

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS040122\  
 Data File : PS018881.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2022 23:42  
 Operator : AJ\MA  
 Sample : N2176-01MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TT-156-IDWSO-20220329-1MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/04/2022  
 Supervised By :mohammad ahmed 04/04/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 00:44:35 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS033122.M  
 Quant Title : 8080.M  
 QLast Update : Thu Mar 31 16:06:48 2022  
 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     | 7.226  | 6.806  | 1580.0E6  | 326.8E6  | 541.198  | 457.748m   |
| Target Compounds            |              |        |        |           |          |          |            |
| 1) T                        | Dalapon      | 3.026  | 2.538  | 1099.1E6  | 285.1E6  | 240.269  | 307.340 #  |
| 2) T                        | 3,5-DICHL... | 6.435  | 5.980  | 1366.0E6  | 269.0E6  | 340.510  | 243.952m#  |
| 3) T                        | 4-Nitroph... | 7.054  | 6.420  | 543.6E6   | 105.2E6  | 476.244m | 247.705 #  |
| 5) T                        | DICAMBA      | 7.418  | 6.974  | 3833.5E6  | 857.9E6  | 304.898  | 269.481    |
| 6) T                        | MCPD         | 7.585  | 7.068  | 306.6E6   | 65611128 | 30.052   | 25.645     |
| 7) T                        | MCPA         | 7.733  | 7.279  | 447.8E6   | 97205097 | 31.462   | 27.132     |
| 8) T                        | DICHLORPROP  | 8.113  | 7.597  | 1025.4E6  | 228.1E6  | 307.590  | 277.348    |
| 9) T                        | 2,4-D        | 8.341  | 7.888  | 1266.6E6  | 274.2E6  | 316.949  | 296.650m   |
| 10) T                       | Pentachlo... | 8.652  | 8.317  | 13754.8E6 | 2958.5E6 | 307.427  | 281.141    |
| 11) T                       | 2,4,5-TP ... | 9.206  | 8.679  | 5819.8E6  | 1283.8E6 | 284.428  | 280.841    |
| 12) T                       | 2,4,5-T      | 9.494  | 9.059  | 5291.1E6  | 1213.2E6 | 258.086  | 291.335    |
| 13) T                       | 2,4-DB       | 10.045 | 9.575  | 568.5E6   | 645.5E6  | 167.448  | 1133.217 # |
| 14) T                       | DINOSEB      | 11.189 | 9.892  | 853.5E6   | 294.0E6  | 52.275m  | 91.159 #   |
| 15) T                       | Picloram     | 11.024 | 10.871 | 7307.6E6  | 1684.3E6 | 261.192  | 297.887m   |
| 16) T                       | DCPA         | 11.473 | 10.823 | 6083.5E6  | 1795.4E6 | 241.699  | 329.396 #  |
| -----                       |              |        |        |           |          |          |            |

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

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 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

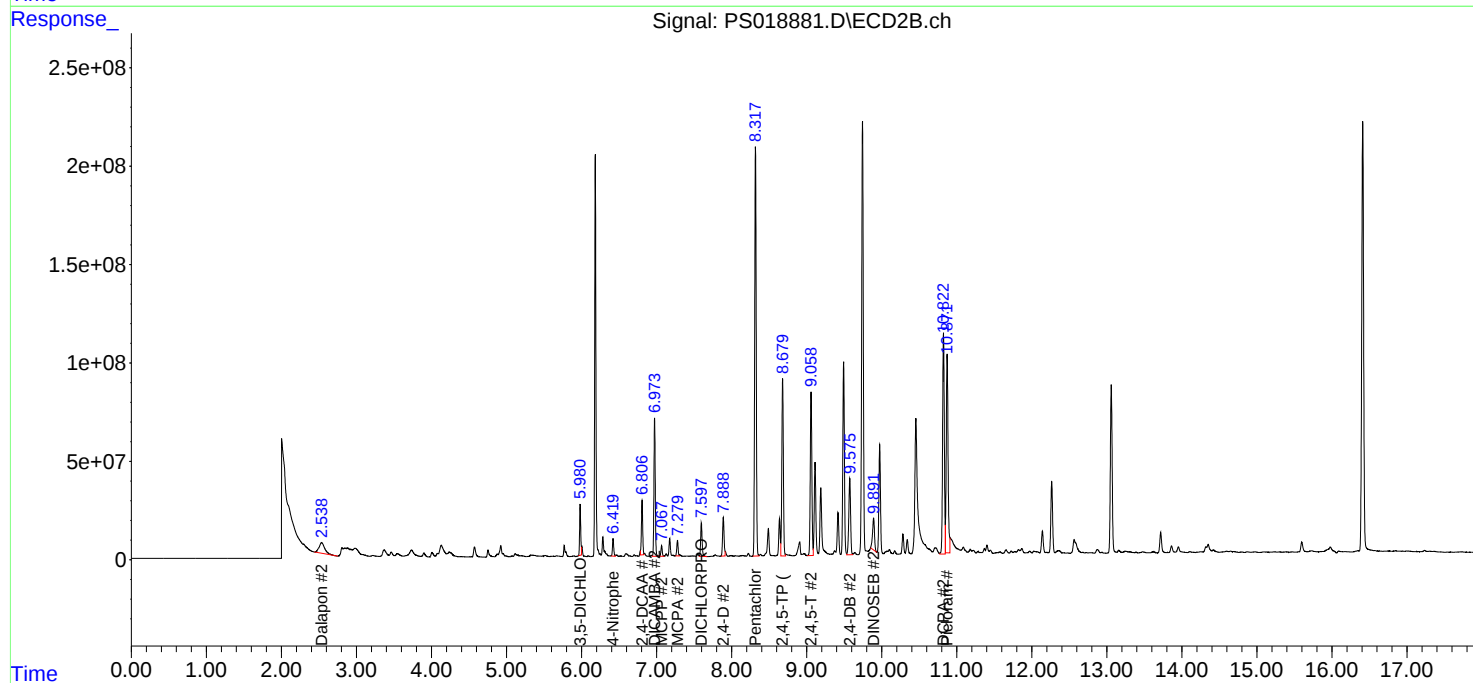
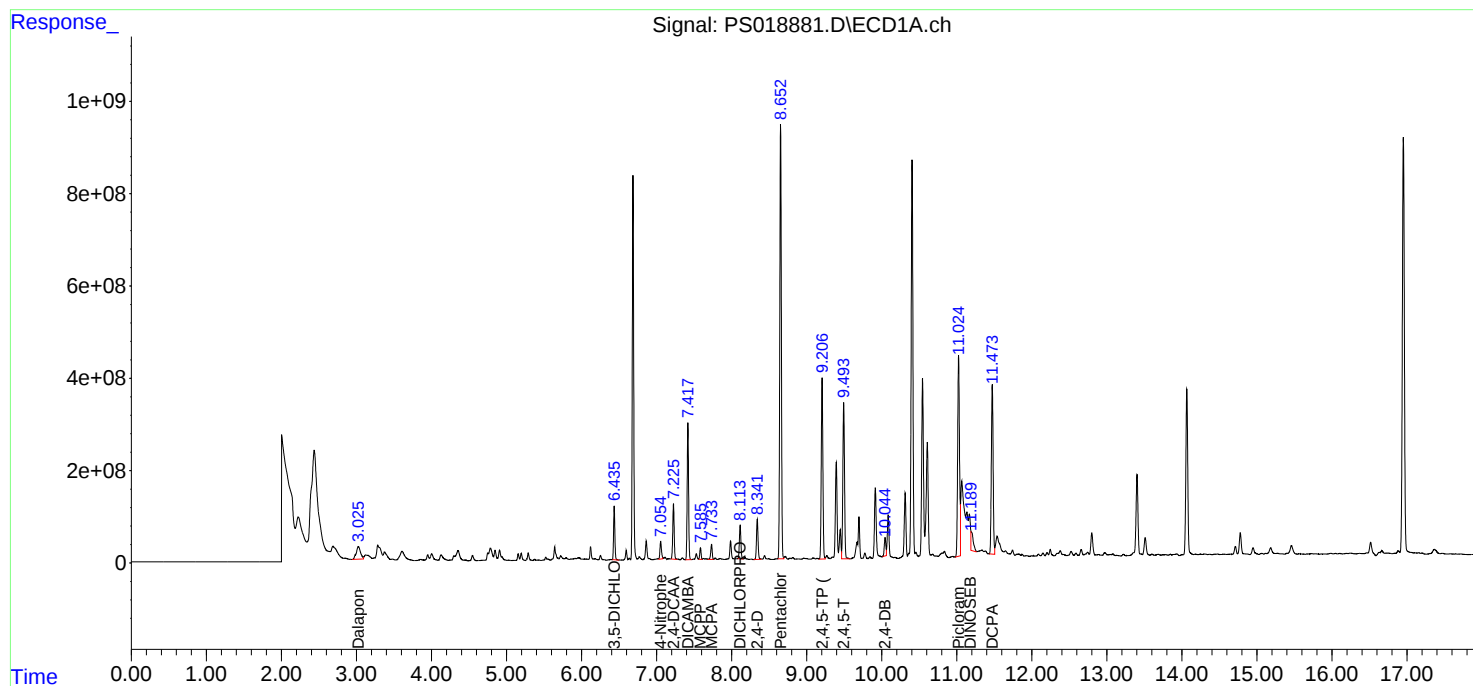
Instrument :  
 ECD\_S  
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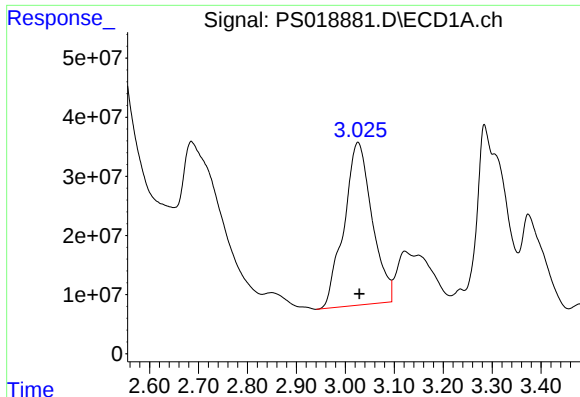
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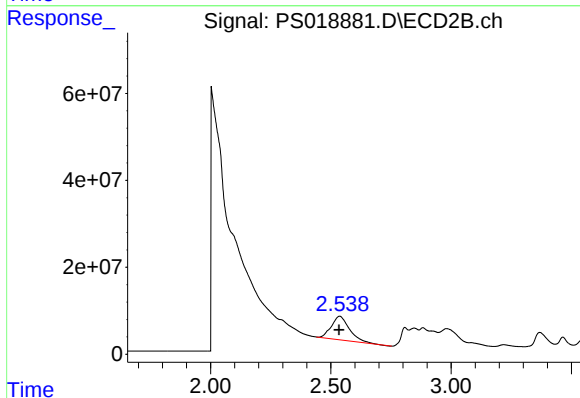
#1 Dalapon

R.T.: 3.026 min  
Delta R.T.: -0.003 min  
Response: 1099102046  
Conc: 240.27 ng/ml

Instrument :  
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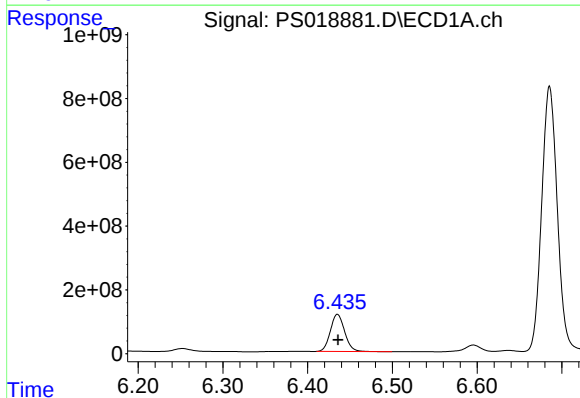
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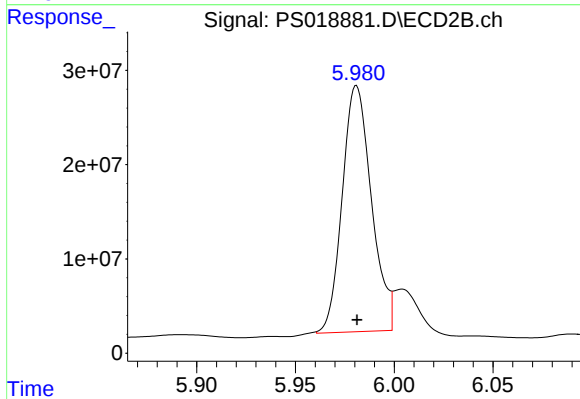
#1 Dalapon

R.T.: 2.538 min  
Delta R.T.: 0.003 min  
Response: 285065338  
Conc: 307.34 ng/ml



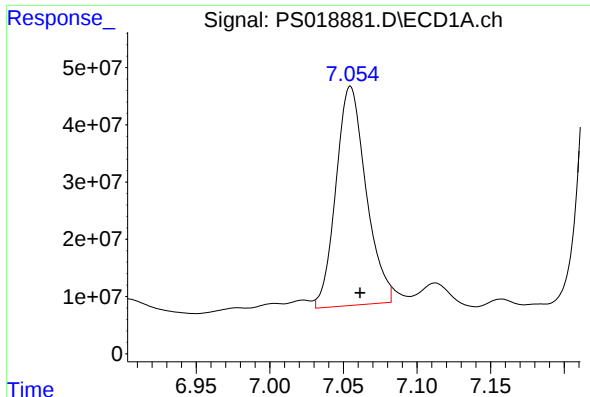
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.435 min  
Delta R.T.: 0.000 min  
Response: 1366005988  
Conc: 340.51 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.980 min  
Delta R.T.: 0.000 min  
Response: 268987526  
Conc: 243.95 ng/ml m



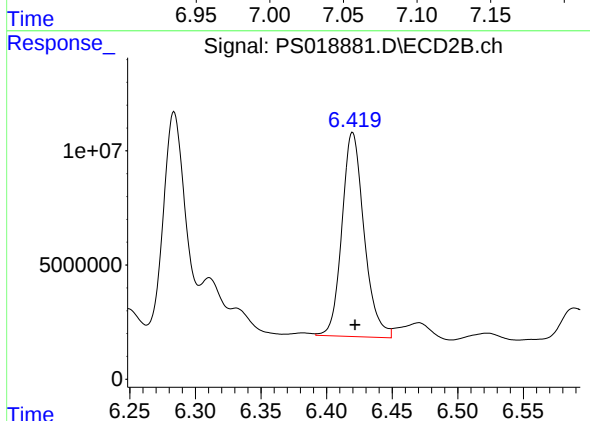
#3 4-Nitrophenol

R.T.: 7.054 min  
Delta R.T.: -0.007 min  
Response: 543633562  
Conc: 476.24 ng/ml

Instrument :  
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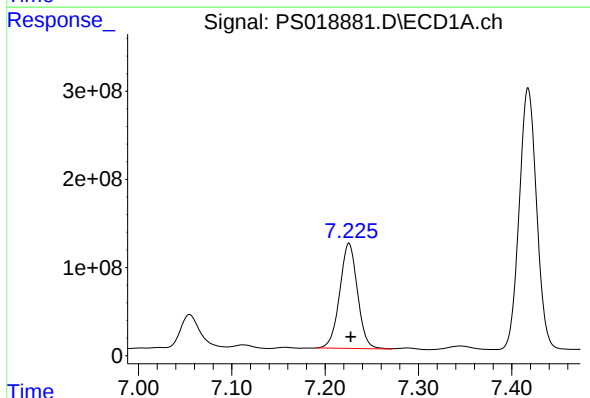
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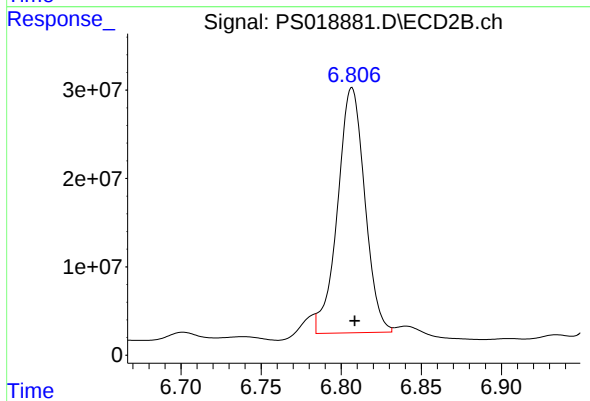
#3 4-Nitrophenol

R.T.: 6.420 min  
Delta R.T.: -0.002 min  
Response: 105217639  
Conc: 247.70 ng/ml



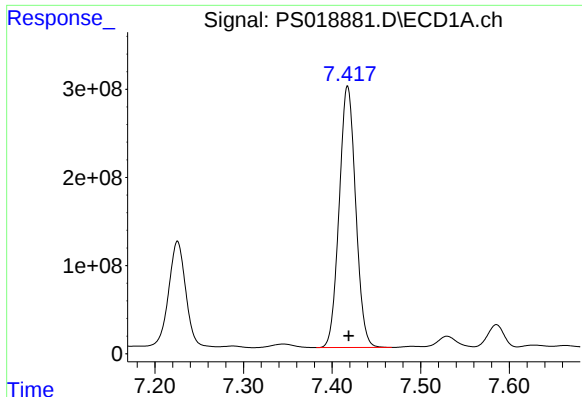
#4 2,4-DCAA

R.T.: 7.226 min  
Delta R.T.: -0.002 min  
Response: 1580006182  
Conc: 541.20 ng/ml



#4 2,4-DCAA

R.T.: 6.806 min  
Delta R.T.: -0.002 min  
Response: 326805924  
Conc: 457.75 ng/ml m



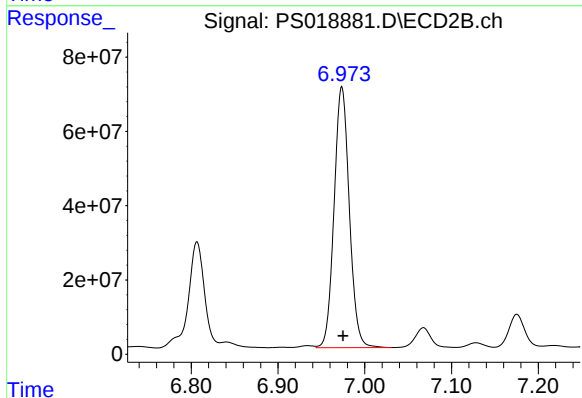
#5 DICAMBA

R.T.: 7.418 min  
Delta R.T.: -0.001 min  
Response: 3833503151  
Conc: 304.90 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TT-156-IDWSO-20220329-1MS

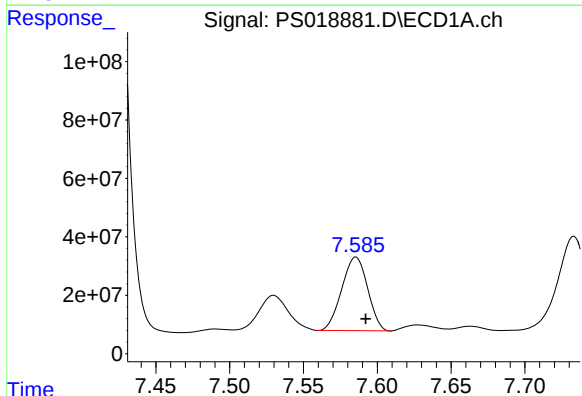
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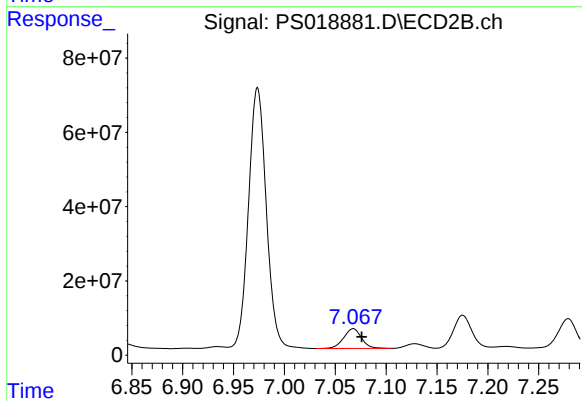
#5 DICAMBA

R.T.: 6.974 min  
Delta R.T.: -0.001 min  
Response: 857869594  
Conc: 269.48 ng/ml



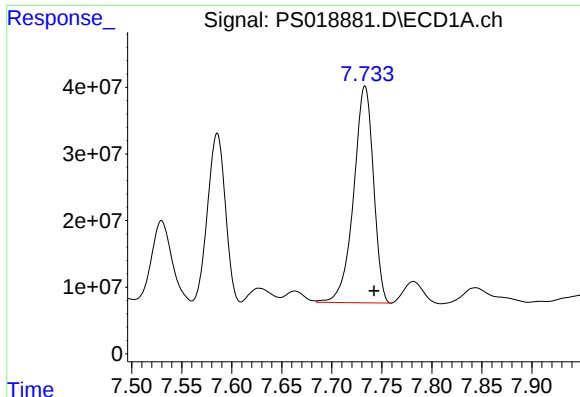
#6 MCPP

R.T.: 7.585 min  
Delta R.T.: -0.007 min  
Response: 306612988  
Conc: 30.05 ug/ml



#6 MCPP

R.T.: 7.068 min  
Delta R.T.: -0.008 min  
Response: 65611128  
Conc: 25.64 ug/ml



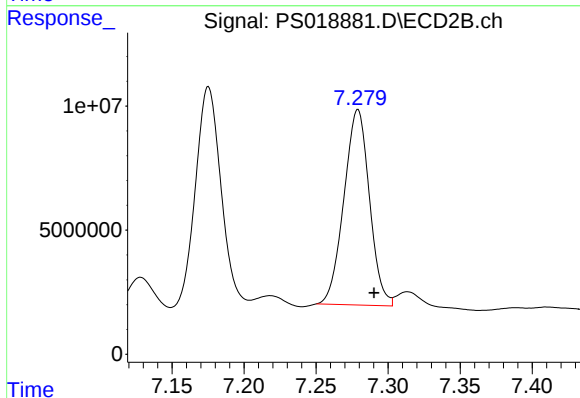
#7 MCPA

R.T.: 7.733 min  
Delta R.T.: -0.009 min  
Response: 447829160  
Conc: 31.46 ug/ml

Instrument :  
ECD\_S  
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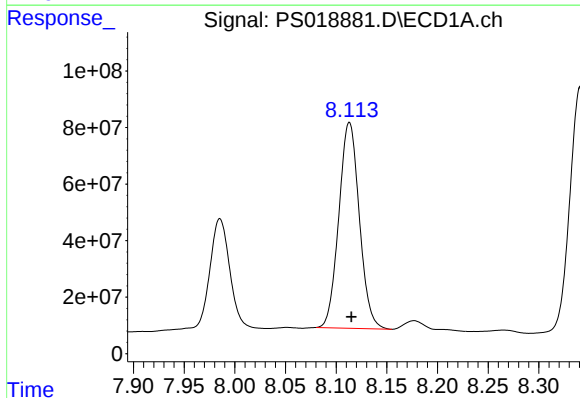
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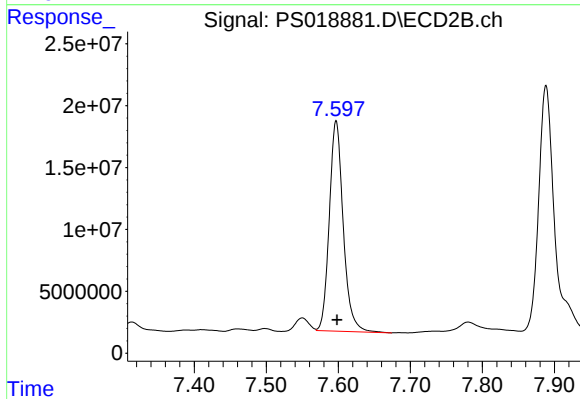
#7 MCPA

R.T.: 7.279 min  
Delta R.T.: -0.011 min  
Response: 97205097  
Conc: 27.13 ug/ml



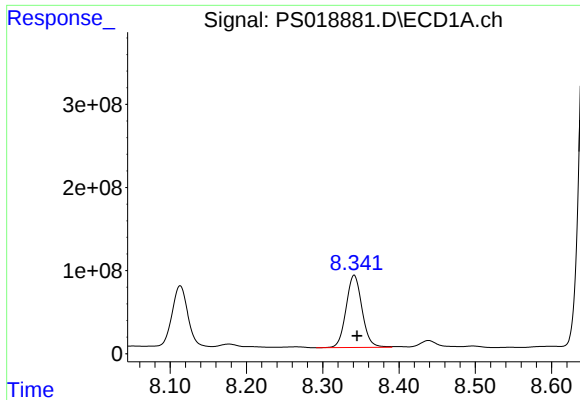
#8 DICHLORPROP

R.T.: 8.113 min  
Delta R.T.: -0.002 min  
Response: 1025352617  
Conc: 307.59 ng/ml



#8 DICHLORPROP

R.T.: 7.597 min  
Delta R.T.: -0.001 min  
Response: 228079251  
Conc: 277.35 ng/ml



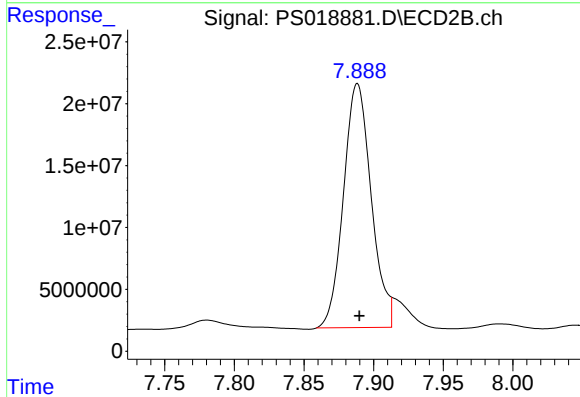
#9 2,4-D

R.T.: 8.341 min  
Delta R.T.: -0.004 min  
Response: 1266600329  
Conc: 316.95 ng/ml

Instrument :  
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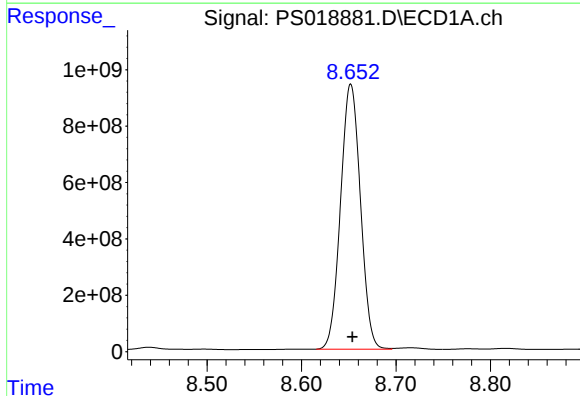
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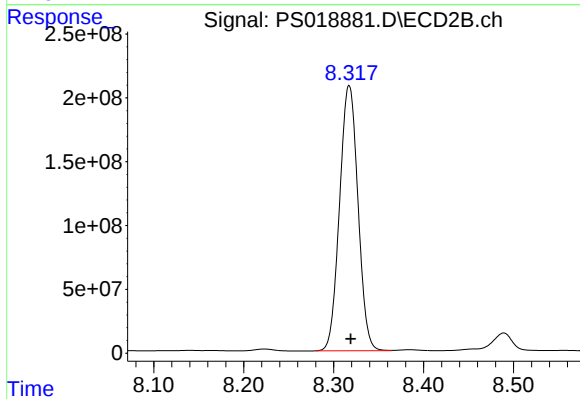
#9 2,4-D

R.T.: 7.888 min  
Delta R.T.: -0.002 min  
Response: 274173146  
Conc: 296.65 ng/ml m



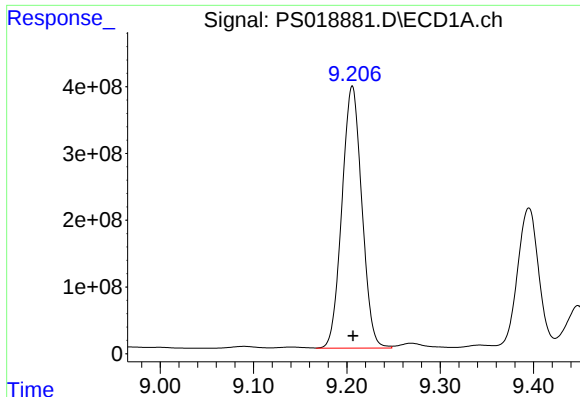
#10 Pentachlorophenol

R.T.: 8.652 min  
Delta R.T.: -0.002 min  
Response: 13754761269  
Conc: 307.43 ng/ml



#10 Pentachlorophenol

R.T.: 8.317 min  
Delta R.T.: -0.002 min  
Response: 2958485772  
Conc: 281.14 ng/ml



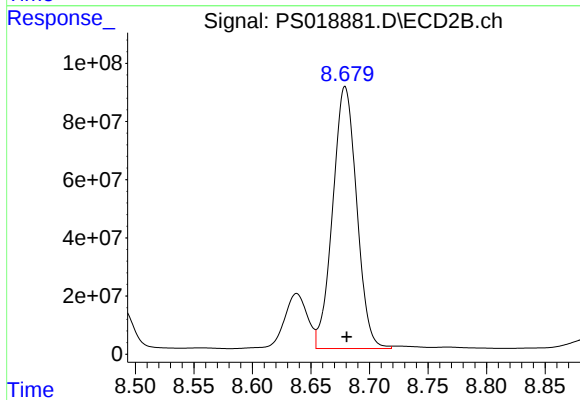
#11 2,4,5-TP (SILVEX)

R.T.: 9.206 min  
Delta R.T.: 0.000 min  
Response: 5819825411  
Conc: 284.43 ng/ml

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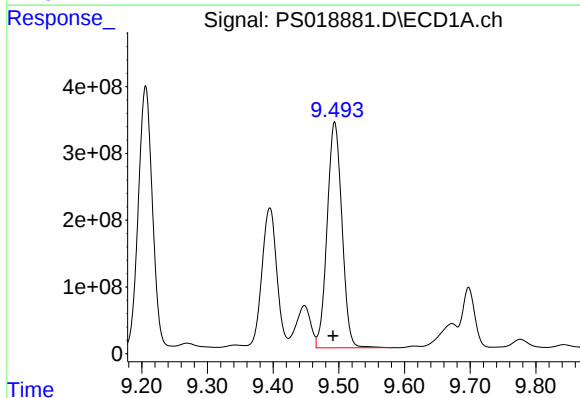
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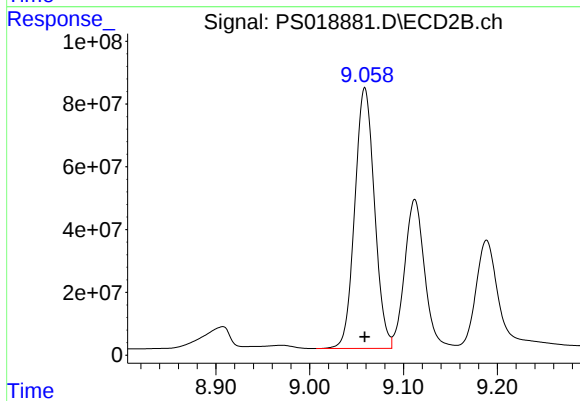
#11 2,4,5-TP (SILVEX)

R.T.: 8.679 min  
Delta R.T.: -0.001 min  
Response: 1283811252  
Conc: 280.84 ng/ml



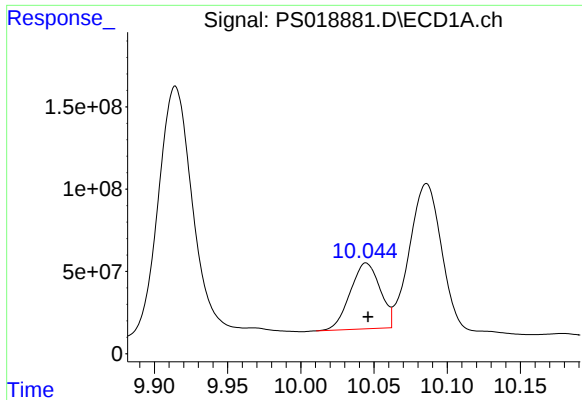
#12 2,4,5-T

R.T.: 9.494 min  
Delta R.T.: 0.002 min  
Response: 5291116303  
Conc: 258.09 ng/ml



#12 2,4,5-T

R.T.: 9.059 min  
Delta R.T.: 0.000 min  
Response: 1213182508  
Conc: 291.33 ng/ml



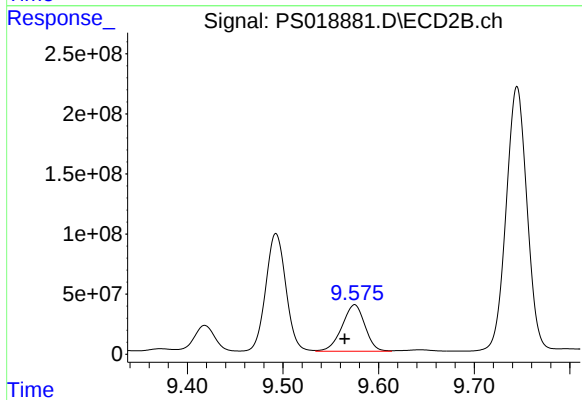
#13 2,4-DB

R.T.: 10.045 min  
Delta R.T.: -0.001 min  
Response: 568467300  
Conc: 167.45 ng/ml

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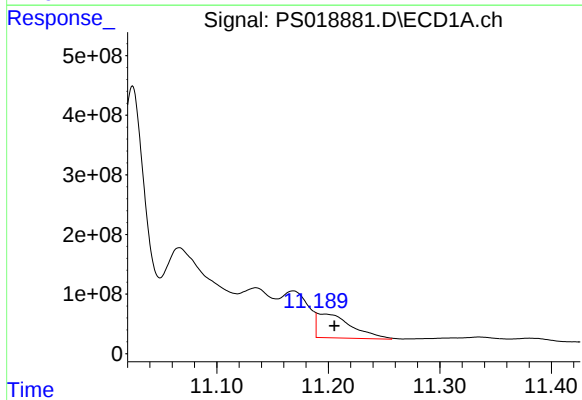
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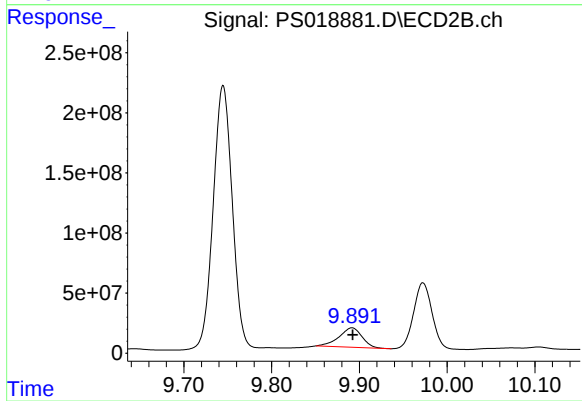
#13 2,4-DB

R.T.: 9.575 min  
Delta R.T.: 0.010 min  
Response: 645451658  
Conc: 1133.22 ng/ml



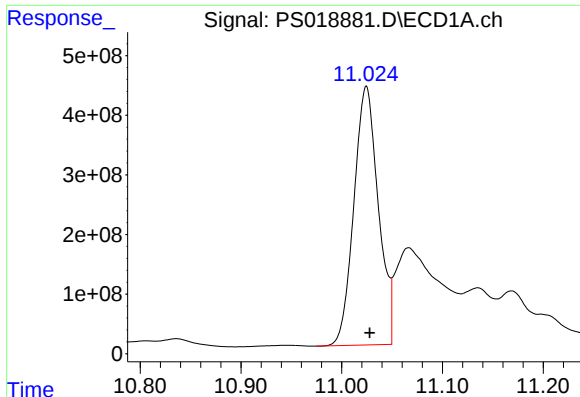
#14 DINOSEB

R.T.: 11.189 min  
Delta R.T.: -0.017 min  
Response: 853454480  
Conc: 52.27 ng/ml m



#14 DINOSEB

R.T.: 9.892 min  
Delta R.T.: 0.000 min  
Response: 293971129  
Conc: 91.16 ng/ml



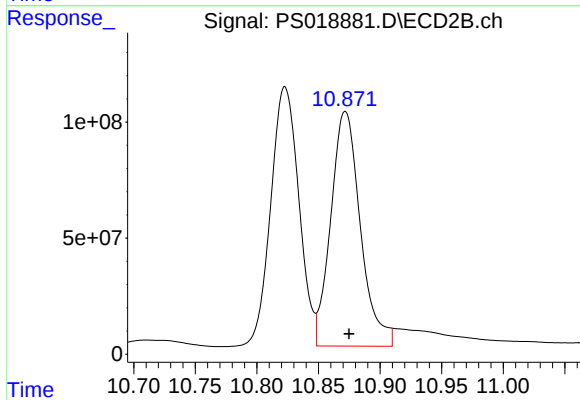
#15 Picloram

R.T.: 11.024 min  
Delta R.T.: -0.003 min  
Response: 7307649979  
Conc: 261.19 ng/ml

Instrument :  
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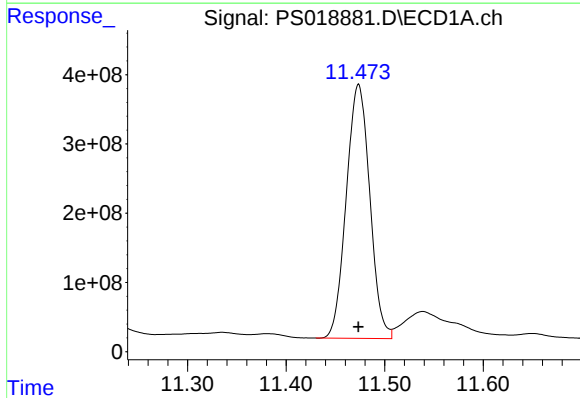
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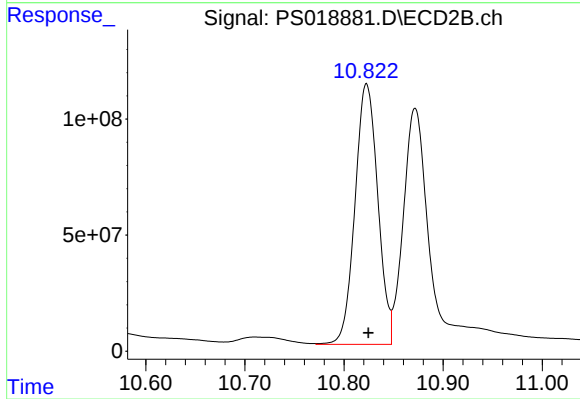
#15 Picloram

R.T.: 10.871 min  
Delta R.T.: -0.004 min  
Response: 1684319617  
Conc: 297.89 ng/ml m



#16 DCPA

R.T.: 11.473 min  
Delta R.T.: 0.000 min  
Response: 6083545701  
Conc: 241.70 ng/ml



#16 DCPA

R.T.: 10.823 min  
Delta R.T.: -0.002 min  
Response: 1795415461  
Conc: 329.40 ng/ml