

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ031822\  
 Data File : PQ056733.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Mar 2022 18:01  
 Operator : YP\AJ  
 Sample : N1929-20  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 21 05:15:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ031522CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 16 09:32:52 2022  
 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... | 4.529  | 3.747  | 255.2E6  | 201.2E6  | 17.011 | 16.572   |
| 2)                          | SA Decachlor... | 10.304 | 8.686  | 402.9E6  | 240.7E6  | 28.317 | 24.529   |
|                             |                 |        |        |          |          |        |          |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | L1 AR-1016-2    | 5.784f | 0.000  | 1855022  | 0        | 2.793  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.784  | 5.045  | 1855022  | 2193400  | 4.232  | 7.409 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.045  | 0        | 2193400  | N.D.   | 8.985 #  |
| 7)                          | L1 AR-1016-5    | 6.184  | 0.000  | 3571317  | 0        | 12.555 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.838  | 4.045  | 3010867  | 3119832  | 29.318 | 35.964   |
| 12)                         | L3 AR-1232-2    | 5.410  | 0.000  | 1336126  | 0        | 8.451  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 5.784f | 5.045  | 1855022  | 2193400  | 6.471  | 18.342 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.045f | 0        | 2193400  | N.D.   | 19.900 # |
| 15)                         | L3 AR-1232-5    | 5.975  | 0.000  | 2745492  | 0        | 30.547 | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.784f | 0.000  | 1855022  | 0        | 3.480  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.784  | 5.045  | 1855022  | 2193400  | 5.214  | 9.470 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.045f | 0        | 2193400  | N.D.   | 9.458 #  |
| 20)                         | L4 AR-1242-5    | 6.625  | 5.602  | 8618672  | 11134881 | 29.656 | 37.283 # |
| 22)                         | L5 AR-1248-2    | 5.975  | 5.045  | 2745492  | 2193400  | 9.328  | 6.905 #  |
| 23)                         | L5 AR-1248-3    | 6.184  | 5.045f | 3571317  | 2193400  | 9.834  | 6.557 #  |
| 24)                         | L5 AR-1248-4    | 6.586  | 0.000  | 4743750  | 0        | 11.557 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.625  | 5.646  | 8618672  | 3053120  | 18.263 | 7.475 #  |
| 26)                         | L6 AR-1254-1    | 6.555  | 5.602  | 11941656 | 11134881 | 29.179 | 16.586 # |
| 27)                         | L6 AR-1254-2    | 6.770  | 5.747  | 14364131 | 12376201 | 22.039 | 21.646   |
| 28)                         | L6 AR-1254-3    | 7.143  | 6.146  | 21309414 | 14102888 | 26.756 | 14.903 # |
| 29)                         | L6 AR-1254-4    | 7.431  | 6.372  | 9745768  | 4773208  | 18.662 | 7.105 #  |
| 30)                         | L6 AR-1254-5    | 7.845  | 6.782  | 6912176  | 7845320  | 11.374 | 9.615    |
| 31)                         | L7 AR-1260-1    | 7.297  | 6.273  | 8403818  | 6434494  | 18.097 | 11.411 # |
| 32)                         | L7 AR-1260-2    | 7.557  | 6.459  | 20297777 | 6520187  | 36.892 | 9.534 #  |
| 33)                         | L7 AR-1260-3    | 7.845  | 6.608  | 6912176  | 4418303  | 9.754  | 6.906 #  |
| 34)                         | L7 AR-1260-4    | 8.142  | 7.114  | 4290622  | 3204820  | 7.962  | 5.977    |
| 35)                         | L7 AR-1260-5    | 8.473  | 7.316  | 3908877  | 3225288  | 3.369  | 2.428 #  |
| 36)                         | L8 AR-1262-1    | 7.975f | 6.782  | 1521839  | 7845320  | 2.149  | 18.599 # |
| 37)                         | L8 AR-1262-2    | 8.473  | 7.316  | 3908877  | 3225288  | 2.635  | 2.014    |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.657f | 0        | 2678992  | N.D.   | 4.494 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.657  | 0        | 2678992  | N.D.   | 2.320 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.657f | 0        | 2678992  | N.D.   | 1.475 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.657  | 0        | 2678992  | N.D.   | 1.619 #  |
| 43)                         | L9 AR-1268-3    | 9.107  | 7.801f | 2754737  | 1916432  | 1.571  | 1.398    |
| 45)                         | L9 AR-1268-5    | 9.969  | 8.439  | 5710227  | 3142724  | 0.939  | 0.723    |
| -----                       |                 |        |        |          |          |        |          |

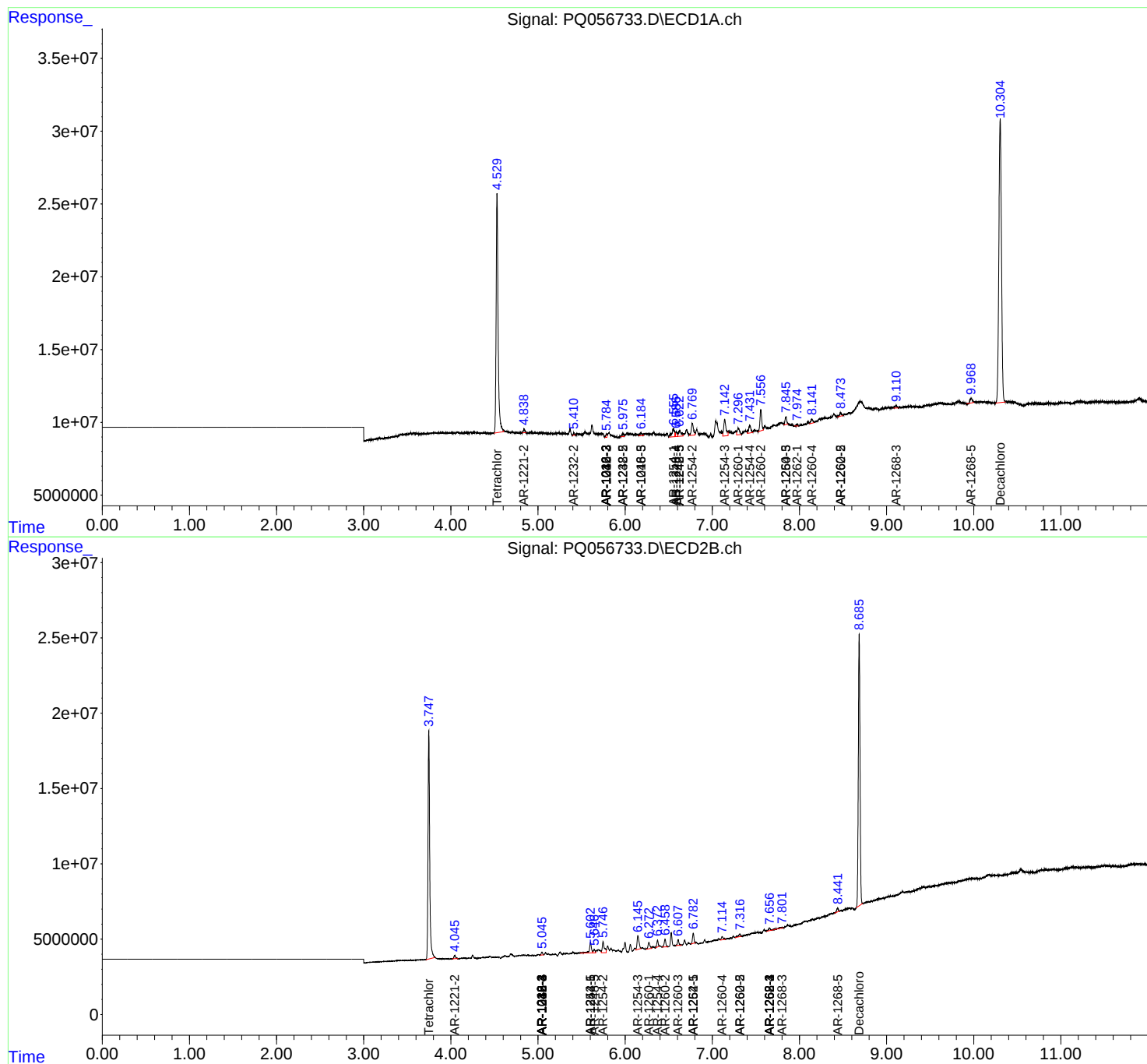
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

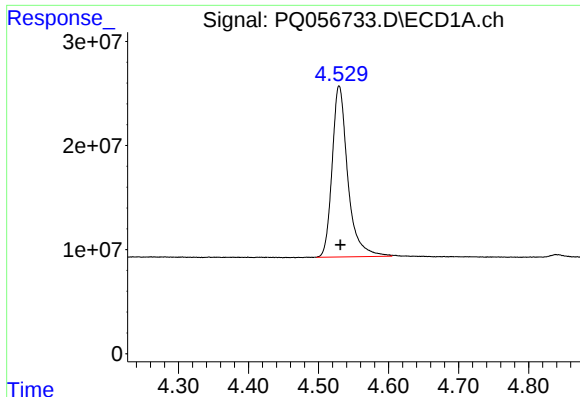
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ031822\  
Data File : PQ056733.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Mar 2022 18:01  
Operator : YP\AJ  
Sample : N1929-20  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 05:15:56 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ031522CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 16 09:32:52 2022  
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

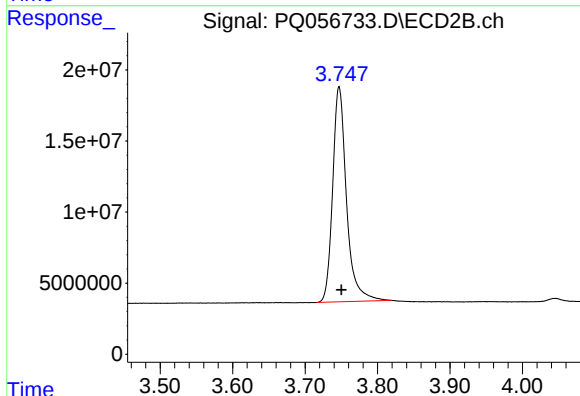




#1 Tetrachloro-m-xylene

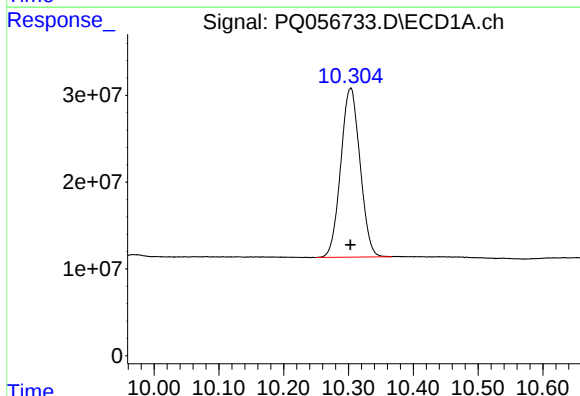
R.T.: 4.529 min  
Delta R.T.: -0.002 min  
Response: 255166496  
Conc: 17.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



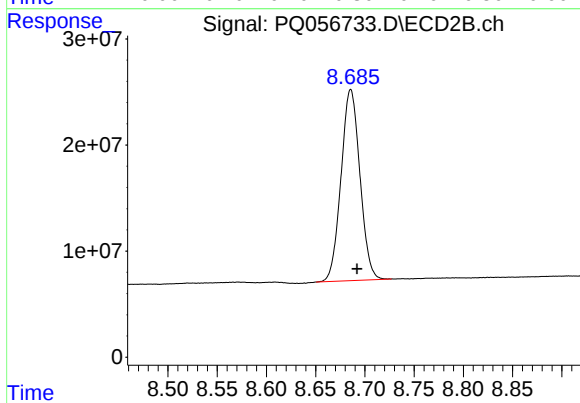
#1 Tetrachloro-m-xylene

R.T.: 3.747 min  
Delta R.T.: -0.003 min  
Response: 201199586  
Conc: 16.57 ng/ml



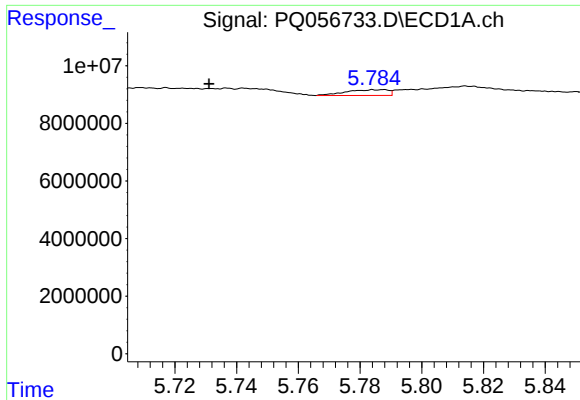
#2 Decachlorobiphenyl

R.T.: 10.304 min  
Delta R.T.: 0.001 min  
Response: 402855790  
Conc: 28.32 ng/ml



#2 Decachlorobiphenyl

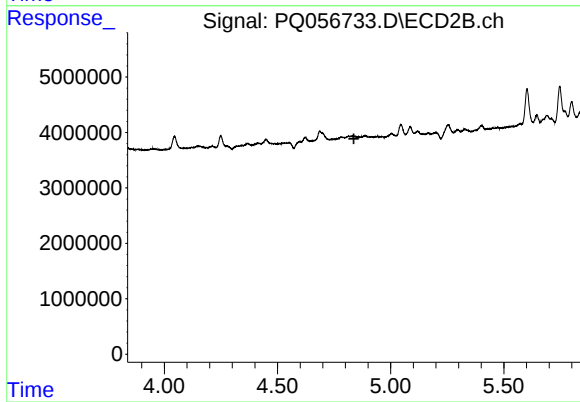
R.T.: 8.686 min  
Delta R.T.: -0.006 min  
Response: 240746060  
Conc: 24.53 ng/ml



#4 AR-1016-2

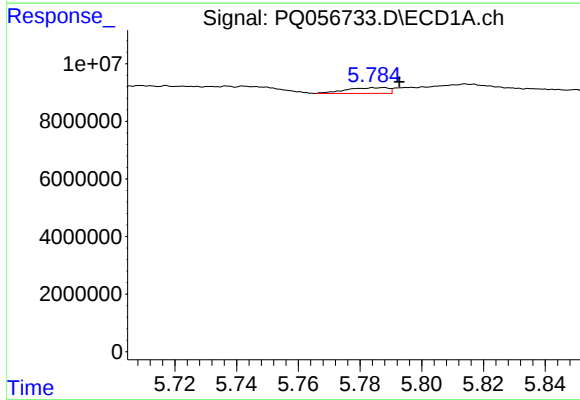
R.T.: 5.784 min  
Delta R.T.: 0.053 min  
Response: 1855022  
Conc: 2.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



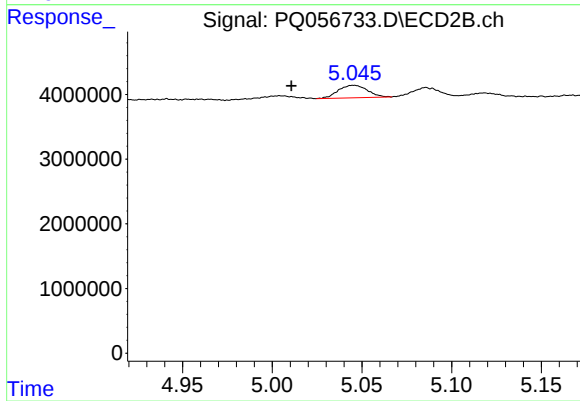
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 4.837 min  
Response: 0  
Conc: N.D.



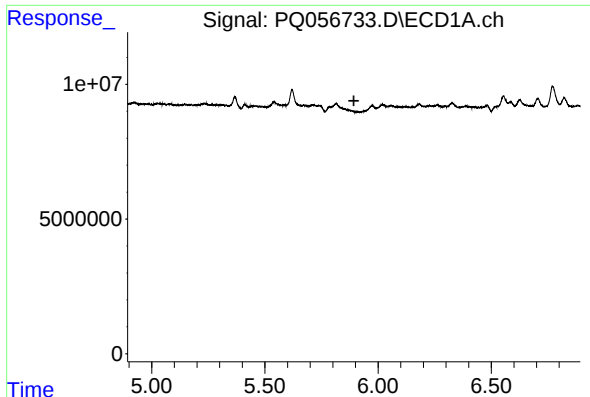
#5 AR-1016-3

R.T.: 5.784 min  
Delta R.T.: -0.008 min  
Response: 1855022  
Conc: 4.23 ng/ml



#5 AR-1016-3

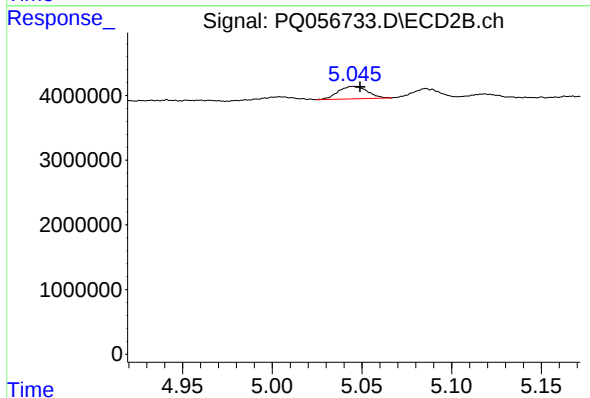
R.T.: 5.045 min  
Delta R.T.: 0.035 min  
Response: 2193400  
Conc: 7.41 ng/ml



#6 AR-1016-4

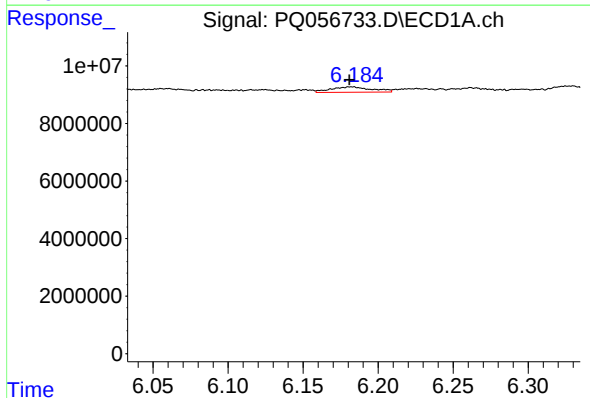
R.T.: 0.000 min  
Exp R.T.: 5.893 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



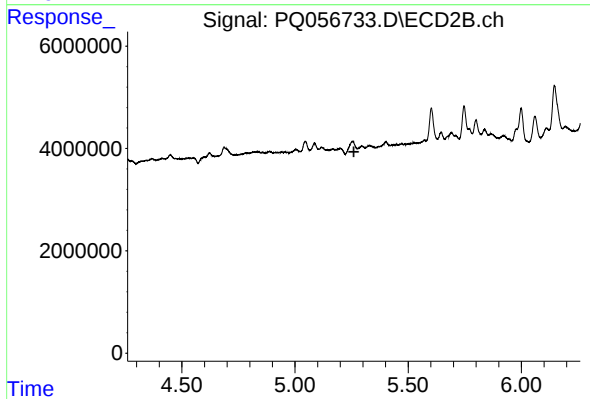
#6 AR-1016-4

R.T.: 5.045 min  
Delta R.T.: -0.003 min  
Response: 2193400  
Conc: 8.98 ng/ml



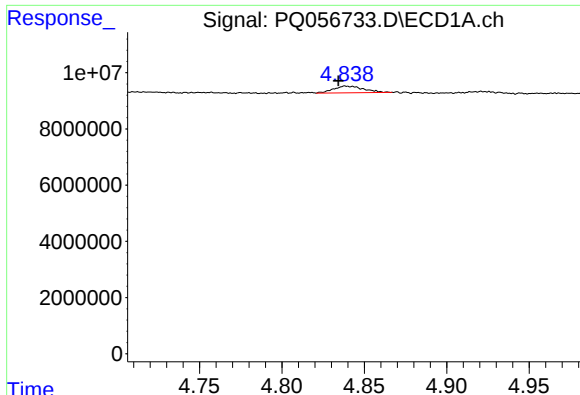
#7 AR-1016-5

R.T.: 6.184 min  
Delta R.T.: 0.003 min  
Response: 3571317  
Conc: 12.56 ng/ml



#7 AR-1016-5

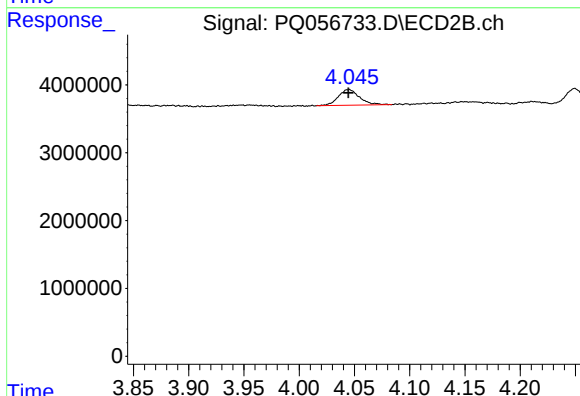
R.T.: 0.000 min  
Exp R.T.: 5.260 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

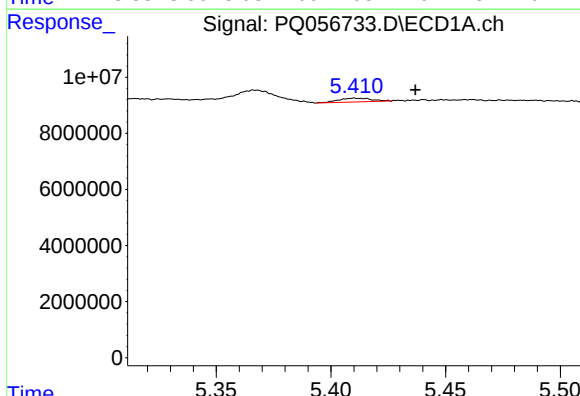
R.T.: 4.838 min  
Delta R.T.: 0.004 min  
Response: 3010867  
Conc: 29.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



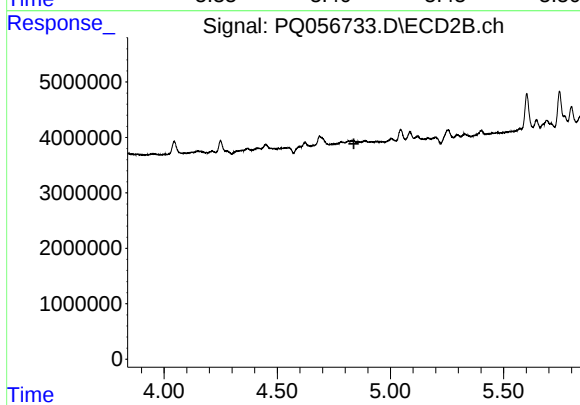
#9 AR-1221-2

R.T.: 4.045 min  
Delta R.T.: 0.000 min  
Response: 3119832  
Conc: 35.96 ng/ml



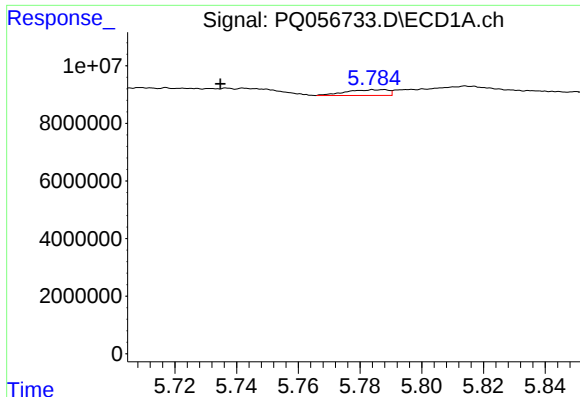
#12 AR-1232-2

R.T.: 5.410 min  
Delta R.T.: -0.027 min  
Response: 1336126  
Conc: 8.45 ng/ml



#12 AR-1232-2

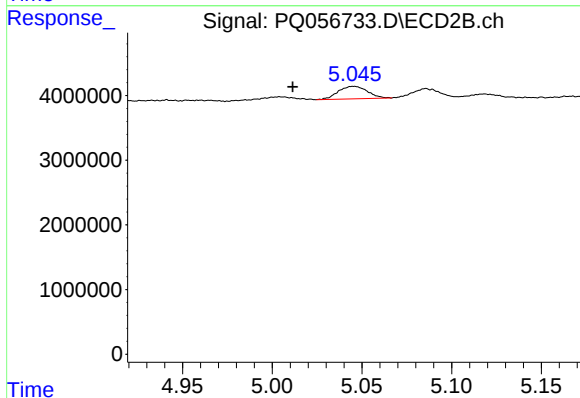
R.T.: 0.000 min  
Exp R.T.: 4.838 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

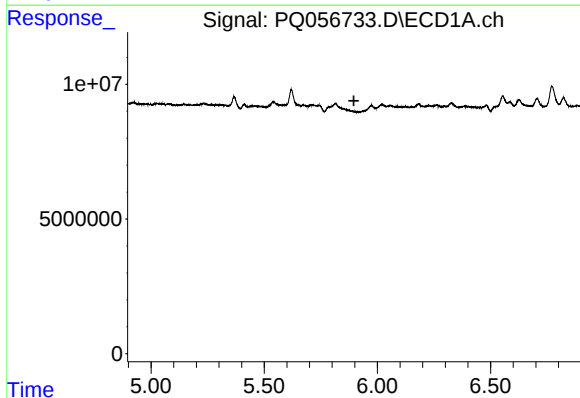
R.T.: 5.784 min  
Delta R.T.: 0.050 min  
Response: 1855022  
Conc: 6.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



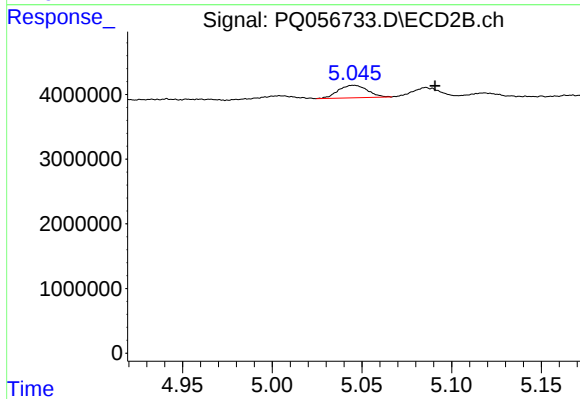
#13 AR-1232-3

R.T.: 5.045 min  
Delta R.T.: 0.034 min  
Response: 2193400  
Conc: 18.34 ng/ml



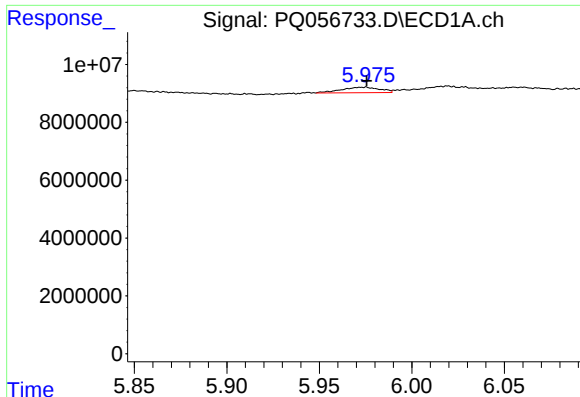
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.896 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

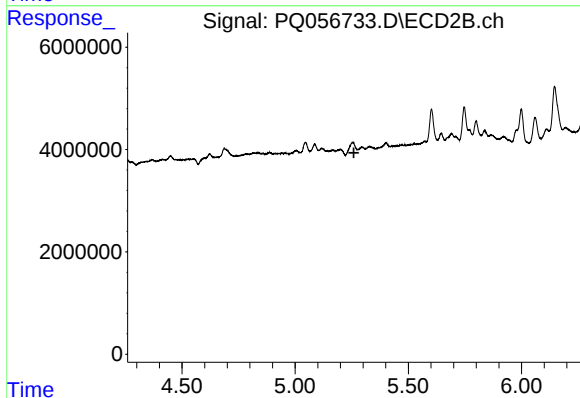
R.T.: 5.045 min  
Delta R.T.: -0.045 min  
Response: 2193400  
Conc: 19.90 ng/ml



#15 AR-1232-5

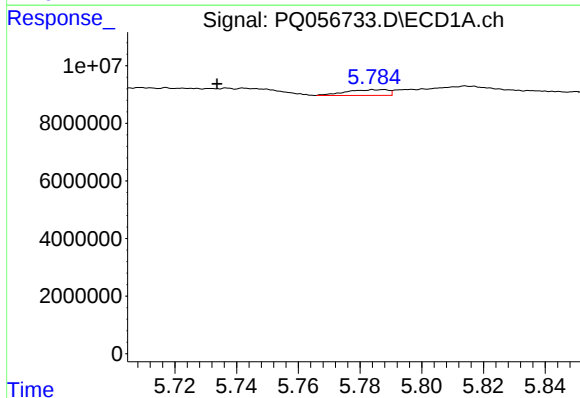
R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 2745492  
Conc: 30.55 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



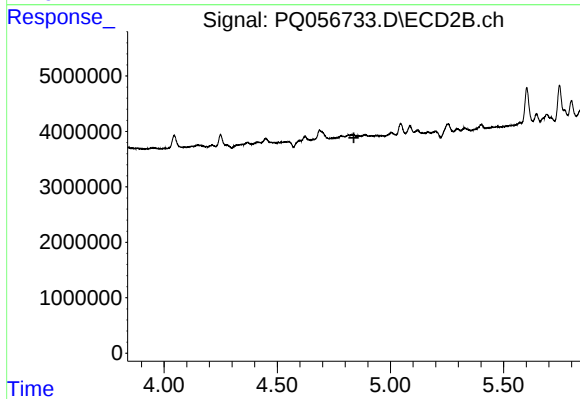
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.260 min  
Response: 0  
Conc: N.D.



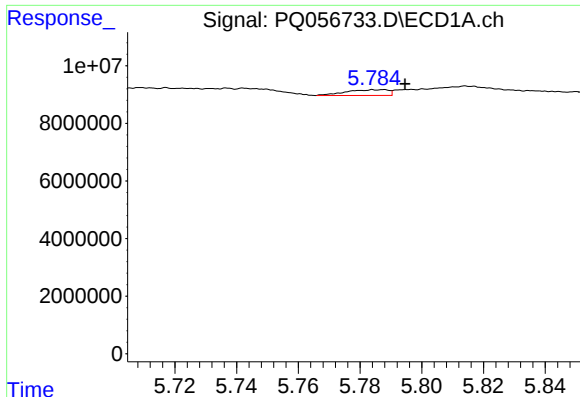
#17 AR-1242-2

R.T.: 5.784 min  
Delta R.T.: 0.051 min  
Response: 1855022  
Conc: 3.48 ng/ml



#17 AR-1242-2

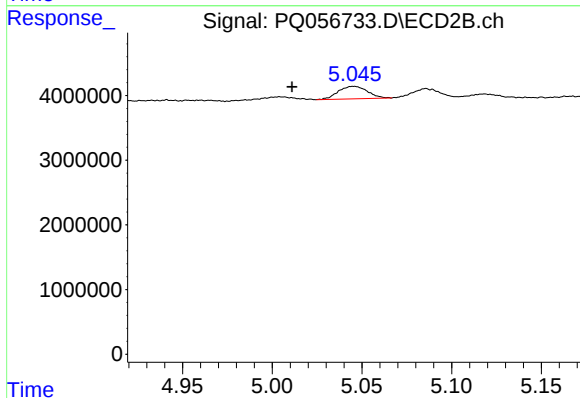
R.T.: 0.000 min  
Exp R.T. : 4.839 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

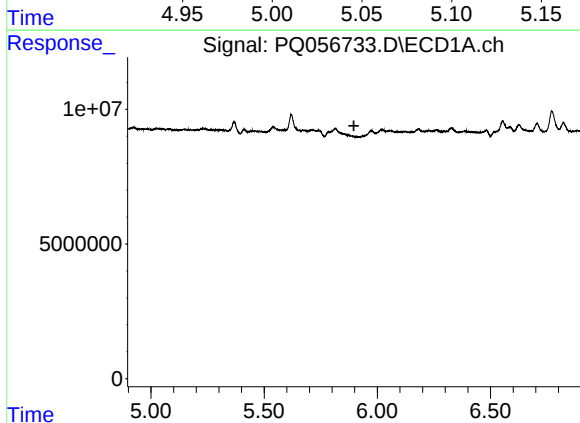
R.T.: 5.784 min  
Delta R.T.: -0.010 min  
Response: 1855022  
Conc: 5.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



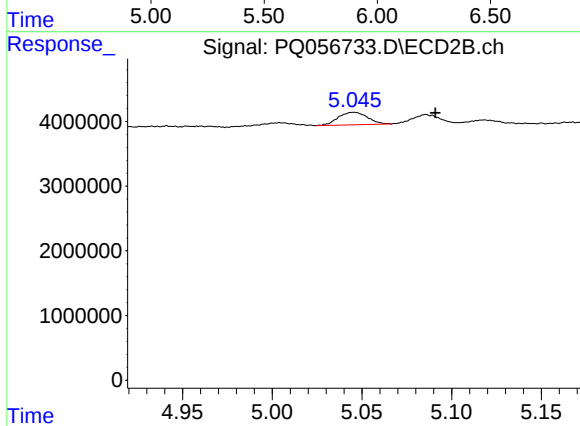
#18 AR-1242-3

R.T.: 5.045 min  
Delta R.T.: 0.034 min  
Response: 2193400  
Conc: 9.47 ng/ml



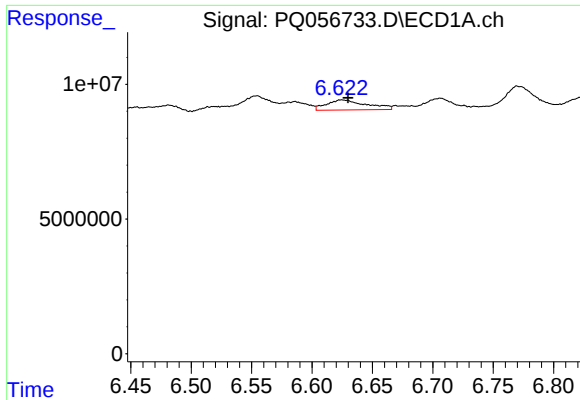
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.897 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

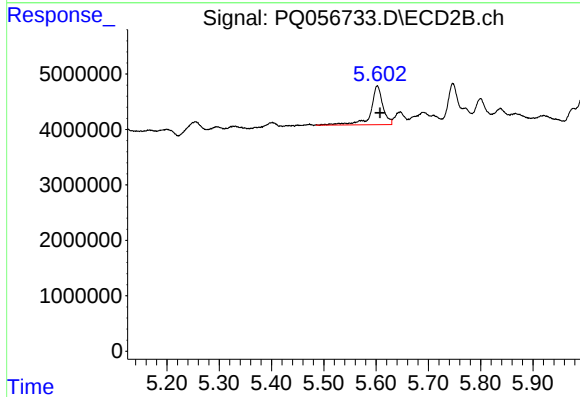
R.T.: 5.045 min  
Delta R.T.: -0.045 min  
Response: 2193400  
Conc: 9.46 ng/ml



#20 AR-1242-5

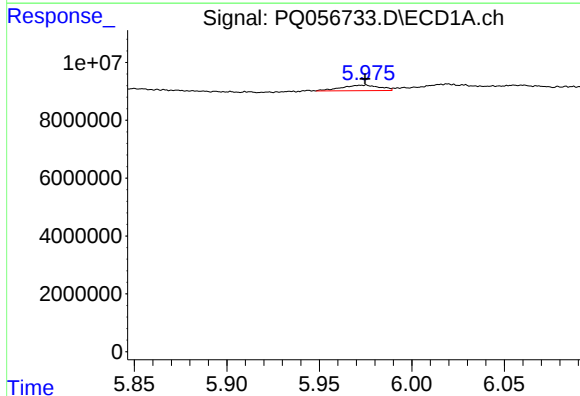
R.T.: 6.625 min  
Delta R.T.: -0.005 min  
Response: 8618672  
Conc: 29.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



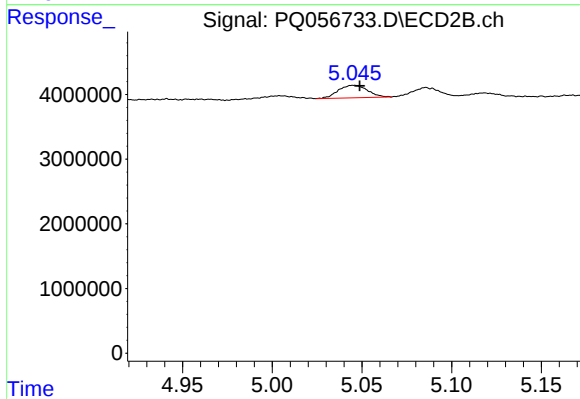
#20 AR-1242-5

R.T.: 5.602 min  
Delta R.T.: -0.005 min  
Response: 11134881  
Conc: 37.28 ng/ml



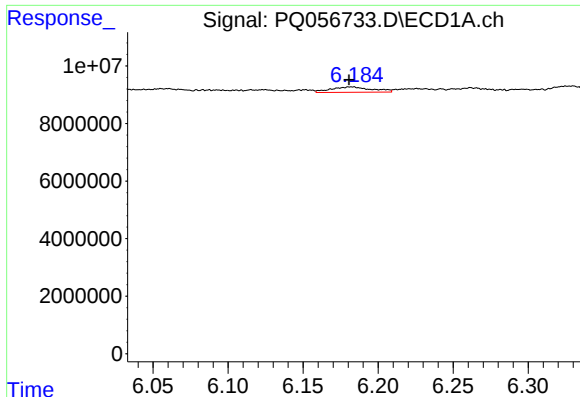
#22 AR-1248-2

R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 2745492  
Conc: 9.33 ng/ml



#22 AR-1248-2

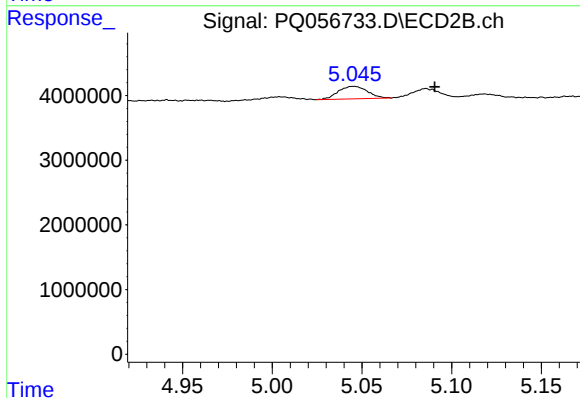
R.T.: 5.045 min  
Delta R.T.: -0.003 min  
Response: 2193400  
Conc: 6.91 ng/ml



#23 AR-1248-3

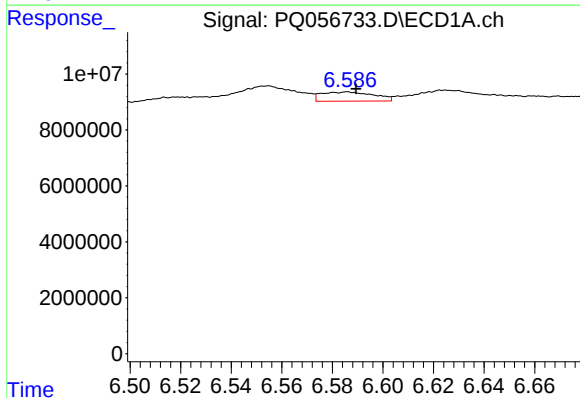
R.T.: 6.184 min  
Delta R.T.: 0.003 min  
Response: 3571317  
Conc: 9.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



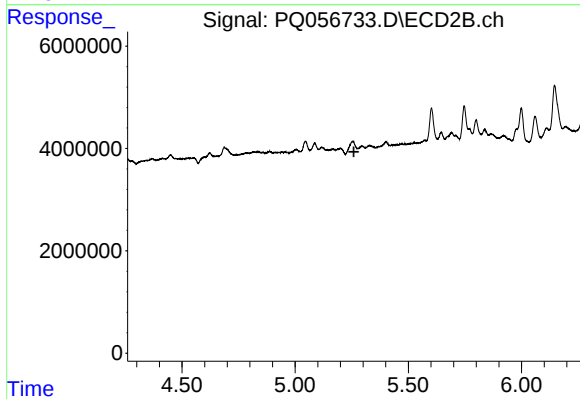
#23 AR-1248-3

R.T.: 5.045 min  
Delta R.T.: -0.045 min  
Response: 2193400  
Conc: 6.56 ng/ml



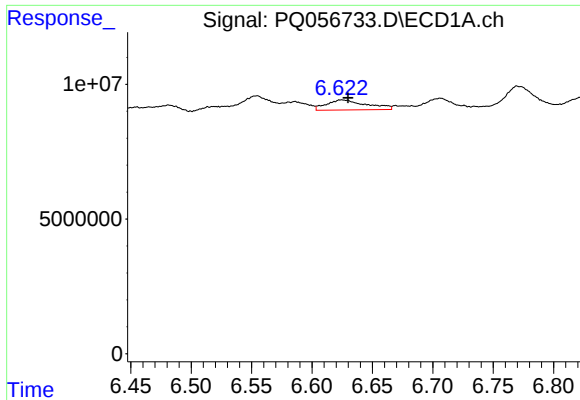
#24 AR-1248-4

R.T.: 6.586 min  
Delta R.T.: -0.003 min  
Response: 4743750  
Conc: 11.56 ng/ml



#24 AR-1248-4

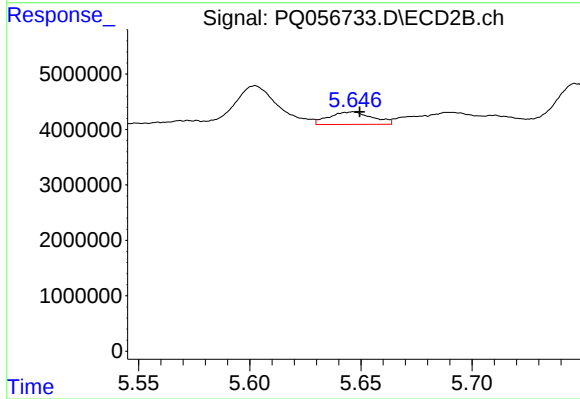
R.T.: 0.000 min  
Exp R.T.: 5.260 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

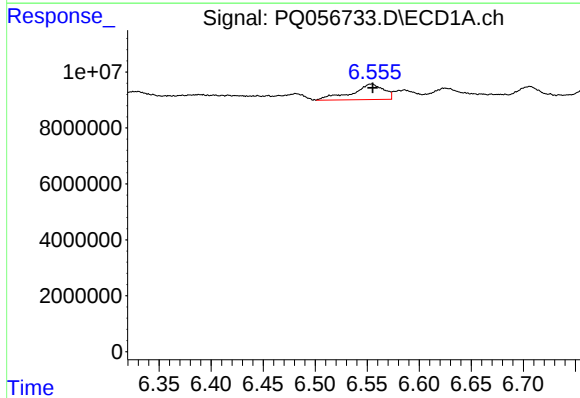
R.T.: 6.625 min  
Delta R.T.: -0.005 min  
Response: 8618672  
Conc: 18.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



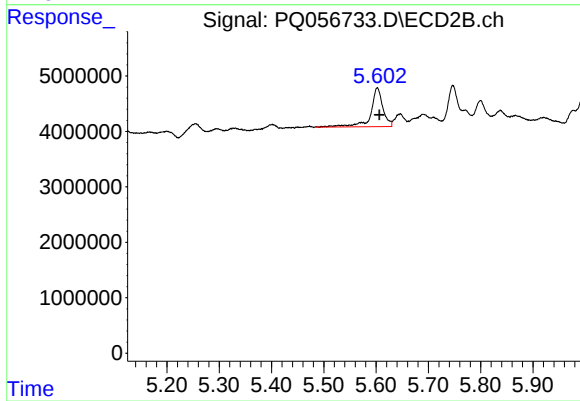
#25 AR-1248-5

R.T.: 5.646 min  
Delta R.T.: -0.003 min  
Response: 3053120  
Conc: 7.48 ng/ml



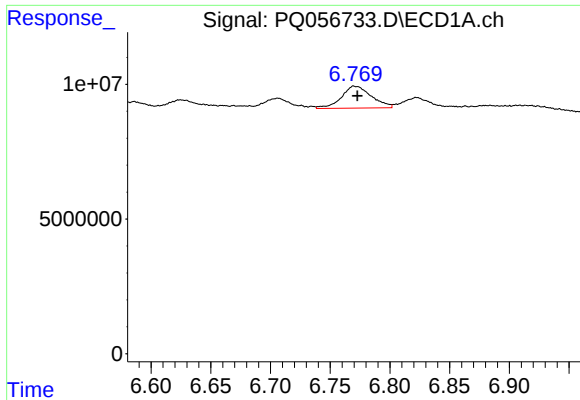
#26 AR-1254-1

R.T.: 6.555 min  
Delta R.T.: 0.000 min  
Response: 11941656  
Conc: 29.18 ng/ml



#26 AR-1254-1

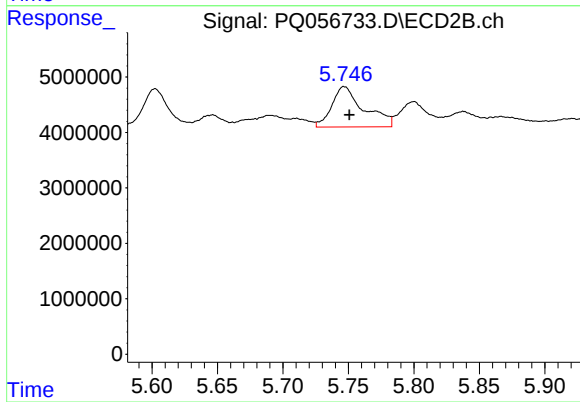
R.T.: 5.602 min  
Delta R.T.: -0.004 min  
Response: 11134881  
Conc: 16.59 ng/ml



#27 AR-1254-2

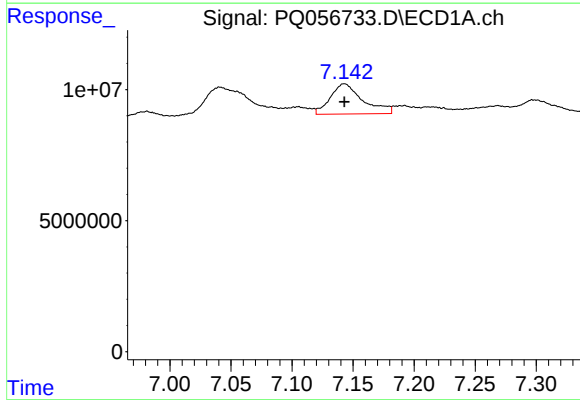
R.T.: 6.770 min  
Delta R.T.: -0.003 min  
Response: 14364131  
Conc: 22.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



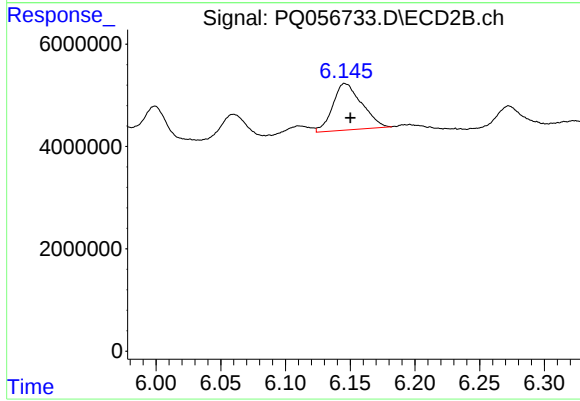
#27 AR-1254-2

R.T.: 5.747 min  
Delta R.T.: -0.004 min  
Response: 12376201  
Conc: 21.65 ng/ml



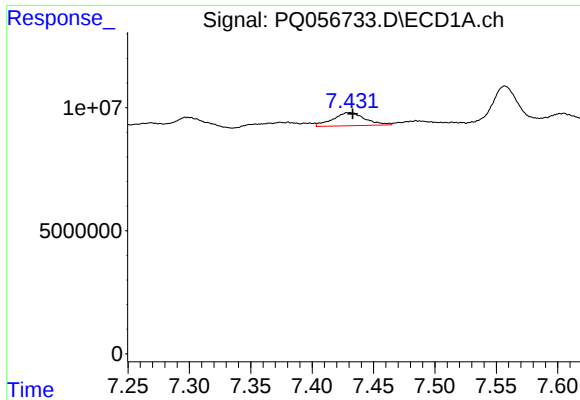
#28 AR-1254-3

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 21309414  
Conc: 26.76 ng/ml



#28 AR-1254-3

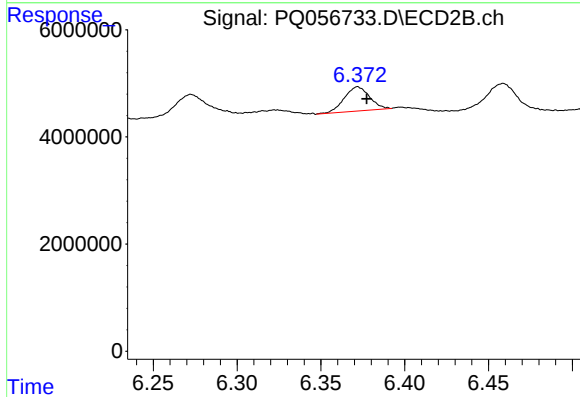
R.T.: 6.146 min  
Delta R.T.: -0.004 min  
Response: 14102888  
Conc: 14.90 ng/ml



#29 AR-1254-4

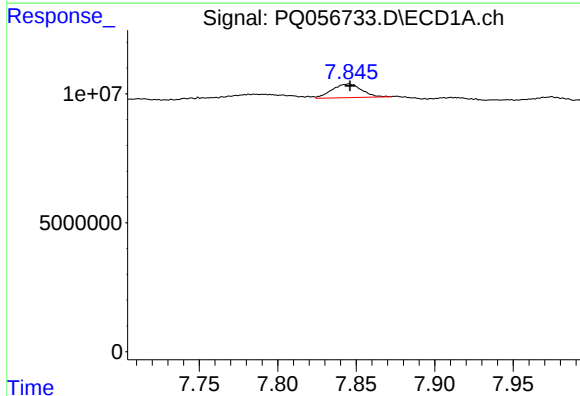
R.T.: 7.431 min  
Delta R.T.: -0.002 min  
Response: 9745768  
Conc: 18.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



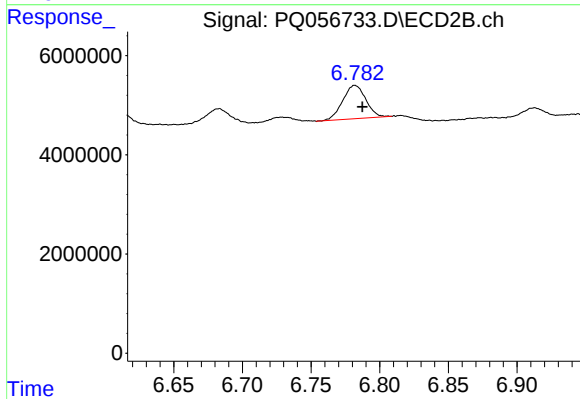
#29 AR-1254-4

R.T.: 6.372 min  
Delta R.T.: -0.005 min  
Response: 4773208  
Conc: 7.10 ng/ml



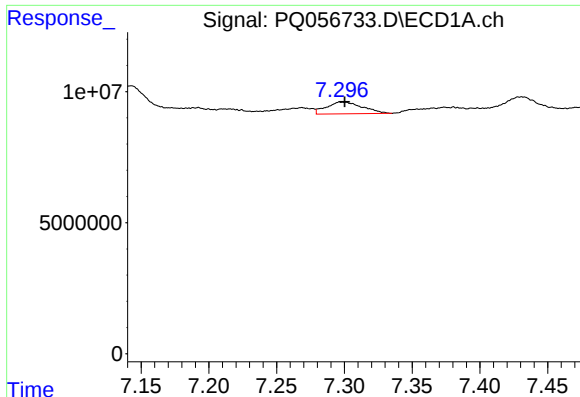
#30 AR-1254-5

R.T.: 7.845 min  
Delta R.T.: 0.000 min  
Response: 6912176  
Conc: 11.37 ng/ml



#30 AR-1254-5

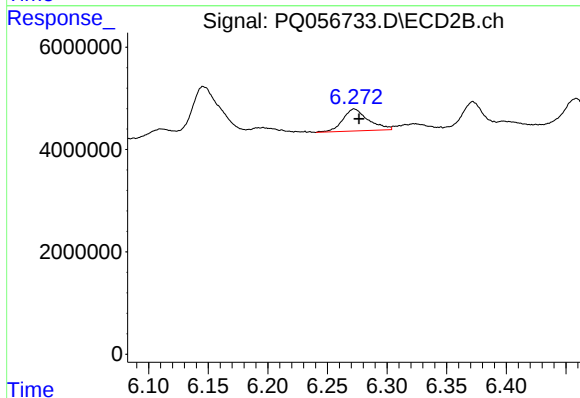
R.T.: 6.782 min  
Delta R.T.: -0.006 min  
Response: 7845320  
Conc: 9.61 ng/ml



#31 AR-1260-1

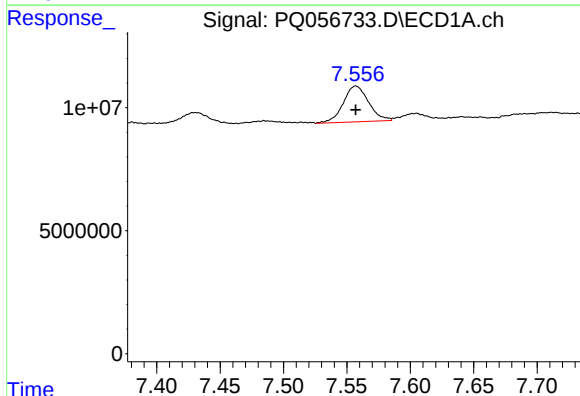
R.T.: 7.297 min  
Delta R.T.: -0.004 min  
Response: 8403818  
Conc: 18.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



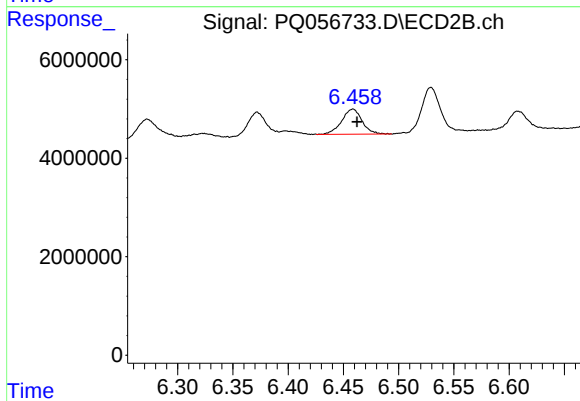
#31 AR-1260-1

R.T.: 6.273 min  
Delta R.T.: -0.004 min  
Response: 6434494  
Conc: 11.41 ng/ml



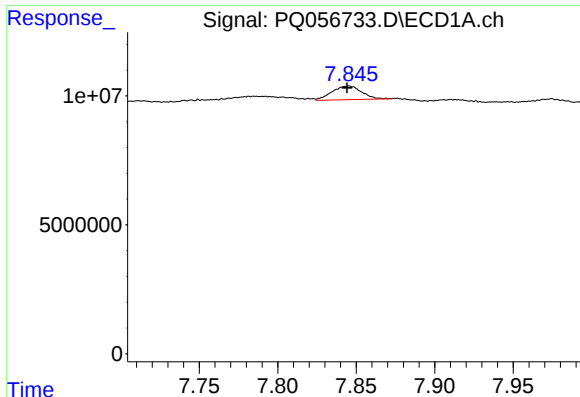
#32 AR-1260-2

R.T.: 7.557 min  
Delta R.T.: 0.000 min  
Response: 20297777  
Conc: 36.89 ng/ml



#32 AR-1260-2

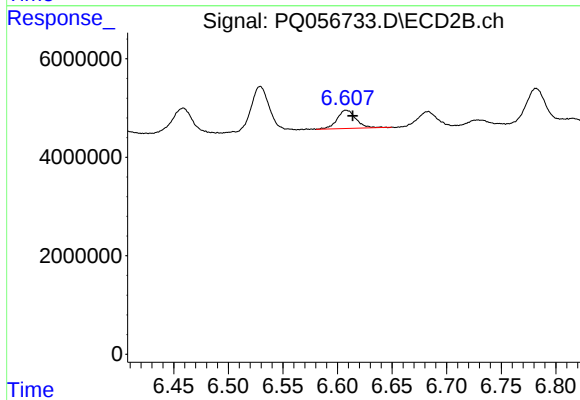
R.T.: 6.459 min  
Delta R.T.: -0.004 min  
Response: 6520187  
Conc: 9.53 ng/ml



#33 AR-1260-3

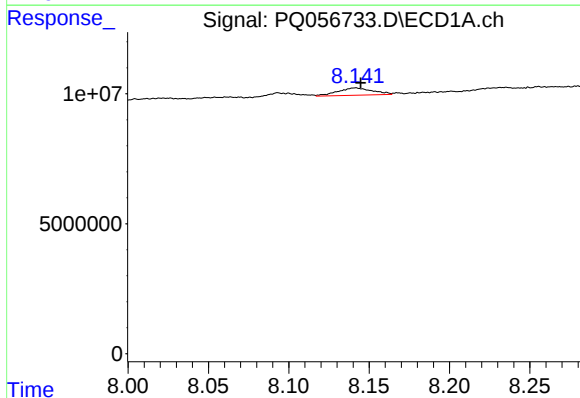
R.T.: 7.845 min  
Delta R.T.: 0.001 min  
Response: 6912176  
Conc: 9.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



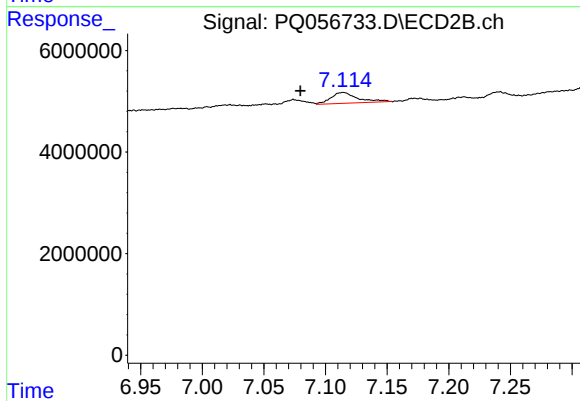
#33 AR-1260-3

R.T.: 6.608 min  
Delta R.T.: -0.006 min  
Response: 4418303  
Conc: 6.91 ng/ml



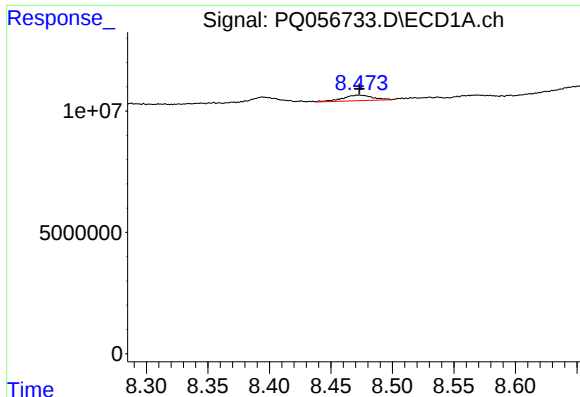
#34 AR-1260-4

R.T.: 8.142 min  
Delta R.T.: -0.003 min  
Response: 4290622  
Conc: 7.96 ng/ml



#34 AR-1260-4

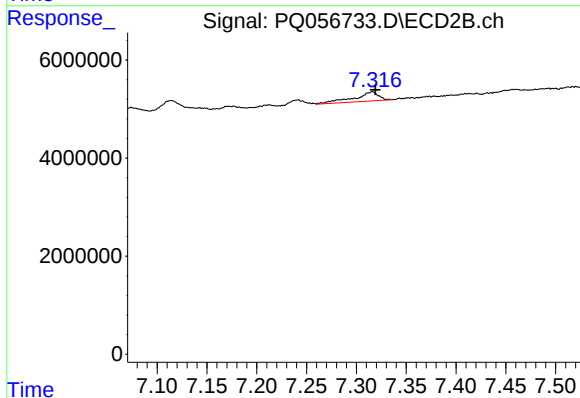
R.T.: 7.114 min  
Delta R.T.: 0.035 min  
Response: 3204820  
Conc: 5.98 ng/ml



#35 AR-1260-5

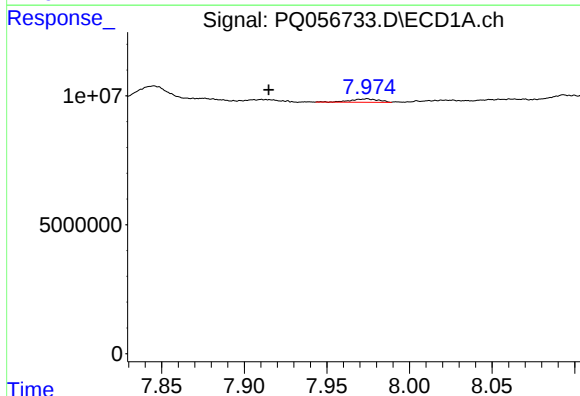
R.T.: 8.473 min  
Delta R.T.: 0.000 min  
Response: 3908877  
Conc: 3.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



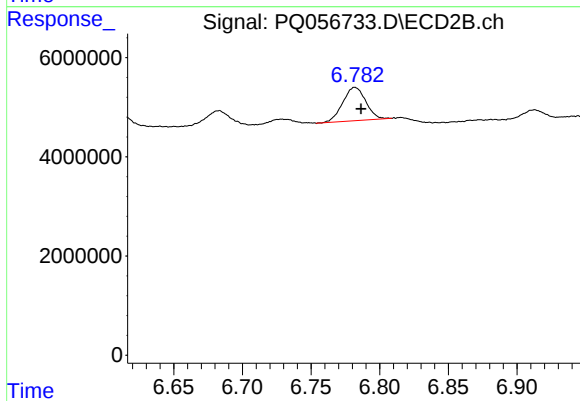
#35 AR-1260-5

R.T.: 7.316 min  
Delta R.T.: -0.003 min  
Response: 3225288  
Conc: 2.43 ng/ml



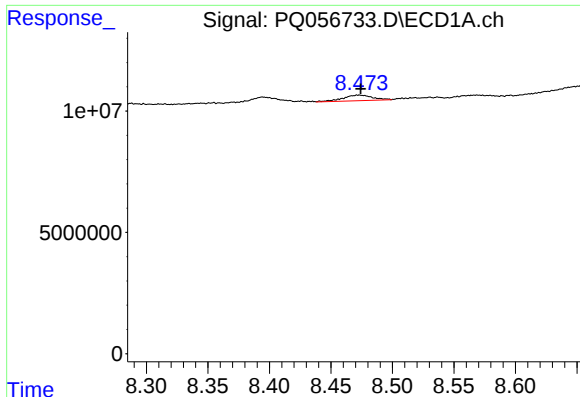
#36 AR-1262-1

R.T.: 7.975 min  
Delta R.T.: 0.060 min  
Response: 1521839  
Conc: 2.15 ng/ml



#36 AR-1262-1

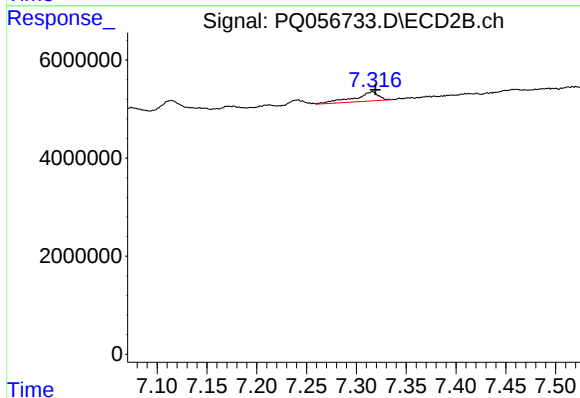
R.T.: 6.782 min  
Delta R.T.: -0.004 min  
Response: 7845320  
Conc: 18.60 ng/ml



#37 AR-1262-2

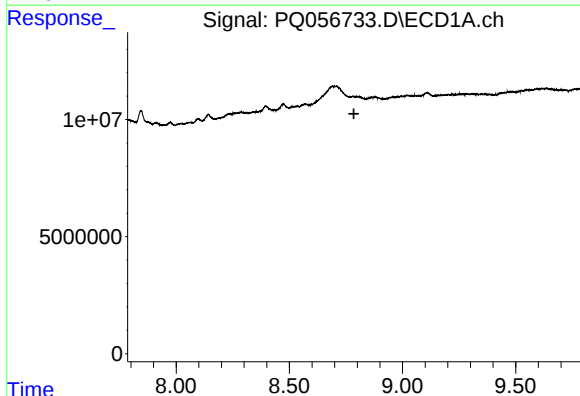
R.T.: 8.473 min  
Delta R.T.: -0.001 min  
Response: 3908877  
Conc: 2.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



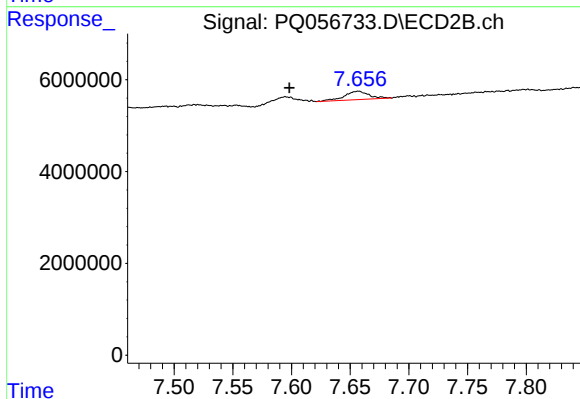
#37 AR-1262-2

R.T.: 7.316 min  
Delta R.T.: -0.003 min  
Response: 3225288  
Conc: 2.01 ng/ml



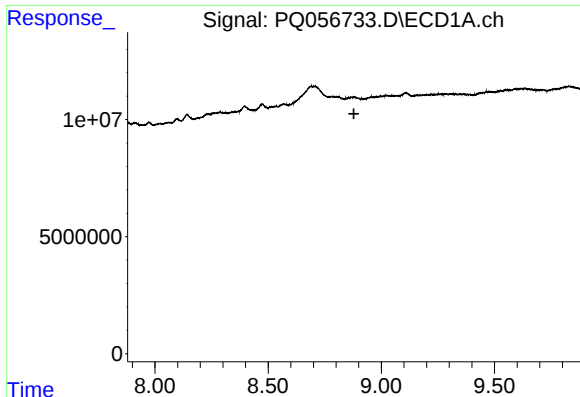
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.785 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

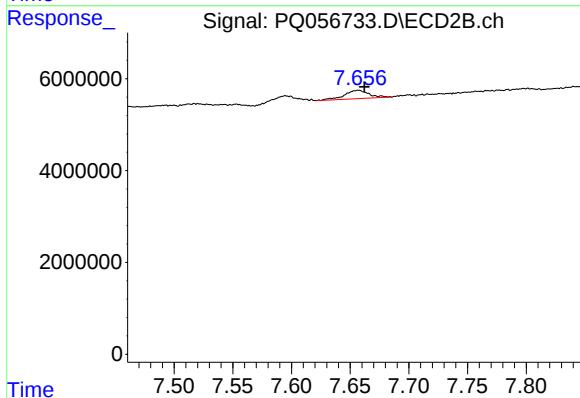
R.T.: 7.657 min  
Delta R.T.: 0.059 min  
Response: 2678992  
Conc: 4.49 ng/ml



#39 AR-1262-4

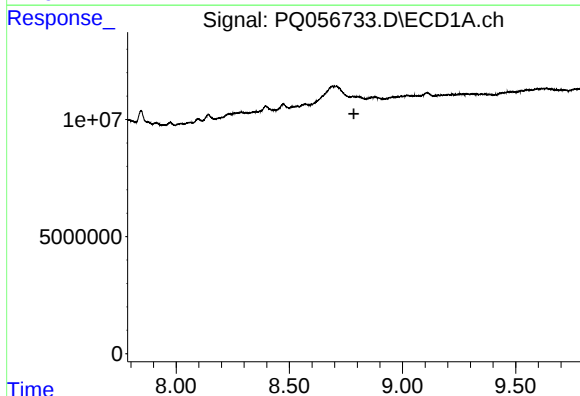
R.T.: 0.000 min  
Exp R.T.: 8.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



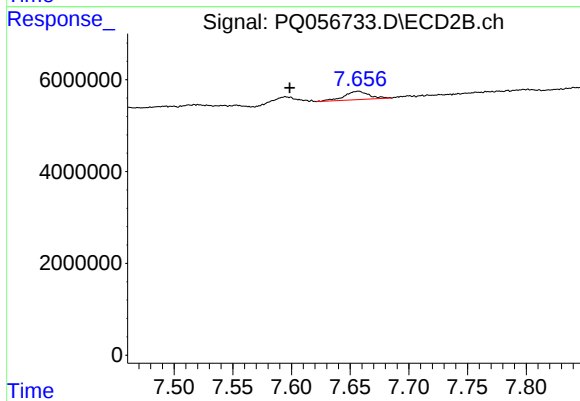
#39 AR-1262-4

R.T.: 7.657 min  
Delta R.T.: -0.005 min  
Response: 2678992  
Conc: 2.32 ng/ml



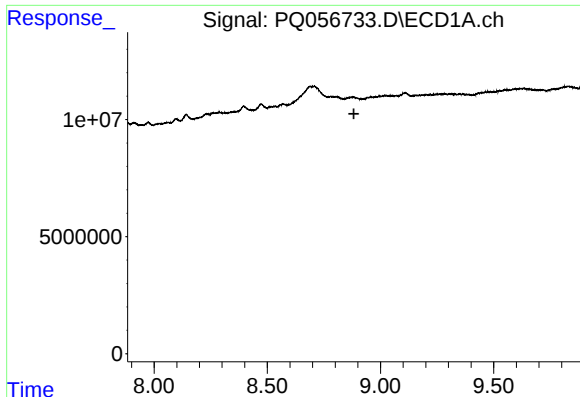
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.785 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

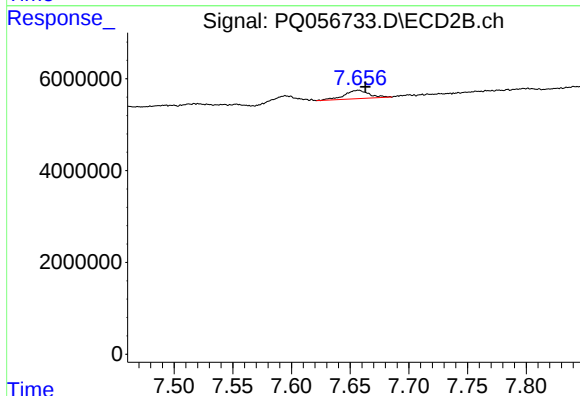
R.T.: 7.657 min  
Delta R.T.: 0.058 min  
Response: 2678992  
Conc: 1.47 ng/ml



#42 AR-1268-2

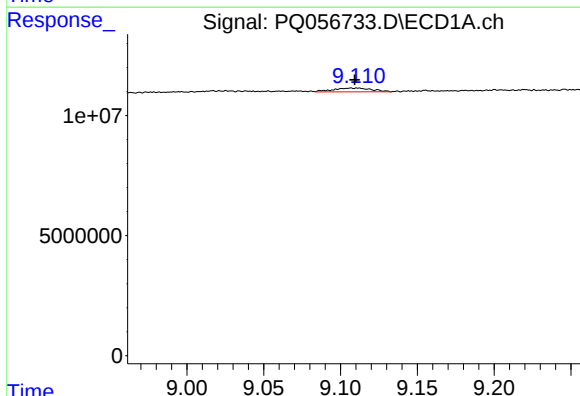
R.T.: 0.000 min  
Exp R.T.: 8.883 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



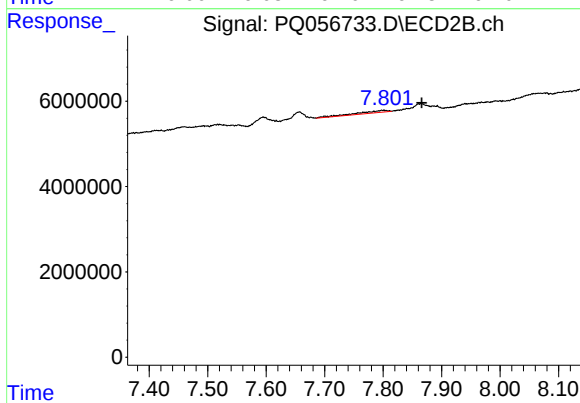
#42 AR-1268-2

R.T.: 7.657 min  
Delta R.T.: -0.006 min  
Response: 2678992  
Conc: 1.62 ng/ml



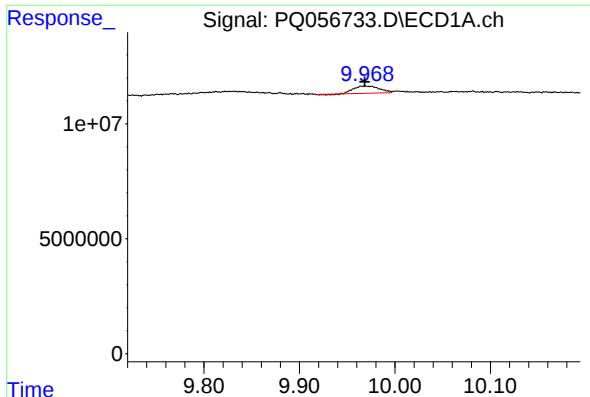
#43 AR-1268-3

R.T.: 9.107 min  
Delta R.T.: -0.003 min  
Response: 2754737  
Conc: 1.57 ng/ml



#43 AR-1268-3

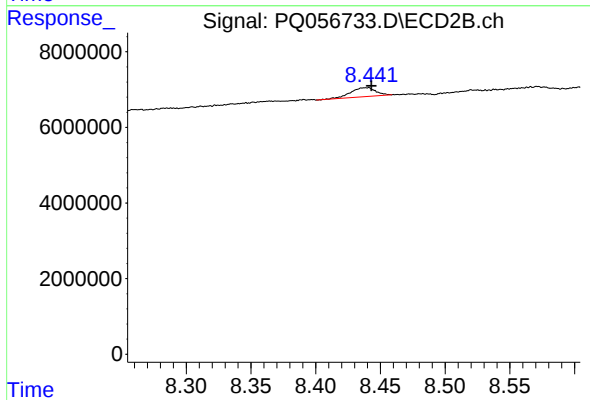
R.T.: 7.801 min  
Delta R.T.: -0.064 min  
Response: 1916432  
Conc: 1.40 ng/ml



#45 AR-1268-5

R.T.: 9.969 min  
Delta R.T.: 0.000 min  
Response: 5710227  
Conc: 0.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.439 min  
Delta R.T.: -0.004 min  
Response: 3142724  
Conc: 0.72 ng/ml