

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ020520\  
 Data File : PQ046351.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Feb 2020 08:42  
 Operator : AJ\MA  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 17:07:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ020520.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Feb 05 15:38:19 2020  
 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... | 5.218  | 4.360 | 105.9E6 | 51249090 | 15.445 | 15.076   |
| 2)                          | SA Decachlor... | 11.358 | 9.783 | 104.6E6 | 91311344 | 16.317 | 15.096   |
| Target Compounds            |                 |        |       |         |          |        |          |
| 3)                          | L1 AR-1016-1    | 6.456  | 5.678 | 922193  | 443384   | 3.481  | 3.572    |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.678 | 0       | 443384   | N.D.   | 2.226 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.151 | 0       | 583515   | N.D.   | 5.370 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.555 | 0       | 379351   | N.D.   | 10.940 # |
| 9)                          | L2 AR-1221-2    | 5.570  | 4.725 | 1744991 | 1142442  | 29.952 | 43.624 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.816 | 0       | 267399   | N.D.   | 3.029 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.816 | 0       | 267399   | N.D.   | 4.346 #  |
| 12)                         | L3 AR-1232-2    | 6.222  | 5.678 | 919867  | 443384   | 12.649 | 6.339 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 6.151 | 0       | 583515   | N.D.   | 17.029 # |
| 16)                         | L4 AR-1242-1    | 6.456  | 5.678 | 922193  | 443384   | 5.299  | 5.575    |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.678 | 0       | 443384   | N.D.   | 3.267 #  |
| 20)                         | L4 AR-1242-5    | 7.442  | 6.552 | 684609  | 954744   | 4.346  | 10.644 # |
| 21)                         | L5 AR-1248-1    | 6.456  | 5.678 | 922193  | 443384   | 6.124  | 6.418    |
| 24)                         | L5 AR-1248-4    | 7.442  | 6.151 | 684609  | 583515   | 2.523  | 4.517 #  |
| 25)                         | L5 AR-1248-5    | 7.442  | 6.552 | 684609  | 954744   | 2.508  | 7.297 #  |
| 26)                         | L6 AR-1254-1    | 7.442  | 6.552 | 684609  | 954744   | 2.492  | 4.640 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.681 | 0       | 366860   | N.D.   | 1.982 #  |
| 28)                         | L6 AR-1254-3    | 8.063  | 7.125 | 1149182 | 772728   | 2.563  | 2.425    |
| 29)                         | L6 AR-1254-4    | 8.299  | 7.386 | 98090   | 1012306  | 0.299  | 5.228 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 7.832 | 0       | 691513   | N.D.   | 2.325 #  |
| 31)                         | L7 AR-1260-1    | 8.162  | 7.218 | 1010311 | 1234159  | 2.802  | 5.230 #  |
| 32)                         | L7 AR-1260-2    | 8.445  | 7.386 | 1479699 | 1012306  | 3.554  | 3.472    |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.608 | 0       | 2261246  | N.D.   | 7.967 #  |
| 35)                         | L7 AR-1260-5    | 9.399  | 8.316 | 579473  | 776450   | 0.881  | 1.254 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.832 | 0       | 691513   | N.D.   | 4.127 #  |
| 37)                         | L8 AR-1262-2    | 9.399  | 8.316 | 579473  | 776450   | 0.796  | 1.160 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.615 | 0       | 3895721  | N.D.   | 14.544 # |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.615 | 0       | 3895721  | N.D.   | 7.398 #  |
| 40)                         | L8 AR-1262-5    | 10.492 | 9.191 | 1213545 | 2150178  | 4.376  | 9.136 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.615 | 0       | 3895721  | N.D.   | 4.953 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.615 | 0       | 3895721  | N.D.   | 4.989 #  |
| 43)                         | L9 AR-1268-3    | 10.095 | 8.891 | 931191  | 1671825  | 1.397  | 2.635 #  |
| 44)                         | L9 AR-1268-4    | 10.492 | 9.191 | 1213545 | 2150178  | 3.930  | 7.725 #  |
| 45)                         | L9 AR-1268-5    | 10.998 | 9.507 | 1193504 | 1436586  | 0.549  | 0.672    |
| -----                       |                 |        |       |         |          |        |          |

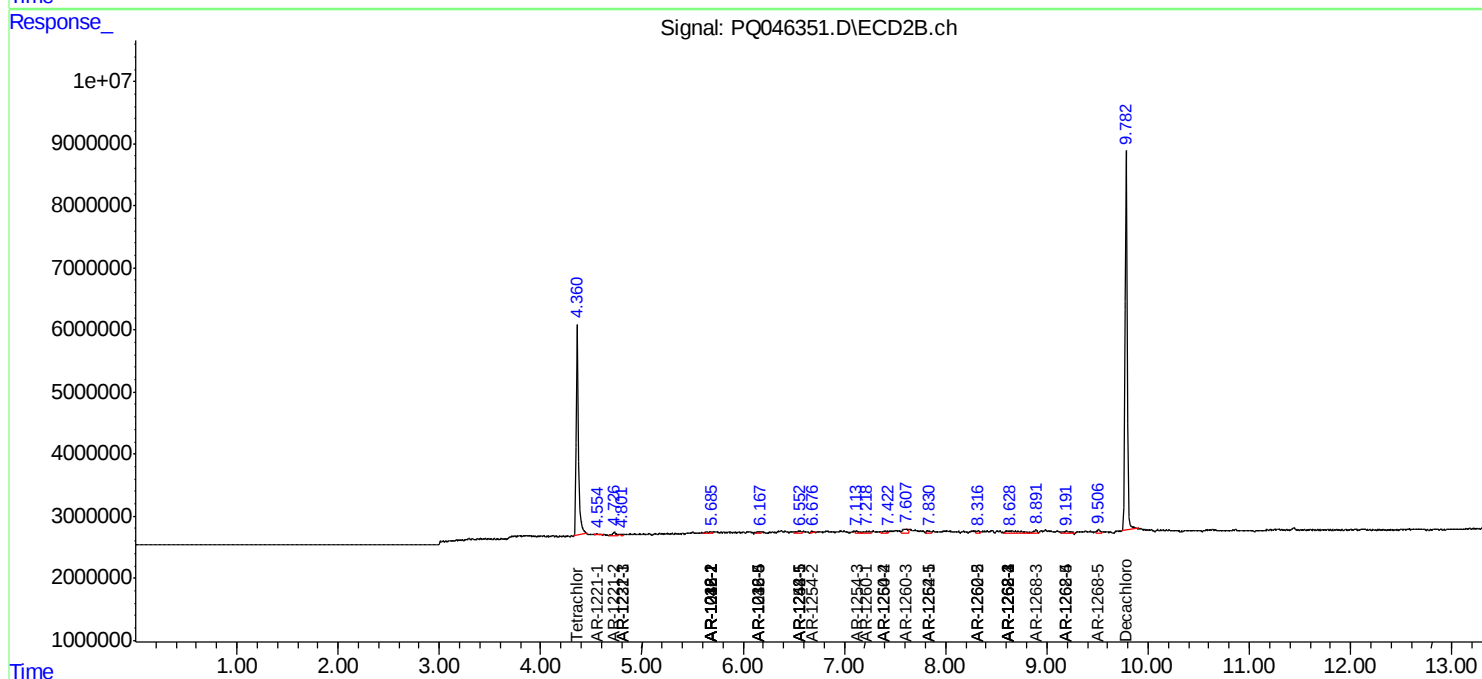
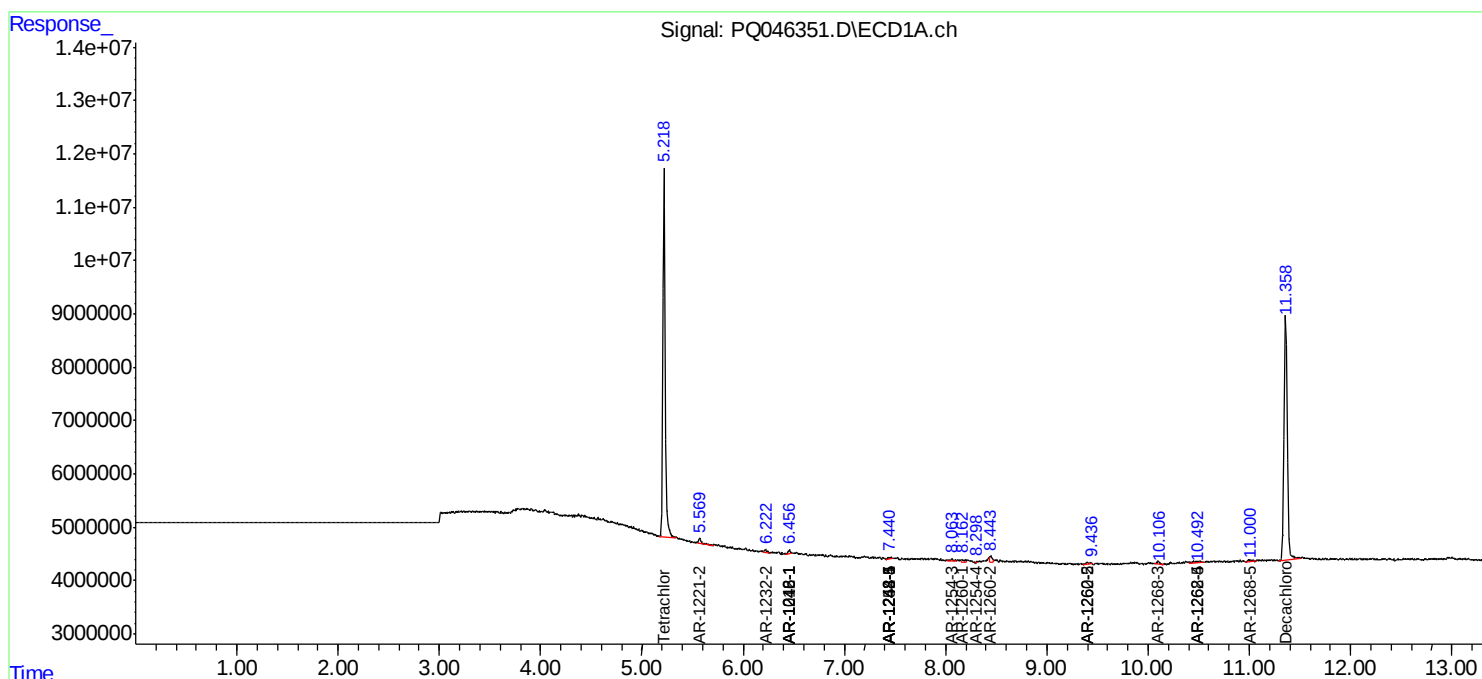
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

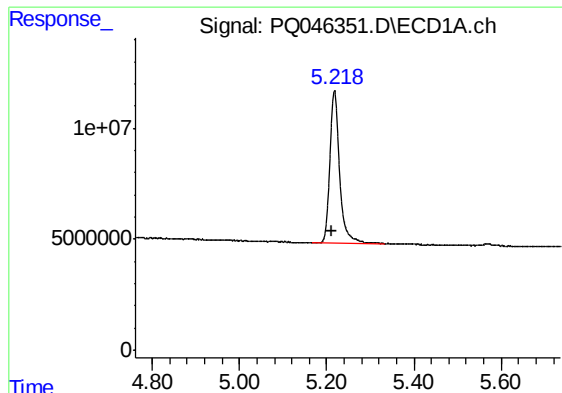
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ020520\  
Data File : PQ046351.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Feb 2020 08:42  
Operator : AJ\MA  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 17:07:33 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ020520.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Feb 05 15:38:19 2020  
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

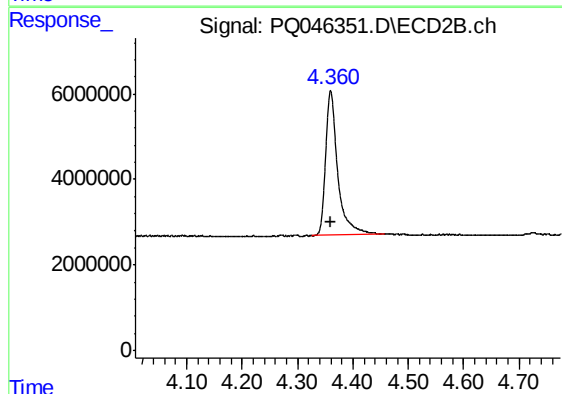




#1 Tetrachloro-m-xylene

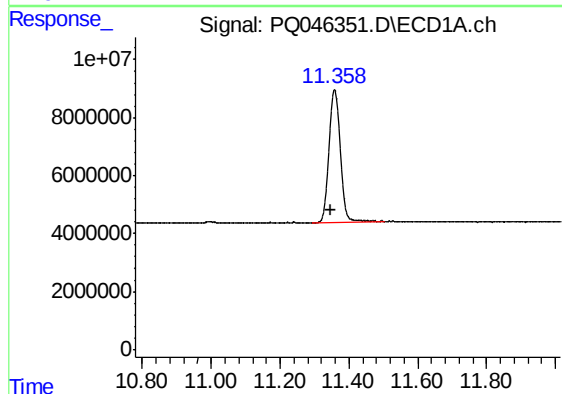
R.T.: 5.218 min  
Delta R.T.: 0.007 min  
Response: 105901561  
Conc: 15.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



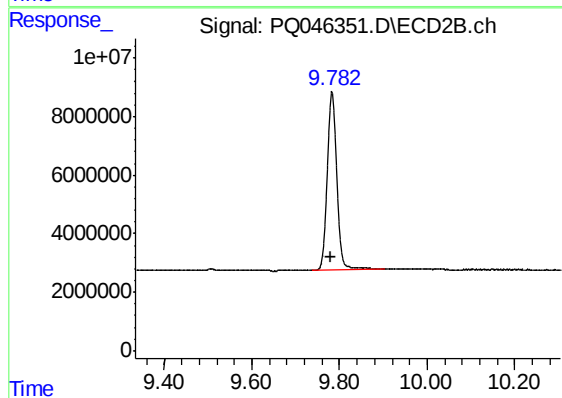
#1 Tetrachloro-m-xylene

R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 51249090  
Conc: 15.08 ng/ml



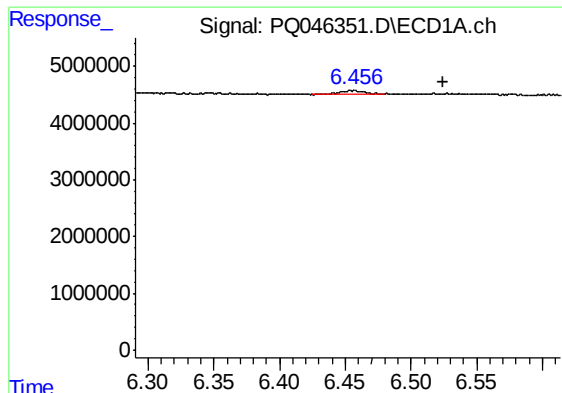
#2 Decachlorobiphenyl

R.T.: 11.358 min  
Delta R.T.: 0.011 min  
Response: 104596051  
Conc: 16.32 ng/ml



#2 Decachlorobiphenyl

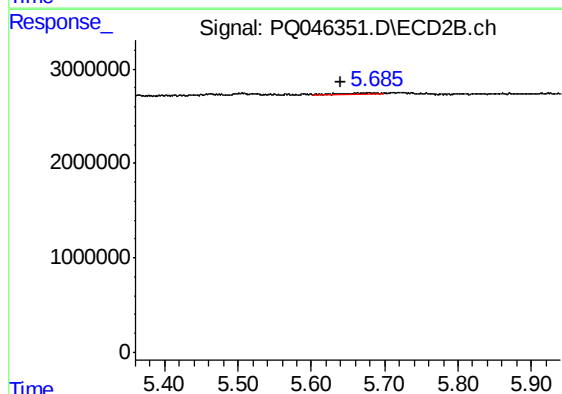
R.T.: 9.783 min  
Delta R.T.: 0.005 min  
Response: 91311344  
Conc: 15.10 ng/ml



#3 AR-1016-1

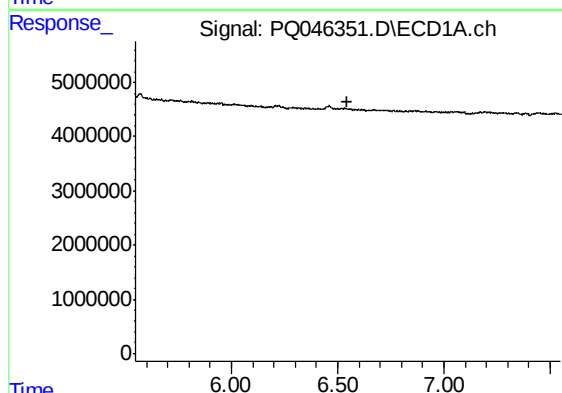
R.T.: 6.456 min  
Delta R.T.: -0.068 min  
Response: 922193  
Conc: 3.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



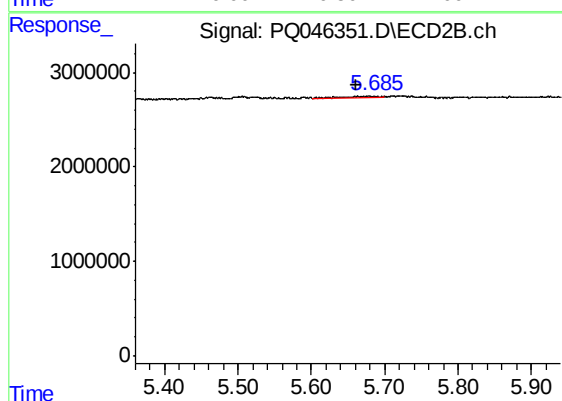
#3 AR-1016-1

R.T.: 5.678 min  
Delta R.T.: 0.037 min  
Response: 443384  
Conc: 3.57 ng/ml



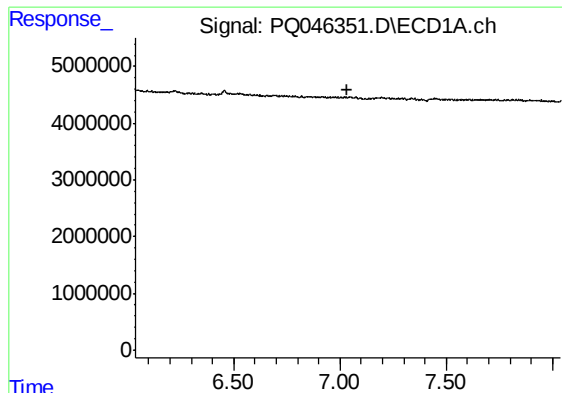
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 6.548 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

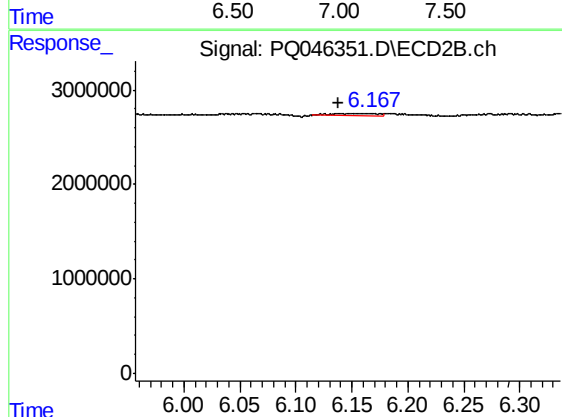
R.T.: 5.678 min  
Delta R.T.: 0.018 min  
Response: 443384  
Conc: 2.23 ng/ml



#7 AR-1016-5

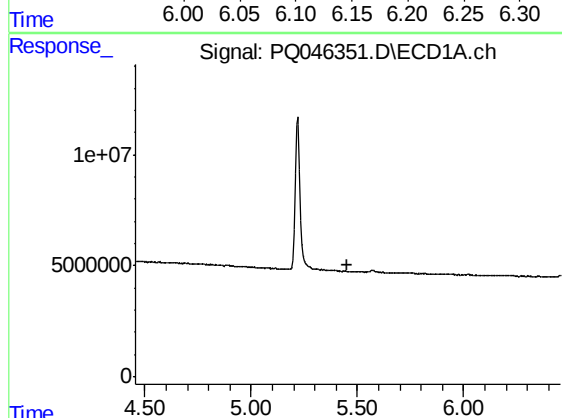
R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



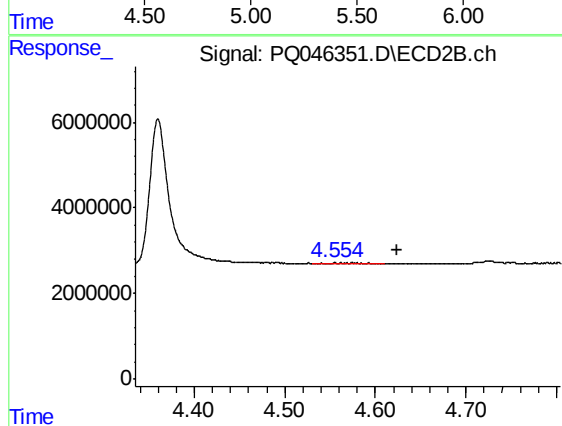
#7 AR-1016-5

R.T.: 6.151 min  
Delta R.T.: 0.012 min  
Response: 583515  
Conc: 5.37 ng/ml



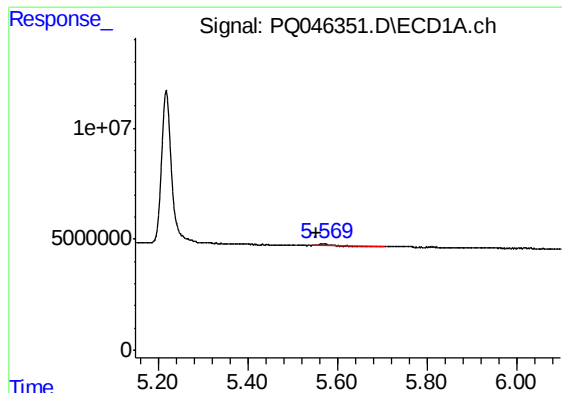
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 5.455 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

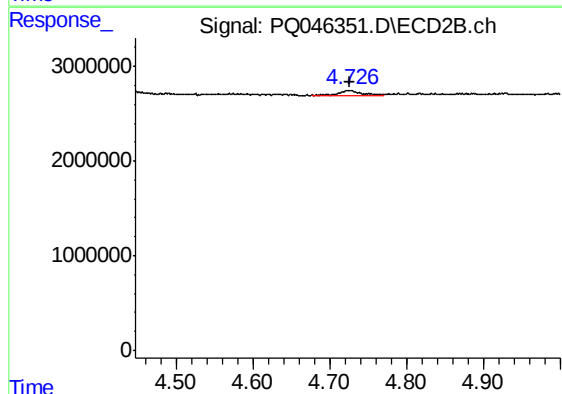
R.T.: 4.555 min  
Delta R.T.: -0.069 min  
Response: 379351  
Conc: 10.94 ng/ml



#9 AR-1221-2

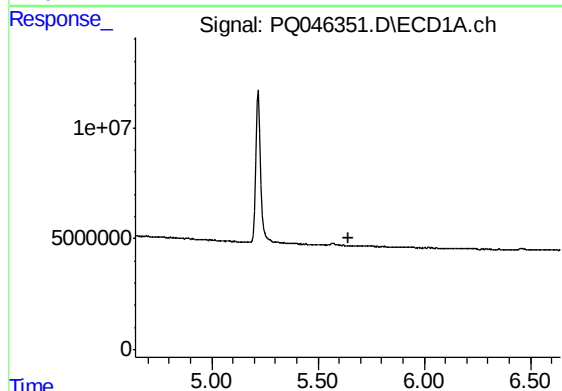
R.T.: 5.570 min  
Delta R.T.: 0.016 min  
Response: 1744991  
Conc: 29.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



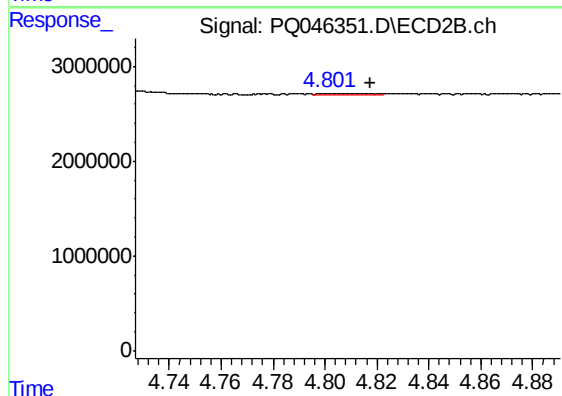
#9 AR-1221-2

R.T.: 4.725 min  
Delta R.T.: -0.001 min  
Response: 1142442  
Conc: 43.62 ng/ml



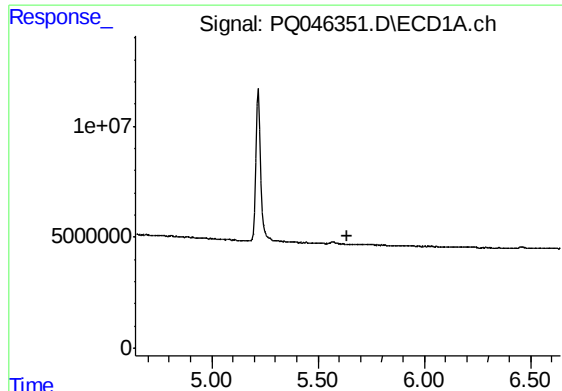
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.641 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

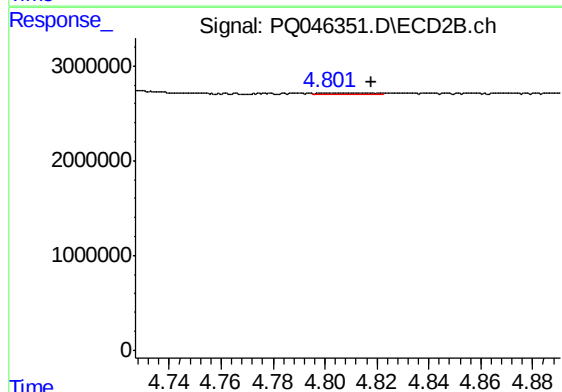
R.T.: 4.816 min  
Delta R.T.: -0.002 min  
Response: 267399  
Conc: 3.03 ng/ml



#11 AR-1232-1

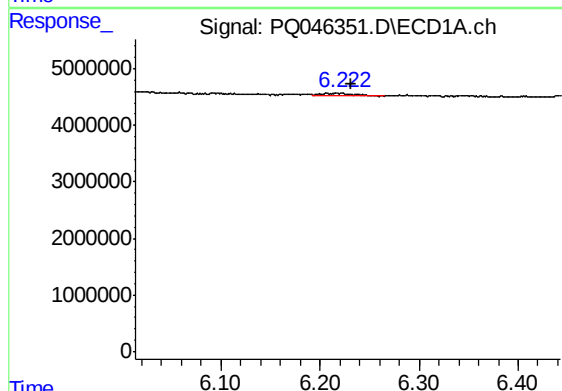
R.T.: 0.000 min  
Exp R.T.: 5.640 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



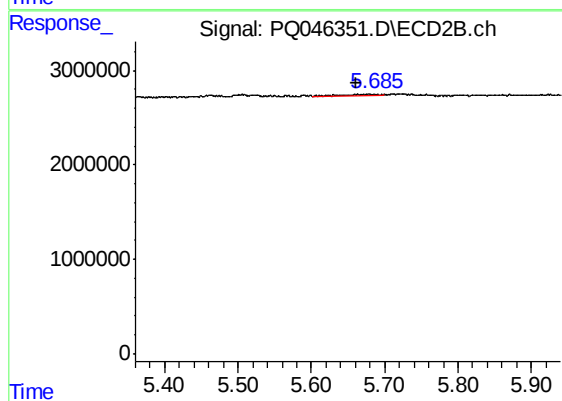
#11 AR-1232-1

R.T.: 4.816 min  
Delta R.T.: -0.002 min  
Response: 267399  
Conc: 4.35 ng/ml



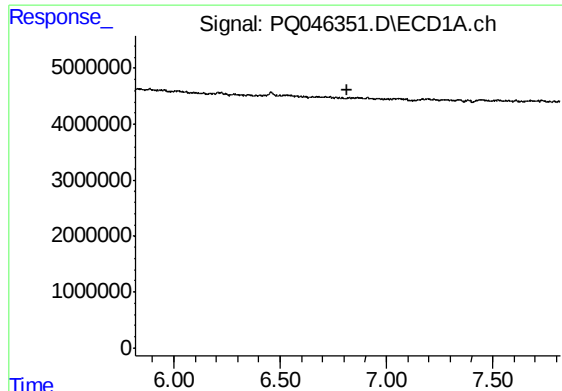
#12 AR-1232-2

R.T.: 6.222 min  
Delta R.T.: -0.009 min  
Response: 919867  
Conc: 12.65 ng/ml



#12 AR-1232-2

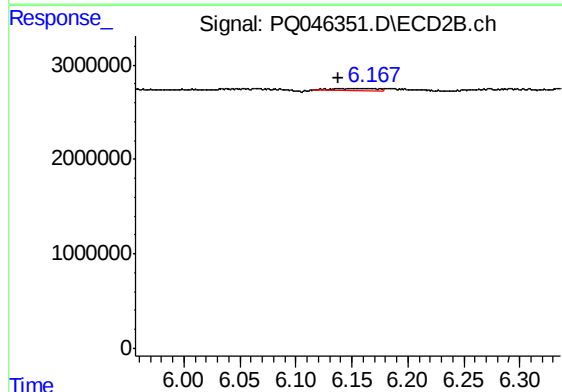
R.T.: 5.678 min  
Delta R.T.: 0.017 min  
Response: 443384  
Conc: 6.34 ng/ml



#15 AR-1232-5

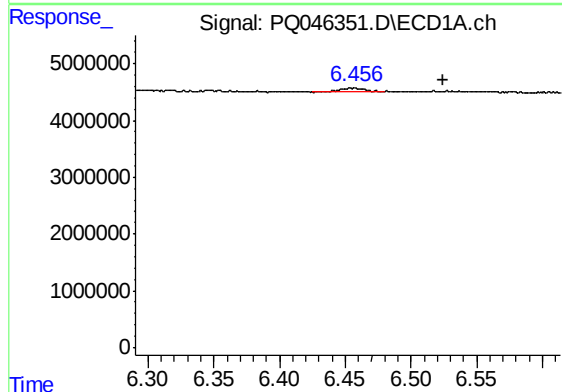
R.T.: 0.000 min  
Exp R.T.: 6.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



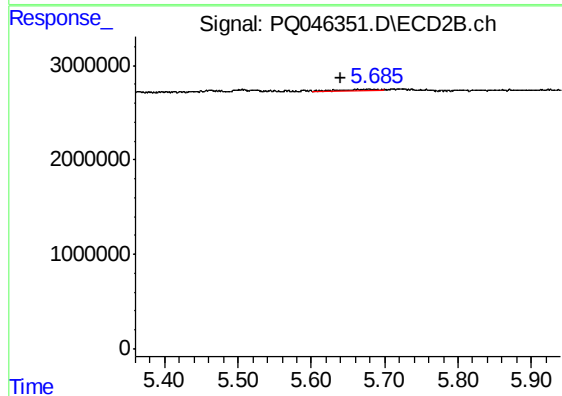
#15 AR-1232-5

R.T.: 6.151 min  
Delta R.T.: 0.013 min  
Response: 583515  
Conc: 17.03 ng/ml



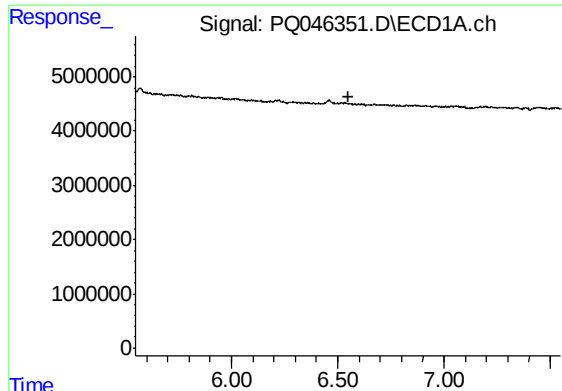
#16 AR-1242-1

R.T.: 6.456 min  
Delta R.T.: -0.069 min  
Response: 922193  
Conc: 5.30 ng/ml



#16 AR-1242-1

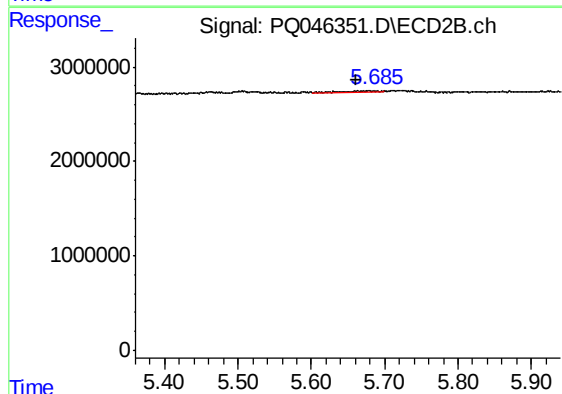
R.T.: 5.678 min  
Delta R.T.: 0.037 min  
Response: 443384  
Conc: 5.58 ng/ml



#17 AR-1242-2

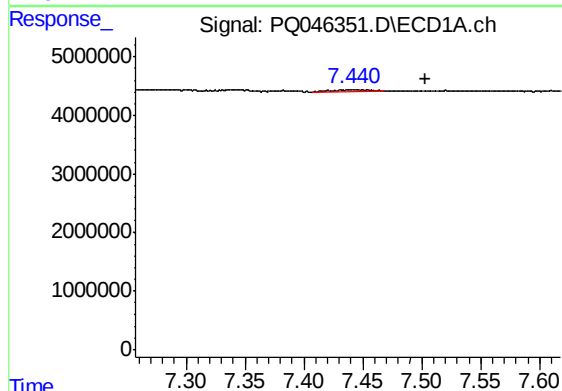
R.T.: 0.000 min  
Exp R.T.: 6.548 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



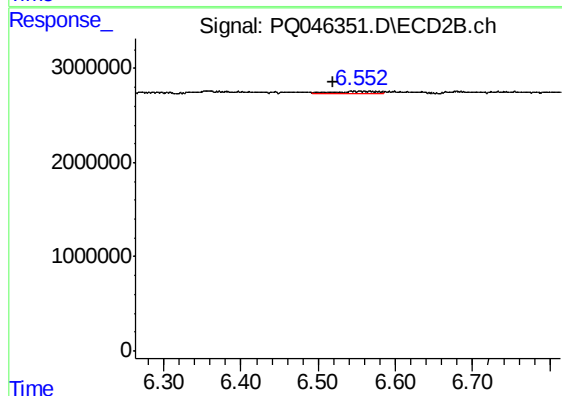
#17 AR-1242-2

R.T.: 5.678 min  
Delta R.T.: 0.017 min  
Response: 443384  
Conc: 3.27 ng/ml



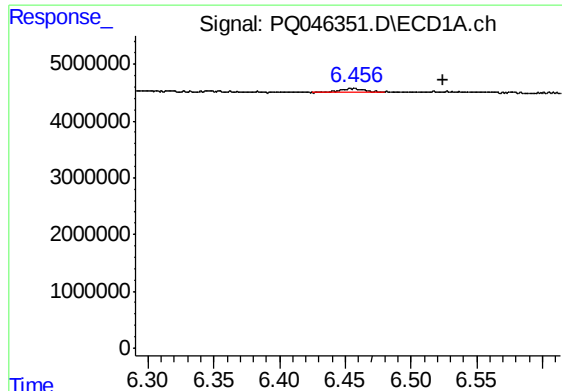
#20 AR-1242-5

R.T.: 7.442 min  
Delta R.T.: -0.061 min  
Response: 684609  
Conc: 4.35 ng/ml



#20 AR-1242-5

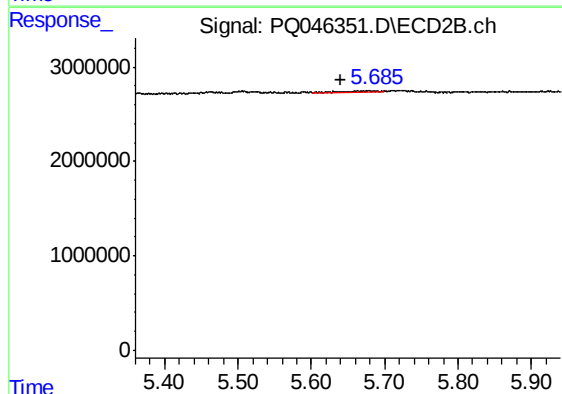
R.T.: 6.552 min  
Delta R.T.: 0.033 min  
Response: 954744  
Conc: 10.64 ng/ml



#21 AR-1248-1

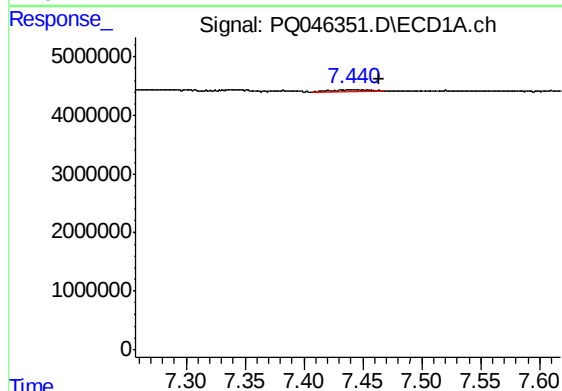
R.T.: 6.456 min  
Delta R.T.: -0.069 min  
Response: 922193  
Conc: 6.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



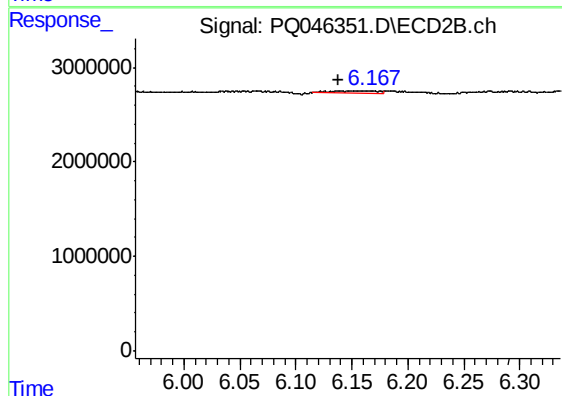
#21 AR-1248-1

R.T.: 5.678 min  
Delta R.T.: 0.038 min  
Response: 443384  
Conc: 6.42 ng/ml



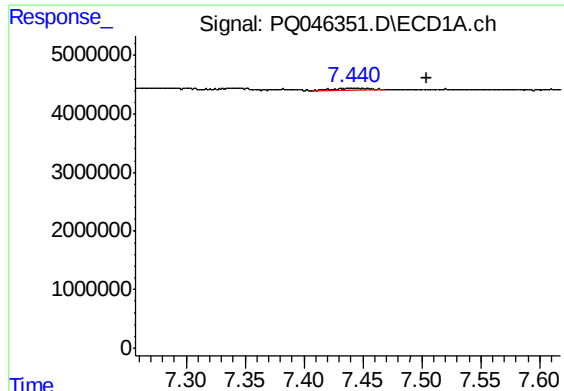
#24 AR-1248-4

R.T.: 7.442 min  
Delta R.T.: -0.022 min  
Response: 684609  
Conc: 2.52 ng/ml



#24 AR-1248-4

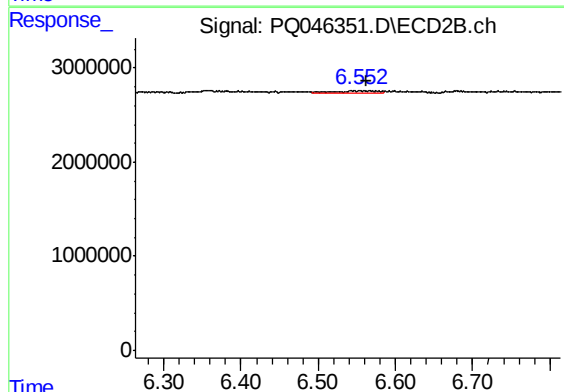
R.T.: 6.151 min  
Delta R.T.: 0.013 min  
Response: 583515  
Conc: 4.52 ng/ml



#25 AR-1248-5

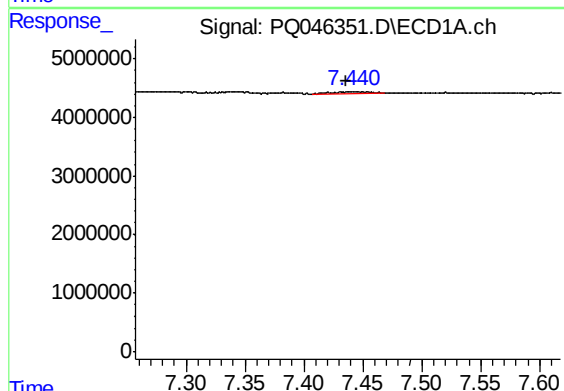
R.T.: 7.442 min  
Delta R.T.: -0.062 min  
Response: 684609  
Conc: 2.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



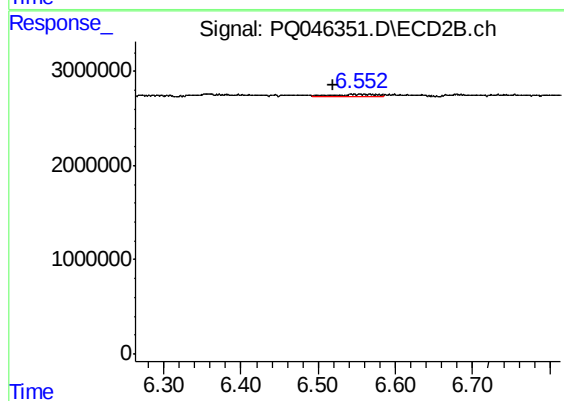
#25 AR-1248-5

R.T.: 6.552 min  
Delta R.T.: -0.012 min  
Response: 954744  
Conc: 7.30 ng/ml



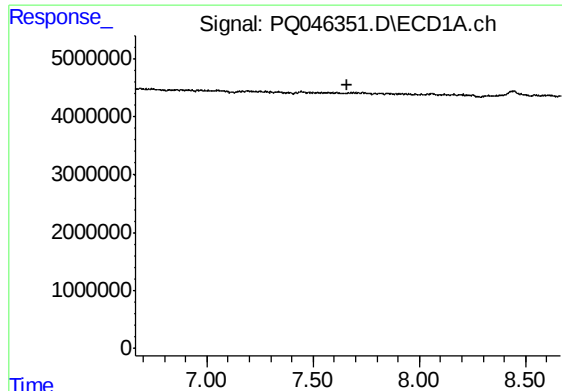
#26 AR-1254-1

R.T.: 7.442 min  
Delta R.T.: 0.006 min  
Response: 684609  
Conc: 2.49 ng/ml



#26 AR-1254-1

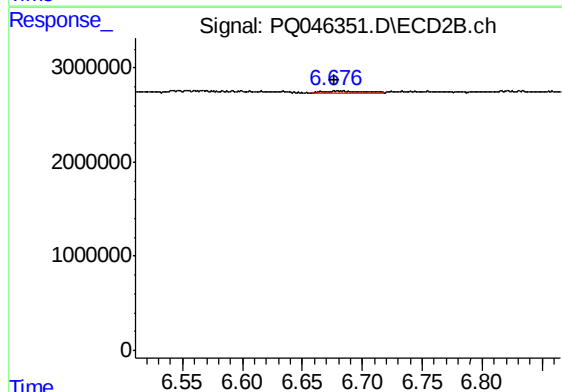
R.T.: 6.552 min  
Delta R.T.: 0.032 min  
Response: 954744  
Conc: 4.64 ng/ml



#27 AR-1254-2

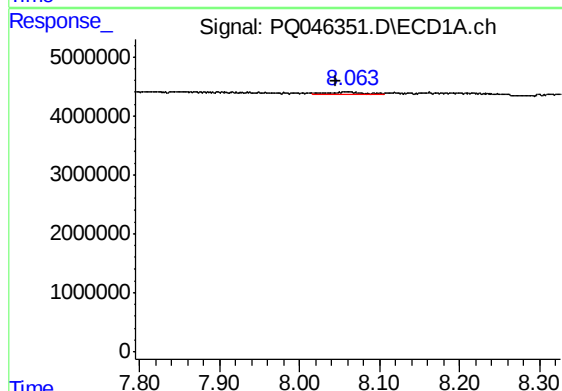
R.T.: 0.000 min  
Exp R.T.: 7.664 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



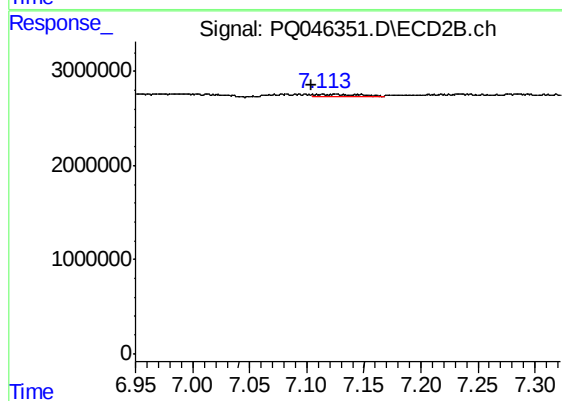
#27 AR-1254-2

R.T.: 6.681 min  
Delta R.T.: 0.004 min  
Response: 366860  
Conc: 1.98 ng/ml



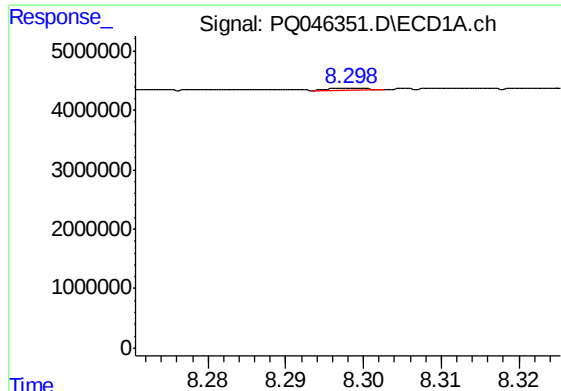
#28 AR-1254-3

R.T.: 8.063 min  
Delta R.T.: 0.017 min  
Response: 1149182  
Conc: 2.56 ng/ml



#28 AR-1254-3

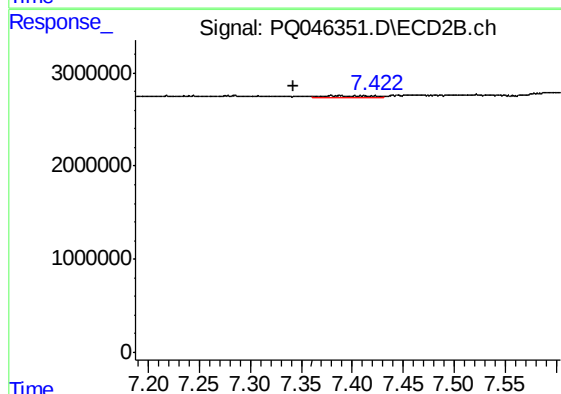
R.T.: 7.125 min  
Delta R.T.: 0.021 min  
Response: 772728  
Conc: 2.43 ng/ml



#29 AR-1254-4

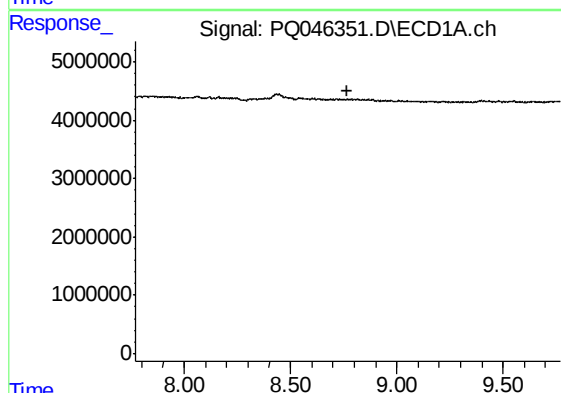
R.T.: 8.299 min  
Delta R.T.: -0.042 min  
Response: 98090  
Conc: 0.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



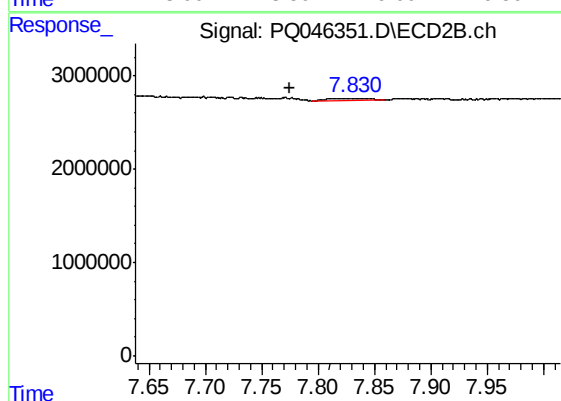
#29 AR-1254-4

R.T.: 7.386 min  
Delta R.T.: 0.044 min  
Response: 1012306  
Conc: 5.23 ng/ml



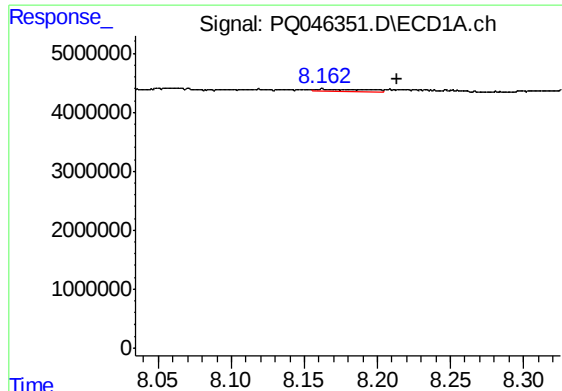
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 8.770 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

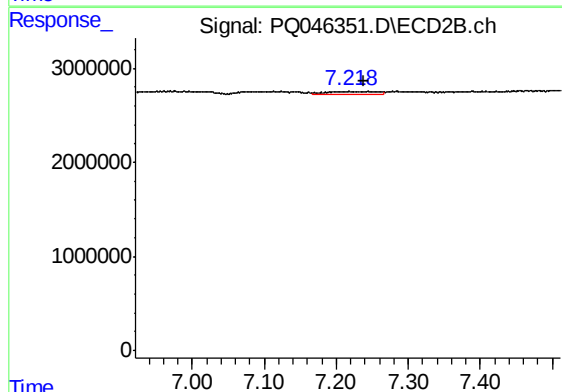
R.T.: 7.832 min  
Delta R.T.: 0.058 min  
Response: 691513  
Conc: 2.32 ng/ml



#31 AR-1260-1

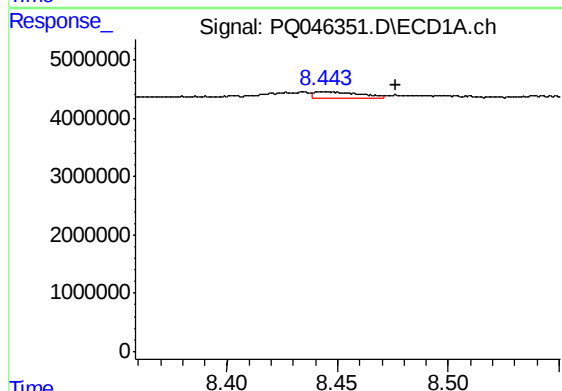
R.T.: 8.162 min  
Delta R.T.: -0.051 min  
Response: 1010311  
Conc: 2.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



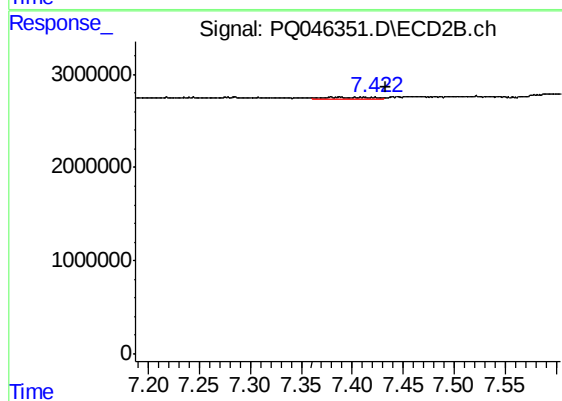
#31 AR-1260-1

R.T.: 7.218 min  
Delta R.T.: -0.021 min  
Response: 1234159  
Conc: 5.23 ng/ml



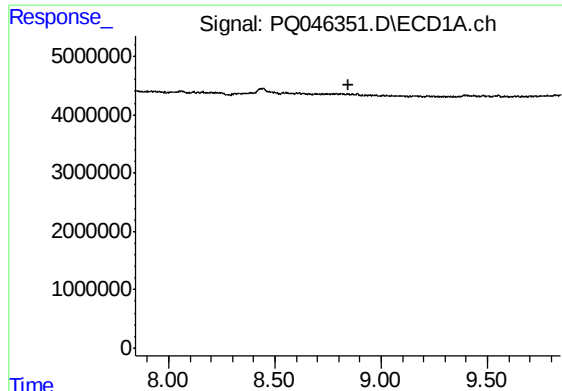
#32 AR-1260-2

R.T.: 8.445 min  
Delta R.T.: -0.032 min  
Response: 1479699  
Conc: 3.55 ng/ml



#32 AR-1260-2

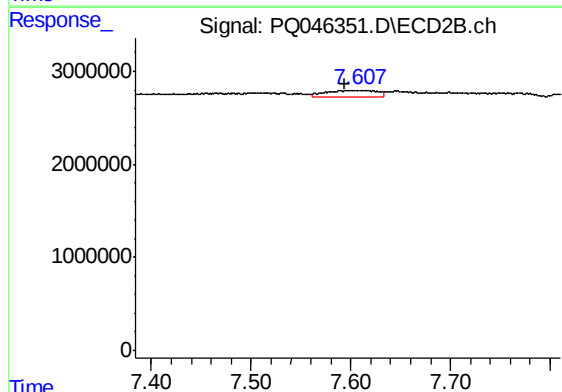
R.T.: 7.386 min  
Delta R.T.: -0.047 min  
Response: 1012306  
Conc: 3.47 ng/ml



#33 AR-1260-3

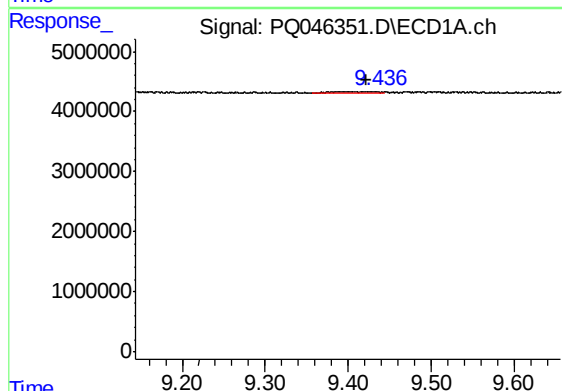
R.T.: 0.000 min  
Exp R.T.: 8.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



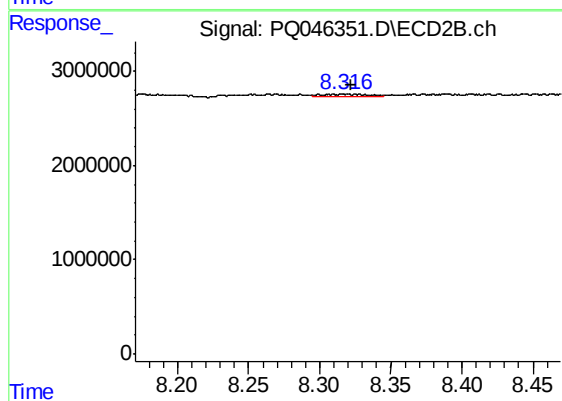
#33 AR-1260-3

R.T.: 7.608 min  
Delta R.T.: 0.015 min  
Response: 2261246  
Conc: 7.97 ng/ml



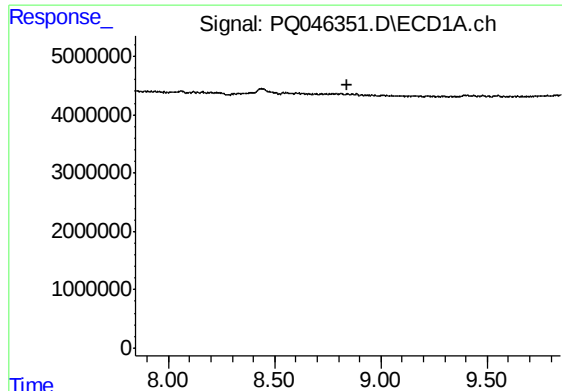
#35 AR-1260-5

R.T.: 9.399 min  
Delta R.T.: -0.024 min  
Response: 579473  
Conc: 0.88 ng/ml



#35 AR-1260-5

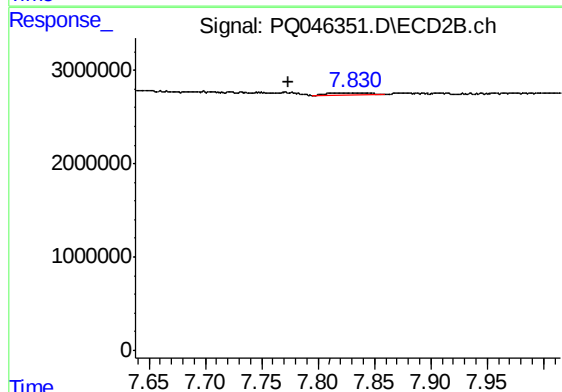
R.T.: 8.316 min  
Delta R.T.: -0.006 min  
Response: 776450  
Conc: 1.25 ng/ml



#36 AR-1262-1

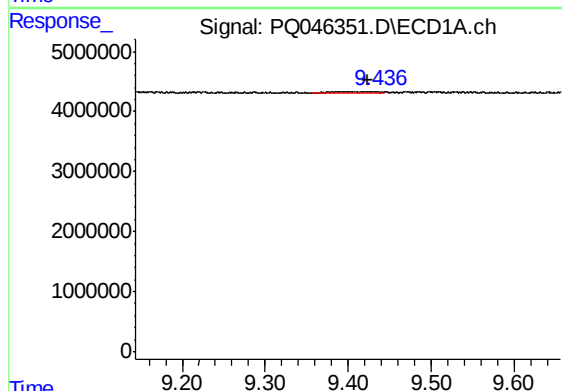
R.T.: 0.000 min  
Exp R.T.: 8.845 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



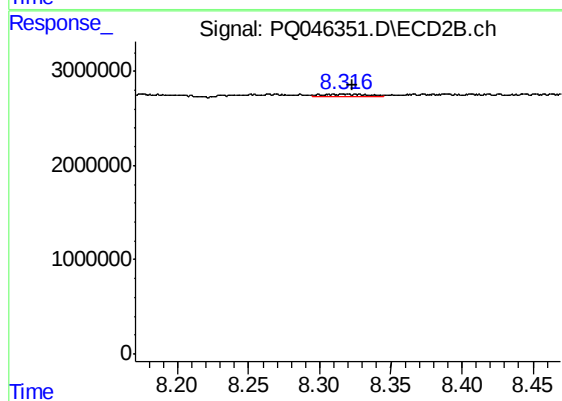
#36 AR-1262-1

R.T.: 7.832 min  
Delta R.T.: 0.059 min  
Response: 691513  
Conc: 4.13 ng/ml



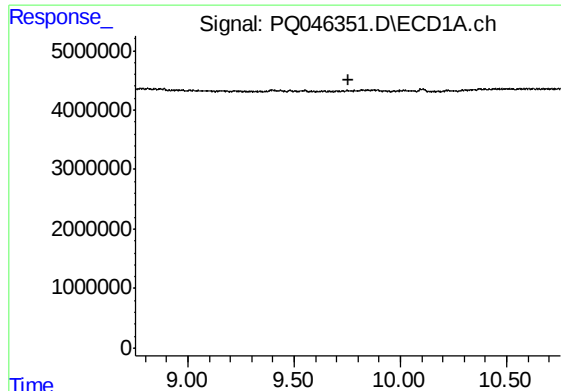
#37 AR-1262-2

R.T.: 9.399 min  
Delta R.T.: -0.024 min  
Response: 579473  
Conc: 0.80 ng/ml



#37 AR-1262-2

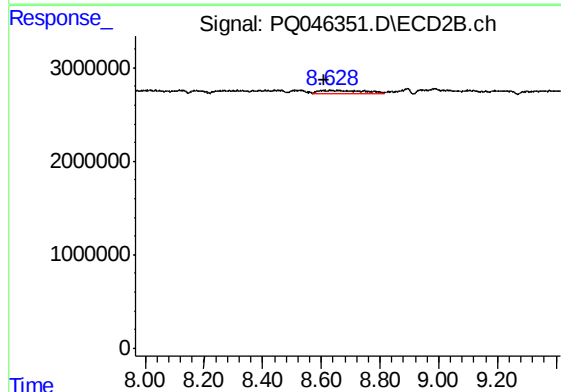
R.T.: 8.316 min  
Delta R.T.: -0.007 min  
Response: 776450  
Conc: 1.16 ng/ml



#38 AR-1262-3

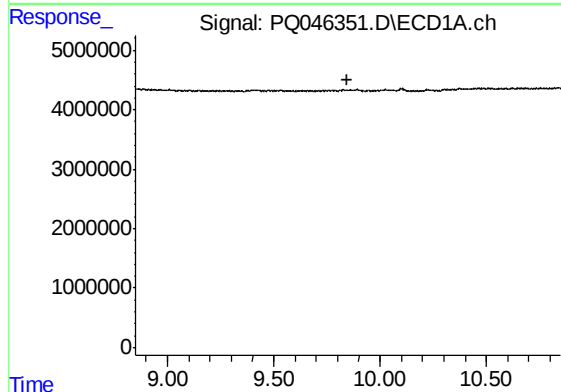
R.T.: 0.000 min  
Exp R.T. : 9.754 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



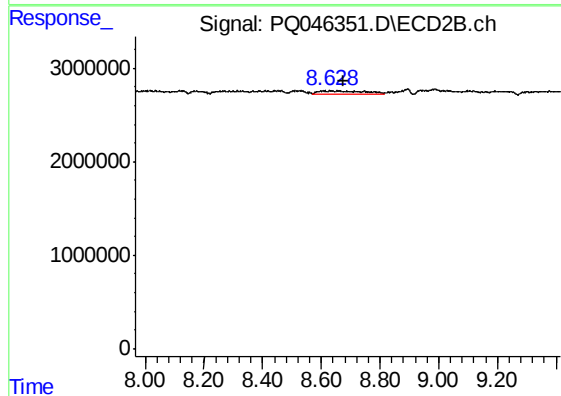
#38 AR-1262-3

R.T.: 8.615 min  
Delta R.T.: 0.003 min  
Response: 3895721  
Conc: 14.54 ng/ml



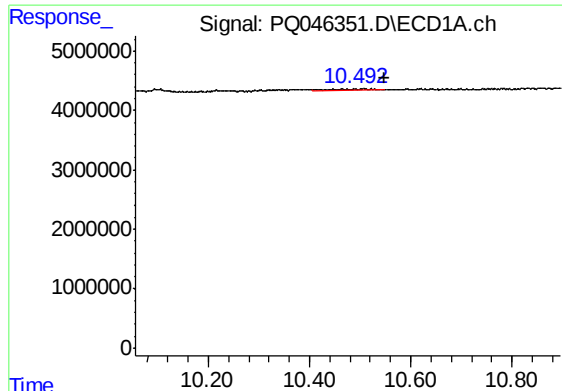
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.849 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

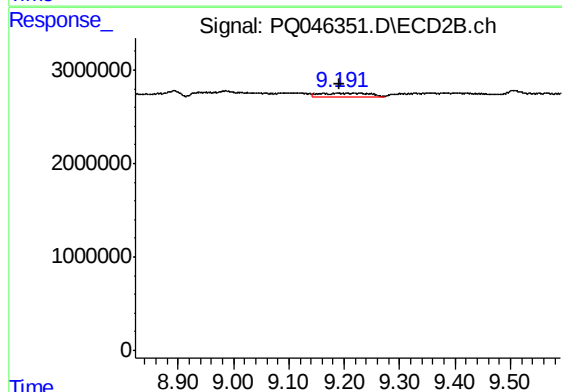
R.T.: 8.615 min  
Delta R.T.: -0.063 min  
Response: 3895721  
Conc: 7.40 ng/ml



#40 AR-1262-5

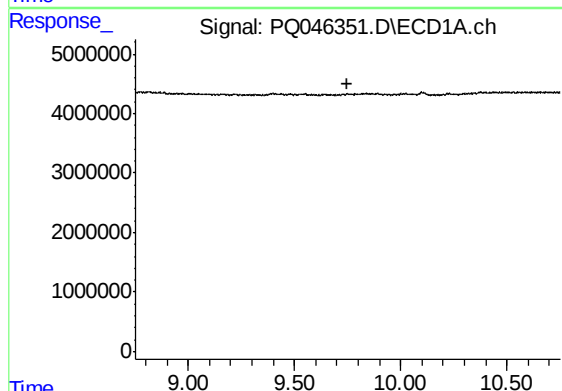
R.T.: 10.492 min  
Delta R.T.: -0.056 min  
Response: 1213545  
Conc: 4.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



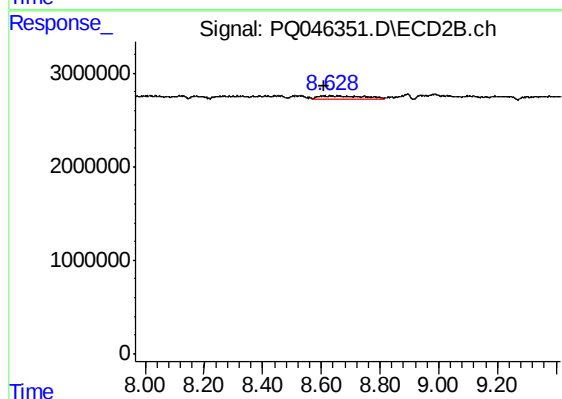
#40 AR-1262-5

R.T.: 9.191 min  
Delta R.T.: -0.001 min  
Response: 2150178  
Conc: 9.14 ng/ml



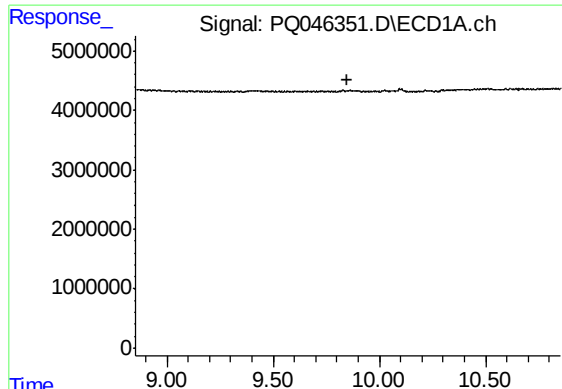
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.752 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

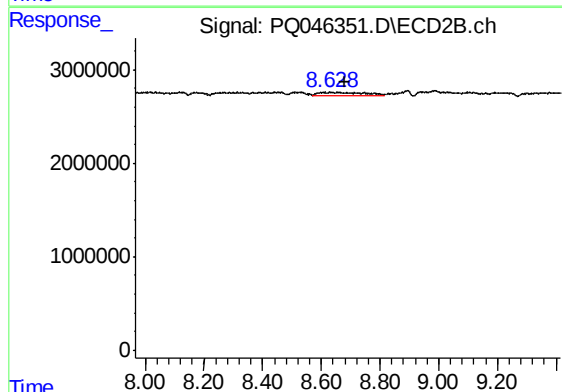
R.T.: 8.615 min  
Delta R.T.: 0.003 min  
Response: 3895721  
Conc: 4.95 ng/ml



#42 AR-1268-2

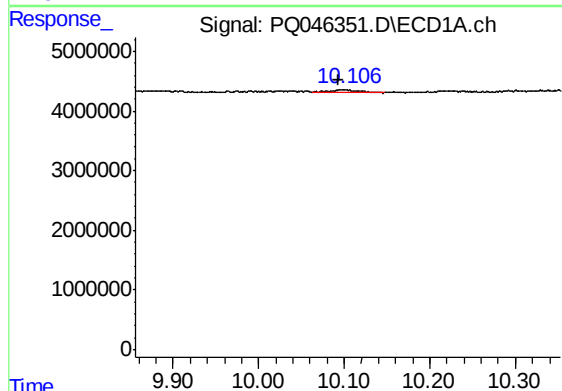
R.T.: 0.000 min  
Exp R.T. : 9.852 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



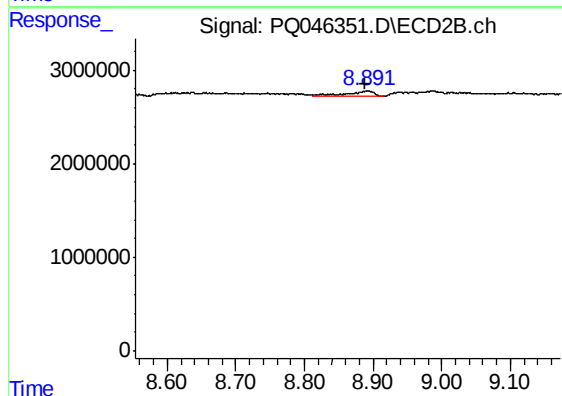
#42 AR-1268-2

R.T.: 8.615 min  
Delta R.T.: -0.063 min  
Response: 3895721  
Conc: 4.99 ng/ml



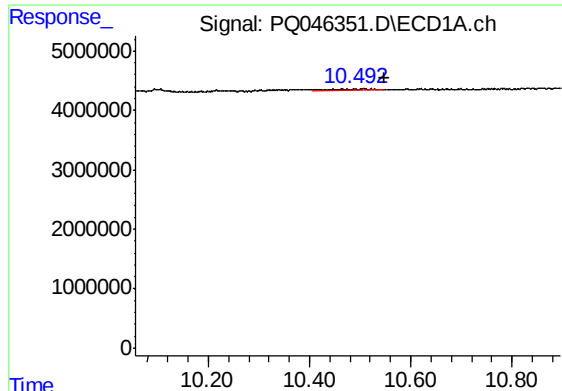
#43 AR-1268-3

R.T.: 10.095 min  
Delta R.T.: 0.000 min  
Response: 931191  
Conc: 1.40 ng/ml



#43 AR-1268-3

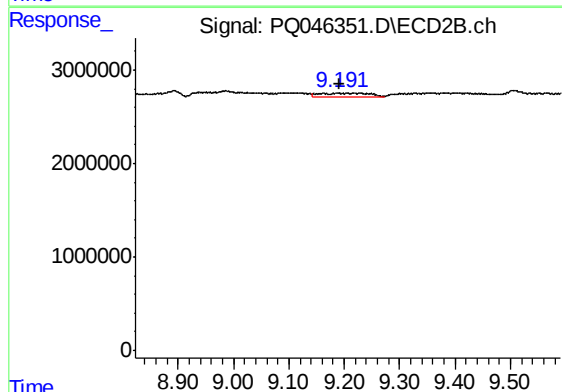
R.T.: 8.891 min  
Delta R.T.: 0.002 min  
Response: 1671825  
Conc: 2.64 ng/ml



#44 AR-1268-4

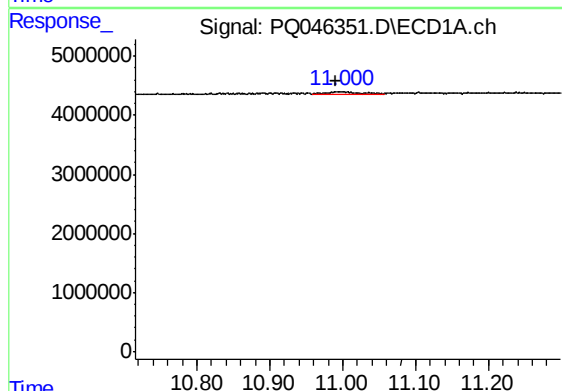
R.T.: 10.492 min  
Delta R.T.: -0.056 min  
Response: 1213545  
Conc: 3.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



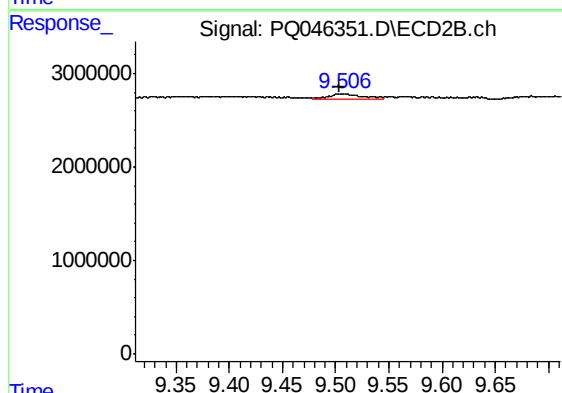
#44 AR-1268-4

R.T.: 9.191 min  
Delta R.T.: -0.001 min  
Response: 2150178  
Conc: 7.72 ng/ml



#45 AR-1268-5

R.T.: 10.998 min  
Delta R.T.: 0.008 min  
Response: 1193504  
Conc: 0.55 ng/ml



#45 AR-1268-5

R.T.: 9.507 min  
Delta R.T.: 0.003 min  
Response: 1436586  
Conc: 0.67 ng/ml