

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS092223\  
 Data File : PS024361.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Sep 2023 12:40  
 Operator : AR\AJ  
 Sample : 04474-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 H-2313-SOILMSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/25/2023  
 Supervised By : Ankita Jodhani 09/26/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 22 12:57:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS082823.M  
 Quant Title : 8080.M  
 QLast Update : Mon Aug 28 16:48:10 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 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     | 6.361  | 6.787  | 466.1E6  | 142.2E6  | 233.949  | 211.751m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.483  | 2.548  | 369.6E6  | 161.0E6  | 170.041  | 152.634   |
| 2) T                        | 3,5-DICHL... | 5.736  | 5.972  | 591.2E6  | 192.9E6  | 194.479  | 185.033   |
| 3) T                        | 4-Nitroph... | 6.198  | 6.399  | 103.0E6  | 27742644 | 82.894m  | 65.782m   |
| 5) T                        | DICAMBA      | 6.503  | 6.949  | 1754.7E6 | 518.7E6  | 201.288  | 180.084   |
| 6) T                        | MCPD         | 6.651  | 7.041  | 77569440 | 38946566 | 12.457   | 20.331m#  |
| 7) T                        | MCPA         | 6.773  | 7.248  | 151.2E6  | 54549761 | 17.416   | 18.662m   |
| 8) T                        | DICHLORPROP  | 7.090  | 7.565  | 402.7E6  | 162.6E6  | 177.123m | 223.820m# |
| 9) T                        | 2,4-D        | 7.287  | 7.848  | 585.6E6  | 181.7E6  | 220.158  | 203.910   |
| 10) T                       | Pentachlo... | 7.517  | 8.273  | 5270.9E6 | 1626.7E6 | 168.547  | 153.542   |
| 11) T                       | 2,4,5-TP ... | 8.038  | 8.631  | 2098.9E6 | 635.6E6  | 157.026  | 153.189m  |
| 12) T                       | 2,4,5-T      | 8.293  | 9.001  | 2264.3E6 | 698.5E6  | 182.749  | 174.066m  |
| 13) T                       | 2,4-DB       | 8.801  | 9.505  | 384.9E6  | 116.2E6  | 178.561  | 252.757 # |
| 14) T                       | DINOSEB      | 9.851  | 9.826  | 135.8E6  | 135.6E6  | 14.053   | 45.356m#  |
| 15) T                       | Picloram     | 9.676  | 10.785 | 3037.6E6 | 1128.2E6 | 186.002m | 189.979   |
| 16) T                       | DCPA         | 10.117 | 10.756 | 4028.7E6 | 1144.2E6 | 248.779  | 223.049   |
| -----                       |              |        |        |          |          |          |           |

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

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Misc :  
ALS Vial : 11 Sample Multiplier: 1

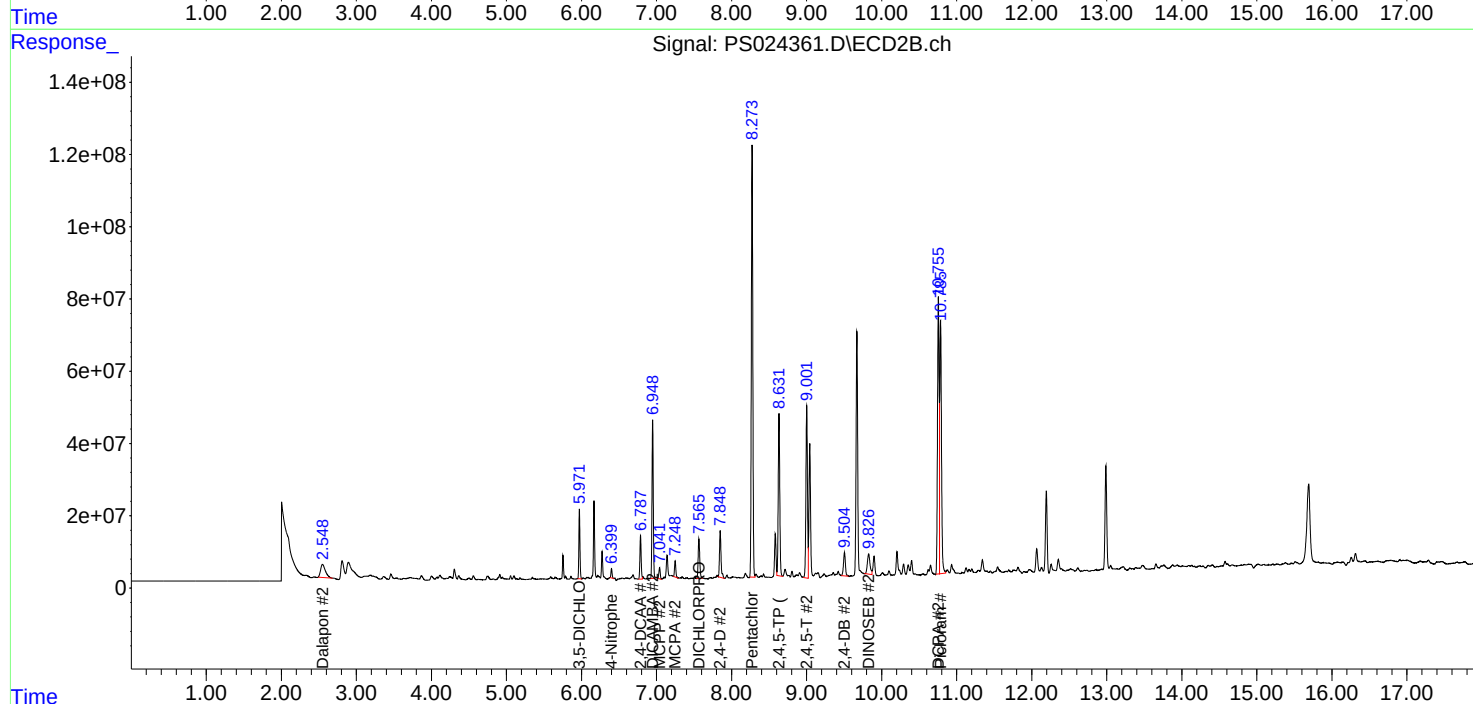
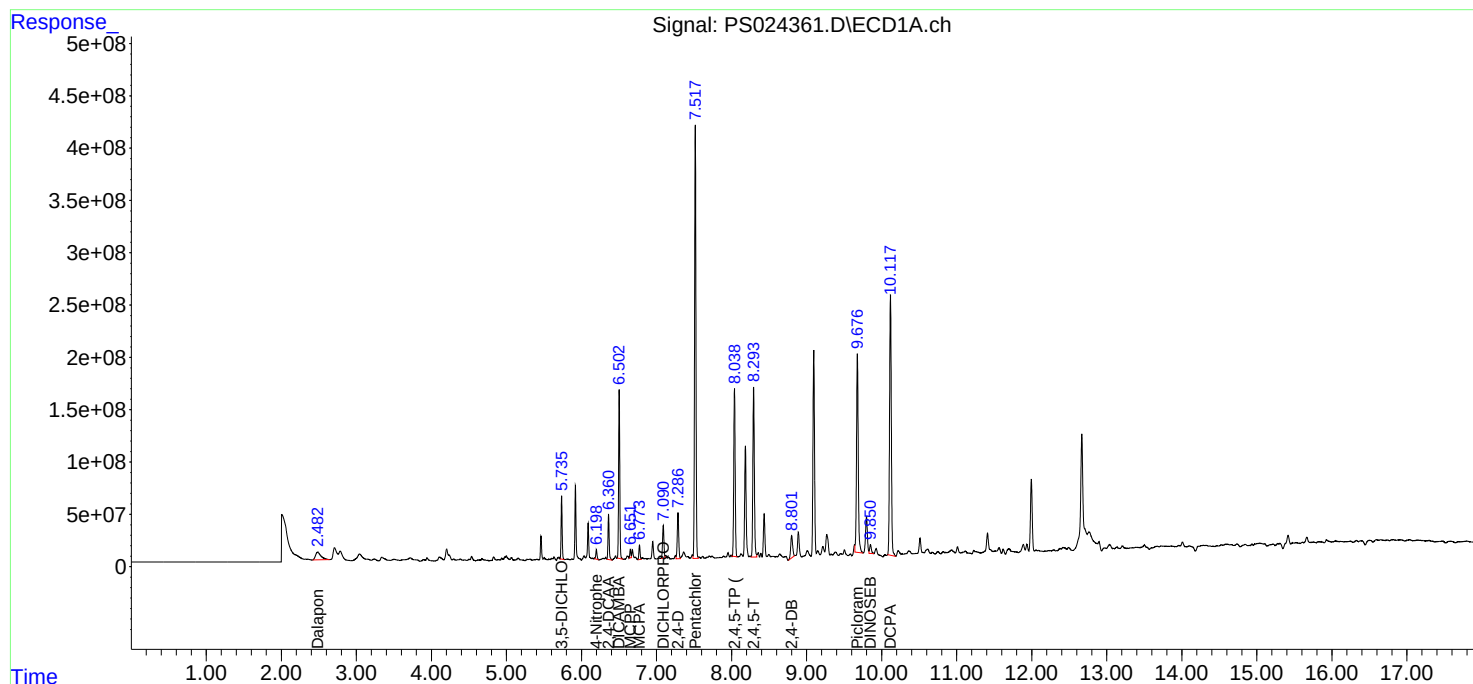
Instrument :  
ECD\_S  
ClientSampleId :  
H-2313-SOILMSD

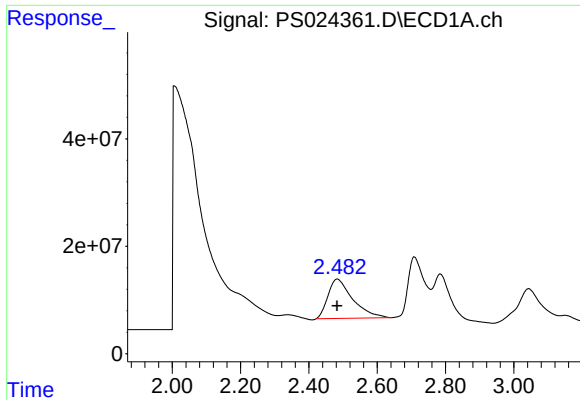
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS082823.M  
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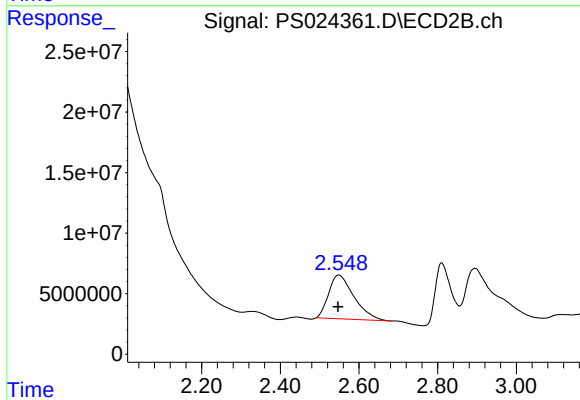
#1 Dalapon

R.T.: 2.483 min  
Delta R.T.: 0.000 min  
Response: 369583347  
Conc: 170.04 ng/ml

Instrument :  
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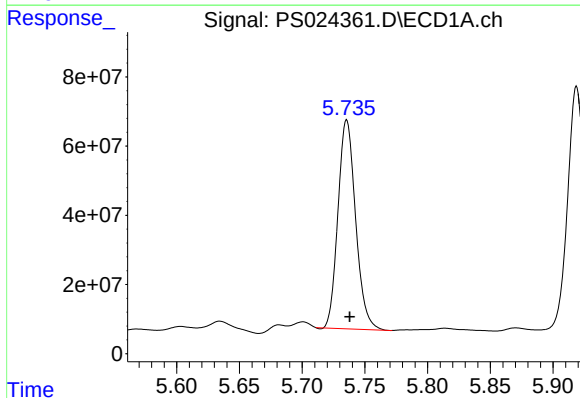
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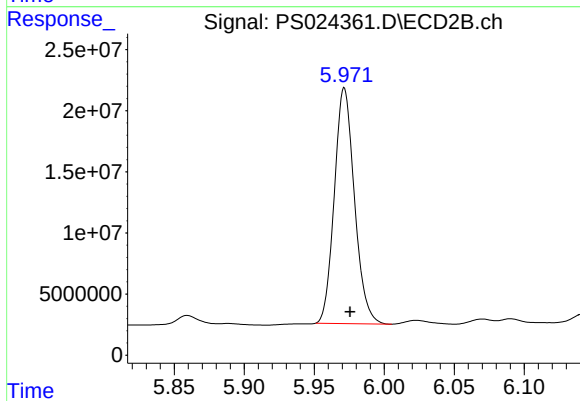
#1 Dalapon

R.T.: 2.548 min  
Delta R.T.: 0.001 min  
Response: 160953537  
Conc: 152.63 ng/ml



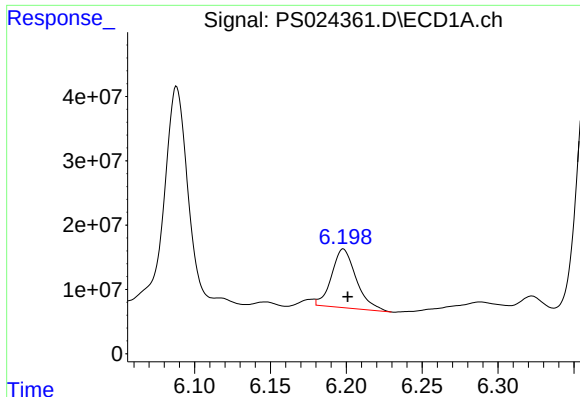
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.736 min  
Delta R.T.: -0.002 min  
Response: 591173406  
Conc: 194.48 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.972 min  
Delta R.T.: -0.004 min  
Response: 192932067  
Conc: 185.03 ng/ml



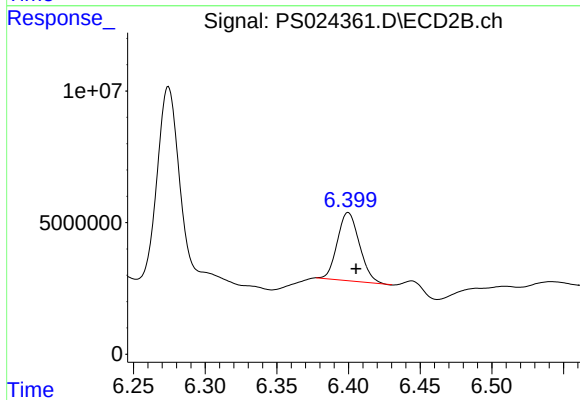
#3 4-Nitrophenol

R.T.: 6.198 min  
Delta R.T.: -0.003 min  
Response: 102984756  
Conc: 82.89 ng/ml

Instrument :  
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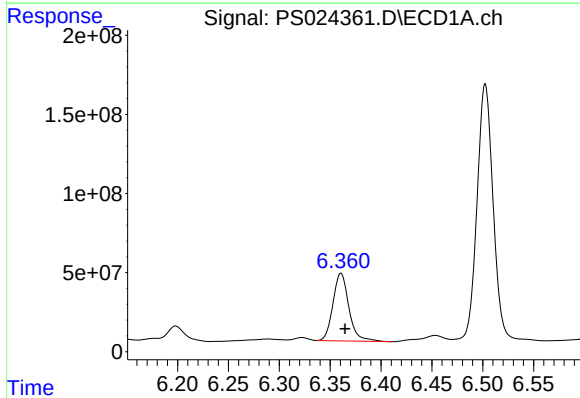
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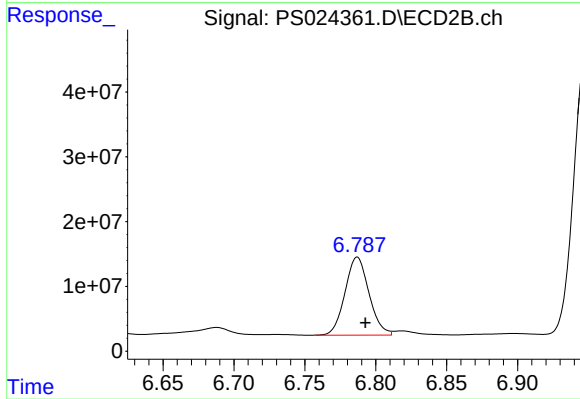
#3 4-Nitrophenol

R.T.: 6.399 min  
Delta R.T.: -0.006 min  
Response: 27742644  
Conc: 65.78 ng/ml m



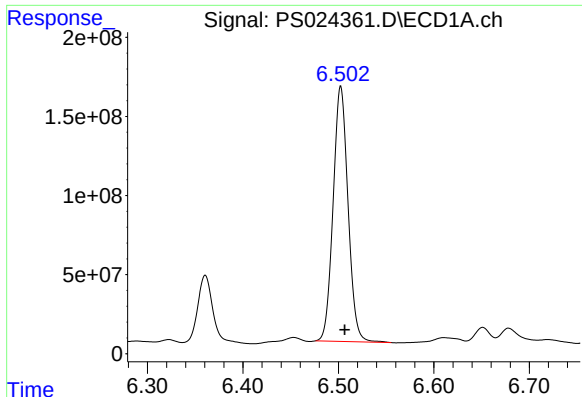
#4 2,4-DCAA

R.T.: 6.361 min  
Delta R.T.: -0.004 min  
Response: 466100943  
Conc: 233.95 ng/ml



#4 2,4-DCAA

R.T.: 6.787 min  
Delta R.T.: -0.006 min  
Response: 142210517  
Conc: 211.75 ng/ml m



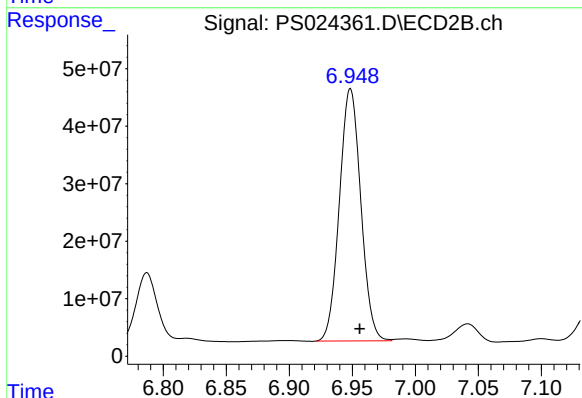
#5 DICAMBA

R.T.: 6.503 min  
Delta R.T.: -0.004 min  
Response: 1754666159  
Conc: 201.29 ng/ml

Instrument :  
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ClientSampleId :  
H-2313-SOILMSD

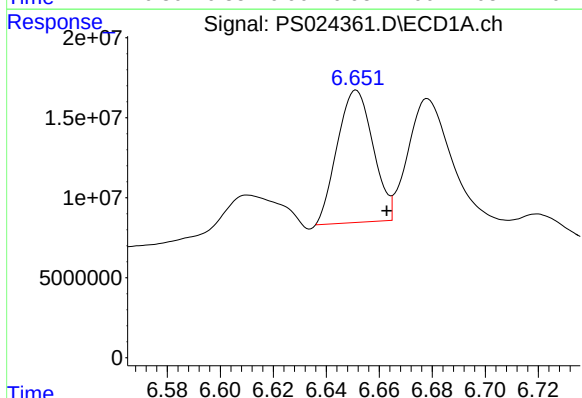
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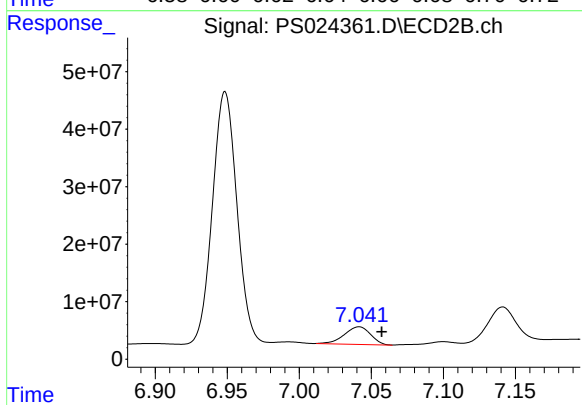
#5 DICAMBA

R.T.: 6.949 min  
Delta R.T.: -0.007 min  
Response: 518670982  
Conc: 180.08 ng/ml



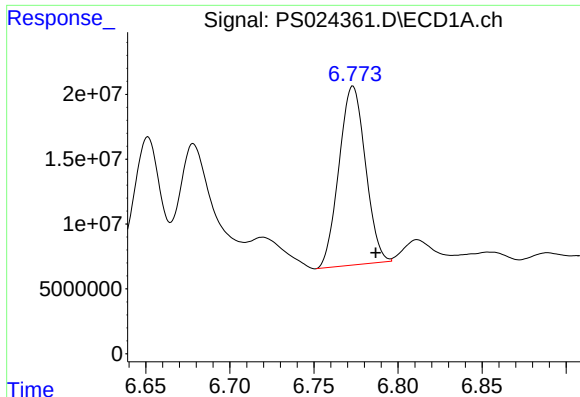
#6 MCP

R.T.: 6.651 min  
Delta R.T.: -0.011 min  
Response: 77569440  
Conc: 12.46 ug/ml



#6 MCP

R.T.: 7.041 min  
Delta R.T.: -0.016 min  
Response: 38946566  
Conc: 20.33 ug/ml m



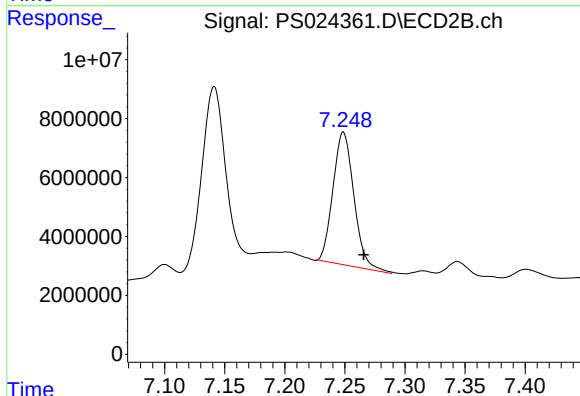
#7 MCPA

R.T.: 6.773 min  
Delta R.T.: -0.014 min  
Response: 151162160  
Conc: 17.42 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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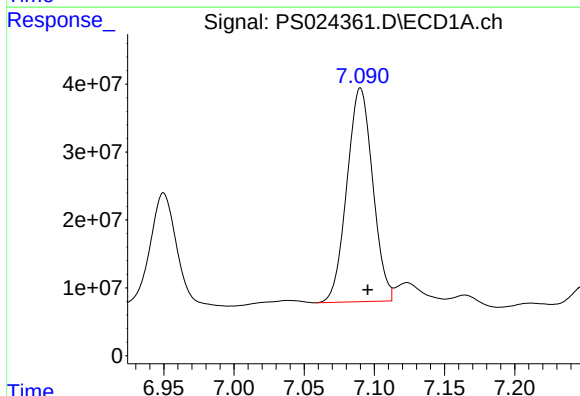
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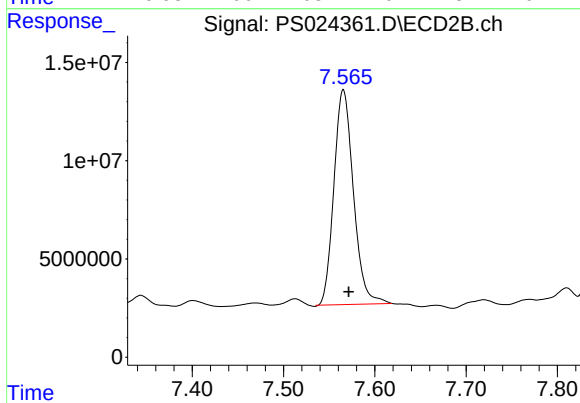
#7 MCPA

R.T.: 7.248 min  
Delta R.T.: -0.017 min  
Response: 54549761  
Conc: 18.66 ug/ml m



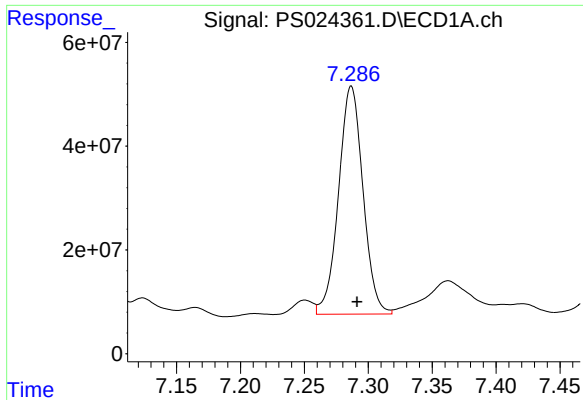
#8 DICHLORPROP

R.T.: 7.090 min  
Delta R.T.: -0.006 min  
Response: 402661791  
Conc: 177.12 ng/ml m



#8 DICHLORPROP

R.T.: 7.565 min  
Delta R.T.: -0.006 min  
Response: 162620898  
Conc: 223.82 ng/ml m



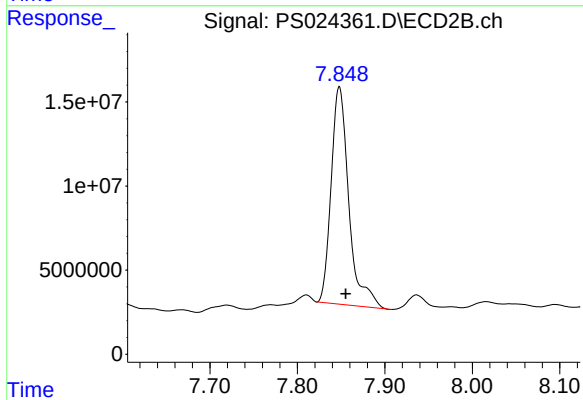
#9 2,4-D

R.T.: 7.287 min  
Delta R.T.: -0.005 min  
Response: 585595728  
Conc: 220.16 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
H-2313-SOILMSD

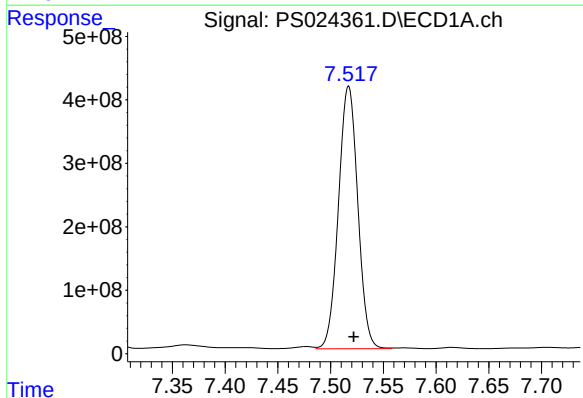
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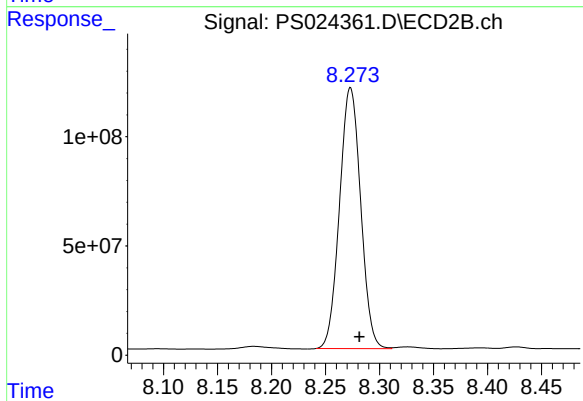
#9 2,4-D

R.T.: 7.848 min  
Delta R.T.: -0.007 min  
Response: 181660428  
Conc: 203.91 ng/ml



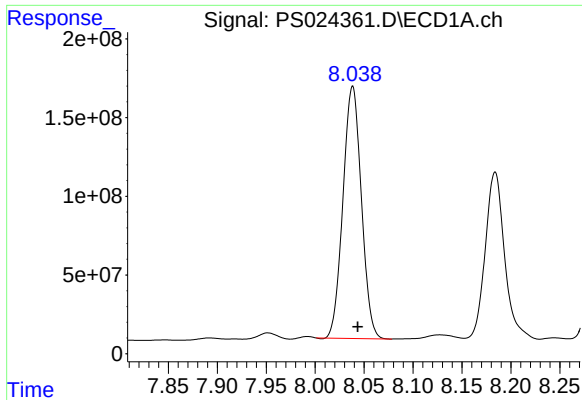
#10 Pentachlorophenol

R.T.: 7.517 min  
Delta R.T.: -0.005 min  
Response: 5270907596  
Conc: 168.55 ng/ml



#10 Pentachlorophenol

R.T.: 8.273 min  
Delta R.T.: -0.008 min  
Response: 1626729059  
Conc: 153.54 ng/ml



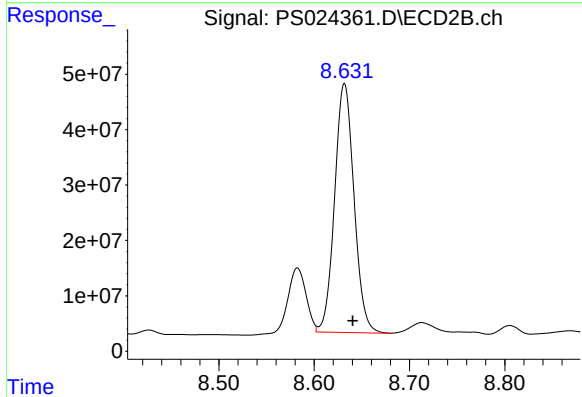
#11 2,4,5-TP (SILVEX)

R.T.: 8.038 min  
Delta R.T.: -0.005 min  
Response: 2098935734  
Conc: 157.03 ng/ml

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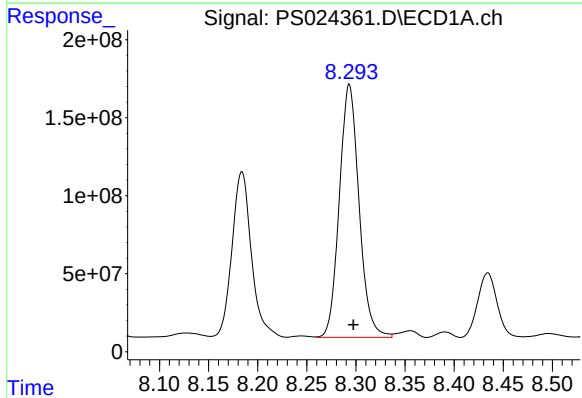
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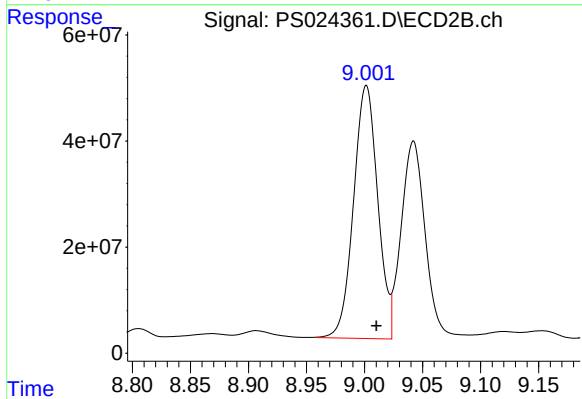
#11 2,4,5-TP (SILVEX)

R.T.: 8.631 min  
Delta R.T.: -0.009 min  
Response: 635615958  
Conc: 153.19 ng/ml m



#12 2,4,5-T

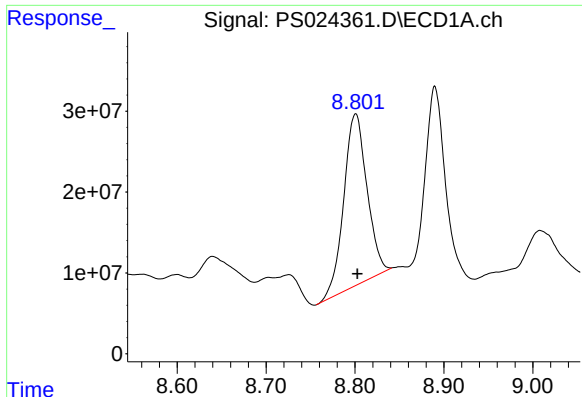
R.T.: 8.293 min  
Delta R.T.: -0.004 min  
Response: 2264265185  
Conc: 182.75 ng/ml



#12 2,4,5-T

R.T.: 9.001 min  
Delta R.T.: -0.009 min  
Response: 698537730  
Conc: 174.07 ng/ml m





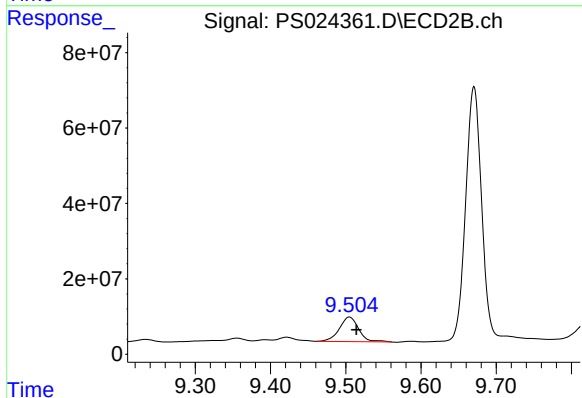
#13 2,4-DB

R.T.: 8.801 min  
Delta R.T.: -0.002 min  
Response: 384913889  
Conc: 178.56 ng/ml

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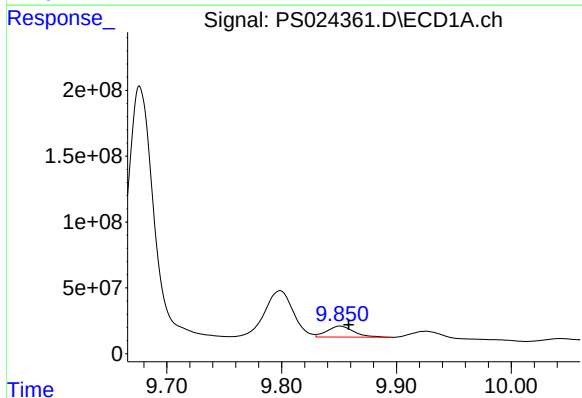
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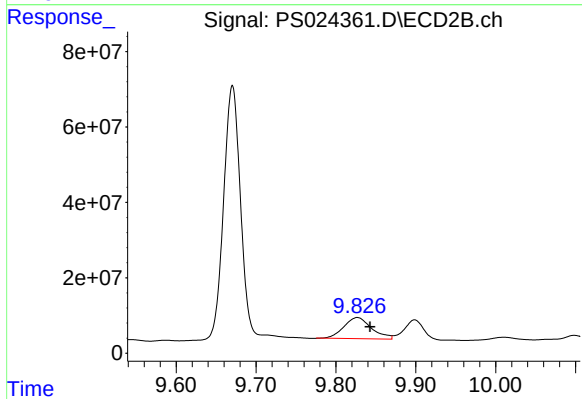
#13 2,4-DB

R.T.: 9.505 min  
Delta R.T.: -0.010 min  
Response: 116170820  
Conc: 252.76 ng/ml



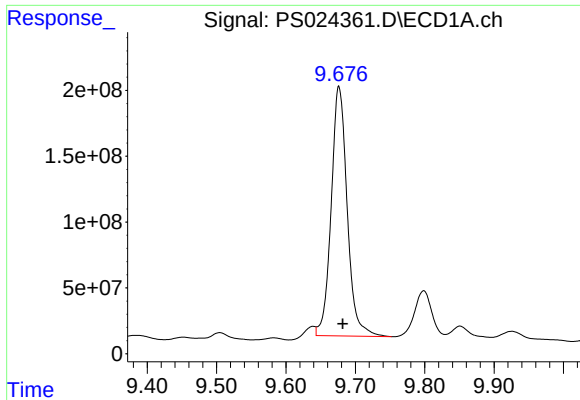
#14 DINOSEB

R.T.: 9.851 min  
Delta R.T.: -0.008 min  
Response: 135784544  
Conc: 14.05 ng/ml



#14 DINOSEB

R.T.: 9.826 min  
Delta R.T.: -0.017 min  
Response: 135581950  
Conc: 45.36 ng/ml m



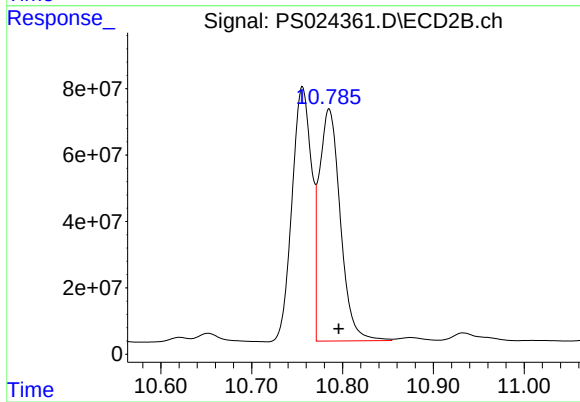
#15 Picloram

R.T.: 9.676 min  
Delta R.T.: -0.006 min  
Response: 3037634853  
Conc: 186.00 ng/ml

Instrument :  
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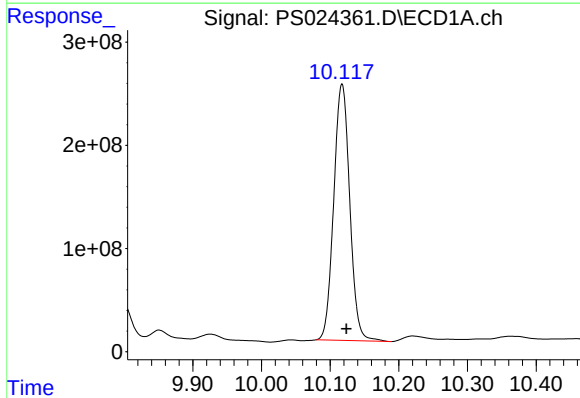
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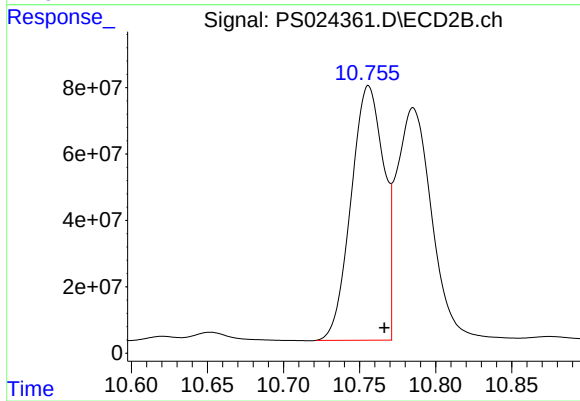
#15 Picloram

R.T.: 10.785 min  
Delta R.T.: -0.010 min  
Response: 1128241758  
Conc: 189.98 ng/ml



#16 DCPA

R.T.: 10.117 min  
Delta R.T.: -0.006 min  
Response: 4028716955  
Conc: 248.78 ng/ml



#16 DCPA

R.T.: 10.756 min  
Delta R.T.: -0.010 min  
Response: 1144234173  
Conc: 223.05 ng/ml