

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101318\  
 Data File : PQ033135.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2018 12:25  
 Operator : SM\SJ  
 Sample : AIBLK39  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 01:04:13 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... | 4.574  | 3.853 | 45976592 | 34860322 | 22.412 | 22.413   |
| 2)                          | SA Decachlor... | 10.408 | 8.906 | 75725053 | 65219421 | 40.060 | 40.570   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.951 | 0        | 33602    | N.D.   | 0.587 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.970 | 0        | 93292    | N.D.   | 1.171 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.145 | 0        | 15425    | N.D.   | 0.372 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.221 | 0        | 20133    | N.D.   | 0.588 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.404 | 0        | 85167    | N.D.   | 1.864 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.158 | 0        | 382234   | N.D.   | 28.898 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.184 | 0        | 30783    | N.D.   | 0.673 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.184 | 0        | 30783    | N.D.   | 0.890 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.970 | 0        | 93292    | N.D.   | 2.481 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.145 | 0        | 15425    | N.D.   | 0.788 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.221 | 0        | 20133    | N.D.   | 1.173 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.404 | 0        | 85167    | N.D.   | 4.367 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.951 | 0        | 33602    | N.D.   | 0.691 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.970 | 0        | 93292    | N.D.   | 1.382 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.145 | 0        | 15425    | N.D.   | 0.421 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.221 | 0        | 20133    | N.D.   | 0.547 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.700 | 0        | 48944    | N.D.   | 1.019 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.951 | 0        | 33602    | N.D.   | 0.820 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.221 | 0        | 20133    | N.D.   | 0.366 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.221 | 0        | 20133    | N.D.   | 0.360 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.404 | 0        | 85167    | N.D.   | 1.235 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.700 | 0        | 48944    | N.D.   | 0.434 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.894 | 0        | 16198    | N.D.   | 0.164 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.302 | 0        | 129213   | N.D.   | 0.777 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.949 | 0        | 234500   | N.D.   | 1.596 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.432 | 0        | 254845   | N.D.   | 2.713 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.628 | 0        | 82898    | N.D.   | 0.712 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.776 | 0        | 65069    | N.D.   | 0.603 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.246 | 0        | 251292   | N.D.   | 3.269 #  |
| 35)                         | L7 AR-1260-5    | 8.544  | 7.480 | 78716    | 401424   | 0.417  | 2.089 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.986 | 0        | 178909   | N.D.   | 1.392 #  |
| 37)                         | L8 AR-1262-2    | 8.544  | 7.480 | 78716    | 401424   | 0.318  | 1.676 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.830 | 0        | 386386   | N.D.   | 4.148 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.847 | 0        | 36216    | N.D.   | 0.208 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.830 | 0        | 386386   | N.D.   | 1.130 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.847 | 0        | 36216    | N.D.   | 0.117 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.032 | 0        | 39494    | N.D.   | 0.154 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.643 | 0        | 198799   | N.D.   | 0.238 #  |
| -----                       |                 |        |       |          |          |        |          |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101318\  
Data File : PQ033135.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2018 12:25  
Operator : SM\SJ  
Sample : AIBLK39  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 01:04:13 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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

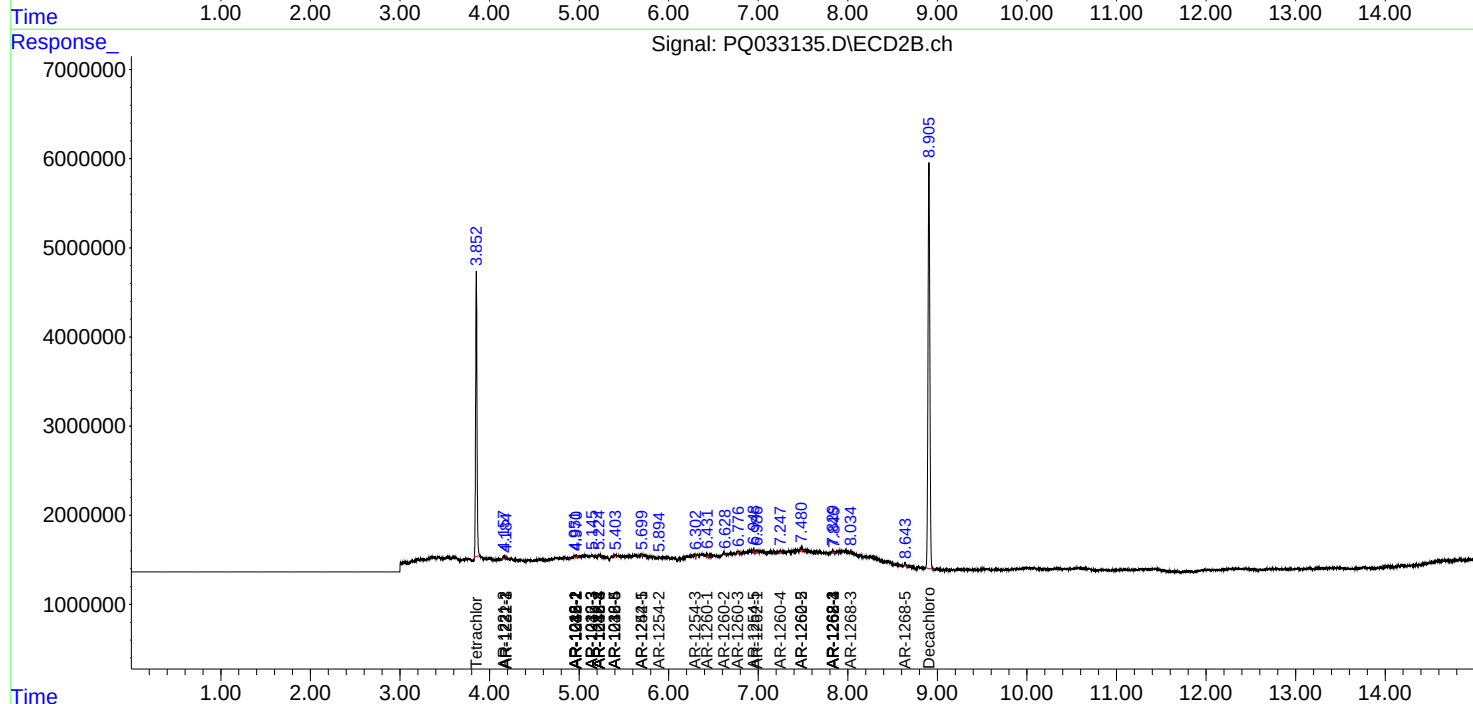
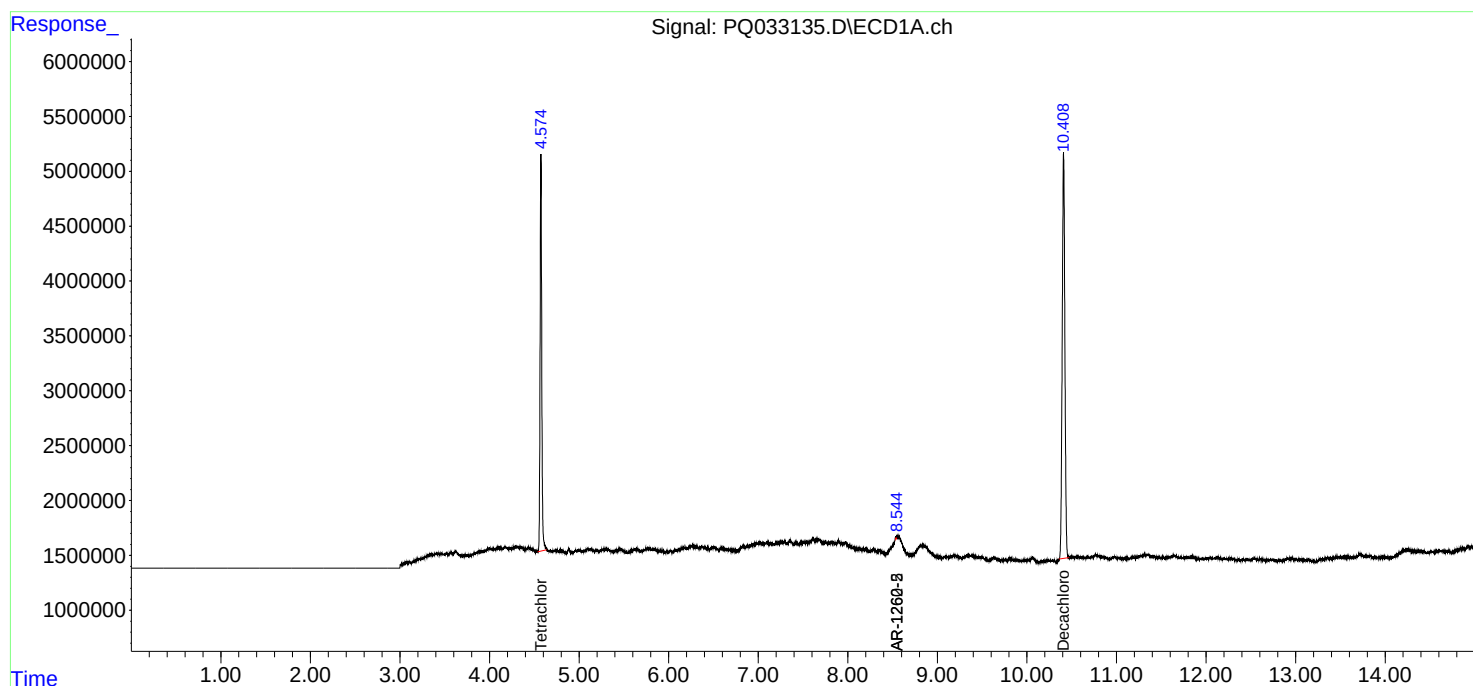
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

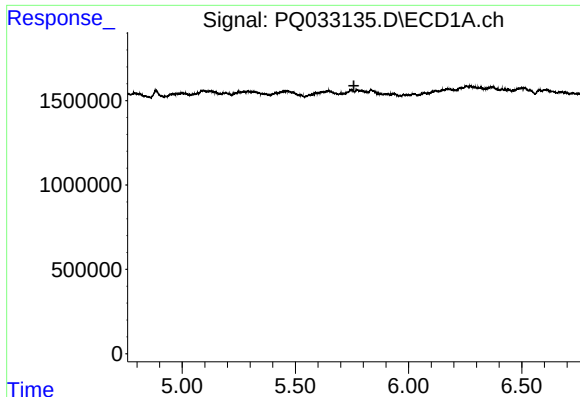
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101318\  
Data File : PQ033135.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2018 12:25  
Operator : SM\SJ  
Sample : AIBLK39  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
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Integration File signal 1: autoint1.e  
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Quant Time: Oct 16 01:04:13 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
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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

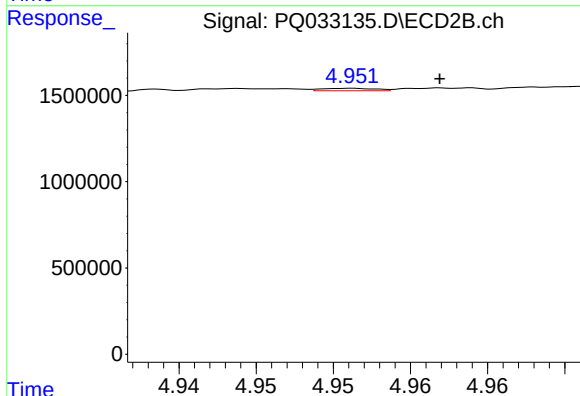




#3 AR-1016-1

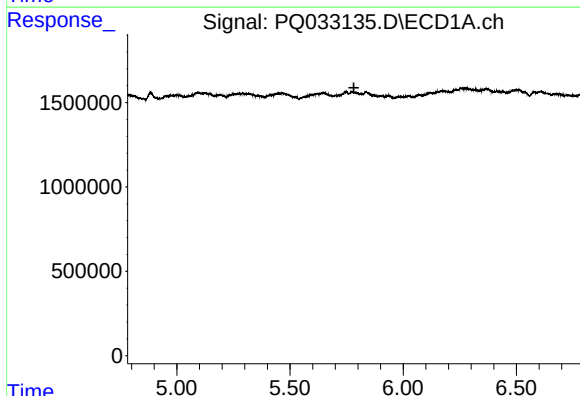
R.T.: 0.000 min  
Exp R.T.: 5.759 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



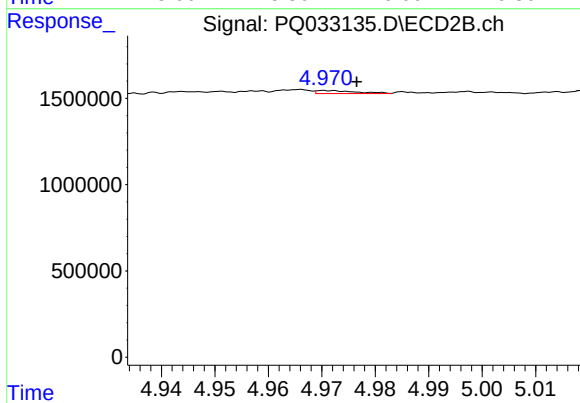
#3 AR-1016-1

R.T.: 4.951 min  
Delta R.T.: -0.006 min  
Response: 33602  
Conc: 0.59 ng/ml



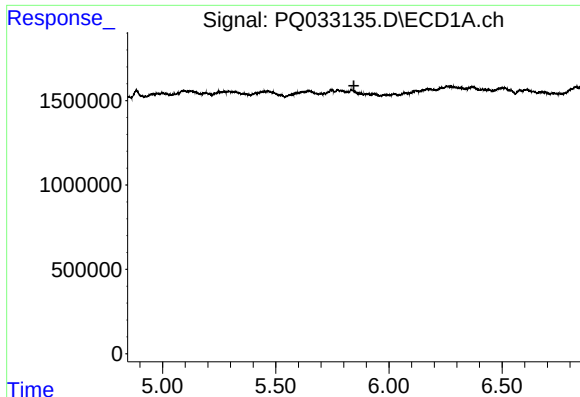
#4 AR-1016-2

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



#4 AR-1016-2

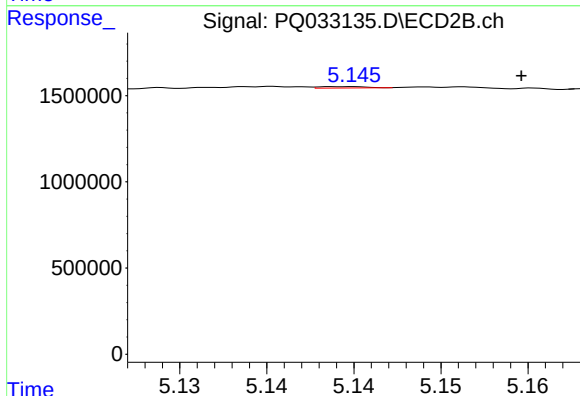
R.T.: 4.970 min  
Delta R.T.: -0.006 min  
Response: 93292  
Conc: 1.17 ng/ml



#5 AR-1016-3

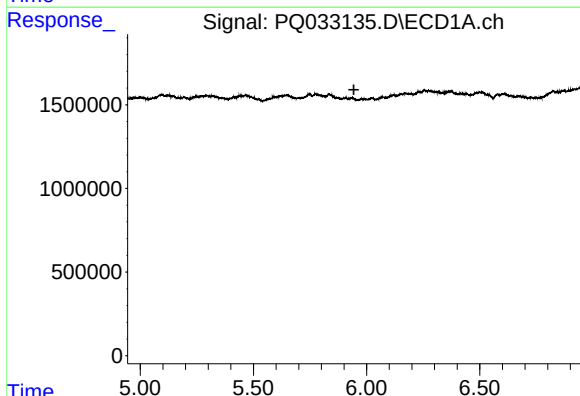
R.T.: 0.000 min  
Exp R.T.: 5.845 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



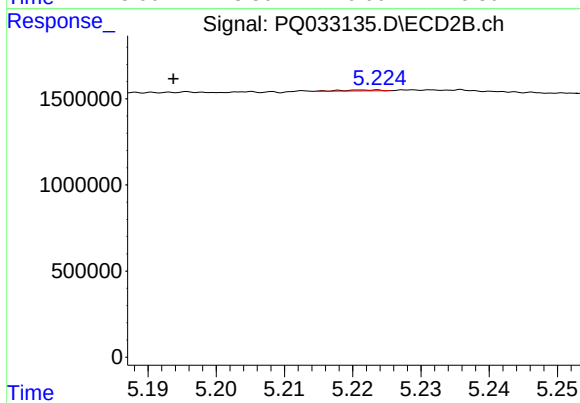
#5 AR-1016-3

R.T.: 5.145 min  
Delta R.T.: -0.010 min  
Response: 15425  
Conc: 0.37 ng/ml



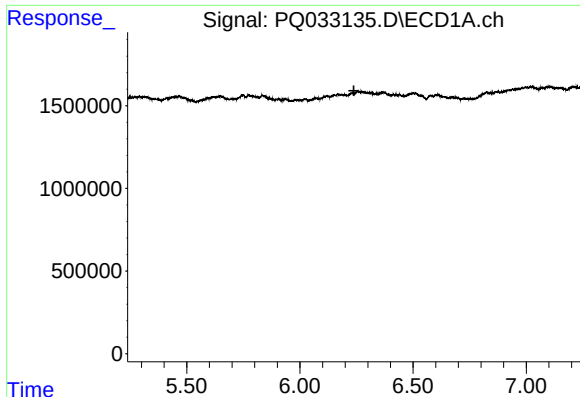
#6 AR-1016-4

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



#6 AR-1016-4

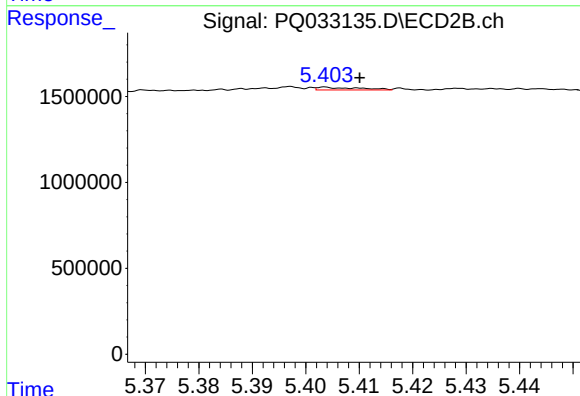
R.T.: 5.221 min  
Delta R.T.: 0.028 min  
Response: 20133  
Conc: 0.59 ng/ml



#7 AR-1016-5

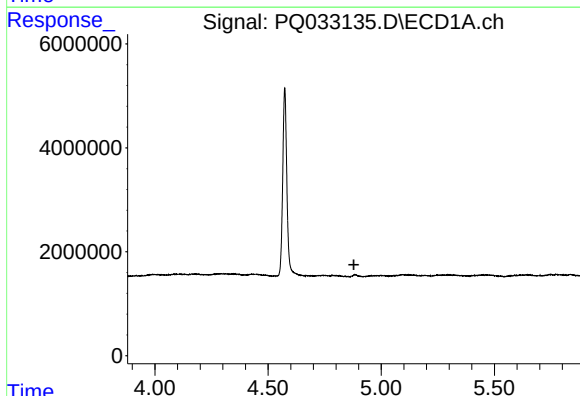
R.T.: 0.000 min  
Exp R.T.: 6.238 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



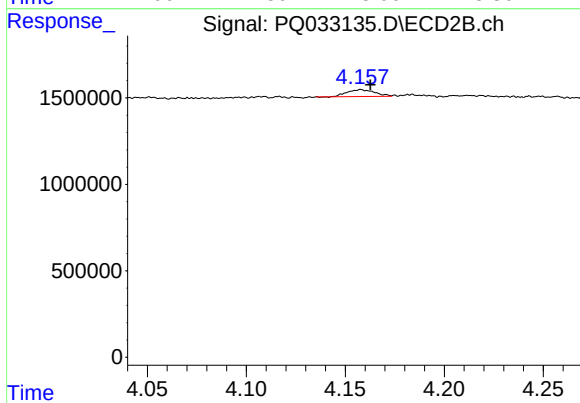
#7 AR-1016-5

R.T.: 5.404 min  
Delta R.T.: -0.006 min  
Response: 85167  
Conc: 1.86 ng/ml



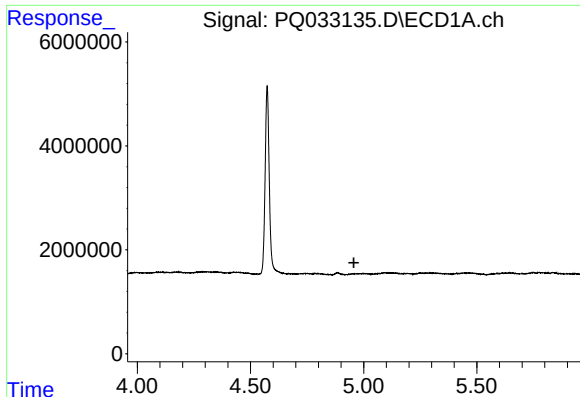
#9 AR-1221-2

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



#9 AR-1221-2

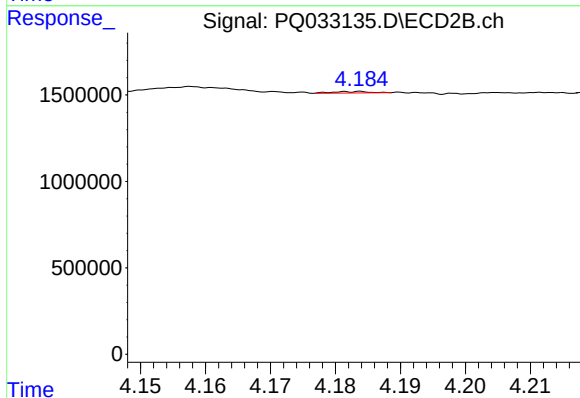
R.T.: 4.158 min  
Delta R.T.: -0.005 min  
Response: 382234  
Conc: 28.90 ng/ml



#10 AR-1221-3

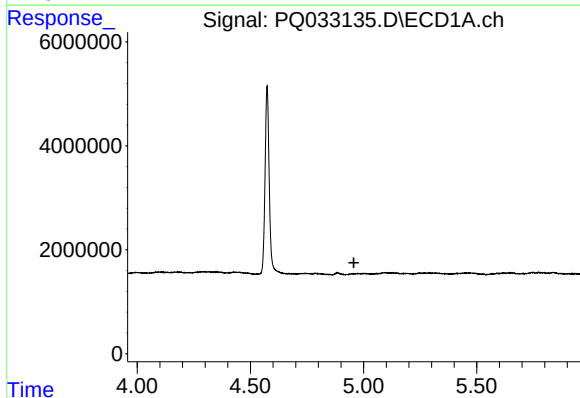
R.T.: 0.000 min  
Exp R.T.: 4.957 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



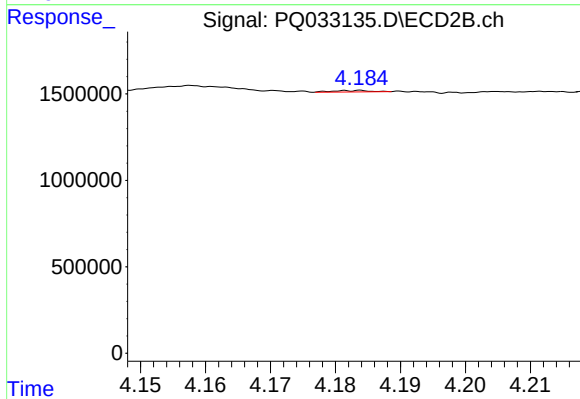
#10 AR-1221-3

R.T.: 4.184 min  
Delta R.T.: -0.056 min  
Response: 30783  
Conc: 0.67 ng/ml



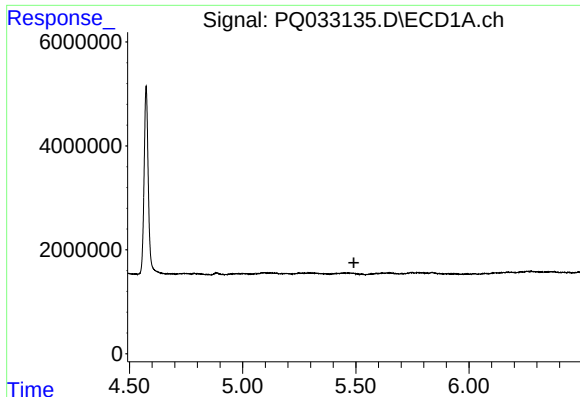
#11 AR-1232-1

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



#11 AR-1232-1

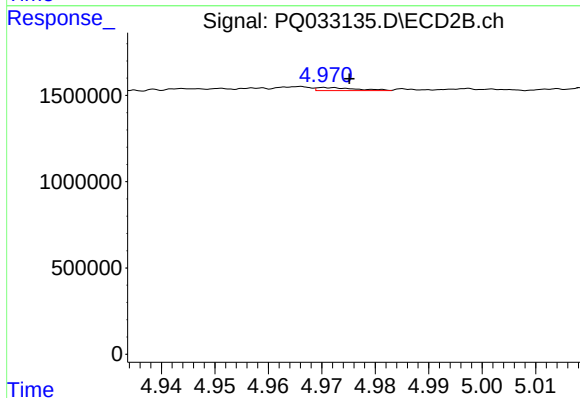
R.T.: 4.184 min  
Delta R.T.: -0.056 min  
Response: 30783  
Conc: 0.89 ng/ml



#12 AR-1232-2

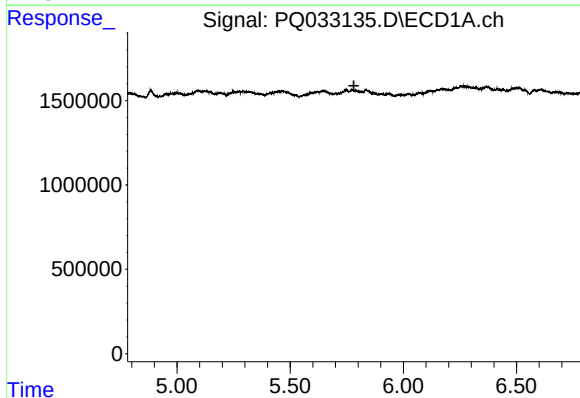
R.T.: 0.000 min  
Exp R.T.: 5.491 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



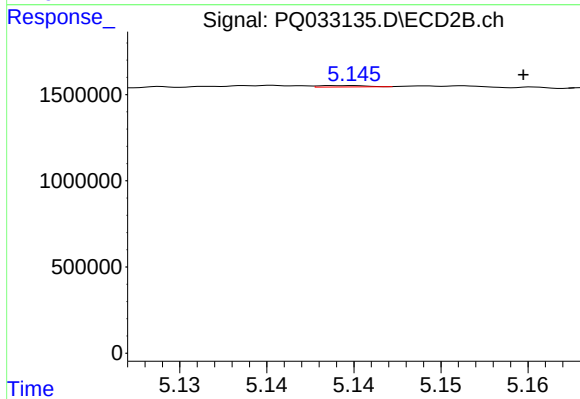
#12 AR-1232-2

R.T.: 4.970 min  
Delta R.T.: -0.005 min  
Response: 93292  
Conc: 2.48 ng/ml



#13 AR-1232-3

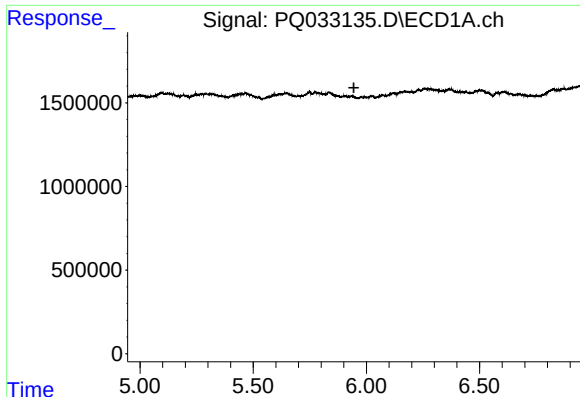
R.T.: 0.000 min  
Exp R.T.: 5.782 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

R.T.: 5.145 min  
Delta R.T.: -0.010 min  
Response: 15425  
Conc: 0.79 ng/ml

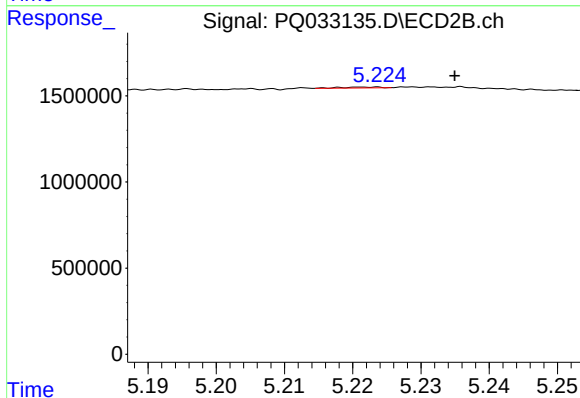




#14 AR-1232-4

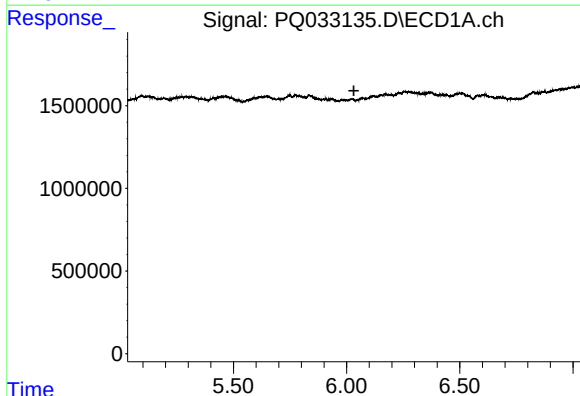
R.T.: 0.000 min  
Exp R.T. : 5.945 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



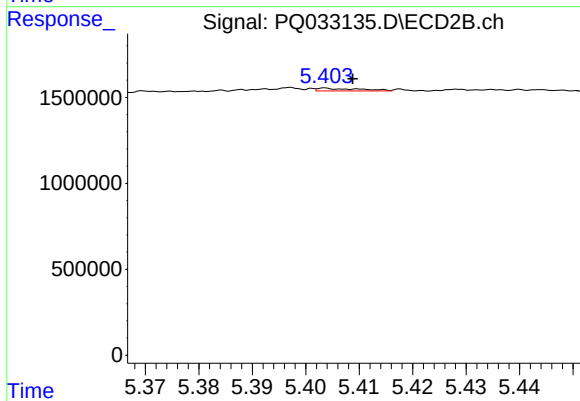
#14 AR-1232-4

R.T.: 5.221 min  
Delta R.T.: -0.014 min  
Response: 20133  
Conc: 1.17 ng/ml



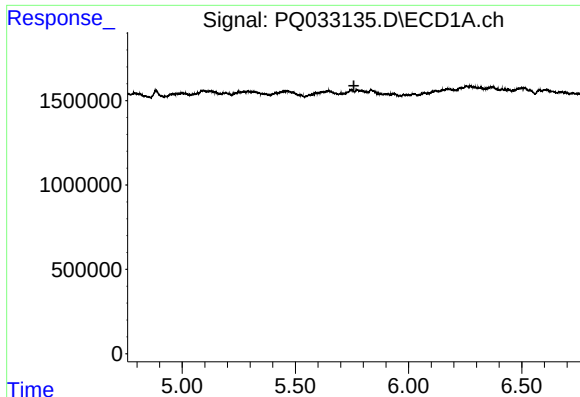
#15 AR-1232-5

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



#15 AR-1232-5

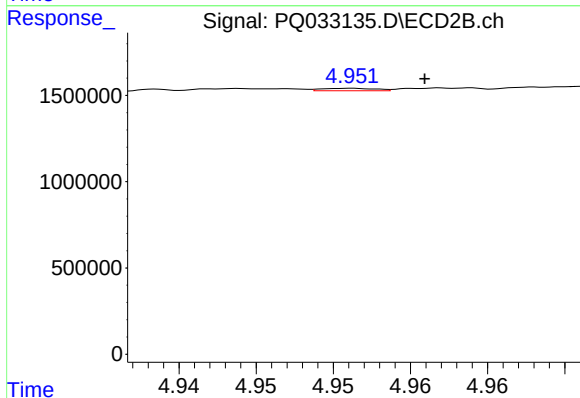
R.T.: 5.404 min  
Delta R.T.: -0.005 min  
Response: 85167  
Conc: 4.37 ng/ml



#16 AR-1242-1

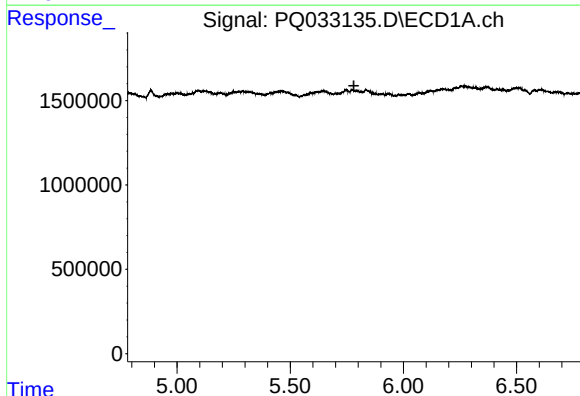
R.T.: 0.000 min  
Exp R.T.: 5.758 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



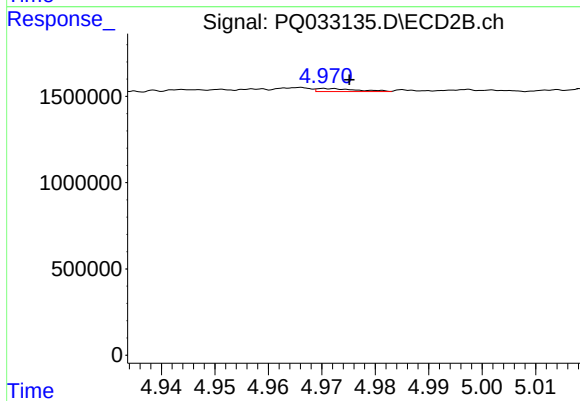
#16 AR-1242-1

R.T.: 4.951 min  
Delta R.T.: -0.005 min  
Response: 33602  
Conc: 0.69 ng/ml



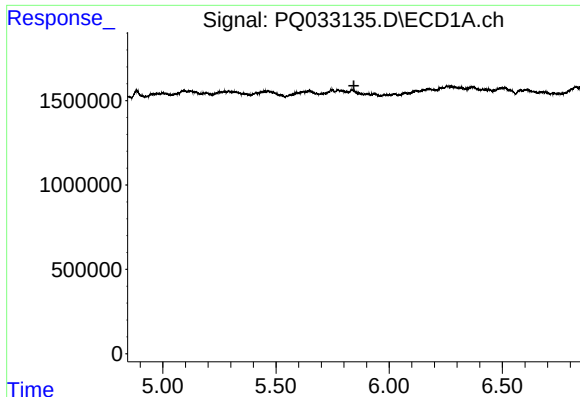
#17 AR-1242-2

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



#17 AR-1242-2

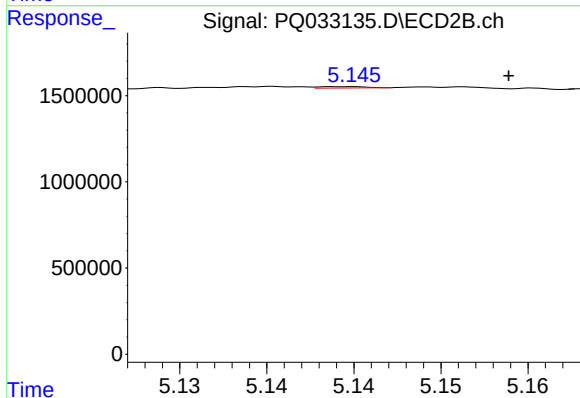
R.T.: 4.970 min  
Delta R.T.: -0.005 min  
Response: 93292  
Conc: 1.38 ng/ml



#18 AR-1242-3

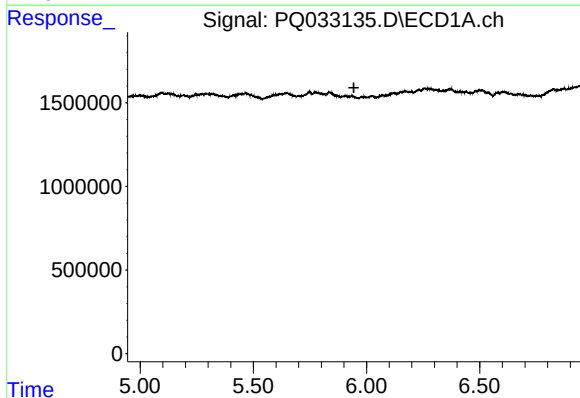
R.T.: 0.000 min  
Exp R.T.: 5.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



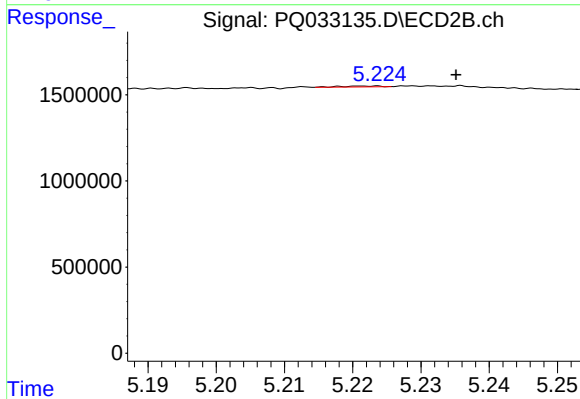
#18 AR-1242-3

R.T.: 5.145 min  
Delta R.T.: -0.009 min  
Response: 15425  
Conc: 0.42 ng/ml



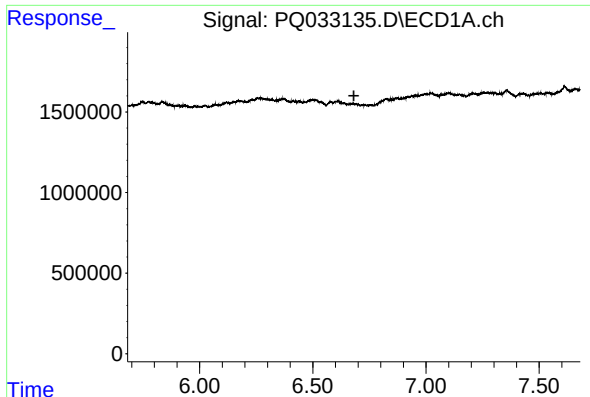
#19 AR-1242-4

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



#19 AR-1242-4

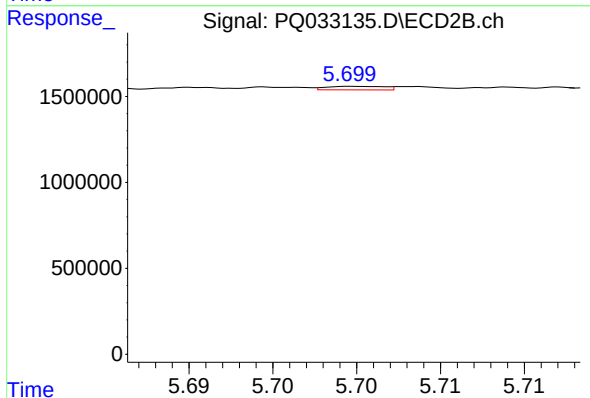
R.T.: 5.221 min  
Delta R.T.: -0.014 min  
Response: 20133  
Conc: 0.55 ng/ml



#20 AR-1242-5

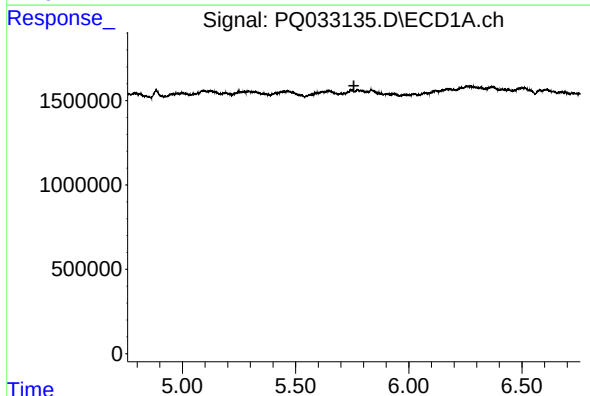
R.T.: 0.000 min  
Exp R.T. : 6.682 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



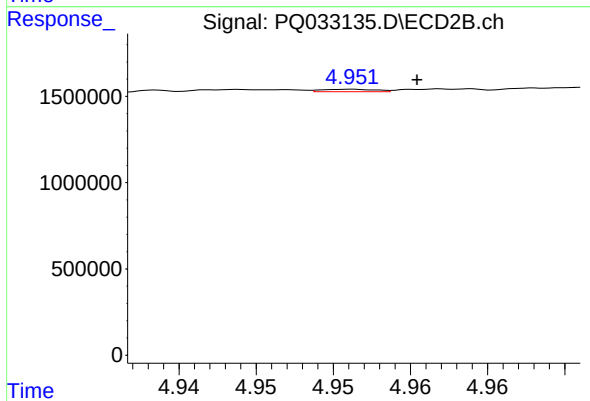
#20 AR-1242-5

R.T.: 5.700 min  
Delta R.T.: -0.059 min  
Response: 48944  
Conc: 1.02 ng/ml



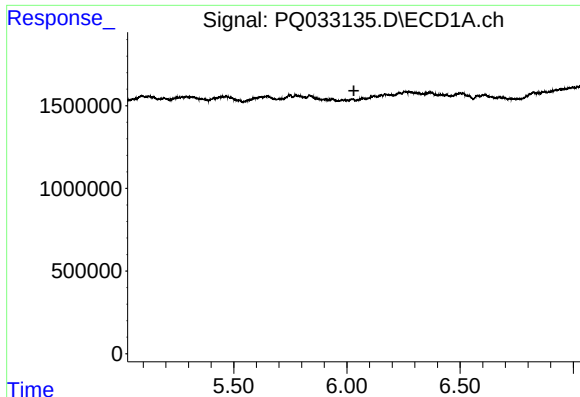
#21 AR-1248-1

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



#21 AR-1248-1

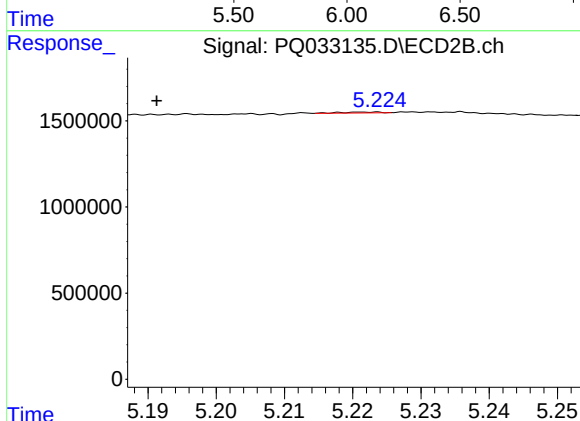
R.T.: 4.951 min  
Delta R.T.: -0.004 min  
Response: 33602  
Conc: 0.82 ng/ml



#22 AR-1248-2

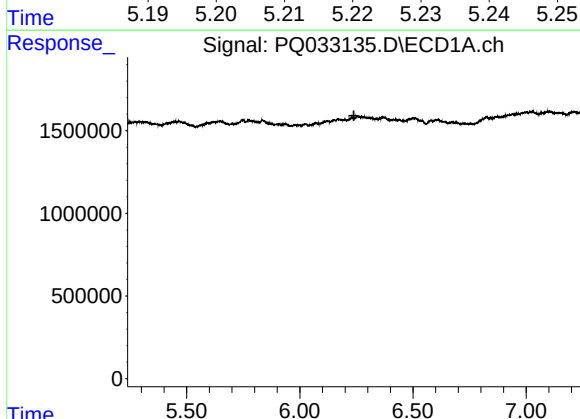
R.T.: 0.000 min  
Exp R.T.: 6.031 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



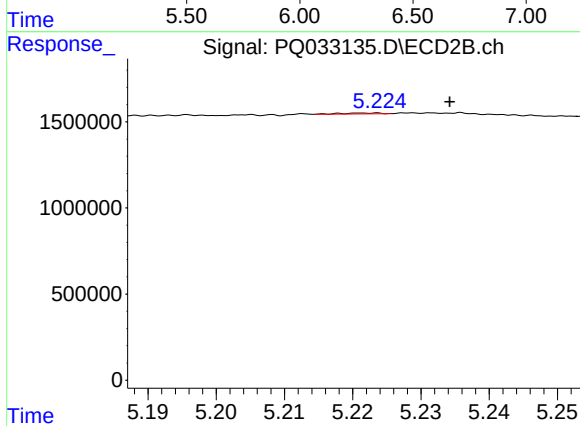
#22 AR-1248-2

R.T.: 5.221 min  
Delta R.T.: 0.030 min  
Response: 20133  
Conc: 0.37 ng/ml



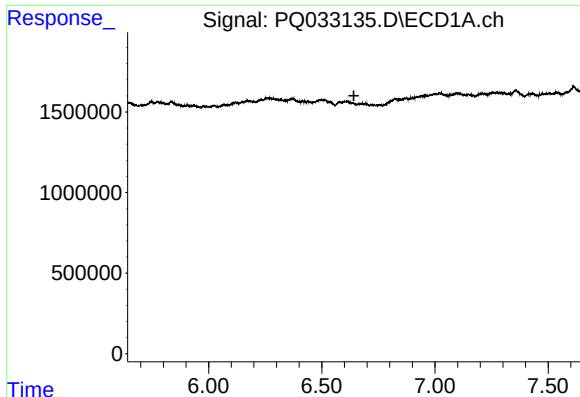
#23 AR-1248-3

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



#23 AR-1248-3

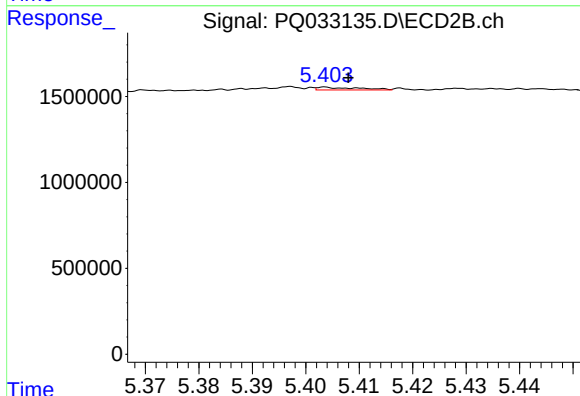
R.T.: 5.221 min  
Delta R.T.: -0.013 min  
Response: 20133  
Conc: 0.36 ng/ml



#24 AR-1248-4

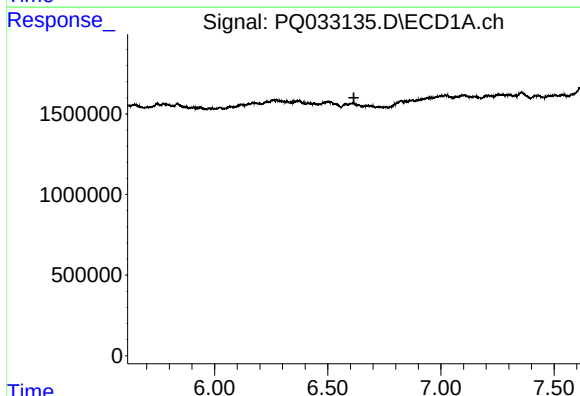
R.T.: 0.000 min  
Exp R.T.: 6.642 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



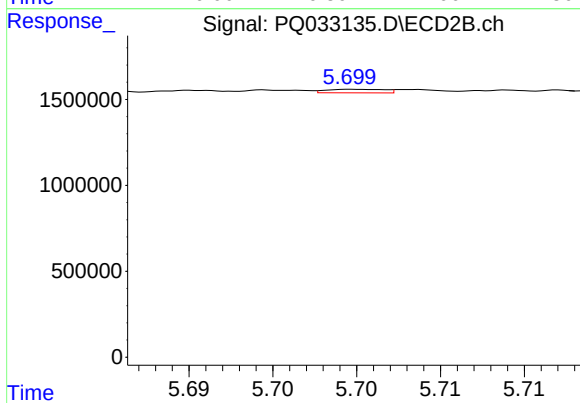
#24 AR-1248-4

R.T.: 5.404 min  
Delta R.T.: -0.004 min  
Response: 85167  
Conc: 1.23 ng/ml



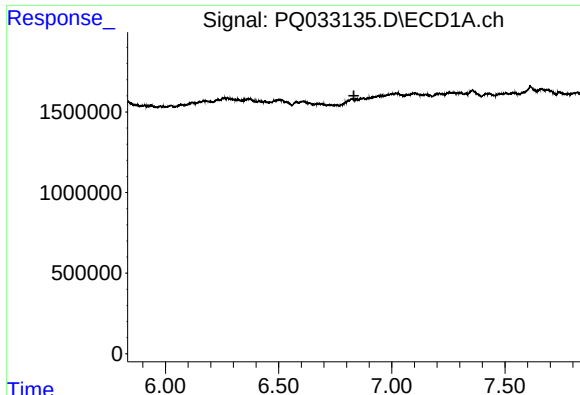
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.615 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

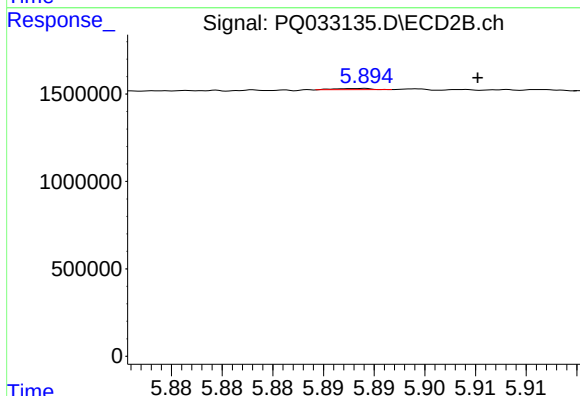
R.T.: 5.700 min  
Delta R.T.: -0.059 min  
Response: 48944  
Conc: 0.43 ng/ml



#27 AR-1254-2

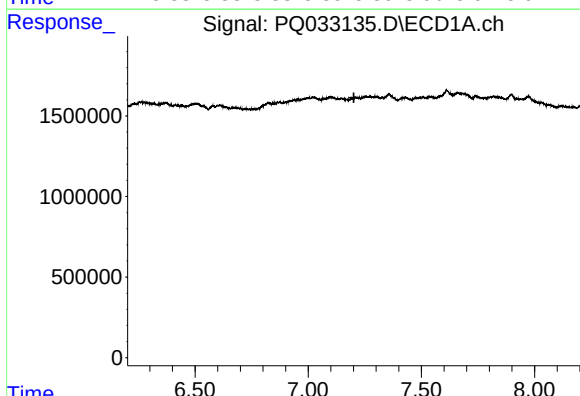
R.T.: 0.000 min  
Exp R.T.: 6.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



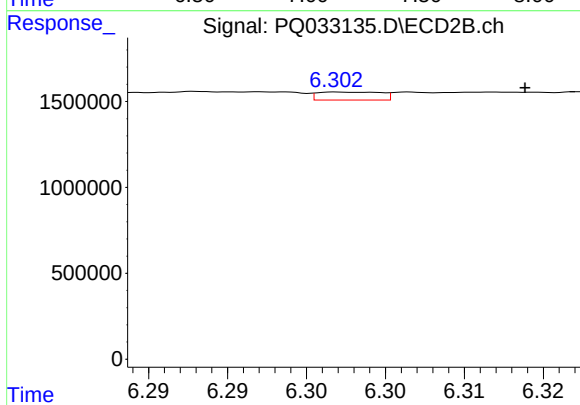
#27 AR-1254-2

R.T.: 5.894 min  
Delta R.T.: -0.011 min  
Response: 16198  
Conc: 0.16 ng/ml



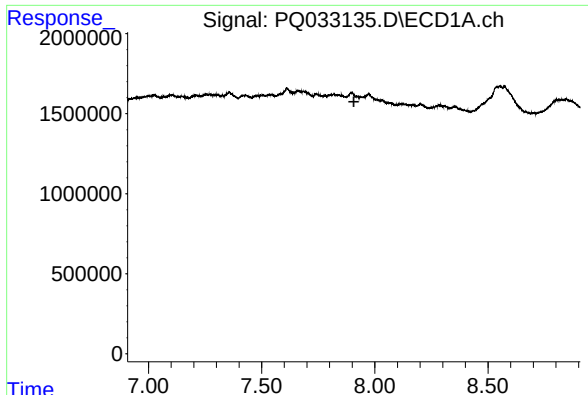
#28 AR-1254-3

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



#28 AR-1254-3

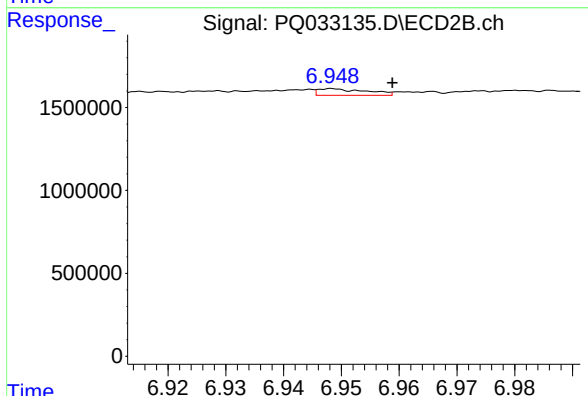
R.T.: 6.302 min  
Delta R.T.: -0.012 min  
Response: 129213  
Conc: 0.78 ng/ml



#30 AR-1254-5

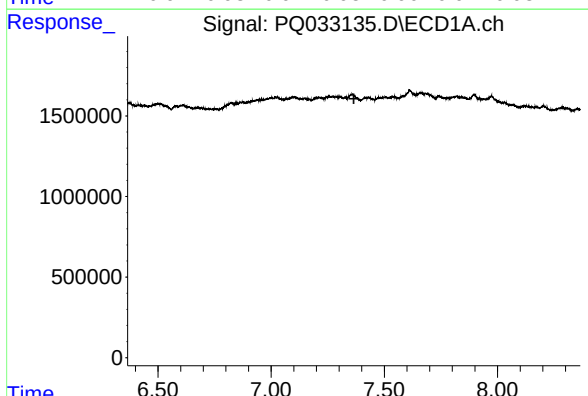
R.T.: 0.000 min  
Exp R.T.: 7.907 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



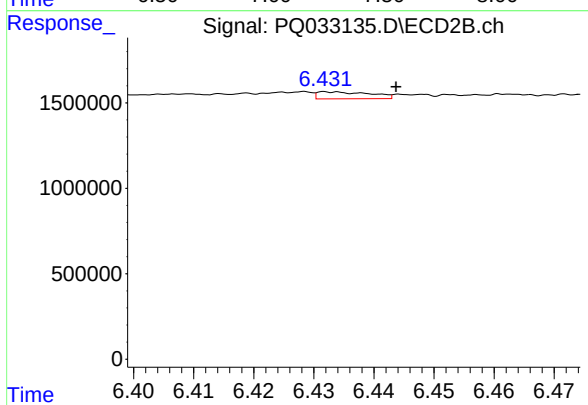
#30 AR-1254-5

R.T.: 6.949 min  
Delta R.T.: -0.010 min  
Response: 234500  
Conc: 1.60 ng/ml



#31 AR-1260-1

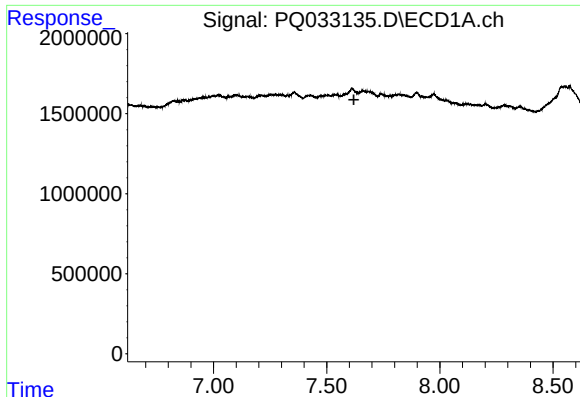
R.T.: 0.000 min  
Exp R.T.: 7.366 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

R.T.: 6.432 min  
Delta R.T.: -0.012 min  
Response: 254845  
Conc: 2.71 ng/ml

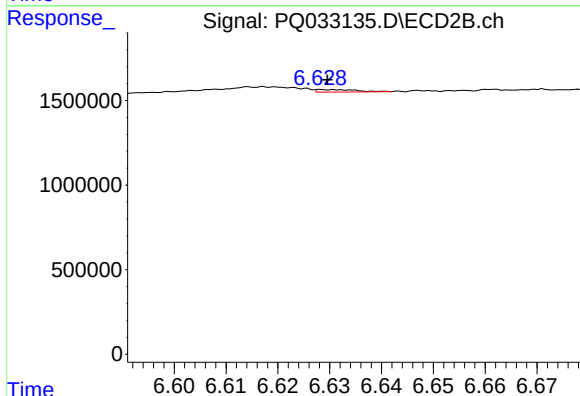




#32 AR-1260-2

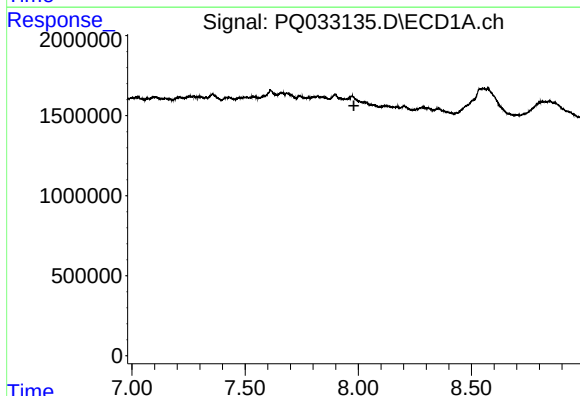
R.T.: 0.000 min  
Exp R.T.: 7.620 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



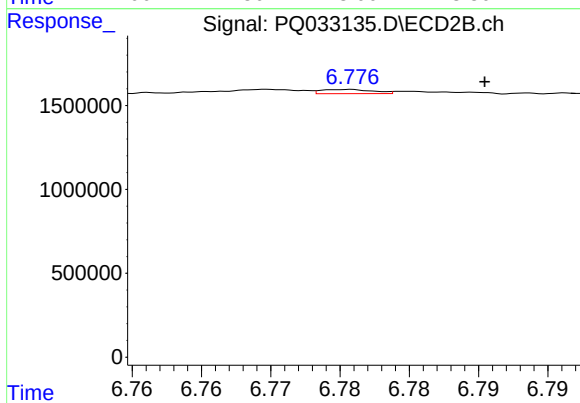
#32 AR-1260-2

R.T.: 6.628 min  
Delta R.T.: -0.001 min  
Response: 82898  
Conc: 0.71 ng/ml



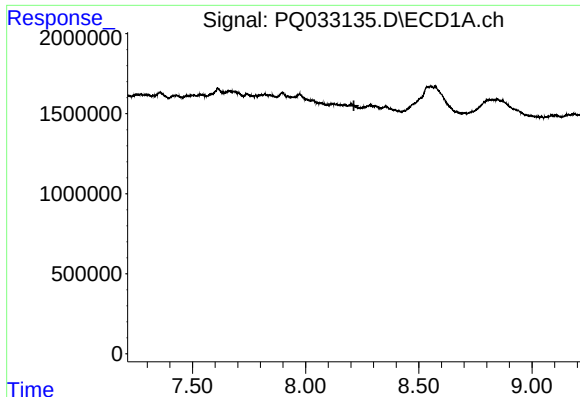
#33 AR-1260-3

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



#33 AR-1260-3

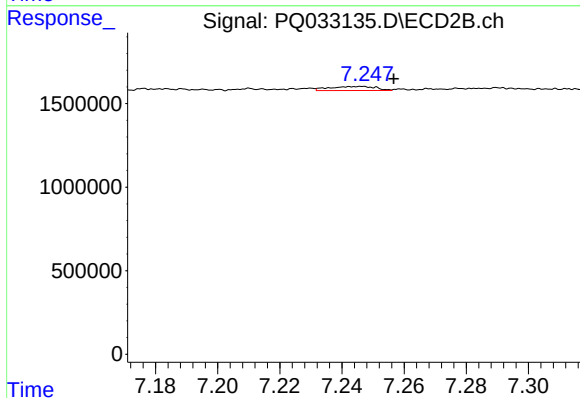
R.T.: 6.776 min  
Delta R.T.: -0.010 min  
Response: 65069  
Conc: 0.60 ng/ml



#34 AR-1260-4

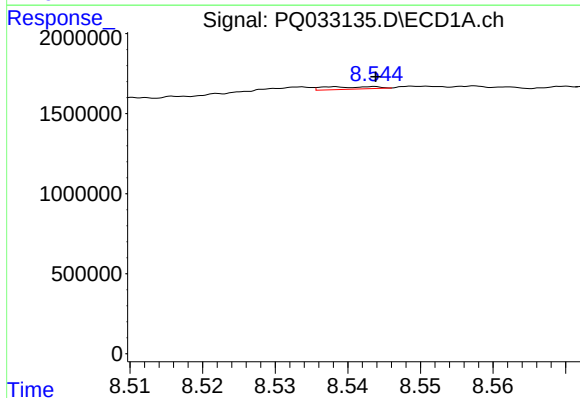
R.T.: 0.000 min  
Exp R.T.: 8.213 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



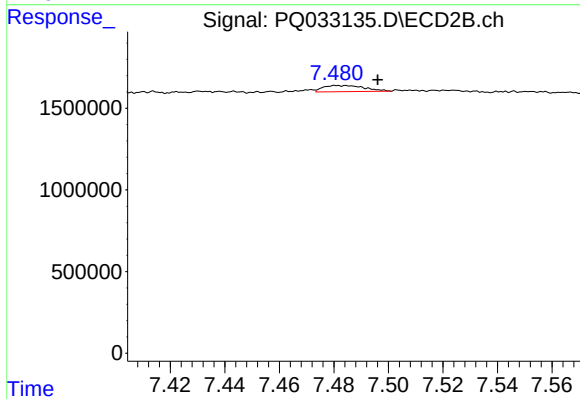
#34 AR-1260-4

R.T.: 7.246 min  
Delta R.T.: -0.010 min  
Response: 251292  
Conc: 3.27 ng/ml



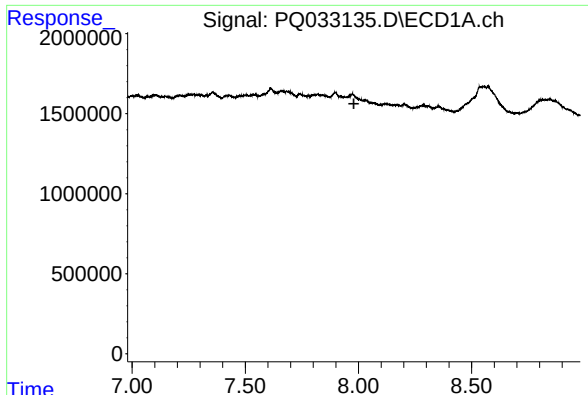
#35 AR-1260-5

R.T.: 8.544 min  
Delta R.T.: 0.000 min  
Response: 78716  
Conc: 0.42 ng/ml



#35 AR-1260-5

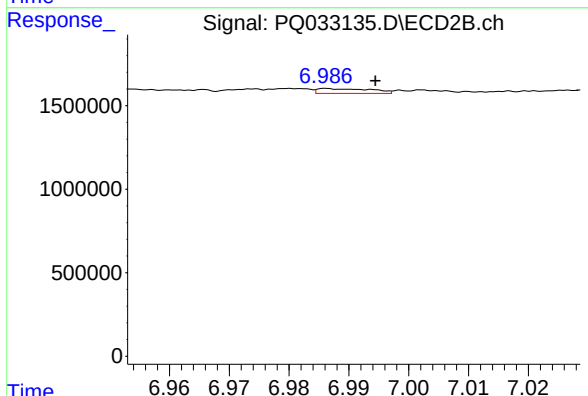
R.T.: 7.480 min  
Delta R.T.: -0.016 min  
Response: 401424  
Conc: 2.09 ng/ml



#36 AR-1262-1

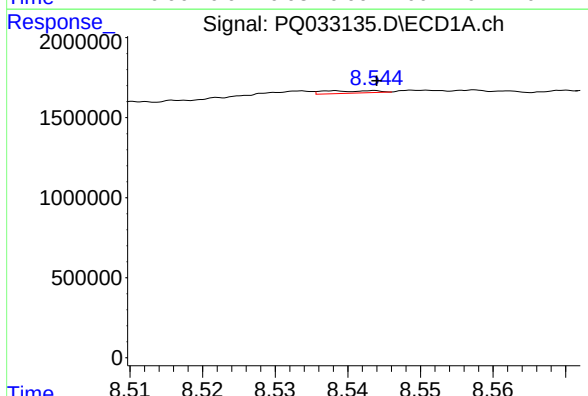
R.T.: 0.000 min  
Exp R.T.: 7.980 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



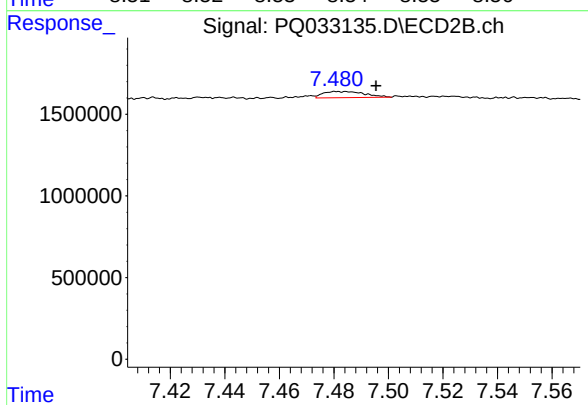
#36 AR-1262-1

R.T.: 6.986 min  
Delta R.T.: -0.008 min  
Response: 178909  
Conc: 1.39 ng/ml



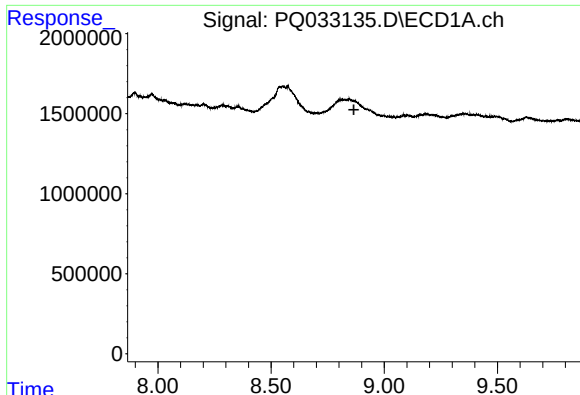
#37 AR-1262-2

R.T.: 8.544 min  
Delta R.T.: 0.000 min  
Response: 78716  
Conc: 0.32 ng/ml



#37 AR-1262-2

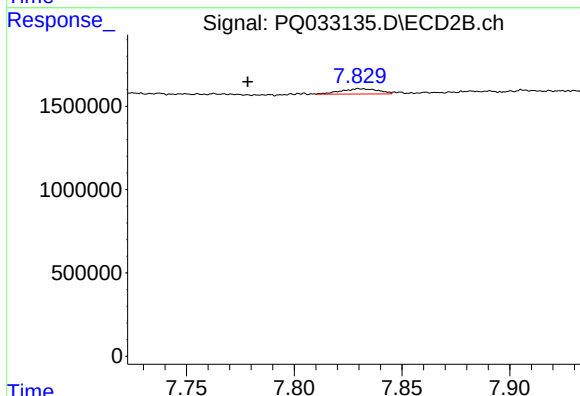
R.T.: 7.480 min  
Delta R.T.: -0.015 min  
Response: 401424  
Conc: 1.68 ng/ml



#38 AR-1262-3

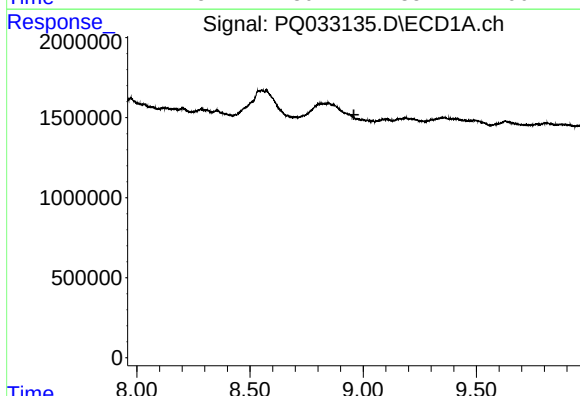
R.T.: 0.000 min  
Exp R.T.: 8.866 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



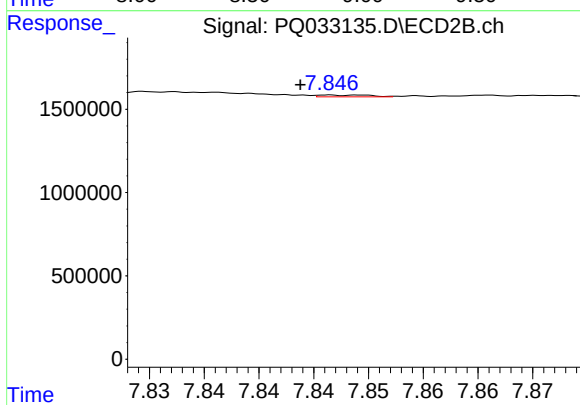
#38 AR-1262-3

R.T.: 7.830 min  
Delta R.T.: 0.051 min  
Response: 386386  
Conc: 4.15 ng/ml



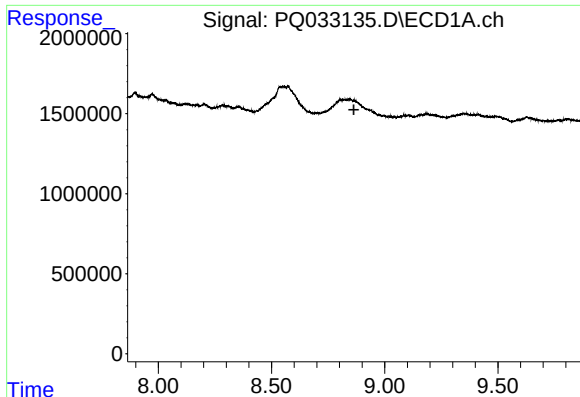
#39 AR-1262-4

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



#39 AR-1262-4

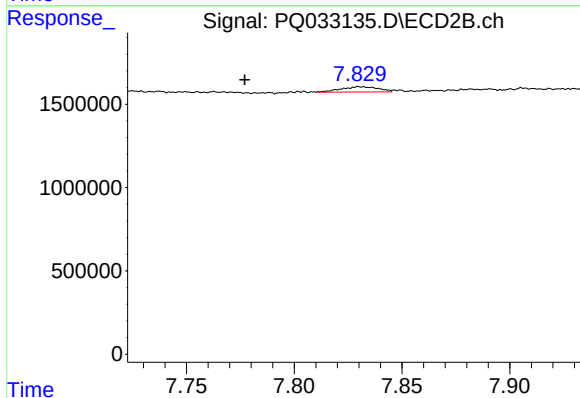
R.T.: 7.847 min  
Delta R.T.: 0.003 min  
Response: 36216  
Conc: 0.21 ng/ml



#41 AR-1268-1

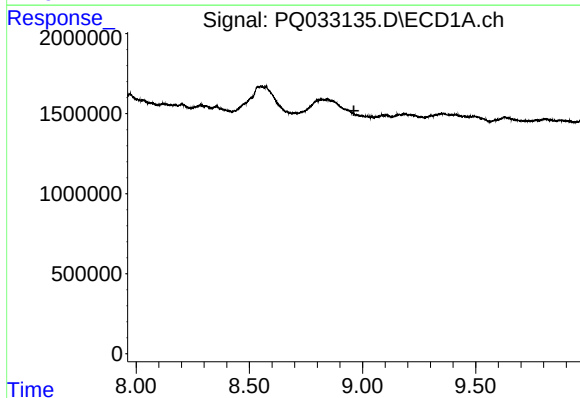
R.T.: 0.000 min  
Exp R.T.: 8.864 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



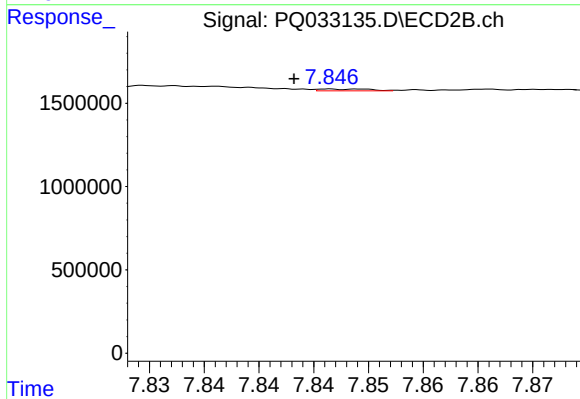
#41 AR-1268-1

R.T.: 7.830 min  
Delta R.T.: 0.053 min  
Response: 386386  
Conc: 1.13 ng/ml



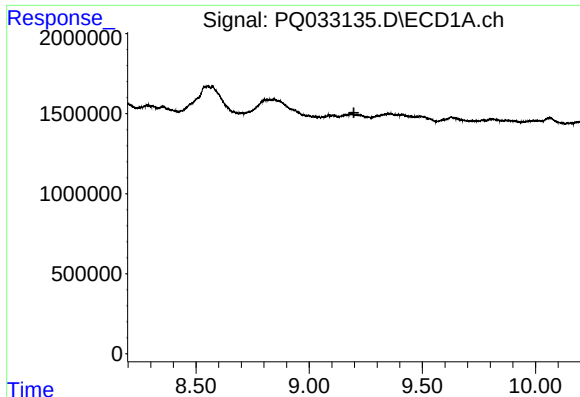
#42 AR-1268-2

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



#42 AR-1268-2

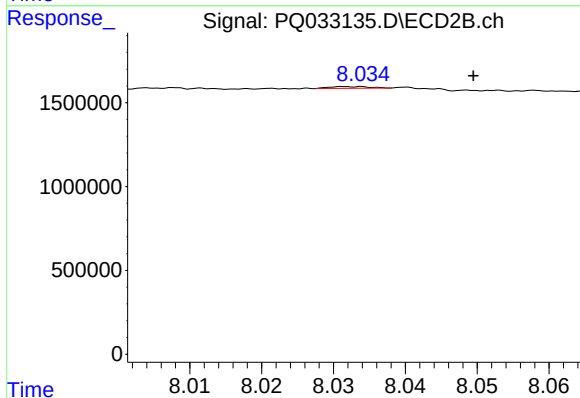
R.T.: 7.847 min  
Delta R.T.: 0.004 min  
Response: 36216  
Conc: 0.12 ng/ml



#43 AR-1268-3

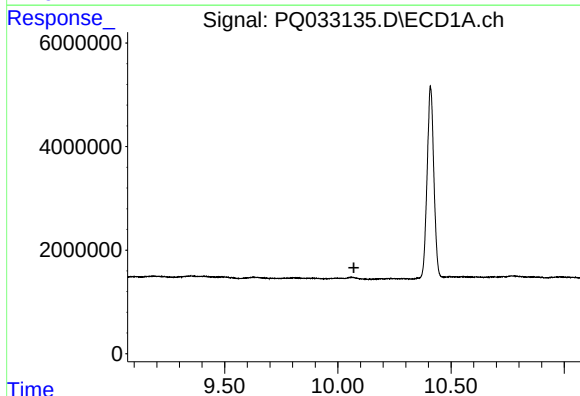
R.T.: 0.000 min  
Exp R.T.: 9.197 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



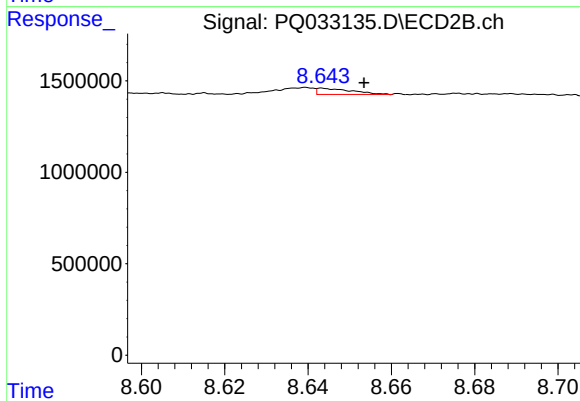
#43 AR-1268-3

R.T.: 8.032 min  
Delta R.T.: -0.018 min  
Response: 39494  
Conc: 0.15 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.: 8.643 min  
Delta R.T.: -0.010 min  
Response: 198799  
Conc: 0.24 ng/ml