

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS100924\  
 Data File : PS027888.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2024 19:35  
 Operator : AR\AJ  
 Sample : P4290-01MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 IB-4MS

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:04:10 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 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     | 7.096  | 7.625  | 1691.5E6  | 527.1E6  | 627.819  | 530.413  |
| Target Compounds            |              |        |        |           |          |          |          |
| 1) T                        | Dalapon      | 2.545  | 2.616  | 1456.1E6  | 571.3E6  | 324.454  | 343.006m |
| 2) T                        | 3,5-DICHL... | 6.288  | 6.597  | 1664.2E6  | 526.9E6  | 418.972  | 385.327  |
| 3) T                        | 4-Nitroph... | 6.891  | 7.160  | 777.4E6   | 258.1E6  | 425.750  | 380.198  |
| 5) T                        | DICAMBA      | 7.275  | 7.819  | 4429.6E6  | 1360.6E6 | 406.042  | 391.287  |
| 6) T                        | MCPD         | 7.453  | 7.920  | 269.1E6   | 109.9E6  | 36.182   | 39.948   |
| 7) T                        | MCPA         | 7.597  | 8.160  | 438.2E6   | 234.8E6  | 41.374   | 46.942   |
| 8) T                        | DICHLORPROP  | 7.960  | 8.526  | 1216.7E6  | 416.1E6  | 425.153  | 421.632  |
| 9) T                        | 2,4-D        | 8.183  | 8.851  | 1441.9E6  | 482.1E6  | 428.618  | 481.010  |
| 10) T                       | Pentachlo... | 8.470  | 9.364  | 15451.5E6 | 4962.1E6 | 397.683  | 359.080  |
| 11) T                       | 2,4,5-TP ... | 9.036  | 9.740  | 6678.6E6  | 2173.3E6 | 423.611  | 438.669  |
| 12) T                       | 2,4,5-T      | 9.320  | 10.155 | 6673.1E6  | 1818.8E6 | 412.619  | 422.453  |
| 13) T                       | 2,4-DB       | 9.884  | 10.717 | 1138.4E6  | 223.9E6  | 438.910  | 442.167  |
| 14) T                       | DINOSEB      | 11.058 | 11.090 | 673.4E6   | 206.4E6  | 63.870m  | 61.090m  |
| 15) T                       | Picloram     | 10.875 | 12.165 | 7872.5E6  | 1250.5E6 | 365.696  | 299.336m |
| 16) T                       | DCPA         | 11.357 | 12.123 | 7226.5E6  | 2217.6E6 | 406.877m | 461.962m |
| -----                       |              |        |        |           |          |          |          |

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

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Operator : AR\AJ  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

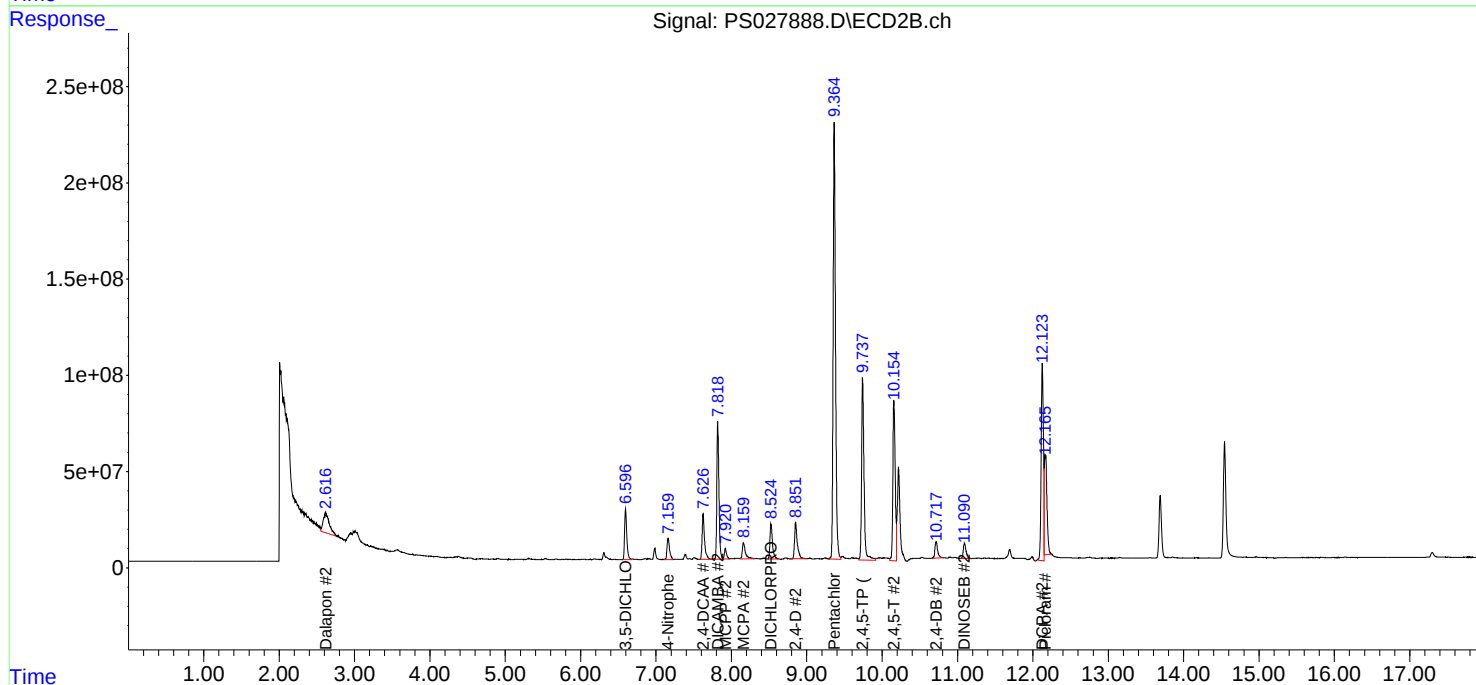
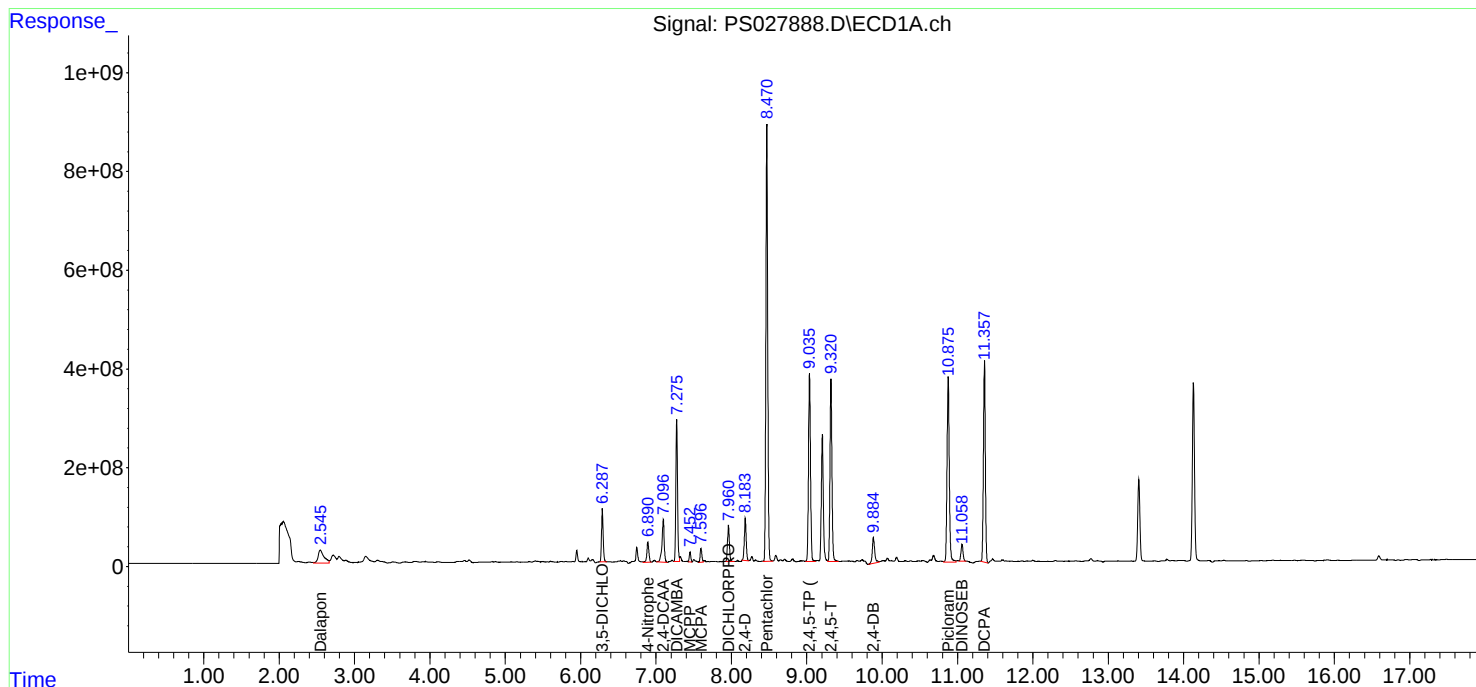
Instrument :  
ECD\_S  
ClientSampleId :  
IB-4MS

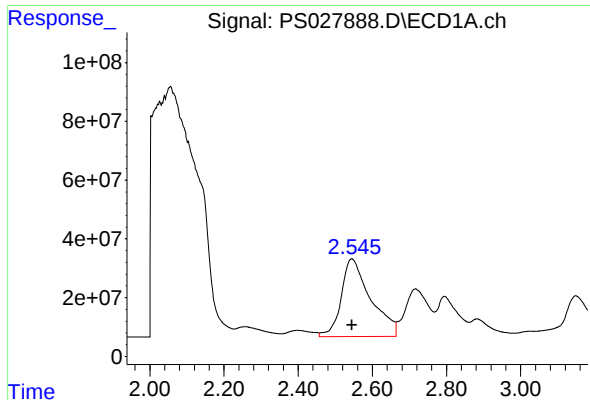
Manual Integrations  
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Supervised By : Ankita Jodhani 10/10/2024

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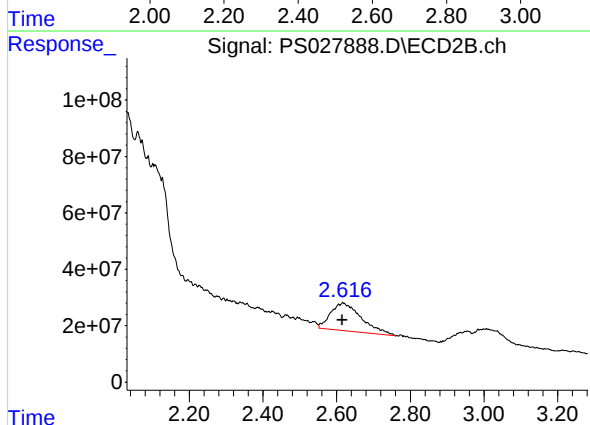
#1 Dalapon

R.T.: 2.545 min  
Delta R.T.: 0.000 min  
Response: 1456119253  
Conc: 324.45 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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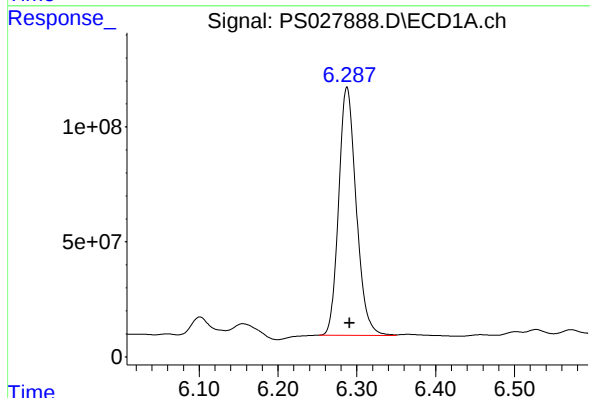
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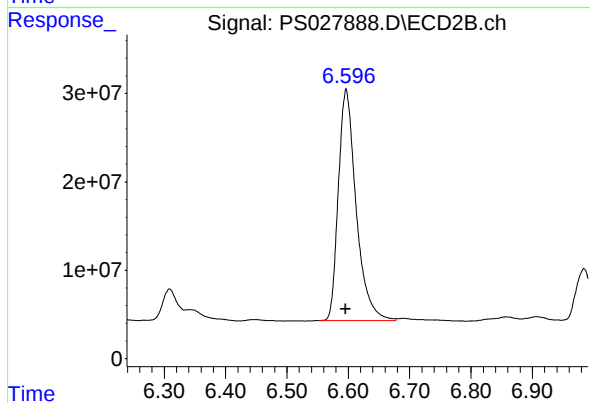
#1 Dalapon

R.T.: 2.616 min  
Delta R.T.: 0.000 min  
Response: 571337368  
Conc: 343.01 ng/ml



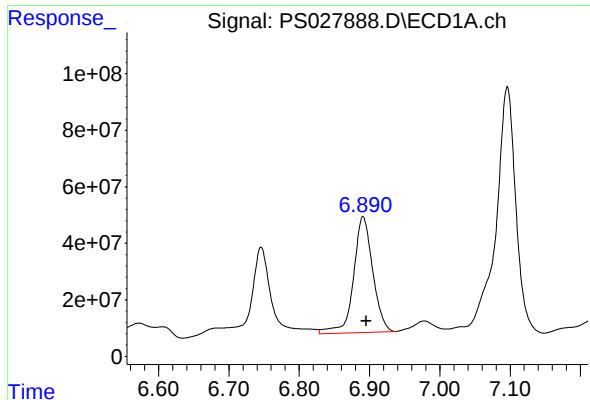
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.288 min  
Delta R.T.: -0.003 min  
Response: 1664224715  
Conc: 418.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.597 min  
Delta R.T.: 0.000 min  
Response: 526916376  
Conc: 385.33 ng/ml



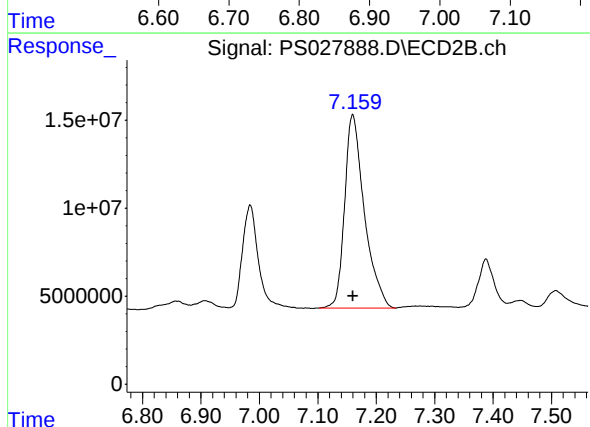
#3 4-Nitrophenol

R.T.: 6.891 min  
Delta R.T.: -0.005 min  
Response: 777364154  
Conc: 425.75 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IB-4MS

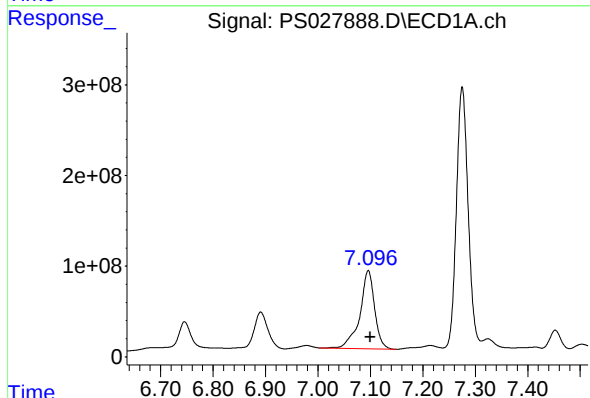
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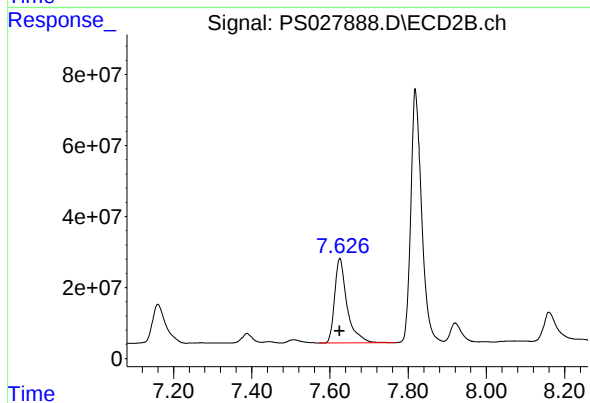
#3 4-Nitrophenol

R.T.: 7.160 min  
Delta R.T.: 0.000 min  
Response: 258075595  
Conc: 380.20 ng/ml



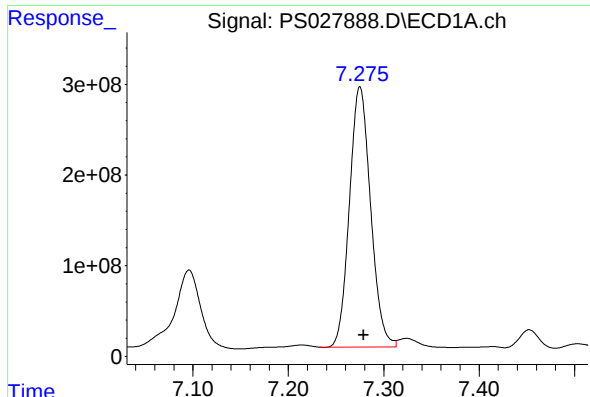
#4 2,4-DCAA

R.T.: 7.096 min  
Delta R.T.: -0.004 min  
Response: 1691527936  
Conc: 627.82 ng/ml



#4 2,4-DCAA

R.T.: 7.625 min  
Delta R.T.: 0.000 min  
Response: 527063900  
Conc: 530.41 ng/ml



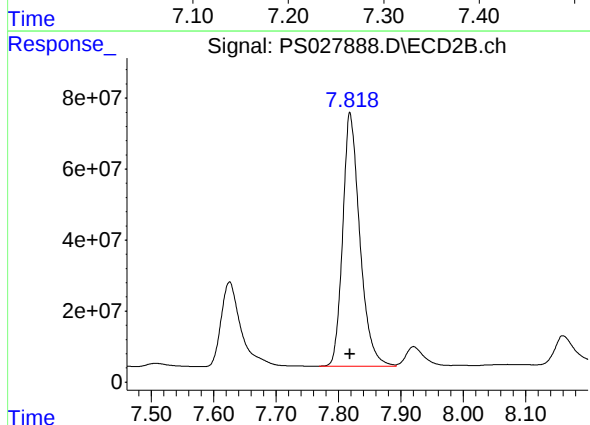
#5 DICAMBA

R.T.: 7.275 min  
Delta R.T.: -0.004 min  
Response: 4429568366  
Conc: 406.04 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IB-4MS

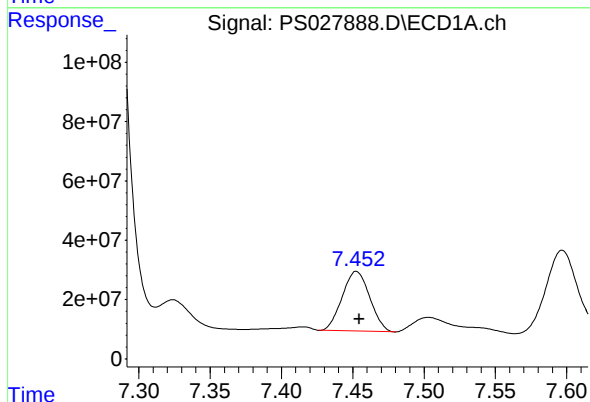
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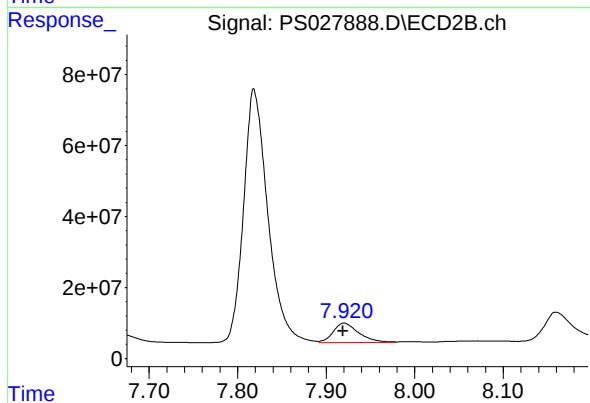
#5 DICAMBA

R.T.: 7.819 min  
Delta R.T.: 0.000 min  
Response: 1360573130  
Conc: 391.29 ng/ml



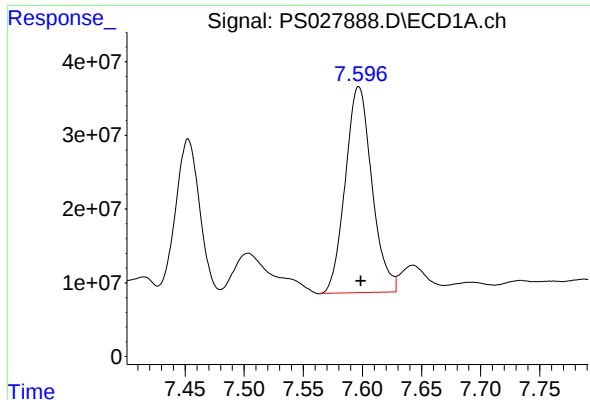
#6 MCPP

R.T.: 7.453 min  
Delta R.T.: -0.002 min  
Response: 269080028  
Conc: 36.18 ug/ml



#6 MCPP

R.T.: 7.920 min  
Delta R.T.: 0.001 min  
Response: 109946145  
Conc: 39.95 ug/ml



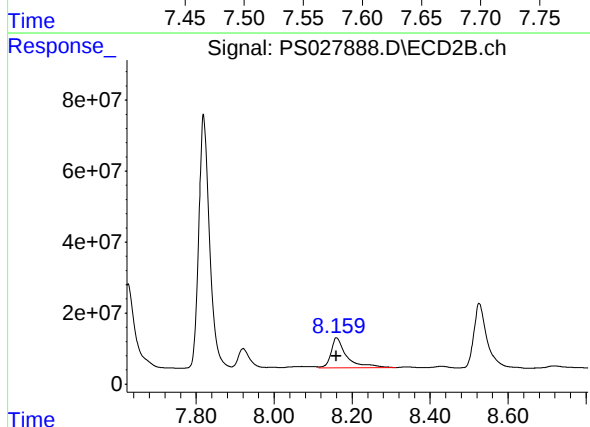
#7 MCPA

R.T.: 7.597 min  
Delta R.T.: -0.002 min  
Response: 438222873  
Conc: 41.37 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IB-4MS

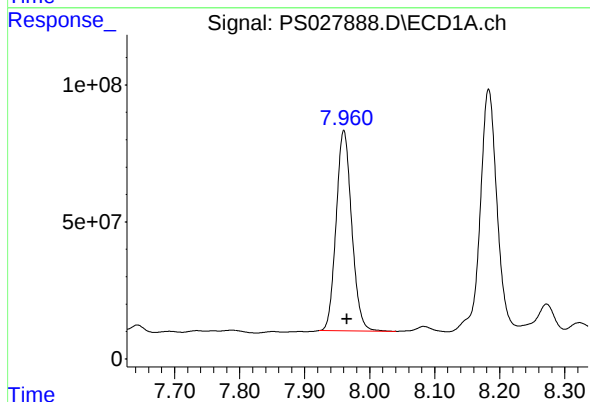
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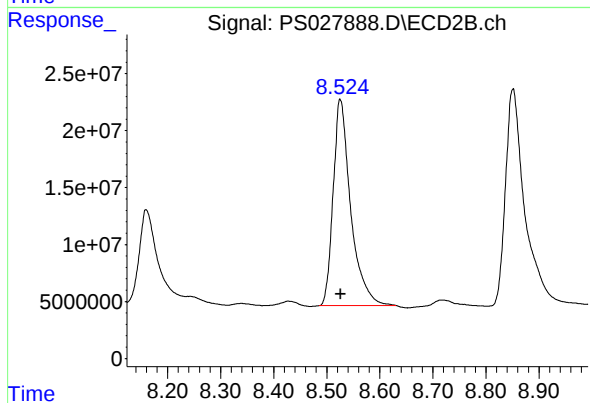
#7 MCPA

R.T.: 8.160 min  
Delta R.T.: 0.000 min  
Response: 234821685  
Conc: 46.94 ug/ml



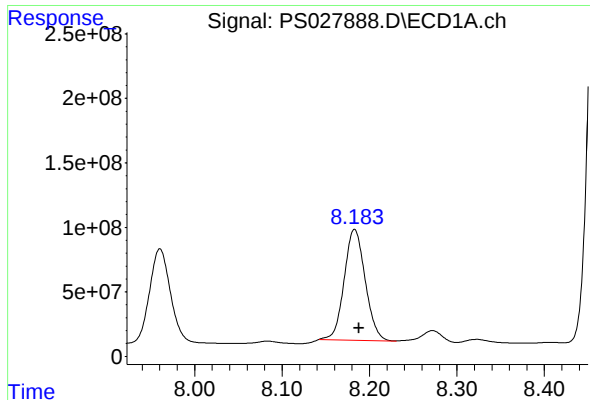
#8 DICHLORPROP

R.T.: 7.960 min  
Delta R.T.: -0.005 min  
Response: 1216680877  
Conc: 425.15 ng/ml



#8 DICHLORPROP

R.T.: 8.526 min  
Delta R.T.: 0.000 min  
Response: 416127763  
Conc: 421.63 ng/ml



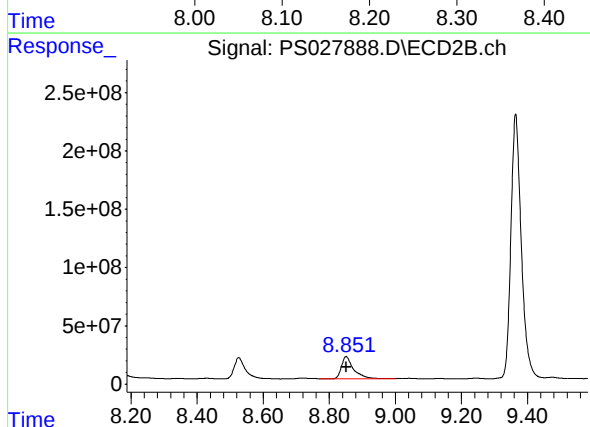
#9 2,4-D

R.T.: 8.183 min  
Delta R.T.: -0.005 min  
Response: 1441887022  
Conc: 428.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IB-4MS

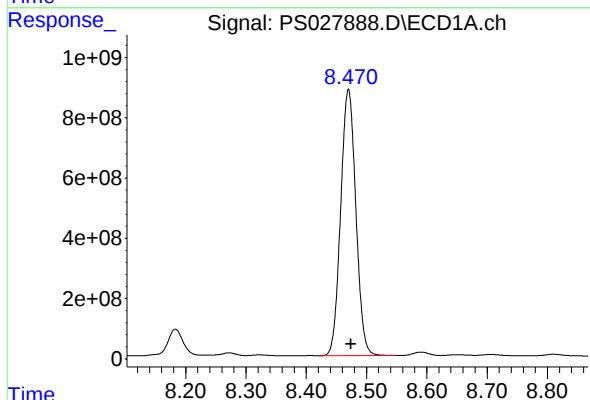
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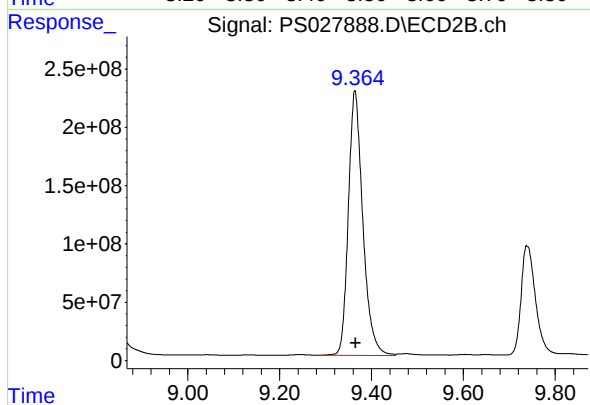
#9 2,4-D

R.T.: 8.851 min  
Delta R.T.: 0.000 min  
Response: 482105344  
Conc: 481.01 ng/ml



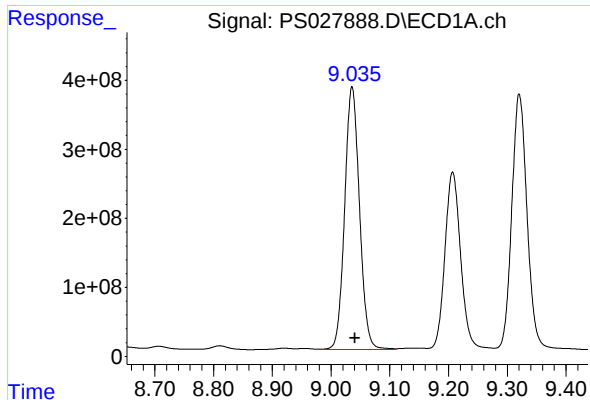
#10 Pentachlorophenol

R.T.: 8.470 min  
Delta R.T.: -0.004 min  
Response: 15451496036  
Conc: 397.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.364 min  
Delta R.T.: -0.001 min  
Response: 4962114669  
Conc: 359.08 ng/ml



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

R.T.: 9.036 min  
Delta R.T.: -0.005 min  
Response: 6678559192  
Conc: 423.61 ng/ml

Instrument :

ECD\_S

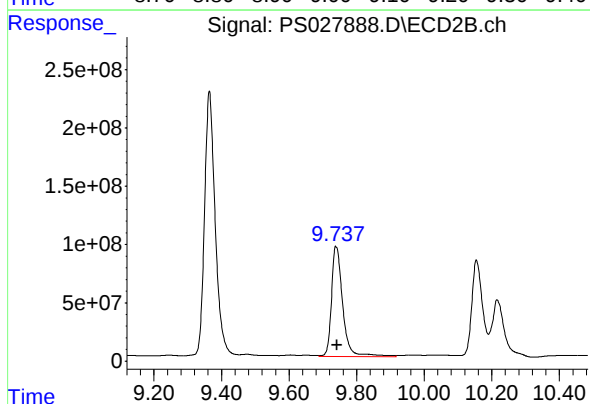
ClientSampleId :

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Manual Integrations

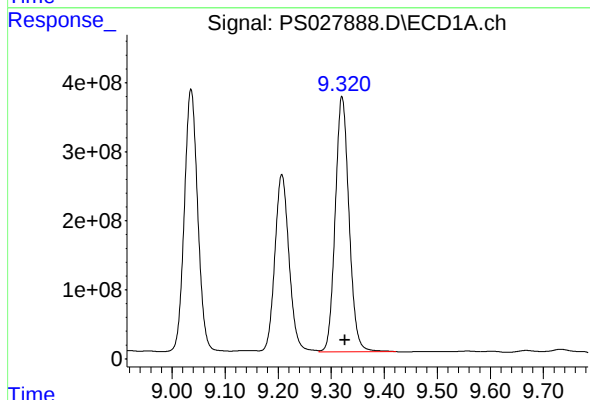
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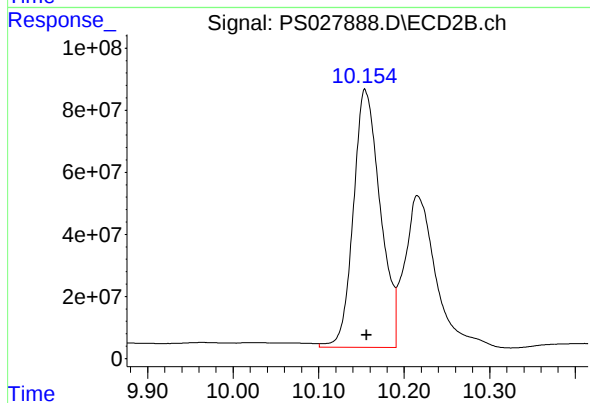
#11 2,4,5-TP (SILVEX)

R.T.: 9.740 min  
Delta R.T.: -0.002 min  
Response: 2173281637  
Conc: 438.67 ng/ml



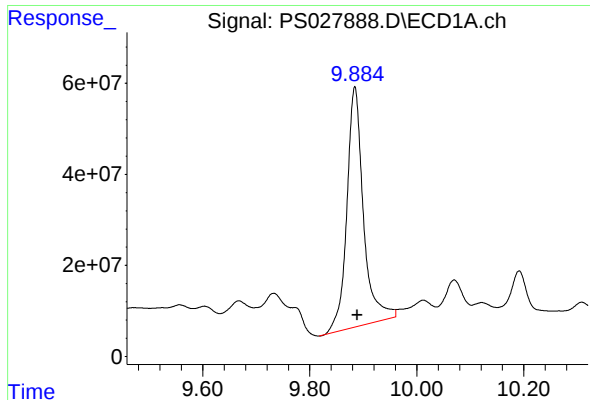
#12 2,4,5-T

R.T.: 9.320 min  
Delta R.T.: -0.005 min  
Response: 6673133311  
Conc: 412.62 ng/ml



#12 2,4,5-T

R.T.: 10.155 min  
Delta R.T.: 0.000 min  
Response: 1818761762  
Conc: 422.45 ng/ml



#13 2,4-DB

R.T.: 9.884 min  
Delta R.T.: -0.005 min  
Response: 1138391128  
Conc: 438.91 ng/ml

Instrument :

ECD\_S

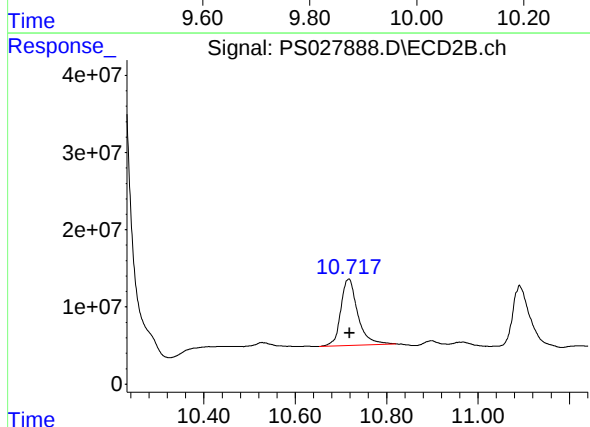
ClientSampleId :

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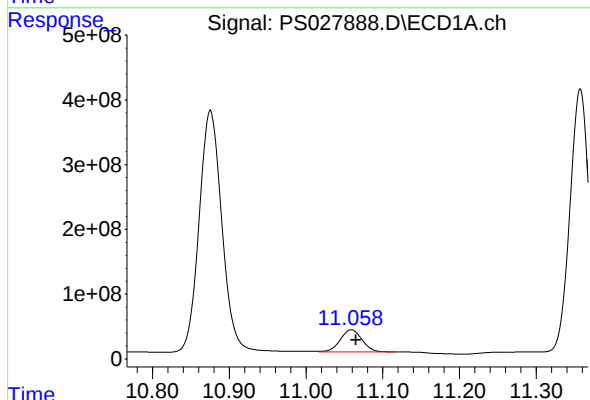
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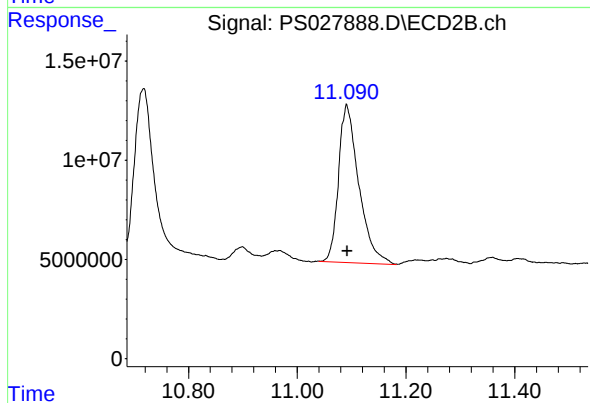
#13 2,4-DB

R.T.: 10.717 min  
Delta R.T.: -0.003 min  
Response: 223890647  
Conc: 442.17 ng/ml



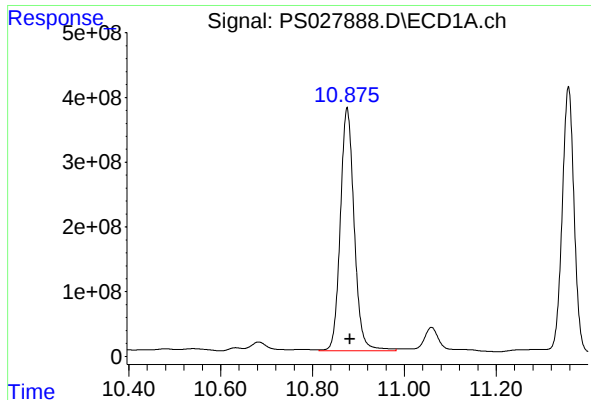
#14 DINOSEB

R.T.: 11.058 min  
Delta R.T.: -0.007 min  
Response: 673377167  
Conc: 63.87 ng/ml m



#14 DINOSEB

R.T.: 11.090 min  
Delta R.T.: -0.002 min  
Response: 206364515  
Conc: 61.09 ng/ml m



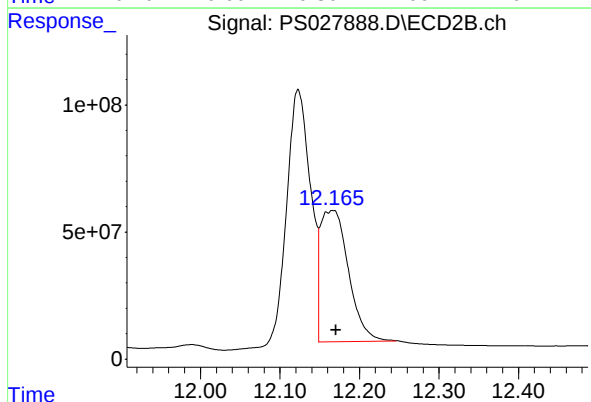
#15 Picloram

R.T.: 10.875 min  
Delta R.T.: -0.006 min  
Response: 7872488897  
Conc: 365.70 ng/ml

Instrument :  
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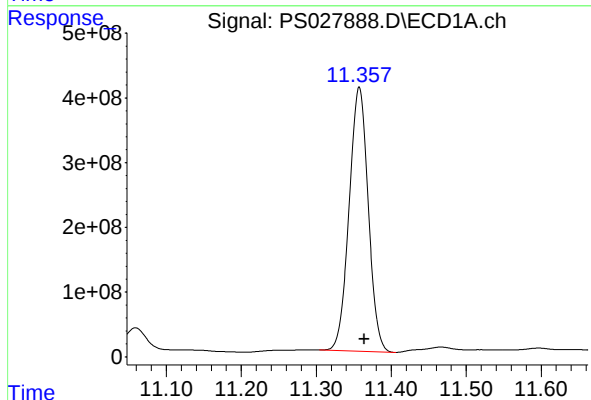
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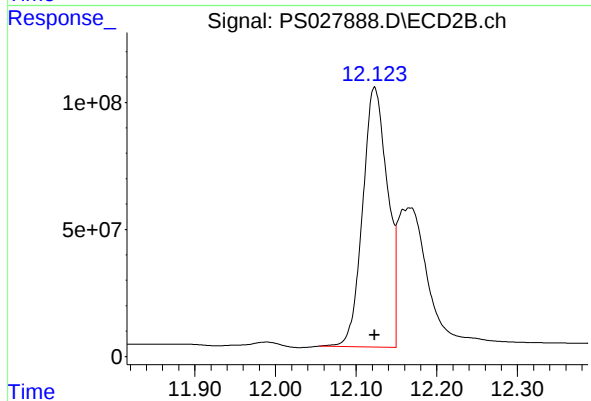
#15 Picloram

R.T.: 12.165 min  
Delta R.T.: -0.006 min  
Response: 1250456184  
Conc: 299.34 ng/ml m



#16 DCPA

R.T.: 11.357 min  
Delta R.T.: -0.007 min  
Response: 7226483675  
Conc: 406.88 ng/ml m



#16 DCPA

R.T.: 12.123 min  
Delta R.T.: 0.000 min  
Response: 2217563272  
Conc: 461.96 ng/ml m