

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102422\  
 Data File : PP052654.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2022 22:26  
 Operator : YP\AJ  
 Sample : N4955-02  
 Misc : AR1221 LOQ 50 PPB  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2022

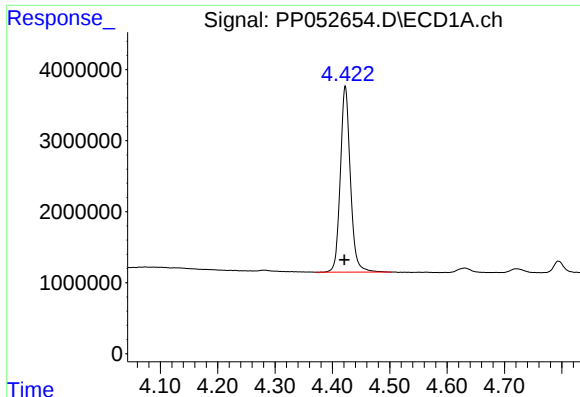
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 02:35:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102122.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun Oct 23 15:44:19 2022  
 Response via : Initial Calibration  
 Integrator: 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... | 4.423  | 3.672 | 31811888 | 31616110 | 19.228 | 23.729   |
| 2)                          | SA Decachlor... | 10.234 | 8.759 | 34117081 | 31893239 | 21.290 | 25.660   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.595  | 4.777 | 191677   | 168360   | 4.368  | 3.660    |
| 4)                          | L1 AR-1016-2    | 5.617  | 4.794 | 273935   | 332121   | 4.339  | 5.305    |
| 5)                          | L1 AR-1016-3    | 5.681  | 0.000 | 275694   | 0        | 6.829  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.784  | 0.000 | 120579   | 0        | 3.498  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 6.077  | 0.000 | 63941    | 0        | 1.673  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.631  | 3.889 | 1077533  | 843339   | 49.196 | 47.926   |
| 9)                          | L2 AR-1221-2    | 4.720  | 3.976 | 894586   | 1042608  | 55.779 | 78.300 # |
| 10)                         | L2 AR-1221-3    | 4.794  | 4.053 | 2081215  | 2145733  | 42.657 | 51.747   |
| 11)                         | L3 AR-1232-1    | 4.794  | 4.053 | 2081215  | 2145733  | 56.059 | 67.673   |
| 12)                         | L3 AR-1232-2    | 5.325  | 4.794 | 226858   | 332121   | 11.198 | 10.826   |
| 13)                         | L3 AR-1232-3    | 5.617  | 0.000 | 273935   | 0        | 9.014  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.784  | 0.000 | 120579   | 0        | 7.555  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.861  | 0.000 | 86437    | 0        | 6.384  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.595  | 4.777 | 191677   | 168360   | 5.483  | 4.369    |
| 17)                         | L4 AR-1242-2    | 5.617  | 4.794 | 273935   | 332121   | 5.119  | 6.338    |
| 18)                         | L4 AR-1242-3    | 5.681  | 0.000 | 275694   | 0        | 8.014  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.784  | 0.000 | 120579   | 0        | 4.215  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.515  | 0.000 | 108751   | 0        | 3.014  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.595  | 4.777 | 191677   | 168360   | 6.606  | 5.933    |
| 22)                         | L5 AR-1248-2    | 5.861  | 0.000 | 86437    | 0        | 2.039  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 6.077  | 0.000 | 63941    | 0        | 1.237  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.456f | 0.000 | 182552   | 0        | 3.313  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.515  | 0.000 | 108751   | 0        | 1.913  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.456  | 0.000 | 182552   | 0        | 2.925  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.049  | 0.000 | 127896   | 0        | 1.368  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.329  | 0.000 | 97614    | 0        | 1.581  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.225f | 0.000 | 188210   | 0        | 2.471  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.452  | 0.000 | 236365   | 0        | 2.824  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.778  | 0.000 | 56676    | 0        | 0.904  | N.D. #   |
| 40)                         | L8 AR-1262-5    | 9.436f | 0.000 | 282121   | 0        | 4.401  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 8.778  | 0.000 | 56676    | 0        | 0.290  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.023  | 0.000 | 362457   | 0        | 2.017  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.436f | 0.000 | 282121   | 0        | 3.610  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 9.886  | 8.496 | 403912   | 183103   | 0.698  | 0.414 #  |
| -----                       |                 |        |       |          |          |        |          |

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

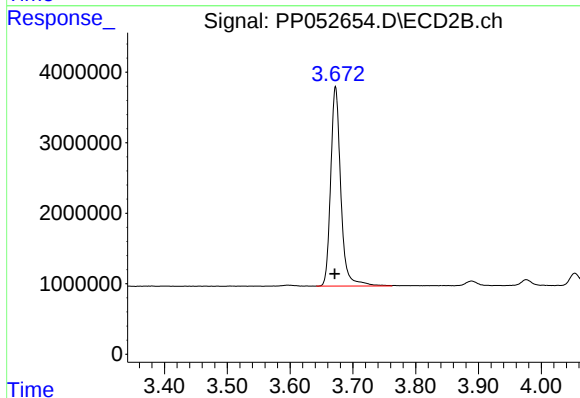




#1 Tetrachloro-m-xylene

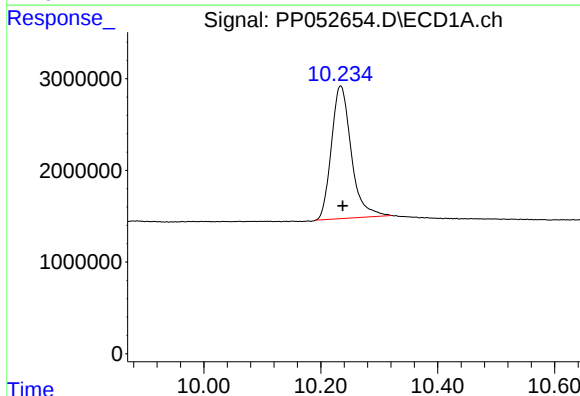
R.T.: 4.423 min  
Delta R.T.: 0.002 min  
Response: 31811888  
Conc: 19.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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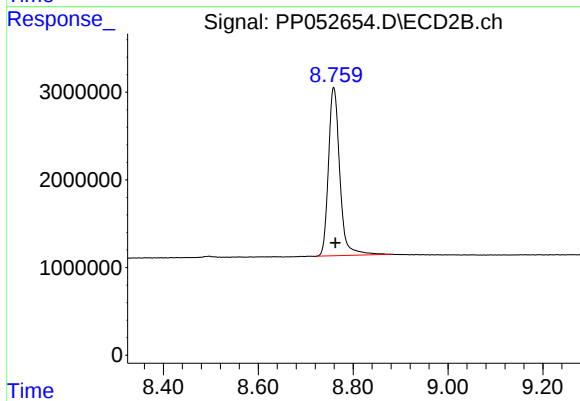
#1 Tetrachloro-m-xylene

R.T.: 3.672 min  
Delta R.T.: 0.001 min  
Response: 31616110  
Conc: 23.73 ng/ml



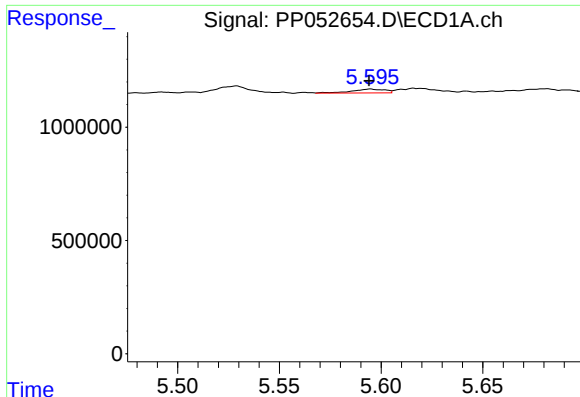
#2 Decachlorobiphenyl

R.T.: 10.234 min  
Delta R.T.: -0.004 min  
Response: 34117081  
Conc: 21.29 ng/ml



#2 Decachlorobiphenyl

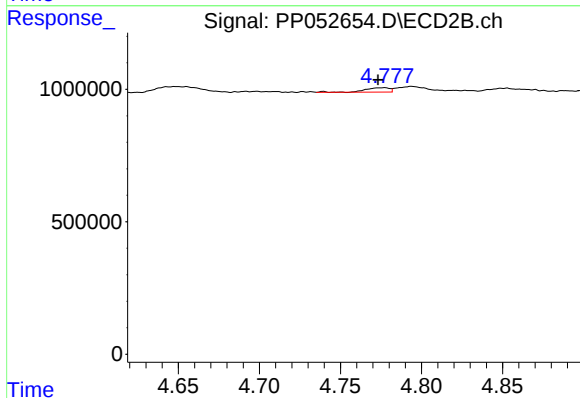
R.T.: 8.759 min  
Delta R.T.: -0.003 min  
Response: 31893239  
Conc: 25.66 ng/ml



#3 AR-1016-1

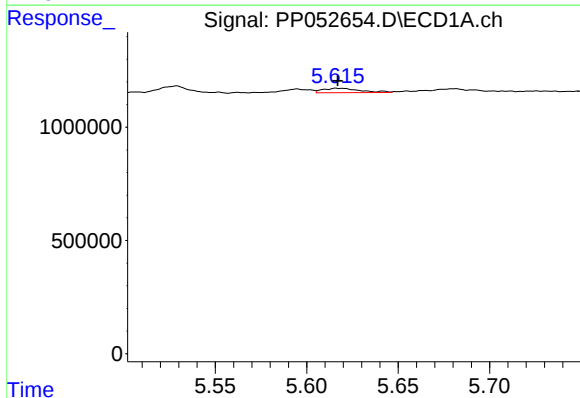
R.T.: 5.595 min  
Delta R.T.: 0.000 min  
Response: 191677  
Conc: 4.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



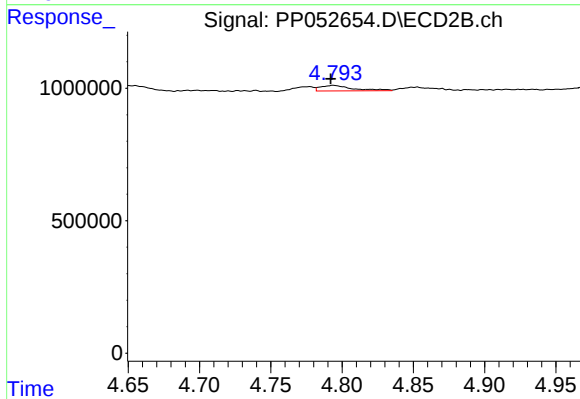
#3 AR-1016-1

R.T.: 4.777 min  
Delta R.T.: 0.003 min  
Response: 168360  
Conc: 3.66 ng/ml



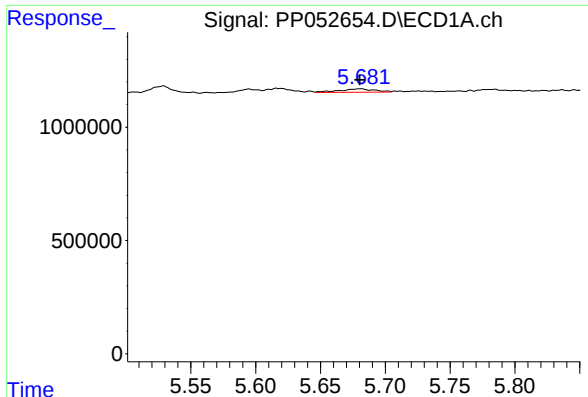
#4 AR-1016-2

R.T.: 5.617 min  
Delta R.T.: 0.000 min  
Response: 273935  
Conc: 4.34 ng/ml



#4 AR-1016-2

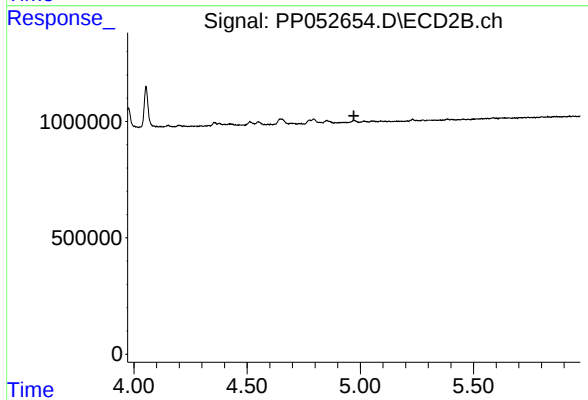
R.T.: 4.794 min  
Delta R.T.: 0.002 min  
Response: 332121  
Conc: 5.30 ng/ml



#5 AR-1016-3

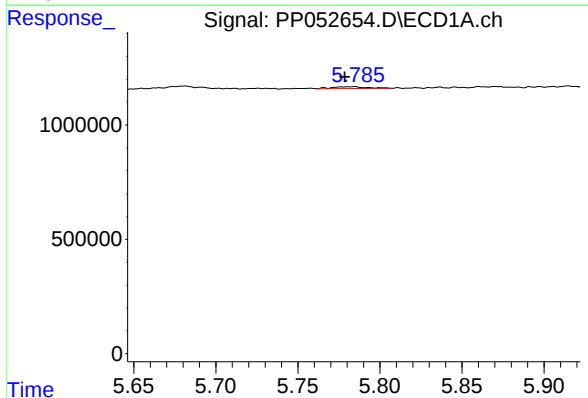
R.T.: 5.681 min  
Delta R.T.: 0.000 min  
Response: 275694  
Conc: 6.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



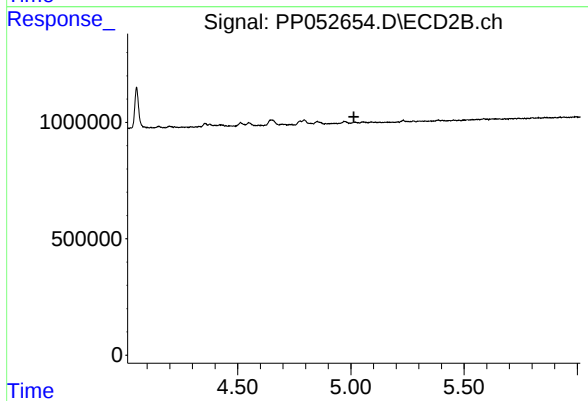
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.972 min  
Response: 0  
Conc: N.D.



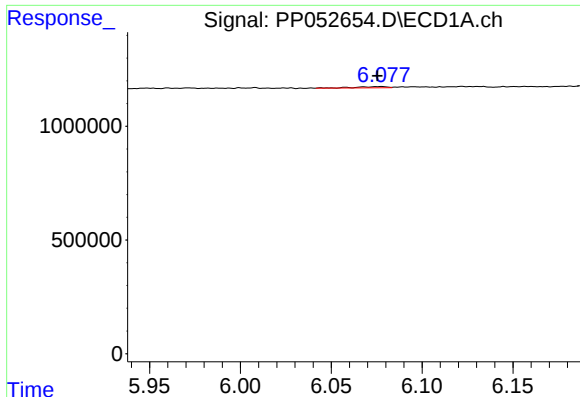
#6 AR-1016-4

R.T.: 5.784 min  
Delta R.T.: 0.006 min  
Response: 120579  
Conc: 3.50 ng/ml



#6 AR-1016-4

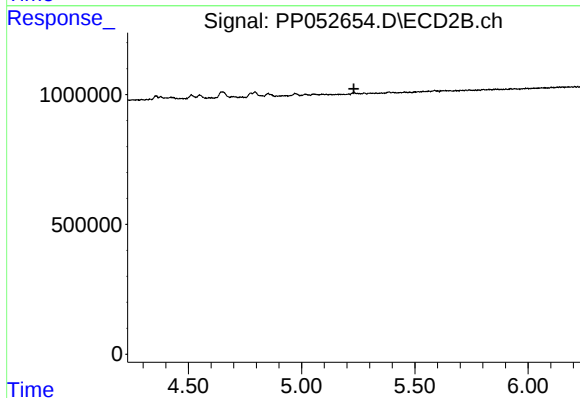
R.T.: 0.000 min  
Exp R.T. : 5.014 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

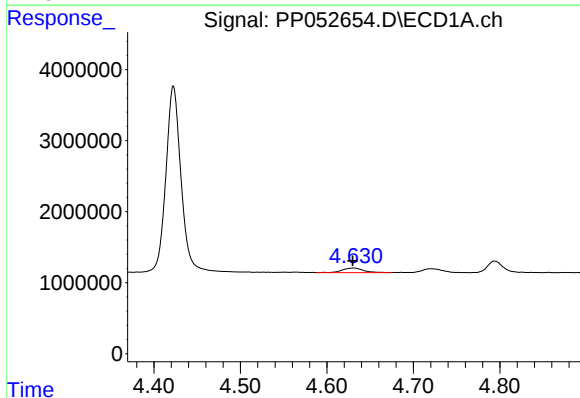
R.T.: 6.077 min  
Delta R.T.: 0.002 min  
Response: 63941  
Conc: 1.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



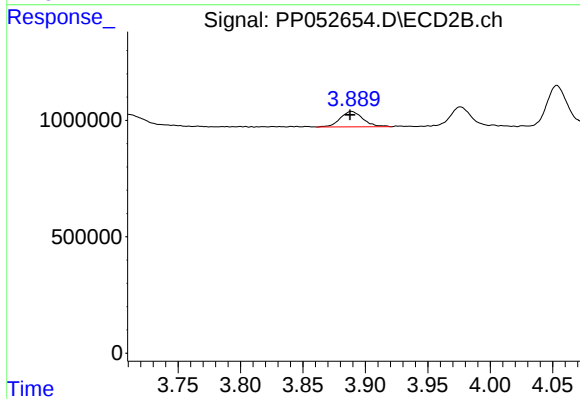
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.231 min  
Response: 0  
Conc: N.D.



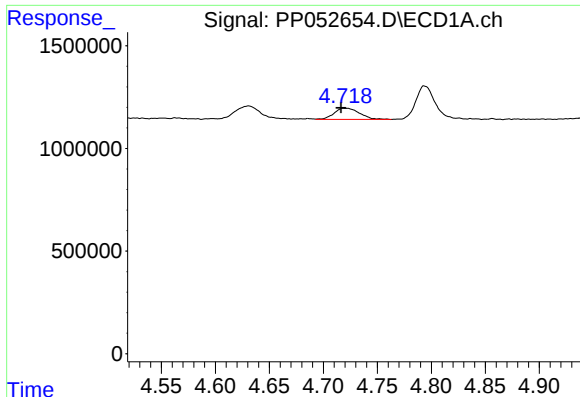
#8 AR-1221-1

R.T.: 4.631 min  
Delta R.T.: 0.001 min  
Response: 1077533  
Conc: 49.20 ng/ml



#8 AR-1221-1

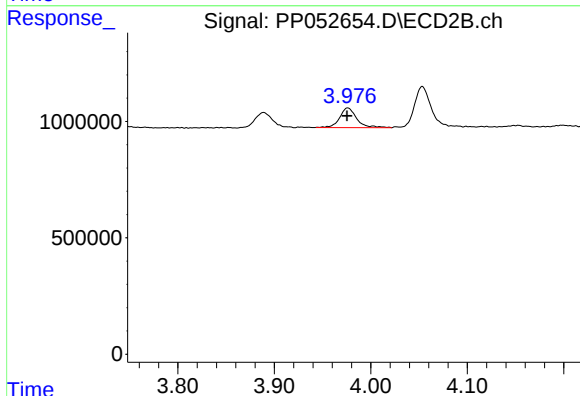
R.T.: 3.889 min  
Delta R.T.: 0.001 min  
Response: 843339  
Conc: 47.93 ng/ml



#9 AR-1221-2

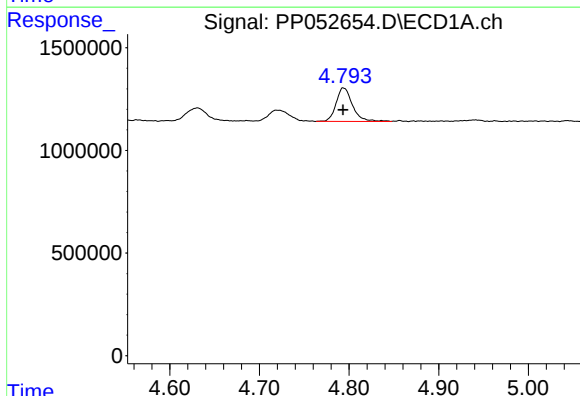
R.T.: 4.720 min  
Delta R.T.: 0.003 min  
Response: 894586  
Conc: 55.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



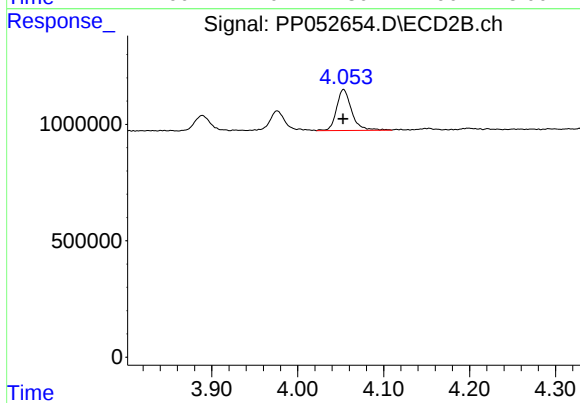
#9 AR-1221-2

R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 1042608  
Conc: 78.30 ng/ml



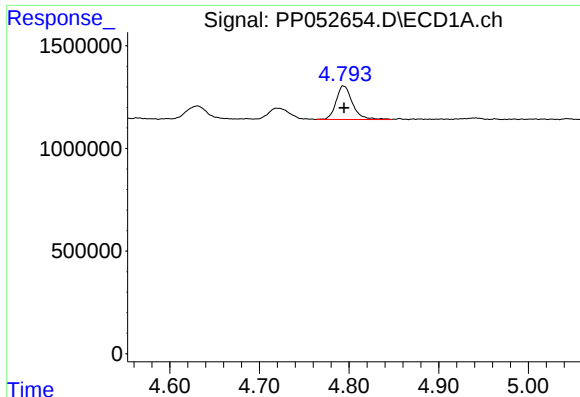
#10 AR-1221-3

R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 2081215  
Conc: 42.66 ng/ml



#10 AR-1221-3

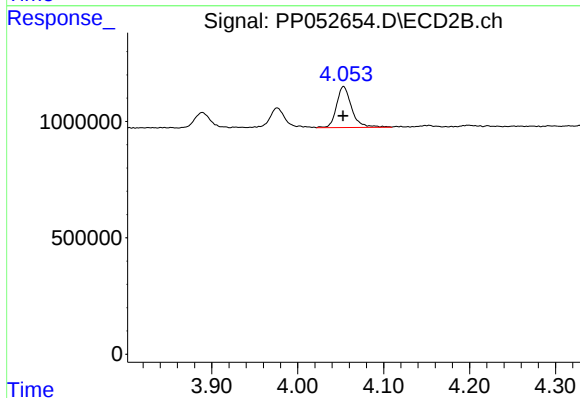
R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 2145733  
Conc: 51.75 ng/ml



#11 AR-1232-1

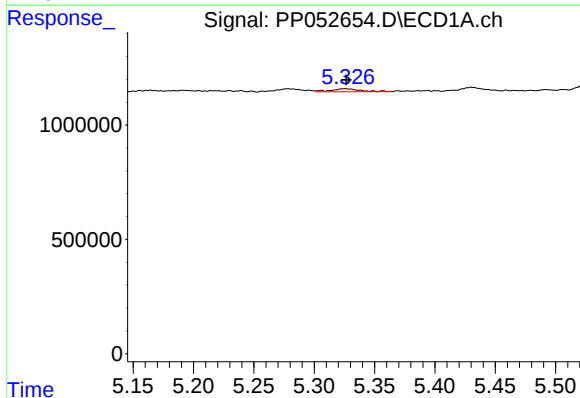
R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 2081215  
Conc: 56.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



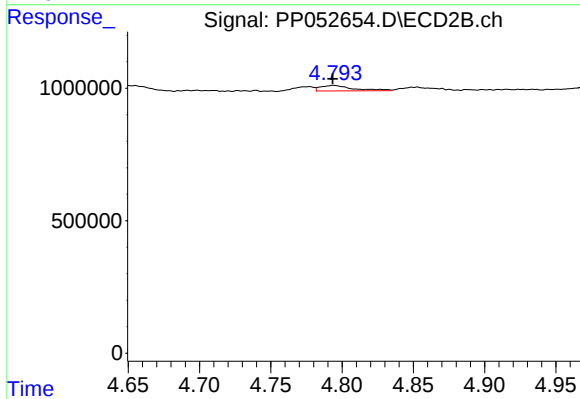
#11 AR-1232-1

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 2145733  
Conc: 67.67 ng/ml



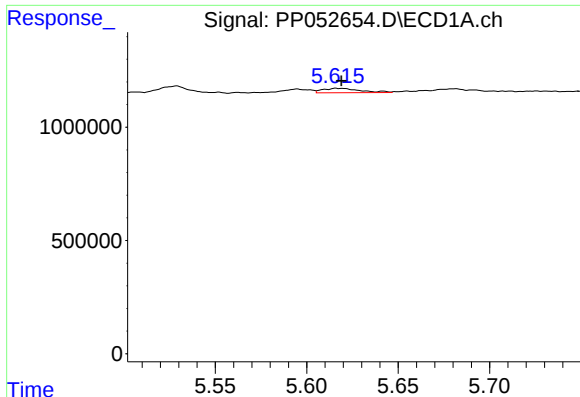
#12 AR-1232-2

R.T.: 5.325 min  
Delta R.T.: -0.001 min  
Response: 226858  
Conc: 11.20 ng/ml



#12 AR-1232-2

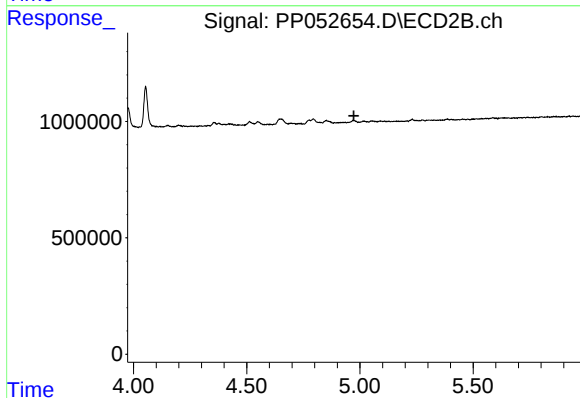
R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 332121  
Conc: 10.83 ng/ml



#13 AR-1232-3

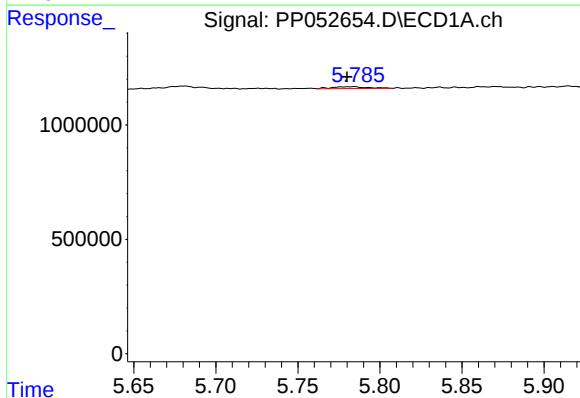
R.T.: 5.617 min  
Delta R.T.: -0.002 min  
Response: 273935  
Conc: 9.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



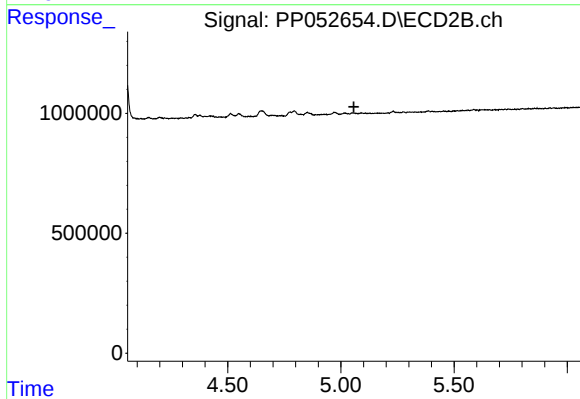
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.973 min  
Response: 0  
Conc: N.D.



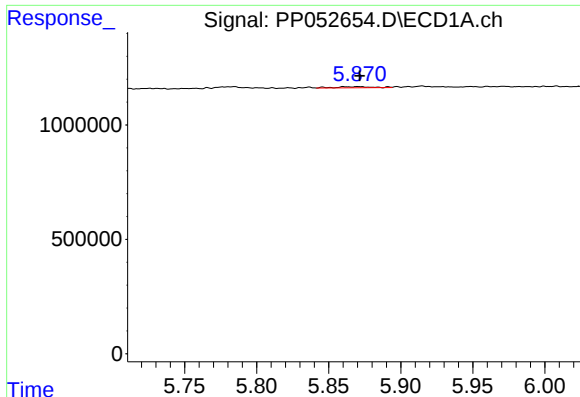
#14 AR-1232-4

R.T.: 5.784 min  
Delta R.T.: 0.004 min  
Response: 120579  
Conc: 7.55 ng/ml



#14 AR-1232-4

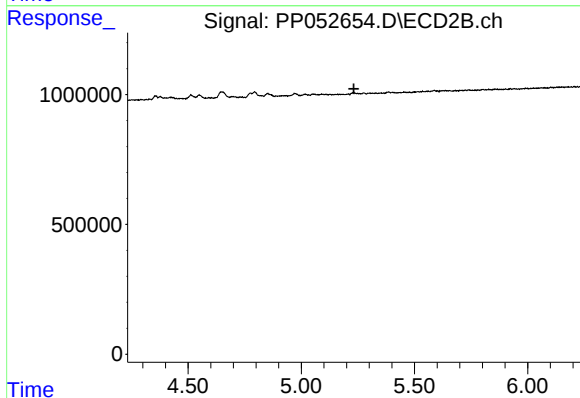
R.T.: 0.000 min  
Exp R.T. : 5.057 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

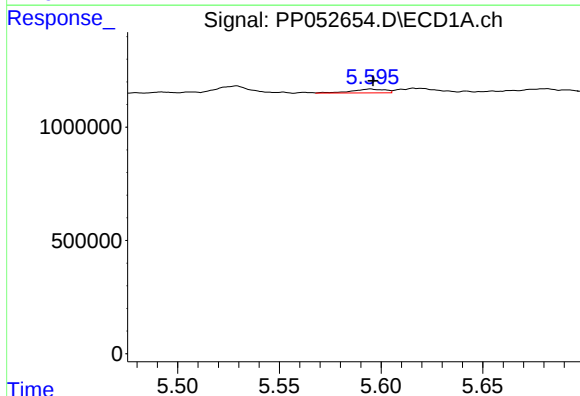
R.T.: 5.861 min  
Delta R.T.: -0.011 min  
Response: 86437  
Conc: 6.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



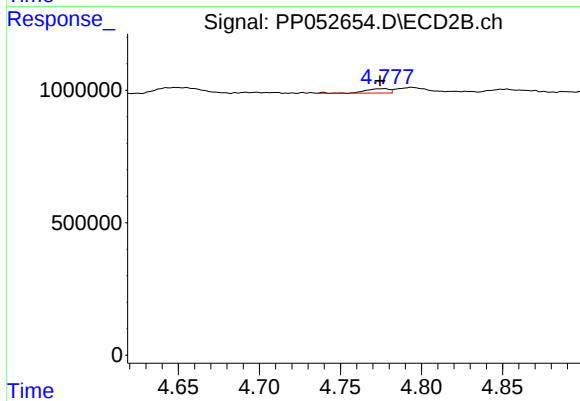
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.232 min  
Response: 0  
Conc: N.D.



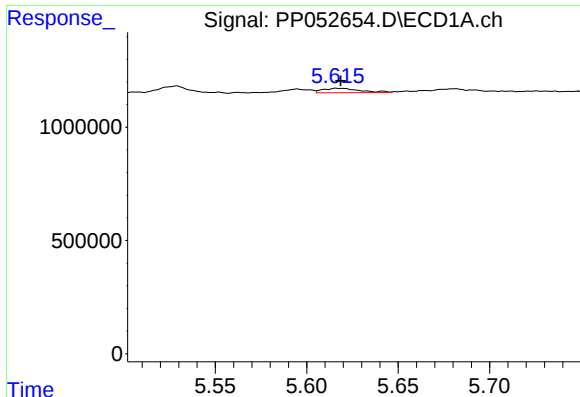
#16 AR-1242-1

R.T.: 5.595 min  
Delta R.T.: -0.001 min  
Response: 191677  
Conc: 5.48 ng/ml



#16 AR-1242-1

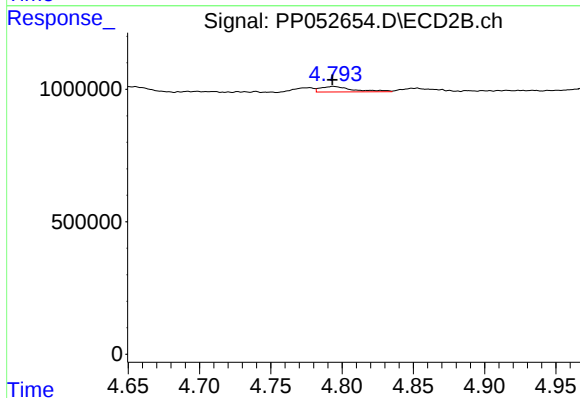
R.T.: 4.777 min  
Delta R.T.: 0.002 min  
Response: 168360  
Conc: 4.37 ng/ml



#17 AR-1242-2

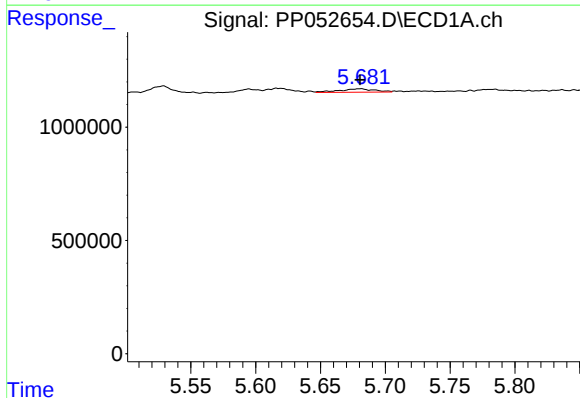
R.T.: 5.617 min  
Delta R.T.: -0.001 min  
Response: 273935  
Conc: 5.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



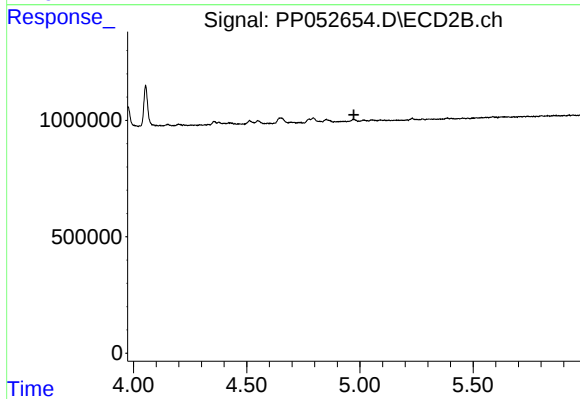
#17 AR-1242-2

R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 332121  
Conc: 6.34 ng/ml



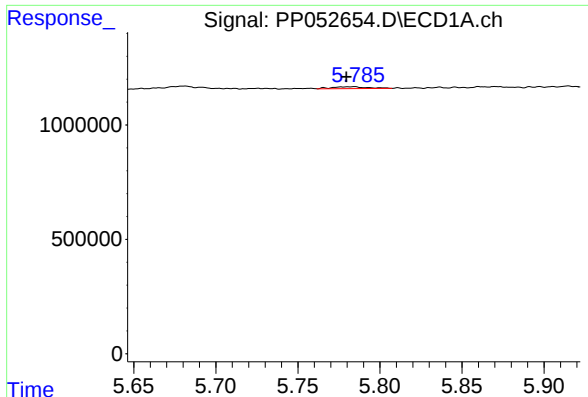
#18 AR-1242-3

R.T.: 5.681 min  
Delta R.T.: 0.000 min  
Response: 275694  
Conc: 8.01 ng/ml



#18 AR-1242-3

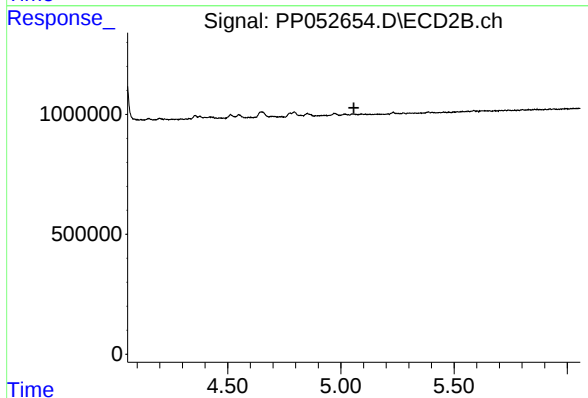
R.T.: 0.000 min  
Exp R.T.: 4.973 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

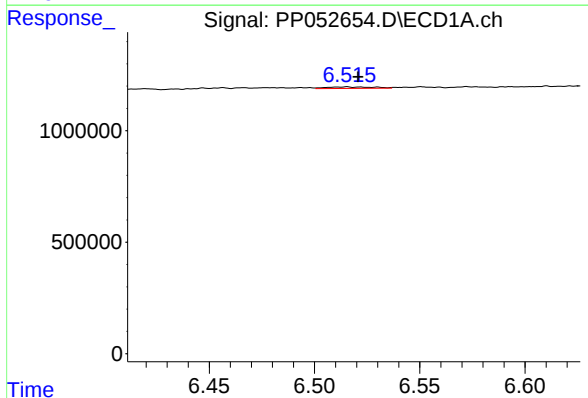
R.T.: 5.784 min  
Delta R.T.: 0.005 min  
Response: 120579  
Conc: 4.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



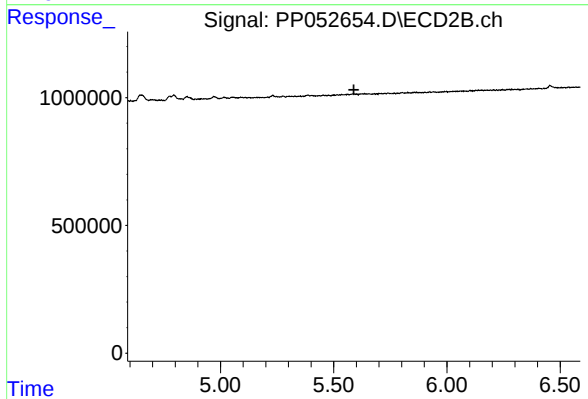
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.057 min  
Response: 0  
Conc: N.D.



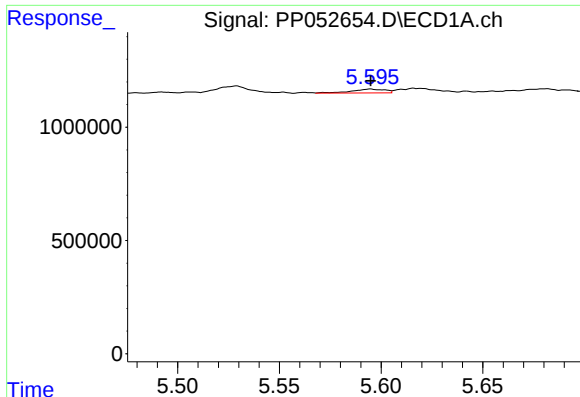
#20 AR-1242-5

R.T.: 6.515 min  
Delta R.T.: -0.006 min  
Response: 108751  
Conc: 3.01 ng/ml



#20 AR-1242-5

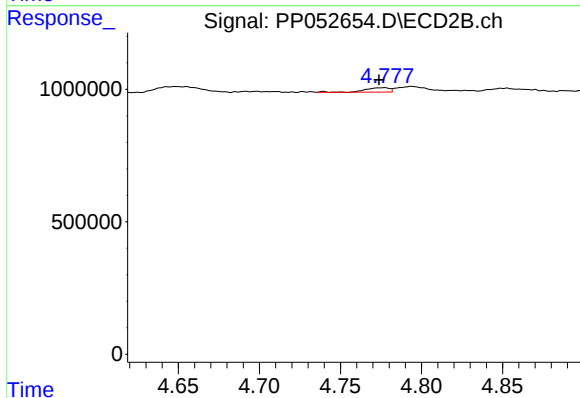
R.T.: 0.000 min  
Exp R.T. : 5.589 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

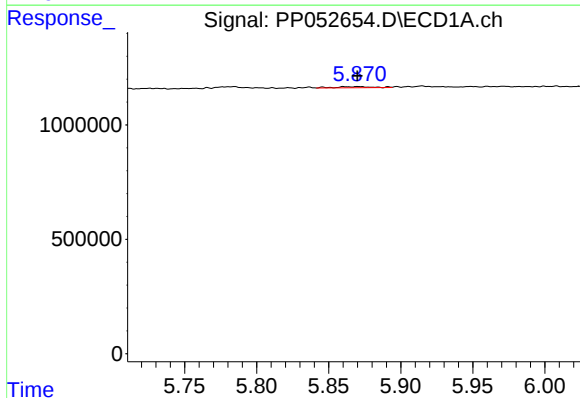
R.T.: 5.595 min  
Delta R.T.: 0.000 min  
Response: 191677  
Conc: 6.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



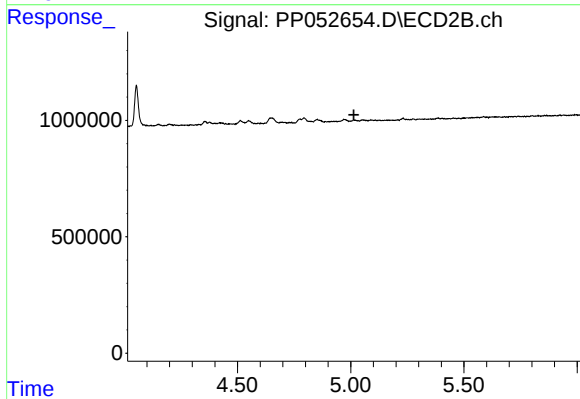
#21 AR-1248-1

R.T.: 4.777 min  
Delta R.T.: 0.003 min  
Response: 168360  
Conc: 5.93 ng/ml



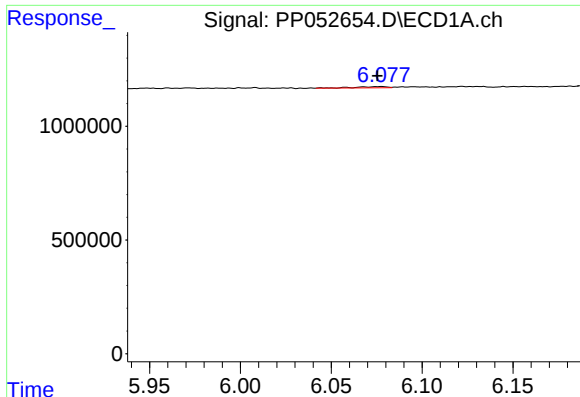
#22 AR-1248-2

R.T.: 5.861 min  
Delta R.T.: -0.009 min  
Response: 86437  
Conc: 2.04 ng/ml



#22 AR-1248-2

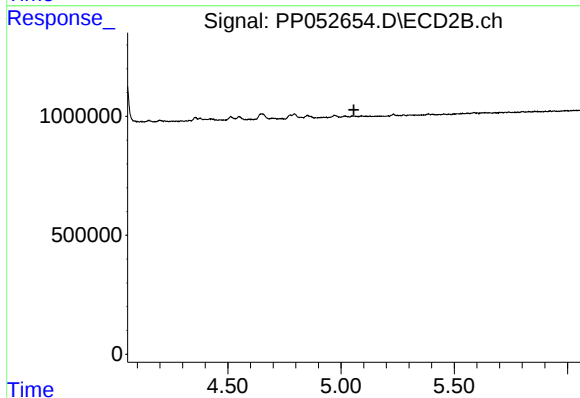
R.T.: 0.000 min  
Exp R.T.: 5.014 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

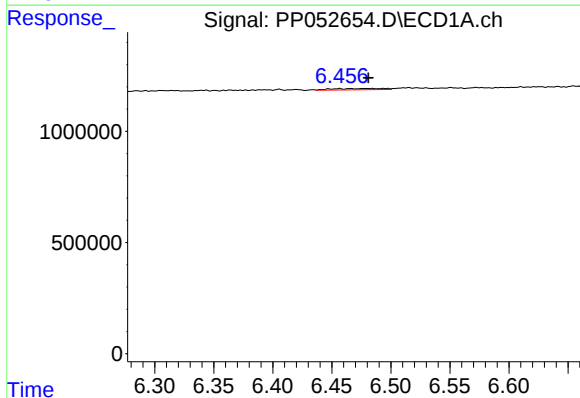
R.T.: 6.077 min  
Delta R.T.: 0.002 min  
Response: 63941  
Conc: 1.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



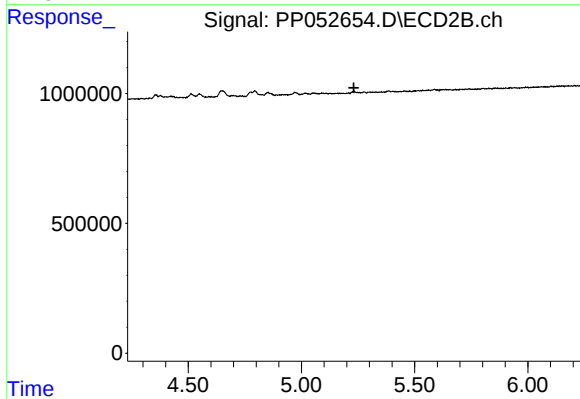
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.057 min  
Response: 0  
Conc: N.D.



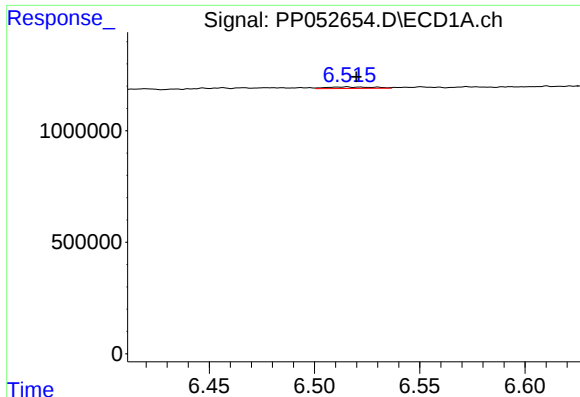
#24 AR-1248-4

R.T.: 6.456 min  
Delta R.T.: -0.025 min  
Response: 182552  
Conc: 3.31 ng/ml



#24 AR-1248-4

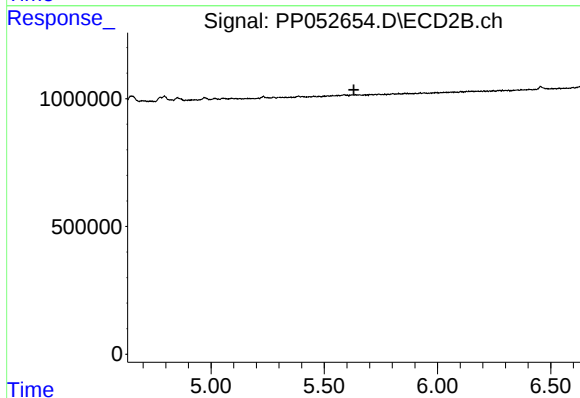
R.T.: 0.000 min  
Exp R.T. : 5.232 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

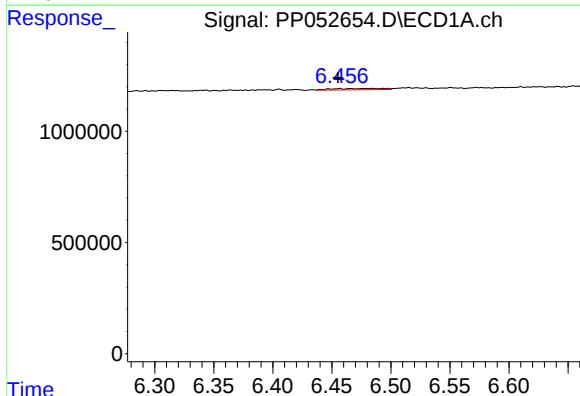
R.T.: 6.515 min  
Delta R.T.: -0.005 min  
Response: 108751  
Conc: 1.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



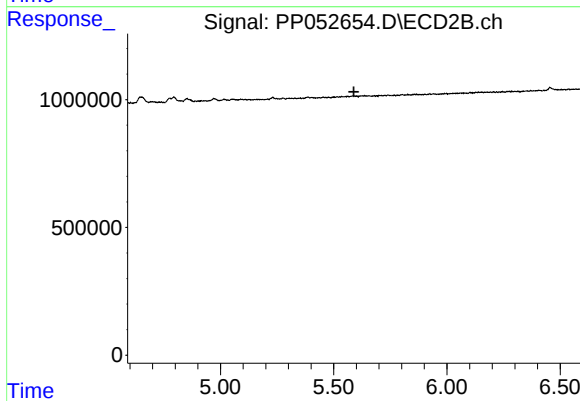
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.631 min  
Response: 0  
Conc: N.D.



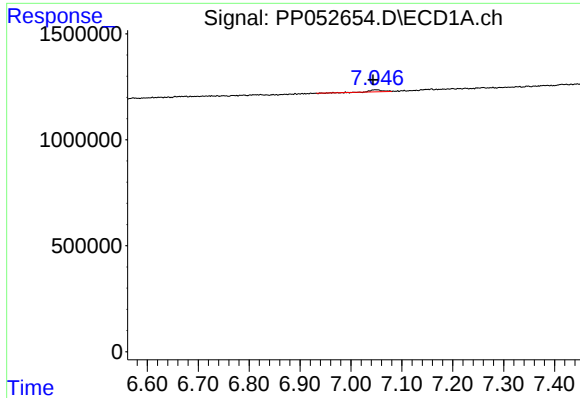
#26 AR-1254-1

R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 182552  
Conc: 2.93 ng/ml



#26 AR-1254-1

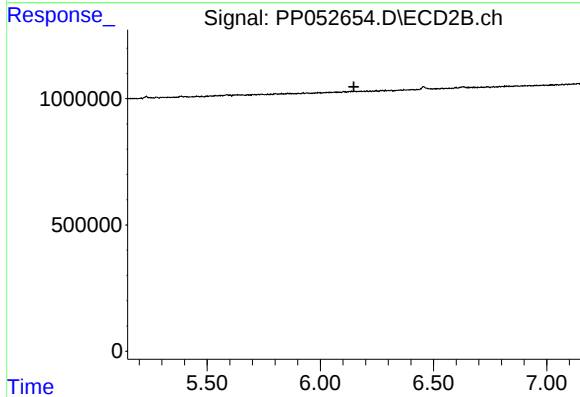
R.T.: 0.000 min  
Exp R.T. : 5.589 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

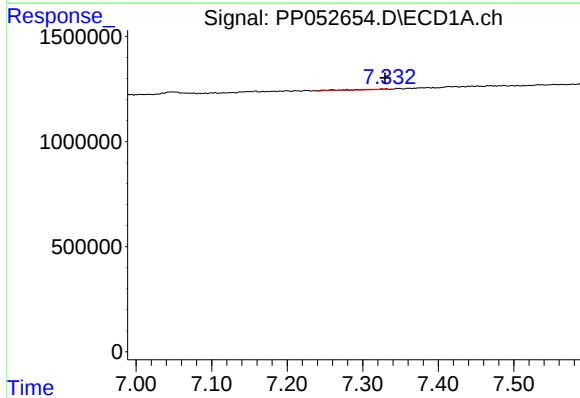
R.T.: 7.049 min  
Delta R.T.: 0.005 min  
Response: 127896  
Conc: 1.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



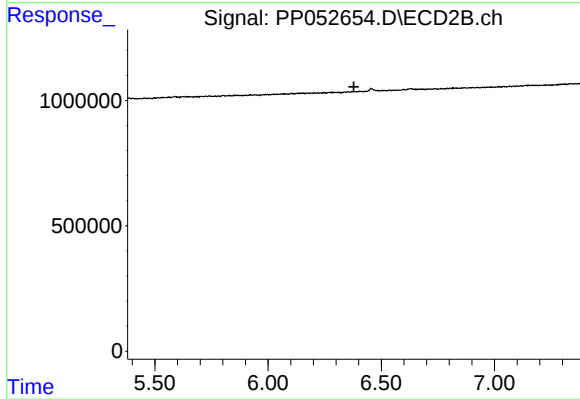
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.148 min  
Response: 0  
Conc: N.D.



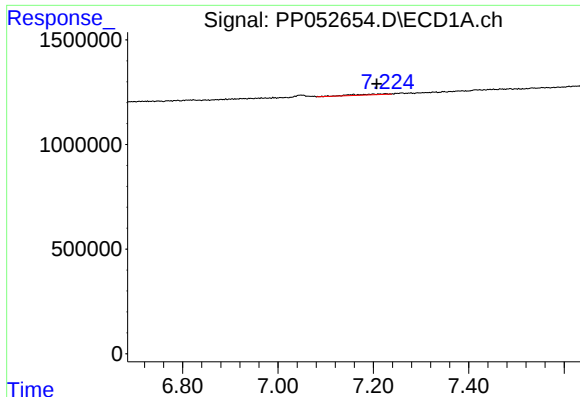
#29 AR-1254-4

R.T.: 7.329 min  
Delta R.T.: -0.001 min  
Response: 97614  
Conc: 1.58 ng/ml



#29 AR-1254-4

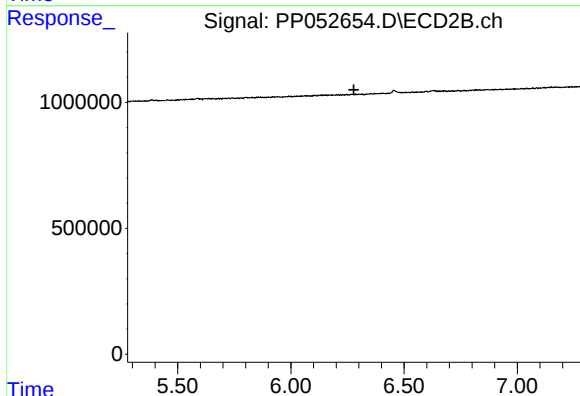
R.T.: 0.000 min  
Exp R.T. : 6.379 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

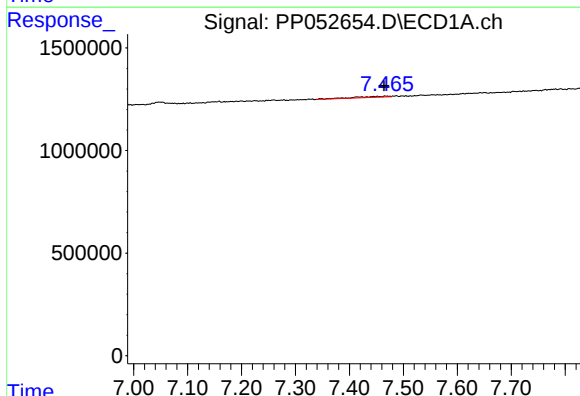
R.T.: 7.225 min  
Delta R.T.: 0.019 min  
Response: 188210  
Conc: 2.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



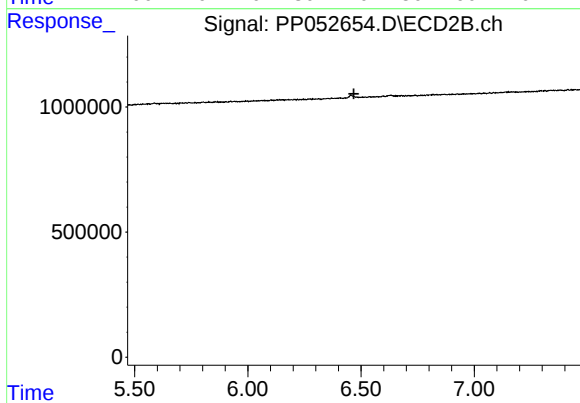
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.278 min  
Response: 0  
Conc: N.D.



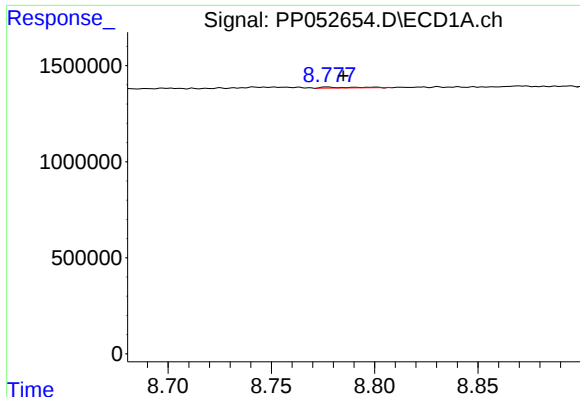
#32 AR-1260-2

R.T.: 7.452 min  
Delta R.T.: -0.012 min  
Response: 236365  
Conc: 2.82 ng/ml



#32 AR-1260-2

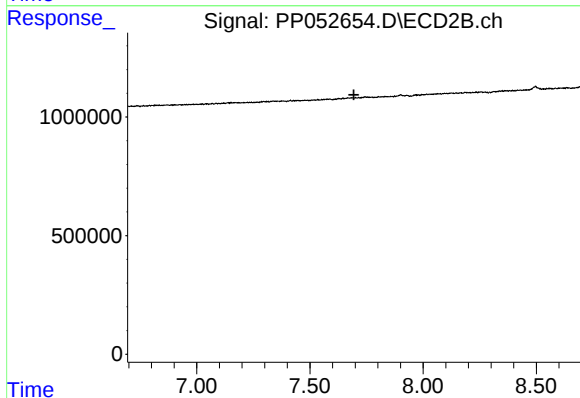
R.T.: 0.000 min  
Exp R.T. : 6.468 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

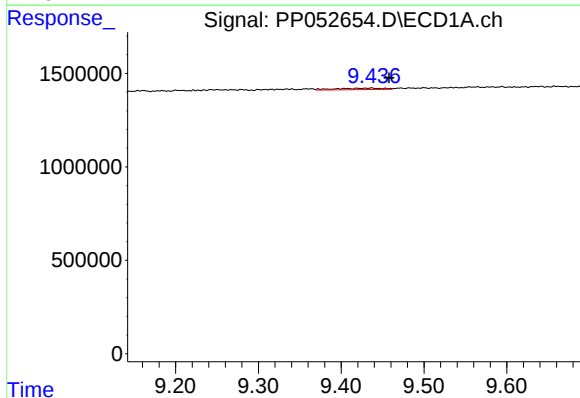
R.T.: 8.778 min  
Delta R.T.: -0.007 min  
Response: 56676  
Conc: 0.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



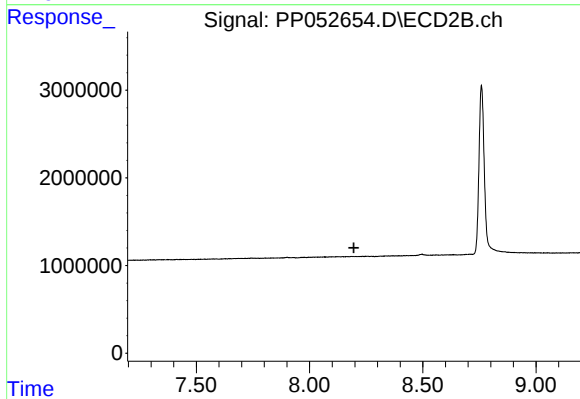
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.694 min  
Response: 0  
Conc: N.D.



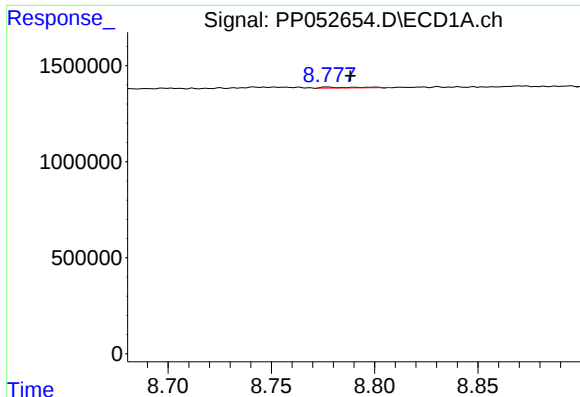
#40 AR-1262-5

R.T.: 9.436 min  
Delta R.T.: -0.021 min  
Response: 282121  
Conc: 4.40 ng/ml



#40 AR-1262-5

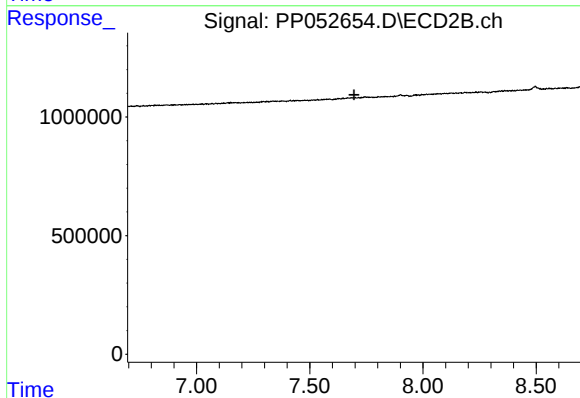
R.T.: 0.000 min  
Exp R.T. : 8.196 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

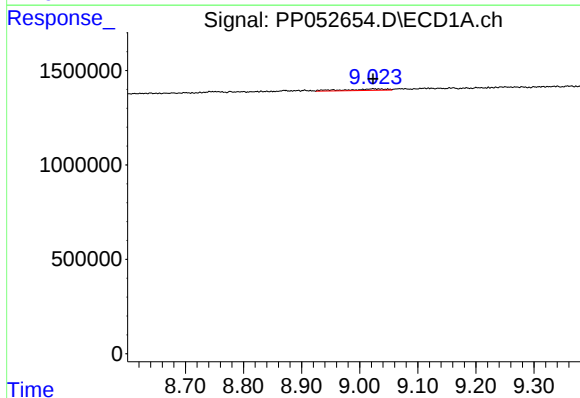
R.T.: 8.778 min  
Delta R.T.: -0.011 min  
Response: 56676  
Conc: 0.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



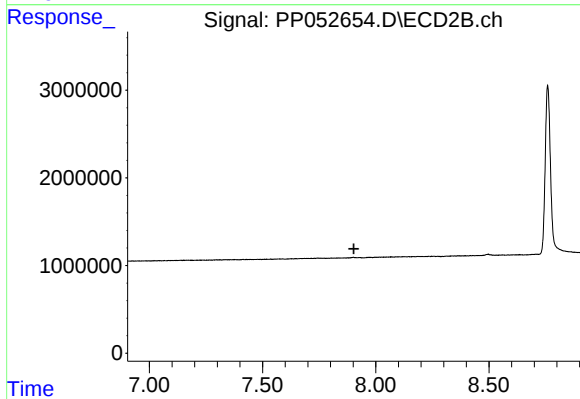
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.695 min  
Response: 0  
Conc: N.D.



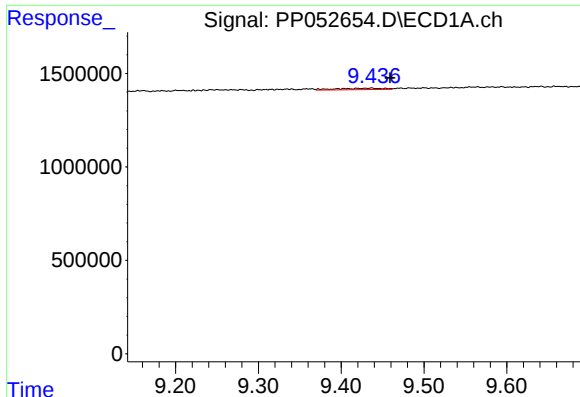
#43 AR-1268-3

R.T.: 9.023 min  
Delta R.T.: 0.000 min  
Response: 362457  
Conc: 2.02 ng/ml



#43 AR-1268-3

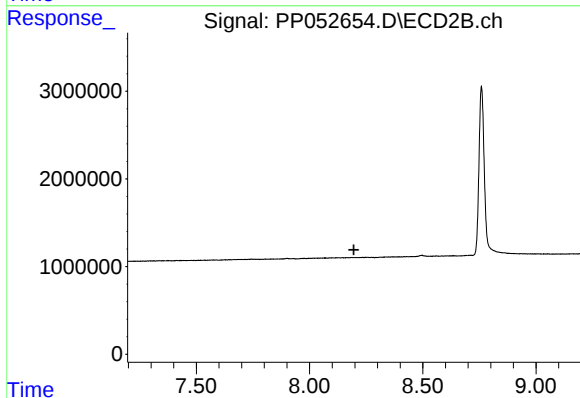
R.T.: 0.000 min  
Exp R.T. : 7.903 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

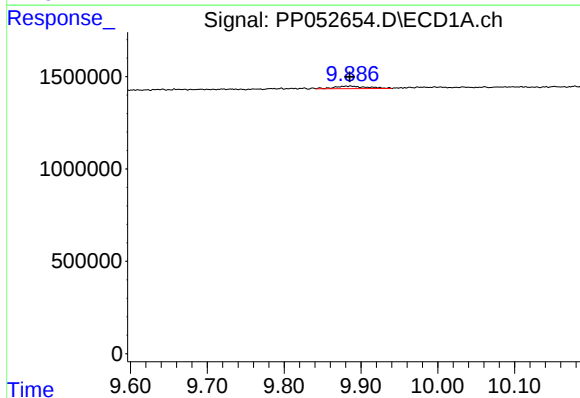
R.T.: 9.436 min  
Delta R.T.: -0.023 min  
Response: 282121  
Conc: 3.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT4-2022



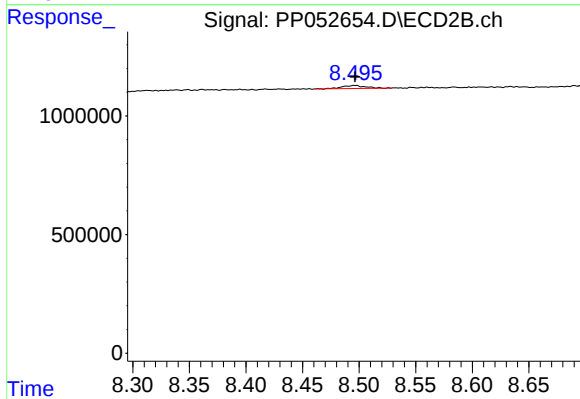
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.196 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.886 min  
Delta R.T.: 0.000 min  
Response: 403912  
Conc: 0.70 ng/ml



#45 AR-1268-5

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 183103  
Conc: 0.41 ng/ml