

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032419\  
 Data File : PQ038255.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2019 16:45  
 Operator : SM\SJ  
 Sample : K2049-13  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 06:04:19 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ032419CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 25 05:45:22 2019  
 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... | 4.717  | 3.999 | 137.6E6 | 54834689 | 33.378 | 32.490   |
| 2)                          | SA Decachlor... | 10.673 | 9.149 | 184.8E6 | 86425723 | 33.965 | 36.530   |
| Target Compounds            |                 |        |       |         |          |        |          |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.383 | 0       | 963050   | N.D.   | 12.011 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.383 | 0       | 963050   | N.D.   | 15.167 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.628 | 0       | 876370   | N.D.   | 10.006 # |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.182 | 0       | 616163   | N.D.   | 26.398 # |
| 9)                          | L2 AR-1221-2    | 5.028  | 4.308 | 2016336 | 918311   | 52.840 | 55.162   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.383 | 0       | 963050   | N.D.   | 40.025 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.395 | 0       | 218895   | N.D.   | 9.692 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.628 | 0       | 876370   | N.D.   | 36.207 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.383 | 0       | 963050   | N.D.   | 17.990 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.395 | 0       | 218895   | N.D.   | 4.033 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.922 | 0       | 110798   | N.D.   | 1.507 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.383 | 0       | 963050   | N.D.   | 13.515 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.395 | 0       | 218895   | N.D.   | 2.988 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.628 | 0       | 876370   | N.D.   | 9.692 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.922 | 0       | 110798   | N.D.   | 1.235 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.922 | 0       | 110798   | N.D.   | 0.689 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.562 | 0       | 828676   | N.D.   | 3.447 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.787 | 0       | 819379   | N.D.   | 5.287 #  |
| 30)                         | L6 AR-1254-5    | 8.098  | 7.177 | 1202523 | 1067852  | 3.725  | 5.267 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.562 | 0       | 828676   | N.D.   | 4.053 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.787 | 0       | 819379   | N.D.   | 3.199 #  |
| 33)                         | L7 AR-1260-3    | 8.124  | 0.000 | 165640  | 0        | 0.428  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.662 | 0       | 2095536  | N.D.   | 4.262 #  |
| 36)                         | L8 AR-1262-1    | 8.124  | 7.177 | 165640  | 1067852  | 0.418  | 4.959 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.662 | 0       | 2095536  | N.D.   | 5.379 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.235 | 0       | 478049   | N.D.   | 0.760 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.863 | 0       | 950663   | N.D.   | 0.494 #  |
| -----                       |                 |        |       |         |          |        |          |

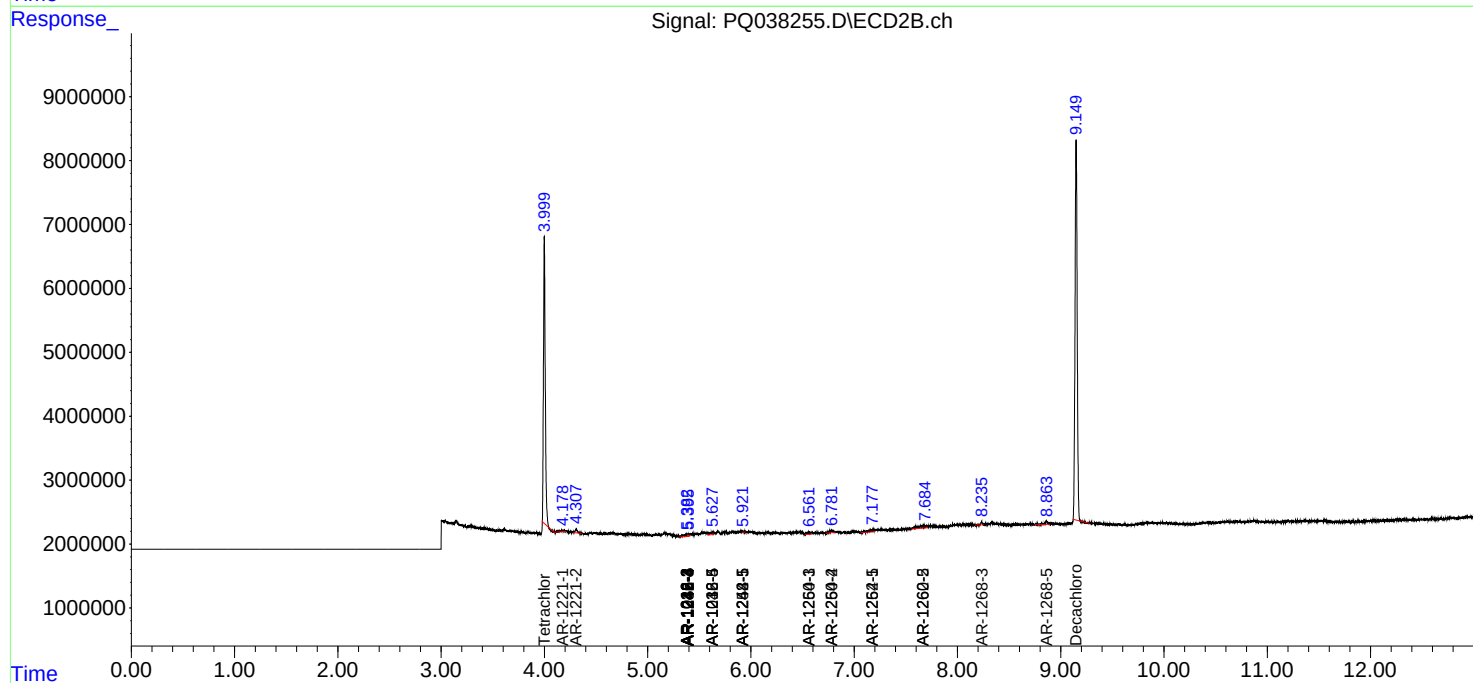
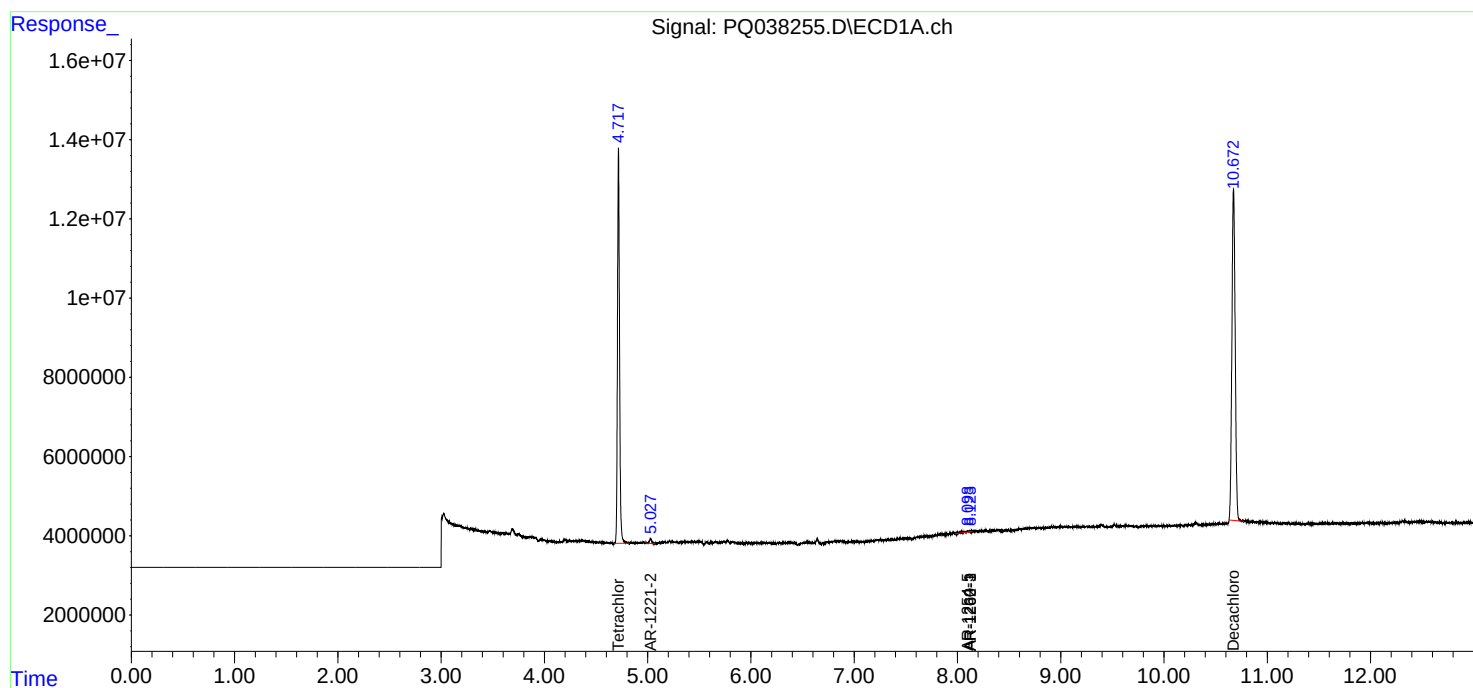
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

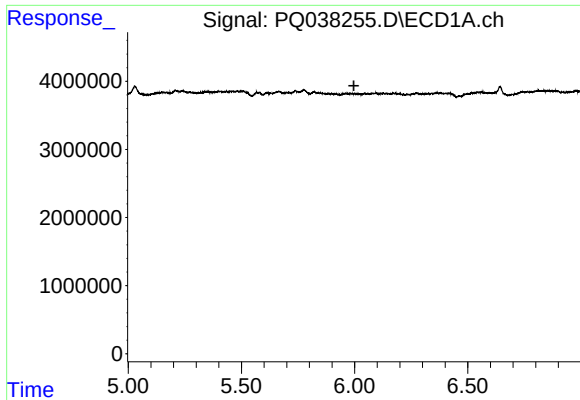
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032419\  
Data File : PQ038255.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2019 16:45  
Operator : SM\SJ  
Sample : K2049-13  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 06:04:19 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ032419CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 25 05:45:22 2019  
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

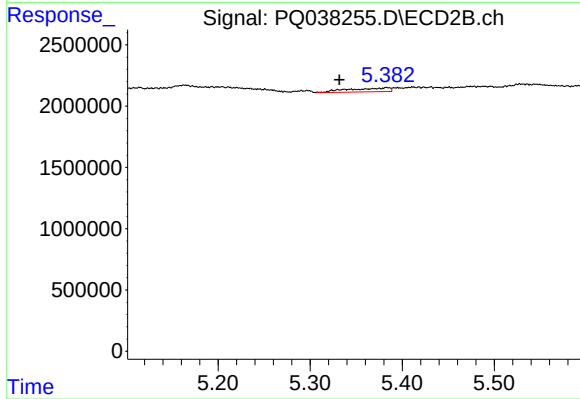




#5 AR-1016-3

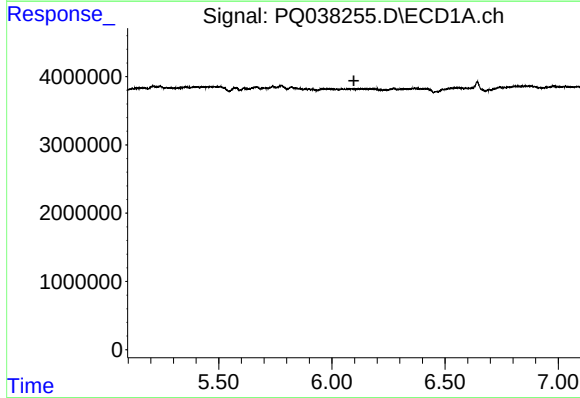
R.T.: 0.000 min  
Exp R.T.: 5.997 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



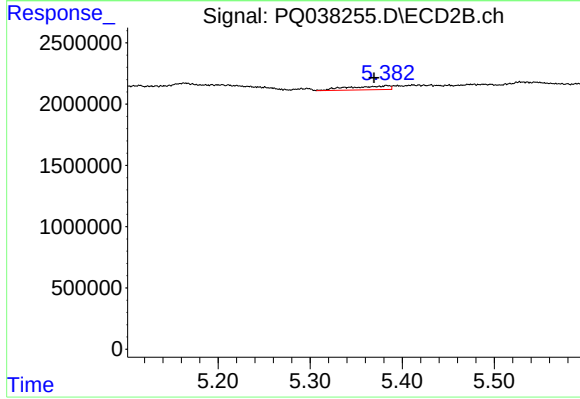
#5 AR-1016-3

R.T.: 5.383 min  
Delta R.T.: 0.052 min  
Response: 963050  
Conc: 12.01 ng/ml



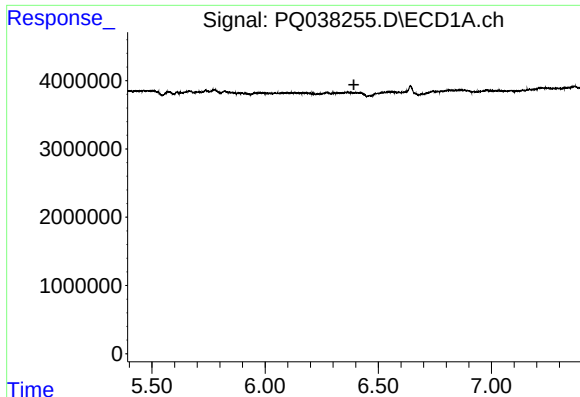
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.097 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

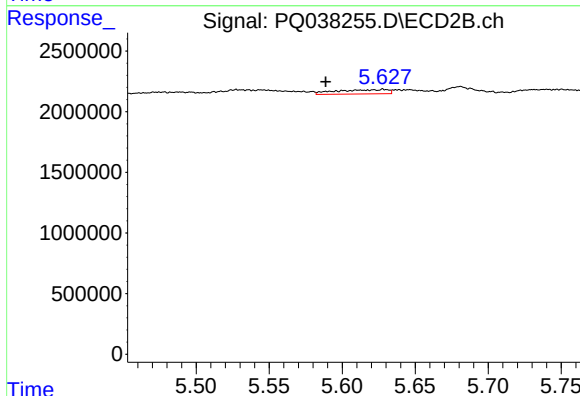
R.T.: 5.383 min  
Delta R.T.: 0.014 min  
Response: 963050  
Conc: 15.17 ng/ml



#7 AR-1016-5

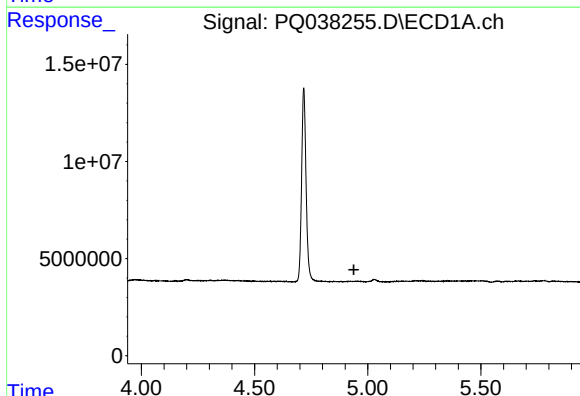
R.T.: 0.000 min  
Exp R.T.: 6.392 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



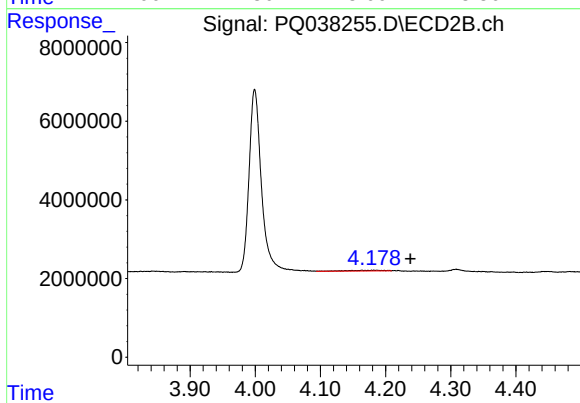
#7 AR-1016-5

R.T.: 5.628 min  
Delta R.T.: 0.040 min  
Response: 876370  
Conc: 10.01 ng/ml



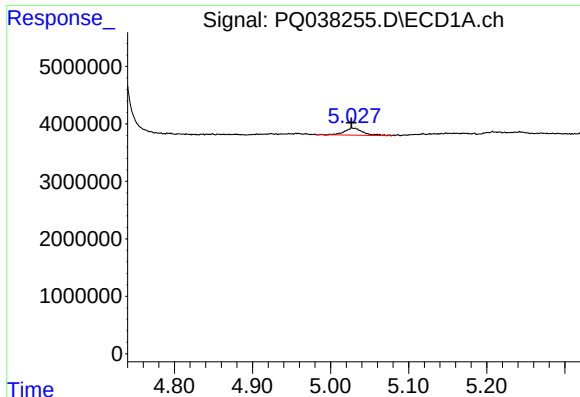
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.939 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

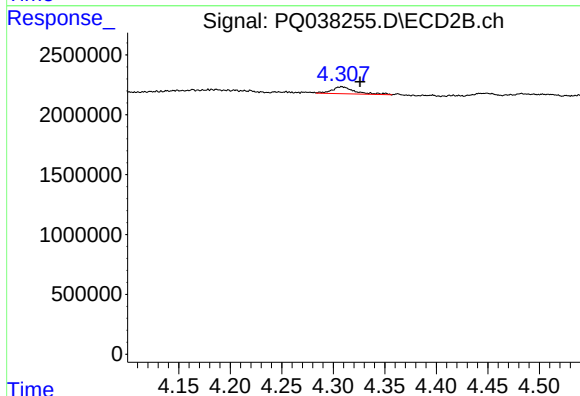
R.T.: 4.182 min  
Delta R.T.: -0.056 min  
Response: 616163  
Conc: 26.40 ng/ml



#9 AR-1221-2

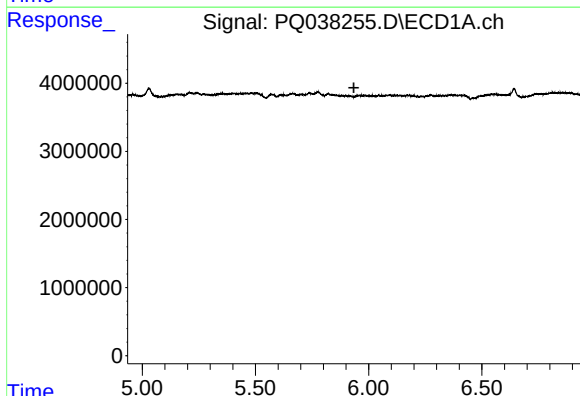
R.T.: 5.028 min  
Delta R.T.: 0.001 min  
Response: 2016336  
Conc: 52.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



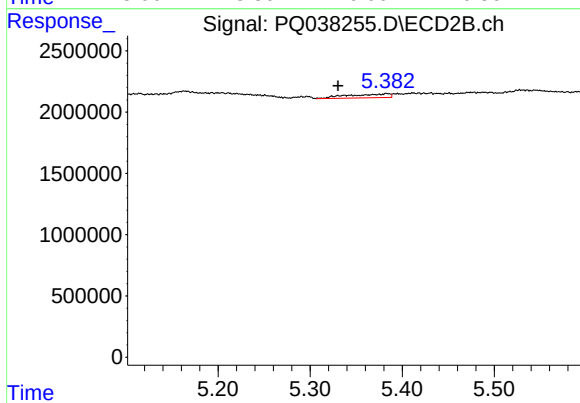
#9 AR-1221-2

R.T.: 4.308 min  
Delta R.T.: -0.018 min  
Response: 918311  
Conc: 55.16 ng/ml



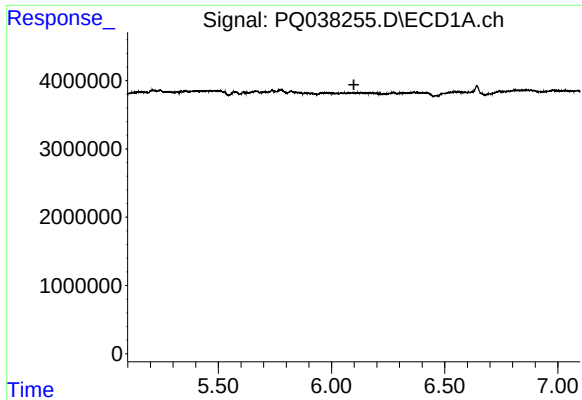
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.935 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

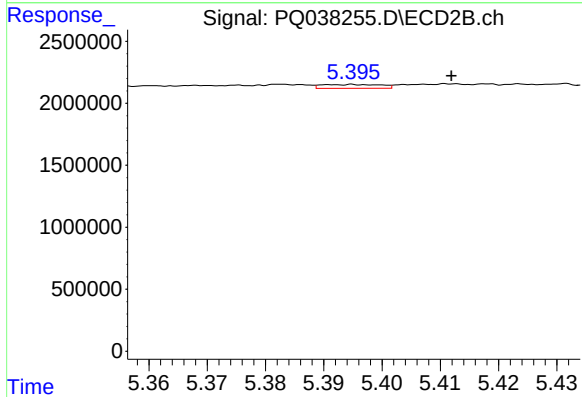
R.T.: 5.383 min  
Delta R.T.: 0.053 min  
Response: 963050  
Conc: 40.03 ng/ml



#14 AR-1232-4

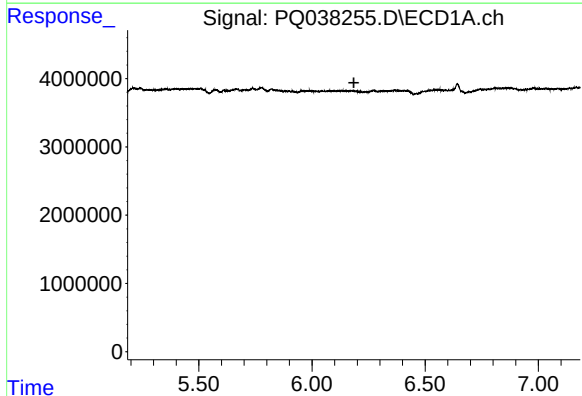
R.T.: 0.000 min  
Exp R.T.: 6.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



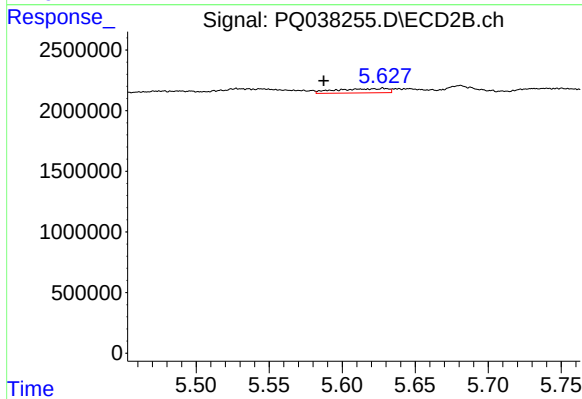
#14 AR-1232-4

R.T.: 5.395 min  
Delta R.T.: -0.017 min  
Response: 218895  
Conc: 9.69 ng/ml



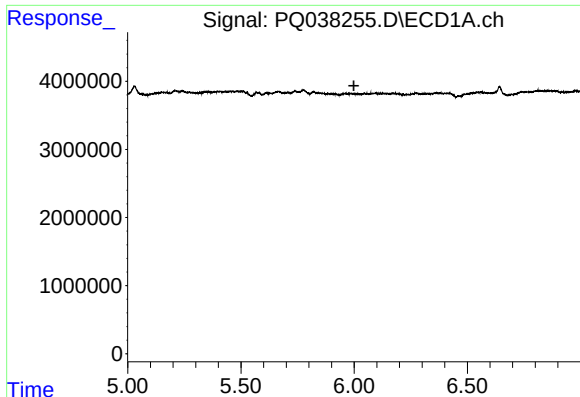
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 6.185 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

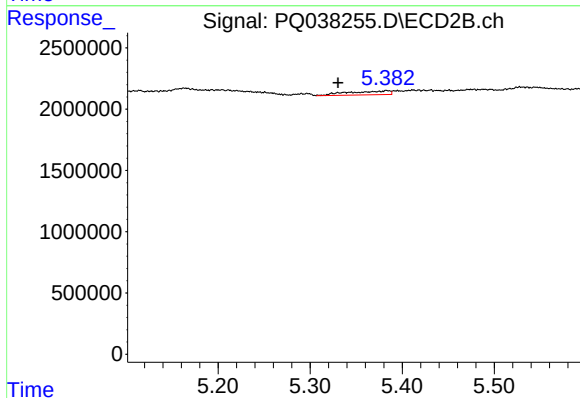
R.T.: 5.628 min  
Delta R.T.: 0.041 min  
Response: 876370  
Conc: 36.21 ng/ml



#18 AR-1242-3

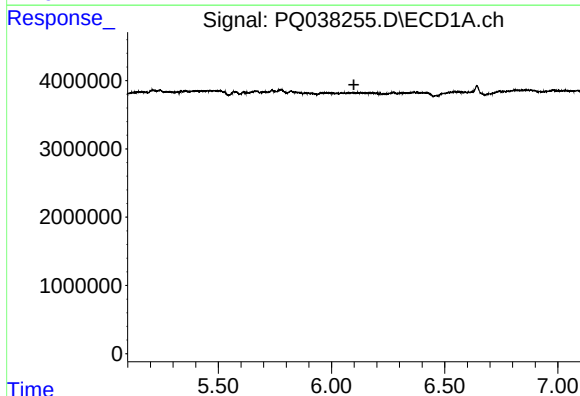
R.T.: 0.000 min  
Exp R.T.: 5.999 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



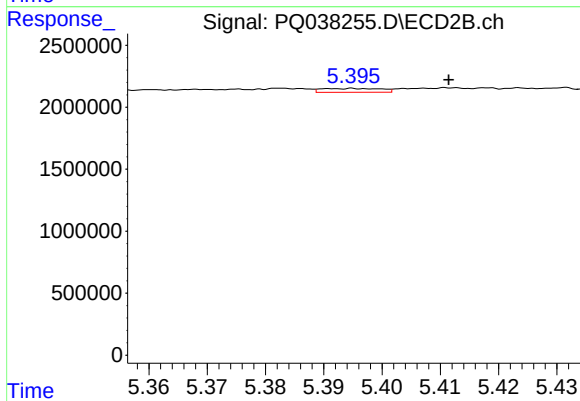
#18 AR-1242-3

R.T.: 5.383 min  
Delta R.T.: 0.053 min  
Response: 963050  
Conc: 17.99 ng/ml



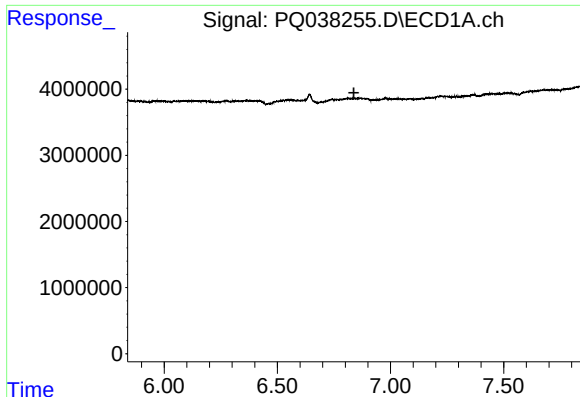
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 6.099 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

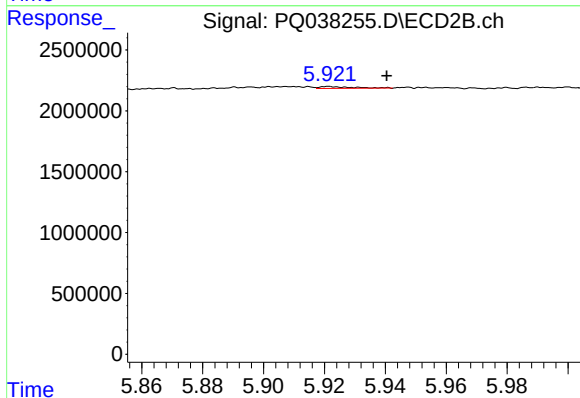
R.T.: 5.395 min  
Delta R.T.: -0.016 min  
Response: 218895  
Conc: 4.03 ng/ml



#20 AR-1242-5

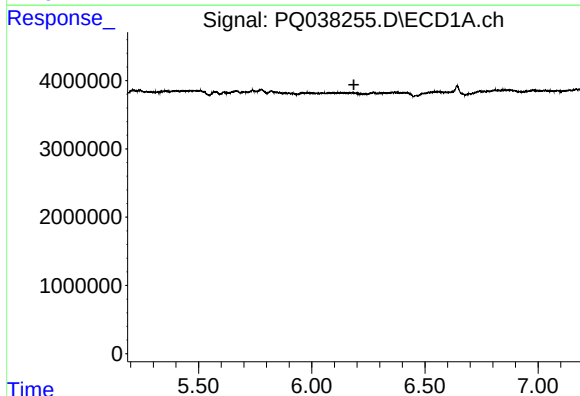
R.T.: 0.000 min  
Exp R.T.: 6.838 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



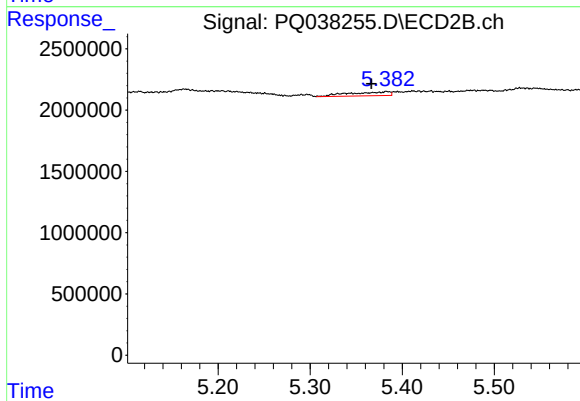
#20 AR-1242-5

R.T.: 5.922 min  
Delta R.T.: -0.019 min  
Response: 110798  
Conc: 1.51 ng/ml



#22 AR-1248-2

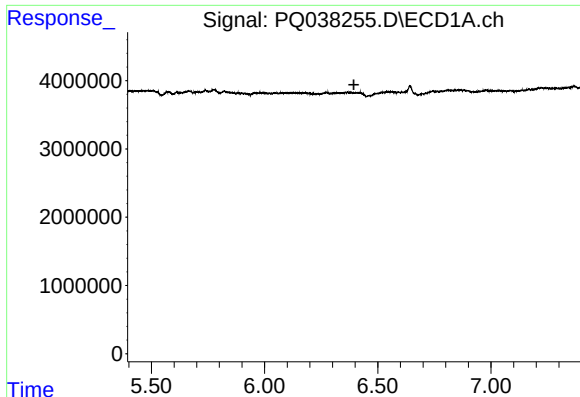
R.T.: 0.000 min  
Exp R.T.: 6.186 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

R.T.: 5.383 min  
Delta R.T.: 0.017 min  
Response: 963050  
Conc: 13.51 ng/ml

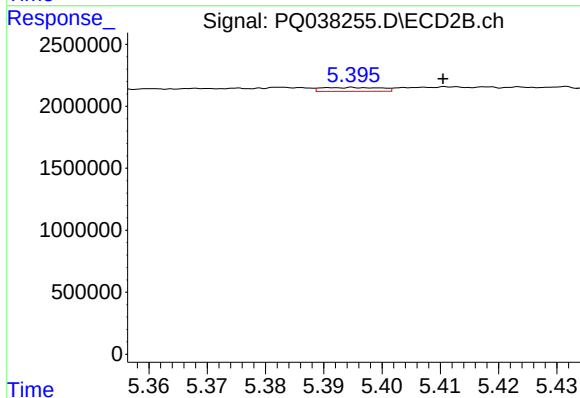




#23 AR-1248-3

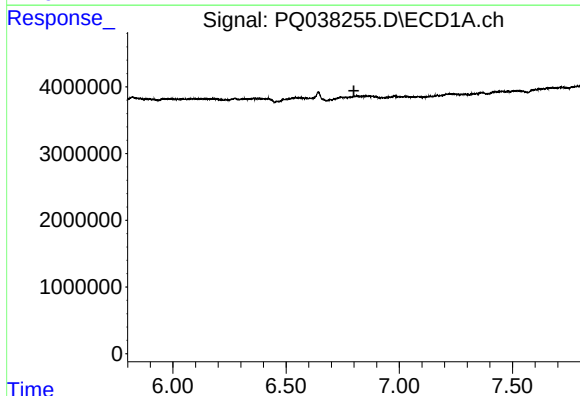
R.T.: 0.000 min  
Exp R.T.: 6.395 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



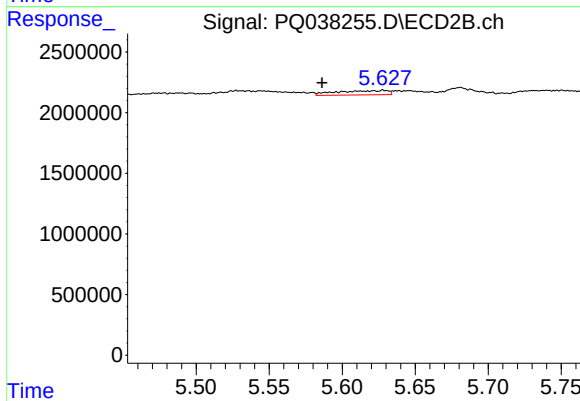
#23 AR-1248-3

R.T.: 5.395 min  
Delta R.T.: -0.015 min  
Response: 218895  
Conc: 2.99 ng/ml



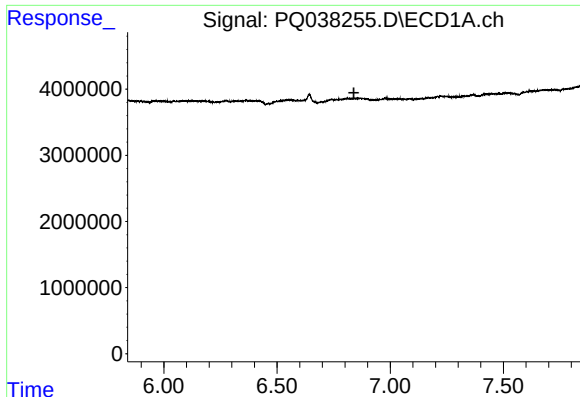
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.800 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

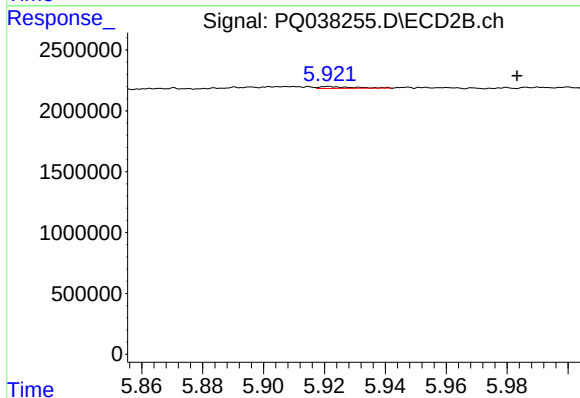
R.T.: 5.628 min  
Delta R.T.: 0.042 min  
Response: 876370  
Conc: 9.69 ng/ml



#25 AR-1248-5

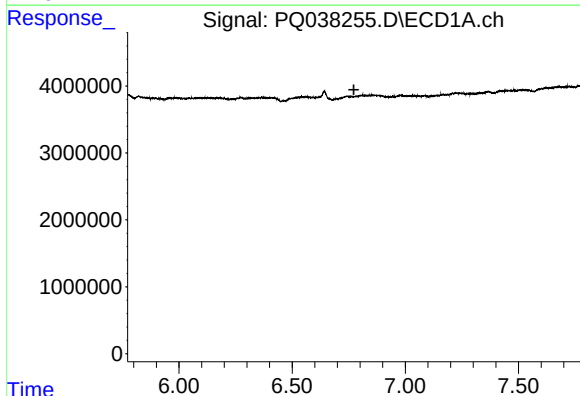
R.T.: 0.000 min  
Exp R.T.: 6.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



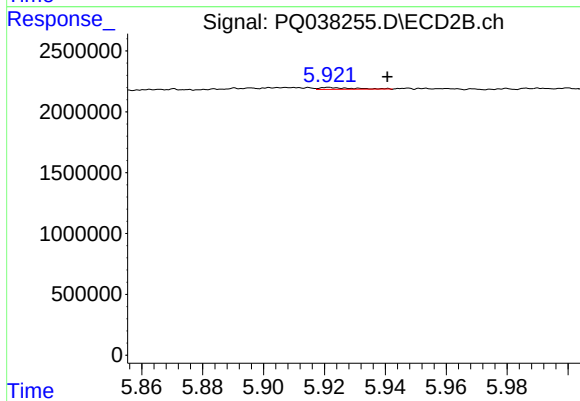
#25 AR-1248-5

R.T.: 5.922 min  
Delta R.T.: -0.062 min  
Response: 110798  
Conc: 1.23 ng/ml



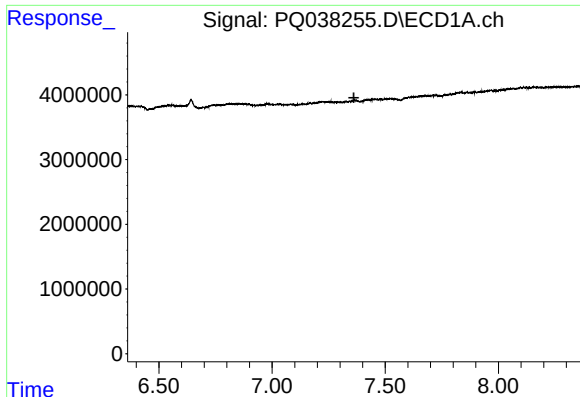
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.773 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

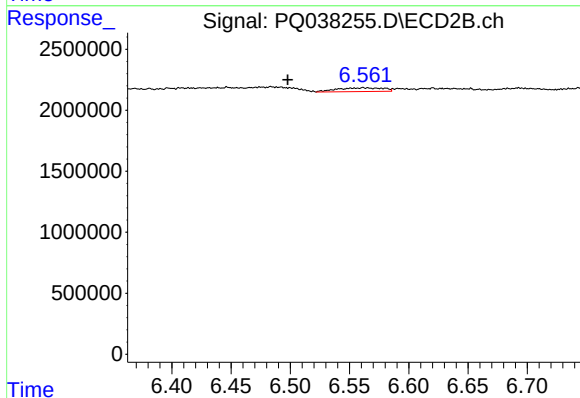
R.T.: 5.922 min  
Delta R.T.: -0.019 min  
Response: 110798  
Conc: 0.69 ng/ml



#28 AR-1254-3

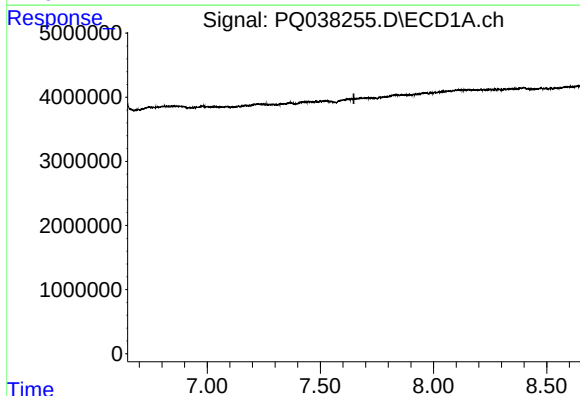
R.T.: 0.000 min  
Exp R.T.: 7.361 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



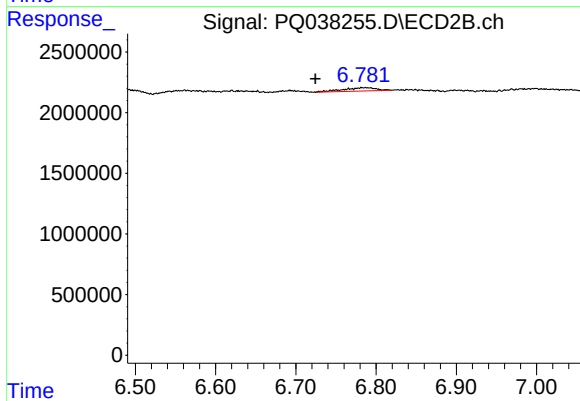
#28 AR-1254-3

R.T.: 6.562 min  
Delta R.T.: 0.064 min  
Response: 828676  
Conc: 3.45 ng/ml



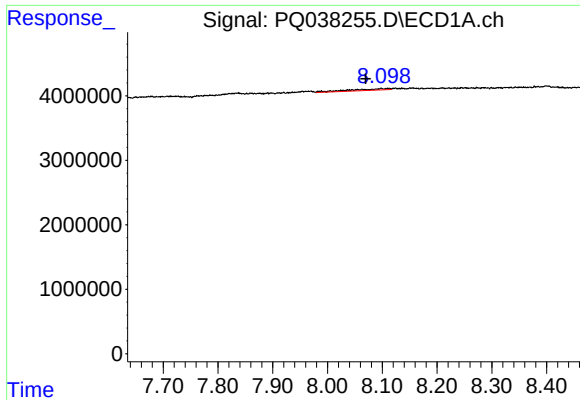
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.648 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

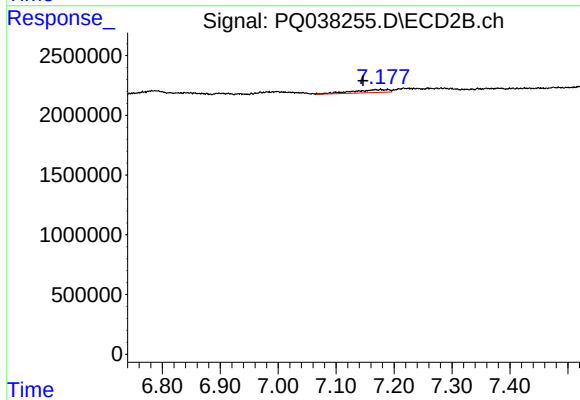
R.T.: 6.787 min  
Delta R.T.: 0.063 min  
Response: 819379  
Conc: 5.29 ng/ml



#30 AR-1254-5

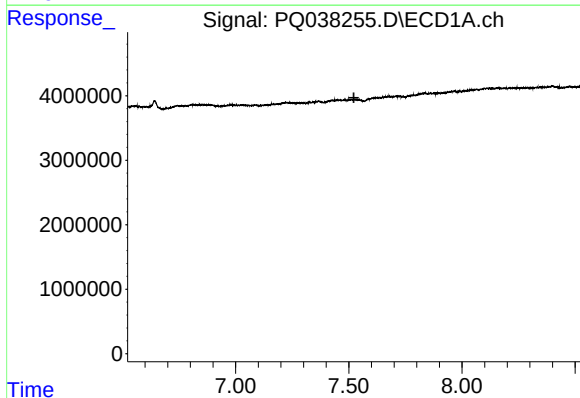
R.T.: 8.098 min  
Delta R.T.: 0.028 min  
Response: 1202523  
Conc: 3.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



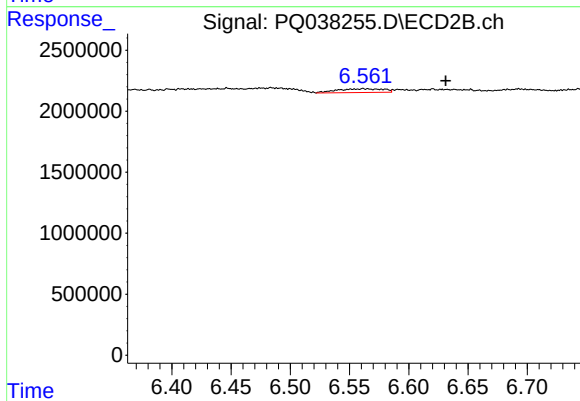
#30 AR-1254-5

R.T.: 7.177 min  
Delta R.T.: 0.030 min  
Response: 1067852  
Conc: 5.27 ng/ml



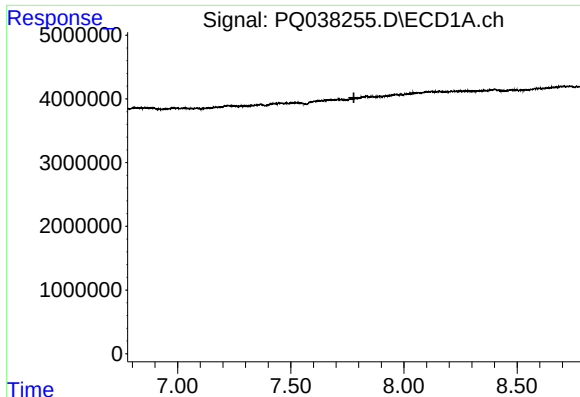
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.522 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

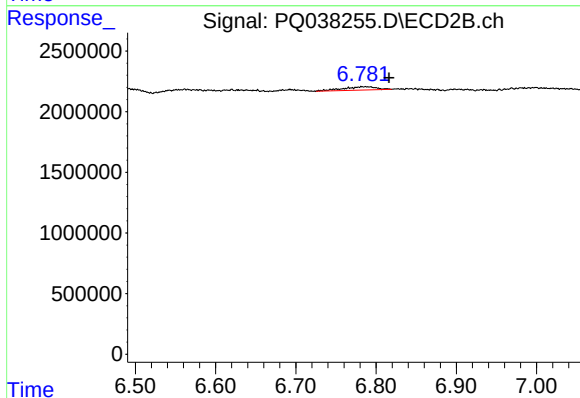
R.T.: 6.562 min  
Delta R.T.: -0.070 min  
Response: 828676  
Conc: 4.05 ng/ml



#32 AR-1260-2

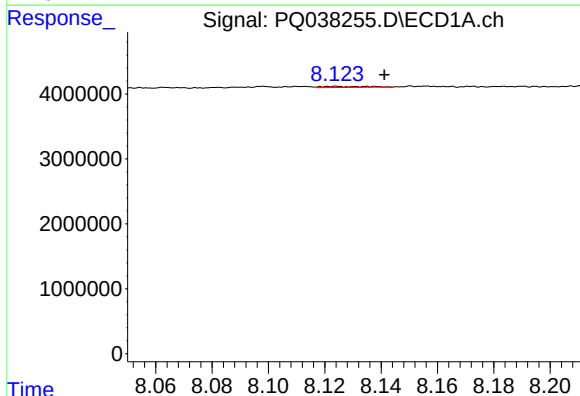
R.T.: 0.000 min  
Exp R.T.: 7.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



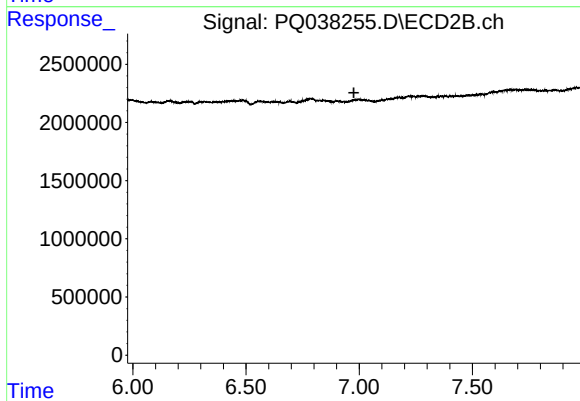
#32 AR-1260-2

R.T.: 6.787 min  
Delta R.T.: -0.029 min  
Response: 819379  
Conc: 3.20 ng/ml



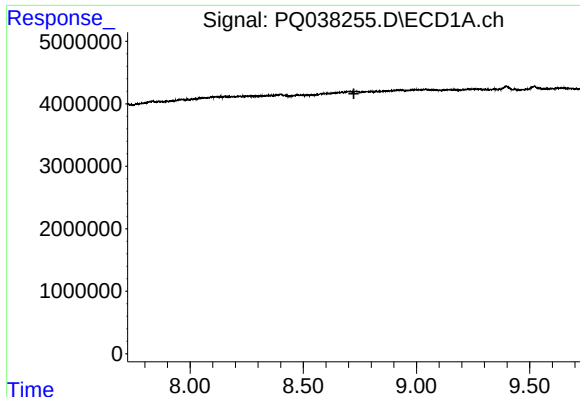
#33 AR-1260-3

R.T.: 8.124 min  
Delta R.T.: -0.017 min  
Response: 165640  
Conc: 0.43 ng/ml



#33 AR-1260-3

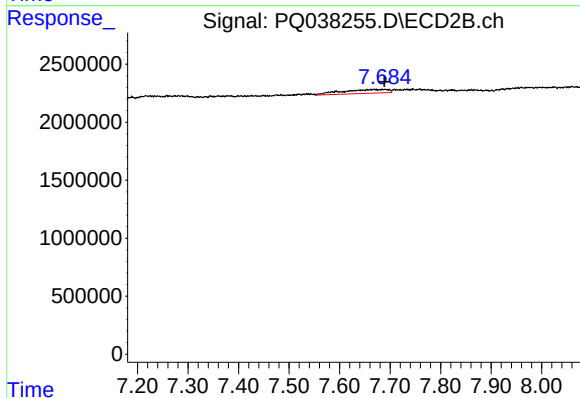
R.T.: 0.000 min  
Exp R.T.: 6.976 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

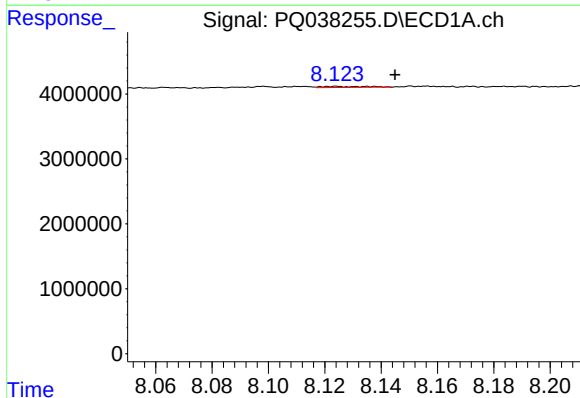
R.T.: 0.000 min  
Exp R.T.: 8.723 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



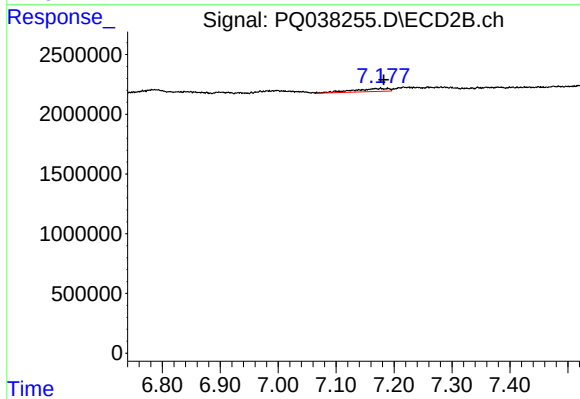
#35 AR-1260-5

R.T.: 7.662 min  
Delta R.T.: -0.026 min  
Response: 2095536  
Conc: 4.26 ng/ml



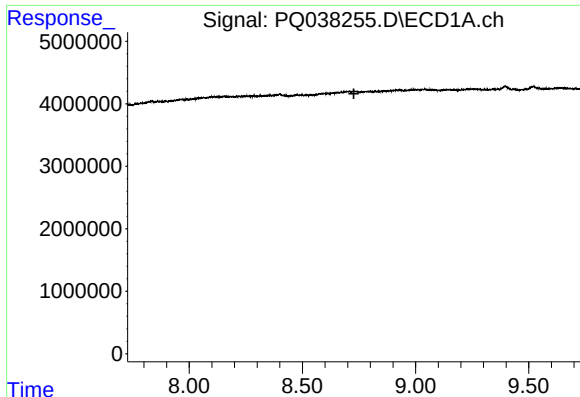
#36 AR-1262-1

R.T.: 8.124 min  
Delta R.T.: -0.021 min  
Response: 165640  
Conc: 0.42 ng/ml



#36 AR-1262-1

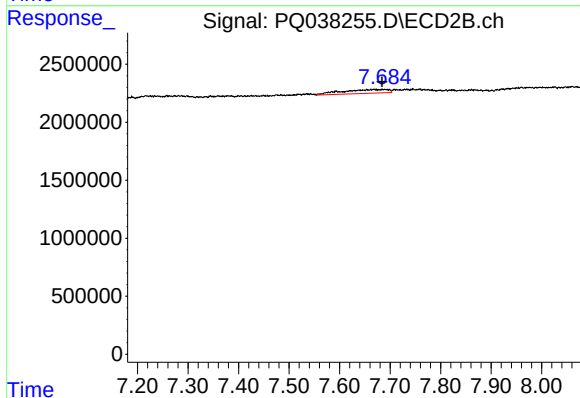
R.T.: 7.177 min  
Delta R.T.: -0.005 min  
Response: 1067852  
Conc: 4.96 ng/ml



#37 AR-1262-2

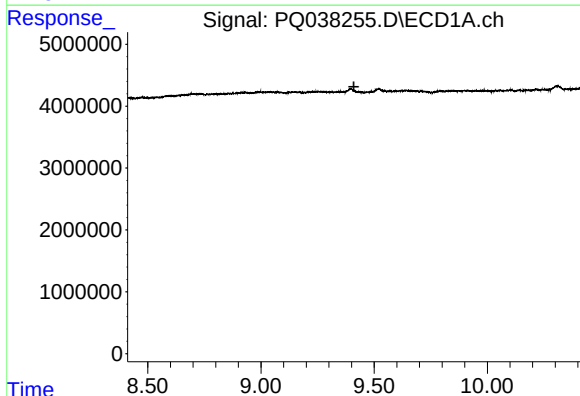
R.T.: 0.000 min  
Exp R.T.: 8.728 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



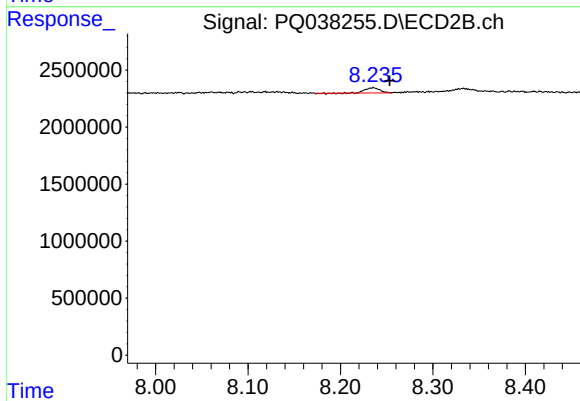
#37 AR-1262-2

R.T.: 7.662 min  
Delta R.T.: -0.022 min  
Response: 2095536  
Conc: 5.38 ng/ml



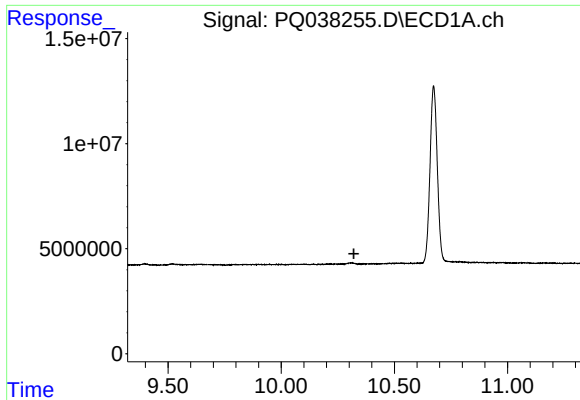
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 9.410 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

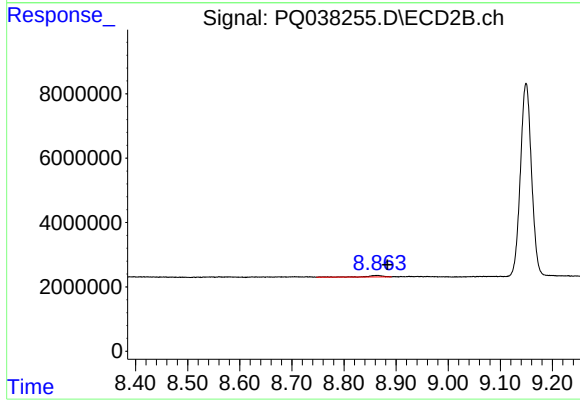
R.T.: 8.235 min  
Delta R.T.: -0.018 min  
Response: 478049  
Conc: 0.76 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.321 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.863 min  
Delta R.T.: -0.020 min  
Response: 950663  
Conc: 0.49 ng/ml