

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ011819\  
 Data File : PQ036540.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jan 2019 17:09  
 Operator : SM\SJ  
 Sample : K1185-11 10X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 A0C2-04G-(0-6)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 18 21:51:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ010819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 09 07:07:45 2019  
 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... | 4.369  | 3.713 | 9391973  | 7626368  | 2.054   | 3.151 #   |
| 2)                          | SA Decachlor... | 10.002 | 0.000 | 48247829 | 0        | 13.264  | N.D. #    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 4)                          | L1 AR-1016-2    | 5.620  | 0.000 | 1591570  | 0        | 7.456   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.632  | 0.000 | 832032   | 0        | 6.707   | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.673  | 5.092 | 912986   | 3833238  | 9.016   | 81.318 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.175 | 0        | 2060829  | N.D.    | 33.876 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.898 | 0        | 958518   | N.D.    | 48.849 #  |
| 13)                         | L3 AR-1232-3    | 5.620  | 0.000 | 1591570  | 0        | 19.779  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 5.673  | 5.092 | 912986   | 3833238  | 23.753  | 186.241 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.175 | 0        | 2060829  | N.D.    | 93.971 #  |
| 16)                         | L4 AR-1242-1    | 5.620  | 0.000 | 1591570  | 0        | 16.009  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.620  | 0.000 | 1591570  | 0        | 10.536  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.632  | 0.000 | 832032   | 0        | 9.381   | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.673  | 5.092 | 912986   | 3833238  | 12.533  | 90.080 #  |
| 20)                         | L4 AR-1242-5    | 6.463  | 5.536 | 7057533  | 6112624  | 88.936  | 112.535 # |
| 21)                         | L5 AR-1248-1    | 5.620  | 0.000 | 1591570  | 0        | 15.905  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.092 | 0        | 3833238  | N.D.    | 61.075 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.092 | 0        | 3833238  | N.D.    | 59.662 #  |
| 24)                         | L5 AR-1248-4    | 6.463  | 5.175 | 7057533  | 2060829  | 49.498  | 26.829 #  |
| 25)                         | L5 AR-1248-5    | 6.463  | 5.670 | 7057533  | 10484938 | 51.638  | 137.386 # |
| 26)                         | L6 AR-1254-1    | 6.371  | 5.536 | 9763970  | 6112624  | 71.825  | 58.444    |
| 27)                         | L6 AR-1254-2    | 6.588  | 5.726 | 2141279  | 9335574  | 10.069  | 102.163 # |
| 28)                         | L6 AR-1254-3    | 6.959  | 6.123 | 5494658  | 27168556 | 23.408  | 170.645 # |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.307 | 0        | 30227170 | N.D.    | 287.975 # |
| 30)                         | L6 AR-1254-5    | 7.658  | 6.765 | 3356534  | 30808607 | 16.388  | 212.107 # |
| 31)                         | L7 AR-1260-1    | 7.139  | 6.275 | 785010   | 18613703 | 4.123   | 156.319 # |
| 32)                         | L7 AR-1260-2    | 7.425  | 6.438 | 11282757 | 20836273 | 49.164  | 145.133 # |
| 33)                         | L7 AR-1260-3    | 7.738  | 6.590 | 4100151  | -165483  | 29.118  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 7.935  | 0.000 | 38205067 | 0        | 221.579 | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.264  | 7.297 | 41871402 | 16358967 | 124.745 | 74.045 #  |
| 36)                         | L8 AR-1262-1    | 7.738  | 6.855 | 4100151  | 16325573 | 17.496  | 105.899 # |
| 37)                         | L8 AR-1262-2    | 8.264  | 7.297 | 41871402 | 16358967 | 97.589  | 58.764 #  |
| 38)                         | L8 AR-1262-3    | 8.629  | 0.000 | 7574314  | 0        | 81.391  | N.D. #    |
| 39)                         | L8 AR-1262-4    | 8.629  | 0.000 | 7574314  | 0        | 36.518  | N.D. #    |
| 40)                         | L8 AR-1262-5    | 9.286  | 8.177 | 1879594  | 6745506  | 12.939  | 76.715 #  |
| 41)                         | L9 AR-1268-1    | 8.606  | 0.000 | 4227427  | 0        | 8.324   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 8.629  | 0.000 | 7574314  | 0        | 15.839  | N.D. #    |
| 44)                         | L9 AR-1268-4    | 9.286  | 8.177 | 1879594  | 6745506  | 11.447  | 67.845 #  |
| -----                       |                 |        |       |          |          |         |           |

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

**Instrument :**

ECD\_Q

**ClientSampleId :**

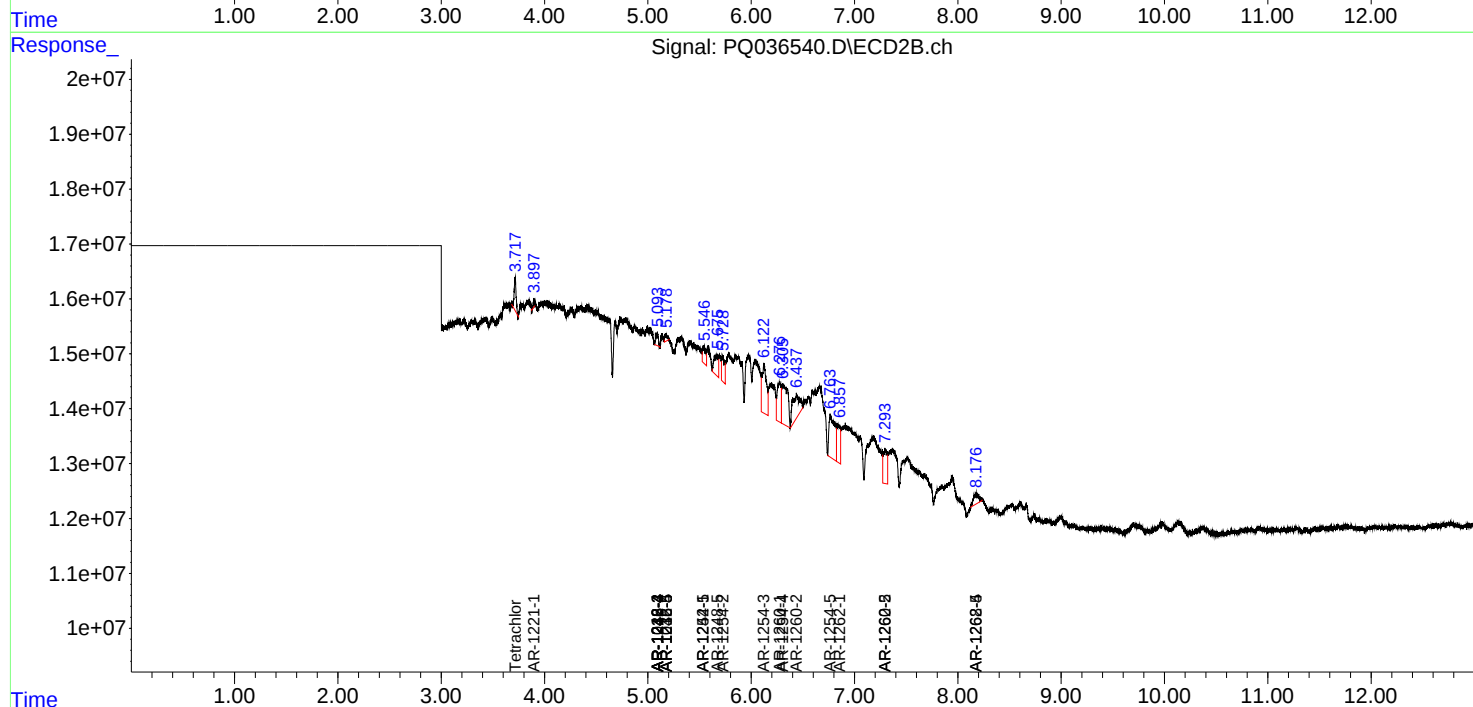
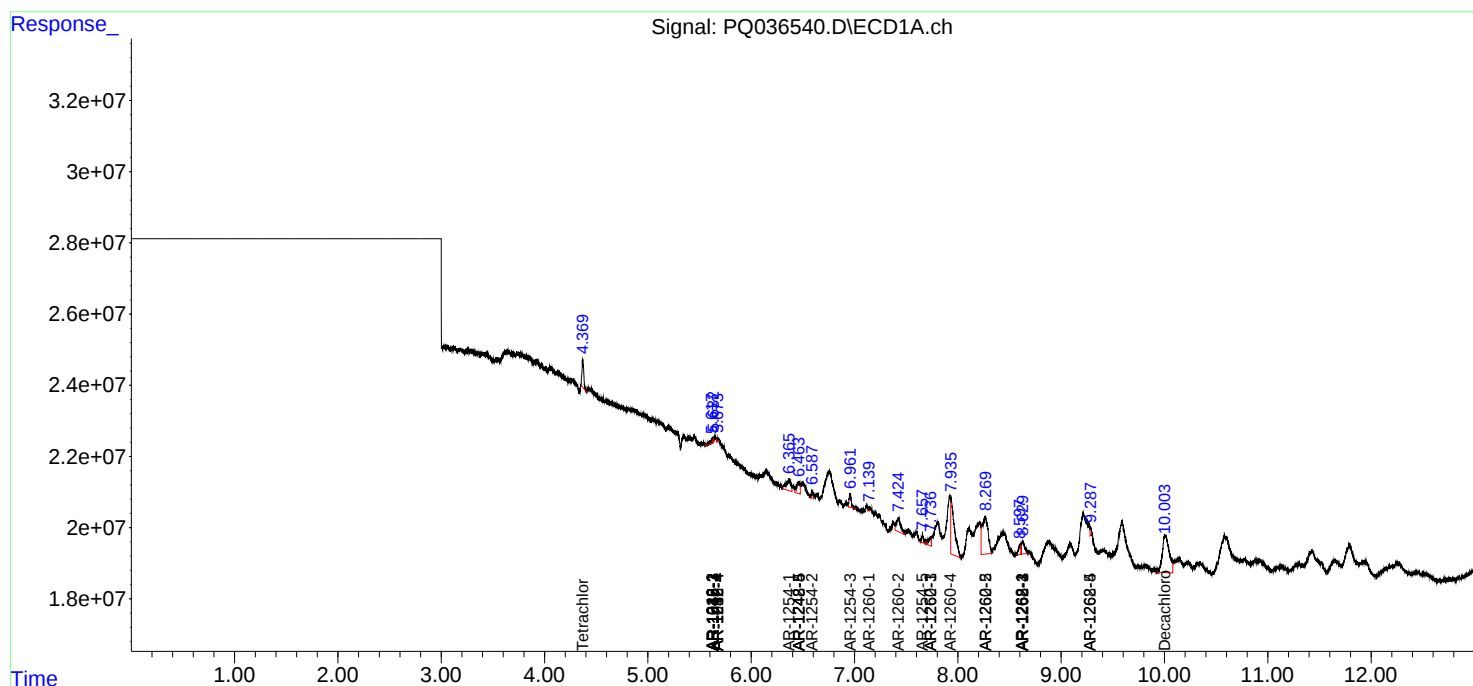
A0C2-04G-(0-6)

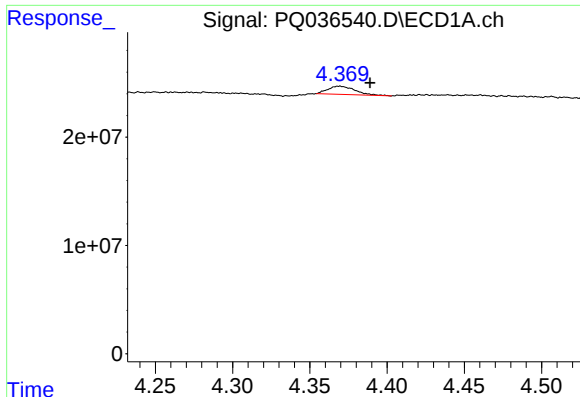
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ011819\  
Data File : PQ036540.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jan 2019 17:09  
Operator : SM\SJ  
Sample : K1185-11 10X  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :  
A0C2-04G-(0-6)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 18 21:51:59 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ010819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jan 09 07:07:45 2019  
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

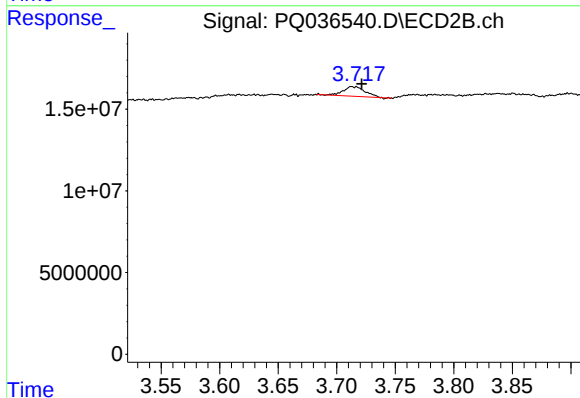




#1 Tetrachloro-m-xylene

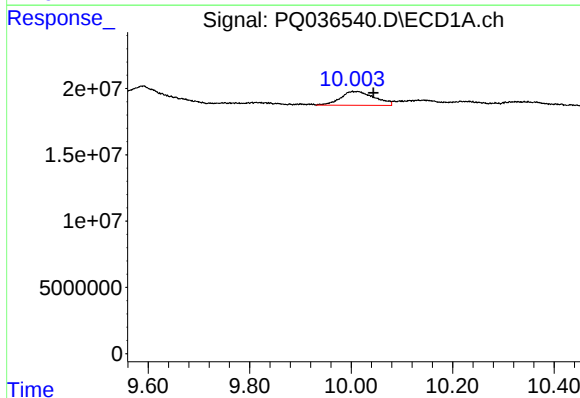
R.T.: 4.369 min  
Delta R.T.: -0.020 min  
Response: 9391973  
Conc: 2.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



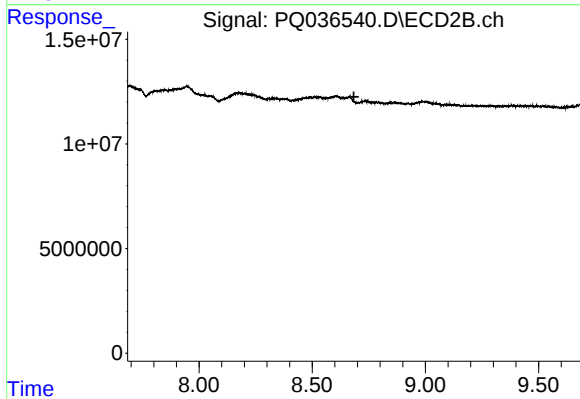
#1 Tetrachloro-m-xylene

R.T.: 3.713 min  
Delta R.T.: -0.008 min  
Response: 7626368  
Conc: 3.15 ng/ml



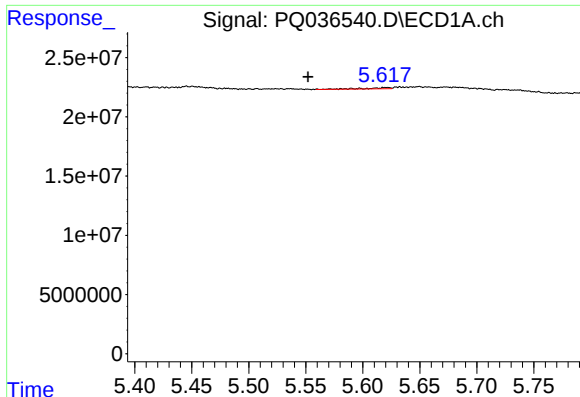
#2 Decachlorobiphenyl

R.T.: 10.002 min  
Delta R.T.: -0.042 min  
Response: 48247829  
Conc: 13.26 ng/ml



#2 Decachlorobiphenyl

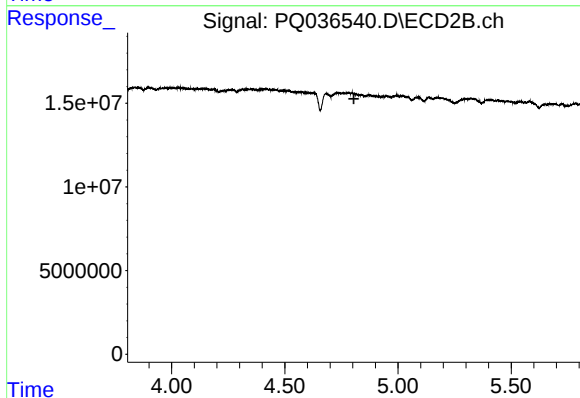
R.T.: 0.000 min  
Exp R.T.: 8.684 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

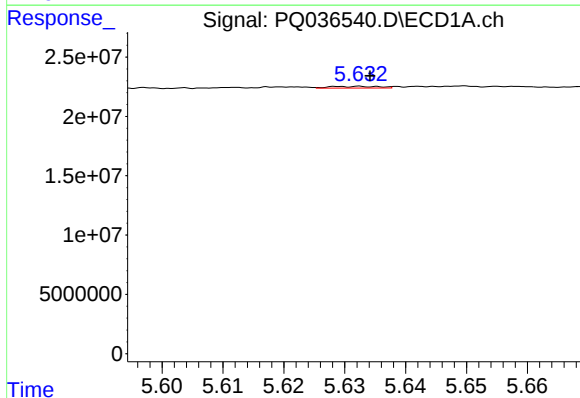
R.T.: 5.620 min  
Delta R.T.: 0.068 min  
Response: 1591570  
Conc: 7.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



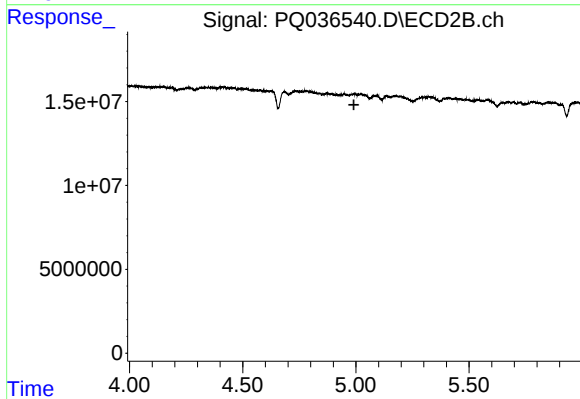
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 4.805 min  
Response: 0  
Conc: N.D.



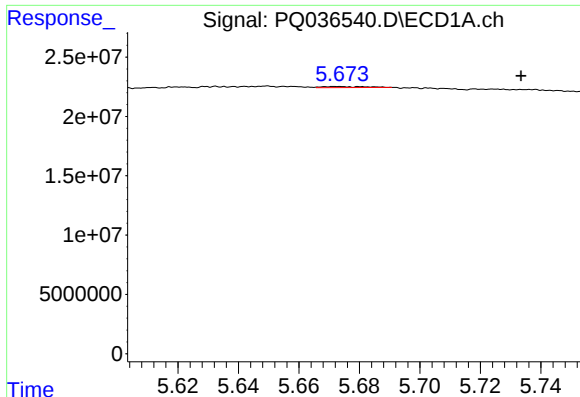
#5 AR-1016-3

R.T.: 5.632 min  
Delta R.T.: -0.002 min  
Response: 832032  
Conc: 6.71 ng/ml



#5 AR-1016-3

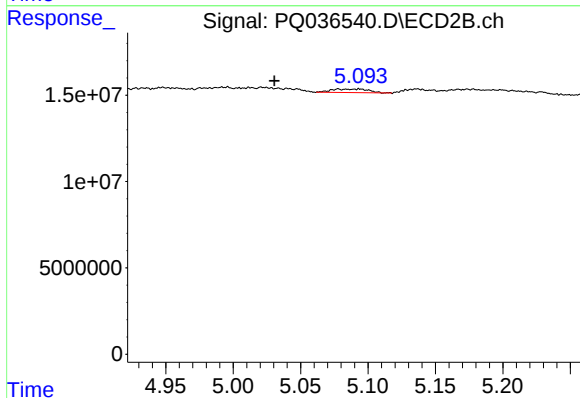
R.T.: 0.000 min  
Exp R.T. : 4.991 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

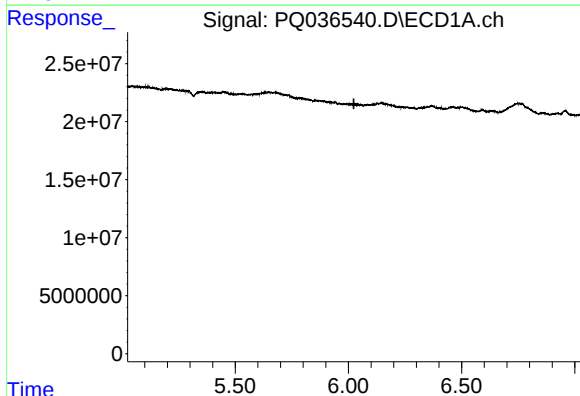
R.T.: 5.673 min  
Delta R.T.: -0.061 min  
Response: 912986  
Conc: 9.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



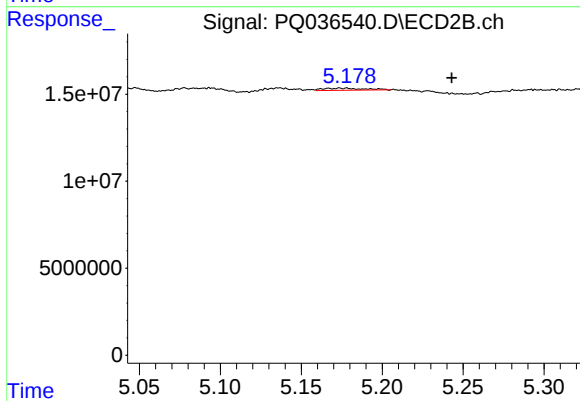
#6 AR-1016-4

R.T.: 5.092 min  
Delta R.T.: 0.061 min  
Response: 3833238  
Conc: 81.32 ng/ml



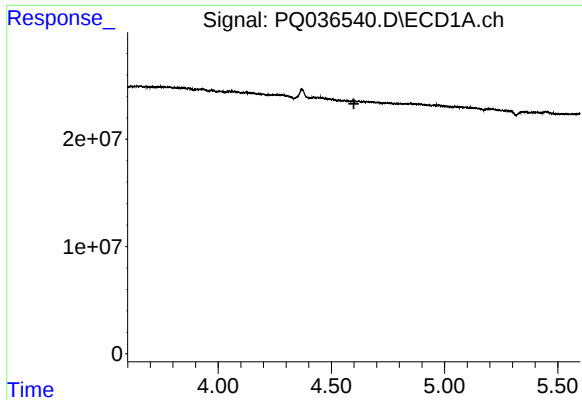
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.024 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

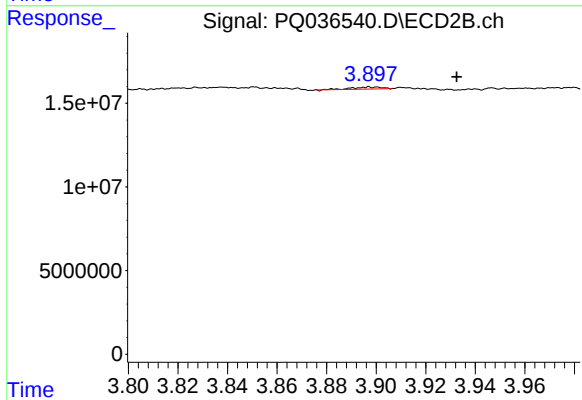
R.T.: 5.175 min  
Delta R.T.: -0.068 min  
Response: 2060829  
Conc: 33.88 ng/ml



#8 AR-1221-1

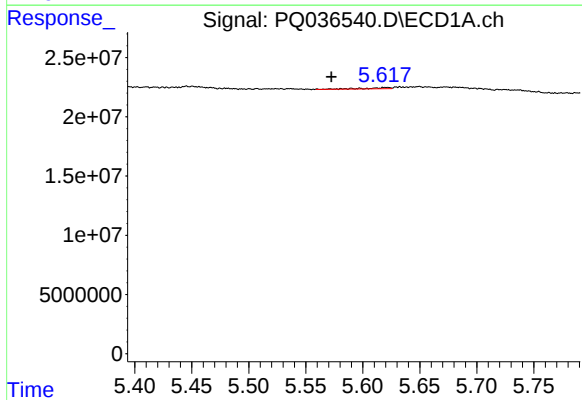
R.T.: 0.000 min  
Exp R.T.: 4.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



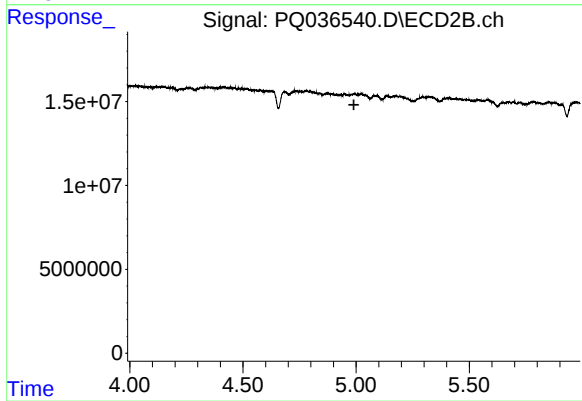
#8 AR-1221-1

R.T.: 3.898 min  
Delta R.T.: -0.035 min  
Response: 958518  
Conc: 48.85 ng/ml



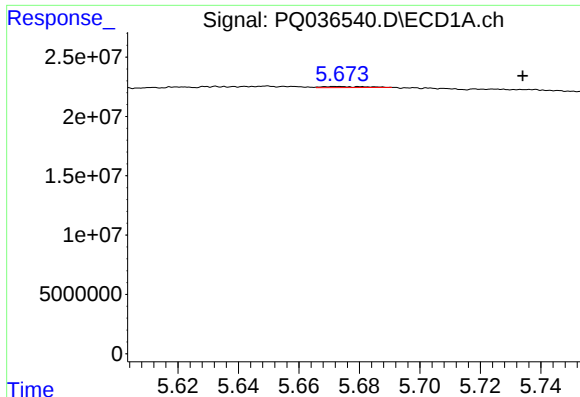
#13 AR-1232-3

R.T.: 5.620 min  
Delta R.T.: 0.047 min  
Response: 1591570  
Conc: 19.78 ng/ml



#13 AR-1232-3

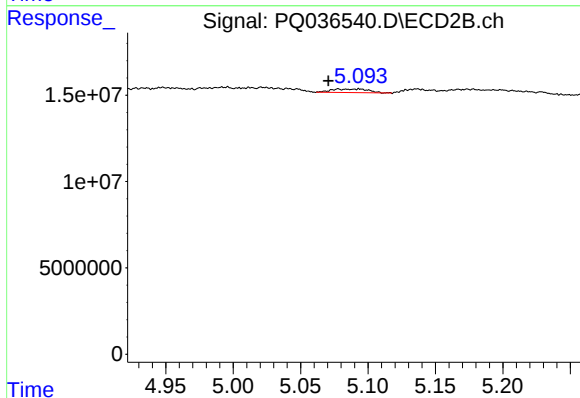
R.T.: 0.000 min  
Exp R.T.: 4.990 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

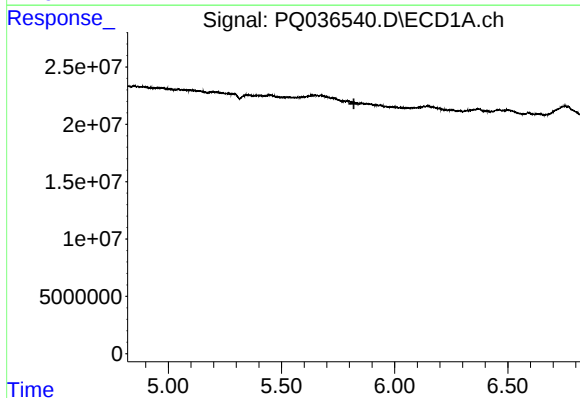
R.T.: 5.673 min  
Delta R.T.: -0.061 min  
Response: 912986  
Conc: 23.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



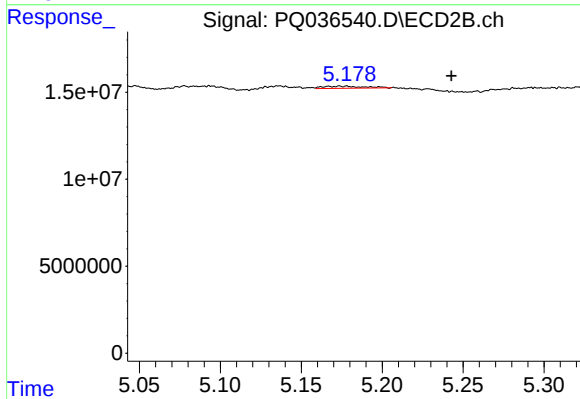
#14 AR-1232-4

R.T.: 5.092 min  
Delta R.T.: 0.021 min  
Response: 3833238  
Conc: 186.24 ng/ml



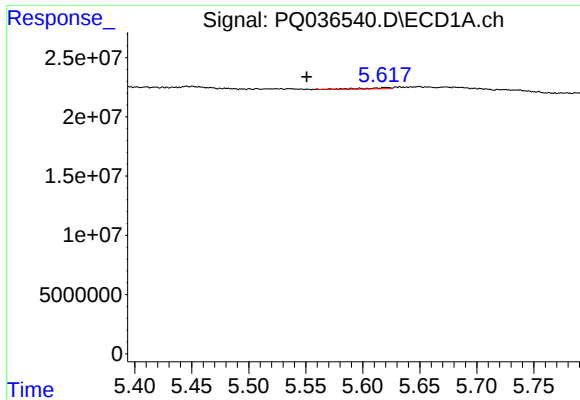
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.820 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

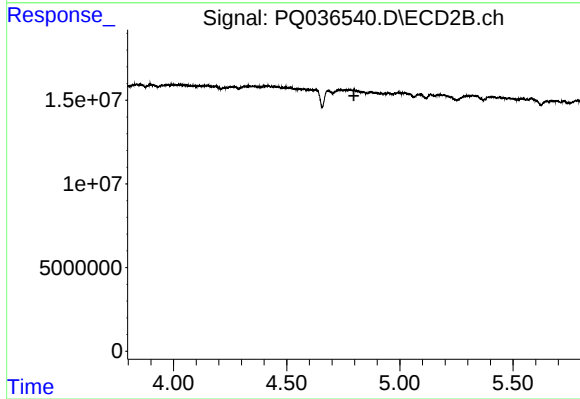
R.T.: 5.175 min  
Delta R.T.: -0.068 min  
Response: 2060829  
Conc: 93.97 ng/ml



#16 AR-1242-1

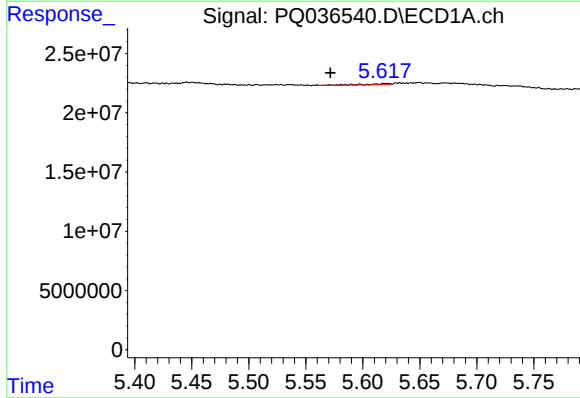
R.T.: 5.620 min  
Delta R.T.: 0.069 min  
Response: 1591570  
Conc: 16.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



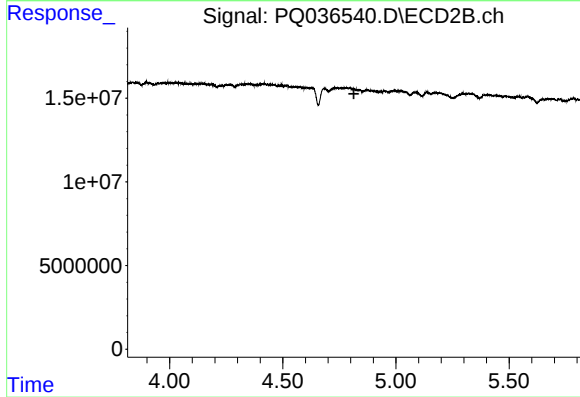
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.797 min  
Response: 0  
Conc: N.D.



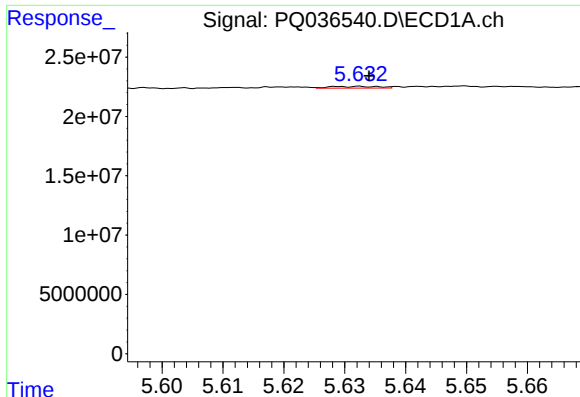
#17 AR-1242-2

R.T.: 5.620 min  
Delta R.T.: 0.048 min  
Response: 1591570  
Conc: 10.54 ng/ml



#17 AR-1242-2

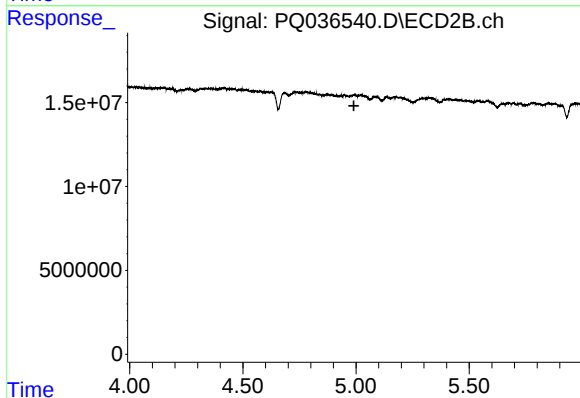
R.T.: 0.000 min  
Exp R.T. : 4.814 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

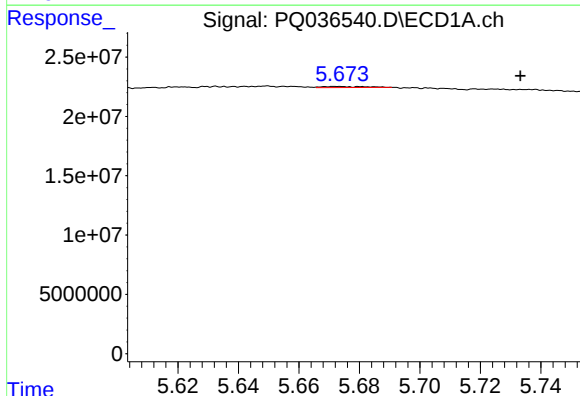
R.T.: 5.632 min  
Delta R.T.: -0.002 min  
Response: 832032  
Conc: 9.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



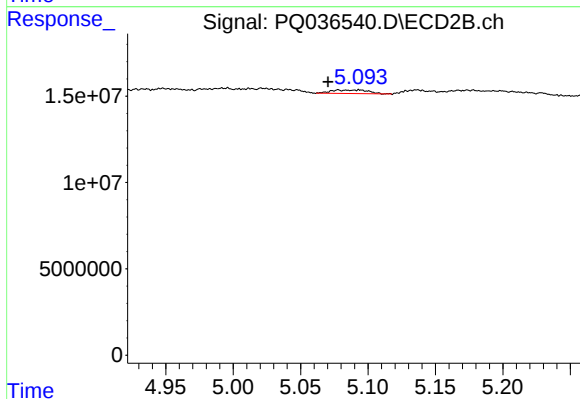
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.990 min  
Response: 0  
Conc: N.D.



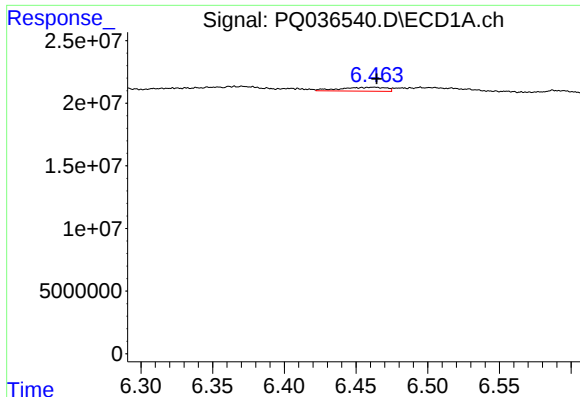
#19 AR-1242-4

R.T.: 5.673 min  
Delta R.T.: -0.060 min  
Response: 912986  
Conc: 12.53 ng/ml



#19 AR-1242-4

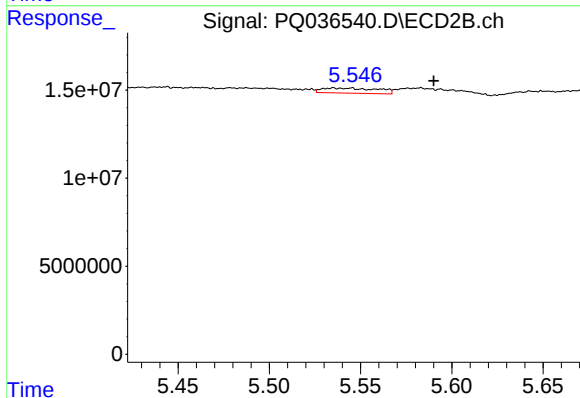
R.T.: 5.092 min  
Delta R.T.: 0.021 min  
Response: 3833238  
Conc: 90.08 ng/ml



#20 AR-1242-5

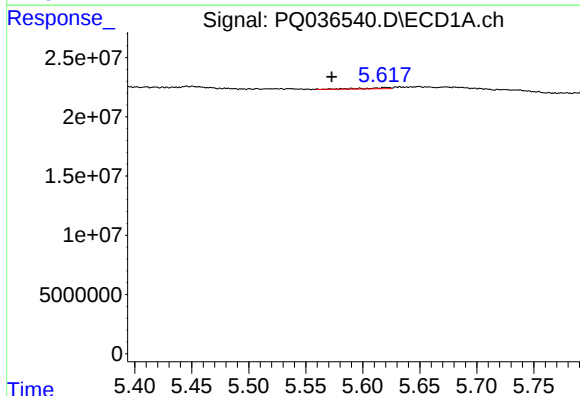
R.T.: 6.463 min  
Delta R.T.: -0.002 min  
Response: 7057533  
Conc: 88.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



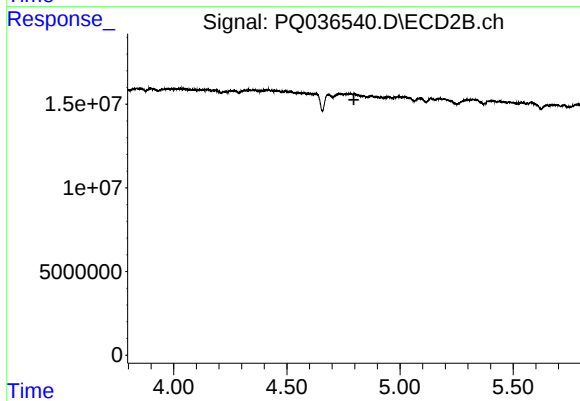
#20 AR-1242-5

R.T.: 5.536 min  
Delta R.T.: -0.054 min  
Response: 6112624  
Conc: 112.53 ng/ml



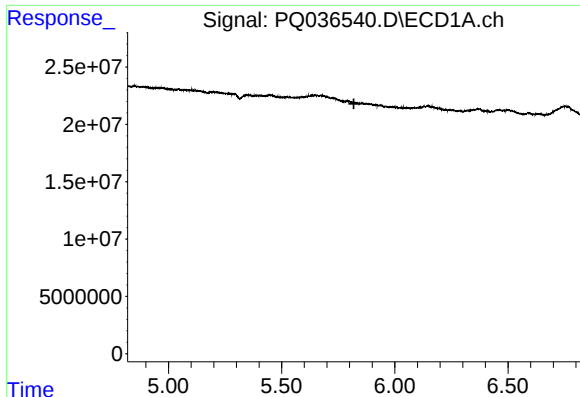
#21 AR-1248-1

R.T.: 5.620 min  
Delta R.T.: 0.047 min  
Response: 1591570  
Conc: 15.91 ng/ml



#21 AR-1248-1

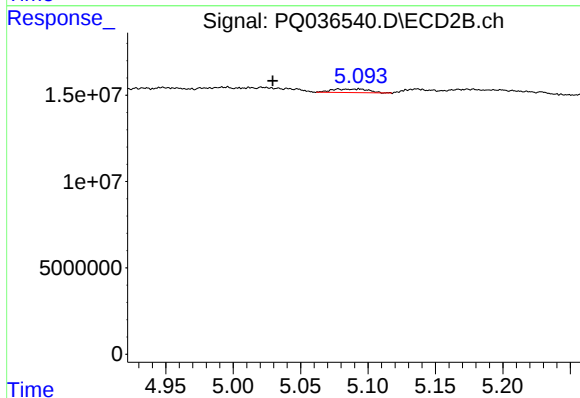
R.T.: 0.000 min  
Exp R.T.: 4.796 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

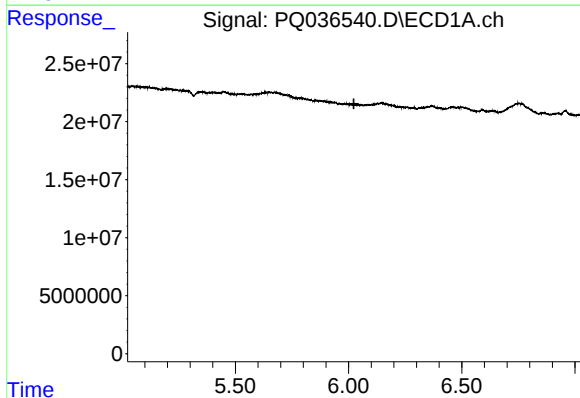
R.T.: 0.000 min  
Exp R.T.: 5.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



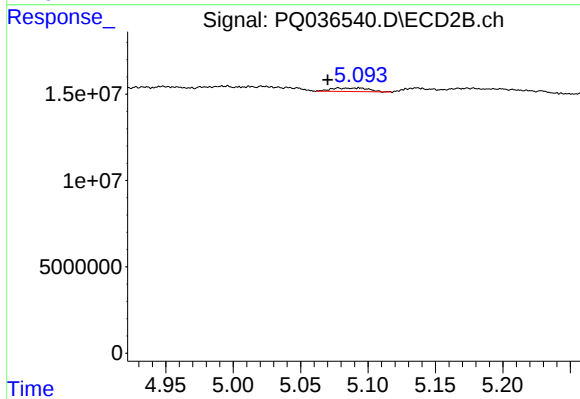
#22 AR-1248-2

R.T.: 5.092 min  
Delta R.T.: 0.062 min  
Response: 3833238  
Conc: 61.08 ng/ml



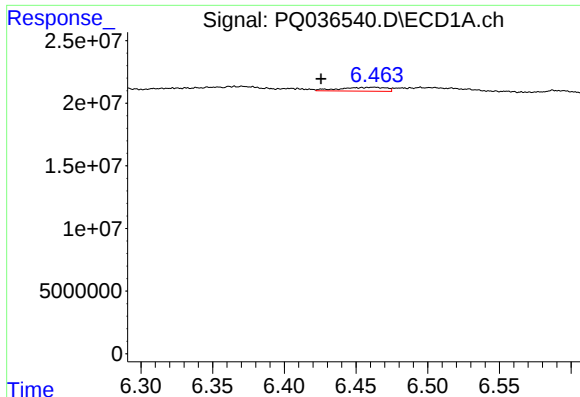
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.024 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

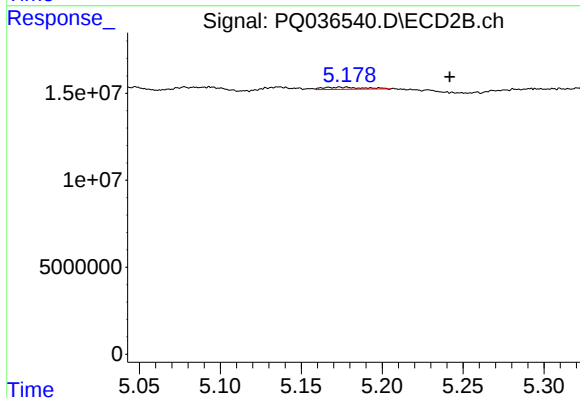
R.T.: 5.092 min  
Delta R.T.: 0.022 min  
Response: 3833238  
Conc: 59.66 ng/ml



#24 AR-1248-4

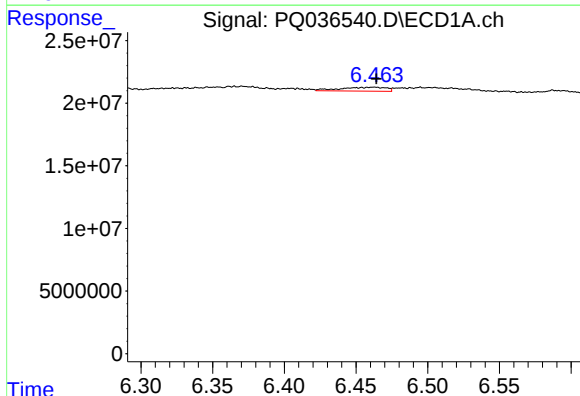
R.T.: 6.463 min  
Delta R.T.: 0.037 min  
Response: 7057533  
Conc: 49.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



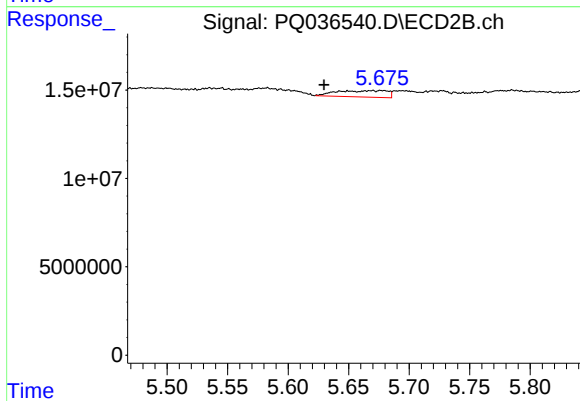
#24 AR-1248-4

R.T.: 5.175 min  
Delta R.T.: -0.067 min  
Response: 2060829  
Conc: 26.83 ng/ml



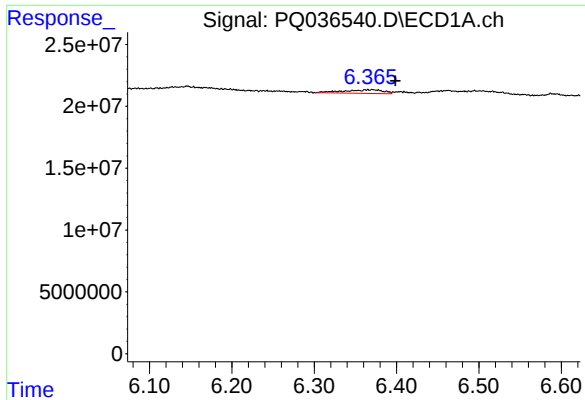
#25 AR-1248-5

R.T.: 6.463 min  
Delta R.T.: -0.001 min  
Response: 7057533  
Conc: 51.64 ng/ml



#25 AR-1248-5

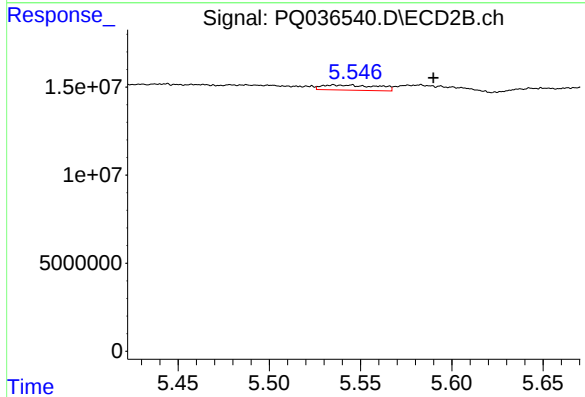
R.T.: 5.670 min  
Delta R.T.: 0.041 min  
Response: 10484938  
Conc: 137.39 ng/ml



#26 AR-1254-1

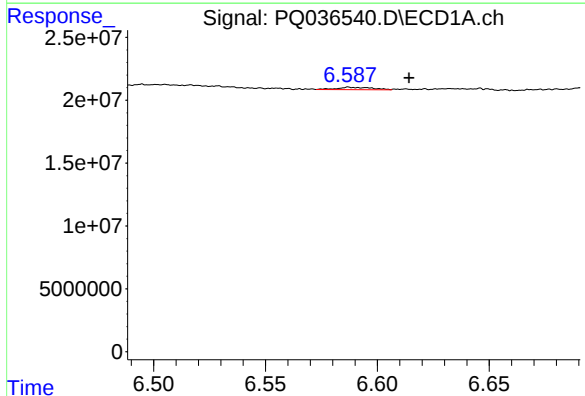
R.T.: 6.371 min  
Delta R.T.: -0.028 min  
Response: 9763970  
Conc: 71.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



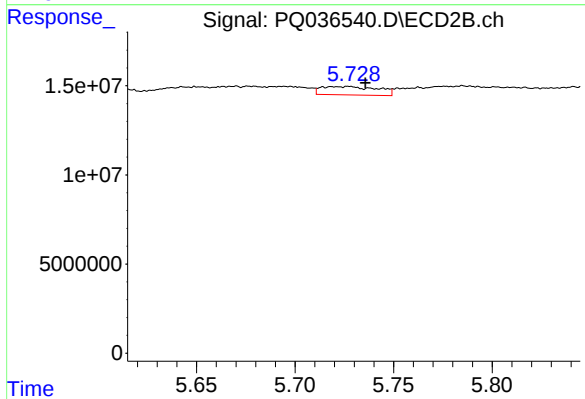
#26 AR-1254-1

R.T.: 5.536 min  
Delta R.T.: -0.054 min  
Response: 6112624  
Conc: 58.44 ng/ml



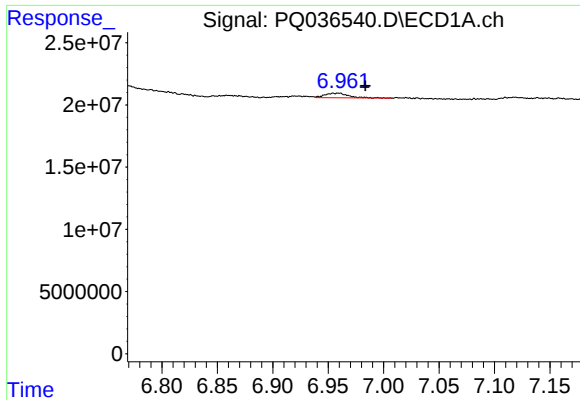
#27 AR-1254-2

R.T.: 6.588 min  
Delta R.T.: -0.027 min  
Response: 2141279  
Conc: 10.07 ng/ml



#27 AR-1254-2

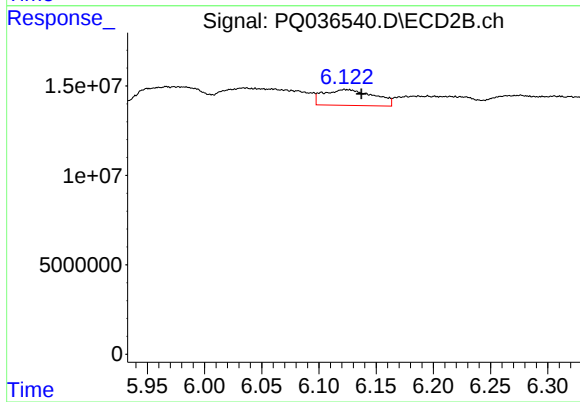
R.T.: 5.726 min  
Delta R.T.: -0.010 min  
Response: 9335574  
Conc: 102.16 ng/ml



#28 AR-1254-3

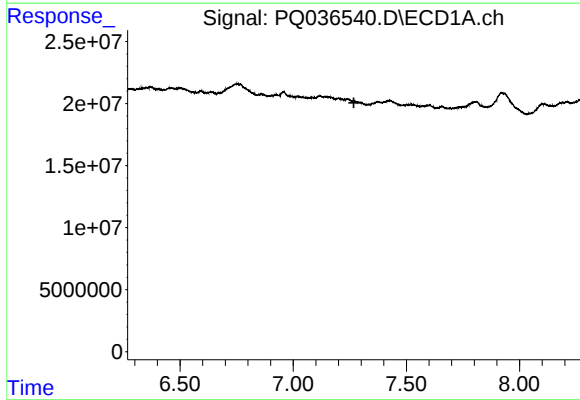
R.T.: 6.959 min  
Delta R.T.: -0.024 min  
Response: 5494658  
Conc: 23.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



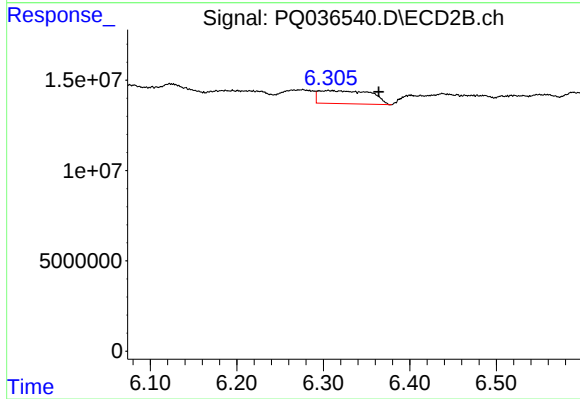
#28 AR-1254-3

R.T.: 6.123 min  
Delta R.T.: -0.014 min  
Response: 27168556  
Conc: 170.64 ng/ml



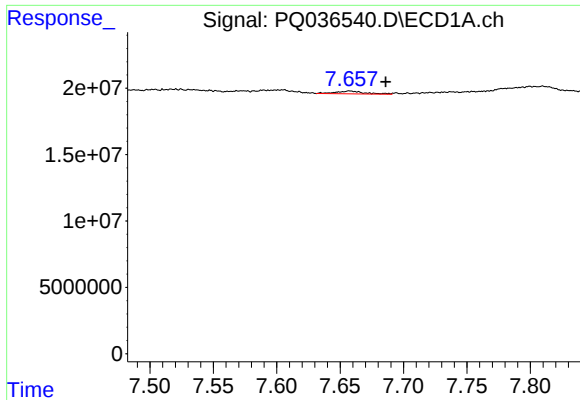
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.268 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

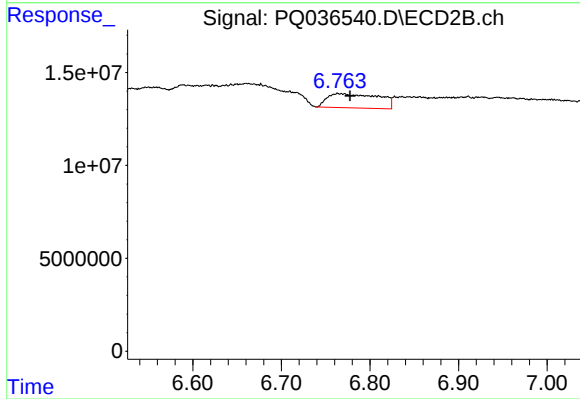
R.T.: 6.307 min  
Delta R.T.: -0.057 min  
Response: 30227170  
Conc: 287.97 ng/ml



#30 AR-1254-5

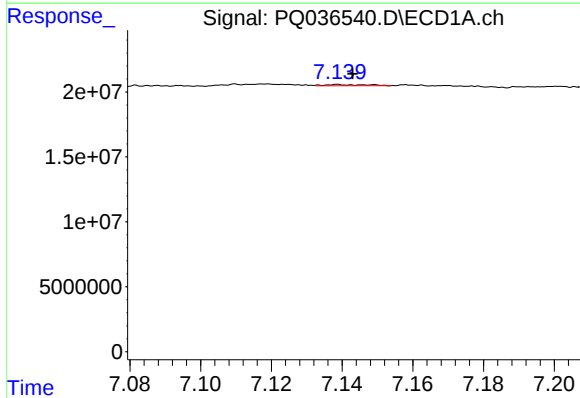
R.T.: 7.658 min  
Delta R.T.: -0.028 min  
Response: 3356534  
Conc: 16.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



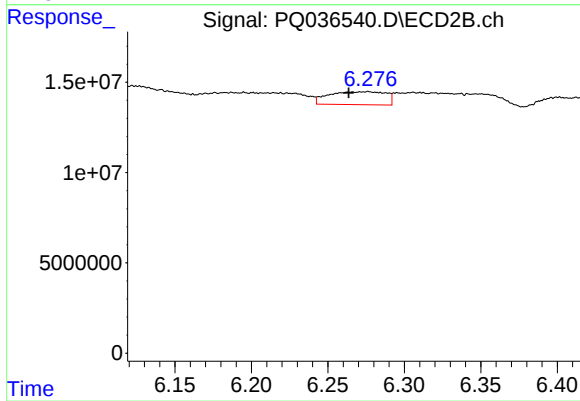
#30 AR-1254-5

R.T.: 6.765 min  
Delta R.T.: -0.013 min  
Response: 30808607  
Conc: 212.11 ng/ml



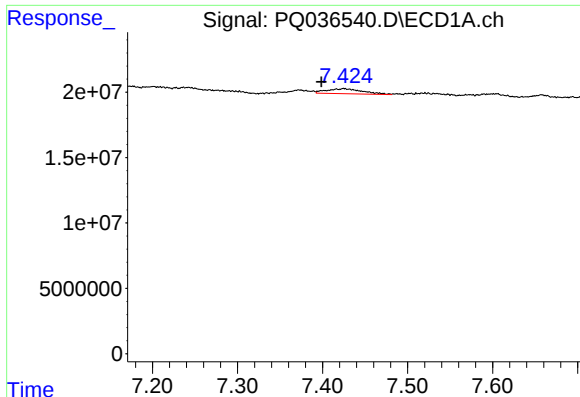
#31 AR-1260-1

R.T.: 7.139 min  
Delta R.T.: -0.004 min  
Response: 785010  
Conc: 4.12 ng/ml



#31 AR-1260-1

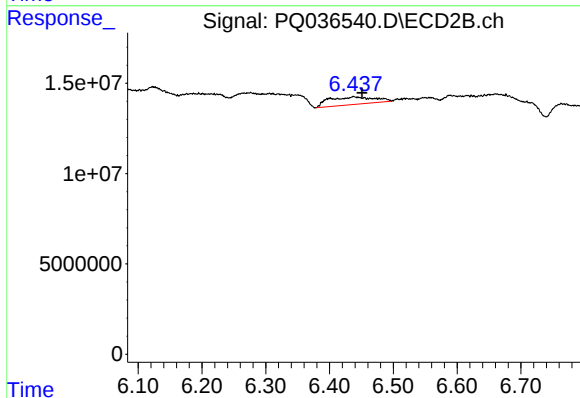
R.T.: 6.275 min  
Delta R.T.: 0.012 min  
Response: 18613703  
Conc: 156.32 ng/ml



#32 AR-1260-2

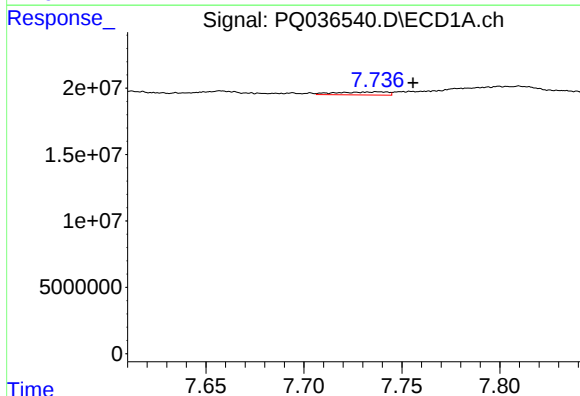
R.T.: 7.425 min  
Delta R.T.: 0.026 min  
Response: 11282757  
Conc: 49.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



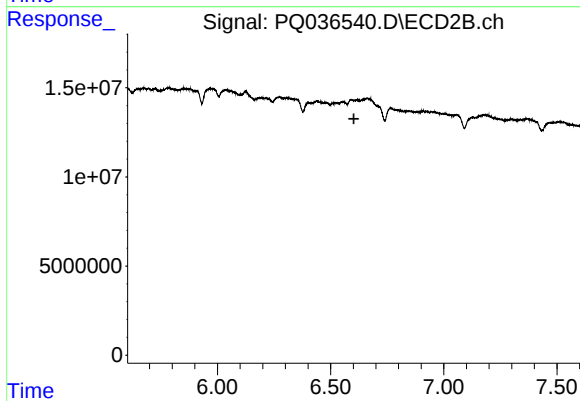
#32 AR-1260-2

R.T.: 6.438 min  
Delta R.T.: -0.013 min  
Response: 20836273  
Conc: 145.13 ng/ml



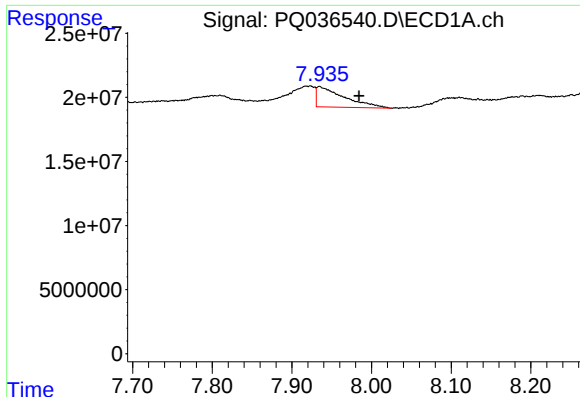
#33 AR-1260-3

R.T.: 7.738 min  
Delta R.T.: -0.018 min  
Response: 4100151  
Conc: 29.12 ng/ml



#33 AR-1260-3

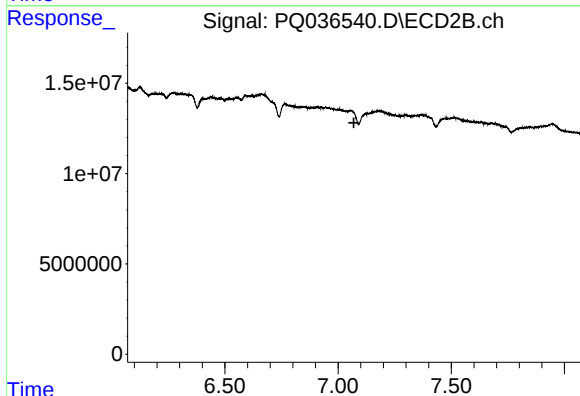
R.T.: 6.590 min  
Delta R.T.: -0.013 min  
Response: -165483  
Conc: N.D.



#34 AR-1260-4

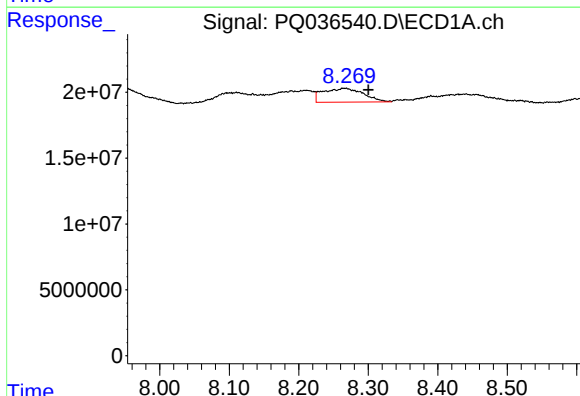
R.T.: 7.935 min  
Delta R.T.: -0.050 min  
Response: 38205067  
Conc: 221.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



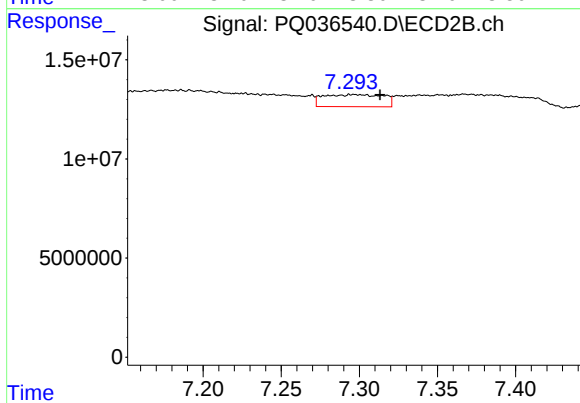
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 7.070 min  
Response: 0  
Conc: N.D.



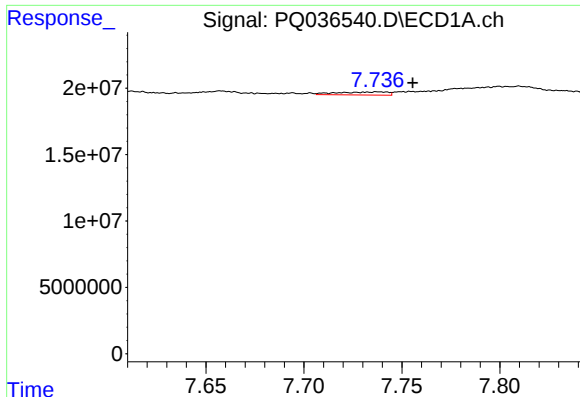
#35 AR-1260-5

R.T.: 8.264 min  
Delta R.T.: -0.036 min  
Response: 41871402  
Conc: 124.75 ng/ml



#35 AR-1260-5

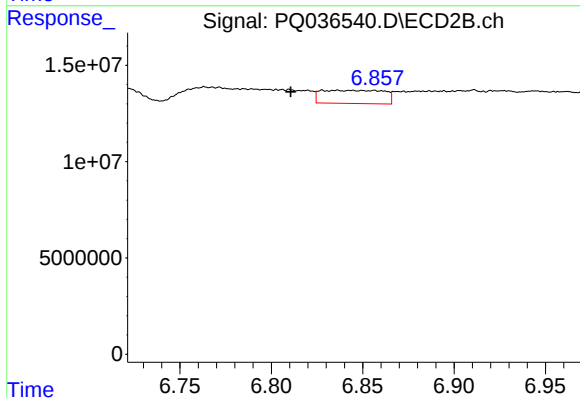
R.T.: 7.297 min  
Delta R.T.: -0.016 min  
Response: 16358967  
Conc: 74.05 ng/ml



#36 AR-1262-1

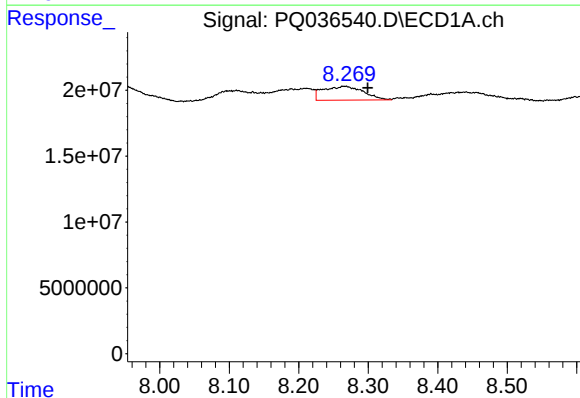
R.T.: 7.738 min  
Delta R.T.: -0.018 min  
Response: 4100151  
Conc: 17.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



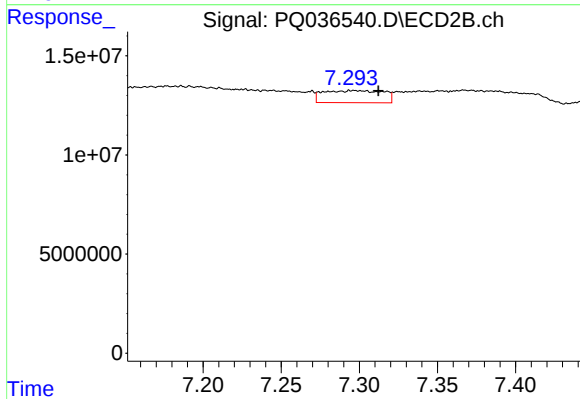
#36 AR-1262-1

R.T.: 6.855 min  
Delta R.T.: 0.044 min  
Response: 16325573  
Conc: 105.90 ng/ml



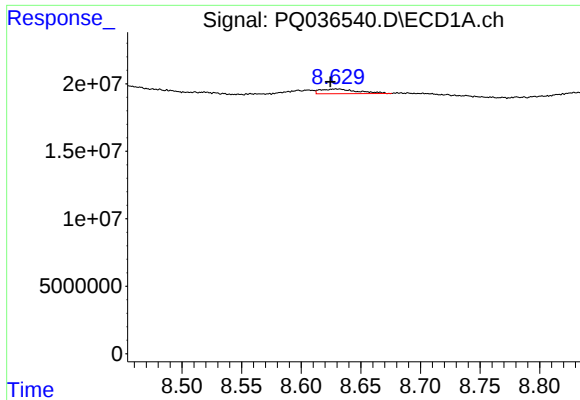
#37 AR-1262-2

R.T.: 8.264 min  
Delta R.T.: -0.035 min  
Response: 41871402  
Conc: 97.59 ng/ml



#37 AR-1262-2

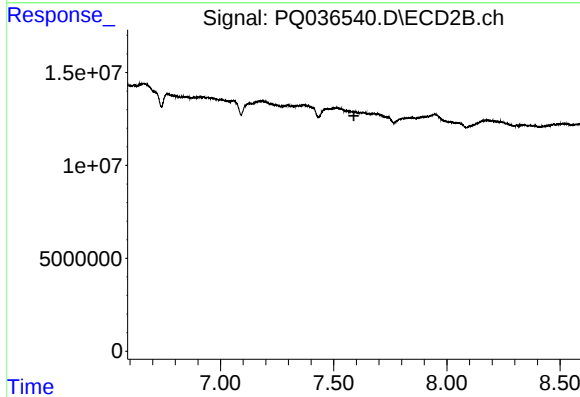
R.T.: 7.297 min  
Delta R.T.: -0.015 min  
Response: 16358967  
Conc: 58.76 ng/ml



#38 AR-1262-3

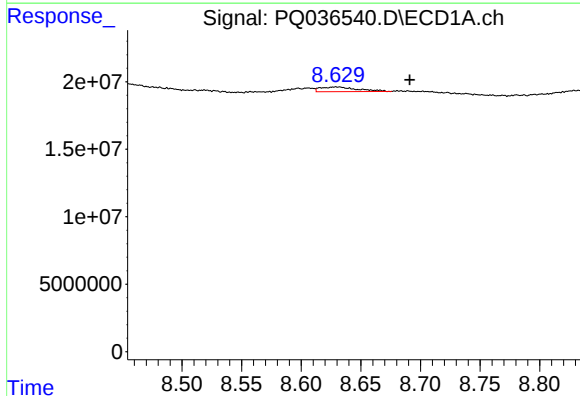
R.T.: 8.629 min  
Delta R.T.: 0.005 min  
Response: 7574314  
Conc: 81.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



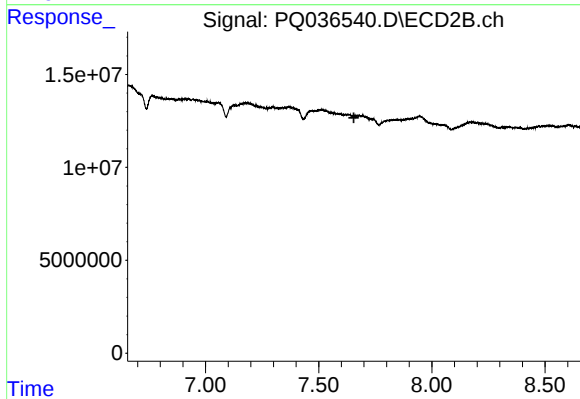
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.589 min  
Response: 0  
Conc: N.D.



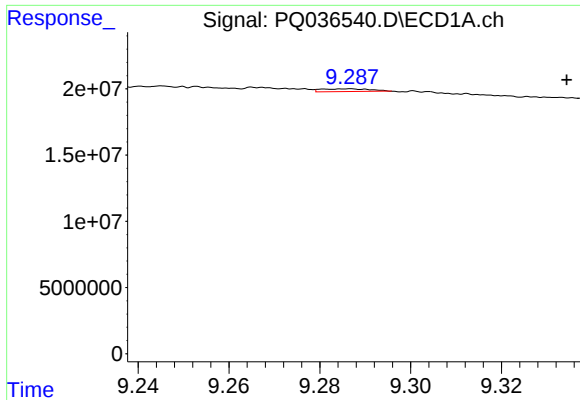
#39 AR-1262-4

R.T.: 8.629 min  
Delta R.T.: -0.062 min  
Response: 7574314  
Conc: 36.52 ng/ml



#39 AR-1262-4

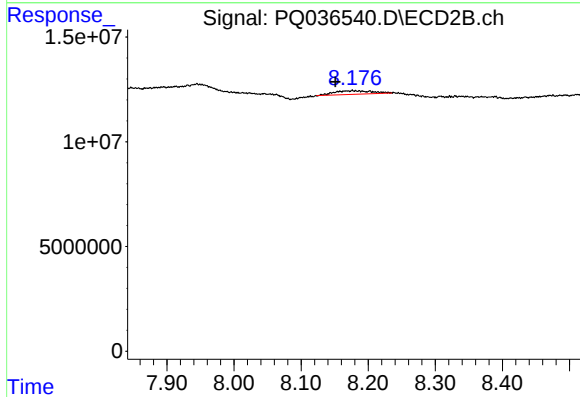
R.T.: 0.000 min  
Exp R.T. : 7.656 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

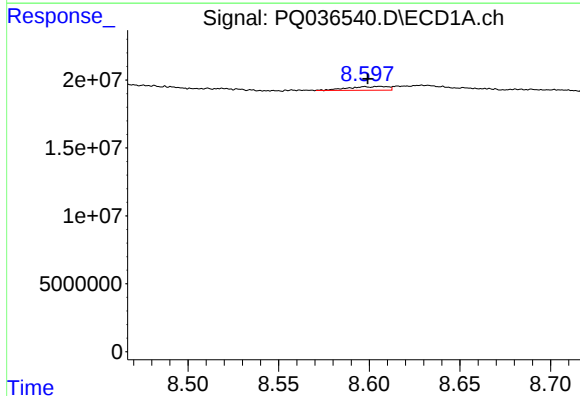
R.T.: 9.286 min  
Delta R.T.: -0.048 min  
Response: 1879594  
Conc: 12.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



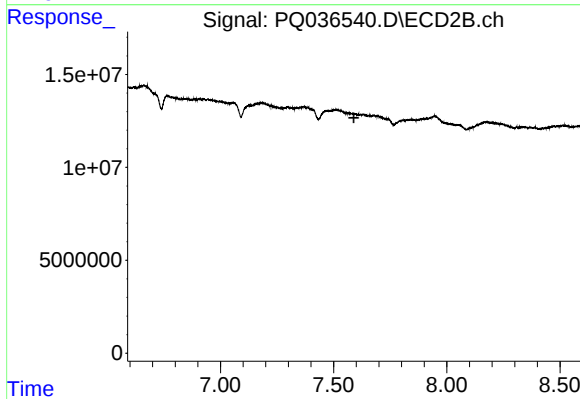
#40 AR-1262-5

R.T.: 8.177 min  
Delta R.T.: 0.026 min  
Response: 6745506  
Conc: 76.71 ng/ml



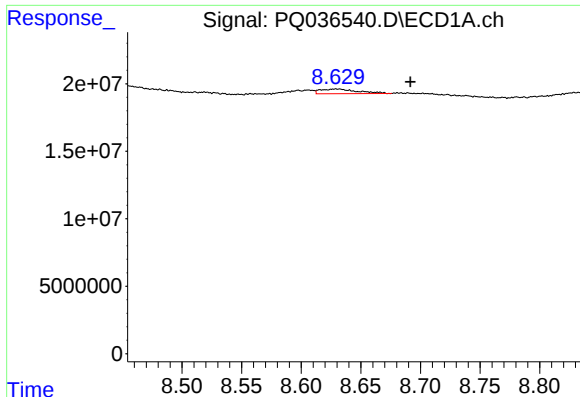
#41 AR-1268-1

R.T.: 8.606 min  
Delta R.T.: 0.007 min  
Response: 4227427  
Conc: 8.32 ng/ml



#41 AR-1268-1

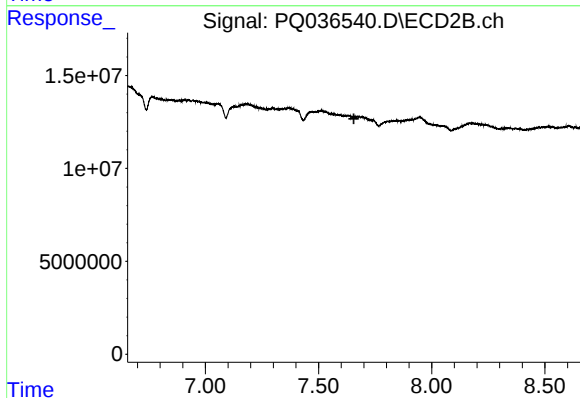
R.T.: 0.000 min  
Exp R.T.: 7.590 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

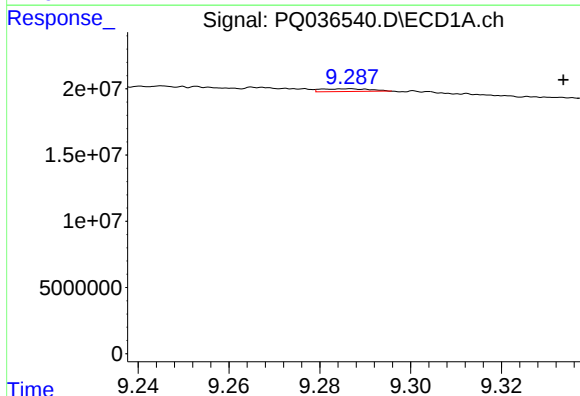
R.T.: 8.629 min  
Delta R.T.: -0.062 min  
Response: 7574314  
Conc: 15.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
A0C2-04G-(0-6)



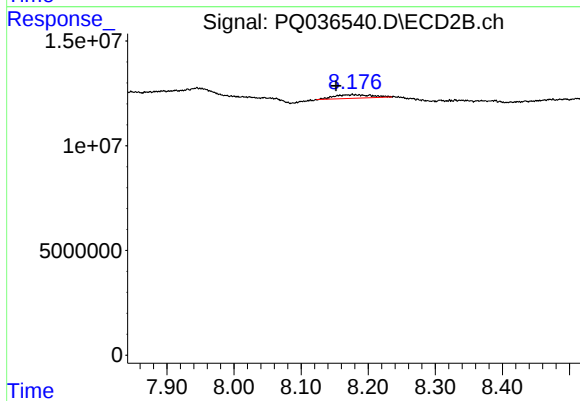
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.656 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 9.286 min  
Delta R.T.: -0.047 min  
Response: 1879594  
Conc: 11.45 ng/ml



#44 AR-1268-4

R.T.: 8.177 min  
Delta R.T.: 0.025 min  
Response: 6745506  
Conc: 67.84 ng/ml