

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ100223\  
 Data File : PQ063471.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2023 12:10  
 Operator : YP\AJ  
 Sample : 04624-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 22:22:41 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092523CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 26 06:41:31 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...          | 3.462  | 2.781  | 86704960 | 70174632 | 16.526  | 17.365   |
| 2) SA Decachlor...          | 8.694  | 7.580  | 44575448 | 43379053 | 12.064  | 11.732   |
| Target Compounds            |        |        |          |          |         |          |
| 3) L1 AR-1016-1             | 4.600  | 3.829f | 2476578  | 2908016  | 14.994  | 21.875 # |
| 4) L1 AR-1016-2             | 4.600  | 3.829  | 2476578  | 2908016  | 9.830   | 15.159 # |
| 5) L1 AR-1016-3             | 4.671  | 0.000  | 6396335  | 0        | 40.823  | N.D. #   |
| 6) L1 AR-1016-4             | 4.748  | 4.050  | 546407   | 2373858  | 4.263   | 26.831 # |
| 8) L2 AR-1221-1             | 3.649  | 3.051f | 1149179  | 912473   | 18.331  | 18.845   |
| 9) L2 AR-1221-2             | 3.744  | 3.051  | 1286152  | 912473   | 31.156  | 27.381   |
| 10) L2 AR-1221-3            | 3.793  | 0.000  | 526497   | 0        | 3.839   | N.D. #   |
| 11) L3 AR-1232-1            | 3.793  | 0.000  | 526497   | 0        | 4.730   | N.D. #   |
| 12) L3 AR-1232-2            | 4.305  | 3.829  | 1363079  | 2908016  | 23.064  | 33.442 # |
| 13) L3 AR-1232-3            | 4.600  | 0.000  | 2476578  | 0        | 21.740  | N.D. #   |
| 14) L3 AR-1232-4            | 4.748  | 4.050  | 546407   | 2373858  | 9.451   | 60.692 # |
| 15) L3 AR-1232-5            | 4.894f | 0.000  | 3098782  | 0        | 76.548  | N.D. #   |
| 16) L4 AR-1242-1            | 4.600  | 3.829f | 2476578  | 2908016  | 17.785  | 25.815 # |
| 17) L4 AR-1242-2            | 4.600  | 3.829  | 2476578  | 2908016  | 11.553  | 17.908 # |
| 18) L4 AR-1242-3            | 4.671  | 0.000  | 6396335  | 0        | 48.114  | N.D. #   |
| 19) L4 AR-1242-4            | 4.748  | 4.050  | 546407   | 2373858  | 5.011   | 28.965 # |
| 21) L5 AR-1248-1            | 4.600  | 3.829f | 2476578  | 2908016  | 23.205  | 33.595 # |
| 22) L5 AR-1248-2            | 4.894f | 4.050  | 3098782  | 2373858  | 20.243  | 18.434   |
| 23) L5 AR-1248-3            | 0.000  | 4.050  | 0        | 2373858  | N.D.    | 19.159 # |
| 27) L6 AR-1254-2            | 5.634  | 0.000  | 33394848 | 0        | 106.660 | N.D. #   |
| 33) L7 AR-1260-3            | 6.818f | 0.000  | 4838070  | 0        | 22.128  | N.D. #   |
| 34) L7 AR-1260-4            | 0.000  | 5.996  | 0        | 12312872 | N.D.    | 60.764 # |
| 35) L7 AR-1260-5            | 0.000  | 6.256  | 0        | 5194195  | N.D.    | 11.198 # |
| 36) L8 AR-1262-1            | 6.818f | 0.000  | 4838070  | 0        | 14.652  | N.D. #   |
| 37) L8 AR-1262-2            | 0.000  | 6.256  | 0        | 5194195  | N.D.    | 10.024 # |
| 38) L8 AR-1262-3            | 0.000  | 6.543  | 0        | 1635231  | N.D.    | 7.621 #  |
| 39) L8 AR-1262-4            | 0.000  | 6.543f | 0        | 1635231  | N.D.    | 4.183 #  |
| 40) L8 AR-1262-5            | 8.160  | 0.000  | 2092896  | 0        | 11.310  | N.D. #   |
| 41) L9 AR-1268-1            | 0.000  | 6.543  | 0        | 1635231  | N.D.    | 2.710 #  |
| 42) L9 AR-1268-2            | 0.000  | 6.543f | 0        | 1635231  | N.D.    | 3.014 #  |
| 44) L9 AR-1268-4            | 8.160  | 0.000  | 2092896  | 0        | 10.327  | N.D. #   |
| 45) L9 AR-1268-5            | 8.452  | 0.000  | 849751   | 0        | 0.592   | N.D. #   |
| -----                       |        |        |          |          |         |          |

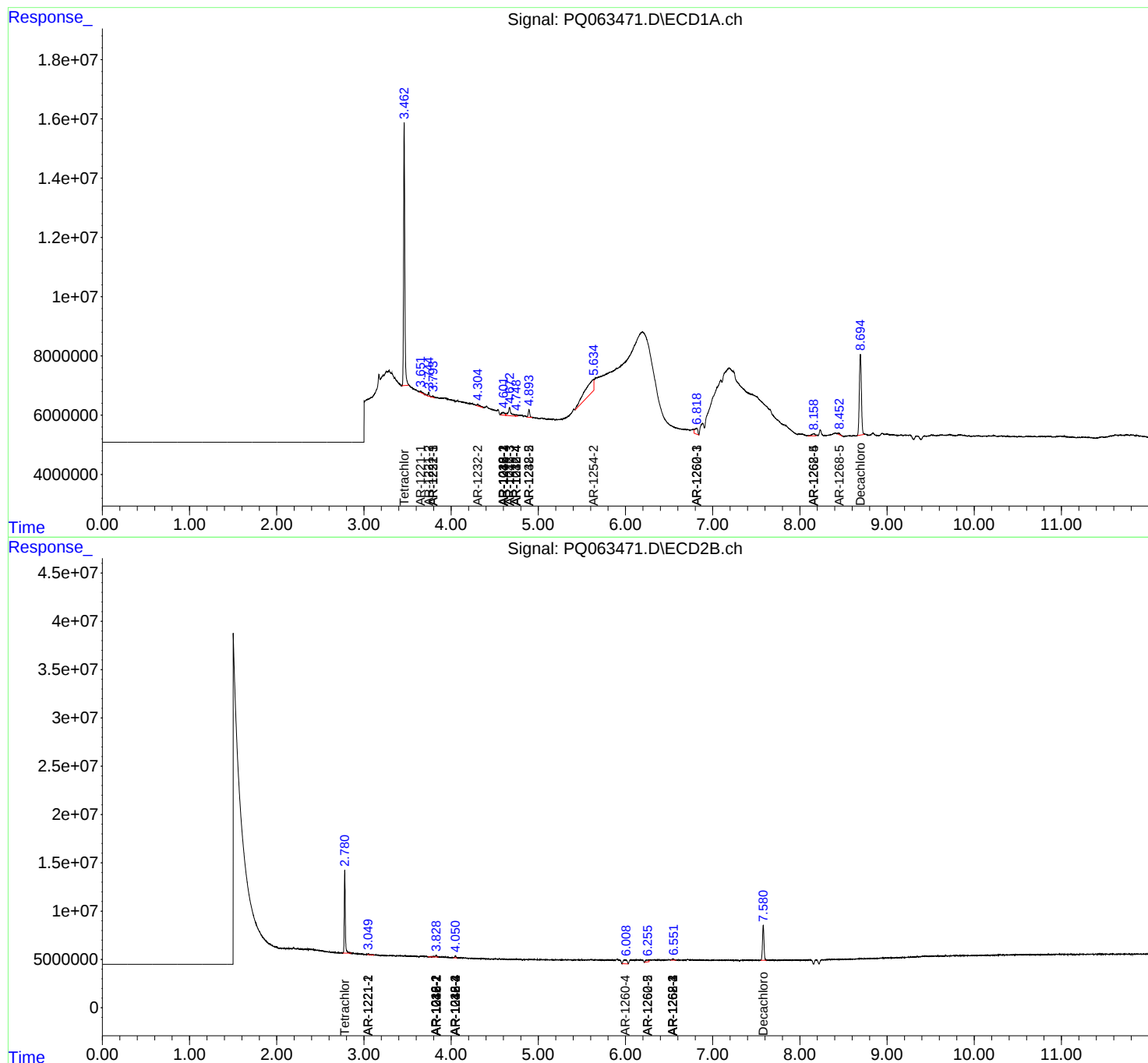
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

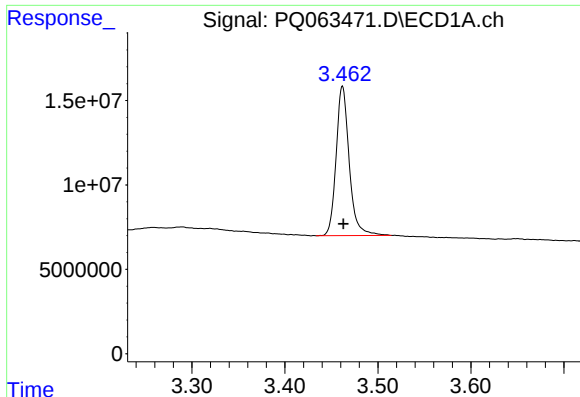
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ100223\  
Data File : PQ063471.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2023 12:10  
Operator : YP\AJ  
Sample : 04624-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 22:22:41 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092523CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 26 06:41:31 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

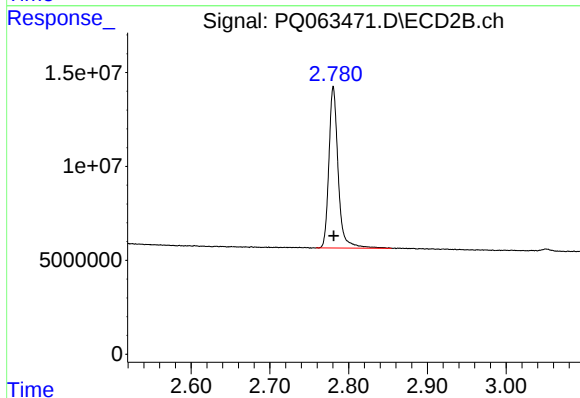




#1 Tetrachloro-m-xylene

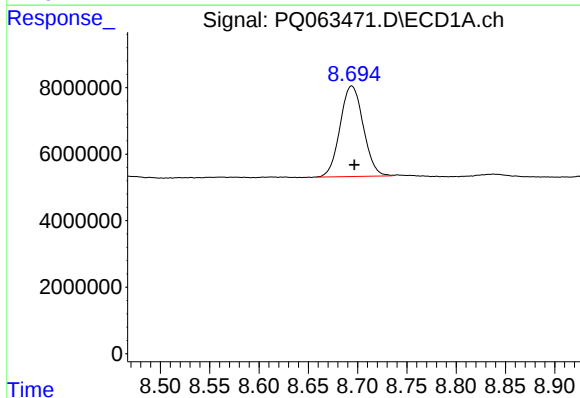
R.T.: 3.462 min  
Delta R.T.: -0.001 min  
Response: 86704960  
Conc: 16.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



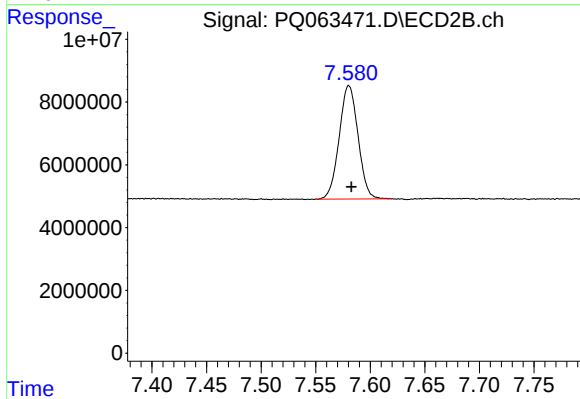
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: 0.000 min  
Response: 70174632  
Conc: 17.36 ng/ml



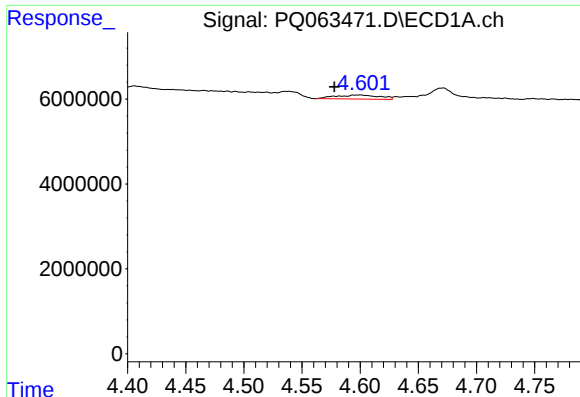
#2 Decachlorobiphenyl

R.T.: 8.694 min  
Delta R.T.: -0.003 min  
Response: 44575448  
Conc: 12.06 ng/ml



#2 Decachlorobiphenyl

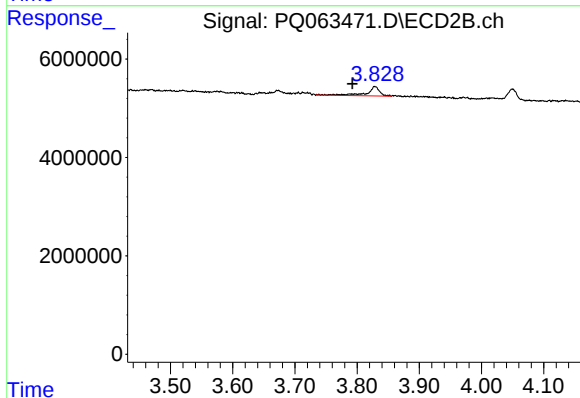
R.T.: 7.580 min  
Delta R.T.: -0.002 min  
Response: 43379053  
Conc: 11.73 ng/ml



#3 AR-1016-1

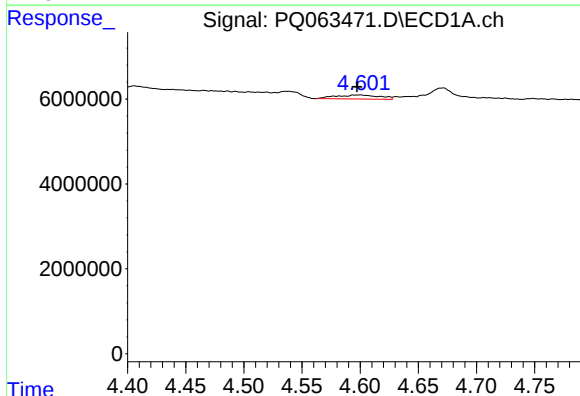
R.T.: 4.600 min  
Delta R.T.: 0.022 min  
Response: 2476578  
Conc: 14.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



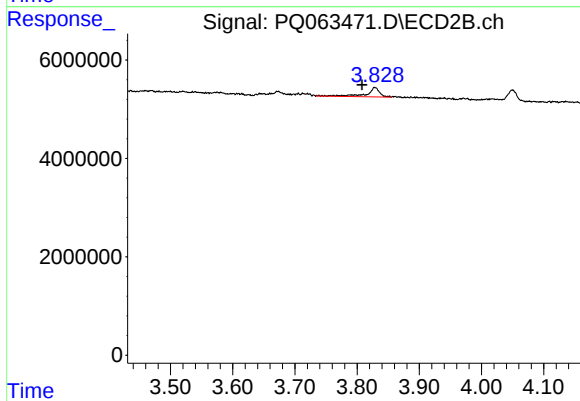
#3 AR-1016-1

R.T.: 3.829 min  
Delta R.T.: 0.036 min  
Response: 2908016  
Conc: 21.88 ng/ml



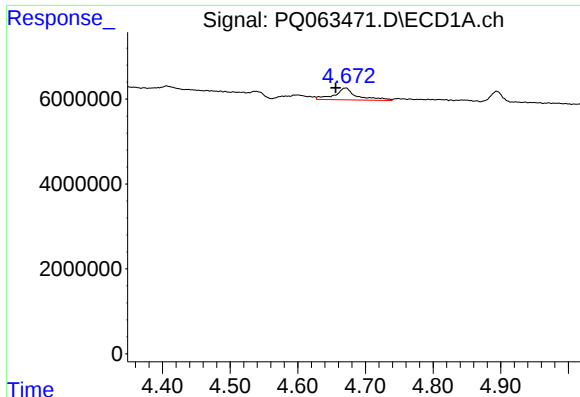
#4 AR-1016-2

R.T.: 4.600 min  
Delta R.T.: 0.003 min  
Response: 2476578  
Conc: 9.83 ng/ml



#4 AR-1016-2

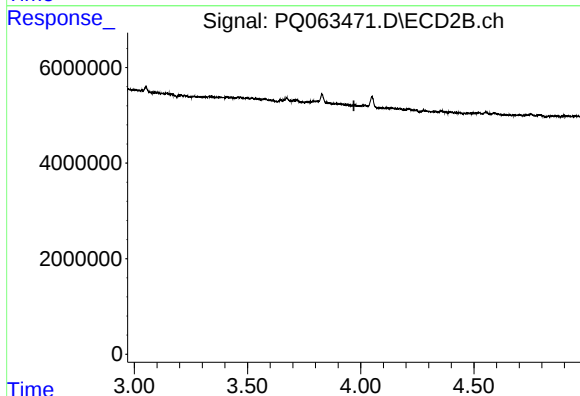
R.T.: 3.829 min  
Delta R.T.: 0.021 min  
Response: 2908016  
Conc: 15.16 ng/ml



#5 AR-1016-3

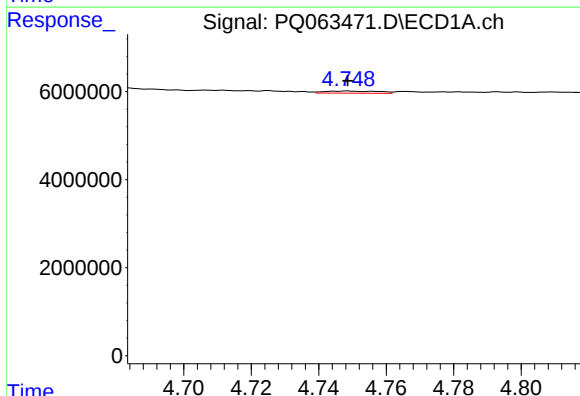
R.T.: 4.671 min  
Delta R.T.: 0.015 min  
Response: 6396335  
Conc: 40.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



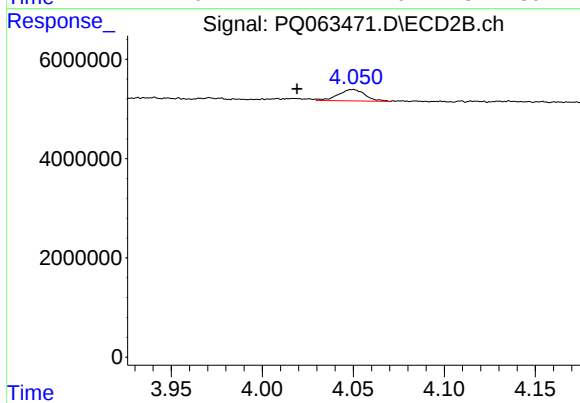
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 3.970 min  
Response: 0  
Conc: N.D.



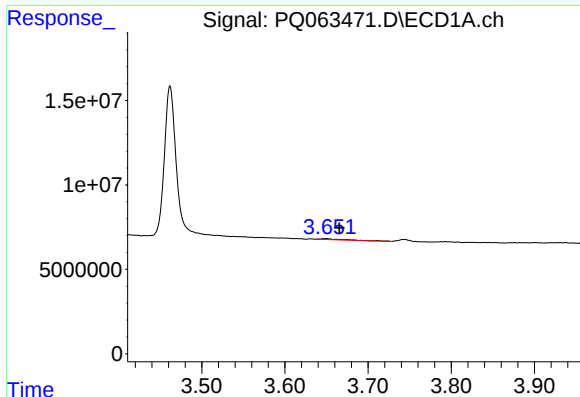
#6 AR-1016-4

R.T.: 4.748 min  
Delta R.T.: 0.000 min  
Response: 546407  
Conc: 4.26 ng/ml



#6 AR-1016-4

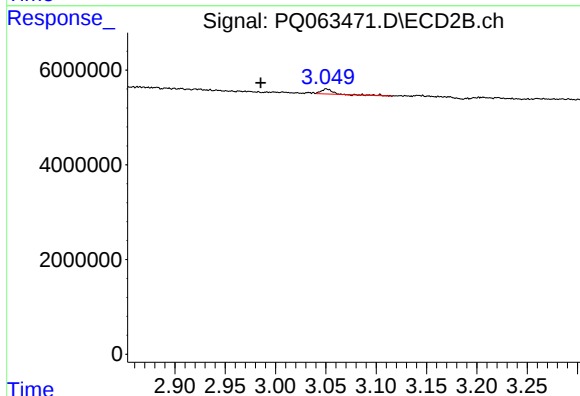
R.T.: 4.050 min  
Delta R.T.: 0.031 min  
Response: 2373858  
Conc: 26.83 ng/ml



#8 AR-1221-1

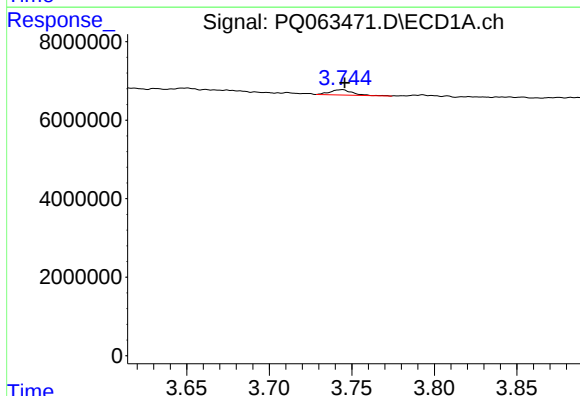
R.T.: 3.649 min  
Delta R.T.: -0.016 min  
Response: 1149179  
Conc: 18.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



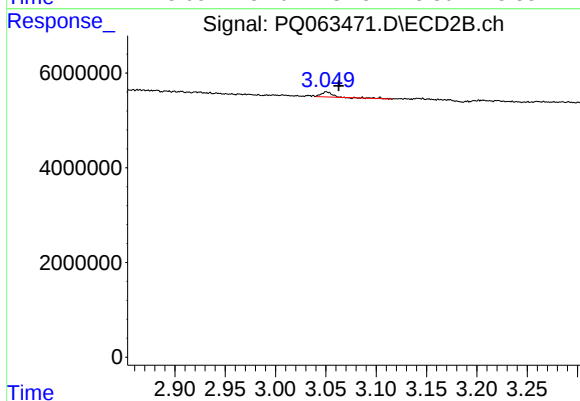
#8 AR-1221-1

R.T.: 3.051 min  
Delta R.T.: 0.065 min  
Response: 912473  
Conc: 18.85 ng/ml



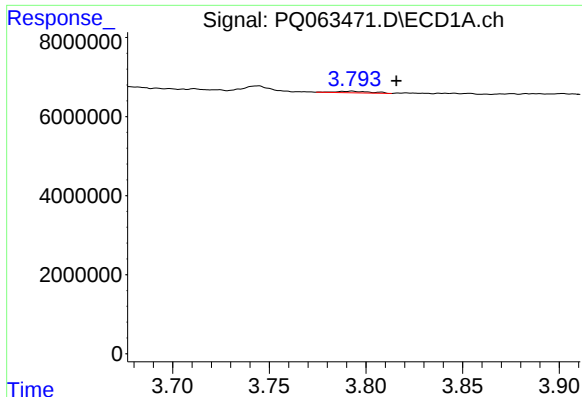
#9 AR-1221-2

R.T.: 3.744 min  
Delta R.T.: -0.002 min  
Response: 1286152  
Conc: 31.16 ng/ml



#9 AR-1221-2

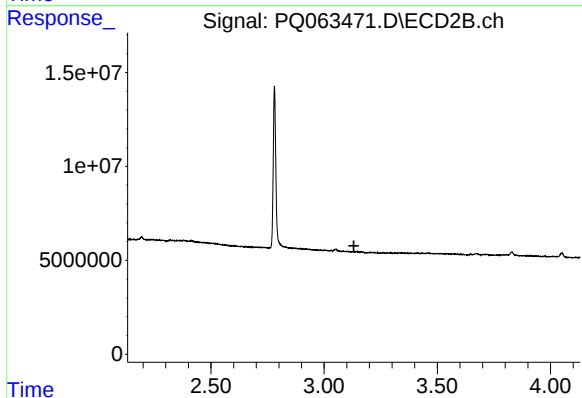
R.T.: 3.051 min  
Delta R.T.: -0.012 min  
Response: 912473  
Conc: 27.38 ng/ml



#10 AR-1221-3

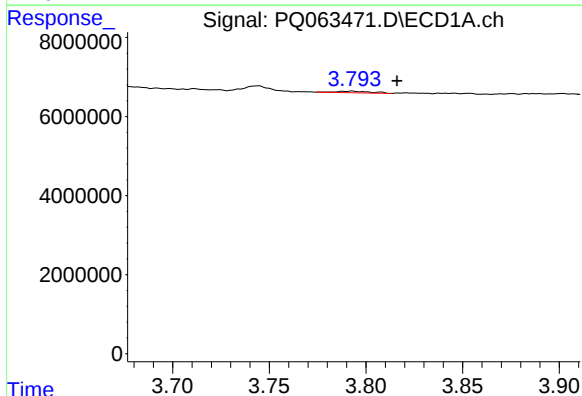
R.T.: 3.793 min  
Delta R.T.: -0.023 min  
Response: 526497  
Conc: 3.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



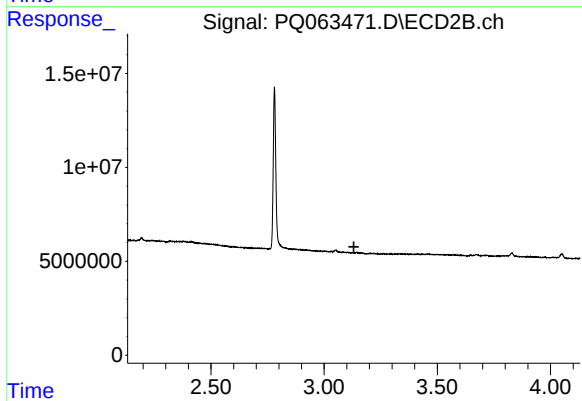
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.131 min  
Response: 0  
Conc: N.D.



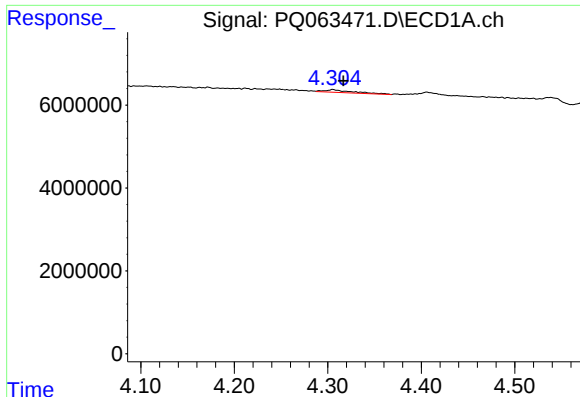
#11 AR-1232-1

R.T.: 3.793 min  
Delta R.T.: -0.023 min  
Response: 526497  
Conc: 4.73 ng/ml



#11 AR-1232-1

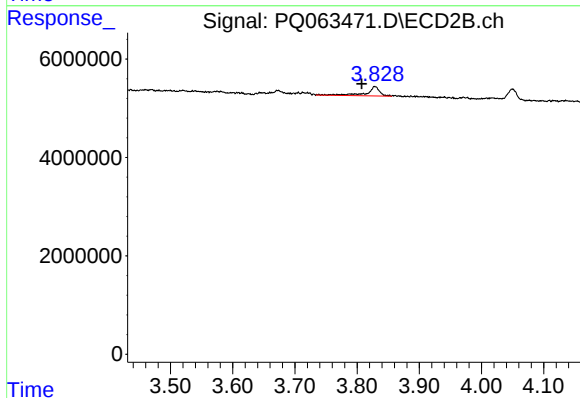
R.T.: 0.000 min  
Exp R.T. : 3.132 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

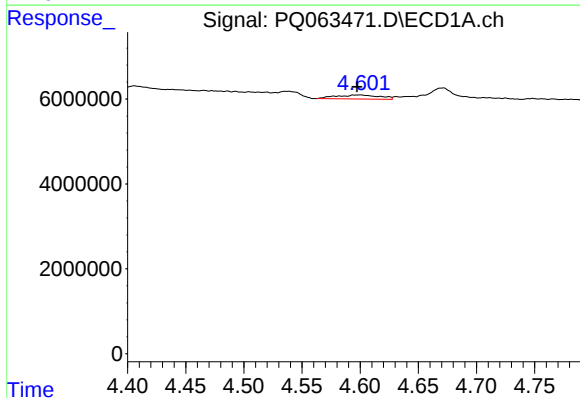
R.T.: 4.305 min  
Delta R.T.: -0.011 min  
Response: 1363079  
Conc: 23.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



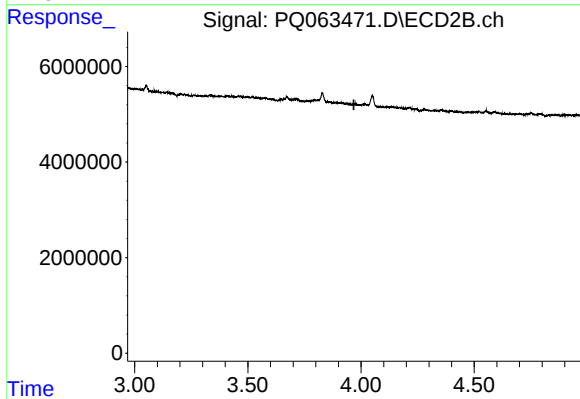
#12 AR-1232-2

R.T.: 3.829 min  
Delta R.T.: 0.021 min  
Response: 2908016  
Conc: 33.44 ng/ml



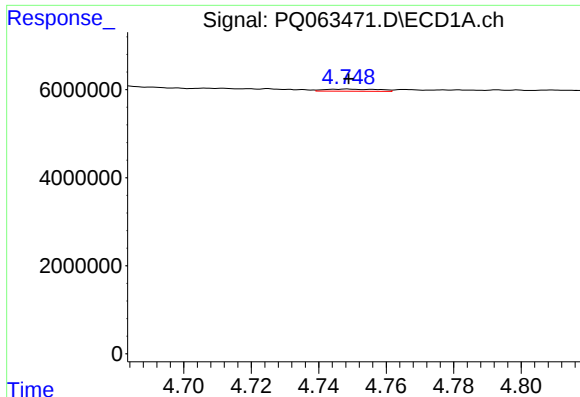
#13 AR-1232-3

R.T.: 4.600 min  
Delta R.T.: 0.003 min  
Response: 2476578  
Conc: 21.74 ng/ml



#13 AR-1232-3

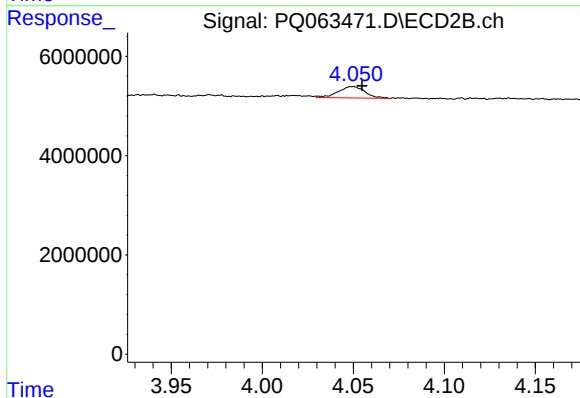
R.T.: 0.000 min  
Exp R.T.: 3.969 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

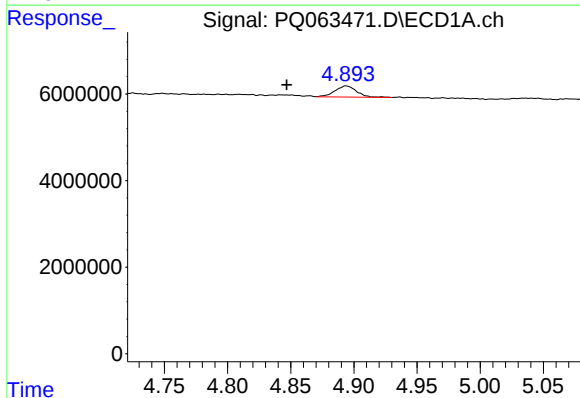
R.T.: 4.748 min  
Delta R.T.: 0.000 min  
Response: 546407  
Conc: 9.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



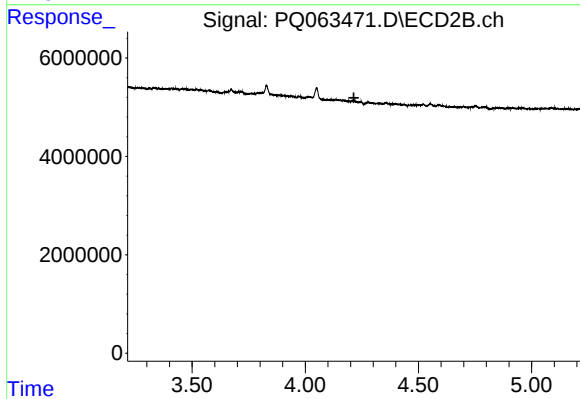
#14 AR-1232-4

R.T.: 4.050 min  
Delta R.T.: -0.005 min  
Response: 2373858  
Conc: 60.69 ng/ml



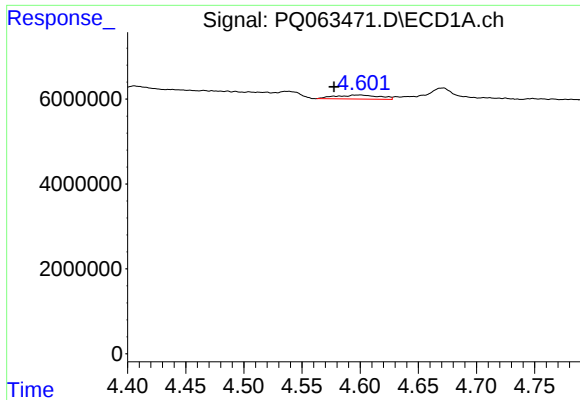
#15 AR-1232-5

R.T.: 4.894 min  
Delta R.T.: 0.047 min  
Response: 3098782  
Conc: 76.55 ng/ml



#15 AR-1232-5

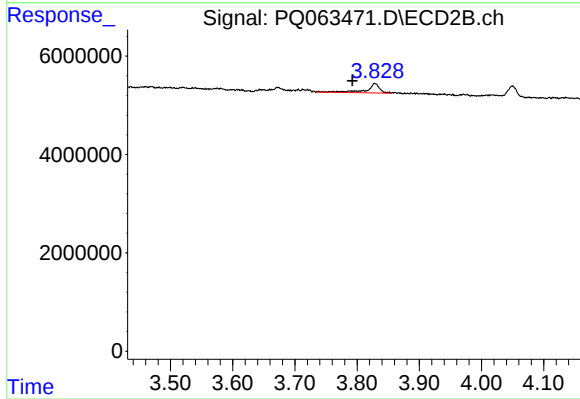
R.T.: 0.000 min  
Exp R.T.: 4.215 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

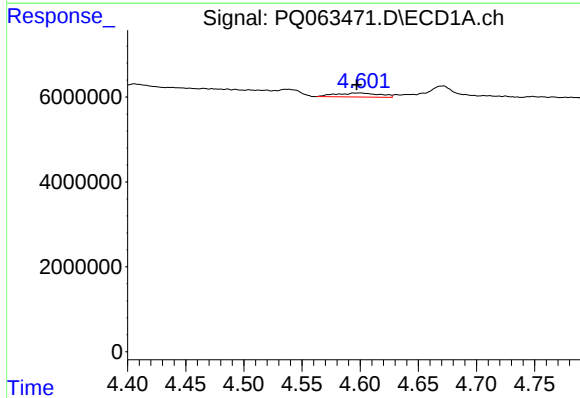
R.T.: 4.600 min  
Delta R.T.: 0.023 min  
Response: 2476578  
Conc: 17.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



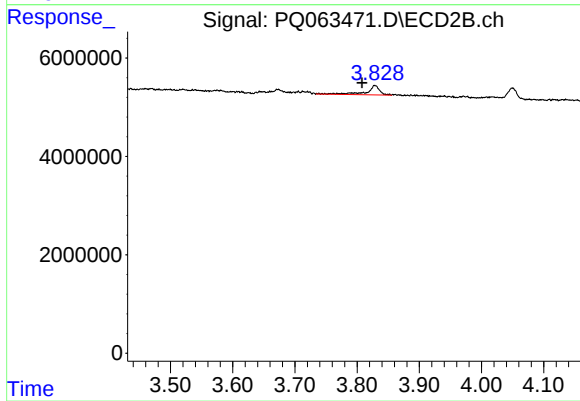
#16 AR-1242-1

R.T.: 3.829 min  
Delta R.T.: 0.037 min  
Response: 2908016  
Conc: 25.81 ng/ml



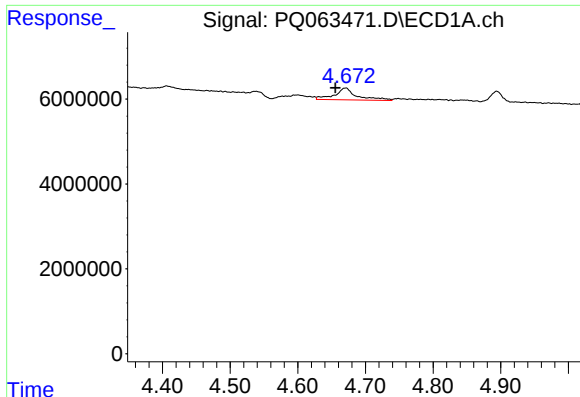
#17 AR-1242-2

R.T.: 4.600 min  
Delta R.T.: 0.003 min  
Response: 2476578  
Conc: 11.55 ng/ml



#17 AR-1242-2

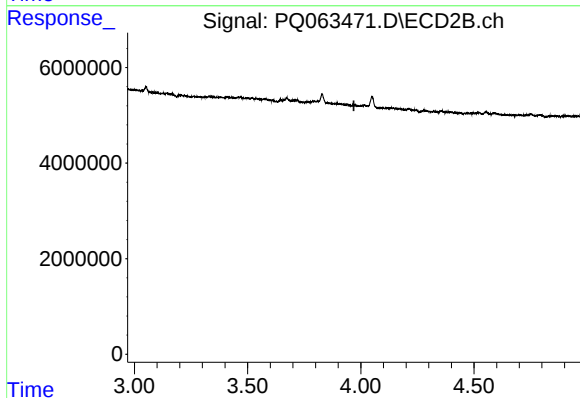
R.T.: 3.829 min  
Delta R.T.: 0.021 min  
Response: 2908016  
Conc: 17.91 ng/ml



#18 AR-1242-3

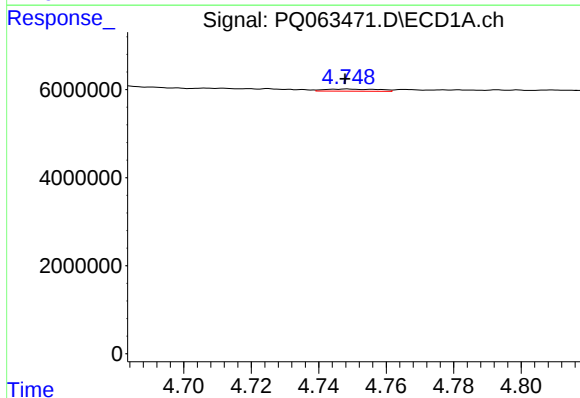
R.T.: 4.671 min  
Delta R.T.: 0.015 min  
Response: 6396335  
Conc: 48.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



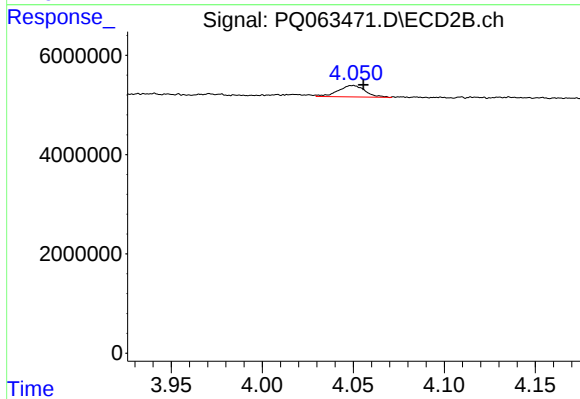
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 3.969 min  
Response: 0  
Conc: N.D.



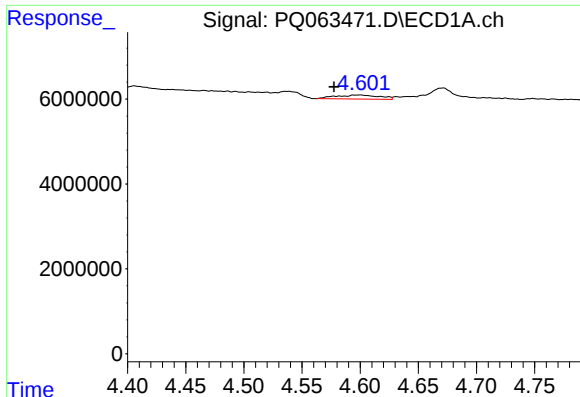
#19 AR-1242-4

R.T.: 4.748 min  
Delta R.T.: 0.000 min  
Response: 546407  
Conc: 5.01 ng/ml



#19 AR-1242-4

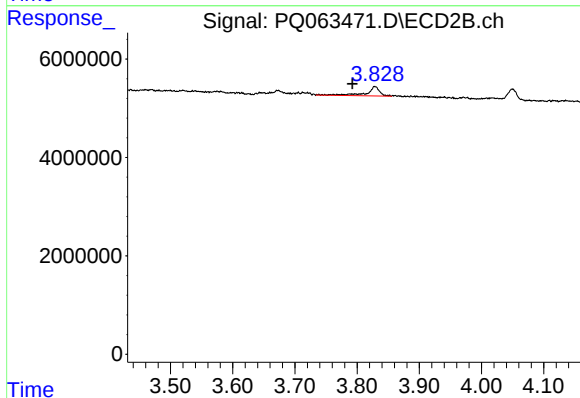
R.T.: 4.050 min  
Delta R.T.: -0.006 min  
Response: 2373858  
Conc: 28.96 ng/ml



#21 AR-1248-1

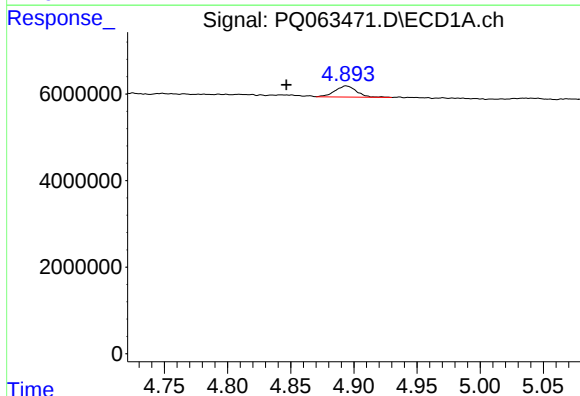
R.T.: 4.600 min  
Delta R.T.: 0.023 min  
Response: 2476578  
Conc: 23.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



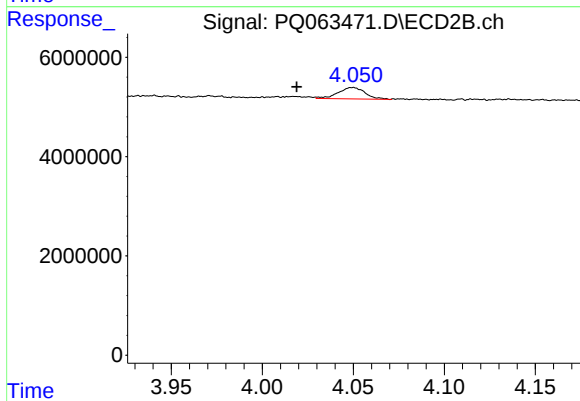
#21 AR-1248-1

R.T.: 3.829 min  
Delta R.T.: 0.037 min  
Response: 2908016  
Conc: 33.59 ng/ml



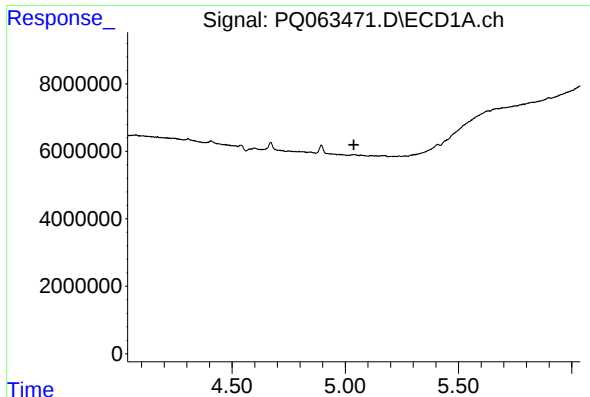
#22 AR-1248-2

R.T.: 4.894 min  
Delta R.T.: 0.047 min  
Response: 3098782  
Conc: 20.24 ng/ml



#22 AR-1248-2

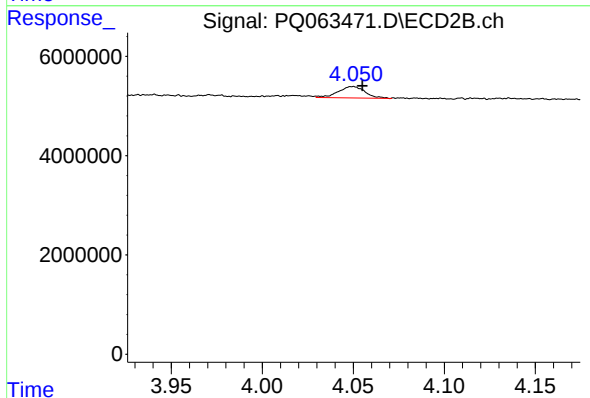
R.T.: 4.050 min  
Delta R.T.: 0.031 min  
Response: 2373858  
Conc: 18.43 ng/ml



#23 AR-1248-3

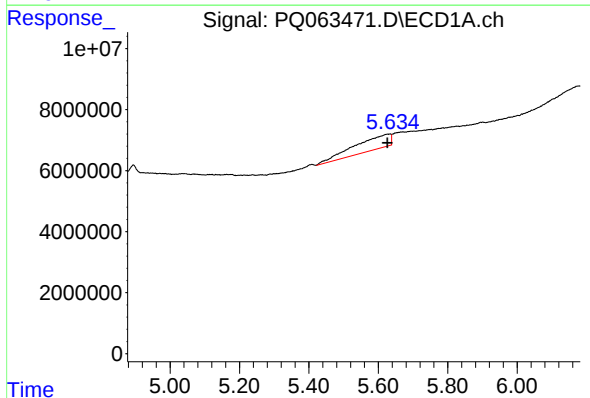
R.T.: 0.000 min  
Exp R.T.: 5.038 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



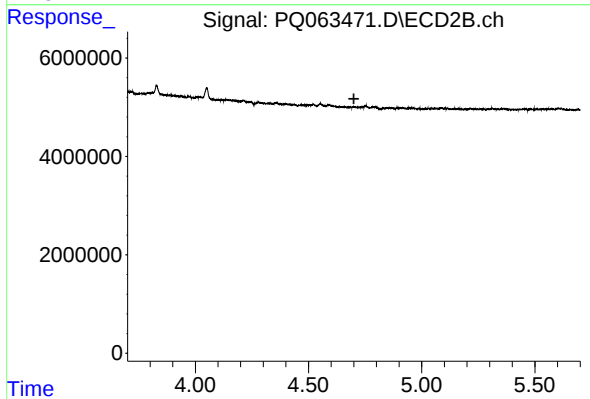
#23 AR-1248-3

R.T.: 4.050 min  
Delta R.T.: -0.005 min  
Response: 2373858  
Conc: 19.16 ng/ml



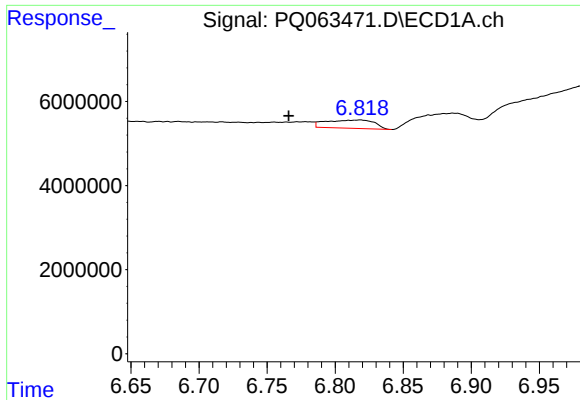
#27 AR-1254-2

R.T.: 5.634 min  
Delta R.T.: 0.007 min  
Response: 33394848  
Conc: 106.66 ng/ml



#27 AR-1254-2

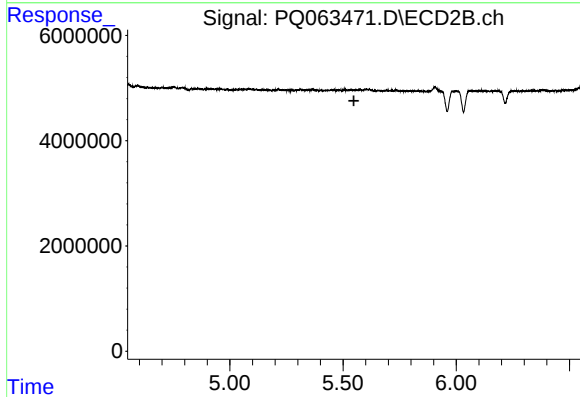
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

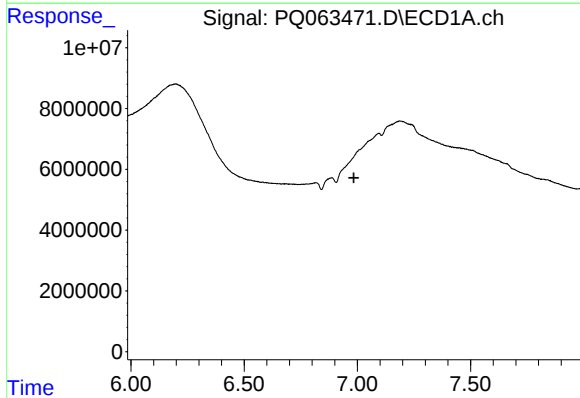
R.T.: 6.818 min  
Delta R.T.: 0.052 min  
Response: 4838070  
Conc: 22.13 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



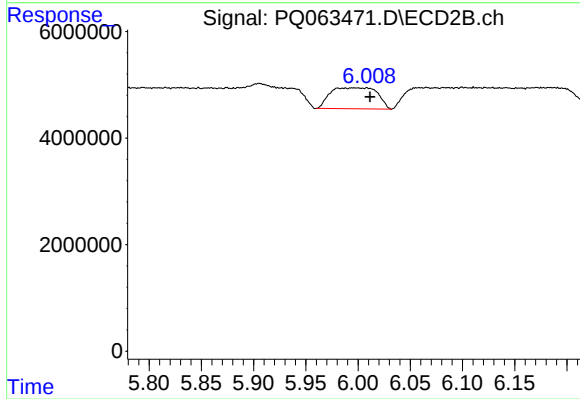
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 5.548 min  
Response: 0  
Conc: N.D.



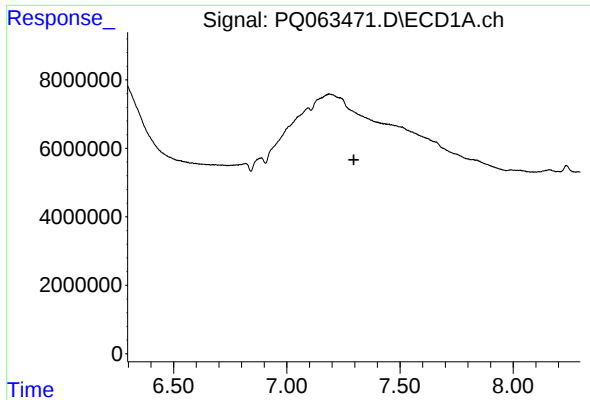
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.984 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

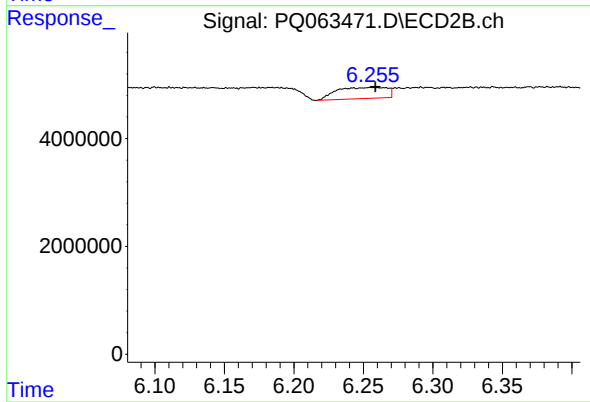
R.T.: 5.996 min  
Delta R.T.: -0.016 min  
Response: 12312872  
Conc: 60.76 ng/ml



#35 AR-1260-5

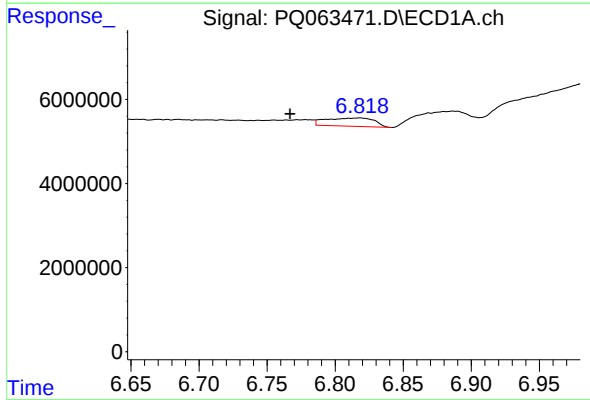
R.T.: 0.000 min  
Exp R.T.: 7.296 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



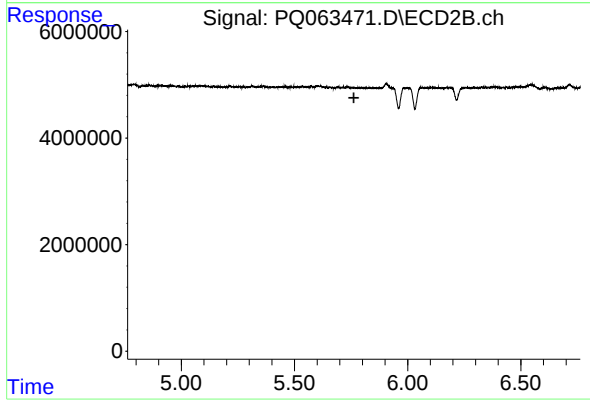
#35 AR-1260-5

R.T.: 6.256 min  
Delta R.T.: -0.003 min  
Response: 5194195  
Conc: 11.20 ng/ml



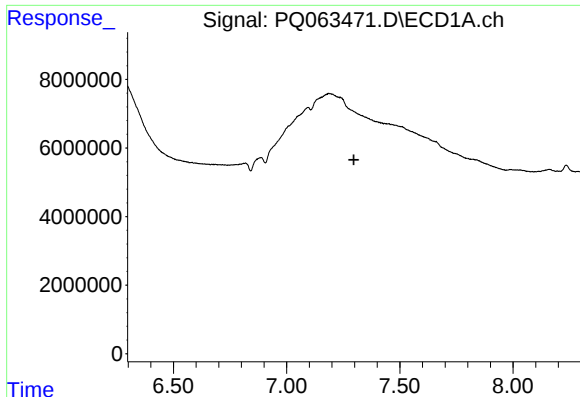
#36 AR-1262-1

R.T.: 6.818 min  
Delta R.T.: 0.051 min  
Response: 4838070  
Conc: 14.65 ng/ml



#36 AR-1262-1

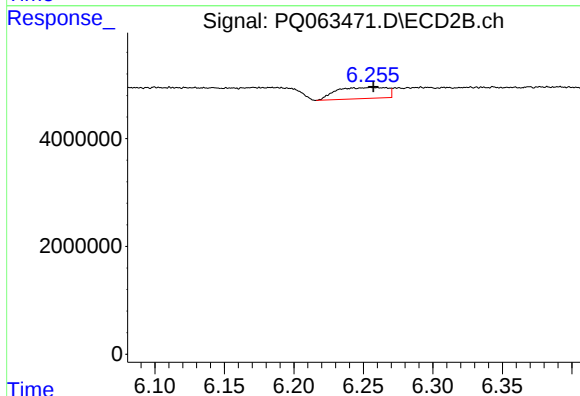
R.T.: 0.000 min  
Exp R.T.: 5.763 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

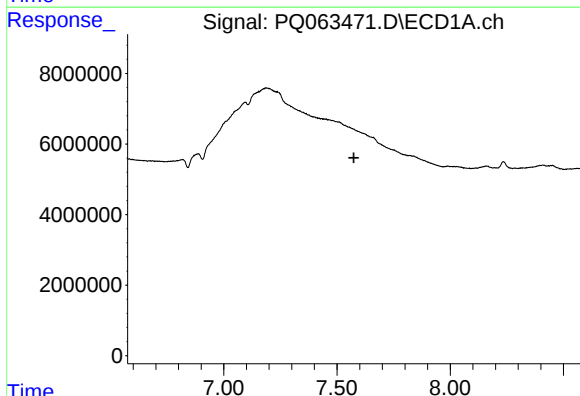
R.T.: 0.000 min  
Exp R.T.: 7.297 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



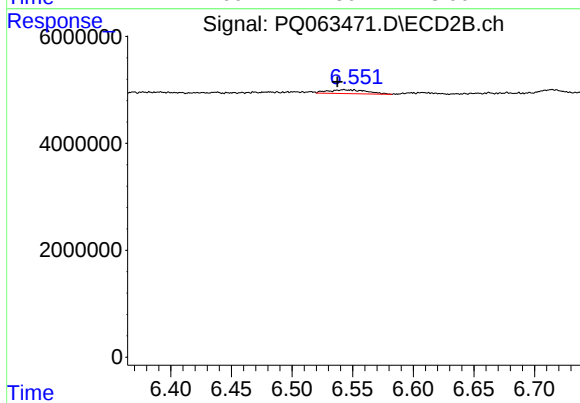
#37 AR-1262-2

R.T.: 6.256 min  
Delta R.T.: -0.001 min  
Response: 5194195  
Conc: 10.02 ng/ml



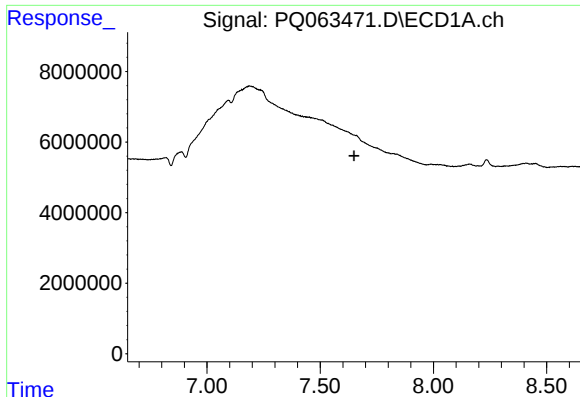
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 7.574 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

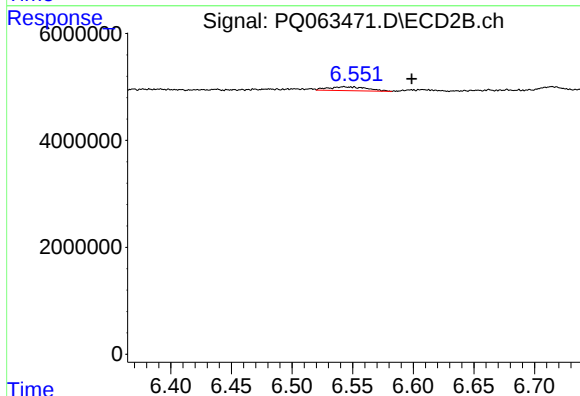
R.T.: 6.543 min  
Delta R.T.: 0.005 min  
Response: 1635231  
Conc: 7.62 ng/ml



#39 AR-1262-4

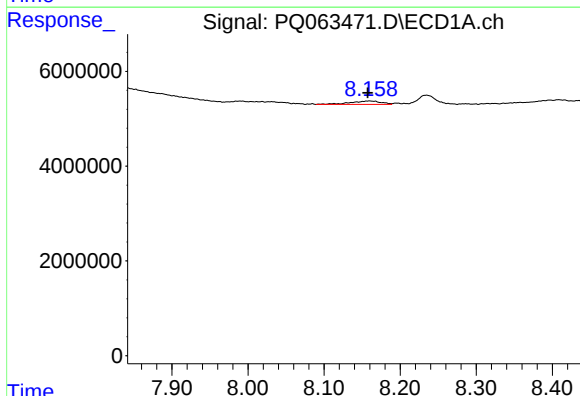
R.T.: 0.000 min  
Exp R.T.: 7.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



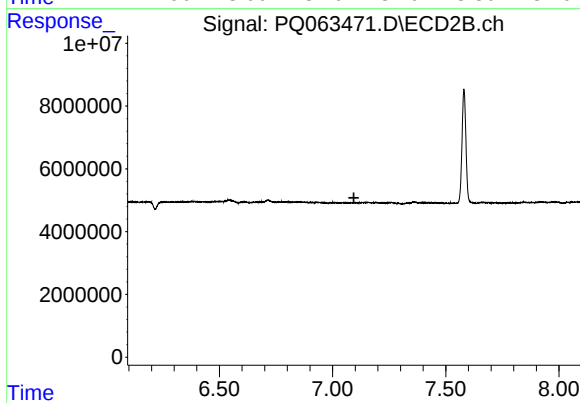
#39 AR-1262-4

R.T.: 6.543 min  
Delta R.T.: -0.056 min  
Response: 1635231  
Conc: 4.18 ng/ml



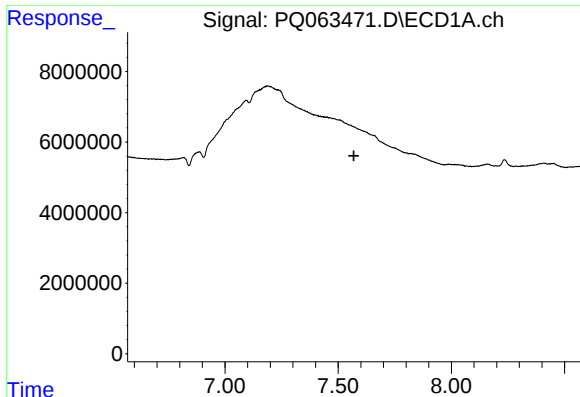
#40 AR-1262-5

R.T.: 8.160 min  
Delta R.T.: 0.003 min  
Response: 2092896  
Conc: 11.31 ng/ml



#40 AR-1262-5

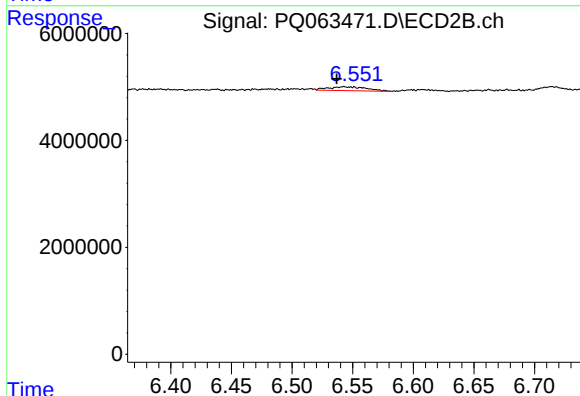
R.T.: 0.000 min  
Exp R.T.: 7.094 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

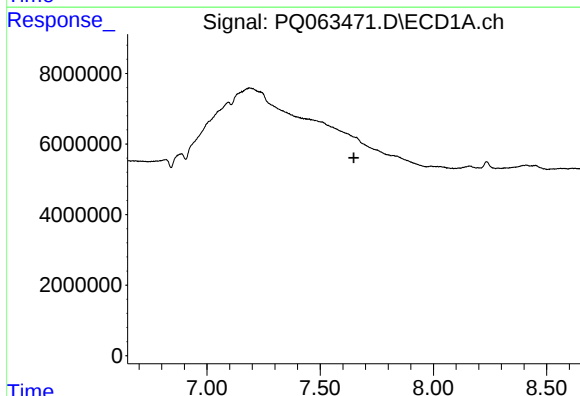
R.T.: 0.000 min  
Exp R.T.: 7.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



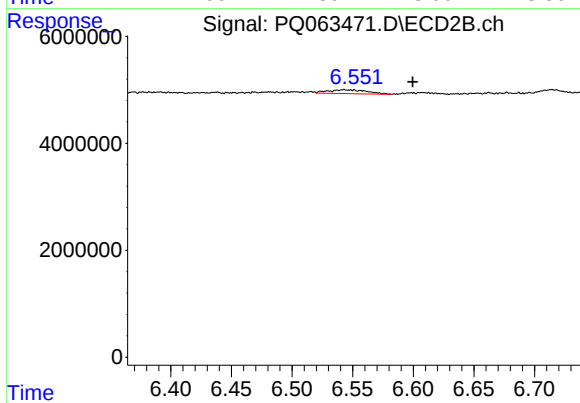
#41 AR-1268-1

R.T.: 6.543 min  
Delta R.T.: 0.006 min  
Response: 1635231  
Conc: 2.71 ng/ml



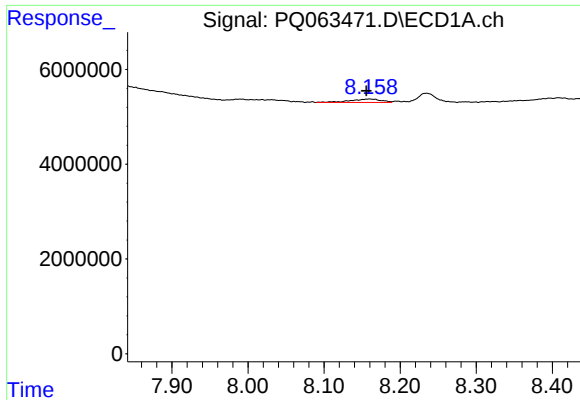
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 7.649 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

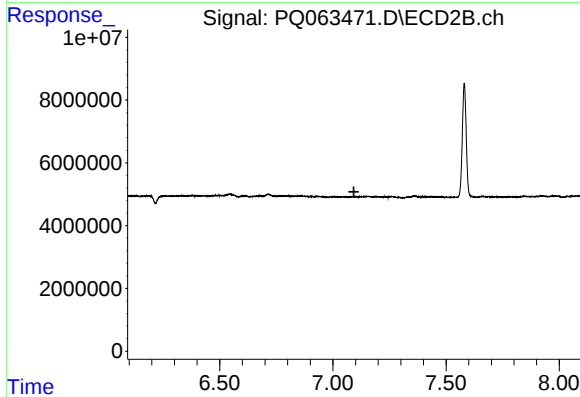
R.T.: 6.543 min  
Delta R.T.: -0.057 min  
Response: 1635231  
Conc: 3.01 ng/ml



#44 AR-1268-4

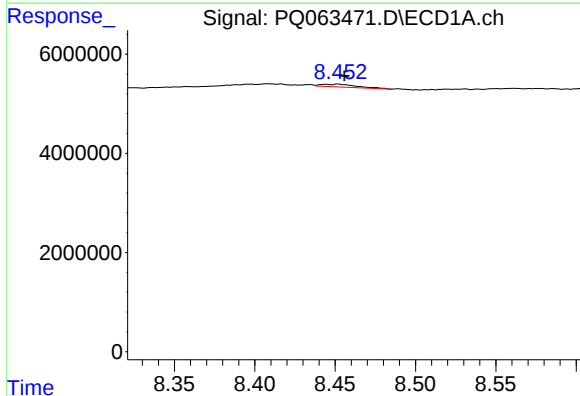
R.T.: 8.160 min  
Delta R.T.: 0.004 min  
Response: 2092896  
Conc: 10.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



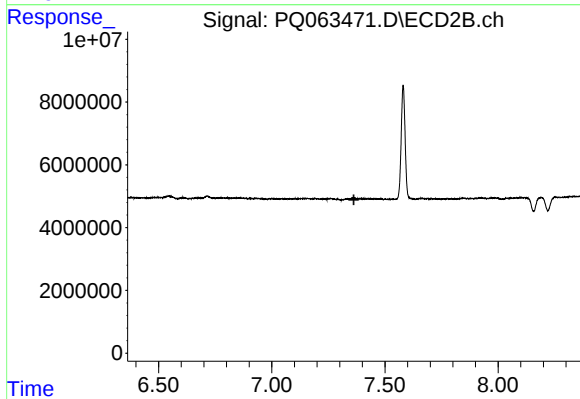
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.093 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.452 min  
Delta R.T.: -0.004 min  
Response: 849751  
Conc: 0.59 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 7.363 min  
Response: 0  
Conc: N.D.