

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101518\  
 Data File : PQ033166.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2018 21:28  
 Operator : SM\SJ  
 Sample : AIBLK39  
 Misc :  
 ALS Vial : 128 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 02:19:01 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 10 08:14:42 2018  
 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... | 4.573  | 3.852 | 46621577 | 34687122 | 22.726 | 22.302   |
| 2)                          | SA Decachlor... | 10.408 | 8.905 | 78482143 | 67503537 | 41.518 | 41.991   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.960 | 0        | 162771   | N.D.   | 2.843 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.960 | 0        | 162771   | N.D.   | 2.043 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.151 | 0        | 41772    | N.D.   | 1.007 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.212 | 0        | 22745    | N.D.   | 0.664 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.410 | 0        | 14687    | N.D.   | 0.321 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.161 | 0        | 196911   | N.D.   | 14.887 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.265 | 0        | 48606    | N.D.   | 1.063 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.265 | 0        | 48606    | N.D.   | 1.405 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.960 | 0        | 162771   | N.D.   | 4.329 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.151 | 0        | 41772    | N.D.   | 2.133 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.219 | 0        | 23354    | N.D.   | 1.361 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.410 | 0        | 14687    | N.D.   | 0.753 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.953 | 0        | 93289    | N.D.   | 1.917 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.960 | 0        | 162771   | N.D.   | 2.411 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.151 | 0        | 41772    | N.D.   | 1.140 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.219 | 0        | 23354    | N.D.   | 0.634 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.953 | 0        | 93289    | N.D.   | 2.276 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.212 | 0        | 22745    | N.D.   | 0.414 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.219 | 0        | 23354    | N.D.   | 0.417 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.410 | 0        | 14687    | N.D.   | 0.213 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.945 | 0        | 51469    | N.D.   | 0.521 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.285 | 0        | 142498   | N.D.   | 0.857 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.944 | 0        | 230906   | N.D.   | 1.572 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.431 | 0        | 412677   | N.D.   | 4.394 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.620 | 0        | 143408   | N.D.   | 1.231 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.772 | 0        | 46816    | N.D.   | 0.434 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.244 | 0        | 161986   | N.D.   | 2.107 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.482 | 0        | 252274   | N.D.   | 1.313 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.034 | 0        | 20638    | N.D.   | 0.161 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.482 | 0        | 252274   | N.D.   | 1.053 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.766 | 0        | 29365    | N.D.   | 0.315 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.842 | 0        | 33254    | N.D.   | 0.191 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.766 | 0        | 29365    | N.D.   | 0.086 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.842 | 0        | 33254    | N.D.   | 0.108 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.034 | 0        | 288047   | N.D.   | 1.126 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.644 | 0        | 146642   | N.D.   | 0.175 #  |
| -----                       |                 |        |       |          |          |        |          |

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

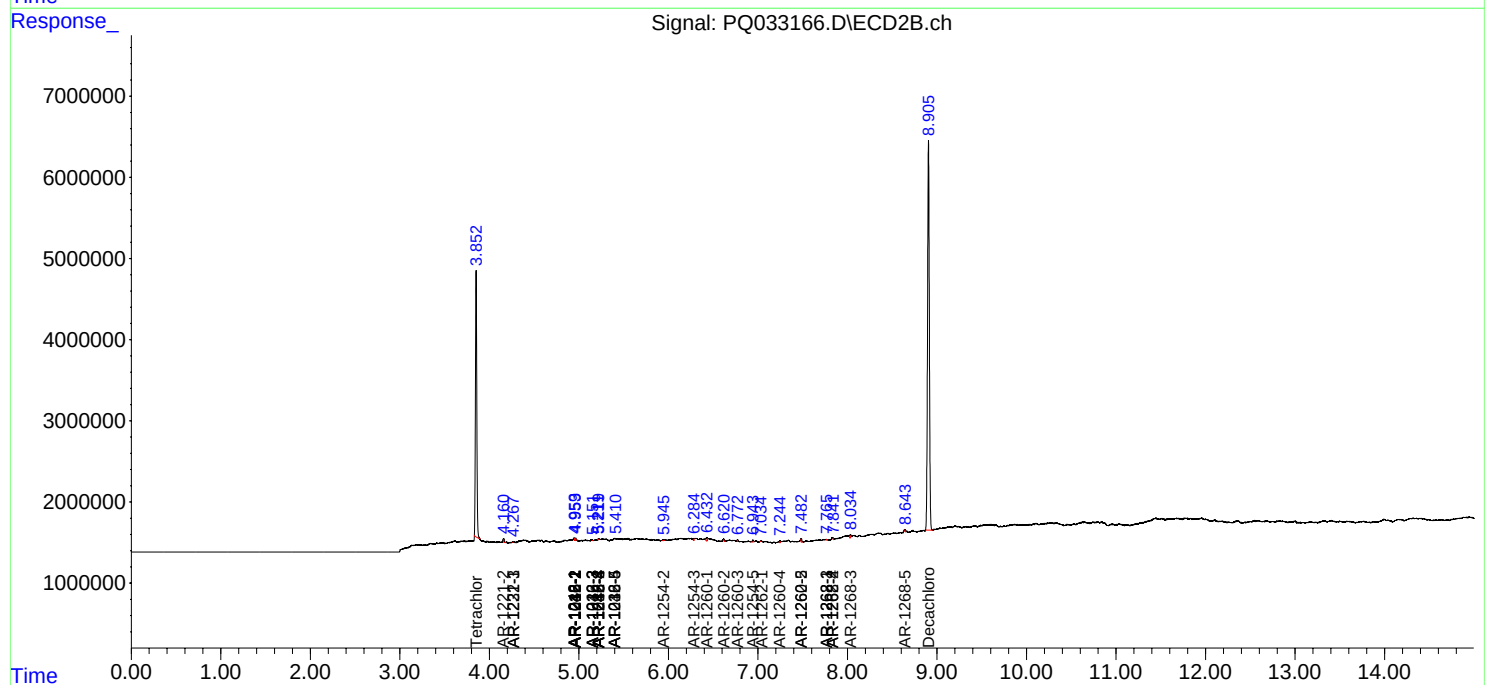
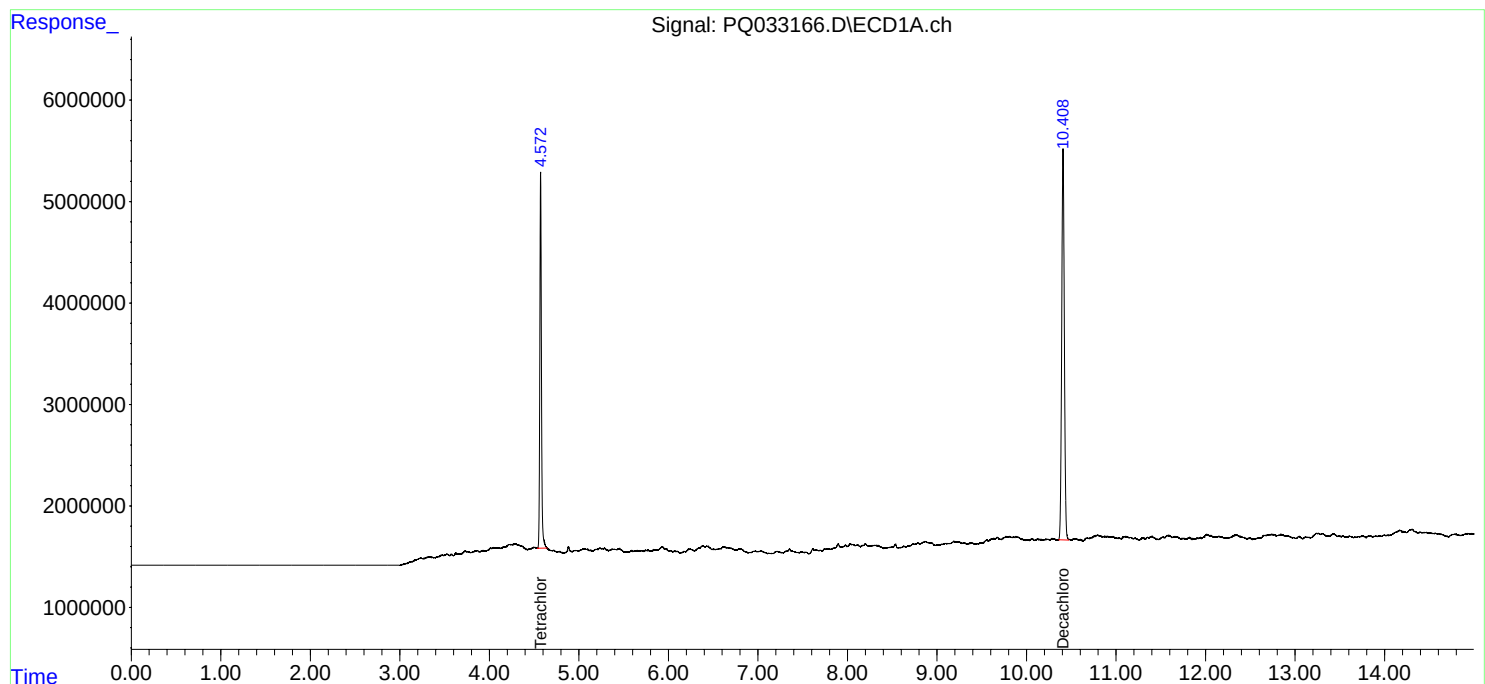
Instrument :  
ECD\_Q  
ClientSampleId :

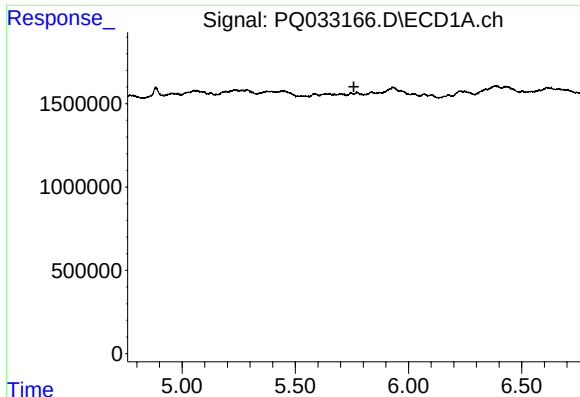
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101518\  
Data File : PQ033166.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2018 21:28  
Operator : SM\SJ  
Sample : AIBLK39  
Misc :  
ALS Vial : 128 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 02:19:01 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 10 08:14:42 2018  
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

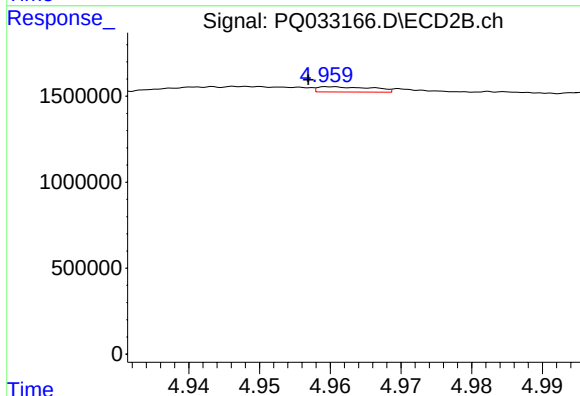




#3 AR-1016-1

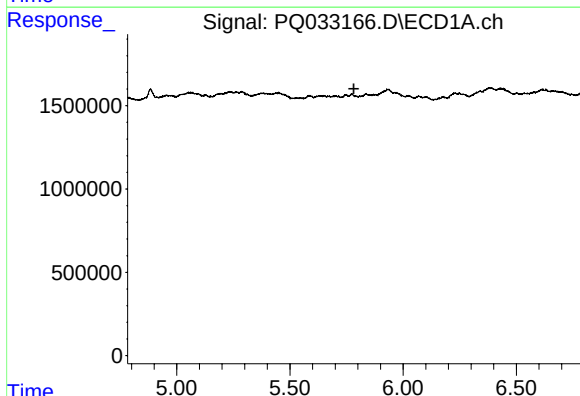
R.T.: 0.000 min  
Exp R.T.: 5.759 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



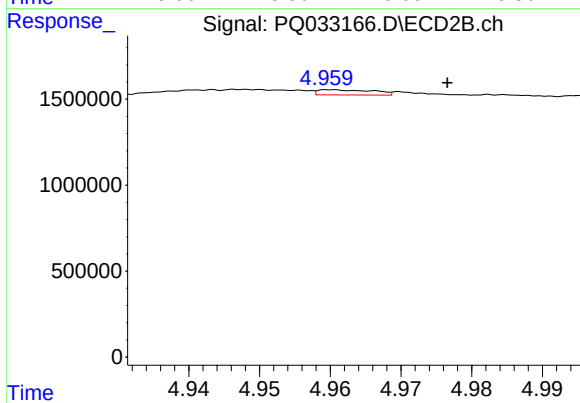
#3 AR-1016-1

R.T.: 4.960 min  
Delta R.T.: 0.004 min  
Response: 162771  
Conc: 2.84 ng/ml



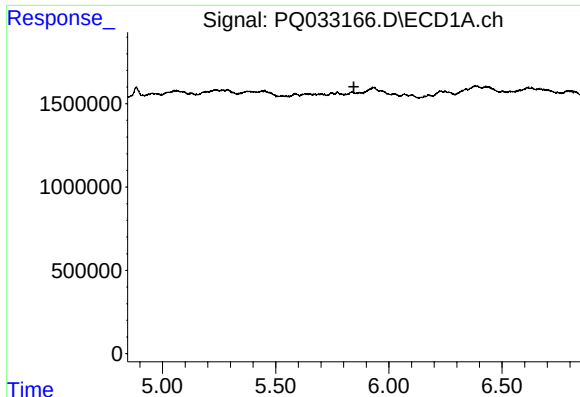
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.782 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

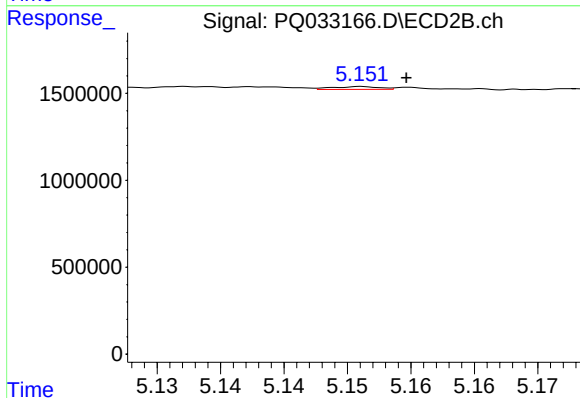
R.T.: 4.960 min  
Delta R.T.: -0.016 min  
Response: 162771  
Conc: 2.04 ng/ml



#5 AR-1016-3

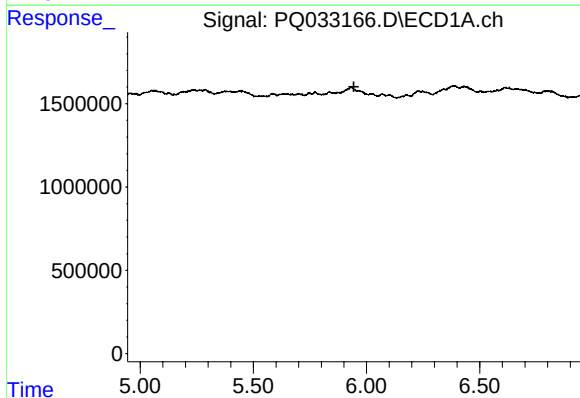
R.T.: 0.000 min  
Exp R.T.: 5.845 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



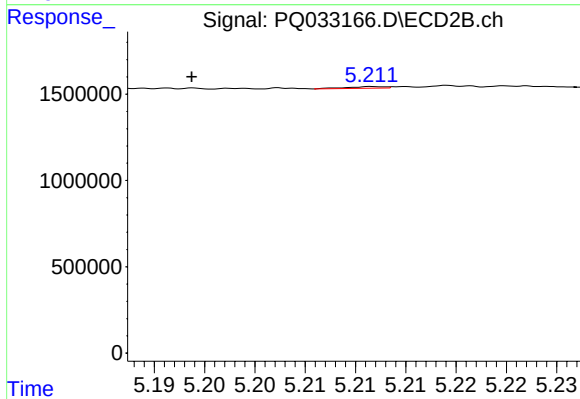
#5 AR-1016-3

R.T.: 5.151 min  
Delta R.T.: -0.003 min  
Response: 41772  
Conc: 1.01 ng/ml



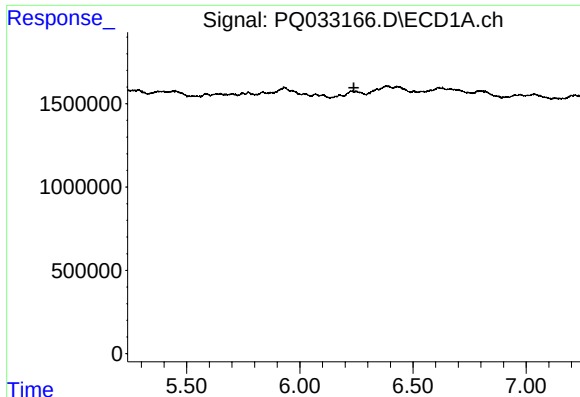
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.944 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

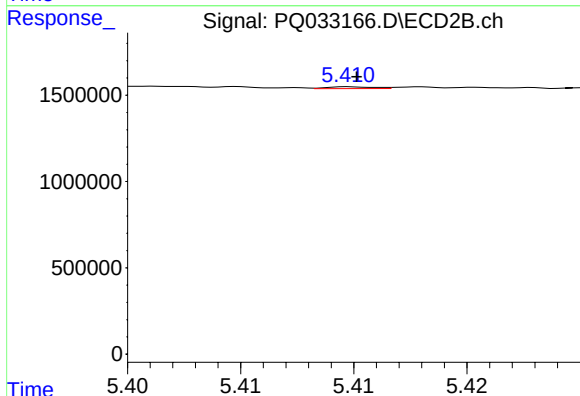
R.T.: 5.212 min  
Delta R.T.: 0.018 min  
Response: 22745  
Conc: 0.66 ng/ml



#7 AR-1016-5

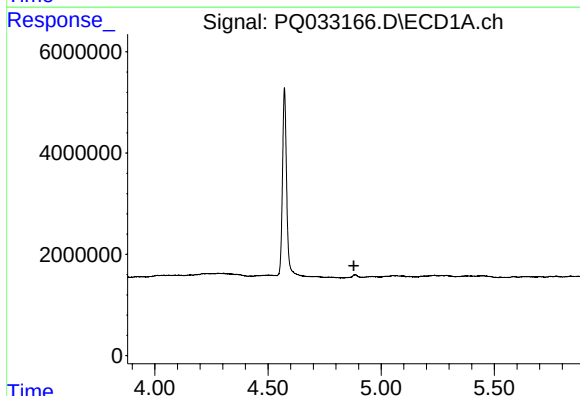
R.T.: 0.000 min  
Exp R.T. : 6.238 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



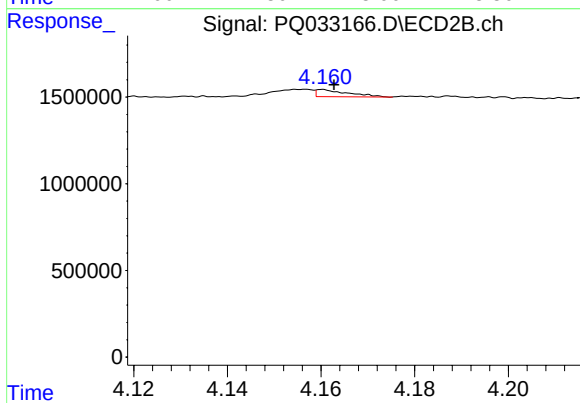
#7 AR-1016-5

R.T.: 5.410 min  
Delta R.T.: 0.000 min  
Response: 14687  
Conc: 0.32 ng/ml



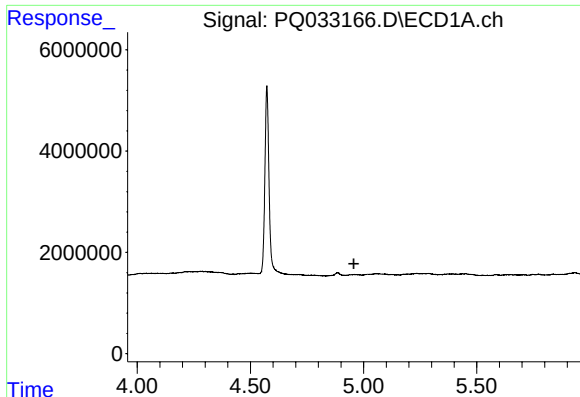
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.879 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

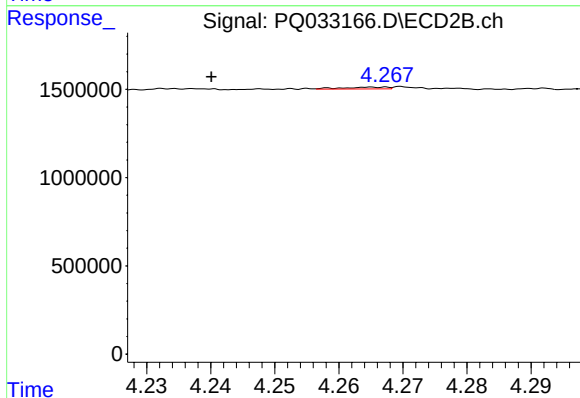
R.T.: 4.161 min  
Delta R.T.: -0.002 min  
Response: 196911  
Conc: 14.89 ng/ml



#10 AR-1221-3

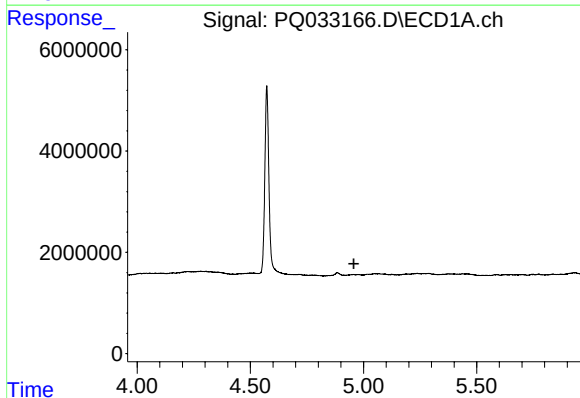
R.T.: 0.000 min  
Exp R.T.: 4.957 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



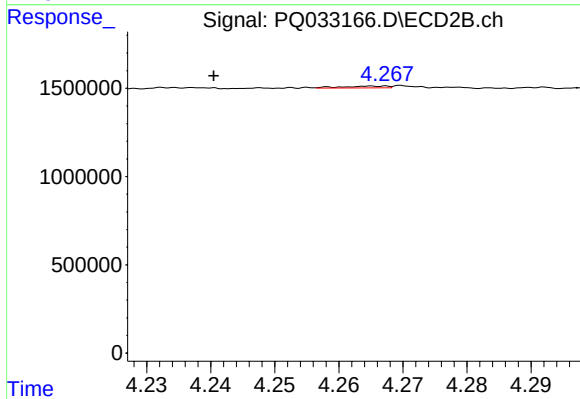
#10 AR-1221-3

R.T.: 4.265 min  
Delta R.T.: 0.025 min  
Response: 48606  
Conc: 1.06 ng/ml



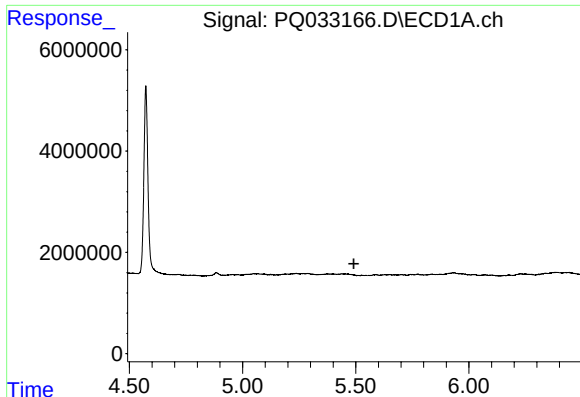
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 4.957 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

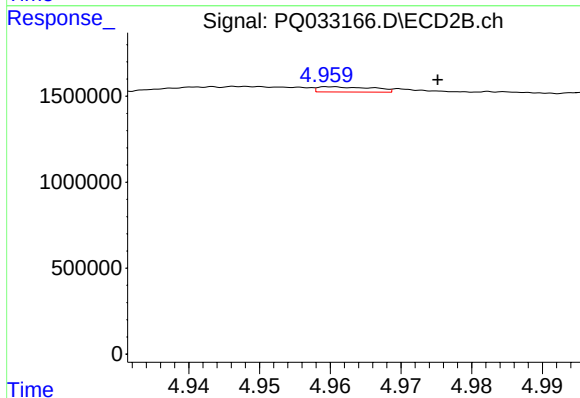
R.T.: 4.265 min  
Delta R.T.: 0.025 min  
Response: 48606  
Conc: 1.40 ng/ml



#12 AR-1232-2

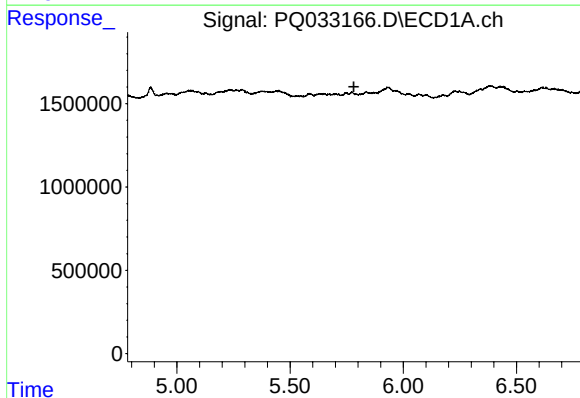
R.T.: 0.000 min  
Exp R.T.: 5.491 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



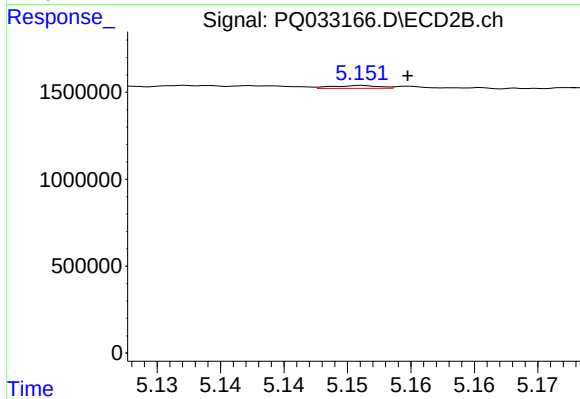
#12 AR-1232-2

R.T.: 4.960 min  
Delta R.T.: -0.015 min  
Response: 162771  
Conc: 4.33 ng/ml



#13 AR-1232-3

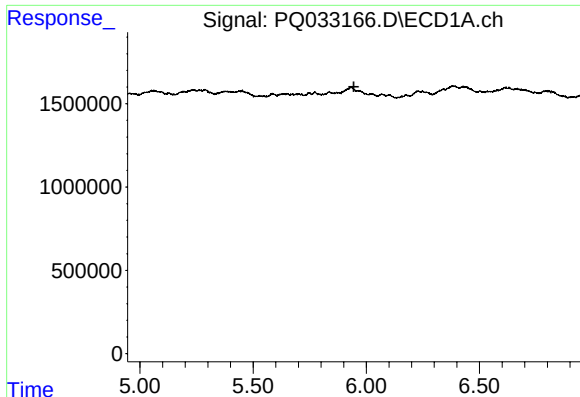
R.T.: 0.000 min  
Exp R.T.: 5.782 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

R.T.: 5.151 min  
Delta R.T.: -0.003 min  
Response: 41772  
Conc: 2.13 ng/ml

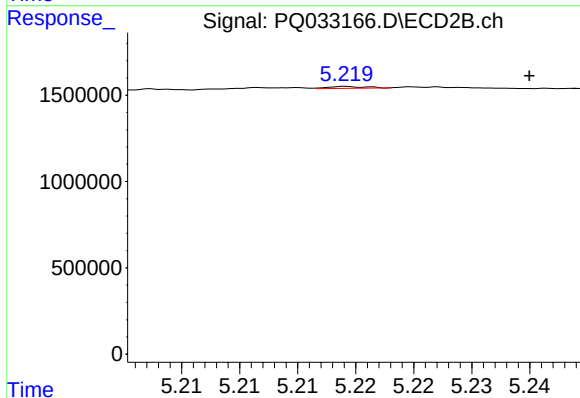




#14 AR-1232-4

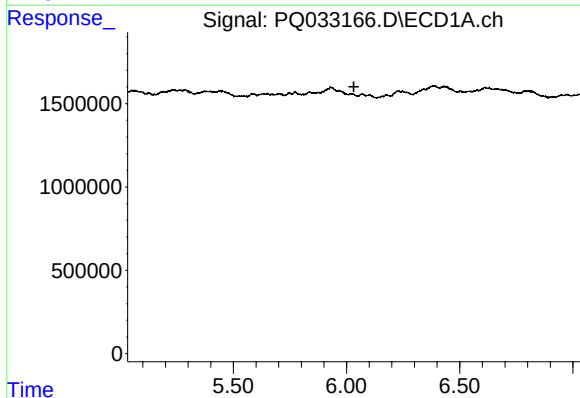
R.T.: 0.000 min  
Exp R.T.: 5.945 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



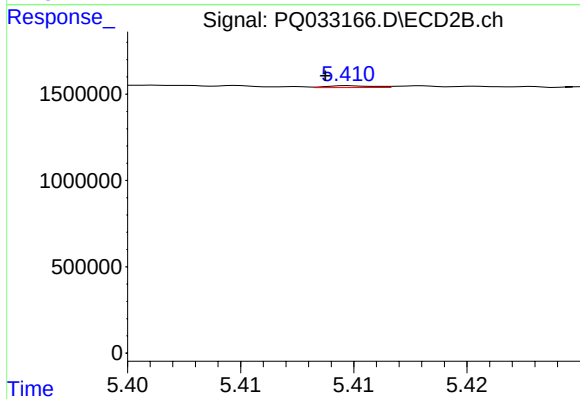
#14 AR-1232-4

R.T.: 5.219 min  
Delta R.T.: -0.016 min  
Response: 23354  
Conc: 1.36 ng/ml



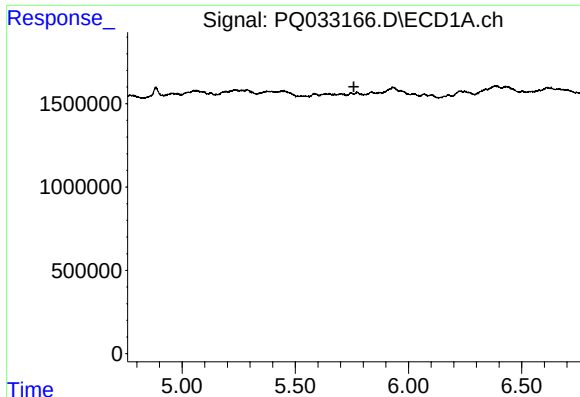
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 6.032 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

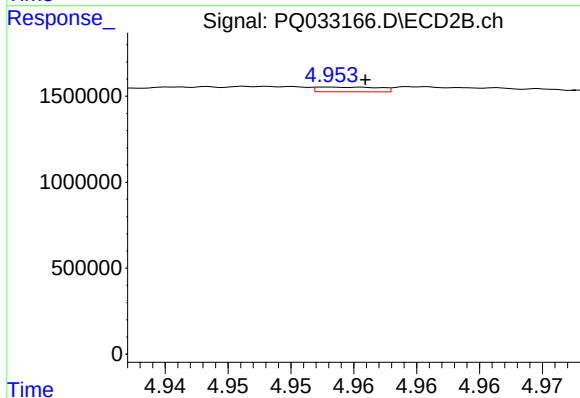
R.T.: 5.410 min  
Delta R.T.: 0.001 min  
Response: 14687  
Conc: 0.75 ng/ml



#16 AR-1242-1

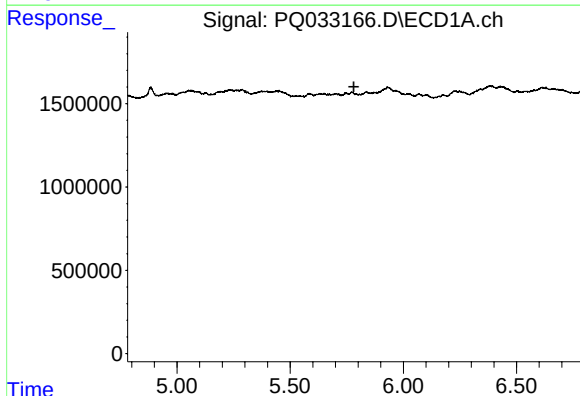
R.T.: 0.000 min  
Exp R.T.: 5.758 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



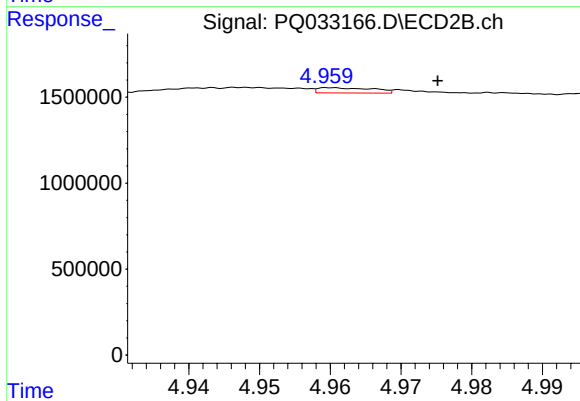
#16 AR-1242-1

R.T.: 4.953 min  
Delta R.T.: -0.003 min  
Response: 93289  
Conc: 1.92 ng/ml



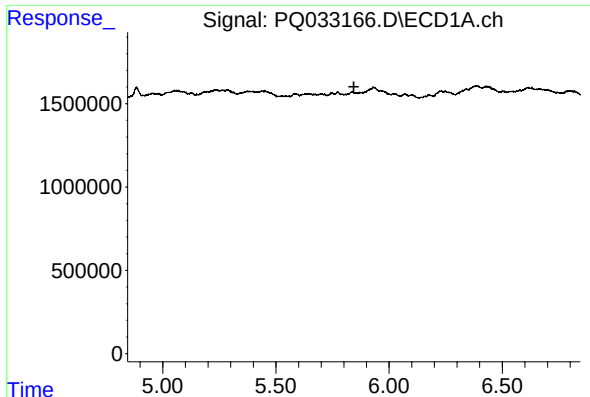
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.781 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

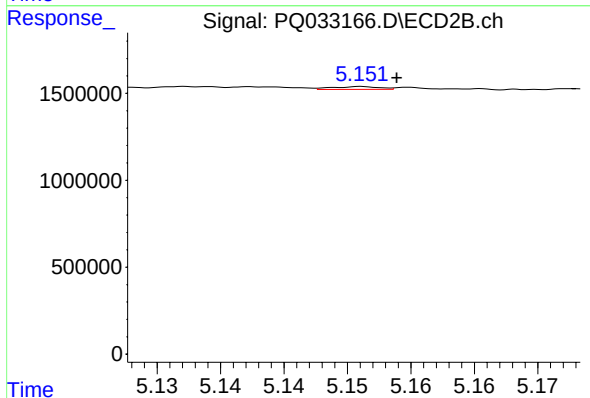
R.T.: 4.960 min  
Delta R.T.: -0.015 min  
Response: 162771  
Conc: 2.41 ng/ml



#18 AR-1242-3

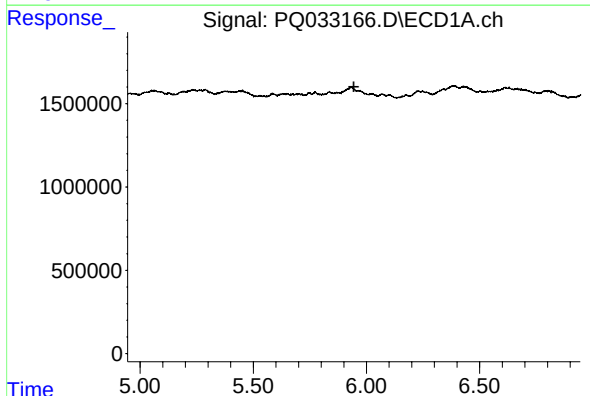
R.T.: 0.000 min  
Exp R.T.: 5.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



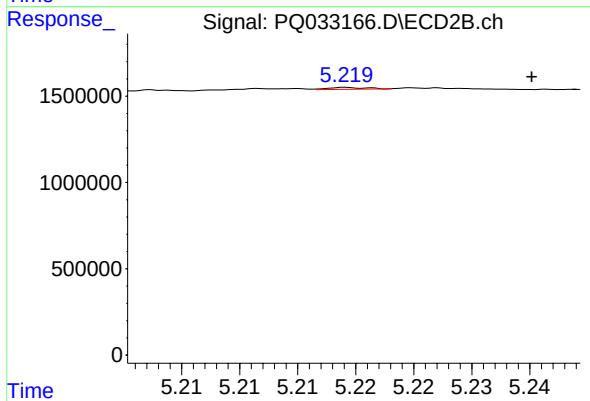
#18 AR-1242-3

R.T.: 5.151 min  
Delta R.T.: -0.002 min  
Response: 41772  
Conc: 1.14 ng/ml



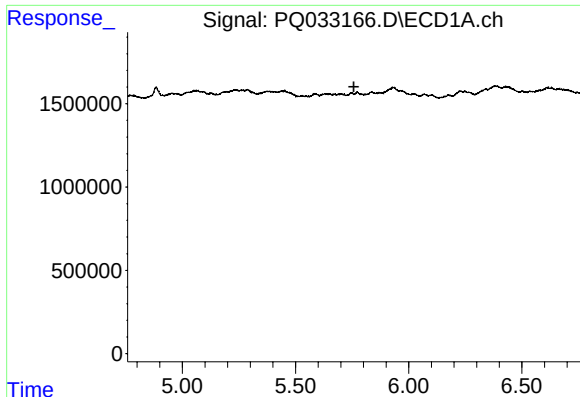
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.944 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

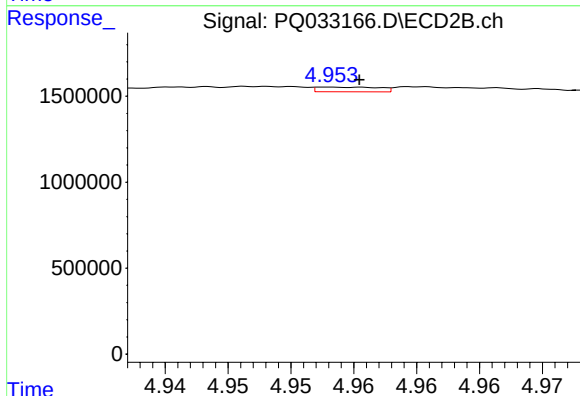
R.T.: 5.219 min  
Delta R.T.: -0.016 min  
Response: 23354  
Conc: 0.63 ng/ml



#21 AR-1248-1

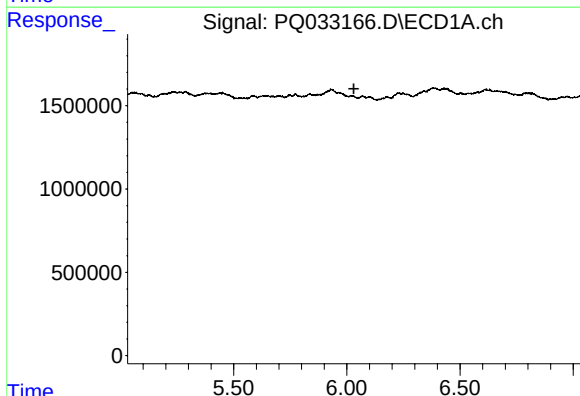
R.T.: 0.000 min  
Exp R.T.: 5.758 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



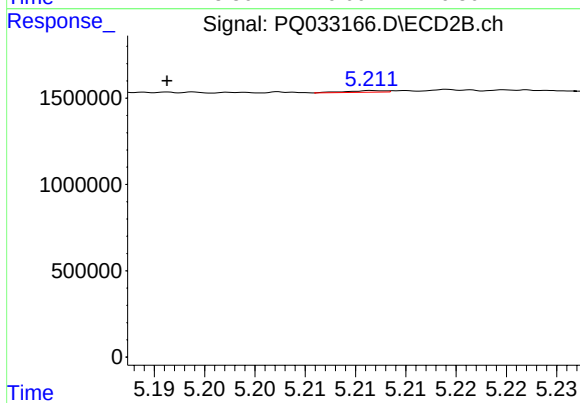
#21 AR-1248-1

R.T.: 4.953 min  
Delta R.T.: -0.002 min  
Response: 93289  
Conc: 2.28 ng/ml



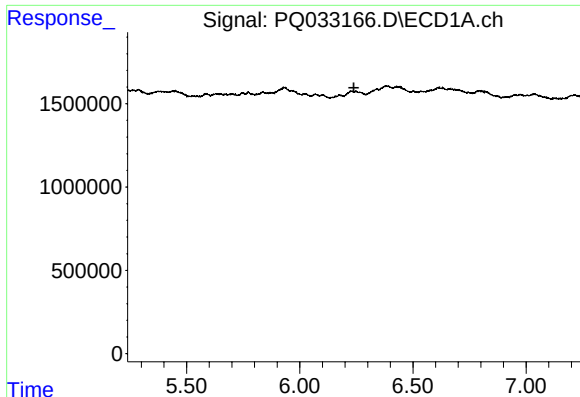
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 6.031 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

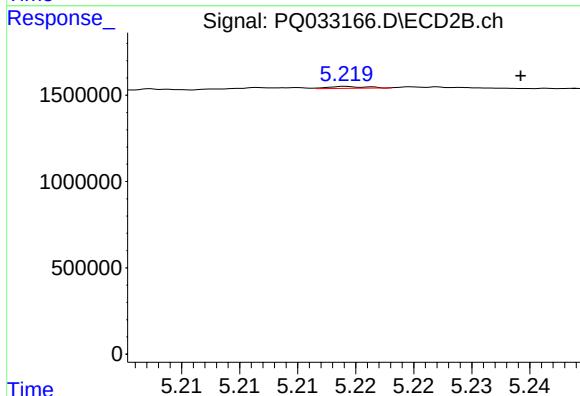
R.T.: 5.212 min  
Delta R.T.: 0.021 min  
Response: 22745  
Conc: 0.41 ng/ml



#23 AR-1248-3

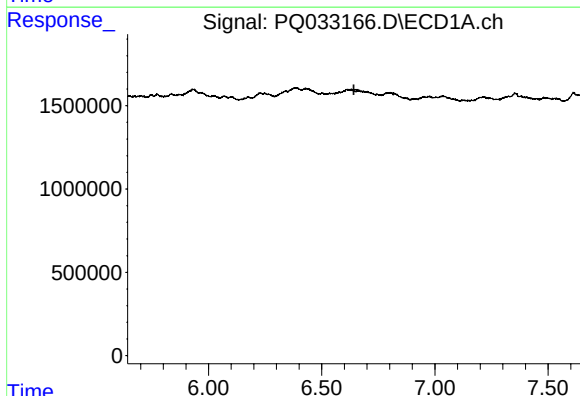
R.T.: 0.000 min  
Exp R.T.: 6.239 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



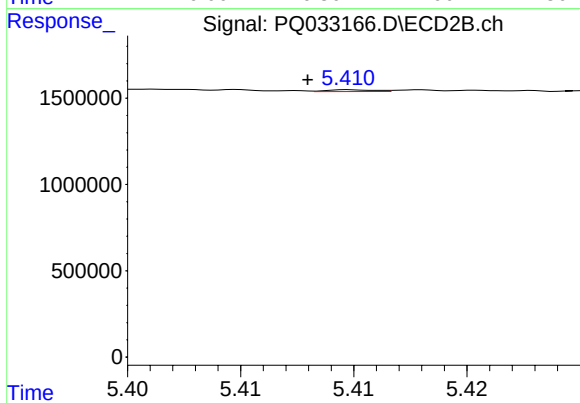
#23 AR-1248-3

R.T.: 5.219 min  
Delta R.T.: -0.015 min  
Response: 23354  
Conc: 0.42 ng/ml



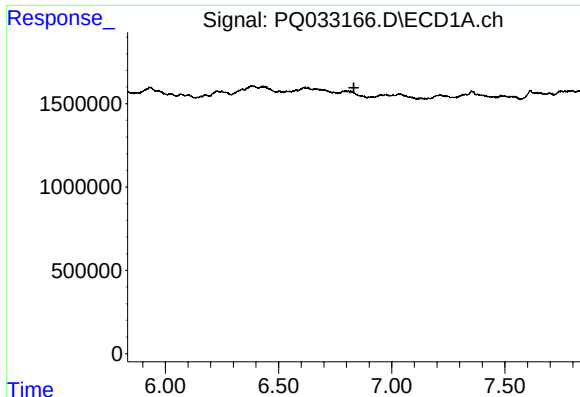
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.642 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

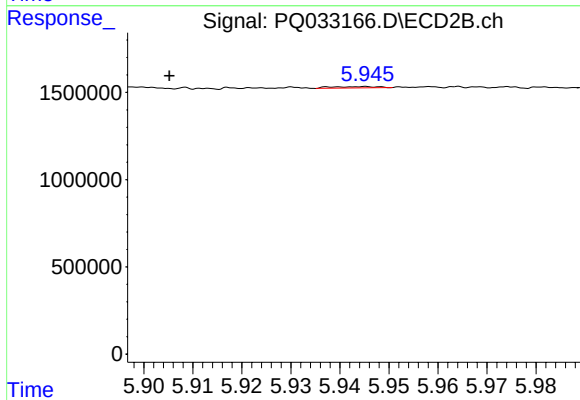
R.T.: 5.410 min  
Delta R.T.: 0.002 min  
Response: 14687  
Conc: 0.21 ng/ml



#27 AR-1254-2

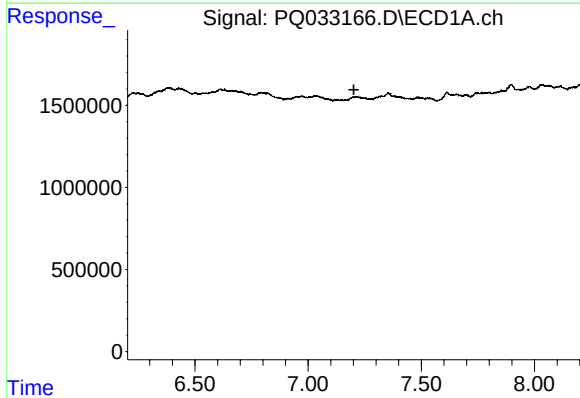
R.T.: 0.000 min  
Exp R.T.: 6.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



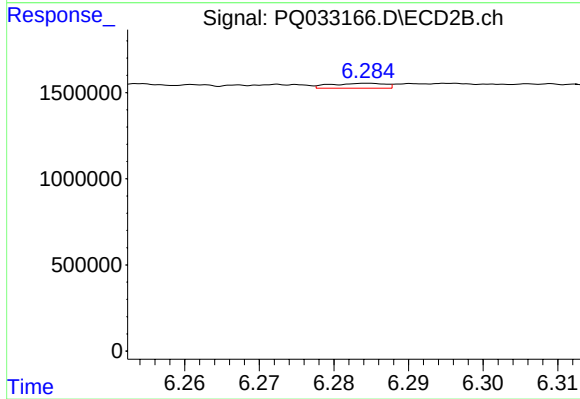
#27 AR-1254-2

R.T.: 5.945 min  
Delta R.T.: 0.040 min  
Response: 51469  
Conc: 0.52 ng/ml



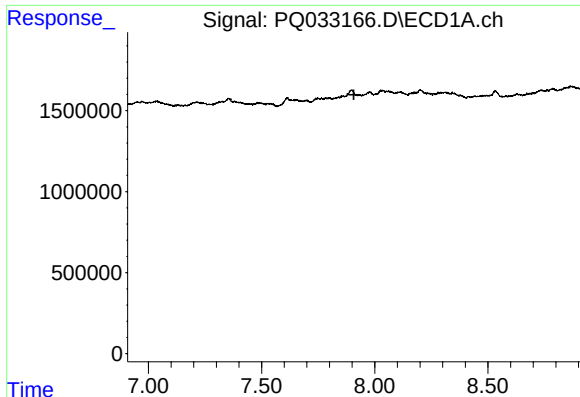
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 7.202 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

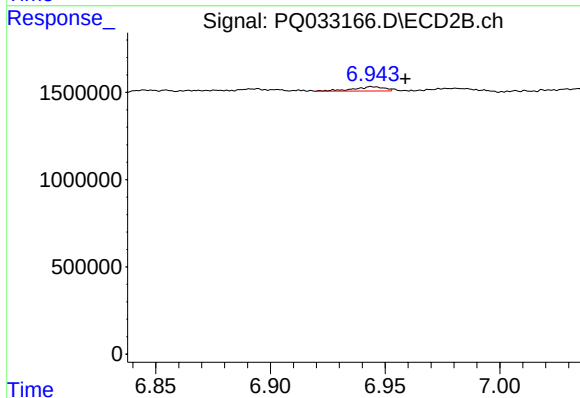
R.T.: 6.285 min  
Delta R.T.: -0.029 min  
Response: 142498  
Conc: 0.86 ng/ml



#30 AR-1254-5

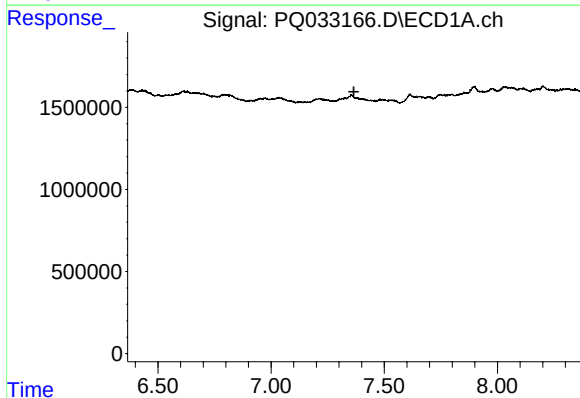
R.T.: 0.000 min  
Exp R.T.: 7.907 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



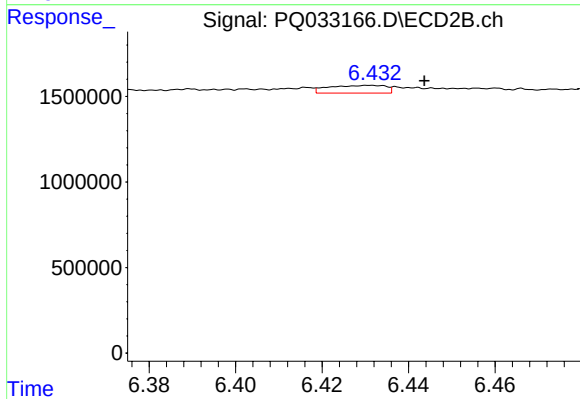
#30 AR-1254-5

R.T.: 6.944 min  
Delta R.T.: -0.015 min  
Response: 230906  
Conc: 1.57 ng/ml



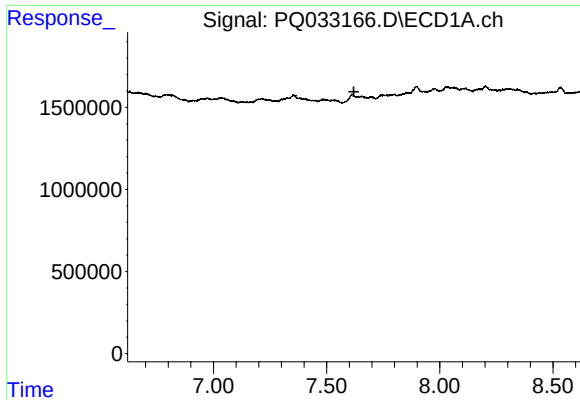
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 7.366 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

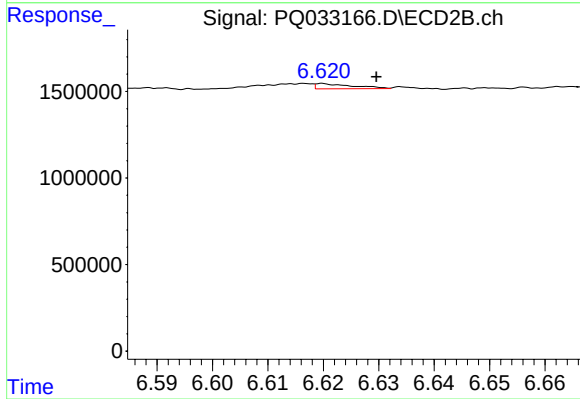
R.T.: 6.431 min  
Delta R.T.: -0.012 min  
Response: 412677  
Conc: 4.39 ng/ml



#32 AR-1260-2

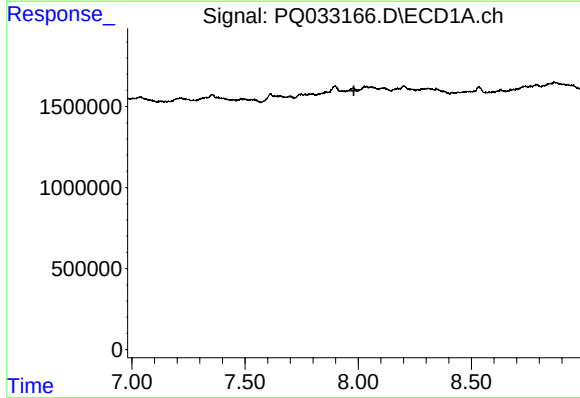
R.T.: 0.000 min  
Exp R.T.: 7.620 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



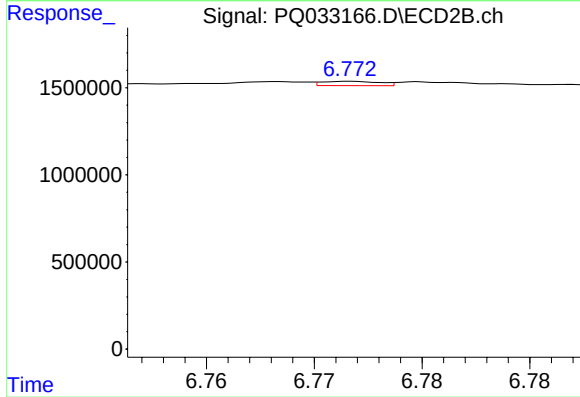
#32 AR-1260-2

R.T.: 6.620 min  
Delta R.T.: -0.010 min  
Response: 143408  
Conc: 1.23 ng/ml



#33 AR-1260-3

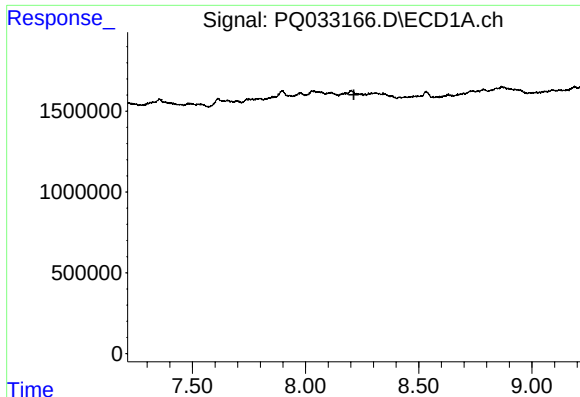
R.T.: 0.000 min  
Exp R.T.: 7.981 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

R.T.: 6.772 min  
Delta R.T.: -0.014 min  
Response: 46816  
Conc: 0.43 ng/ml

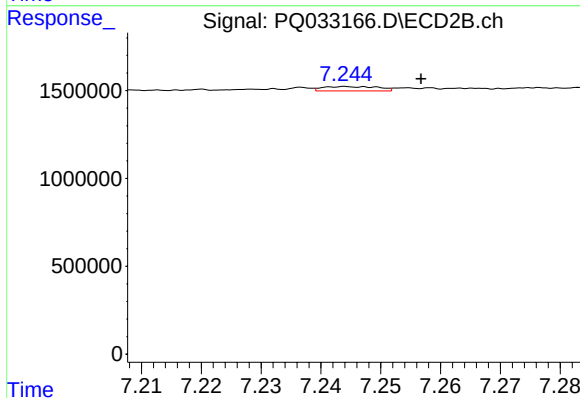




#34 AR-1260-4

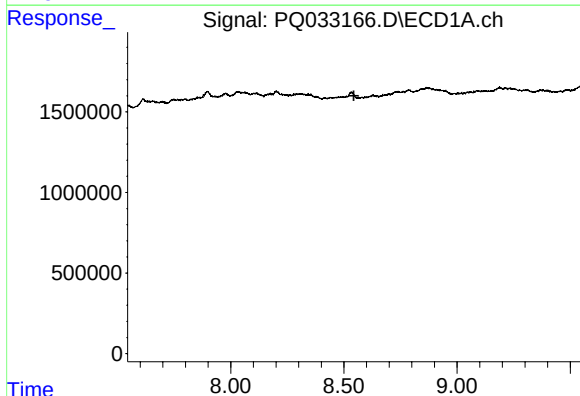
R.T.: 0.000 min  
Exp R.T.: 8.213 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



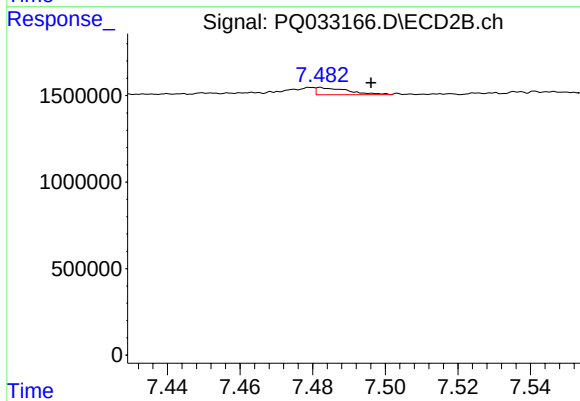
#34 AR-1260-4

R.T.: 7.244 min  
Delta R.T.: -0.013 min  
Response: 161986  
Conc: 2.11 ng/ml



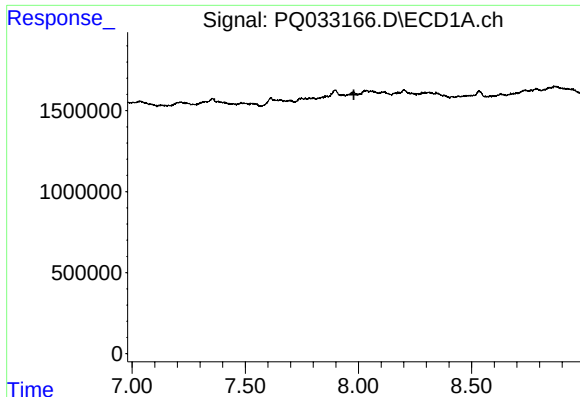
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.544 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

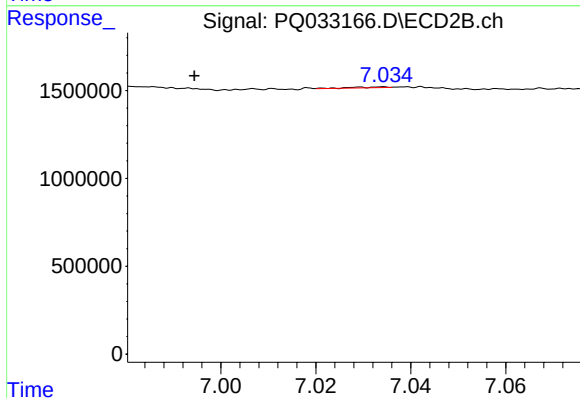
R.T.: 7.482 min  
Delta R.T.: -0.014 min  
Response: 252274  
Conc: 1.31 ng/ml



#36 AR-1262-1

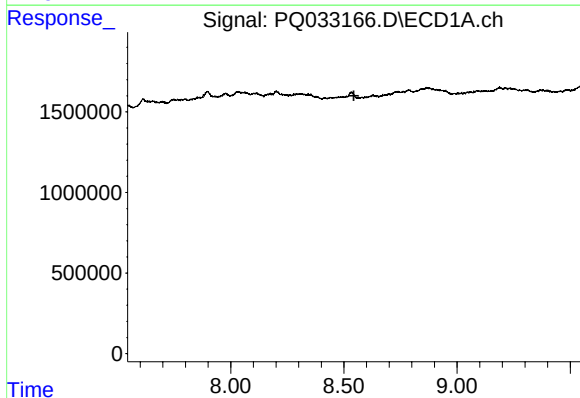
R.T.: 0.000 min  
Exp R.T.: 7.980 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



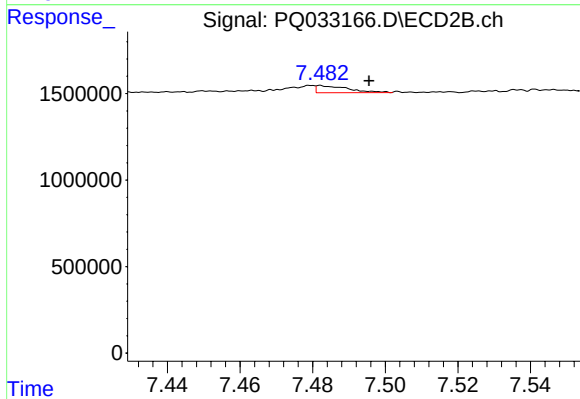
#36 AR-1262-1

R.T.: 7.034 min  
Delta R.T.: 0.040 min  
Response: 20638  
Conc: 0.16 ng/ml



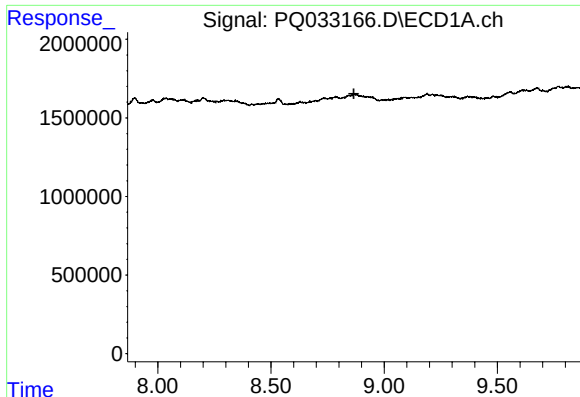
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.544 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

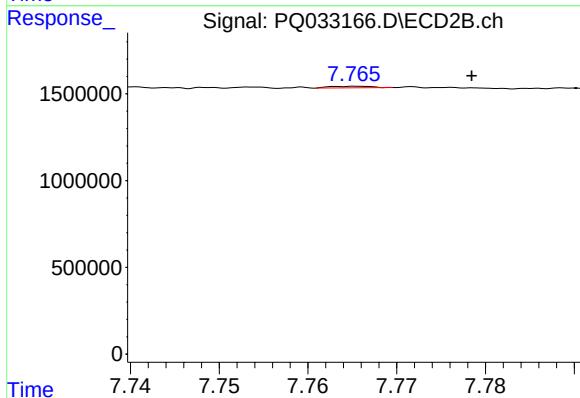
R.T.: 7.482 min  
Delta R.T.: -0.013 min  
Response: 252274  
Conc: 1.05 ng/ml



#38 AR-1262-3

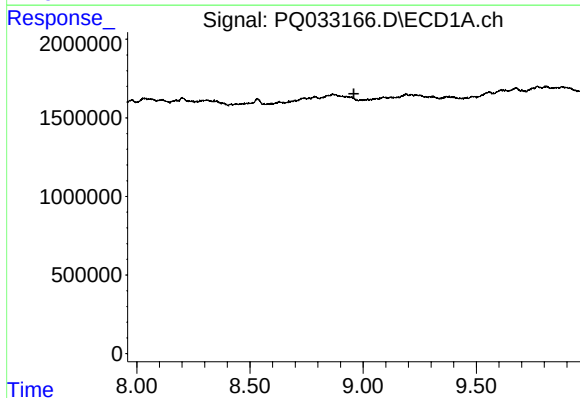
R.T.: 0.000 min  
Exp R.T.: 8.866 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



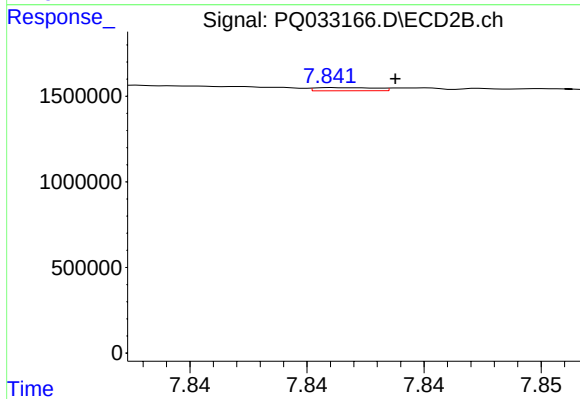
#38 AR-1262-3

R.T.: 7.766 min  
Delta R.T.: -0.013 min  
Response: 29365  
Conc: 0.32 ng/ml



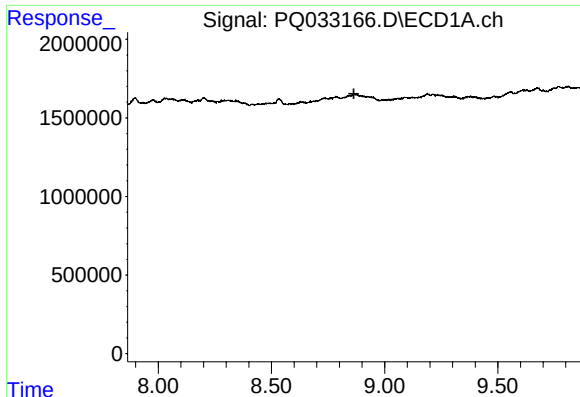
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.959 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

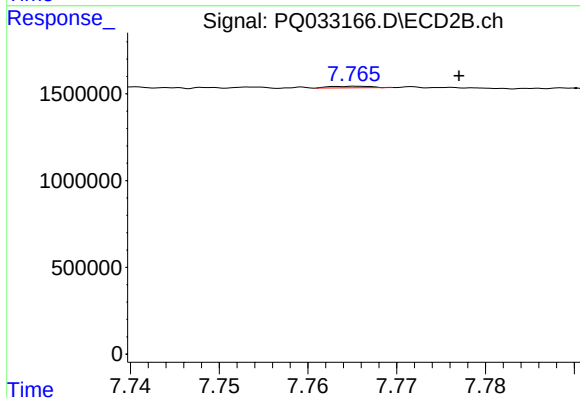
R.T.: 7.842 min  
Delta R.T.: -0.002 min  
Response: 33254  
Conc: 0.19 ng/ml



#41 AR-1268-1

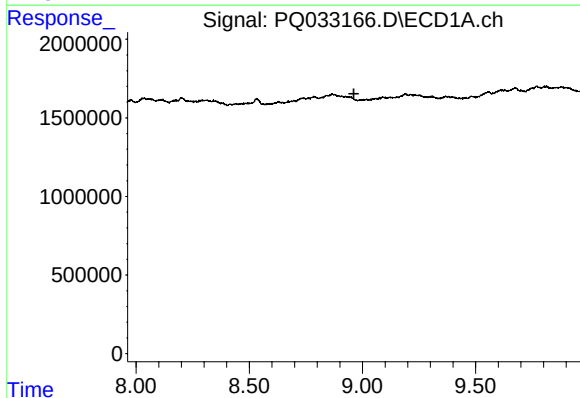
R.T.: 0.000 min  
Exp R.T.: 8.864 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



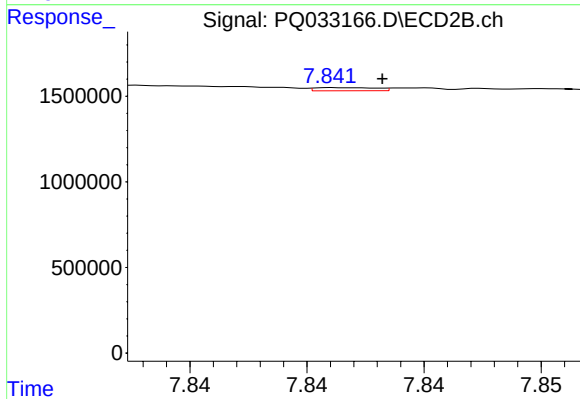
#41 AR-1268-1

R.T.: 7.766 min  
Delta R.T.: -0.011 min  
Response: 29365  
Conc: 0.09 ng/ml



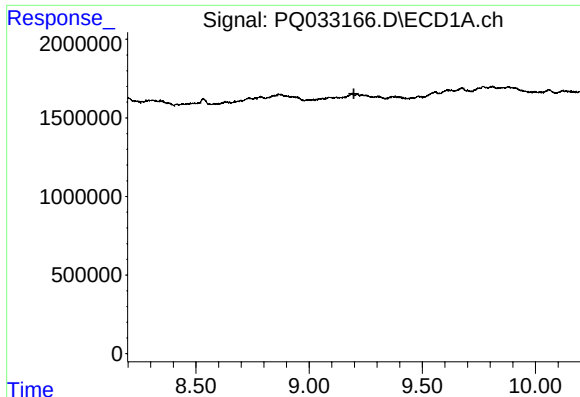
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.962 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

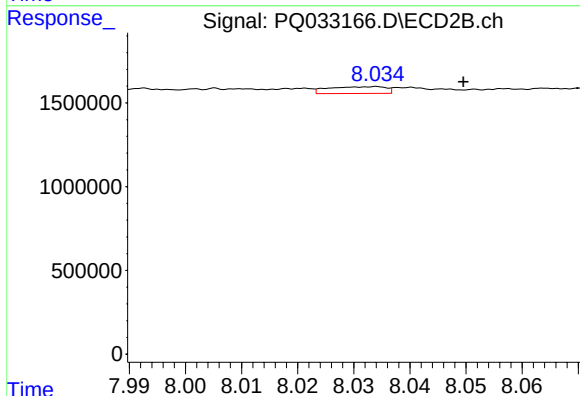
R.T.: 7.842 min  
Delta R.T.: -0.002 min  
Response: 33254  
Conc: 0.11 ng/ml



#43 AR-1268-3

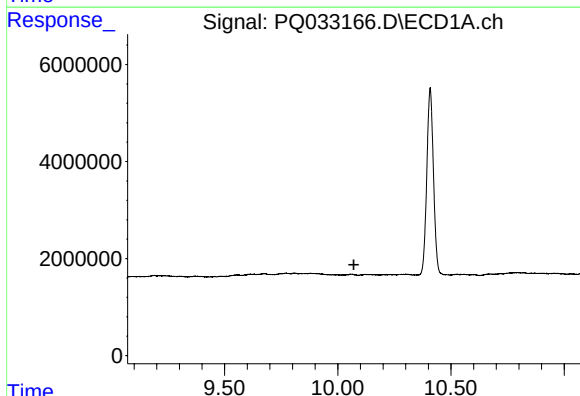
R.T.: 0.000 min  
Exp R.T.: 9.197 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



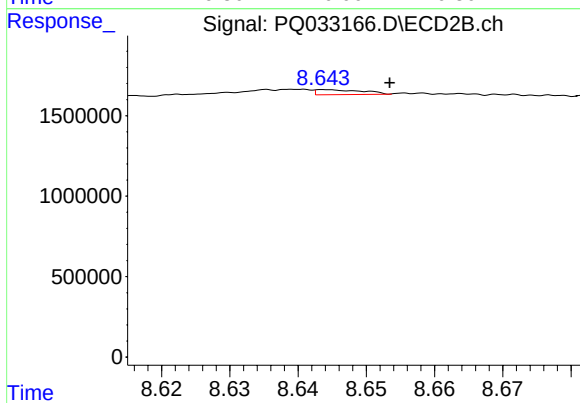
#43 AR-1268-3

R.T.: 8.034 min  
Delta R.T.: -0.015 min  
Response: 288047  
Conc: 1.13 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.071 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.644 min  
Delta R.T.: -0.009 min  
Response: 146642  
Conc: 0.18 ng/ml