

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD P\Data\PP082018\  
 Data File : PP027095.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Aug 2018 20:23  
 Operator : EI\MA  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Sohil  
 8/21/2018 11:19:47 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 21 07:09:01 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP073018.M  
 Quant Title : 8080.M  
 QLast Update : Tue Jul 31 01:31:14 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-CLPesticides-1 Signal #2 Phase: ZB-CLPesticides-2  
 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     | 12.044 | 12.156 | 178.1E6  | 298.8E6  | 745.681  | 737.919  |
| Target Compounds            |              |        |        |          |          |          |          |
| 1) T                        | Dalapon      | 3.311  | 2.982  | 383.9E6  | 364.5E6  | 653.424  | 648.807  |
| 2) T                        | 3,5-DICHL... | 10.458 | 10.248 | 307.5E6  | 367.8E6  | 668.118  | 687.376  |
| 3) T                        | 4-Nitroph... | 11.618 | 11.297 | 298.6E6  | 169.4E6  | 651.049  | 699.241  |
| 5) T                        | DICAMBA      | 12.365 | 12.468 | 966.6E6  | 1132.4E6 | 684.269m | 695.846  |
| 6) T                        | MCPD         | 12.708 | 12.661 | 29921056 | 64361132 | 77.122m  | 74.683   |
| 7) T                        | MCPA         | 12.953 | 13.050 | 46818117 | 94602143 | 69.770   | 75.207   |
| 8) T                        | DICHLORPROP  | 13.561 | 13.580 | 199.7E6  | 266.1E6  | 631.709m | 685.491m |
| 9) T                        | 2,4-D        | 13.910 | 14.065 | 271.7E6  | 371.0E6  | 695.316  | 703.540  |
| 10) T                       | Pentachlo... | 14.328 | 14.679 | 5307.3E6 | 4680.6E6 | 697.323m | 701.678  |
| 11) T                       | 2,4,5-TP ... | 15.191 | 15.249 | 2004.7E6 | 1844.4E6 | 698.720  | 710.698  |
| 12) T                       | 2,4,5-T      | 15.578 | 15.886 | 1763.1E6 | 1549.5E6 | 690.939m | 711.229  |
| 13) T                       | 2,4-DB       | 16.340 | 16.489 | 135.9E6  | 201.0E6  | 621.677m | 705.480  |
| 14) T                       | DINOSEB      | 17.830 | 16.884 | 1360.1E6 | 1272.2E6 | 672.508m | 704.915  |
| 15) T                       | Picloram     | 17.587 | 18.255 | 2750.2E6 | 2375.6E6 | 665.910  | 688.785  |
| 16) T                       | DCPA         | 18.196 | 18.143 | 2815.3E6 | 2292.0E6 | 701.839  | 712.155  |
| -----                       |              |        |        |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD P\Data\PP082018\  
Data File : PP027095.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Aug 2018 20:23  
Operator : EI\MA  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

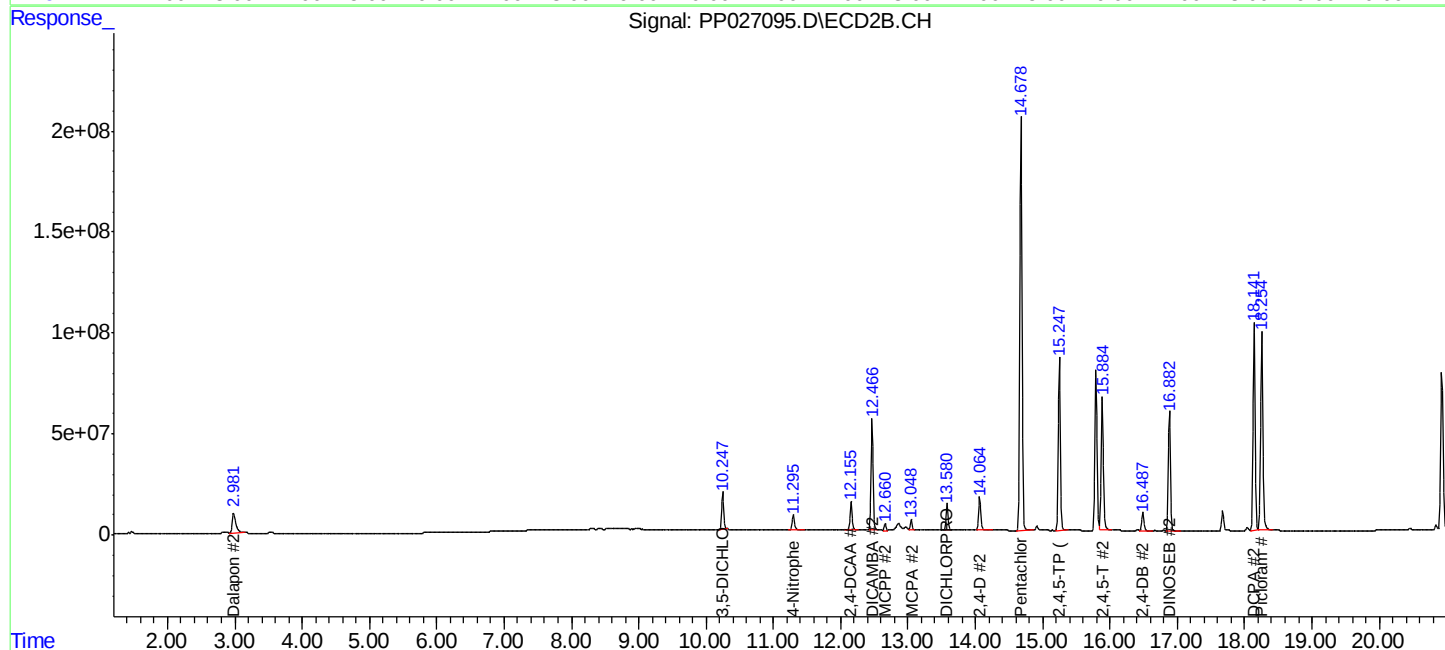
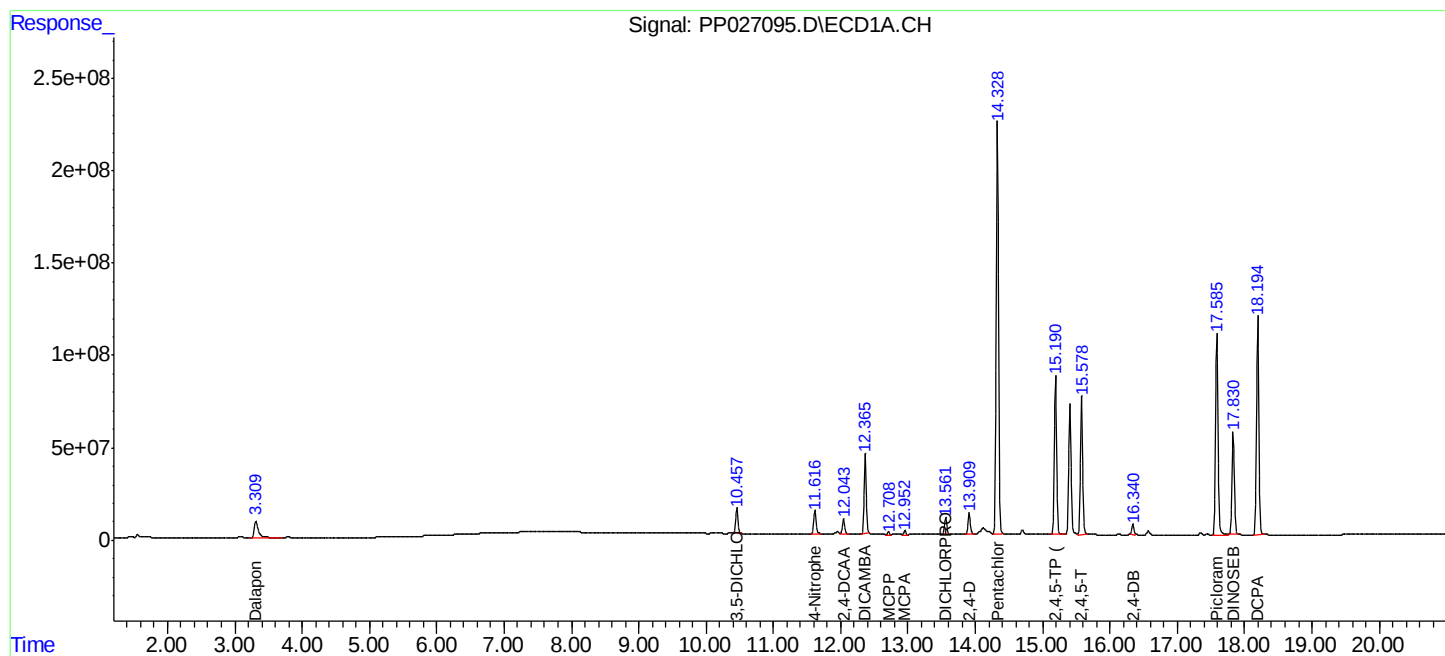
Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

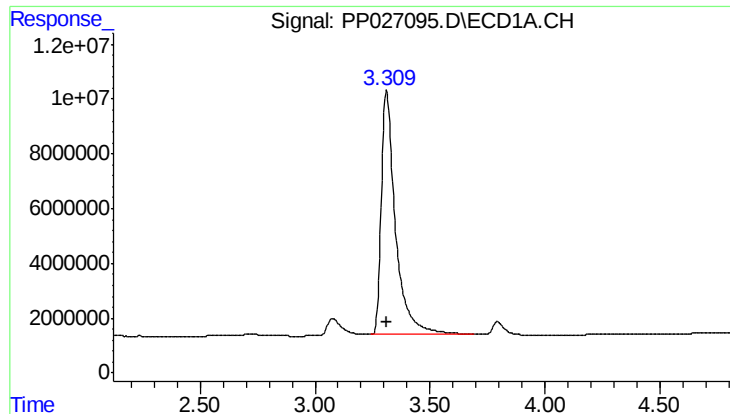
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:19:47 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 07:09:01 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP073018.M  
Quant Title : 8080.M  
QLast Update : Tue Jul 31 01:31:14 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





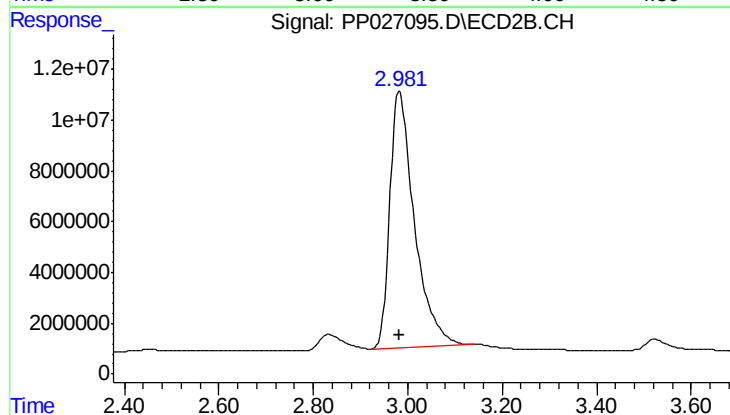
#1 Dalapon

R.T.: 3.311 min  
Delta R.T.: 0.000 min  
Response: 383895368  
Conc: 653.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

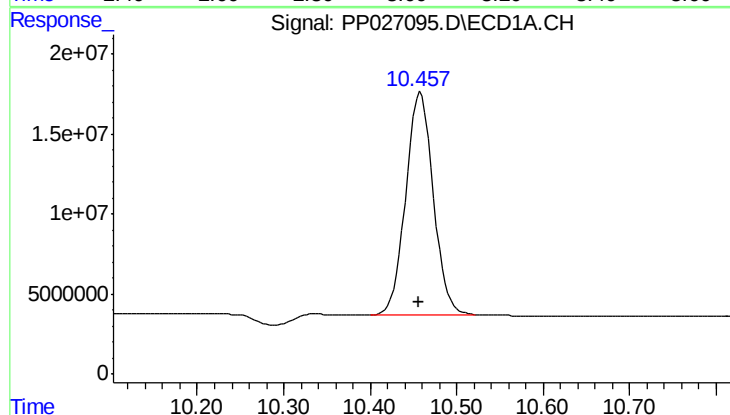
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:19:47 AM



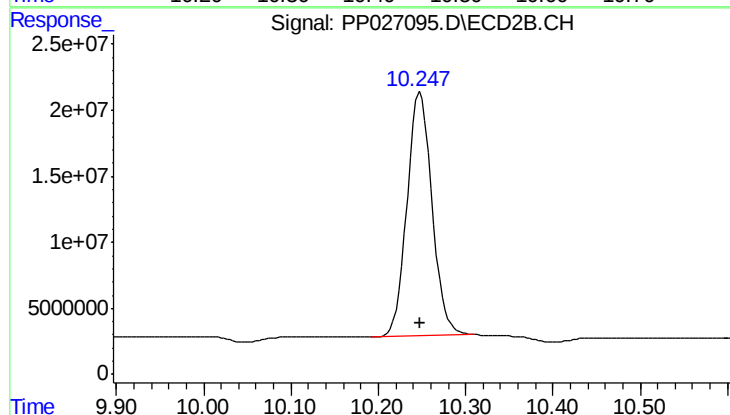
#1 Dalapon

R.T.: 2.982 min  
Delta R.T.: 0.000 min  
Response: 364525951  
Conc: 648.81 ng/ml



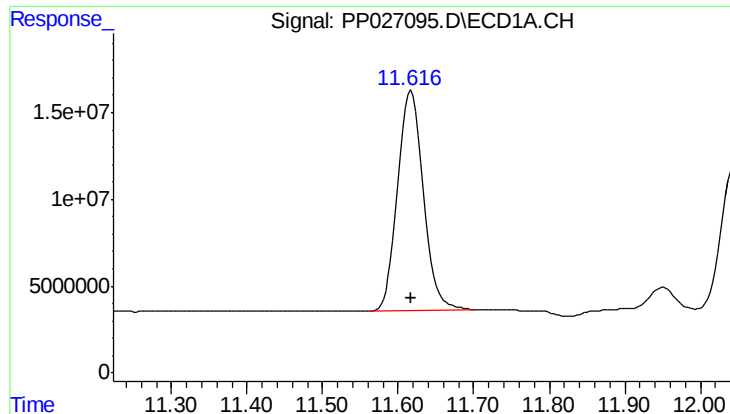
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.458 min  
Delta R.T.: 0.001 min  
Response: 307528798  
Conc: 668.12 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.248 min  
Delta R.T.: 0.000 min  
Response: 367758348  
Conc: 687.38 ng/ml



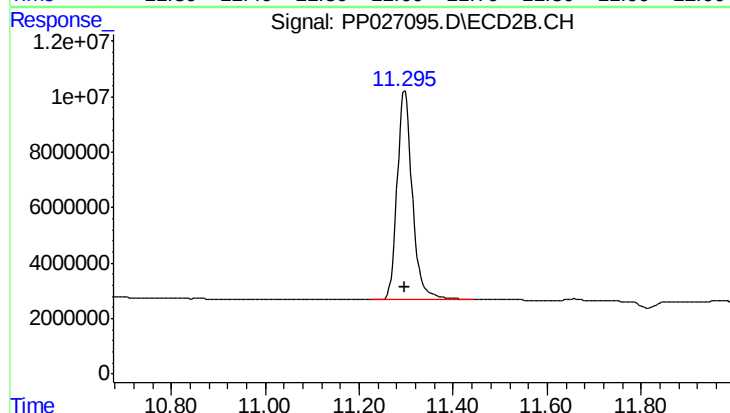
#3 4-Nitrophenol

R.T.: 11.618 min  
Delta R.T.: 0.001 min  
Response: 298618406  
Conc: 651.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

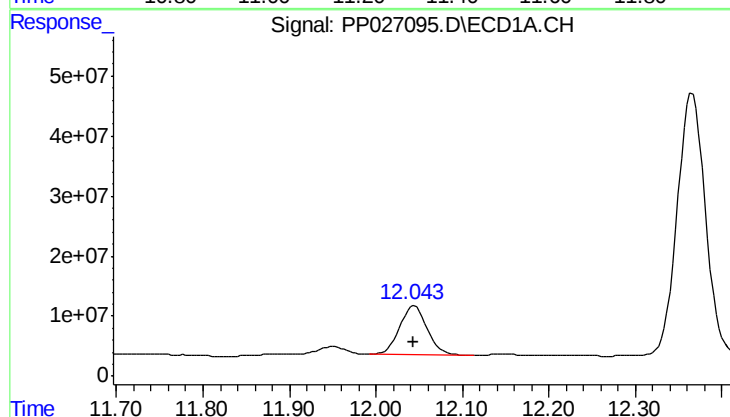
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:19:47 AM



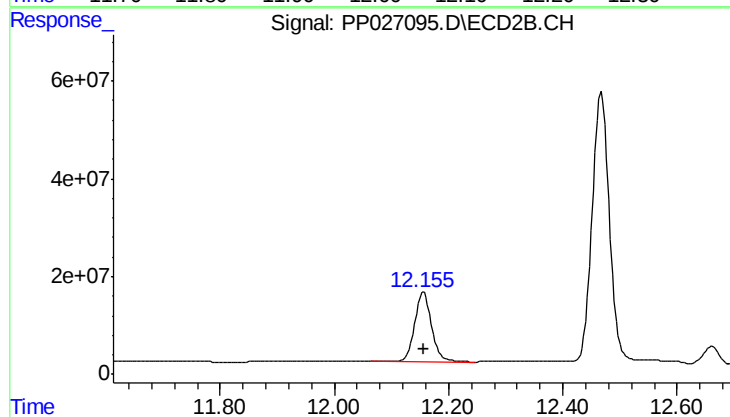
#3 4-Nitrophenol

R.T.: 11.297 min  
Delta R.T.: 0.001 min  
Response: 169386961  
Conc: 699.24 ng/ml



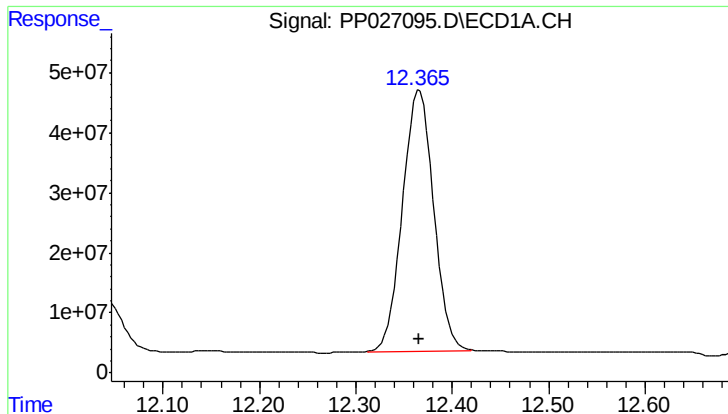
#4 2,4-DCAA

R.T.: 12.044 min  
Delta R.T.: 0.000 min  
Response: 178085623  
Conc: 745.68 ng/ml



#4 2,4-DCAA

R.T.: 12.156 min  
Delta R.T.: 0.000 min  
Response: 298807128  
Conc: 737.92 ng/ml



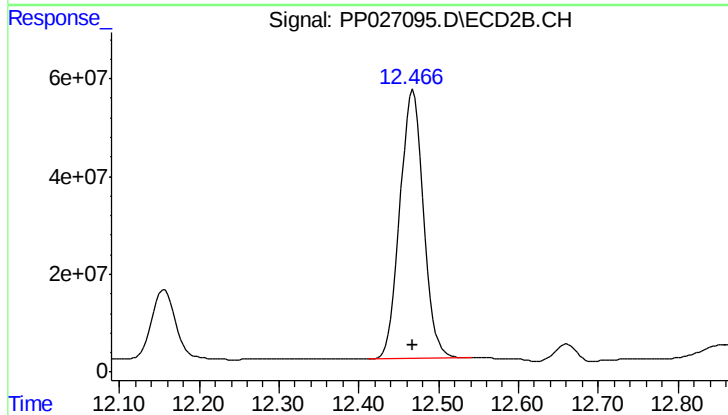
#5 DICAMBA

R.T.: 12.365 min  
Delta R.T.: 0.000 min  
Response: 966614218  
Conc: 684.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

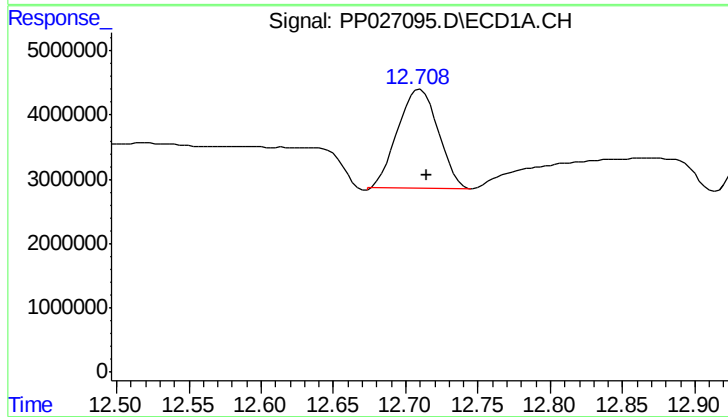
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:19:47 AM



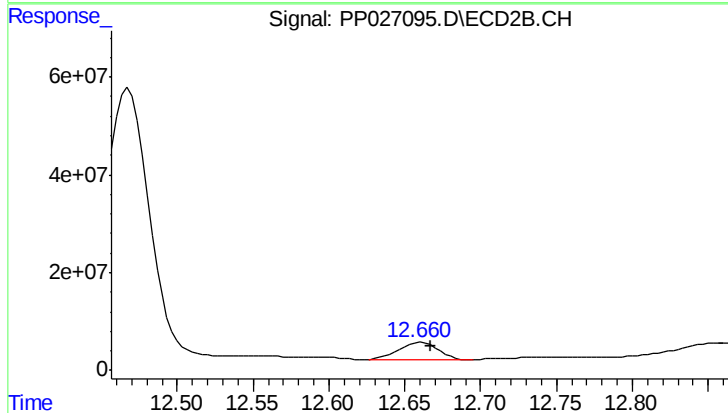
#5 DICAMBA

R.T.: 12.468 min  
Delta R.T.: 0.000 min  
Response: 1132376866  
Conc: 695.85 ng/ml



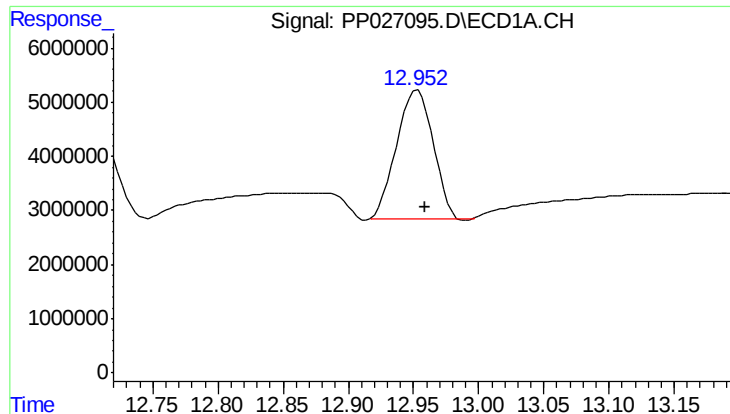
#6 MCP

R.T.: 12.708 min  
Delta R.T.: -0.006 min  
Response: 29921056  
Conc: 77.12 ug/ml m



#6 MCP

R.T.: 12.661 min  
Delta R.T.: -0.006 min  
Response: 64361132  
Conc: 74.68 ug/ml



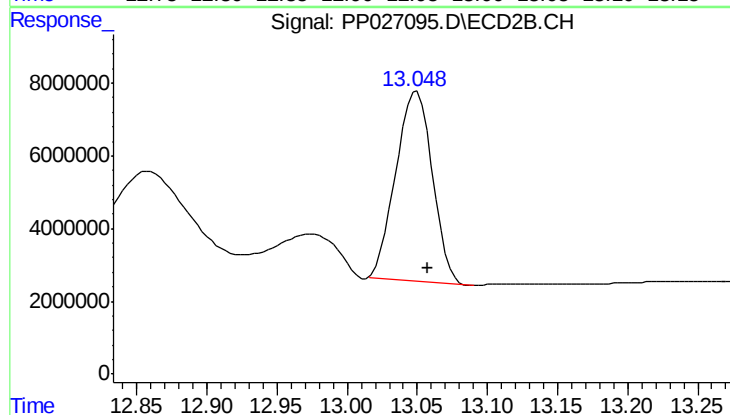
#7 MCPA

R.T.: 12.953 min  
Delta R.T.: -0.006 min  
Response: 46818117  
Conc: 69.77 ug/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

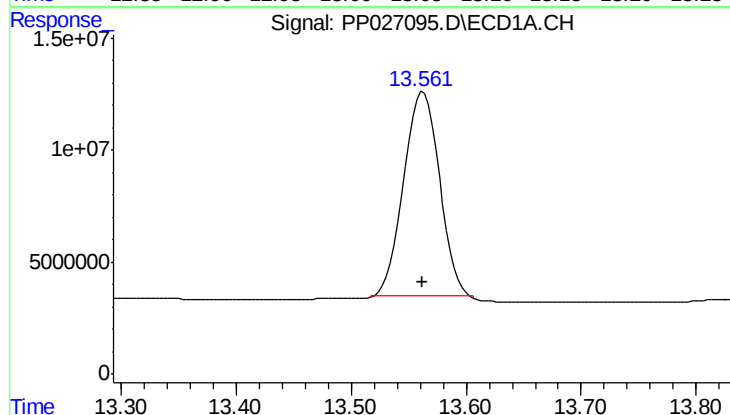
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:19:47 AM



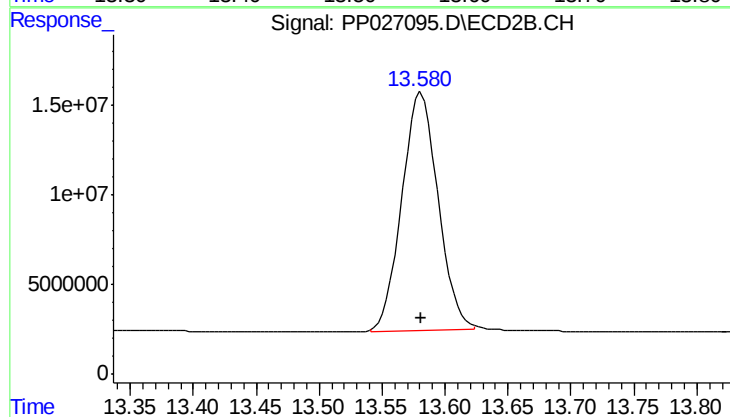
#7 MCPA

R.T.: 13.050 min  
Delta R.T.: -0.008 min  
Response: 94602143  
Conc: 75.21 ug/ml



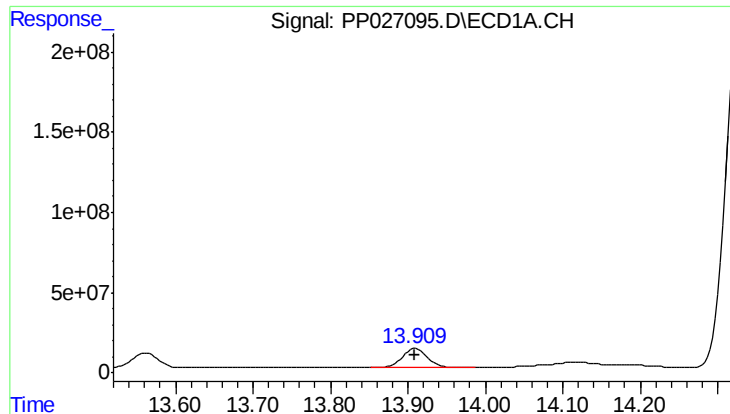
#8 DICHLORPROP

R.T.: 13.561 min  
Delta R.T.: 0.000 min  
Response: 199662630  
Conc: 631.71 ng/ml m



#8 DICHLORPROP

R.T.: 13.580 min  
Delta R.T.: -0.002 min  
Response: 266055975  
Conc: 685.49 ng/ml m



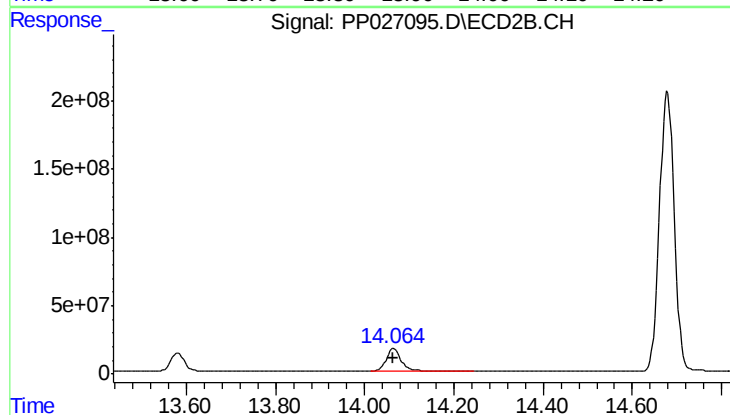
#9 2,4-D

R.T.: 13.910 min  
Delta R.T.: 0.000 min  
Response: 271671358  
Conc: 695.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

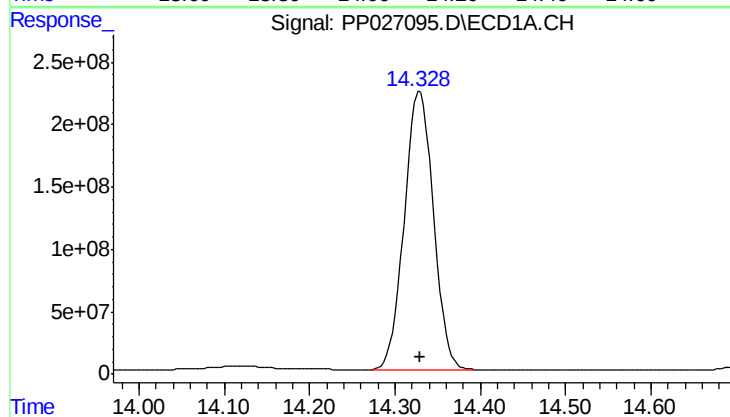
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:19:47 AM



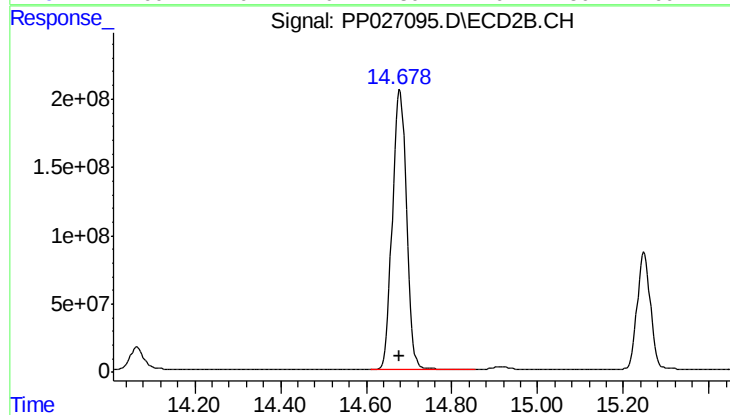
#9 2,4-D

R.T.: 14.065 min  
Delta R.T.: 0.000 min  
Response: 371046283  
Conc: 703.54 ng/ml



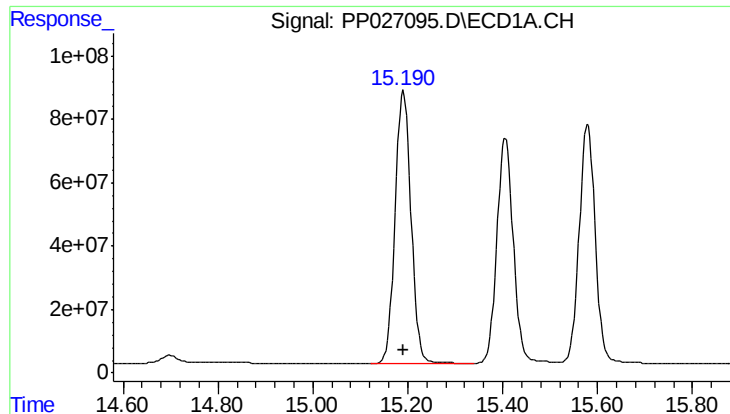
#10 Pentachlorophenol

R.T.: 14.328 min  
Delta R.T.: -0.001 min  
Response: 5307279787  
Conc: 697.32 ng/ml m



#10 Pentachlorophenol

R.T.: 14.679 min  
Delta R.T.: 0.000 min  
Response: 4680639020  
Conc: 701.68 ng/ml



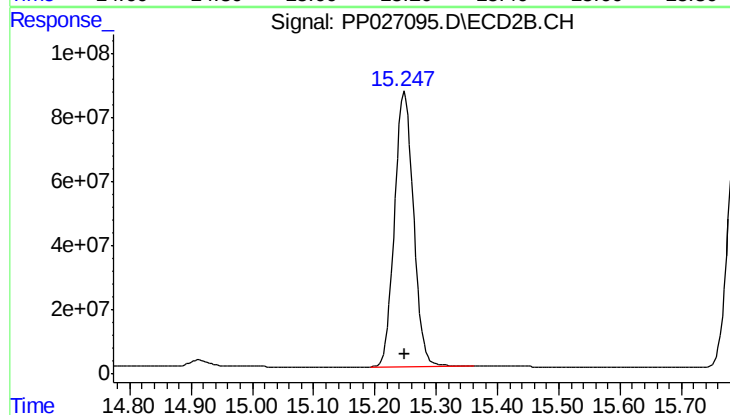
#11 2,4,5-TP (SILVEX)

R.T.: 15.191 min  
Delta R.T.: 0.000 min  
Response: 2004669263  
Conc: 698.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

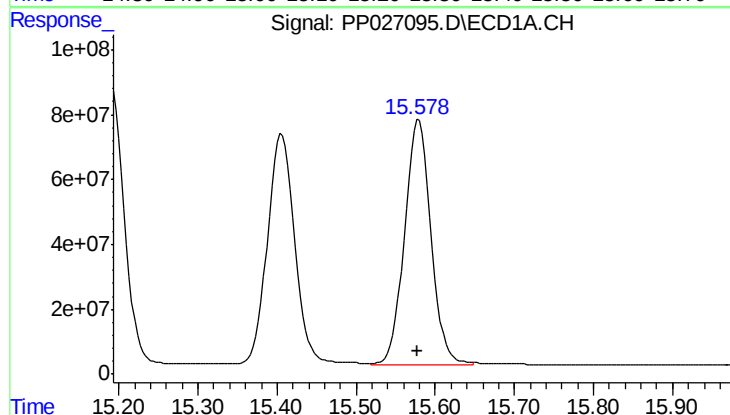
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:19:47 AM



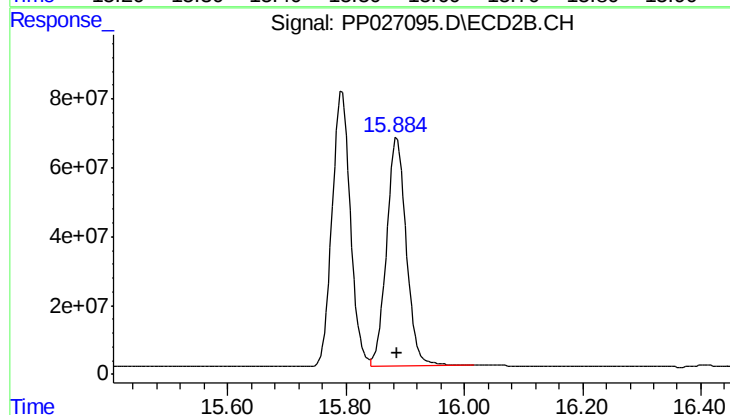
#11 2,4,5-TP (SILVEX)

R.T.: 15.249 min  
Delta R.T.: 0.000 min  
Response: 1844352835  
Conc: 710.70 ng/ml



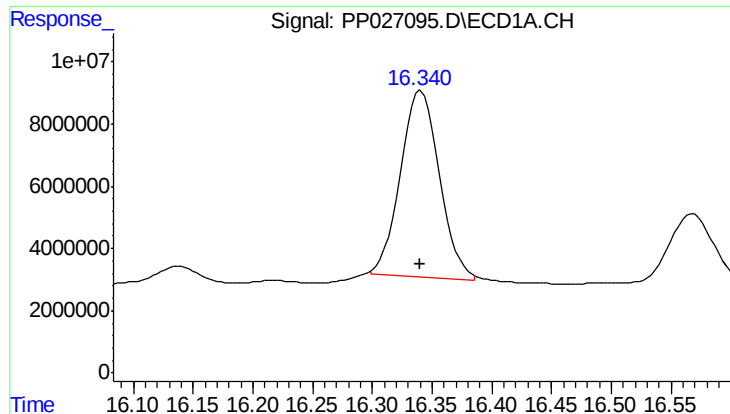
#12 2,4,5-T

R.T.: 15.578 min  
Delta R.T.: 0.000 min  
Response: 1763076249  
Conc: 690.94 ng/ml m



#12 2,4,5-T

R.T.: 15.886 min  
Delta R.T.: 0.000 min  
Response: 1549497157  
Conc: 711.23 ng/ml



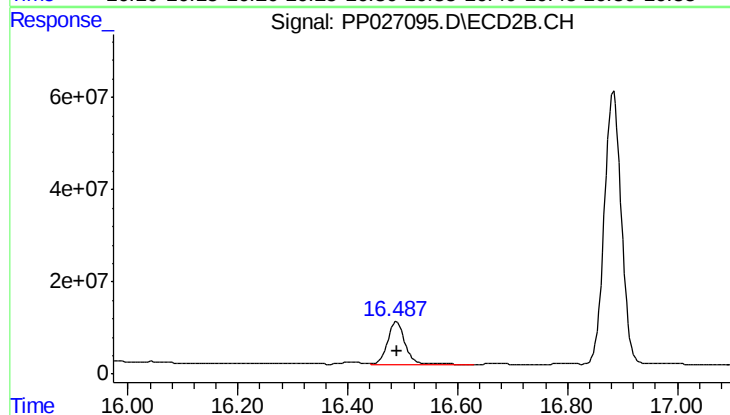
#13 2,4-DB

R.T.: 16.340 min  
Delta R.T.: 0.000 min  
Response: 135939994  
Conc: 621.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

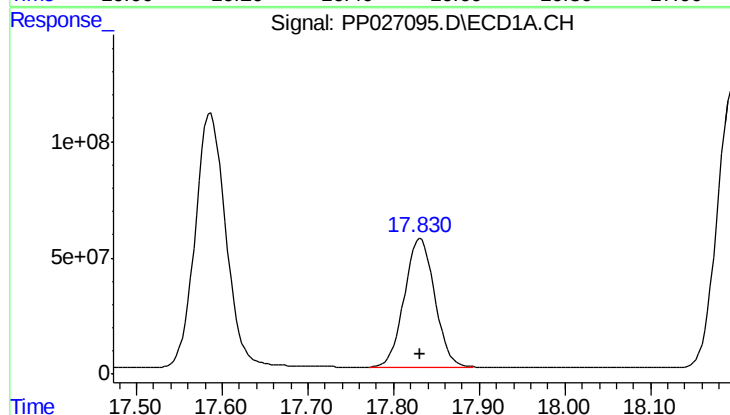
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:19:47 AM



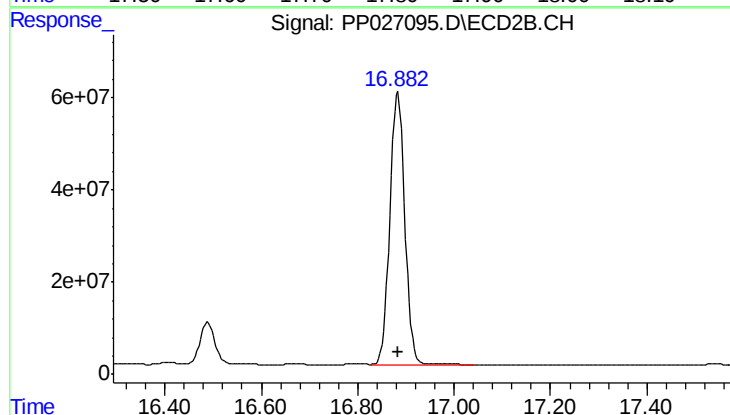
#13 2,4-DB

R.T.: 16.489 min  
Delta R.T.: 0.000 min  
Response: 201032475  
Conc: 705.48 ng/ml



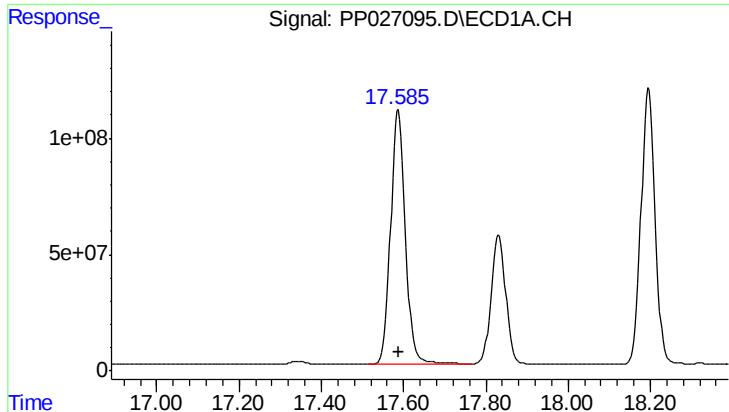
#14 DINOSEB

R.T.: 17.830 min  
Delta R.T.: 0.000 min  
Response: 1360086701  
Conc: 672.51 ng/ml m



#14 DINOSEB

R.T.: 16.884 min  
Delta R.T.: 0.000 min  
Response: 1272238903  
Conc: 704.92 ng/ml



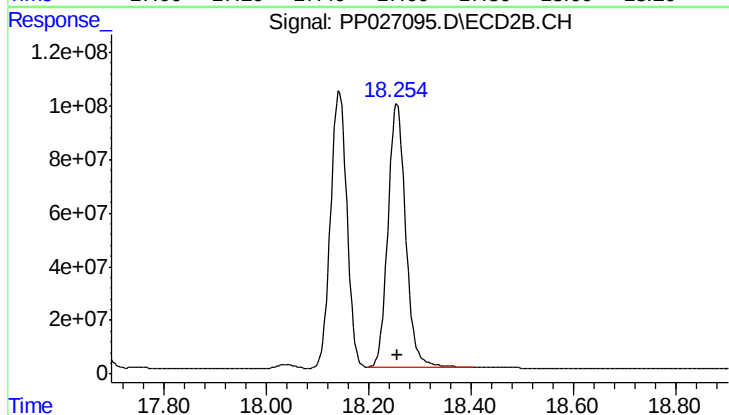
#15 Picloram

R.T.: 17.587 min  
Delta R.T.: 0.000 min  
Response: 2750207630  
Conc: 665.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HSTDCCC750

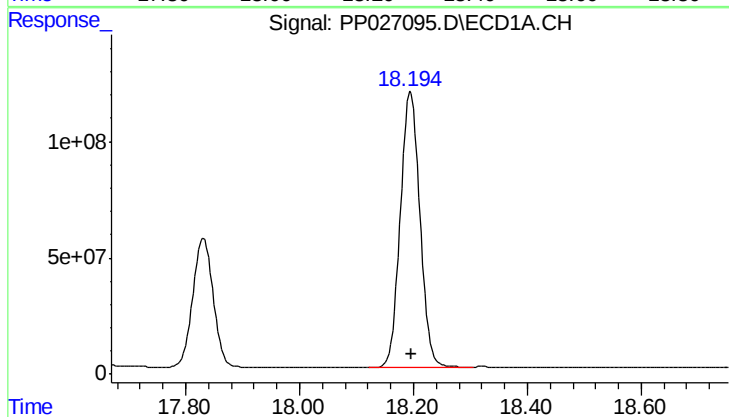
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:19:47 AM



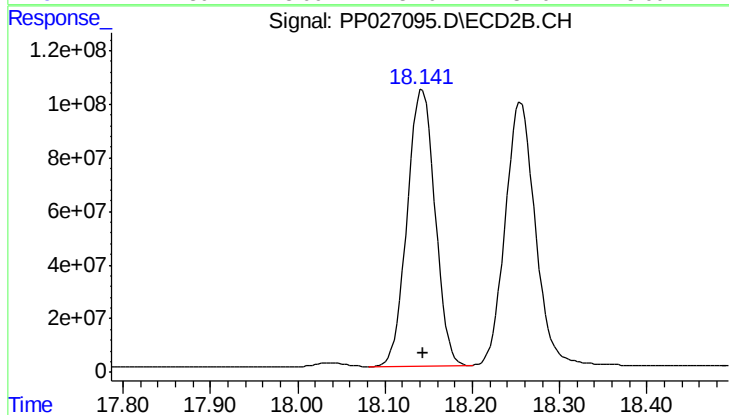
#15 Picloram

R.T.: 18.255 min  
Delta R.T.: 0.000 min  
Response: 2375586347  
Conc: 688.79 ng/ml



#16 DCPA

R.T.: 18.196 min  
Delta R.T.: 0.000 min  
Response: 2815326062  
Conc: 701.84 ng/ml



#16 DCPA

R.T.: 18.143 min  
Delta R.T.: 0.000 min  
Response: 2292036352  
Conc: 712.16 ng/ml