

Data Path : P:\HPCHEM1\ECD P\Data\PP041218\  
 Data File : PP025029.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Apr 2018 17:09  
 Operator : UA/AJ  
 Sample : J2161-02MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 OR-02-041018-AMSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 13 07:25:23 2018  
 Quant Method : P:\HPCHEM1\ECD\_P\methods\PP032918.M  
 Quant Title : 8080.M  
 QLast Update : Mon Apr 02 02:18:04 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   | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|----------|----------|----------|----------|
| -----                       |              |        |        |          |          |          |          |
| System Monitoring Compounds |              |        |        |          |          |          |          |
| 4) S                        | 2,4-DCAA     | 11.479 | 11.172 | 237.8E6  | 237.7E6  | 449.370m | 400.591  |
| Target Compounds            |              |        |        |          |          |          |          |
| 1) T                        | Dalapon      | 2.947  | 2.481  | 292.1E6  | 313.7E6  | 378.679  | 370.621  |
| 2) T                        | 3,5-DICHL... | 9.885  | 9.297  | 411.3E6  | 394.0E6  | 499.014  | 488.710  |
| 3) T                        | 4-Nitroph... | 11.059 | 10.332 | 3034410  | 12209271 | 8.288m   | 34.212 # |
| 5) T                        | DICAMBA      | 11.797 | 11.467 | 1265.5E6 | 1192.4E6 | 512.725m | 516.220  |
| 6) T                        | MCPD         | 12.137 | 11.672 | 106.2E6  | 73994502 | 68.071   | 51.604   |
| 7) T                        | MCPA         | 12.390 | 12.060 | 120.1E6  | 101.7E6  | 51.648   | 48.201m  |
| 8) T                        | DICHLORPROP  | 12.990 | 12.578 | 330.3E6  | 326.9E6  | 555.133  | 555.110  |
| 9) T                        | 2,4-D        | 13.351 | 13.062 | 404.5E6  | 411.1E6  | 552.194  | 541.595  |
| 10) T                       | Pentachlo... | 13.738 | 13.612 | 4513.0E6 | 4016.9E6 | 480.794  | 452.573  |
| 11) T                       | 2,4,5-TP ... | 14.610 | 14.213 | 2091.2E6 | 2008.7E6 | 495.760  | 540.515m |
| 12) T                       | 2,4,5-T      | 15.011 | 14.840 | 1869.8E6 | 1351.6E6 | 513.151  | 453.070  |
| 13) T                       | 2,4-DB       | 15.759 | 15.438 | 242.1E6  | 218.4E6  | 533.527  | 515.821  |
| 14) T                       | DINOSEB      | 17.230 | 15.835 | 903.7E6  | 771.9E6  | 326.028  | 315.674  |
| 15) T                       | Picloram     | 17.036 | 17.171 | 2533.4E6 | 2132.5E6 | 432.852  | 443.132  |
| 16) T                       | DCPA         | 17.599 | 17.052 | 1835.4E6 | 1637.1E6 | 379.134  | 378.665  |
| -----                       |              |        |        |          |          |          |          |

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

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Acq On : 12 Apr 2018 17:09  
Operator : UA/AJ  
Sample : J2161-02MSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

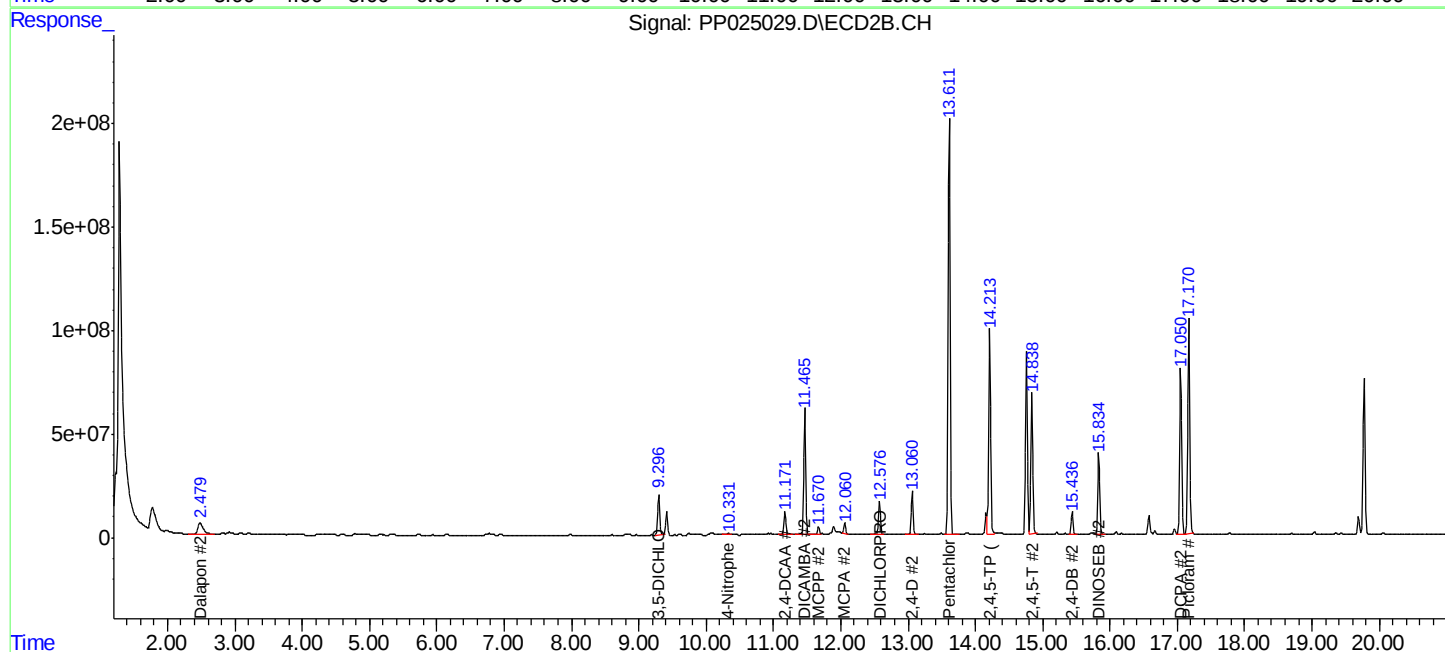
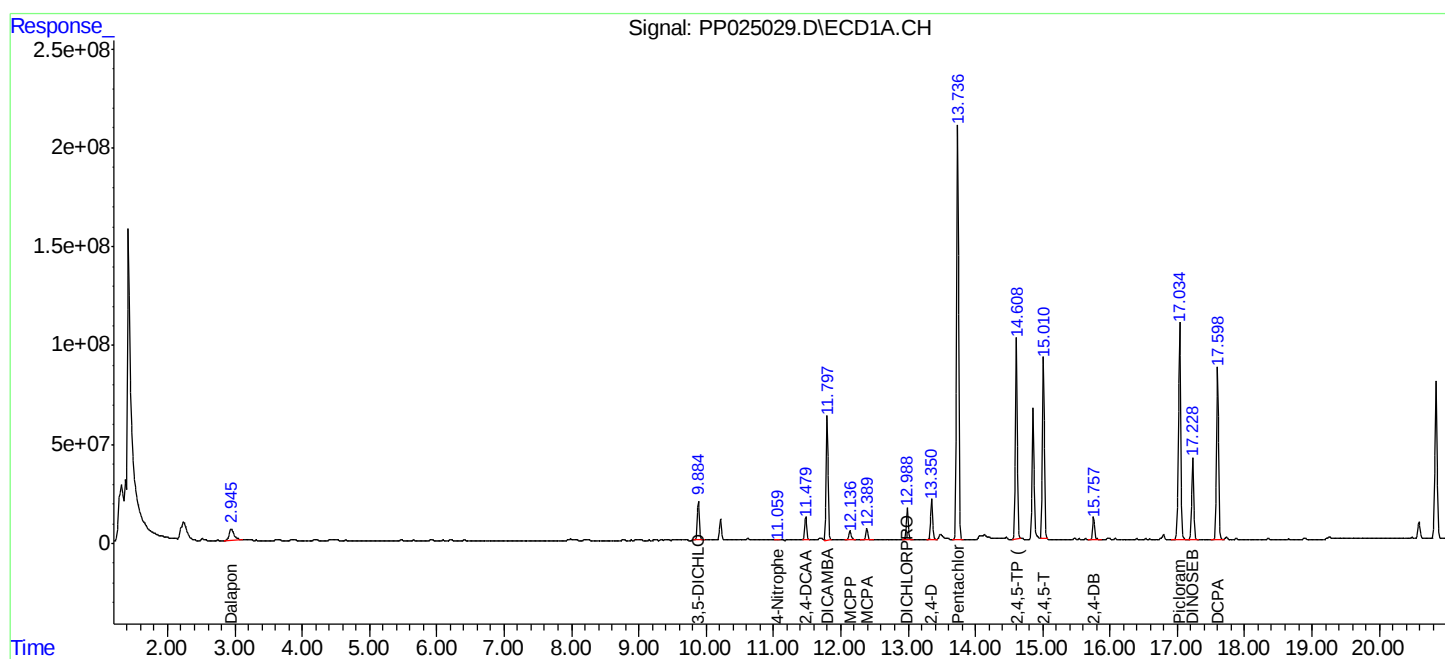
Instrument :  
ECD\_P  
ClientSampleId :  
OR-02-041018-AMSD

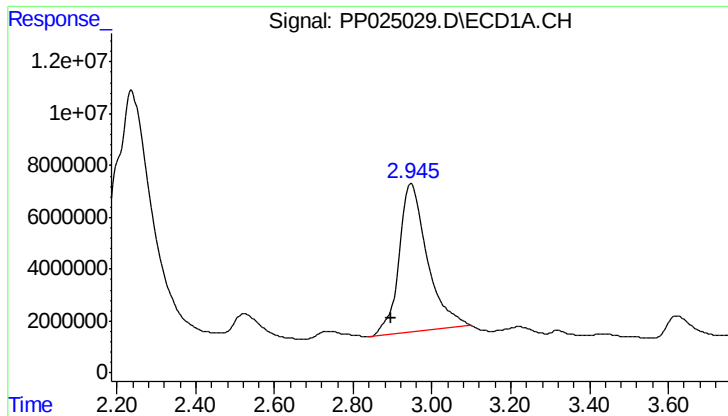
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 13 07:25:23 2018  
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QLast Update : Mon Apr 02 02:18:04 2018  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





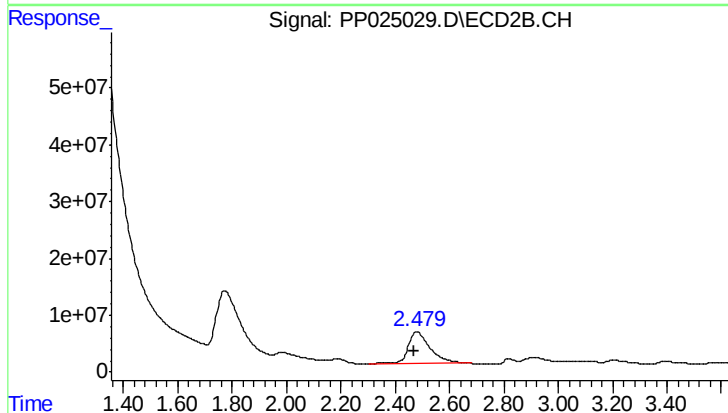
#1 Dalapon

R.T.: 2.947 min  
Delta R.T.: 0.051 min  
Response: 292100941  
Conc: 378.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OR-02-041018-AMSD

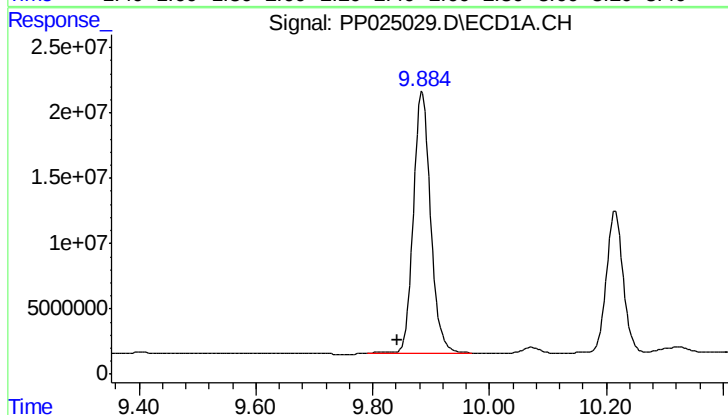
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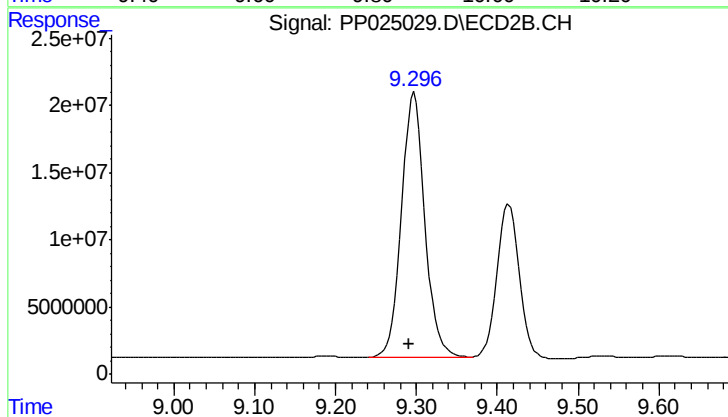
#1 Dalapon

R.T.: 2.481 min  
Delta R.T.: 0.010 min  
Response: 313730758  
Conc: 370.62 ng/ml



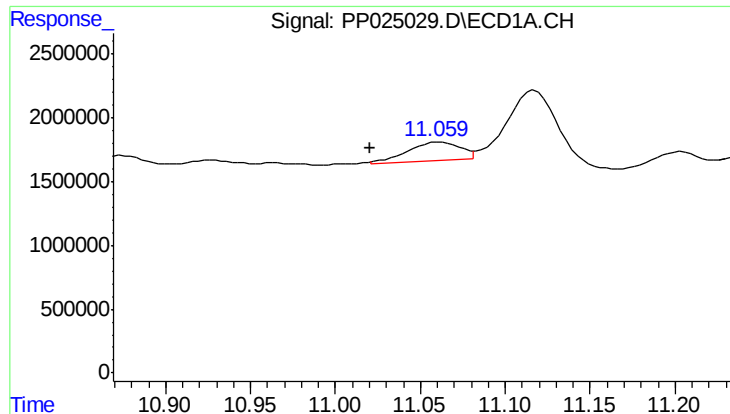
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.885 min  
Delta R.T.: 0.044 min  
Response: 411269291  
Conc: 499.01 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.297 min  
Delta R.T.: 0.006 min  
Response: 393967579  
Conc: 488.71 ng/ml



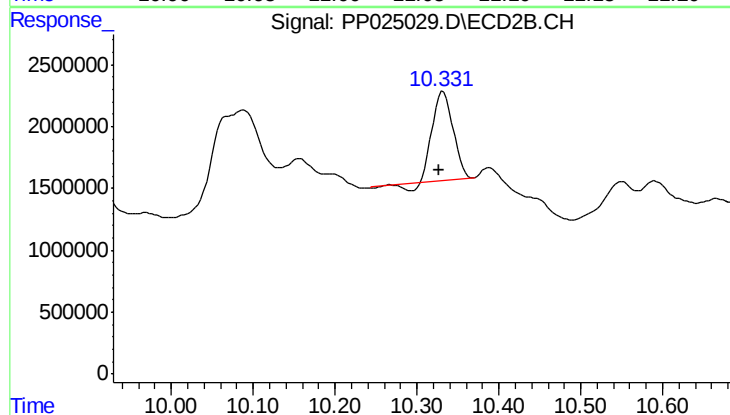
#3 4-Nitrophenol

R.T.: 11.059 min  
Delta R.T.: 0.039 min  
Response: 3034410  
Conc: 8.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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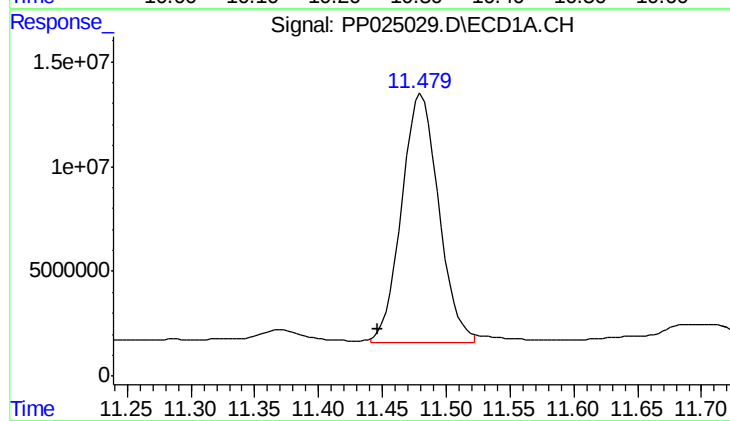
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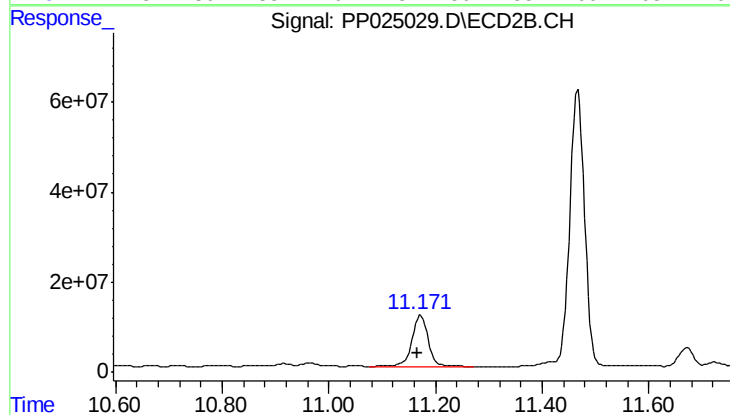
#3 4-Nitrophenol

R.T.: 10.332 min  
Delta R.T.: 0.005 min  
Response: 12209271  
Conc: 34.21 ng/ml



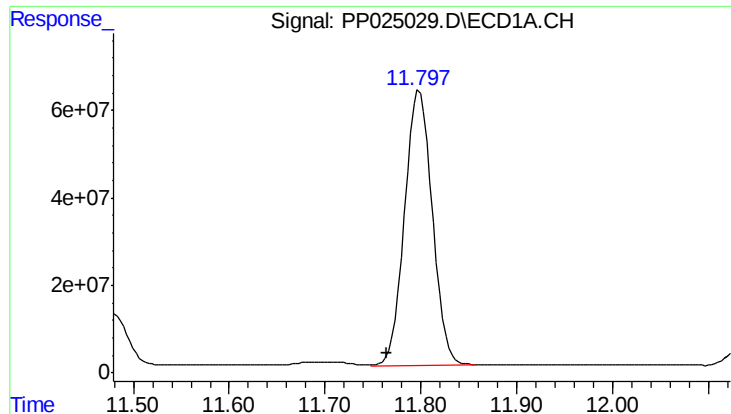
#4 2,4-DCAA

R.T.: 11.479 min  
Delta R.T.: 0.033 min  
Response: 237839304  
Conc: 449.37 ng/ml m



#4 2,4-DCAA

R.T.: 11.172 min  
Delta R.T.: 0.005 min  
Response: 237715729  
Conc: 400.59 ng/ml



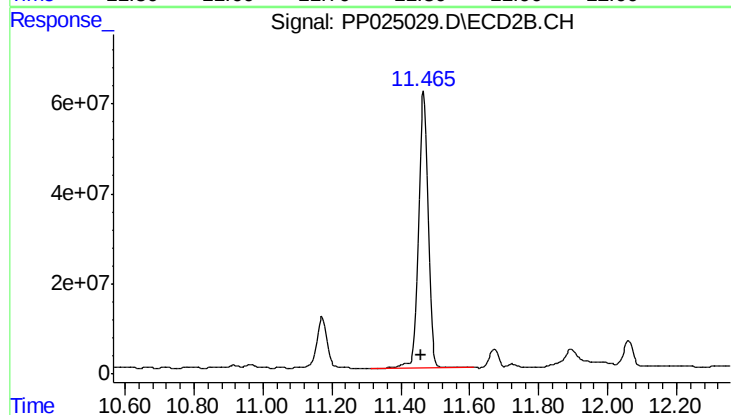
#5 DICAMBA

R.T.: 11.797 min  
Delta R.T.: 0.032 min  
Response: 1265499187  
Conc: 512.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OR-02-041018-AMSD

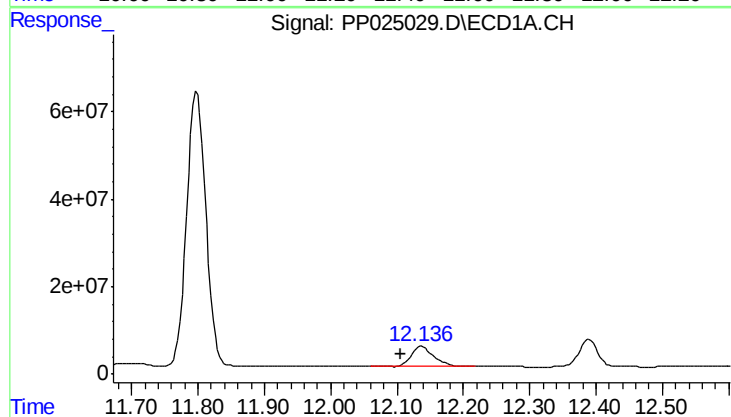
Manual Integrations  
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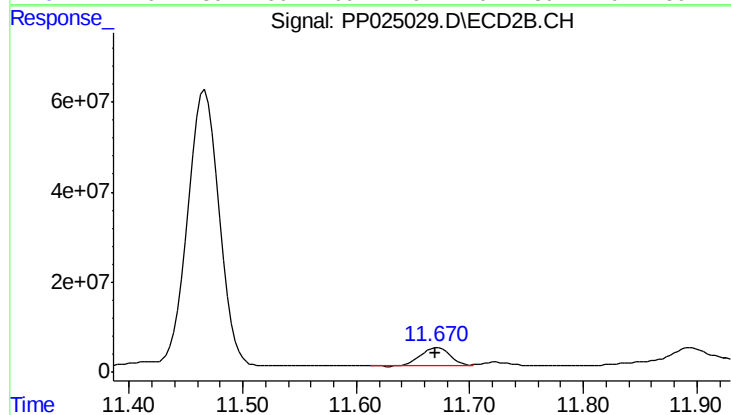
#5 DICAMBA

R.T.: 11.467 min  
Delta R.T.: 0.006 min  
Response: 1192356732  
Conc: 516.22 ng/ml



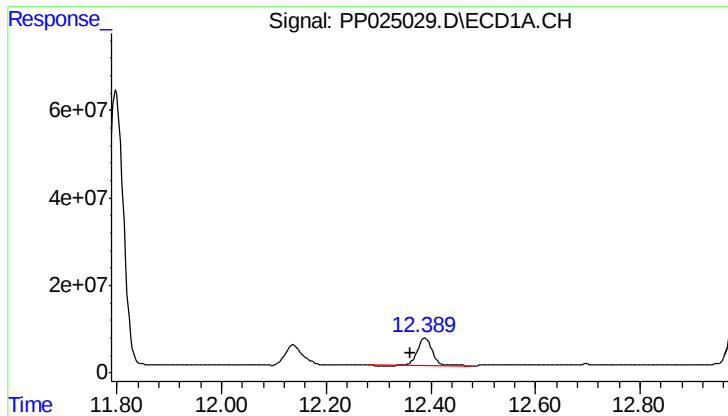
#6 MCP

R.T.: 12.137 min  
Delta R.T.: 0.032 min  
Response: 106171980  
Conc: 68.07 ug/ml



#6 MCP

R.T.: 11.672 min  
Delta R.T.: 0.002 min  
Response: 73994502  
Conc: 51.60 ug/ml



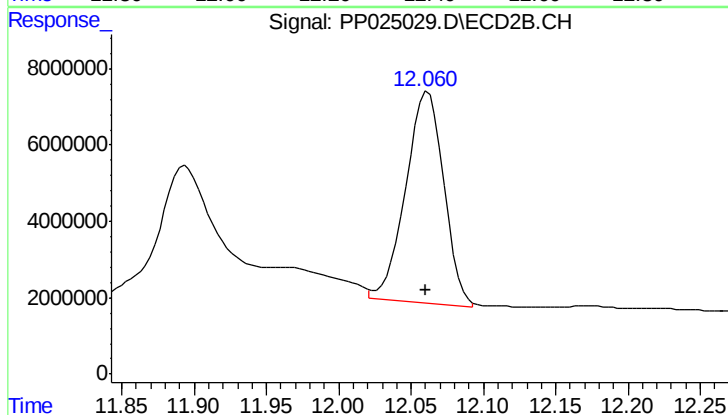
#7 MCPA

R.T.: 12.390 min  
Delta R.T.: 0.028 min  
Response: 120126694  
Conc: 51.65 ug/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OR-02-041018-AMSD

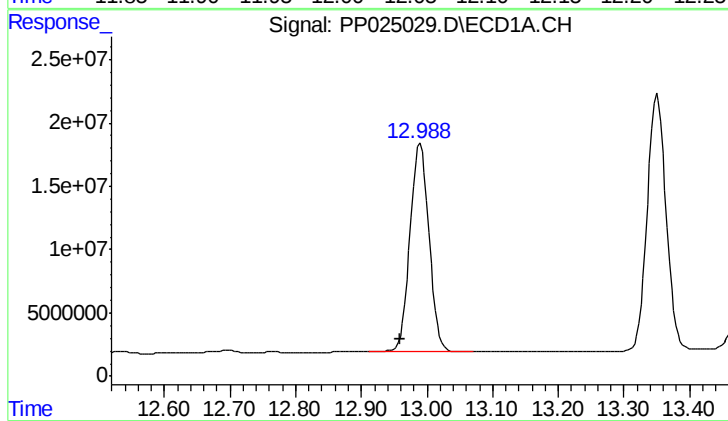
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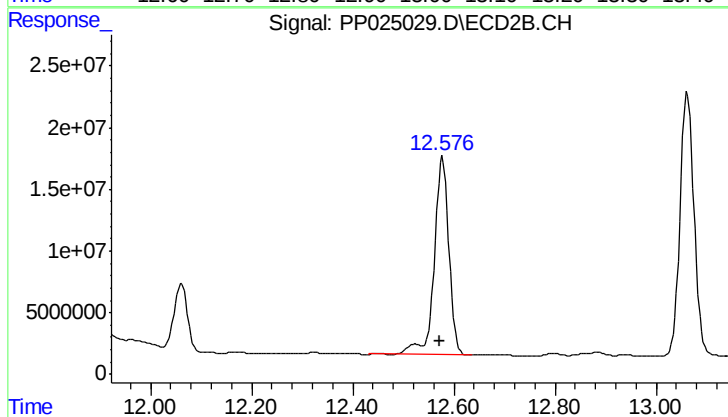
#7 MCPA

R.T.: 12.060 min  
Delta R.T.: 0.000 min  
Response: 101693723  
Conc: 48.20 ug/ml m



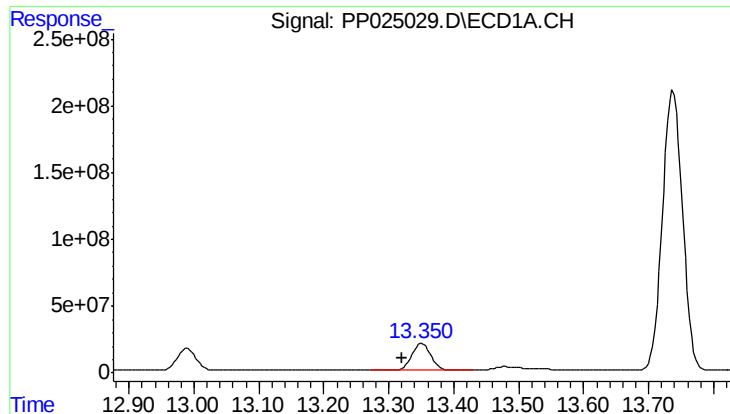
#8 DICHLORPROP

R.T.: 12.990 min  
Delta R.T.: 0.031 min  
Response: 330278426  
Conc: 555.13 ng/ml



#8 DICHLORPROP

R.T.: 12.578 min  
Delta R.T.: 0.004 min  
Response: 326914861  
Conc: 555.11 ng/ml



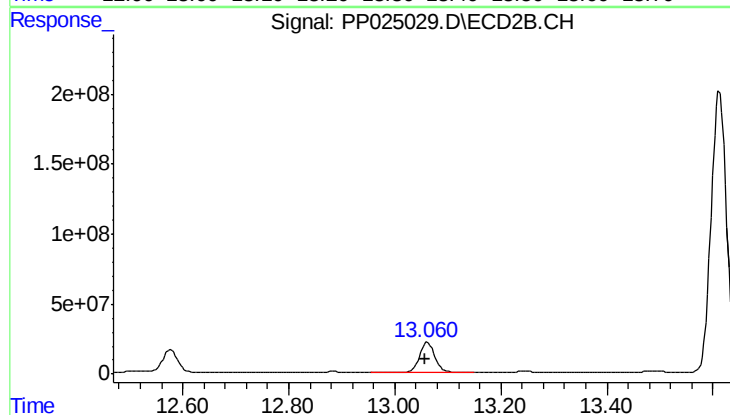
#9 2,4-D

R.T.: 13.351 min  
Delta R.T.: 0.030 min  
Response: 404499818  
Conc: 552.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OR-02-041018-AMSD

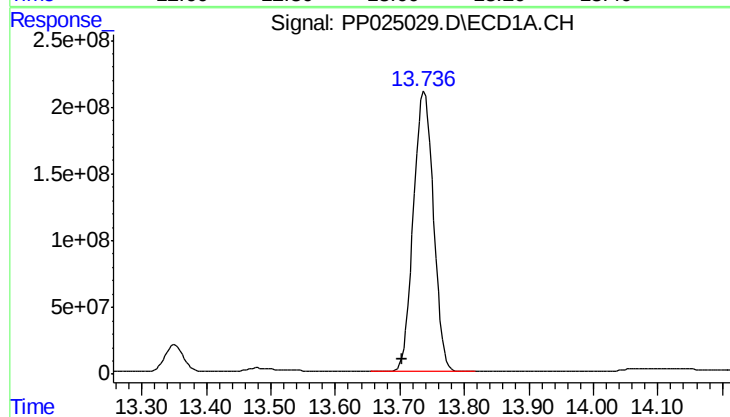
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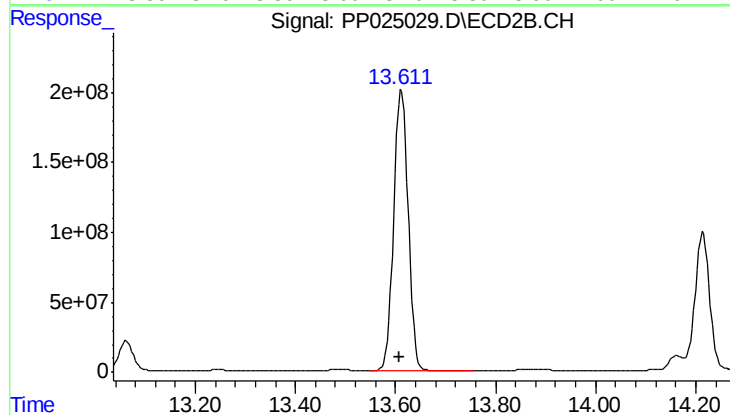
#9 2,4-D

R.T.: 13.062 min  
Delta R.T.: 0.004 min  
Response: 411148764  
Conc: 541.59 ng/ml



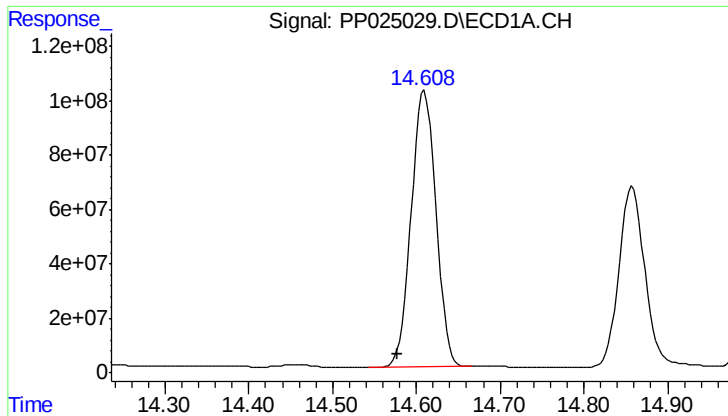
#10 Pentachlorophenol

R.T.: 13.738 min  
Delta R.T.: 0.034 min  
Response: 4512970837  
Conc: 480.79 ng/ml



#10 Pentachlorophenol

R.T.: 13.612 min  
Delta R.T.: 0.005 min  
Response: 4016914463  
Conc: 452.57 ng/ml



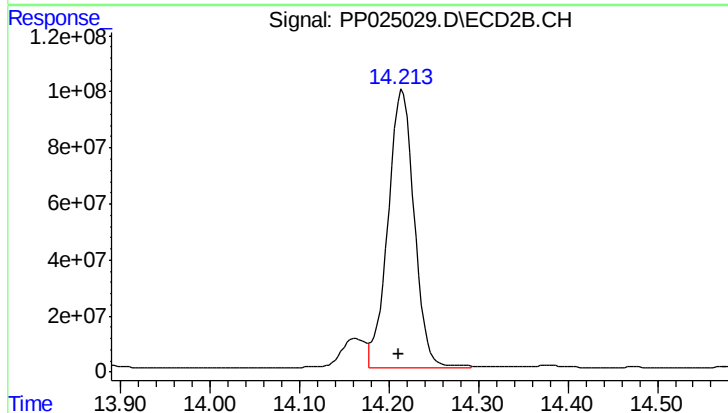
#11 2,4,5-TP (SILVEX)

R.T.: 14.610 min  
Delta R.T.: 0.032 min  
Response: 2091201019  
Conc: 495.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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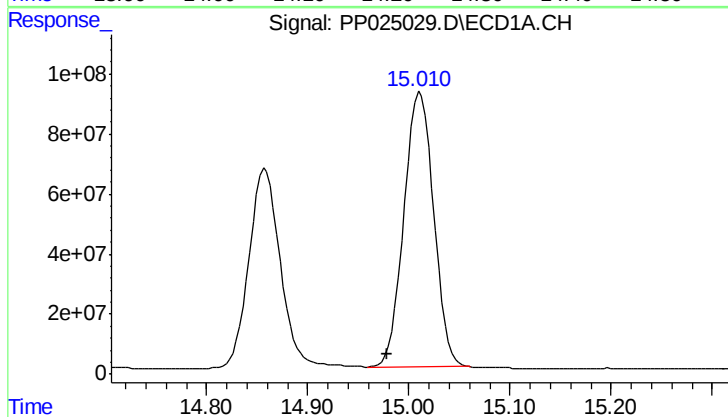
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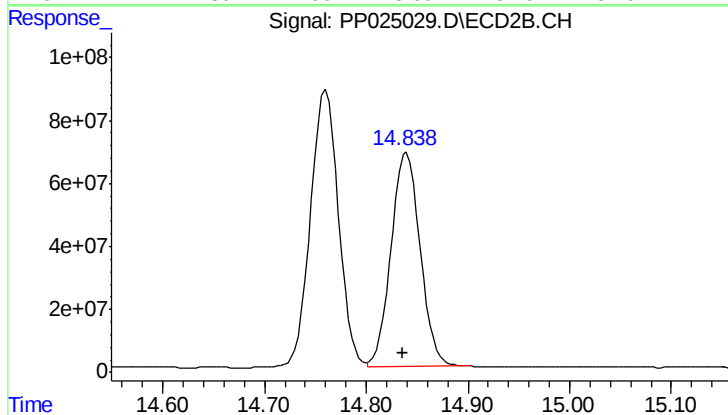
#11 2,4,5-TP (SILVEX)

R.T.: 14.213 min  
Delta R.T.: 0.003 min  
Response: 2008747037  
Conc: 540.51 ng/ml m



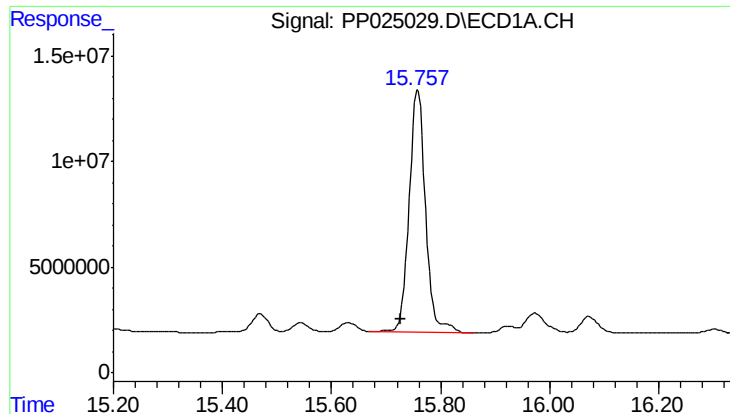
#12 2,4,5-T

R.T.: 15.011 min  
Delta R.T.: 0.032 min  
Response: 1869827467  
Conc: 513.15 ng/ml



#12 2,4,5-T

R.T.: 14.840 min  
Delta R.T.: 0.004 min  
Response: 1351645625  
Conc: 453.07 ng/ml



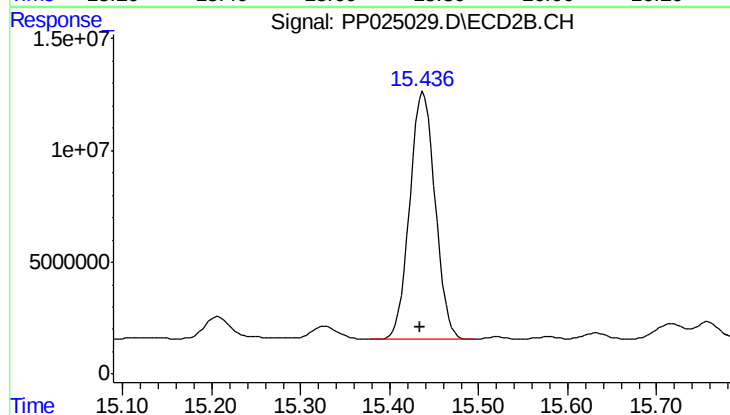
#13 2,4-DB

R.T.: 15.759 min  
Delta R.T.: 0.033 min  
Response: 242110701  
Conc: 533.53 ng/ml

Instrument :  
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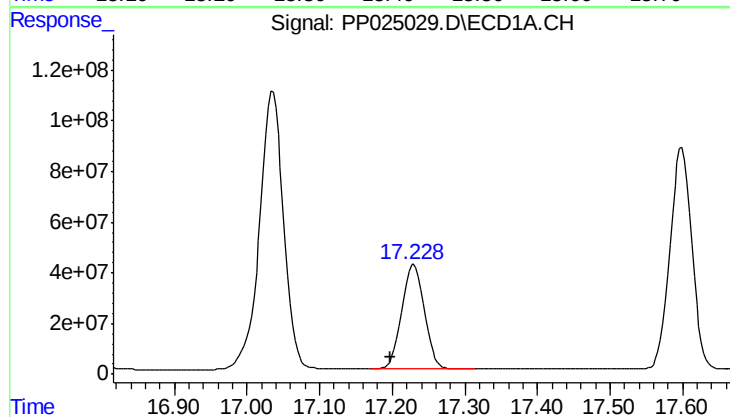
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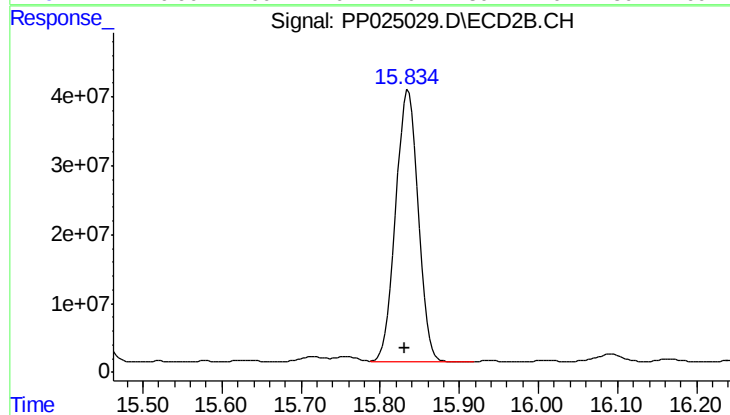
#13 2,4-DB

R.T.: 15.438 min  
Delta R.T.: 0.004 min  
Response: 218358998  
Conc: 515.82 ng/ml



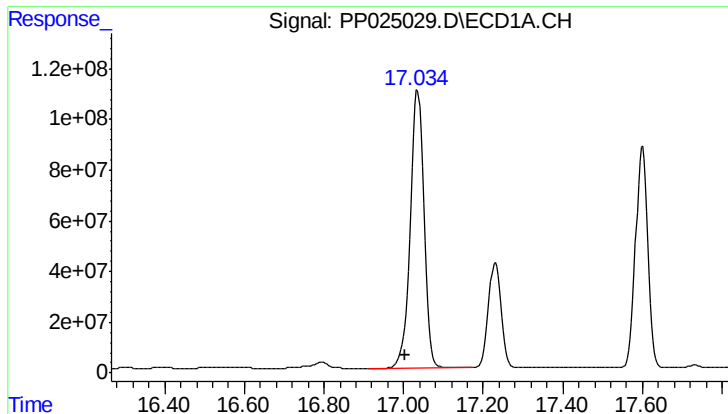
#14 DINOSEB

R.T.: 17.230 min  
Delta R.T.: 0.032 min  
Response: 903666210  
Conc: 326.03 ng/ml



#14 DINOSEB

R.T.: 15.835 min  
Delta R.T.: 0.004 min  
Response: 771861451  
Conc: 315.67 ng/ml



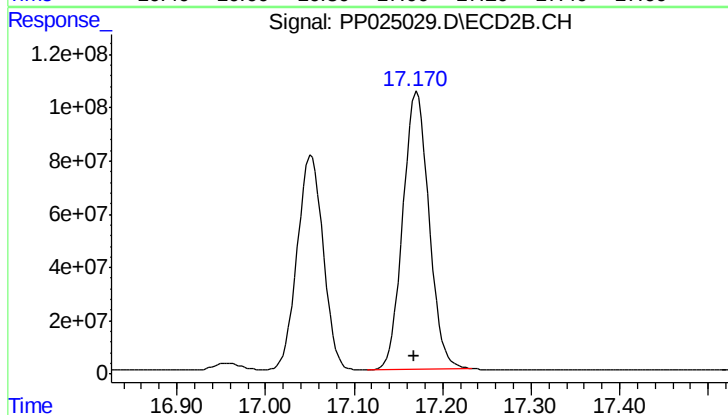
#15 Picloram

R.T.: 17.036 min  
Delta R.T.: 0.031 min  
Response: 2533353983  
Conc: 432.85 ng/ml

Instrument :  
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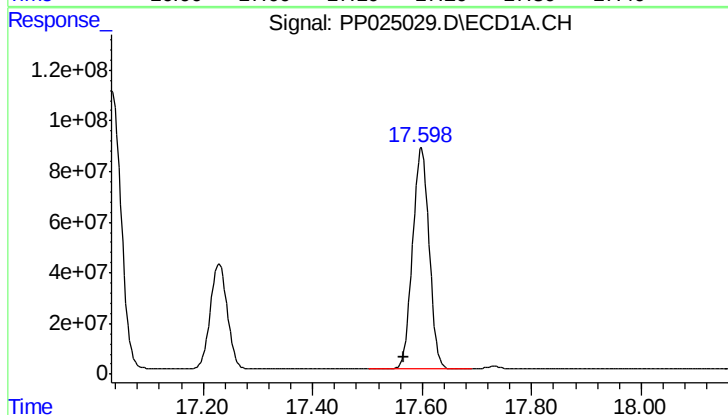
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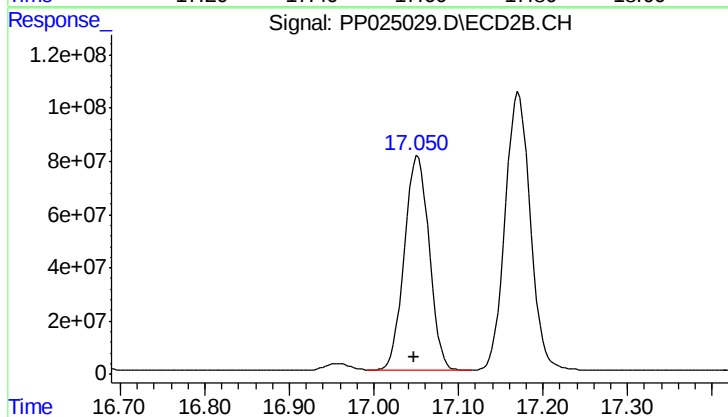
#15 Picloram

R.T.: 17.171 min  
Delta R.T.: 0.004 min  
Response: 2132532157  
Conc: 443.13 ng/ml



#16 DCPA

R.T.: 17.599 min  
Delta R.T.: 0.032 min  
Response: 1835415511  
Conc: 379.13 ng/ml



#16 DCPA

R.T.: 17.052 min  
Delta R.T.: 0.004 min  
Response: 1637079715  
Conc: 378.67 ng/ml