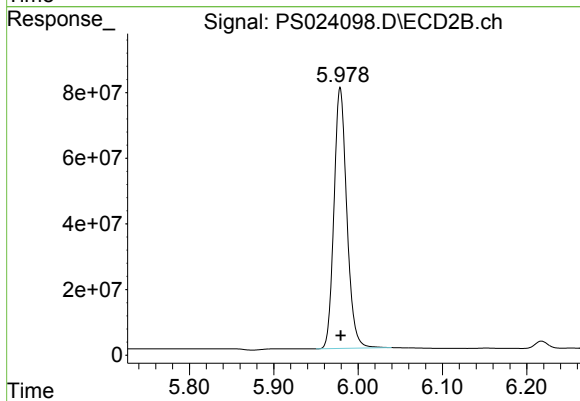
#1 Dalapon

R.T.: 2.557 min  
Delta R.T.: 0.010 min  
Response: 809508658  
Conc: 740.32 ng/ml m



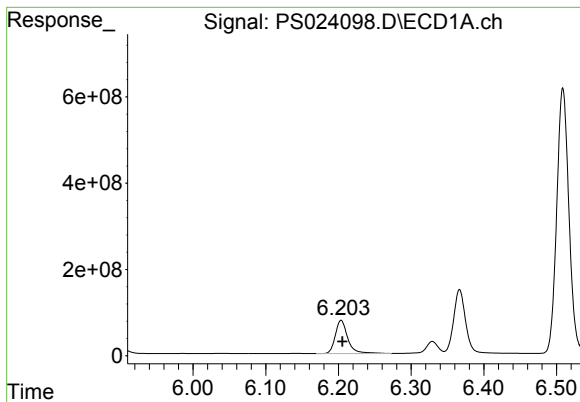
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.740 min  
Delta R.T.: -0.002 min  
Response: 2349963906  
Conc: 775.26 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 841157648  
Conc: 802.79 ng/ml



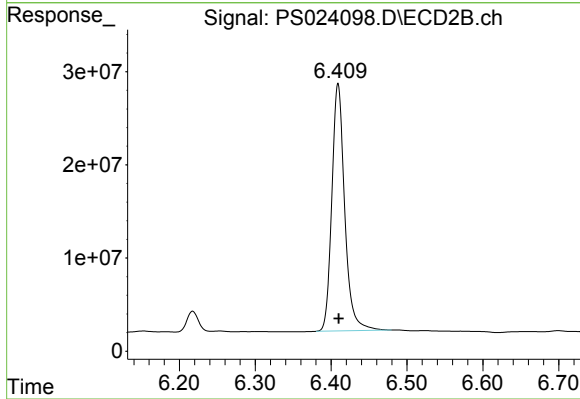
#3 4-Nitrophenol

R.T.: 6.204 min  
Delta R.T.: -0.002 min  
Response: 918129560  
Conc: 829.52 ng/ml

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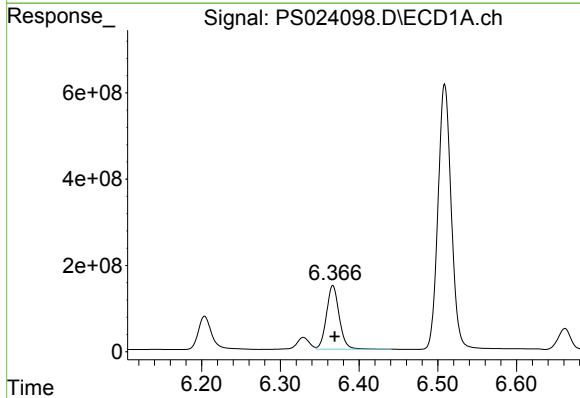
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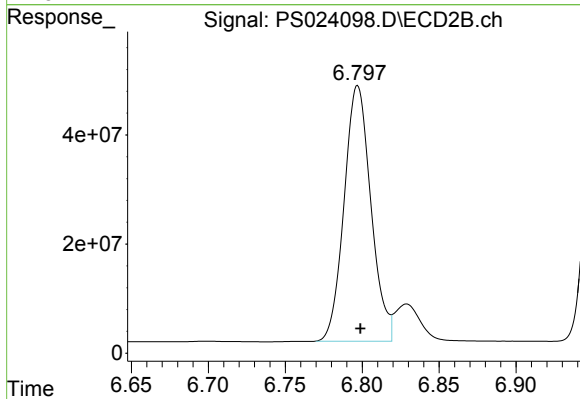
#3 4-Nitrophenol

R.T.: 6.409 min  
Delta R.T.: 0.000 min  
Response: 312305127  
Conc: 789.05 ng/ml



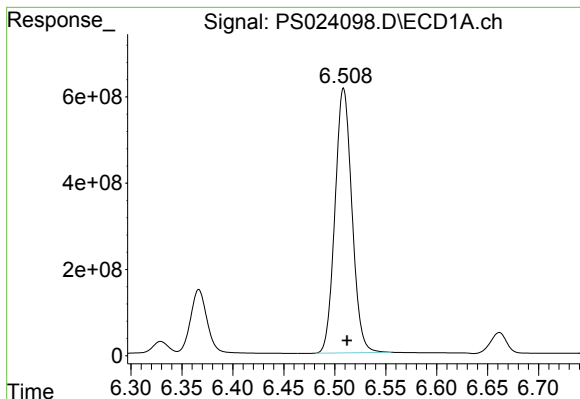
#4 2,4-DCAA

R.T.: 6.367 min  
Delta R.T.: -0.003 min  
Response: 1667409497  
Conc: 841.89 ng/ml



#4 2,4-DCAA

R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 565395166  
Conc: 840.58 ng/ml



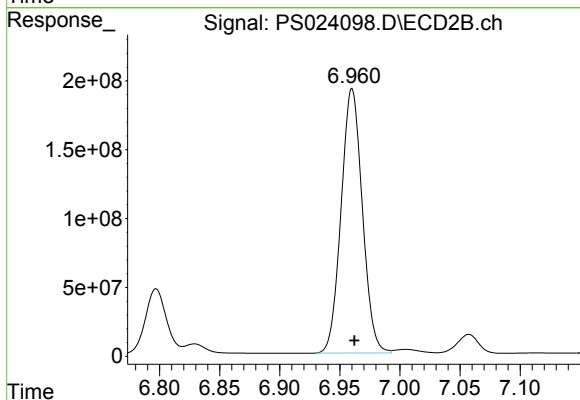
#5 DICAMBA

R.T.: 6.509 min  
Delta R.T.: -0.003 min  
Response: 7100292948  
Conc: 807.14 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

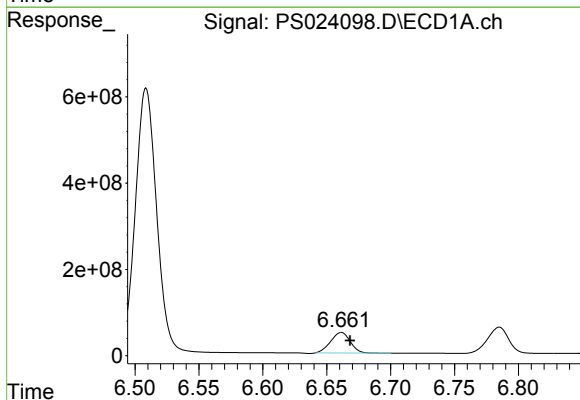
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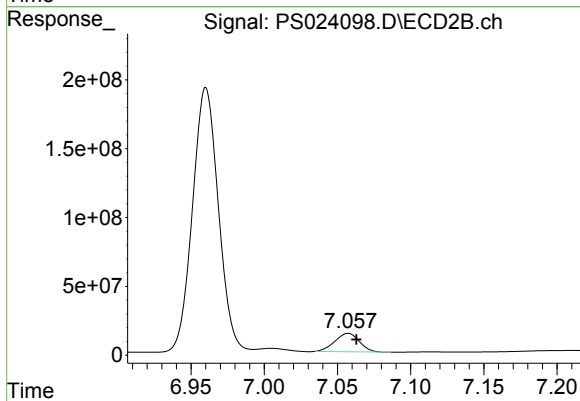
#5 DICAMBA

R.T.: 6.960 min  
Delta R.T.: -0.002 min  
Response: 2361263609  
Conc: 805.13 ng/ml



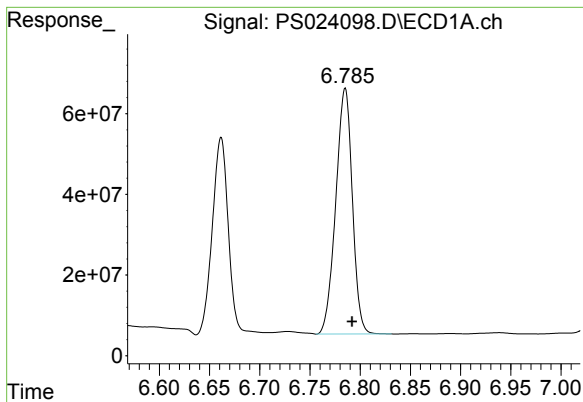
#6 MCP

R.T.: 6.661 min  
Delta R.T.: -0.007 min  
Response: 509035075  
Conc: 81.62 ug/ml



#6 MCP

R.T.: 7.057 min  
Delta R.T.: -0.006 min  
Response: 155409636  
Conc: 80.33 ug/ml



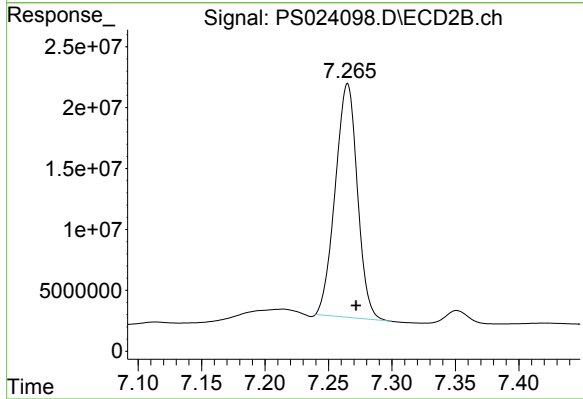
#7 MCPA

R.T.: 6.785 min  
Delta R.T.: -0.007 min  
Response: 699928597  
Conc: 83.33 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

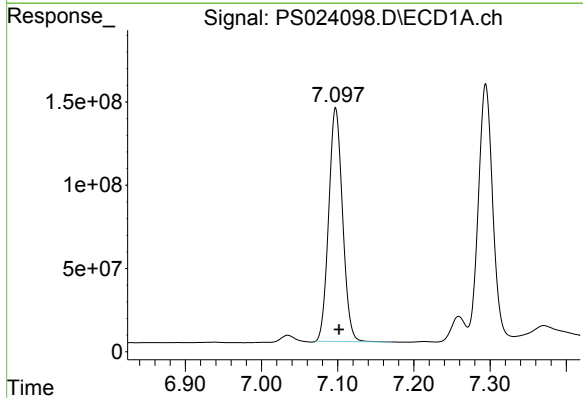
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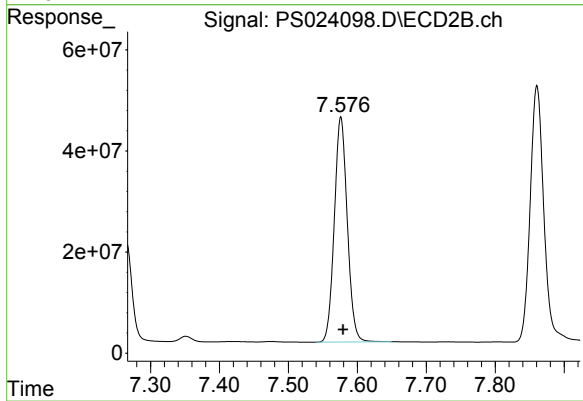
#7 MCPA

R.T.: 7.265 min  
Delta R.T.: -0.007 min  
Response: 232982907  
Conc: 79.64 ug/ml



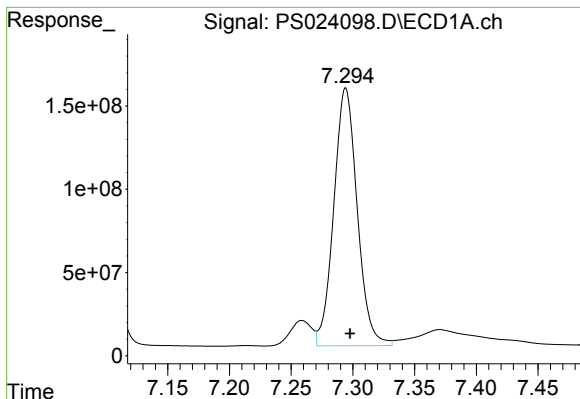
#8 DICHLORPROP

R.T.: 7.097 min  
Delta R.T.: -0.004 min  
Response: 1775240893  
Conc: 788.95 ng/ml



#8 DICHLORPROP

R.T.: 7.576 min  
Delta R.T.: -0.003 min  
Response: 581038285  
Conc: 794.75 ng/ml



#9 2,4-D

R.T.: 7.294 min  
Delta R.T.: -0.004 min  
Response: 2047913238  
Conc: 826.42 ng/ml

Instrument :

ECD\_S

ClientSampleId :

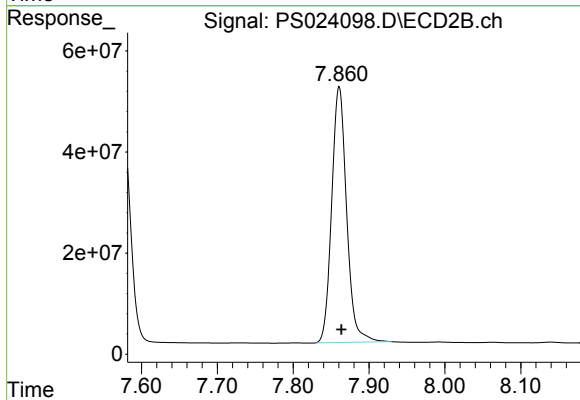
HSTDCCC750

Manual Integrations

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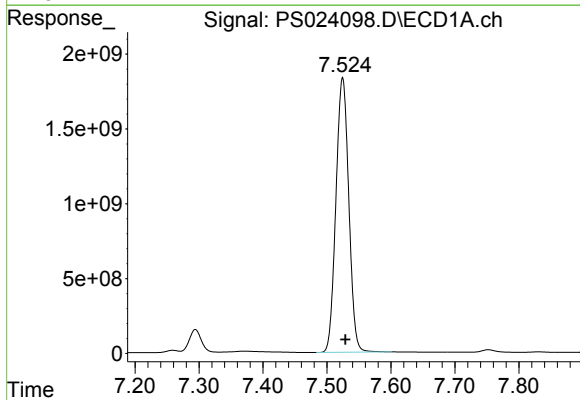
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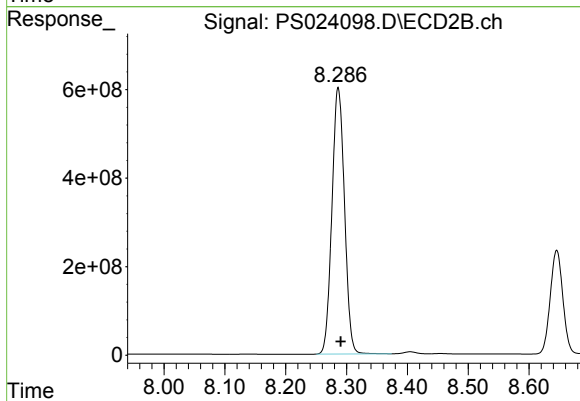
#9 2,4-D

R.T.: 7.861 min  
Delta R.T.: -0.003 min  
Response: 692047256  
Conc: 812.39 ng/ml



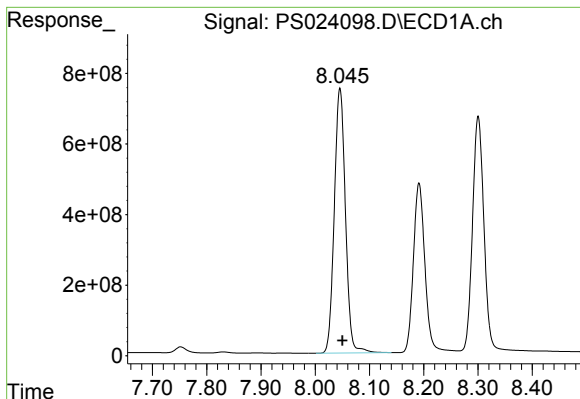
#10 Pentachlorophenol

R.T.: 7.524 min  
Delta R.T.: -0.004 min  
Response: 25614030432  
Conc: 817.08 ng/ml



#10 Pentachlorophenol

R.T.: 8.286 min  
Delta R.T.: -0.004 min  
Response: 8628665626  
Conc: 803.05 ng/ml



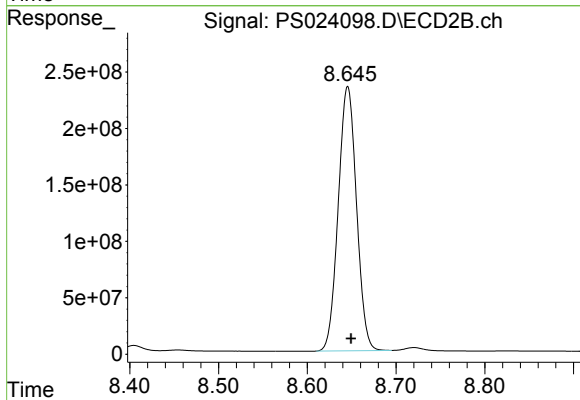
#11 2,4,5-TP (SILVEX)

R.T.: 8.046 min  
Delta R.T.: -0.005 min  
Response: 10697101531  
Conc: 817.99 ng/ml

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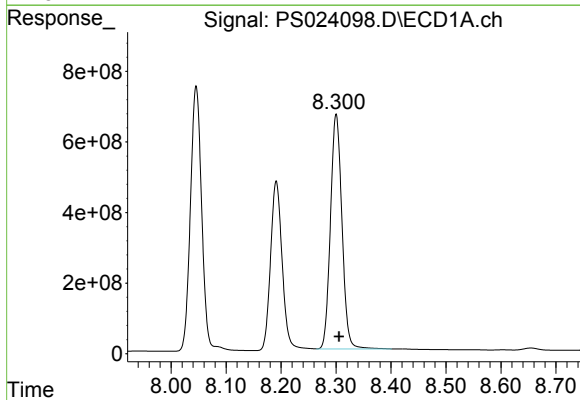
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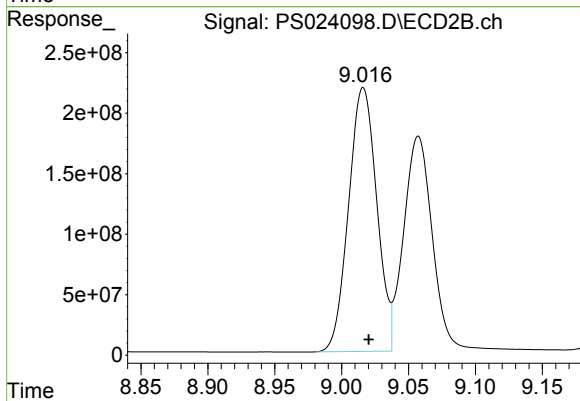
#11 2,4,5-TP (SILVEX)

R.T.: 8.646 min  
Delta R.T.: -0.004 min  
Response: 3347725604  
Conc: 814.23 ng/ml



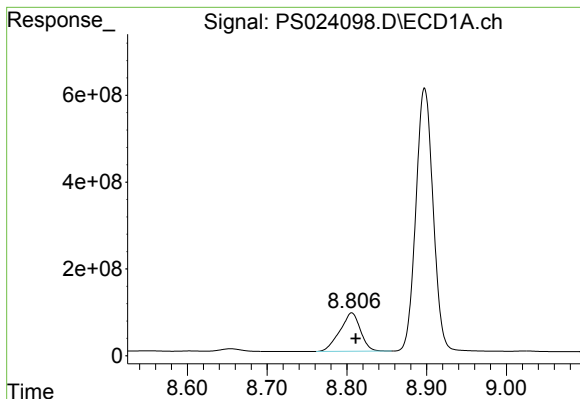
#12 2,4,5-T

R.T.: 8.300 min  
Delta R.T.: -0.006 min  
Response: 9652914404  
Conc: 861.56 ng/ml



#12 2,4,5-T

R.T.: 9.016 min  
Delta R.T.: -0.004 min  
Response: 3193004255  
Conc: 844.97 ng/ml



#13 2,4-DB

R.T.: 8.806 min  
Delta R.T.: -0.005 min  
Response: 1592607408  
Conc: 894.93 ng/ml

Instrument :

ECD\_S

ClientSampleId :

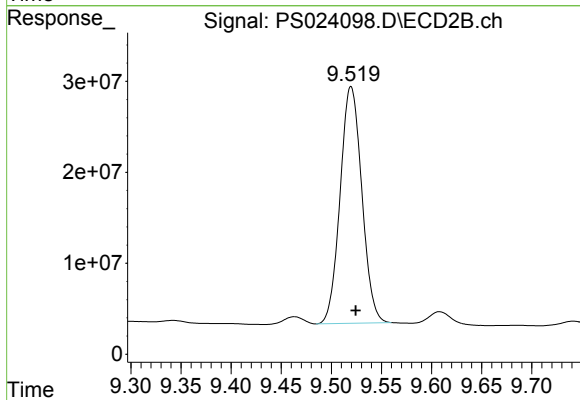
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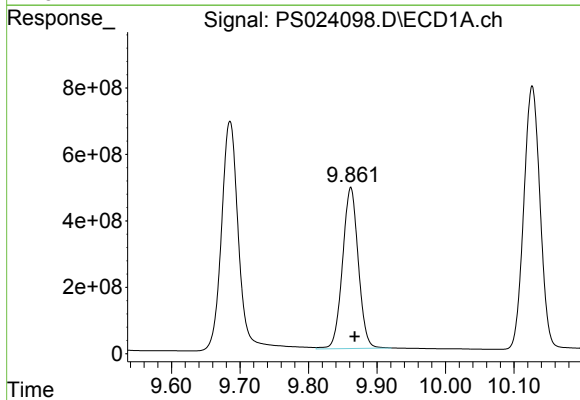
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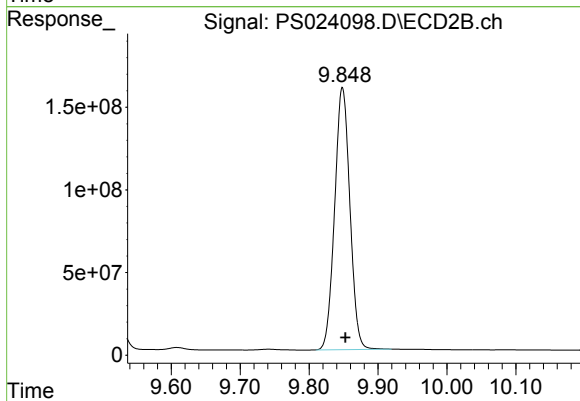
#13 2,4-DB

R.T.: 9.520 min  
Delta R.T.: -0.005 min  
Response: 391294873  
Conc: 858.42 ng/ml



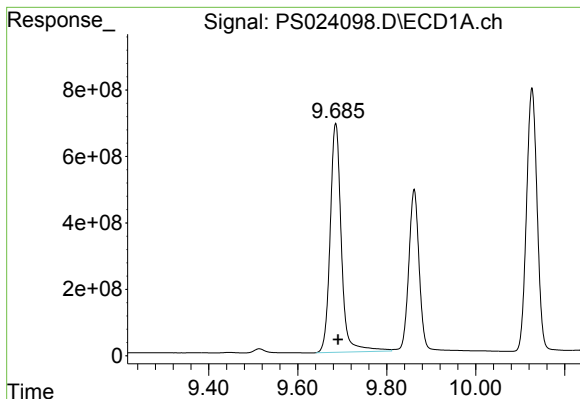
#14 DINOSEB

R.T.: 9.862 min  
Delta R.T.: -0.006 min  
Response: 7765362136  
Conc: 837.71 ng/ml



#14 DINOSEB

R.T.: 9.848 min  
Delta R.T.: -0.004 min  
Response: 2437140308  
Conc: 812.64 ng/ml



#15 Picloram

R.T.: 9.685 min  
Delta R.T.: -0.006 min  
Response: 12047912874  
Conc: 931.82 ng/ml

Instrument :

ECD\_S

ClientSampleId :

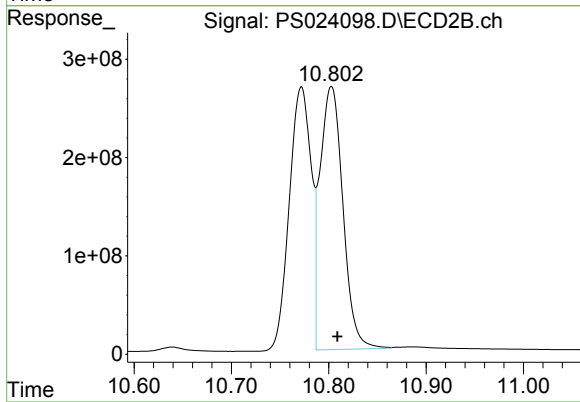
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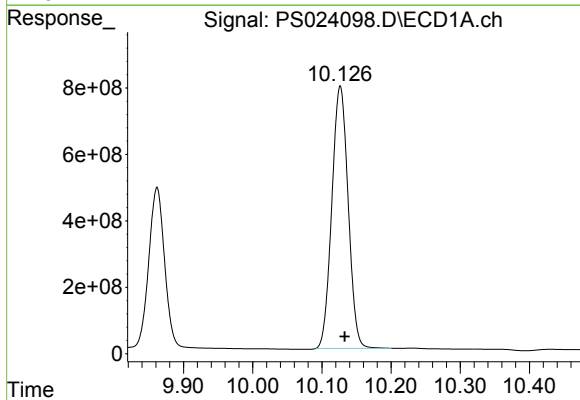
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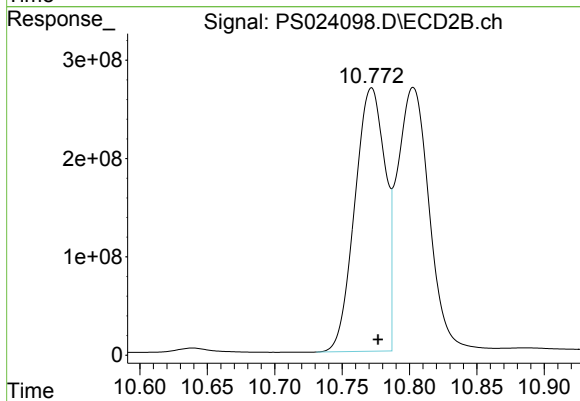
#15 Picloram

R.T.: 10.803 min  
Delta R.T.: -0.006 min  
Response: 4366890037  
Conc: 876.38 ng/ml



#16 DCPA

R.T.: 10.127 min  
Delta R.T.: -0.006 min  
Response: 12955451462  
Conc: 823.50 ng/ml



#16 DCPA

R.T.: 10.772 min  
Delta R.T.: -0.005 min  
Response: 4195974766  
Conc: 816.18 ng/ml