

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS111124\  
 Data File : PS028406.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 16:33  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/12/2024  
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 23:19:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS110924.M  
 Quant Title : 8080.M  
 QLast Update : Fri Nov 08 17:46:43 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     | 7.246  | 7.752  | 2069.5E6  | 1112.0E6  | 749.602 | 697.878  |
| Target Compounds            |              |        |        |           |           |         |          |
| 1) T                        | Dalapon      | 2.647  | 2.706  | 2488.3E6  | 1823.1E6  | 697.382 | 642.907  |
| 2) T                        | 3,5-DICHL... | 6.416  | 6.704  | 2797.4E6  | 1538.7E6  | 699.109 | 649.507  |
| 3) T                        | 4-Nitroph... | 7.045  | 7.278  | 1221.9E6  | 645.5E6   | 658.998 | 609.543  |
| 5) T                        | DICAMBA      | 7.434  | 7.953  | 8711.5E6  | 4839.2E6  | 723.502 | 674.963  |
| 6) T                        | MCPD         | 7.618  | 8.055  | 589.2E6   | 379.5E6   | 72.039  | 64.606   |
| 7) T                        | MCPA         | 7.768  | 8.301  | 788.6E6   | 509.9E6   | 70.336  | 63.682   |
| 8) T                        | DICHLORPROP  | 8.144  | 8.669  | 2202.1E6  | 1168.7E6  | 710.451 | 656.080  |
| 9) T                        | 2,4-D        | 8.375  | 9.000  | 2481.5E6  | 1287.2E6  | 706.143 | 665.617m |
| 10) T                       | Pentachlo... | 8.675  | 9.531  | 34206.6E6 | 16997.6E6 | 759.435 | 682.175  |
| 11) T                       | 2,4,5-TP ... | 9.255  | 9.908  | 13778.1E6 | 7166.6E6  | 727.883 | 676.596  |
| 12) T                       | 2,4,5-T      | 9.547  | 10.328 | 14092.9E6 | 7020.5E6  | 727.151 | 676.611  |
| 13) T                       | 2,4-DB       | 10.124 | 10.895 | 2159.4E6  | 871.8E6   | 698.646 | 657.840  |
| 14) T                       | DINOSEB      | 11.339 | 11.276 | 11605.2E6 | 4779.7E6  | 715.781 | 665.943  |
| 15) T                       | Picloram     | 11.144 | 12.373 | 22787.5E6 | 9898.5E6  | 725.579 | 687.757  |
| 16) T                       | DCPA         | 11.632 | 12.321 | 19401.4E6 | 7625.2E6  | 725.928 | 680.209  |
| -----                       |              |        |        |           |           |         |          |

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

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Acq On : 11 Nov 2024 16:33  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

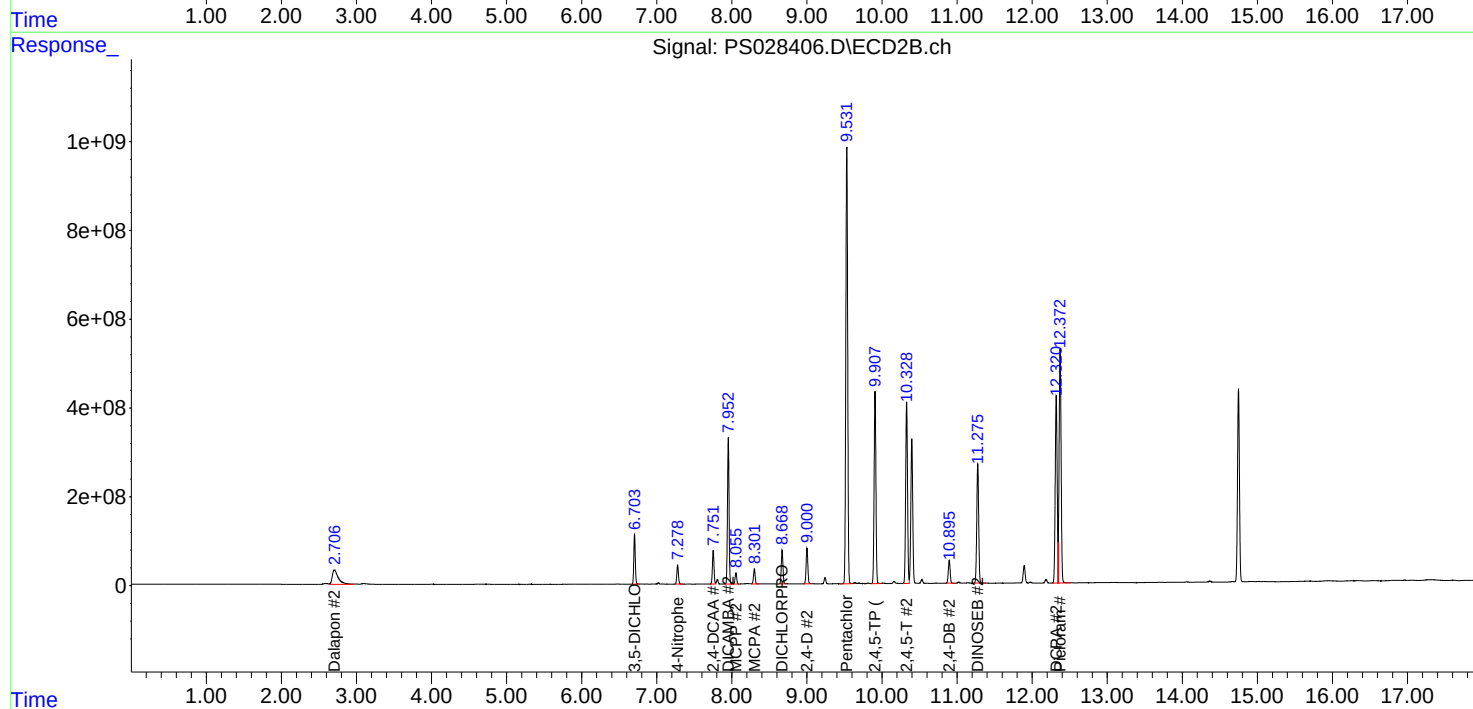
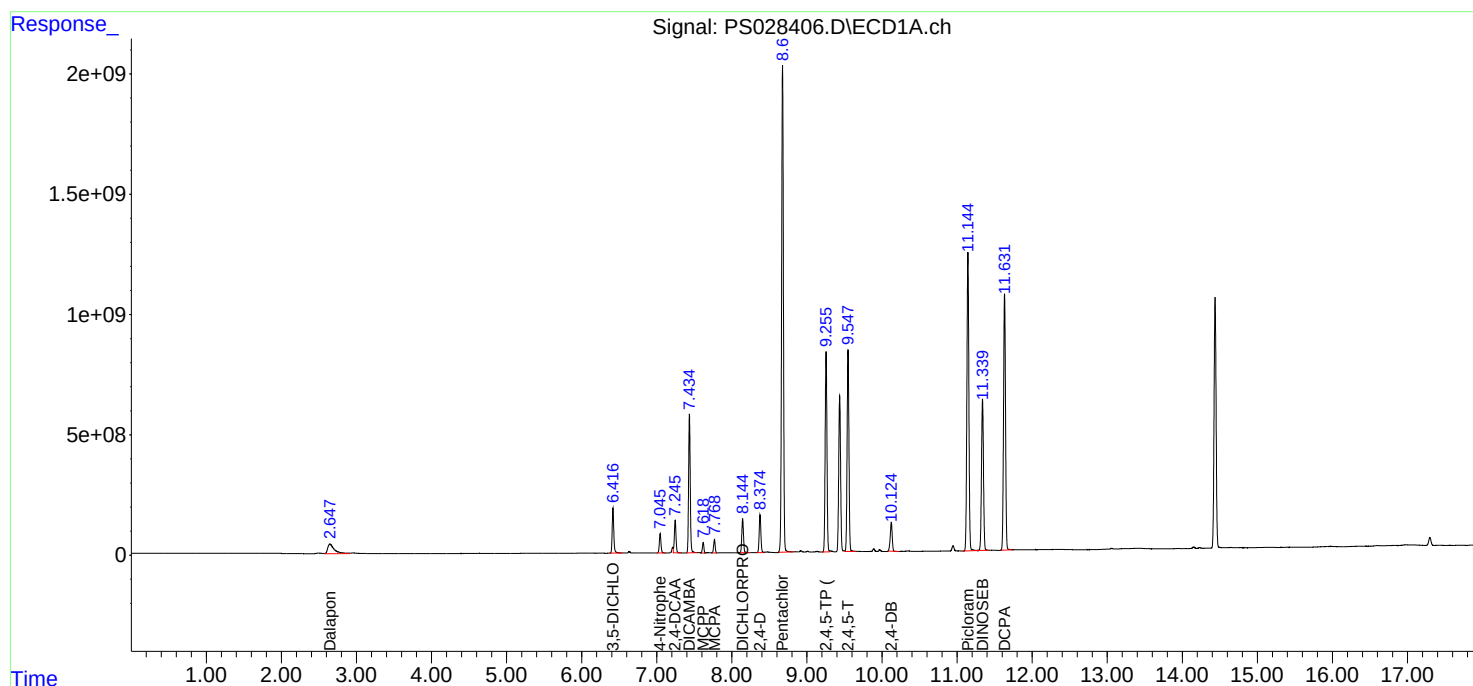
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

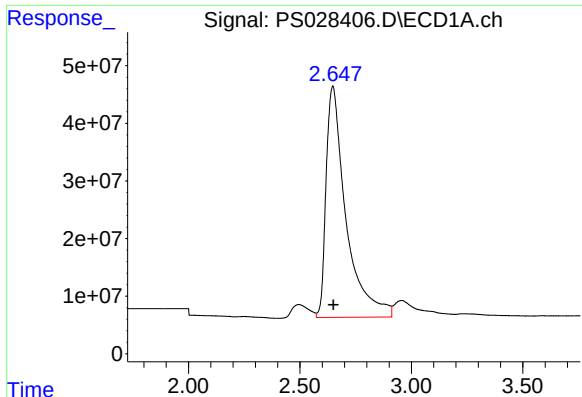
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 11/12/2024  
Supervised By : Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS110924.M  
Quant Title : 8080.M  
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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





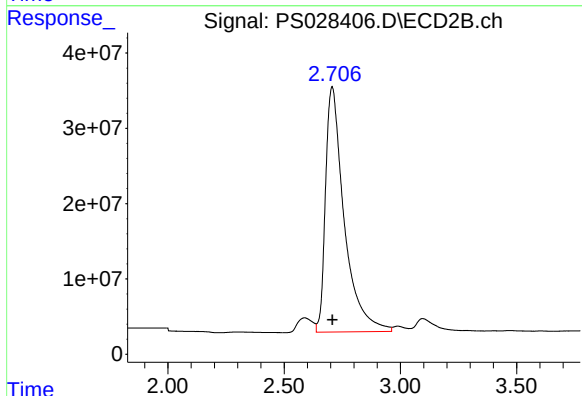
#1 Dalapon

R.T.: 2.647 min  
Delta R.T.: -0.003 min  
Response: 2488344762  
Conc: 697.38 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

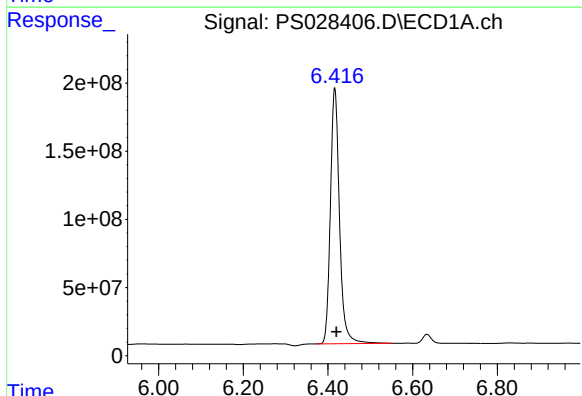
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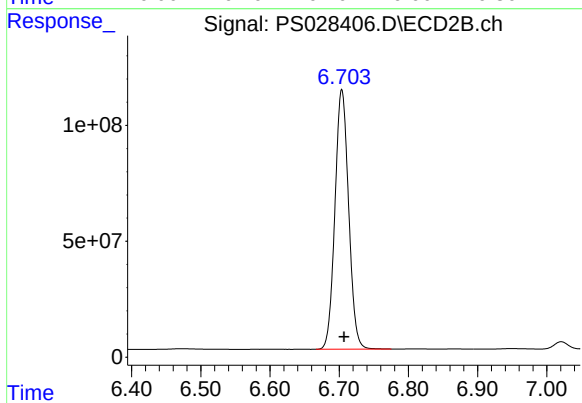
#1 Dalapon

R.T.: 2.706 min  
Delta R.T.: 0.000 min  
Response: 1823066770  
Conc: 642.91 ng/ml



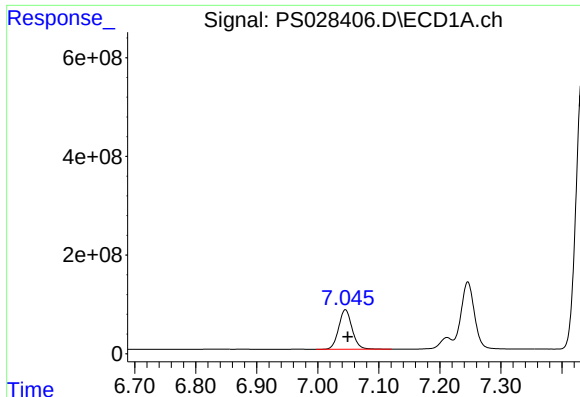
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.416 min  
Delta R.T.: -0.004 min  
Response: 2797402120  
Conc: 699.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min  
Delta R.T.: -0.003 min  
Response: 1538711176  
Conc: 649.51 ng/ml



#3 4-Nitrophenol

R.T.: 7.045 min  
Delta R.T.: -0.004 min  
Response: 1221934274  
Conc: 659.00 ng/ml

Instrument :

ECD\_S

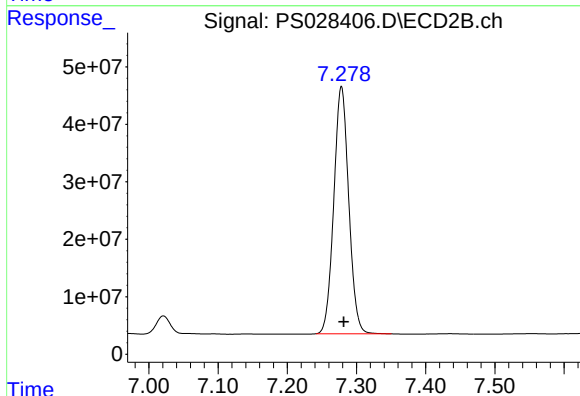
ClientSampleId :

HSTDCCC750

Manual Integrations

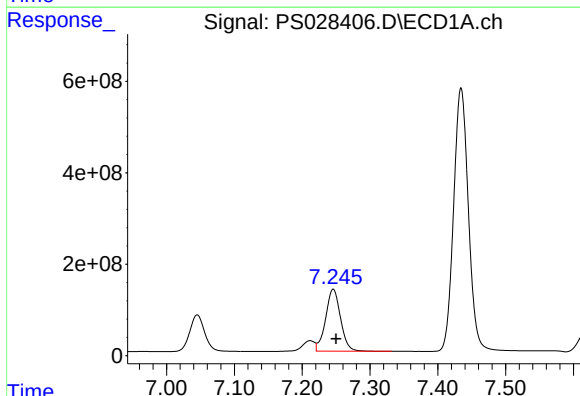
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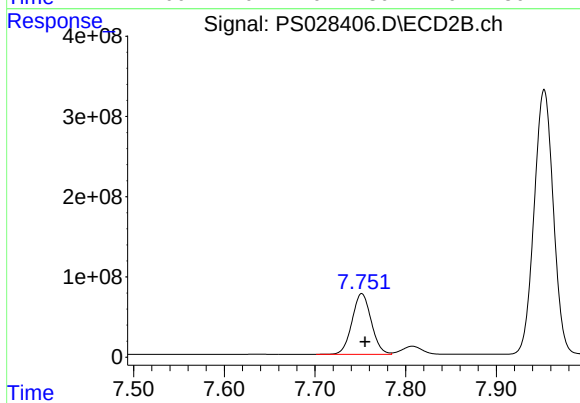
#3 4-Nitrophenol

R.T.: 7.278 min  
Delta R.T.: -0.003 min  
Response: 645508605  
Conc: 609.54 ng/ml



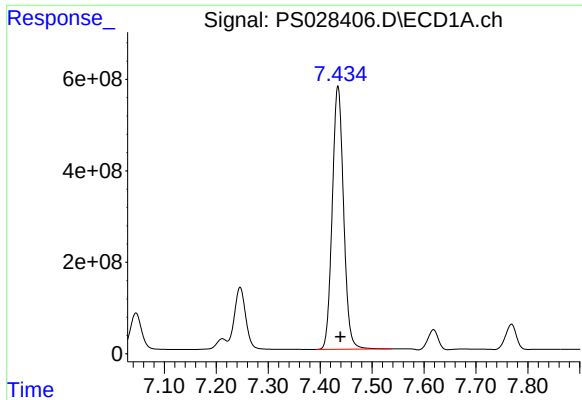
#4 2,4-DCAA

R.T.: 7.246 min  
Delta R.T.: -0.004 min  
Response: 2069467617  
Conc: 749.60 ng/ml



#4 2,4-DCAA

R.T.: 7.752 min  
Delta R.T.: -0.004 min  
Response: 1112013100  
Conc: 697.88 ng/ml



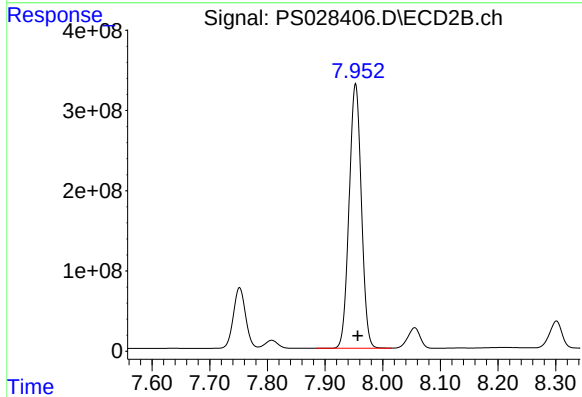
#5 DICAMBA

R.T.: 7.434 min  
Delta R.T.: -0.004 min  
Response: 8711506109  
Conc: 723.50 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

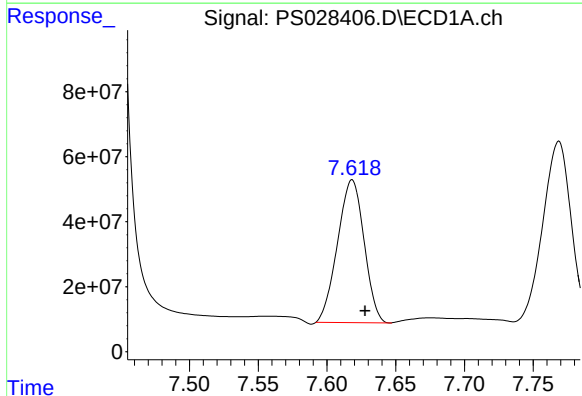
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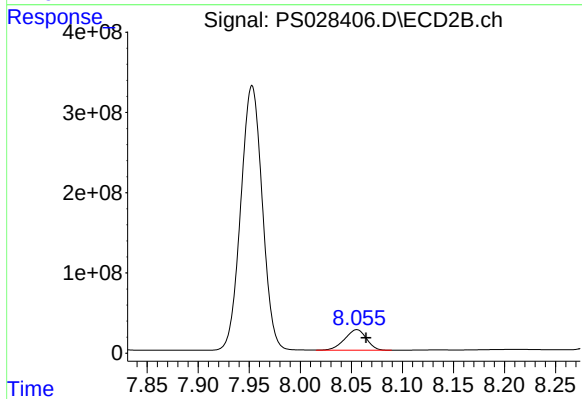
#5 DICAMBA

R.T.: 7.953 min  
Delta R.T.: -0.004 min  
Response: 4839153825  
Conc: 674.96 ng/ml



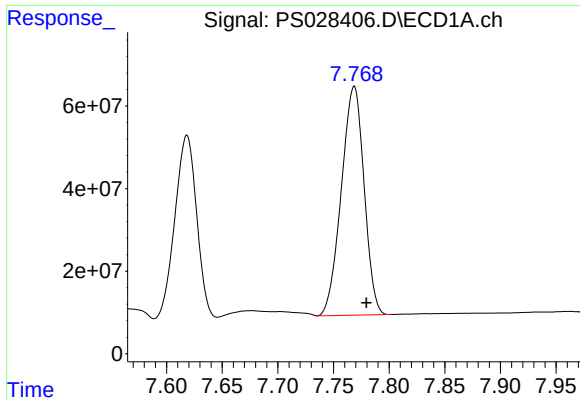
#6 MCP

R.T.: 7.618 min  
Delta R.T.: -0.009 min  
Response: 589180507  
Conc: 72.04 ug/ml



#6 MCP

R.T.: 8.055 min  
Delta R.T.: -0.009 min  
Response: 379534569  
Conc: 64.61 ug/ml



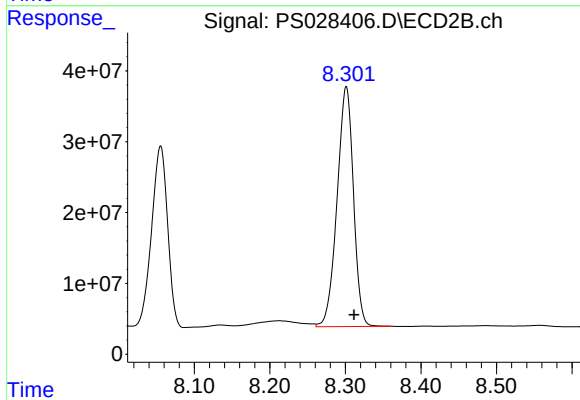
#7 MCPA

R.T.: 7.768 min  
Delta R.T.: -0.011 min  
Response: 788605310  
Conc: 70.34 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

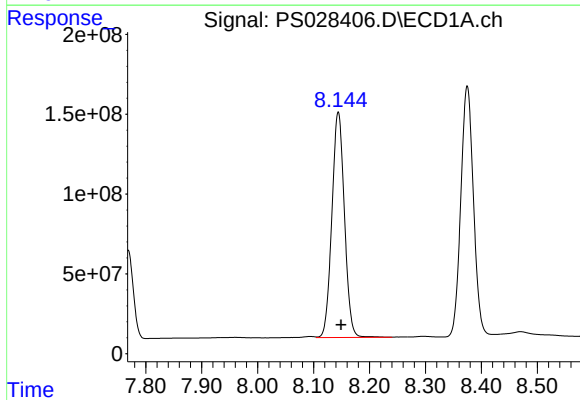
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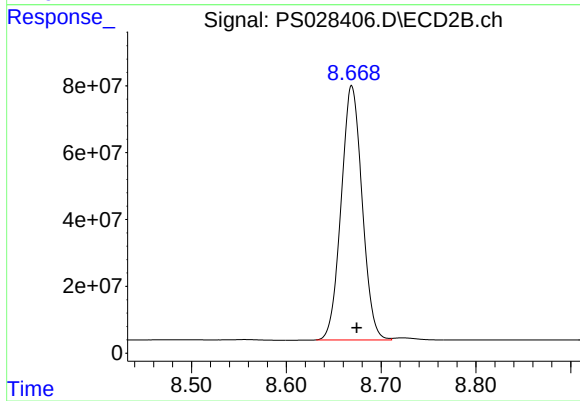
#7 MCPA

R.T.: 8.301 min  
Delta R.T.: -0.011 min  
Response: 509942729  
Conc: 63.68 ug/ml



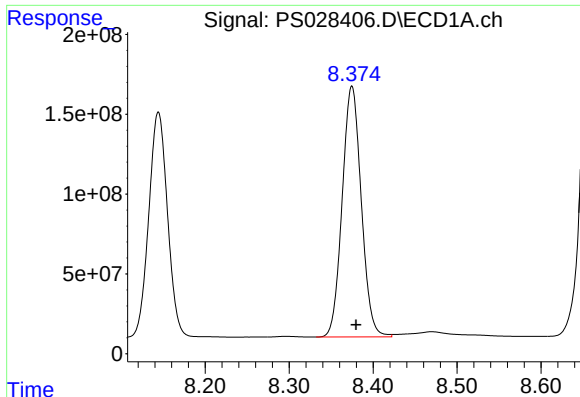
#8 DICHLORPROP

R.T.: 8.144 min  
Delta R.T.: -0.005 min  
Response: 2202141347  
Conc: 710.45 ng/ml



#8 DICHLORPROP

R.T.: 8.669 min  
Delta R.T.: -0.005 min  
Response: 1168651879  
Conc: 656.08 ng/ml



#9 2,4-D

R.T.: 8.375 min  
Delta R.T.: -0.005 min  
Response: 2481530958  
Conc: 706.14 ng/ml

Instrument :

ECD\_S

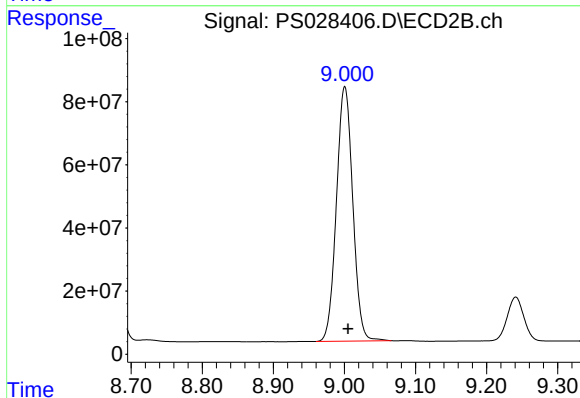
ClientSampleId :

HSTDCCC750

Manual Integrations

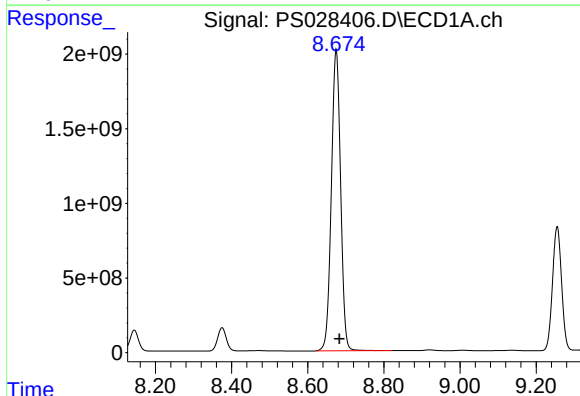
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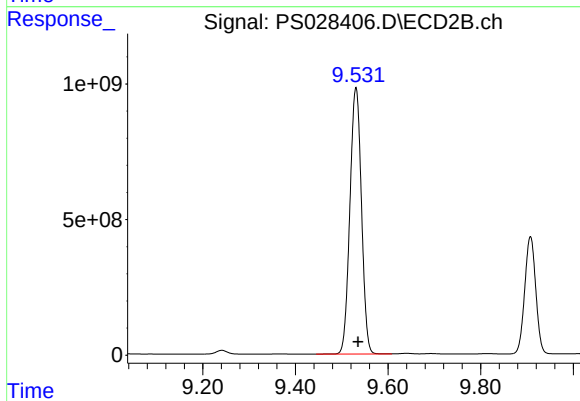
#9 2,4-D

R.T.: 9.000 min  
Delta R.T.: -0.005 min  
Response: 1287182242  
Conc: 665.62 ng/ml m



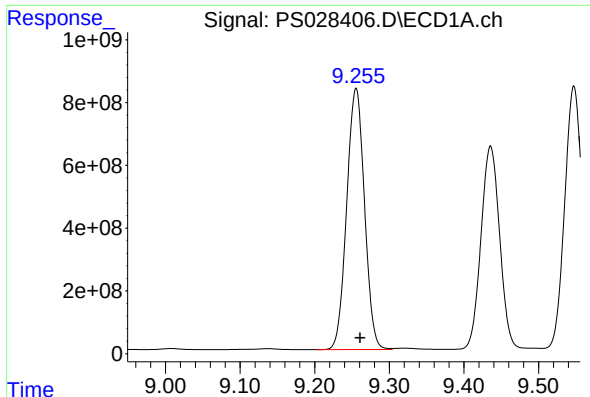
#10 Pentachlorophenol

R.T.: 8.675 min  
Delta R.T.: -0.008 min  
Response: 34206557891  
Conc: 759.44 ng/ml



#10 Pentachlorophenol

R.T.: 9.531 min  
Delta R.T.: -0.005 min  
Response: 16997647377  
Conc: 682.18 ng/ml



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

R.T.: 9.255 min  
Delta R.T.: -0.006 min  
Response: 13778060240  
Conc: 727.88 ng/ml

Instrument :

ECD\_S

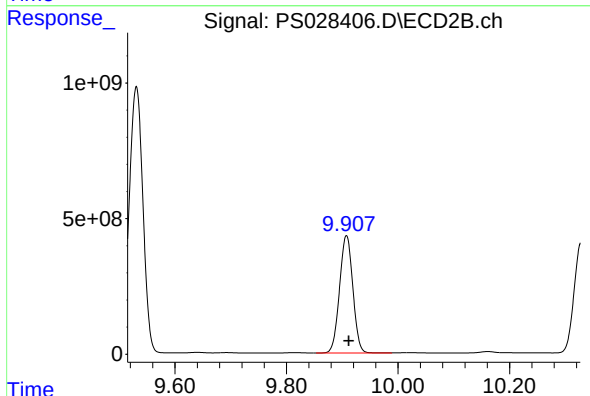
ClientSampleId :

HSTDCCC750

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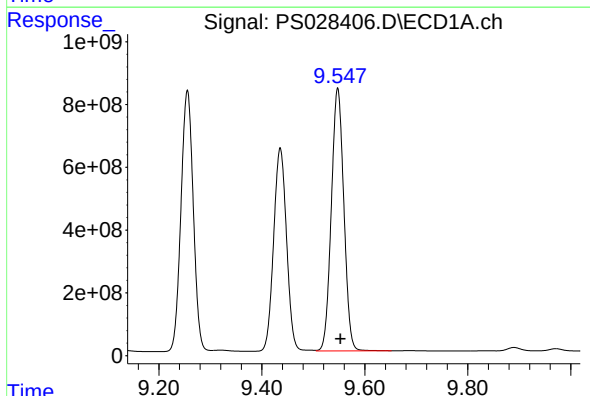
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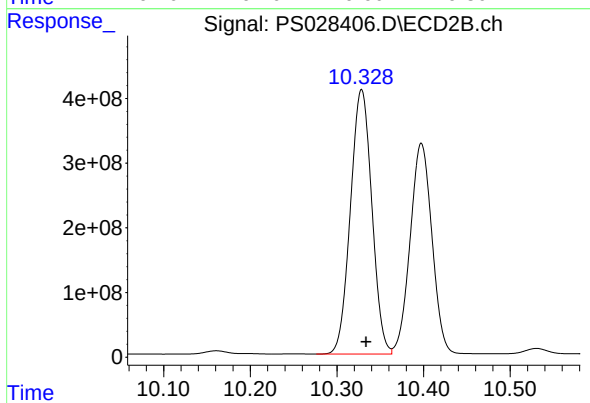
#11 2,4,5-TP (SILVEX)

R.T.: 9.908 min  
Delta R.T.: -0.004 min  
Response: 7166645161  
Conc: 676.60 ng/ml



#12 2,4,5-T

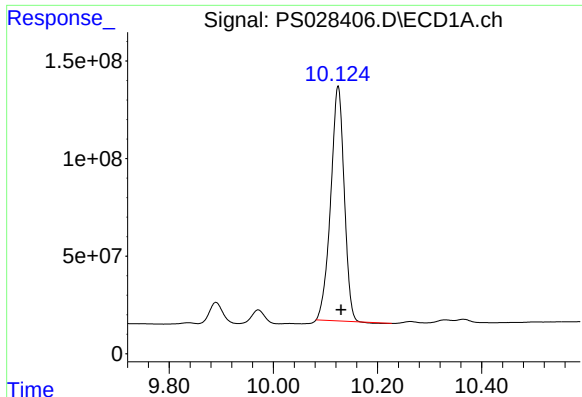
R.T.: 9.547 min  
Delta R.T.: -0.005 min  
Response: 14092910021  
Conc: 727.15 ng/ml



#12 2,4,5-T

R.T.: 10.328 min  
Delta R.T.: -0.005 min  
Response: 7020540525  
Conc: 676.61 ng/ml





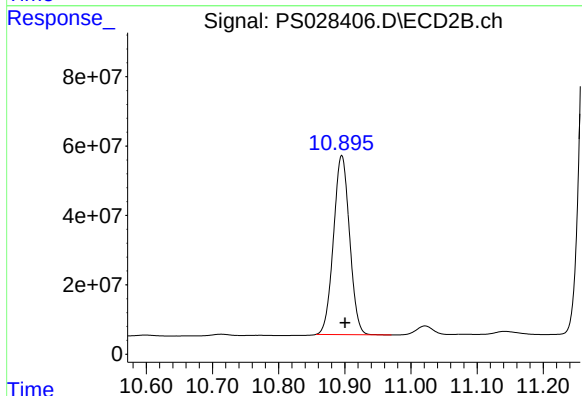
#13 2,4-DB

R.T.: 10.124 min  
Delta R.T.: -0.006 min  
Response: 2159433433  
Conc: 698.65 ng/ml

Instrument :  
ECD\_S  
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HSTDCCC750

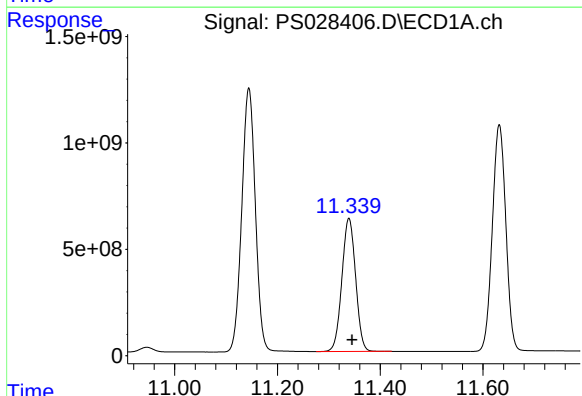
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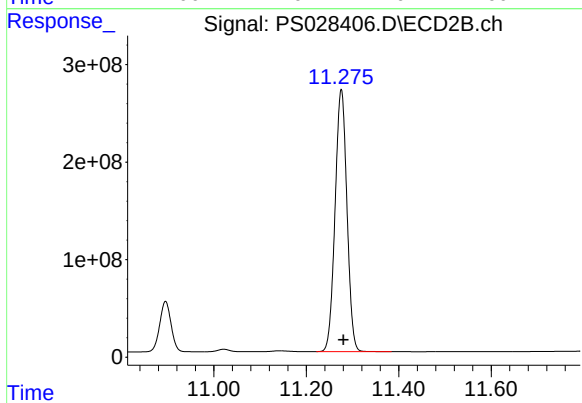
#13 2,4-DB

R.T.: 10.895 min  
Delta R.T.: -0.005 min  
Response: 871823133  
Conc: 657.84 ng/ml



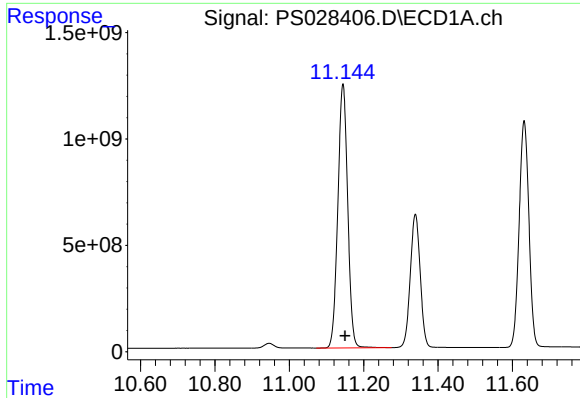
#14 DINOSEB

R.T.: 11.339 min  
Delta R.T.: -0.006 min  
Response: 11605214410  
Conc: 715.78 ng/ml



#14 DINOSEB

R.T.: 11.276 min  
Delta R.T.: -0.005 min  
Response: 4779698934  
Conc: 665.94 ng/ml



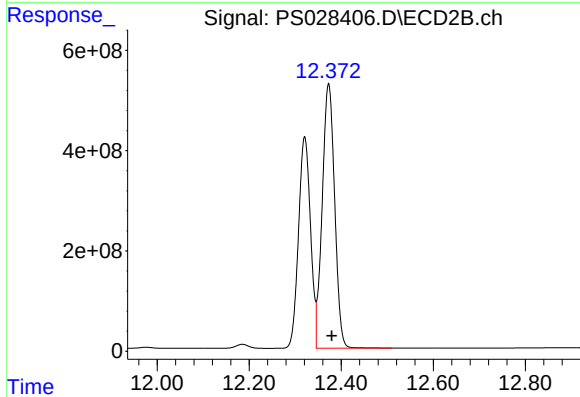
#15 Picloram

R.T.: 11.144 min  
Delta R.T.: -0.006 min  
Response: 22787496023  
Conc: 725.58 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

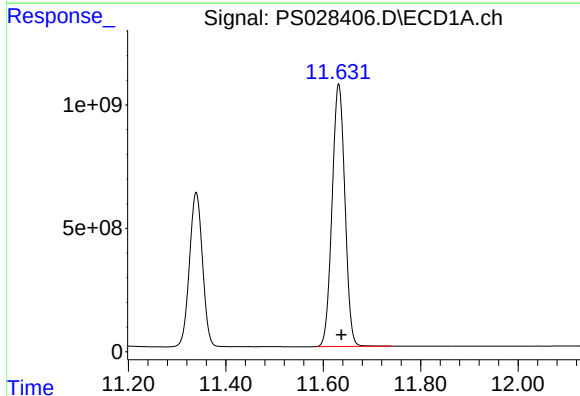
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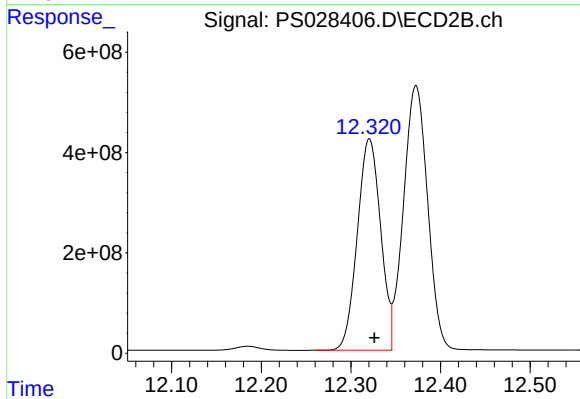
#15 Picloram

R.T.: 12.373 min  
Delta R.T.: -0.007 min  
Response: 9898546049  
Conc: 687.76 ng/ml



#16 DCPA

R.T.: 11.632 min  
Delta R.T.: -0.006 min  
Response: 19401447379  
Conc: 725.93 ng/ml



#16 DCPA

R.T.: 12.321 min  
Delta R.T.: -0.006 min  
Response: 7625243119  
Conc: 680.21 ng/ml