

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032819\  
 Data File : PQ038493.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2019 17:13  
 Operator : SM\SJ  
 Sample : K2122-11  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 BF5E0

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 00:48:17 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... | 4.721  | 4.000 | 76283559 | 33209776 | 18.509  | 19.677    |
| 2)                          | SA Decachlor... | 10.668 | 9.128 | 79568571 | 36069247 | 14.628  | 15.246    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.873  | 0.000 | 2464496  | 0        | 10.320  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.873  | 0.000 | 2464496  | 0        | 6.789   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.339 | 0        | 3033134  | N.D.    | 37.827 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.368 | 0        | 930927   | N.D.    | 14.661 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.186 | 0        | 726438   | N.D.    | 31.123 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.308 | 0        | 673419   | N.D.    | 40.451 #  |
| 12)                         | L3 AR-1232-2    | 5.667  | 0.000 | 6363330  | 0        | 122.843 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.873  | 5.339 | 2464496  | 3033134  | 23.221  | 126.060 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.416 | 0        | 912806   | N.D.    | 40.415 #  |
| 15)                         | L3 AR-1232-5    | 6.200  | 0.000 | 13218549 | 0        | 324.905 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.873  | 0.000 | 2464496  | 0        | 16.102  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.873  | 0.000 | 2464496  | 0        | 10.787  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.339 | 0        | 3033134  | N.D.    | 56.658 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.416 | 0        | 912806   | N.D.    | 16.817 #  |
| 21)                         | L5 AR-1248-1    | 5.873  | 0.000 | 2464496  | 0        | 22.906  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.200  | 5.368 | 13218549 | 930927   | 81.086  | 13.064 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.416 | 0        | 912806   | N.D.    | 12.461 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.076 | 0        | 1190756  | N.D.    | 8.522 #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.470 | 0        | 1178085  | N.D.    | 4.900 #   |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.746 | 0        | 1623101  | N.D.    | 10.474 #  |
| 30)                         | L6 AR-1254-5    | 8.072  | 0.000 | 32901400 | 0        | 101.930 | N.D. #    |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.815 | 0        | 605635   | N.D.    | 2.364 #   |
| 33)                         | L7 AR-1260-3    | 8.072  | 0.000 | 32901400 | 0        | 85.055  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 8.338  | 0.000 | 37873101 | 0        | 83.030  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.750  | 0.000 | 3019626  | 0        | 3.189   | N.D. #    |
| 37)                         | L8 AR-1262-2    | 8.750  | 0.000 | 3019626  | 0        | 4.233   | N.D. #    |
| 38)                         | L8 AR-1262-3    | 9.081  | 8.040 | 2586163  | 1405299  | 5.403   | 9.439 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.040 | 0        | 1405299  | N.D.    | 4.930 #   |
| 40)                         | L8 AR-1262-5    | 9.826  | 0.000 | 4425771  | 0        | 18.008  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 9.081  | 8.040 | 2586163  | 1405299  | 1.631   | 1.755     |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.040 | 0        | 1405299  | N.D.    | 1.936 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.219 | 0        | 408281   | N.D.    | 0.649 #   |
| 44)                         | L9 AR-1268-4    | 9.826  | 0.000 | 4425771  | 0        | 9.266   | N.D. #    |
| 45)                         | L9 AR-1268-5    | 10.302 | 8.843 | 13443934 | 393731   | 3.121   | 0.204 #   |
| -----                       |                 |        |       |          |          |         |           |

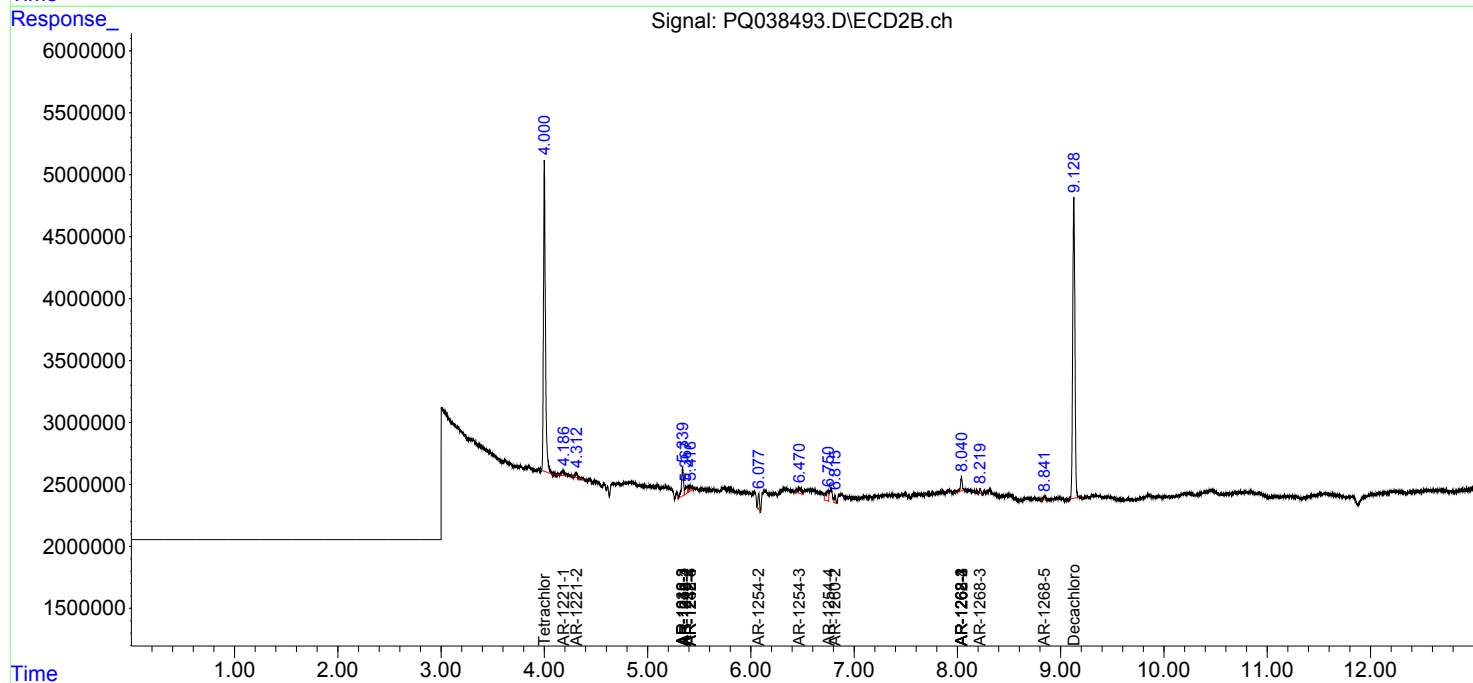
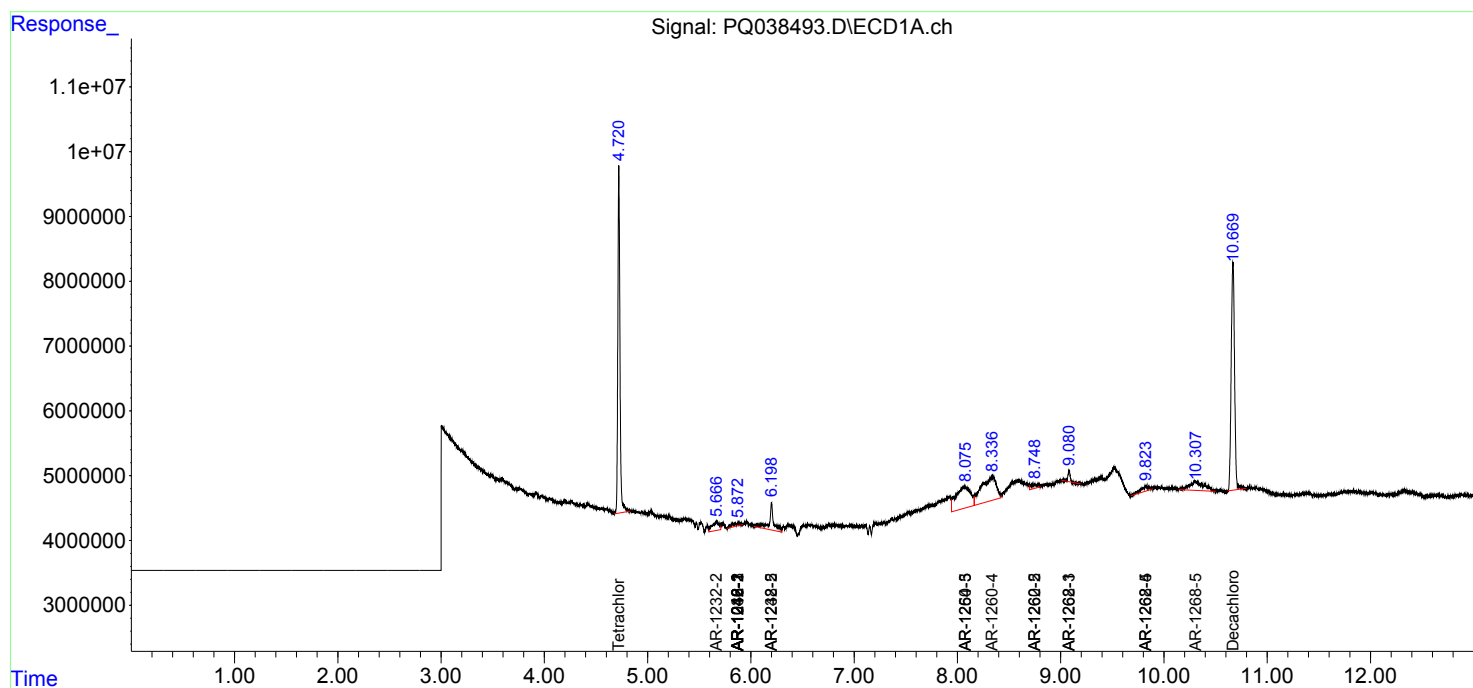
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

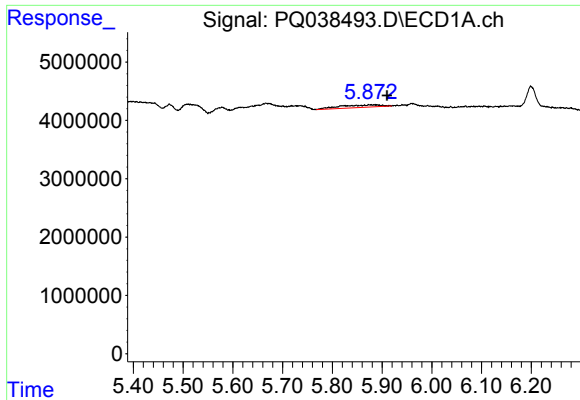
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032819\  
Data File : PQ038493.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2019 17:13  
Operator : SM\SJ  
Sample : K2122-11  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 00:48:17 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

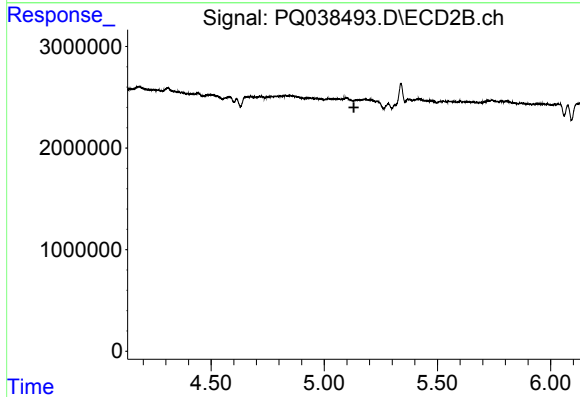




#3 AR-1016-1

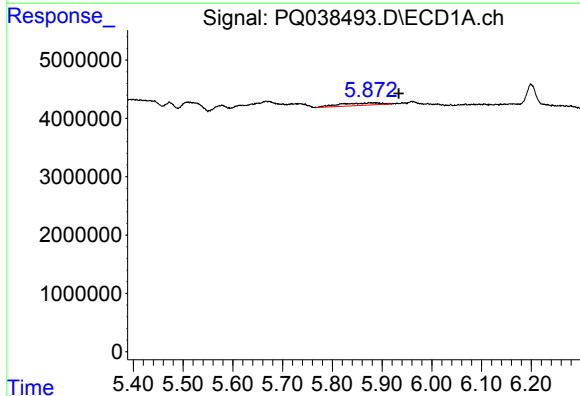
R.T.: 5.873 min  
Delta R.T.: -0.037 min  
Response: 2464496  
Conc: 10.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



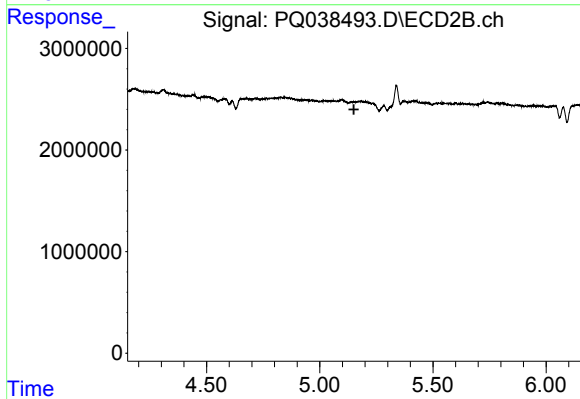
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.131 min  
Response: 0  
Conc: N.D.



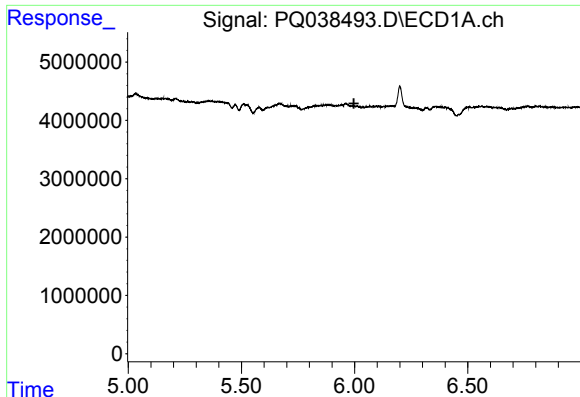
#4 AR-1016-2

R.T.: 5.873 min  
Delta R.T.: -0.060 min  
Response: 2464496  
Conc: 6.79 ng/ml



#4 AR-1016-2

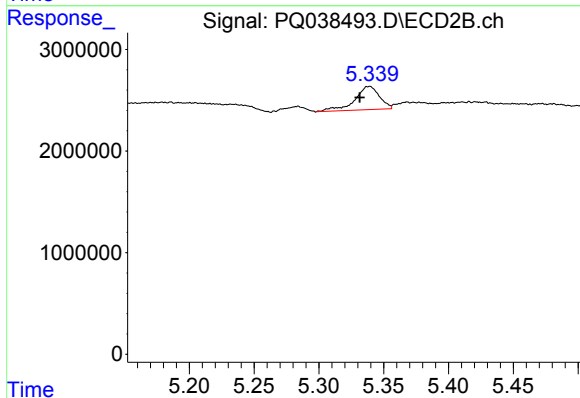
R.T.: 0.000 min  
Exp R.T. : 5.151 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

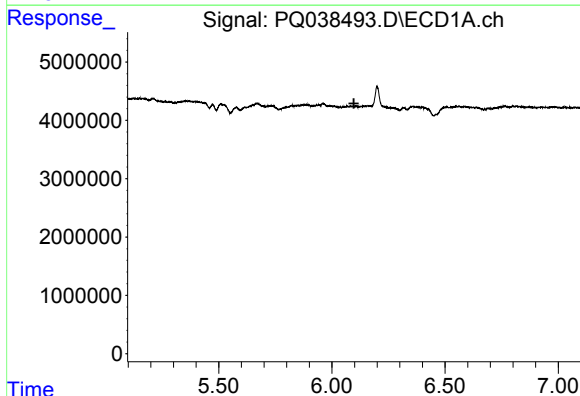
R.T.: 0.000 min  
Exp R.T.: 5.997 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



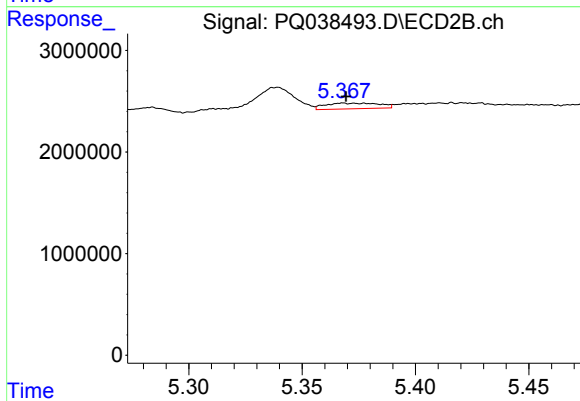
#5 AR-1016-3

R.T.: 5.339 min  
Delta R.T.: 0.007 min  
Response: 3033134  
Conc: 37.83 ng/ml



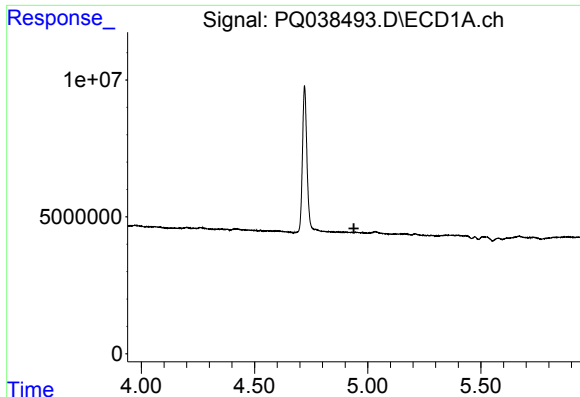
#6 AR-1016-4

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



#6 AR-1016-4

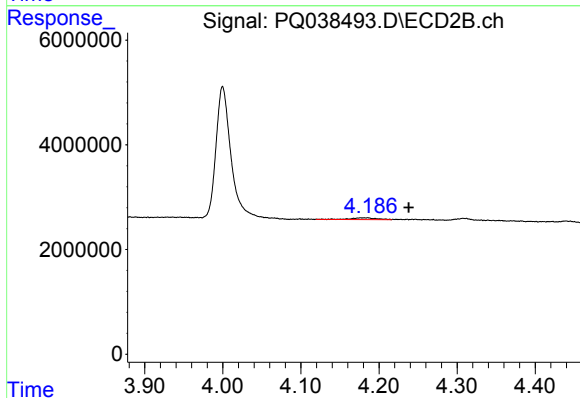
R.T.: 5.368 min  
Delta R.T.: -0.001 min  
Response: 930927  
Conc: 14.66 ng/ml



#8 AR-1221-1

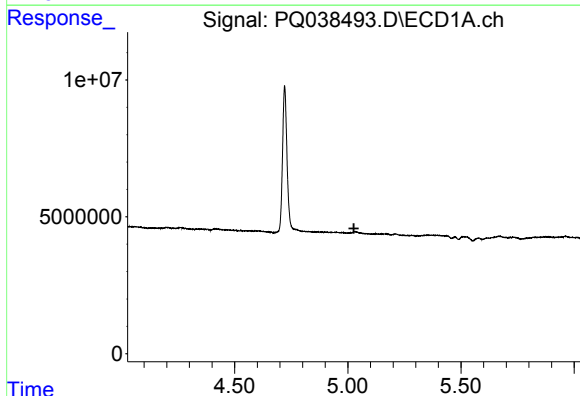
R.T.: 0.000 min  
Exp R.T.: 4.939 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



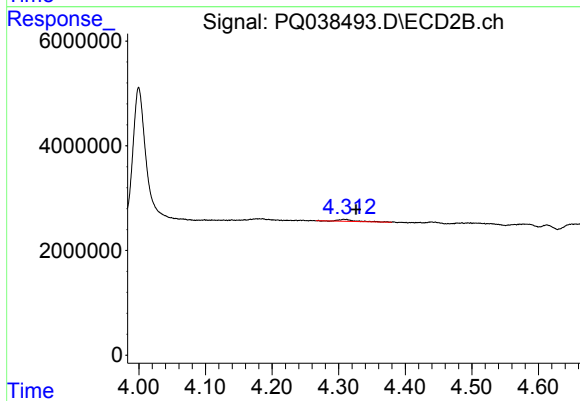
#8 AR-1221-1

R.T.: 4.186 min  
Delta R.T.: -0.052 min  
Response: 726438  
Conc: 31.12 ng/ml



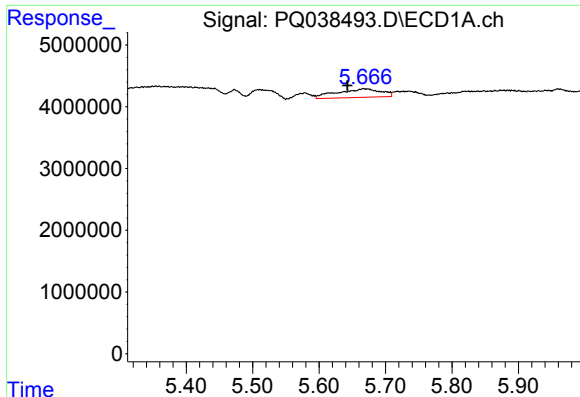
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

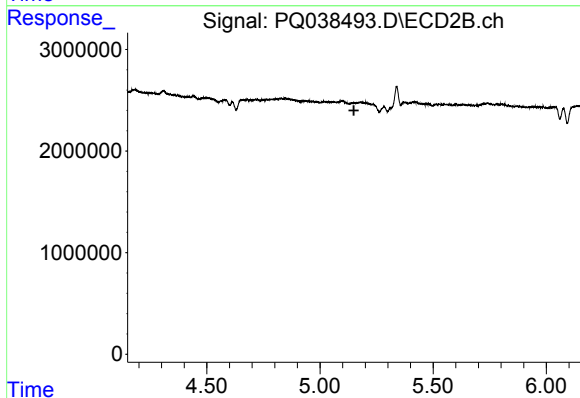
R.T.: 4.308 min  
Delta R.T.: -0.018 min  
Response: 673419  
Conc: 40.45 ng/ml



#12 AR-1232-2

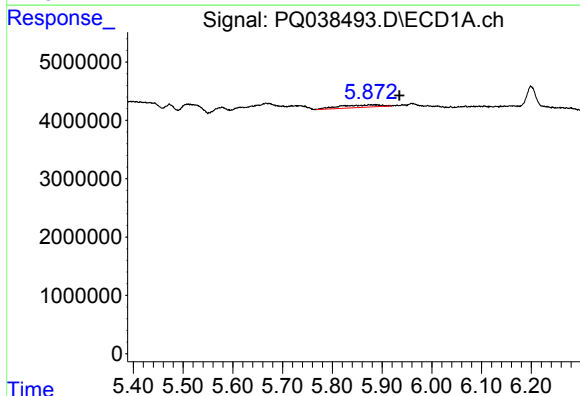
R.T.: 5.667 min  
Delta R.T.: 0.024 min  
Response: 6363330  
Conc: 122.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



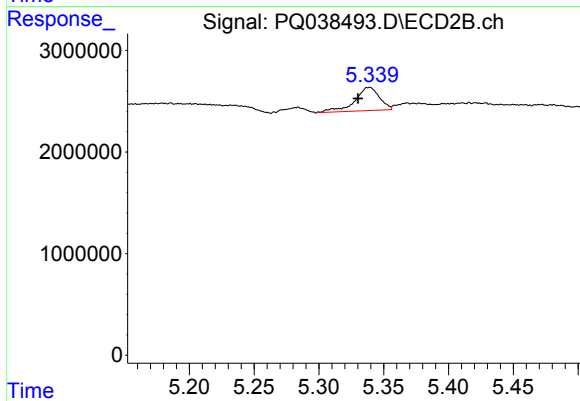
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.150 min  
Response: 0  
Conc: N.D.



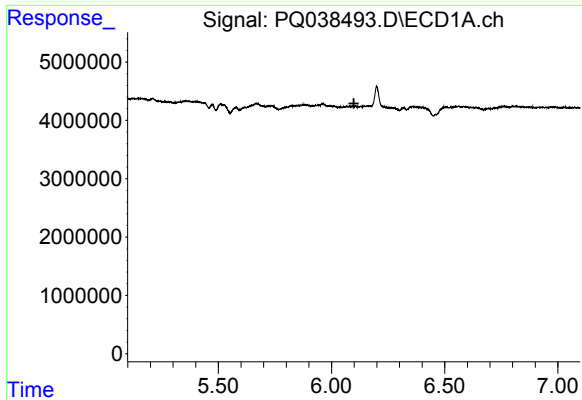
#13 AR-1232-3

R.T.: 5.873 min  
Delta R.T.: -0.062 min  
Response: 2464496  
Conc: 23.22 ng/ml



#13 AR-1232-3

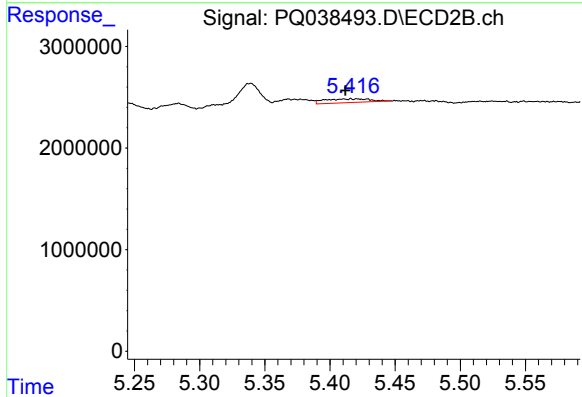
R.T.: 5.339 min  
Delta R.T.: 0.008 min  
Response: 3033134  
Conc: 126.06 ng/ml



#14 AR-1232-4

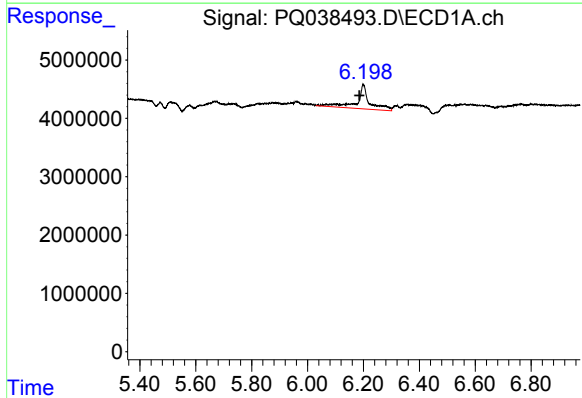
R.T.: 0.000 min  
Exp R.T.: 6.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



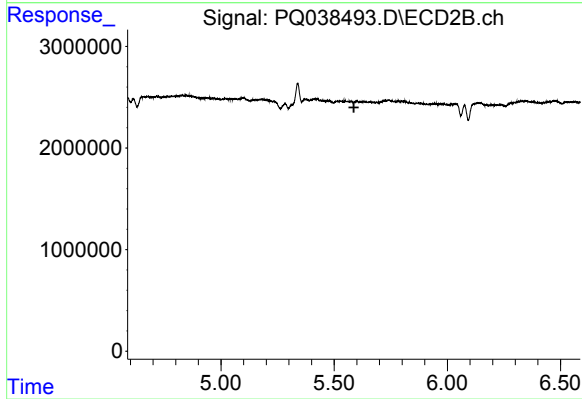
#14 AR-1232-4

R.T.: 5.416 min  
Delta R.T.: 0.004 min  
Response: 912806  
Conc: 40.42 ng/ml



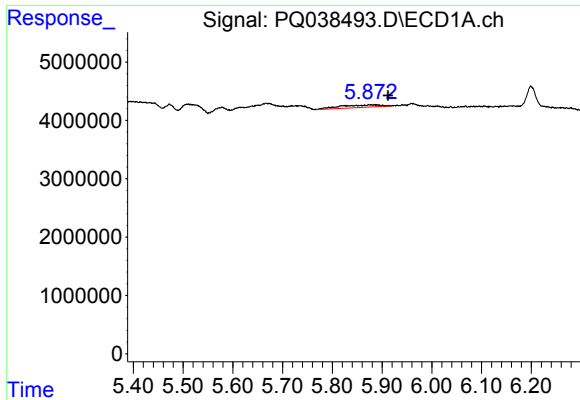
#15 AR-1232-5

R.T.: 6.200 min  
Delta R.T.: 0.015 min  
Response: 13218549  
Conc: 324.91 ng/ml



#15 AR-1232-5

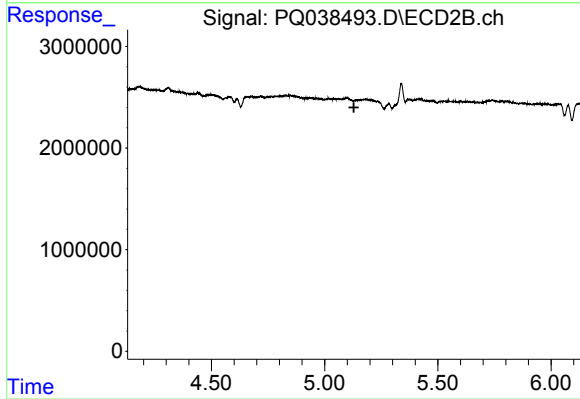
R.T.: 0.000 min  
Exp R.T.: 5.587 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

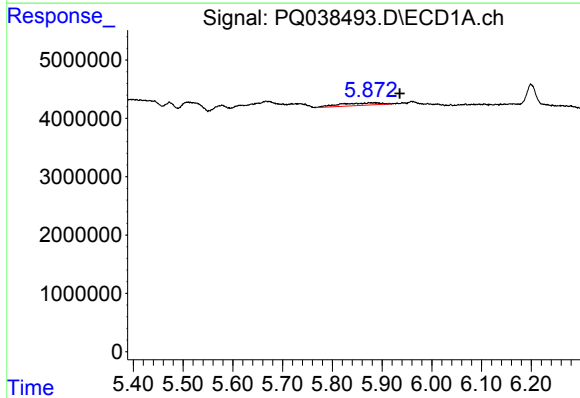
R.T.: 5.873 min  
Delta R.T.: -0.039 min  
Response: 2464496  
Conc: 16.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



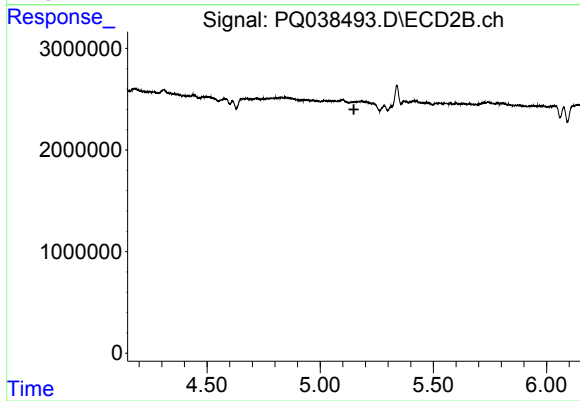
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.129 min  
Response: 0  
Conc: N.D.



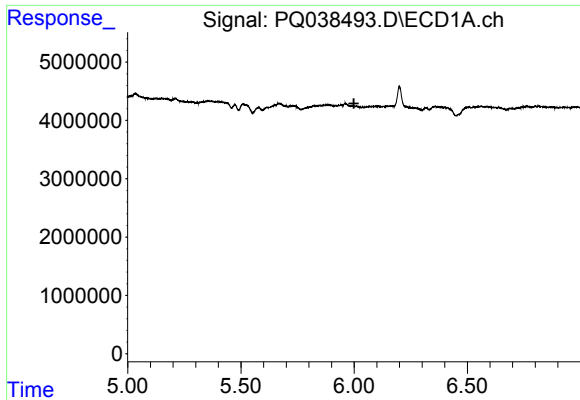
#17 AR-1242-2

R.T.: 5.873 min  
Delta R.T.: -0.062 min  
Response: 2464496  
Conc: 10.79 ng/ml



#17 AR-1242-2

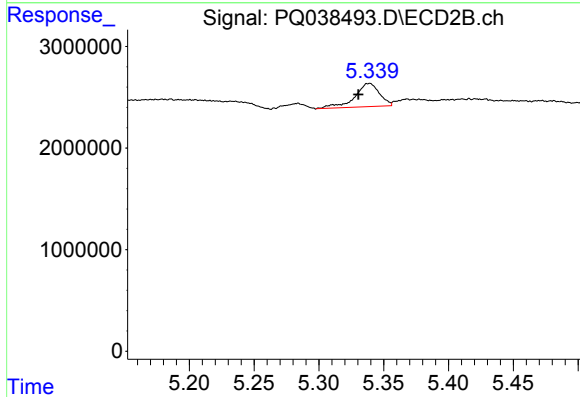
R.T.: 0.000 min  
Exp R.T. : 5.149 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

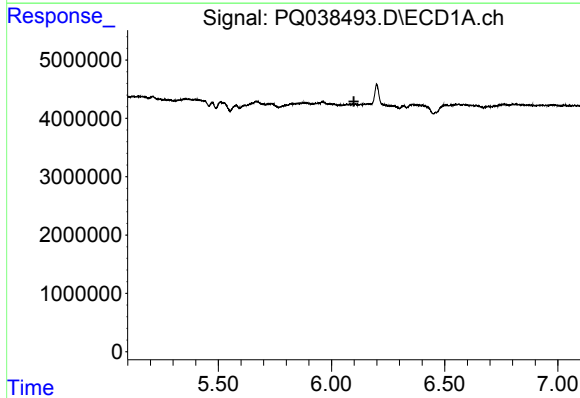
R.T.: 0.000 min  
Exp R.T.: 5.999 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



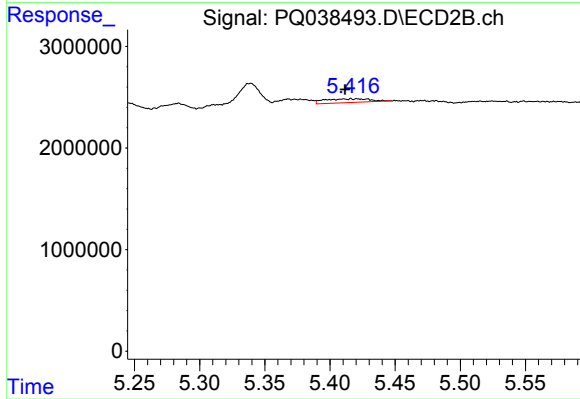
#18 AR-1242-3

R.T.: 5.339 min  
Delta R.T.: 0.008 min  
Response: 3033134  
Conc: 56.66 ng/ml



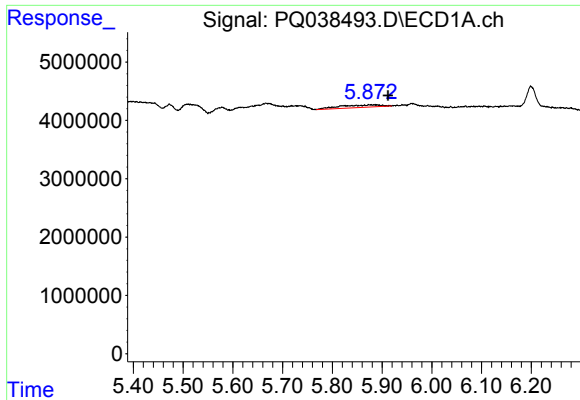
#19 AR-1242-4

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



#19 AR-1242-4

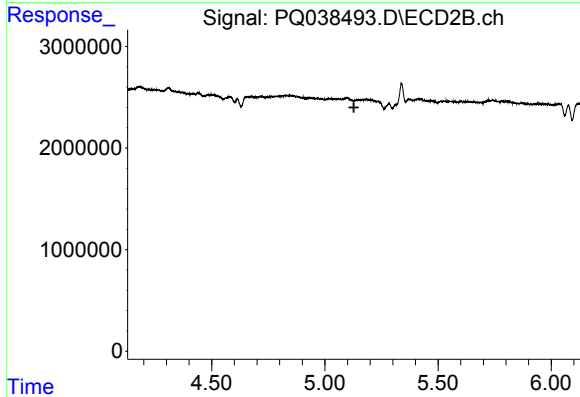
R.T.: 5.416 min  
Delta R.T.: 0.005 min  
Response: 912806  
Conc: 16.82 ng/ml



#21 AR-1248-1

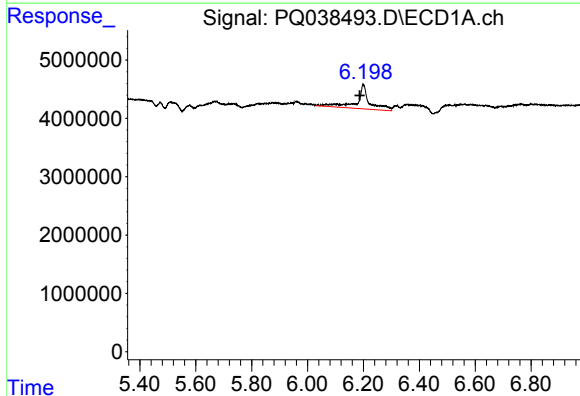
R.T.: 5.873 min  
Delta R.T.: -0.039 min  
Response: 2464496  
Conc: 22.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



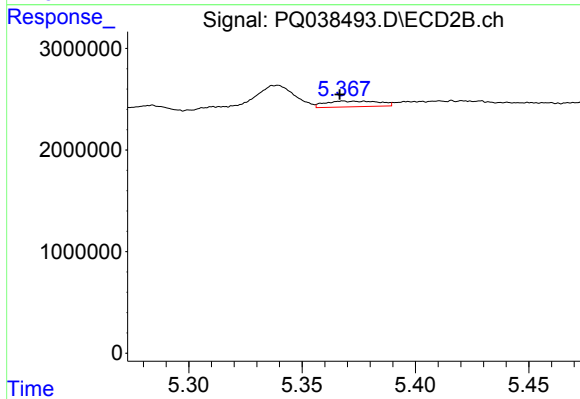
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.128 min  
Response: 0  
Conc: N.D.



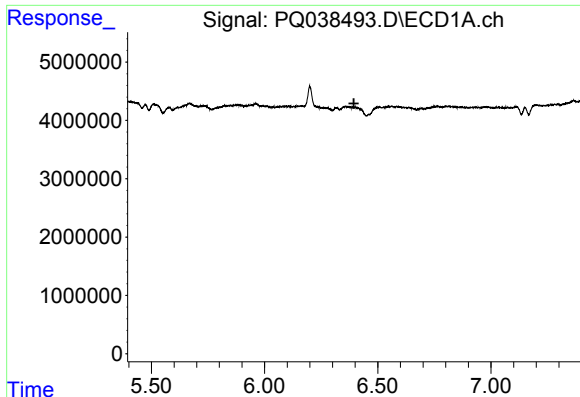
#22 AR-1248-2

R.T.: 6.200 min  
Delta R.T.: 0.013 min  
Response: 13218549  
Conc: 81.09 ng/ml



#22 AR-1248-2

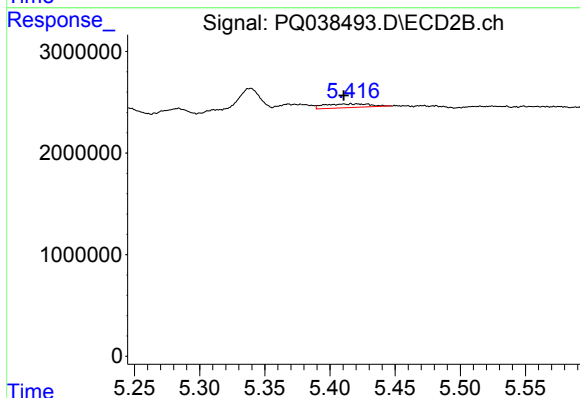
R.T.: 5.368 min  
Delta R.T.: 0.001 min  
Response: 930927  
Conc: 13.06 ng/ml



#23 AR-1248-3

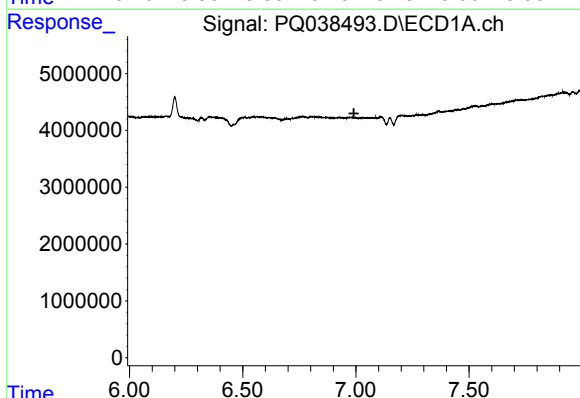
R.T.: 0.000 min  
Exp R.T. : 6.395 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



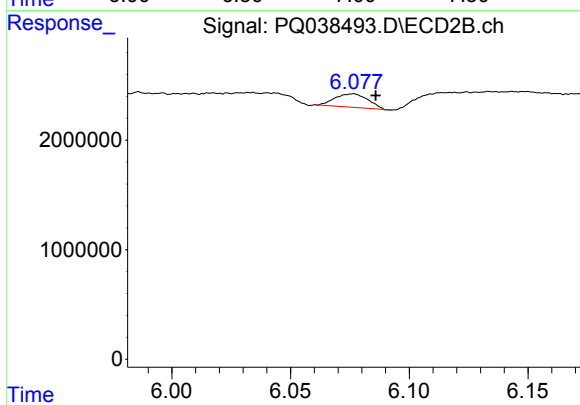
#23 AR-1248-3

R.T.: 5.416 min  
Delta R.T.: 0.006 min  
Response: 912806  
Conc: 12.46 ng/ml



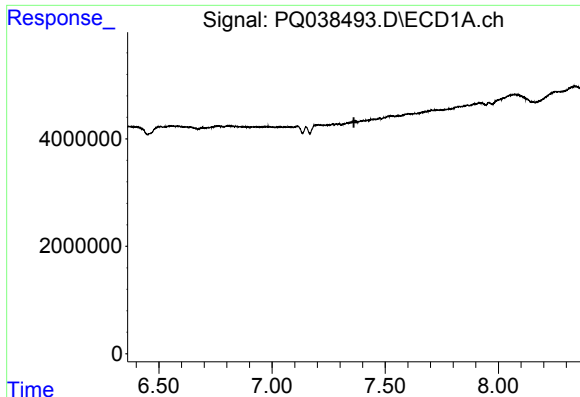
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.991 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

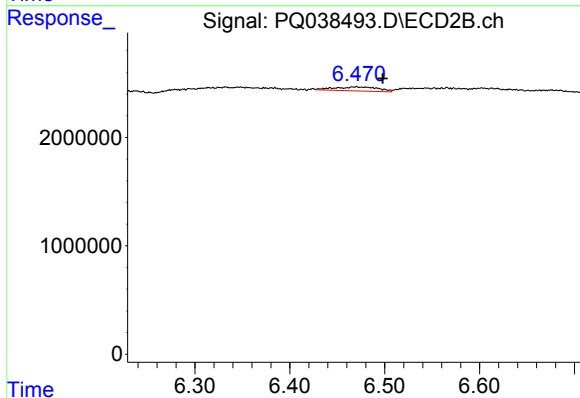
R.T.: 6.076 min  
Delta R.T.: -0.010 min  
Response: 1190756  
Conc: 8.52 ng/ml



#28 AR-1254-3

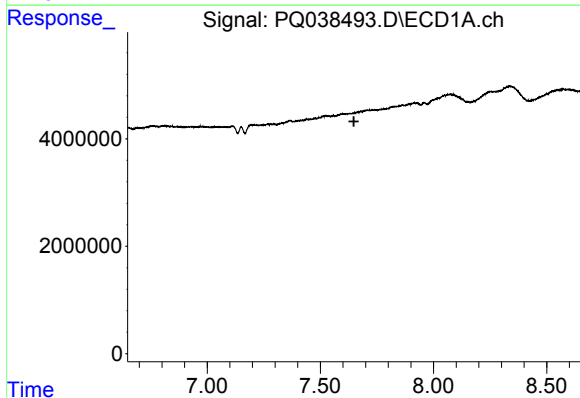
R.T.: 0.000 min  
Exp R.T.: 7.361 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



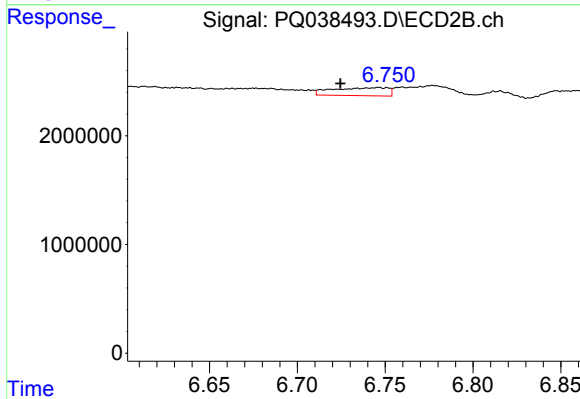
#28 AR-1254-3

R.T.: 6.470 min  
Delta R.T.: -0.028 min  
Response: 1178085  
Conc: 4.90 ng/ml



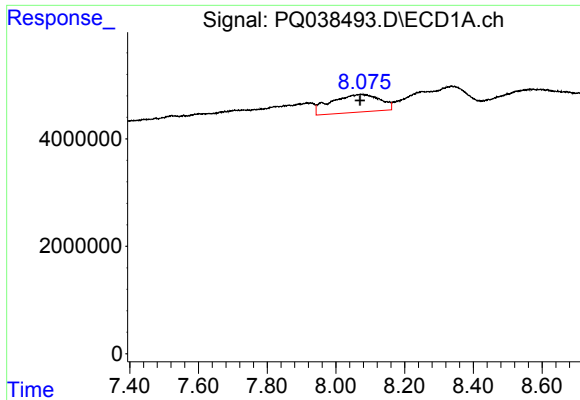
#29 AR-1254-4

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



#29 AR-1254-4

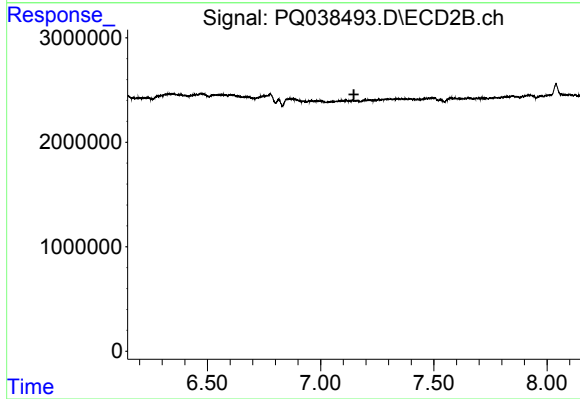
R.T.: 6.746 min  
Delta R.T.: 0.022 min  
Response: 1623101  
Conc: 10.47 ng/ml



#30 AR-1254-5

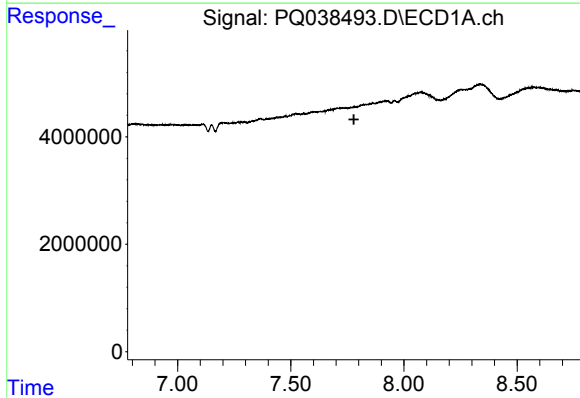
R.T.: 8.072 min  
Delta R.T.: 0.002 min  
Response: 32901400  
Conc: 101.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



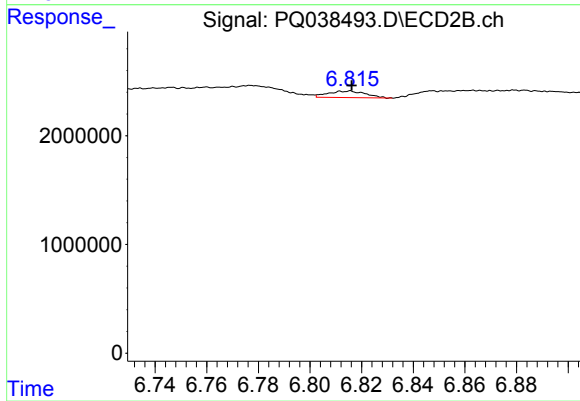
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.147 min  
Response: 0  
Conc: N.D.



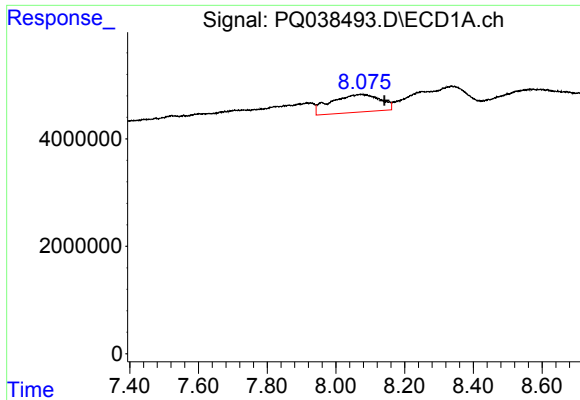
#32 AR-1260-2

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



#32 AR-1260-2

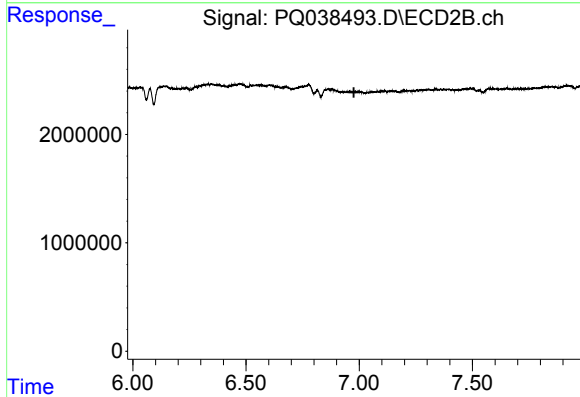
R.T.: 6.815 min  
Delta R.T.: -0.001 min  
Response: 605635  
Conc: 2.36 ng/ml



#33 AR-1260-3

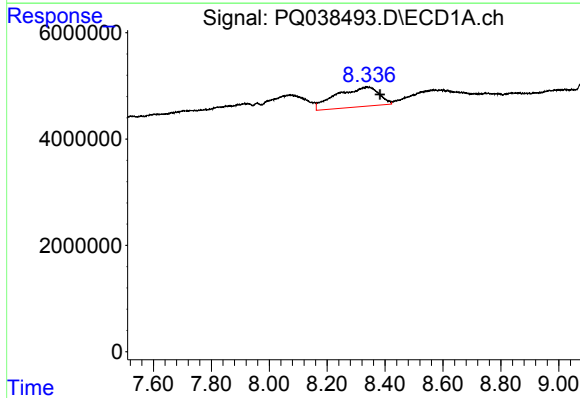
R.T.: 8.072 min  
Delta R.T.: -0.069 min  
Response: 32901400  
Conc: 85.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



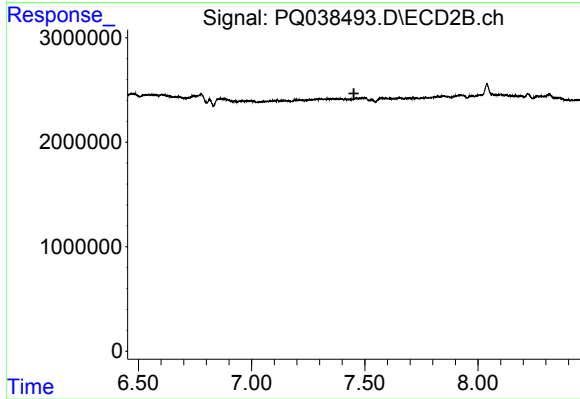
#33 AR-1260-3

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



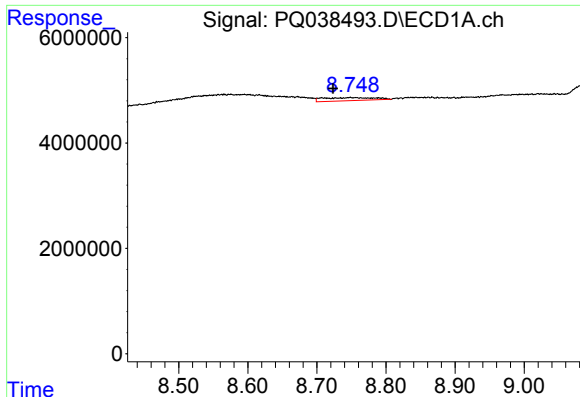
#34 AR-1260-4

R.T.: 8.338 min  
Delta R.T.: -0.045 min  
Response: 37873101  
Conc: 83.03 ng/ml



#34 AR-1260-4

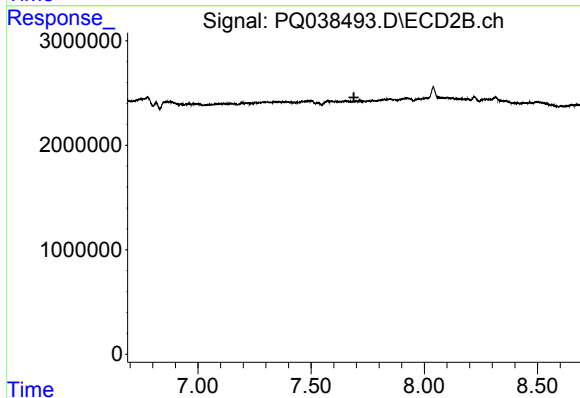
R.T.: 0.000 min  
Exp R.T. : 7.452 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

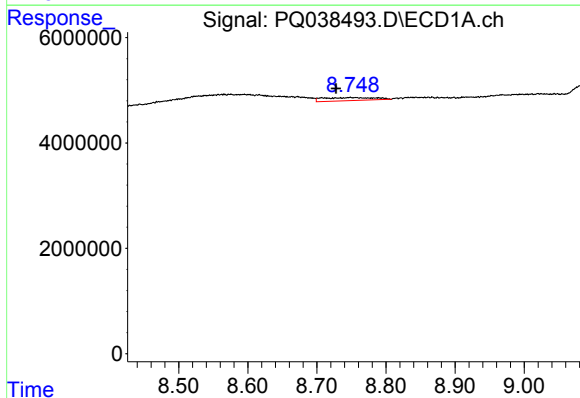
R.T.: 8.750 min  
Delta R.T.: 0.027 min  
Response: 3019626  
Conc: 3.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



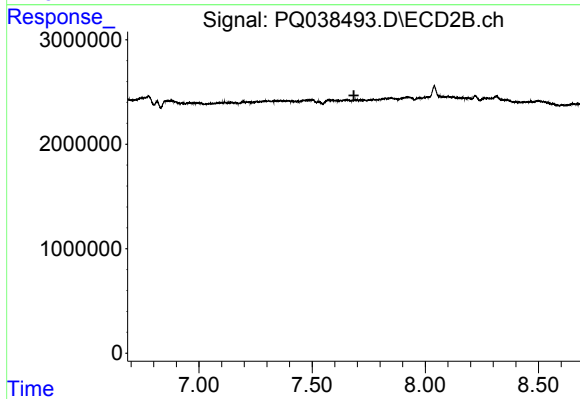
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.689 min  
Response: 0  
Conc: N.D.



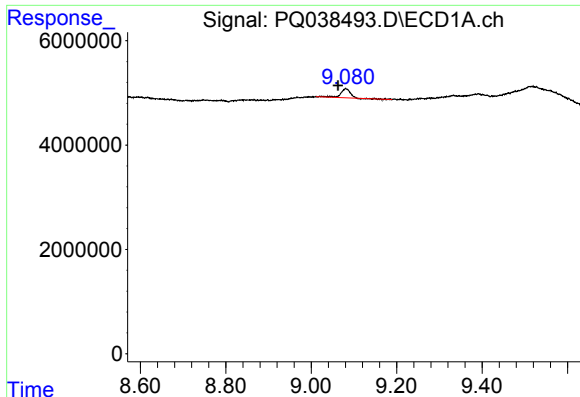
#37 AR-1262-2

R.T.: 8.750 min  
Delta R.T.: 0.023 min  
Response: 3019626  
Conc: 4.23 ng/ml



#37 AR-1262-2

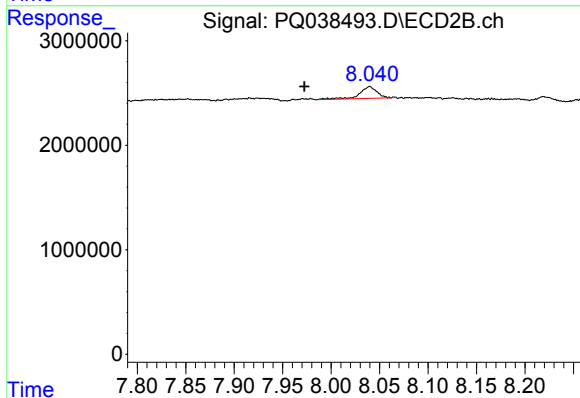
R.T.: 0.000 min  
Exp R.T. : 7.685 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

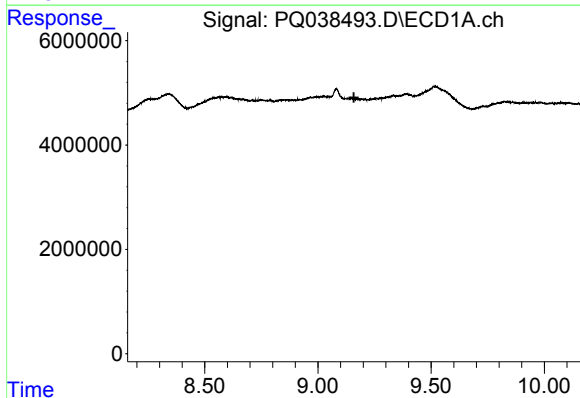
R.T.: 9.081 min  
Delta R.T.: 0.018 min  
Response: 2586163  
Conc: 5.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



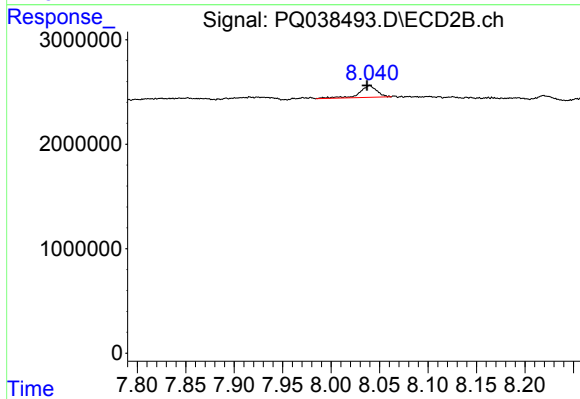
#38 AR-1262-3

R.T.: 8.040 min  
Delta R.T.: 0.067 min  
Response: 1405299  
Conc: 9.44 ng/ml



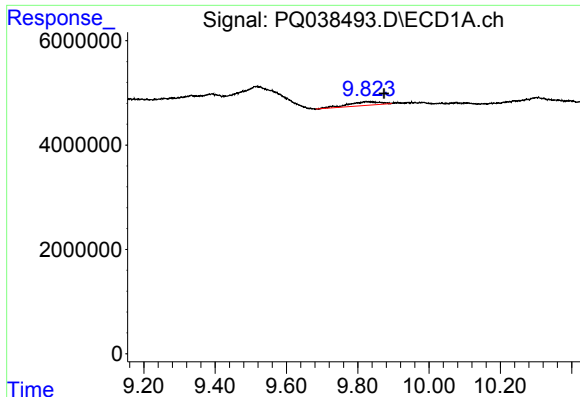
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.159 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

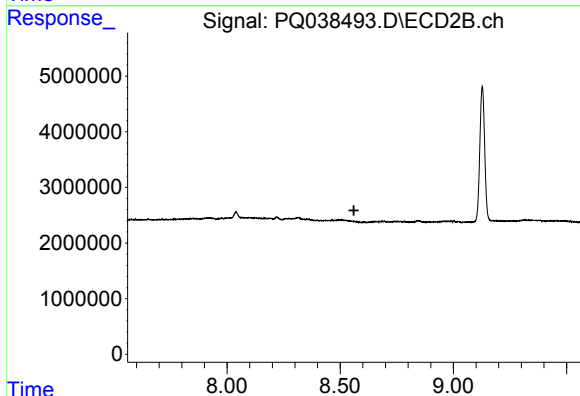
R.T.: 8.040 min  
Delta R.T.: 0.003 min  
Response: 1405299  
Conc: 4.93 ng/ml



#40 AR-1262-5

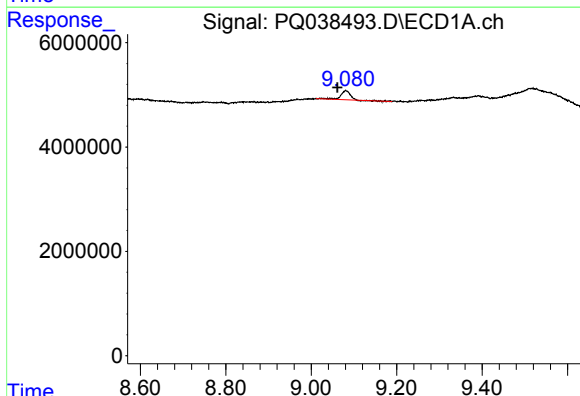
R.T.: 9.826 min  
Delta R.T.: -0.048 min  
Response: 4425771  
Conc: 18.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



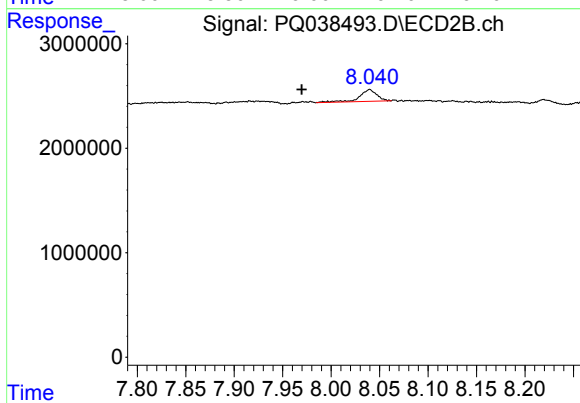
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.561 min  
Response: 0  
Conc: N.D.



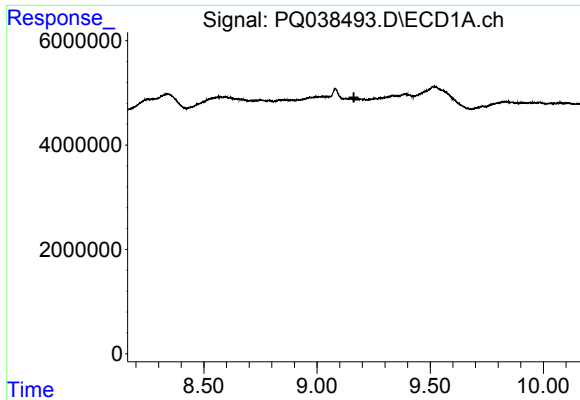
#41 AR-1268-1

R.T.: 9.081 min  
Delta R.T.: 0.019 min  
Response: 2586163  
Conc: 1.63 ng/ml



#41 AR-1268-1

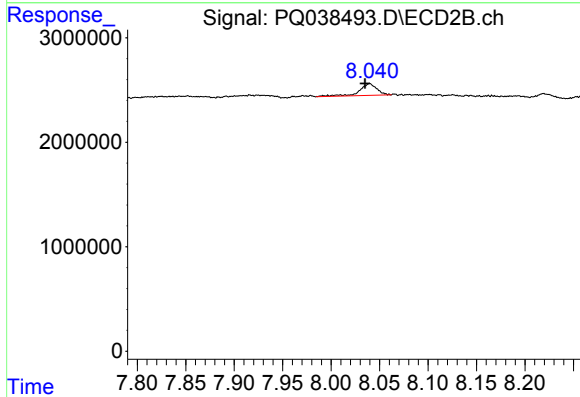
R.T.: 8.040 min  
Delta R.T.: 0.070 min  
Response: 1405299  
Conc: 1.75 ng/ml



#42 AR-1268-2

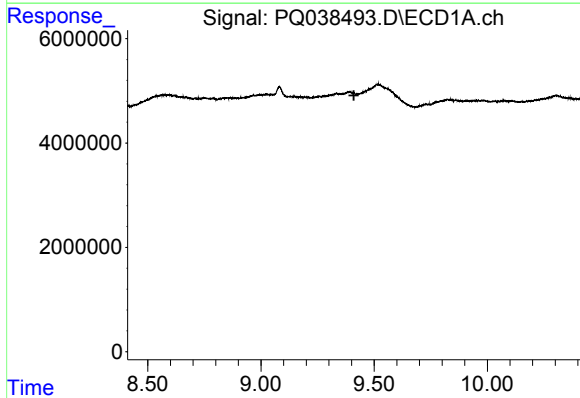
R.T.: 0.000 min  
Exp R.T.: 9.163 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



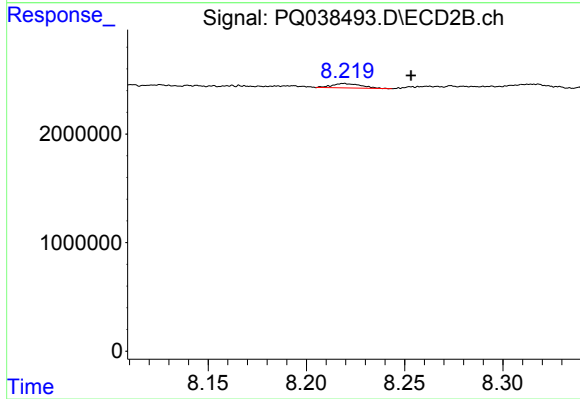
#42 AR-1268-2

R.T.: 8.040 min  
Delta R.T.: 0.005 min  
Response: 1405299  
Conc: 1.94 ng/ml



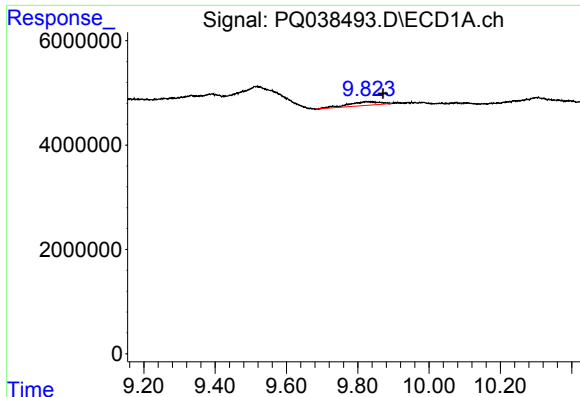
#43 AR-1268-3

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



#43 AR-1268-3

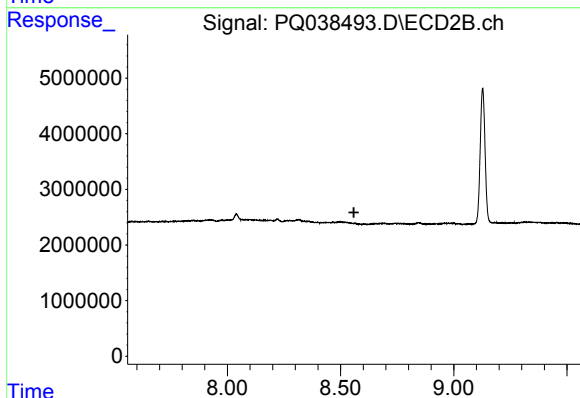
R.T.: 8.219 min  
Delta R.T.: -0.034 min  
Response: 408281  
Conc: 0.65 ng/ml



#44 AR-1268-4

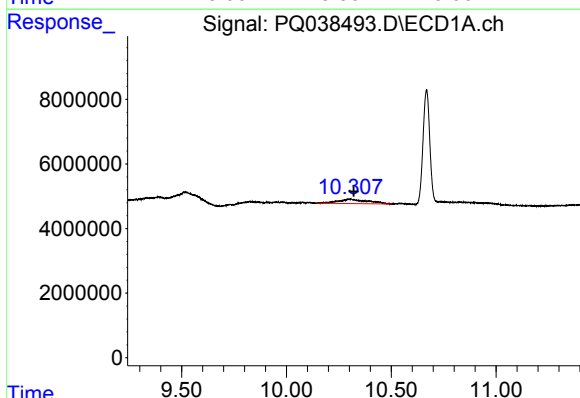
R.T.: 9.826 min  
Delta R.T.: -0.045 min  
Response: 4425771  
Conc: 9.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5E0



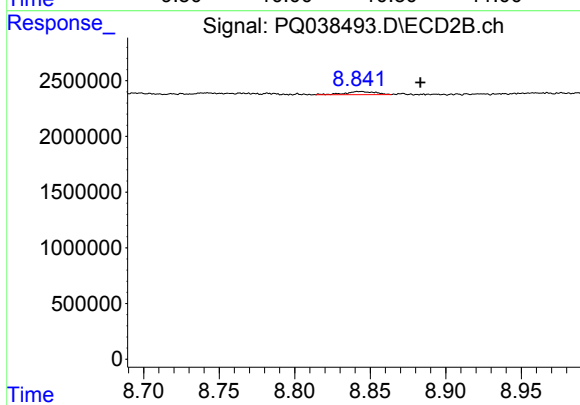
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.559 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.302 min  
Delta R.T.: -0.019 min  
Response: 13443934  
Conc: 3.12 ng/ml



#45 AR-1268-5

R.T.: 8.843 min  
Delta R.T.: -0.040 min  
Response: 393731  
Conc: 0.20 ng/ml