

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD P\Data\PP071318\  
 Data File : PP026738.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Jul 2018 22:20  
 Operator : EI\MA  
 Sample : J3762-03  
 Misc : MDL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 MDL-SOIL-03-QT3-2018

Manual Integrations  
 APPROVED

Sohil  
 7/16/2018 5:30:52 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 14 01:56:38 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP071318.M  
 Quant Title : 8080.M  
 QLast Update : Fri Jul 13 23:16:25 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   | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|----------|----------|----------|----------|
| -----                       |              |        |        |          |          |          |          |
| System Monitoring Compounds |              |        |        |          |          |          |          |
| 4) S                        | 2,4-DCAA     | 12.044 | 12.155 | 106.4E6  | 160.4E6  | 476.612m | 401.438m |
| Target Compounds            |              |        |        |          |          |          |          |
| 1) T                        | Dalapon      | 3.277  | 2.946  | 66818744 | 55672118 | 129.753m | 99.582m  |
| 2) T                        | 3,5-DICHL... | 10.458 | 10.246 | 9568513  | 11379746 | 21.294m  | 21.329m  |
| 3) T                        | 4-Nitroph... | 11.610 | 11.299 | 13017277 | 7157420  | 27.652   | 30.008m  |
| 5) T                        | DICAMBA      | 12.366 | 12.469 | 23865314 | 29796076 | 19.301m  | 18.697m  |
| 6) T                        | MCPD         | 12.729 | 12.735 | 13145228 | 7234193  | 33.334m  | 7.847m#  |
| 7) T                        | MCPA         | 13.002 | 12.993 | 5763540  | 19114536 | 9.664m   | 13.308m# |
| 8) T                        | DICHLORPROP  | 13.558 | 13.580 | 11117450 | 13506366 | 36.961m  | 34.954m  |
| 9) T                        | 2,4-D        | 13.911 | 14.064 | 6759397  | 10943738 | 18.791m  | 20.875m  |
| 10) T                       | Pentachlo... | 14.331 | 14.680 | 112.4E6  | 115.2E6  | 16.614   | 17.457   |
| 11) T                       | 2,4,5-TP ... | 15.193 | 15.248 | 42273207 | 44010778 | 16.746   | 17.027m  |
| 12) T                       | 2,4,5-T      | 15.579 | 15.887 | 37648048 | 42872470 | 16.494m  | 19.487m  |
| 13) T                       | 2,4-DB       | 16.343 | 16.489 | 4517042  | 6459175  | 23.006m  | 22.346m  |
| 14) T                       | DINOSEB      | 17.833 | 16.883 | 26195546 | 27660443 | 14.255m  | 15.503m  |
| 15) T                       | Picloram     | 17.591 | 18.258 | 54728186 | 51288240 | 14.356   | 14.120   |
| 16) T                       | DCPA         | 18.195 | 18.143 | 38310574 | 43641905 | 10.475m  | 13.594m# |
| -----                       |              |        |        |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD P\Data\PP071318\  
Data File : PP026738.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Jul 2018 22:20  
Operator : EI\MA  
Sample : J3762-03  
Misc : MDL  
ALS Vial : 13 Sample Multiplier: 1

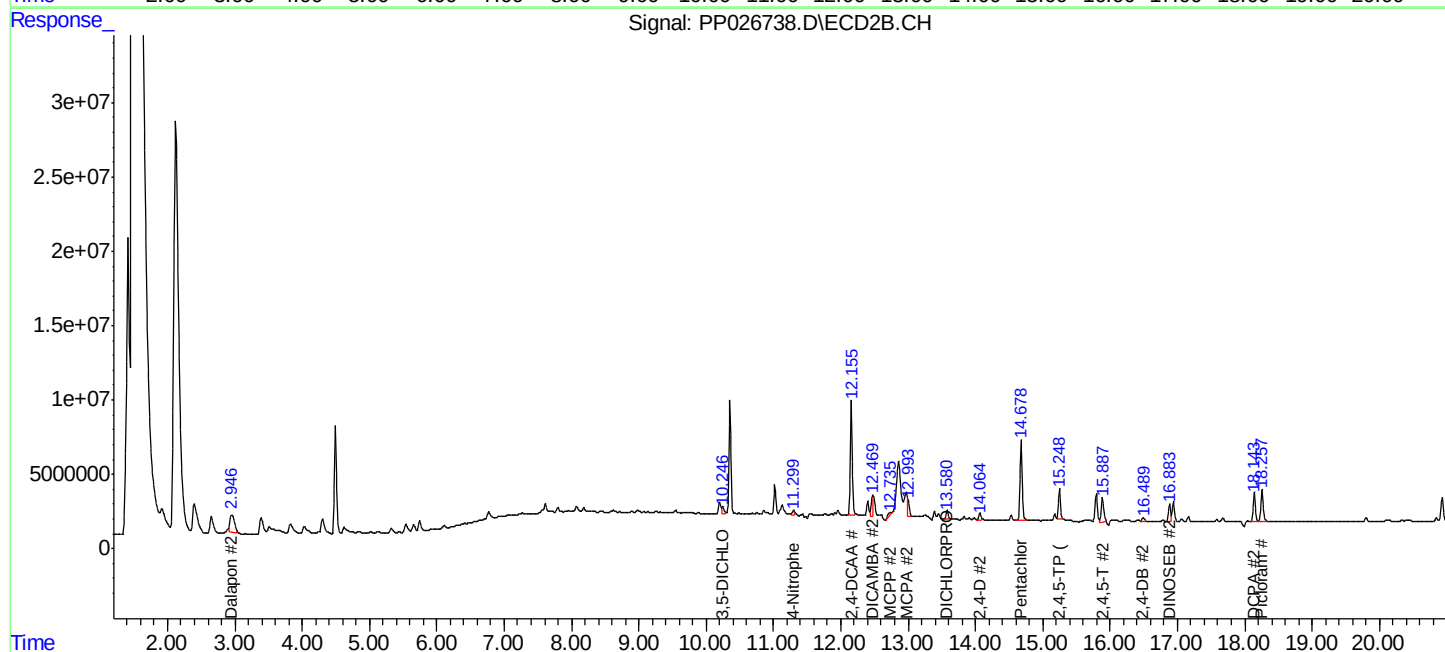
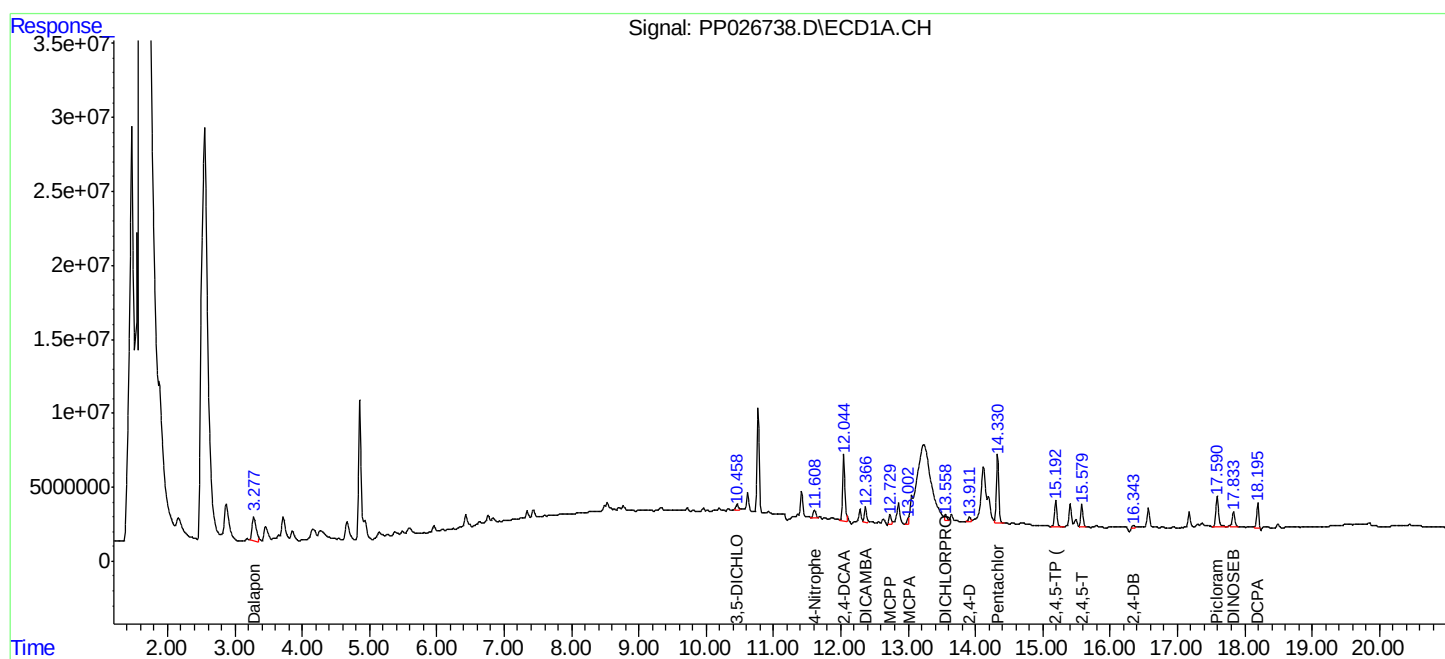
Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT3-2018

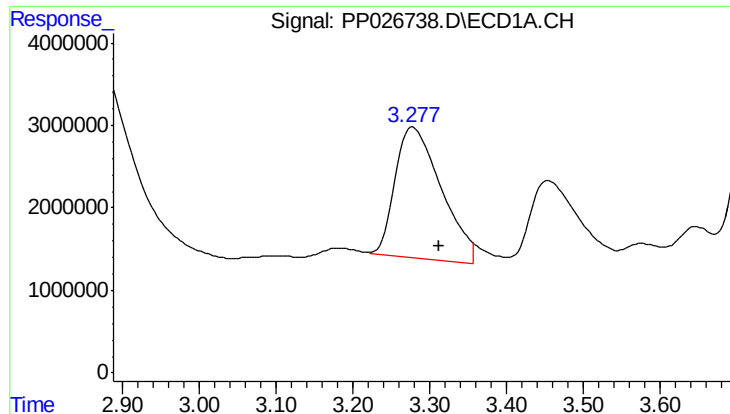
Manual Integrations  
APPROVED

Sohil  
7/16/2018 5:30:52 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 14 01:56:38 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP071318.M  
Quant Title : 8080.M  
QLast Update : Fri Jul 13 23:16:25 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





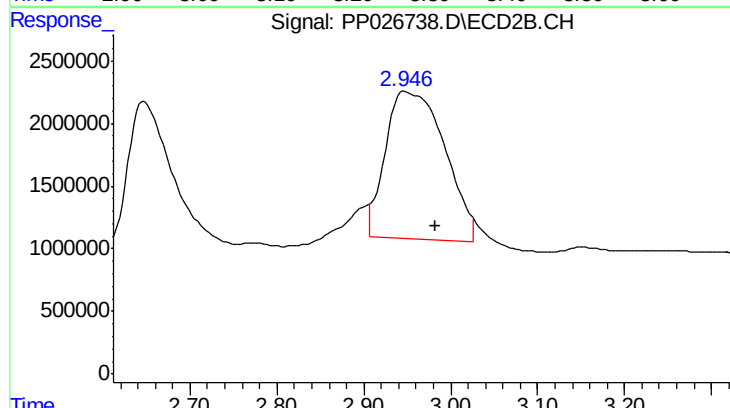
#1 Dalapon

R.T.: 3.277 min  
Delta R.T.: -0.036 min  
Response: 66818744  
Conc: 129.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT3-2018

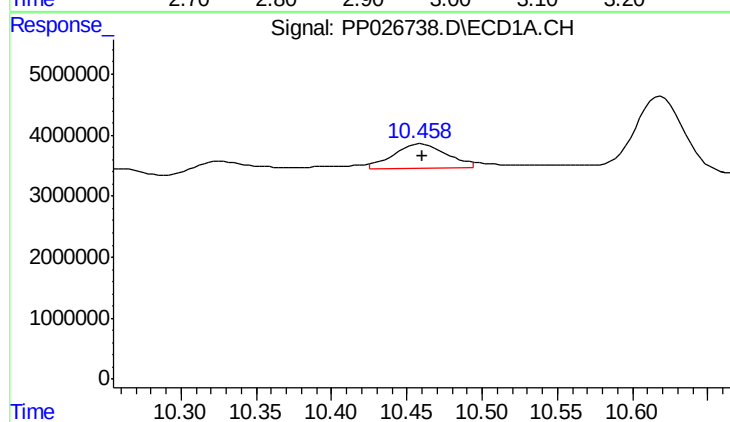
Manual Integrations  
APPROVED

Sohil  
7/16/2018 5:30:52 PM



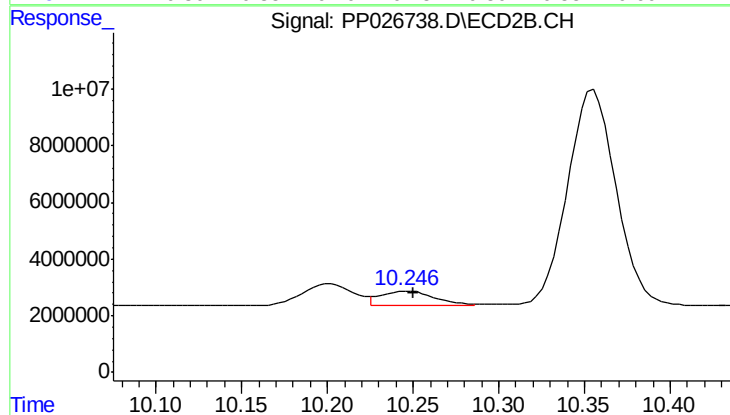
#1 Dalapon

R.T.: 2.946 min  
Delta R.T.: -0.037 min  
Response: 55672118  
Conc: 99.58 ng/ml m



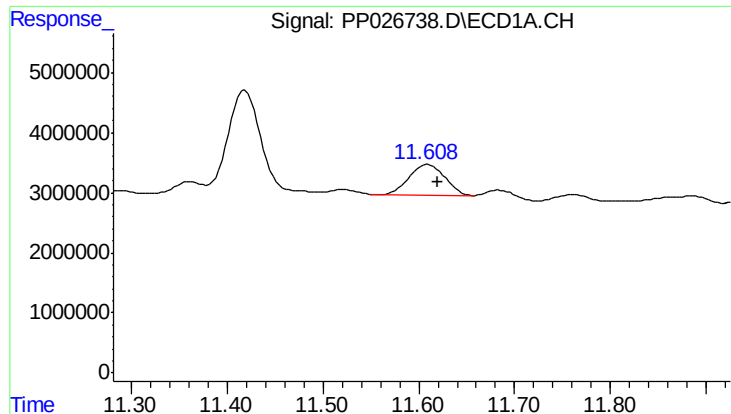
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.458 min  
Delta R.T.: -0.002 min  
Response: 9568513  
Conc: 21.29 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.246 min  
Delta R.T.: -0.004 min  
Response: 11379746  
Conc: 21.33 ng/ml m



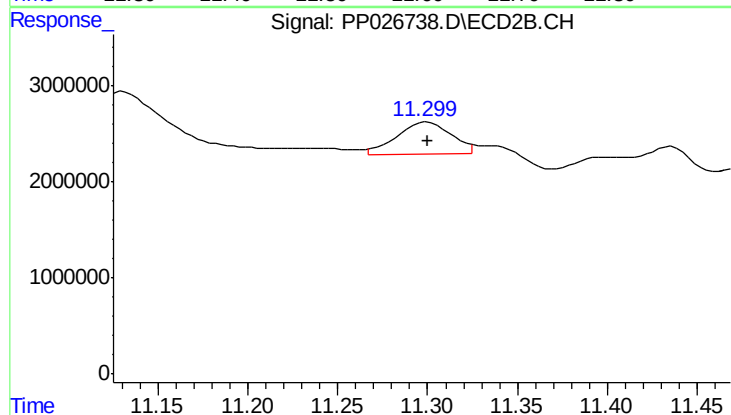
#3 4-Nitrophenol

R.T.: 11.610 min  
Delta R.T.: -0.011 min  
Response: 13017277  
Conc: 27.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT3-2018

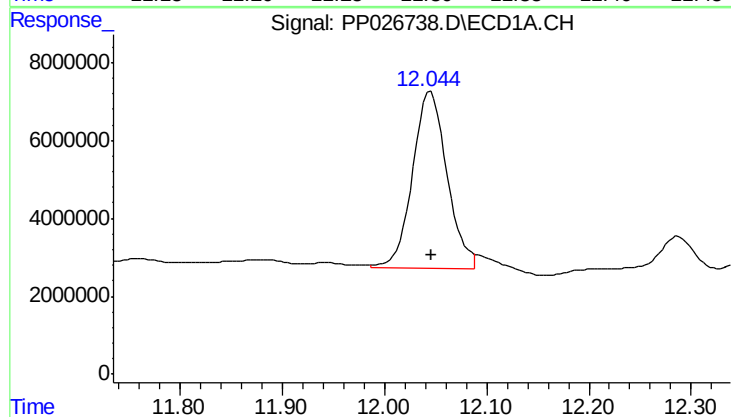
Manual Integrations  
APPROVED

Sohil  
7/16/2018 5:30:52 PM



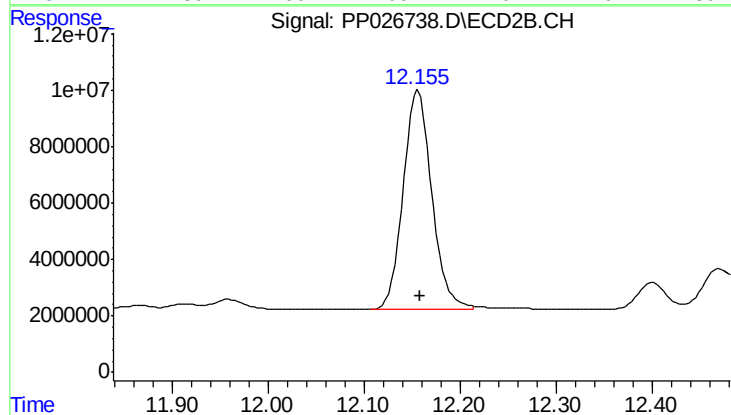
#3 4-Nitrophenol

R.T.: 11.299 min  
Delta R.T.: -0.002 min  
Response: 7157420  
Conc: 30.01 ng/ml m



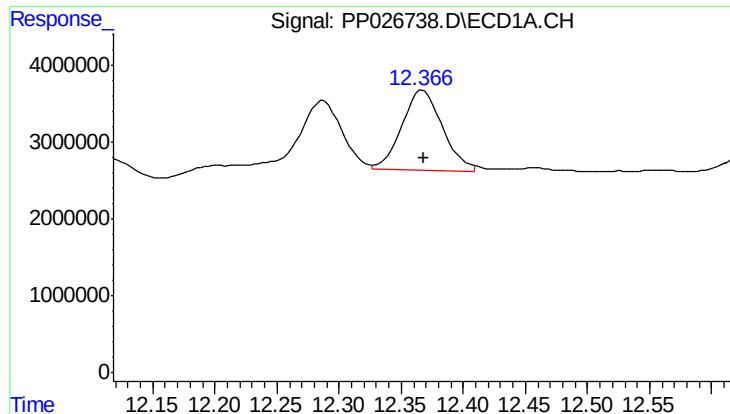
#4 2,4-DCAA

R.T.: 12.044 min  
Delta R.T.: -0.003 min  
Response: 106357523  
Conc: 476.61 ng/ml m



#4 2,4-DCAA

R.T.: 12.155 min  
Delta R.T.: -0.003 min  
Response: 160385162  
Conc: 401.44 ng/ml m



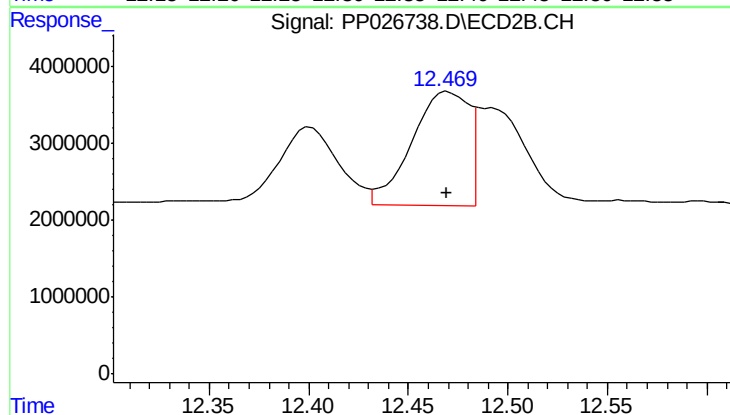
#5 DICAMBA

R.T.: 12.366 min  
Delta R.T.: -0.002 min  
Response: 23865314  
Conc: 19.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT3-2018

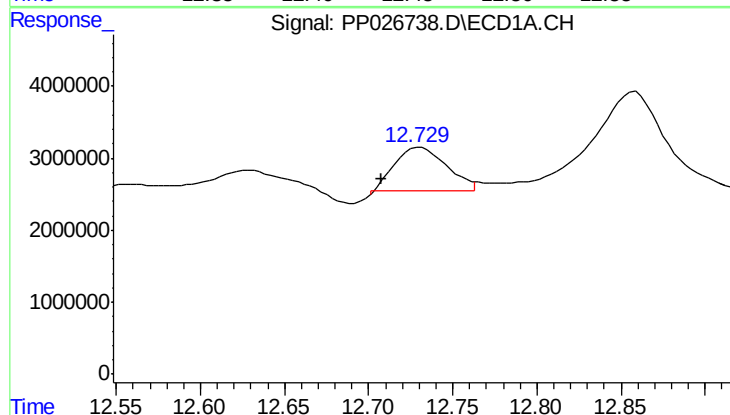
Manual Integrations  
APPROVED

Sohil  
7/16/2018 5:30:52 PM



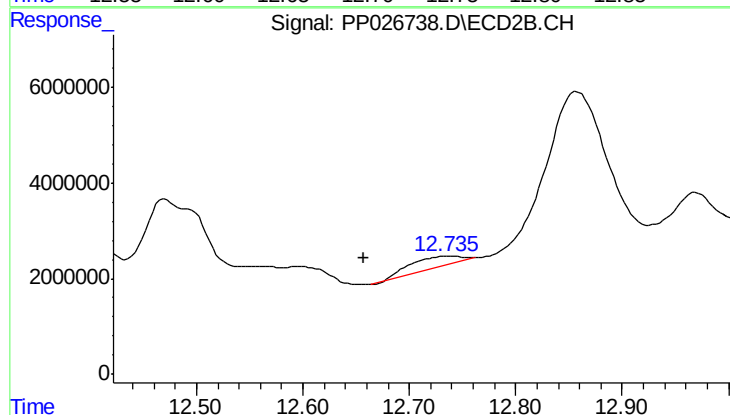
#5 DICAMBA

R.T.: 12.469 min  
Delta R.T.: -0.001 min  
Response: 29796076  
Conc: 18.70 ng/ml m



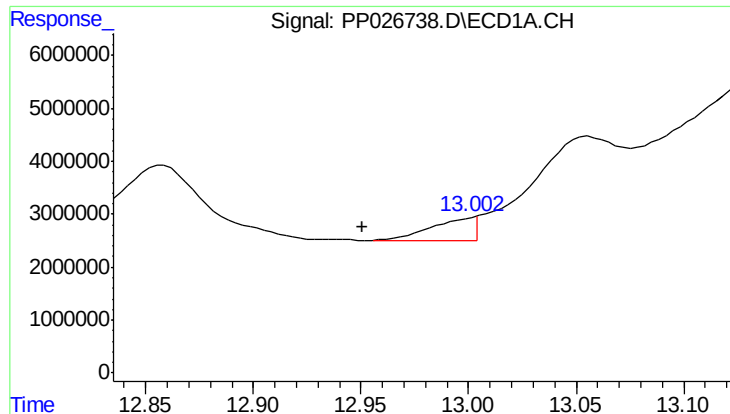
#6 MCP

R.T.: 12.729 min  
Delta R.T.: 0.022 min  
Response: 13145228  
Conc: 33.33 ug/ml m



#6 MCP

R.T.: 12.735 min  
Delta R.T.: 0.078 min  
Response: 7234193  
Conc: 7.85 ug/ml m



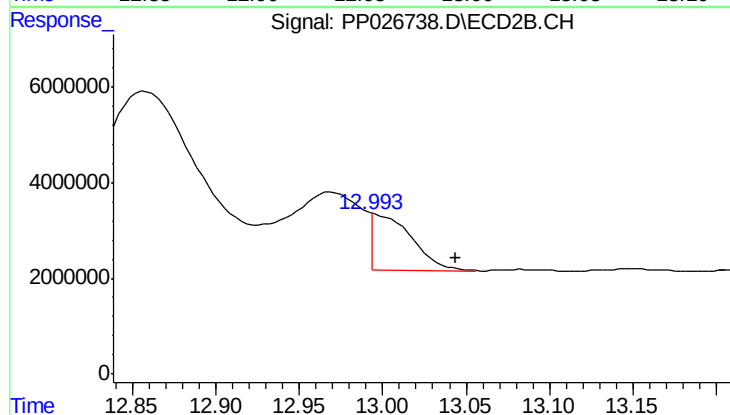
#7 MCPA

R.T.: 13.002 min  
Delta R.T.: 0.051 min  
Response: 5763540  
Conc: 9.66 ug/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT3-2018

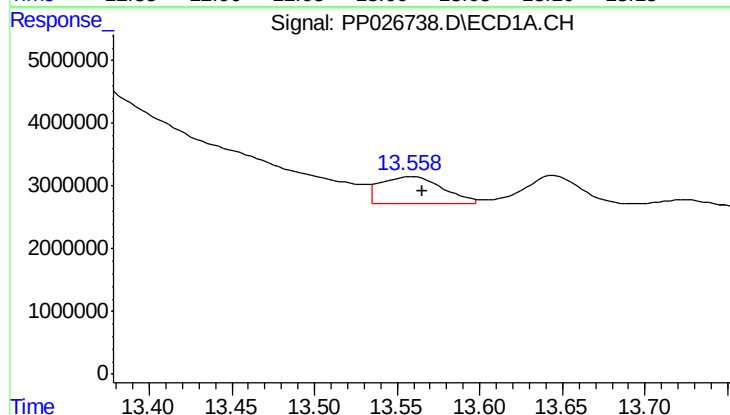
Manual Integrations  
APPROVED

Sohil  
7/16/2018 5:30:52 PM



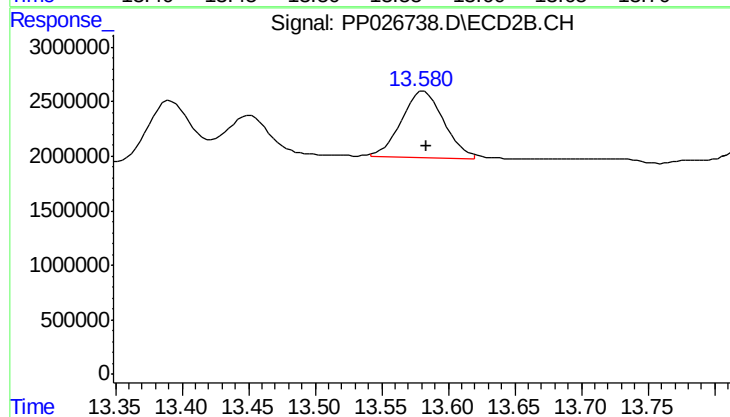
#7 MCPA

R.T.: 12.993 min  
Delta R.T.: -0.051 min  
Response: 19114536  
Conc: 13.31 ug/ml m



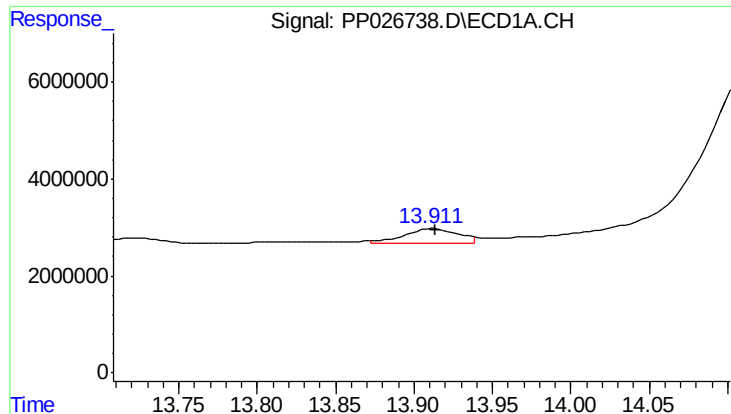
#8 DICHLORPROP

R.T.: 13.558 min  
Delta R.T.: -0.007 min  
Response: 11117450  
Conc: 36.96 ng/ml m



#8 DICHLORPROP

R.T.: 13.580 min  
Delta R.T.: -0.004 min  
Response: 13506366  
Conc: 34.95 ng/ml m



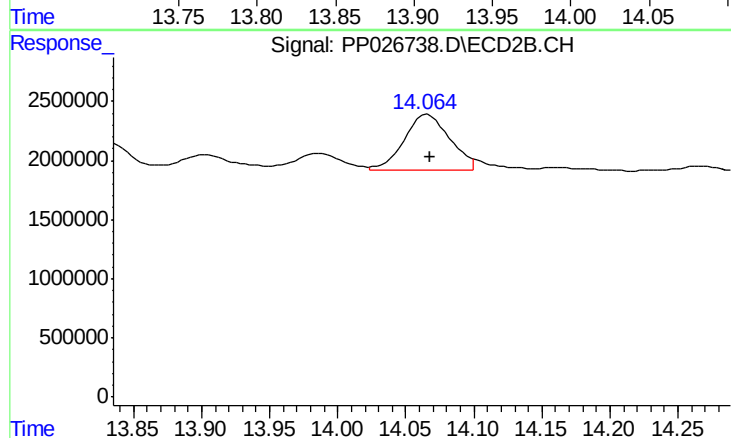
#9 2,4-D

R.T.: 13.911 min  
Delta R.T.: -0.003 min  
Response: 6759397  
Conc: 18.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT3-2018

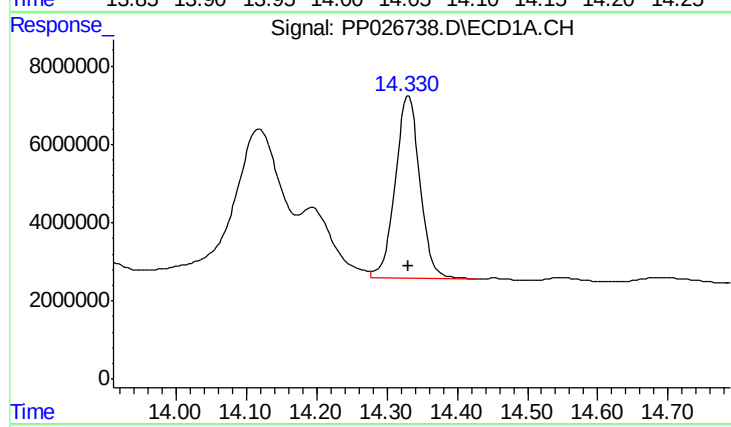
Manual Integrations  
APPROVED

Sohil  
7/16/2018 5:30:52 PM



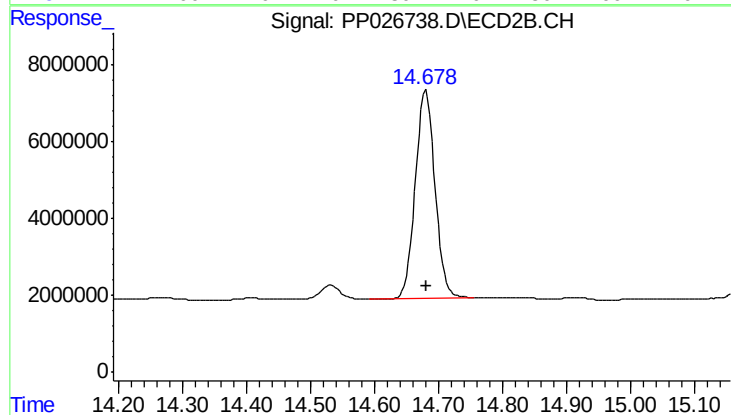
#9 2,4-D

R.T.: 14.064 min  
Delta R.T.: -0.004 min  
Response: 10943738  
Conc: 20.87 ng/ml m



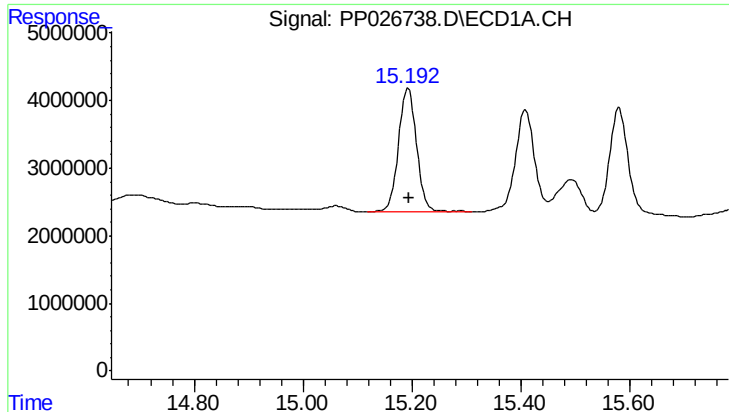
#10 Pentachlorophenol

R.T.: 14.331 min  
Delta R.T.: 0.000 min  
Response: 112371501  
Conc: 16.61 ng/ml



#10 Pentachlorophenol

R.T.: 14.680 min  
Delta R.T.: 0.000 min  
Response: 115239698  
Conc: 17.46 ng/ml



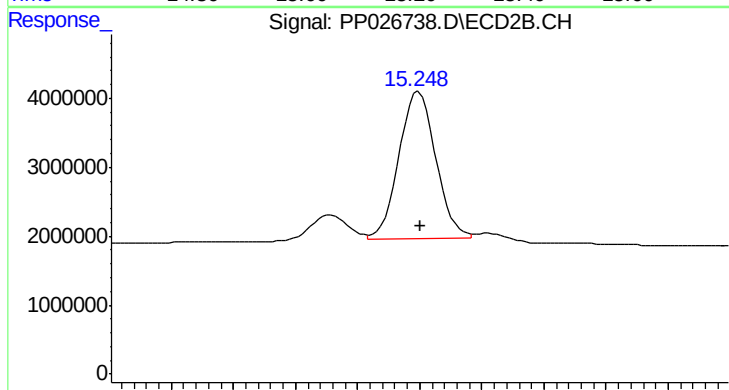
#11 2,4,5-TP (SILVEX)

R.T.: 15.193 min  
Delta R.T.: 0.000 min  
Response: 42273207  
Conc: 16.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT3-2018

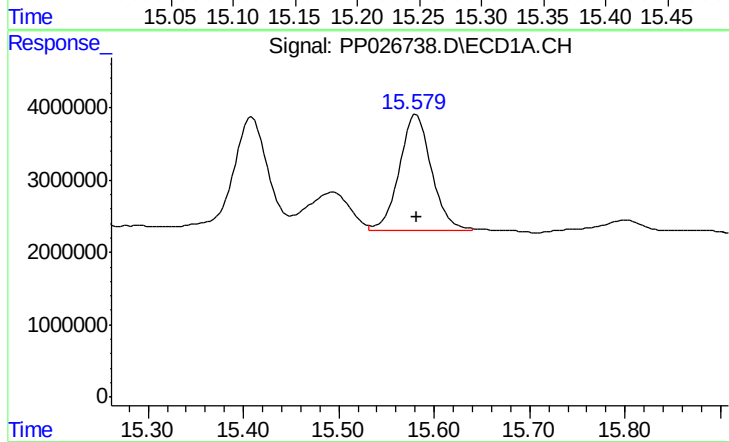
Manual Integrations  
APPROVED

Sohil  
7/16/2018 5:30:52 PM



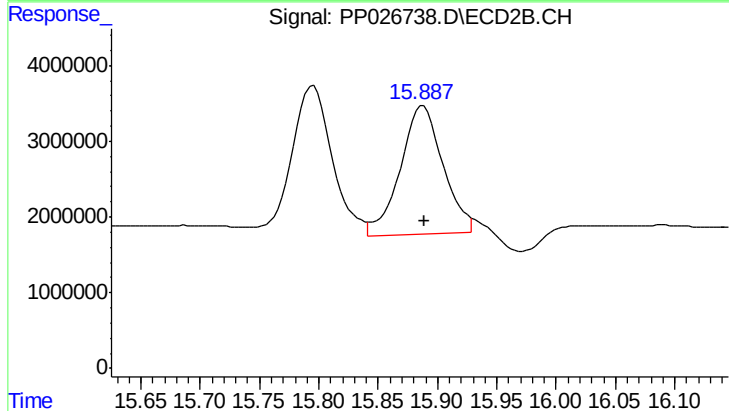
#11 2,4,5-TP (SILVEX)

R.T.: 15.248 min  
Delta R.T.: -0.003 min  
Response: 44010778  
Conc: 17.03 ng/ml m



#12 2,4,5-T

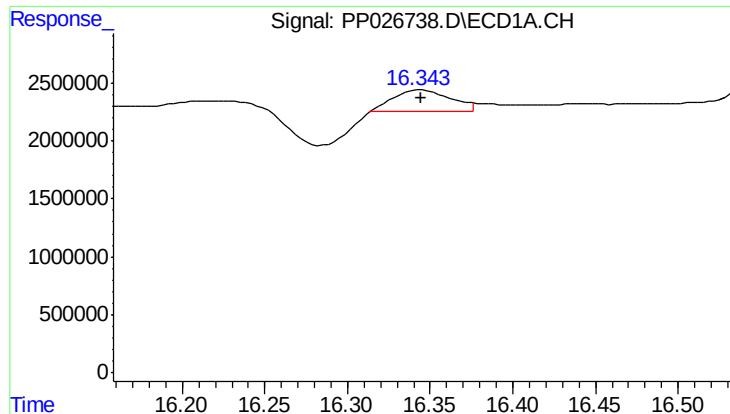
R.T.: 15.579 min  
Delta R.T.: -0.003 min  
Response: 37648048  
Conc: 16.49 ng/ml m



#12 2,4,5-T

R.T.: 15.887 min  
Delta R.T.: -0.002 min  
Response: 42872470  
Conc: 19.49 ng/ml m





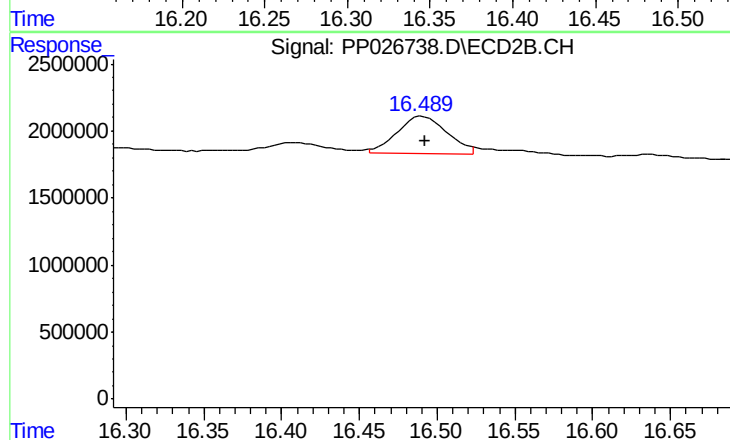
#13 2,4-DB

R.T.: 16.343 min  
Delta R.T.: -0.002 min  
Response: 4517042  
Conc: 23.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT3-2018

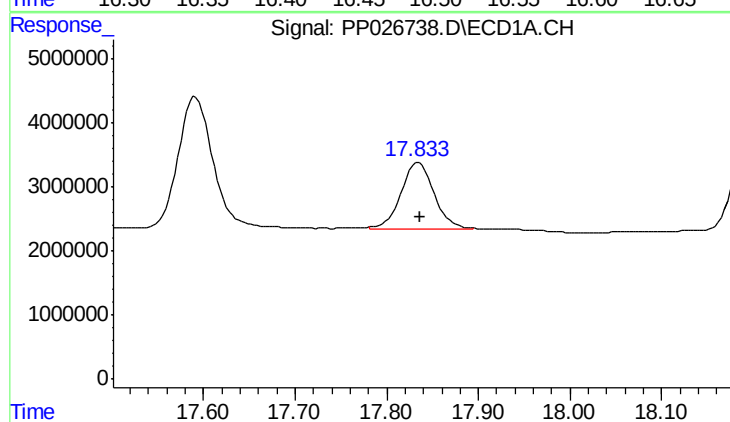
Manual Integrations  
APPROVED

Sohil  
7/16/2018 5:30:52 PM



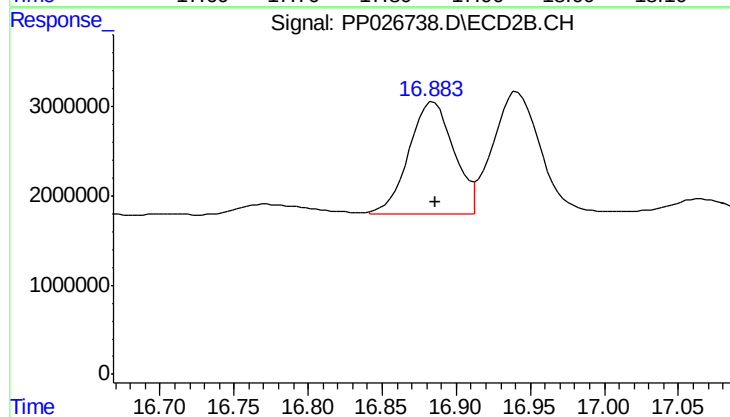
#13 2,4-DB

R.T.: 16.489 min  
Delta R.T.: -0.003 min  
Response: 6459175  
Conc: 22.35 ng/ml m



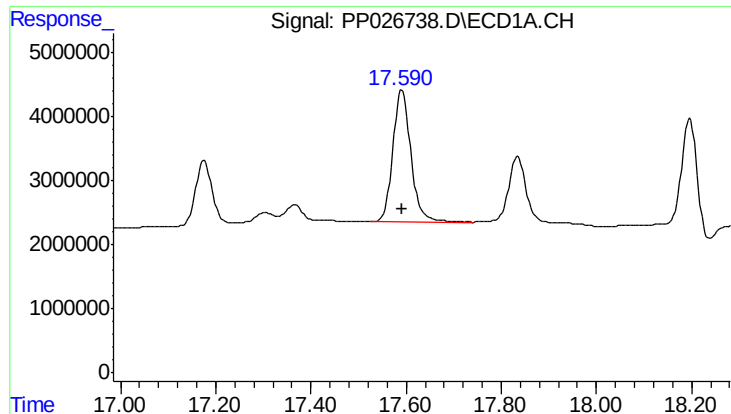
#14 DINOSEB

R.T.: 17.833 min  
Delta R.T.: -0.003 min  
Response: 26195546  
Conc: 14.26 ng/ml m



#14 DINOSEB

R.T.: 16.883 min  
Delta R.T.: -0.003 min  
Response: 27660443  
Conc: 15.50 ng/ml m



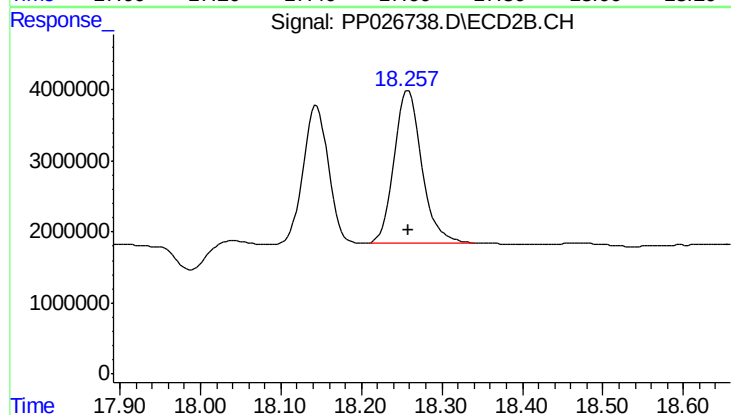
#15 Picloram

R.T.: 17.591 min  
Delta R.T.: 0.000 min  
Response: 54728186  
Conc: 14.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT3-2018

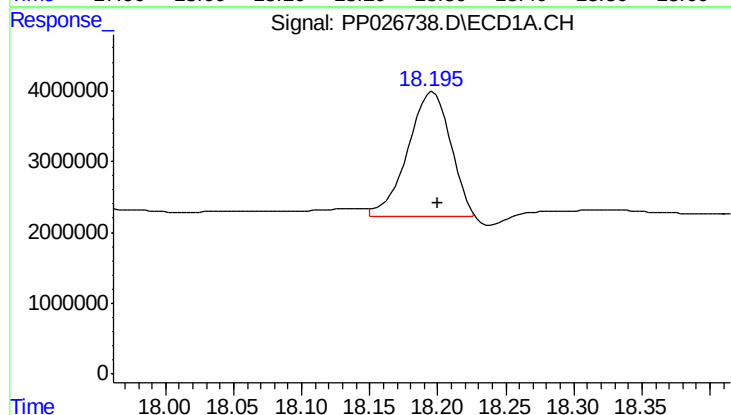
Manual Integrations  
APPROVED

Sohil  
7/16/2018 5:30:52 PM



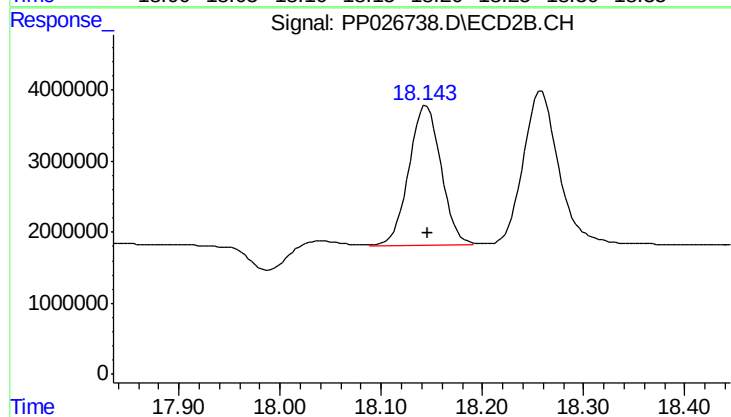
#15 Picloram

R.T.: 18.258 min  
Delta R.T.: 0.000 min  
Response: 51288240  
Conc: 14.12 ng/ml



#16 DCPA

R.T.: 18.195 min  
Delta R.T.: -0.005 min  
Response: 38310574  
Conc: 10.47 ng/ml m



#16 DCPA

R.T.: 18.143 min  
Delta R.T.: -0.002 min  
Response: 43641905  
Conc: 13.59 ng/ml m