

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ052019\  
 Data File : PQ040017.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 May 2019 11:40  
 Operator : SM\AJ  
 Sample : K2947-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ETMF0

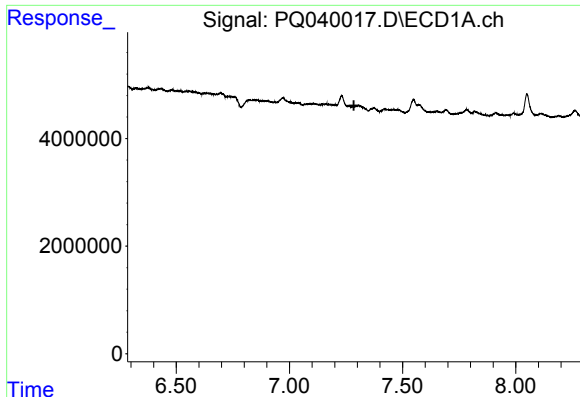
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 21 00:38:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ051819CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 18 00:58:45 2019  
 Response via : Initial Calibration  
 Integrator: 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... | 5.606  | 4.729  | 122.5E6  | 87250746 | 18.177  | 18.166    |
| 2)                          | SA Decachlor... | 11.941 | 10.464 | 164.7E6  | 98025485 | 26.380  | 25.390    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.541  | 0        | 3641977  | N.D.    | 28.121 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.751  | 0        | 505917   | N.D.    | 2.690 #   |
| 9)                          | L2 AR-1221-2    | 6.002  | 5.149  | 1238501  | 1563984  | 25.690  | 45.825 #  |
| 12)                         | L3 AR-1232-2    | 6.823  | 0.000  | 5662510  | 0        | 93.636  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.541  | 0        | 3641977  | N.D.    | 88.461 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 6.751  | 0        | 505917   | N.D.    | 11.253 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.541  | 0        | 3641977  | N.D.    | 43.034 #  |
| 20)                         | L4 AR-1242-5    | 8.049  | 7.189  | 7193867  | 1131695  | 59.531  | 10.555 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 6.541  | 0        | 3641977  | N.D.    | 28.762 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 6.541  | 0        | 3641977  | N.D.    | 27.459 #  |
| 24)                         | L5 AR-1248-4    | 8.049  | 6.751  | 7193867  | 505917   | 33.332  | 3.088 #   |
| 25)                         | L5 AR-1248-5    | 8.049  | 7.189  | 7193867  | 1131695  | 34.511  | 6.984 #   |
| 26)                         | L6 AR-1254-1    | 8.049  | 7.189  | 7193867  | 1131695  | 31.163  | 4.273 #   |
| 27)                         | L6 AR-1254-2    | 8.261  | 7.302  | 3098632  | 2137254  | 8.598   | 9.362     |
| 28)                         | L6 AR-1254-3    | 8.655  | 7.762  | 1979197  | 5884117  | 5.213   | 15.925 #  |
| 29)                         | L6 AR-1254-4    | 8.926  | 8.026  | 4374376  | 3218534  | 16.027  | 14.023    |
| 30)                         | L6 AR-1254-5    | 9.373  | 8.479  | 4851179  | 46070052 | 16.143  | 147.973 # |
| 31)                         | L7 AR-1260-1    | 8.816  | 7.888  | 4070049  | 5516017  | 9.122   | 14.974 #  |
| 32)                         | L7 AR-1260-2    | 9.091  | 8.091  | 4497817  | 3640836  | 8.369   | 8.003     |
| 33)                         | L7 AR-1260-3    | 9.466  | 8.257  | 53063097 | 3976986  | 132.259 | 9.468 #   |
| 34)                         | L7 AR-1260-4    | 9.723  | 8.745  | 50959263 | 41170361 | 110.798 | 124.389   |
| 35)                         | L7 AR-1260-5    | 10.047 | 9.006  | 26780626 | 23200116 | 27.780  | 28.283    |
| 36)                         | L8 AR-1262-1    | 9.527  | 8.535  | 7275408  | 6713281  | 47.417  | 50.226    |
| 37)                         | L8 AR-1262-2    | 10.047 | 9.006  | 26780626 | 23200116 | 39.610  | 38.728    |
| 38)                         | L8 AR-1262-3    | 10.373 | 9.296  | 199.2E6  | 162.2E6  | 433.788 | 703.538 # |
| 39)                         | L8 AR-1262-4    | 10.472 | 9.365  | 155.9E6  | 118.2E6  | 423.589 | 277.907 # |
| 40)                         | L8 AR-1262-5    | 11.164 | 9.886  | 51148284 | 54104730 | 212.763 | 302.068 # |
| 41)                         | L9 AR-1268-1    | 10.373 | 9.296  | 199.2E6  | 162.2E6  | 164.520 | 156.751   |
| 42)                         | L9 AR-1268-2    | 10.472 | 9.365  | 155.9E6  | 118.2E6  | 135.444 | 123.474   |
| 43)                         | L9 AR-1268-3    | 10.708 | 9.573  | 101.6E6  | 77404337 | 100.160 | 96.261    |
| 44)                         | L9 AR-1268-4    | 11.164 | 9.886  | 51148284 | 54104730 | 135.339 | 180.375 # |
| 45)                         | L9 AR-1268-5    | 11.593 | 10.196 | 362.0E6  | 240.5E6  | 109.251 | 97.814    |
| -----                       |                 |        |        |          |          |         |           |

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

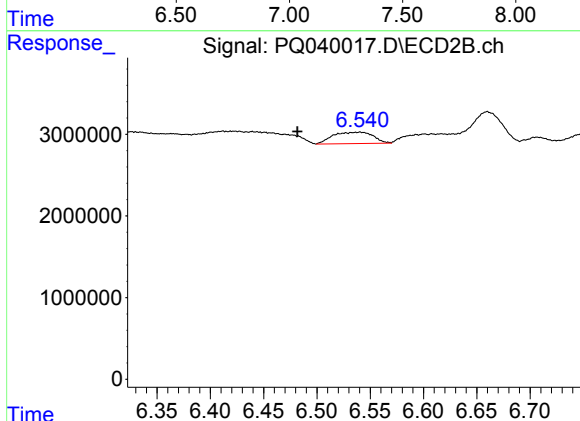




#6 AR-1016-4

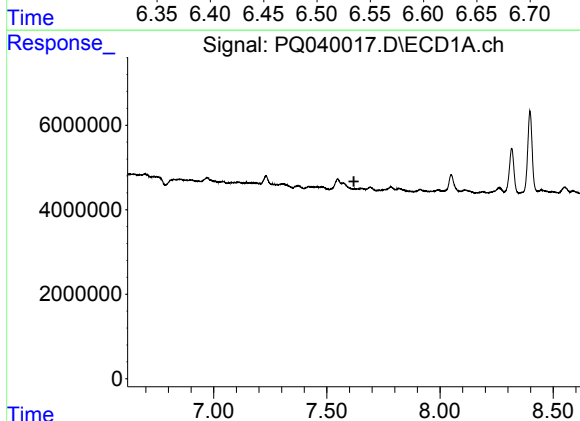
R.T.: 0.000 min  
Exp R.T.: 7.285 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



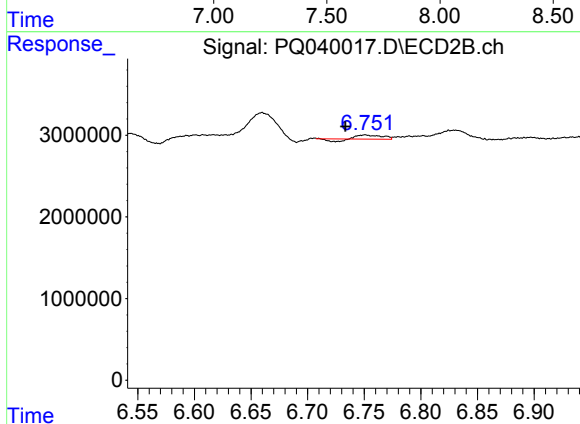
#6 AR-1016-4

R.T.: 6.541 min  
Delta R.T.: 0.059 min  
Response: 3641977  
Conc: 28.12 ng/ml



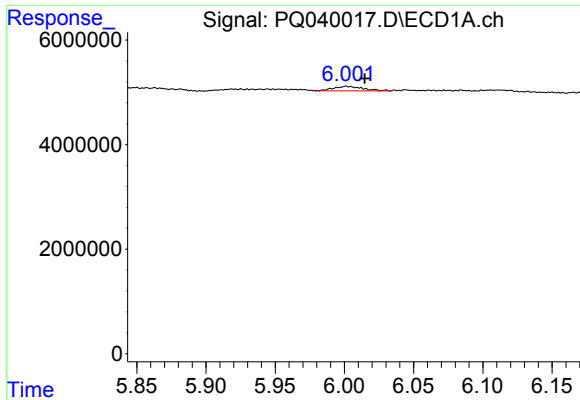
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 7.619 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

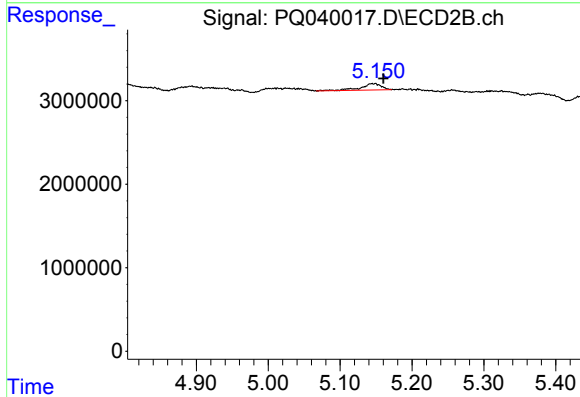
R.T.: 6.751 min  
Delta R.T.: 0.018 min  
Response: 505917  
Conc: 2.69 ng/ml



#9 AR-1221-2

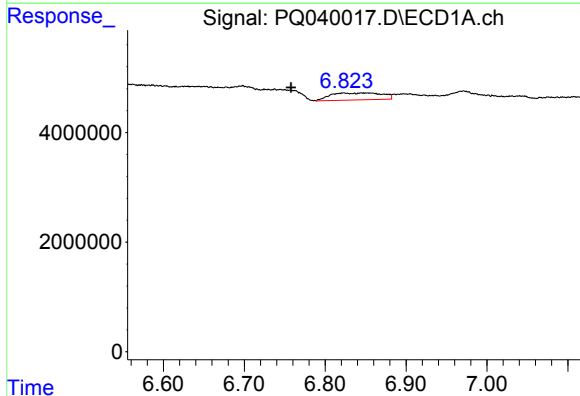
R.T.: 6.002 min  
Delta R.T.: -0.013 min  
Response: 1238501  
Conc: 25.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



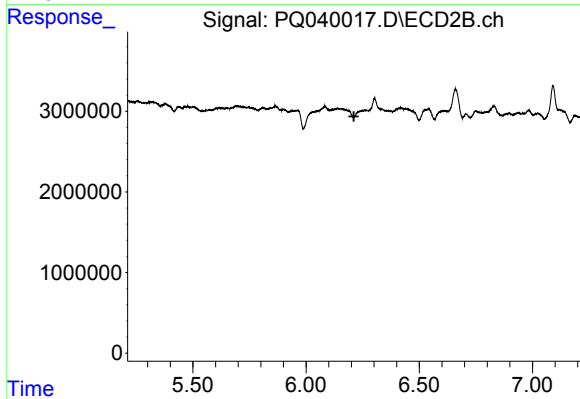
#9 AR-1221-2

R.T.: 5.149 min  
Delta R.T.: -0.011 min  
Response: 1563984  
Conc: 45.83 ng/ml



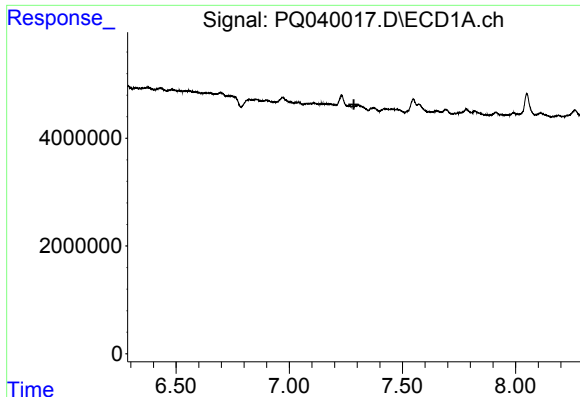
#12 AR-1232-2

R.T.: 6.823 min  
Delta R.T.: 0.065 min  
Response: 5662510  
Conc: 93.64 ng/ml



#12 AR-1232-2

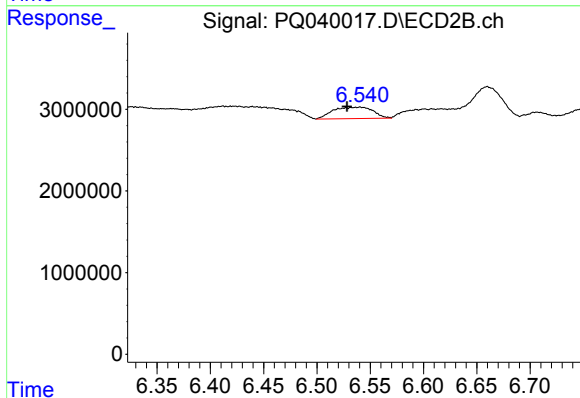
R.T.: 0.000 min  
Exp R.T.: 6.211 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

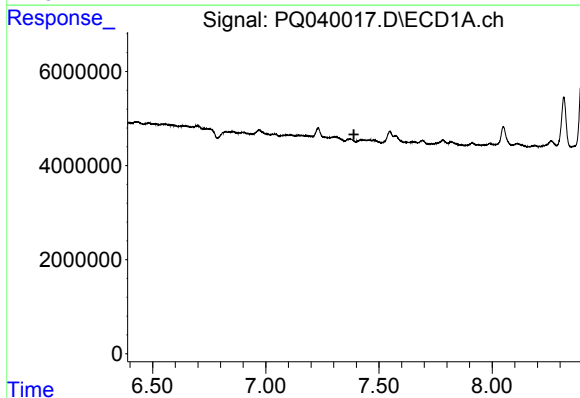
R.T.: 0.000 min  
Exp R.T.: 7.285 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



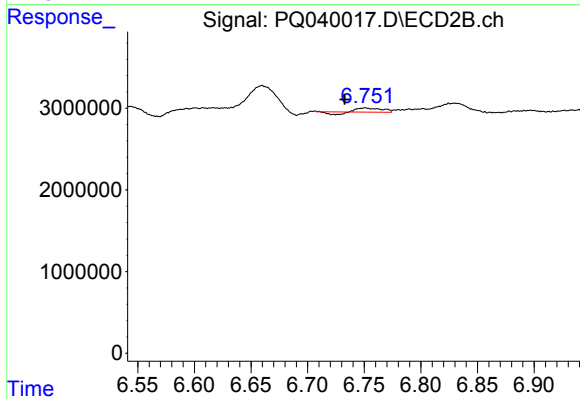
#14 AR-1232-4

R.T.: 6.541 min  
Delta R.T.: 0.012 min  
Response: 3641977  
Conc: 88.46 ng/ml



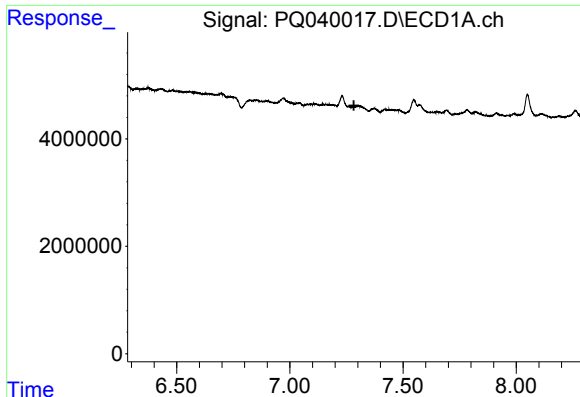
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 7.389 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

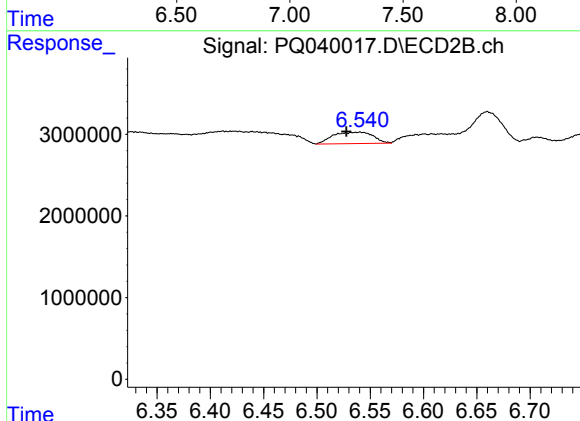
R.T.: 6.751 min  
Delta R.T.: 0.018 min  
Response: 505917  
Conc: 11.25 ng/ml



#19 AR-1242-4

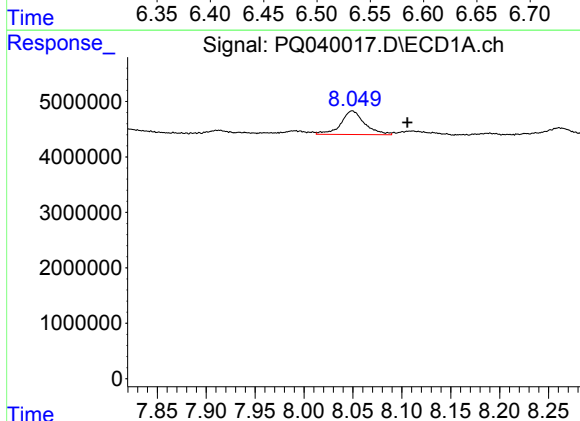
R.T.: 0.000 min  
Exp R.T.: 7.283 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



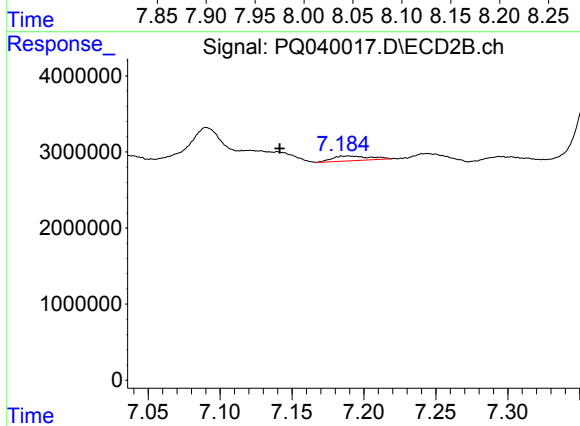
#19 AR-1242-4

R.T.: 6.541 min  
Delta R.T.: 0.013 min  
Response: 3641977  
Conc: 43.03 ng/ml



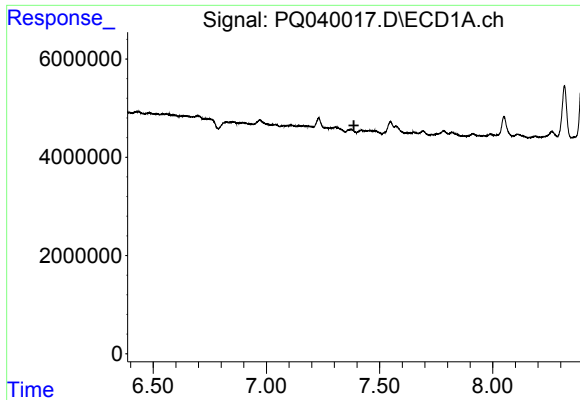
#20 AR-1242-5

R.T.: 8.049 min  
Delta R.T.: -0.056 min  
Response: 7193867  
Conc: 59.53 ng/ml



#20 AR-1242-5

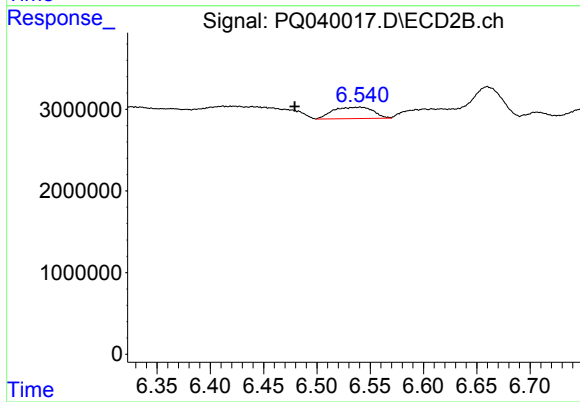
R.T.: 7.189 min  
Delta R.T.: 0.048 min  
Response: 1131695  
Conc: 10.56 ng/ml



#22 AR-1248-2

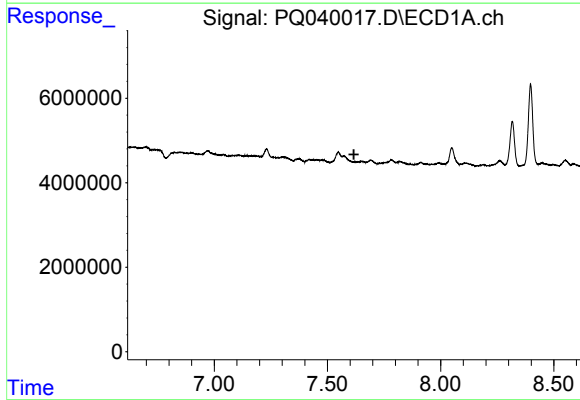
R.T.: 0.000 min  
Exp R.T.: 7.387 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



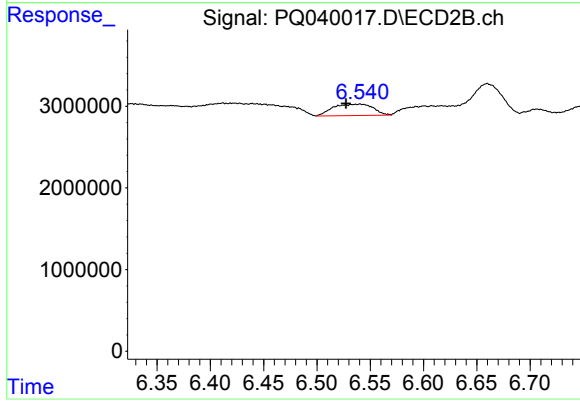
#22 AR-1248-2

R.T.: 6.541 min  
Delta R.T.: 0.062 min  
Response: 3641977  
Conc: 28.76 ng/ml



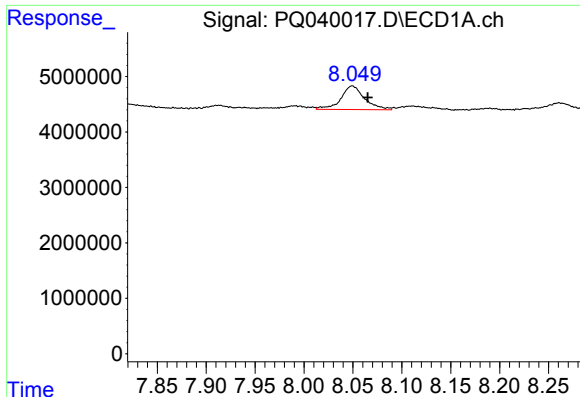
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 7.617 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

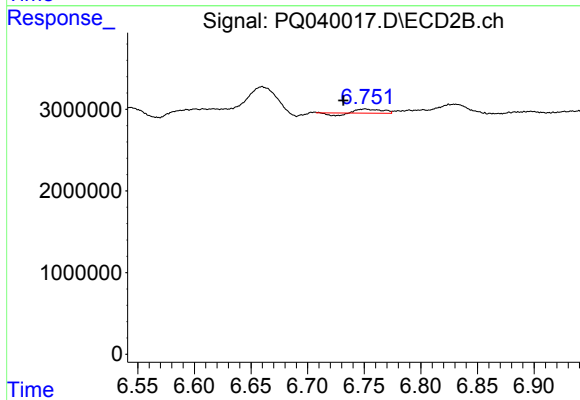
R.T.: 6.541 min  
Delta R.T.: 0.013 min  
Response: 3641977  
Conc: 27.46 ng/ml



#24 AR-1248-4

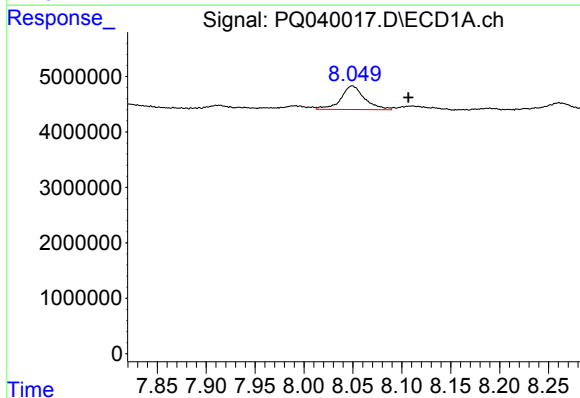
R.T.: 8.049 min  
Delta R.T.: -0.016 min  
Response: 7193867  
Conc: 33.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



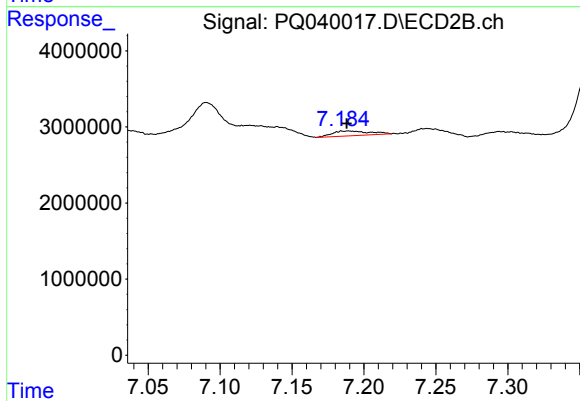
#24 AR-1248-4

R.T.: 6.751 min  
Delta R.T.: 0.019 min  
Response: 505917  
Conc: 3.09 ng/ml



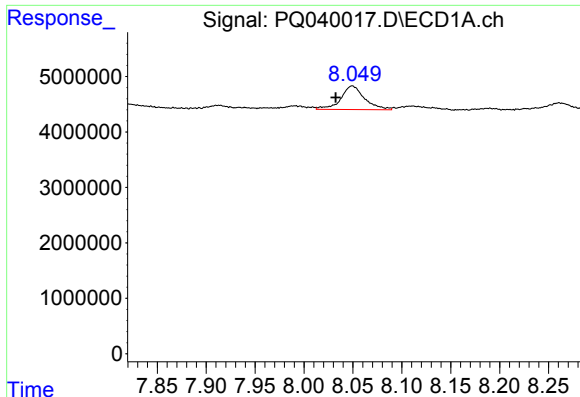
#25 AR-1248-5

R.T.: 8.049 min  
Delta R.T.: -0.057 min  
Response: 7193867  
Conc: 34.51 ng/ml



#25 AR-1248-5

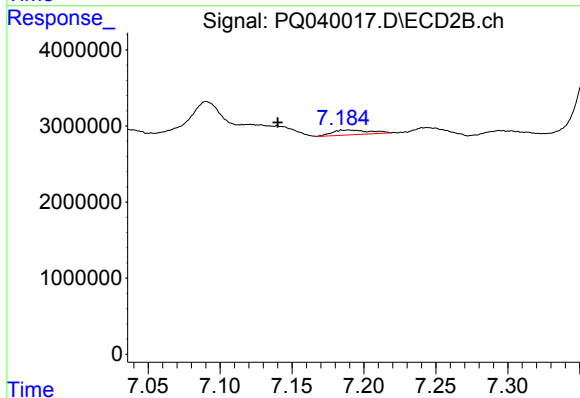
R.T.: 7.189 min  
Delta R.T.: 0.001 min  
Response: 1131695  
Conc: 6.98 ng/ml



#26 AR-1254-1

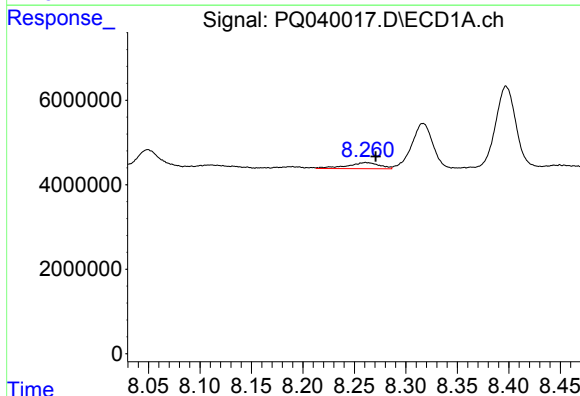
R.T.: 8.049 min  
Delta R.T.: 0.017 min  
Response: 7193867  
Conc: 31.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



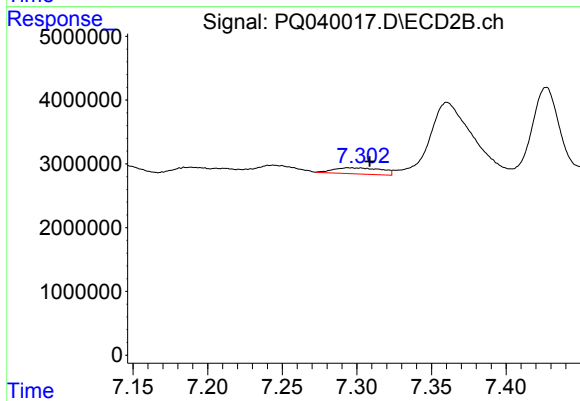
#26 AR-1254-1

R.T.: 7.189 min  
Delta R.T.: 0.049 min  
Response: 1131695  
Conc: 4.27 ng/ml



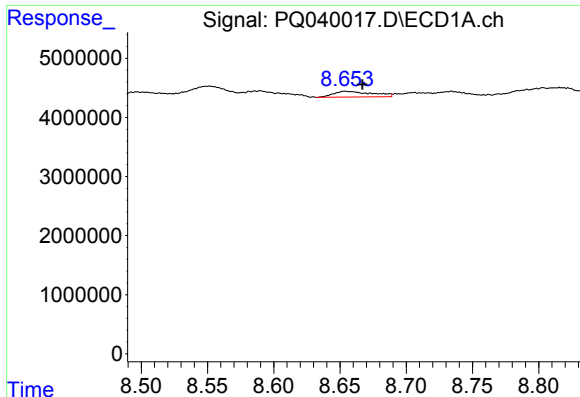
#27 AR-1254-2

R.T.: 8.261 min  
Delta R.T.: -0.010 min  
Response: 3098632  
Conc: 8.60 ng/ml



#27 AR-1254-2

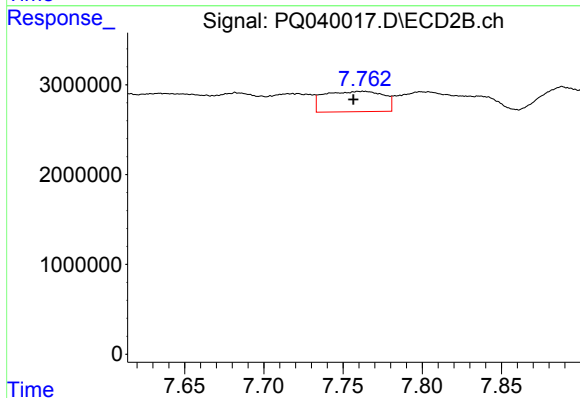
R.T.: 7.302 min  
Delta R.T.: -0.006 min  
Response: 2137254  
Conc: 9.36 ng/ml



#28 AR-1254-3

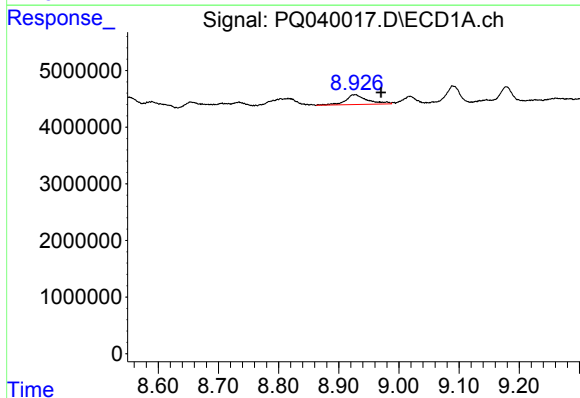
R.T.: 8.655 min  
Delta R.T.: -0.012 min  
Response: 1979197  
Conc: 5.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



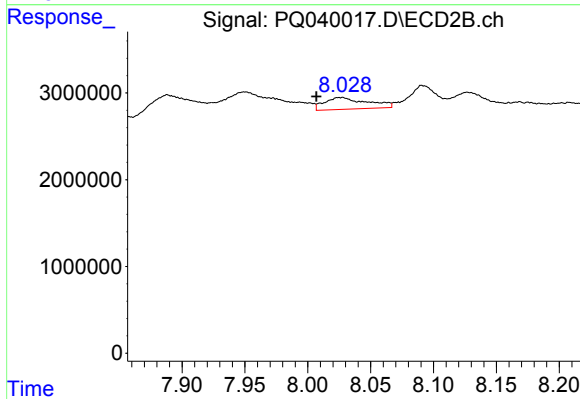
#28 AR-1254-3

R.T.: 7.762 min  
Delta R.T.: 0.006 min  
Response: 5884117  
Conc: 15.92 ng/ml



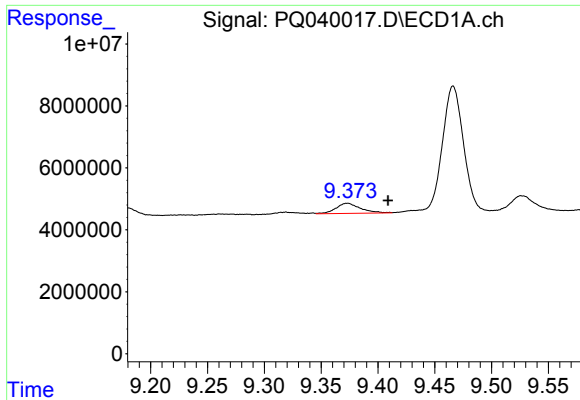
#29 AR-1254-4

R.T.: 8.926 min  
Delta R.T.: -0.044 min  
Response: 4374376  
Conc: 16.03 ng/ml



#29 AR-1254-4

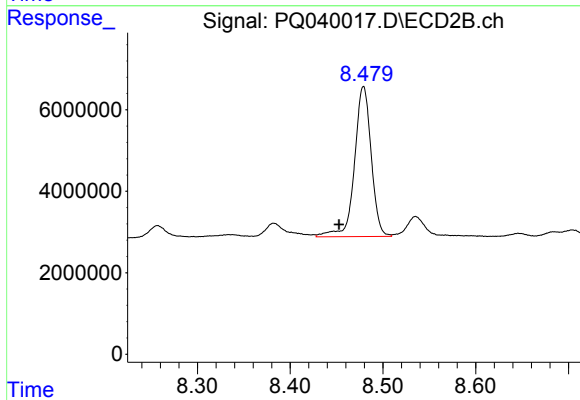
R.T.: 8.026 min  
Delta R.T.: 0.019 min  
Response: 3218534  
Conc: 14.02 ng/ml



#30 AR-1254-5

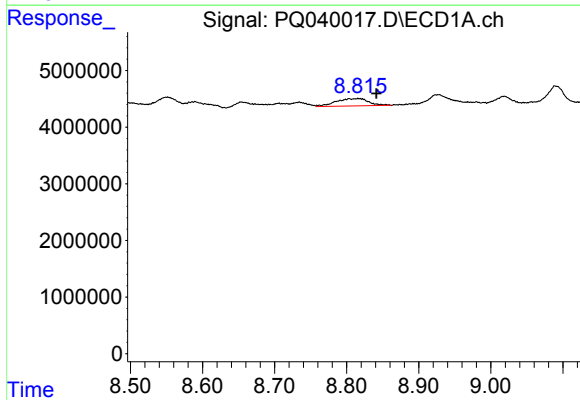
R.T.: 9.373 min  
Delta R.T.: -0.036 min  
Response: 4851179  
Conc: 16.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



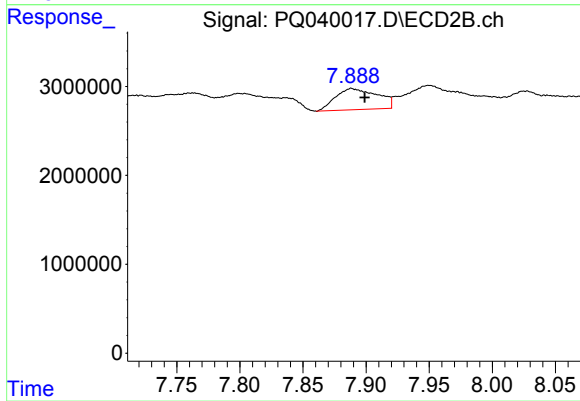
#30 AR-1254-5

R.T.: 8.479 min  
Delta R.T.: 0.026 min  
Response: 46070052  
Conc: 147.97 ng/ml



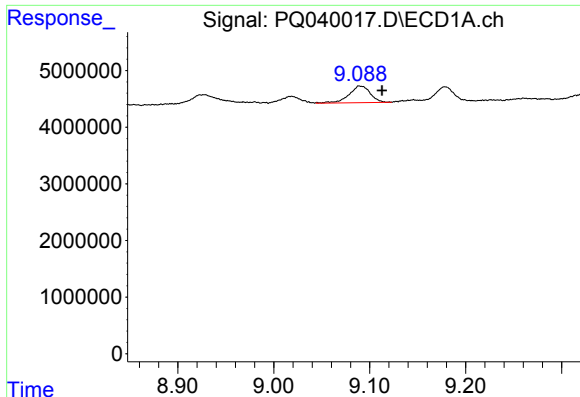
#31 AR-1260-1

R.T.: 8.816 min  
Delta R.T.: -0.025 min  
Response: 4070049  
Conc: 9.12 ng/ml



#31 AR-1260-1

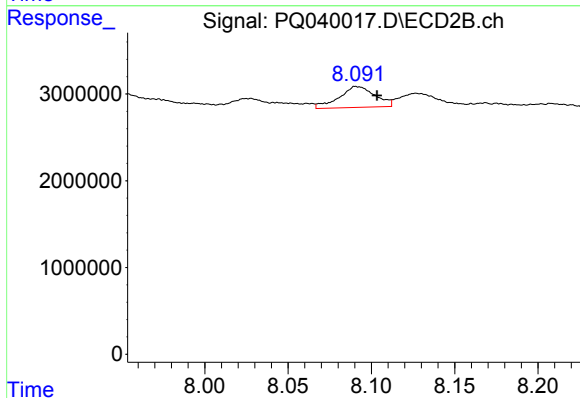
R.T.: 7.888 min  
Delta R.T.: -0.010 min  
Response: 5516017  
Conc: 14.97 ng/ml



#32 AR-1260-2

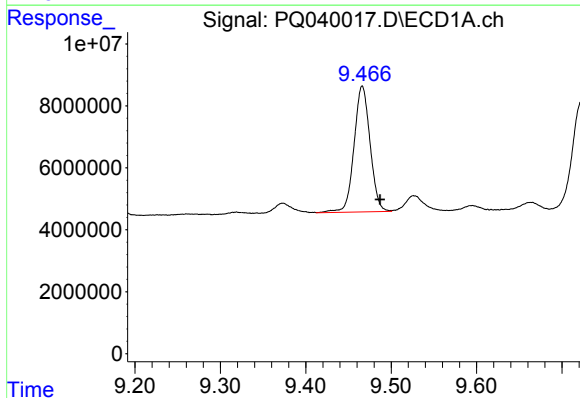
R.T.: 9.091 min  
Delta R.T.: -0.022 min  
Response: 4497817  
Conc: 8.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



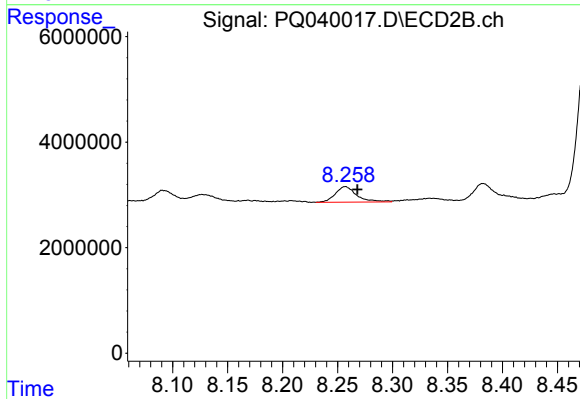
#32 AR-1260-2

R.T.: 8.091 min  
Delta R.T.: -0.012 min  
Response: 3640836  
Conc: 8.00 ng/ml



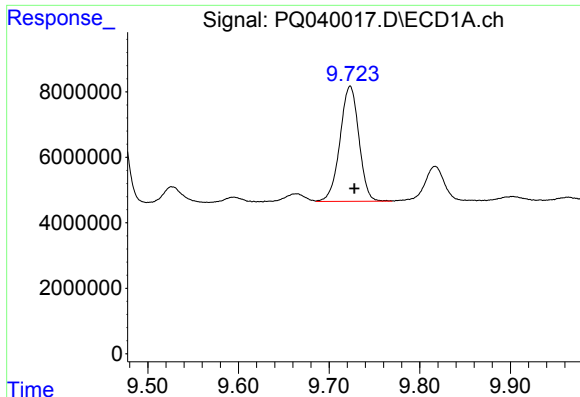
#33 AR-1260-3

R.T.: 9.466 min  
Delta R.T.: -0.021 min  
Response: 53063097  
Conc: 132.26 ng/ml



#33 AR-1260-3

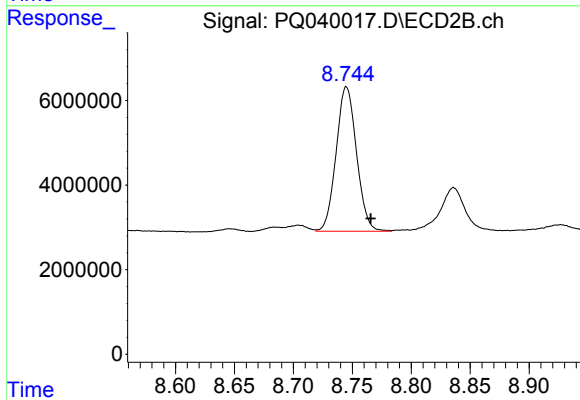
R.T.: 8.257 min  
Delta R.T.: -0.011 min  
Response: 3976986  
Conc: 9.47 ng/ml



#34 AR-1260-4

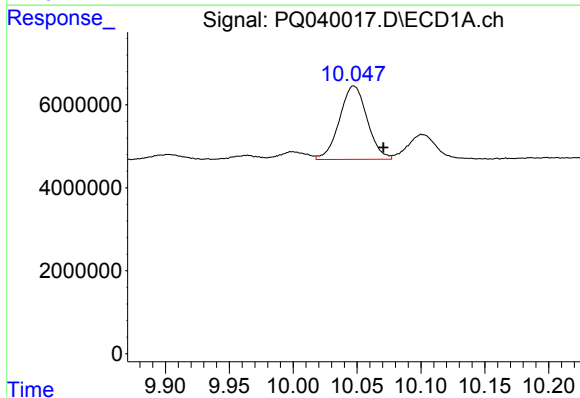
R.T.: 9.723 min  
Delta R.T.: -0.005 min  
Response: 50959263  
Conc: 110.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



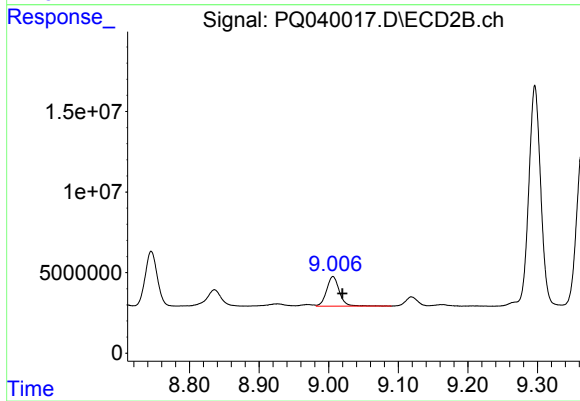
#34 AR-1260-4

R.T.: 8.745 min  
Delta R.T.: -0.021 min  
Response: 41170361  
Conc: 124.39 ng/ml



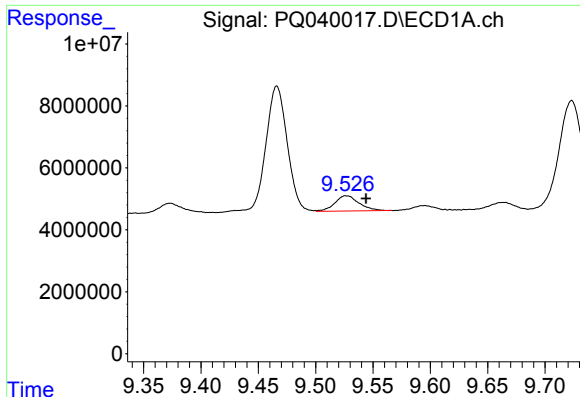
#35 AR-1260-5

R.T.: 10.047 min  
Delta R.T.: -0.023 min  
Response: 26780626  
Conc: 27.78 ng/ml



#35 AR-1260-5

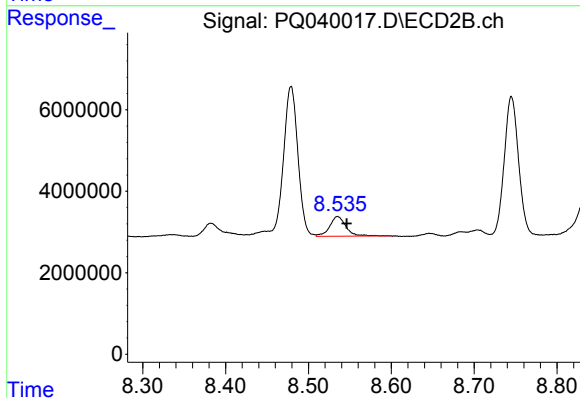
R.T.: 9.006 min  
Delta R.T.: -0.014 min  
Response: 23200116  
Conc: 28.28 ng/ml



#36 AR-1262-1

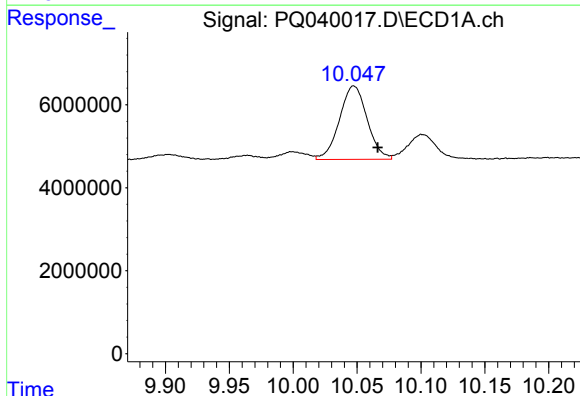
R.T.: 9.527 min  
Delta R.T.: -0.017 min  
Response: 7275408  
Conc: 47.42 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



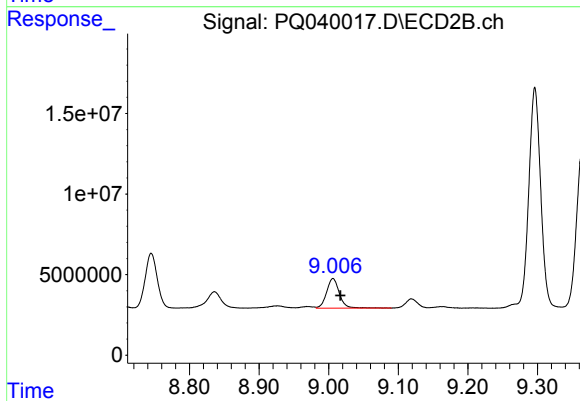
#36 AR-1262-1

R.T.: 8.535 min  
Delta R.T.: -0.011 min  
Response: 6713281  
Conc: 50.23 ng/ml



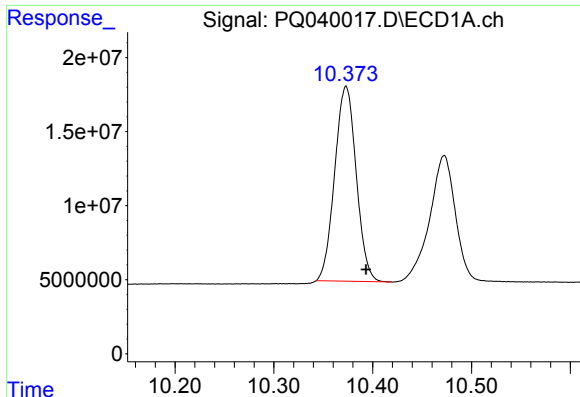
#37 AR-1262-2

R.T.: 10.047 min  
Delta R.T.: -0.019 min  
Response: 26780626  
Conc: 39.61 ng/ml



#37 AR-1262-2

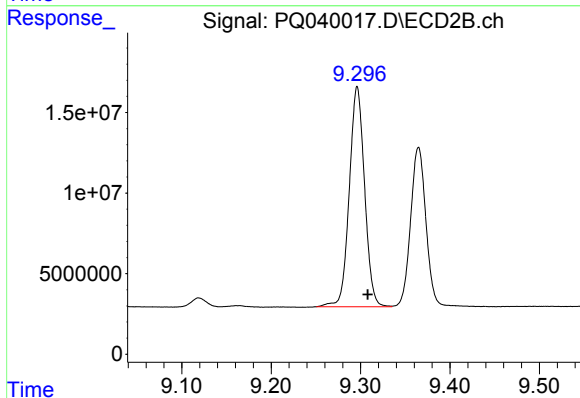
R.T.: 9.006 min  
Delta R.T.: -0.011 min  
Response: 23200116  
Conc: 38.73 ng/ml



#38 AR-1262-3

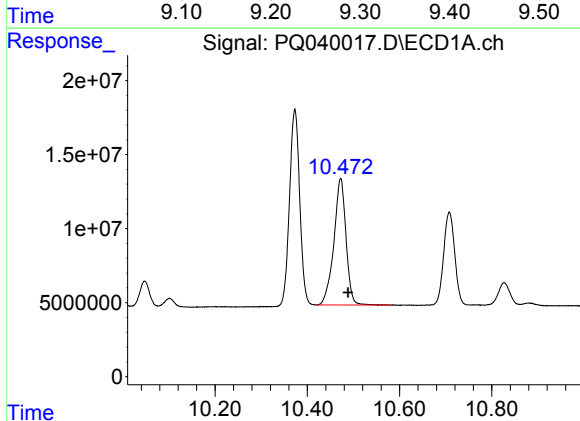
R.T.: 10.373 min  
Delta R.T.: -0.020 min  
Response: 199231413  
Conc: 433.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



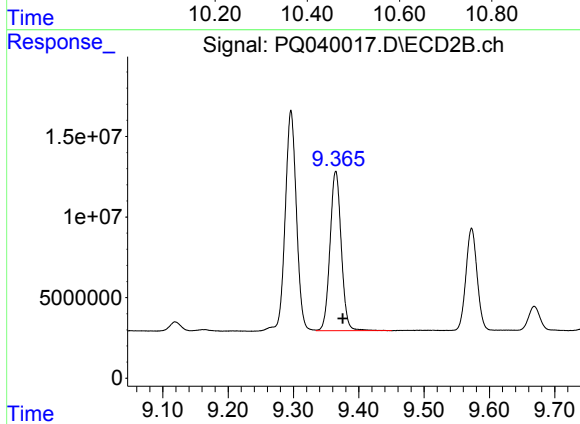
#38 AR-1262-3

R.T.: 9.296 min  
Delta R.T.: -0.012 min  
Response: 162175990  
Conc: 703.54 ng/ml



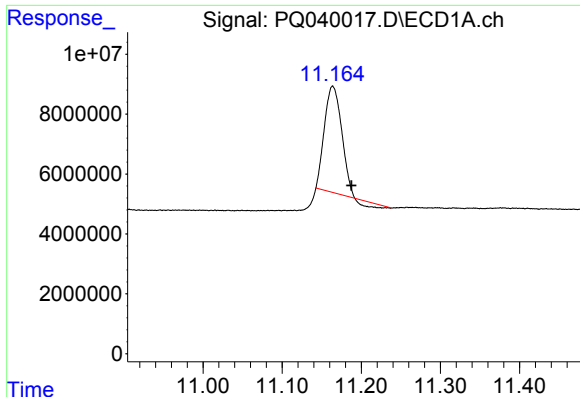
#39 AR-1262-4

R.T.: 10.472 min  
Delta R.T.: -0.016 min  
Response: 155892188  
Conc: 423.59 ng/ml



#39 AR-1262-4

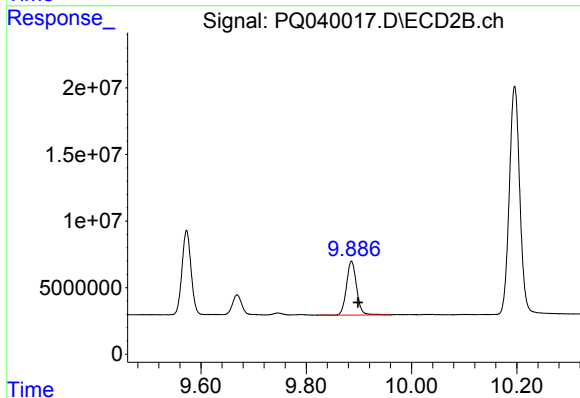
R.T.: 9.365 min  
Delta R.T.: -0.011 min  
Response: 118154131  
Conc: 277.91 ng/ml



#40 AR-1262-5

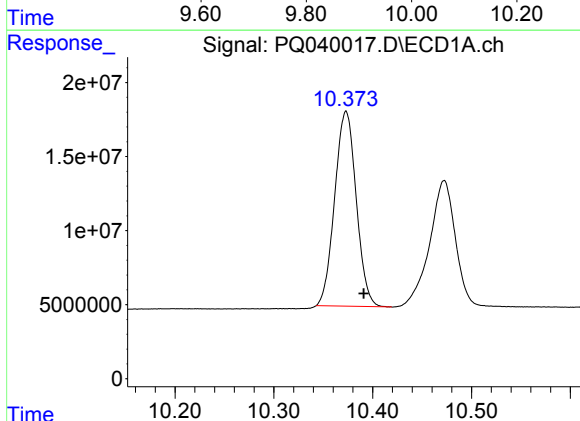
R.T.: 11.164 min  
Delta R.T.: -0.023 min  
Response: 51148284  
Conc: 212.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



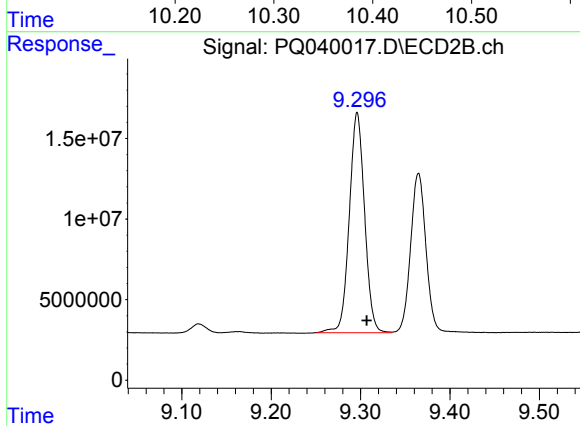
#40 AR-1262-5

R.T.: 9.886 min  
Delta R.T.: -0.013 min  
Response: 54104730  
Conc: 302.07 ng/ml



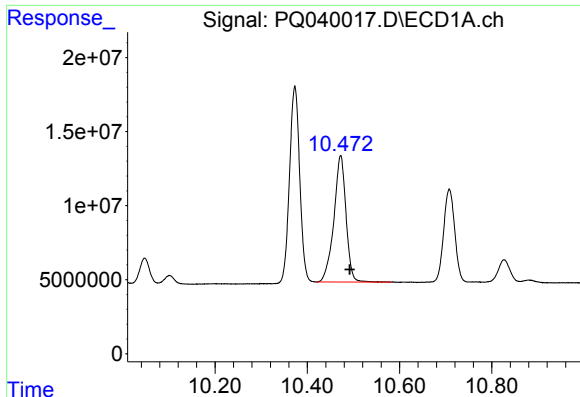
#41 AR-1268-1

R.T.: 10.373 min  
Delta R.T.: -0.018 min  
Response: 199231413  
Conc: 164.52 ng/ml



#41 AR-1268-1

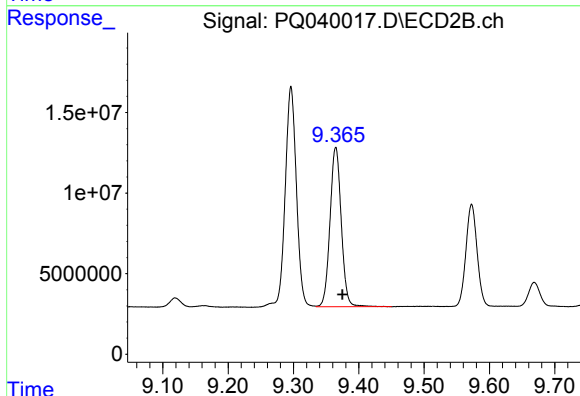
R.T.: 9.296 min  
Delta R.T.: -0.011 min  
Response: 162175990  
Conc: 156.75 ng/ml



#42 AR-1268-2

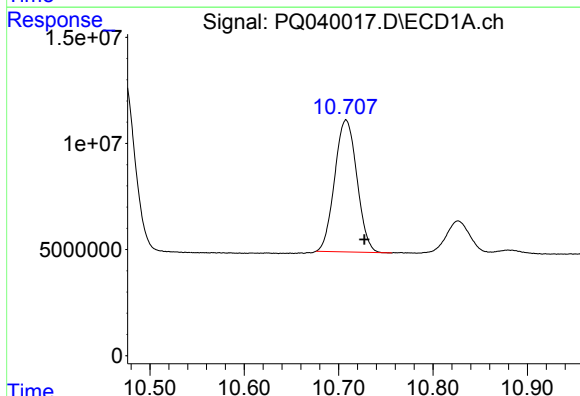
R.T.: 10.472 min  
Delta R.T.: -0.020 min  
Response: 155892188  
Conc: 135.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



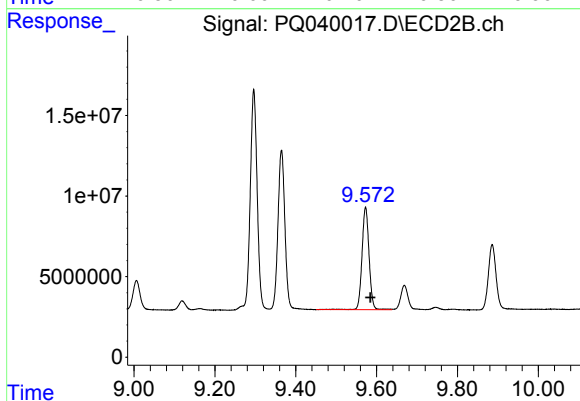
#42 AR-1268-2

R.T.: 9.365 min  
Delta R.T.: -0.010 min  
Response: 118154131  
Conc: 123.47 ng/ml



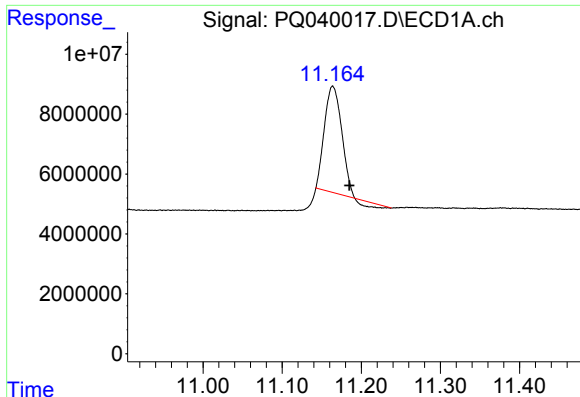
#43 AR-1268-3

R.T.: 10.708 min  
Delta R.T.: -0.020 min  
Response: 101617525  
Conc: 100.16 ng/ml



#43 AR-1268-3

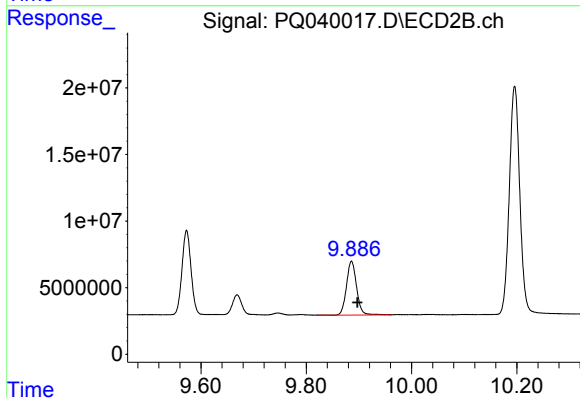
R.T.: 9.573 min  
Delta R.T.: -0.012 min  
Response: 77404337  
Conc: 96.26 ng/ml



#44 AR-1268-4

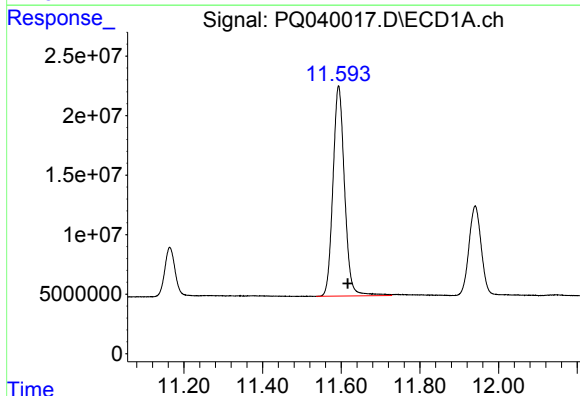
R.T.: 11.164 min  
Delta R.T.: -0.021 min  
Response: 51148284  
Conc: 135.34 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMF0



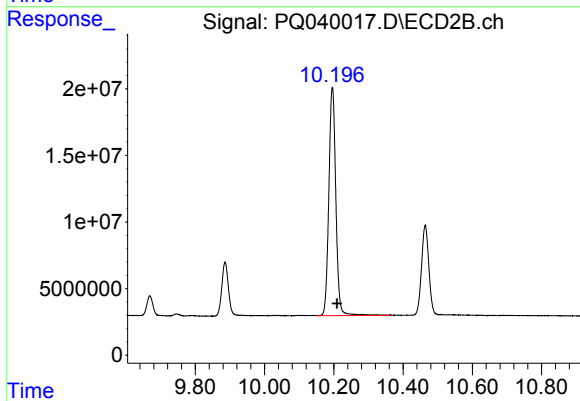
#44 AR-1268-4

R.T.: 9.886 min  
Delta R.T.: -0.011 min  
Response: 54104730  
Conc: 180.38 ng/ml



#45 AR-1268-5

R.T.: 11.593 min  
Delta R.T.: -0.023 min  
Response: 362034252  
Conc: 109.25 ng/ml



#45 AR-1268-5

R.T.: 10.196 min  
Delta R.T.: -0.013 min  
Response: 240471366  
Conc: 97.81 ng/ml