

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS123024\  
 Data File : PS028853.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Dec 2024 12:02  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/31/2024  
 Supervised By :Ankita Jodhani 12/31/2024

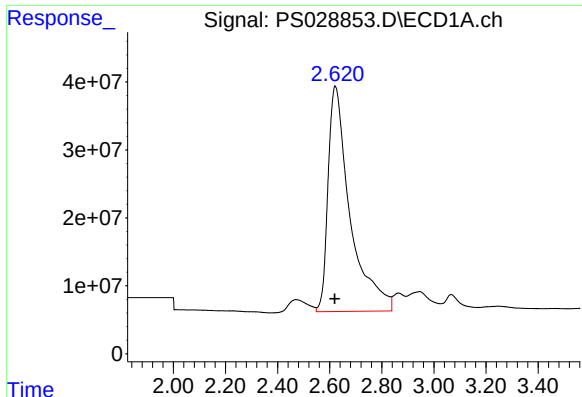
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 31 01:38:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS122324.M  
 Quant Title : 8080.M  
 QLast Update : Mon Dec 23 13:44:25 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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     | 7.209  | 7.694  | 1761.4E6  | 765.3E6   | 778.693  | 679.982 |
| Target Compounds            |              |        |        |           |           |          |         |
| 1) T                        | Dalapon      | 2.621  | 2.675  | 1947.2E6  | 1232.9E6  | 691.328  | 626.289 |
| 2) T                        | 3,5-DICHL... | 6.384  | 6.657  | 2402.1E6  | 1052.5E6  | 728.987  | 634.990 |
| 3) T                        | 4-Nitroph... | 7.007  | 7.223  | 1056.3E6  | 527.4E6   | 703.263  | 630.156 |
| 5) T                        | DICAMBA      | 7.395  | 7.891  | 7360.7E6  | 3585.6E6  | 746.476  | 653.137 |
| 6) T                        | MCPD         | 7.576  | 7.994  | 448.6E6   | 208.5E6   | 72.034   | 63.801  |
| 7) T                        | MCPA         | 7.725  | 8.237  | 610.7E6   | 290.3E6   | 69.671   | 62.656  |
| 8) T                        | DICHLORPROP  | 8.099  | 8.604  | 1948.4E6  | 901.0E6   | 734.362  | 653.056 |
| 9) T                        | 2,4-D        | 8.329  | 8.932  | 2088.3E6  | 910.5E6   | 732.861  | 630.920 |
| 10) T                       | Pentachlo... | 8.627  | 9.457  | 30059.4E6 | 14543.3E6 | 769.433  | 667.164 |
| 11) T                       | 2,4,5-TP ... | 9.203  | 9.833  | 11834.3E6 | 5953.0E6  | 753.329  | 662.657 |
| 12) T                       | 2,4,5-T      | 9.494  | 10.251 | 12141.2E6 | 5682.5E6  | 746.270  | 652.471 |
| 13) T                       | 2,4-DB       | 10.065 | 10.816 | 2228.8E6  | 634.4E6   | 713.991  | 653.250 |
| 14) T                       | DINOSEB      | 11.271 | 11.194 | 9935.2E6  | 3920.4E6  | 739.129  | 636.520 |
| 15) T                       | Picloram     | 11.081 | 12.280 | 19154.3E6 | 8261.6E6  | 714.372  | 643.479 |
| 16) T                       | DCPA         | 11.566 | 12.234 | 18046.4E6 | 7168.6E6  | 750.340m | 667.183 |
| -----                       |              |        |        |           |           |          |         |

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





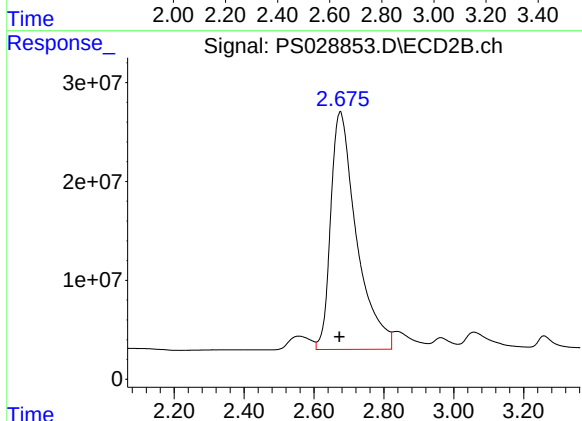
#1 Dalapon

R.T.: 2.621 min  
Delta R.T.: 0.001 min  
Response: 1947228944  
Conc: 691.33 ng/ml

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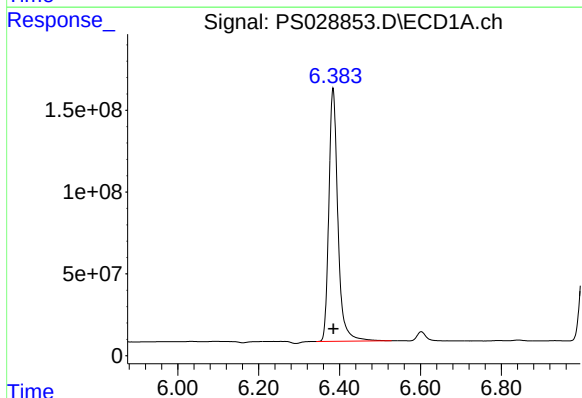
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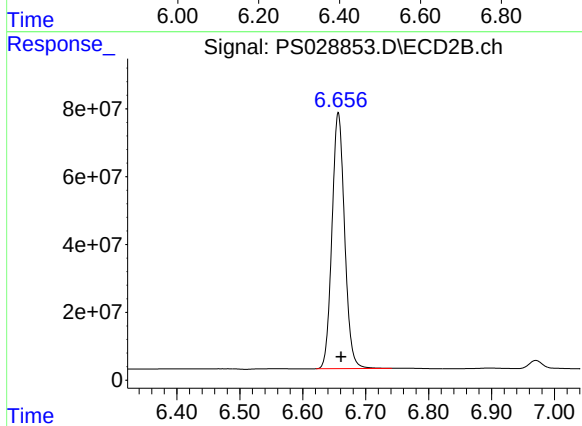
#1 Dalapon

R.T.: 2.675 min  
Delta R.T.: 0.003 min  
Response: 1232913611  
Conc: 626.29 ng/ml



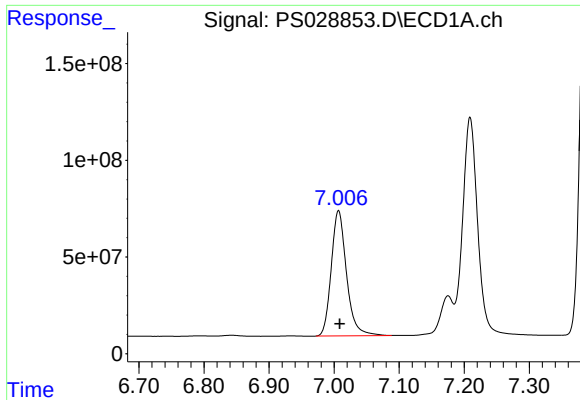
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.384 min  
Delta R.T.: -0.001 min  
Response: 2402109302  
Conc: 728.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.657 min  
Delta R.T.: -0.004 min  
Response: 1052542673  
Conc: 634.99 ng/ml



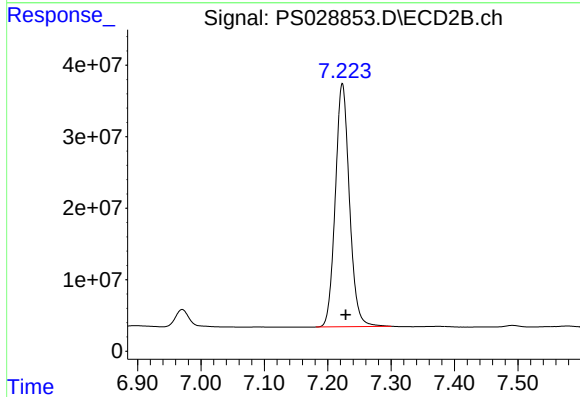
#3 4-Nitrophenol

R.T.: 7.007 min  
Delta R.T.: -0.002 min  
Response: 1056342376  
Conc: 703.26 ng/ml

Instrument :  
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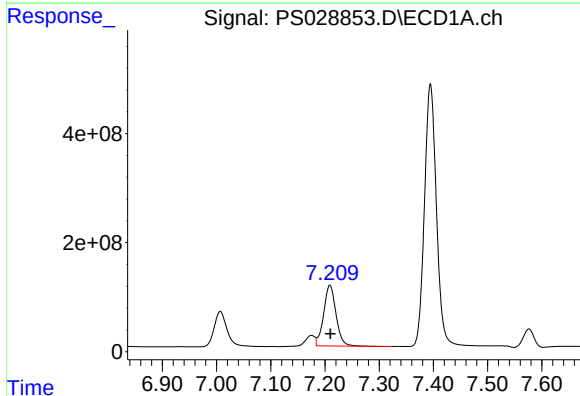
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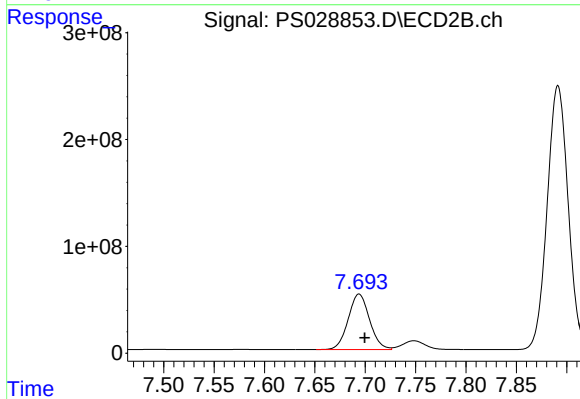
#3 4-Nitrophenol

R.T.: 7.223 min  
Delta R.T.: -0.005 min  
Response: 527373642  
Conc: 630.16 ng/ml



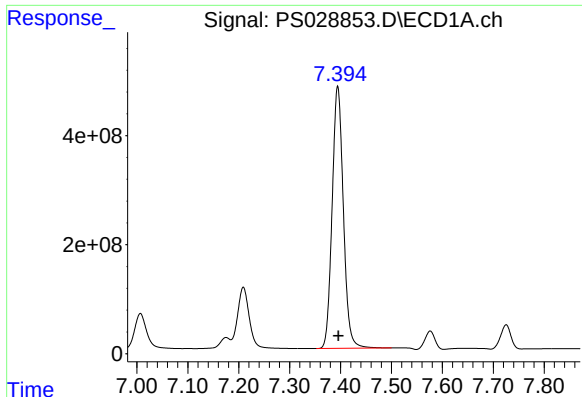
#4 2,4-DCAA

R.T.: 7.209 min  
Delta R.T.: 0.000 min  
Response: 1761424469  
Conc: 778.69 ng/ml



#4 2,4-DCAA

R.T.: 7.694 min  
Delta R.T.: -0.006 min  
Response: 765345315  
Conc: 679.98 ng/ml



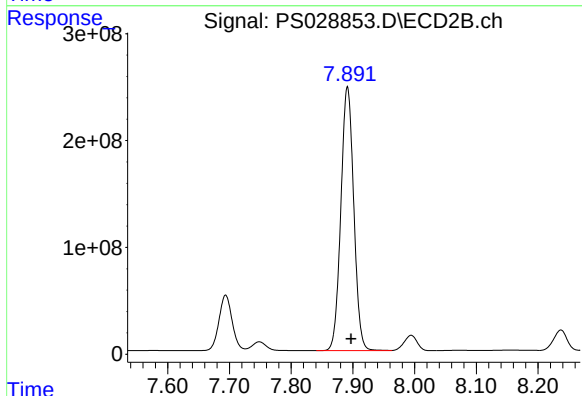
#5 DICAMBA

R.T.: 7.395 min  
Delta R.T.: -0.001 min  
Response: 7360734749  
Conc: 746.48 ng/ml

Instrument :  
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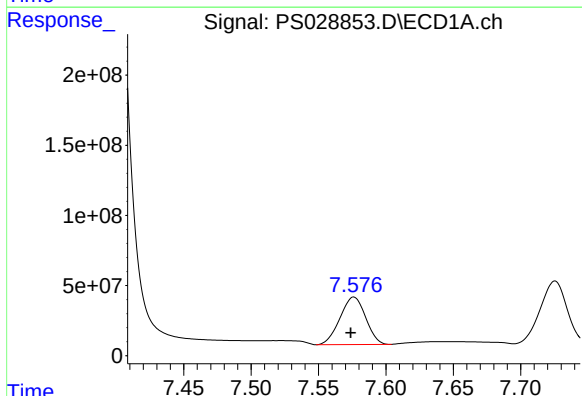
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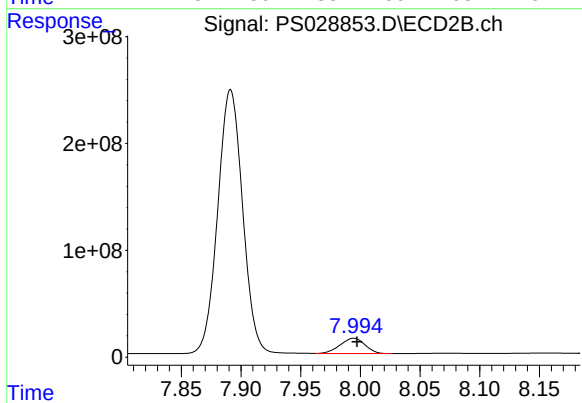
#5 DICAMBA

R.T.: 7.891 min  
Delta R.T.: -0.006 min  
Response: 3585639545  
Conc: 653.14 ng/ml



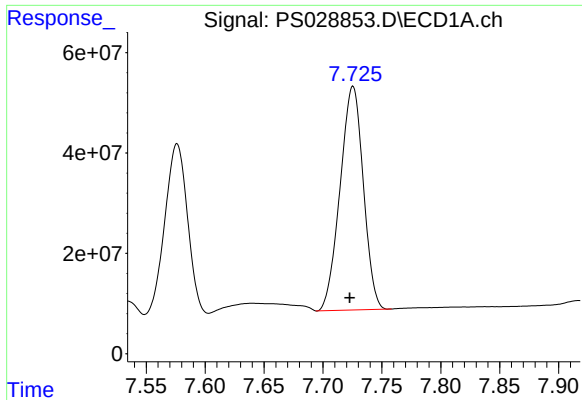
#6 MCP

R.T.: 7.576 min  
Delta R.T.: 0.002 min  
Response: 448568724  
Conc: 72.03 ug/ml



#6 MCP

R.T.: 7.994 min  
Delta R.T.: -0.003 min  
Response: 208487575  
Conc: 63.80 ug/ml



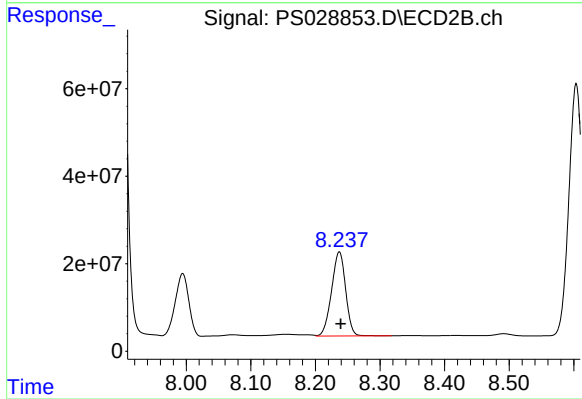
#7 MCPA

R.T.: 7.725 min  
Delta R.T.: 0.003 min  
Response: 610700824  
Conc: 69.67 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

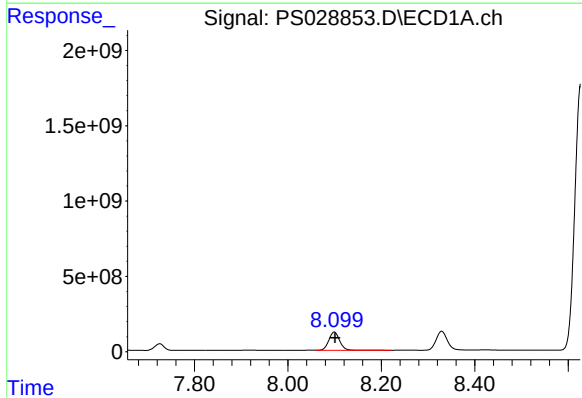
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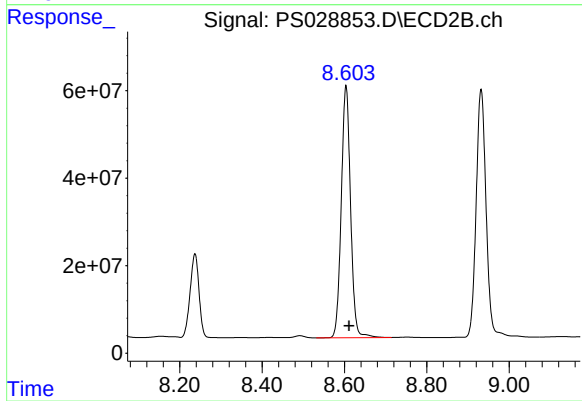
#7 MCPA

R.T.: 8.237 min  
Delta R.T.: -0.002 min  
Response: 290278880  
Conc: 62.66 ug/ml



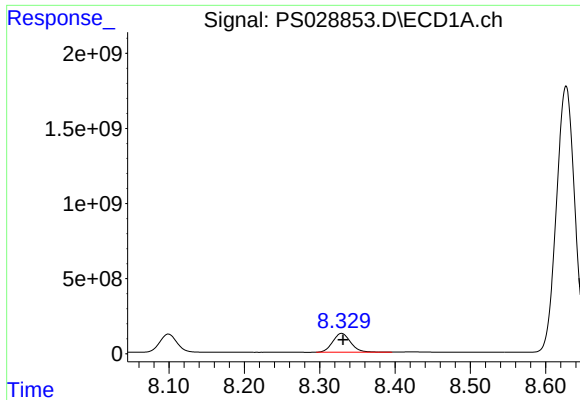
#8 DICHLORPROP

R.T.: 8.099 min  
Delta R.T.: -0.002 min  
Response: 1948390905  
Conc: 734.36 ng/ml



#8 DICHLORPROP

R.T.: 8.604 min  
Delta R.T.: -0.007 min  
Response: 900994262  
Conc: 653.06 ng/ml



#9 2,4-D

R.T.: 8.329 min  
Delta R.T.: -0.002 min  
Response: 2088311006  
Conc: 732.86 ng/ml

Instrument :

ECD\_S

ClientSampleId :

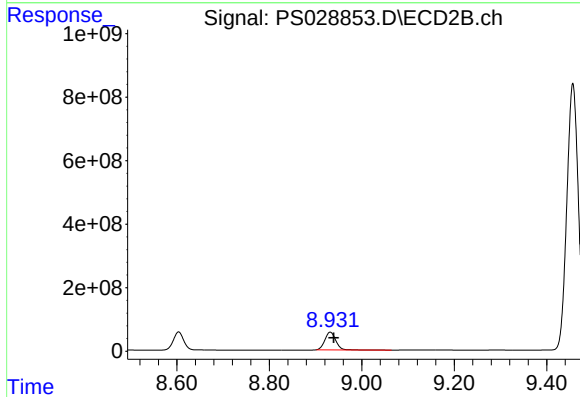
HSTDCCC750

Manual Integrations

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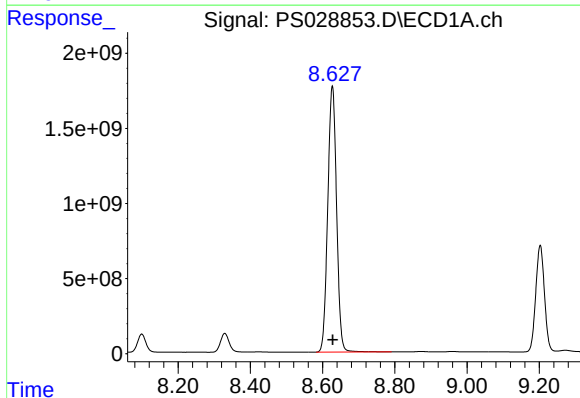
Reviewed By :Yogesh Patel 12/31/2024

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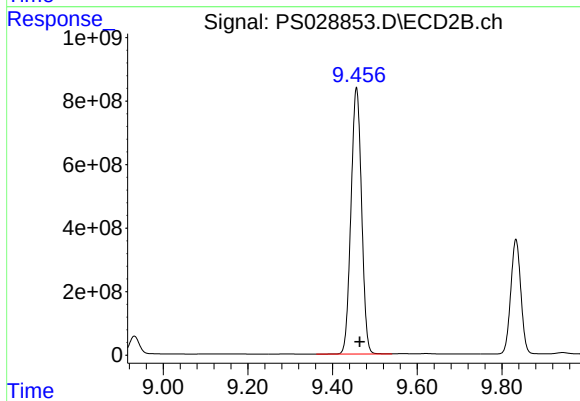
#9 2,4-D

R.T.: 8.932 min  
Delta R.T.: -0.007 min  
Response: 910508990  
Conc: 630.92 ng/ml



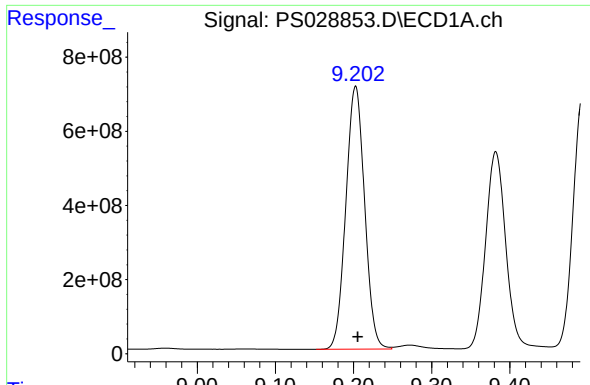
#10 Pentachlorophenol

R.T.: 8.627 min  
Delta R.T.: -0.001 min  
Response: 30059430980  
Conc: 769.43 ng/ml



#10 Pentachlorophenol

R.T.: 9.457 min  
Delta R.T.: -0.008 min  
Response: 14543319054  
Conc: 667.16 ng/ml



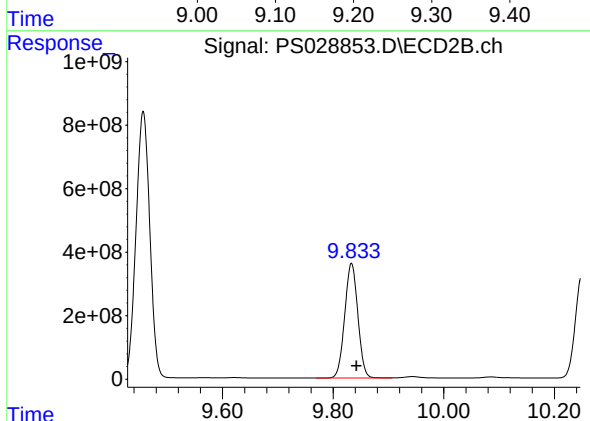
#11 2,4,5-TP (SILVEX)

R.T.: 9.203 min  
Delta R.T.: -0.003 min  
Response: 11834288290  
Conc: 753.33 ng/ml

Instrument :  
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ClientSampleId :  
HSTDCCC750

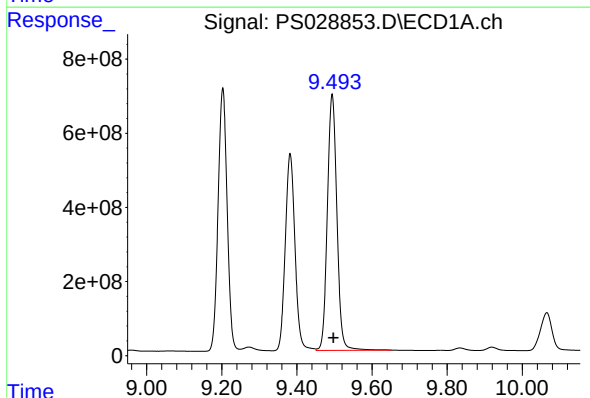
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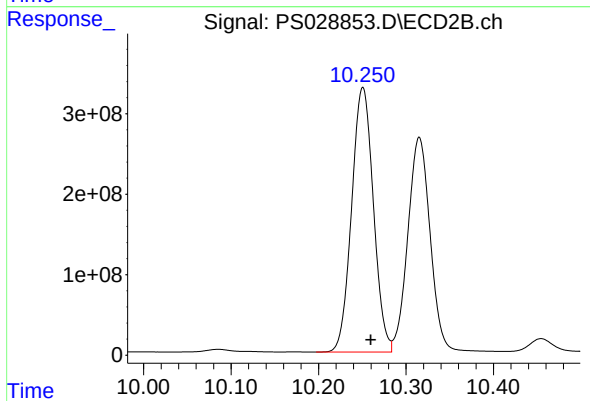
#11 2,4,5-TP (SILVEX)

R.T.: 9.833 min  
Delta R.T.: -0.009 min  
Response: 5952987470  
Conc: 662.66 ng/ml



#12 2,4,5-T

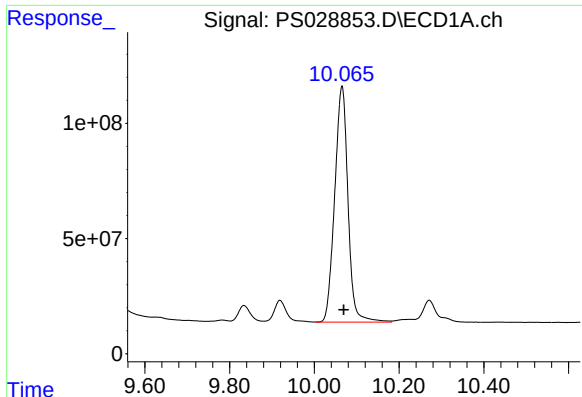
R.T.: 9.494 min  
Delta R.T.: -0.004 min  
Response: 12141203726  
Conc: 746.27 ng/ml



#12 2,4,5-T

R.T.: 10.251 min  
Delta R.T.: -0.009 min  
Response: 5682486629  
Conc: 652.47 ng/ml





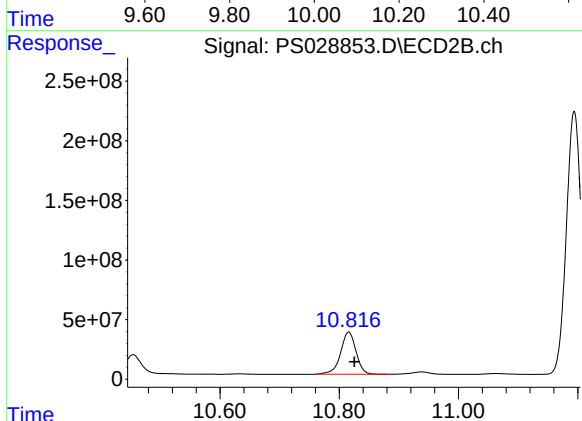
#13 2,4-DB

R.T.: 10.065 min  
Delta R.T.: -0.004 min  
Response: 2228792066  
Conc: 713.99 ng/ml

Instrument :  
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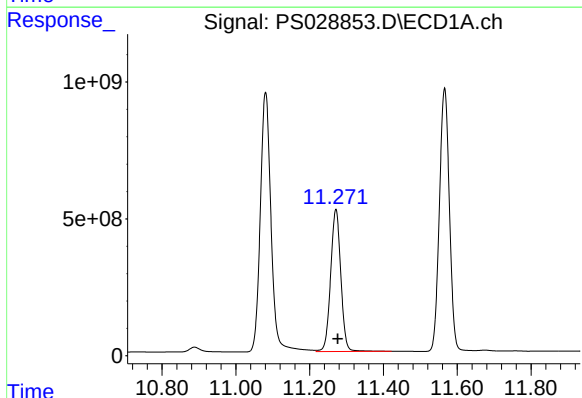
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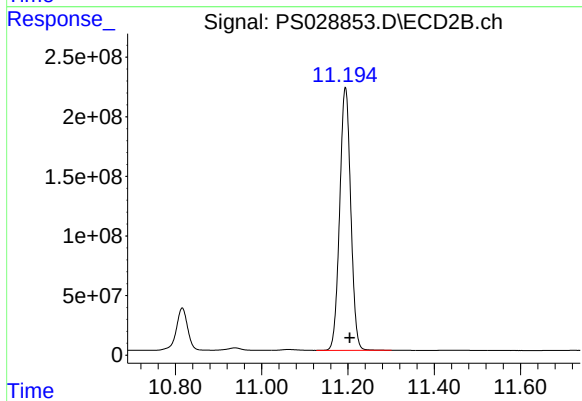
#13 2,4-DB

R.T.: 10.816 min  
Delta R.T.: -0.010 min  
Response: 634369856  
Conc: 653.25 ng/ml



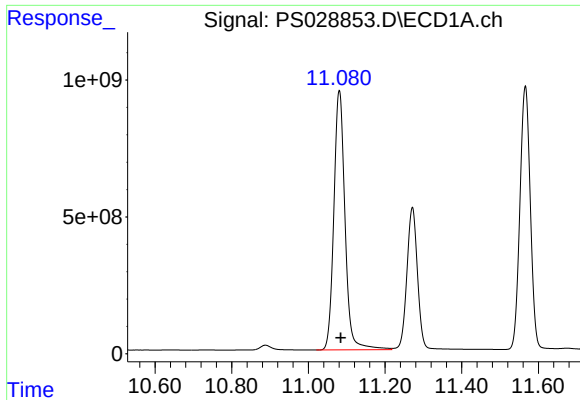
#14 DINOSEB

R.T.: 11.271 min  
Delta R.T.: -0.005 min  
Response: 9935171683  
Conc: 739.13 ng/ml



#14 DINOSEB

R.T.: 11.194 min  
Delta R.T.: -0.010 min  
Response: 3920417502  
Conc: 636.52 ng/ml



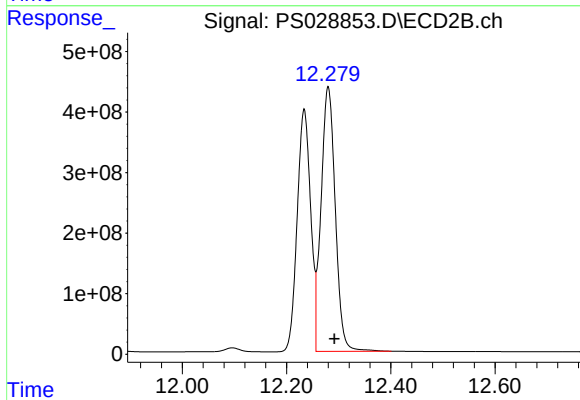
#15 Picloram

R.T.: 11.081 min  
Delta R.T.: -0.004 min  
Response: 19154286656  
Conc: 714.37 ng/ml

Instrument :  
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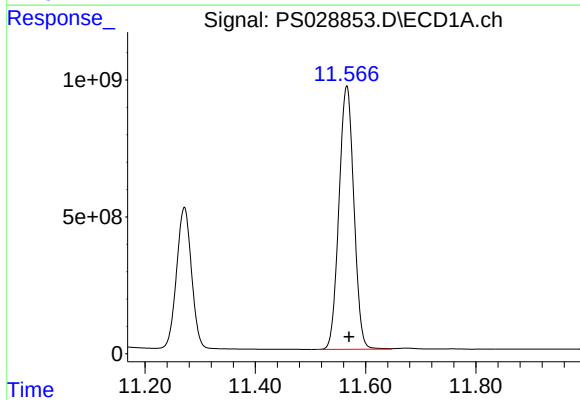
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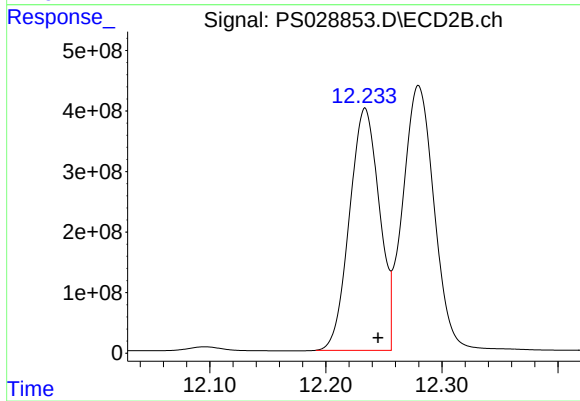
#15 Picloram

R.T.: 12.280 min  
Delta R.T.: -0.012 min  
Response: 8261640955  
Conc: 643.48 ng/ml



#16 DCPA

R.T.: 11.566 min  
Delta R.T.: -0.004 min  
Response: 18046449696  
Conc: 750.34 ng/ml m



#16 DCPA

R.T.: 12.234 min  
Delta R.T.: -0.011 min  
Response: 7168597046  
Conc: 667.18 ng/ml