

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ040319\  
 Data File : PQ038654.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Apr 2019 21:09  
 Operator : AJ\SJ  
 Sample : PB118545BL  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 04 03:38:36 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ040319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 04 03:26:03 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... | 4.709  | 3.985 | 168.4E6 | 88484957 | 22.766 | 21.593   |
| 2)                          | SA Decachlor... | 10.652 | 9.106 | 135.3E6 | 62995957 | 25.983 | 20.210   |
| Target Compounds            |                 |        |       |         |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.949  | 0.000 | 1398100 | 0        | 6.110  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.949  | 0.000 | 1398100 | 0        | 4.157  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.949  | 0.000 | 1398100 | 0        | 6.967  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.378 | 0       | 1902784  | N.D.   | 23.756 # |
| 9)                          | L2 AR-1221-2    | 5.021  | 4.292 | 2552803 | 1946874  | 50.914 | 66.195 # |
| 10)                         | L2 AR-1221-3    | 5.021  | 0.000 | 2552803 | 0        | 15.925 | N.D. #   |
| 11)                         | L3 AR-1232-1    | 5.021  | 0.000 | 2552803 | 0        | 19.202 | N.D. #   |
| 13)                         | L3 AR-1232-3    | 5.949  | 0.000 | 1398100 | 0        | 10.882 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.378 | 0       | 1902784  | N.D.   | 57.657 # |
| 15)                         | L3 AR-1232-5    | 6.151  | 0.000 | 1353893 | 0        | 27.431 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.949  | 0.000 | 1398100 | 0        | 8.712  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.949  | 0.000 | 1398100 | 0        | 5.928  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.949  | 0.000 | 1398100 | 0        | 9.613  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.378 | 0       | 1902784  | N.D.   | 27.767 # |
| 20)                         | L4 AR-1242-5    | 6.822  | 5.889 | 3455224 | 703197   | 30.885 | 8.126 #  |
| 21)                         | L5 AR-1248-1    | 5.949  | 0.000 | 1398100 | 0        | 11.935 | N.D. #   |
| 22)                         | L5 AR-1248-2    | 6.151  | 5.378 | 1353893 | 1902784  | 8.470  | 20.714 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.378 | 0       | 1902784  | N.D.   | 20.199 # |
| 24)                         | L5 AR-1248-4    | 6.752  | 0.000 | 2120590 | 0        | 11.955 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.822  | 5.889 | 3455224 | 703197   | 20.369 | 6.491 #  |
| 26)                         | L6 AR-1254-1    | 6.752  | 5.889 | 2120590 | 703197   | 10.807 | 3.810 #  |
| 27)                         | L6 AR-1254-2    | 6.969  | 0.000 | 648970  | 0        | 2.236  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.354  | 0.000 | 1023764 | 0        | 3.422  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 8.020  | 0.000 | 112705  | 0        | 0.427  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.508  | 0.000 | 315737  | 0        | 1.242  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.767 | 0       | 966534   | N.D.   | 4.443 #  |
| 33)                         | L7 AR-1260-3    | 8.169  | 6.881 | 799959  | 459087   | 3.494  | 2.252 #  |
| 34)                         | L7 AR-1260-4    | 8.349  | 0.000 | 587387  | 0        | 2.216  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.640 | 0       | 333001   | N.D.   | 0.824 #  |
| 36)                         | L8 AR-1262-1    | 8.169  | 7.176 | 799959  | 714867   | 6.310  | 2.989 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.640 | 0       | 333001   | N.D.   | 0.791 #  |
| 40)                         | L8 AR-1262-5    | 9.824  | 0.000 | 2594526 | 0        | 14.322 | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.376  | 8.200 | 898689  | 798458   | 1.782  | 2.240 #  |
| 44)                         | L9 AR-1268-4    | 9.824  | 0.000 | 2594526 | 0        | 11.862 | N.D. #   |
| 45)                         | L9 AR-1268-5    | 10.286 | 8.824 | 3687664 | 345262   | 2.147  | 0.299 #  |
| -----                       |                 |        |       |         |          |        |          |

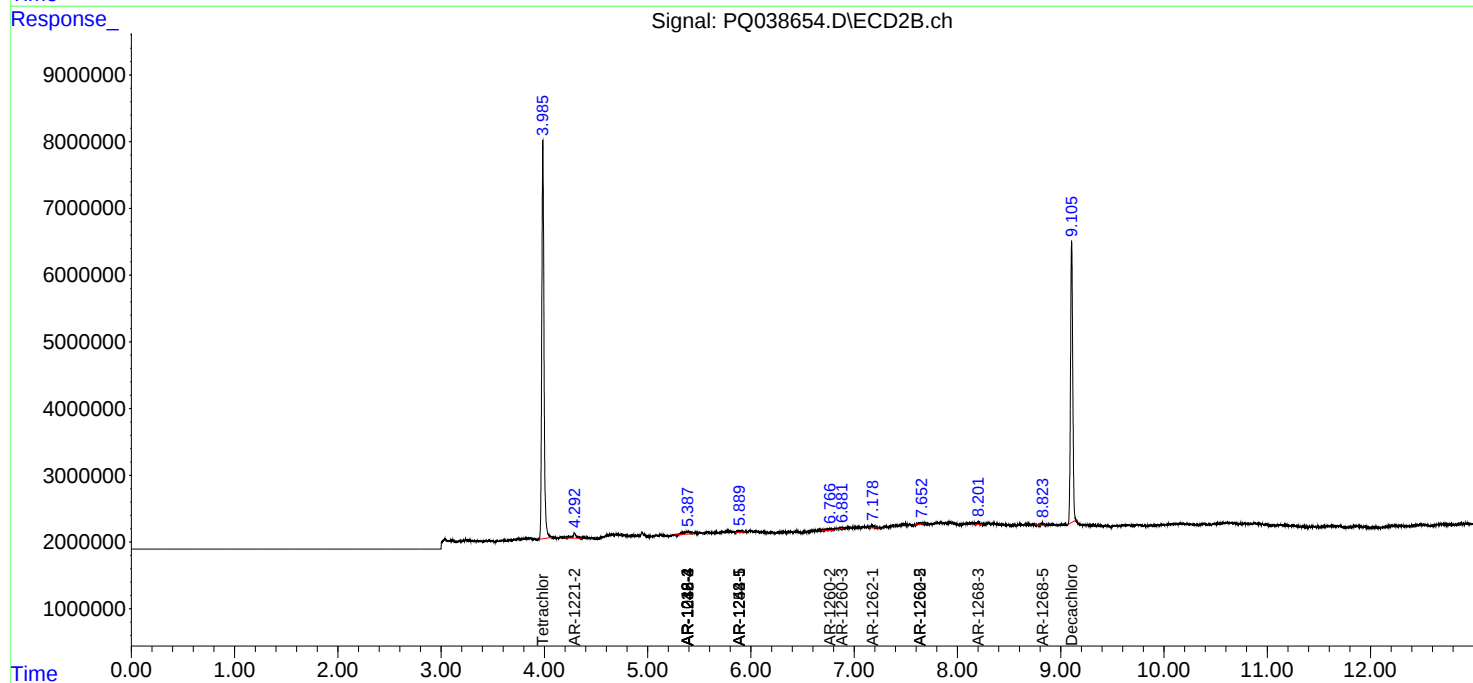
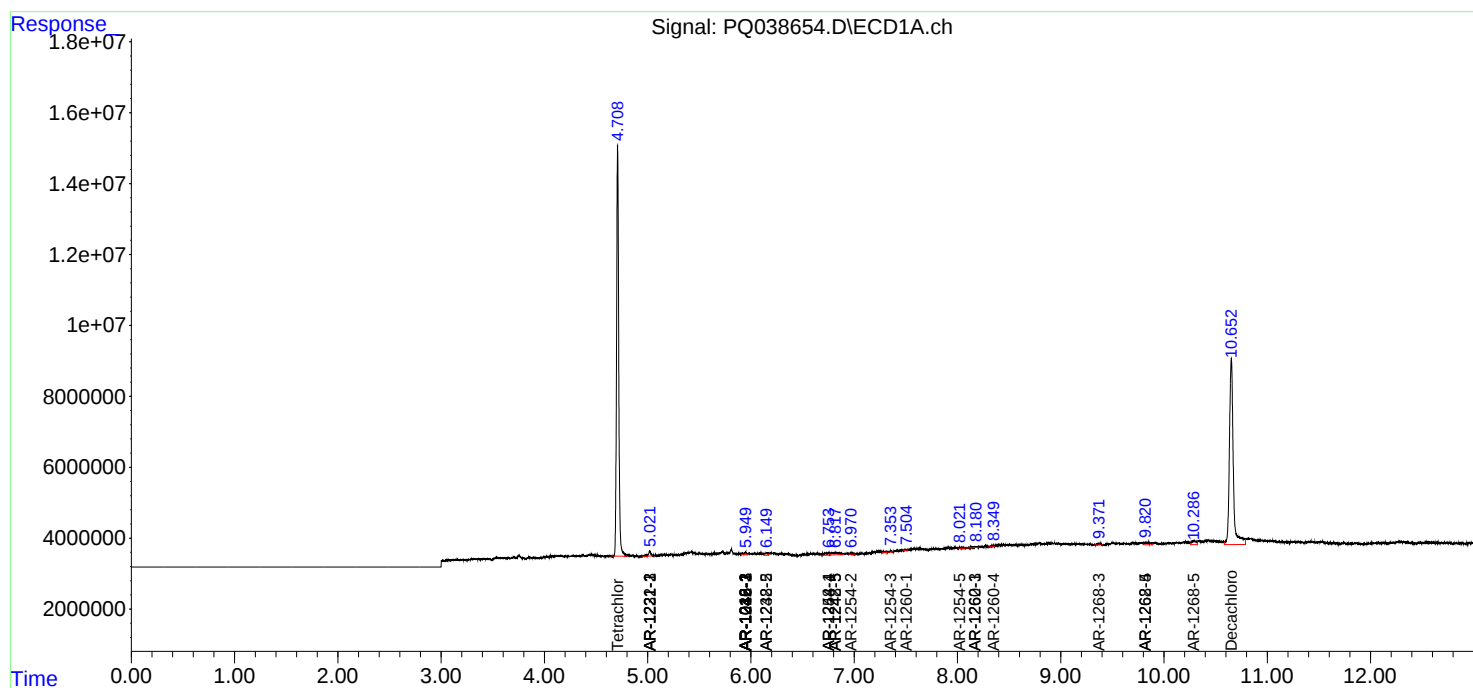
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

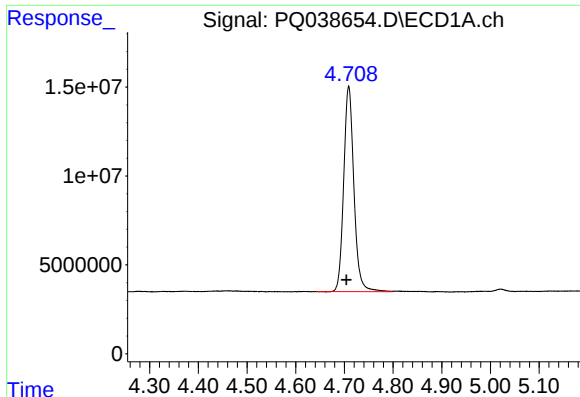
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ040319\  
Data File : PQ038654.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Apr 2019 21:09  
Operator : AJ\SJ  
Sample : PB118545BL  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 04 03:38:36 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ040319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 04 03:26:03 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

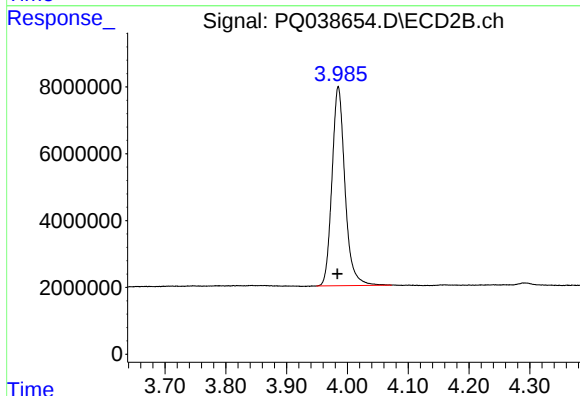




#1 Tetrachloro-m-xylene

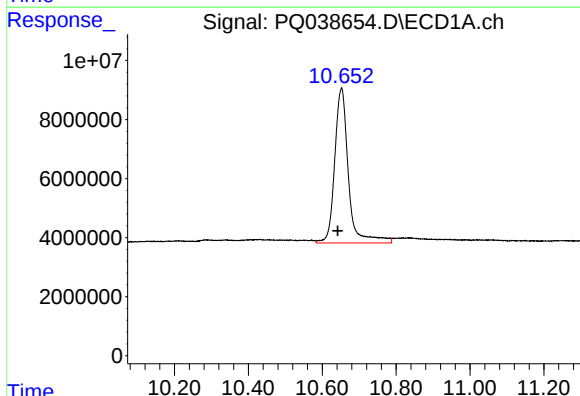
R.T.: 4.709 min  
Delta R.T.: 0.005 min  
Response: 168400301  
Conc: 22.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



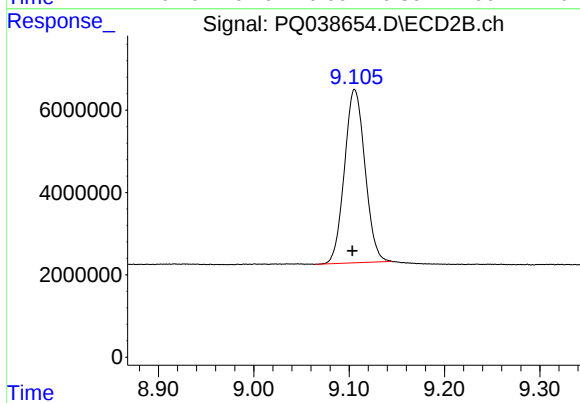
#1 Tetrachloro-m-xylene

R.T.: 3.985 min  
Delta R.T.: 0.001 min  
Response: 88484957  
Conc: 21.59 ng/ml



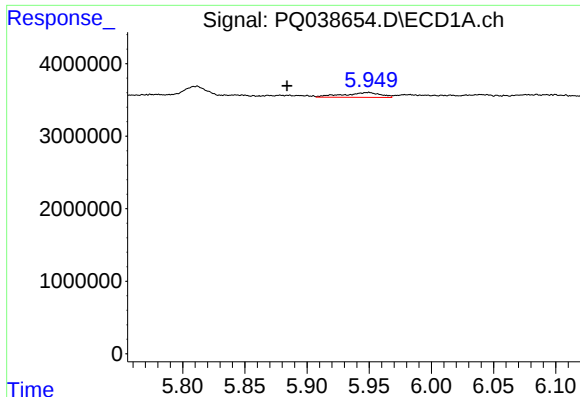
#2 Decachlorobiphenyl

R.T.: 10.652 min  
Delta R.T.: 0.010 min  
Response: 135263654  
Conc: 25.98 ng/ml



#2 Decachlorobiphenyl

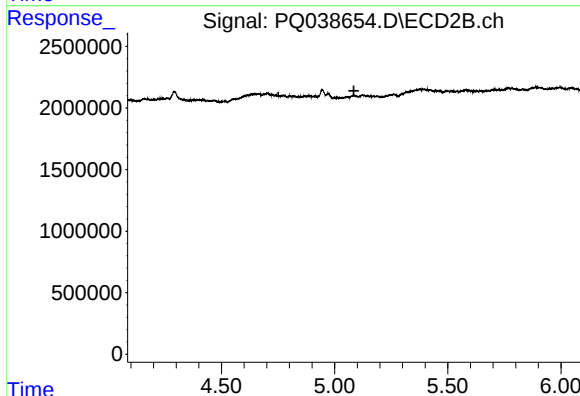
R.T.: 9.106 min  
Delta R.T.: 0.003 min  
Response: 62995957  
Conc: 20.21 ng/ml



#3 AR-1016-1

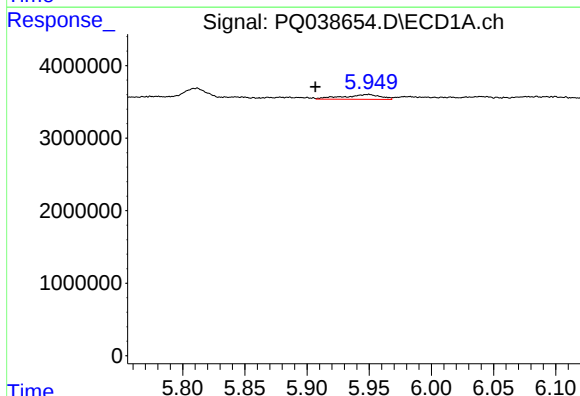
R.T.: 5.949 min  
Delta R.T.: 0.065 min  
Response: 1398100  
Conc: 6.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



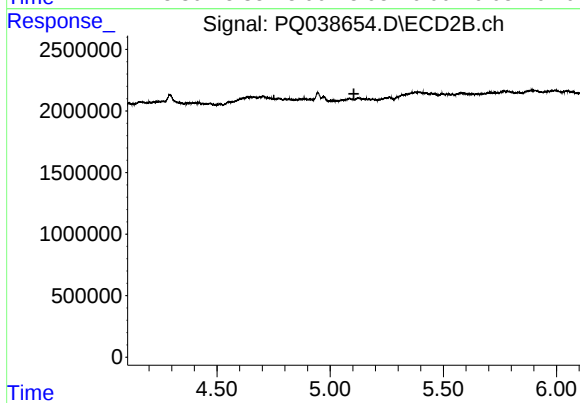
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.085 min  
Response: 0  
Conc: N.D.



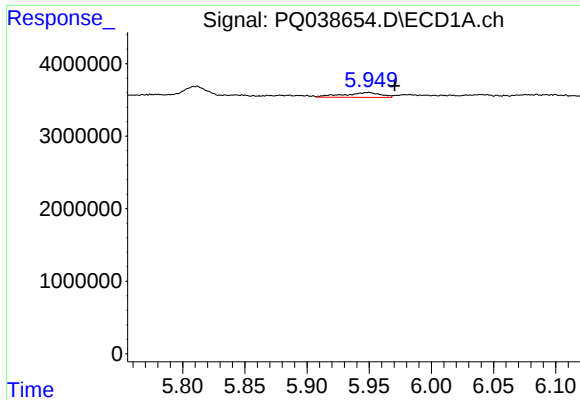
#4 AR-1016-2

R.T.: 5.949 min  
Delta R.T.: 0.042 min  
Response: 1398100  
Conc: 4.16 ng/ml



#4 AR-1016-2

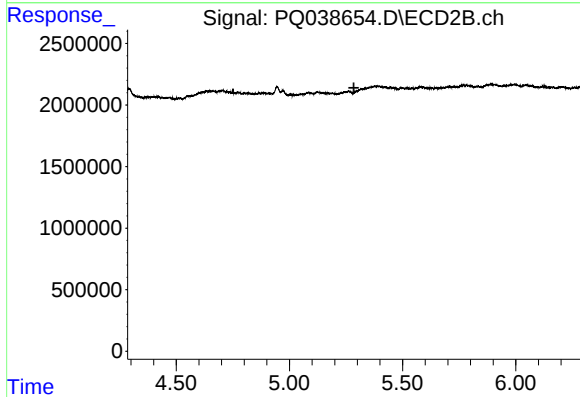
R.T.: 0.000 min  
Exp R.T. : 5.105 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

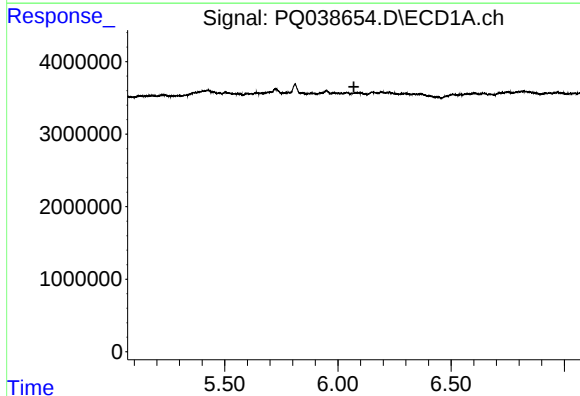
R.T.: 5.949 min  
Delta R.T.: -0.022 min  
Response: 1398100  
Conc: 6.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



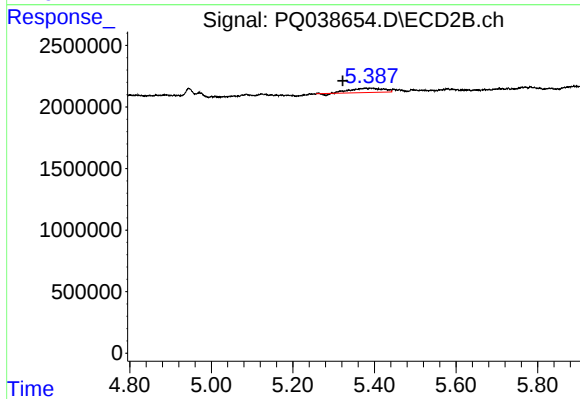
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.285 min  
Response: 0  
Conc: N.D.



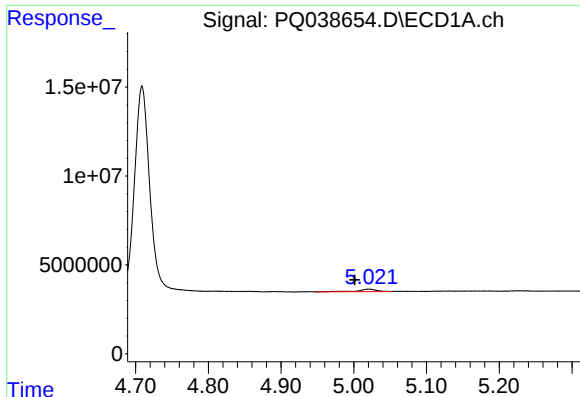
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.070 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

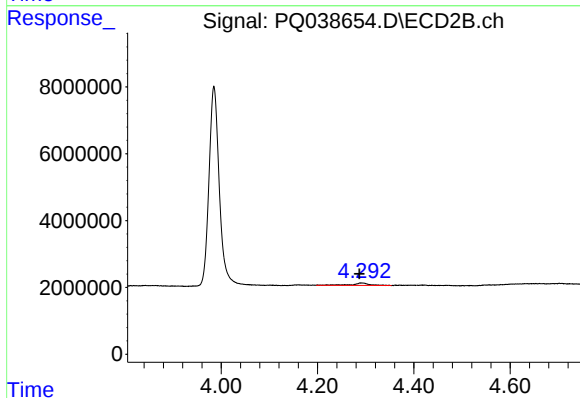
R.T.: 5.378 min  
Delta R.T.: 0.056 min  
Response: 1902784  
Conc: 23.76 ng/ml



#9 AR-1221-2

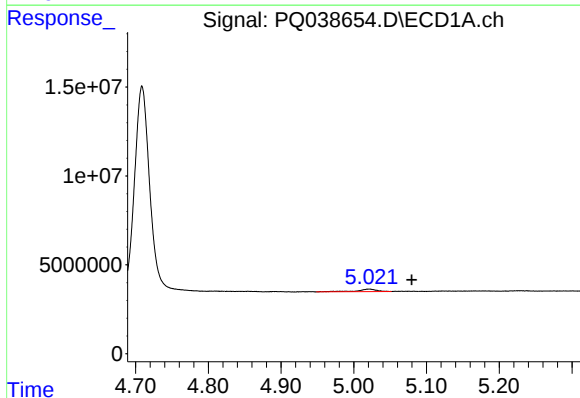
R.T.: 5.021 min  
Delta R.T.: 0.020 min  
Response: 2552803  
Conc: 50.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



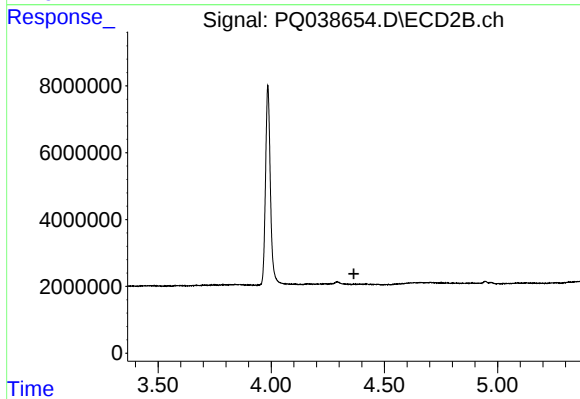
#9 AR-1221-2

R.T.: 4.292 min  
Delta R.T.: 0.005 min  
Response: 1946874  
Conc: 66.19 ng/ml



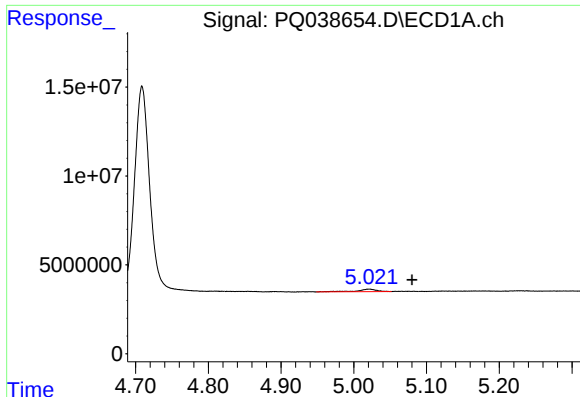
#10 AR-1221-3

R.T.: 5.021 min  
Delta R.T.: -0.059 min  
Response: 2552803  
Conc: 15.93 ng/ml



#10 AR-1221-3

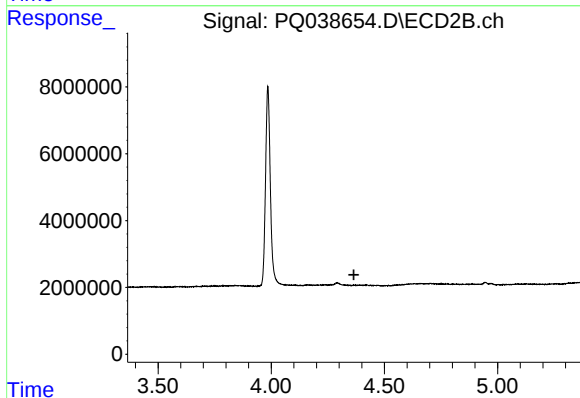
R.T.: 0.000 min  
Exp R.T.: 4.365 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

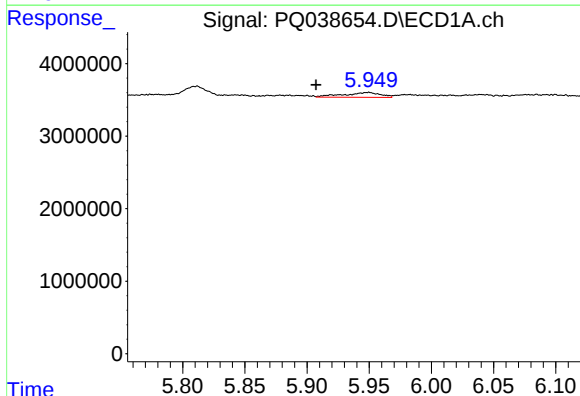
R.T.: 5.021 min  
Delta R.T.: -0.059 min  
Response: 2552803  
Conc: 19.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



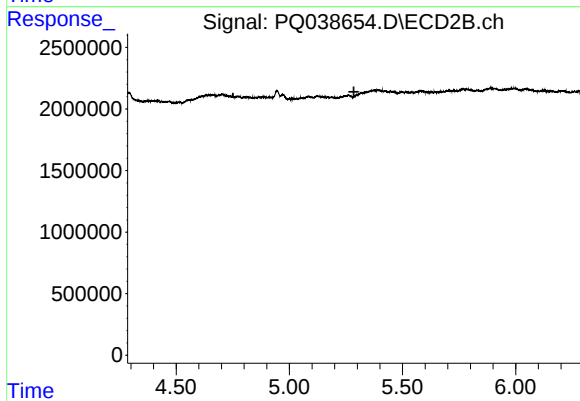
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.365 min  
Response: 0  
Conc: N.D.



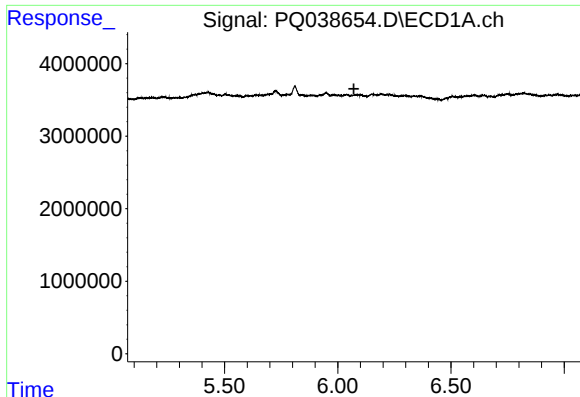
#13 AR-1232-3

R.T.: 5.949 min  
Delta R.T.: 0.042 min  
Response: 1398100  
Conc: 10.88 ng/ml



#13 AR-1232-3

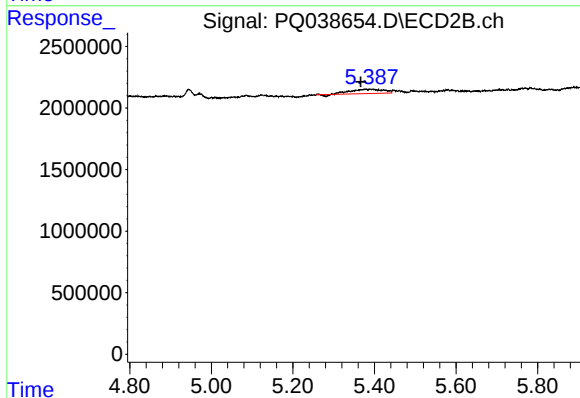
R.T.: 0.000 min  
Exp R.T. : 5.285 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

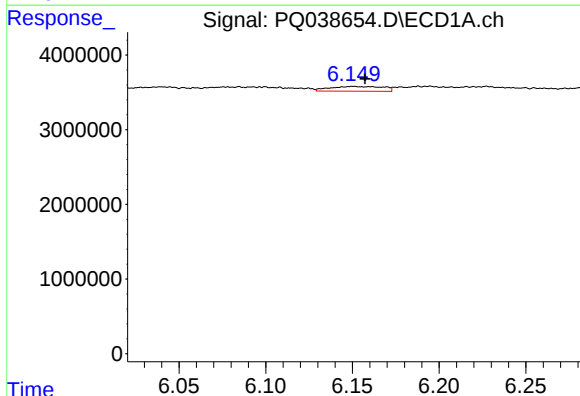
R.T.: 0.000 min  
Exp R.T.: 6.071 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



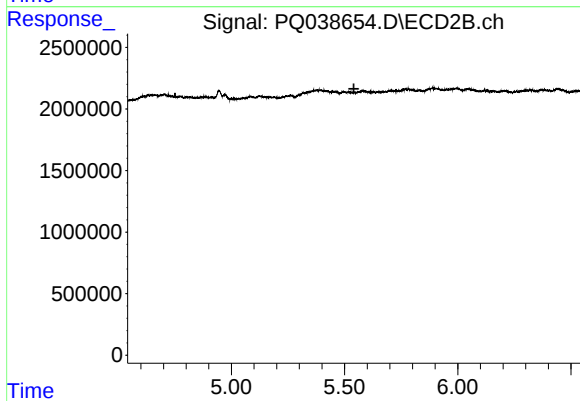
#14 AR-1232-4

R.T.: 5.378 min  
Delta R.T.: 0.012 min  
Response: 1902784  
Conc: 57.66 ng/ml



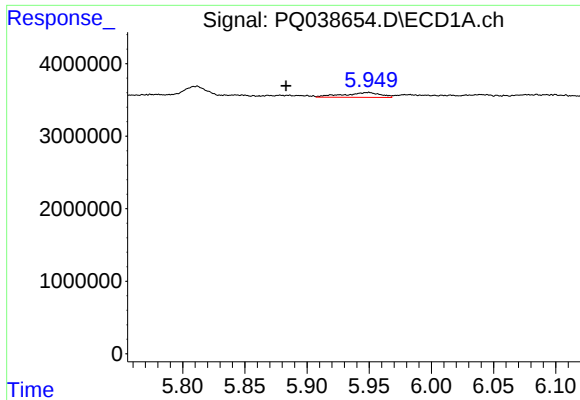
#15 AR-1232-5

R.T.: 6.151 min  
Delta R.T.: -0.007 min  
Response: 1353893  
Conc: 27.43 ng/ml



#15 AR-1232-5

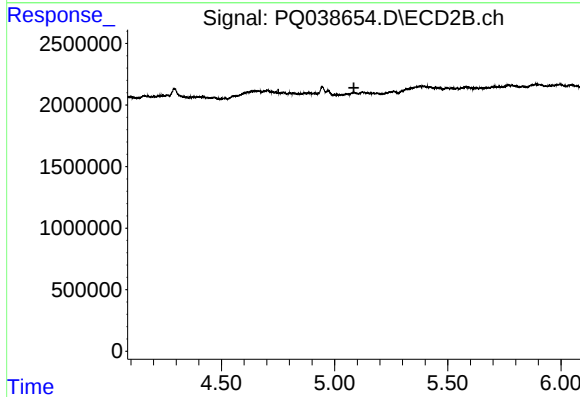
R.T.: 0.000 min  
Exp R.T.: 5.541 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

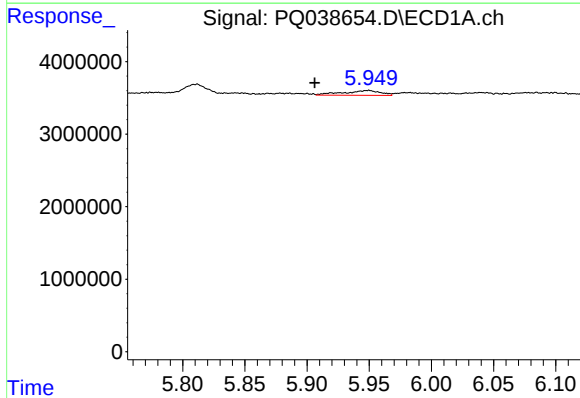
R.T.: 5.949 min  
Delta R.T.: 0.066 min  
Response: 1398100  
Conc: 8.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



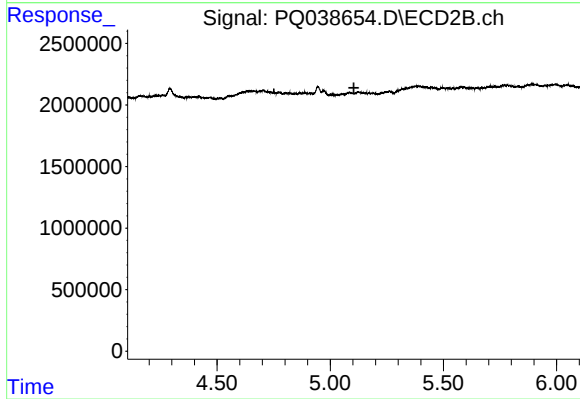
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.085 min  
Response: 0  
Conc: N.D.



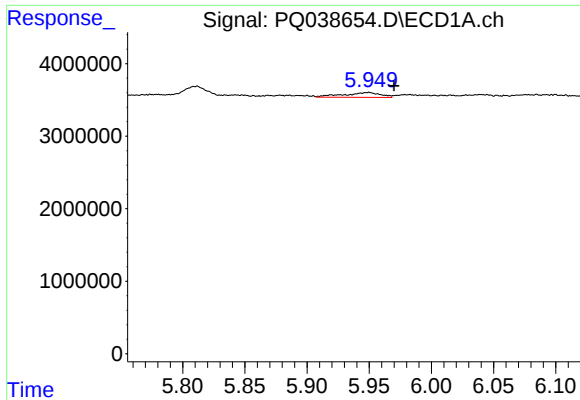
#17 AR-1242-2

R.T.: 5.949 min  
Delta R.T.: 0.042 min  
Response: 1398100  
Conc: 5.93 ng/ml



#17 AR-1242-2

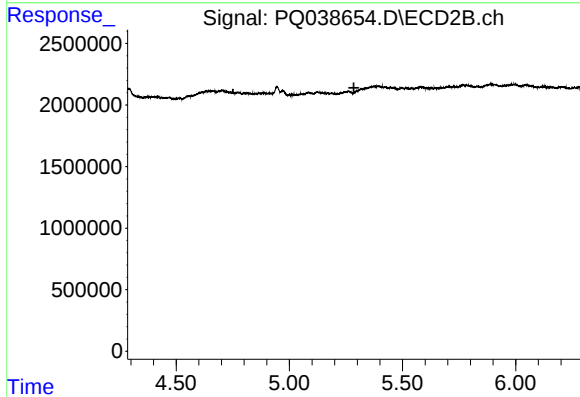
R.T.: 0.000 min  
Exp R.T. : 5.105 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

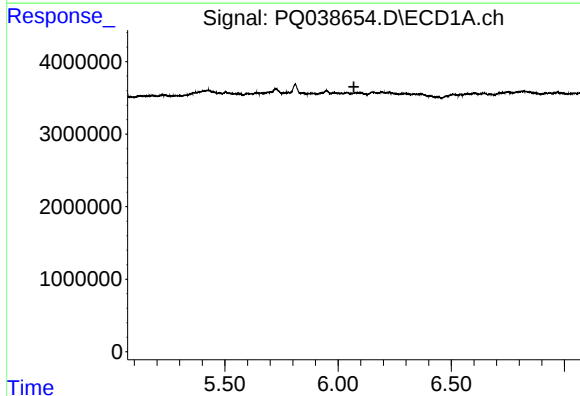
R.T.: 5.949 min  
Delta R.T.: -0.021 min  
Response: 1398100  
Conc: 9.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



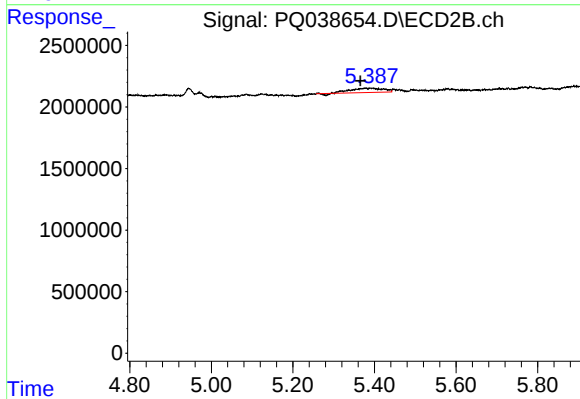
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.285 min  
Response: 0  
Conc: N.D.



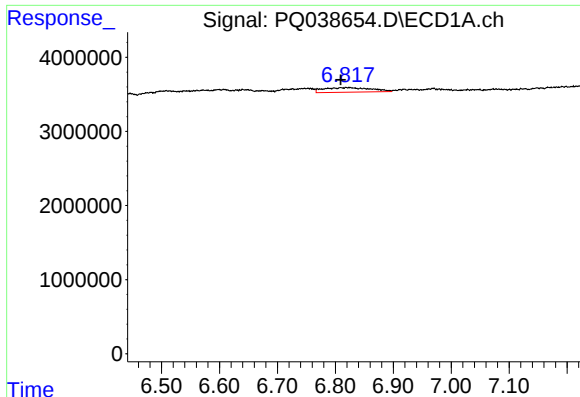
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.070 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

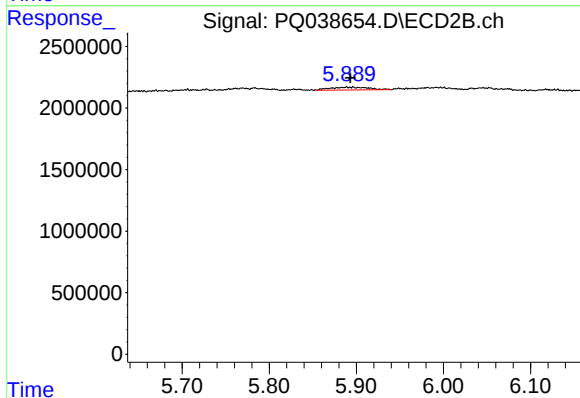
R.T.: 5.378 min  
Delta R.T.: 0.013 min  
Response: 1902784  
Conc: 27.77 ng/ml



#20 AR-1242-5

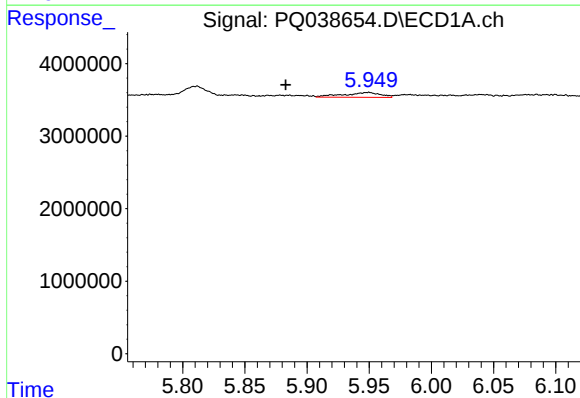
R.T.: 6.822 min  
Delta R.T.: 0.013 min  
Response: 3455224  
Conc: 30.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



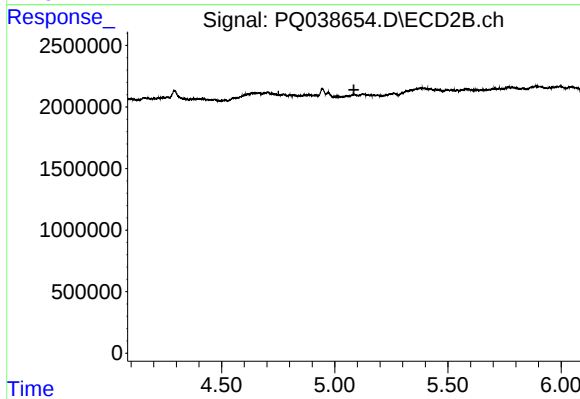
#20 AR-1242-5

R.T.: 5.889 min  
Delta R.T.: -0.004 min  
Response: 703197  
Conc: 8.13 ng/ml



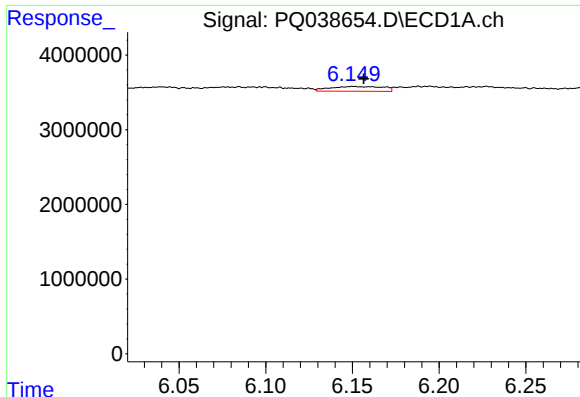
#21 AR-1248-1

R.T.: 5.949 min  
Delta R.T.: 0.066 min  
Response: 1398100  
Conc: 11.93 ng/ml



#21 AR-1248-1

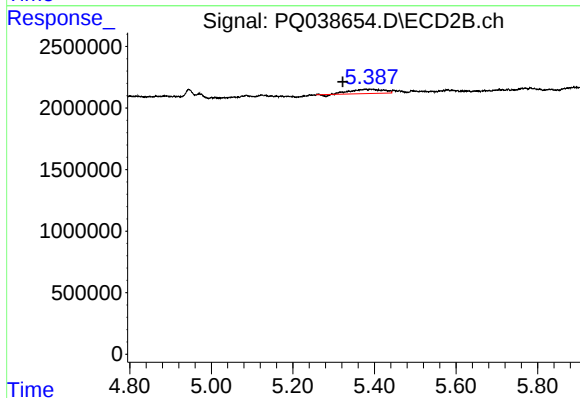
R.T.: 0.000 min  
Exp R.T.: 5.085 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

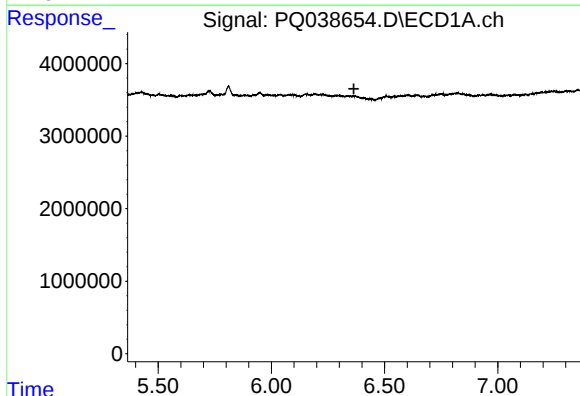
R.T.: 6.151 min  
Delta R.T.: -0.006 min  
Response: 1353893  
Conc: 8.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



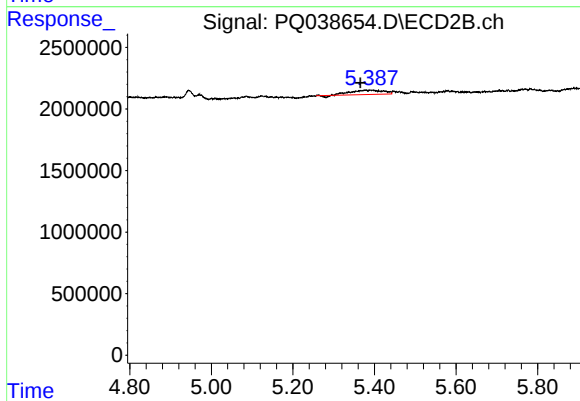
#22 AR-1248-2

R.T.: 5.378 min  
Delta R.T.: 0.056 min  
Response: 1902784  
Conc: 20.71 ng/ml



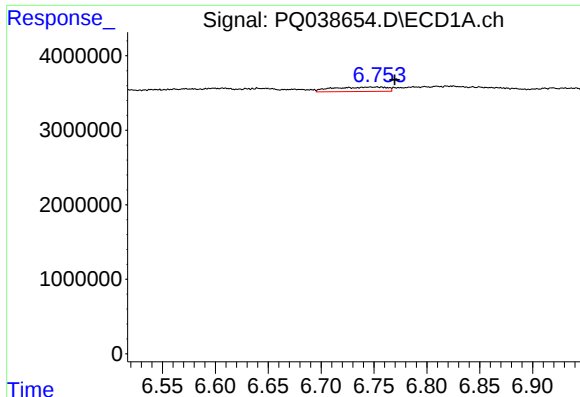
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 6.365 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

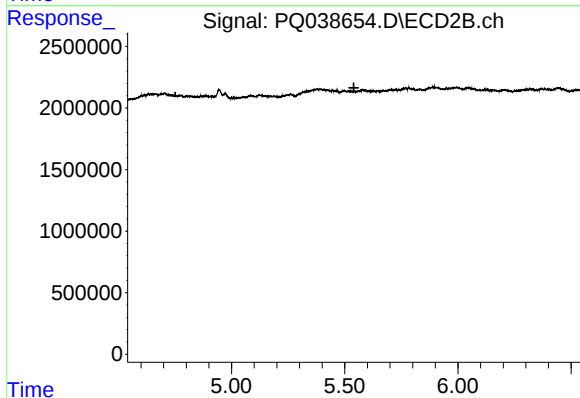
R.T.: 5.378 min  
Delta R.T.: 0.013 min  
Response: 1902784  
Conc: 20.20 ng/ml



#24 AR-1248-4

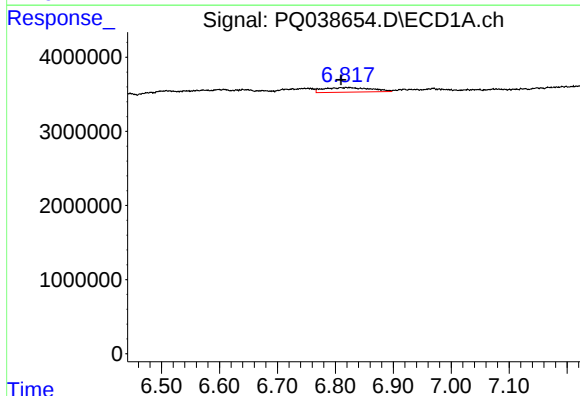
R.T.: 6.752 min  
Delta R.T.: -0.018 min  
Response: 2120590  
Conc: 11.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



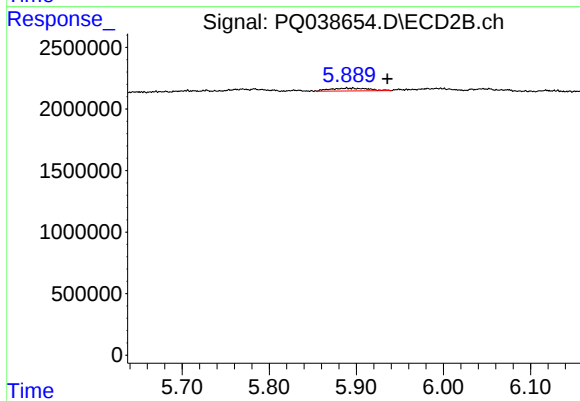
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.541 min  
Response: 0  
Conc: N.D.



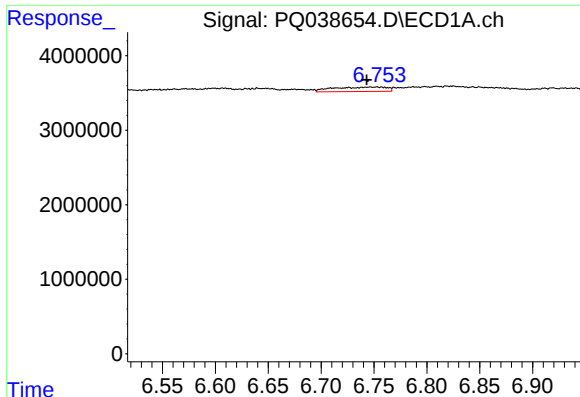
#25 AR-1248-5

R.T.: 6.822 min  
Delta R.T.: 0.013 min  
Response: 3455224  
Conc: 20.37 ng/ml



#25 AR-1248-5

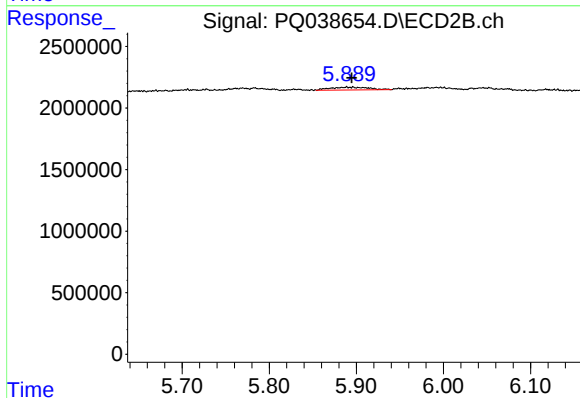
R.T.: 5.889 min  
Delta R.T.: -0.047 min  
Response: 703197  
Conc: 6.49 ng/ml



#26 AR-1254-1

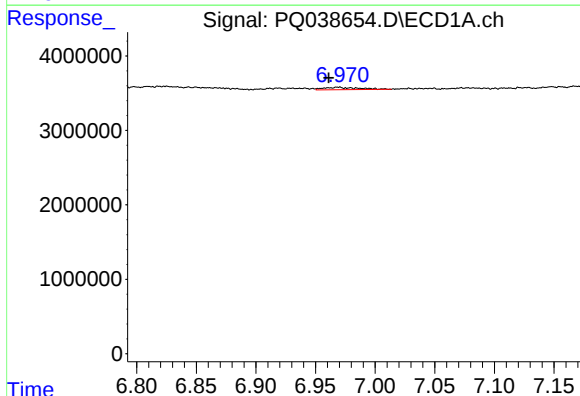
R.T.: 6.752 min  
Delta R.T.: 0.009 min  
Response: 2120590  
Conc: 10.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



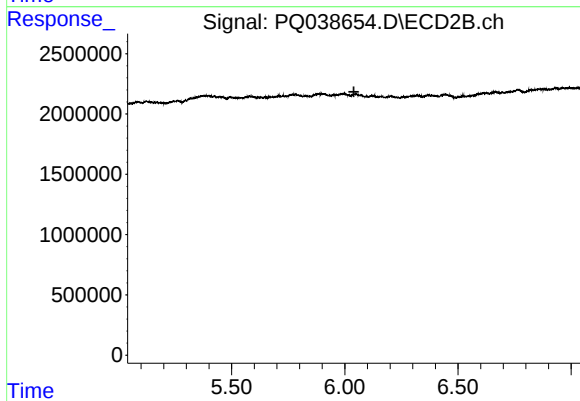
#26 AR-1254-1

R.T.: 5.889 min  
Delta R.T.: -0.006 min  
Response: 703197  
Conc: 3.81 ng/ml



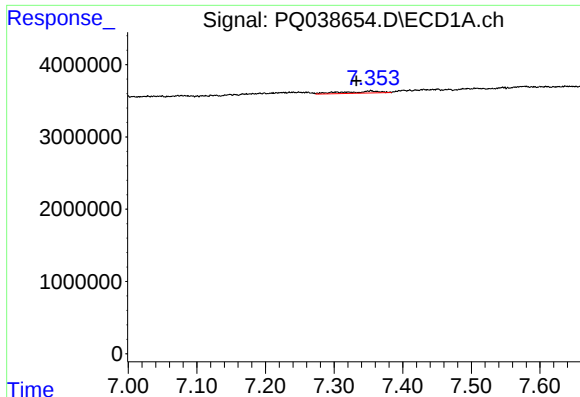
#27 AR-1254-2

R.T.: 6.969 min  
Delta R.T.: 0.008 min  
Response: 648970  
Conc: 2.24 ng/ml



#27 AR-1254-2

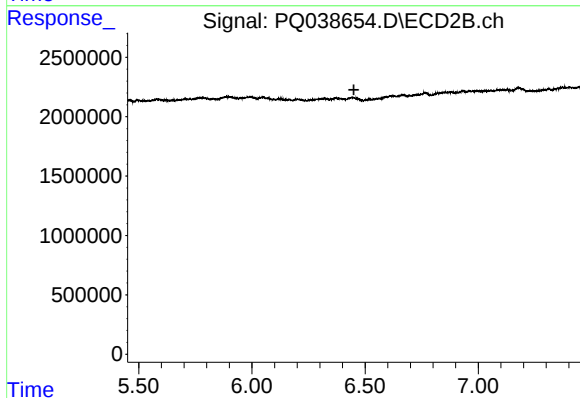
R.T.: 0.000 min  
Exp R.T.: 6.040 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

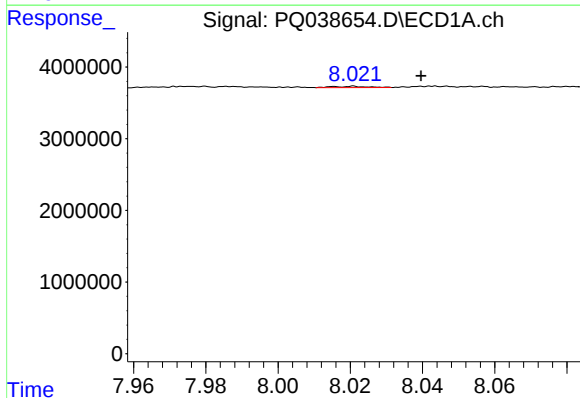
R.T.: 7.354 min  
Delta R.T.: 0.021 min  
Response: 1023764  
Conc: 3.42 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



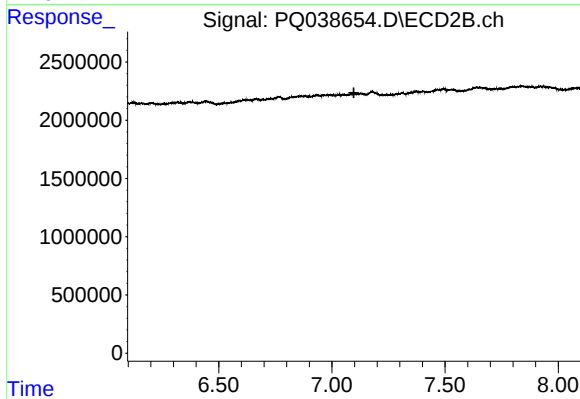
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.451 min  
Response: 0  
Conc: N.D.



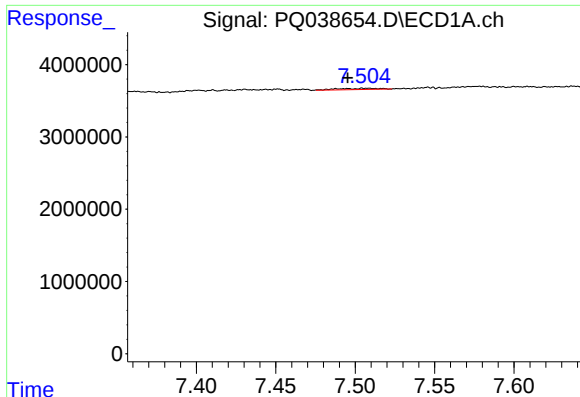
#30 AR-1254-5

R.T.: 8.020 min  
Delta R.T.: -0.019 min  
Response: 112705  
Conc: 0.43 ng/ml



#30 AR-1254-5

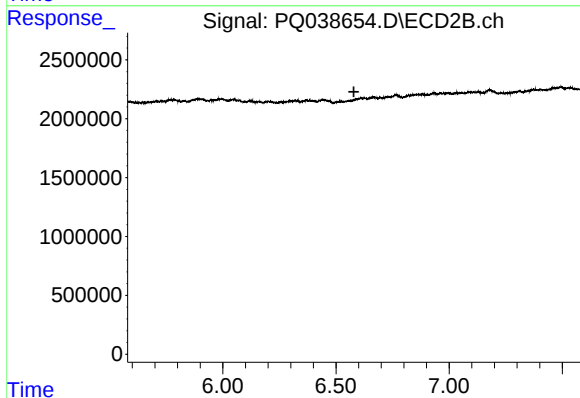
R.T.: 0.000 min  
Exp R.T. : 7.097 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

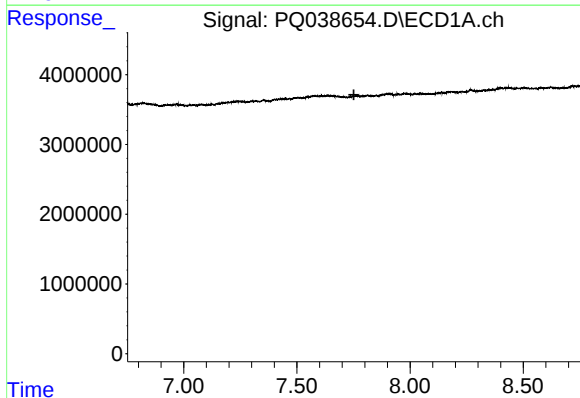
R.T.: 7.508 min  
Delta R.T.: 0.013 min  
Response: 315737  
Conc: 1.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



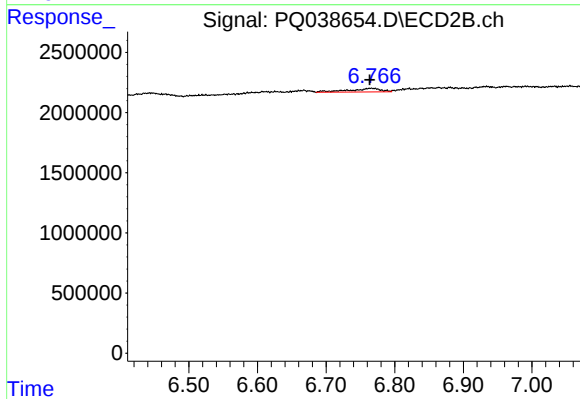
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.579 min  
Response: 0  
Conc: N.D.



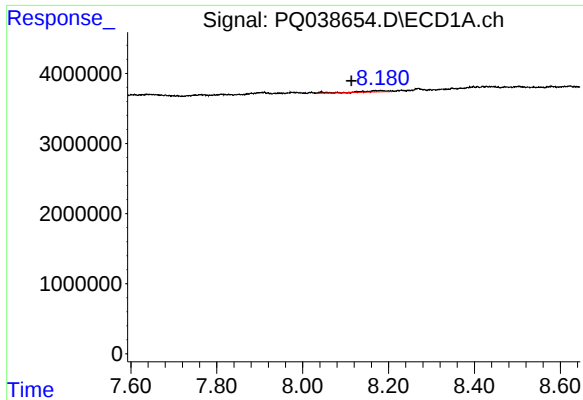
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.752 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

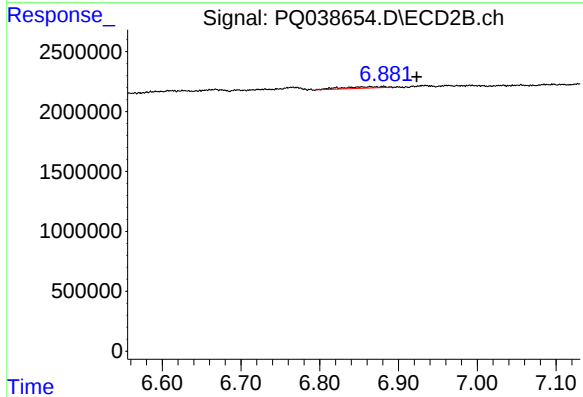
R.T.: 6.767 min  
Delta R.T.: 0.003 min  
Response: 966534  
Conc: 4.44 ng/ml



#33 AR-1260-3

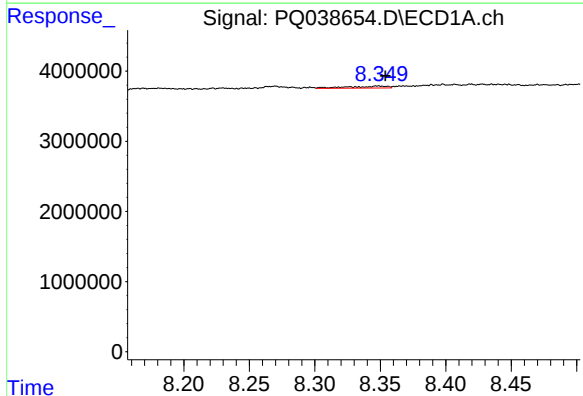
R.T.: 8.169 min  
Delta R.T.: 0.055 min  
Response: 799959  
Conc: 3.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



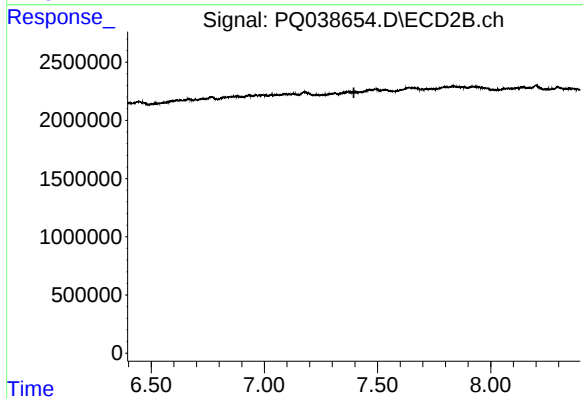
#33 AR-1260-3

R.T.: 6.881 min  
Delta R.T.: -0.042 min  
Response: 459087  
Conc: 2.25 ng/ml



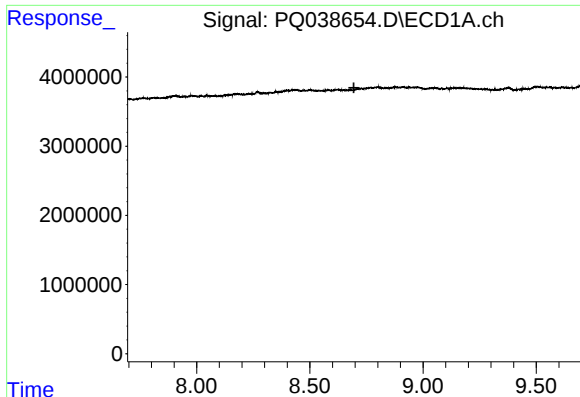
#34 AR-1260-4

R.T.: 8.349 min  
Delta R.T.: -0.005 min  
Response: 587387  
Conc: 2.22 ng/ml



#34 AR-1260-4

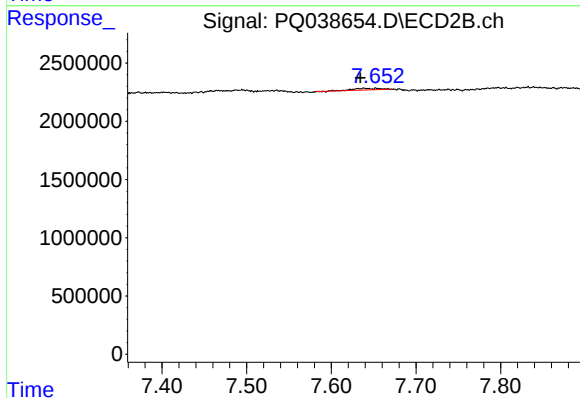
R.T.: 0.000 min  
Exp R.T.: 7.396 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

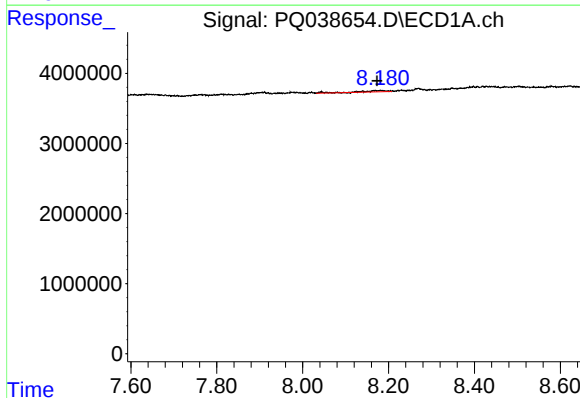
R.T.: 0.000 min  
Exp R.T.: 8.695 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



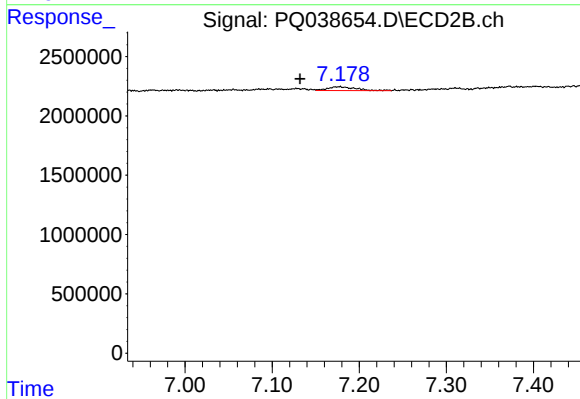
#35 AR-1260-5

R.T.: 7.640 min  
Delta R.T.: 0.005 min  
Response: 333001  
Conc: 0.82 ng/ml



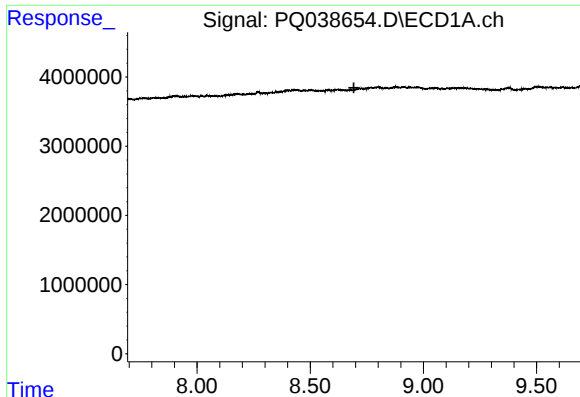
#36 AR-1262-1

R.T.: 8.169 min  
Delta R.T.: -0.005 min  
Response: 799959  
Conc: 6.31 ng/ml



#36 AR-1262-1

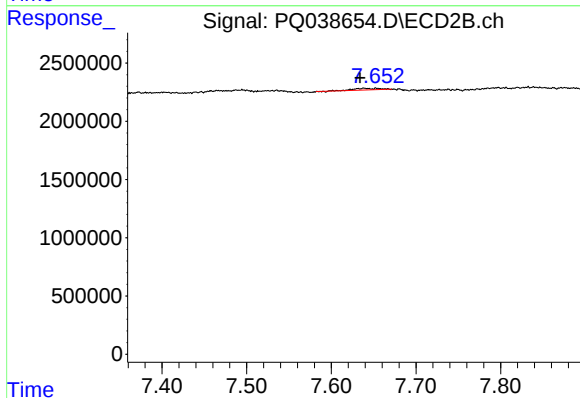
R.T.: 7.176 min  
Delta R.T.: 0.044 min  
Response: 714867  
Conc: 2.99 ng/ml



#37 AR-1262-2

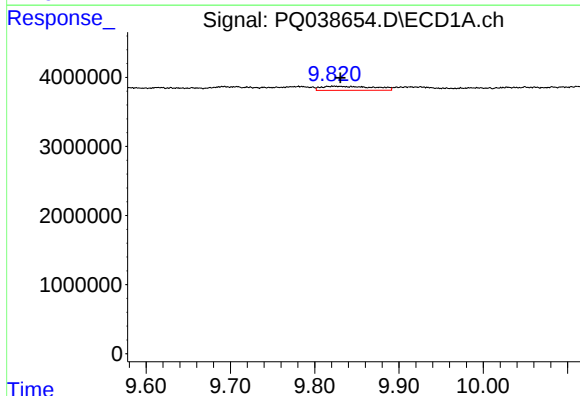
R.T.: 0.000 min  
Exp R.T.: 8.693 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



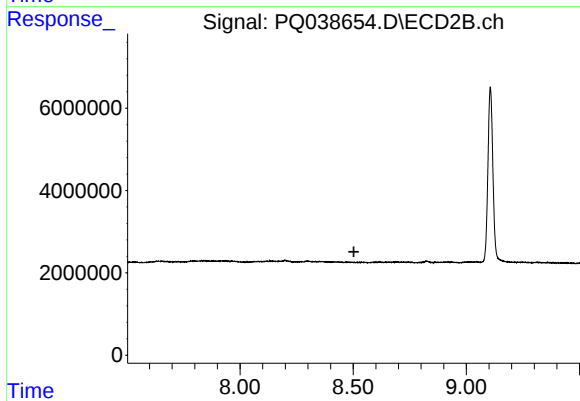
#37 AR-1262-2

R.T.: 7.640 min  
Delta R.T.: 0.006 min  
Response: 333001  
Conc: 0.79 ng/ml



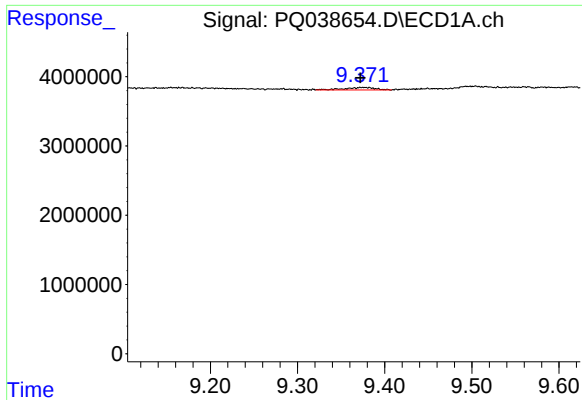
#40 AR-1262-5

R.T.: 9.824 min  
Delta R.T.: -0.006 min  
Response: 2594526  
Conc: 14.32 ng/ml



#40 AR-1262-5

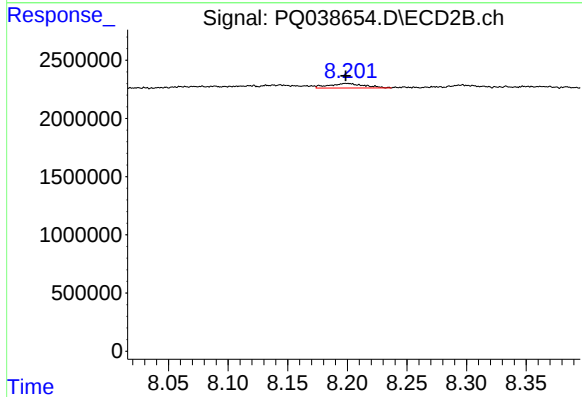
R.T.: 0.000 min  
Exp R.T.: 8.503 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

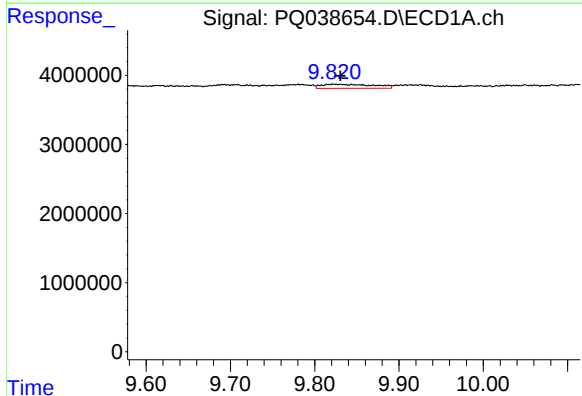
R.T.: 9.376 min  
Delta R.T.: 0.004 min  
Response: 898689  
Conc: 1.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



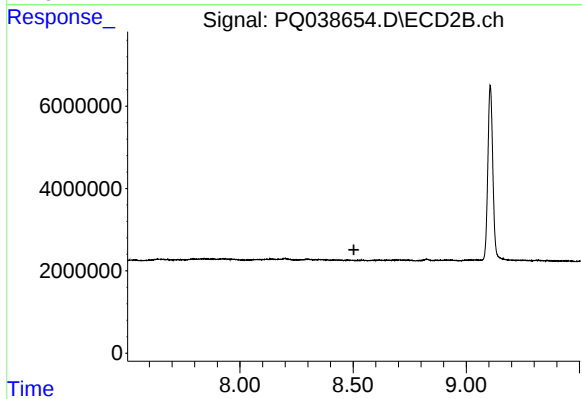
#43 AR-1268-3

R.T.: 8.200 min  
Delta R.T.: 0.001 min  
Response: 798458  
Conc: 2.24 ng/ml



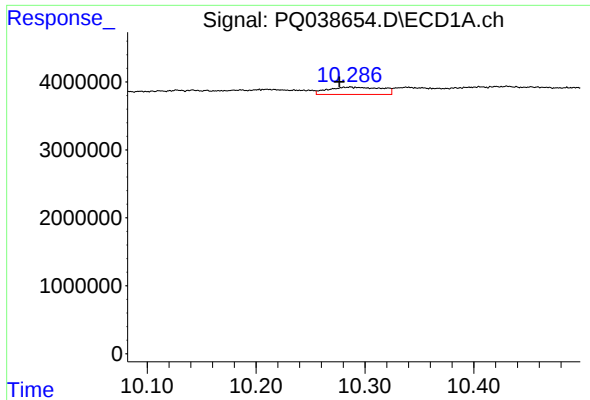
#44 AR-1268-4

R.T.: 9.824 min  
Delta R.T.: -0.007 min  
Response: 2594526  
Conc: 11.86 ng/ml



#44 AR-1268-4

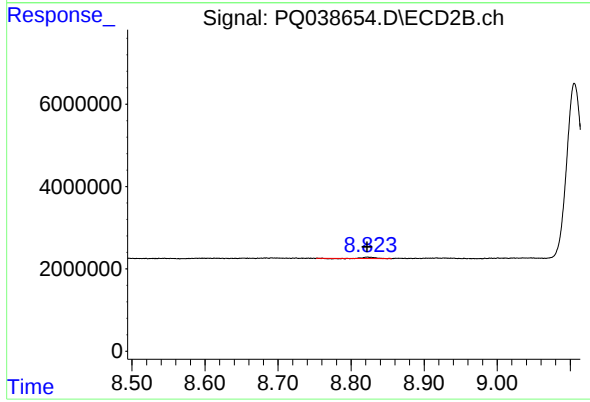
R.T.: 0.000 min  
Exp R.T.: 8.504 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.286 min  
Delta R.T.: 0.010 min  
Response: 3687664  
Conc: 2.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.824 min  
Delta R.T.: 0.002 min  
Response: 345262  
Conc: 0.30 ng/ml