

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS121421\  
 Data File : PS017689.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Dec 2021 19:11  
 Operator : AJ\MA  
 Sample : M4967-13MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 TP-11DMS

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 12/15/2021  
 Supervised By :mohammad ahmed 12/16/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 15 01:10:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS121421.M  
 Quant Title : 8080.M  
 QLast Update : Tue Dec 14 13:29:21 2021  
 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     | 7.126  | 6.713  | 1057.8E6 | 396.6E6  | 676.826m | 665.300m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.972  | 2.469  | 413.0E6  | 342.0E6  | 161.148m | 441.750m# |
| 2) T                        | 3,5-DICHL... | 6.355  | 5.918  | 586.2E6  | 209.6E6  | 262.373  | 231.154m  |
| 5) T                        | DICAMBA      | 7.315  | 6.873  | 1679.1E6 | 678.6E6  | 265.534  | 254.727m  |
| 6) T                        | MCP          | 7.481  | 6.964  | 124.3E6  | 62029255 | 26.374   | 28.498    |
| 7) T                        | MCPA         | 7.628  | 7.175  | 193.8E6  | 84516275 | 29.304   | 27.639    |
| 8) T                        | DICHLORPROP  | 8.004  | 7.490  | 395.0E6  | 182.8E6  | 252.777m | 268.208   |
| 9) T                        | 2,4-D        | 8.234  | 7.780  | 503.9E6  | 231.0E6  | 285.006m | 284.115   |
| 10) T                       | Pentachlo... | 8.536  | 8.201  | 2470.2E6 | 994.5E6  | 114.481m | 116.075   |
| 11) T                       | 2,4,5-TP ... | 9.085  | 8.561  | 1979.2E6 | 849.2E6  | 232.656m | 233.587m  |
| 12) T                       | 2,4,5-T      | 9.369  | 8.938  | 2080.6E6 | 885.4E6  | 239.167  | 258.914   |
| 13) T                       | 2,4-DB       | 9.920  | 9.442  | 279.6E6  | 102.6E6  | 189.332  | 226.560   |
| 14) T                       | DINOSEB      | 11.066 | 9.758  | 77523178 | 21782594 | 11.337   | 8.431m#   |
| 15) T                       | Picloram     | 10.892 | 10.743 | 3439.8E6 | 1483.2E6 | 316.999  | 301.984   |
| 16) T                       | DCPA         | 11.335 | 10.693 | 3729.3E6 | 1915.3E6 | 343.378  | 427.635   |
| -----                       |              |        |        |          |          |          |           |

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

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 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

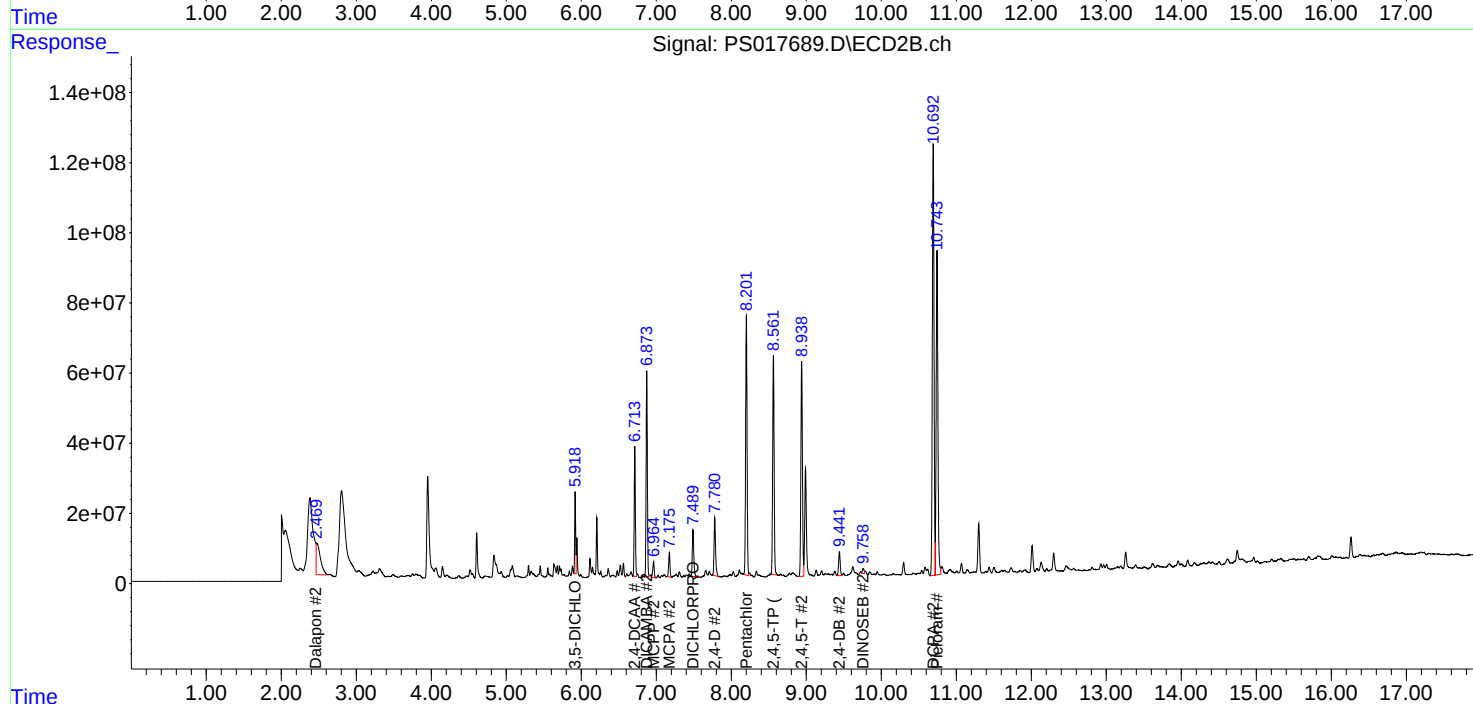
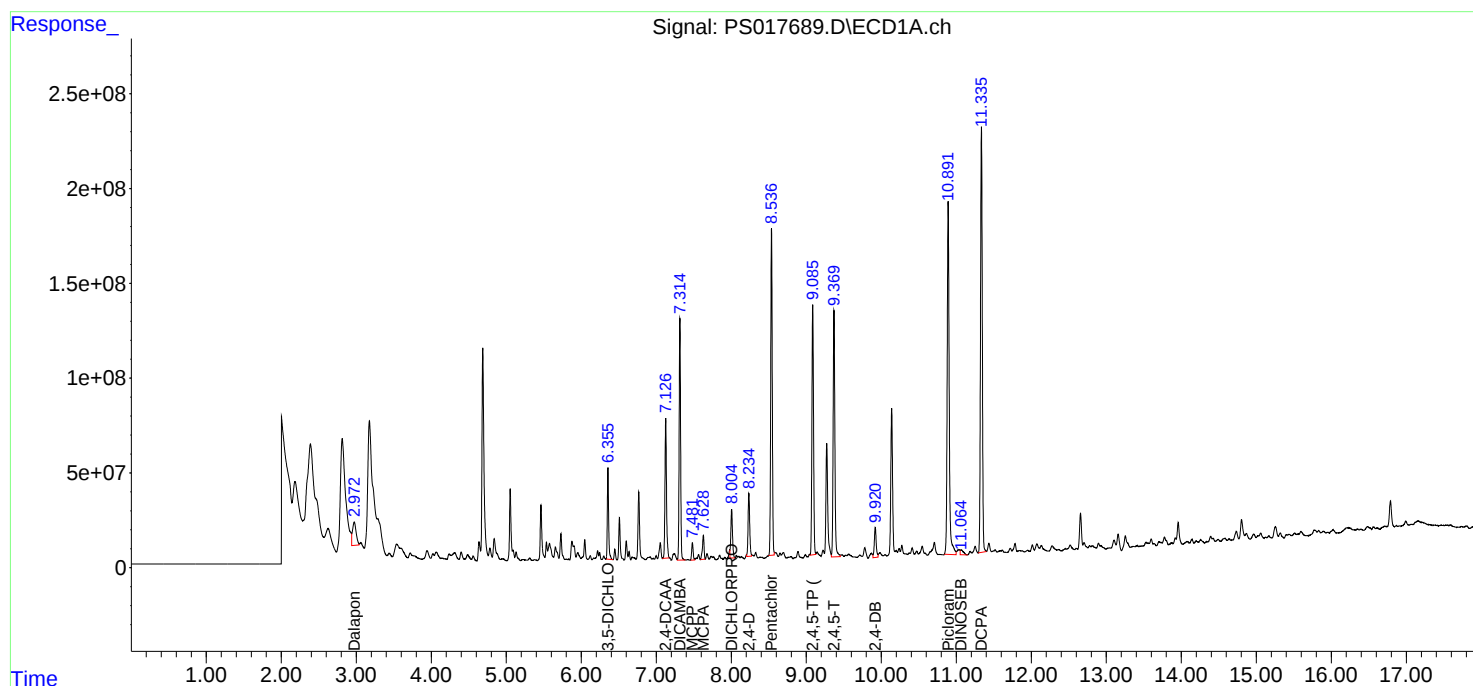
Instrument :  
 ECD\_S  
 ClientSampleId :  
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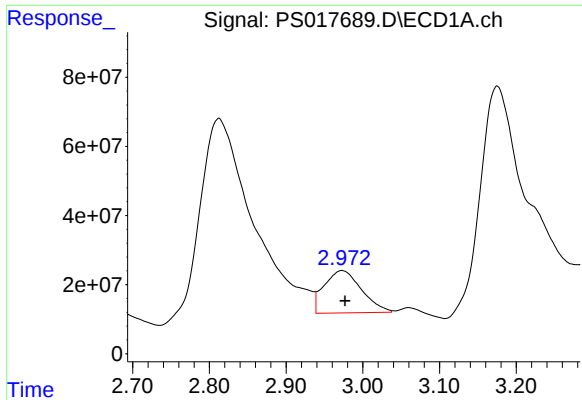
### Manual Integrations APPROVED

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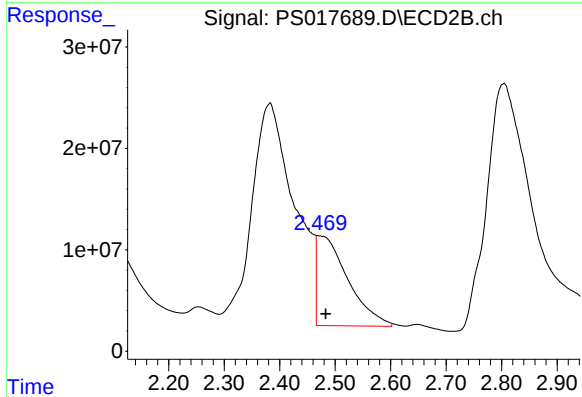
#1 Dalapon

R.T.: 2.972 min  
Delta R.T.: -0.005 min  
Response: 412959011  
Conc: 161.15 ng/ml

Instrument :  
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ClientSampleId :  
TP-11DMS

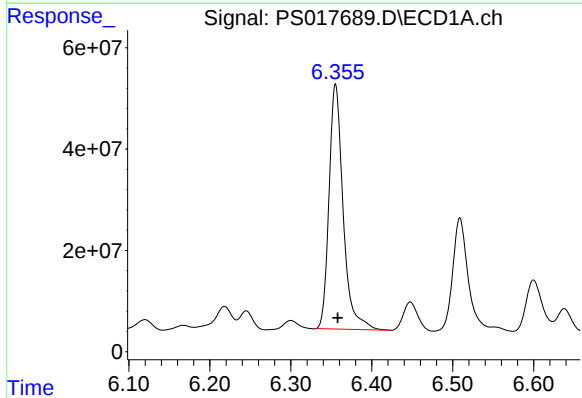
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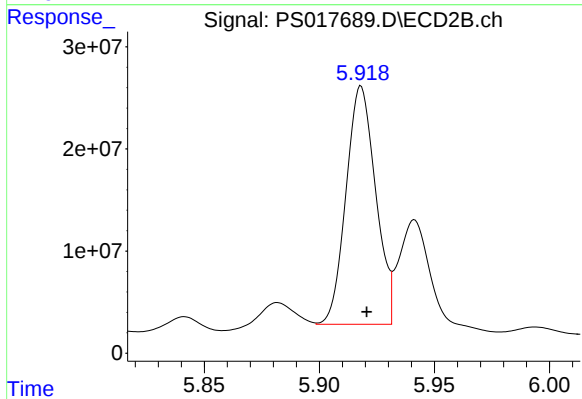
#1 Dalapon

R.T.: 2.469 min  
Delta R.T.: -0.015 min  
Response: 341958032  
Conc: 441.75 ng/ml m



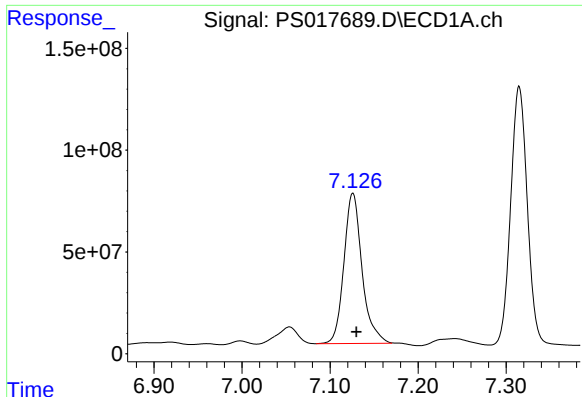
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.355 min  
Delta R.T.: -0.003 min  
Response: 586178639  
Conc: 262.37 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.918 min  
Delta R.T.: -0.003 min  
Response: 209577330  
Conc: 231.15 ng/ml m



#4 2,4-DCAA

R.T.: 7.126 min  
Delta R.T.: -0.004 min  
Response: 1057842092  
Conc: 676.83 ng/ml

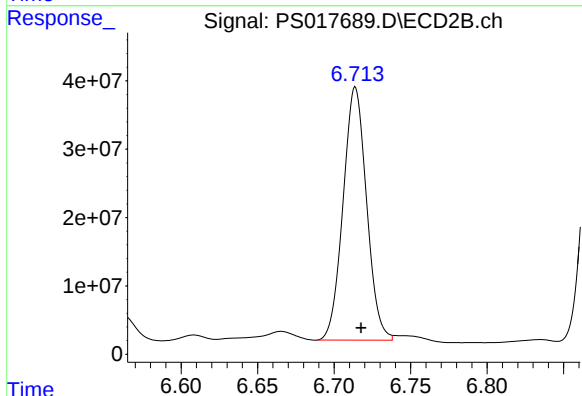
Instrument :

ECD\_S

ClientSampleId :  
TP-11DMS

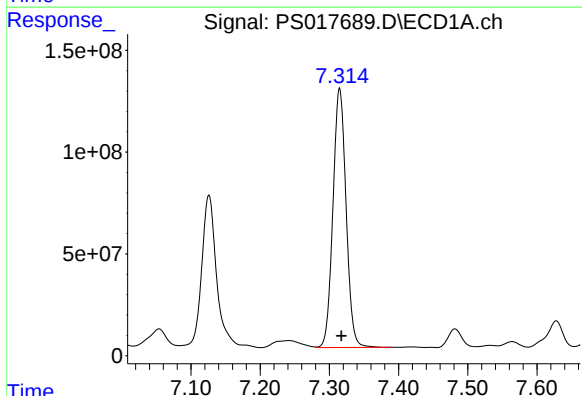
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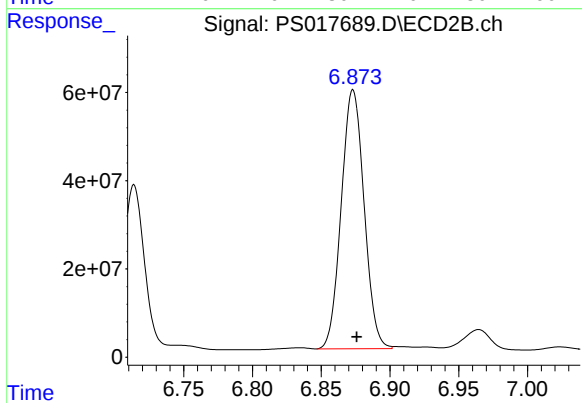
#4 2,4-DCAA

R.T.: 6.713 min  
Delta R.T.: -0.004 min  
Response: 396586180  
Conc: 665.30 ng/ml m



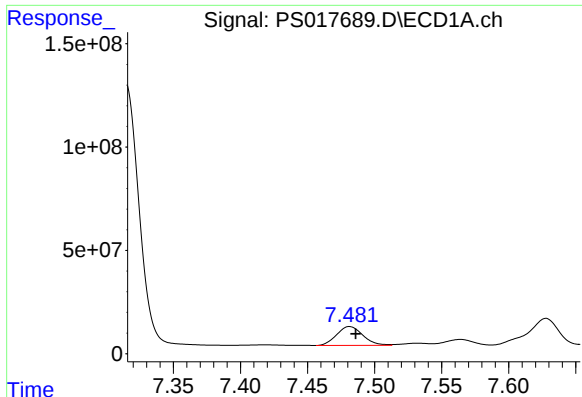
#5 DICAMBA

R.T.: 7.315 min  
Delta R.T.: -0.002 min  
Response: 1679085141  
Conc: 265.53 ng/ml



#5 DICAMBA

R.T.: 6.873 min  
Delta R.T.: -0.003 min  
Response: 678580908  
Conc: 254.73 ng/ml m



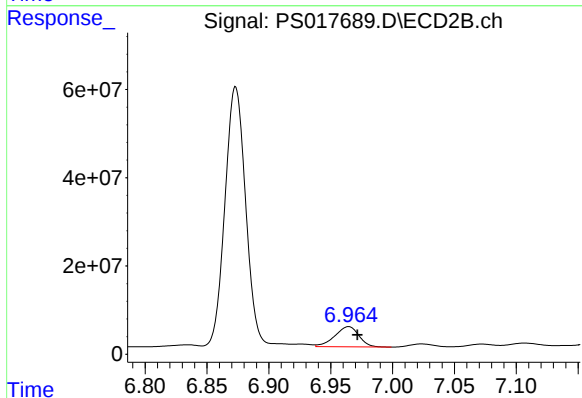
#6 MCPP

R.T.: 7.481 min  
Delta R.T.: -0.004 min  
Response: 124327847  
Conc: 26.37 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-11DMS

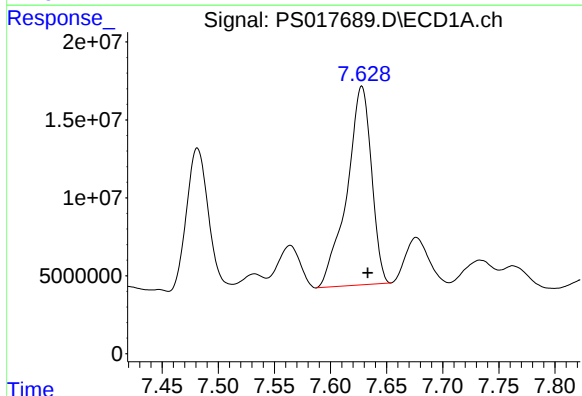
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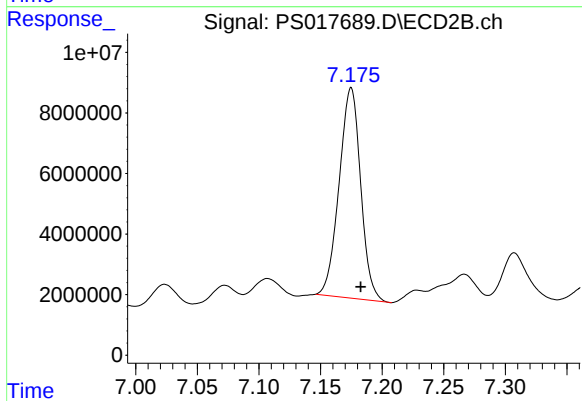
#6 MCPP

R.T.: 6.964 min  
Delta R.T.: -0.007 min  
Response: 62029255  
Conc: 28.50 ug/ml



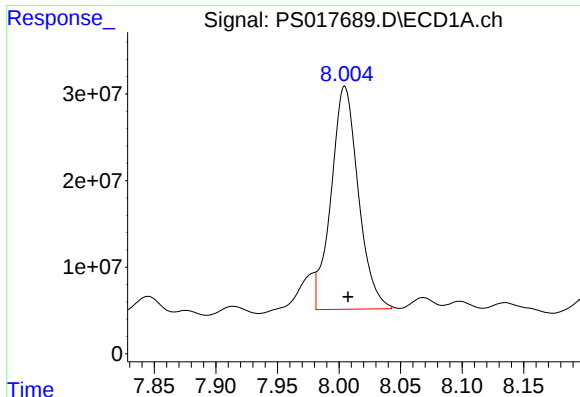
#7 MCPA

R.T.: 7.628 min  
Delta R.T.: -0.005 min  
Response: 193808009  
Conc: 29.30 ug/ml



#7 MCPA

R.T.: 7.175 min  
Delta R.T.: -0.008 min  
Response: 84516275  
Conc: 27.64 ug/ml



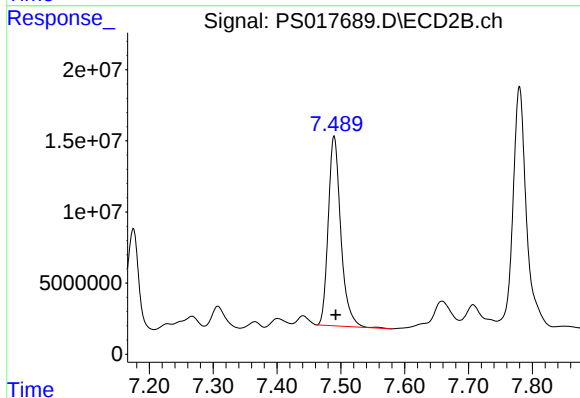
#8 DICHLORPROP

R.T.: 8.004 min  
Delta R.T.: -0.003 min  
Response: 394964958  
Conc: 252.78 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
TP-11DMS

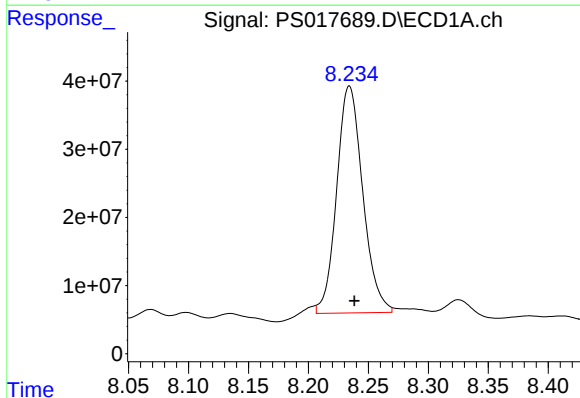
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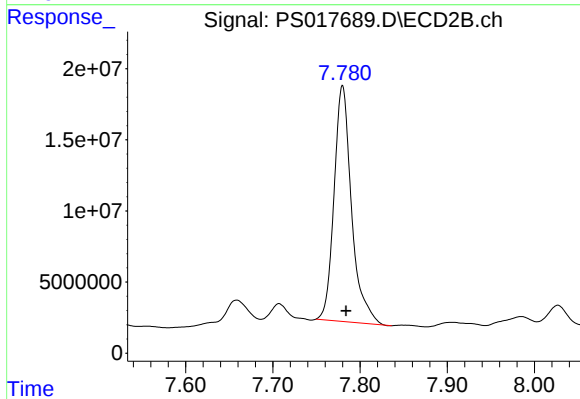
#8 DICHLORPROP

R.T.: 7.490 min  
Delta R.T.: -0.003 min  
Response: 182789137  
Conc: 268.21 ng/ml



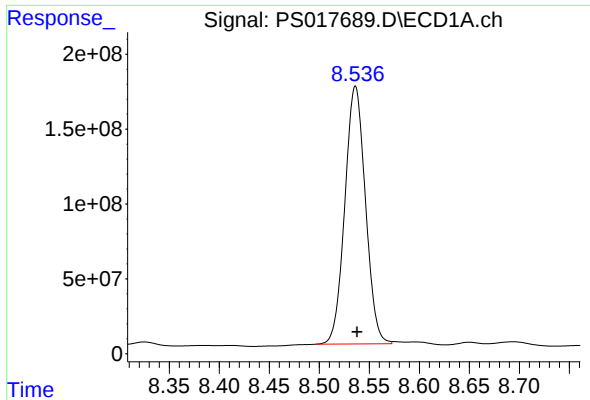
#9 2,4-D

R.T.: 8.234 min  
Delta R.T.: -0.005 min  
Response: 503856431  
Conc: 285.01 ng/ml m



#9 2,4-D

R.T.: 7.780 min  
Delta R.T.: -0.004 min  
Response: 230997887  
Conc: 284.11 ng/ml



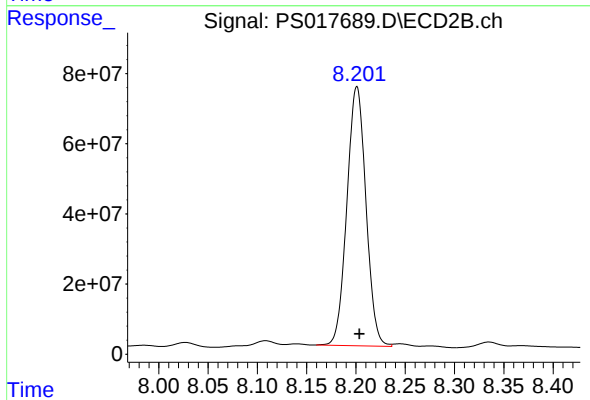
#10 Pentachlorophenol

R.T.: 8.536 min  
Delta R.T.: -0.002 min  
Response: 2470183930  
Conc: 114.48 ng/ml

Instrument :  
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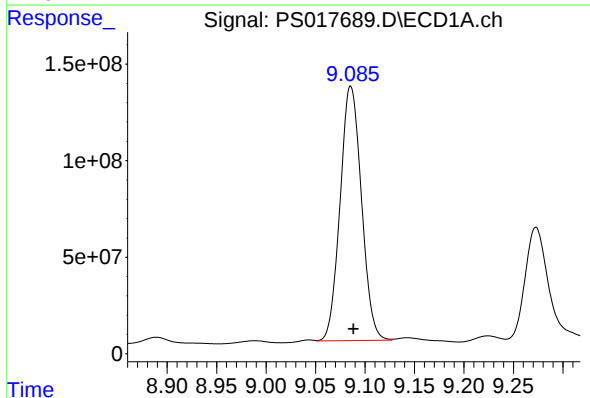
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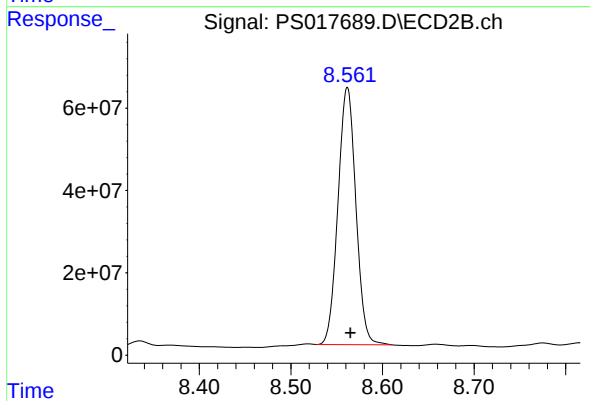
#10 Pentachlorophenol

R.T.: 8.201 min  
Delta R.T.: -0.002 min  
Response: 994505186  
Conc: 116.08 ng/ml



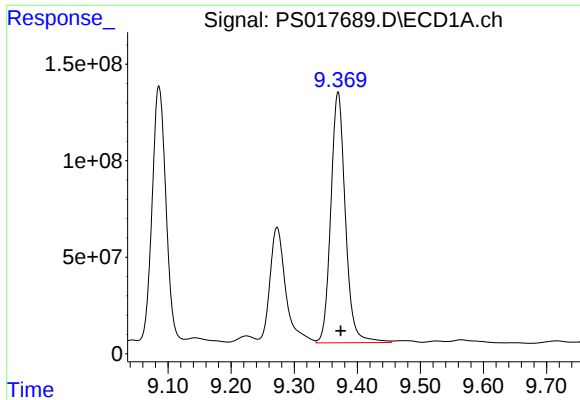
#11 2,4,5-TP (SILVEX)

R.T.: 9.085 min  
Delta R.T.: -0.003 min  
Response: 1979176131  
Conc: 232.66 ng/ml m



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

R.T.: 8.561 min  
Delta R.T.: -0.004 min  
Response: 849154553  
Conc: 233.59 ng/ml m



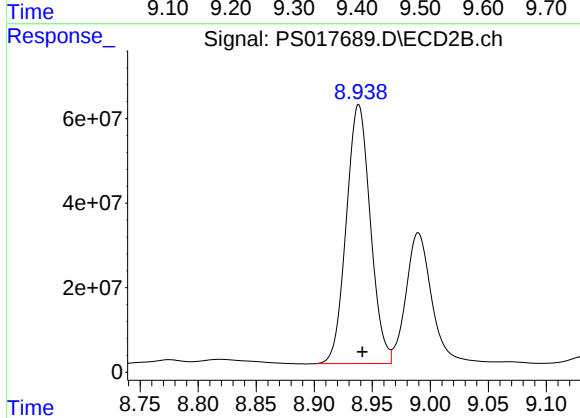
#12 2,4,5-T

R.T.: 9.369 min  
Delta R.T.: -0.004 min  
Response: 2080587223  
Conc: 239.17 ng/ml

Instrument :  
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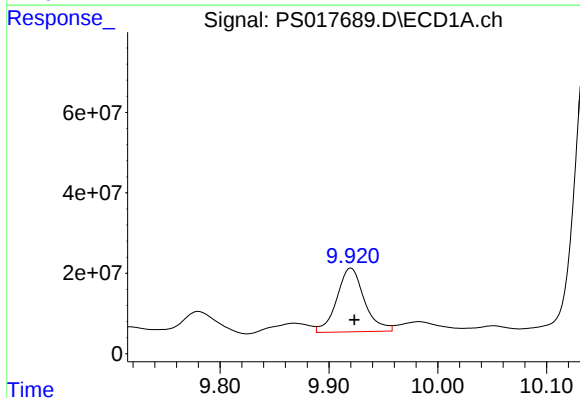
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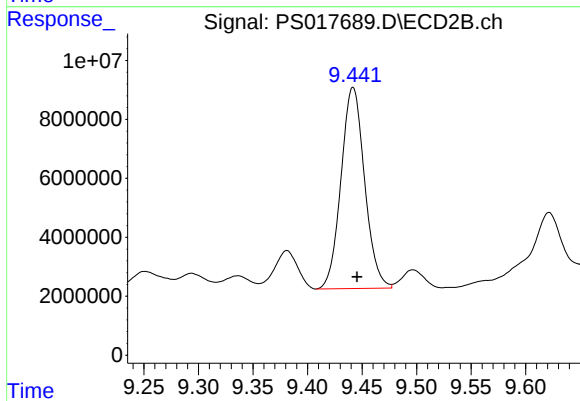
#12 2,4,5-T

R.T.: 8.938 min  
Delta R.T.: -0.003 min  
Response: 885396317  
Conc: 258.91 ng/ml



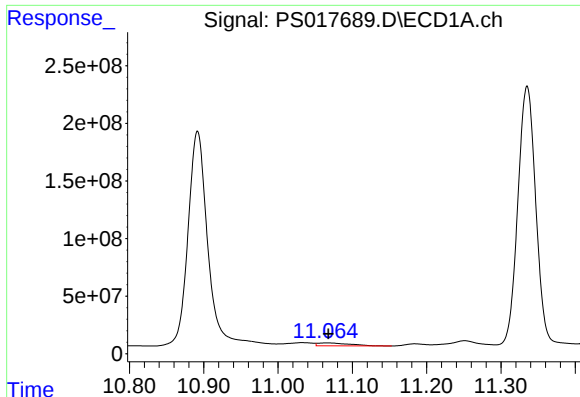
#13 2,4-DB

R.T.: 9.920 min  
Delta R.T.: -0.003 min  
Response: 279585271  
Conc: 189.33 ng/ml



#13 2,4-DB

R.T.: 9.442 min  
Delta R.T.: -0.004 min  
Response: 102645554  
Conc: 226.56 ng/ml



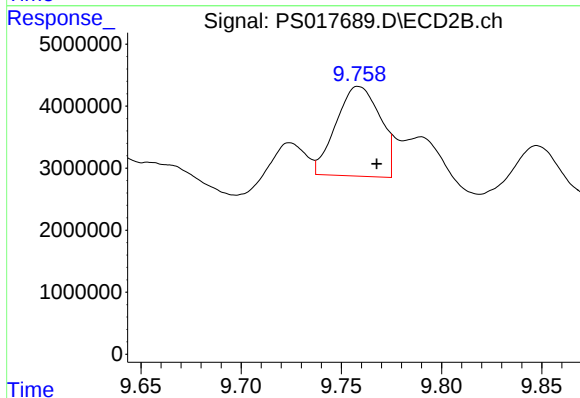
#14 DINOSEB

R.T.: 11.066 min  
Delta R.T.: -0.002 min  
Response: 77523178  
Conc: 11.34 ng/ml

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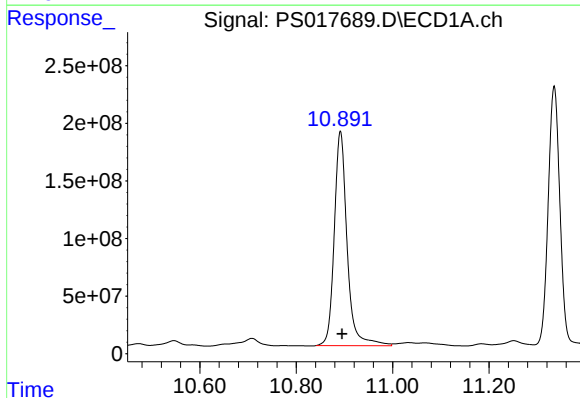
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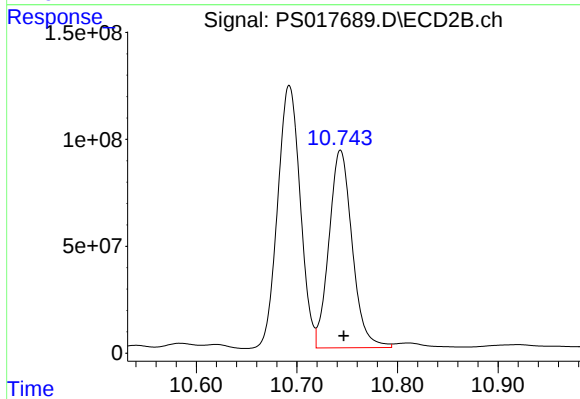
#14 DINOSEB

R.T.: 9.758 min  
Delta R.T.: -0.010 min  
Response: 21782594  
Conc: 8.43 ng/ml m



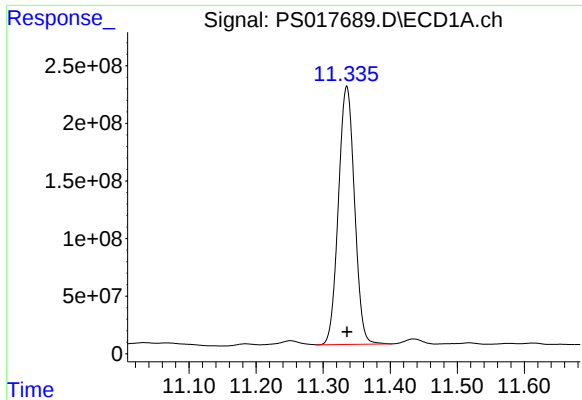
#15 Picloram

R.T.: 10.892 min  
Delta R.T.: -0.003 min  
Response: 3439816217  
Conc: 317.00 ng/ml



#15 Picloram

R.T.: 10.743 min  
Delta R.T.: -0.003 min  
Response: 1483185456  
Conc: 301.98 ng/ml



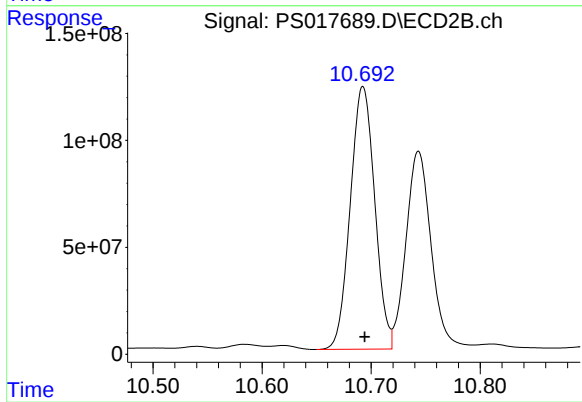
#16 DCPA

R.T.: 11.335 min  
Delta R.T.: 0.000 min  
Response: 3729258255  
Conc: 343.38 ng/ml

Instrument :  
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#16 DCPA

R.T.: 10.693 min  
Delta R.T.: -0.002 min  
Response: 1915338676  
Conc: 427.64 ng/ml