

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR101418\  
 Data File : PR032900.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Oct 2018 16:44  
 Operator : SM\SJ  
 Sample : J5305-02MSD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 331-SAND-SOILMSD

Manual Integrations  
 APPROVED

Sohil  
 10/16/2018 10:51:30 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 15 01:14:34 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR101118.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 12 12:00:10 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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 |                 |        |       |          |         |          |           |
| 1)                          | SA Tetrachlo... | 4.502  | 3.750 | 286.4E6  | 975.3E6 | 18.059m  | 21.369    |
| 2)                          | SA Decachlor... | 10.144 | 8.743 | 177.1E6  | 522.5E6 | 14.080   | 11.547    |
| Target Compounds            |                 |        |       |          |         |          |           |
| 3)                          | L1 AR-1016-1    | 5.649  | 4.831 | 127.5E6  | 342.0E6 | 189.726m | 170.388   |
| 4)                          | L1 AR-1016-2    | 5.672  | 4.846 | 207.7E6  | 202.5E6 | 203.820m | 67.774 #  |
| 5)                          | L1 AR-1016-3    | 5.733  | 5.026 | 99552264 | 325.6E6 | 158.012  | 207.256 # |
| 6)                          | L1 AR-1016-4    | 5.818  | 5.065 | 54074008 | 323.2E6 | 103.236m | 269.488 # |
| 7)                          | L1 AR-1016-5    | 6.089  | 5.275 | 69038220 | 145.0E6 | 131.899  | 86.878m#  |
| 31)                         | L7 AR-1260-1    | 7.224  | 6.305 | 190.0E6  | 395.8E6 | 196.100  | 117.811 # |
| 32)                         | L7 AR-1260-2    | 7.473  | 6.485 | 362.8E6  | 783.4E6 | 322.117  | 217.873 # |
| 33)                         | L7 AR-1260-3    | 7.830  | 6.643 | 108.2E6  | 448.5E6 | 131.492  | 115.876   |
| 34)                         | L7 AR-1260-4    | 8.052  | 7.112 | 131.2E6  | 323.9E6 | 164.122  | 105.103 # |
| 35)                         | L7 AR-1260-5    | 8.367  | 7.350 | 201.1E6  | 959.8E6 | 149.065  | 122.848   |
| -----                       |                 |        |       |          |         |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR101418\  
Data File : PR032900.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Oct 2018 16:44  
Operator : SM\SJ  
Sample : J5305-02MSD  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

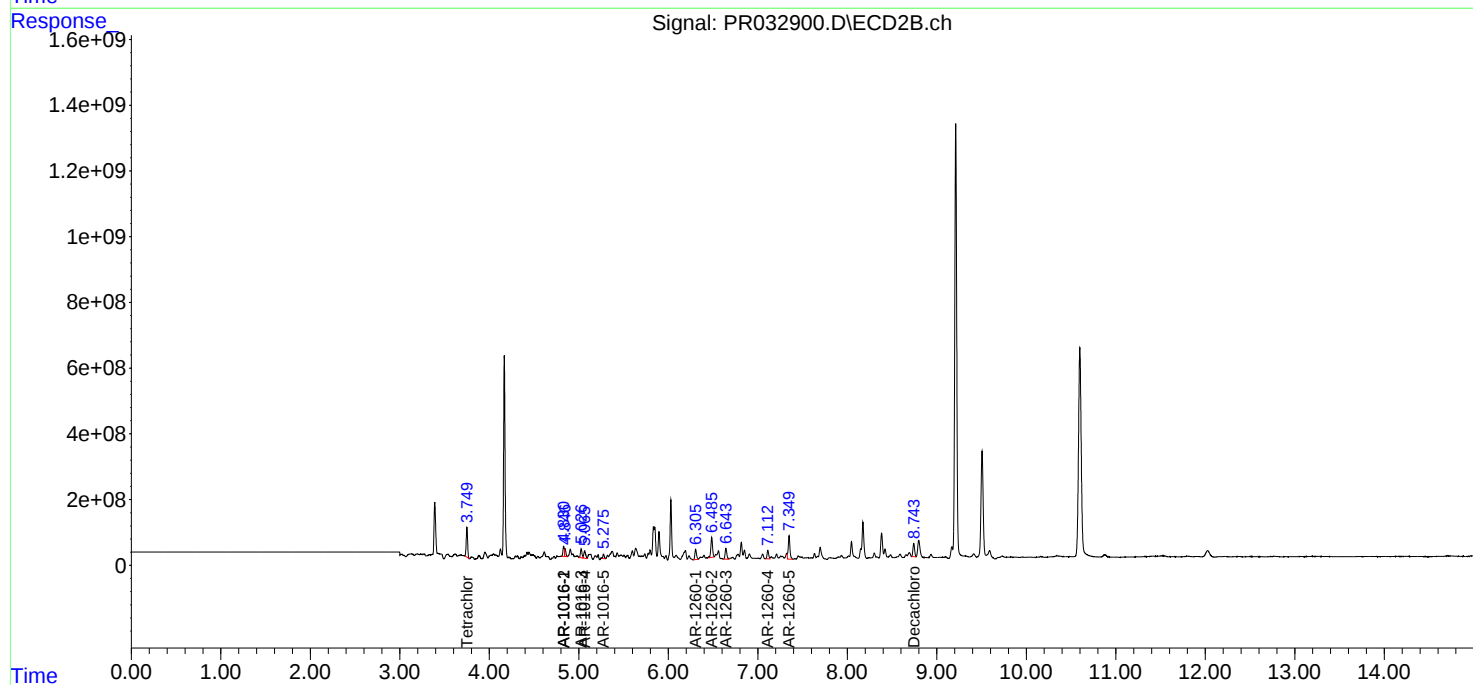
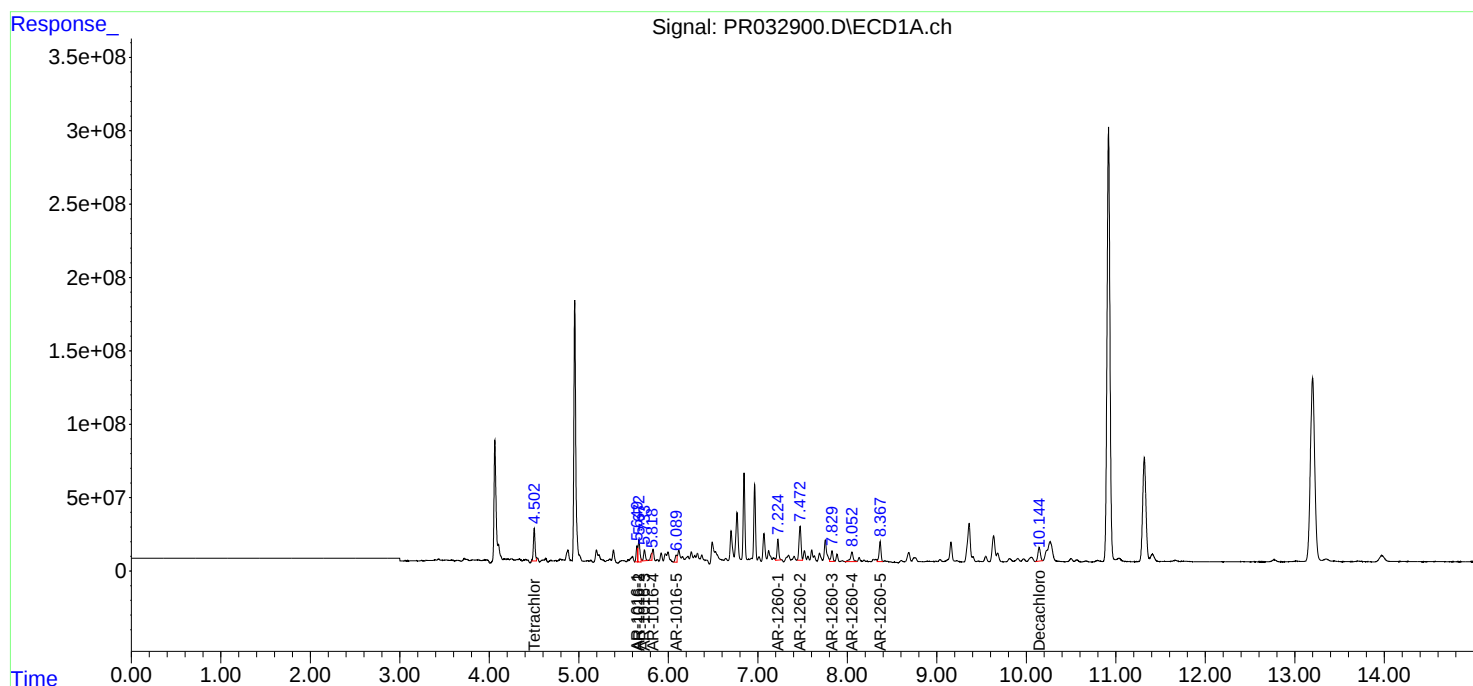
Instrument :  
ECD\_R  
ClientSampleId :  
331-SAND-SOILMSD

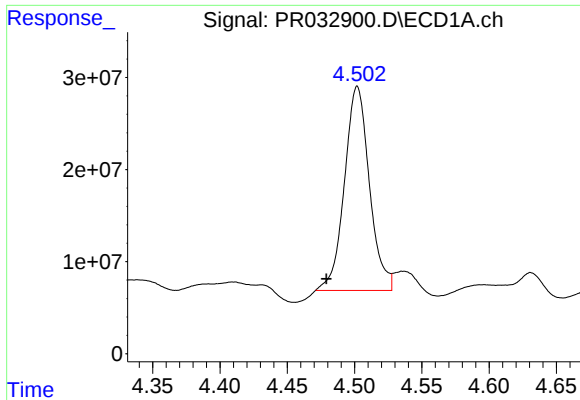
Manual Integrations  
APPROVED

Sohil  
10/16/2018 10:51:30 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 15 01:14:34 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR101118.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 12 12:00:10 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





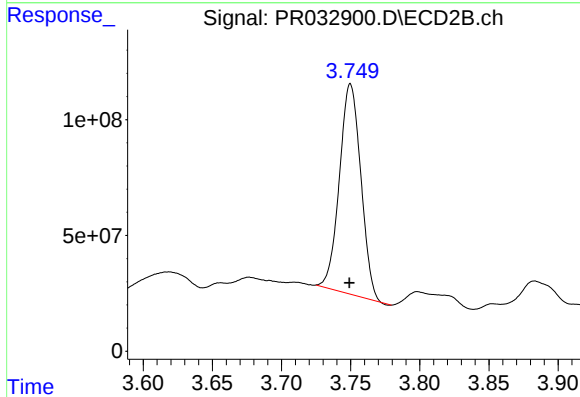
#1 Tetrachloro-m-xylene

R.T.: 4.502 min  
Delta R.T.: 0.023 min  
Response: 286447729  
Conc: 18.06 ng/ml m

Instrument :  
ECD\_R  
ClientSampleId :  
331-SAND-SOILMSD

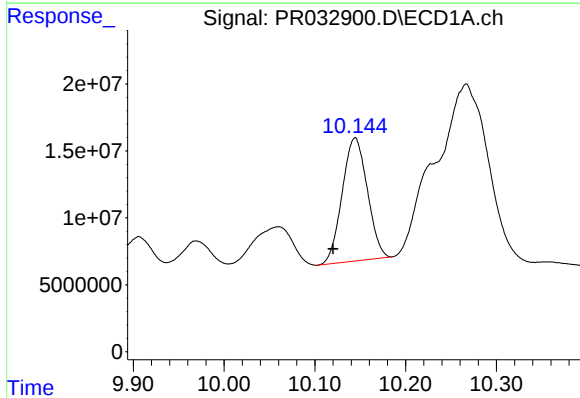
Manual Integrations  
APPROVED

Sohil  
10/16/2018 10:51:30 AM



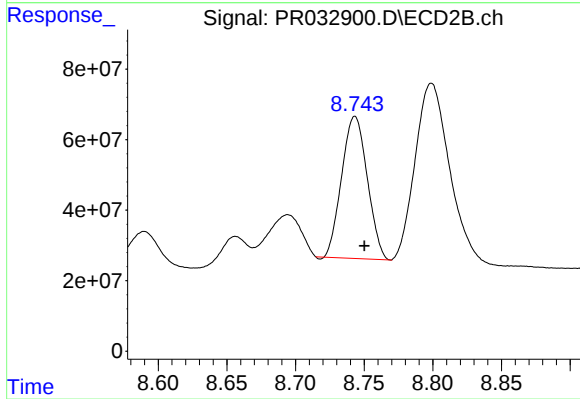
#1 Tetrachloro-m-xylene

R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 975309695  
Conc: 21.37 ng/ml



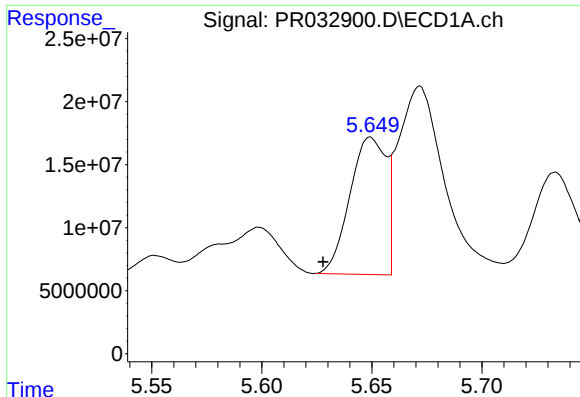
#2 Decachlorobiphenyl

R.T.: 10.144 min  
Delta R.T.: 0.024 min  
Response: 177102407  
Conc: 14.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.743 min  
Delta R.T.: -0.007 min  
Response: 522507809  
Conc: 11.55 ng/ml



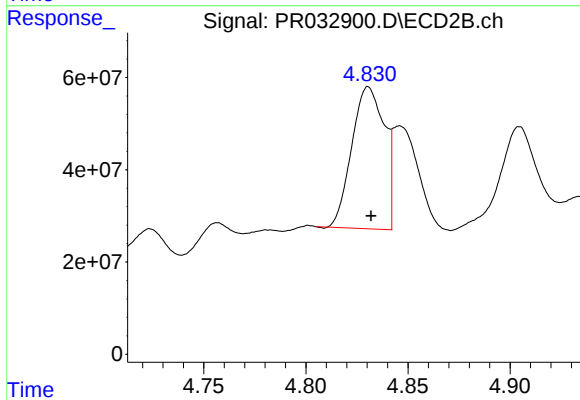
#3 AR-1016-1

R.T.: 5.649 min  
Delta R.T.: 0.021 min  
Response: 127461956  
Conc: 189.73 ng/ml m

Instrument :  
ECD\_R  
ClientSampleId :  
331-SAND-SOILMSD

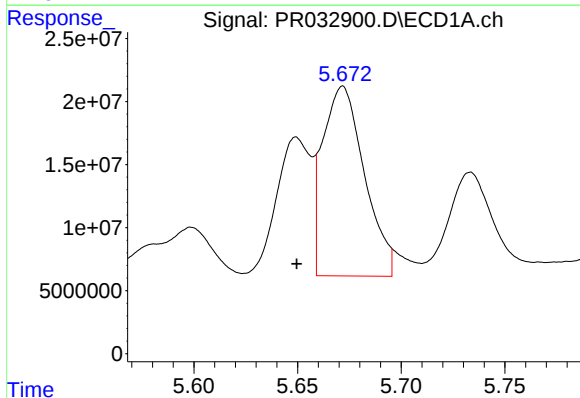
Manual Integrations  
APPROVED

Sohil  
10/16/2018 10:51:30 AM



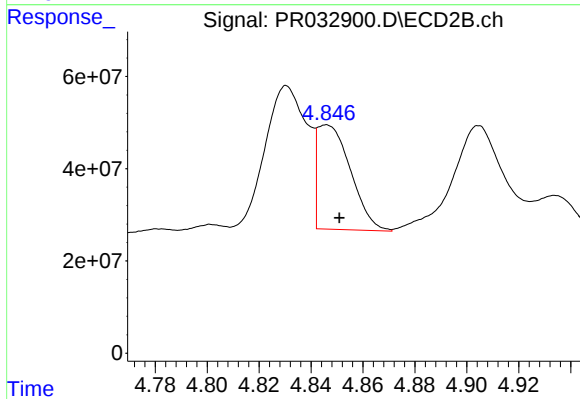
#3 AR-1016-1

R.T.: 4.831 min  
Delta R.T.: -0.001 min  
Response: 341958236  
Conc: 170.39 ng/ml



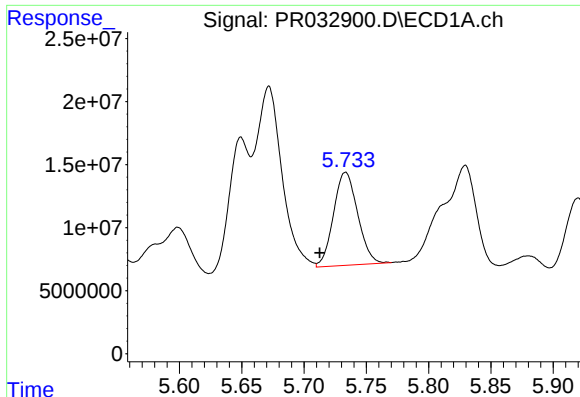
#4 AR-1016-2

R.T.: 5.672 min  
Delta R.T.: 0.022 min  
Response: 207721129  
Conc: 203.82 ng/ml m



#4 AR-1016-2

R.T.: 4.846 min  
Delta R.T.: -0.005 min  
Response: 202531255  
Conc: 67.77 ng/ml



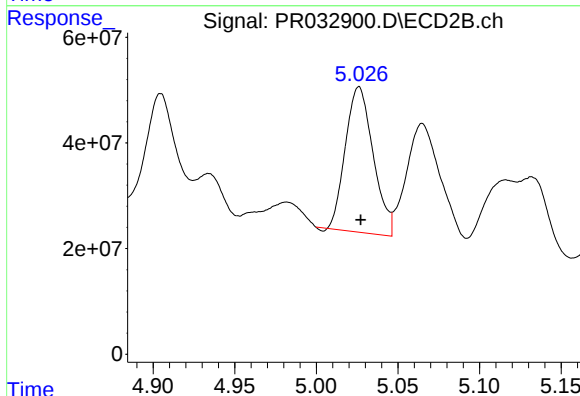
#5 AR-1016-3

R.T.: 5.733 min  
Delta R.T.: 0.021 min  
Response: 99552264  
Conc: 158.01 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
331-SAND-SOILMSD

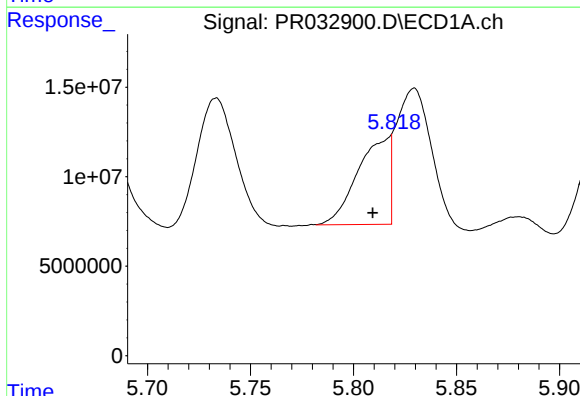
Manual Integrations  
APPROVED

Sohil  
10/16/2018 10:51:30 AM



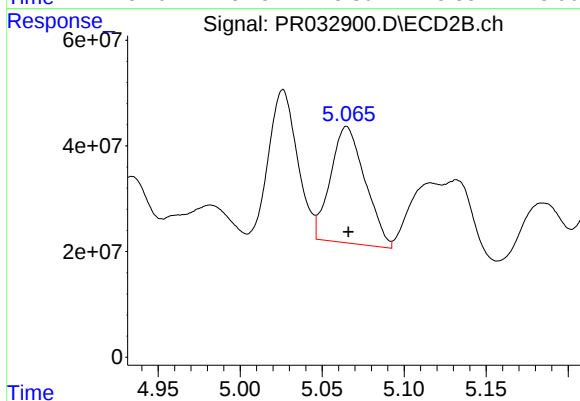
#5 AR-1016-3

R.T.: 5.026 min  
Delta R.T.: 0.000 min  
Response: 325632343  
Conc: 207.26 ng/ml



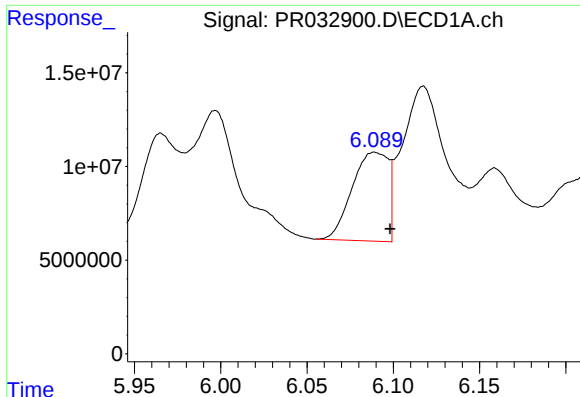
#6 AR-1016-4

R.T.: 5.818 min  
Delta R.T.: 0.009 min  
Response: 54074008  
Conc: 103.24 ng/ml m



#6 AR-1016-4

R.T.: 5.065 min  
Delta R.T.: -0.001 min  
Response: 323186825  
Conc: 269.49 ng/ml



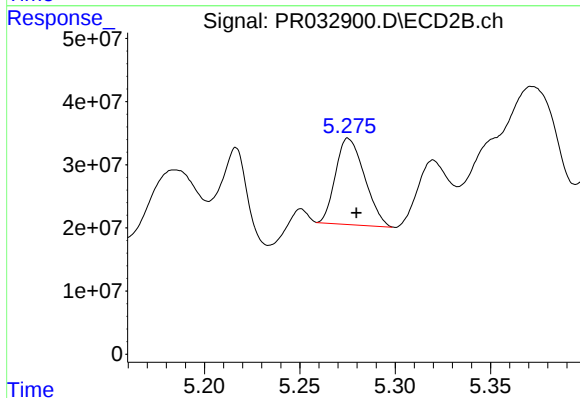
#7 AR-1016-5

R.T.: 6.089 min  
Delta R.T.: -0.009 min  
Response: 69038220  
Conc: 131.90 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
331-SAND-SOILMSD

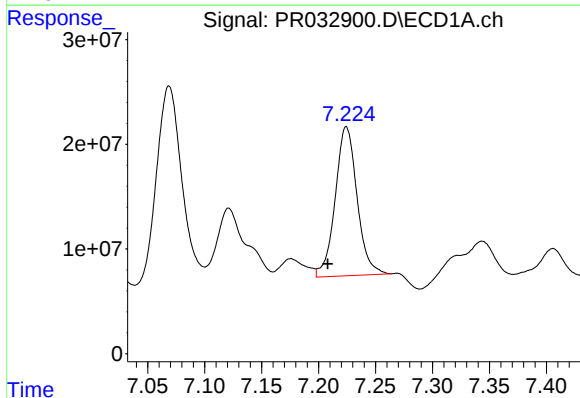
Manual Integrations  
APPROVED

Sohil  
10/16/2018 10:51:30 AM



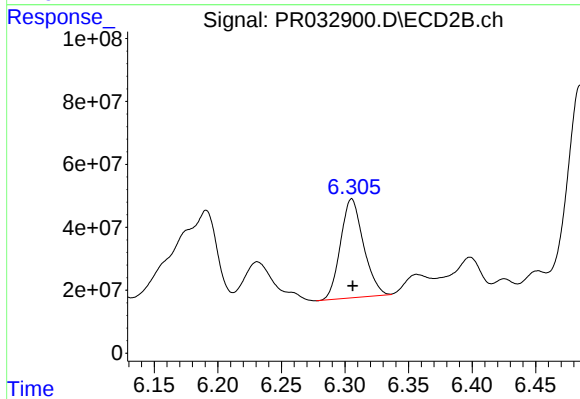
#7 AR-1016-5

R.T.: 5.275 min  
Delta R.T.: -0.005 min  
Response: 145017472  
Conc: 86.88 ng/ml m



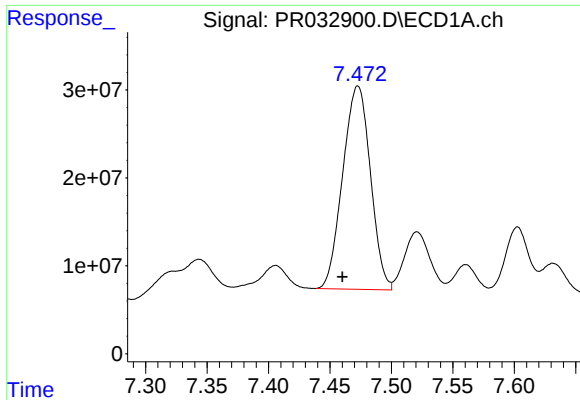
#31 AR-1260-1

R.T.: 7.224 min  
Delta R.T.: 0.016 min  
Response: 190007259  
Conc: 196.10 ng/ml



#31 AR-1260-1

R.T.: 6.305 min  
Delta R.T.: 0.000 min  
Response: 395797242  
Conc: 117.81 ng/ml



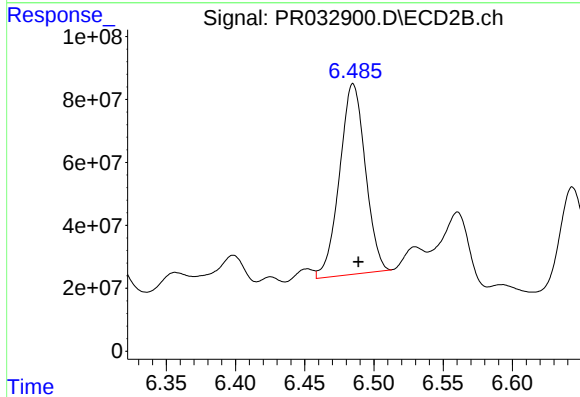
#32 AR-1260-2

R.T.: 7.473 min  
Delta R.T.: 0.013 min  
Response: 362780963  
Conc: 322.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
331-SAND-SOILMSD

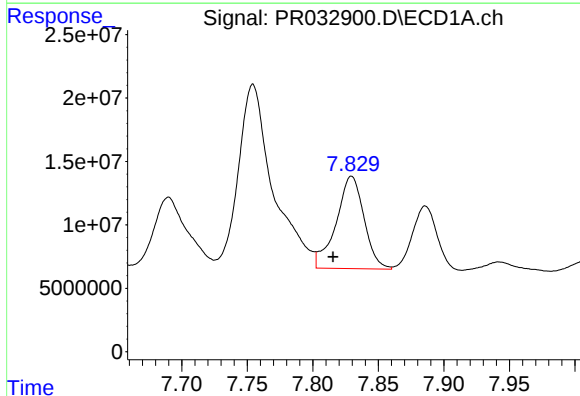
Manual Integrations  
APPROVED

Sohil  
10/16/2018 10:51:30 AM



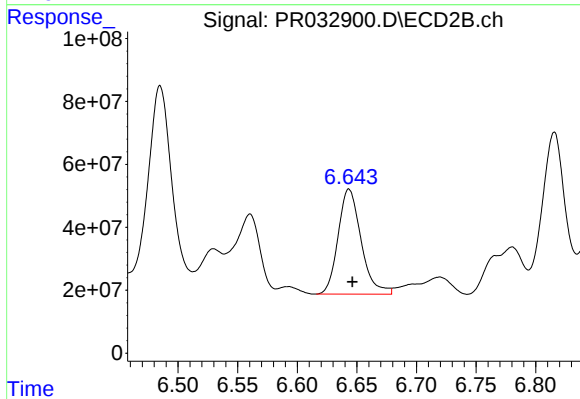
#32 AR-1260-2

R.T.: 6.485 min  
Delta R.T.: -0.004 min  
Response: 783431890  
Conc: 217.87 ng/ml



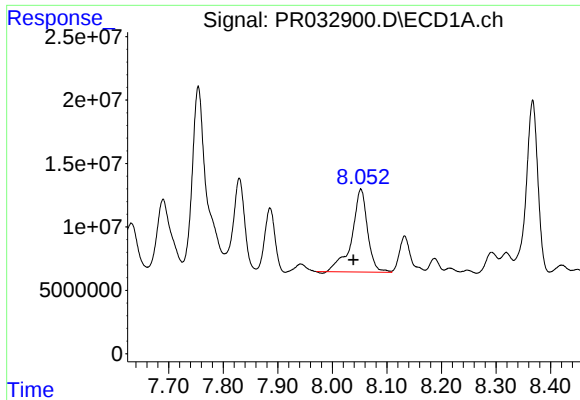
#33 AR-1260-3

R.T.: 7.830 min  
Delta R.T.: 0.014 min  
Response: 108184529  
Conc: 131.49 ng/ml



#33 AR-1260-3

R.T.: 6.643 min  
Delta R.T.: -0.003 min  
Response: 448547215  
Conc: 115.88 ng/ml



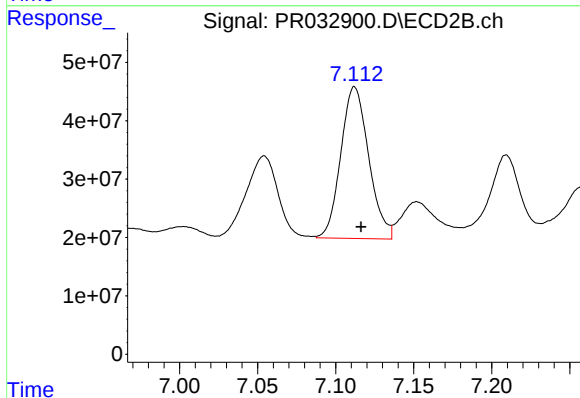
#34 AR-1260-4

R.T.: 8.052 min  
Delta R.T.: 0.014 min  
Response: 131194967  
Conc: 164.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
331-SAND-SOILMSD

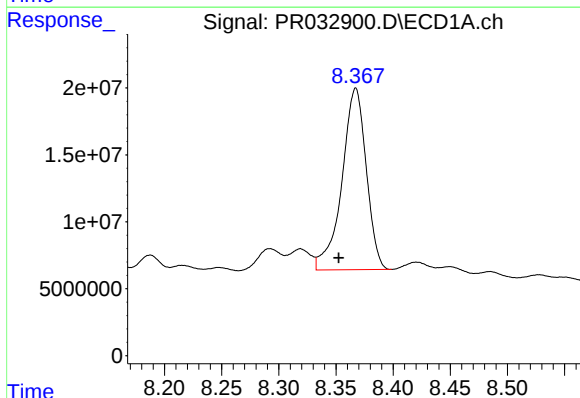
Manual Integrations  
APPROVED

Sohil  
10/16/2018 10:51:30 AM



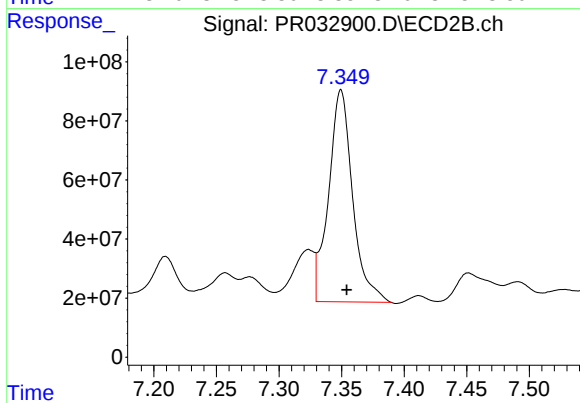
#34 AR-1260-4

R.T.: 7.112 min  
Delta R.T.: -0.004 min  
Response: 323927902  
Conc: 105.10 ng/ml



#35 AR-1260-5

R.T.: 8.367 min  
Delta R.T.: 0.015 min  
Response: 201067762  
Conc: 149.06 ng/ml



#35 AR-1260-5

R.T.: 7.350 min  
Delta R.T.: -0.005 min  
Response: 959825126  
Conc: 122.85 ng/ml