

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS010324\  
 Data File : PS025442.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2024 18:30  
 Operator : AR\AJ  
 Sample : 06041-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 BU-02-12282023MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/04/2024  
 Supervised By :Ankita Jodhani 01/04/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 03 23:27:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS122823.M  
 Quant Title : 8080.M  
 QLast Update : Thu Dec 28 17:23:18 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     | 6.350  | 6.760  | 965.6E6   | 301.8E6  | 430.896  | 425.243m  |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.465  | 2.520  | 854.6E6   | 417.9E6  | 276.163m | 363.571m# |
| 2) T                        | 3,5-DICHL... | 5.726  | 5.953  | 1033.6E6  | 322.5E6  | 303.910  | 288.367   |
| 3) T                        | 4-Nitroph... | 6.189  | 6.378  | 471.8E6   | 154.5E6  | 304.553  | 311.066m  |
| 5) T                        | DICAMBA      | 6.490  | 6.920  | 2883.1E6  | 808.6E6  | 295.495  | 267.140   |
| 6) T                        | MCPD         | 6.638  | 7.014  | 160.0E6   | 47982056 | 23.780   | 24.038    |
| 7) T                        | MCPA         | 6.760  | 7.219  | 262.6E6   | 94029252 | 27.693   | 29.916    |
| 8) T                        | DICHLORPROP  | 7.077  | 7.533  | 697.2E6   | 233.9E6  | 271.020  | 302.407   |
| 9) T                        | 2,4-D        | 7.276  | 7.816  | 919.6E6   | 307.1E6  | 296.849  | 320.145   |
| 10) T                       | Pentachlo... | 7.502  | 8.236  | 10828.1E6 | 3184.8E6 | 307.182  | 287.278   |
| 11) T                       | 2,4,5-TP ... | 8.024  | 8.594  | 3929.7E6  | 1050.4E6 | 258.573  | 242.946m  |
| 12) T                       | 2,4,5-T      | 8.280  | 8.964  | 3960.4E6  | 1088.5E6 | 264.050m | 255.038   |
| 13) T                       | 2,4-DB       | 8.791  | 9.469  | 442.8E6   | 120.9E6  | 183.647m | 220.441m  |
| 14) T                       | DINOSEB      | 9.835  | 9.794  | 1117.1E6  | 303.8E6  | 97.189   | 95.645    |
| 15) T                       | Picloram     | 9.667  | 10.745 | 4634.1E6  | 1296.2E6 | 221.804  | 190.250   |
| 16) T                       | DCPA         | 10.100 | 10.715 | 7099.5E6  | 1708.7E6 | 373.585  | 319.955   |
| -----                       |              |        |        |           |          |          |           |

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

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Acq On : 03 Jan 2024 18:30  
Operator : AR\AJ  
Sample : 06041-01MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

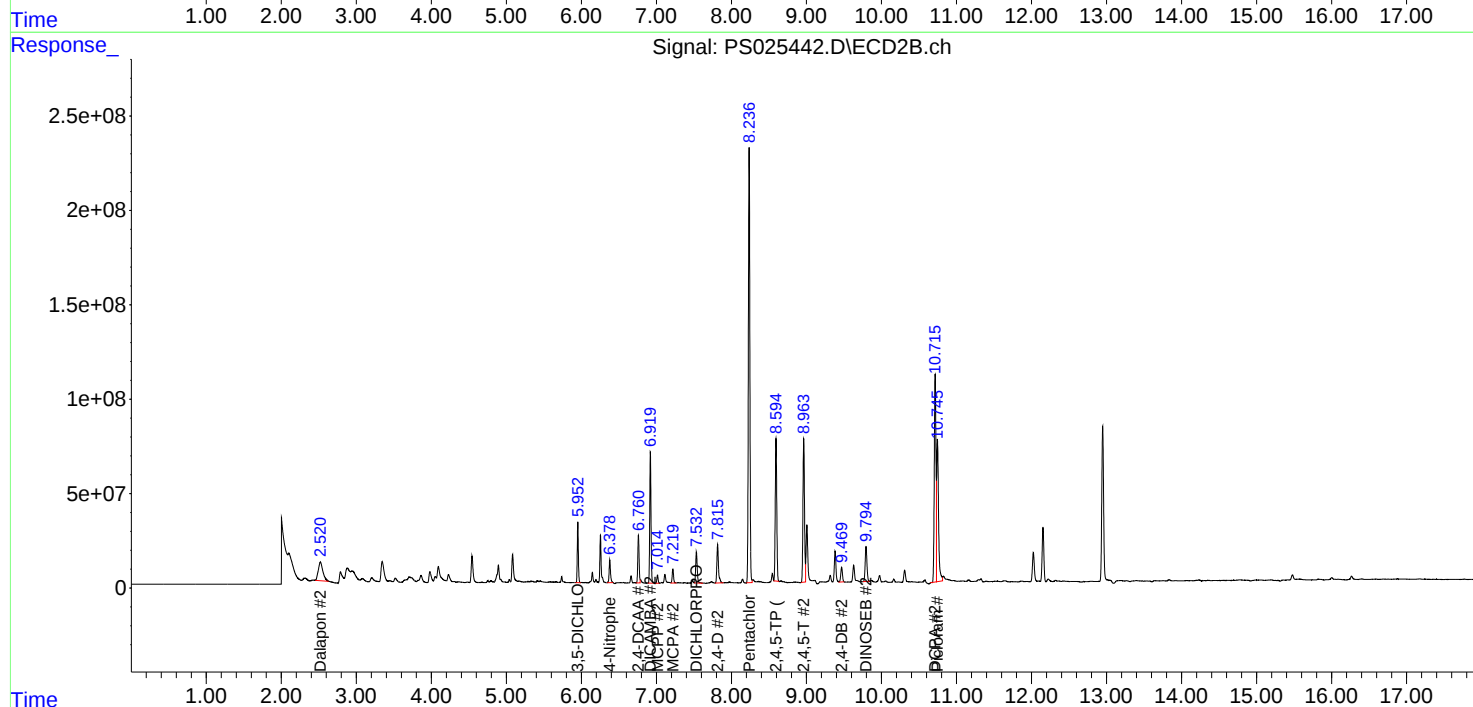
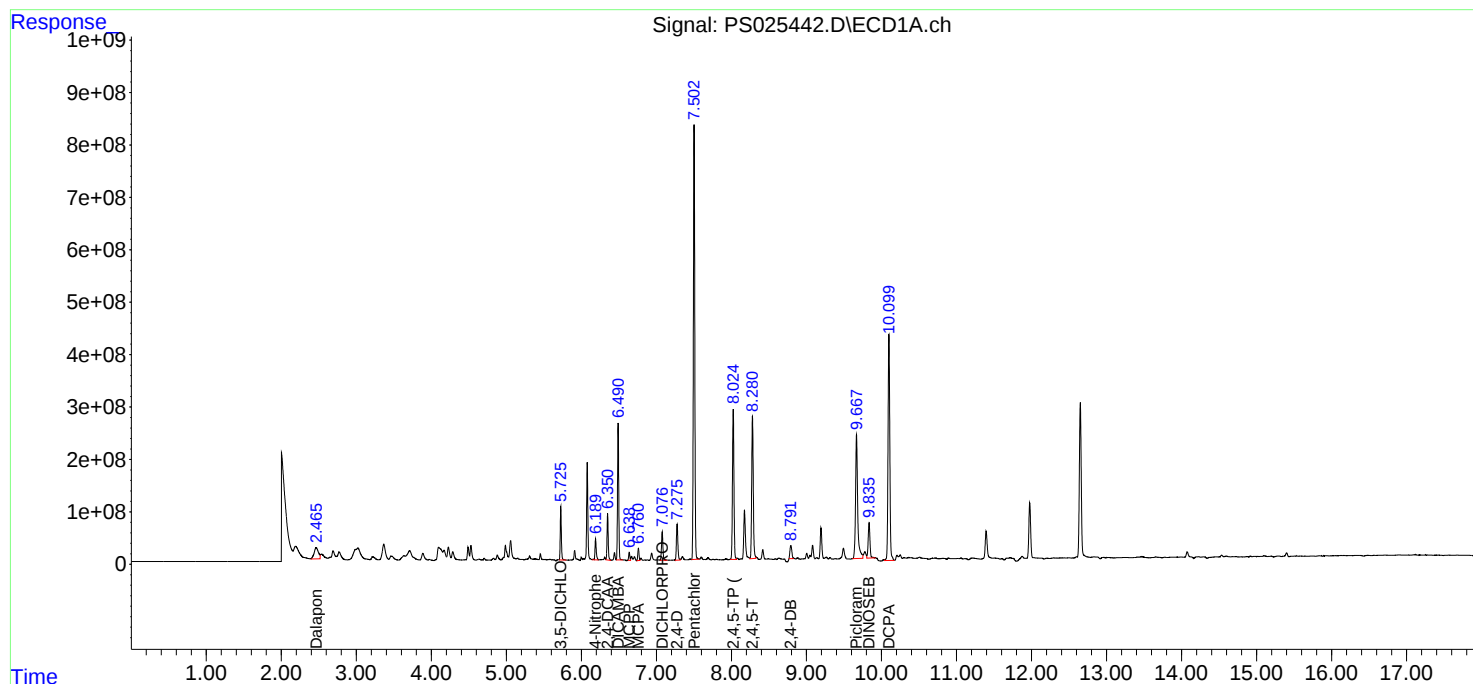
Instrument :  
ECD\_S  
ClientSampleId :  
BU-02-12282023MS

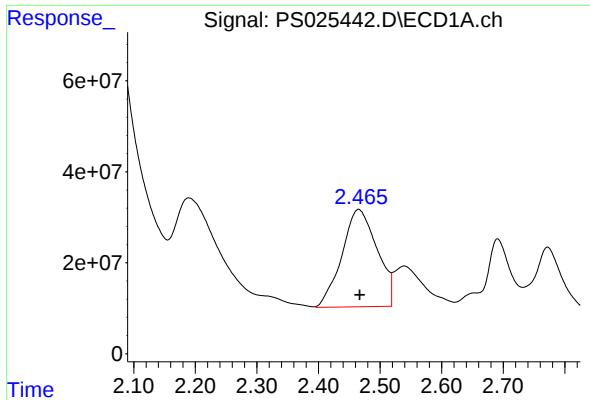
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 03 23:27:06 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS122823.M  
Quant Title : 8080.M  
QLast Update : Thu Dec 28 17:23:18 2023  
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Volume Inj. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





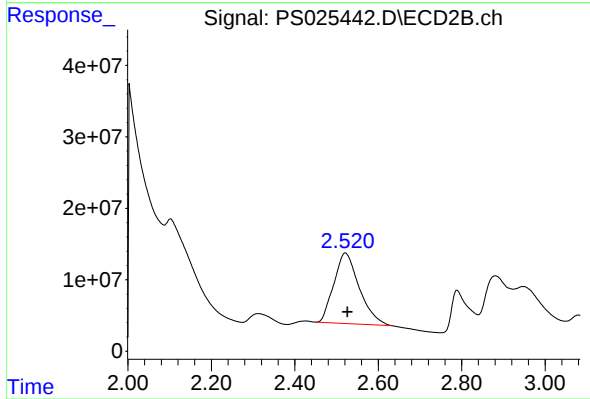
#1 Dalapon

R.T.: 2.465 min  
Delta R.T.: -0.002 min  
Response: 854597738  
Conc: 276.16 ng/ml

Instrument :  
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ClientSampleId :  
BU-02-12282023MS

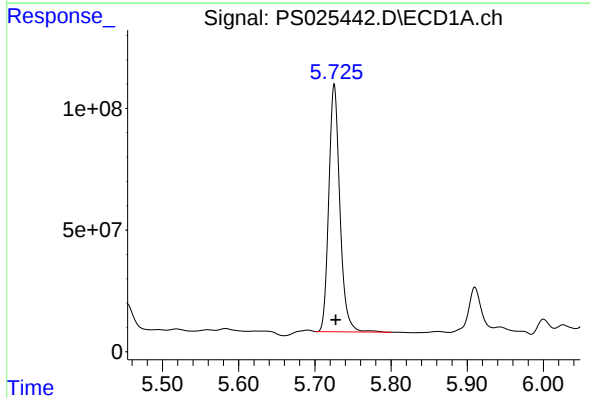
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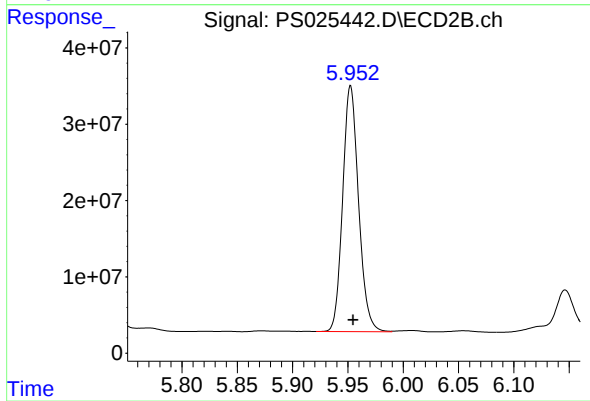
#1 Dalapon

R.T.: 2.520 min  
Delta R.T.: -0.006 min  
Response: 417858836  
Conc: 363.57 ng/ml m



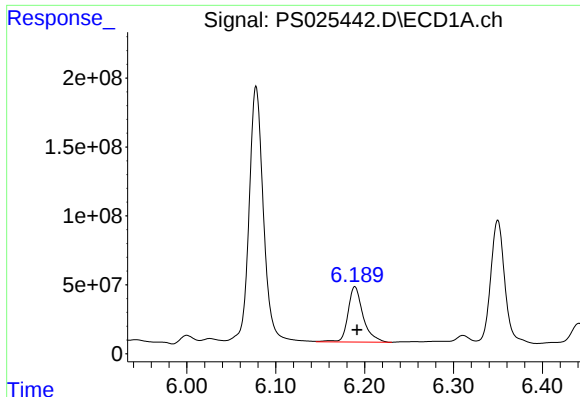
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.726 min  
Delta R.T.: -0.002 min  
Response: 1033598772  
Conc: 303.91 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.953 min  
Delta R.T.: -0.002 min  
Response: 322521214  
Conc: 288.37 ng/ml



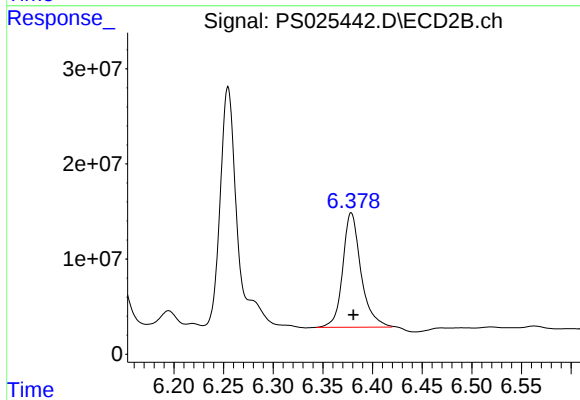
#3 4-Nitrophenol

R.T.: 6.189 min  
Delta R.T.: -0.002 min  
Response: 471791523  
Conc: 304.55 ng/ml

Instrument :  
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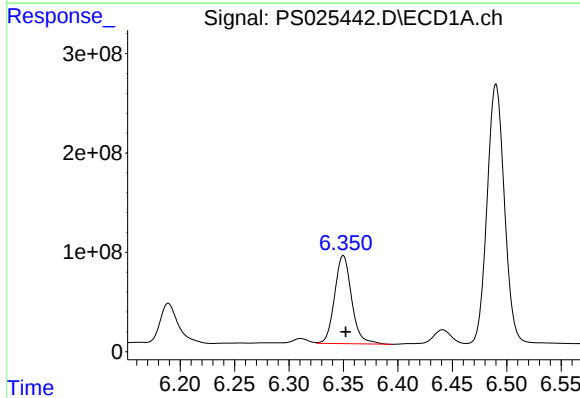
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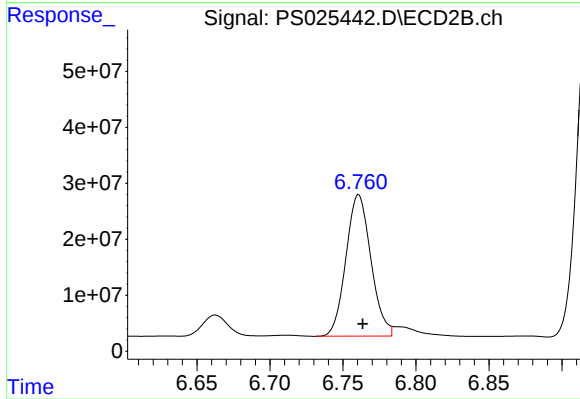
#3 4-Nitrophenol

R.T.: 6.378 min  
Delta R.T.: -0.003 min  
Response: 154516194  
Conc: 311.07 ng/ml m



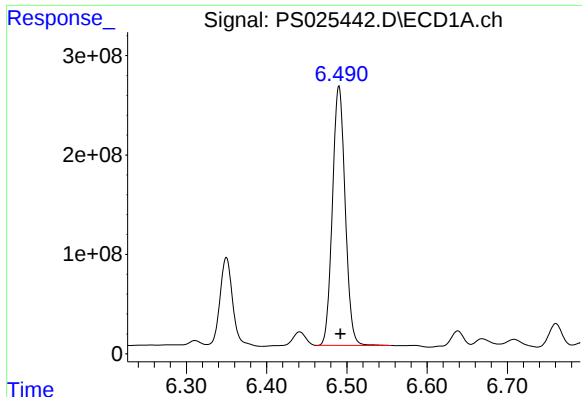
#4 2,4-DCAA

R.T.: 6.350 min  
Delta R.T.: -0.002 min  
Response: 965552508  
Conc: 430.90 ng/ml



#4 2,4-DCAA

R.T.: 6.760 min  
Delta R.T.: -0.003 min  
Response: 301825994  
Conc: 425.24 ng/ml m



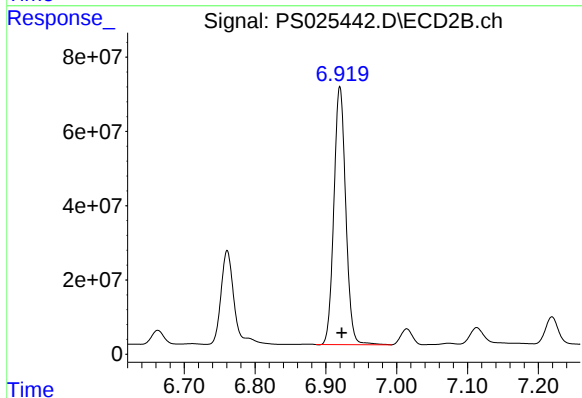
#5 DICAMBA

R.T.: 6.490 min  
Delta R.T.: -0.002 min  
Response: 2883078379  
Conc: 295.50 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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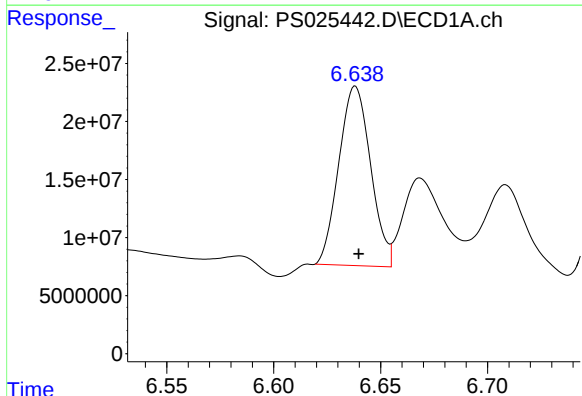
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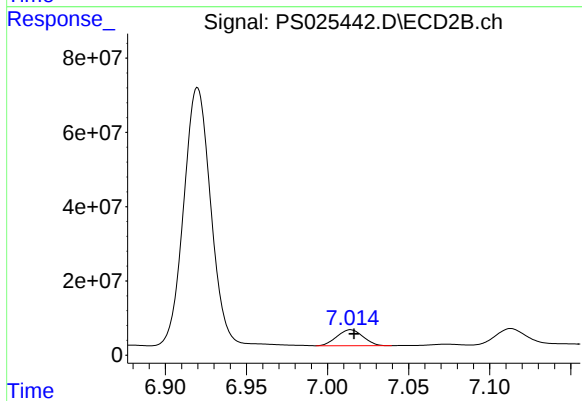
#5 DICAMBA

R.T.: 6.920 min  
Delta R.T.: -0.003 min  
Response: 808592021  
Conc: 267.14 ng/ml



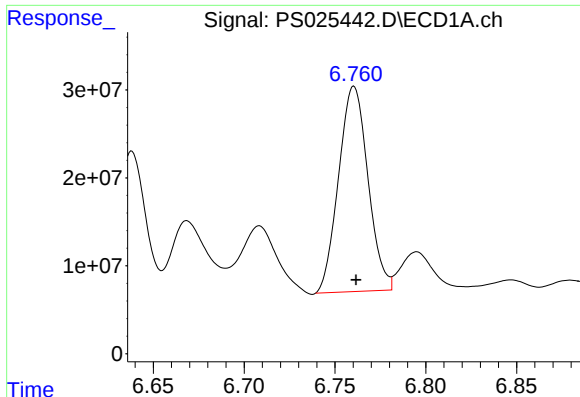
#6 MCP

R.T.: 6.638 min  
Delta R.T.: -0.002 min  
Response: 159988468  
Conc: 23.78 ug/ml



#6 MCP

R.T.: 7.014 min  
Delta R.T.: -0.002 min  
Response: 47982056  
Conc: 24.04 ug/ml



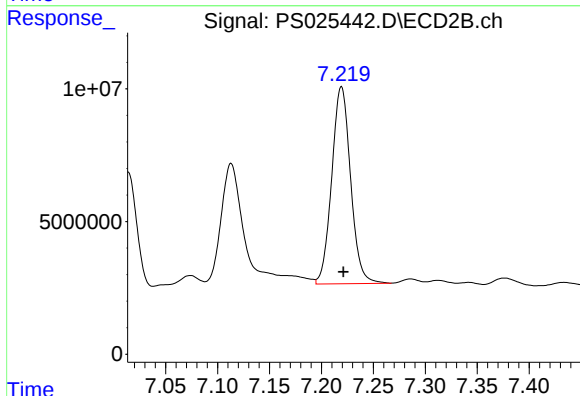
#7 MCPA

R.T.: 6.760 min  
Delta R.T.: -0.001 min  
Response: 262637107  
Conc: 27.69 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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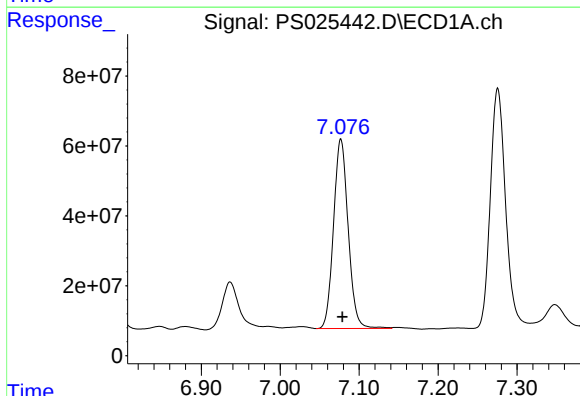
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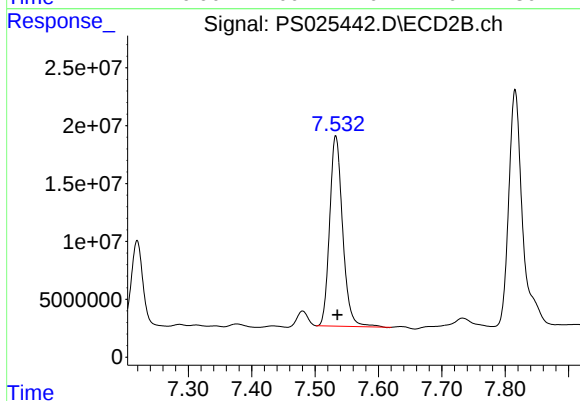
#7 MCPA

R.T.: 7.219 min  
Delta R.T.: -0.002 min  
Response: 94029252  
Conc: 29.92 ug/ml



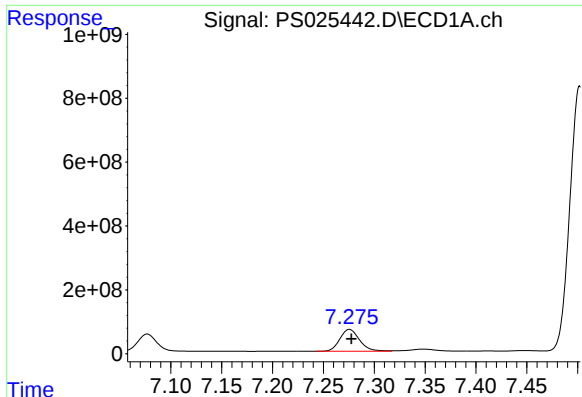
#8 DICHLORPROP

R.T.: 7.077 min  
Delta R.T.: -0.002 min  
Response: 697221365  
Conc: 271.02 ng/ml



#8 DICHLORPROP

R.T.: 7.533 min  
Delta R.T.: -0.002 min  
Response: 233922669  
Conc: 302.41 ng/ml



#9 2,4-D

R.T.: 7.276 min  
Delta R.T.: -0.002 min  
Response: 919607036  
Conc: 296.85 ng/ml

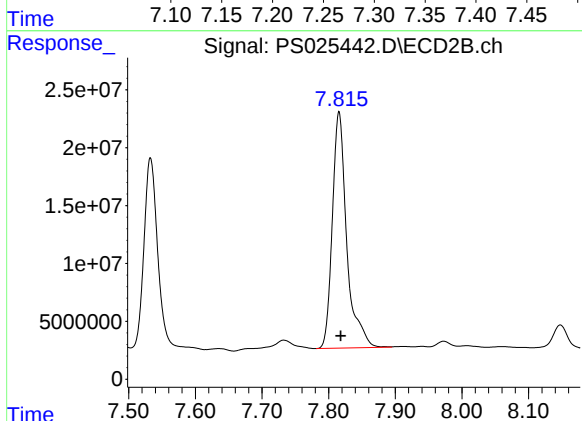
Instrument :

ECD\_S

ClientSampleId :  
BU-02-12282023MS

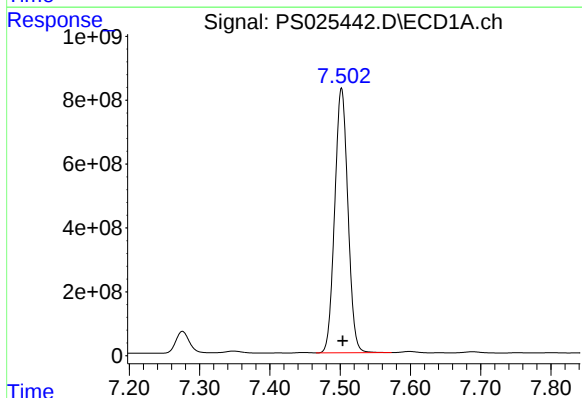
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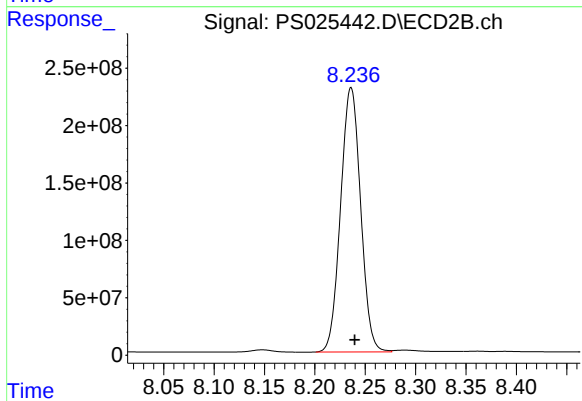
#9 2,4-D

R.T.: 7.816 min  
Delta R.T.: -0.003 min  
Response: 307074660  
Conc: 320.15 ng/ml



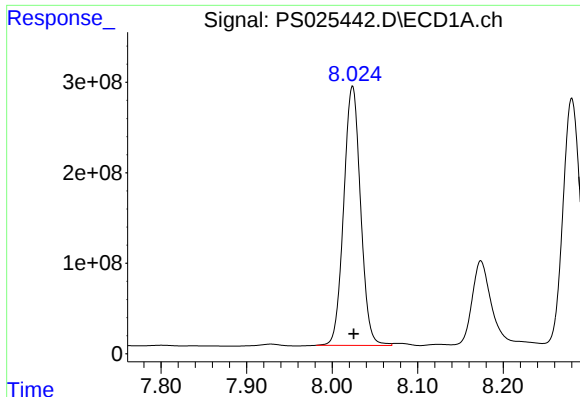
#10 Pentachlorophenol

R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 10828146813  
Conc: 307.18 ng/ml



#10 Pentachlorophenol

R.T.: 8.236 min  
Delta R.T.: -0.004 min  
Response: 3184800315  
Conc: 287.28 ng/ml



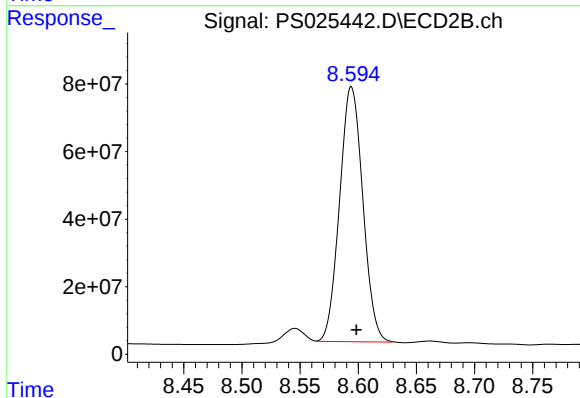
#11 2,4,5-TP (SILVEX)

R.T.: 8.024 min  
Delta R.T.: -0.002 min  
Response: 3929674899  
Conc: 258.57 ng/ml

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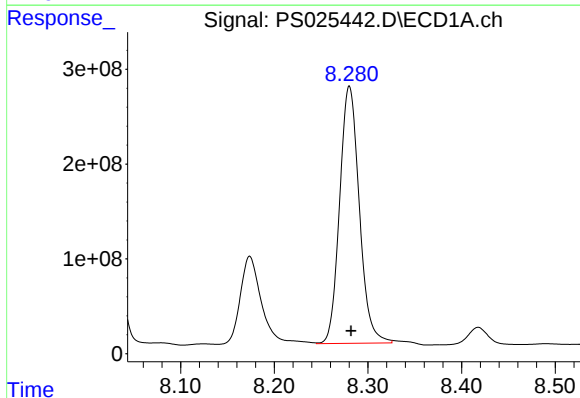
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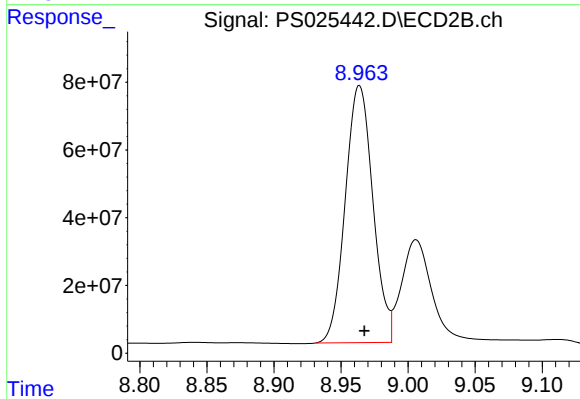
#11 2,4,5-TP (SILVEX)

R.T.: 8.594 min  
Delta R.T.: -0.005 min  
Response: 1050445896  
Conc: 242.95 ng/ml m



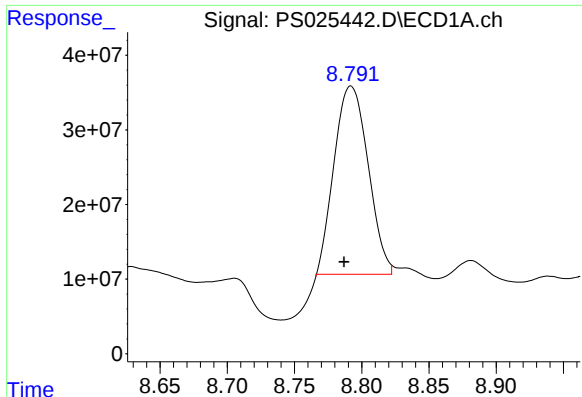
#12 2,4,5-T

R.T.: 8.280 min  
Delta R.T.: -0.002 min  
Response: 3960408851  
Conc: 264.05 ng/ml m



#12 2,4,5-T

R.T.: 8.964 min  
Delta R.T.: -0.004 min  
Response: 1088505439  
Conc: 255.04 ng/ml



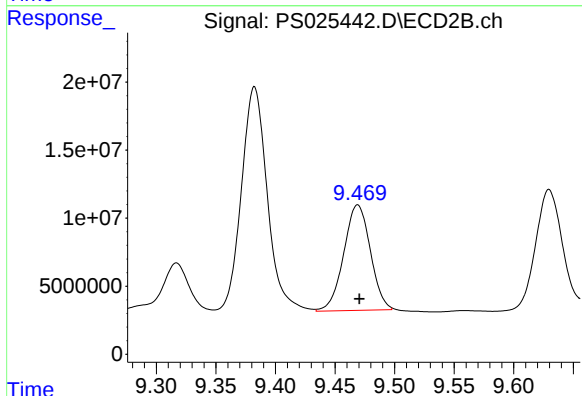
#13 2,4-DB

R.T.: 8.791 min  
Delta R.T.: 0.004 min  
Response: 442837597  
Conc: 183.65 ng/ml

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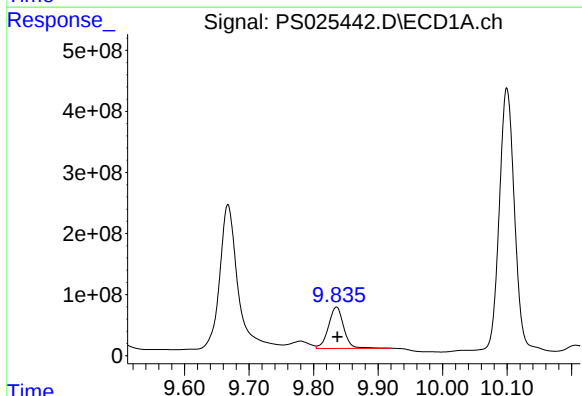
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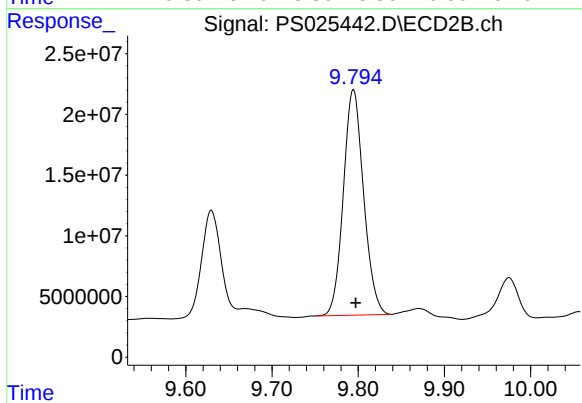
#13 2,4-DB

R.T.: 9.469 min  
Delta R.T.: -0.002 min  
Response: 120925933  
Conc: 220.44 ng/ml m



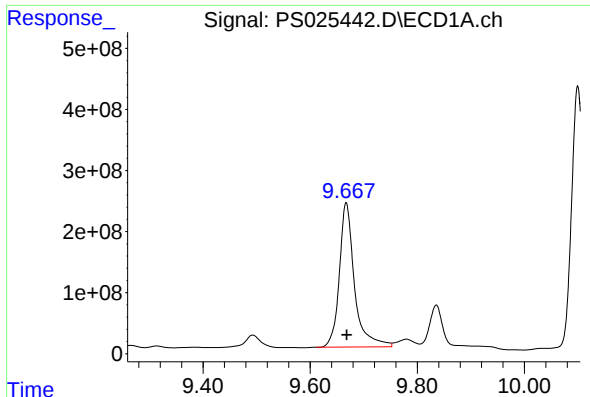
#14 DINOSEB

R.T.: 9.835 min  
Delta R.T.: -0.001 min  
Response: 1117128178  
Conc: 97.19 ng/ml



#14 DINOSEB

R.T.: 9.794 min  
Delta R.T.: -0.003 min  
Response: 303767236  
Conc: 95.64 ng/ml



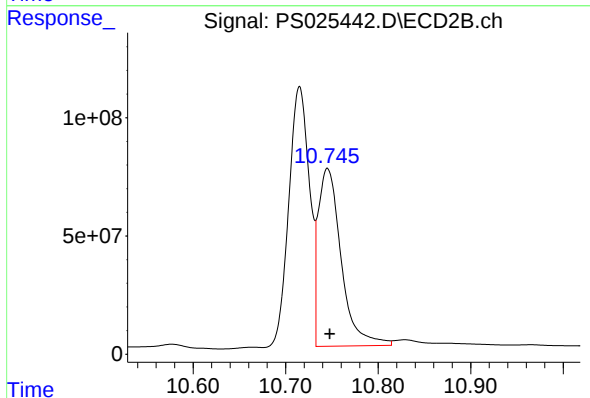
#15 Picloram

R.T.: 9.667 min  
Delta R.T.: -0.001 min  
Response: 4634094702  
Conc: 221.80 ng/ml

Instrument :  
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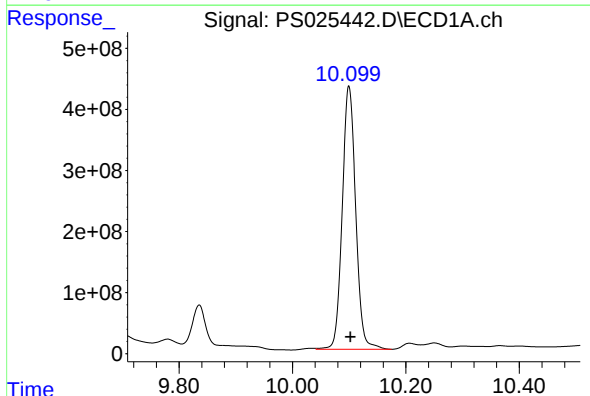
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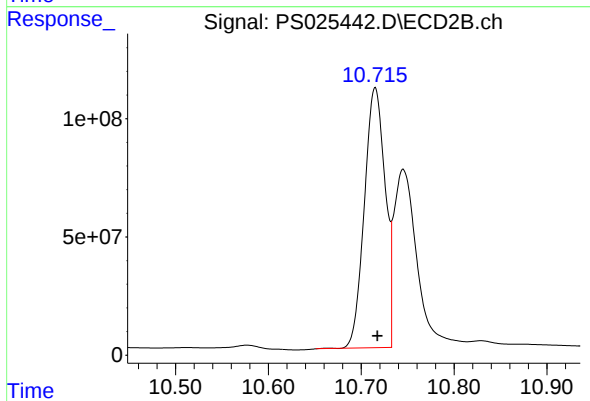
#15 Picloram

R.T.: 10.745 min  
Delta R.T.: -0.002 min  
Response: 1296247422  
Conc: 190.25 ng/ml



#16 DCPA

R.T.: 10.100 min  
Delta R.T.: -0.003 min  
Response: 7099498943  
Conc: 373.58 ng/ml



#16 DCPA

R.T.: 10.715 min  
Delta R.T.: -0.002 min  
Response: 1708656777  
Conc: 319.96 ng/ml