

Data Path : P:\HPCHEM1\ECD P\Data\PP032918\  
 Data File : PP024704.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Mar 2018 15:00  
 Operator : UA/AJ  
 Sample : HSTDICV750  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP032918

Manual Integrations  
 APPROVED

UGO  
 3/30/2018 11:52:36 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 30 01:14:01 2018  
 Quant Method : P:\HPCHEM1\ECD\_P\methods\PP032918.M  
 Quant Title : 8080.M  
 QLast Update : Fri Mar 30 01:06:07 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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   | nq/ml   | nq/ml    |
|-----------------------------|--------------|--------|--------|----------|----------|---------|----------|
| -----                       |              |        |        |          |          |         |          |
| System Monitoring Compounds |              |        |        |          |          |         |          |
| 4) S                        | 2,4-DCAA     | 11.447 | 11.167 | 361.4E6  | 405.2E6  | 682.736 | 682.752  |
| Target Compounds            |              |        |        |          |          |         |          |
| 1) T                        | Dalapon      | 2.895  | 2.471  | 481.1E6  | 522.4E6  | 623.666 | 617.135  |
| 2) T                        | 3,5-DICHL... | 9.841  | 9.291  | 526.5E6  | 512.5E6  | 638.845 | 635.710  |
| 3) T                        | 4-Nitroph... | 11.021 | 10.328 | 230.1E6  | 223.4E6  | 628.451 | 625.945  |
| 5) T                        | DICAMBA      | 11.765 | 11.459 | 1600.4E6 | 1500.5E6 | 648.432 | 649.625m |
| 6) T                        | MCPD         | 12.105 | 11.668 | 102.1E6  | 90755996 | 65.481  | 63.293   |
| 7) T                        | MCPA         | 12.361 | 12.058 | 146.8E6  | 135.3E6  | 63.116  | 64.135   |
| 8) T                        | DICHLORPROP  | 12.959 | 12.572 | 374.3E6  | 373.4E6  | 629.208 | 634.023  |
| 9) T                        | 2,4-D        | 13.321 | 13.058 | 466.8E6  | 489.2E6  | 637.259 | 644.444  |
| 10) T                       | Pentachlo... | 13.704 | 13.607 | 6172.7E6 | 5840.4E6 | 657.614 | 658.023  |
| 11) T                       | 2,4,5-TP ... | 14.577 | 14.210 | 3240.4E6 | 2446.3E6 | 768.210 | 658.240  |
| 12) T                       | 2,4,5-T      | 14.978 | 14.835 | 2396.7E6 | 1973.0E6 | 657.735 | 661.334  |
| 13) T                       | 2,4-DB       | 15.726 | 15.433 | 296.3E6  | 275.9E6  | 652.831 | 651.787  |
| 14) T                       | DINOSEB      | 17.198 | 15.831 | 1798.7E6 | 1587.6E6 | 648.942 | 649.304  |
| 15) T                       | Picloram     | 17.004 | 17.167 | 3870.1E6 | 3217.3E6 | 661.252 | 668.549  |
| 16) T                       | DCPA         | 17.567 | 17.048 | 3221.7E6 | 2883.7E6 | 665.487 | 667.025  |
| -----                       |              |        |        |          |          |         |          |

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

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Data File : PP024704.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Mar 2018 15:00  
Operator : UA/AJ  
Sample : HSTDICV750  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

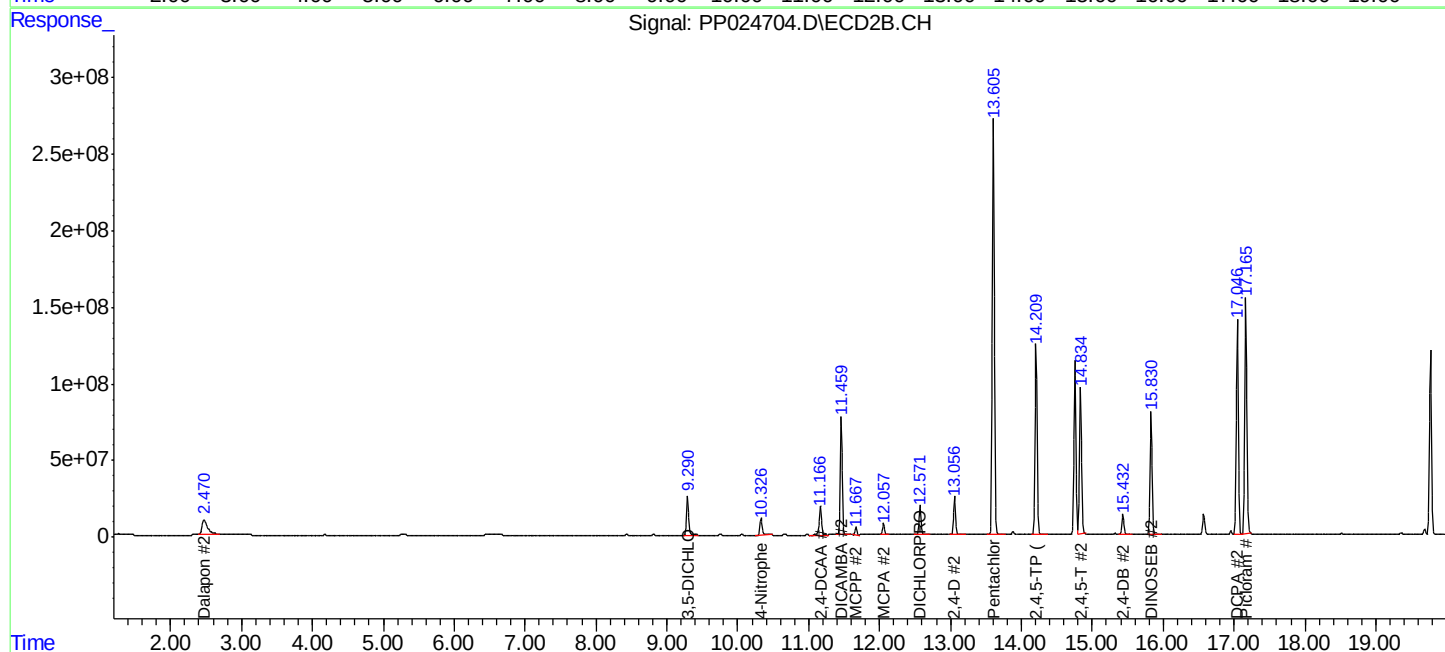
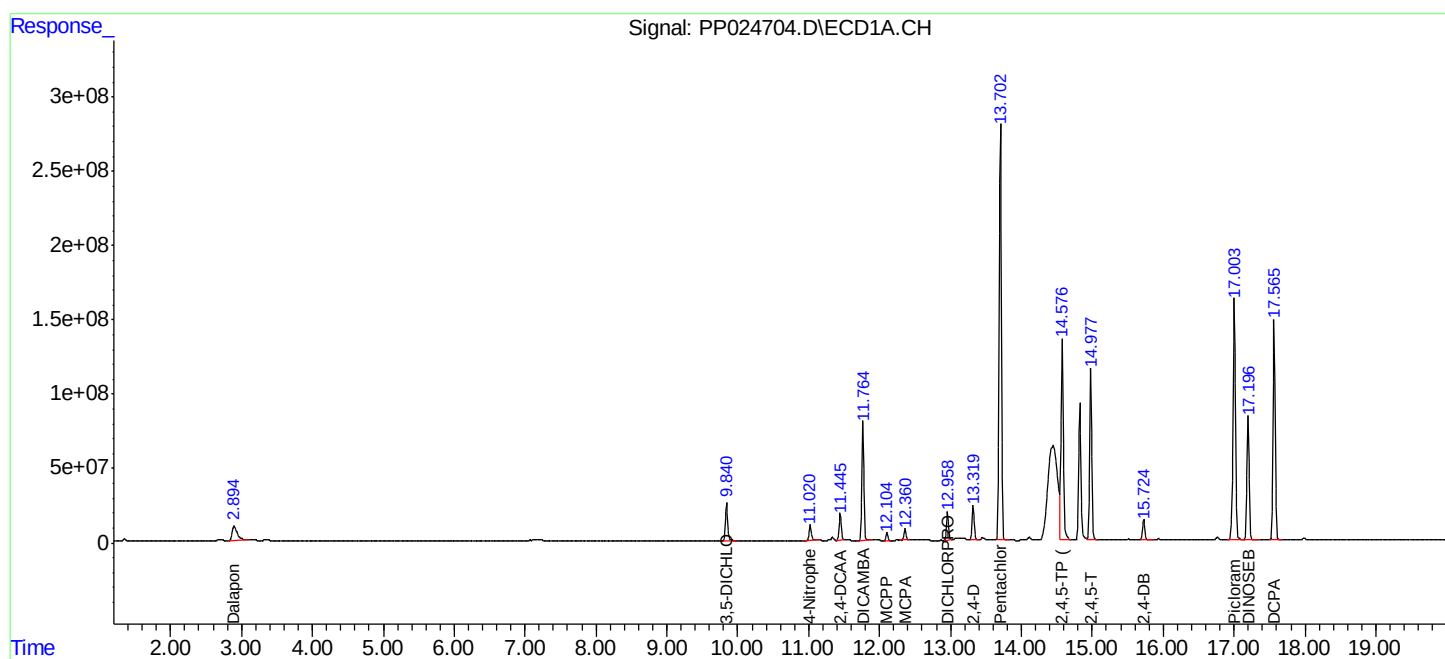
Instrument :  
ECD\_P  
ClientSampled :  
ICVPP032918

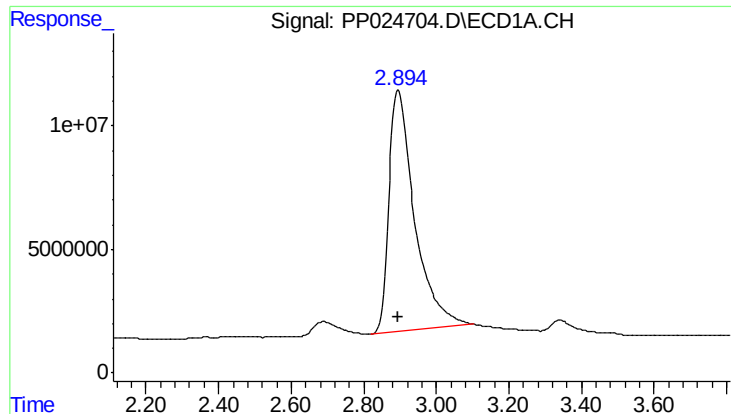
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 30 01:14:01 2018  
Quant Method : P:\HPCHEM1\ECD\_P\methods\PP032918.M  
Quant Title : 8080.M  
QLast Update : Fri Mar 30 01:06:07 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





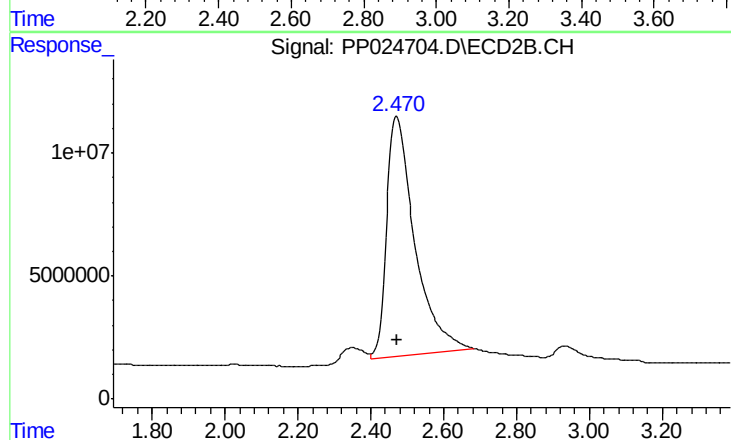
#1 Dalapon

R.T.: 2.895 min  
Delta R.T.: -0.001 min  
Response: 481076481  
Conc: 623.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP032918

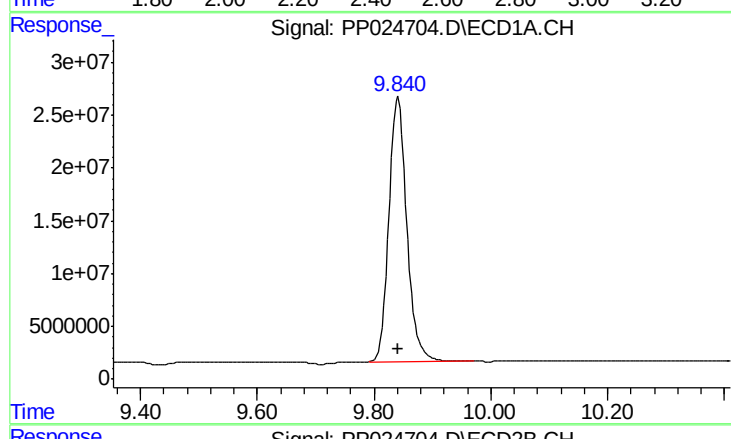
Manual Integrations  
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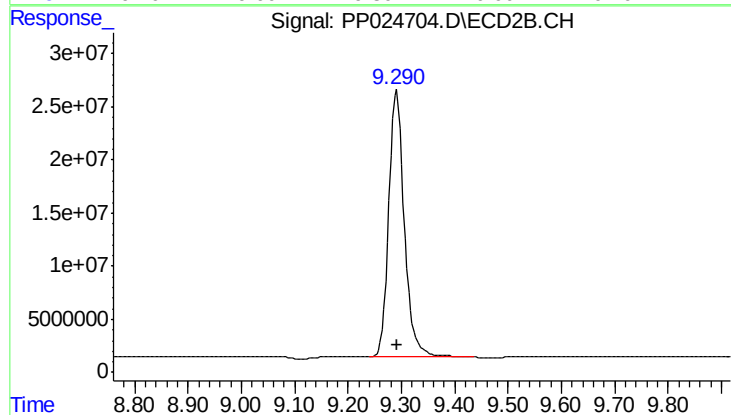
#1 Dalapon

R.T.: 2.471 min  
Delta R.T.: 0.000 min  
Response: 522405052  
Conc: 617.13 ng/ml



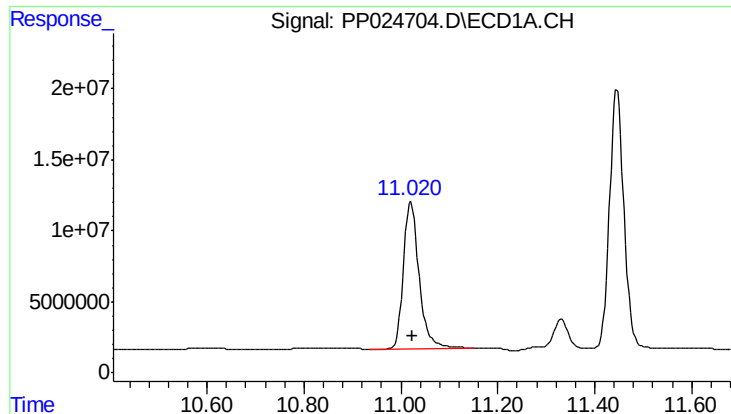
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.841 min  
Delta R.T.: 0.000 min  
Response: 526512552  
Conc: 638.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.291 min  
Delta R.T.: -0.001 min  
Response: 512469135  
Conc: 635.71 ng/ml



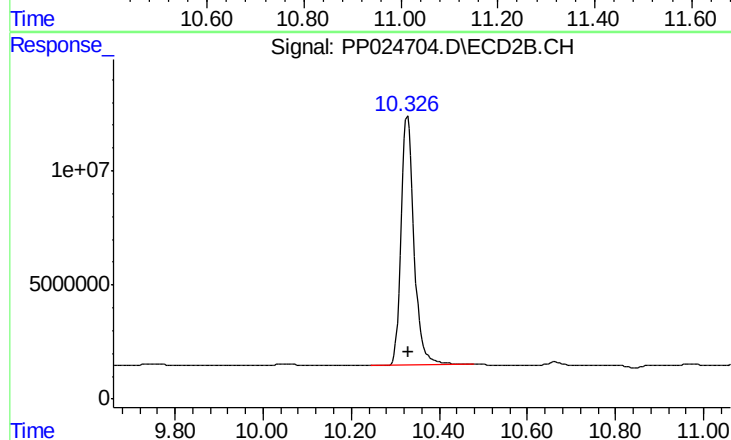
#3 4-Nitrophenol

R.T.: 11.021 min  
Delta R.T.: -0.002 min  
Response: 230079023  
Conc: 628.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP032918

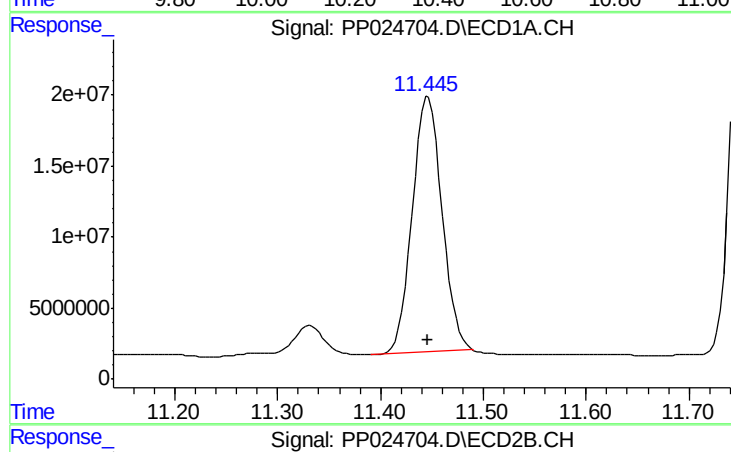
Manual Integrations  
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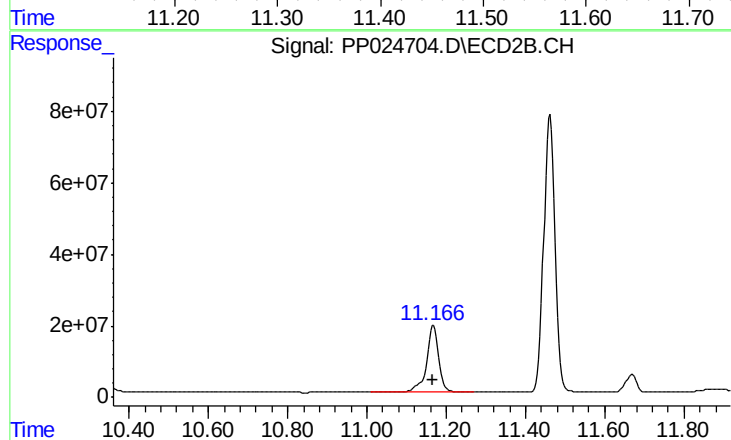
#3 4-Nitrophenol

R.T.: 10.328 min  
Delta R.T.: -0.003 min  
Response: 223380761  
Conc: 625.94 ng/ml



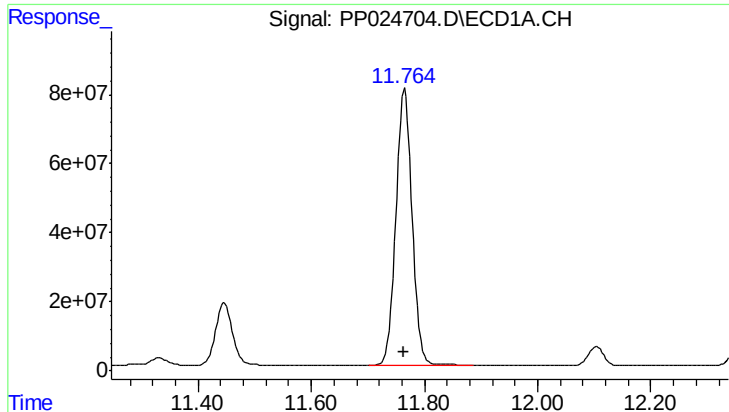
#4 2,4-DCAA

R.T.: 11.447 min  
Delta R.T.: 0.000 min  
Response: 361353888  
Conc: 682.74 ng/ml



#4 2,4-DCAA

R.T.: 11.167 min  
Delta R.T.: 0.000 min  
Response: 405154013  
Conc: 682.75 ng/ml



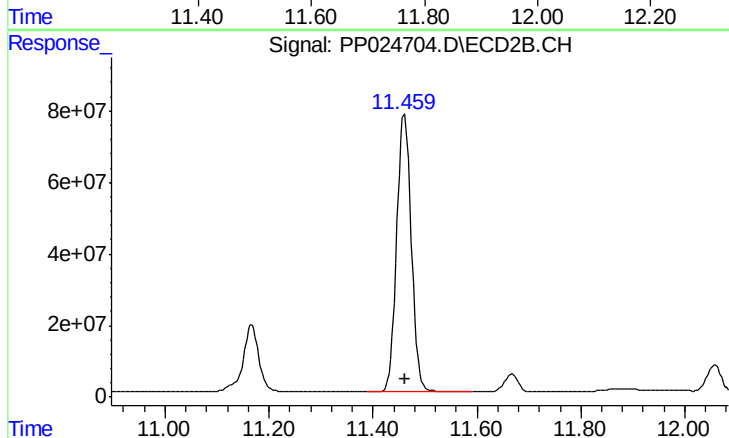
#5 DICAMBA

R.T.: 11.765 min  
Delta R.T.: 0.002 min  
Response: 1600449462  
Conc: 648.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP032918

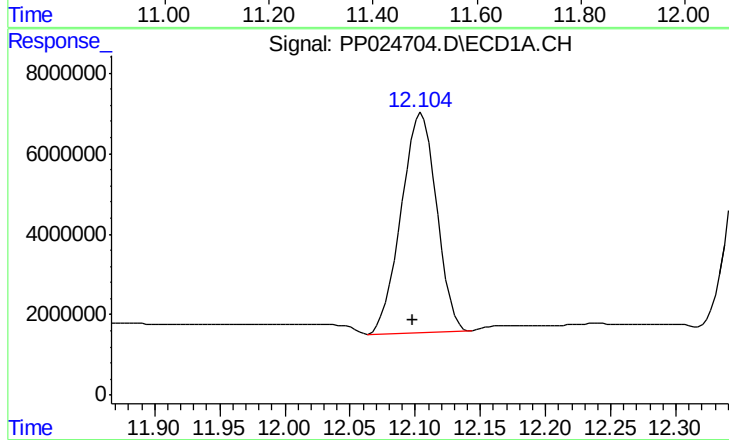
Manual Integrations  
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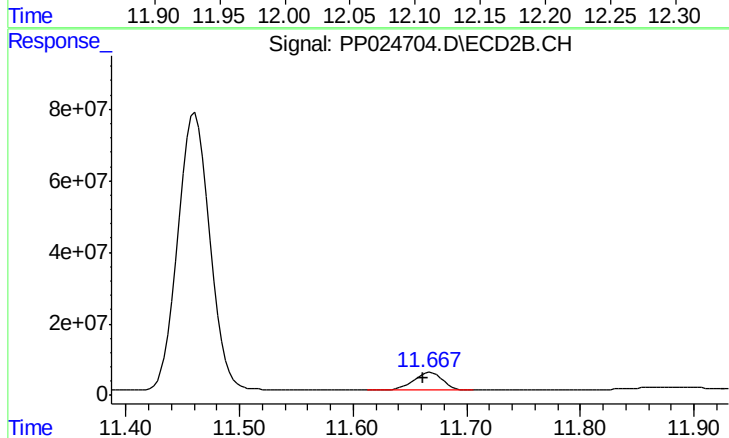
#5 DICAMBA

R.T.: 11.459 min  
Delta R.T.: -0.002 min  
Response: 1500493696  
Conc: 649.63 ng/ml m



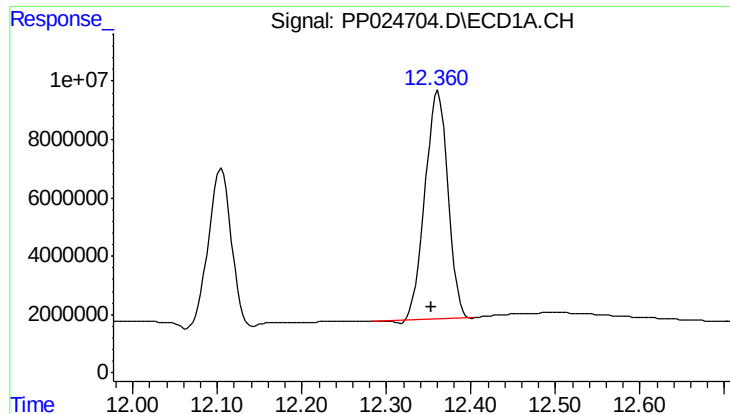
#6 MCP

R.T.: 12.105 min  
Delta R.T.: 0.006 min  
Response: 102133033  
Conc: 65.48 ug/ml



#6 MCP

R.T.: 11.668 min  
Delta R.T.: 0.007 min  
Response: 90755996  
Conc: 63.29 ug/ml



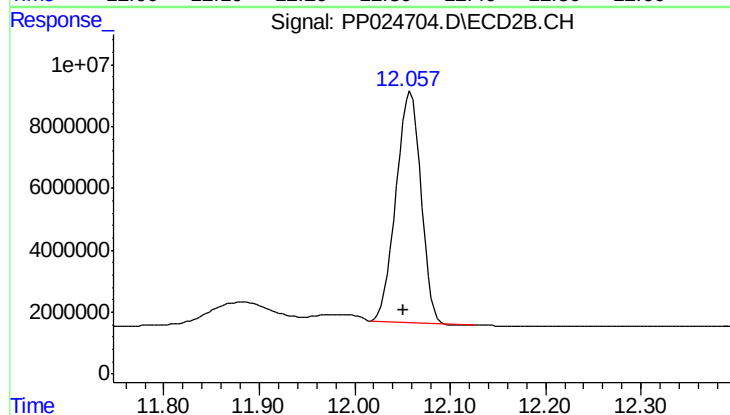
#7 MCPA

R.T.: 12.361 min  
Delta R.T.: 0.008 min  
Response: 146799118  
Conc: 63.12 ug/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP032918

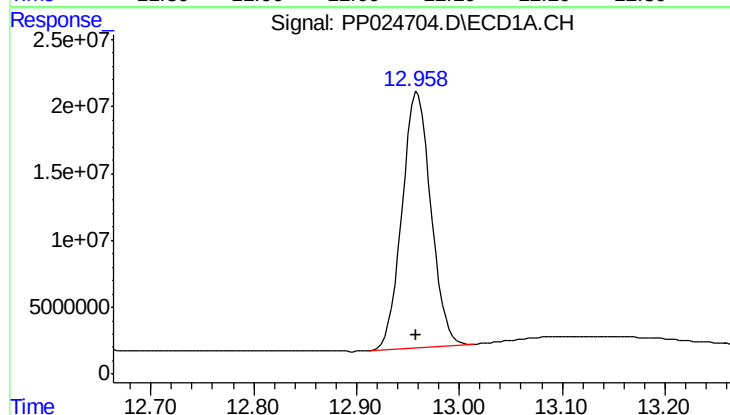
Manual Integrations  
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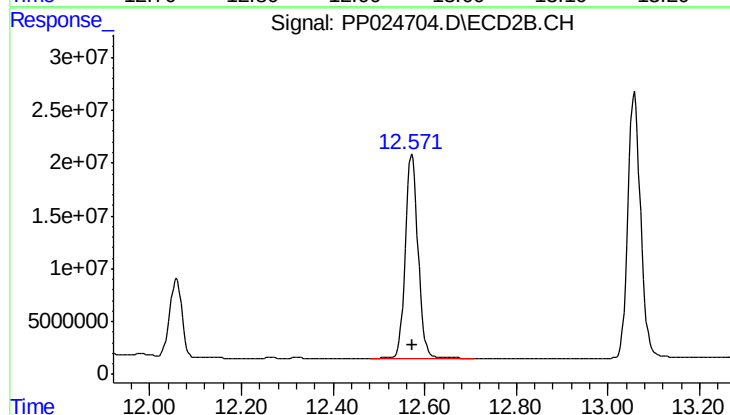
#7 MCPA

R.T.: 12.058 min  
Delta R.T.: 0.007 min  
Response: 135312478  
Conc: 64.14 ug/ml



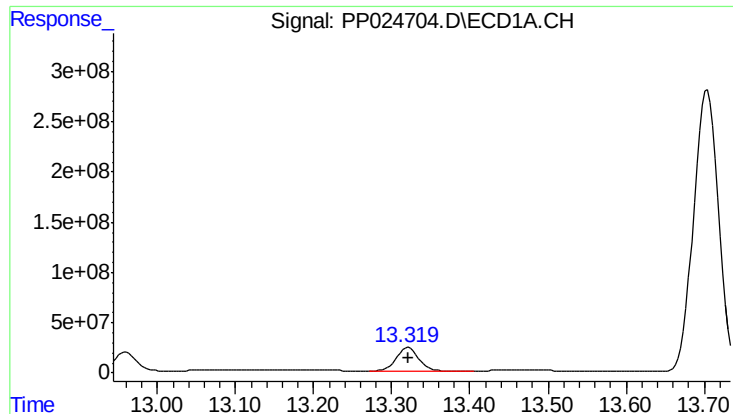
#8 DICHLORPROP

R.T.: 12.959 min  
Delta R.T.: 0.000 min  
Response: 374349391  
Conc: 629.21 ng/ml



#8 DICHLORPROP

R.T.: 12.572 min  
Delta R.T.: 0.000 min  
Response: 373388423  
Conc: 634.02 ng/ml



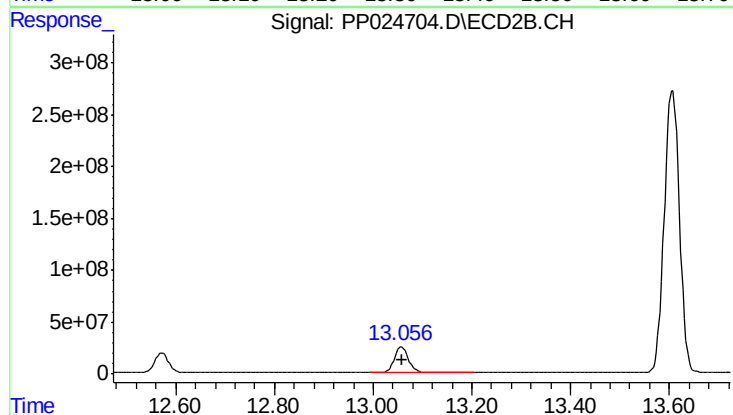
#9 2,4-D

R.T.: 13.321 min  
Delta R.T.: 0.000 min  
Response: 466812652  
Conc: 637.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP032918

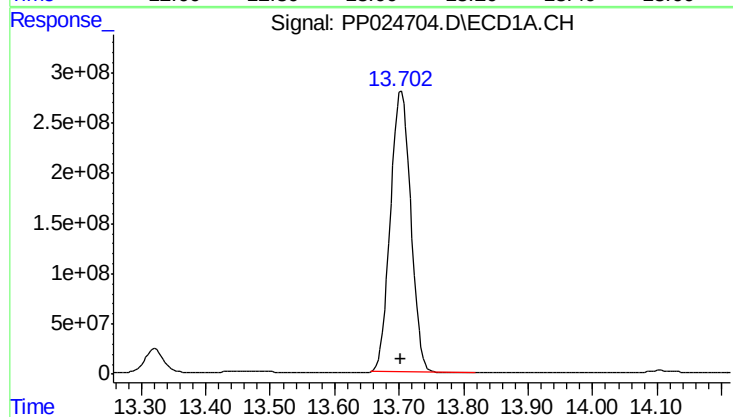
Manual Integrations  
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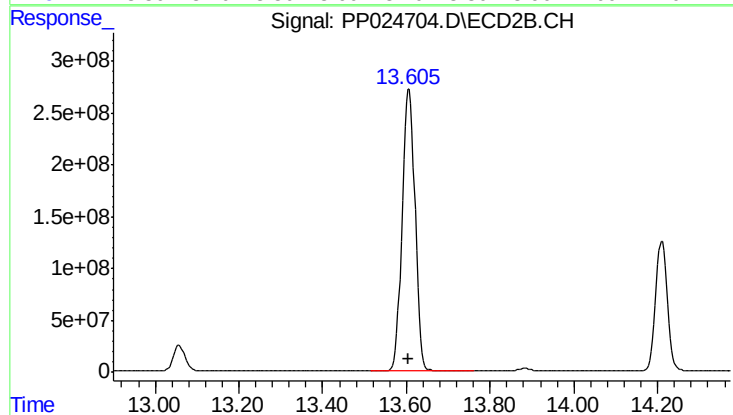
#9 2,4-D

R.T.: 13.058 min  
Delta R.T.: 0.000 min  
Response: 489226161  
Conc: 644.44 ng/ml



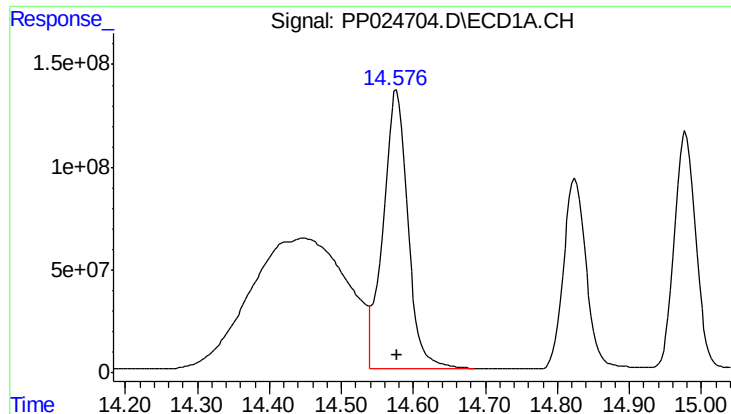
#10 Pentachlorophenol

R.T.: 13.704 min  
Delta R.T.: 0.001 min  
Response: 6172682962  
Conc: 657.61 ng/ml



#10 Pentachlorophenol

R.T.: 13.607 min  
Delta R.T.: 0.000 min  
Response: 5840432955  
Conc: 658.02 ng/ml



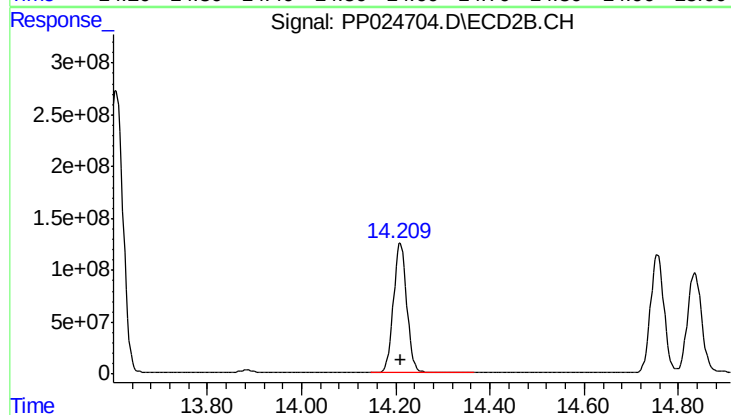
#11 2,4,5-TP (SILVEX)

R.T.: 14.577 min  
Delta R.T.: 0.000 min  
Response: 3240441383  
Conc: 768.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP032918

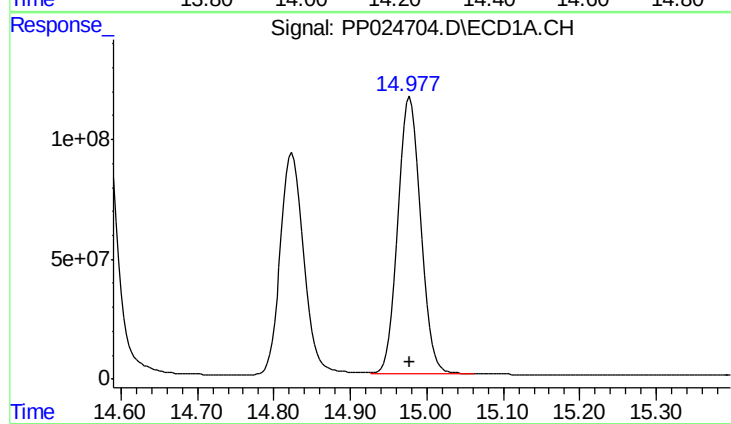
Manual Integrations  
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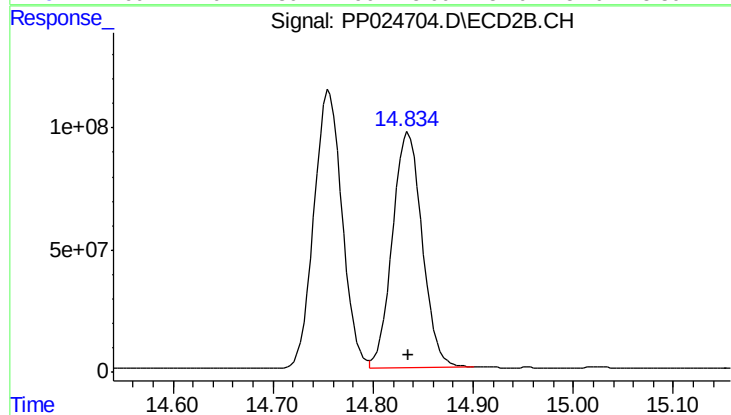
#11 2,4,5-TP (SILVEX)

R.T.: 14.210 min  
Delta R.T.: 0.000 min  
Response: 2446257088  
Conc: 658.24 ng/ml



#12 2,4,5-T

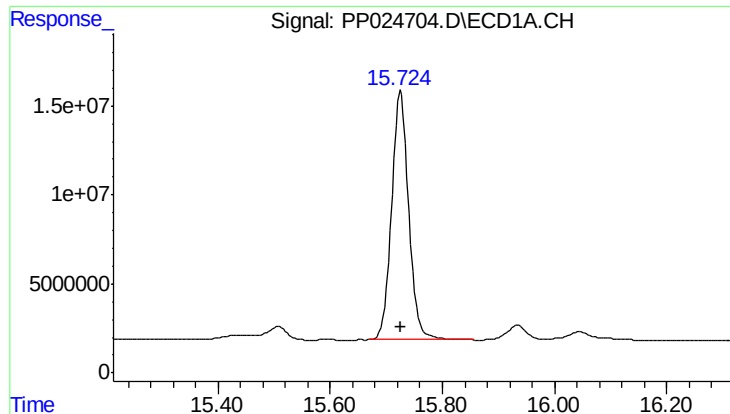
R.T.: 14.978 min  
Delta R.T.: 0.000 min  
Response: 2396666258  
Conc: 657.74 ng/ml



#12 2,4,5-T

R.T.: 14.835 min  
Delta R.T.: 0.000 min  
Response: 1972959854  
Conc: 661.33 ng/ml





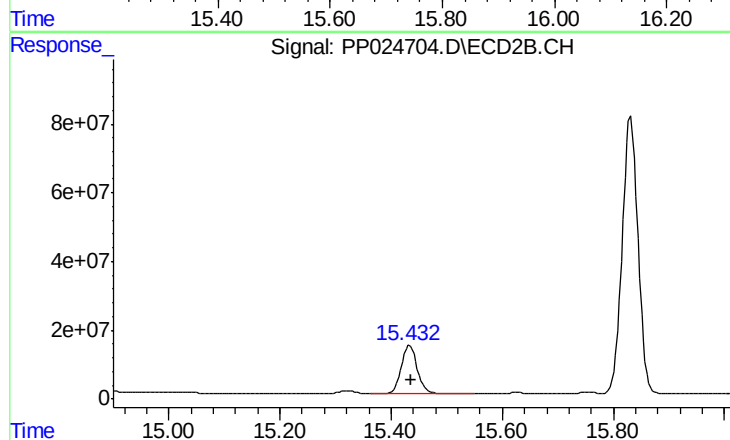
#13 2,4-DB

R.T.: 15.726 min  
Delta R.T.: 0.000 min  
Response: 296250272  
Conc: 652.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP032918

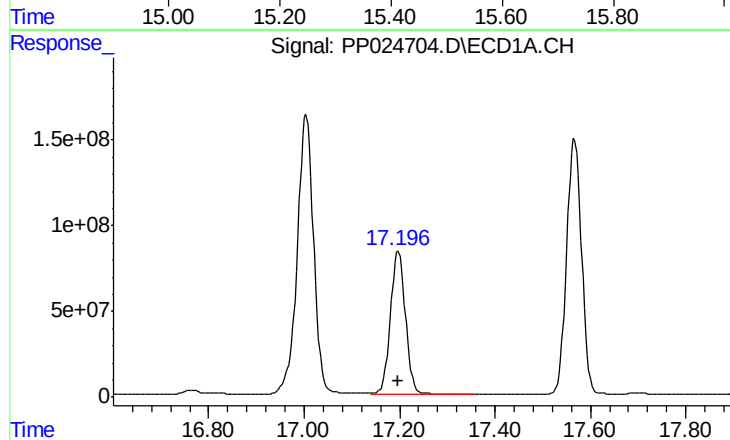
Manual Integrations  
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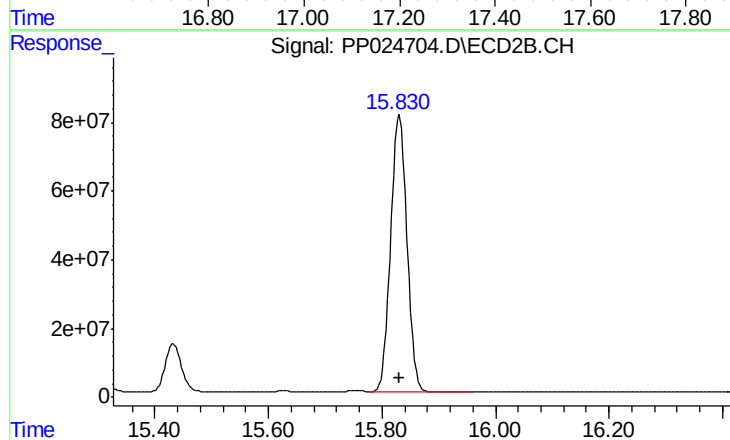
#13 2,4-DB

R.T.: 15.433 min  
Delta R.T.: -0.001 min  
Response: 275916267  
Conc: 651.79 ng/ml



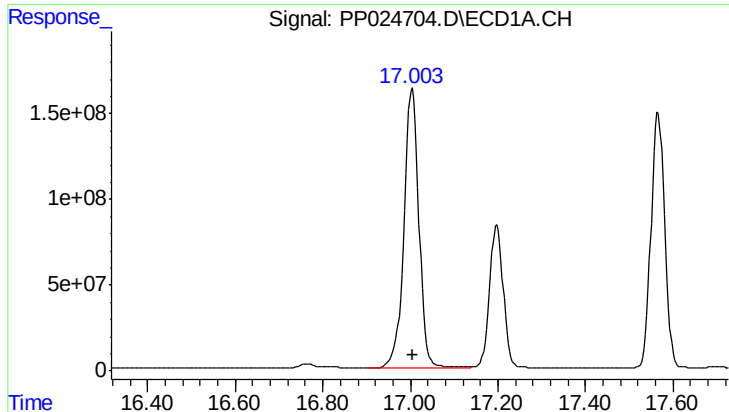
#14 DINOSEB

R.T.: 17.198 min  
Delta R.T.: 0.000 min  
Response: 1798701981  
Conc: 648.94 ng/ml



#14 DINOSEB

R.T.: 15.831 min  
Delta R.T.: 0.000 min  
Response: 1587625367  
Conc: 649.30 ng/ml



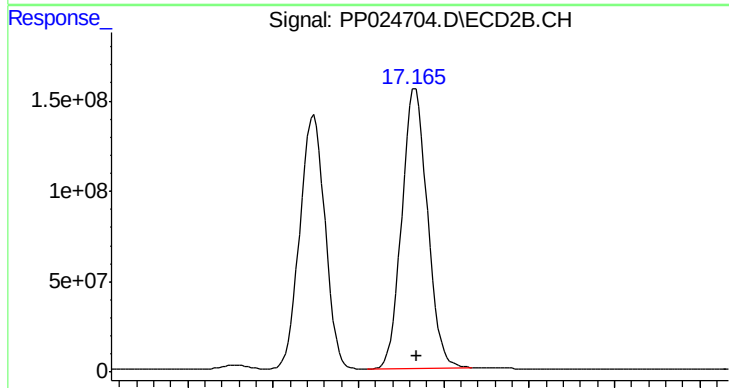
#15 Picloram

R.T.: 17.004 min  
Delta R.T.: -0.001 min  
Response: 3870111399  
Conc: 661.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP032918

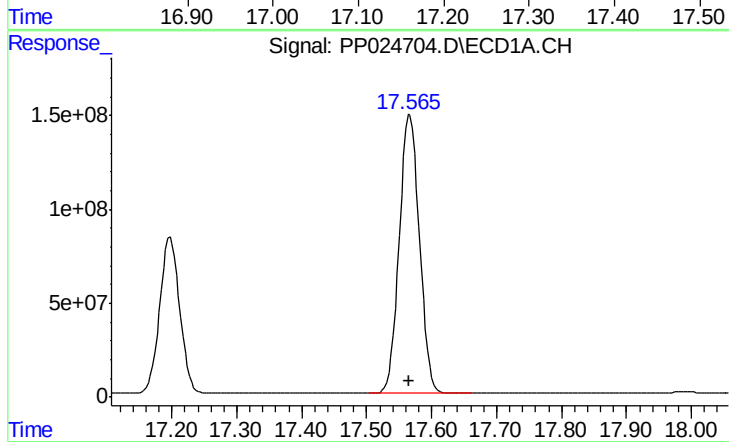
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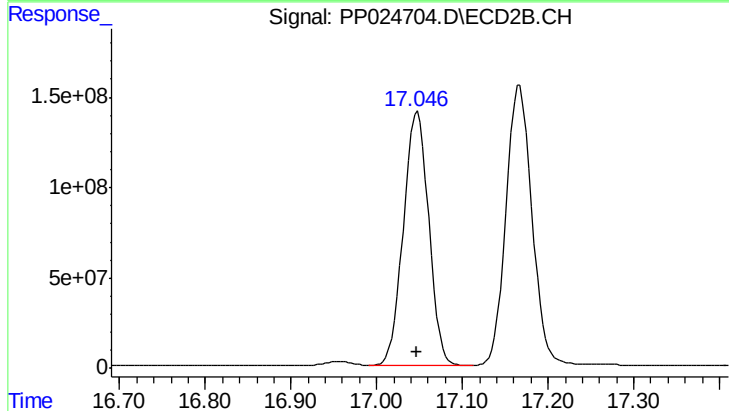
#15 Picloram

R.T.: 17.167 min  
Delta R.T.: -0.001 min  
Response: 3217329138  
Conc: 668.55 ng/ml



#16 DCPA

R.T.: 17.567 min  
Delta R.T.: 0.000 min  
Response: 3221668101  
Conc: 665.49 ng/ml



#16 DCPA

R.T.: 17.048 min  
Delta R.T.: 0.000 min  
Response: 2883740418  
Conc: 667.02 ng/ml