

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ062022\  
 Data File : PQ058215.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2022 21:11  
 Operator : YP\AJ  
 Sample : N3400-06  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 21 02:50:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ060822CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jun 09 05:05:02 2022  
 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... | 4.688  | 4.051  | 201.6E6  | 194.5E6  | 13.604 | 12.625    |
| 2)                          | SA Decachlor... | 10.602 | 9.189  | 206.4E6  | 180.2E6  | 14.769 | 16.078    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 5.864  | 5.186  | 1525540  | 16283248 | 3.859  | 32.895 #  |
| 4)                          | L1 AR-1016-2    | 5.901  | 5.186  | 16706401 | 16283248 | 24.895 | 23.022    |
| 5)                          | L1 AR-1016-3    | 5.995  | 5.379  | 7447023  | 16584976 | 18.029 | 45.017 #  |
| 6)                          | L1 AR-1016-4    | 6.066  | 5.389  | 2795368  | 18343798 | 7.932  | 62.276 #  |
| 7)                          | L1 AR-1016-5    | 6.357  | 5.608  | 8091859  | 1452359  | 26.399 | 3.807 #   |
| 8)                          | L2 AR-1221-1    | 4.894  | 4.287  | 78743    | 681790   | 0.507  | 4.200 #   |
| 9)                          | L2 AR-1221-2    | 5.000  | 4.359  | 2746520  | 33597748 | 24.058 | 296.425 # |
| 10)                         | L2 AR-1221-3    | 5.075  | 4.426  | 233116   | 20622187 | 0.628  | 53.865 #  |
| 11)                         | L3 AR-1232-1    | 5.075  | 4.426  | 233116   | 20622187 | 0.845  | 69.913 #  |
| 12)                         | L3 AR-1232-2    | 5.602  | 5.186  | 11150848 | 16283248 | 81.205 | 57.014 #  |
| 13)                         | L3 AR-1232-3    | 5.901  | 5.379  | 16706401 | 16584976 | 61.064 | 113.040 # |
| 14)                         | L3 AR-1232-4    | 6.066  | 5.436  | 2795368  | 9876583  | 19.930 | 75.146 #  |
| 15)                         | L3 AR-1232-5    | 6.164  | 5.608  | 246141   | 1452359  | 2.934  | 9.850 #   |
| 16)                         | L4 AR-1242-1    | 5.864  | 5.186  | 1525540  | 16283248 | 4.779  | 40.266 #  |
| 17)                         | L4 AR-1242-2    | 5.901  | 5.186  | 16706401 | 16283248 | 30.488 | 28.203    |
| 18)                         | L4 AR-1242-3    | 5.995  | 5.379  | 7447023  | 16584976 | 22.140 | 54.889 #  |
| 19)                         | L4 AR-1242-4    | 6.066  | 5.436  | 2795368  | 9876583  | 9.690  | 33.710 #  |
| 20)                         | L4 AR-1242-5    | 6.862f | 5.963  | 5772318  | 1510373  | 20.708 | 4.037 #   |
| 21)                         | L5 AR-1248-1    | 5.864  | 5.186  | 1525540  | 16283248 | 6.200  | 52.238 #  |
| 22)                         | L5 AR-1248-2    | 6.164  | 5.389  | 246141   | 18343798 | 0.761  | 43.610 #  |
| 23)                         | L5 AR-1248-3    | 6.357  | 5.436  | 8091859  | 9876583  | 19.376 | 22.439    |
| 24)                         | L5 AR-1248-4    | 6.714f | 5.608  | 258888   | 1452359  | 0.565  | 2.754 #   |
| 25)                         | L5 AR-1248-5    | 6.862f | 6.001  | 5772318  | 1932311  | 12.140 | 3.678 #   |
| 26)                         | L6 AR-1254-1    | 6.714  | 5.963  | 258888   | 1510373  | 0.602  | 1.886 #   |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.144  | 0        | 644050   | N.D.   | 0.929 #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.520  | 0        | 530798   | N.D.   | 0.464 #   |
| 31)                         | L7 AR-1260-1    | 7.520f | 6.664  | 431492   | 262165   | 0.909  | 0.391 #   |
| 32)                         | L7 AR-1260-2    | 7.705f | 6.829  | 819648   | 1447418  | 1.424  | 1.799 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.040f | 0        | 580065   | N.D.   | 0.767 #   |
| 35)                         | L7 AR-1260-5    | 8.649  | 0.000  | 156920   | 0        | 0.132  | N.D. #    |
| 37)                         | L8 AR-1262-2    | 8.649  | 0.000  | 156920   | 0        | 0.109  | N.D. #    |
| 38)                         | L8 AR-1262-3    | 9.034  | 7.970  | 116347   | 1749684  | 0.158  | 2.584 #   |
| 41)                         | L9 AR-1268-1    | 9.034  | 7.970  | 116347   | 1749684  | 0.065  | 0.876 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.272  | 0        | 937232   | N.D.   | 0.600 #   |
| 45)                         | L9 AR-1268-5    | 10.257 | 8.904  | 422350   | 900309   | 0.076  | 0.201 #   |
| -----                       |                 |        |        |          |          |        |           |

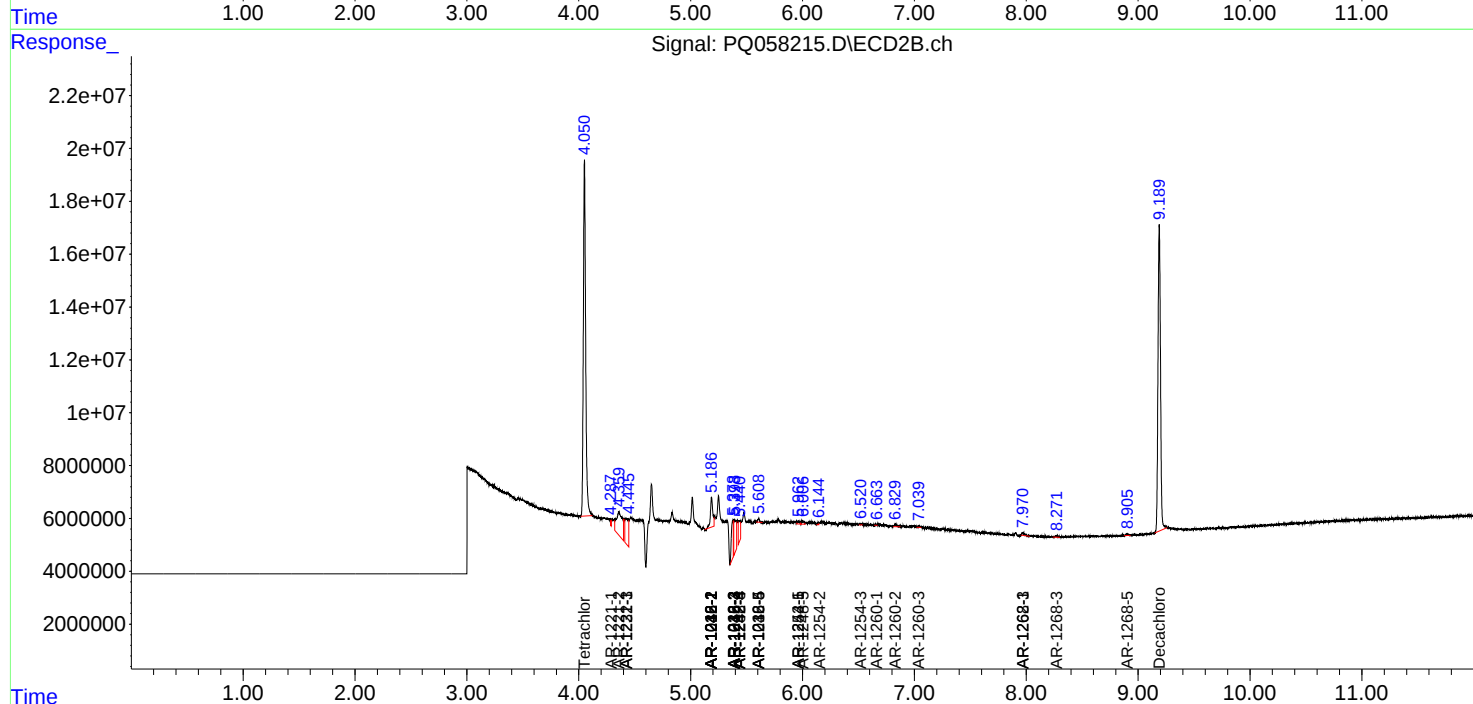
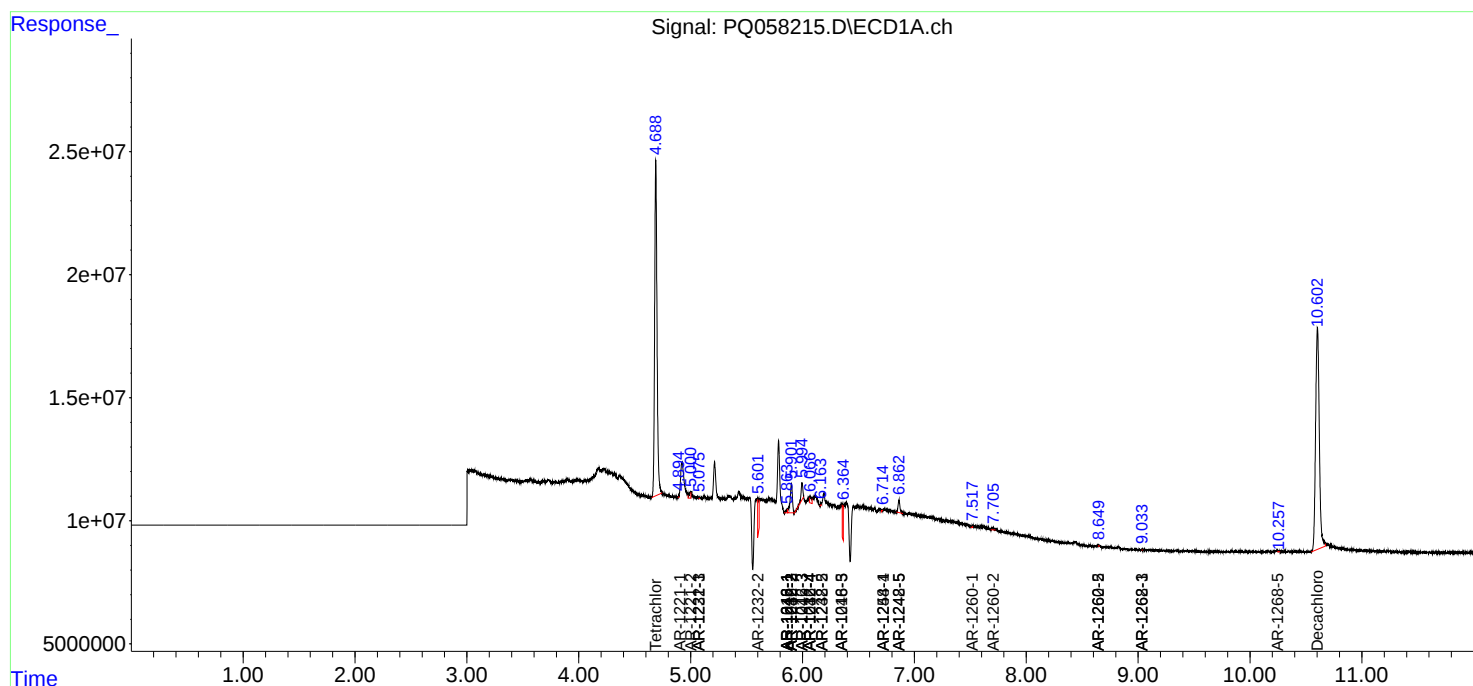
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

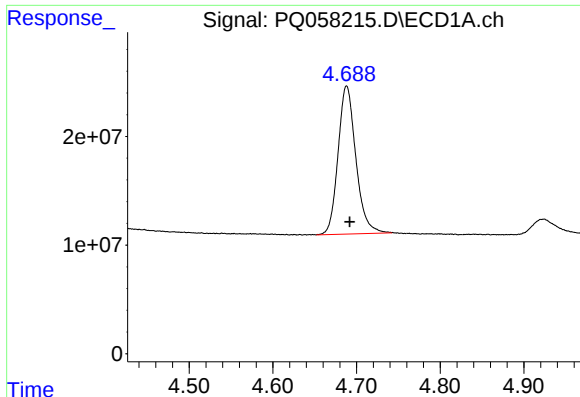
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ062022\  
Data File : PQ058215.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jun 2022 21:11  
Operator : YP\AJ  
Sample : N3400-06  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 21 02:50:17 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ060822CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jun 09 05:05:02 2022  
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

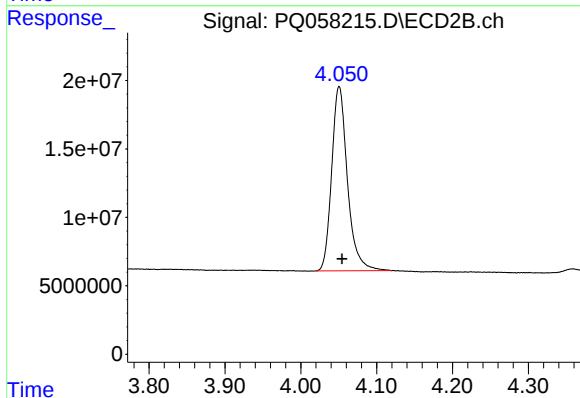




#1 Tetrachloro-m-xylene

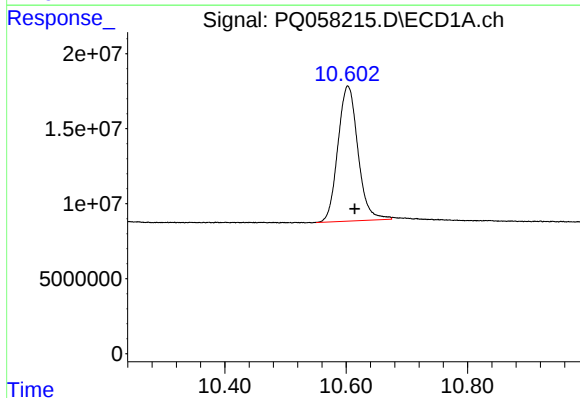
R.T.: 4.688 min  
Delta R.T.: -0.004 min  
Response: 201599588  
Conc: 13.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



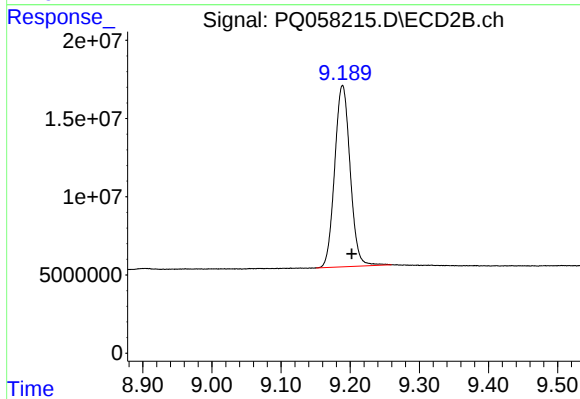
#1 Tetrachloro-m-xylene

R.T.: 4.051 min  
Delta R.T.: -0.004 min  
Response: 194526761  
Conc: 12.63 ng/ml



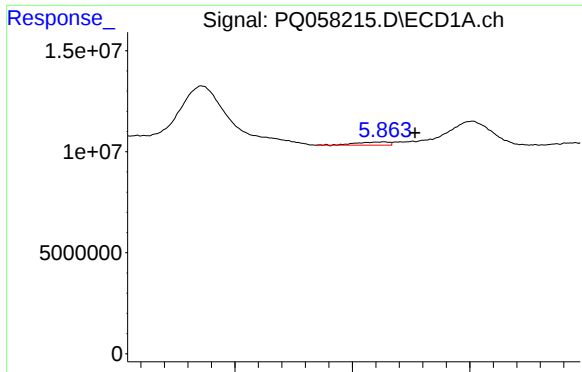
#2 Decachlorobiphenyl

R.T.: 10.602 min  
Delta R.T.: -0.012 min  
Response: 206363280  
Conc: 14.77 ng/ml



#2 Decachlorobiphenyl

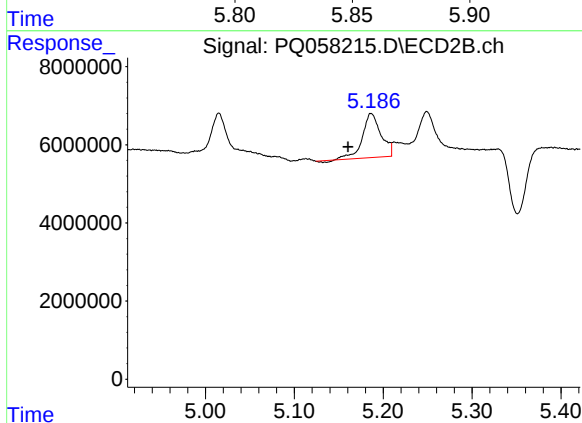
R.T.: 9.189 min  
Delta R.T.: -0.013 min  
Response: 180180919  
Conc: 16.08 ng/ml



#3 AR-1016-1

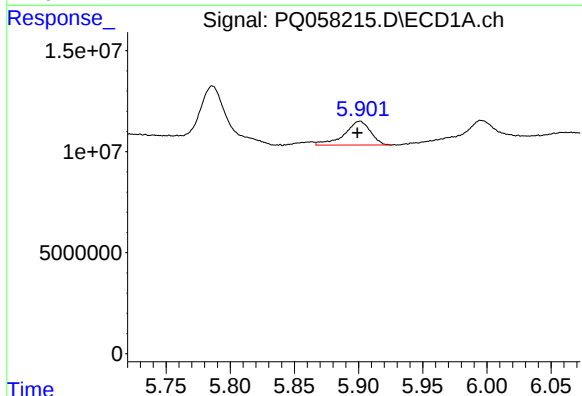
R.T.: 5.864 min  
Delta R.T.: -0.013 min  
Response: 1525540  
Conc: 3.86 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



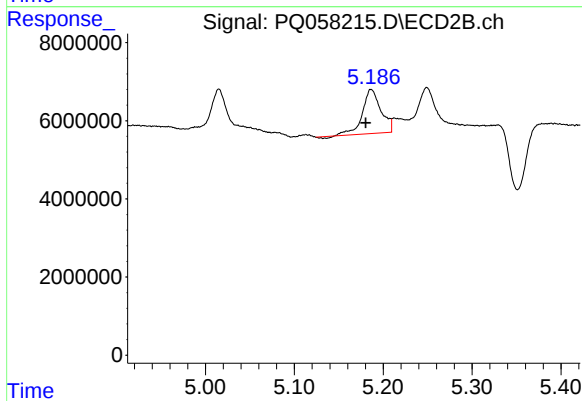
#3 AR-1016-1

R.T.: 5.186 min  
Delta R.T.: 0.026 min  
Response: 16283248  
Conc: 32.89 ng/ml



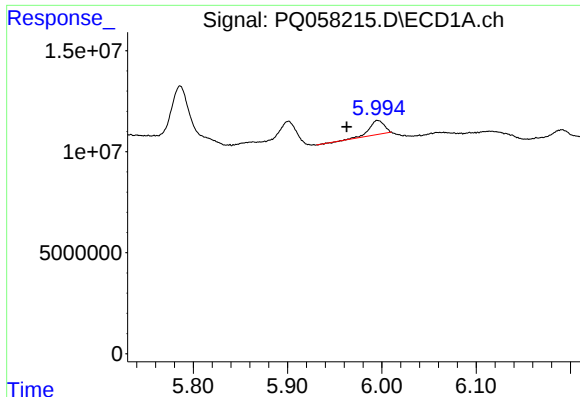
#4 AR-1016-2

R.T.: 5.901 min  
Delta R.T.: 0.002 min  
Response: 16706401  
Conc: 24.89 ng/ml



#4 AR-1016-2

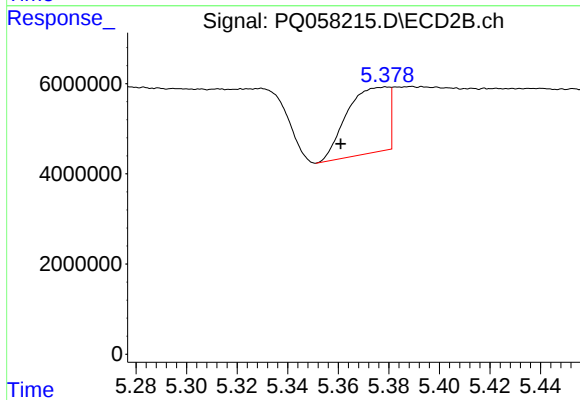
R.T.: 5.186 min  
Delta R.T.: 0.006 min  
Response: 16283248  
Conc: 23.02 ng/ml



#5 AR-1016-3

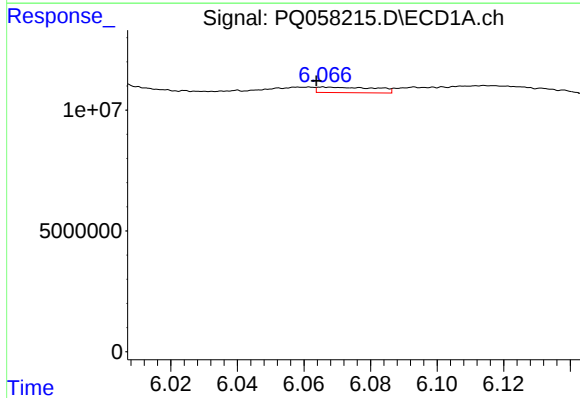
R.T.: 5.995 min  
Delta R.T.: 0.033 min  
Response: 7447023  
Conc: 18.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



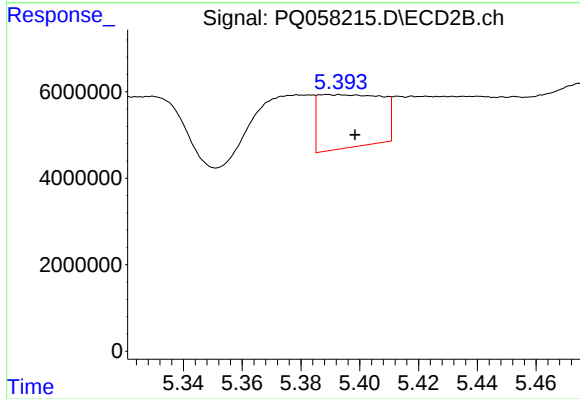
#5 AR-1016-3

R.T.: 5.379 min  
Delta R.T.: 0.018 min  
Response: 16584976  
Conc: 45.02 ng/ml



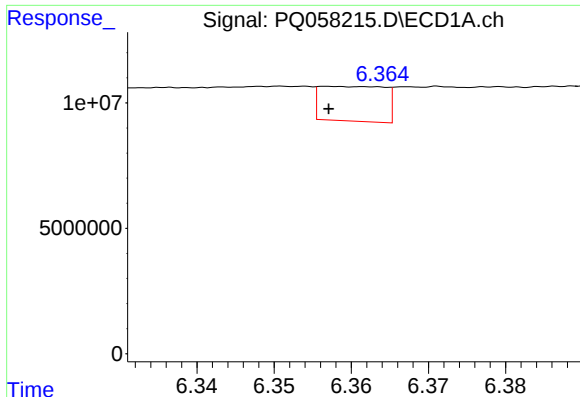
#6 AR-1016-4

R.T.: 6.066 min  
Delta R.T.: 0.002 min  
Response: 2795368  
Conc: 7.93 ng/ml



#6 AR-1016-4

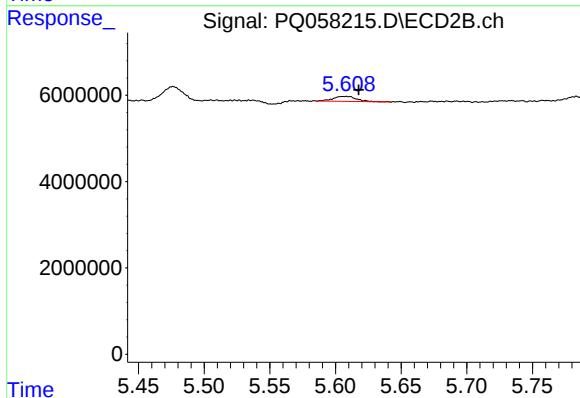
R.T.: 5.389 min  
Delta R.T.: -0.009 min  
Response: 18343798  
Conc: 62.28 ng/ml



#7 AR-1016-5

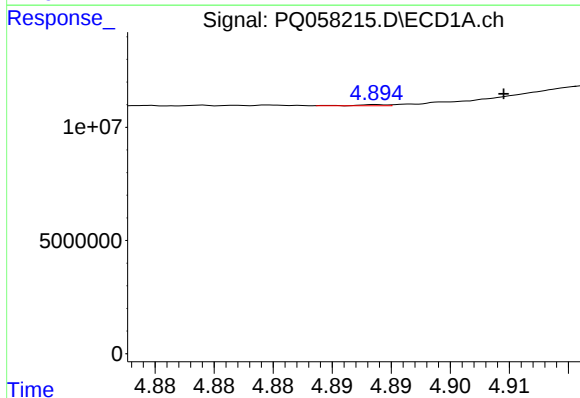
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 8091859  
Conc: 26.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



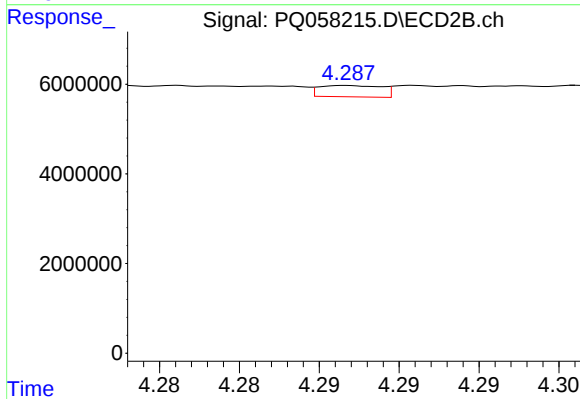
#7 AR-1016-5

R.T.: 5.608 min  
Delta R.T.: -0.009 min  
Response: 1452359  
Conc: 3.81 ng/ml



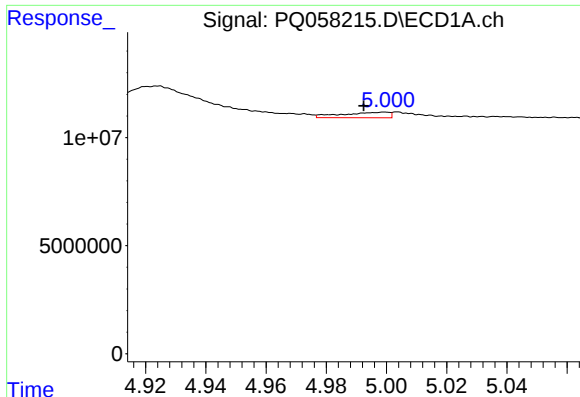
#8 AR-1221-1

R.T.: 4.894 min  
Delta R.T.: -0.011 min  
Response: 78743  
Conc: 0.51 ng/ml



#8 AR-1221-1

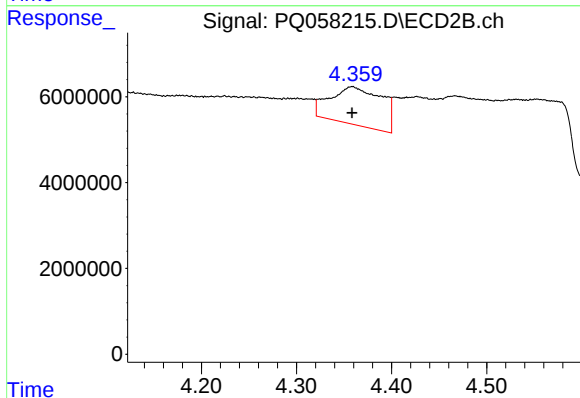
R.T.: 4.287 min  
Delta R.T.: 0.015 min  
Response: 681790  
Conc: 4.20 ng/ml



#9 AR-1221-2

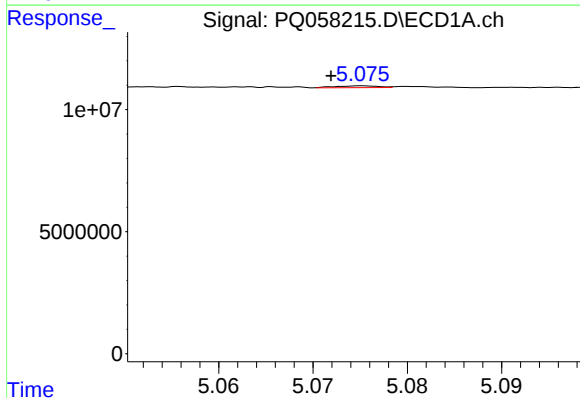
R.T.: 5.000 min  
Delta R.T.: 0.007 min  
Response: 2746520  
Conc: 24.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



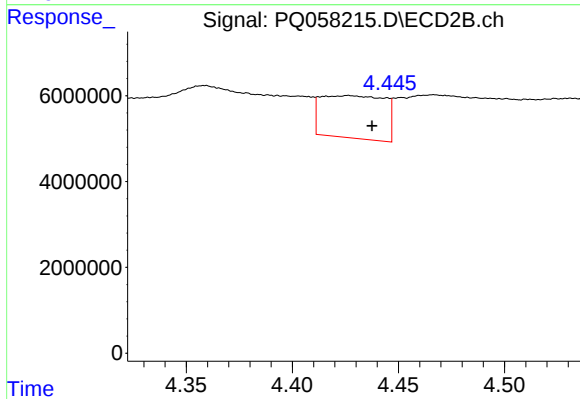
#9 AR-1221-2

R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 33597748  
Conc: 296.43 ng/ml



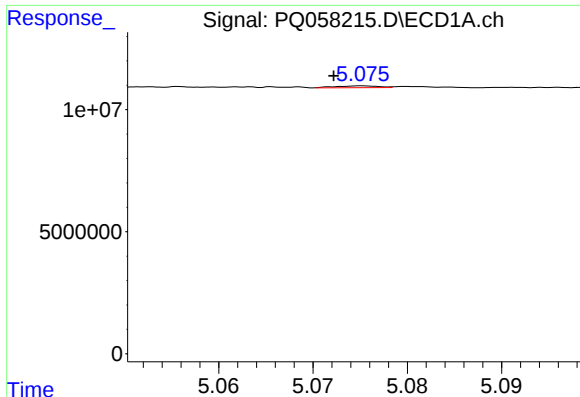
#10 AR-1221-3

R.T.: 5.075 min  
Delta R.T.: 0.003 min  
Response: 233116  
Conc: 0.63 ng/ml



#10 AR-1221-3

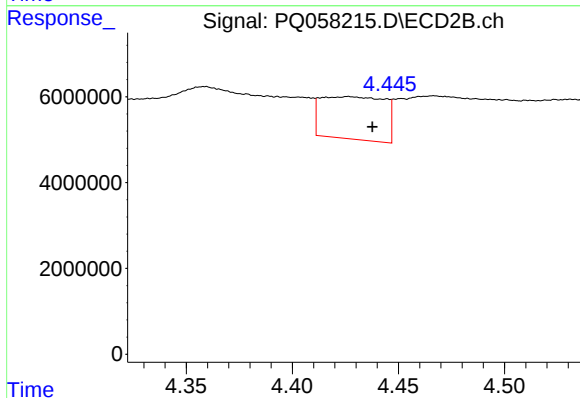
R.T.: 4.426 min  
Delta R.T.: -0.011 min  
Response: 20622187  
Conc: 53.86 ng/ml



#11 AR-1232-1

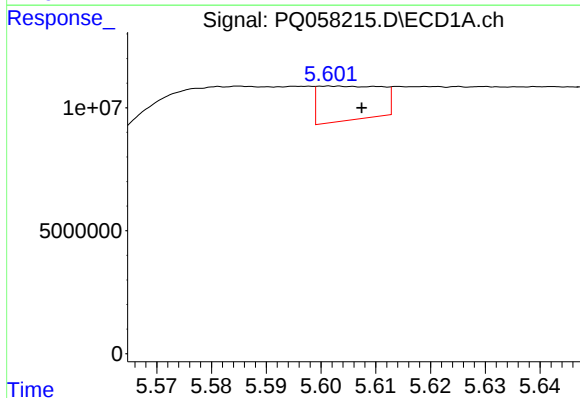
R.T.: 5.075 min  
Delta R.T.: 0.003 min  
Response: 233116  
Conc: 0.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



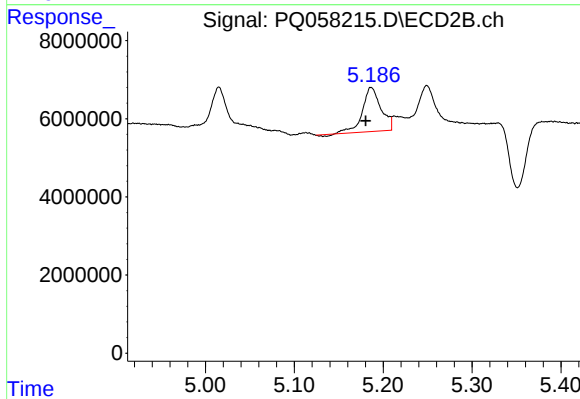
#11 AR-1232-1

R.T.: 4.426 min  
Delta R.T.: -0.011 min  
Response: 20622187  
Conc: 69.91 ng/ml



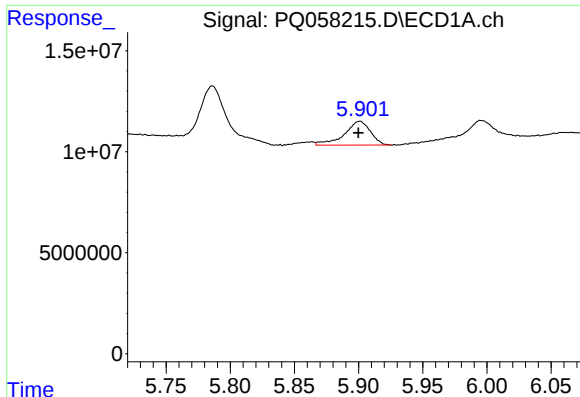
#12 AR-1232-2

R.T.: 5.602 min  
Delta R.T.: -0.006 min  
Response: 11150848  
Conc: 81.21 ng/ml



#12 AR-1232-2

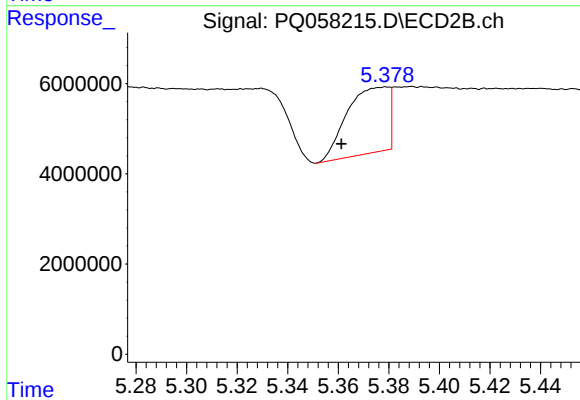
R.T.: 5.186 min  
Delta R.T.: 0.006 min  
Response: 16283248  
Conc: 57.01 ng/ml



#13 AR-1232-3

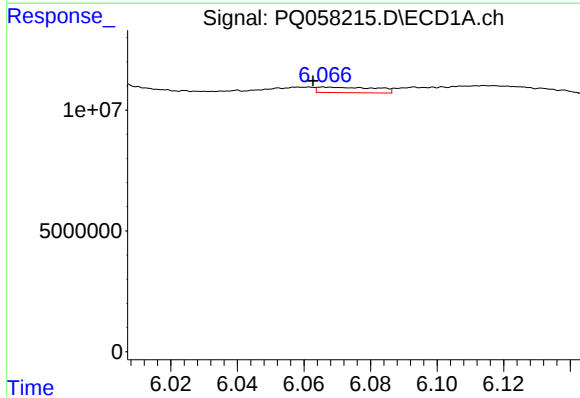
R.T.: 5.901 min  
Delta R.T.: 0.001 min  
Response: 16706401  
Conc: 61.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



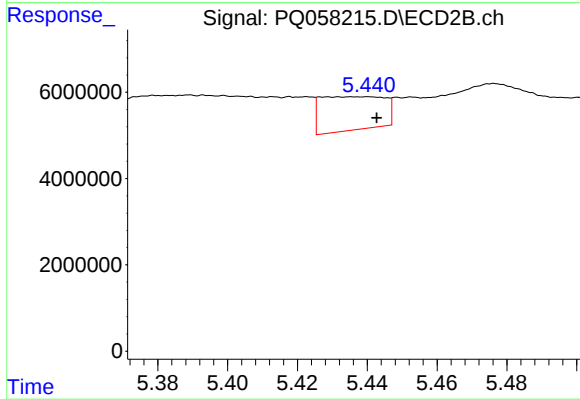
#13 AR-1232-3

R.T.: 5.379 min  
Delta R.T.: 0.018 min  
Response: 16584976  
Conc: 113.04 ng/ml



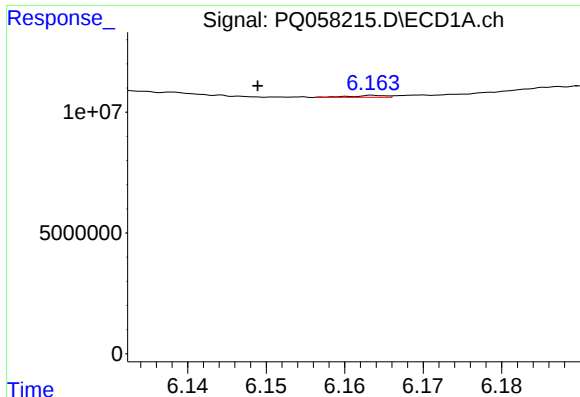
#14 AR-1232-4

R.T.: 6.066 min  
Delta R.T.: 0.003 min  
Response: 2795368  
Conc: 19.93 ng/ml



#14 AR-1232-4

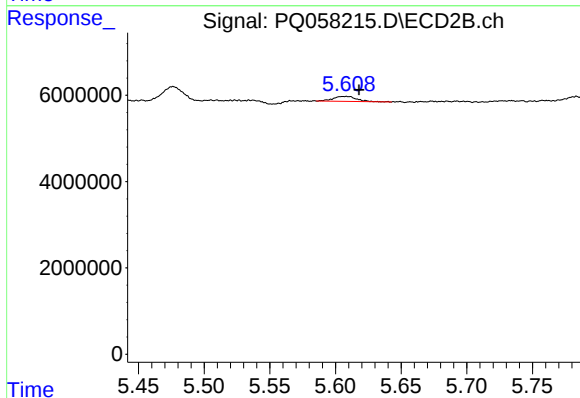
R.T.: 5.436 min  
Delta R.T.: -0.007 min  
Response: 9876583  
Conc: 75.15 ng/ml



#15 AR-1232-5

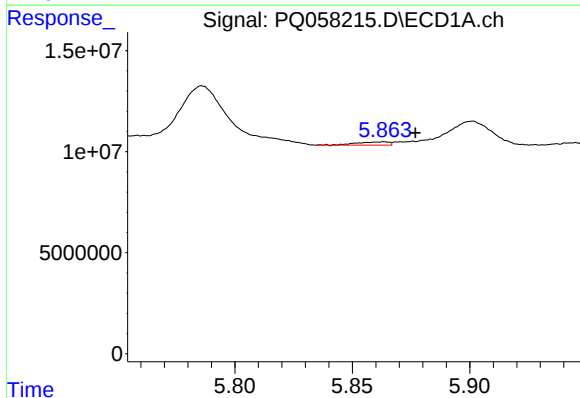
R.T.: 6.164 min  
Delta R.T.: 0.015 min  
Response: 246141  
Conc: 2.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



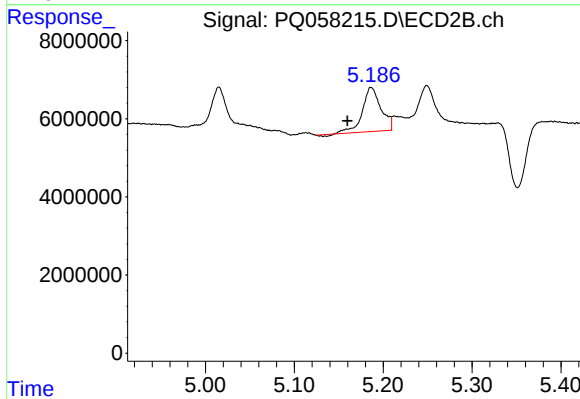
#15 AR-1232-5

R.T.: 5.608 min  
Delta R.T.: -0.010 min  
Response: 1452359  
Conc: 9.85 ng/ml



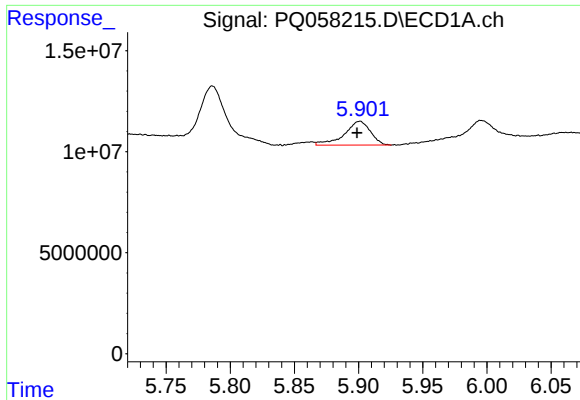
#16 AR-1242-1

R.T.: 5.864 min  
Delta R.T.: -0.013 min  
Response: 1525540  
Conc: 4.78 ng/ml



#16 AR-1242-1

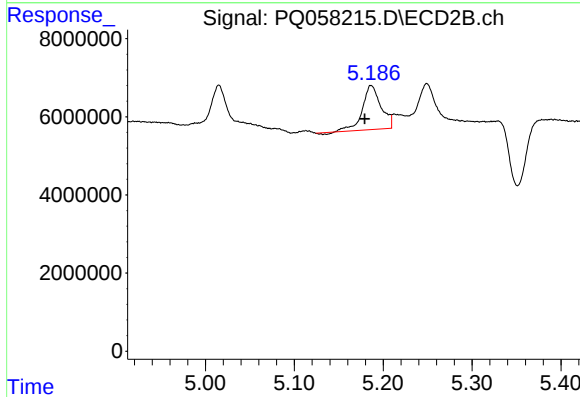
R.T.: 5.186 min  
Delta R.T.: 0.027 min  
Response: 16283248  
Conc: 40.27 ng/ml



#17 AR-1242-2

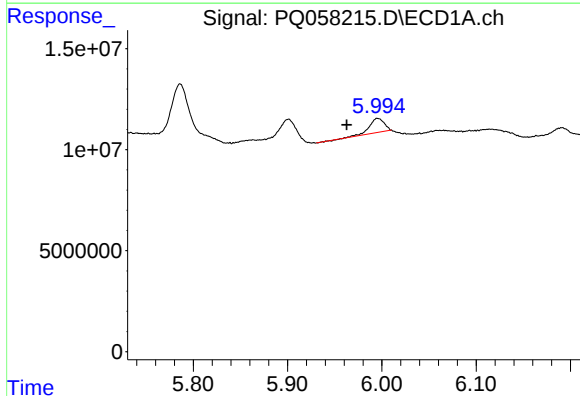
R.T.: 5.901 min  
Delta R.T.: 0.003 min  
Response: 16706401  
Conc: 30.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



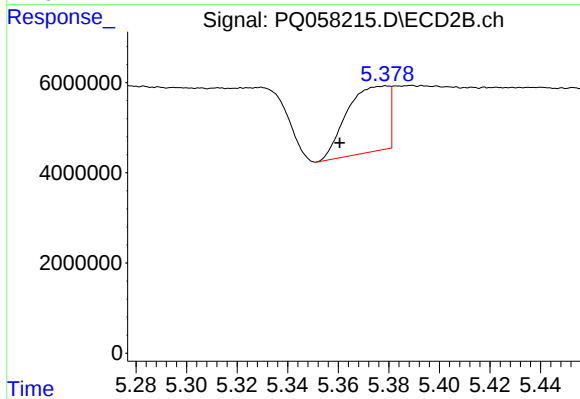
#17 AR-1242-2

R.T.: 5.186 min  
Delta R.T.: 0.007 min  
Response: 16283248  
Conc: 28.20 ng/ml



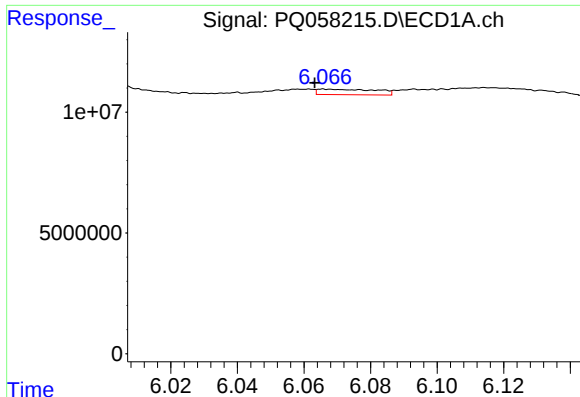
#18 AR-1242-3

R.T.: 5.995 min  
Delta R.T.: 0.032 min  
Response: 7447023  
Conc: 22.14 ng/ml



#18 AR-1242-3

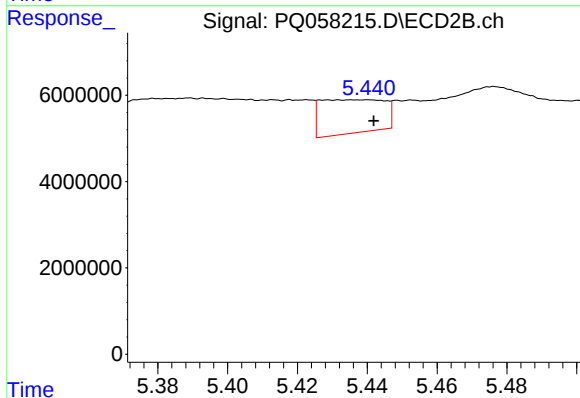
R.T.: 5.379 min  
Delta R.T.: 0.018 min  
Response: 16584976  
Conc: 54.89 ng/ml



#19 AR-1242-4

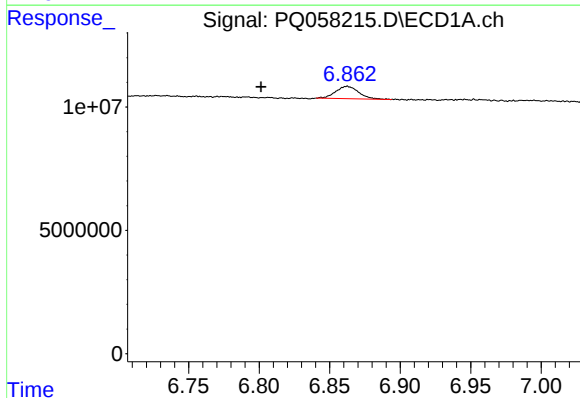
R.T.: 6.066 min  
Delta R.T.: 0.003 min  
Response: 2795368  
Conc: 9.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



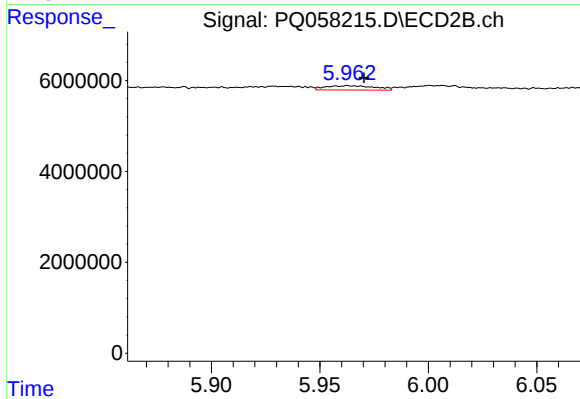
#19 AR-1242-4

R.T.: 5.436 min  
Delta R.T.: -0.006 min  
Response: 9876583  
Conc: 33.71 ng/ml



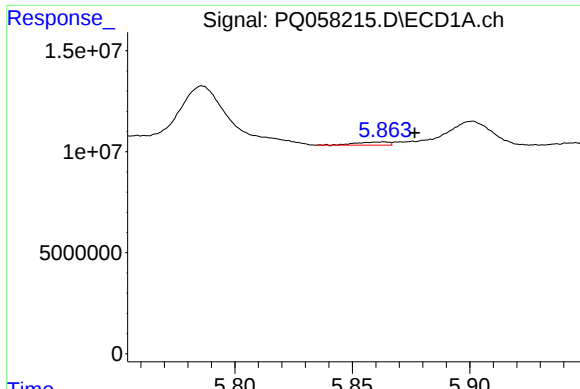
#20 AR-1242-5

R.T.: 6.862 min  
Delta R.T.: 0.061 min  
Response: 5772318  
Conc: 20.71 ng/ml



#20 AR-1242-5

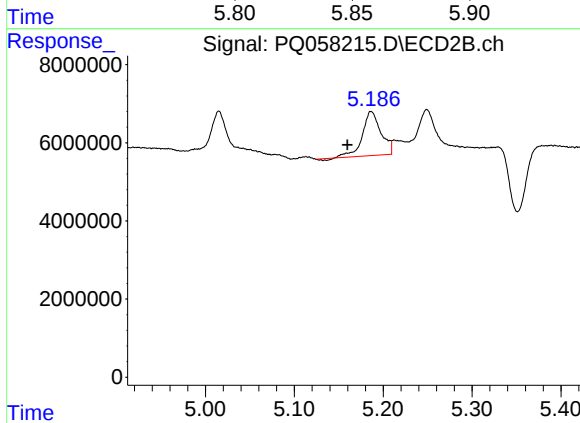
R.T.: 5.963 min  
Delta R.T.: -0.008 min  
Response: 1510373  
Conc: 4.04 ng/ml



#21 AR-1248-1

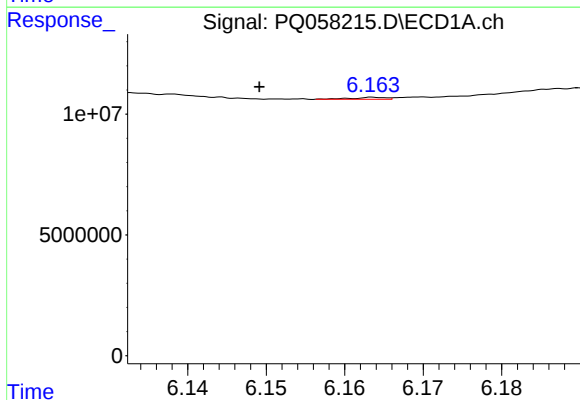
R.T.: 5.864 min  
Delta R.T.: -0.013 min  
Response: 1525540  
Conc: 6.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



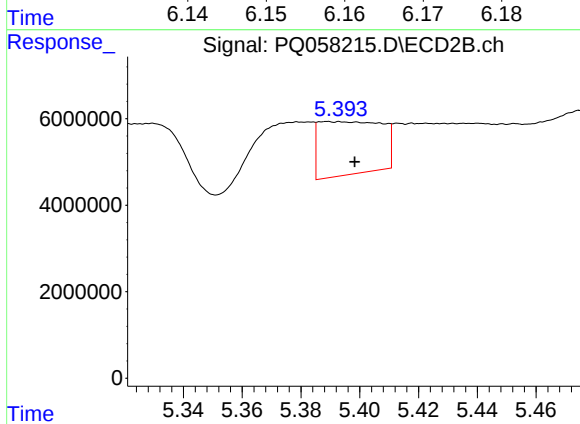
#21 AR-1248-1

R.T.: 5.186 min  
Delta R.T.: 0.026 min  
Response: 16283248  
Conc: 52.24 ng/ml



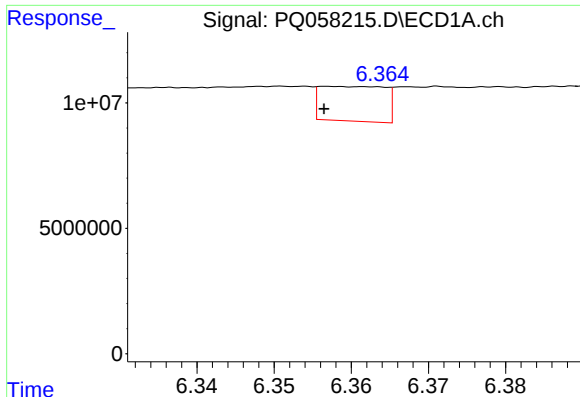
#22 AR-1248-2

R.T.: 6.164 min  
Delta R.T.: 0.015 min  
Response: 246141  
Conc: 0.76 ng/ml



#22 AR-1248-2

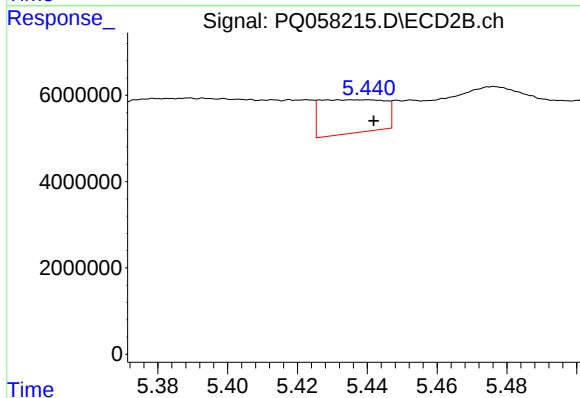
R.T.: 5.389 min  
Delta R.T.: -0.009 min  
Response: 18343798  
Conc: 43.61 ng/ml



#23 AR-1248-3

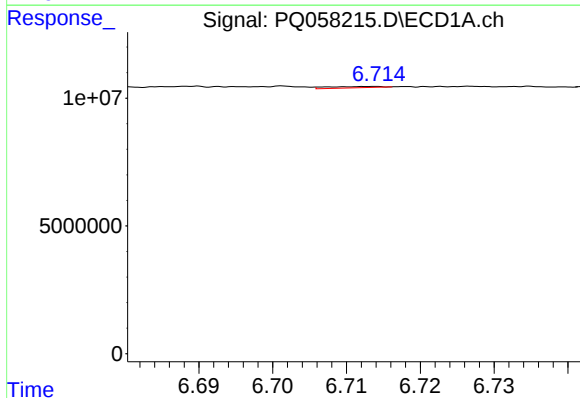
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 8091859  
Conc: 19.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



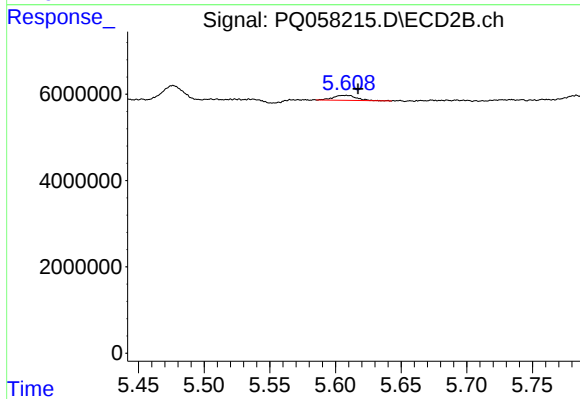
#23 AR-1248-3

R.T.: 5.436 min  
Delta R.T.: -0.006 min  
Response: 9876583  
Conc: 22.44 ng/ml



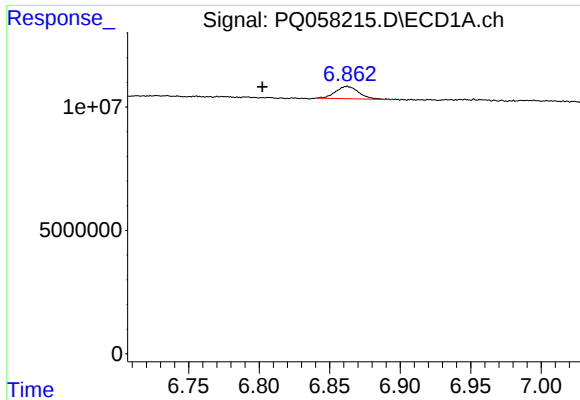
#24 AR-1248-4

R.T.: 6.714 min  
Delta R.T.: -0.050 min  
Response: 258888  
Conc: 0.57 ng/ml



#24 AR-1248-4

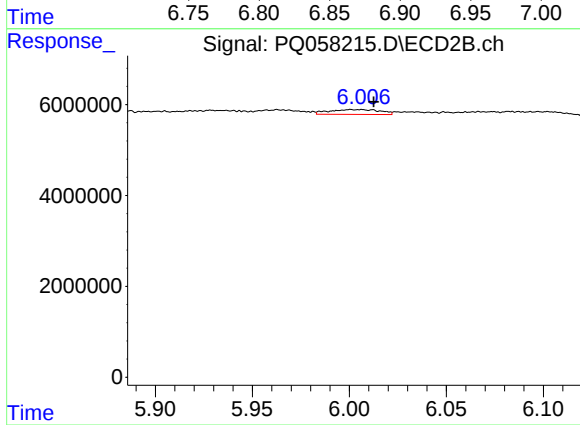
R.T.: 5.608 min  
Delta R.T.: -0.009 min  
Response: 1452359  
Conc: 2.75 ng/ml



#25 AR-1248-5

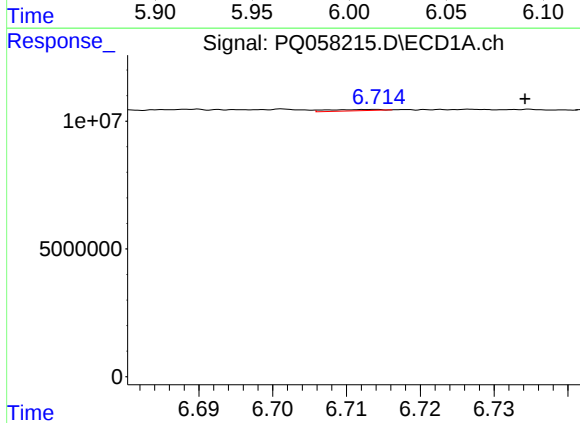
R.T.: 6.862 min  
Delta R.T.: 0.060 min  
Response: 5772318  
Conc: 12.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



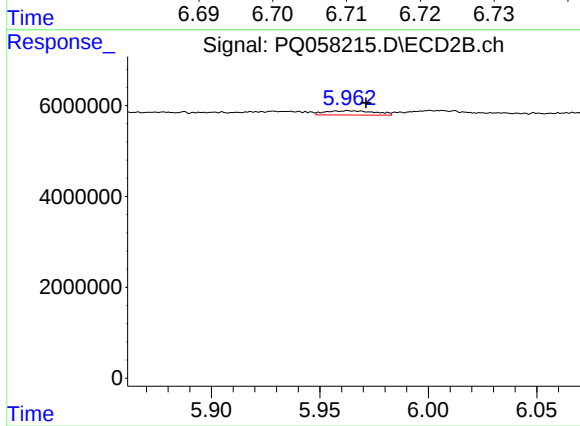
#25 AR-1248-5

R.T.: 6.001 min  
Delta R.T.: -0.012 min  
Response: 1932311  
Conc: 3.68 ng/ml



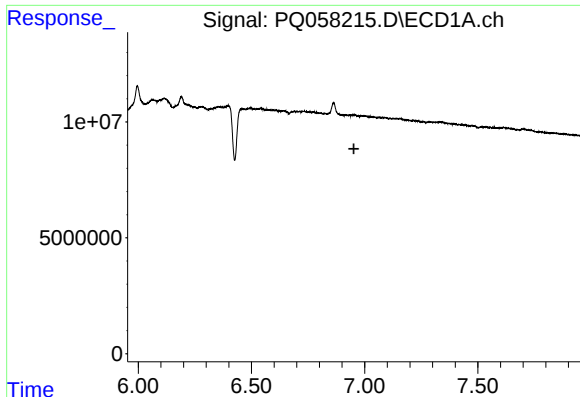
#26 AR-1254-1

R.T.: 6.714 min  
Delta R.T.: -0.021 min  
Response: 258888  
Conc: 0.60 ng/ml



#26 AR-1254-1

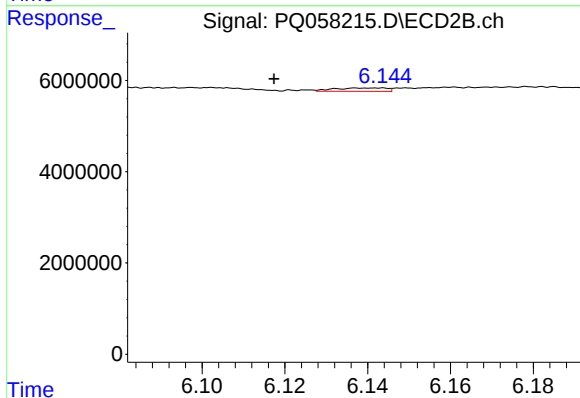
R.T.: 5.963 min  
Delta R.T.: -0.009 min  
Response: 1510373  
Conc: 1.89 ng/ml



#27 AR-1254-2

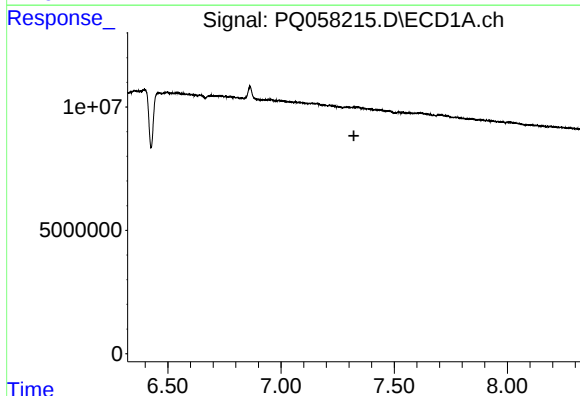
R.T.: 0.000 min  
Exp R.T.: 6.952 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



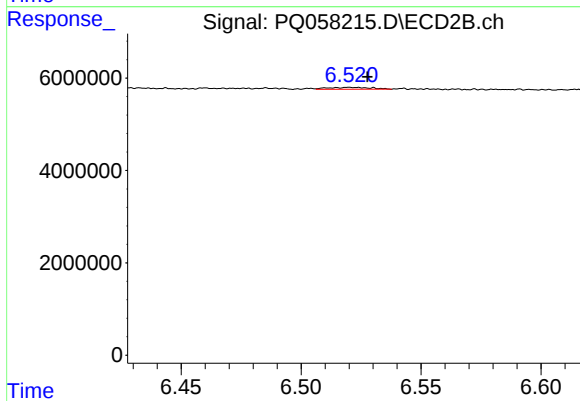
#27 AR-1254-2

R.T.: 6.144 min  
Delta R.T.: 0.026 min  
Response: 644050  
Conc: 0.93 ng/ml



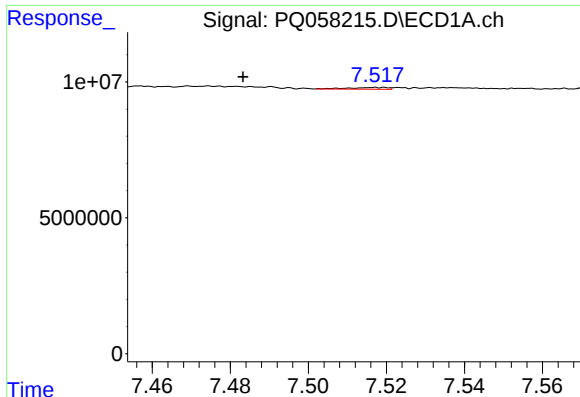
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 7.322 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

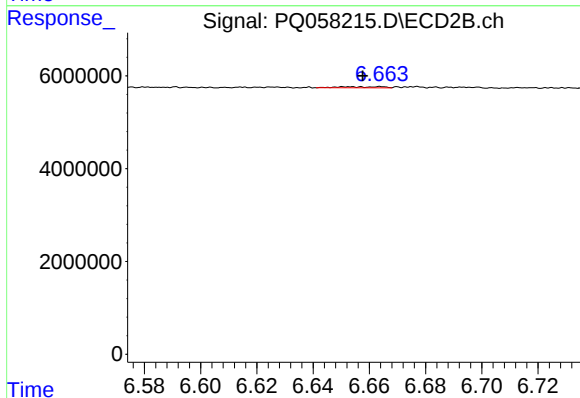
R.T.: 6.520 min  
Delta R.T.: -0.008 min  
Response: 530798  
Conc: 0.46 ng/ml



#31 AR-1260-1

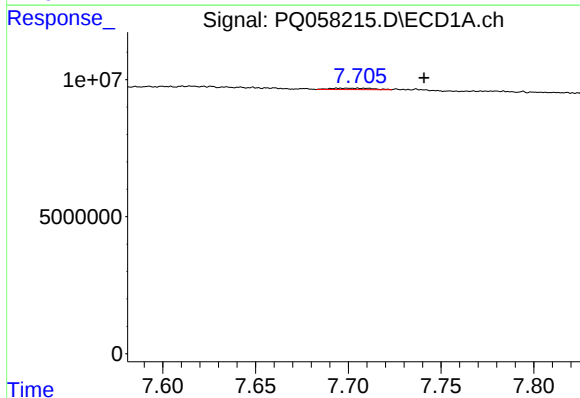
R.T.: 7.520 min  
Delta R.T.: 0.036 min  
Response: 431492  
Conc: 0.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



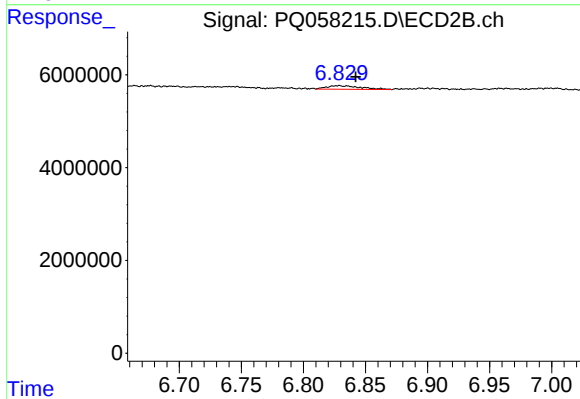
#31 AR-1260-1

R.T.: 6.664 min  
Delta R.T.: 0.006 min  
Response: 262165  
Conc: 0.39 ng/ml



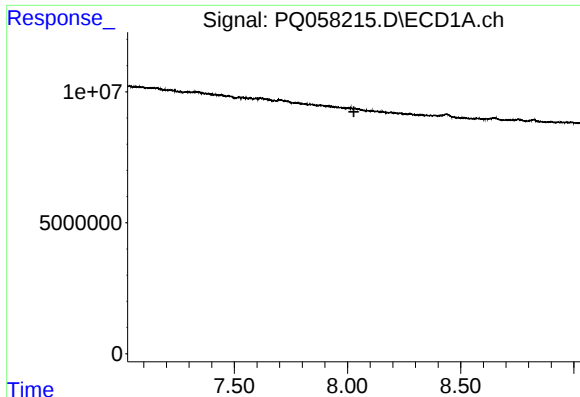
#32 AR-1260-2

R.T.: 7.705 min  
Delta R.T.: -0.036 min  
Response: 819648  
Conc: 1.42 ng/ml



#32 AR-1260-2

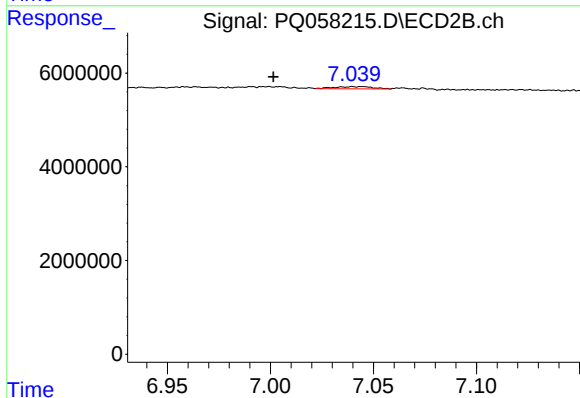
R.T.: 6.829 min  
Delta R.T.: -0.013 min  
Response: 1447418  
Conc: 1.80 ng/ml



#33 AR-1260-3

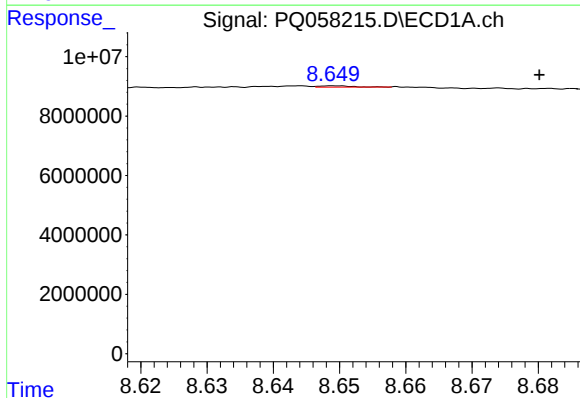
R.T.: 0.000 min  
Exp R.T.: 8.028 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



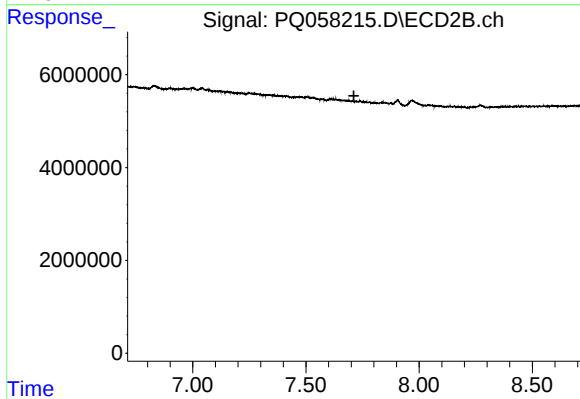
#33 AR-1260-3

R.T.: 7.040 min  
Delta R.T.: 0.039 min  
Response: 580065  
Conc: 0.77 ng/ml



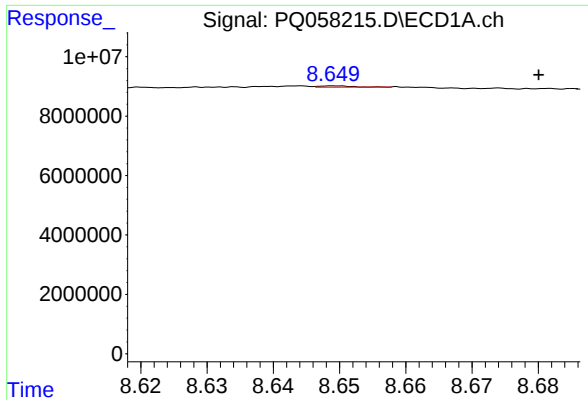
#35 AR-1260-5

R.T.: 8.649 min  
Delta R.T.: -0.031 min  
Response: 156920  
Conc: 0.13 ng/ml



#35 AR-1260-5

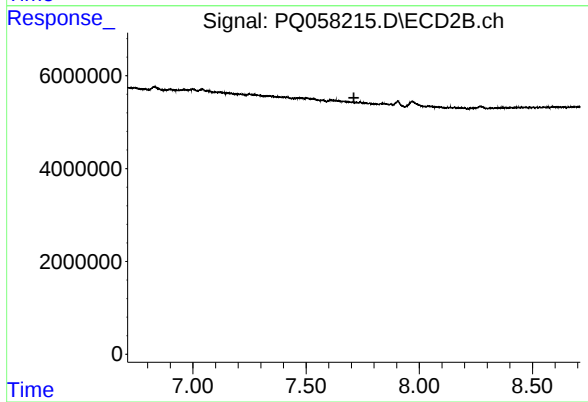
R.T.: 0.000 min  
Exp R.T.: 7.712 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

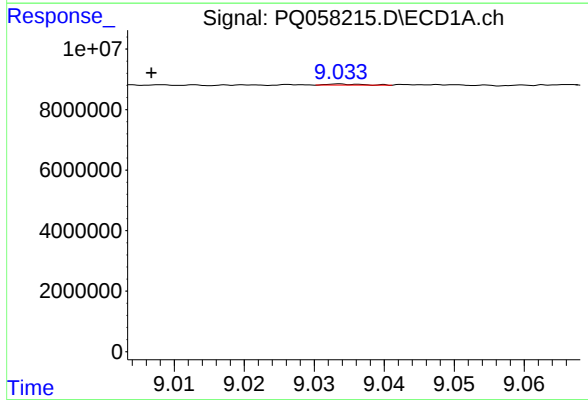
R.T.: 8.649 min  
Delta R.T.: -0.031 min  
Response: 156920  
Conc: 0.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



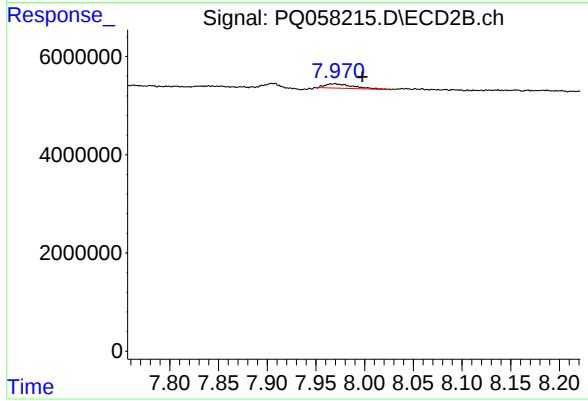
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.711 min  
Response: 0  
Conc: N.D.



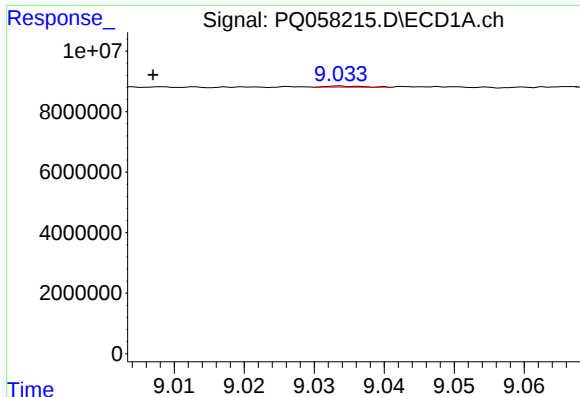
#38 AR-1262-3

R.T.: 9.034 min  
Delta R.T.: 0.027 min  
Response: 116347  
Conc: 0.16 ng/ml



#38 AR-1262-3

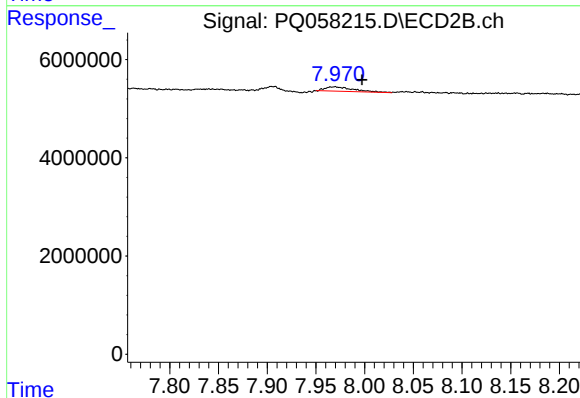
R.T.: 7.970 min  
Delta R.T.: -0.028 min  
Response: 1749684  
Conc: 2.58 ng/ml



#41 AR-1268-1

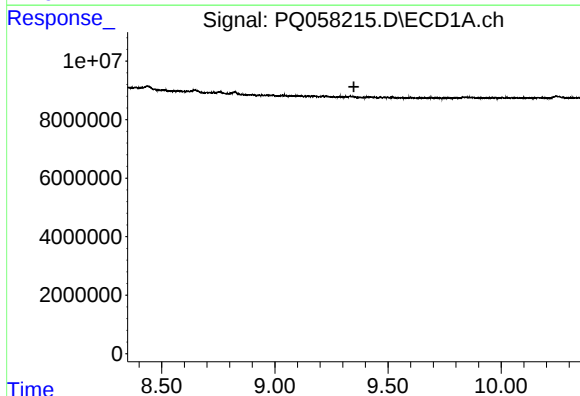
R.T.: 9.034 min  
Delta R.T.: 0.027 min  
Response: 116347  
Conc: 0.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



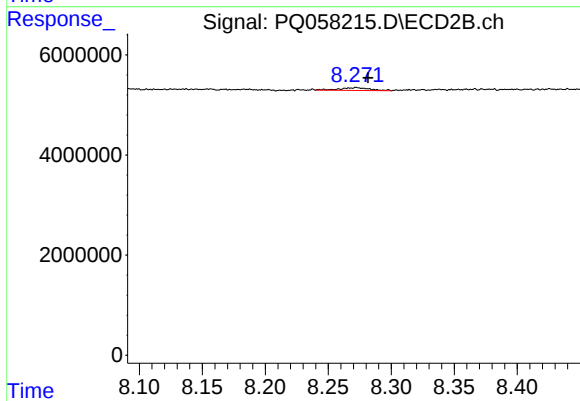
#41 AR-1268-1

R.T.: 7.970 min  
Delta R.T.: -0.028 min  
Response: 1749684  
Conc: 0.88 ng/ml



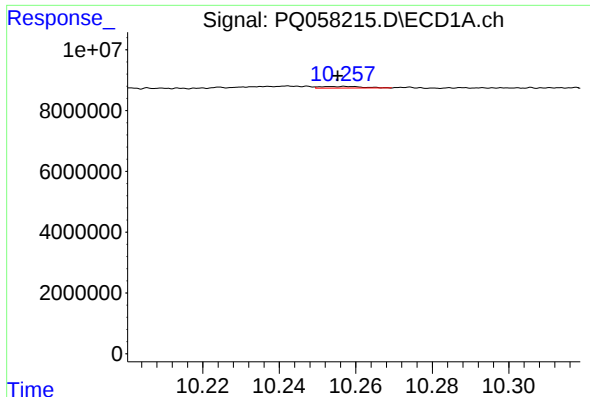
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.349 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

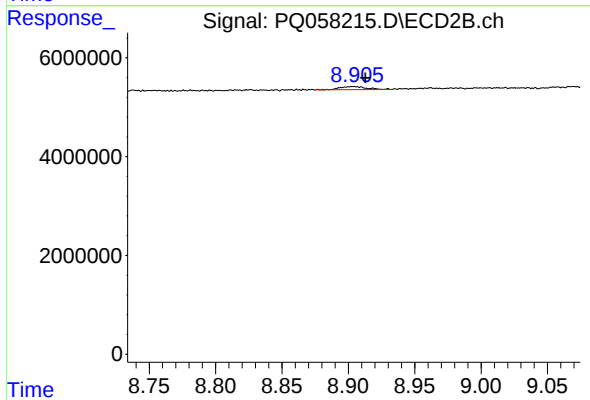
R.T.: 8.272 min  
Delta R.T.: -0.009 min  
Response: 937232  
Conc: 0.60 ng/ml



#45 AR-1268-5

R.T.: 10.257 min  
Delta R.T.: 0.002 min  
Response: 422350  
Conc: 0.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.904 min  
Delta R.T.: -0.009 min  
Response: 900309  
Conc: 0.20 ng/ml