

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP021025\  
 Data File : PP069631.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Feb 2025 19:50  
 Operator : YP\AJ  
 Sample : Q1344-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 RV-SOILMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 11 06:08:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012825.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 29 00:13:21 2025  
 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... | 4.530  | 3.835  | 35112620 | 22410462 | 24.529 | 25.109   |
| 2)                          | SA Decachlor... | 10.259 | 8.894  | 22409165 | 24403082 | 20.504 | 21.818   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.989f | 0        | 310582   | N.D.   | 9.523 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.989f | 0        | 310582   | N.D.   | 6.908 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.178f | 0        | 74642    | N.D.   | 3.000 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.178  | 0        | 74642    | N.D.   | 3.696 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.380  | 0        | 171971   | N.D.   | 6.411 #  |
| 8)                          | L2 AR-1221-1    | 4.729  | 4.030  | 806439   | 59951    | 42.401 | 4.867 #  |
| 9)                          | L2 AR-1221-2    | 4.832  | 4.139  | 952383   | 633883   | 69.555 | 65.461   |
| 10)                         | L2 AR-1221-3    | 4.832f | 4.174f | 952383   | 26079    | 22.706 | 0.894 #  |
| 11)                         | L3 AR-1232-1    | 4.832f | 4.174f | 952383   | 26079    | 28.606 | 1.111 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.989f | 0        | 310582   | N.D.   | 13.176 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.178f | 0        | 74642    | N.D.   | 5.765 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.206  | 0        | 59039    | N.D.   | 5.325 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.380  | 0        | 171971   | N.D.   | 14.084 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.989f | 0        | 310582   | N.D.   | 10.772 # |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.989f | 0        | 310582   | N.D.   | 7.883 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.178f | 0        | 74642    | N.D.   | 3.317 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.206  | 0        | 59039    | N.D.   | 2.736 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.760  | 0        | 386535   | N.D.   | 13.436 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.989f | 0        | 310582   | N.D.   | 14.111 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.178  | 0        | 74642    | N.D.   | 2.483 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.206  | 0        | 59039    | N.D.   | 1.905 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.380  | 0        | 171971   | N.D.   | 4.655 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.760  | 0        | 386535   | N.D.   | 10.338 # |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.760  | 0        | 386535   | N.D.   | 7.021 #  |
| 29)                         | L6 AR-1254-4    | 7.471f | 6.527  | 2829702  | 180731   | 41.499 | 3.526 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.454  | 0        | 1298973  | N.D.   | 26.933 # |
| 32)                         | L7 AR-1260-2    | 7.540  | 6.584  | 634962   | 481363   | 8.160  | 7.852    |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.760  | 0        | 914518   | N.D.   | 15.202 # |
| 34)                         | L7 AR-1260-4    | 8.093  | 7.265  | 604840   | 41926    | 9.167  | 0.902 #  |
| 35)                         | L7 AR-1260-5    | 8.396f | 7.437f | 642298   | 144562   | 4.906  | 1.301 #  |
| 36)                         | L8 AR-1262-1    | 8.093  | 0.000  | 604840   | 0        | 7.654  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.396f | 7.265  | 642298   | 41926    | 4.200  | 0.688 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.762  | 0        | 42107    | N.D.   | 0.805 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.762  | 0        | 42107    | N.D.   | 0.290 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.625  | 0        | 147278   | N.D.   | 0.413 #  |
| -----                       |                 |        |        |          |          |        |          |

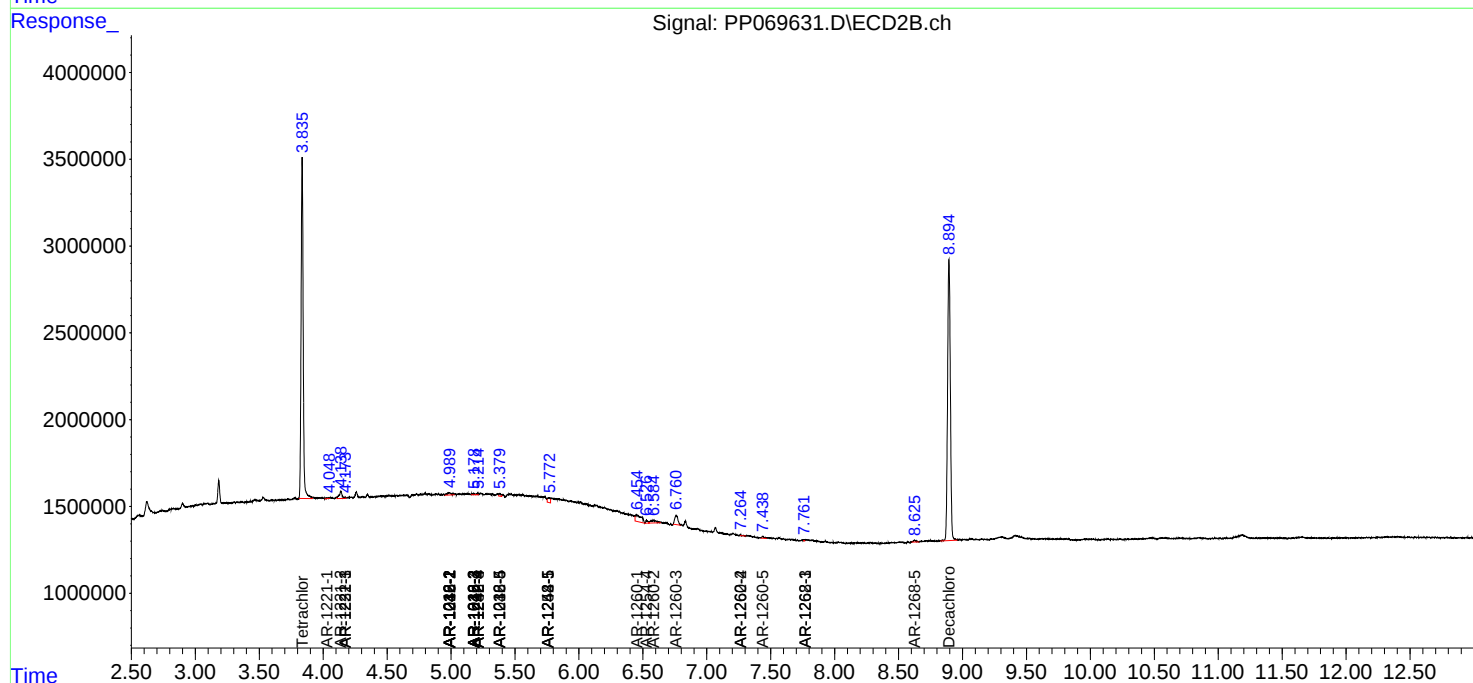
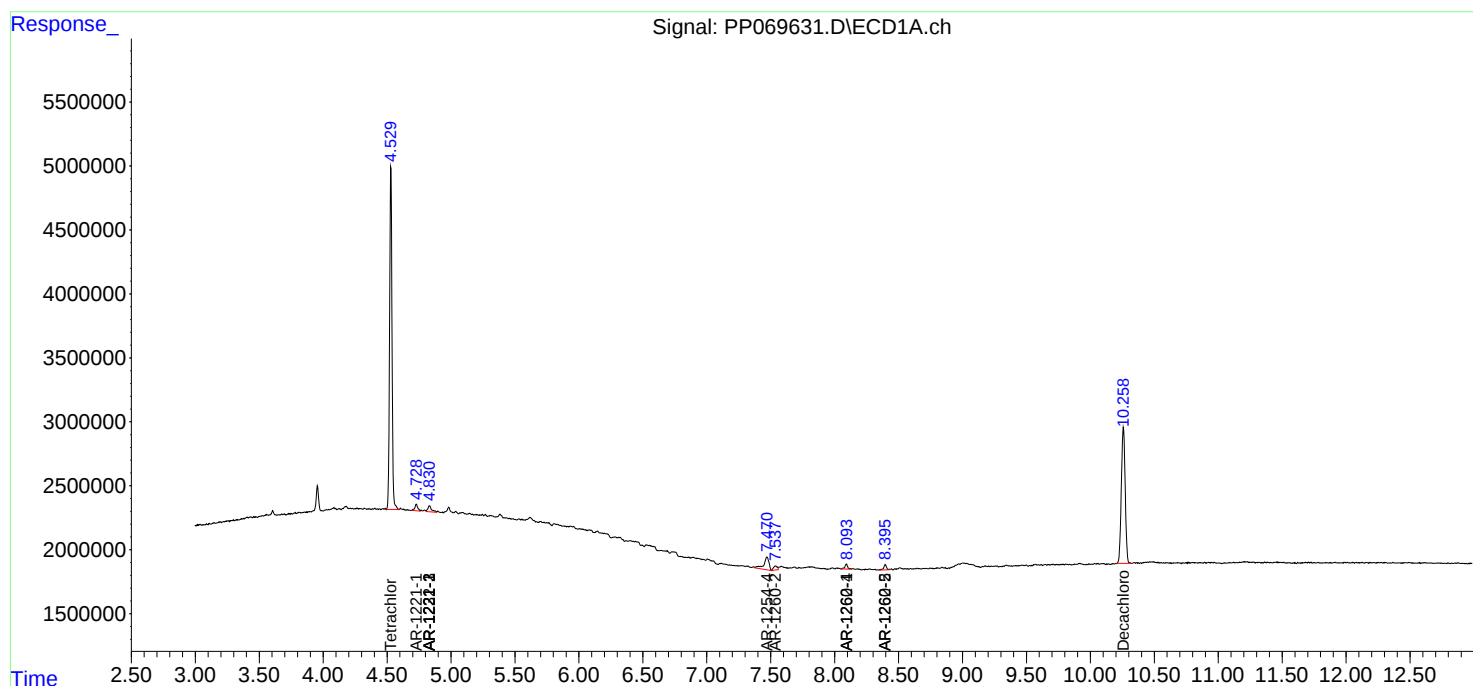
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

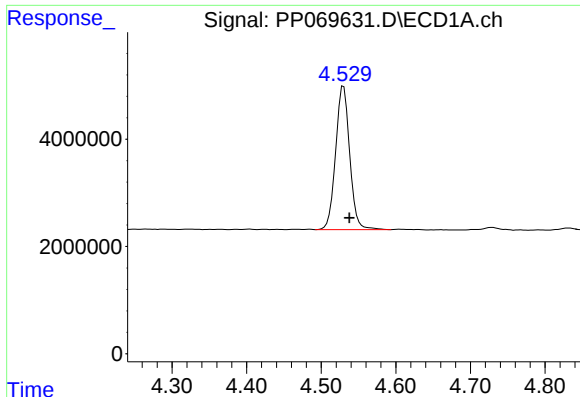
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP021025\  
Data File : PP069631.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Feb 2025 19:50  
Operator : YP\AJ  
Sample : Q1344-03  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 11 06:08:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012825.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jan 29 00:13:21 2025  
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

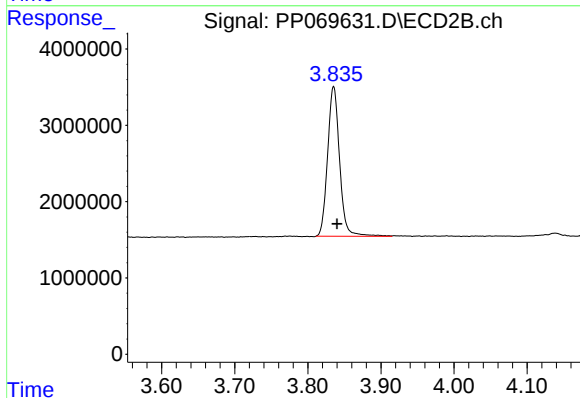




#1 Tetrachloro-m-xylene

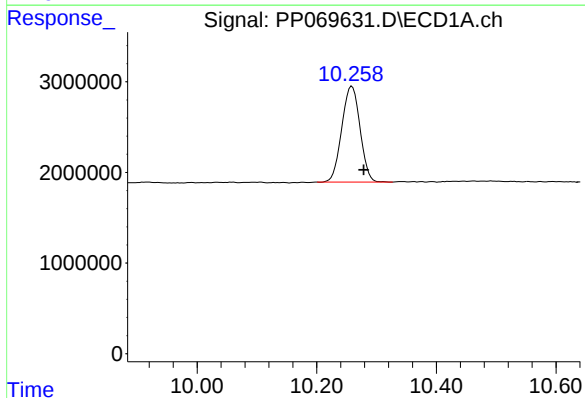
R.T.: 4.530 min  
Delta R.T.: -0.008 min  
Response: 35112620  
Conc: 24.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



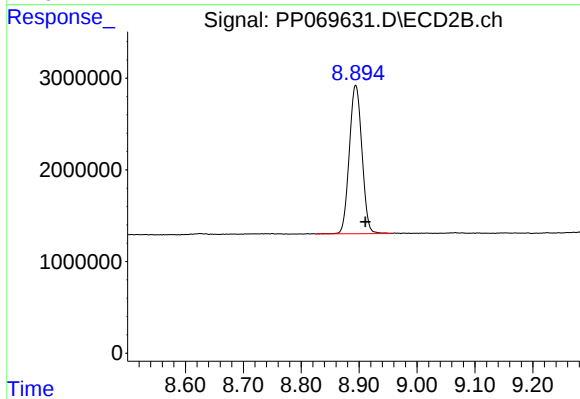
#1 Tetrachloro-m-xylene

R.T.: 3.835 min  
Delta R.T.: -0.005 min  
Response: 22410462  
Conc: 25.11 ng/ml



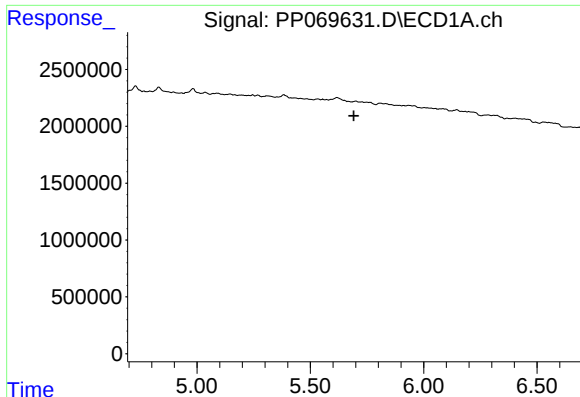
#2 Decachlorobiphenyl

R.T.: 10.259 min  
Delta R.T.: -0.020 min  
Response: 22409165  
Conc: 20.50 ng/ml



#2 Decachlorobiphenyl

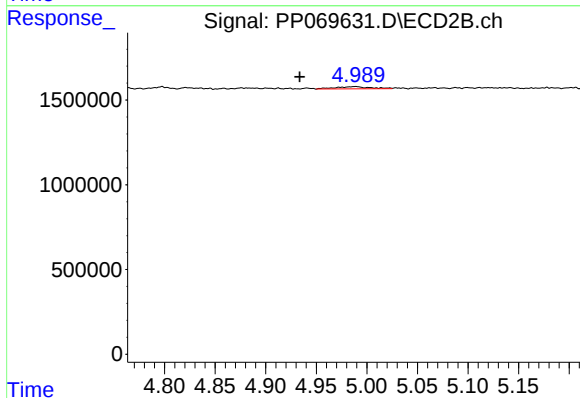
R.T.: 8.894 min  
Delta R.T.: -0.017 min  
Response: 24403082  
Conc: 21.82 ng/ml



#3 AR-1016-1

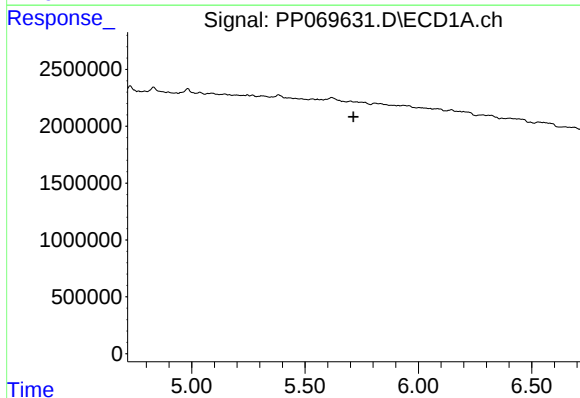
R.T.: 0.000 min  
Exp R.T.: 5.692 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



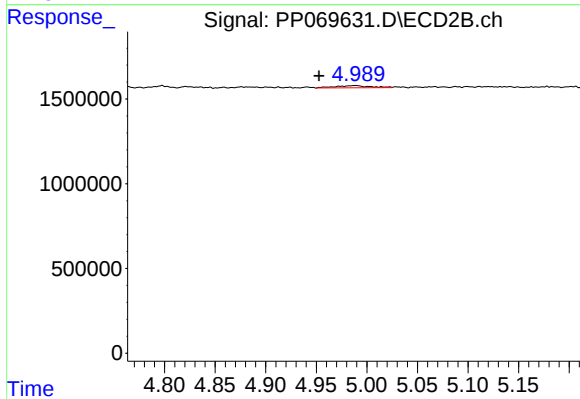
#3 AR-1016-1

R.T.: 4.989 min  
Delta R.T.: 0.055 min  
Response: 310582  
Conc: 9.52 ng/ml



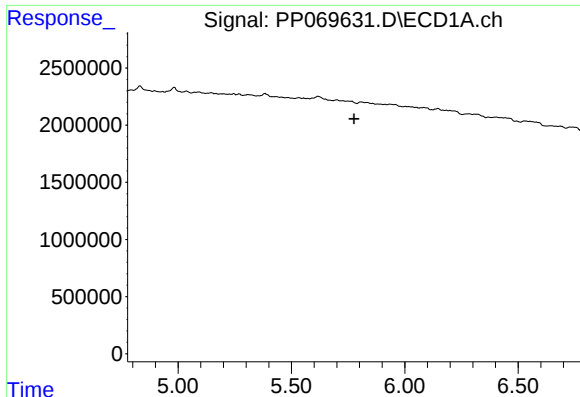
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.714 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

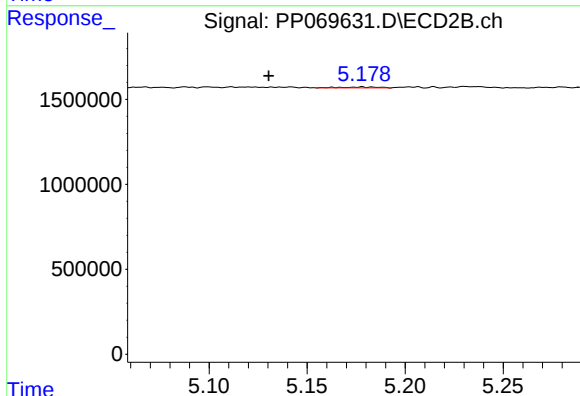
R.T.: 4.989 min  
Delta R.T.: 0.036 min  
Response: 310582  
Conc: 6.91 ng/ml



#5 AR-1016-3

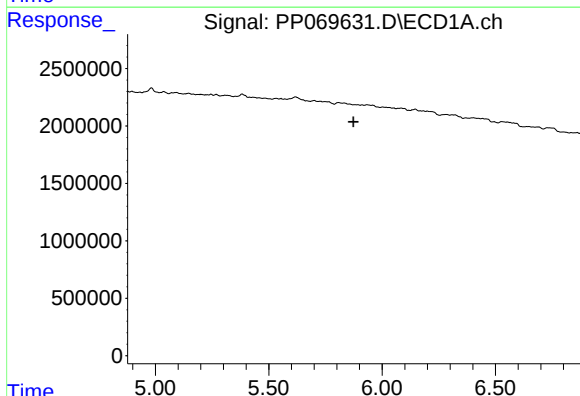
R.T.: 0.000 min  
Exp R.T.: 5.776 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



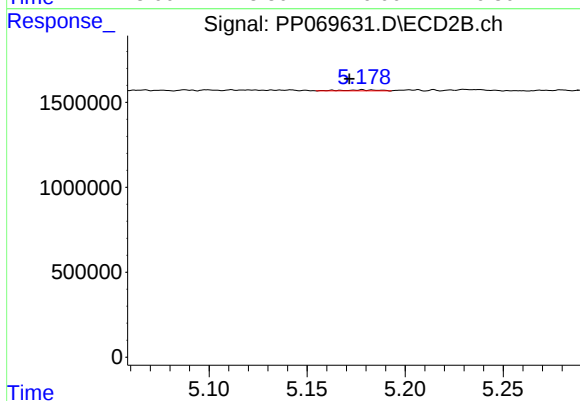
#5 AR-1016-3

R.T.: 5.178 min  
Delta R.T.: 0.048 min  
Response: 74642  
Conc: 3.00 ng/ml



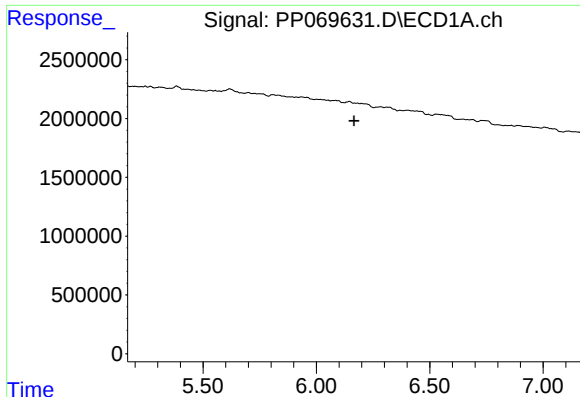
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.874 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

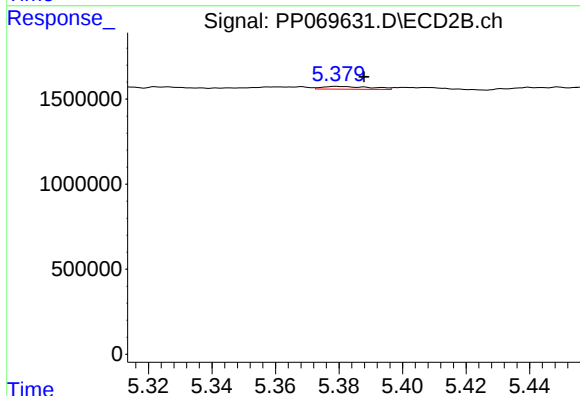
R.T.: 5.178 min  
Delta R.T.: 0.006 min  
Response: 74642  
Conc: 3.70 ng/ml



#7 AR-1016-5

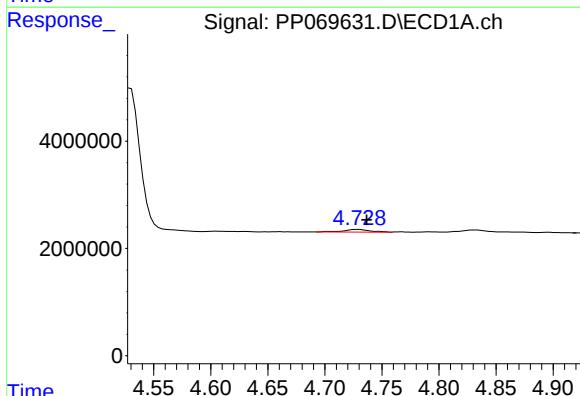
R.T.: 0.000 min  
Exp R.T.: 6.167 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



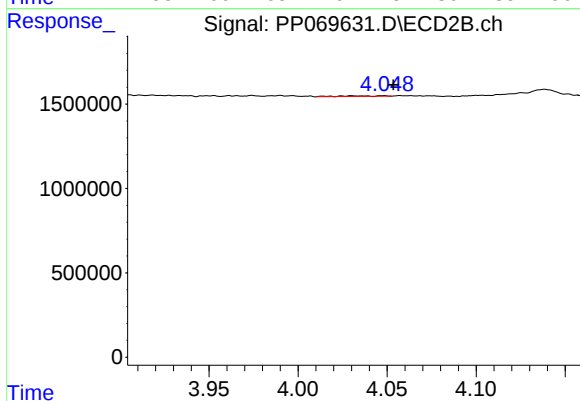
#7 AR-1016-5

R.T.: 5.380 min  
Delta R.T.: -0.008 min  
Response: 171971  
Conc: 6.41 ng/ml



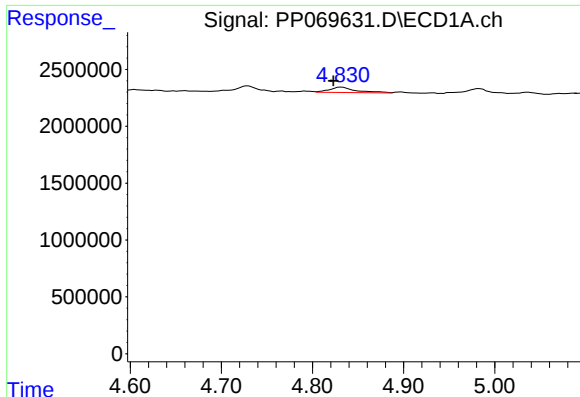
#8 AR-1221-1

R.T.: 4.729 min  
Delta R.T.: -0.007 min  
Response: 806439  
Conc: 42.40 ng/ml



#8 AR-1221-1

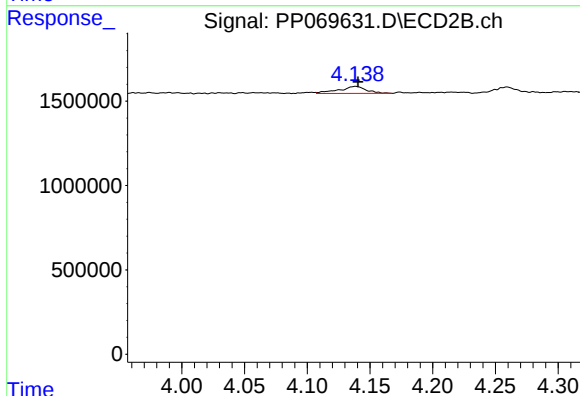
R.T.: 4.030 min  
Delta R.T.: -0.023 min  
Response: 59951  
Conc: 4.87 ng/ml



#9 AR-1221-2

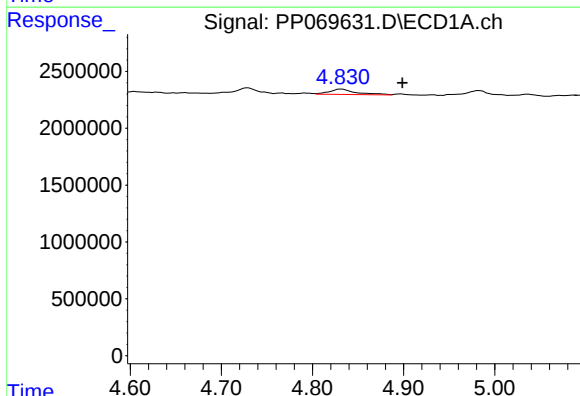
R.T.: 4.832 min  
Delta R.T.: 0.009 min  
Response: 952383  
Conc: 69.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



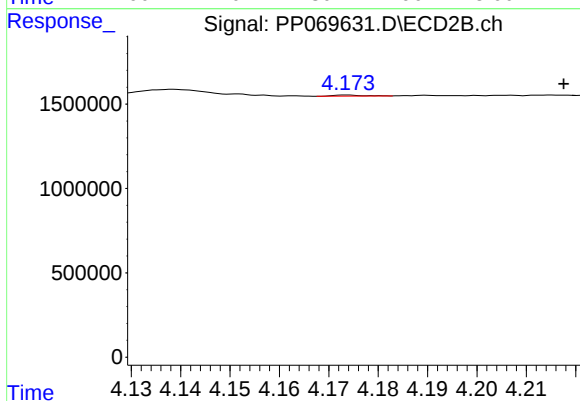
#9 AR-1221-2

R.T.: 4.139 min  
Delta R.T.: -0.002 min  
Response: 633883  
Conc: 65.46 ng/ml



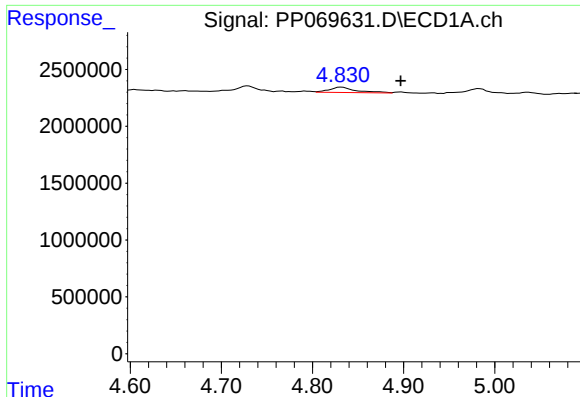
#10 AR-1221-3

R.T.: 4.832 min  
Delta R.T.: -0.067 min  
Response: 952383  
Conc: 22.71 ng/ml



#10 AR-1221-3

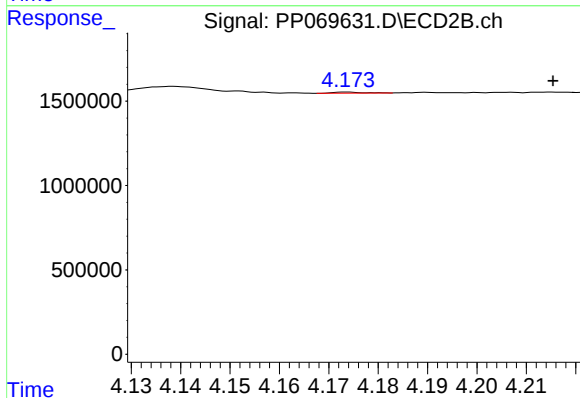
R.T.: 4.174 min  
Delta R.T.: -0.044 min  
Response: 26079  
Conc: 0.89 ng/ml



#11 AR-1232-1

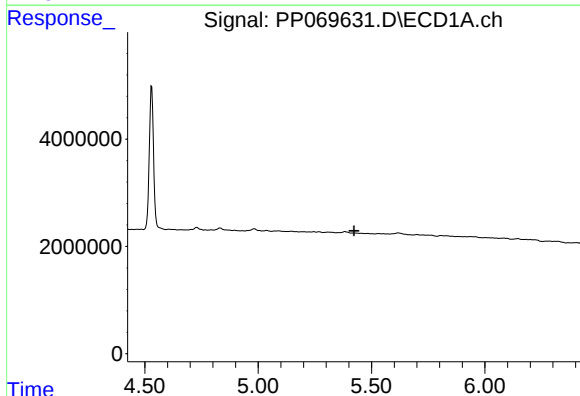
R.T.: 4.832 min  
Delta R.T.: -0.065 min  
Response: 952383  
Conc: 28.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



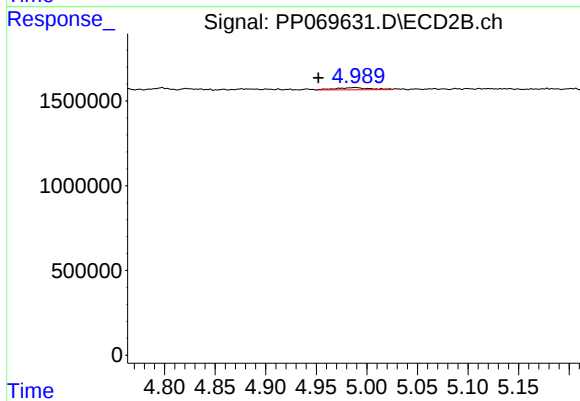
#11 AR-1232-1

R.T.: 4.174 min  
Delta R.T.: -0.042 min  
Response: 26079  
Conc: 1.11 ng/ml



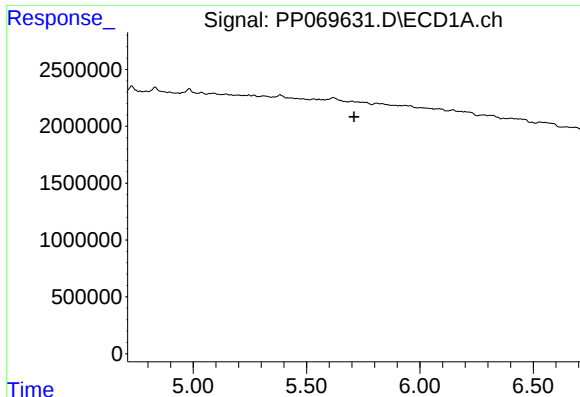
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.424 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

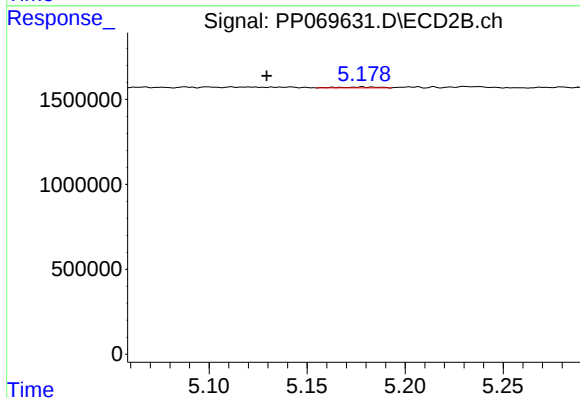
R.T.: 4.989 min  
Delta R.T.: 0.037 min  
Response: 310582  
Conc: 13.18 ng/ml



#13 AR-1232-3

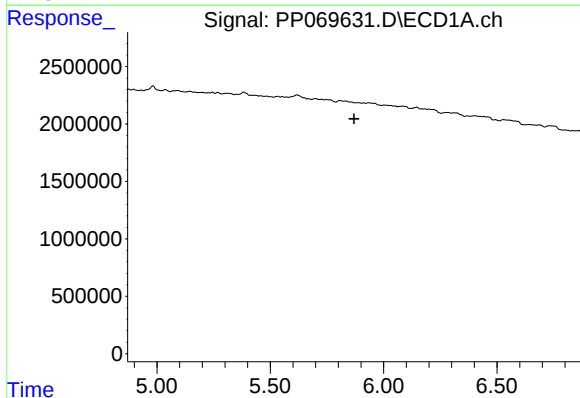
R.T.: 0.000 min  
Exp R.T.: 5.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



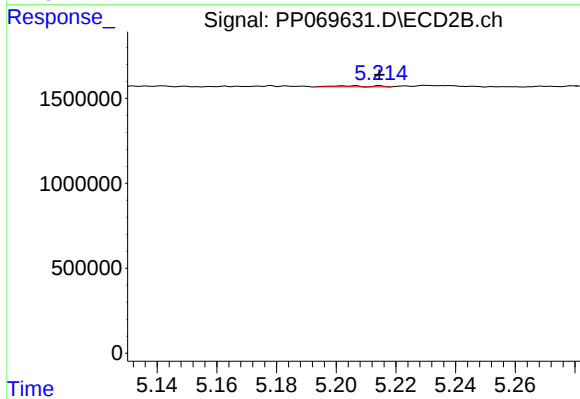
#13 AR-1232-3

R.T.: 5.178 min  
Delta R.T.: 0.049 min  
Response: 74642  
Conc: 5.77 ng/ml



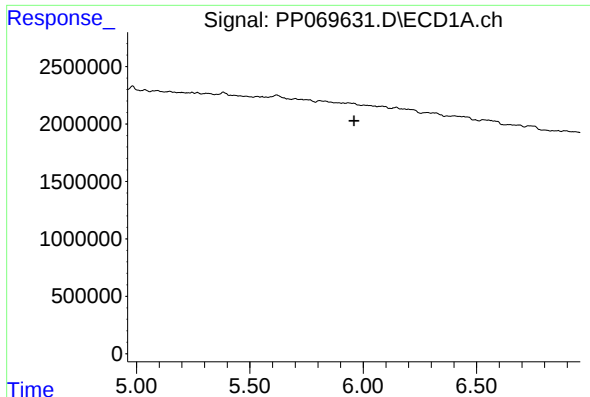
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.870 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

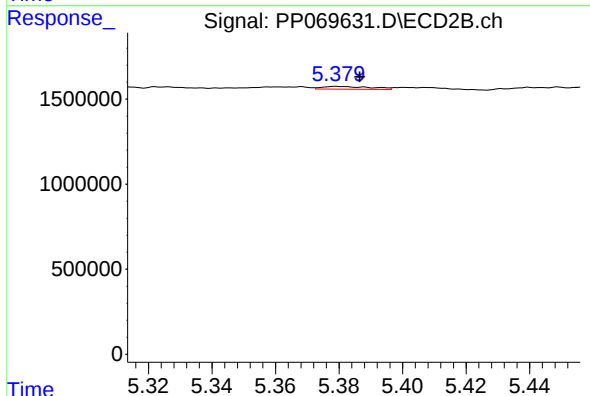
R.T.: 5.206 min  
Delta R.T.: -0.009 min  
Response: 59039  
Conc: 5.33 ng/ml



#15 AR-1232-5

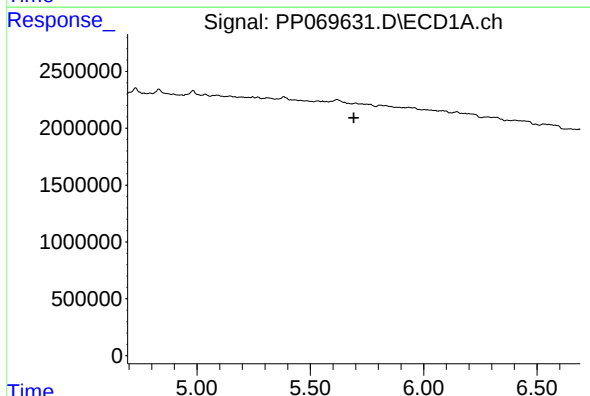
R.T.: 0.000 min  
Exp R.T.: 5.960 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



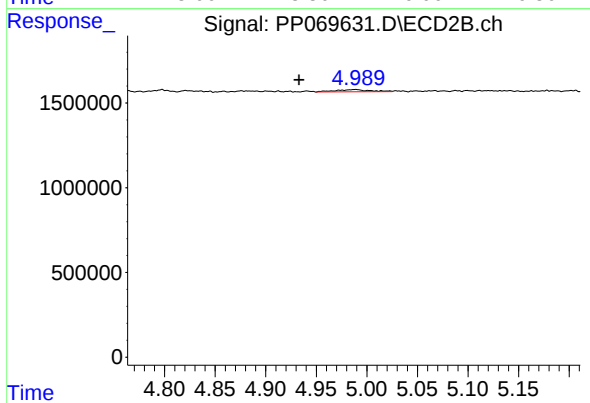
#15 AR-1232-5

R.T.: 5.380 min  
Delta R.T.: -0.007 min  
Response: 171971  
Conc: 14.08 ng/ml



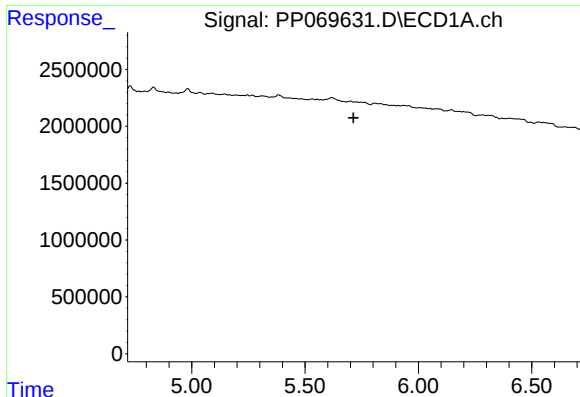
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.692 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

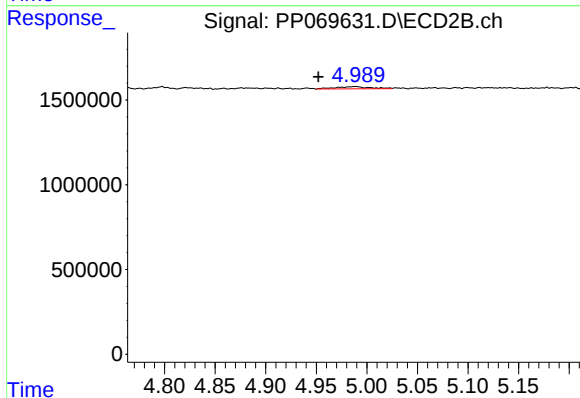
R.T.: 4.989 min  
Delta R.T.: 0.056 min  
Response: 310582  
Conc: 10.77 ng/ml



#17 AR-1242-2

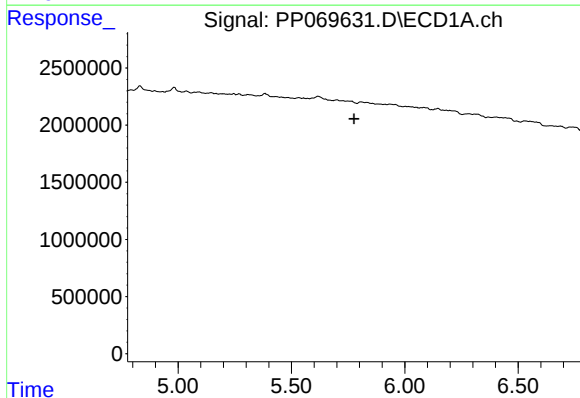
R.T.: 0.000 min  
Exp R.T.: 5.714 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



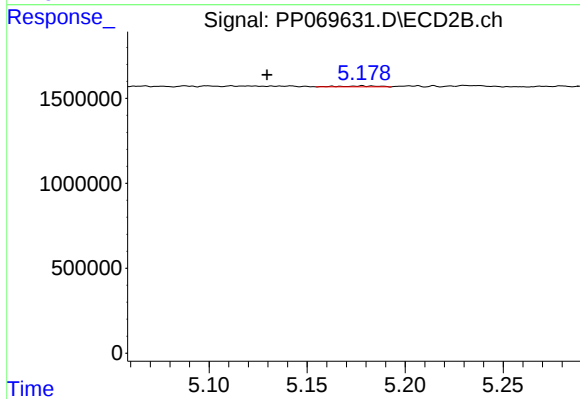
#17 AR-1242-2

R.T.: 4.989 min  
Delta R.T.: 0.037 min  
Response: 310582  
Conc: 7.88 ng/ml



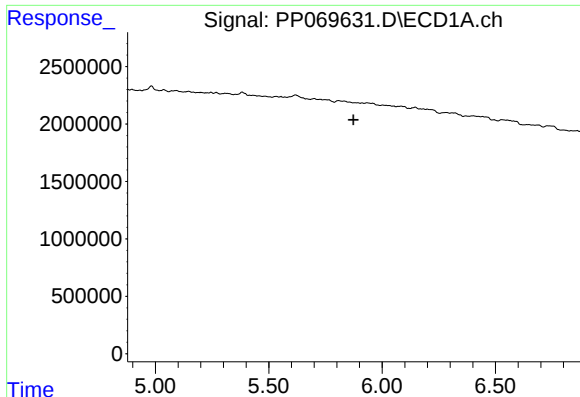
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.776 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

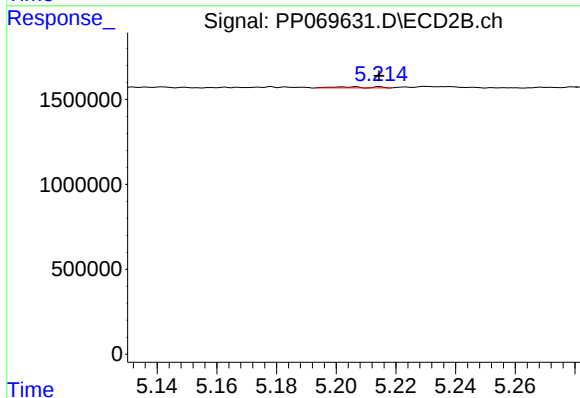
R.T.: 5.178 min  
Delta R.T.: 0.048 min  
Response: 74642  
Conc: 3.32 ng/ml



#19 AR-1242-4

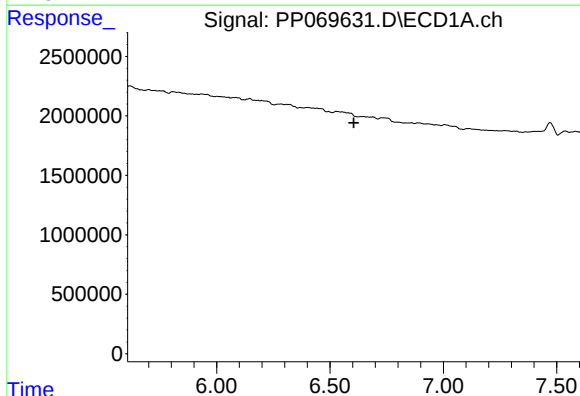
R.T.: 0.000 min  
Exp R.T.: 5.874 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



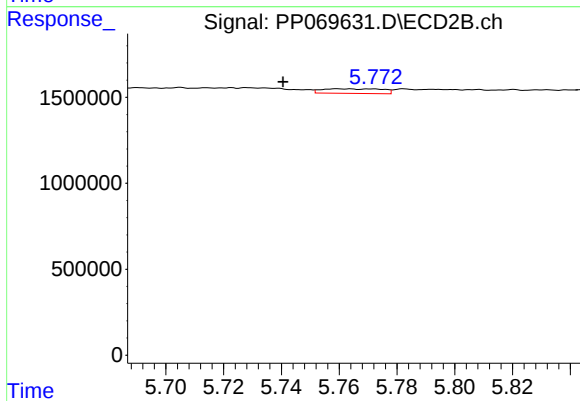
#19 AR-1242-4

R.T.: 5.206 min  
Delta R.T.: -0.009 min  
Response: 59039  
Conc: 2.74 ng/ml



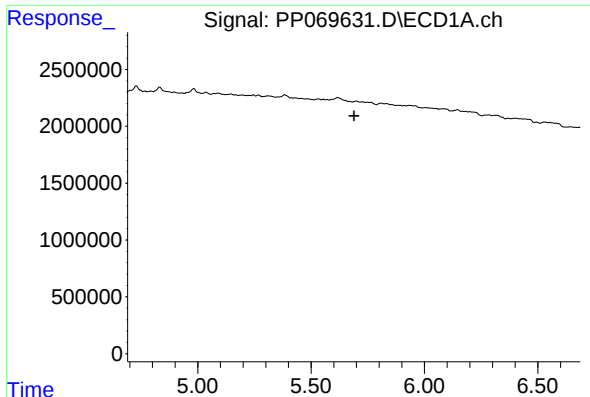
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.605 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

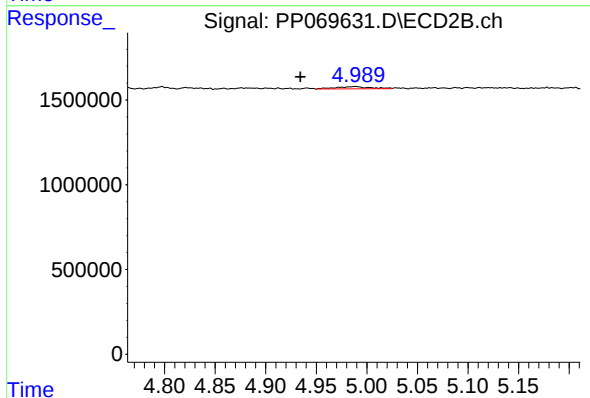
R.T.: 5.760 min  
Delta R.T.: 0.019 min  
Response: 386535  
Conc: 13.44 ng/ml



#21 AR-1248-1

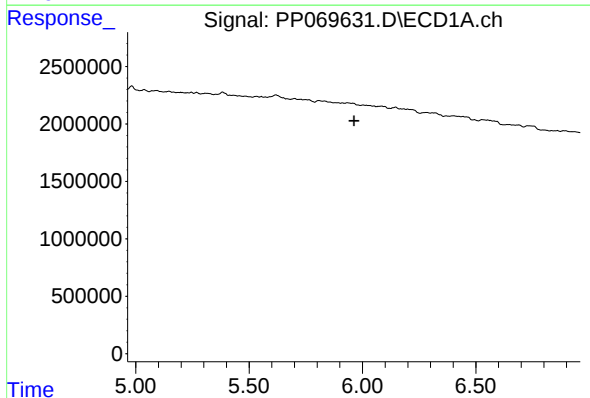
R.T.: 0.000 min  
Exp R.T.: 5.690 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



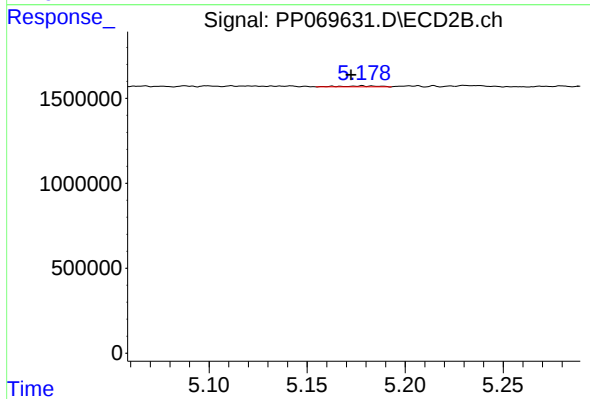
#21 AR-1248-1

R.T.: 4.989 min  
Delta R.T.: 0.055 min  
Response: 310582  
Conc: 14.11 ng/ml



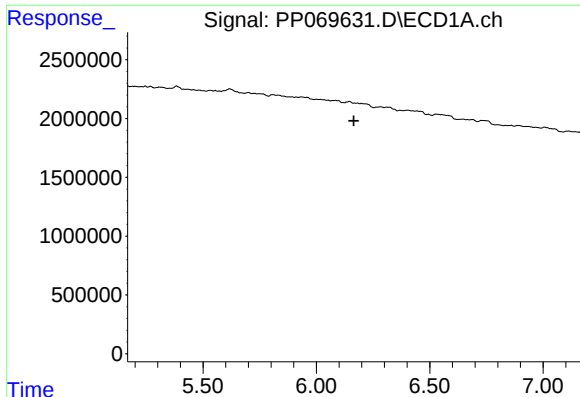
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.963 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

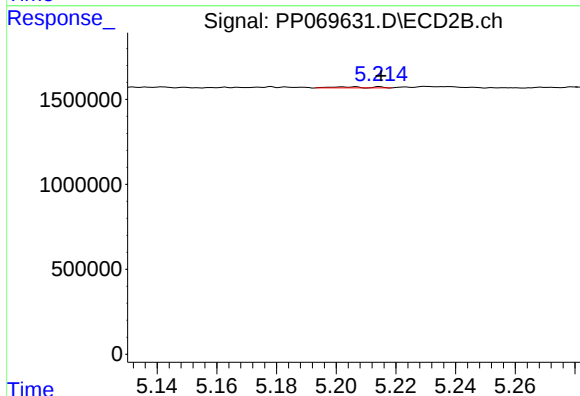
R.T.: 5.178 min  
Delta R.T.: 0.006 min  
Response: 74642  
Conc: 2.48 ng/ml



#23 AR-1248-3

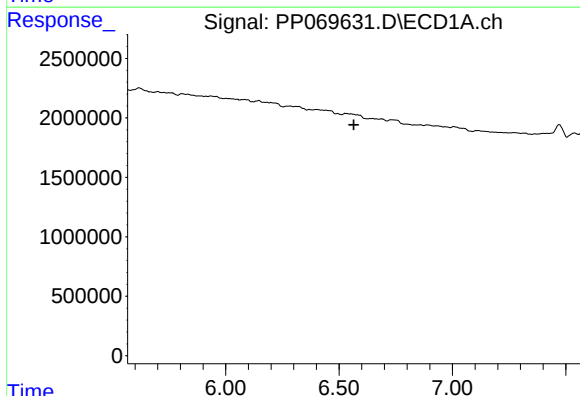
R.T.: 0.000 min  
Exp R.T.: 6.166 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



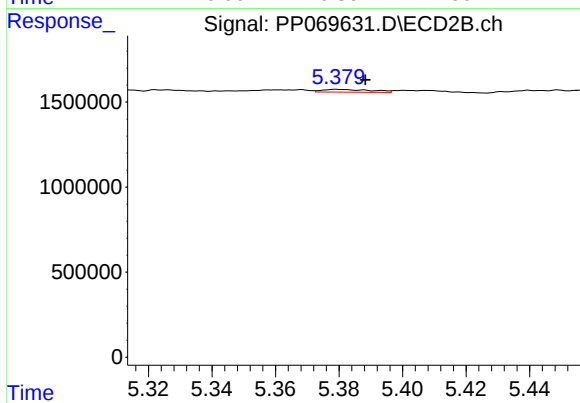
#23 AR-1248-3

R.T.: 5.206 min  
Delta R.T.: -0.009 min  
Response: 59039  
Conc: 1.91 ng/ml



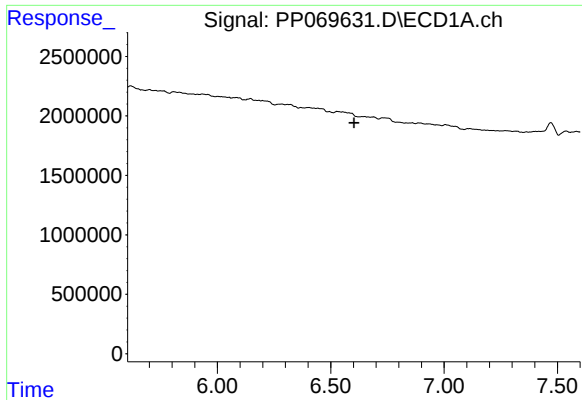
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.565 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

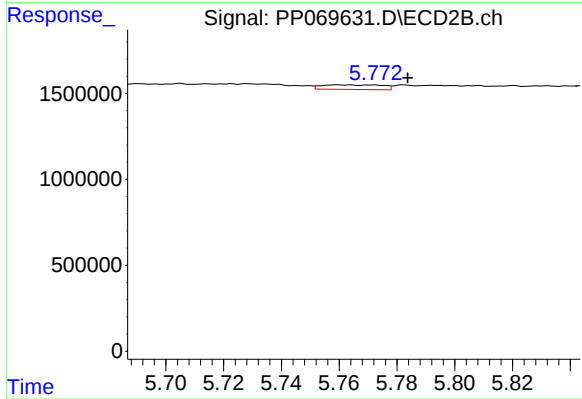
R.T.: 5.380 min  
Delta R.T.: -0.009 min  
Response: 171971  
Conc: 4.65 ng/ml



#25 AR-1248-5

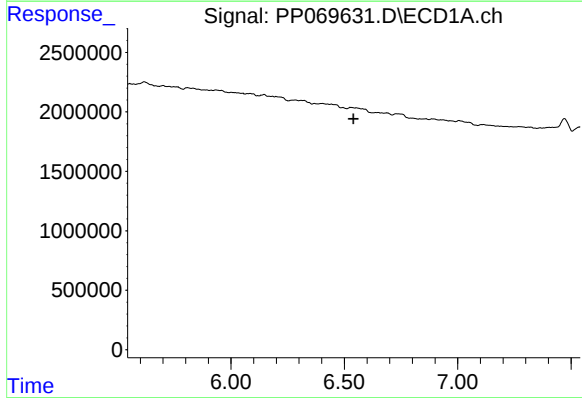
R.T.: 0.000 min  
Exp R.T.: 6.604 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



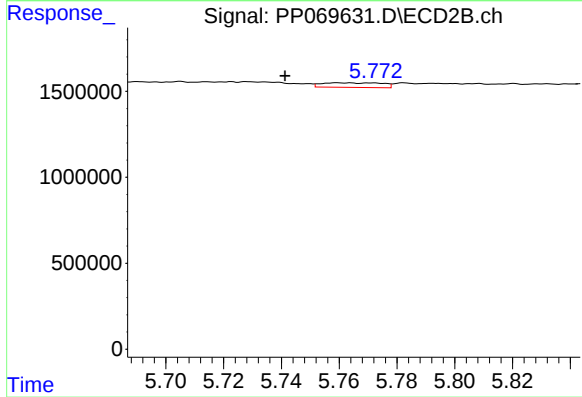
#25 AR-1248-5

R.T.: 5.760 min  
Delta R.T.: -0.024 min  
Response: 386535  
Conc: 10.34 ng/ml



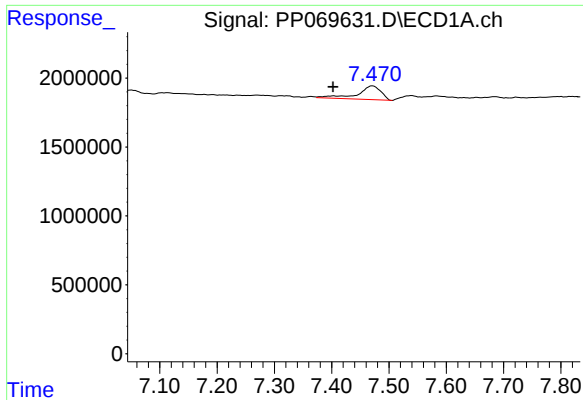
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.541 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

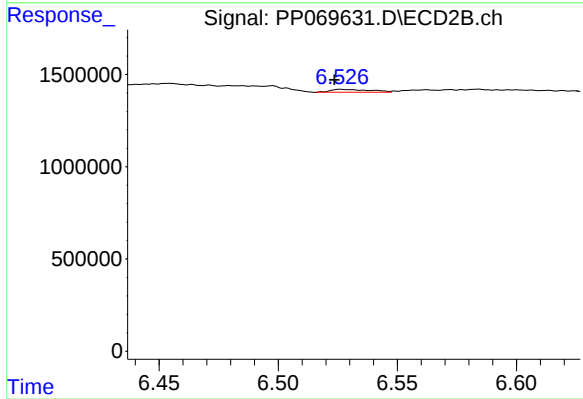
R.T.: 5.760 min  
Delta R.T.: 0.018 min  
Response: 386535  
Conc: 7.02 ng/ml



#29 AR-1254-4

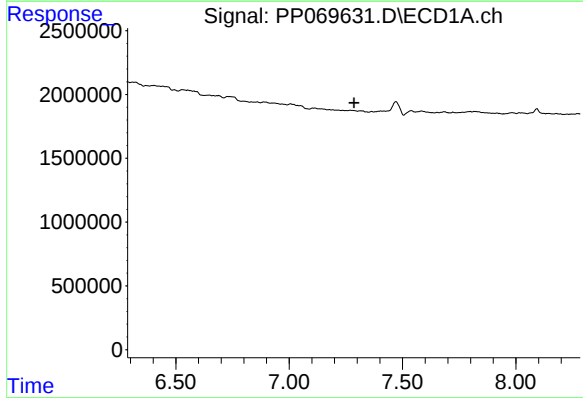
R.T.: 7.471 min  
Delta R.T.: 0.069 min  
Response: 2829702  
Conc: 41.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



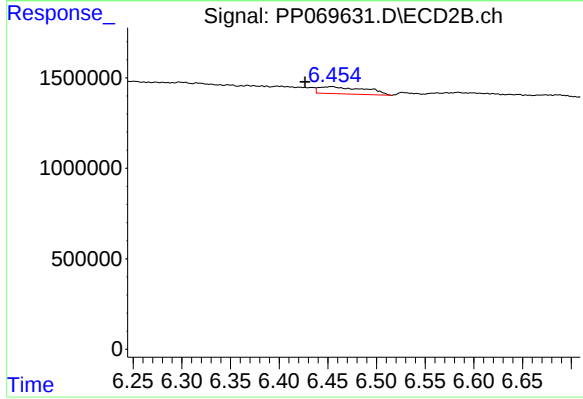
#29 AR-1254-4

R.T.: 6.527 min  
Delta R.T.: 0.003 min  
Response: 180731  
Conc: 3.53 ng/ml



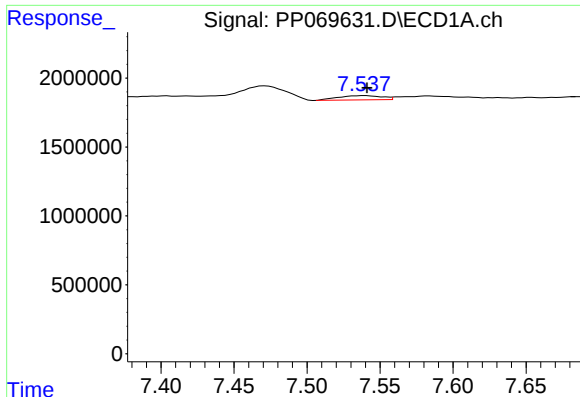
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.287 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

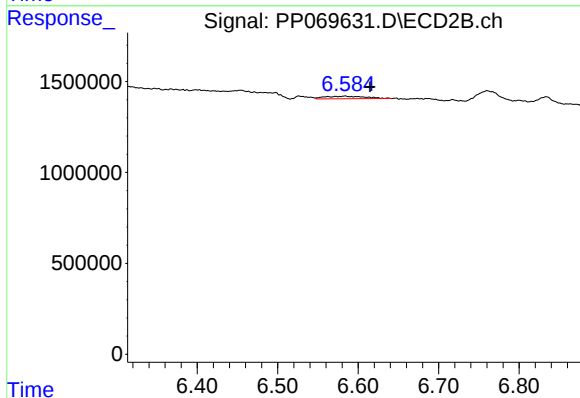
R.T.: 6.454 min  
Delta R.T.: 0.028 min  
Response: 1298973  
Conc: 26.93 ng/ml



#32 AR-1260-2

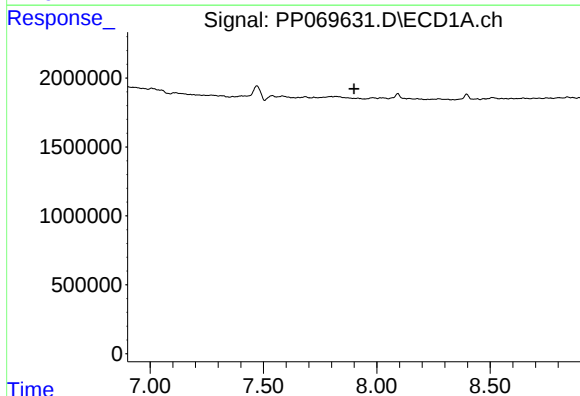
R.T.: 7.540 min  
Delta R.T.: -0.002 min  
Response: 634962  
Conc: 8.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



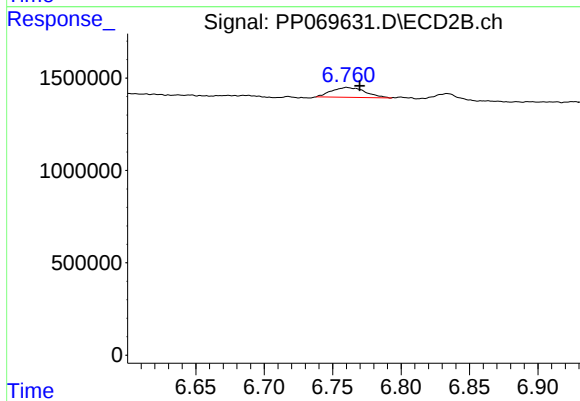
#32 AR-1260-2

R.T.: 6.584 min  
Delta R.T.: -0.031 min  
Response: 481363  
Conc: 7.85 ng/ml



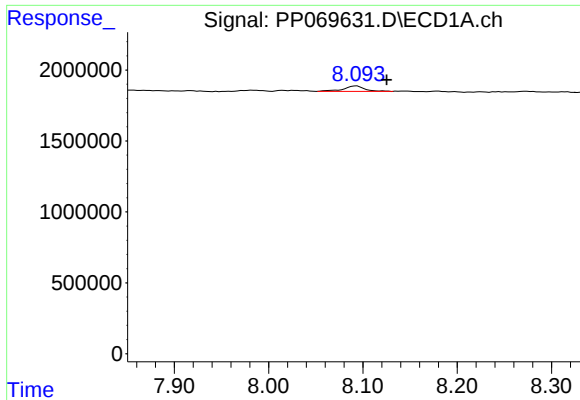
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.900 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

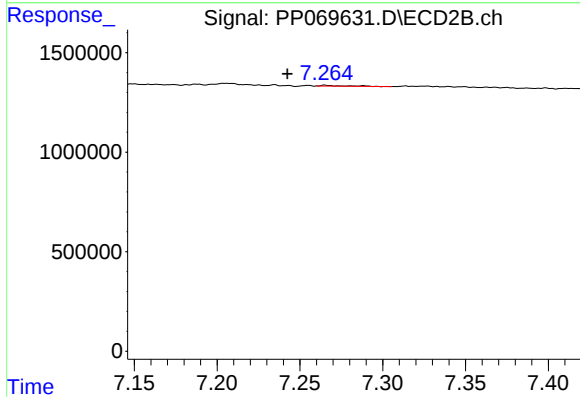
R.T.: 6.760 min  
Delta R.T.: -0.009 min  
Response: 914518  
Conc: 15.20 ng/ml



#34 AR-1260-4

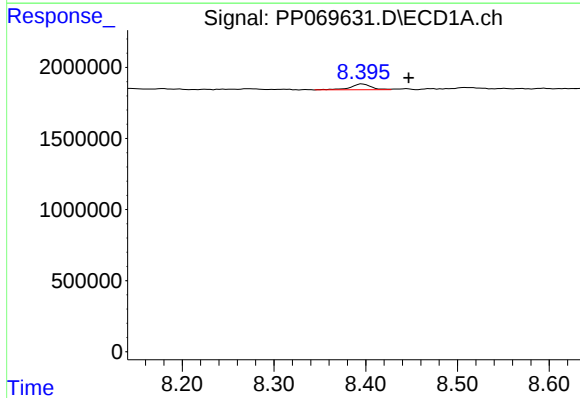
R.T.: 8.093 min  
Delta R.T.: -0.032 min  
Response: 604840  
Conc: 9.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



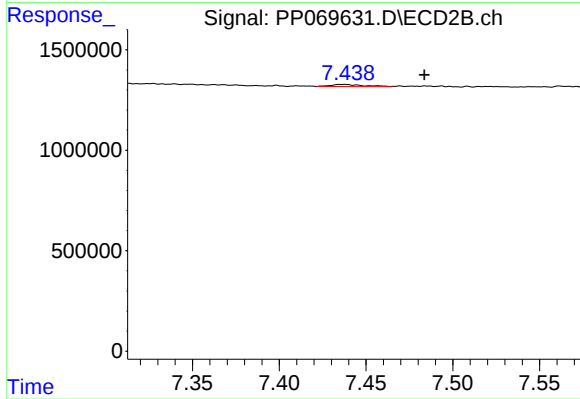
#34 AR-1260-4

R.T.: 7.265 min  
Delta R.T.: 0.023 min  
Response: 41926  
Conc: 0.90 ng/ml



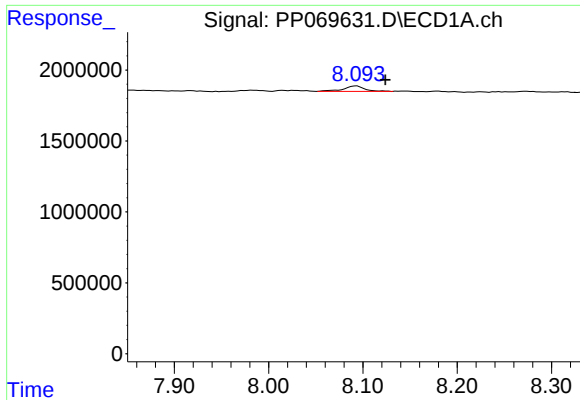
#35 AR-1260-5

R.T.: 8.396 min  
Delta R.T.: -0.050 min  
Response: 642298  
Conc: 4.91 ng/ml



#35 AR-1260-5

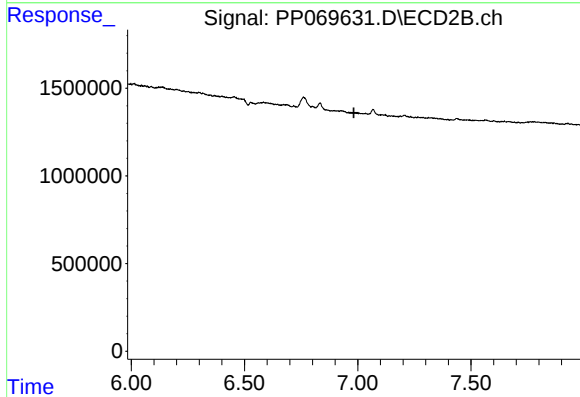
R.T.: 7.437 min  
Delta R.T.: -0.046 min  
Response: 144562  
Conc: 1.30 ng/ml



#36 AR-1262-1

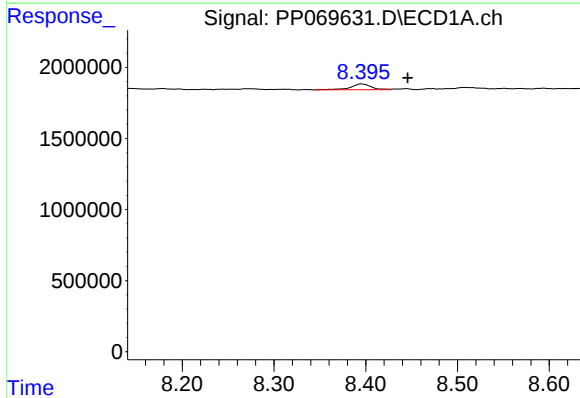
R.T.: 8.093 min  
Delta R.T.: -0.031 min  
Response: 604840  
Conc: 7.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



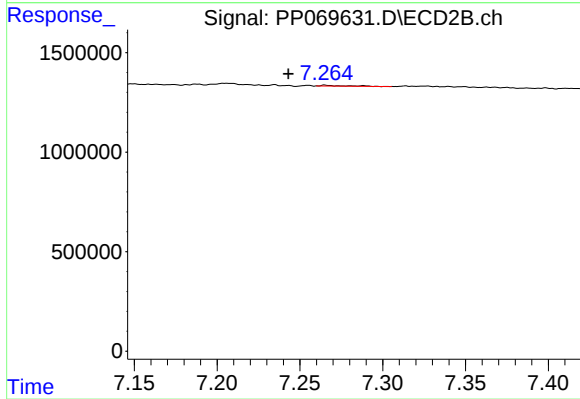
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.983 min  
Response: 0  
Conc: N.D.



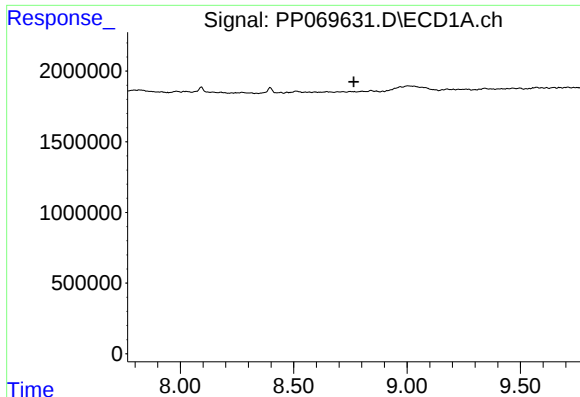
#37 AR-1262-2

R.T.: 8.396 min  
Delta R.T.: -0.049 min  
Response: 642298  
Conc: 4.20 ng/ml



#37 AR-1262-2

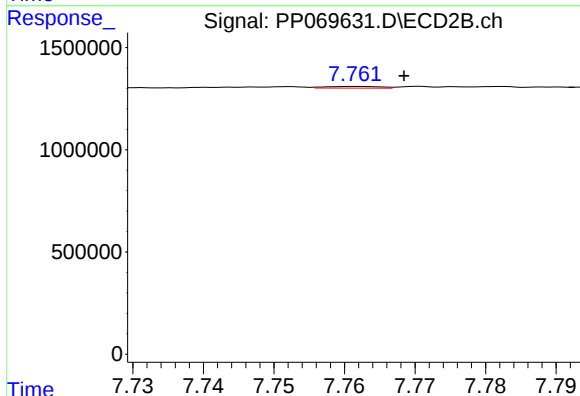
R.T.: 7.265 min  
Delta R.T.: 0.022 min  
Response: 41926  
Conc: 0.69 ng/ml



#38 AR-1262-3

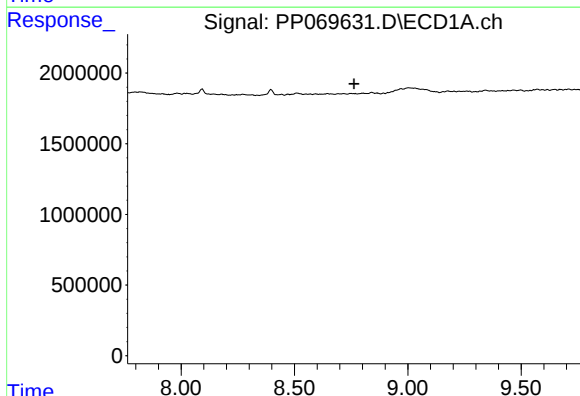
R.T.: 0.000 min  
Exp R.T.: 8.766 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



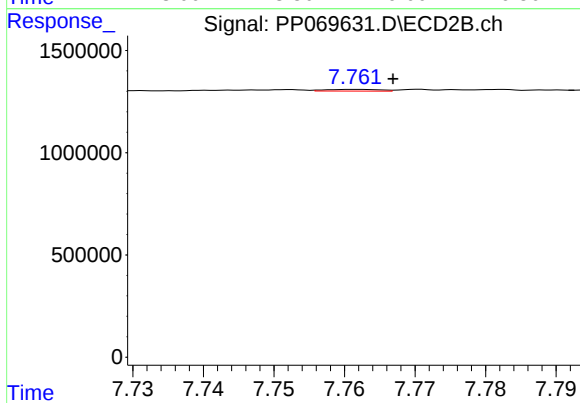
#38 AR-1262-3

R.T.: 7.762 min  
Delta R.T.: -0.007 min  
Response: 42107  
Conc: 0.81 ng/ml



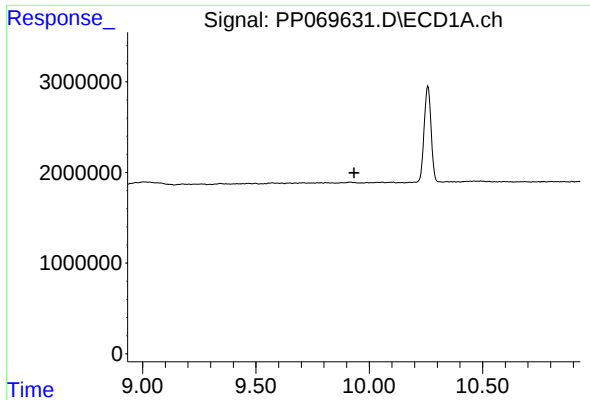
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.763 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

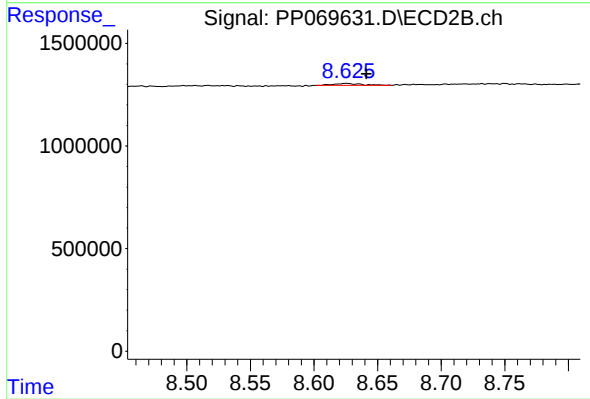
R.T.: 7.762 min  
Delta R.T.: -0.005 min  
Response: 42107  
Conc: 0.29 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.933 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
RV-SOILMS



#45 AR-1268-5

R.T.: 8.625 min  
Delta R.T.: -0.016 min  
Response: 147278  
Conc: 0.41 ng/ml