

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032919\  
 Data File : PQ038516.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Mar 2019 08:57  
 Operator : SM\SJ  
 Sample : K2119-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 BF598

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 22:29:57 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... | 4.719  | 3.997 | 84011575 | 36544746 | 20.384 | 21.653    |
| 2)                          | SA Decachlor... | 10.671 | 9.127 | 207.1E6  | 94186465 | 38.070 | 39.810    |
| Target Compounds            |                 |        |       |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 5.849  | 5.178 | 10642907 | 11858267 | 44.569 | 110.992 # |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.178 | 0        | 11858267 | N.D.   | 76.549 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.340 | 0        | 4806032  | N.D.   | 59.938 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.364 | 0        | 1774795  | N.D.   | 27.952 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.651 | 0        | 2457505  | N.D.   | 28.058 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.183 | 0        | 1864000  | N.D.   | 79.860 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.305 | 0        | 1735803  | N.D.   | 104.268 # |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.178 | 0        | 11858267 | N.D.   | 265.700 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.340 | 0        | 4806032  | N.D.   | 199.744 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.402 | 0        | 2692099  | N.D.   | 119.195 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.651 | 0        | 2457505  | N.D.   | 101.531 # |
| 16)                         | L4 AR-1242-1    | 5.849  | 5.178 | 10642907 | 11858267 | 69.534 | 168.405 # |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.178 | 0        | 11858267 | N.D.   | 117.692 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.340 | 0        | 4806032  | N.D.   | 89.775 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.402 | 0        | 2692099  | N.D.   | 49.596 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.921 | 0        | 2274266  | N.D.   | 30.939 #  |
| 21)                         | L5 AR-1248-1    | 5.849  | 5.178 | 10642907 | 11858267 | 98.921 | 236.311 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.364 | 0        | 1774795  | N.D.   | 24.906 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.402 | 0        | 2692099  | N.D.   | 36.751 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.651 | 0        | 2457505  | N.D.   | 27.178 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.975 | 0        | 445528   | N.D.   | 4.966 #   |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.921 | 0        | 2274266  | N.D.   | 14.145 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.135 | 0        | 3750326  | N.D.   | 26.841 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.470 | 0        | 4218170  | N.D.   | 17.544 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.681 | 0        | 3612460  | N.D.   | 23.311 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.617 | 0        | 2171486  | N.D.   | 10.621 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.834 | 0        | 591080   | N.D.   | 2.307 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.426 | 0        | 1310526  | N.D.   | 6.621 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.692 | 0        | 2135430  | N.D.   | 4.343 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.252 | 0        | 3156246  | N.D.   | 14.658 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.692 | 0        | 2135430  | N.D.   | 5.481 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.549 | 0        | 3192990  | N.D.   | 27.015 #  |
| 43)                         | L9 AR-1268-3    | 9.394  | 8.217 | 2242420  | 2542782  | 1.739  | 4.041 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.549 | 0        | 3192990  | N.D.   | 13.561 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.905 | 0        | 569537   | N.D.   | 0.296 #   |
| -----                       |                 |        |       |          |          |        |           |

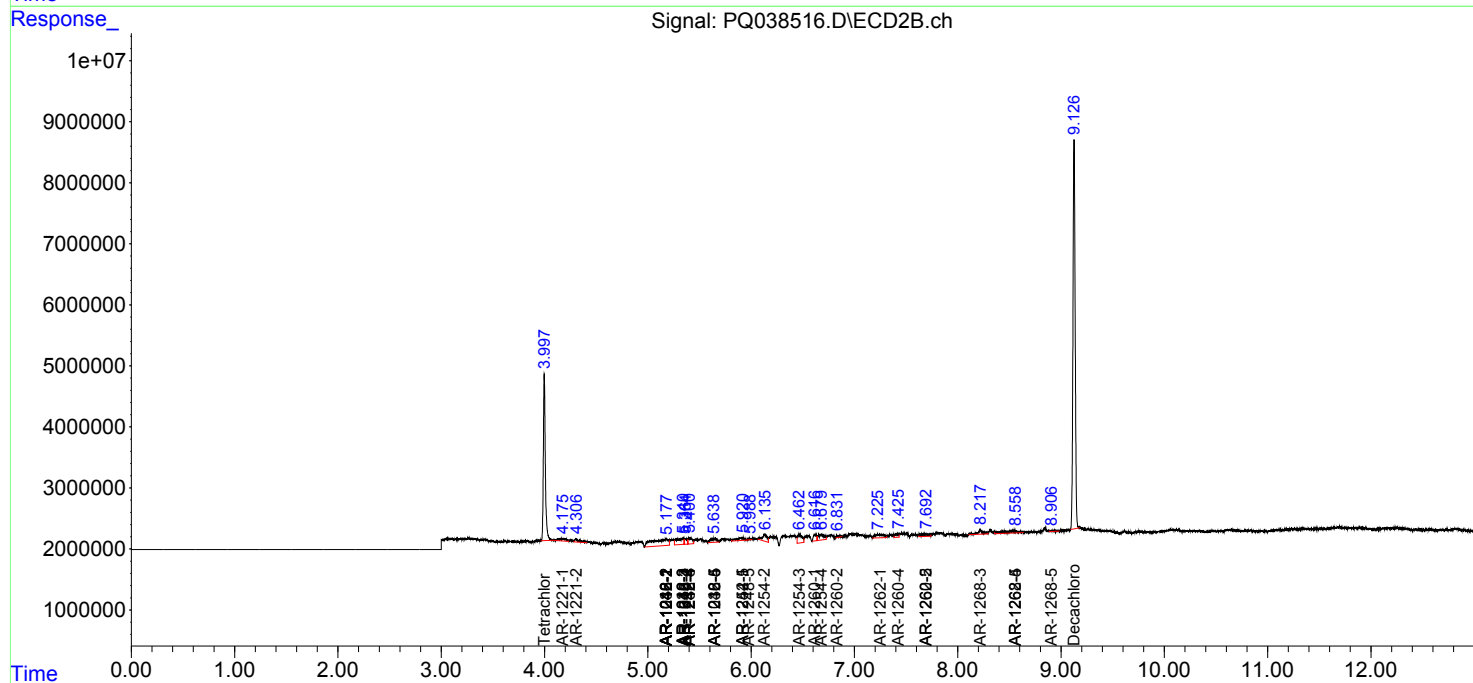
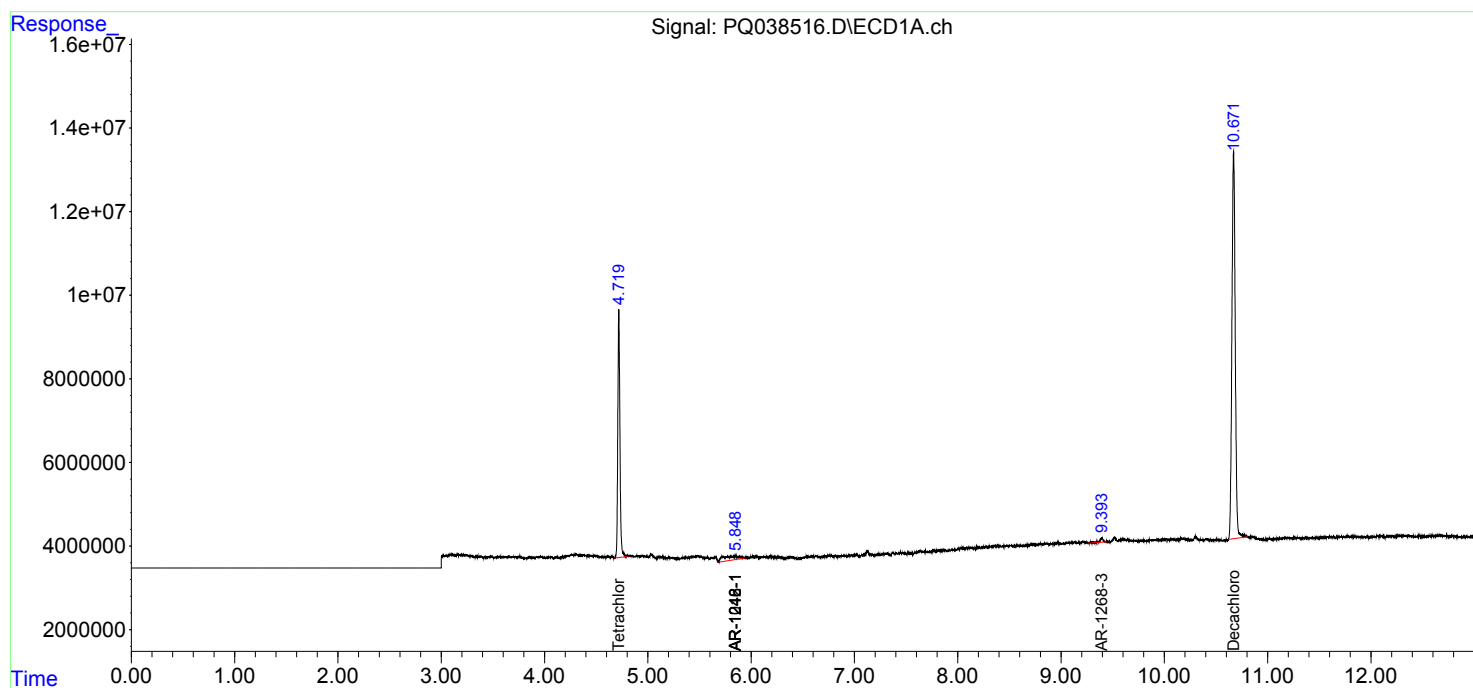
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

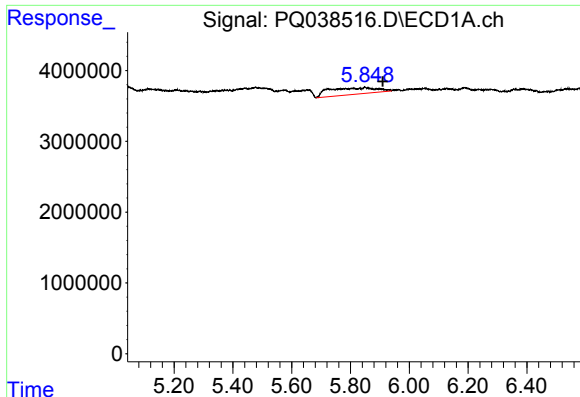
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032919\  
Data File : PQ038516.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Mar 2019 08:57  
Operator : SM\SJ  
Sample : K2119-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 22:29:57 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  
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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

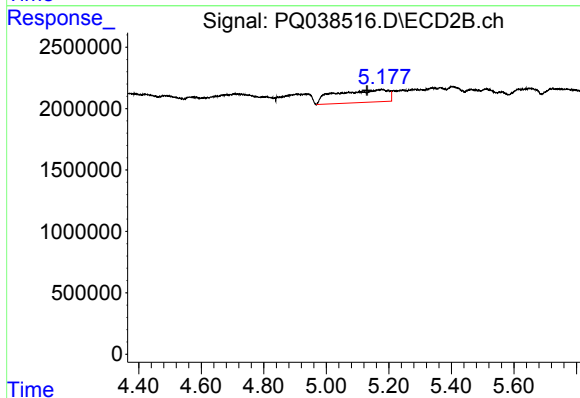




#3 AR-1016-1

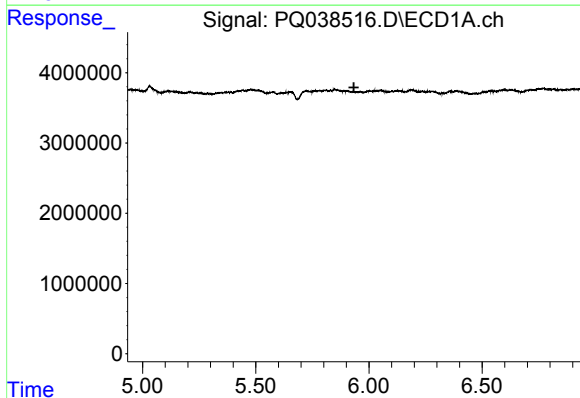
R.T.: 5.849 min  
Delta R.T.: -0.062 min  
Response: 10642907  
Conc: 44.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



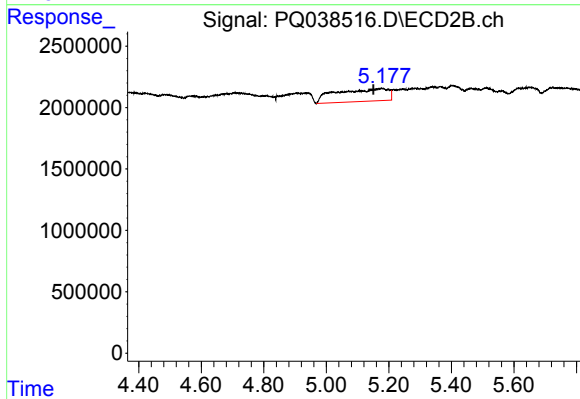
#3 AR-1016-1

R.T.: 5.178 min  
Delta R.T.: 0.047 min  
Response: 11858267  
Conc: 110.99 ng/ml



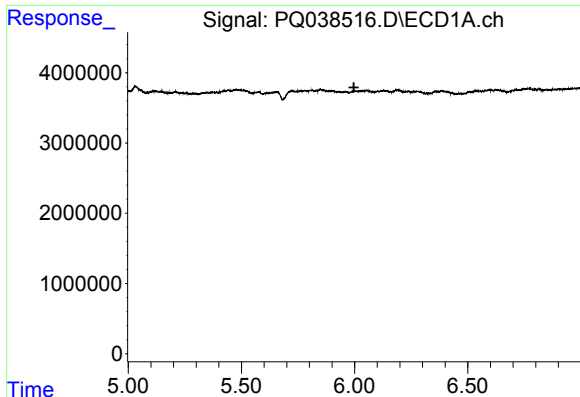
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.934 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

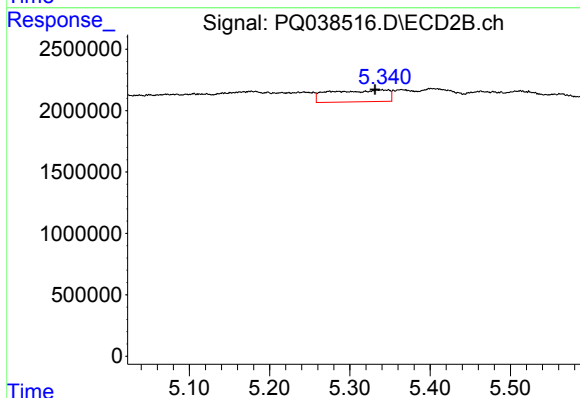
R.T.: 5.178 min  
Delta R.T.: 0.027 min  
Response: 11858267  
Conc: 76.55 ng/ml



#5 AR-1016-3

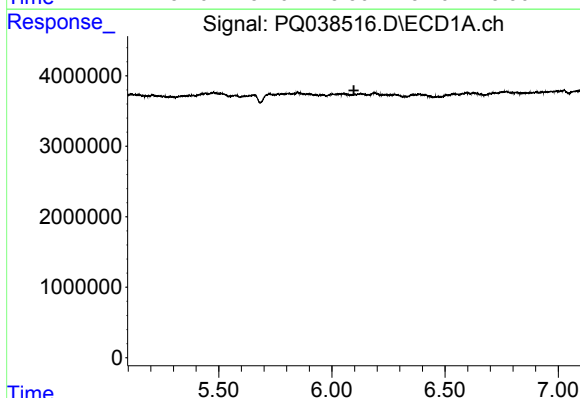
R.T.: 0.000 min  
Exp R.T.: 5.997 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



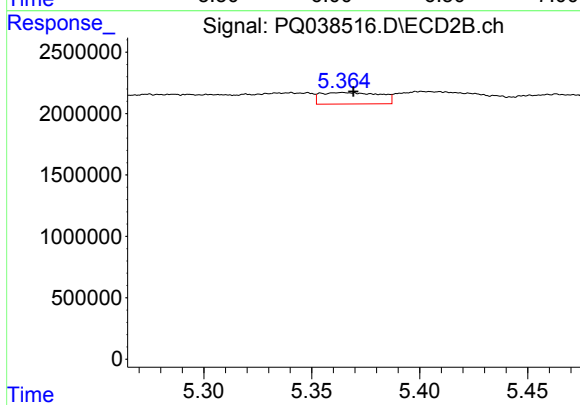
#5 AR-1016-3

R.T.: 5.340 min  
Delta R.T.: 0.008 min  
Response: 4806032  
Conc: 59.94 ng/ml



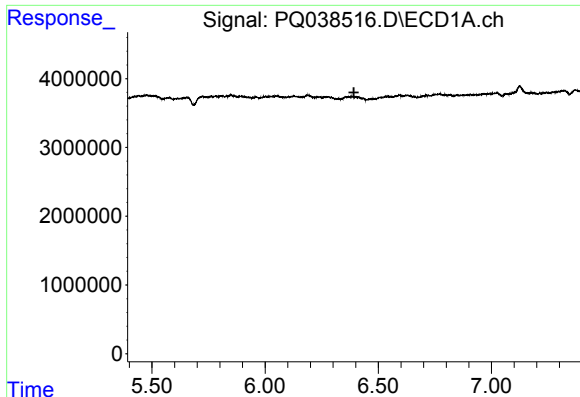
#6 AR-1016-4

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



#6 AR-1016-4

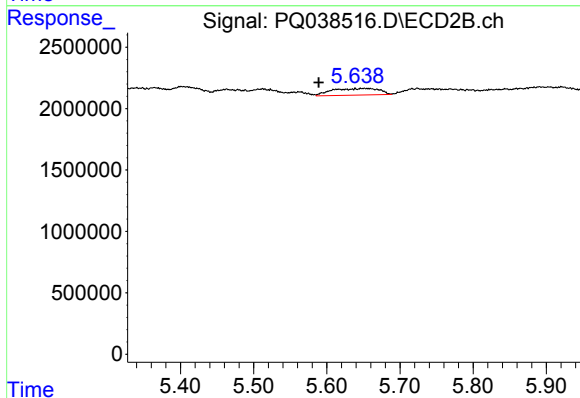
R.T.: 5.364 min  
Delta R.T.: -0.005 min  
Response: 1774795  
Conc: 27.95 ng/ml



#7 AR-1016-5

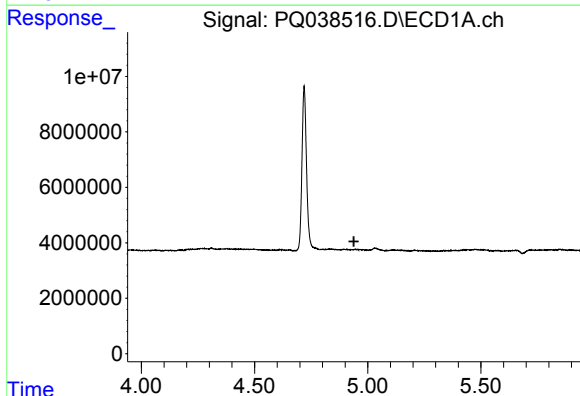
R.T.: 0.000 min  
Exp R.T.: 6.392 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



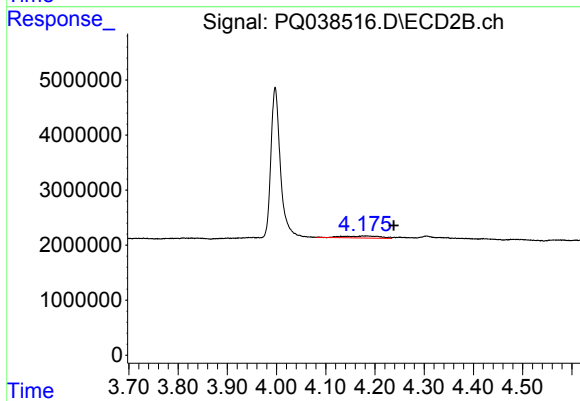
#7 AR-1016-5

R.T.: 5.651 min  
Delta R.T.: 0.062 min  
Response: 2457505  
Conc: 28.06 ng/ml



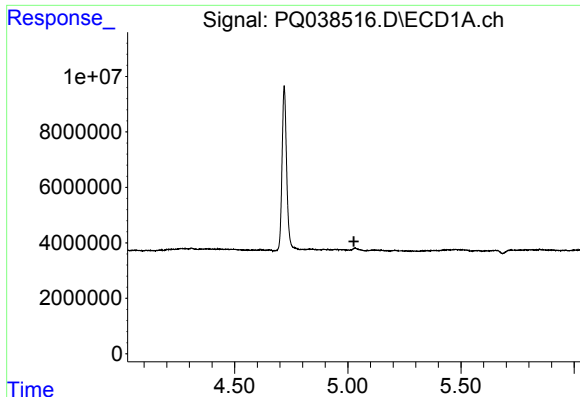
#8 AR-1221-1

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



#8 AR-1221-1

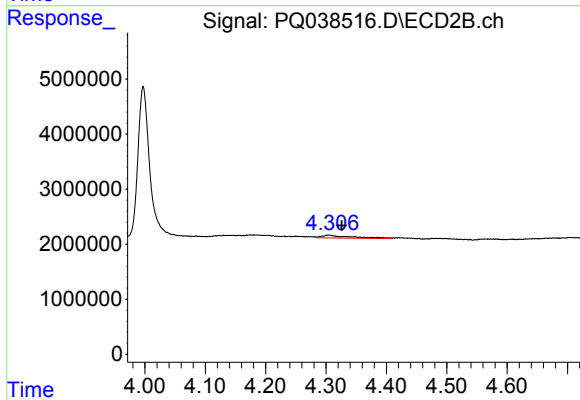
R.T.: 4.183 min  
Delta R.T.: -0.055 min  
Response: 1864000  
Conc: 79.86 ng/ml



#9 AR-1221-2

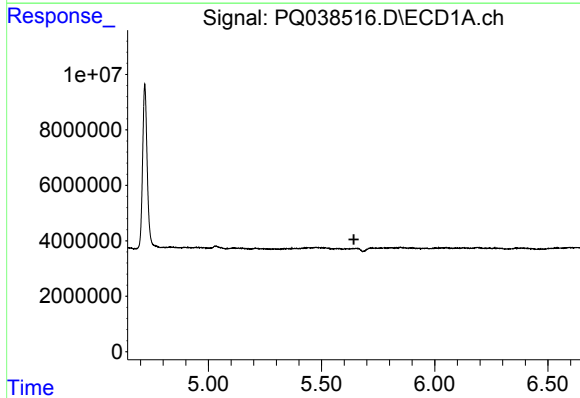
R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



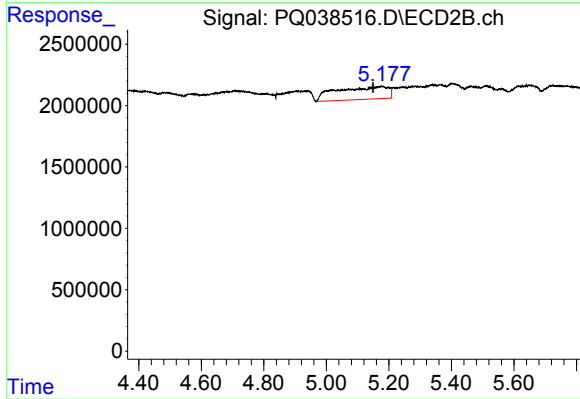
#9 AR-1221-2

R.T.: 4.305 min  
Delta R.T.: -0.021 min  
Response: 1735803  
Conc: 104.27 ng/ml



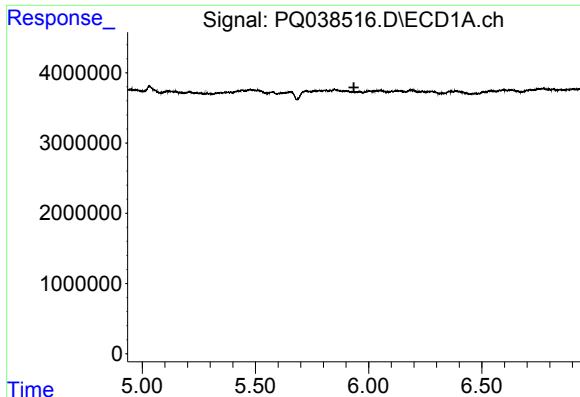
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.643 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

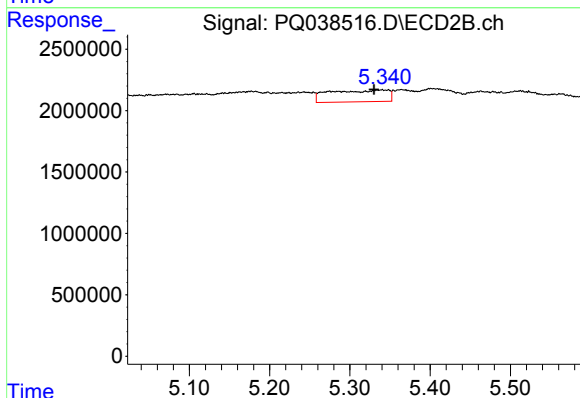
R.T.: 5.178 min  
Delta R.T.: 0.028 min  
Response: 11858267  
Conc: 265.70 ng/ml



#13 AR-1232-3

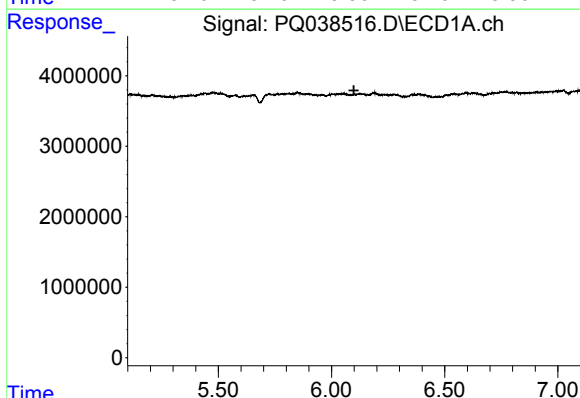
R.T.: 0.000 min  
Exp R.T.: 5.935 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



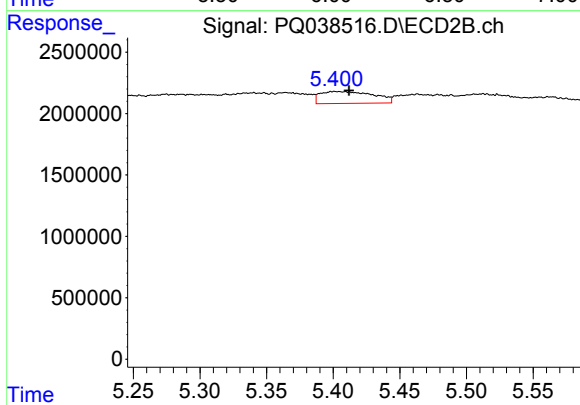
#13 AR-1232-3

R.T.: 5.340 min  
Delta R.T.: 0.009 min  
Response: 4806032  
Conc: 199.74 ng/ml



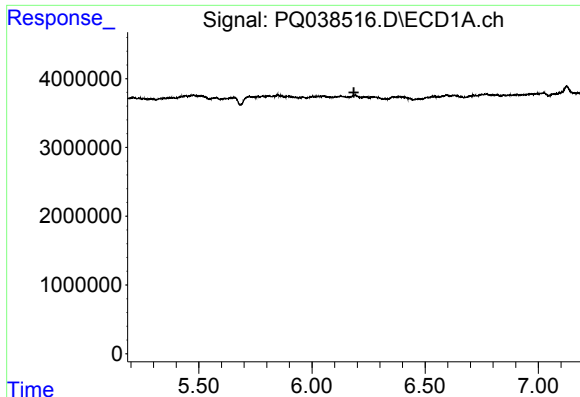
#14 AR-1232-4

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



#14 AR-1232-4

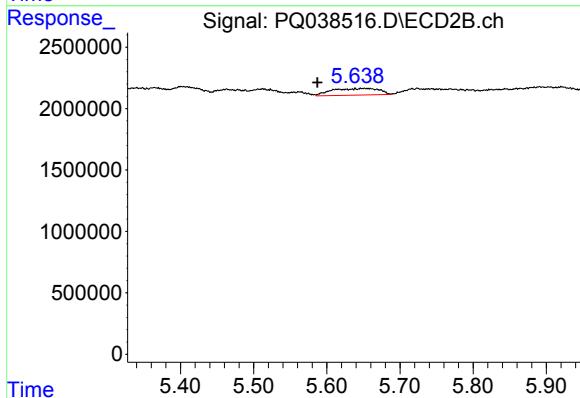
R.T.: 5.402 min  
Delta R.T.: -0.010 min  
Response: 2692099  
Conc: 119.19 ng/ml



#15 AR-1232-5

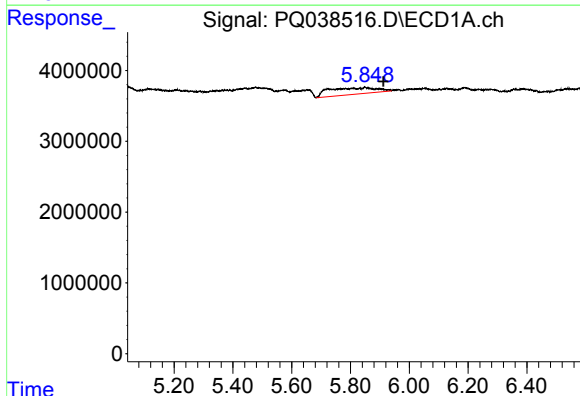
R.T.: 0.000 min  
Exp R.T.: 6.185 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



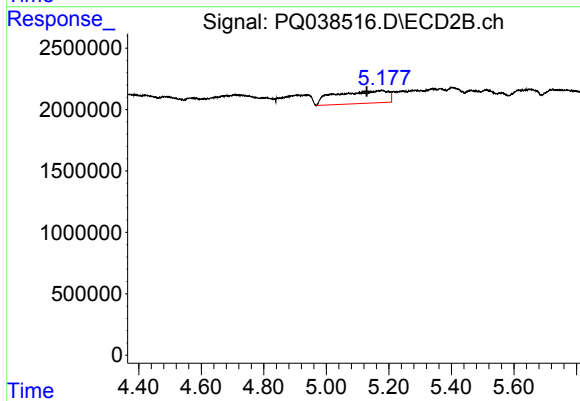
#15 AR-1232-5

R.T.: 5.651 min  
Delta R.T.: 0.064 min  
Response: 2457505  
Conc: 101.53 ng/ml



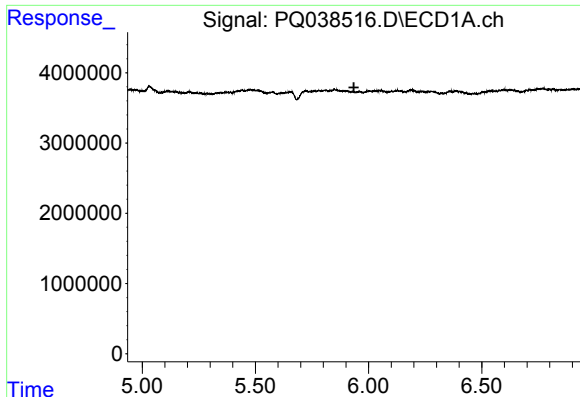
#16 AR-1242-1

R.T.: 5.849 min  
Delta R.T.: -0.063 min  
Response: 10642907  
Conc: 69.53 ng/ml



#16 AR-1242-1

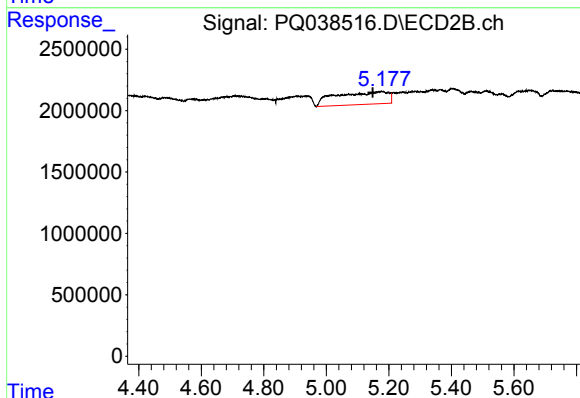
R.T.: 5.178 min  
Delta R.T.: 0.049 min  
Response: 11858267  
Conc: 168.41 ng/ml



#17 AR-1242-2

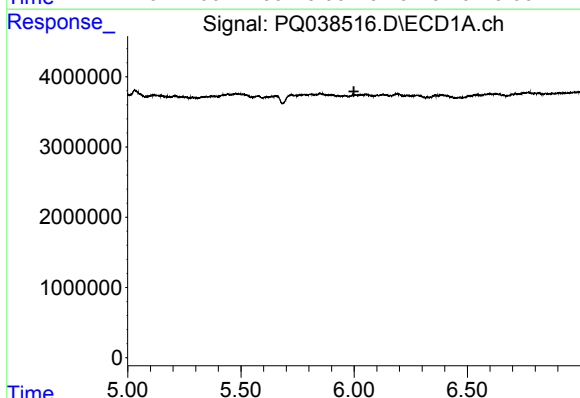
R.T.: 0.000 min  
Exp R.T.: 5.935 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



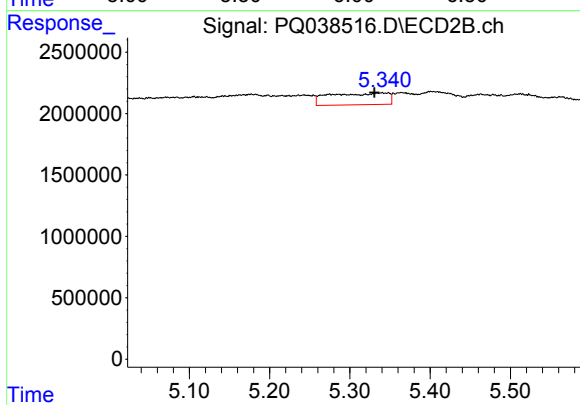
#17 AR-1242-2

R.T.: 5.178 min  
Delta R.T.: 0.029 min  
Response: 11858267  
Conc: 117.69 ng/ml



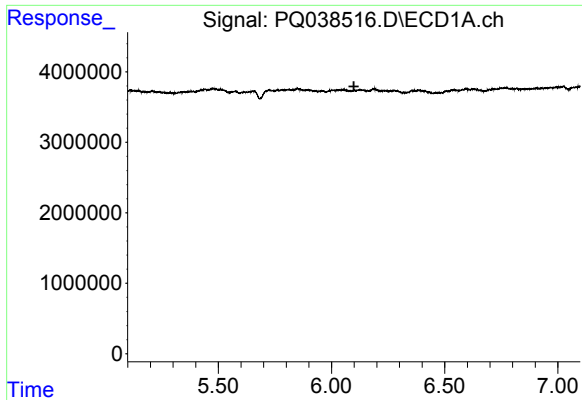
#18 AR-1242-3

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



#18 AR-1242-3

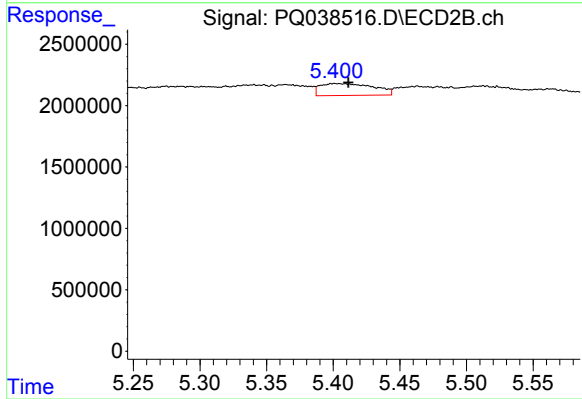
R.T.: 5.340 min  
Delta R.T.: 0.009 min  
Response: 4806032  
Conc: 89.78 ng/ml



#19 AR-1242-4

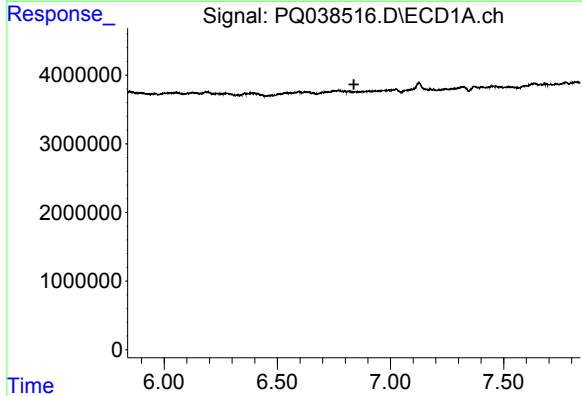
R.T.: 0.000 min  
Exp R.T.: 6.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



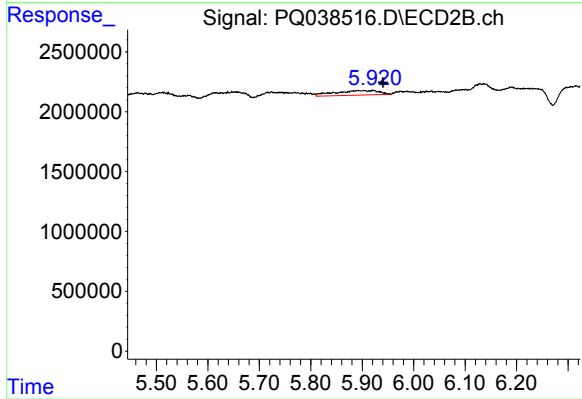
#19 AR-1242-4

R.T.: 5.402 min  
Delta R.T.: -0.009 min  
Response: 2692099  
Conc: 49.60 ng/ml



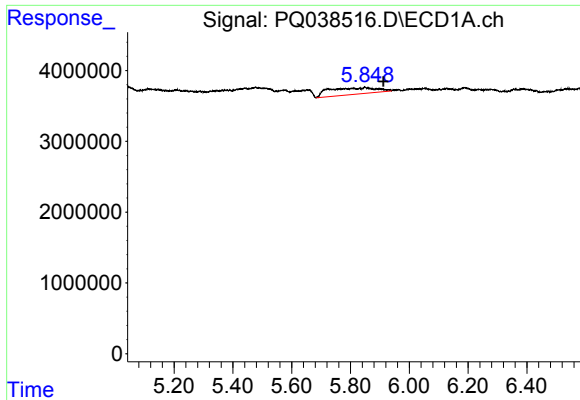
#20 AR-1242-5

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



#20 AR-1242-5

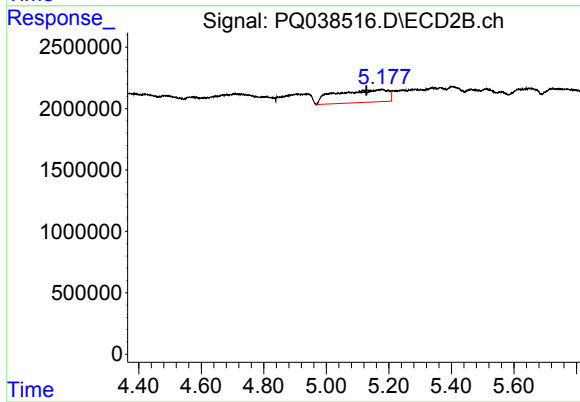
R.T.: 5.921 min  
Delta R.T.: -0.019 min  
Response: 2274266  
Conc: 30.94 ng/ml



#21 AR-1248-1

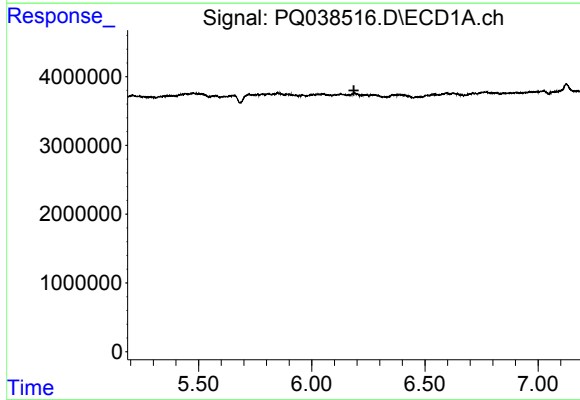
R.T.: 5.849 min  
Delta R.T.: -0.063 min  
Response: 10642907  
Conc: 98.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



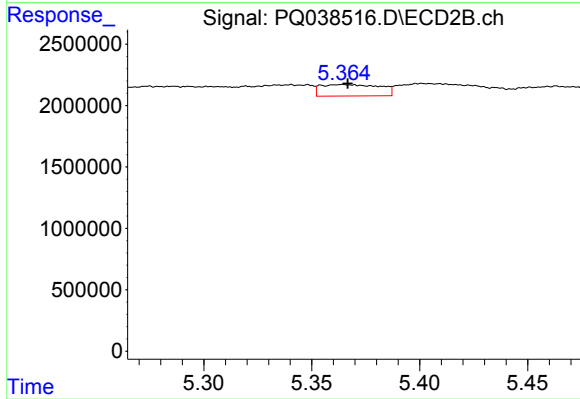
#21 AR-1248-1

R.T.: 5.178 min  
Delta R.T.: 0.049 min  
Response: 11858267  
Conc: 236.31 ng/ml



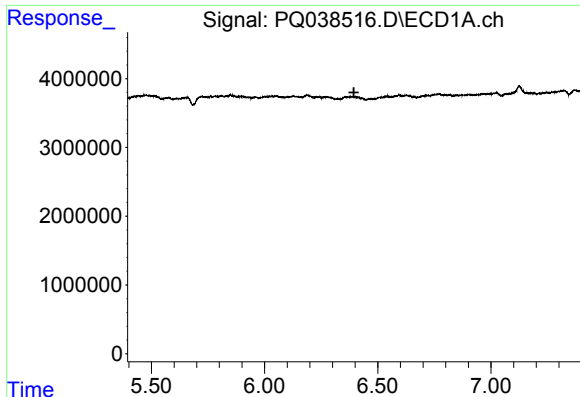
#22 AR-1248-2

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



#22 AR-1248-2

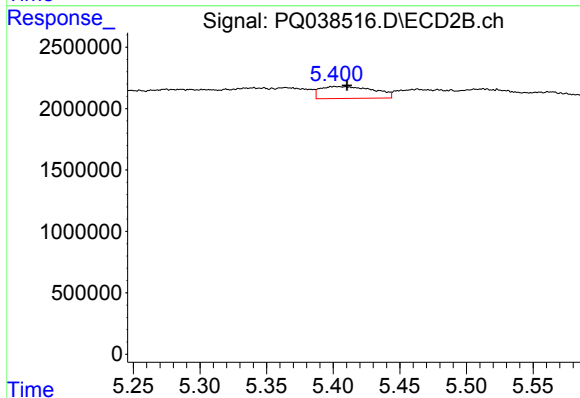
R.T.: 5.364 min  
Delta R.T.: -0.002 min  
Response: 1774795  
Conc: 24.91 ng/ml



#23 AR-1248-3

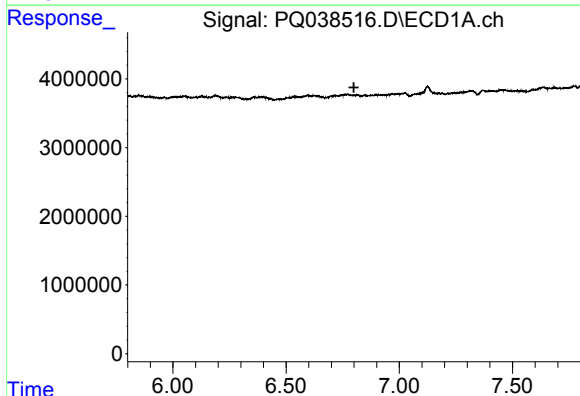
R.T.: 0.000 min  
Exp R.T.: 6.395 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



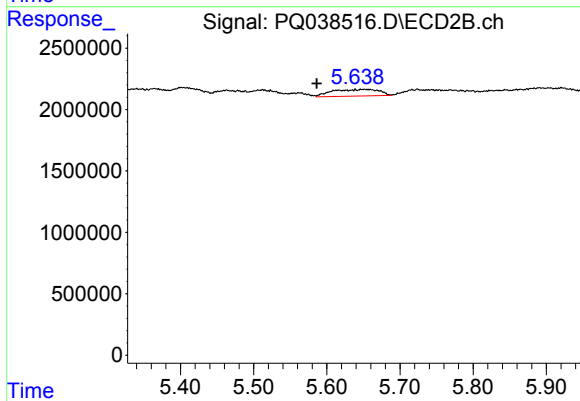
#23 AR-1248-3

R.T.: 5.402 min  
Delta R.T.: -0.008 min  
Response: 2692099  
Conc: 36.75 ng/ml



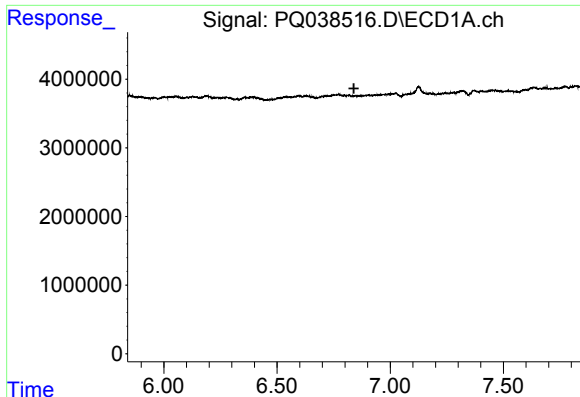
#24 AR-1248-4

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



#24 AR-1248-4

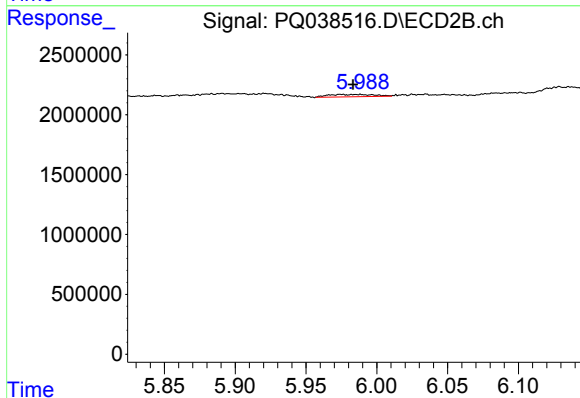
R.T.: 5.651 min  
Delta R.T.: 0.065 min  
Response: 2457505  
Conc: 27.18 ng/ml



#25 AR-1248-5

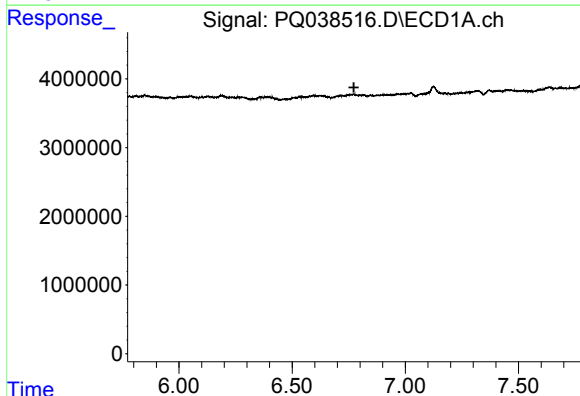
R.T.: 0.000 min  
Exp R.T.: 6.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



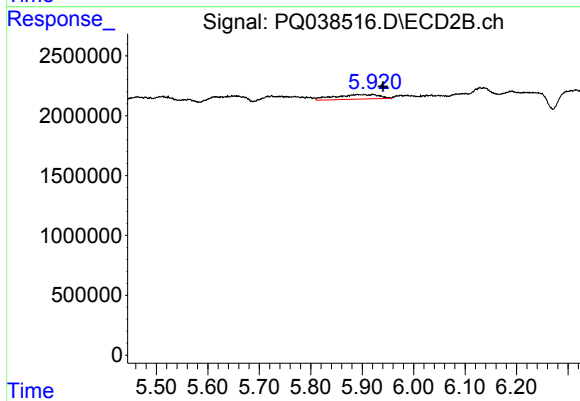
#25 AR-1248-5

R.T.: 5.975 min  
Delta R.T.: -0.008 min  
Response: 445528  
Conc: 4.97 ng/ml



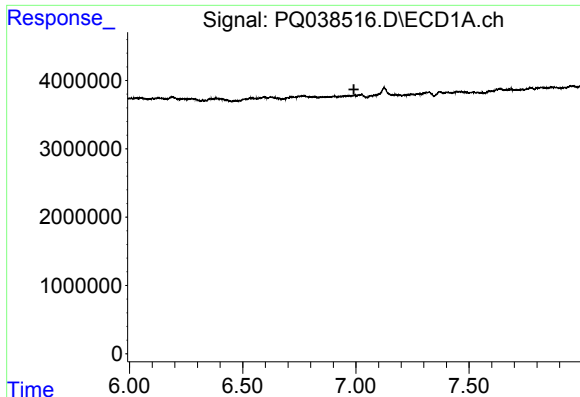
#26 AR-1254-1

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



#26 AR-1254-1

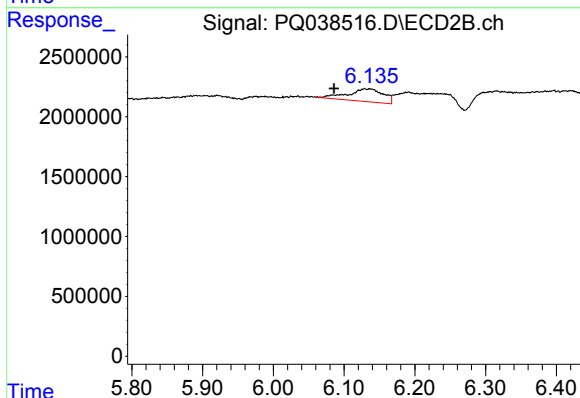
R.T.: 5.921 min  
Delta R.T.: -0.020 min  
Response: 2274266  
Conc: 14.15 ng/ml



#27 AR-1254-2

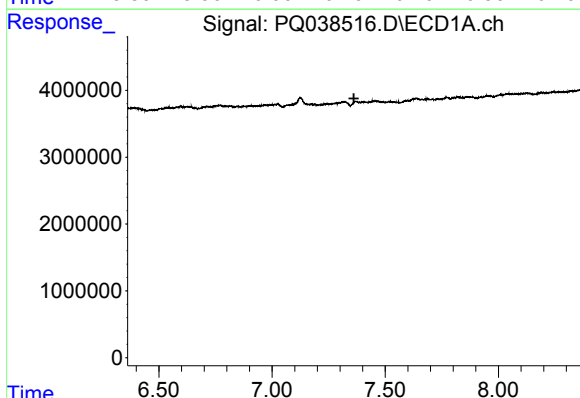
R.T.: 0.000 min  
Exp R.T.: 6.991 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



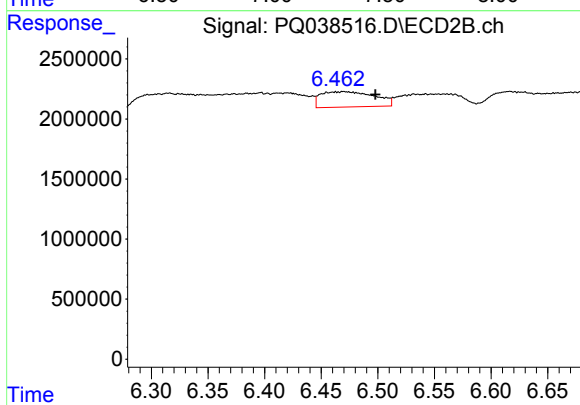
#27 AR-1254-2

R.T.: 6.135 min  
Delta R.T.: 0.049 min  
Response: 3750326  
Conc: 26.84 ng/ml



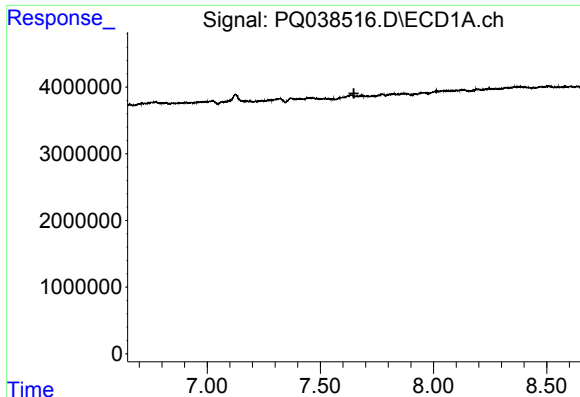
#28 AR-1254-3

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



#28 AR-1254-3

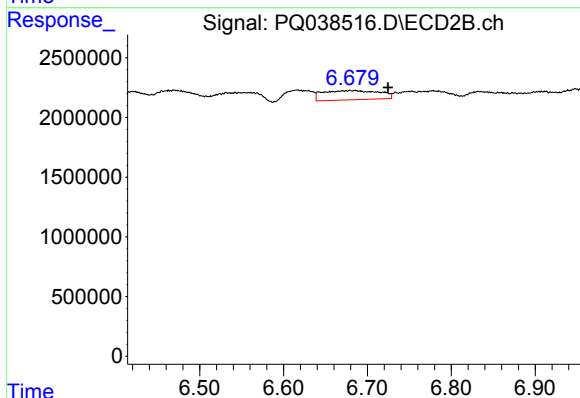
R.T.: 6.470 min  
Delta R.T.: -0.028 min  
Response: 4218170  
Conc: 17.54 ng/ml



#29 AR-1254-4

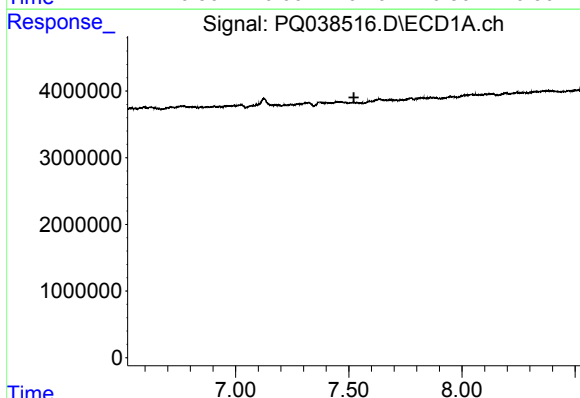
R.T.: 0.000 min  
Exp R.T.: 7.648 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



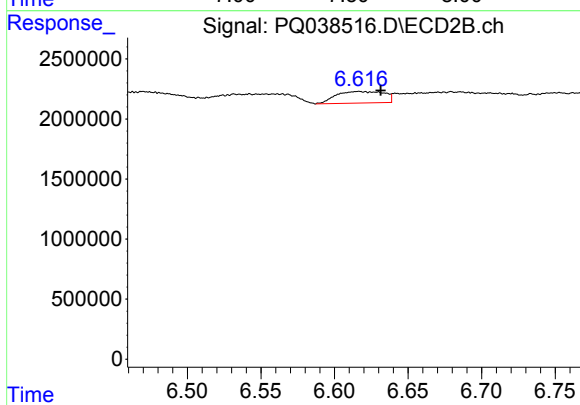
#29 AR-1254-4

R.T.: 6.681 min  
Delta R.T.: -0.043 min  
Response: 3612460  
Conc: 23.31 ng/ml



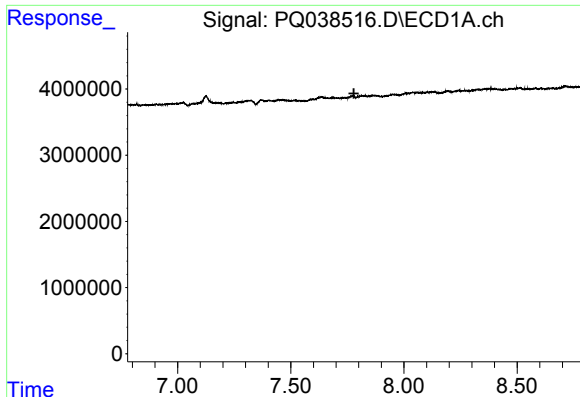
#31 AR-1260-1

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



#31 AR-1260-1

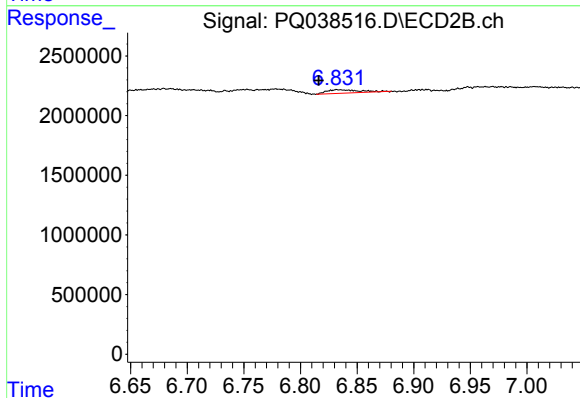
R.T.: 6.617 min  
Delta R.T.: -0.015 min  
Response: 2171486  
Conc: 10.62 ng/ml



#32 AR-1260-2

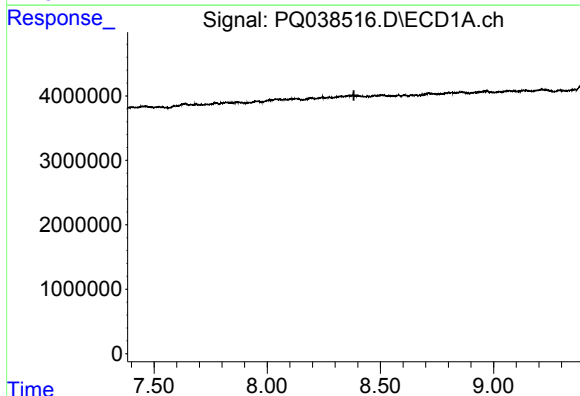
R.T.: 0.000 min  
Exp R.T.: 7.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



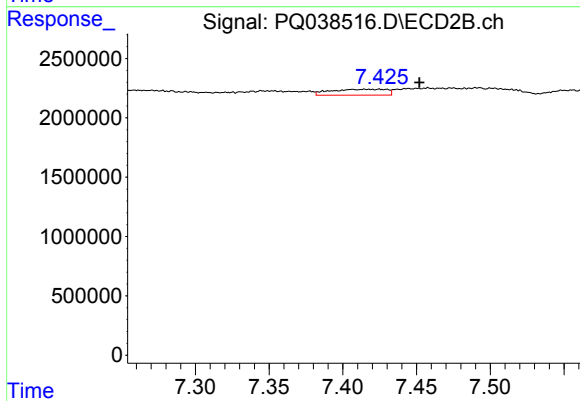
#32 AR-1260-2

R.T.: 6.834 min  
Delta R.T.: 0.017 min  
Response: 591080  
Conc: 2.31 ng/ml



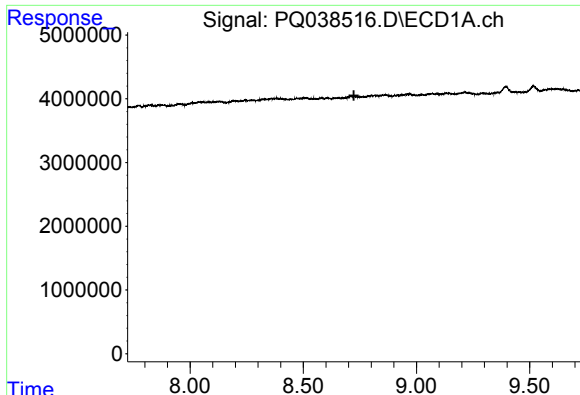
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 8.383 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

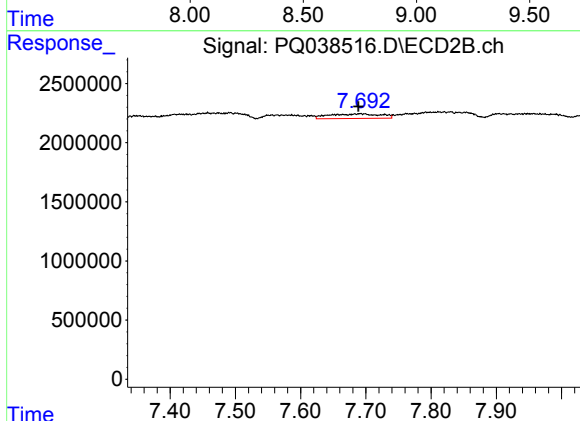
R.T.: 7.426 min  
Delta R.T.: -0.026 min  
Response: 1310526  
Conc: 6.62 ng/ml



#35 AR-1260-5

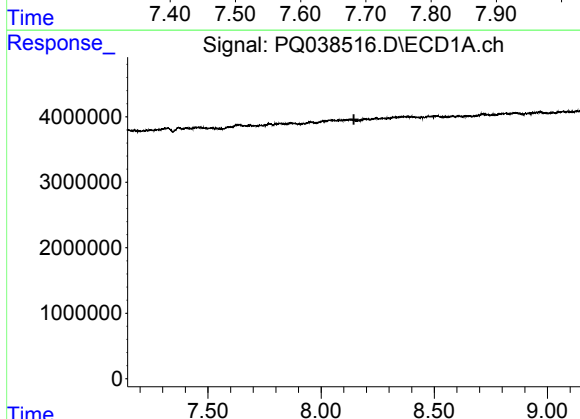
R.T.: 0.000 min  
Exp R.T.: 8.723 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



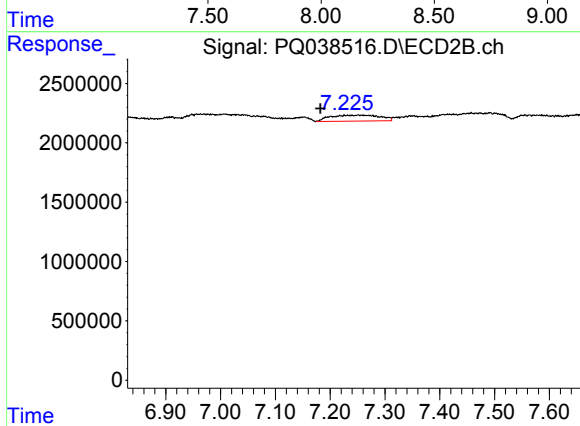
#35 AR-1260-5

R.T.: 7.692 min  
Delta R.T.: 0.003 min  
Response: 2135430  
Conc: 4.34 ng/ml



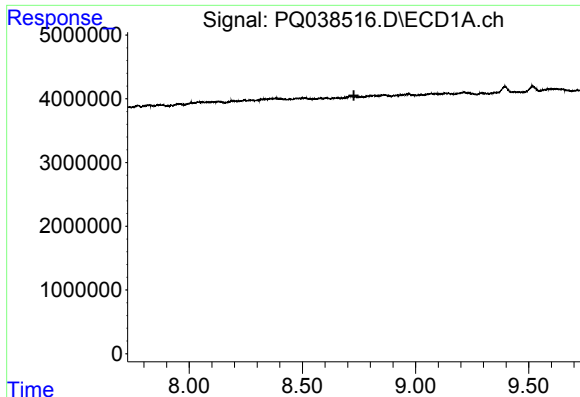
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.145 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

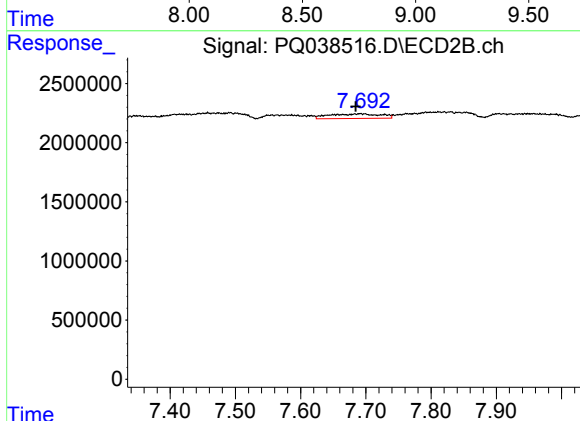
R.T.: 7.252 min  
Delta R.T.: 0.070 min  
Response: 3156246  
Conc: 14.66 ng/ml



#37 AR-1262-2

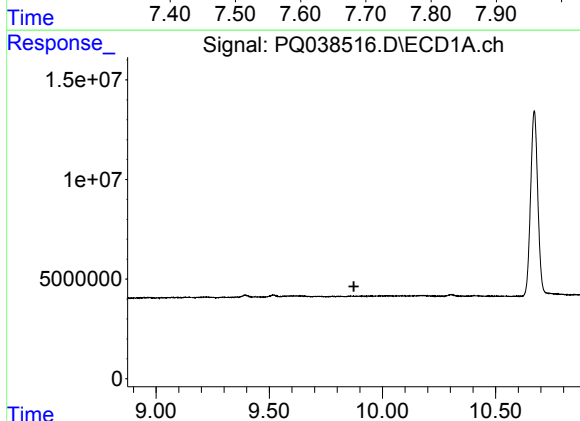
R.T.: 0.000 min  
Exp R.T.: 8.728 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



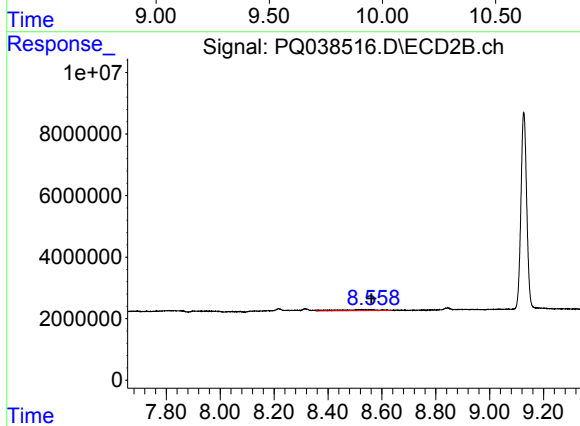
#37 AR-1262-2

R.T.: 7.692 min  
Delta R.T.: 0.008 min  
Response: 2135430  
Conc: 5.48 ng/ml



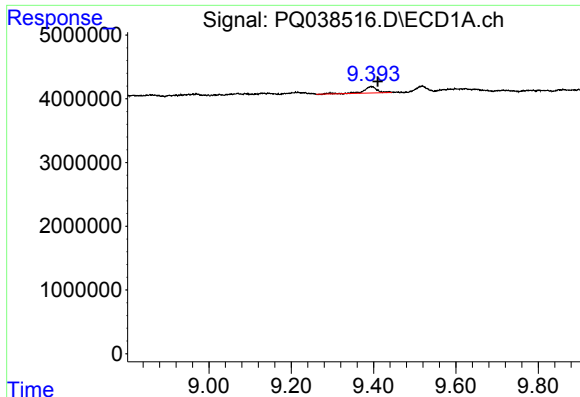
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.874 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

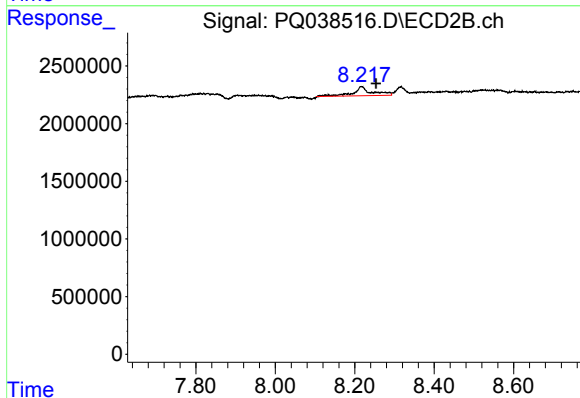
R.T.: 8.549 min  
Delta R.T.: -0.012 min  
Response: 3192990  
Conc: 27.01 ng/ml



#43 AR-1268-3

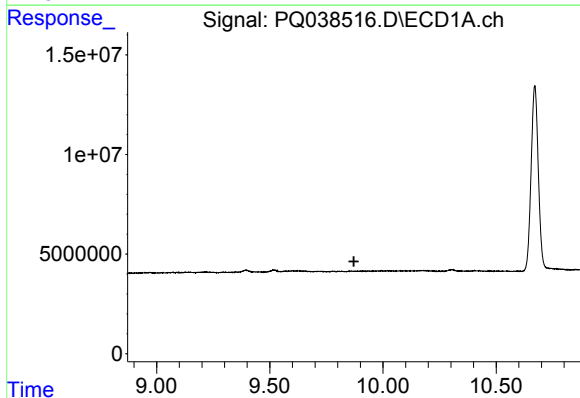
R.T.: 9.394 min  
Delta R.T.: -0.016 min  
Response: 2242420  
Conc: 1.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



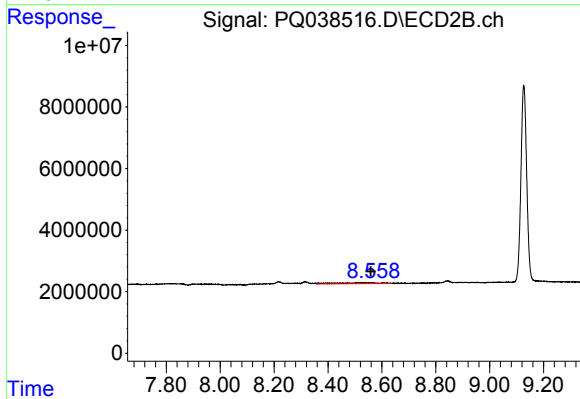
#43 AR-1268-3

R.T.: 8.217 min  
Delta R.T.: -0.036 min  
Response: 2542782  
Conc: 4.04 ng/ml



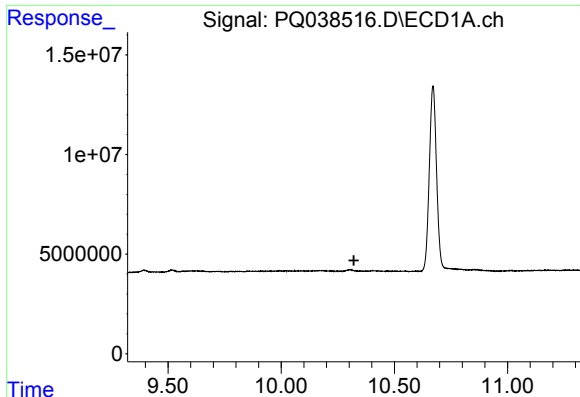
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 9.871 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

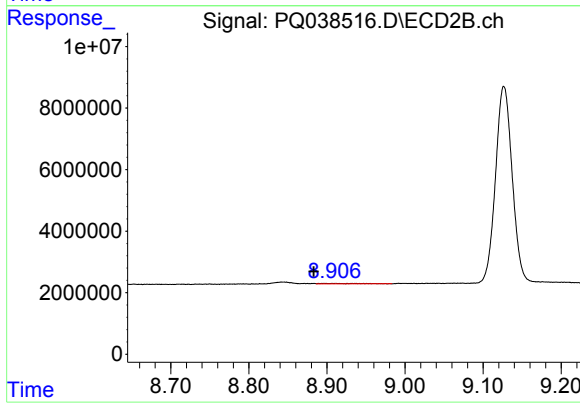
R.T.: 8.549 min  
Delta R.T.: -0.010 min  
Response: 3192990  
Conc: 13.56 ng/ml



#45 AR-1268-5

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

Instrument :  
ECD\_Q  
ClientSampleId :  
BF598



#45 AR-1268-5

R.T.: 8.905 min  
Delta R.T.: 0.022 min  
Response: 569537  
Conc: 0.30 ng/ml