

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ021321\  
 Data File : PQ052220.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Feb 2021 12:16  
 Operator : DD\AJ  
 Sample : PB134596BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 13 03:29:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ021221CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Feb 12 07:36:14 2021  
 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... | 5.229  | 4.246  | 523.7E6  | 179.3E6 | 21.322 | 21.378   |
| 2)                          | SA Decachlor... | 11.421 | 9.592  | 986.2E6  | 374.9E6 | 48.121 | 48.613   |
| Target Compounds            |                 |        |        |          |         |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.508  | 0        | 1039293 | N.D.   | 3.374 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.508  | 0        | 1039293 | N.D.   | 2.424 #  |
| 7)                          | L1 AR-1016-5    | 7.007f | 6.056f | 592889   | 90858   | 1.054  | 0.425 #  |
| 8)                          | L2 AR-1221-1    | 5.489  | 0.000  | 3364679  | 0       | 13.193 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.585  | 4.602  | 7258624  | 3289602 | 41.267 | 51.988 # |
| 10)                         | L2 AR-1221-3    | 5.639  | 4.642f | 1390794  | 1187511 | 2.362  | 5.507 #  |
| 11)                         | L3 AR-1232-1    | 5.639  | 4.642f | 1390794  | 1187511 | 2.830  | 6.567 #  |
| 12)                         | L3 AR-1232-2    | 6.218f | 5.508  | 2523600  | 1039293 | 9.805  | 5.264 #  |
| 15)                         | L3 AR-1232-5    | 6.836  | 6.056f | 1823533  | 90858   | 9.871  | 1.021 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.508  | 0        | 1039293 | N.D.   | 3.945 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.508  | 0        | 1039293 | N.D.   | 2.829 #  |
| 20)                         | L4 AR-1242-5    | 7.535  | 0.000  | 17651697 | 0       | 31.288 | N.D. #   |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.508  | 0        | 1039293 | N.D.   | 5.054 #  |
| 22)                         | L5 AR-1248-2    | 6.836  | 0.000  | 1823533  | 0       | 2.372  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 7.007f | 0.000  | 592889   | 0       | 0.672  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 7.473  | 6.056f | 14503079 | 90858   | 13.950 | 0.273 #  |
| 25)                         | L5 AR-1248-5    | 7.535  | 0.000  | 17651697 | 0       | 17.232 | N.D. #   |
| 26)                         | L6 AR-1254-1    | 7.473  | 0.000  | 14503079 | 0       | 14.599 | N.D. #   |
| 27)                         | L6 AR-1254-2    | 7.701  | 0.000  | 19242157 | 0       | 12.449 | N.D. #   |
| 28)                         | L6 AR-1254-3    | 8.099  | 0.000  | 26221787 | 0       | 15.514 | N.D. #   |
| 29)                         | L6 AR-1254-4    | 8.350  | 7.264f | 18990194 | 6279843 | 15.140 | 12.447   |
| 30)                         | L6 AR-1254-5    | 8.777  | 0.000  | 15389083 | 0       | 11.452 | N.D. #   |
| 31)                         | L7 AR-1260-1    | 8.249  | 0.000  | 16241494 | 0       | 16.252 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 8.517  | 7.304  | 17014419 | 2026487 | 13.852 | 3.817 #  |
| 33)                         | L7 AR-1260-3    | 8.850  | 7.462  | 13602613 | 2090034 | 14.874 | 4.373 #  |
| 35)                         | L7 AR-1260-5    | 9.451  | 8.228f | 19705234 | 3030221 | 8.685  | 2.814 #  |
| 36)                         | L8 AR-1262-1    | 8.850  | 0.000  | 13602613 | 0       | 8.640  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 9.451  | 8.228f | 19705234 | 3030221 | 6.578  | 2.260 #  |
| 38)                         | L8 AR-1262-3    | 9.767  | 8.501f | 9905580  | 1964201 | 4.976  | 3.757    |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.534  | 0        | 224028  | N.D.   | 0.229 #  |
| 40)                         | L8 AR-1262-5    | 10.632 | 0.000  | 3489610  | 0       | 3.207  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 9.767  | 8.501f | 9905580  | 1964201 | 2.818  | 1.220 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.534  | 0        | 224028  | N.D.   | 0.150 #  |
| 43)                         | L9 AR-1268-3    | 10.135 | 8.737  | 7783534  | 1332995 | 2.798  | 1.063 #  |
| 44)                         | L9 AR-1268-4    | 10.632 | 0.000  | 3489610  | 0       | 2.862  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 11.055 | 9.331  | 14302549 | 2548385 | 1.464  | 0.634 #  |
| -----                       |                 |        |        |          |         |        |          |

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

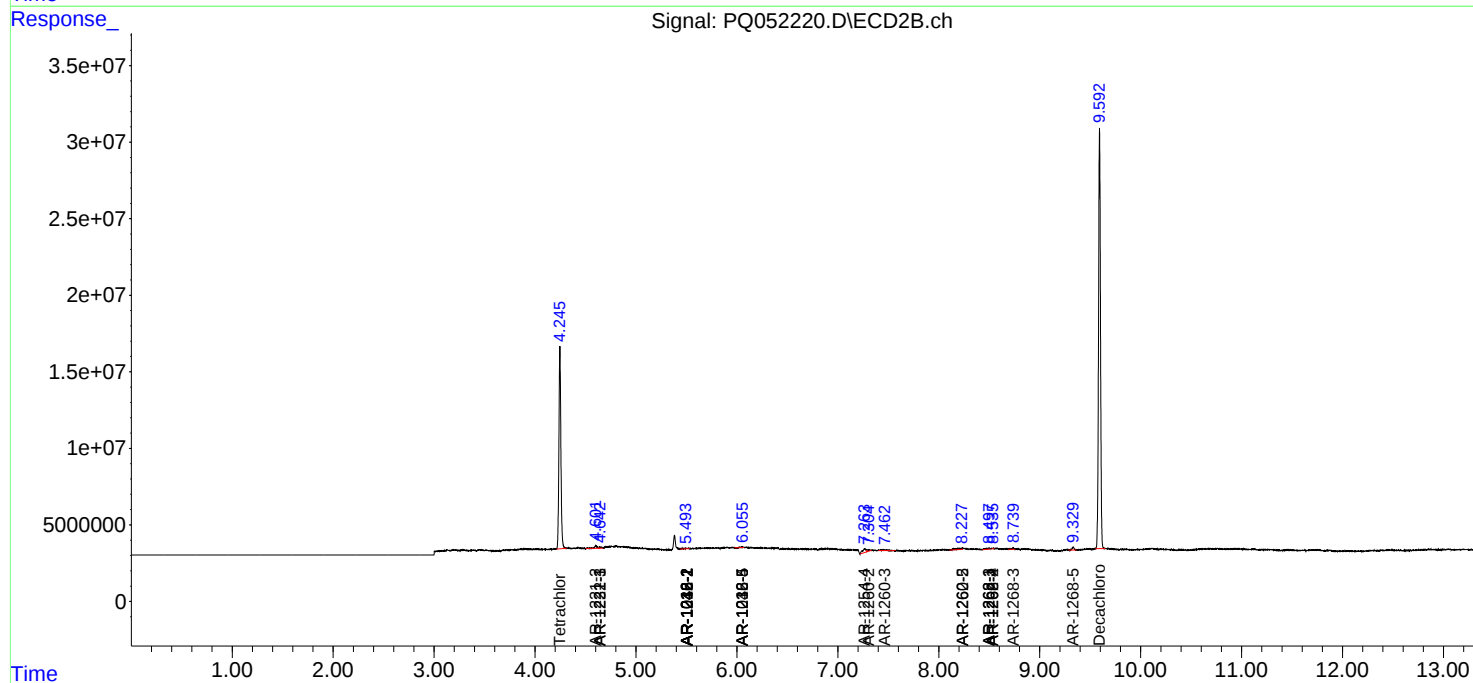
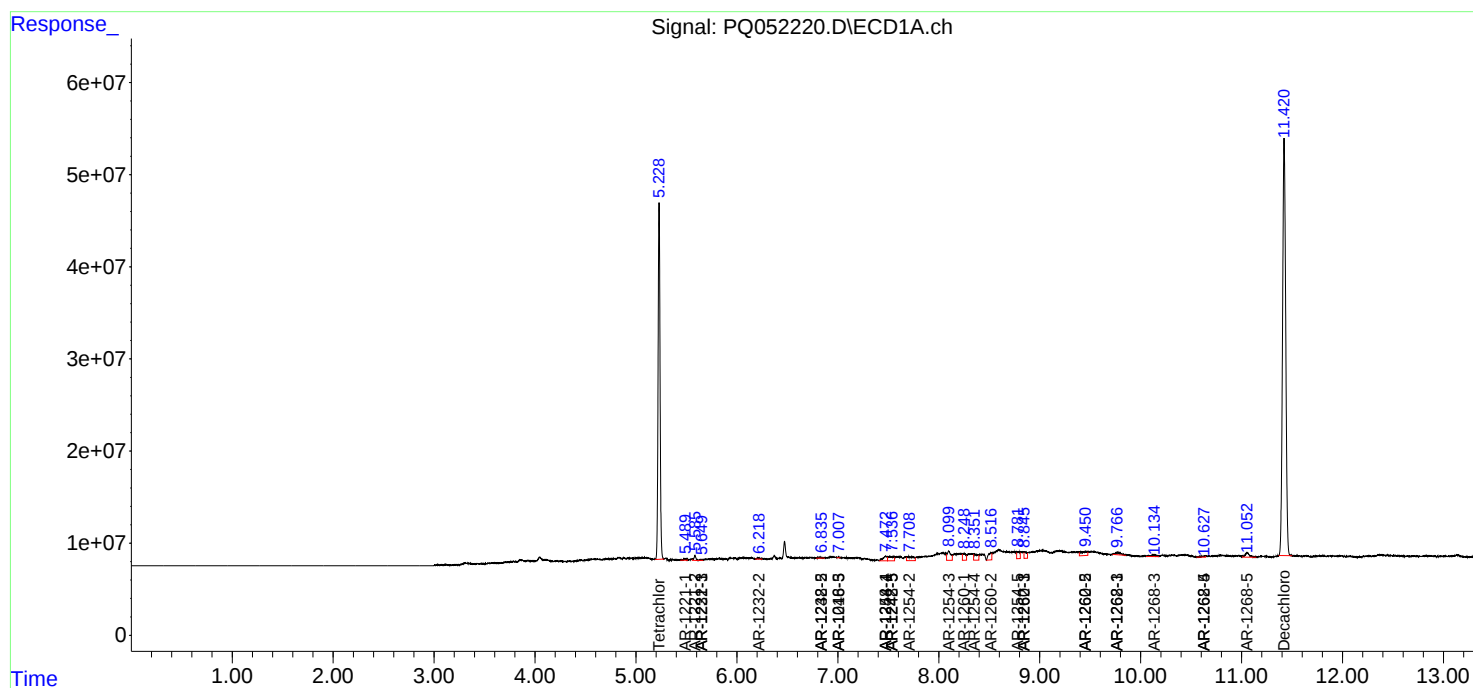
Instrument :  
ECD\_Q  
ClientSampleId :

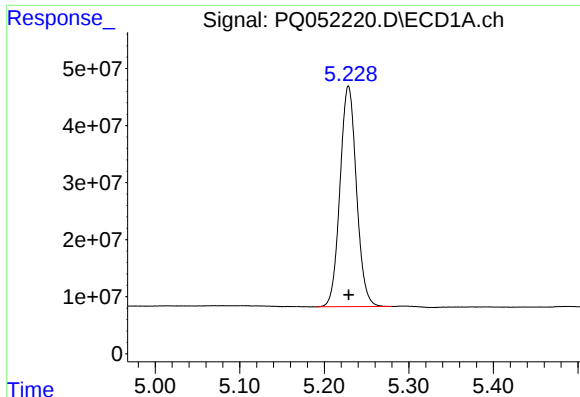
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ021321\  
Data File : PQ052220.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Feb 2021 12:16  
Operator : DD\AJ  
Sample : PB134596BL  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 13 03:29:04 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ021221CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Feb 12 07:36:14 2021  
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

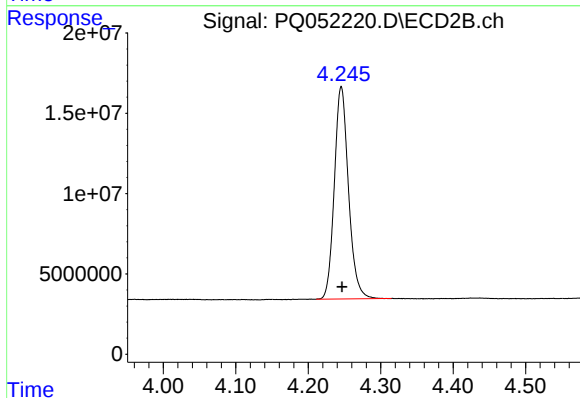




#1 Tetrachloro-m-xylene

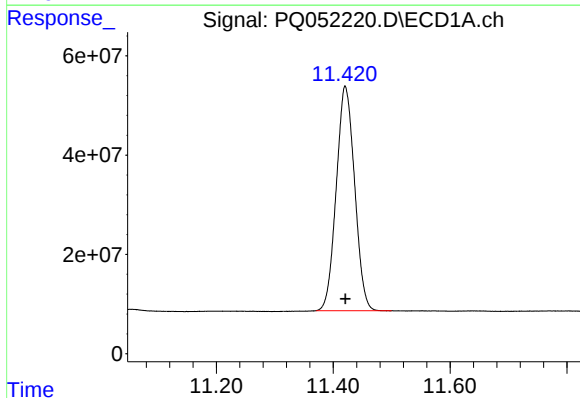
R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 523650366  
Conc: 21.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



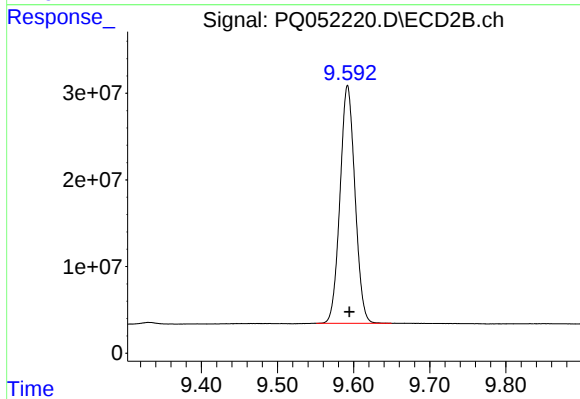
#1 Tetrachloro-m-xylene

R.T.: 4.246 min  
Delta R.T.: 0.000 min  
Response: 179328334  
Conc: 21.38 ng/ml



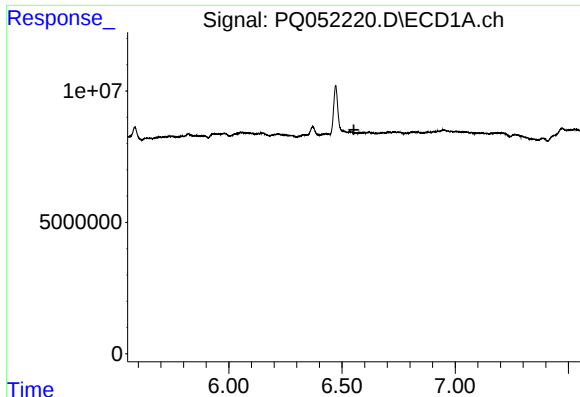
#2 Decachlorobiphenyl

R.T.: 11.421 min  
Delta R.T.: 0.000 min  
Response: 986241502  
Conc: 48.12 ng/ml



#2 Decachlorobiphenyl

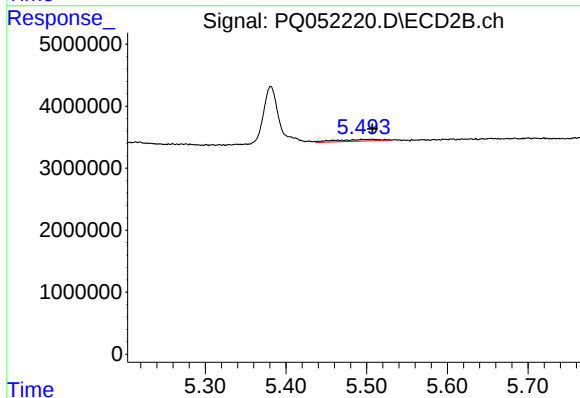
R.T.: 9.592 min  
Delta R.T.: -0.002 min  
Response: 374944360  
Conc: 48.61 ng/ml



#3 AR-1016-1

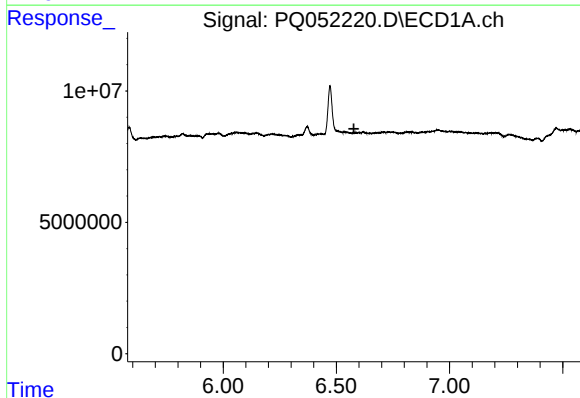
R.T.: 0.000 min  
Exp R.T.: 6.553 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



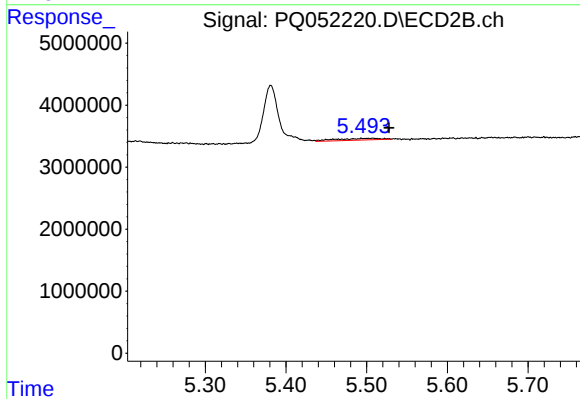
#3 AR-1016-1

R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 1039293  
Conc: 3.37 ng/ml



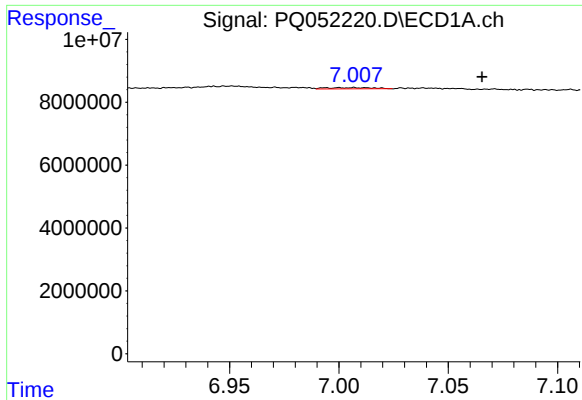
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 6.578 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

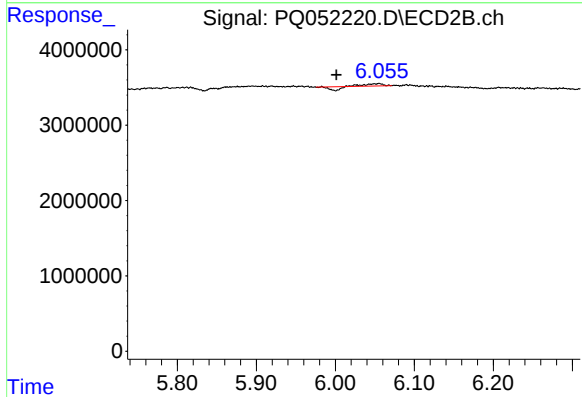
R.T.: 5.508 min  
Delta R.T.: -0.020 min  
Response: 1039293  
Conc: 2.42 ng/ml



#7 AR-1016-5

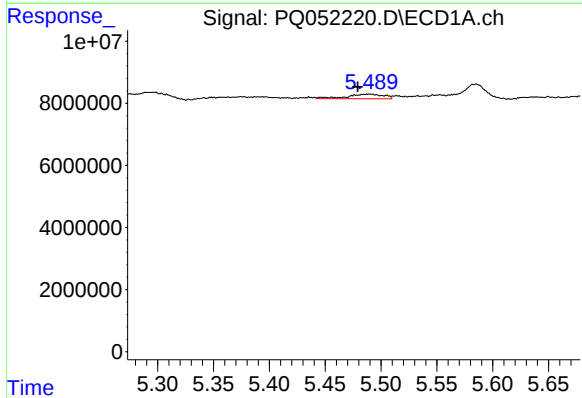
R.T.: 7.007 min  
Delta R.T.: -0.058 min  
Response: 592889  
Conc: 1.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



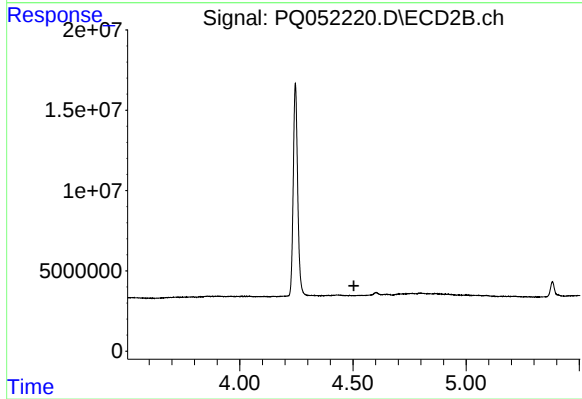
#7 AR-1016-5

R.T.: 6.056 min  
Delta R.T.: 0.054 min  
Response: 90858  
Conc: 0.43 ng/ml



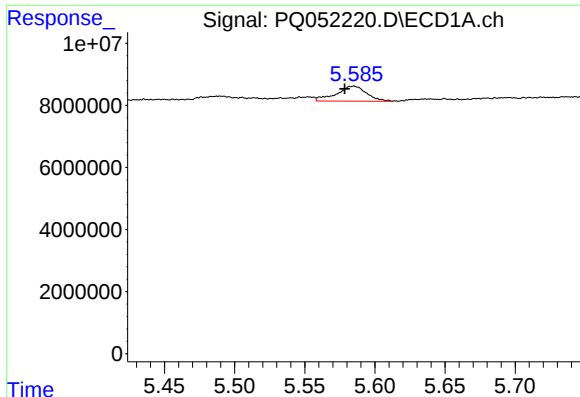
#8 AR-1221-1

R.T.: 5.489 min  
Delta R.T.: 0.010 min  
Response: 3364679  
Conc: 13.19 ng/ml



#8 AR-1221-1

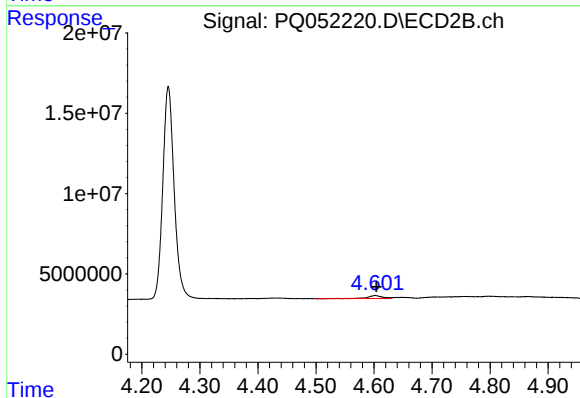
R.T.: 0.000 min  
Exp R.T.: 4.504 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

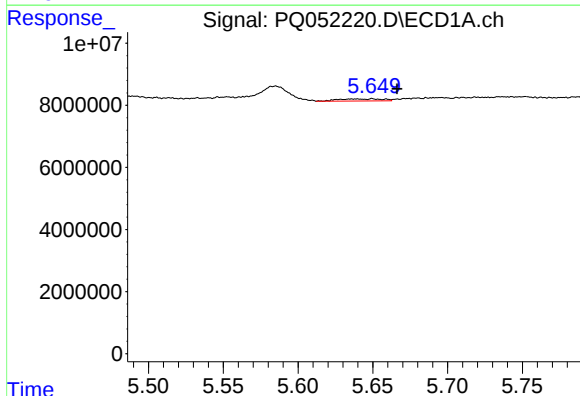
R.T.: 5.585 min  
Delta R.T.: 0.006 min  
Response: 7258624  
Conc: 41.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



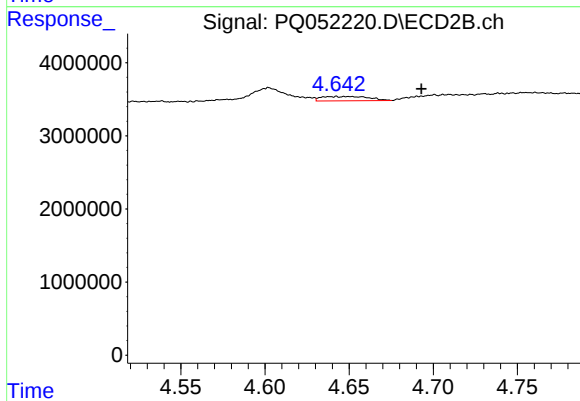
#9 AR-1221-2

R.T.: 4.602 min  
Delta R.T.: -0.002 min  
Response: 3289602  
Conc: 51.99 ng/ml



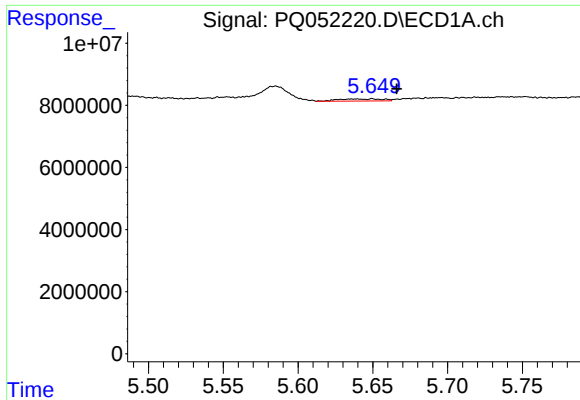
#10 AR-1221-3

R.T.: 5.639 min  
Delta R.T.: -0.027 min  
Response: 1390794  
Conc: 2.36 ng/ml



#10 AR-1221-3

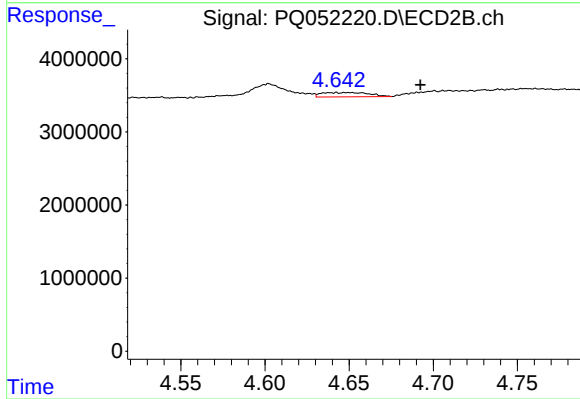
R.T.: 4.642 min  
Delta R.T.: -0.051 min  
Response: 1187511  
Conc: 5.51 ng/ml



#11 AR-1232-1

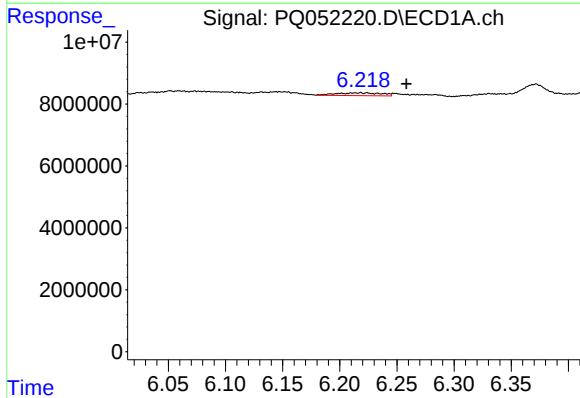
R.T.: 5.639 min  
Delta R.T.: -0.027 min  
Response: 1390794  
Conc: 2.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



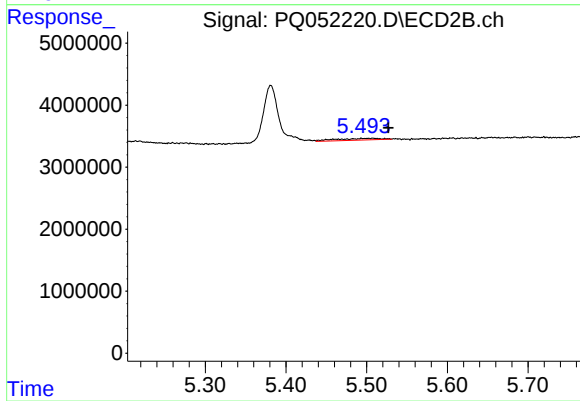
#11 AR-1232-1

R.T.: 4.642 min  
Delta R.T.: -0.050 min  
Response: 1187511  
Conc: 6.57 ng/ml



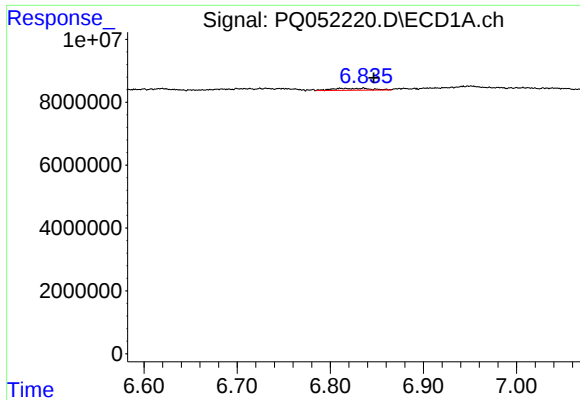
#12 AR-1232-2

R.T.: 6.218 min  
Delta R.T.: -0.040 min  
Response: 2523600  
Conc: 9.81 ng/ml



#12 AR-1232-2

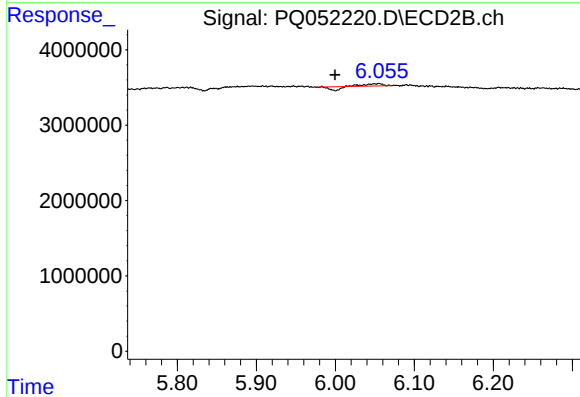
R.T.: 5.508 min  
Delta R.T.: -0.019 min  
Response: 1039293  
Conc: 5.26 ng/ml



#15 AR-1232-5

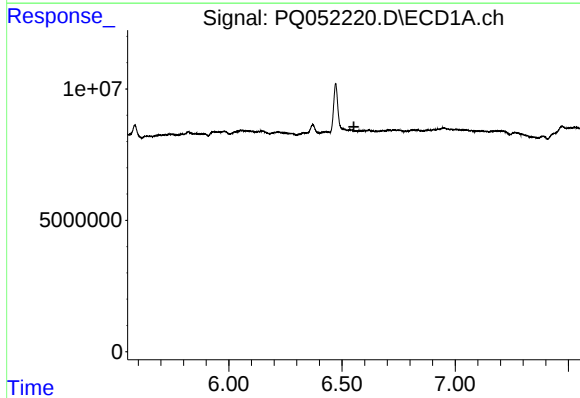
R.T.: 6.836 min  
Delta R.T.: -0.011 min  
Response: 1823533  
Conc: 9.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



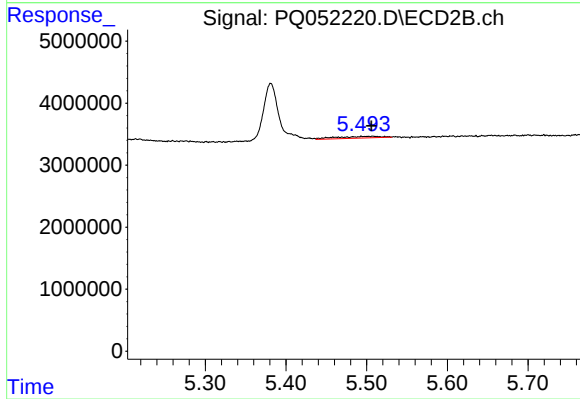
#15 AR-1232-5

R.T.: 6.056 min  
Delta R.T.: 0.056 min  
Response: 90858  
Conc: 1.02 ng/ml



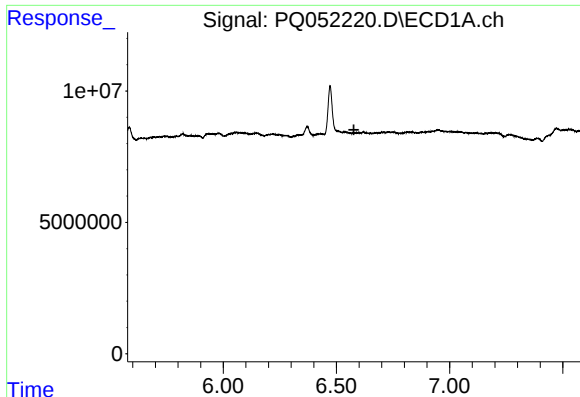
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 6.553 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

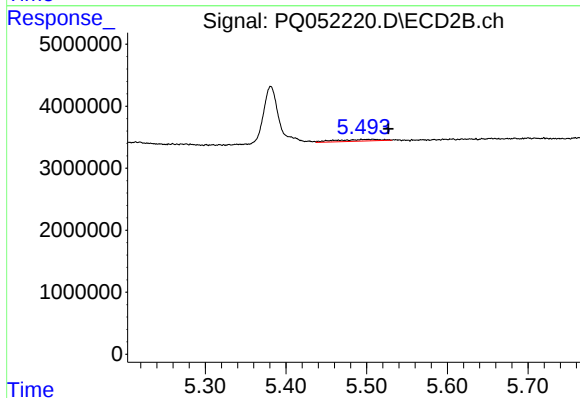
R.T.: 5.508 min  
Delta R.T.: 0.002 min  
Response: 1039293  
Conc: 3.95 ng/ml



#17 AR-1242-2

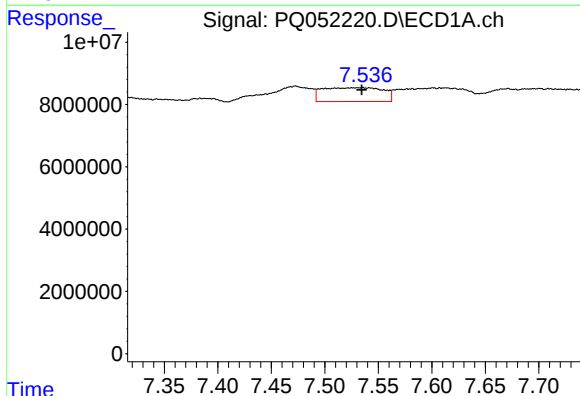
R.T.: 0.000 min  
Exp R.T.: 6.577 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



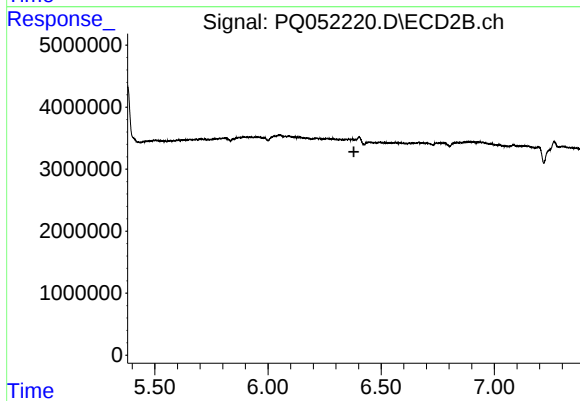
#17 AR-1242-2

R.T.: 5.508 min  
Delta R.T.: -0.019 min  
Response: 1039293  
Conc: 2.83 ng/ml



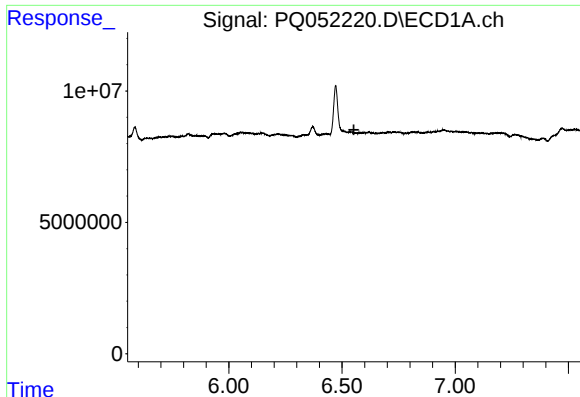
#20 AR-1242-5

R.T.: 7.535 min  
Delta R.T.: 0.000 min  
Response: 17651697  
Conc: 31.29 ng/ml



#20 AR-1242-5

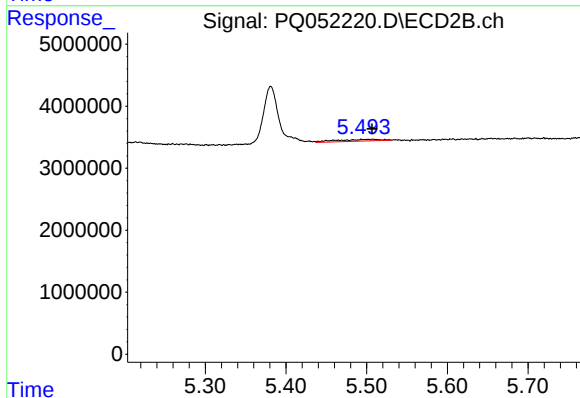
R.T.: 0.000 min  
Exp R.T.: 6.379 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

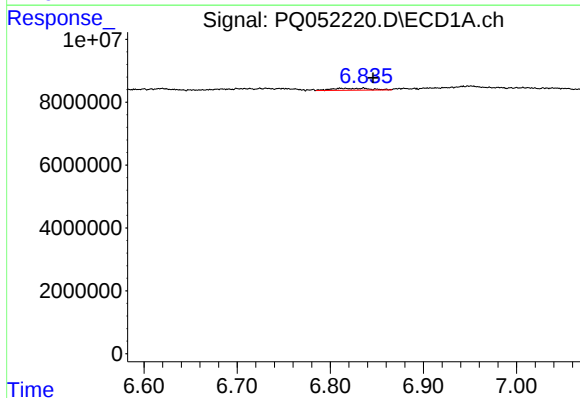
R.T.: 0.000 min  
Exp R.T.: 6.553 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



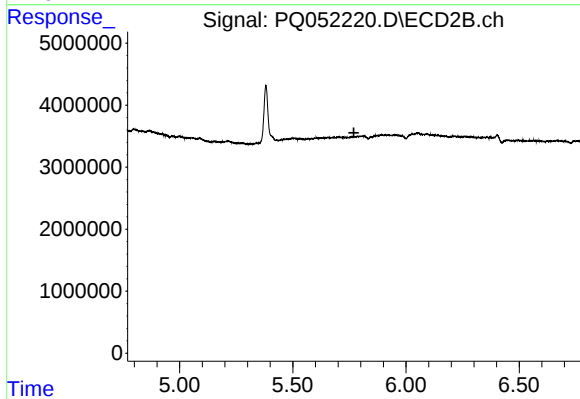
#21 AR-1248-1

R.T.: 5.508 min  
Delta R.T.: 0.001 min  
Response: 1039293  
Conc: 5.05 ng/ml



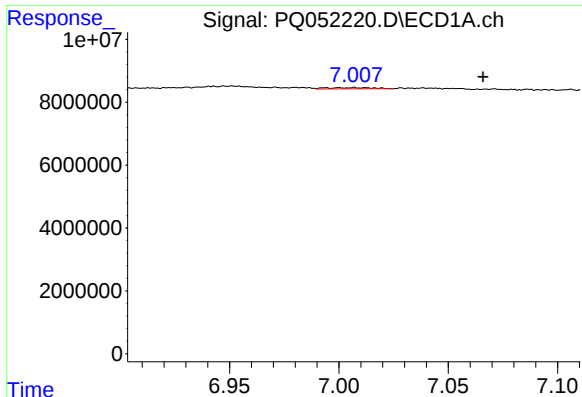
#22 AR-1248-2

R.T.: 6.836 min  
Delta R.T.: -0.010 min  
Response: 1823533  
Conc: 2.37 ng/ml



#22 AR-1248-2

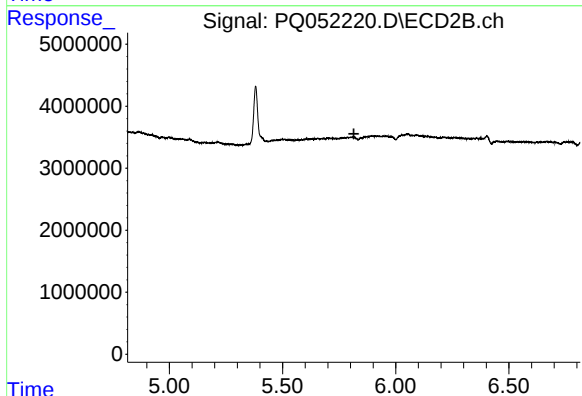
R.T.: 0.000 min  
Exp R.T.: 5.770 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

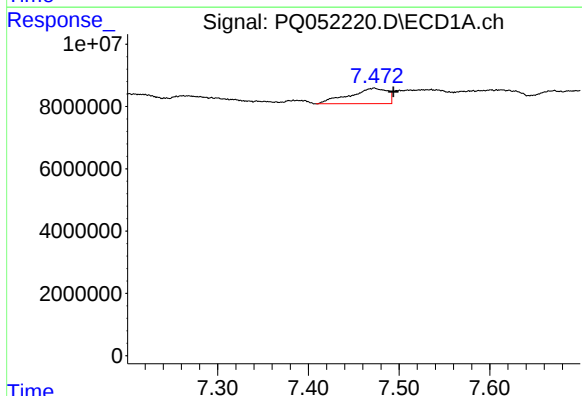
R.T.: 7.007 min  
Delta R.T.: -0.059 min  
Response: 592889  
Conc: 0.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



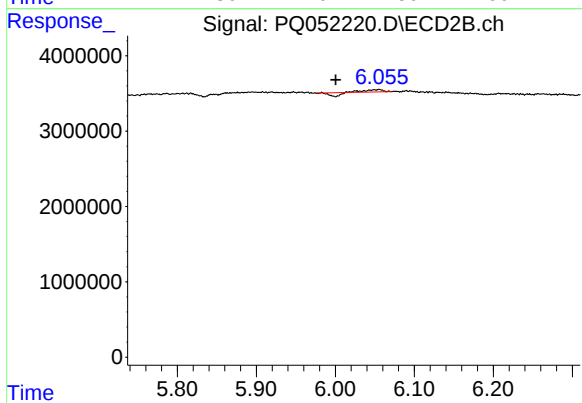
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.815 min  
Response: 0  
Conc: N.D.



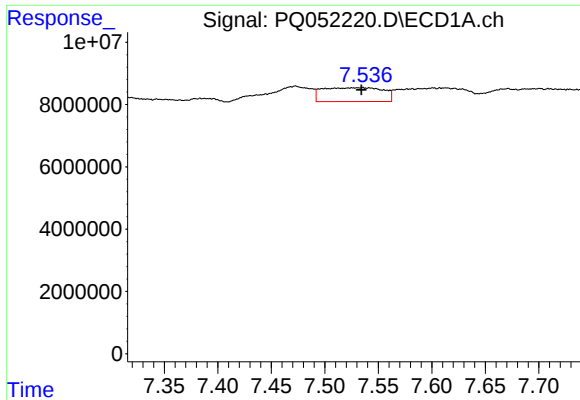
#24 AR-1248-4

R.T.: 7.473 min  
Delta R.T.: -0.021 min  
Response: 14503079  
Conc: 13.95 ng/ml



#24 AR-1248-4

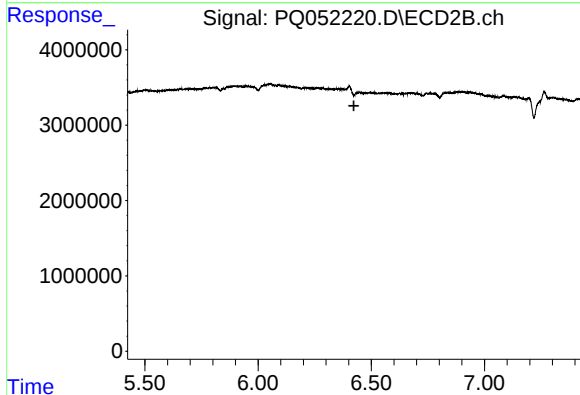
R.T.: 6.056 min  
Delta R.T.: 0.055 min  
Response: 90858  
Conc: 0.27 ng/ml



#25 AR-1248-5

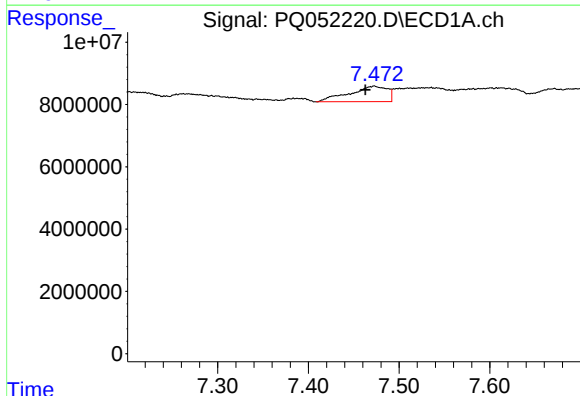
R.T.: 7.535 min  
Delta R.T.: 0.000 min  
Response: 17651697  
Conc: 17.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



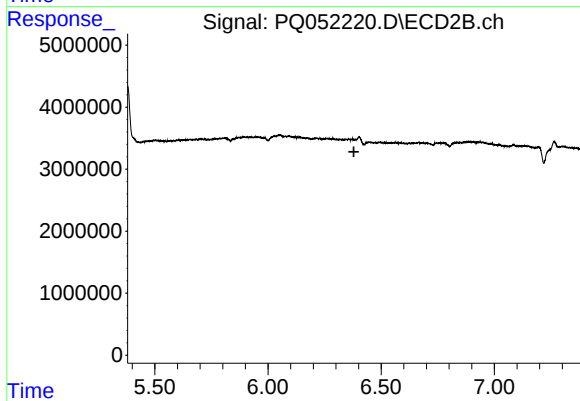
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.423 min  
Response: 0  
Conc: N.D.



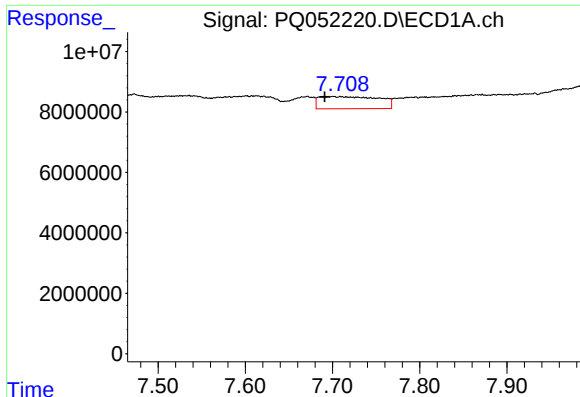
#26 AR-1254-1

R.T.: 7.473 min  
Delta R.T.: 0.010 min  
Response: 14503079  
Conc: 14.60 ng/ml



#26 AR-1254-1

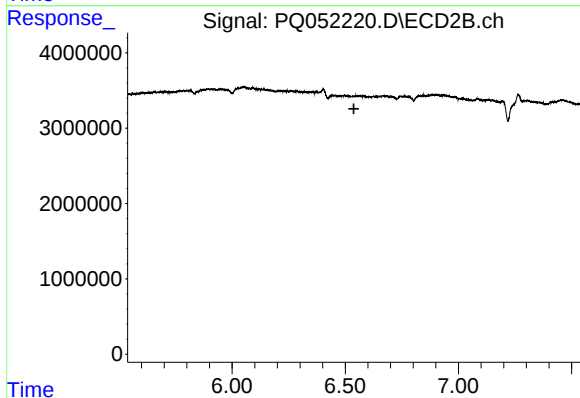
R.T.: 0.000 min  
Exp R.T. : 6.379 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

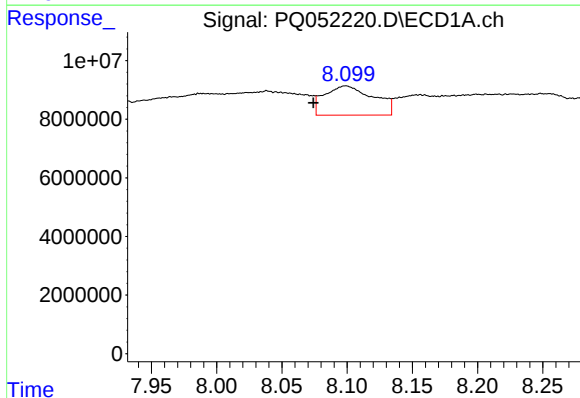
R.T.: 7.701 min  
Delta R.T.: 0.010 min  
Response: 19242157  
Conc: 12.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



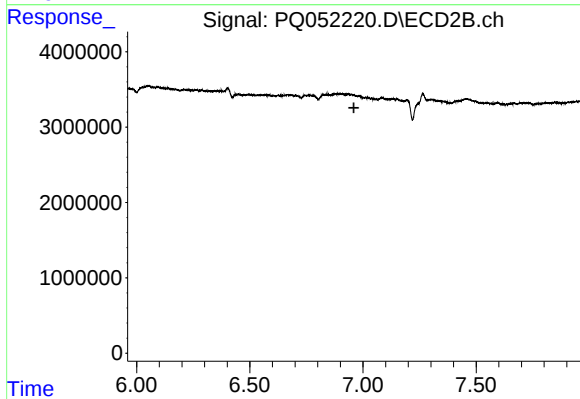
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.538 min  
Response: 0  
Conc: N.D.



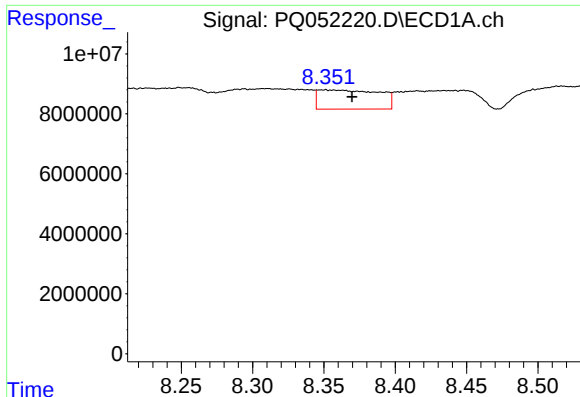
#28 AR-1254-3

R.T.: 8.099 min  
Delta R.T.: 0.025 min  
Response: 26221787  
Conc: 15.51 ng/ml



#28 AR-1254-3

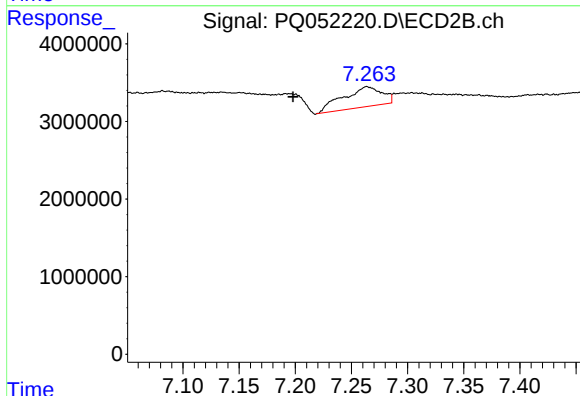
R.T.: 0.000 min  
Exp R.T. : 6.960 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

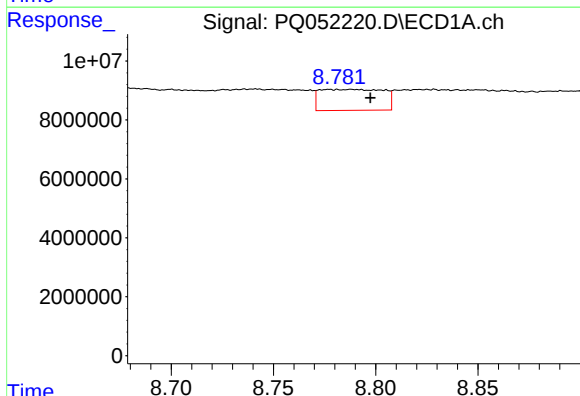
R.T.: 8.350 min  
Delta R.T.: -0.020 min  
Response: 18990194  
Conc: 15.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



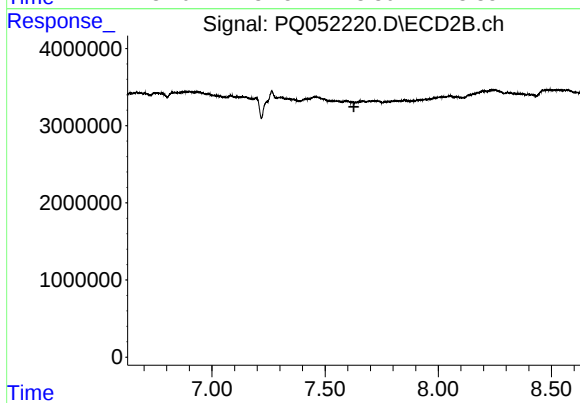
#29 AR-1254-4

R.T.: 7.264 min  
Delta R.T.: 0.066 min  
Response: 6279843  
Conc: 12.45 ng/ml



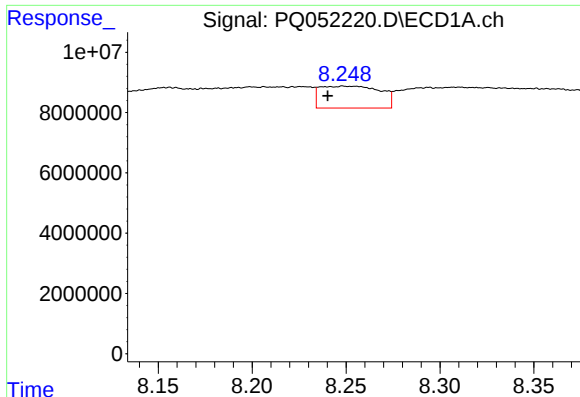
#30 AR-1254-5

R.T.: 8.777 min  
Delta R.T.: -0.020 min  
Response: 15389083  
Conc: 11.45 ng/ml



#30 AR-1254-5

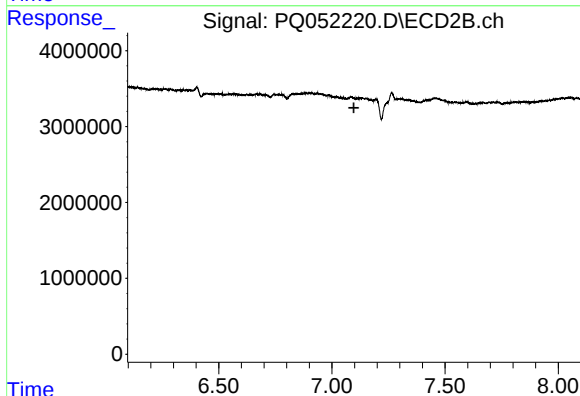
R.T.: 0.000 min  
Exp R.T.: 7.627 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

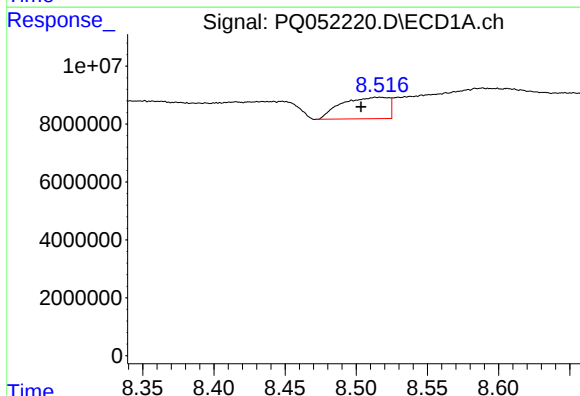
R.T.: 8.249 min  
Delta R.T.: 0.008 min  
Response: 16241494  
Conc: 16.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



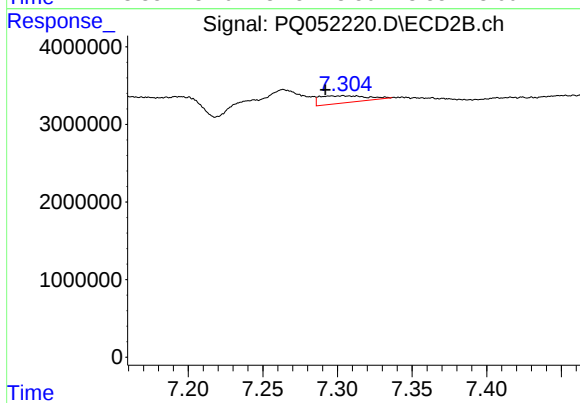
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.097 min  
Response: 0  
Conc: N.D.



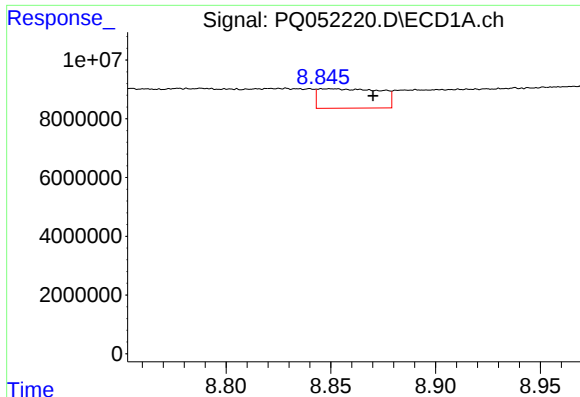
#32 AR-1260-2

R.T.: 8.517 min  
Delta R.T.: 0.014 min  
Response: 17014419  
Conc: 13.85 ng/ml



#32 AR-1260-2

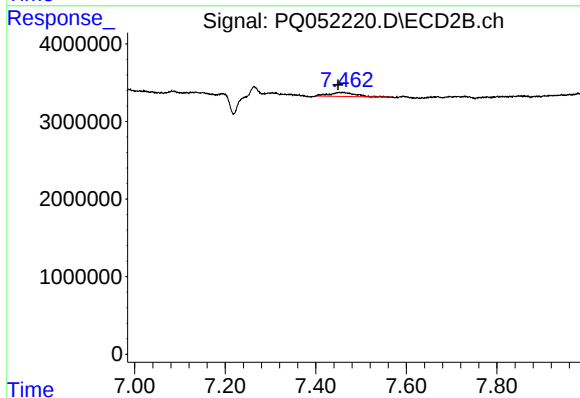
R.T.: 7.304 min  
Delta R.T.: 0.012 min  
Response: 2026487  
Conc: 3.82 ng/ml



#33 AR-1260-3

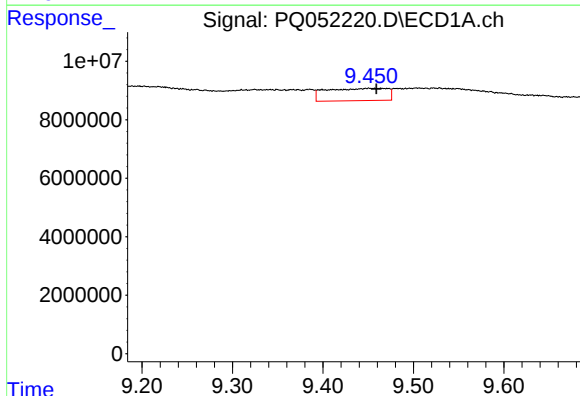
R.T.: 8.850 min  
Delta R.T.: -0.020 min  
Response: 13602613  
Conc: 14.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



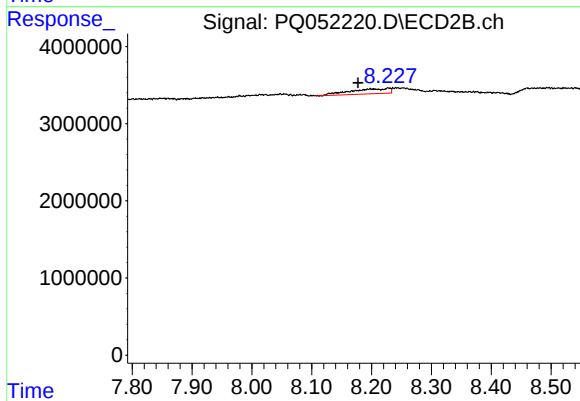
#33 AR-1260-3

R.T.: 7.462 min  
Delta R.T.: 0.013 min  
Response: 2090034  
Conc: 4.37 ng/ml



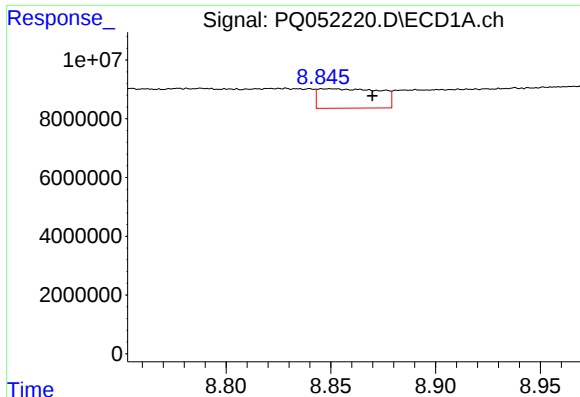
#35 AR-1260-5

R.T.: 9.451 min  
Delta R.T.: -0.008 min  
Response: 19705234  
Conc: 8.68 ng/ml



#35 AR-1260-5

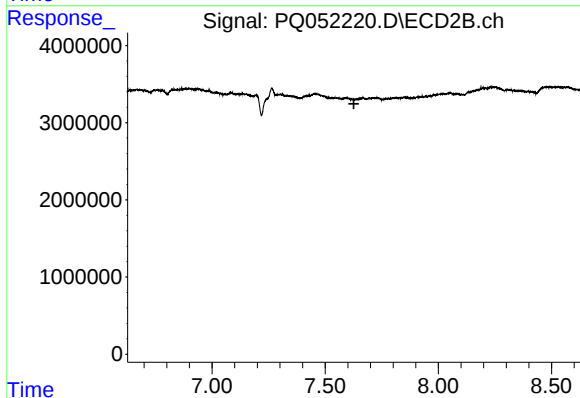
R.T.: 8.228 min  
Delta R.T.: 0.050 min  
Response: 3030221  
Conc: 2.81 ng/ml



#36 AR-1262-1

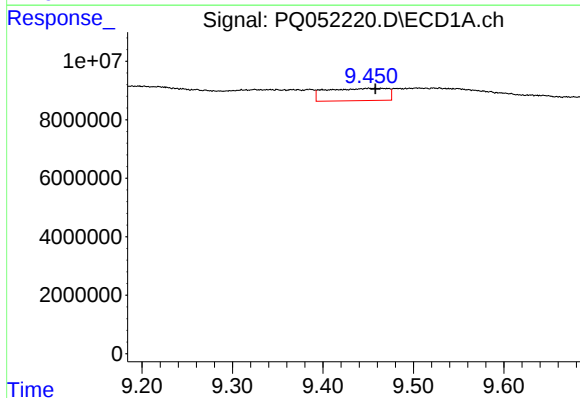
R.T.: 8.850 min  
Delta R.T.: -0.020 min  
Response: 13602613  
Conc: 8.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



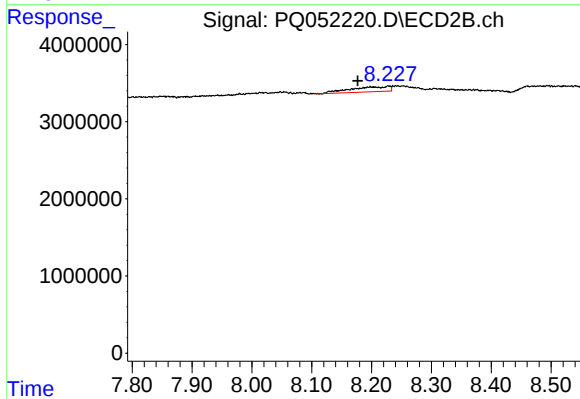
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.627 min  
Response: 0  
Conc: N.D.



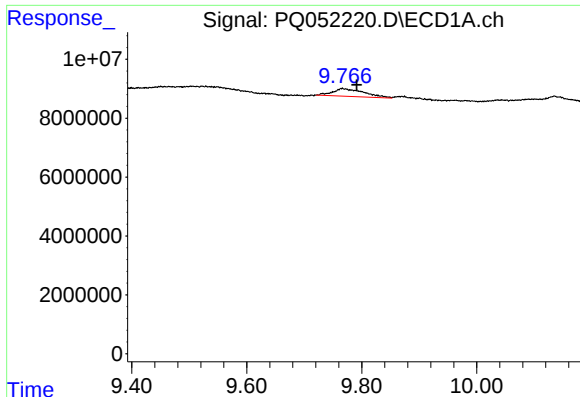
#37 AR-1262-2

R.T.: 9.451 min  
Delta R.T.: -0.007 min  
Response: 19705234  
Conc: 6.58 ng/ml



#37 AR-1262-2

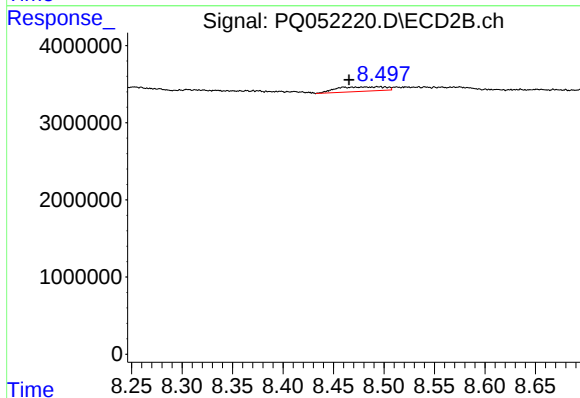
R.T.: 8.228 min  
Delta R.T.: 0.051 min  
Response: 3030221  
Conc: 2.26 ng/ml



#38 AR-1262-3

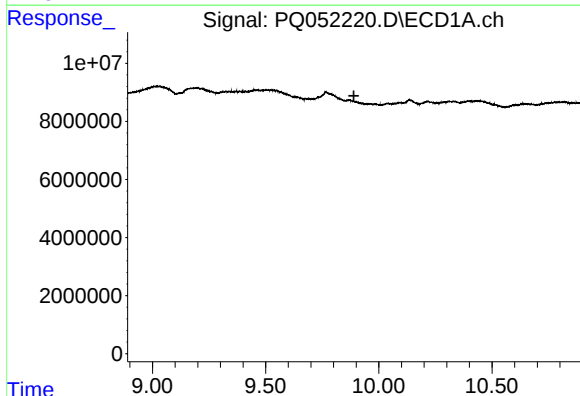
R.T.: 9.767 min  
Delta R.T.: -0.024 min  
Response: 9905580  
Conc: 4.98 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



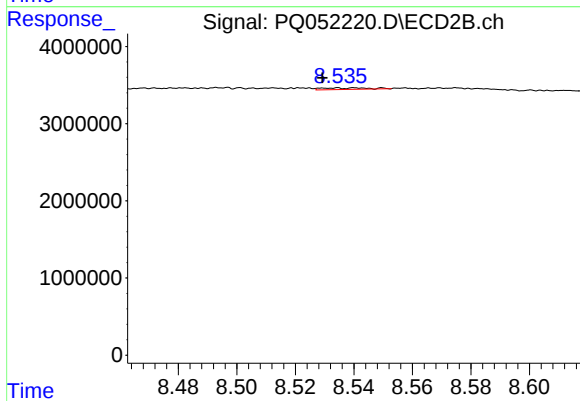
#38 AR-1262-3

R.T.: 8.501 min  
Delta R.T.: 0.036 min  
Response: 1964201  
Conc: 3.76 ng/ml



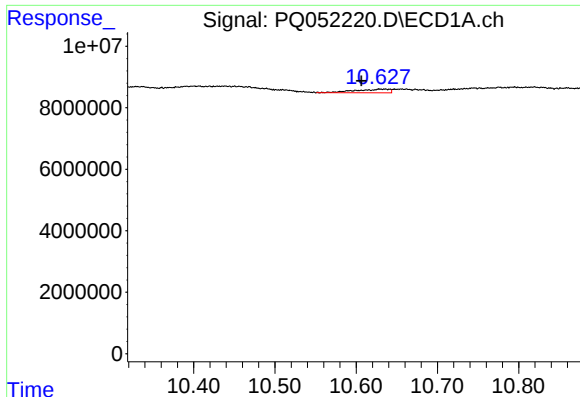
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.890 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

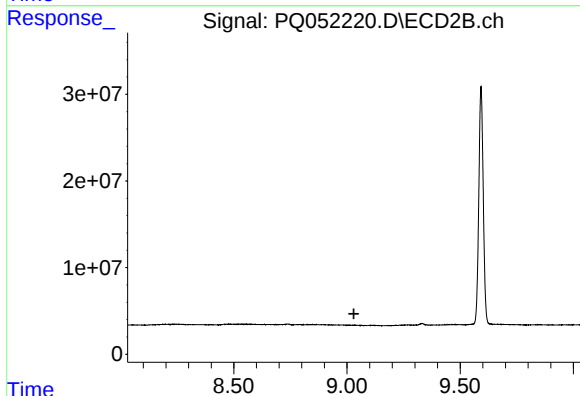
R.T.: 8.534 min  
Delta R.T.: 0.005 min  
Response: 224028  
Conc: 0.23 ng/ml



#40 AR-1262-5

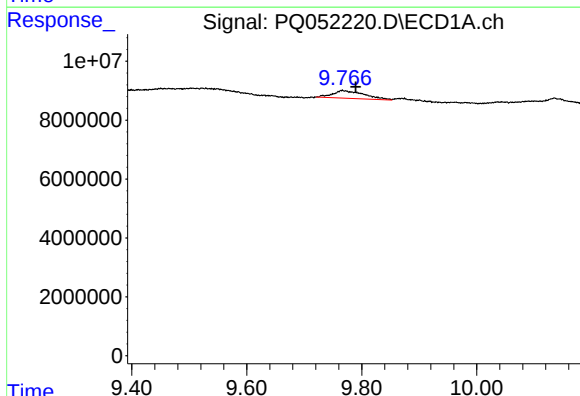
R.T.: 10.632 min  
Delta R.T.: 0.025 min  
Response: 3489610  
Conc: 3.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



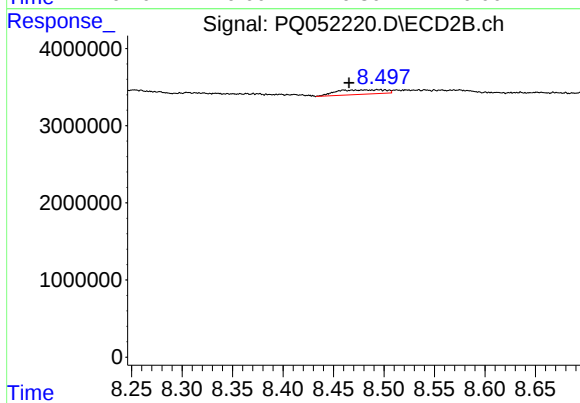
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 9.031 min  
Response: 0  
Conc: N.D.



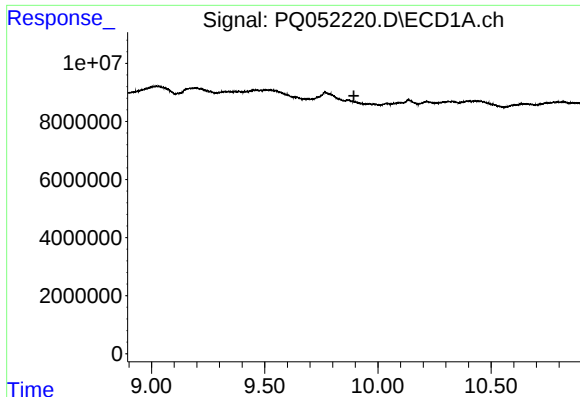
#41 AR-1268-1

R.T.: 9.767 min  
Delta R.T.: -0.023 min  
Response: 9905580  
Conc: 2.82 ng/ml



#41 AR-1268-1

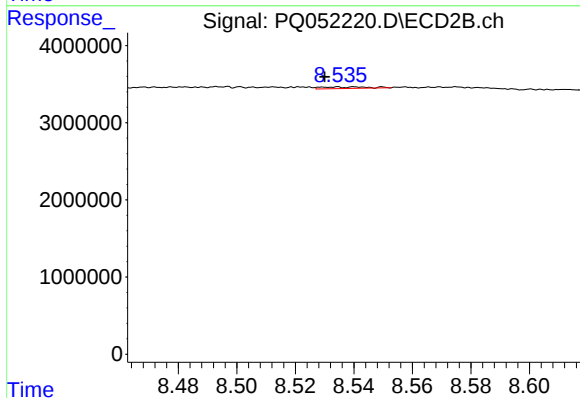
R.T.: 8.501 min  
Delta R.T.: 0.036 min  
Response: 1964201  
Conc: 1.22 ng/ml



#42 AR-1268-2

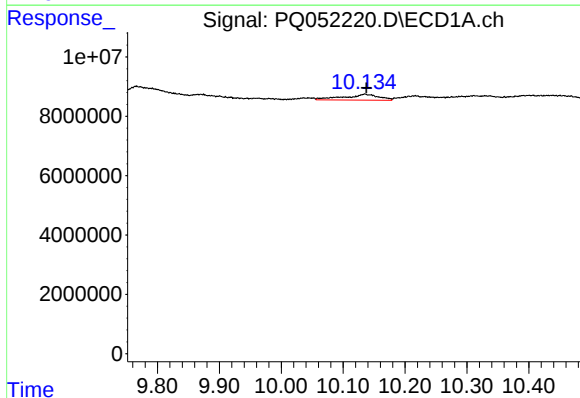
R.T.: 0.000 min  
Exp R.T.: 9.894 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



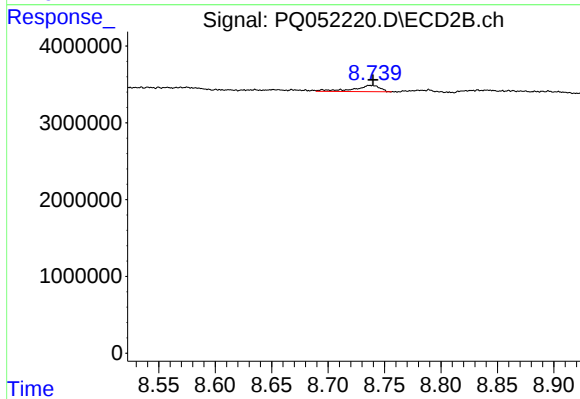
#42 AR-1268-2

R.T.: 8.534 min  
Delta R.T.: 0.004 min  
Response: 224028  
Conc: 0.15 ng/ml



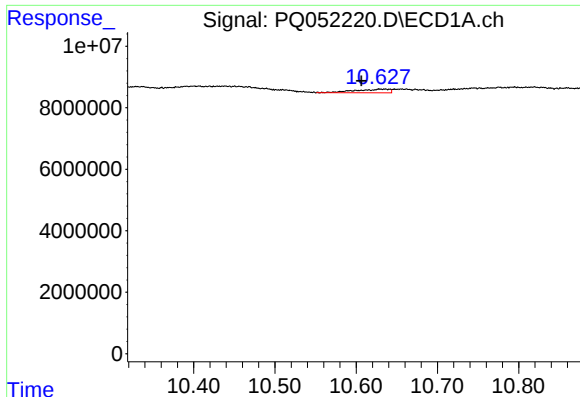
#43 AR-1268-3

R.T.: 10.135 min  
Delta R.T.: -0.003 min  
Response: 7783534  
Conc: 2.80 ng/ml



#43 AR-1268-3

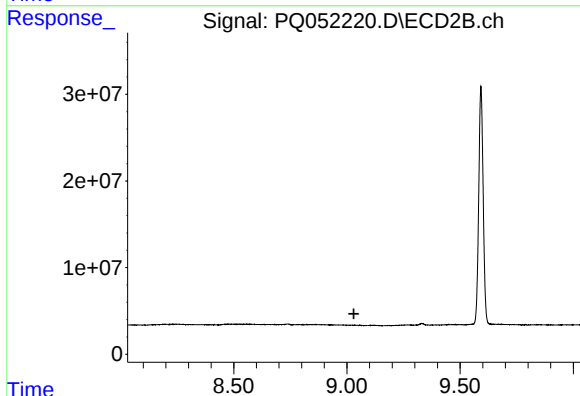
R.T.: 8.737 min  
Delta R.T.: -0.002 min  
Response: 1332995  
Conc: 1.06 ng/ml



#44 AR-1268-4

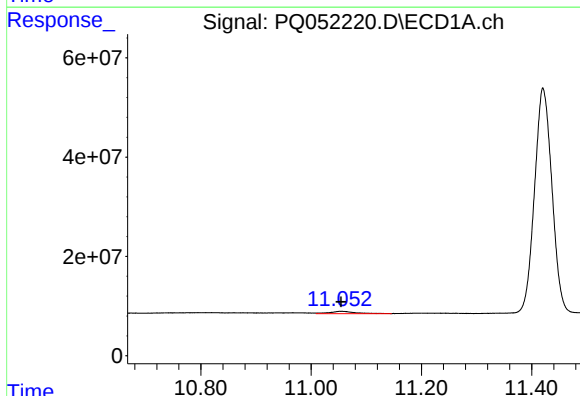
R.T.: 10.632 min  
Delta R.T.: 0.025 min  
Response: 3489610  
Conc: 2.86 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



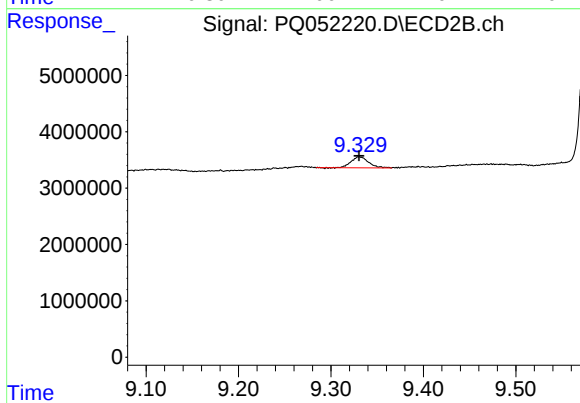
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 9.031 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 11.055 min  
Delta R.T.: 0.000 min  
Response: 14302549  
Conc: 1.46 ng/ml



#45 AR-1268-5

R.T.: 9.331 min  
Delta R.T.: 0.000 min  
Response: 2548385  
Conc: 0.63 ng/ml