

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS032122\  
 Data File : PS018653.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Mar 2022 19:56  
 Operator : AJ\MA  
 Sample : PB143453BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB143453BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/22/2022  
 Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 22 01:39:13 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS031422.M  
 Quant Title : 8080.M  
 QLast Update : Mon Mar 14 11:41:05 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     | 7.230  | 6.810  | 1730.1E6  | 430.0E6  | 607.911 | 611.077  |
| Target Compounds            |              |        |        |           |          |         |          |
| 1) T                        | Dalapon      | 3.029  | 2.535  | 1797.5E6  | 385.3E6  | 462.255 | 466.155  |
| 2) T                        | 3,5-DICHL... | 6.439  | 5.983  | 2251.0E6  | 601.7E6  | 584.143 | 575.148  |
| 3) T                        | 4-Nitroph... | 7.058  | 6.421  | 874.0E6   | 227.7E6  | 507.195 | 560.416  |
| 5) T                        | DICAMBA      | 7.424  | 6.978  | 6340.0E6  | 1747.2E6 | 581.296 | 586.591  |
| 6) T                        | MCP          | 7.594  | 7.075  | 482.1E6   | 139.2E6  | 56.799  | 56.868   |
| 7) T                        | MCPA         | 7.744  | 7.288  | 686.8E6   | 197.6E6  | 56.783  | 56.573   |
| 8) T                        | DICHLORPROP  | 8.119  | 7.600  | 1594.9E6  | 478.4E6  | 579.037 | 604.332m |
| 9) T                        | 2,4-D        | 8.346  | 7.891  | 1953.7E6  | 541.6E6  | 583.093 | 578.593  |
| 10) T                       | Pentachlo... | 8.659  | 8.323  | 22320.8E6 | 5966.7E6 | 616.552 | 607.583  |
| 11) T                       | 2,4,5-TP ... | 9.212  | 8.684  | 9206.9E6  | 2632.8E6 | 605.391 | 603.572  |
| 12) T                       | 2,4,5-T      | 9.495  | 9.061  | 9162.7E6  | 2500.0E6 | 613.351 | 603.550  |
| 13) T                       | 2,4-DB       | 10.048 | 9.567  | 1717.5E6  | 337.3E6  | 627.875 | 594.151  |
| 14) T                       | DINOSEB      | 11.213 | 9.896  | 6608.1E6  | 1800.5E6 | 617.973 | 587.660  |
| 15) T                       | Picloram     | 11.027 | 10.874 | 12398.3E6 | 3010.1E6 | 603.155 | 566.228  |
| 16) T                       | DCPA         | 11.481 | 10.830 | 11548.6E6 | 3236.9E6 | 645.506 | 615.462  |
| -----                       |              |        |        |           |          |         |          |

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

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 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

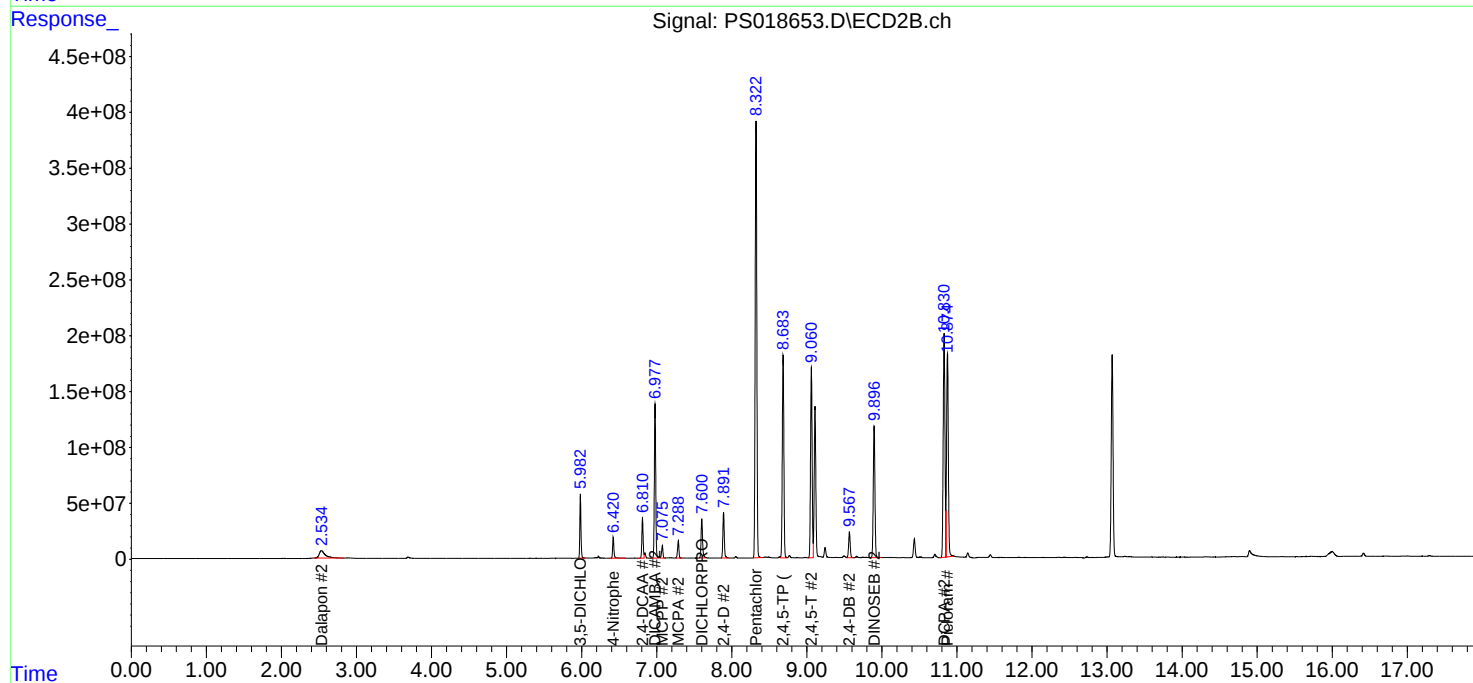
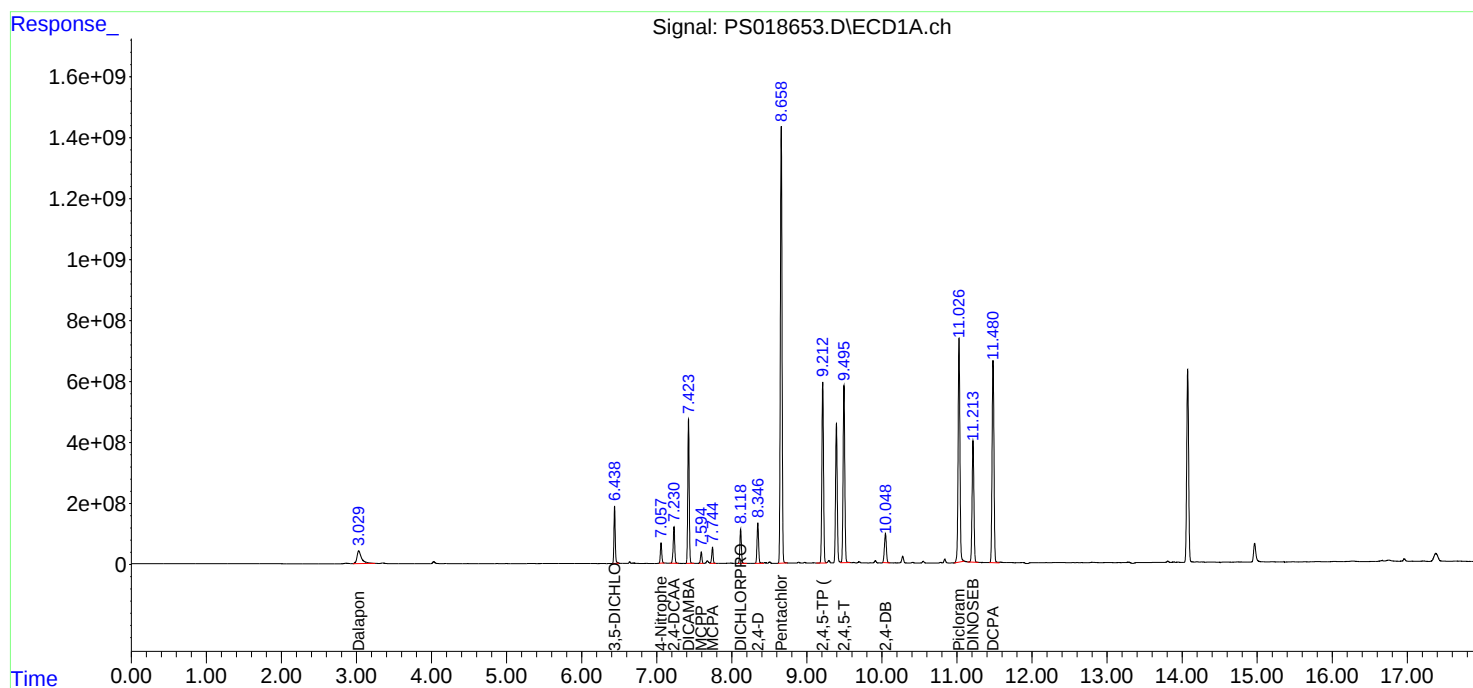
Instrument :  
 ECD\_S  
 ClientSampleId :  
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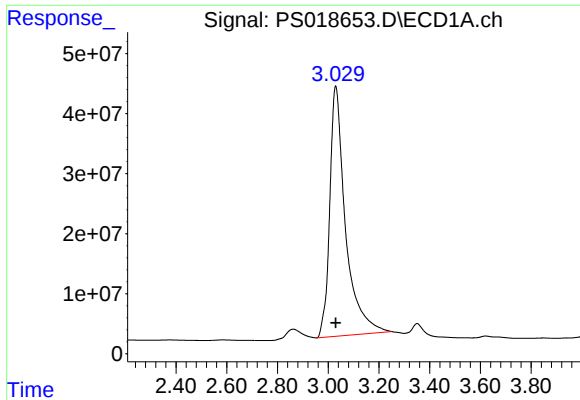
### Manual Integrations APPROVED

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Integration File signal 1: autoint1.e  
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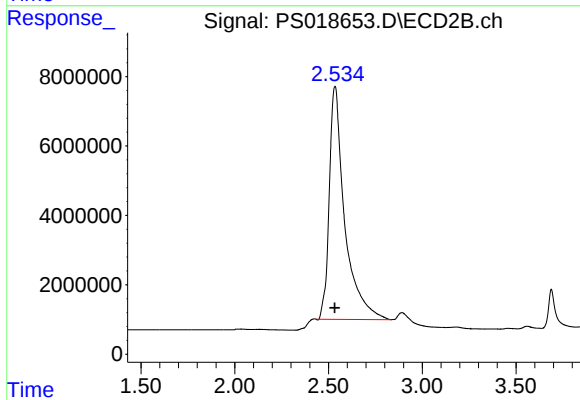
#1 Dalapon

R.T.: 3.029 min  
Delta R.T.: 0.000 min  
Response: 1797476732  
Conc: 462.26 ng/ml

Instrument :  
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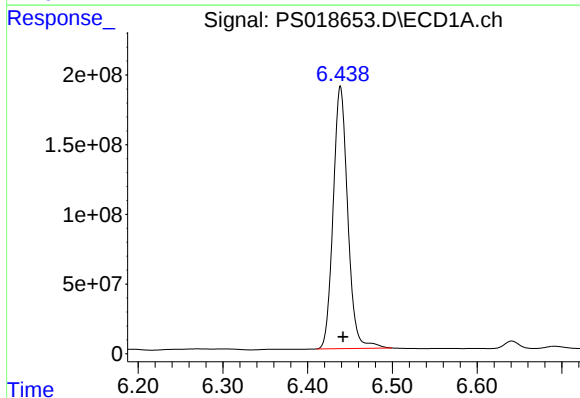
Manual Integrations  
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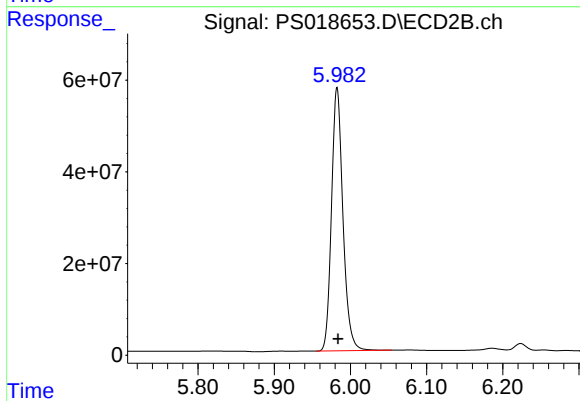
#1 Dalapon

R.T.: 2.535 min  
Delta R.T.: 0.002 min  
Response: 385261214  
Conc: 466.15 ng/ml



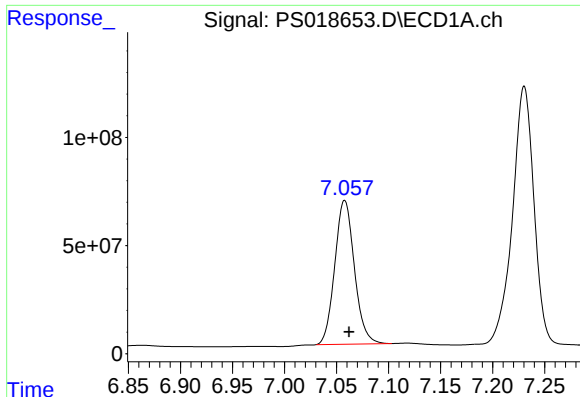
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.439 min  
Delta R.T.: -0.003 min  
Response: 2251028342  
Conc: 584.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.983 min  
Delta R.T.: -0.001 min  
Response: 601670963  
Conc: 575.15 ng/ml



#3 4-Nitrophenol

R.T.: 7.058 min  
Delta R.T.: -0.004 min  
Response: 873955321  
Conc: 507.20 ng/ml

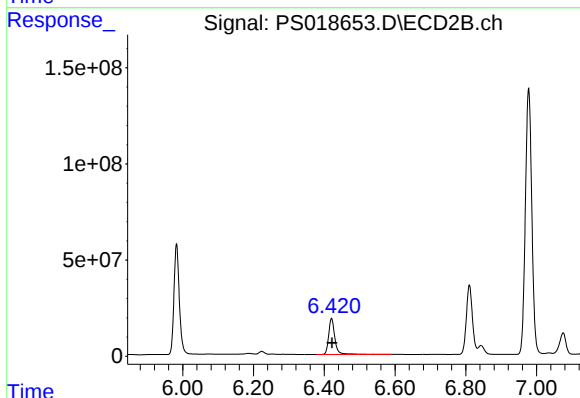
Instrument :

ECD\_S

ClientSampleId :  
PB143453BS

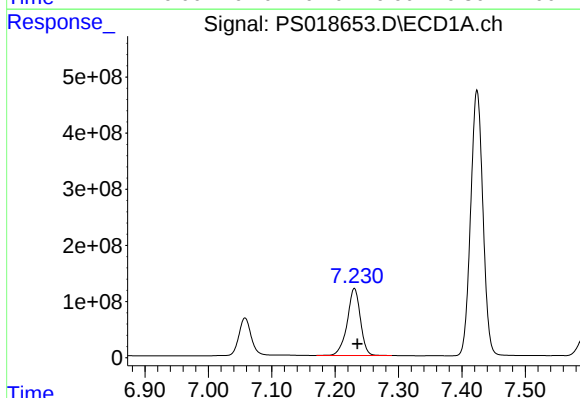
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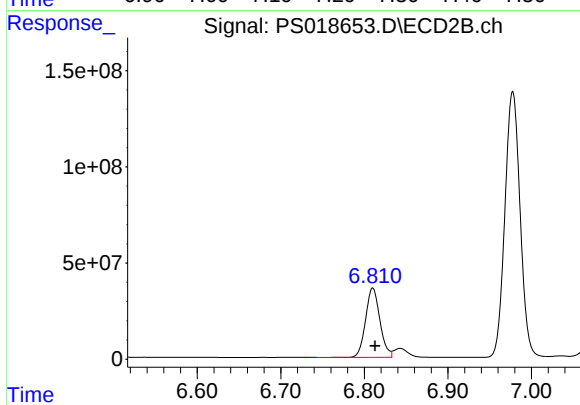
#3 4-Nitrophenol

R.T.: 6.421 min  
Delta R.T.: -0.001 min  
Response: 227682962  
Conc: 560.42 ng/ml



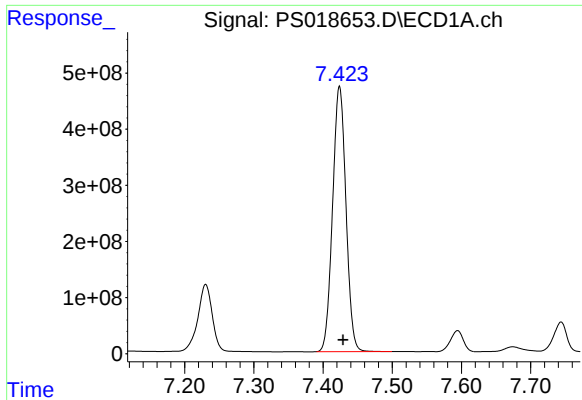
#4 2,4-DCAA

R.T.: 7.230 min  
Delta R.T.: -0.005 min  
Response: 1730063814  
Conc: 607.91 ng/ml



#4 2,4-DCAA

R.T.: 6.810 min  
Delta R.T.: -0.003 min  
Response: 429987185  
Conc: 611.08 ng/ml



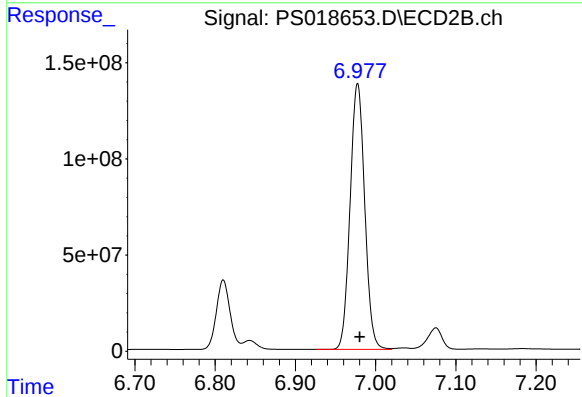
#5 DICAMBA

R.T.: 7.424 min  
Delta R.T.: -0.005 min  
Response: 6340033784  
Conc: 581.30 ng/ml

Instrument :  
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PB143453BS

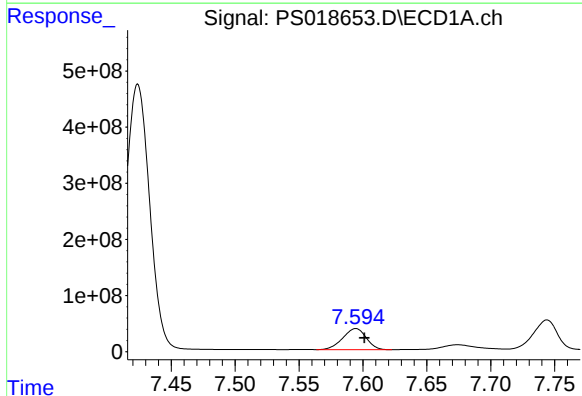
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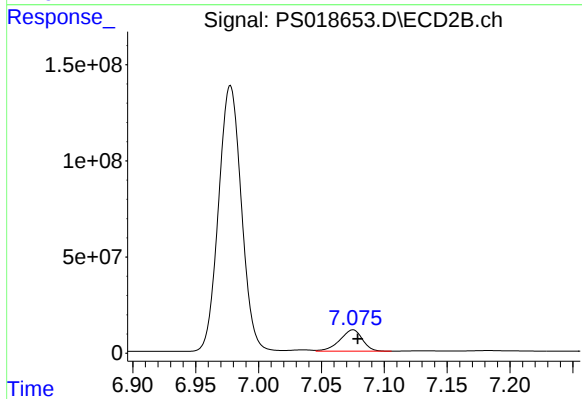
#5 DICAMBA

R.T.: 6.978 min  
Delta R.T.: -0.002 min  
Response: 1747191942  
Conc: 586.59 ng/ml



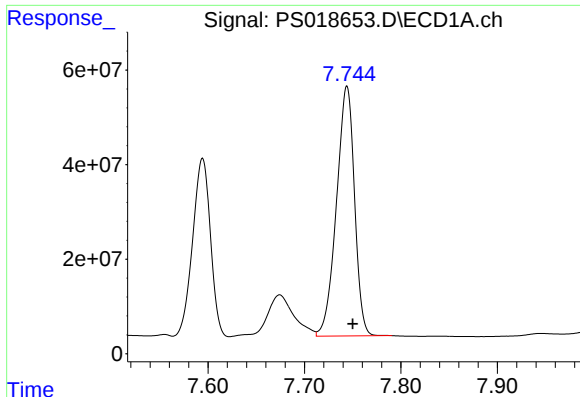
#6 MCP

R.T.: 7.594 min  
Delta R.T.: -0.007 min  
Response: 482139395  
Conc: 56.80 ug/ml



#6 MCP

R.T.: 7.075 min  
Delta R.T.: -0.004 min  
Response: 139217573  
Conc: 56.87 ug/ml



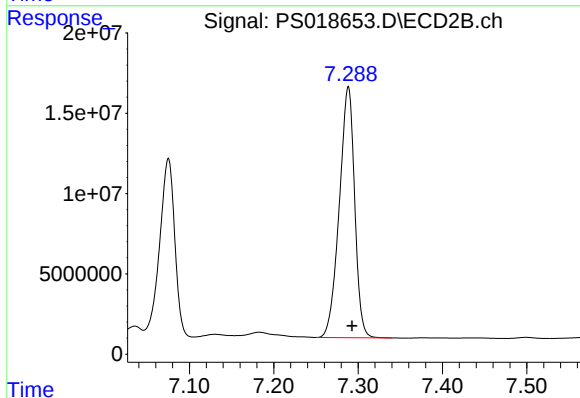
#7 MCPA

R.T.: 7.744 min  
Delta R.T.: -0.006 min  
Response: 686751160  
Conc: 56.78 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB143453BS

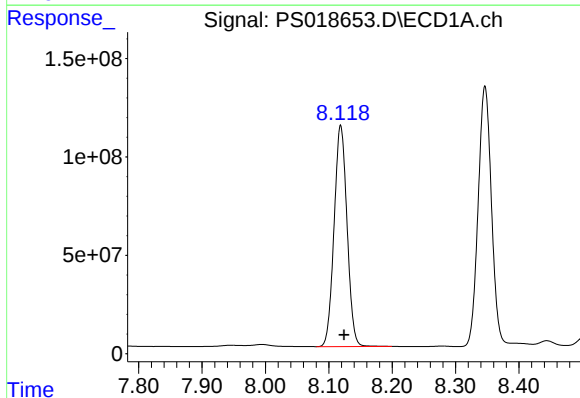
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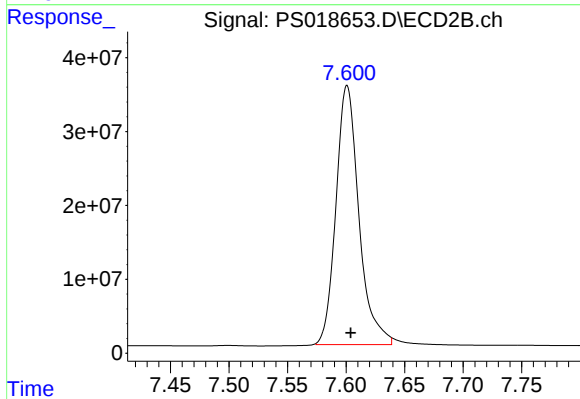
#7 MCPA

R.T.: 7.288 min  
Delta R.T.: -0.005 min  
Response: 197558850  
Conc: 56.57 ug/ml



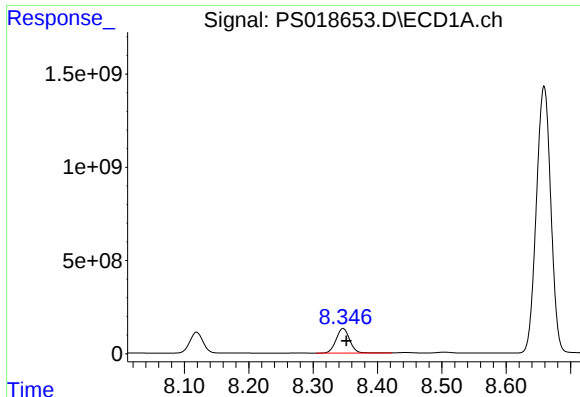
#8 DICHLORPROP

R.T.: 8.119 min  
Delta R.T.: -0.005 min  
Response: 1594894718  
Conc: 579.04 ng/ml



#8 DICHLORPROP

R.T.: 7.600 min  
Delta R.T.: -0.004 min  
Response: 478396736  
Conc: 604.33 ng/ml m



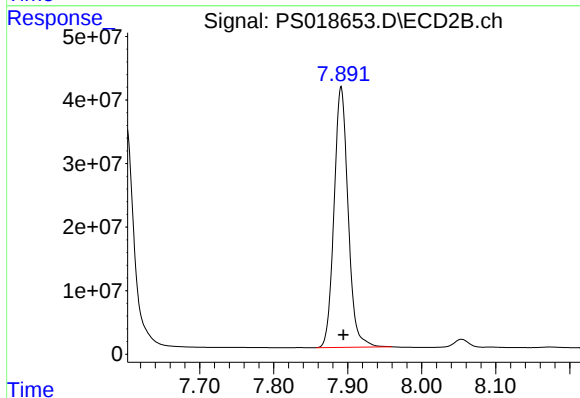
#9 2,4-D

R.T.: 8.346 min  
Delta R.T.: -0.006 min  
Response: 1953729456  
Conc: 583.09 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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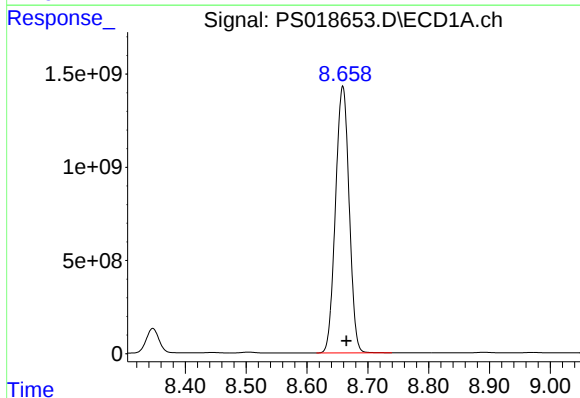
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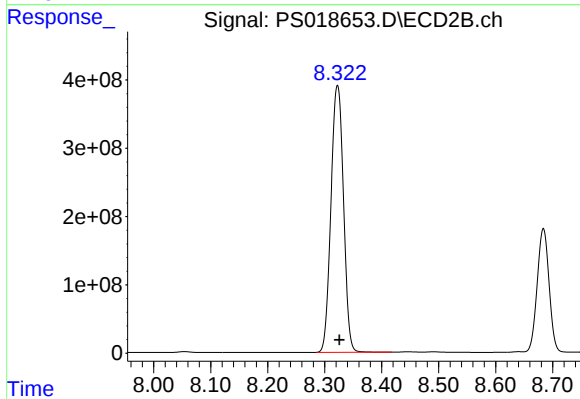
#9 2,4-D

R.T.: 7.891 min  
Delta R.T.: -0.003 min  
Response: 541571942  
Conc: 578.59 ng/ml



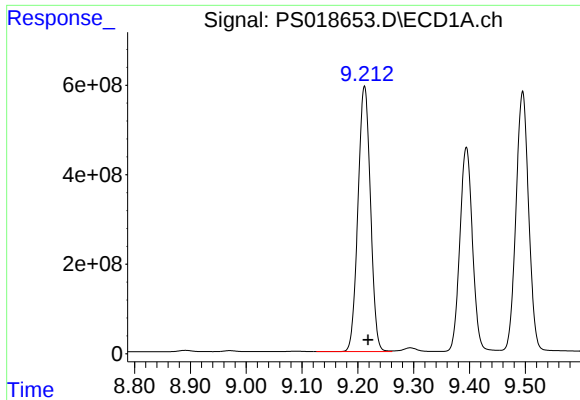
#10 Pentachlorophenol

R.T.: 8.659 min  
Delta R.T.: -0.006 min  
Response: 22320797333  
Conc: 616.55 ng/ml



#10 Pentachlorophenol

R.T.: 8.323 min  
Delta R.T.: -0.003 min  
Response: 5966650292  
Conc: 607.58 ng/ml



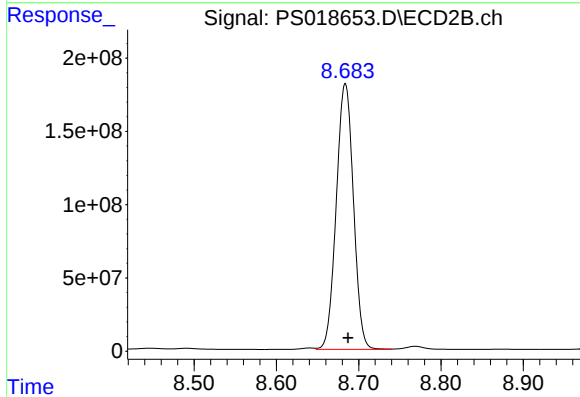
#11 2,4,5-TP (SILVEX)

R.T.: 9.212 min  
Delta R.T.: -0.006 min  
Response: 9206902803  
Conc: 605.39 ng/ml

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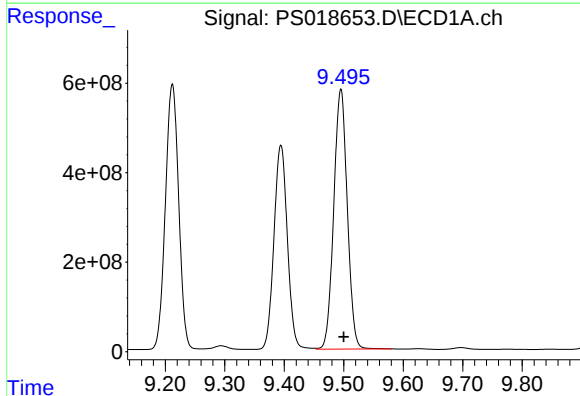
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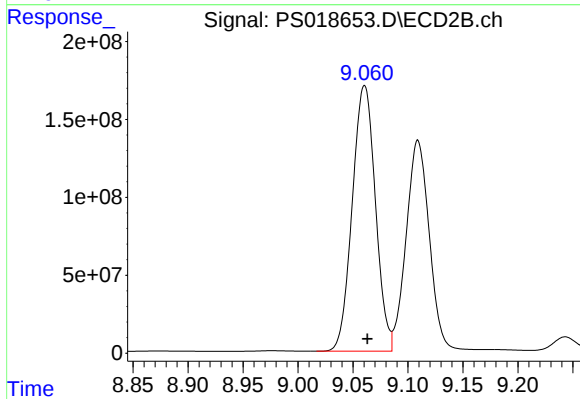
#11 2,4,5-TP (SILVEX)

R.T.: 8.684 min  
Delta R.T.: -0.003 min  
Response: 2632778669  
Conc: 603.57 ng/ml



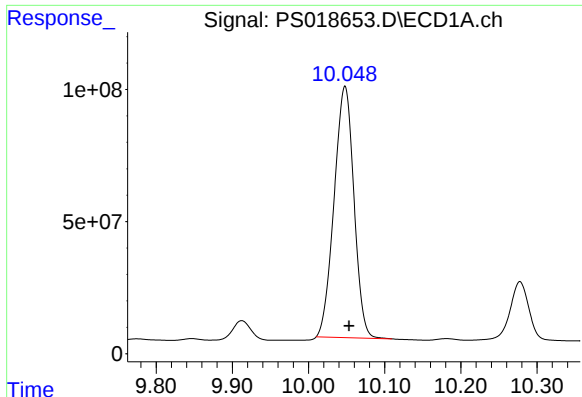
#12 2,4,5-T

R.T.: 9.495 min  
Delta R.T.: -0.005 min  
Response: 9162672534  
Conc: 613.35 ng/ml



#12 2,4,5-T

R.T.: 9.061 min  
Delta R.T.: -0.002 min  
Response: 2500017435  
Conc: 603.55 ng/ml



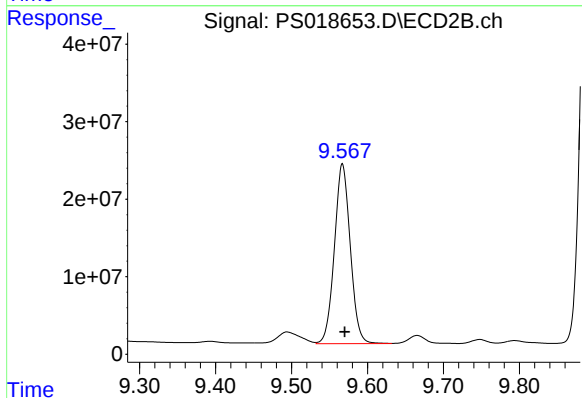
#13 2,4-DB

R.T.: 10.048 min  
Delta R.T.: -0.005 min  
Response: 1717495591  
Conc: 627.88 ng/ml

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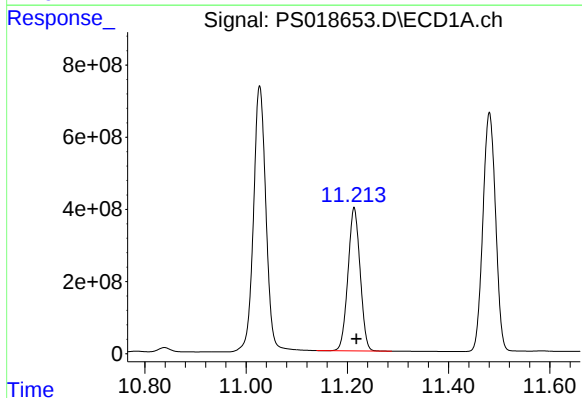
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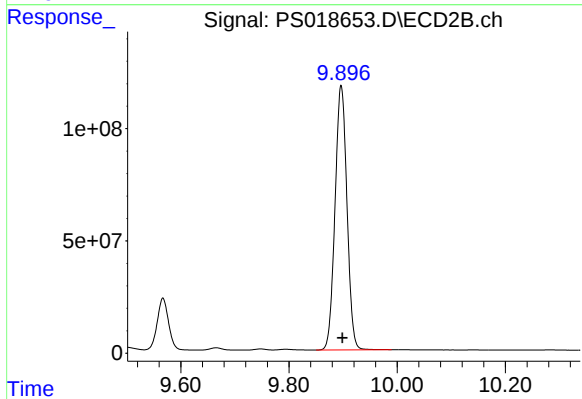
#13 2,4-DB

R.T.: 9.567 min  
Delta R.T.: -0.003 min  
Response: 337328361  
Conc: 594.15 ng/ml



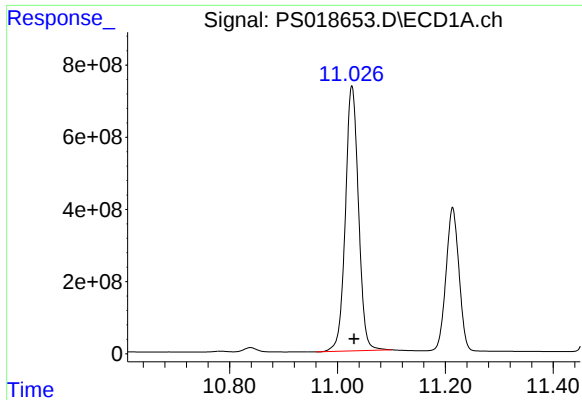
#14 DINOSEB

R.T.: 11.213 min  
Delta R.T.: -0.005 min  
Response: 6608065482  
Conc: 617.97 ng/ml



#14 DINOSEB

R.T.: 9.896 min  
Delta R.T.: -0.003 min  
Response: 1800496849  
Conc: 587.66 ng/ml



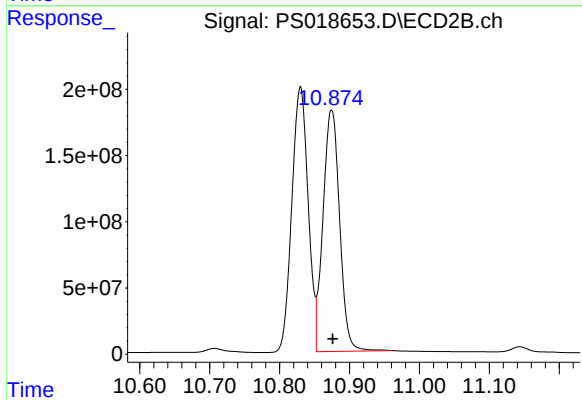
#15 Picloram

R.T.: 11.027 min  
Delta R.T.: -0.004 min  
Response: 12398287270  
Conc: 603.15 ng/ml

Instrument :  
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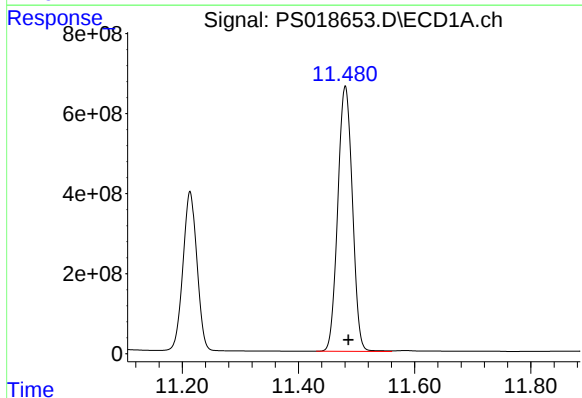
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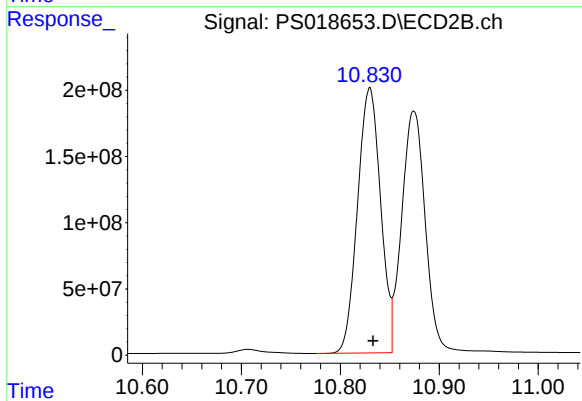
#15 Picloram

R.T.: 10.874 min  
Delta R.T.: -0.002 min  
Response: 3010123811  
Conc: 566.23 ng/ml



#16 DCPA

R.T.: 11.481 min  
Delta R.T.: -0.005 min  
Response: 11548603106  
Conc: 645.51 ng/ml



#16 DCPA

R.T.: 10.830 min  
Delta R.T.: -0.003 min  
Response: 3236883356  
Conc: 615.46 ng/ml