

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS112923\  
 Data File : PS024976.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Nov 2023 17:01  
 Operator : AR\AJ  
 Sample : PB157458BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB157458BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023  
 Supervised By :Ankita Jodhani 11/30/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 23:49:13 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS112823.M  
 Quant Title : 8080.M  
 QLast Update : Tue Nov 28 16:40:06 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 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     | 6.355  | 6.771  | 1065.4E6  | 347.5E6  | 476.063m | 479.643 |
| Target Compounds            |              |        |        |           |          |          |         |
| 1) T                        | Dalapon      | 2.473  | 2.533  | 1242.4E6  | 483.7E6  | 430.833  | 421.654 |
| 2) T                        | 3,5-DICHL... | 5.731  | 5.960  | 1498.0E6  | 510.0E6  | 443.212  | 448.636 |
| 3) T                        | 4-Nitroph... | 6.193  | 6.386  | 650.5E6   | 211.7E6  | 441.699  | 434.612 |
| 5) T                        | DICAMBA      | 6.496  | 6.931  | 4483.4E6  | 1394.9E6 | 460.047  | 450.223 |
| 6) T                        | MCPD         | 6.646  | 7.027  | 297.6E6   | 90337746 | 43.447   | 43.552  |
| 7) T                        | MCPA         | 6.768  | 7.232  | 416.1E6   | 142.3E6  | 43.709   | 43.270  |
| 8) T                        | DICHLORPROP  | 7.083  | 7.545  | 1161.0E6  | 348.2E6  | 452.570  | 442.670 |
| 9) T                        | 2,4-D        | 7.281  | 7.827  | 1388.6E6  | 433.6E6  | 457.192  | 445.113 |
| 10) T                       | Pentachlo... | 7.509  | 8.251  | 17163.9E6 | 5278.3E6 | 489.509  | 465.644 |
| 11) T                       | 2,4,5-TP ... | 8.030  | 8.609  | 7056.2E6  | 2004.3E6 | 464.497  | 454.476 |
| 12) T                       | 2,4,5-T      | 8.286  | 8.978  | 6758.0E6  | 1974.5E6 | 467.863  | 457.636 |
| 13) T                       | 2,4-DB       | 8.790  | 9.481  | 1159.9E6  | 251.4E6  | 499.245  | 454.265 |
| 14) T                       | DINOSEB      | 9.844  | 9.809  | 4989.8E6  | 1396.5E6 | 459.559  | 455.488 |
| 15) T                       | Picloram     | 9.670  | 10.759 | 7568.6E6  | 2364.0E6 | 388.418  | 361.181 |
| 16) T                       | DCPA         | 10.109 | 10.731 | 8912.5E6  | 2604.8E6 | 475.006  | 480.594 |
| -----                       |              |        |        |           |          |          |         |

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

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Acq On : 29 Nov 2023 17:01  
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Sample : PB157458BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

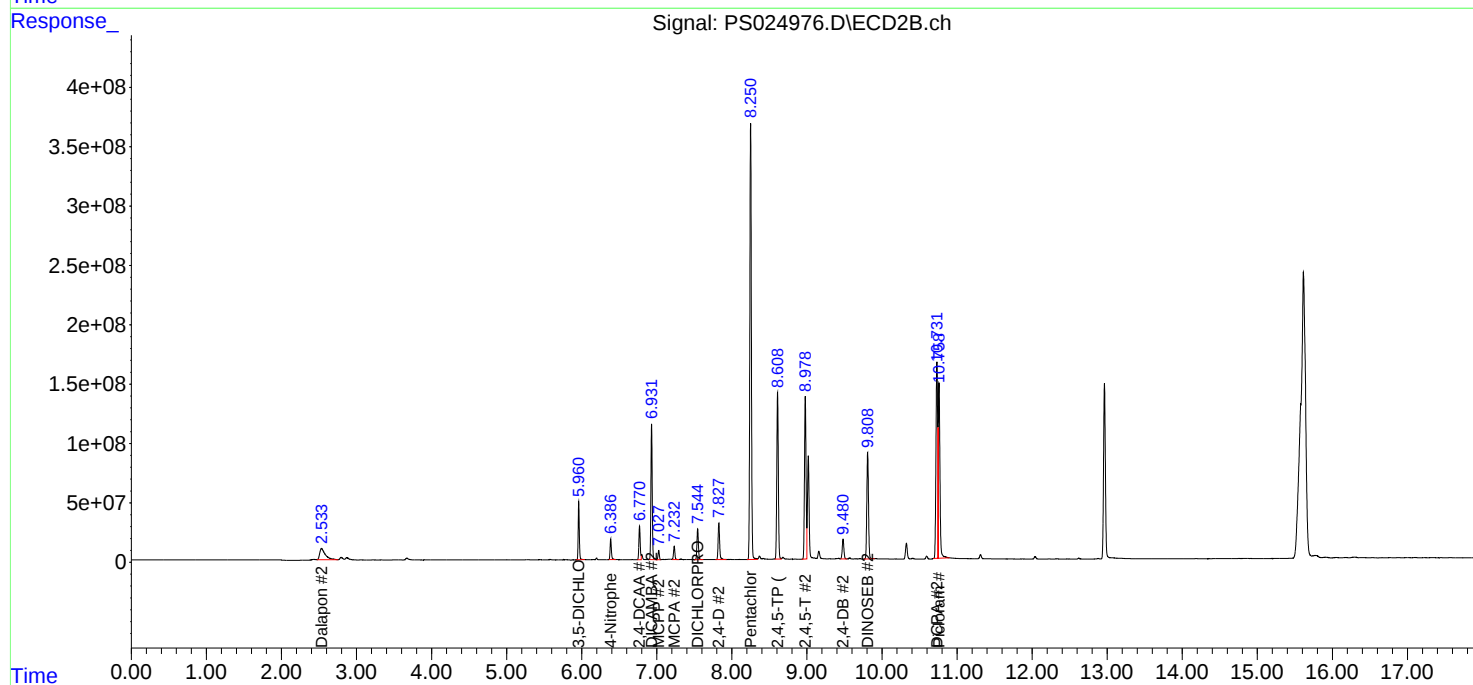
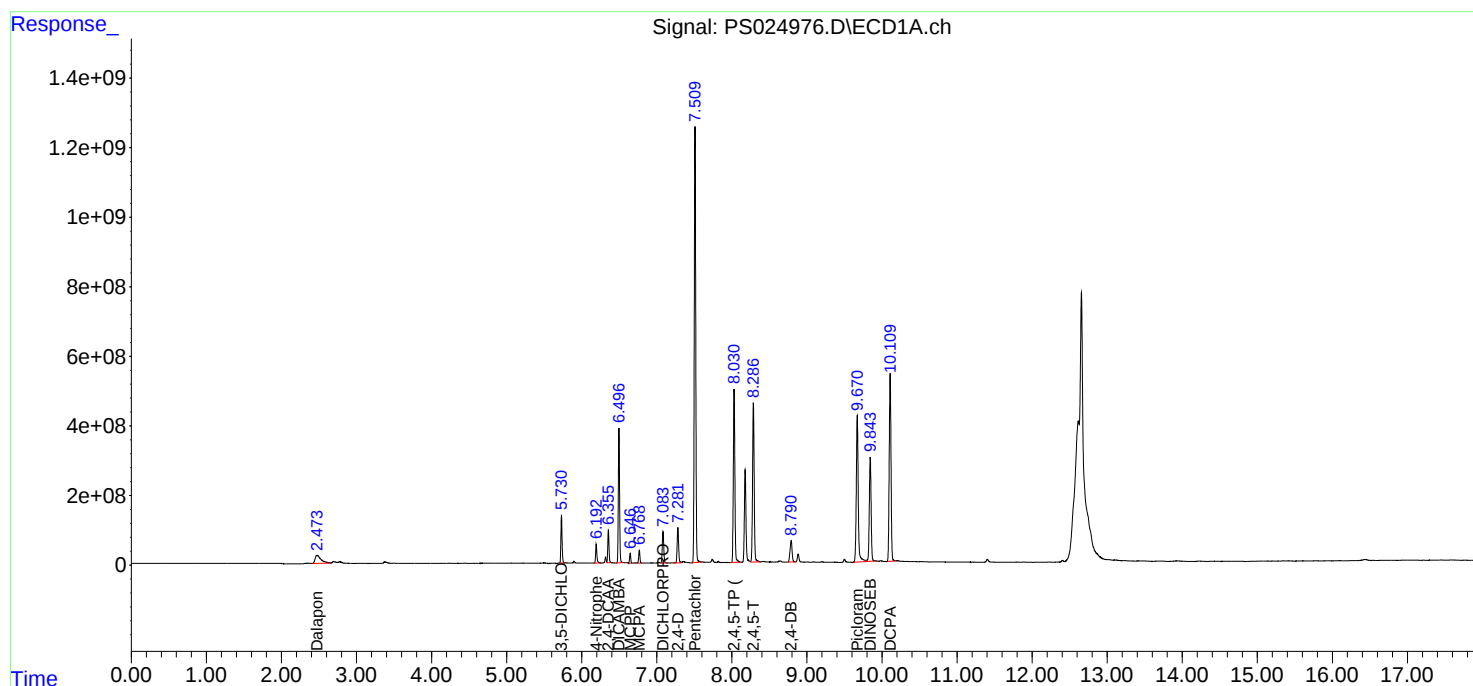
Instrument :  
ECD\_S  
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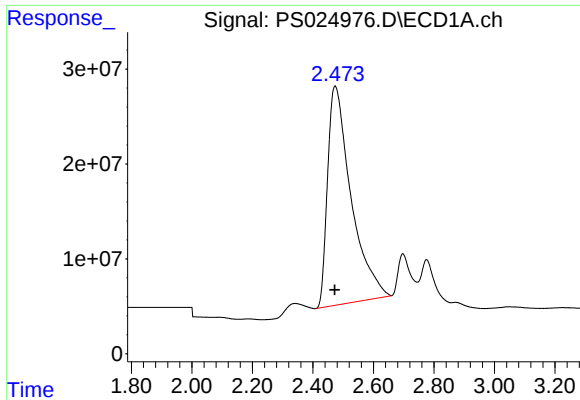
Manual Integrations  
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Integration File signal 1: autoint1.e  
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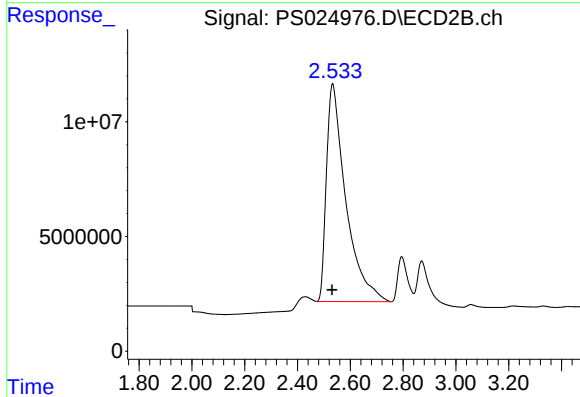
#1 Dalapon

R.T.: 2.473 min  
Delta R.T.: 0.001 min  
Response: 1242394331  
Conc: 430.83 ng/ml

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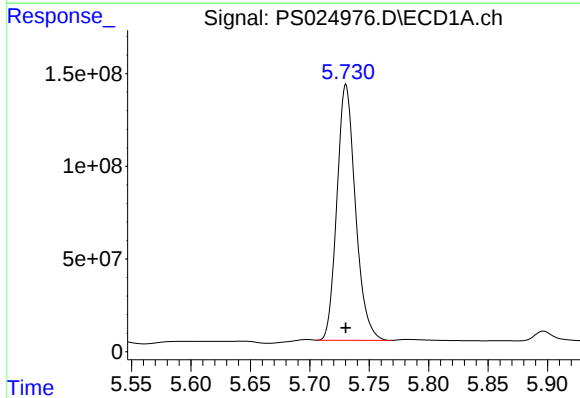
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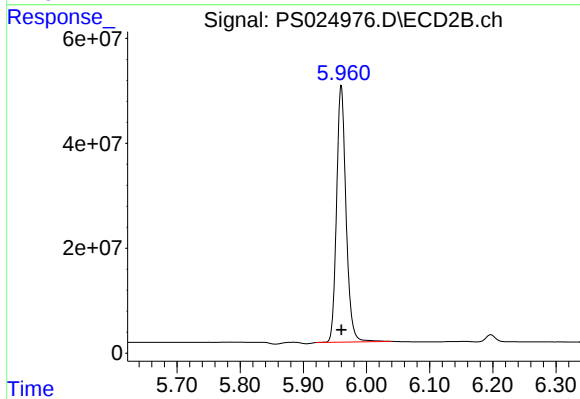
#1 Dalapon

R.T.: 2.533 min  
Delta R.T.: 0.002 min  
Response: 483658779  
Conc: 421.65 ng/ml



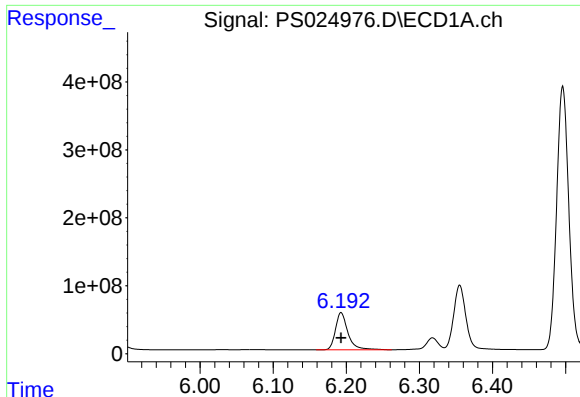
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.731 min  
Delta R.T.: 0.000 min  
Response: 1498044666  
Conc: 443.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.960 min  
Delta R.T.: 0.000 min  
Response: 509994851  
Conc: 448.64 ng/ml



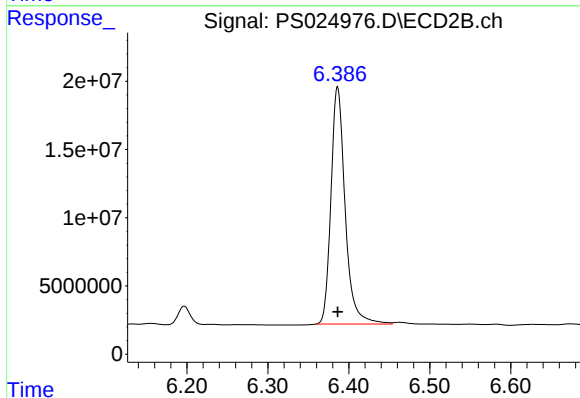
#3 4-Nitrophenol

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 650460772  
Conc: 441.70 ng/ml

Instrument :  
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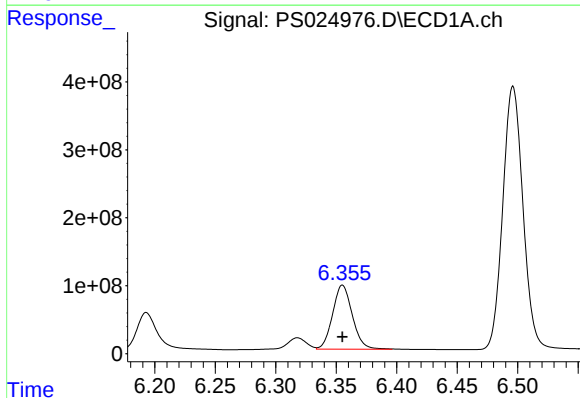
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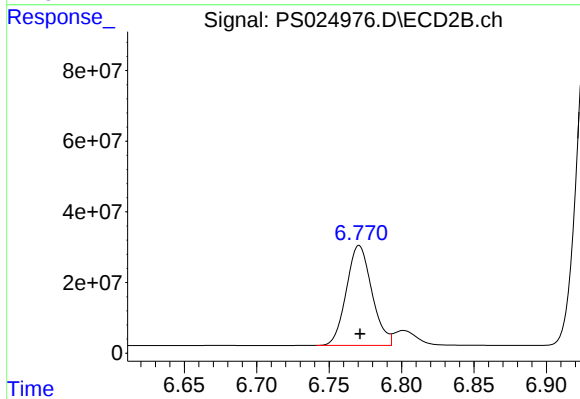
#3 4-Nitrophenol

R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 211672062  
Conc: 434.61 ng/ml



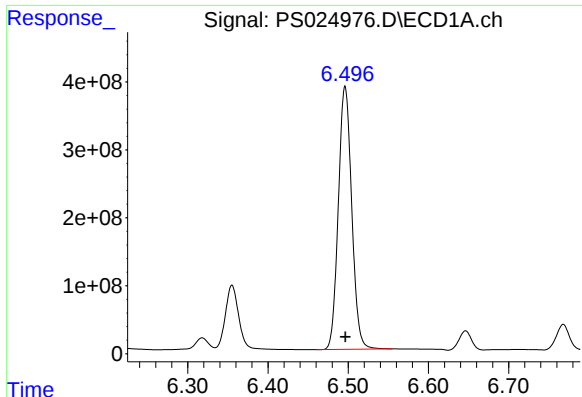
#4 2,4-DCAA

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 1065353868  
Conc: 476.06 ng/ml m



#4 2,4-DCAA

R.T.: 6.771 min  
Delta R.T.: 0.000 min  
Response: 347527512  
Conc: 479.64 ng/ml



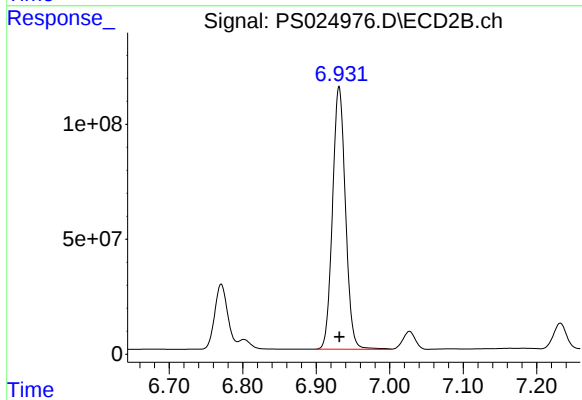
#5 DICAMBA

R.T.: 6.496 min  
Delta R.T.: 0.000 min  
Response: 4483436134  
Conc: 460.05 ng/ml

Instrument :  
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ClientSampleId :  
PB157458BS

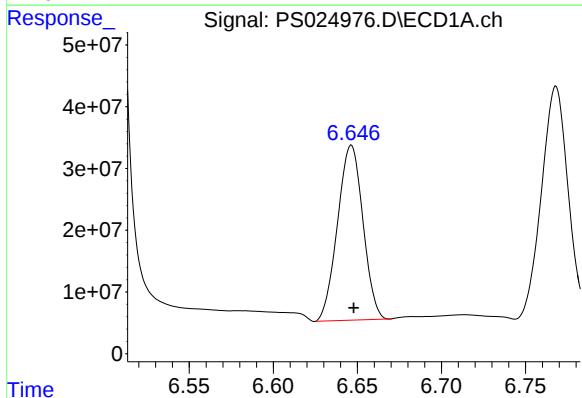
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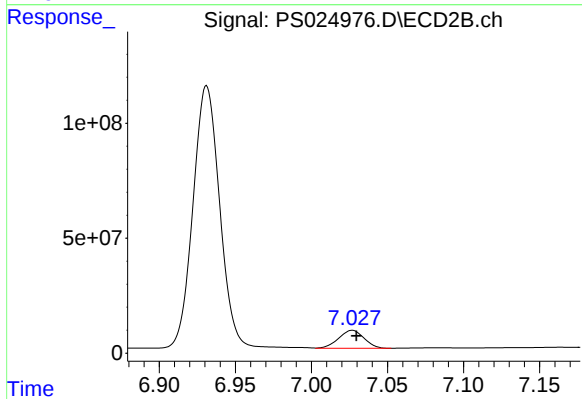
#5 DICAMBA

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 1394920461  
Conc: 450.22 ng/ml



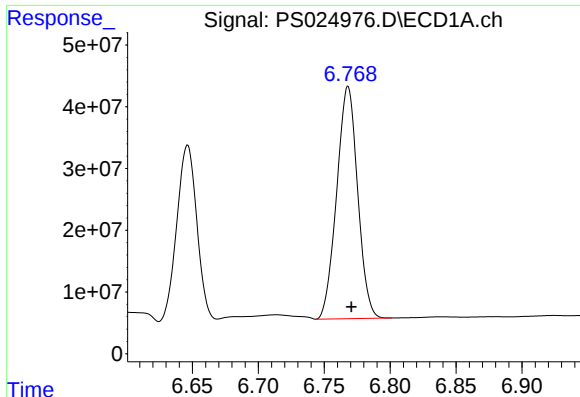
#6 MCPP

R.T.: 6.646 min  
Delta R.T.: -0.002 min  
Response: 297579825  
Conc: 43.45 ug/ml



#6 MCPP

R.T.: 7.027 min  
Delta R.T.: -0.003 min  
Response: 90337746  
Conc: 43.55 ug/ml



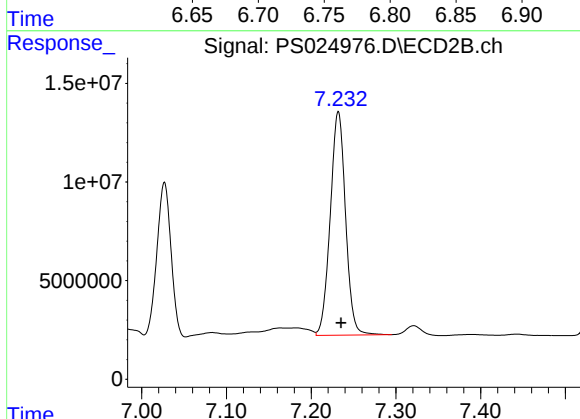
#7 MCPA

R.T.: 6.768 min  
Delta R.T.: -0.003 min  
Response: 416112282  
Conc: 43.71 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB157458BS

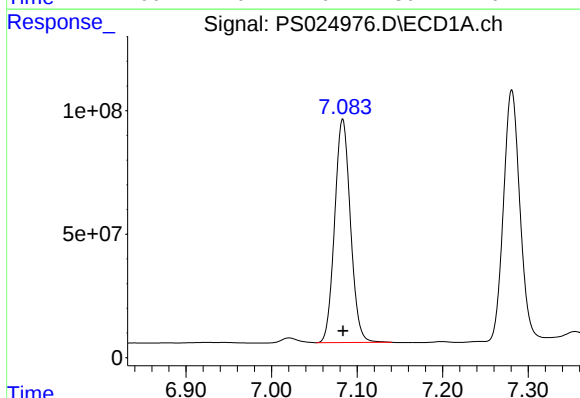
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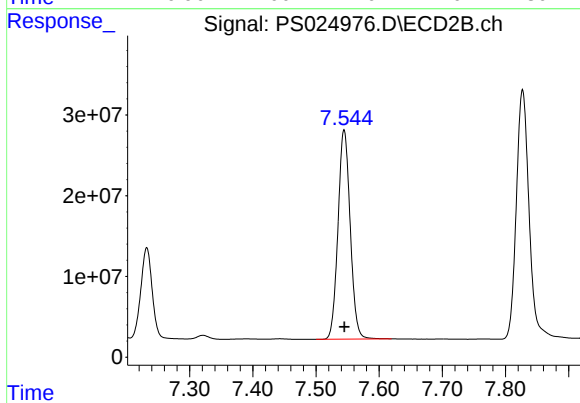
#7 MCPA

R.T.: 7.232 min  
Delta R.T.: -0.003 min  
Response: 142326887  
Conc: 43.27 ug/ml



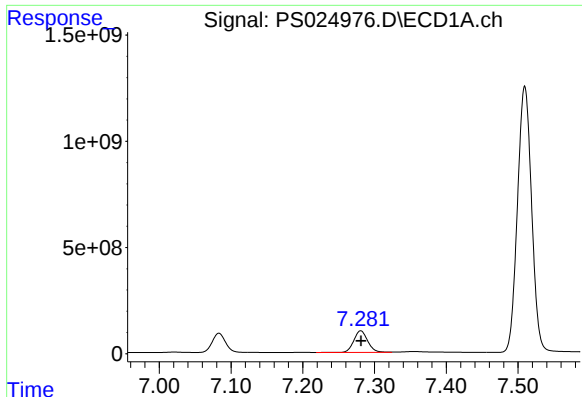
#8 DICHLORPROP

R.T.: 7.083 min  
Delta R.T.: 0.000 min  
Response: 1160976547  
Conc: 452.57 ng/ml



#8 DICHLORPROP

R.T.: 7.545 min  
Delta R.T.: 0.000 min  
Response: 348228549  
Conc: 442.67 ng/ml



#9 2,4-D

R.T.: 7.281 min  
Delta R.T.: 0.000 min  
Response: 1388647140  
Conc: 457.19 ng/ml

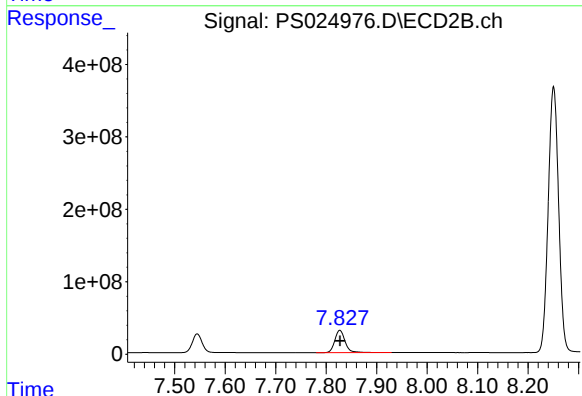
Instrument :

ECD\_S

ClientSampleId :  
PB157458BS

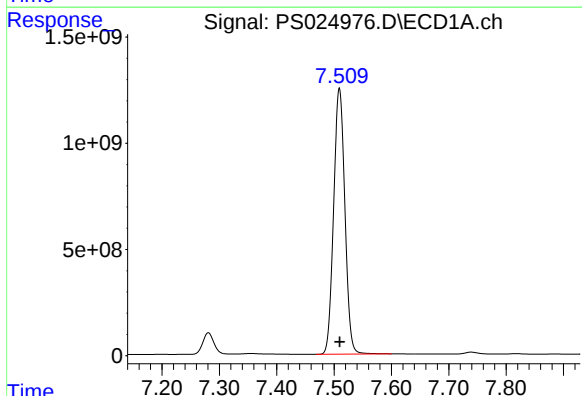
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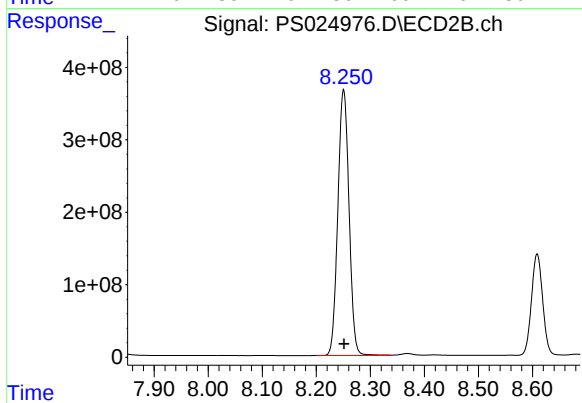
#9 2,4-D

R.T.: 7.827 min  
Delta R.T.: 0.000 min  
Response: 433562335  
Conc: 445.11 ng/ml



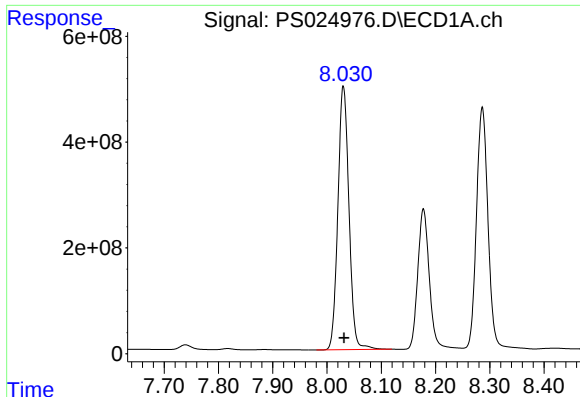
#10 Pentachlorophenol

R.T.: 7.509 min  
Delta R.T.: 0.000 min  
Response: 17163881246  
Conc: 489.51 ng/ml



#10 Pentachlorophenol

R.T.: 8.251 min  
Delta R.T.: 0.000 min  
Response: 5278309985  
Conc: 465.64 ng/ml



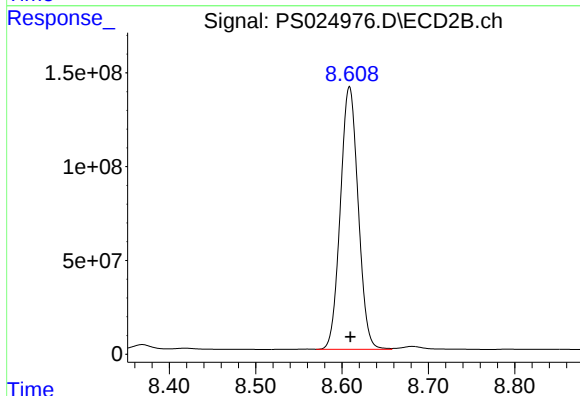
#11 2,4,5-TP (SILVEX)

R.T.: 8.030 min  
Delta R.T.: 0.000 min  
Response: 7056231187  
Conc: 464.50 ng/ml

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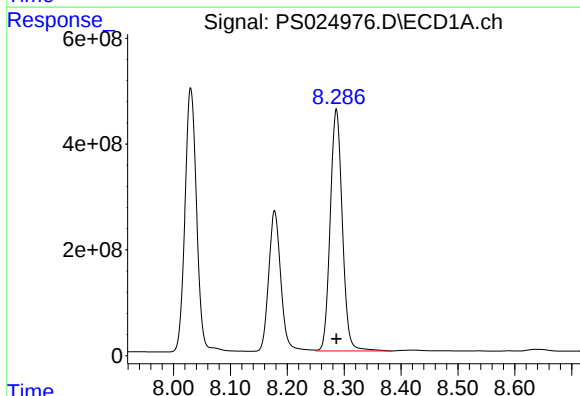
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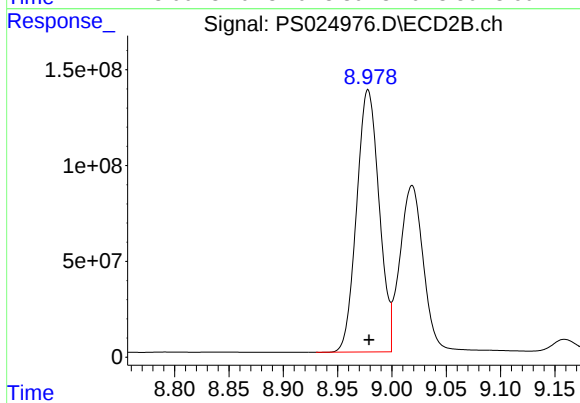
#11 2,4,5-TP (SILVEX)

R.T.: 8.609 min  
Delta R.T.: -0.001 min  
Response: 2004282619  
Conc: 454.48 ng/ml



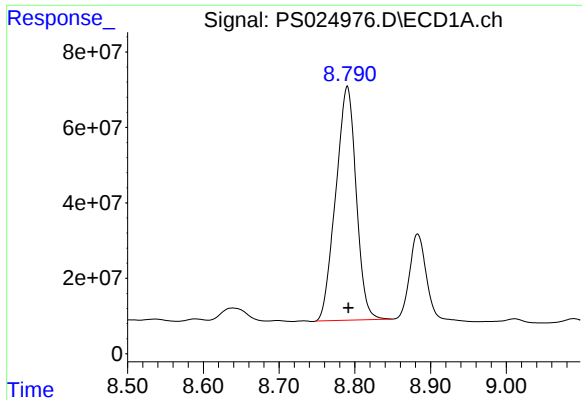
#12 2,4,5-T

R.T.: 8.286 min  
Delta R.T.: 0.000 min  
Response: 6757982418  
Conc: 467.86 ng/ml



#12 2,4,5-T

R.T.: 8.978 min  
Delta R.T.: 0.000 min  
Response: 1974500244  
Conc: 457.64 ng/ml



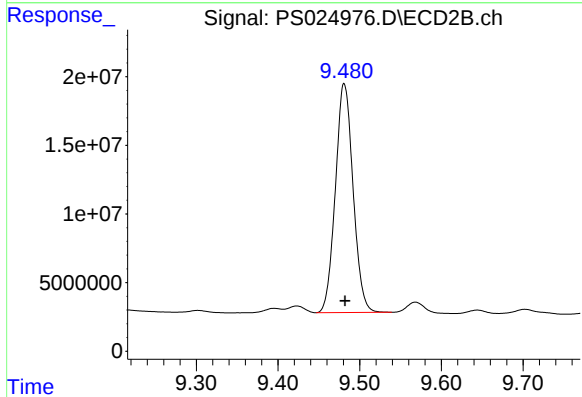
#13 2,4-DB

R.T.: 8.790 min  
Delta R.T.: -0.001 min  
Response: 1159893581  
Conc: 499.25 ng/ml

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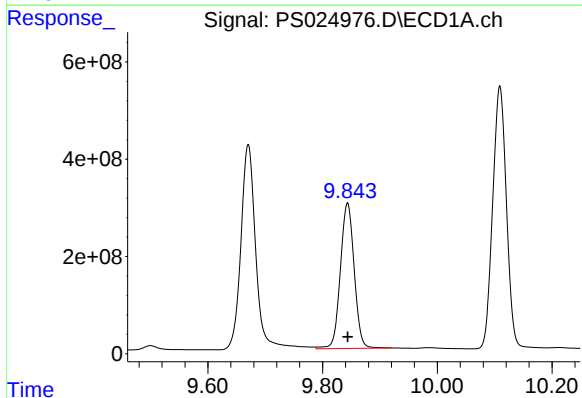
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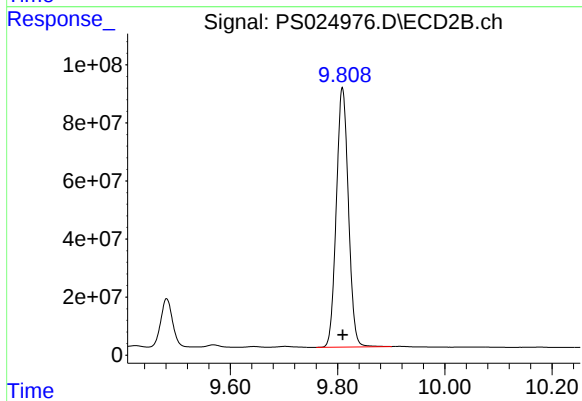
#13 2,4-DB

R.T.: 9.481 min  
Delta R.T.: 0.000 min  
Response: 251420718  
Conc: 454.26 ng/ml



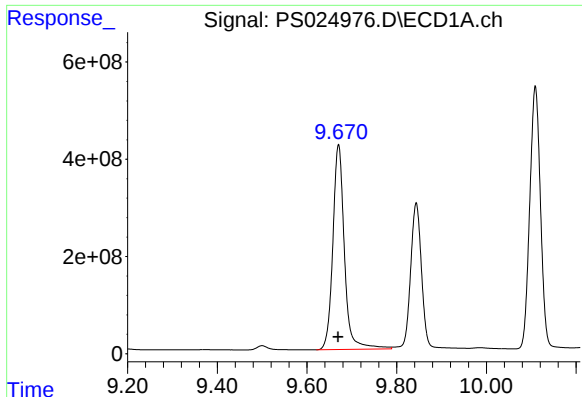
#14 DINOSEB

R.T.: 9.844 min  
Delta R.T.: 0.000 min  
Response: 4989805034  
Conc: 459.56 ng/ml



#14 DINOSEB

R.T.: 9.809 min  
Delta R.T.: 0.000 min  
Response: 1396495450  
Conc: 455.49 ng/ml



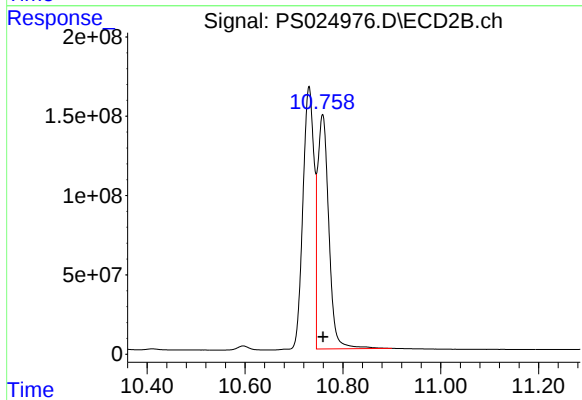
#15 Picloram

R.T.: 9.670 min  
Delta R.T.: 0.000 min  
Response: 7568634716  
Conc: 388.42 ng/ml

Instrument :  
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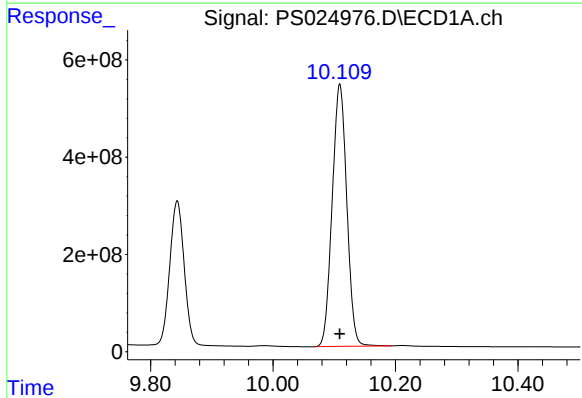
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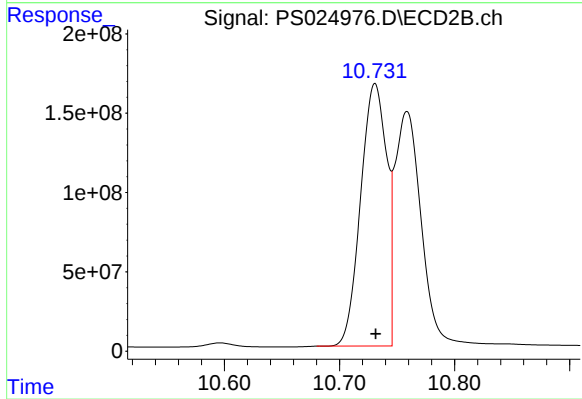
#15 Picloram

R.T.: 10.759 min  
Delta R.T.: -0.001 min  
Response: 2364028826  
Conc: 361.18 ng/ml



#16 DCPA

R.T.: 10.109 min  
Delta R.T.: 0.000 min  
Response: 8912535388  
Conc: 475.01 ng/ml



#16 DCPA

R.T.: 10.731 min  
Delta R.T.: 0.000 min  
Response: 2604791322  
Conc: 480.59 ng/ml