

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040919\  
 Data File : PR037005.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Apr 2019 14:04  
 Operator : SM\SJ  
 Sample : K1560-01  
 Misc : AR1232 LOD 40PPB  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT1-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 03:40:03 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 03 03:09:33 2019  
 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... | 4.395  | 3.468 | 33597201 | 135.8E6  | 21.088 | 23.183    |
| 2)                          | SA Decachlor... | 10.035 | 8.322 | 43820849 | 214.1E6  | 23.389 | 26.817    |
| Target Compounds            |                 |        |       |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.517 | 0        | 4456932  | N.D.   | 18.456 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.533 | 0        | 7135778  | N.D.   | 18.278 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.704 | 0        | 4336245  | N.D.   | 22.231 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.745 | 0        | 2473002  | N.D.   | 16.285 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.952 | 0        | 6428294  | N.D.   | 30.931 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.757 | 0        | 3088884  | N.D.   | 68.305 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.830 | 0        | 5981195  | N.D.   | 39.730 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.830 | 0        | 5981195  | N.D.   | 63.261 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.533 | 0        | 7135778  | N.D.   | 59.741 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.704 | 0        | 4336245  | N.D.   | 75.470 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.785 | 0        | 2487690  | N.D.   | 50.290 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.952 | 0        | 6428294  | N.D.   | 112.163 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.517 | 0        | 4456932  | N.D.   | 39.005 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.533 | 0        | 7135778  | N.D.   | 37.520 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.704 | 0        | 4336245  | N.D.   | 45.352 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.785 | 0        | 2487690  | N.D.   | 27.553 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.295 | 0        | 4464123  | N.D.   | 32.336 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.517 | 0        | 4456932  | N.D.   | 45.894 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.745 | 0        | 2473002  | N.D.   | 18.313 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.785 | 0        | 2487690  | N.D.   | 17.875 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 4.952 | 0        | 6428294  | N.D.   | 36.450 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.333 | 0        | 4065022  | N.D.   | 20.909 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.295 | 0        | 4464123  | N.D.   | 13.573 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.504 | 0        | 2423046  | N.D.   | 8.184 #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.833 | 0        | 113857   | N.D.   | 0.224 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.365 | 0        | 18128928 | N.D.   | 34.277 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.562 | 0        | 4393336  | N.D.   | 16.027 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.839 | 0        | 33706334 | N.D.   | 83.914 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.533 | 0        | 55160387 | N.D.   | 56.714 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.839 | 0        | 33706334 | N.D.   | 77.595 #  |
| -----                       |                 |        |       |          |          |        |           |

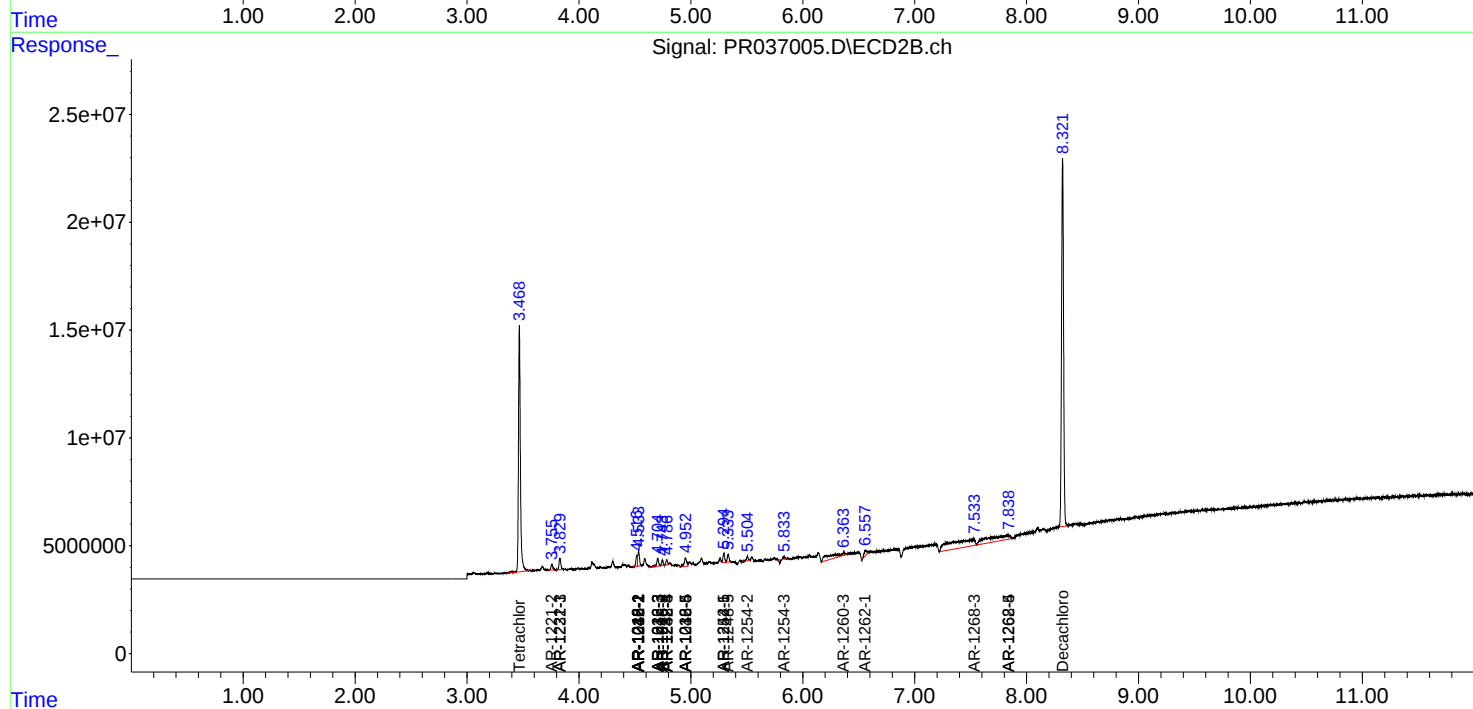
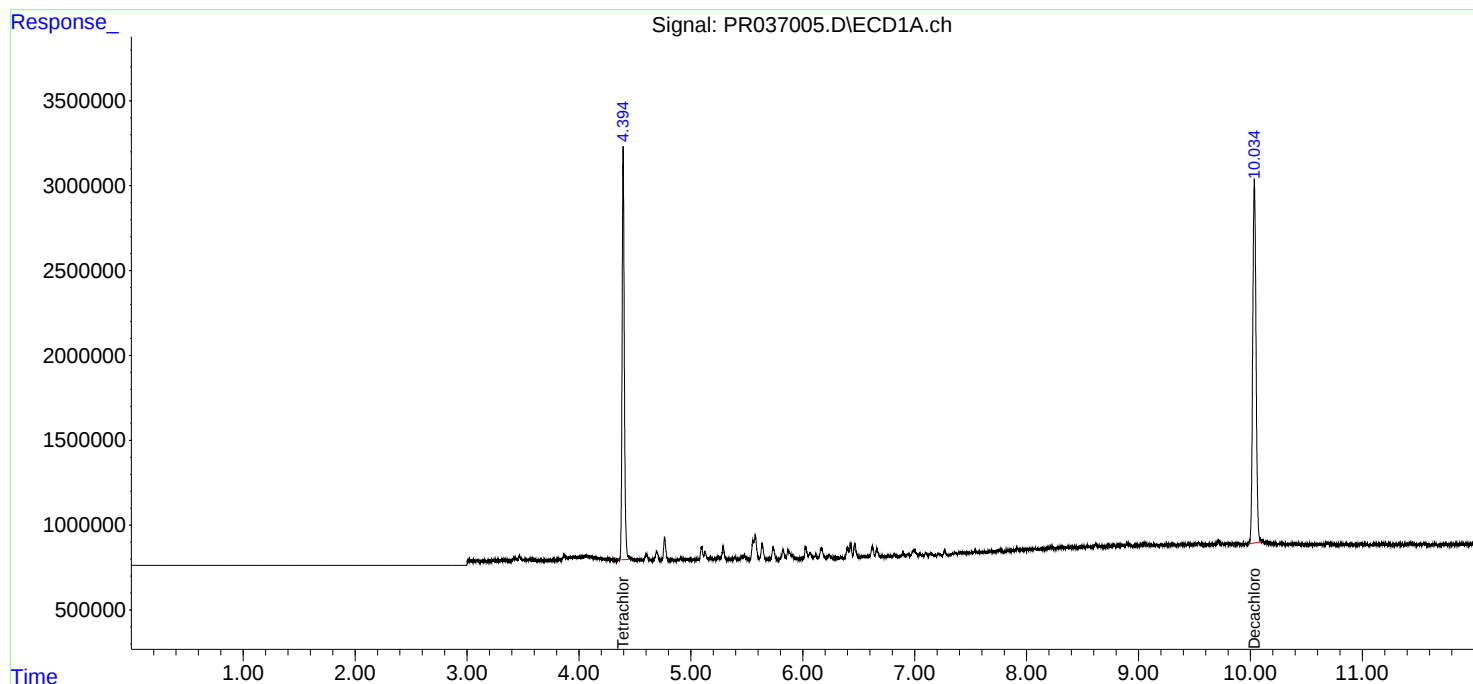
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

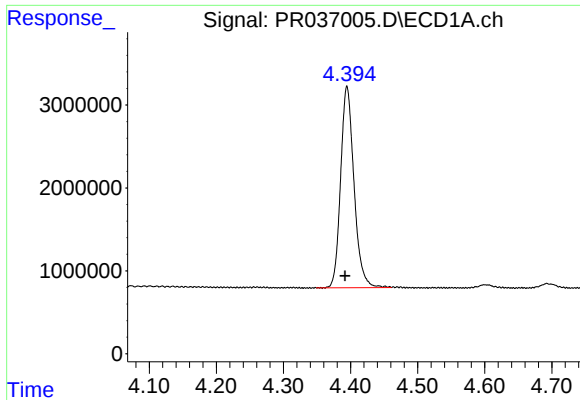
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040919\  
Data File : PR037005.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Apr 2019 14:04  
Operator : SM\SJ  
Sample : K1560-01  
Misc : AR1232 LOD 40PPB  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 03:40:03 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 03 03:09:33 2019  
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

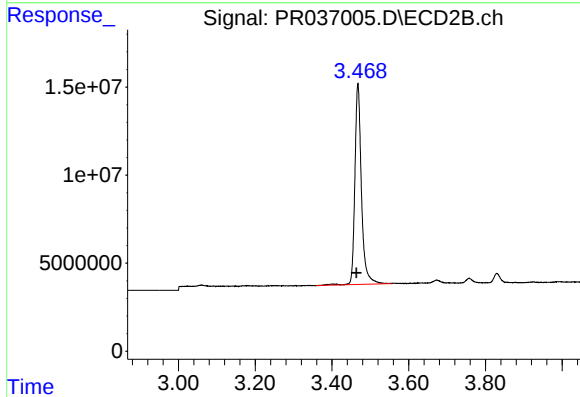




#1 Tetrachloro-m-xylene

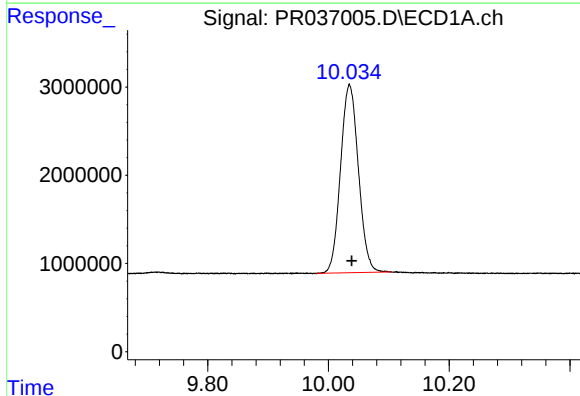
R.T.: 4.395 min  
Delta R.T.: 0.003 min  
Response: 33597201  
Conc: 21.09 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



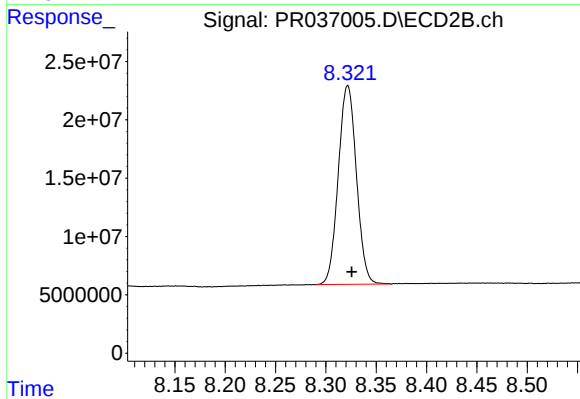
#1 Tetrachloro-m-xylene

R.T.: 3.468 min  
Delta R.T.: 0.004 min  
Response: 135801490  
Conc: 23.18 ng/ml



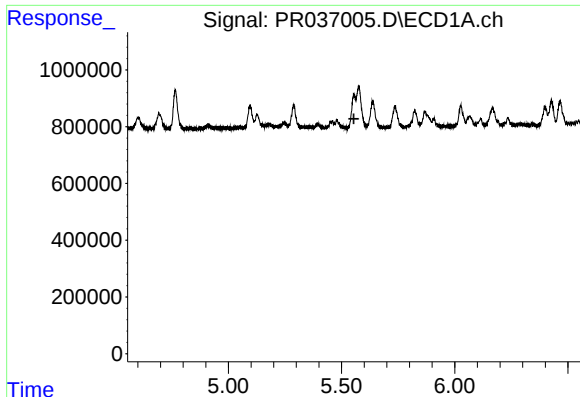
#2 Decachlorobiphenyl

R.T.: 10.035 min  
Delta R.T.: -0.004 min  
Response: 43820849  
Conc: 23.39 ng/ml



#2 Decachlorobiphenyl

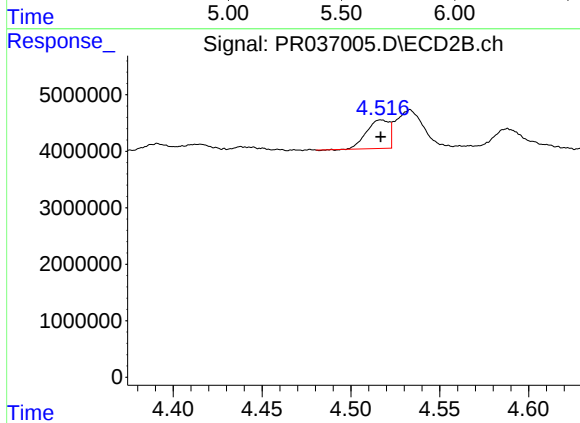
R.T.: 8.322 min  
Delta R.T.: -0.004 min  
Response: 214057934  
Conc: 26.82 ng/ml



#3 AR-1016-1

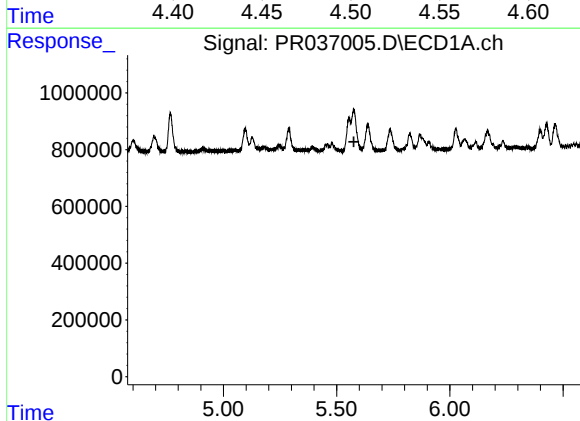
R.T.: 0.000 min  
Exp R.T.: 5.554 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



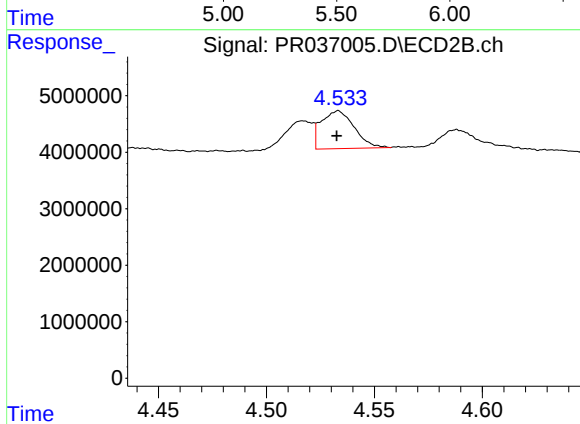
#3 AR-1016-1

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 4456932  
Conc: 18.46 ng/ml



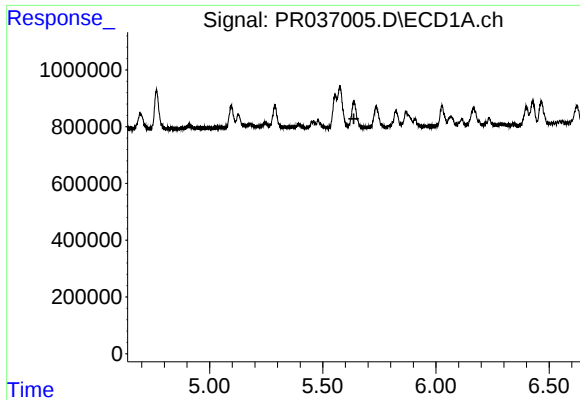
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.576 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

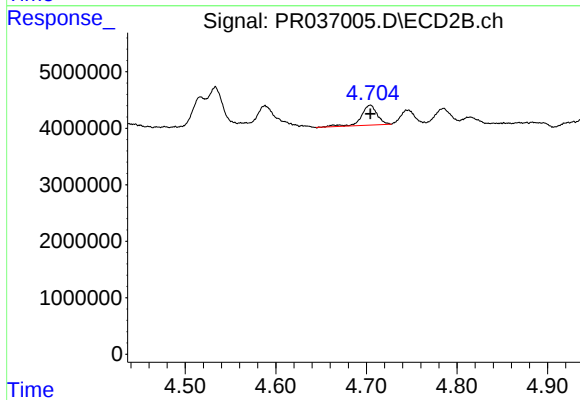
R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 7135778  
Conc: 18.28 ng/ml



#5 AR-1016-3

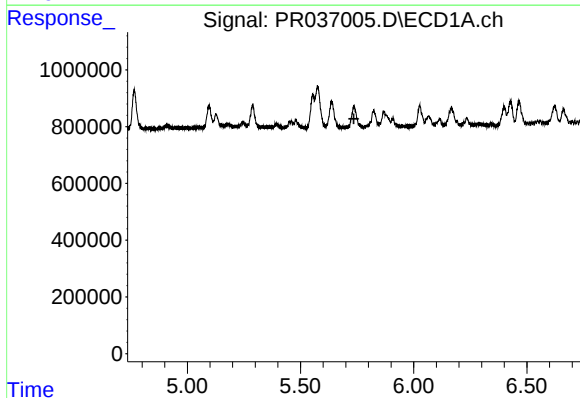
R.T.: 0.000 min  
Exp R.T.: 5.638 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



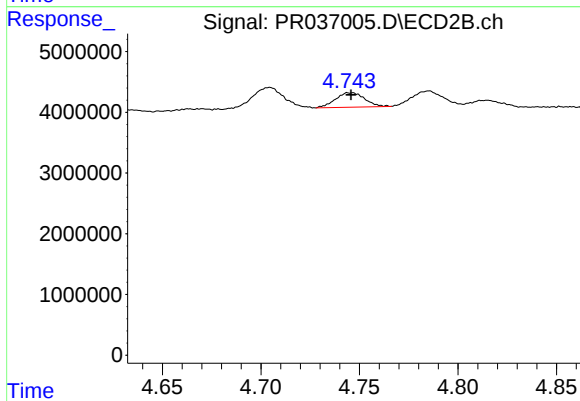
#5 AR-1016-3

R.T.: 4.704 min  
Delta R.T.: 0.000 min  
Response: 4336245  
Conc: 22.23 ng/ml



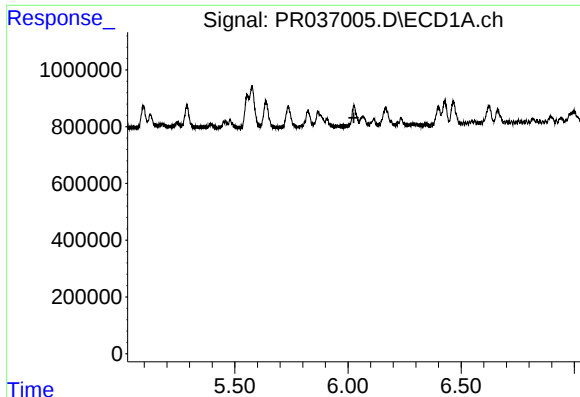
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.736 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

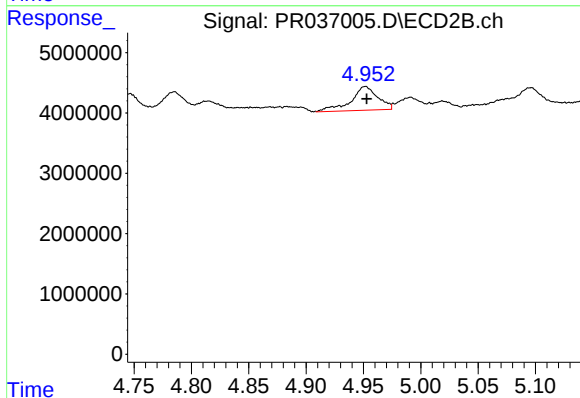
R.T.: 4.745 min  
Delta R.T.: 0.000 min  
Response: 2473002  
Conc: 16.29 ng/ml



#7 AR-1016-5

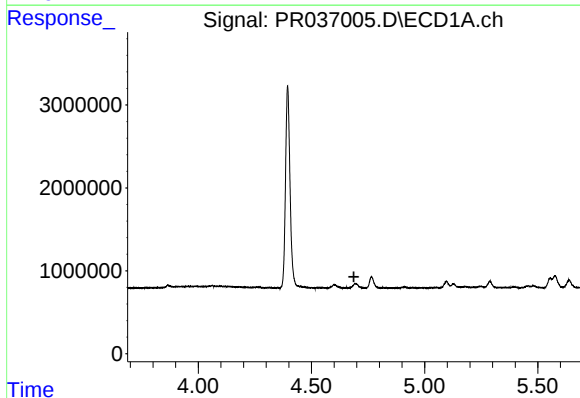
R.T.: 0.000 min  
Exp R.T.: 6.026 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



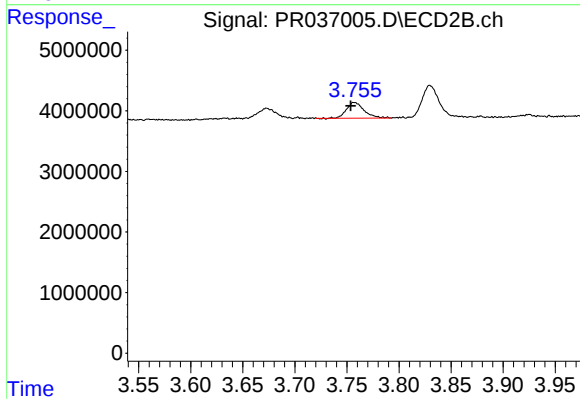
#7 AR-1016-5

R.T.: 4.952 min  
Delta R.T.: -0.002 min  
Response: 6428294  
Conc: 30.93 ng/ml



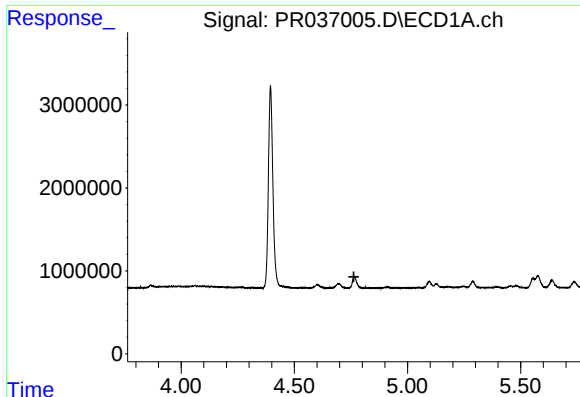
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.688 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

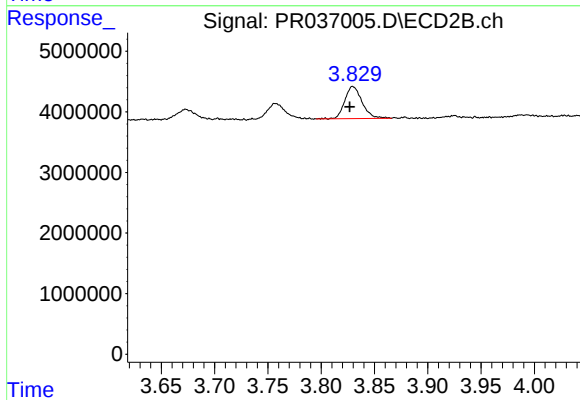
R.T.: 3.757 min  
Delta R.T.: 0.003 min  
Response: 3088884  
Conc: 68.31 ng/ml



#10 AR-1221-3

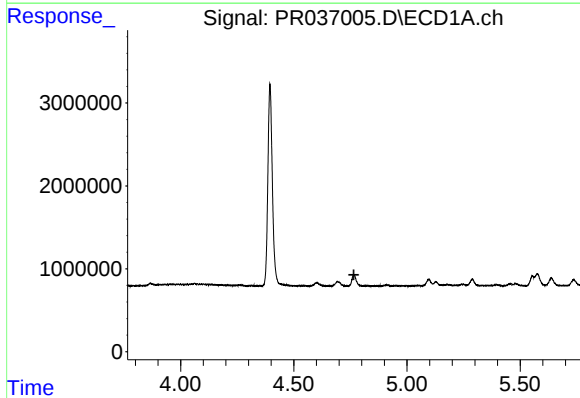
R.T.: 0.000 min  
Exp R.T. : 4.763 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



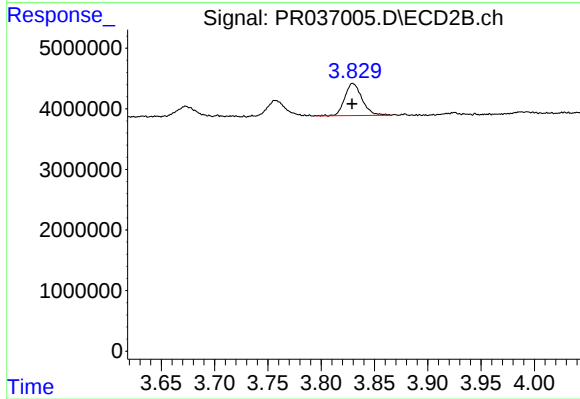
#10 AR-1221-3

R.T.: 3.830 min  
Delta R.T.: 0.003 min  
Response: 5981195  
Conc: 39.73 ng/ml



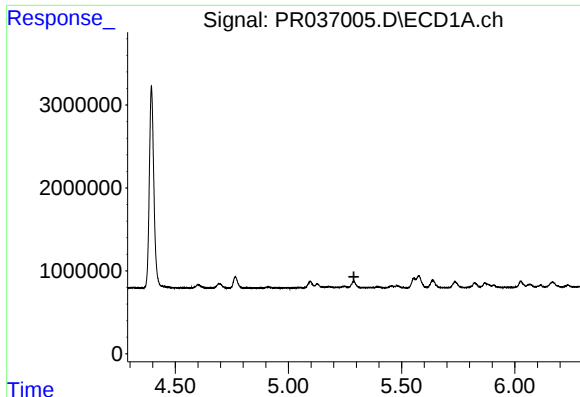
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.766 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

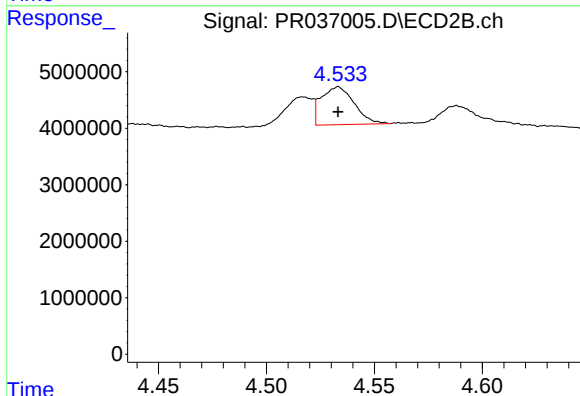
R.T.: 3.830 min  
Delta R.T.: 0.000 min  
Response: 5981195  
Conc: 63.26 ng/ml



#12 AR-1232-2

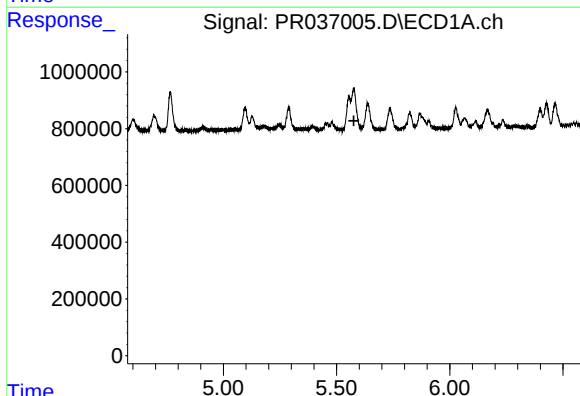
R.T.: 0.000 min  
Exp R.T.: 5.289 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



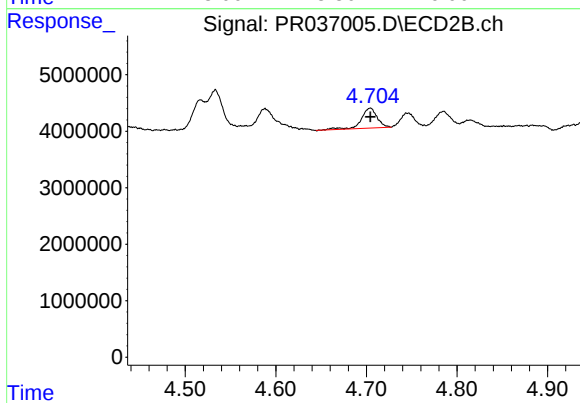
#12 AR-1232-2

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 7135778  
Conc: 59.74 ng/ml



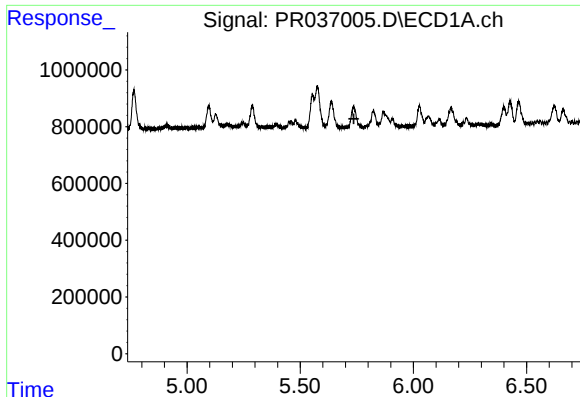
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.576 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

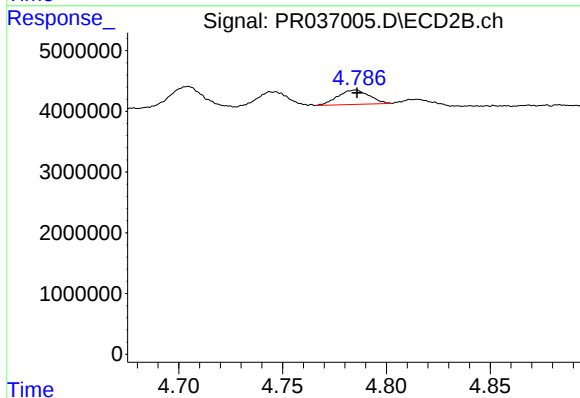
R.T.: 4.704 min  
Delta R.T.: 0.000 min  
Response: 4336245  
Conc: 75.47 ng/ml



#14 AR-1232-4

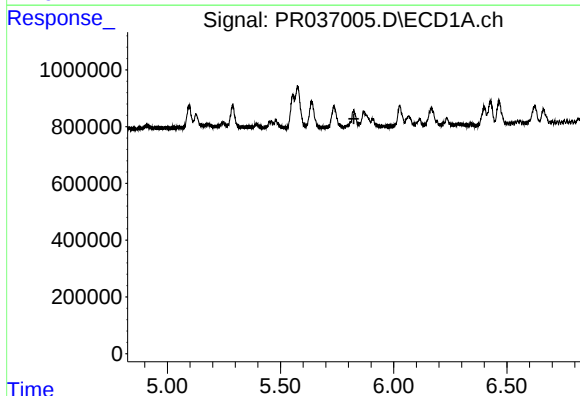
R.T.: 0.000 min  
Exp R.T.: 5.737 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



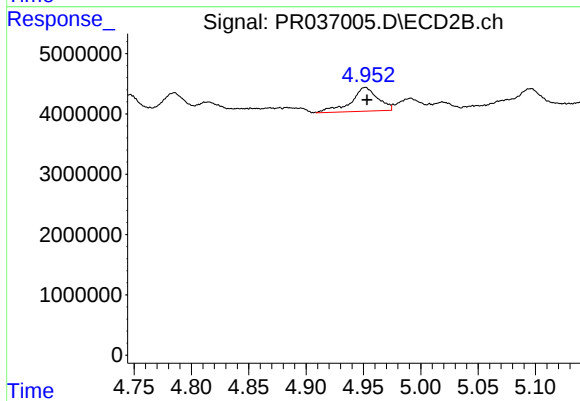
#14 AR-1232-4

R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 2487690  
Conc: 50.29 ng/ml



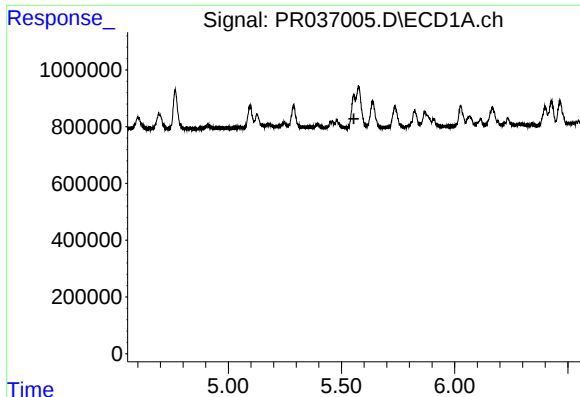
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.824 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

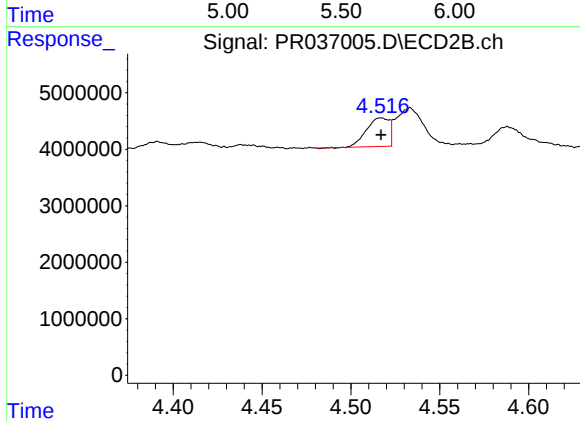
R.T.: 4.952 min  
Delta R.T.: -0.002 min  
Response: 6428294  
Conc: 112.16 ng/ml



#16 AR-1242-1

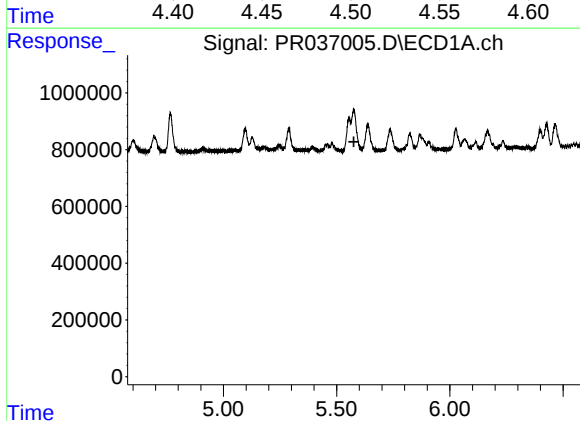
R.T.: 0.000 min  
Exp R.T.: 5.555 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



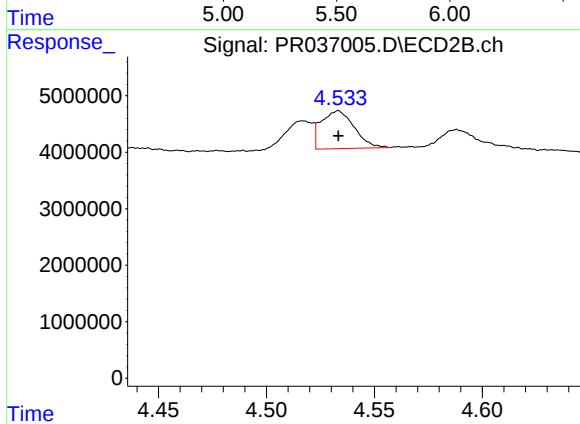
#16 AR-1242-1

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 4456932  
Conc: 39.00 ng/ml



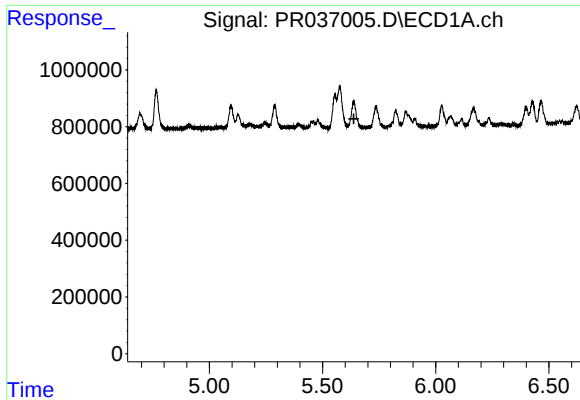
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.576 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

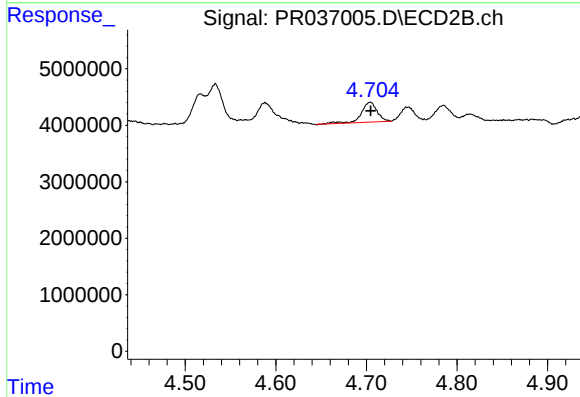
R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 7135778  
Conc: 37.52 ng/ml



#18 AR-1242-3

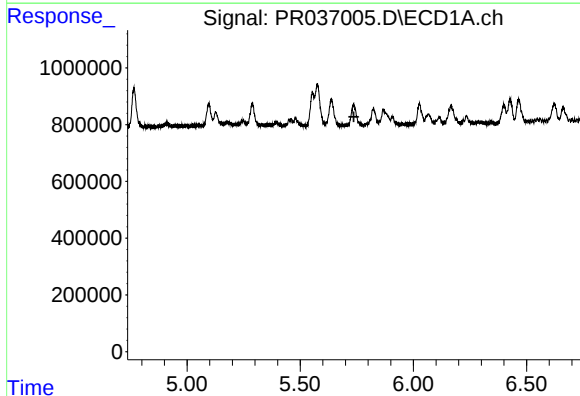
R.T.: 0.000 min  
Exp R.T.: 5.639 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



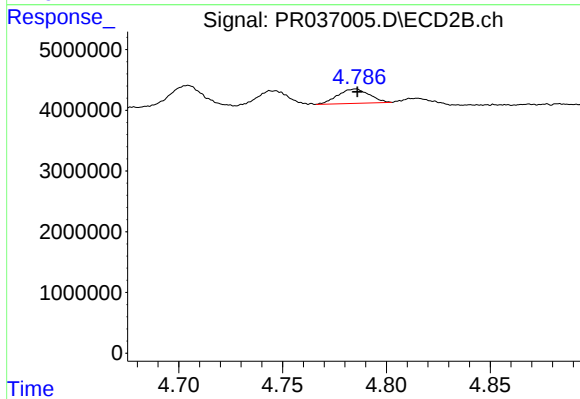
#18 AR-1242-3

R.T.: 4.704 min  
Delta R.T.: 0.000 min  
Response: 4336245  
Conc: 45.35 ng/ml



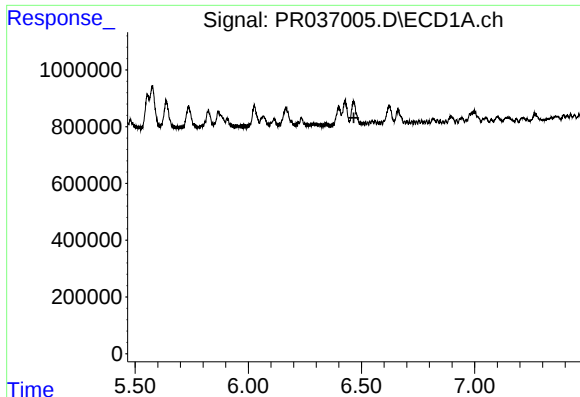
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.737 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

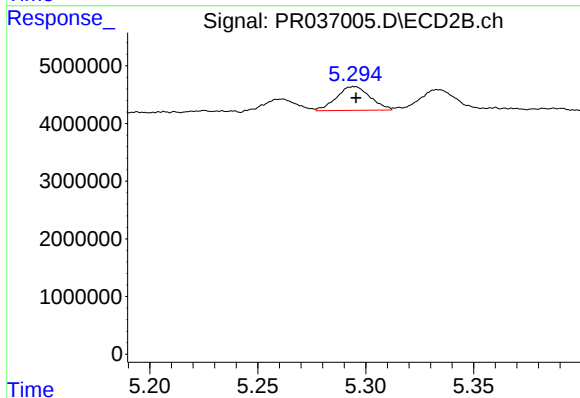
R.T.: 4.785 min  
Delta R.T.: -0.001 min  
Response: 2487690  
Conc: 27.55 ng/ml



#20 AR-1242-5

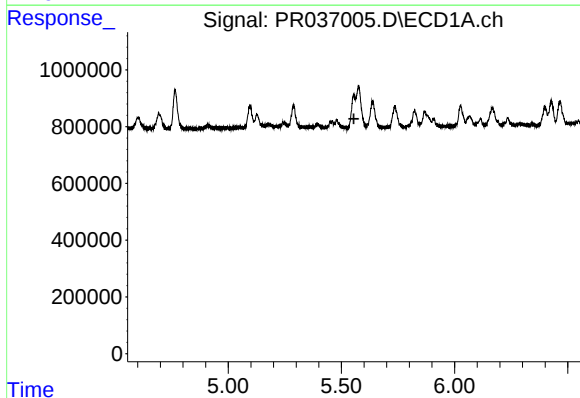
R.T.: 0.000 min  
Exp R.T.: 6.467 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



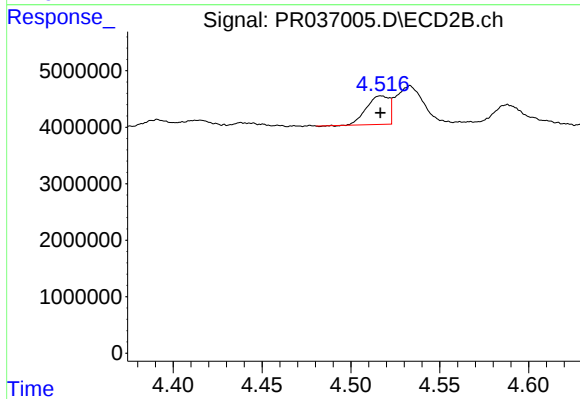
#20 AR-1242-5

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 4464123  
Conc: 32.34 ng/ml



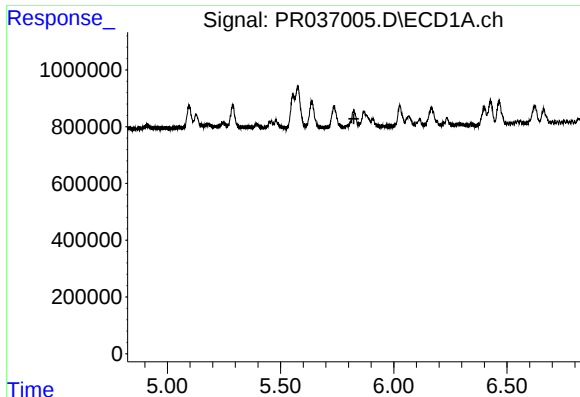
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.555 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

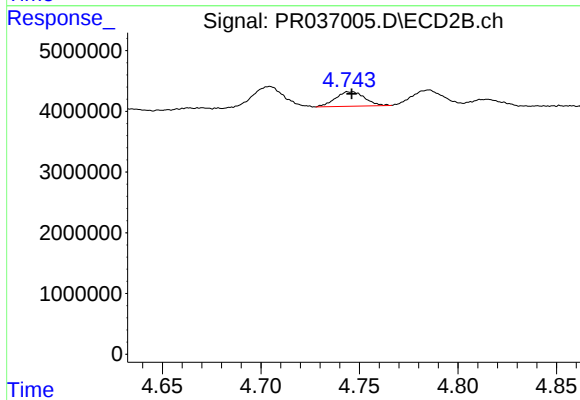
R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 4456932  
Conc: 45.89 ng/ml



#22 AR-1248-2

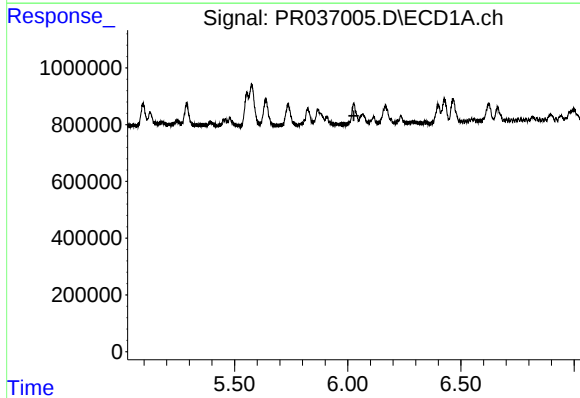
R.T.: 0.000 min  
Exp R.T.: 5.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



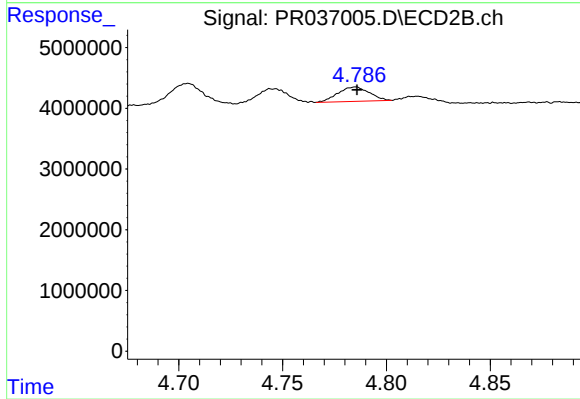
#22 AR-1248-2

R.T.: 4.745 min  
Delta R.T.: 0.000 min  
Response: 2473002  
Conc: 18.31 ng/ml



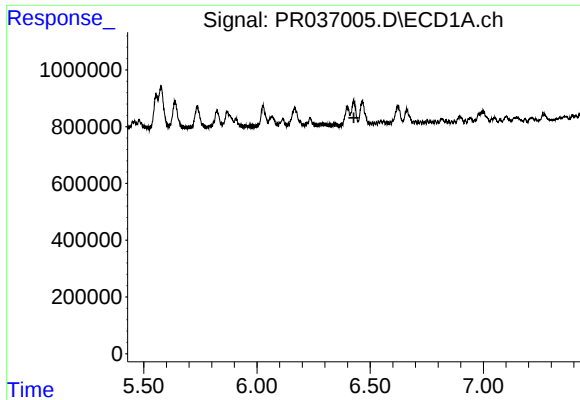
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.027 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

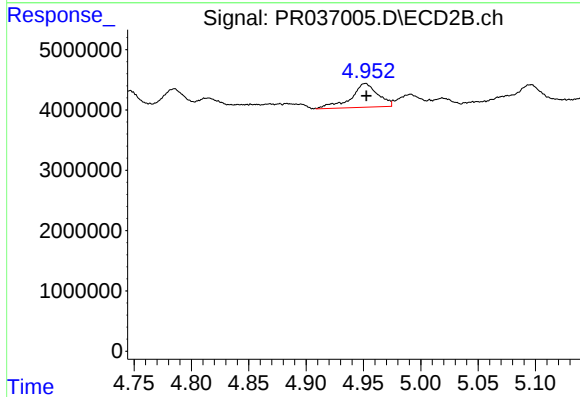
R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 2487690  
Conc: 17.87 ng/ml



#24 AR-1248-4

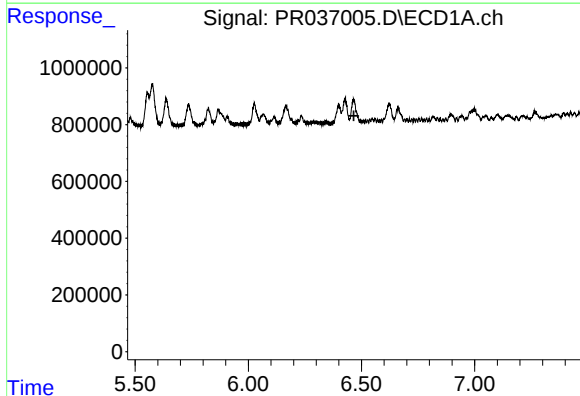
R.T.: 0.000 min  
Exp R.T.: 6.428 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



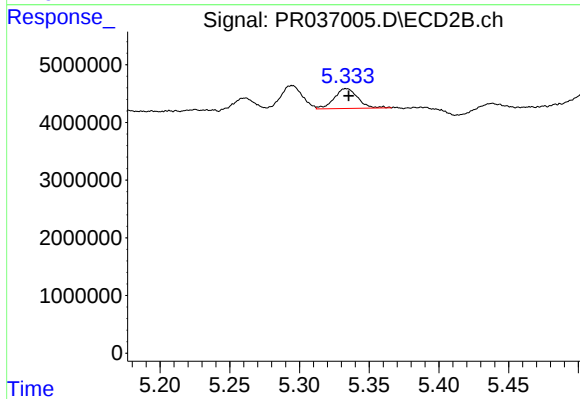
#24 AR-1248-4

R.T.: 4.952 min  
Delta R.T.: -0.001 min  
Response: 6428294  
Conc: 36.45 ng/ml



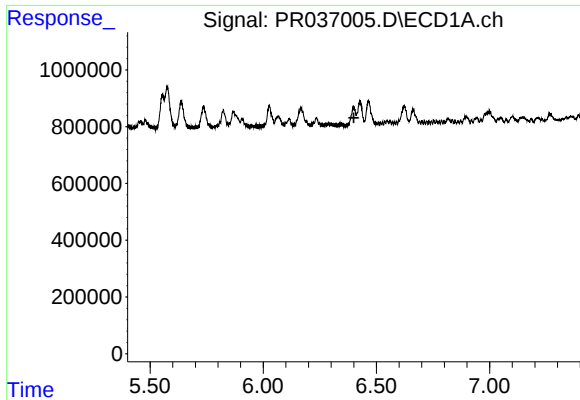
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.467 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

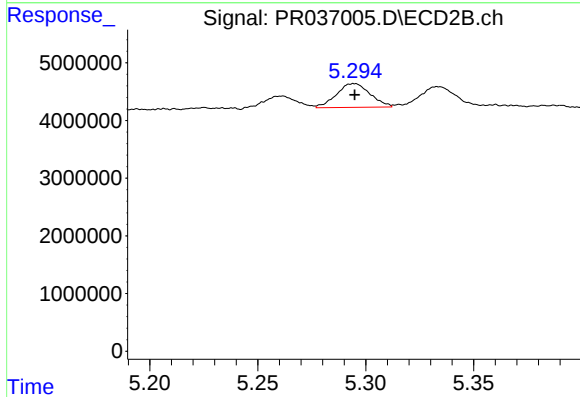
R.T.: 5.333 min  
Delta R.T.: -0.002 min  
Response: 4065022  
Conc: 20.91 ng/ml



#26 AR-1254-1

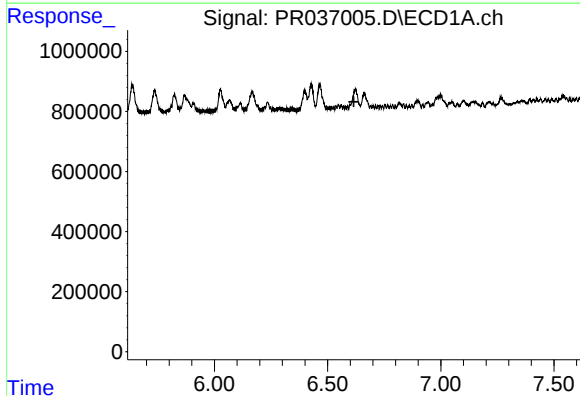
R.T.: 0.000 min  
Exp R.T.: 6.400 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



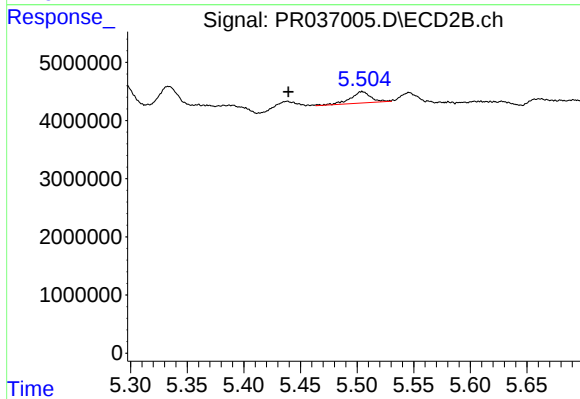
#26 AR-1254-1

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 4464123  
Conc: 13.57 ng/ml



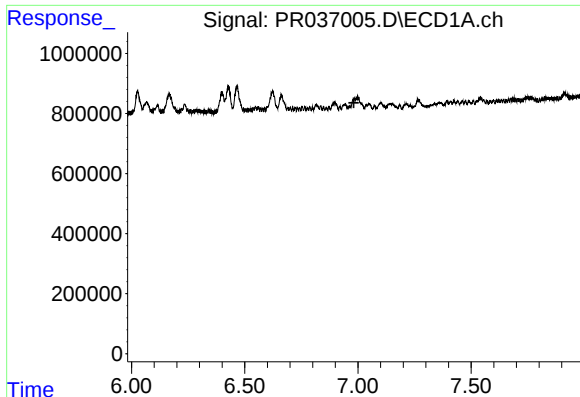
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.616 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

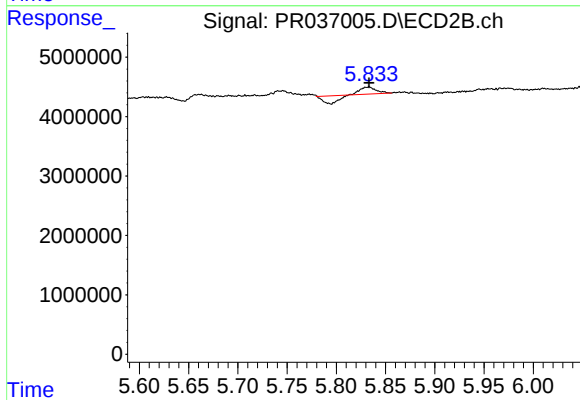
R.T.: 5.504 min  
Delta R.T.: 0.065 min  
Response: 2423046  
Conc: 8.18 ng/ml



#28 AR-1254-3

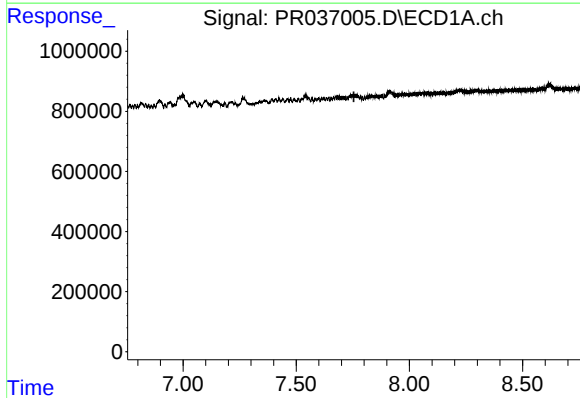
R.T.: 0.000 min  
Exp R.T.: 6.982 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



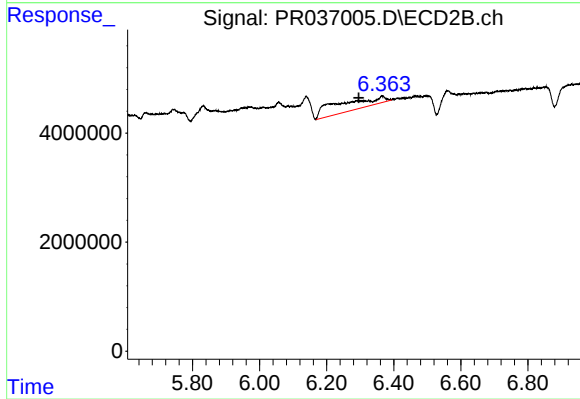
#28 AR-1254-3

R.T.: 5.833 min  
Delta R.T.: 0.000 min  
Response: 113857  
Conc: 0.22 ng/ml



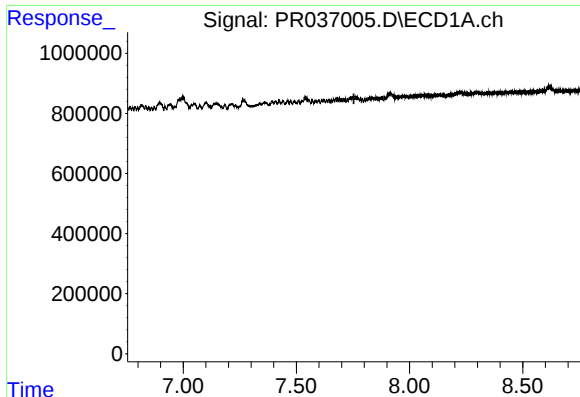
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.755 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

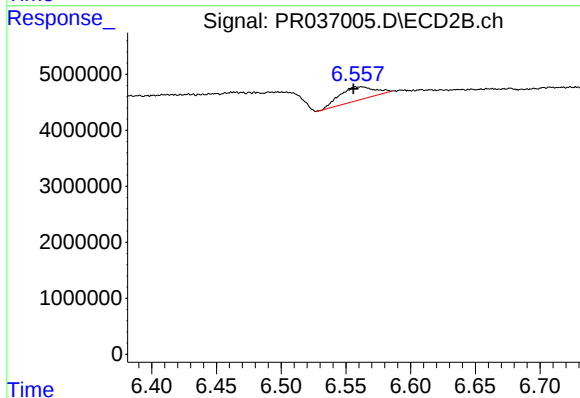
R.T.: 6.365 min  
Delta R.T.: 0.069 min  
Response: 18128928  
Conc: 34.28 ng/ml



#36 AR-1262-1

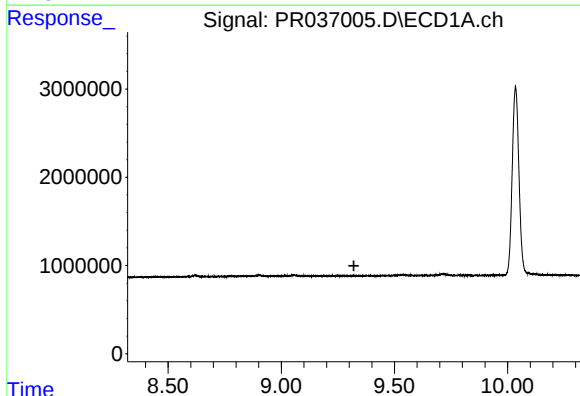
R.T.: 0.000 min  
Exp R.T.: 7.754 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



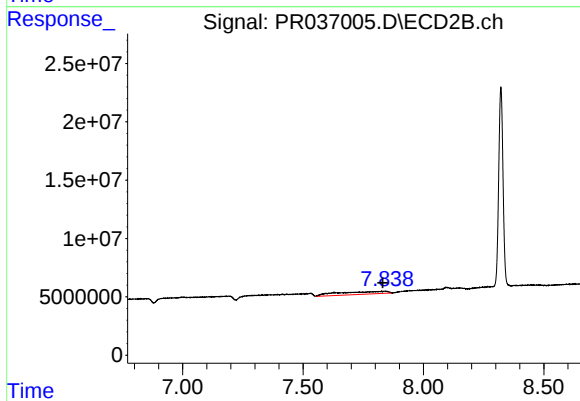
#36 AR-1262-1

R.T.: 6.562 min  
Delta R.T.: 0.006 min  
Response: 4393336  
Conc: 16.03 ng/ml



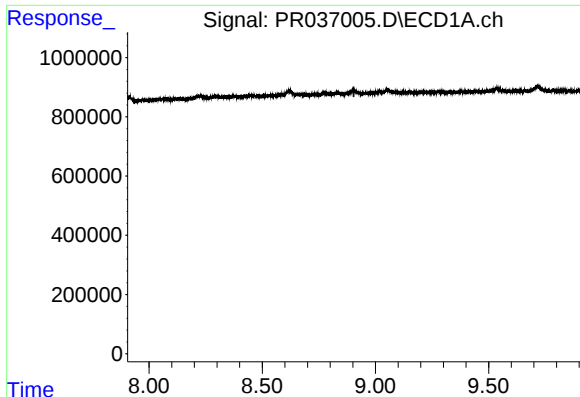
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.321 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

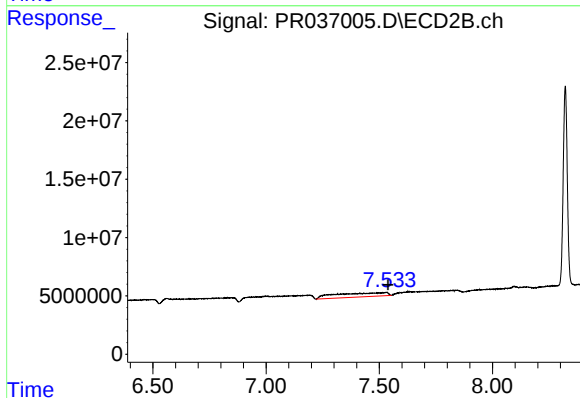
R.T.: 7.839 min  
Delta R.T.: 0.008 min  
Response: 33706334  
Conc: 83.91 ng/ml



#43 AR-1268-3

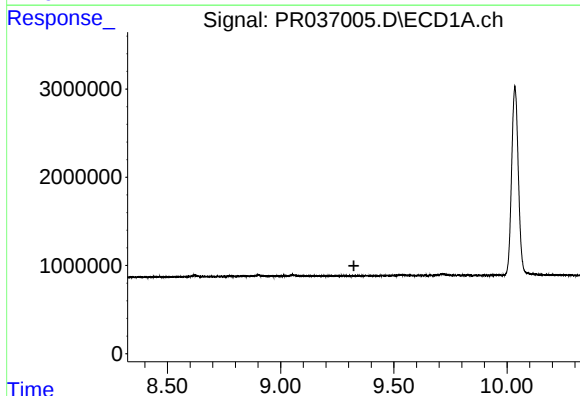
R.T.: 0.000 min  
Exp R.T.: 8.905 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2019



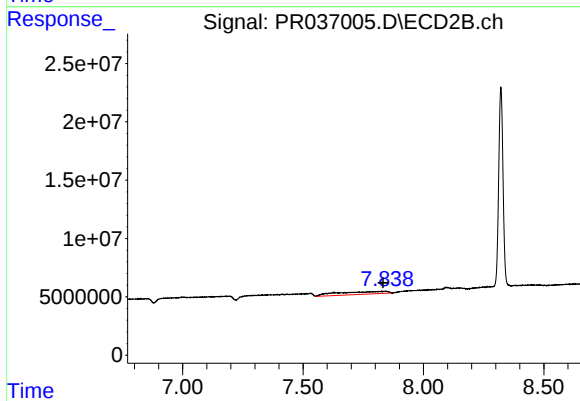
#43 AR-1268-3

R.T.: 7.533 min  
Delta R.T.: -0.006 min  
Response: 55160387  
Conc: 56.71 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.323 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 7.839 min  
Delta R.T.: 0.007 min  
Response: 33706334  
Conc: 77.60 ng/ml