

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS101524\  
 Data File : PS027942.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2024 12:40  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/16/2024  
 Supervised By : Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 01:25:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS100724.M  
 Quant Title : 8080.M  
 QLast Update : Mon Oct 07 13:46:03 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 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     | 7.096  | 7.623  | 2064.9E6  | 718.0E6  | 766.403 | 722.607m |
| Target Compounds            |              |        |        |           |          |         |          |
| 1) T                        | Dalapon      | 2.545  | 2.620  | 3176.0E6  | 1124.4E6 | 707.690 | 675.041  |
| 2) T                        | 3,5-DICHL... | 6.287  | 6.594  | 2841.3E6  | 921.9E6  | 715.303 | 674.175  |
| 3) T                        | 4-Nitroph... | 6.890  | 7.157  | 1292.4E6  | 469.4E6  | 707.833 | 691.478  |
| 5) T                        | DICAMBA      | 7.275  | 7.817  | 7969.0E6  | 2380.0E6 | 730.489 | 684.464  |
| 6) T                        | MCPD         | 7.454  | 7.920  | 555.7E6   | 203.5E6  | 74.719  | 73.935   |
| 7) T                        | MCPA         | 7.599  | 8.160  | 771.0E6   | 319.1E6  | 72.791  | 63.788   |
| 8) T                        | DICHLORPROP  | 7.959  | 8.522  | 2081.4E6  | 641.5E6  | 727.306 | 649.960  |
| 9) T                        | 2,4-D        | 8.182  | 8.847  | 2407.6E6  | 698.1E6  | 715.694 | 696.520  |
| 10) T                       | Pentachlo... | 8.468  | 9.361  | 29077.4E6 | 9399.6E6 | 748.381 | 680.192  |
| 11) T                       | 2,4,5-TP ... | 9.034  | 9.737  | 11795.1E6 | 3435.8E6 | 748.148 | 693.496  |
| 12) T                       | 2,4,5-T      | 9.319  | 10.151 | 12100.6E6 | 2980.3E6 | 748.217 | 692.238  |
| 13) T                       | 2,4-DB       | 9.882  | 10.713 | 1893.9E6  | 356.3E6  | 730.180 | 703.627  |
| 14) T                       | DINOSEB      | 11.057 | 11.087 | 7945.1E6  | 2447.7E6 | 753.586 | 724.577  |
| 15) T                       | Picloram     | 10.874 | 12.162 | 15565.5E6 | 2892.2E6 | 723.053 | 692.342  |
| 16) T                       | DCPA         | 11.357 | 12.119 | 13685.9E6 | 3455.2E6 | 770.567 | 719.794  |
| -----                       |              |        |        |           |          |         |          |

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

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Acq On : 15 Oct 2024 12:40  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

## Instrument :

ECD\_S

## ClientSampleId :

HSTDCCC750

## Manual Integrations

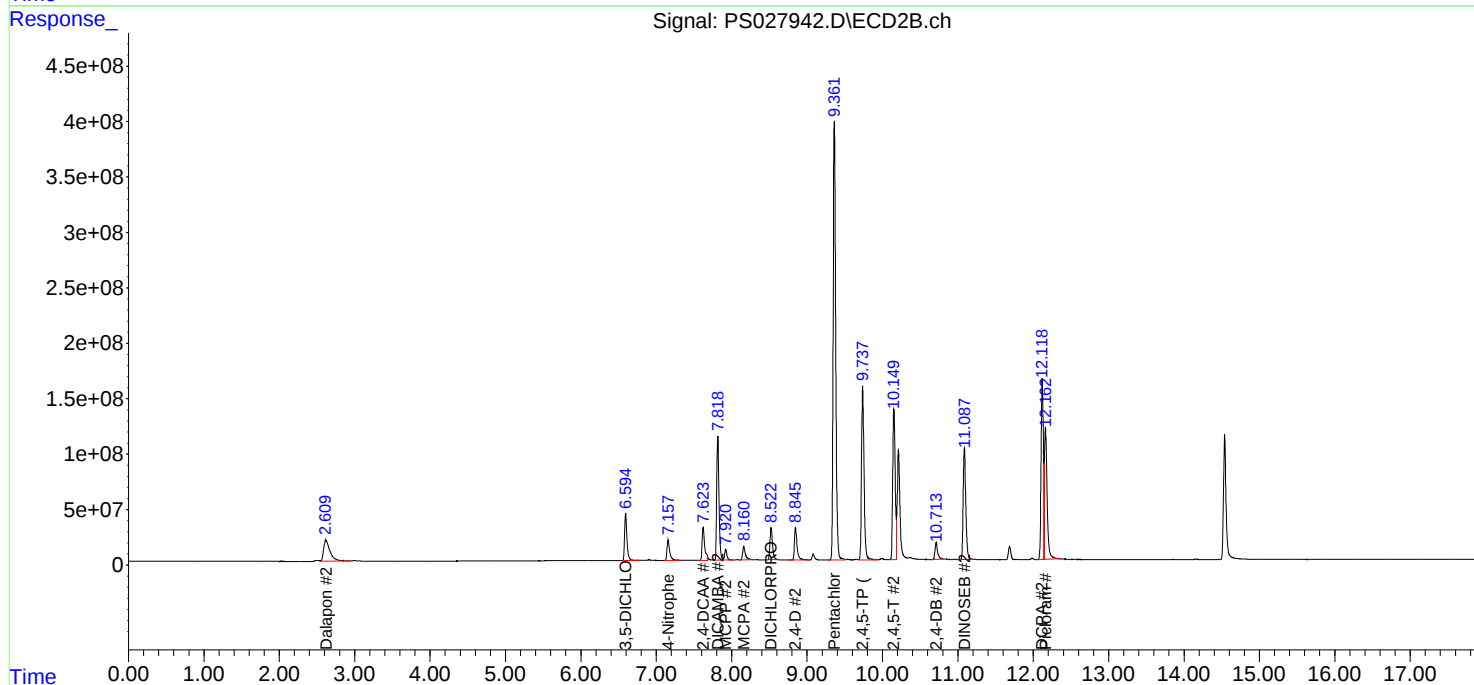
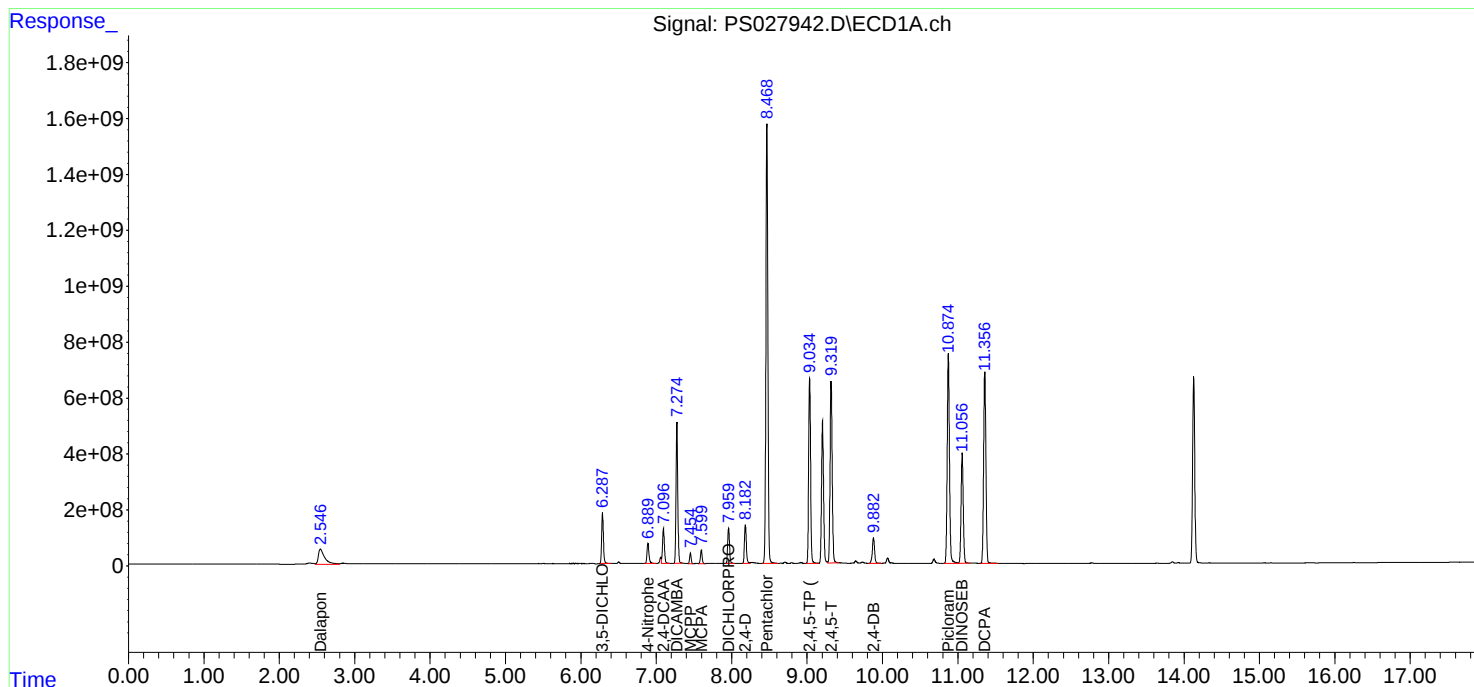
## APPROVED

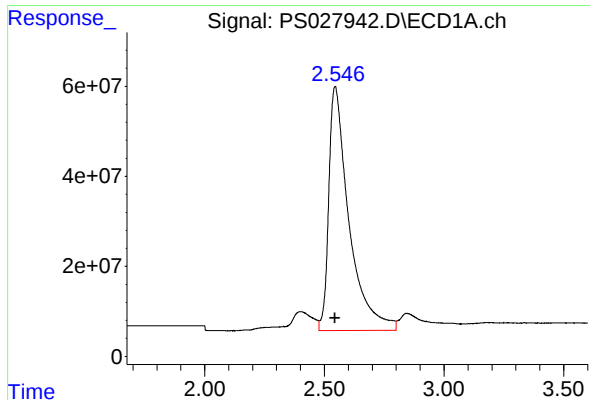
Reviewed By :Abdul Mirza 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 01:25:03 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS100724.M  
Quant Title : 8080.M  
QLast Update : Mon Oct 07 13:46:03 2024  
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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





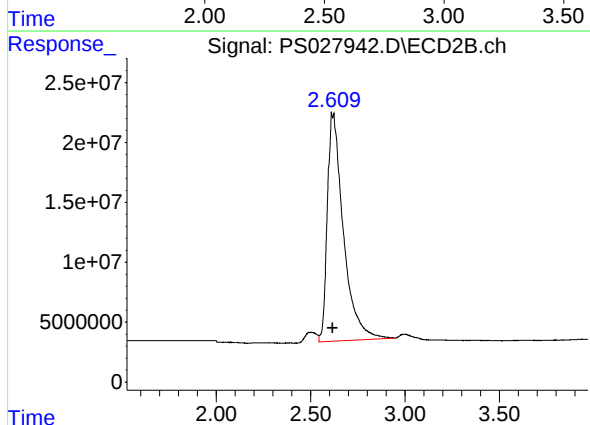
#1 Dalapon

R.T.: 2.545 min  
Delta R.T.: 0.000 min  
Response: 3176047616  
Conc: 707.69 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

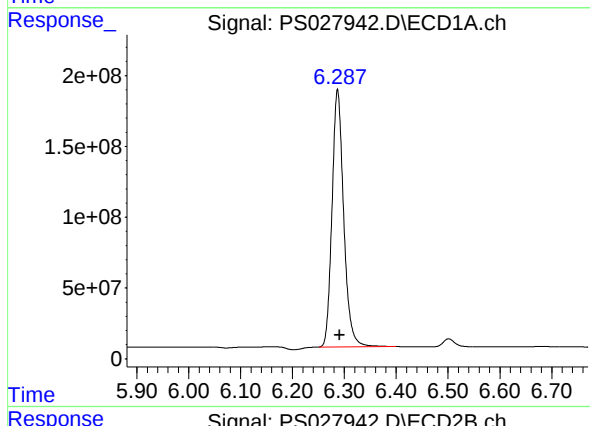
Manual Integrations  
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Reviewed By :Abdul Mirza 10/16/2024  
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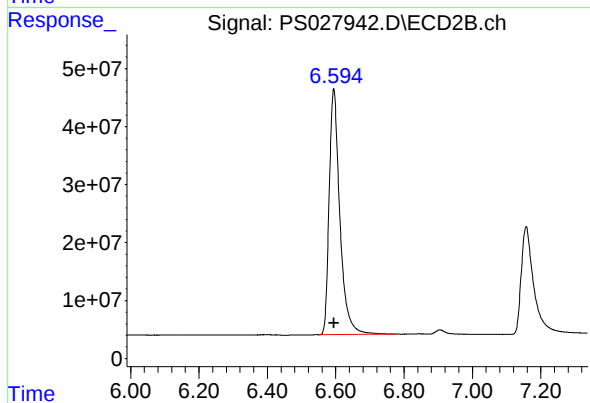
#1 Dalapon

R.T.: 2.620 min  
Delta R.T.: 0.004 min  
Response: 1124400136  
Conc: 675.04 ng/ml



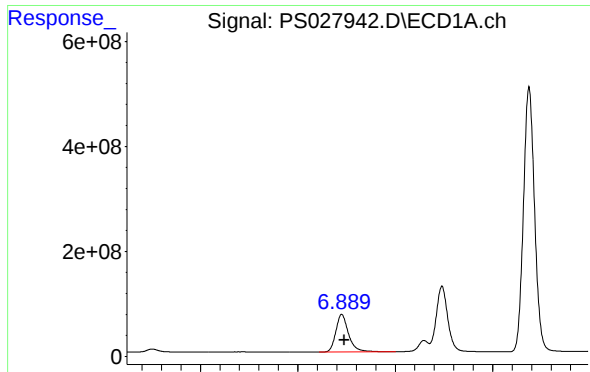
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.287 min  
Delta R.T.: -0.004 min  
Response: 2841299272  
Conc: 715.30 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.594 min  
Delta R.T.: -0.001 min  
Response: 921903276  
Conc: 674.18 ng/ml



#3 4-Nitrophenol

R.T.: 6.890 min  
Delta R.T.: -0.006 min  
Response: 1292412233  
Conc: 707.83 ng/ml

Instrument :

ECD\_S

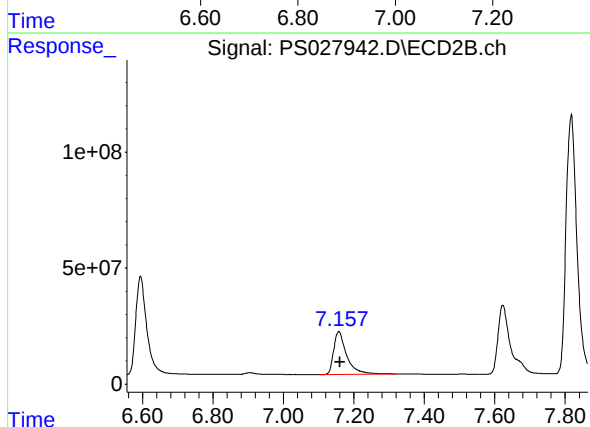
ClientSampleId :

HSTDCCC750

Manual Integrations

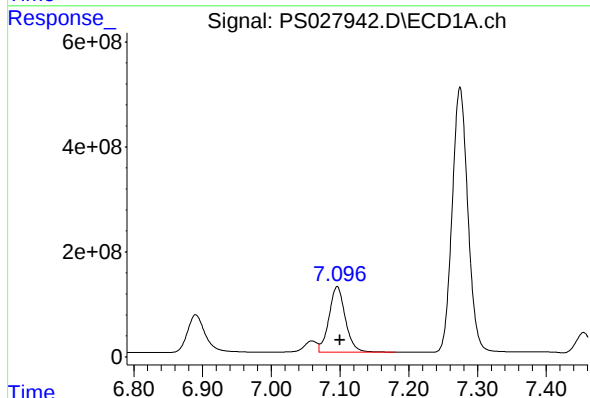
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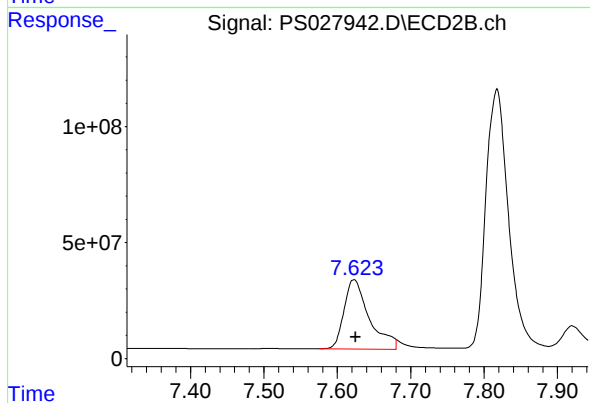
#3 4-Nitrophenol

R.T.: 7.157 min  
Delta R.T.: -0.003 min  
Response: 469369578  
Conc: 691.48 ng/ml



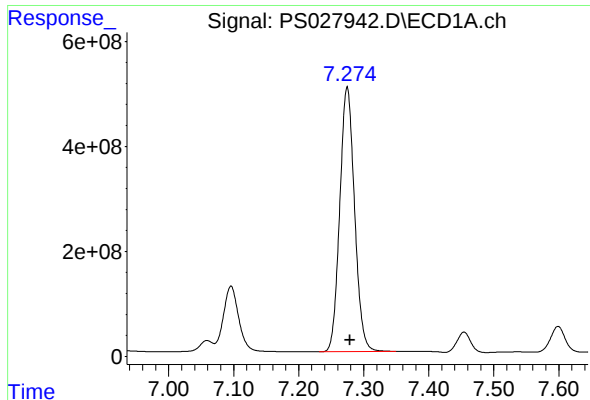
#4 2,4-DCAA

R.T.: 7.096 min  
Delta R.T.: -0.004 min  
Response: 2064912008  
Conc: 766.40 ng/ml



#4 2,4-DCAA

R.T.: 7.623 min  
Delta R.T.: -0.002 min  
Response: 718043974  
Conc: 722.61 ng/ml m



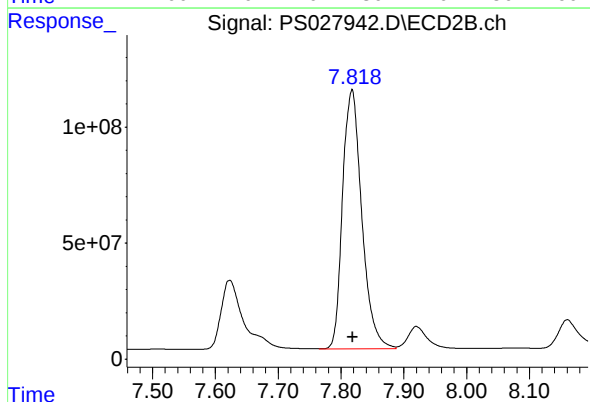
#5 DICAMBA

R.T.: 7.275 min  
Delta R.T.: -0.004 min  
Response: 7969018035  
Conc: 730.49 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

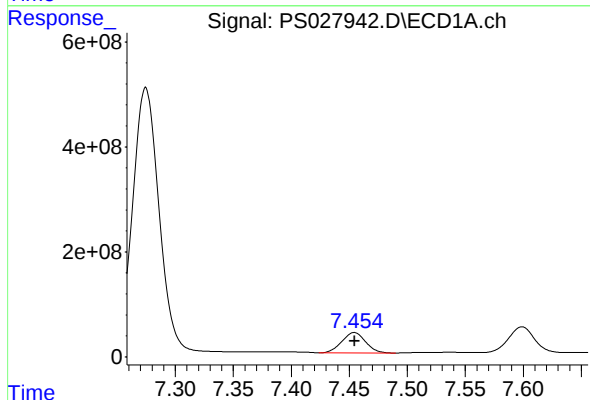
Manual Integrations  
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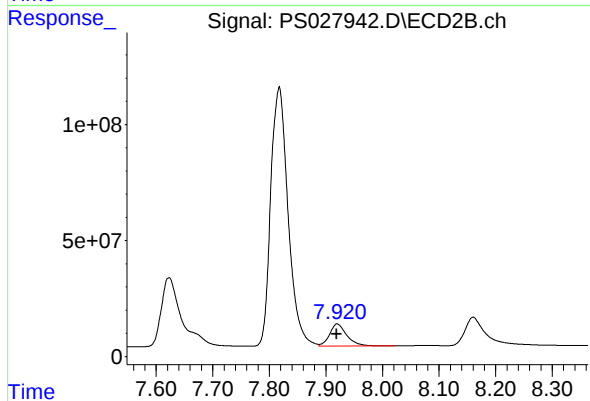
#5 DICAMBA

R.T.: 7.817 min  
Delta R.T.: -0.002 min  
Response: 2379999909  
Conc: 684.46 ng/ml



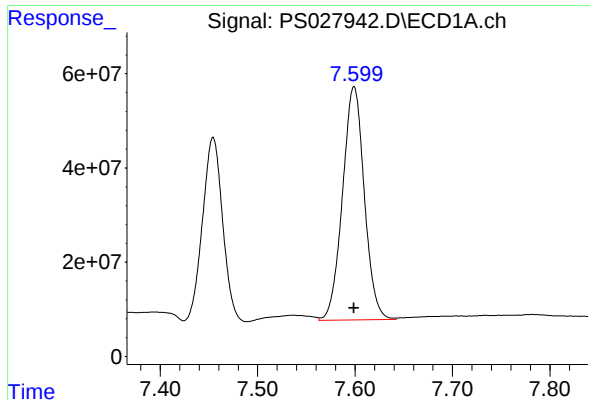
#6 MCPP

R.T.: 7.454 min  
Delta R.T.: 0.000 min  
Response: 555682278  
Conc: 74.72 ug/ml



#6 MCPP

R.T.: 7.920 min  
Delta R.T.: 0.001 min  
Response: 203486086  
Conc: 73.93 ug/ml



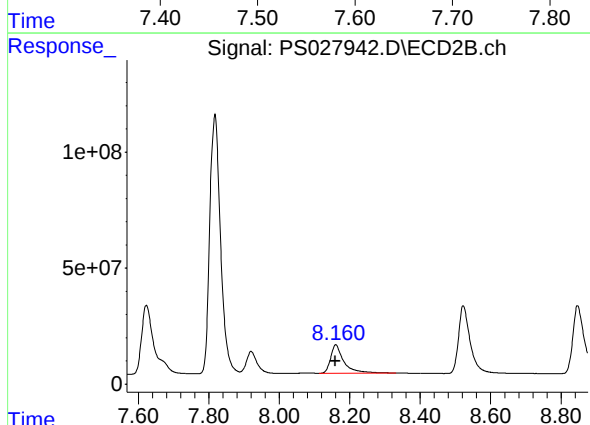
#7 MCPA

R.T.: 7.599 min  
Delta R.T.: 0.000 min  
Response: 770976099  
Conc: 72.79 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

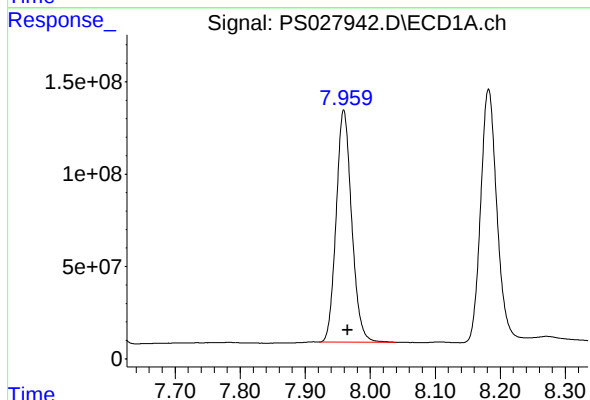
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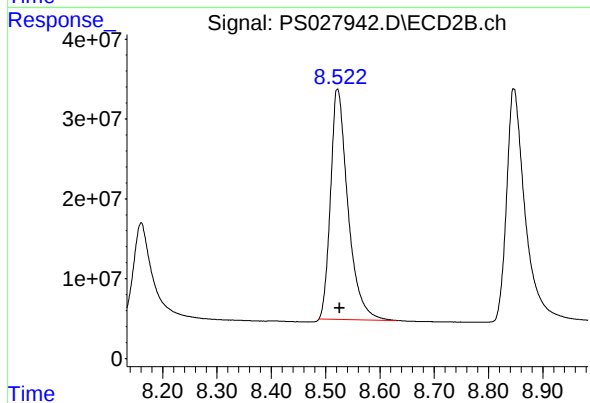
#7 MCPA

R.T.: 8.160 min  
Delta R.T.: 0.000 min  
Response: 319094909  
Conc: 63.79 ug/ml



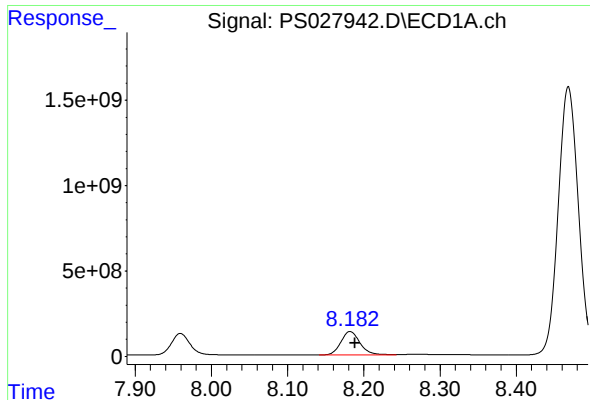
#8 DICHLORPROP

R.T.: 7.959 min  
Delta R.T.: -0.006 min  
Response: 2081367203  
Conc: 727.31 ng/ml



#8 DICHLORPROP

R.T.: 8.522 min  
Delta R.T.: -0.004 min  
Response: 641475003  
Conc: 649.96 ng/ml



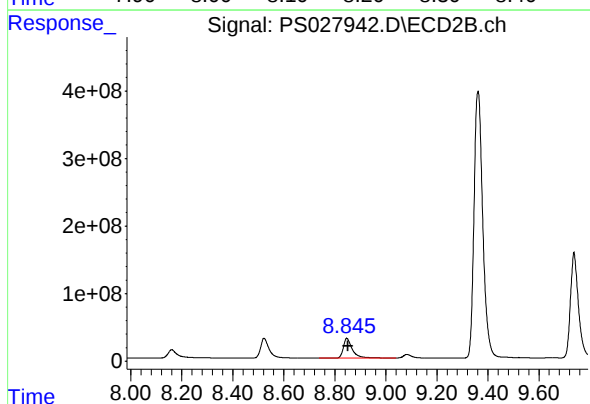
#9 2,4-D

R.T.: 8.182 min  
Delta R.T.: -0.006 min  
Response: 2407620077  
Conc: 715.69 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

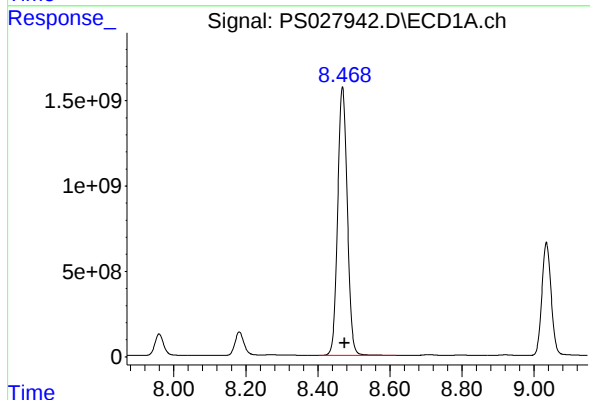
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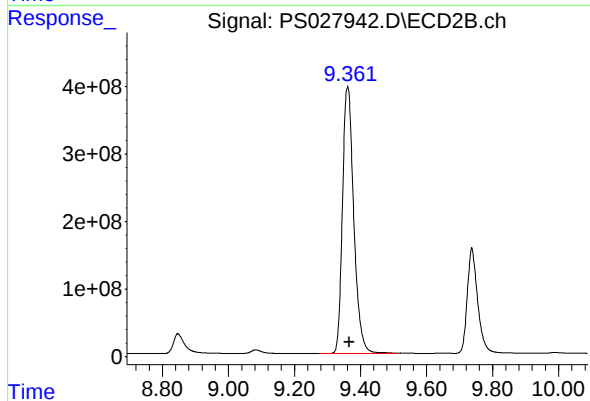
#9 2,4-D

R.T.: 8.847 min  
Delta R.T.: -0.004 min  
Response: 698106405  
Conc: 696.52 ng/ml



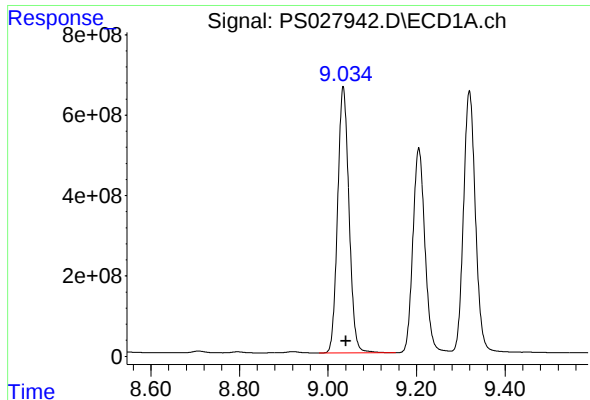
#10 Pentachlorophenol

R.T.: 8.468 min  
Delta R.T.: -0.006 min  
Response: 29077440003  
Conc: 748.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.361 min  
Delta R.T.: -0.005 min  
Response: 9399553757  
Conc: 680.19 ng/ml



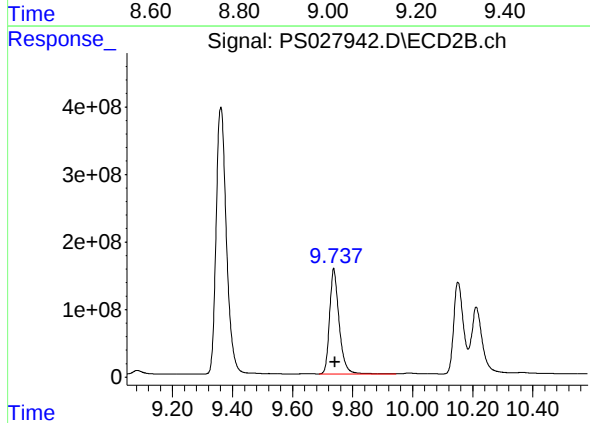
#11 2,4,5-TP (SILVEX)

R.T.: 9.034 min  
Delta R.T.: -0.006 min  
Response: 11795126797  
Conc: 748.15 ng/ml

Instrument :  
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HSTDCCC750

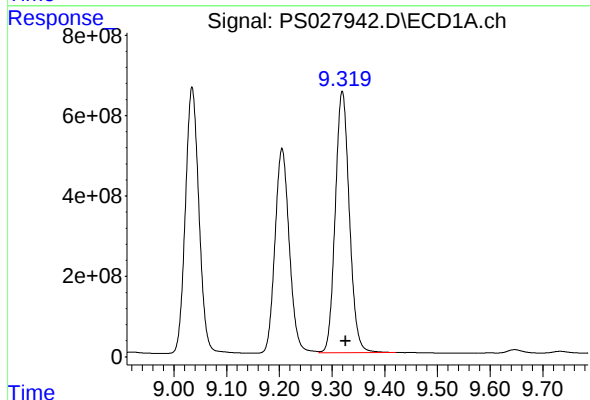
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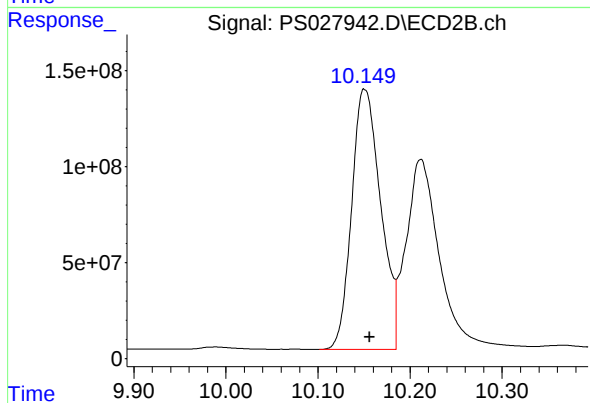
#11 2,4,5-TP (SILVEX)

R.T.: 9.737 min  
Delta R.T.: -0.004 min  
Response: 3435761823  
Conc: 693.50 ng/ml



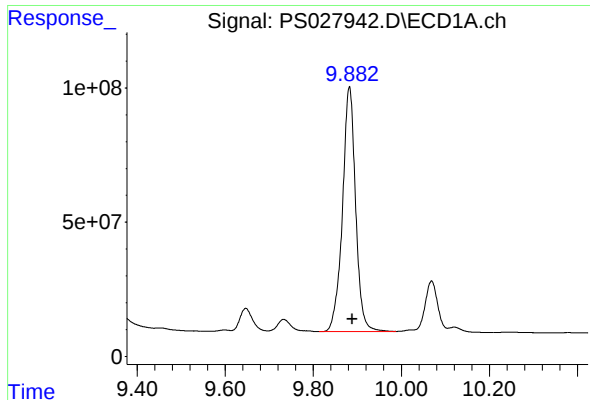
#12 2,4,5-T

R.T.: 9.319 min  
Delta R.T.: -0.007 min  
Response: 12100639370  
Conc: 748.22 ng/ml



#12 2,4,5-T

R.T.: 10.151 min  
Delta R.T.: -0.005 min  
Response: 2980250568  
Conc: 692.24 ng/ml



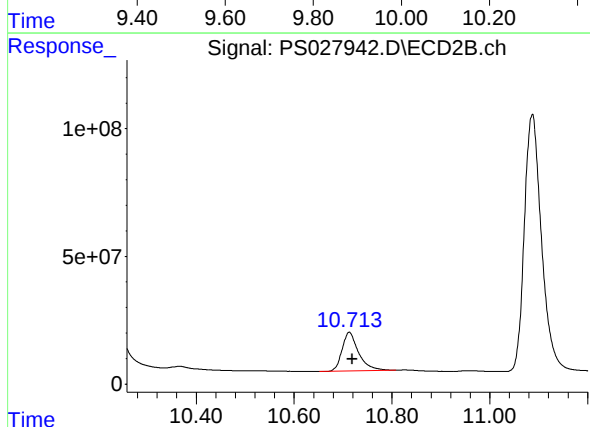
#13 2,4-DB

R.T.: 9.882 min  
Delta R.T.: -0.007 min  
Response: 1893854328  
Conc: 730.18 ng/ml

Instrument :  
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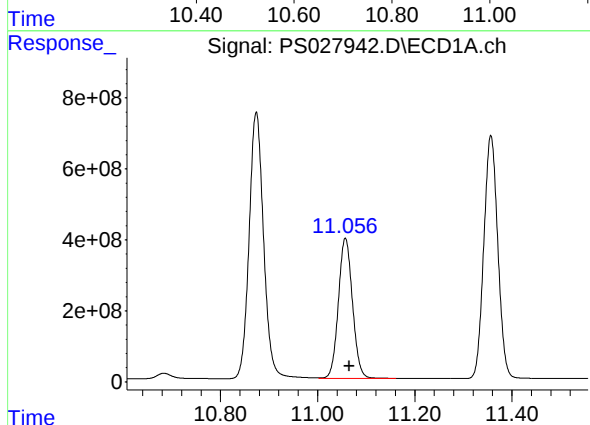
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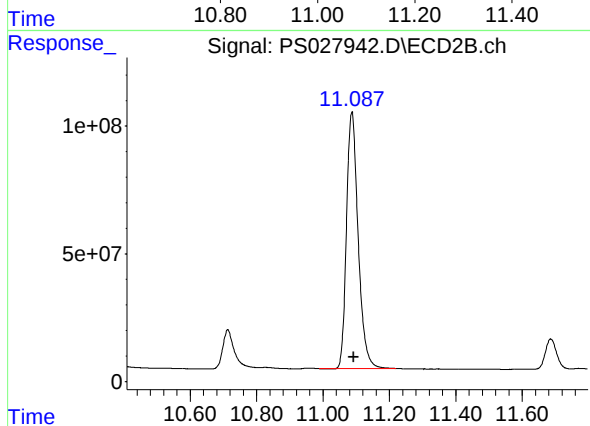
#13 2,4-DB

R.T.: 10.713 min  
Delta R.T.: -0.006 min  
Response: 356280743  
Conc: 703.63 ng/ml



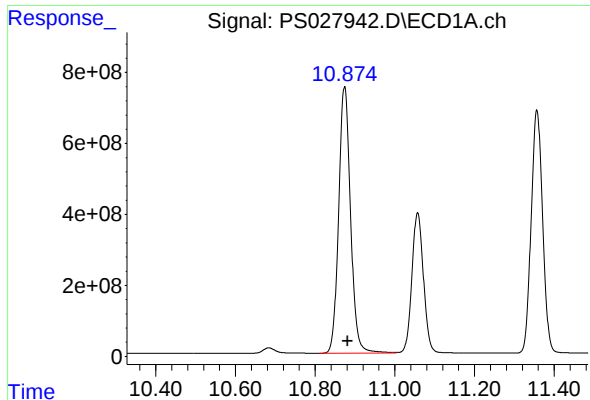
#14 DINOSEB

R.T.: 11.057 min  
Delta R.T.: -0.008 min  
Response: 7945061850  
Conc: 753.59 ng/ml



#14 DINOSEB

R.T.: 11.087 min  
Delta R.T.: -0.005 min  
Response: 2447651869  
Conc: 724.58 ng/ml



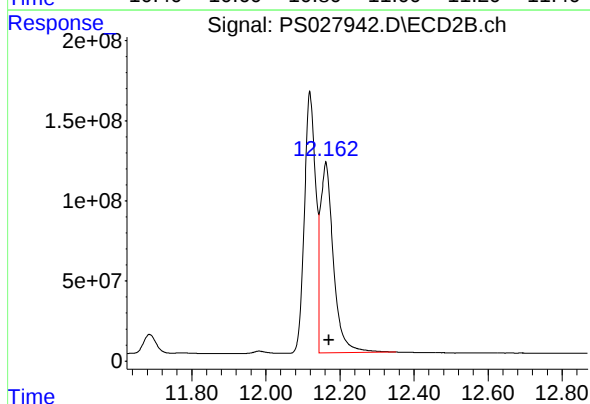
#15 Picloram

R.T.: 10.874 min  
Delta R.T.: -0.008 min  
Response: 15565462017  
Conc: 723.05 ng/ml

Instrument :  
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ClientSampleId :  
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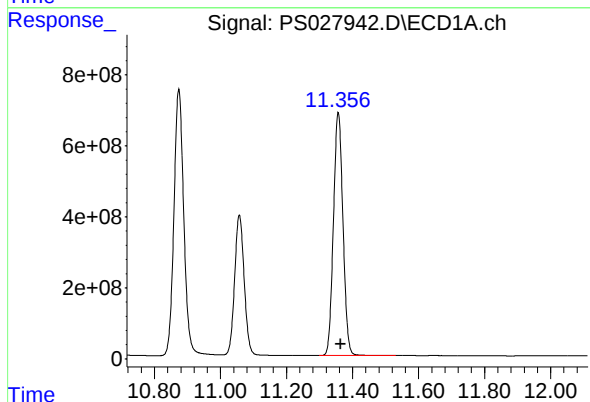
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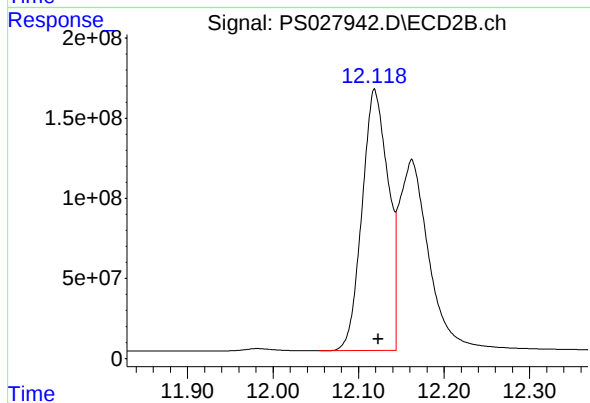
#15 Picloram

R.T.: 12.162 min  
Delta R.T.: -0.008 min  
Response: 2892212741  
Conc: 692.34 ng/ml



#16 DCPA

R.T.: 11.357 min  
Delta R.T.: -0.007 min  
Response: 13685935072  
Conc: 770.57 ng/ml



#16 DCPA

R.T.: 12.119 min  
Delta R.T.: -0.004 min  
Response: 3455240535  
Conc: 719.79 ng/ml