

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ051919\  
 Data File : PQ039966.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2019 01:00  
 Operator : SM\AJ  
 Sample : K2916-07  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ETMB4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 02:30:22 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... | 5.609  | 4.731  | 155.5E6  | 109.5E6  | 23.061  | 22.800   |
| 2)                          | SA Decachlor... | 11.941 | 10.464 | 150.1E6  | 82968766 | 24.031  | 21.490   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 7.056  | 6.182  | 17506304 | 8885422  | 54.224  | 34.984 # |
| 4)                          | L1 AR-1016-2    | 7.056  | 6.182  | 17506304 | 8885422  | 36.955  | 24.438 # |
| 5)                          | L1 AR-1016-3    | 0.000  | 6.480  | 0        | 4098621  | N.D.    | 22.351 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.480  | 0        | 4098621  | N.D.    | 31.647 # |
| 7)                          | L1 AR-1016-5    | 7.654  | 6.733  | 6210875  | 1452934  | 27.777  | 7.725 #  |
| 9)                          | L2 AR-1221-2    | 6.004  | 5.151  | 1853721  | 947337   | 38.452  | 27.757 # |
| 12)                         | L3 AR-1232-2    | 6.703  | 6.182  | 2368383  | 8885422  | 39.164  | 95.942 # |
| 13)                         | L3 AR-1232-3    | 7.056  | 6.480  | 17506304 | 4098621  | 140.474 | 82.959 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.564  | 0        | 3061290  | N.D.    | 74.357 # |
| 15)                         | L3 AR-1232-5    | 7.404  | 6.733  | 3872055  | 1452934  | 97.225  | 32.317 # |
| 16)                         | L4 AR-1242-1    | 7.056  | 6.182  | 17506304 | 8885422  | 111.461 | 71.971 # |
| 17)                         | L4 AR-1242-2    | 7.056  | 6.182  | 17506304 | 8885422  | 75.735  | 50.502 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 6.480  | 0        | 4098621  | N.D.    | 45.134 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.564  | 0        | 3061290  | N.D.    | 36.172 # |
| 20)                         | L4 AR-1242-5    | 8.113  | 7.122  | 3602461  | 8466626  | 29.811  | 78.968 # |
| 21)                         | L5 AR-1248-1    | 7.056  | 6.182  | 17506304 | 8885422  | 134.805 | 87.932 # |
| 22)                         | L5 AR-1248-2    | 7.370  | 6.480  | 1525874  | 4098621  | 9.294   | 32.368 # |
| 23)                         | L5 AR-1248-3    | 7.654  | 6.564  | 6210875  | 3061290  | 31.999  | 23.081 # |
| 24)                         | L5 AR-1248-4    | 8.052  | 6.733  | 130.6E6  | 1452934  | 605.041 | 8.868 #  |
| 25)                         | L5 AR-1248-5    | 8.113  | 7.183  | 3602461  | 1827910  | 17.282  | 11.281 # |
| 26)                         | L6 AR-1254-1    | 8.052  | 7.122  | 130.6E6  | 8466626  | 565.669 | 31.968 # |
| 27)                         | L6 AR-1254-2    | 8.268  | 7.296  | 5645201  | 1897679  | 15.665  | 8.313 #  |
| 28)                         | L6 AR-1254-3    | 8.655  | 7.747  | 3958097  | 1570508  | 10.426  | 4.250 #  |
| 29)                         | L6 AR-1254-4    | 8.951  | 0.000  | 1888371  | 0        | 6.919   | N.D. #   |
| 30)                         | L6 AR-1254-5    | 9.419  | 8.443  | 1081457  | 6625623  | 3.599   | 21.281 # |
| 31)                         | L7 AR-1260-1    | 8.822  | 7.891  | 884509   | 1369789  | 1.982   | 3.718 #  |
| 32)                         | L7 AR-1260-2    | 9.090  | 8.133  | 5996579  | 2562152  | 11.158  | 5.632 #  |
| 33)                         | L7 AR-1260-3    | 9.455  | 8.259  | 5112597  | 7986195  | 12.743  | 19.012 # |
| 34)                         | L7 AR-1260-4    | 0.000  | 8.793  | 0        | 8685351  | N.D.    | 26.241 # |
| 35)                         | L7 AR-1260-5    | 10.104 | 8.997  | 1940497  | 6126667  | 2.013   | 7.469 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 8.533  | 0        | 6549540  | N.D.    | 49.001 # |
| 37)                         | L8 AR-1262-2    | 10.104 | 8.997  | 1940497  | 6126667  | 2.870   | 10.227 # |
| 45)                         | L9 AR-1268-5    | 11.595 | 10.196 | 2455961  | 739675   | 0.741   | 0.301 #  |
| -----                       |                 |        |        |          |          |         |          |

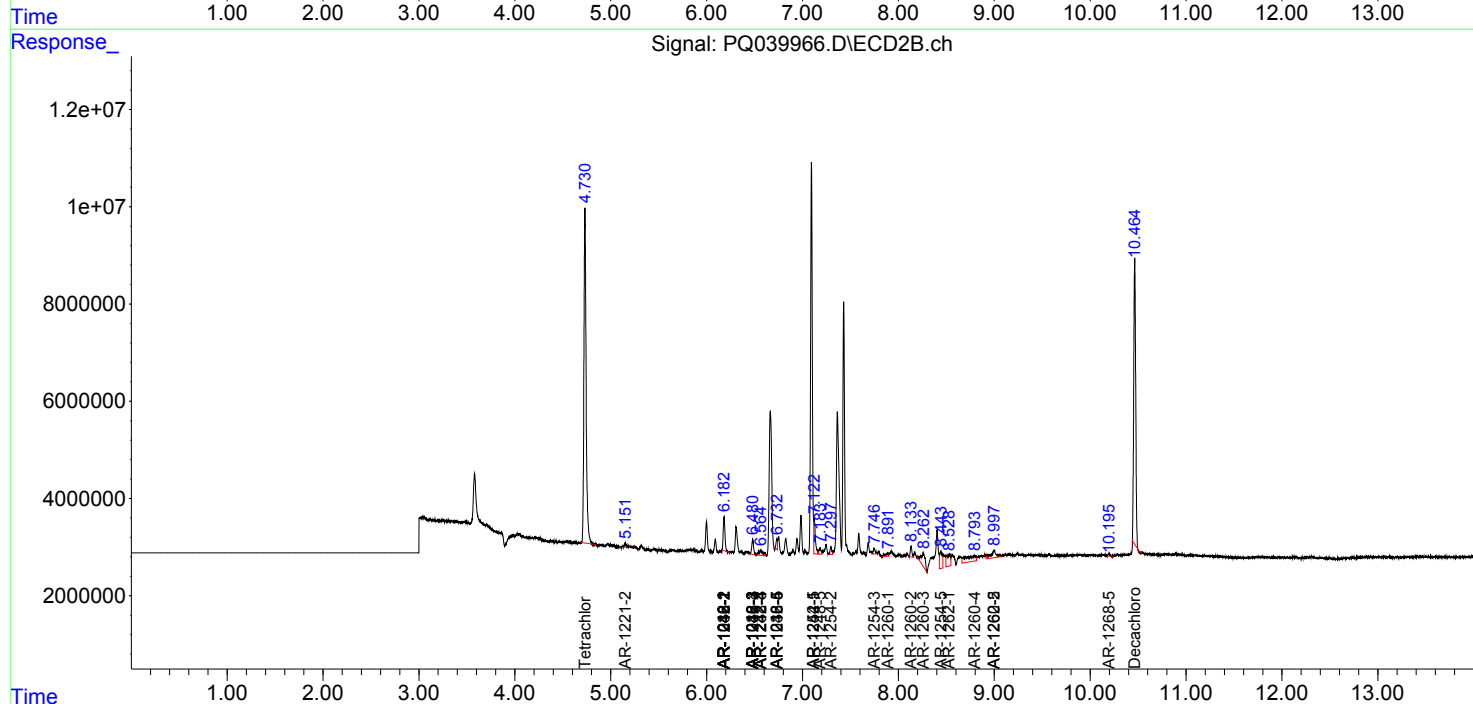
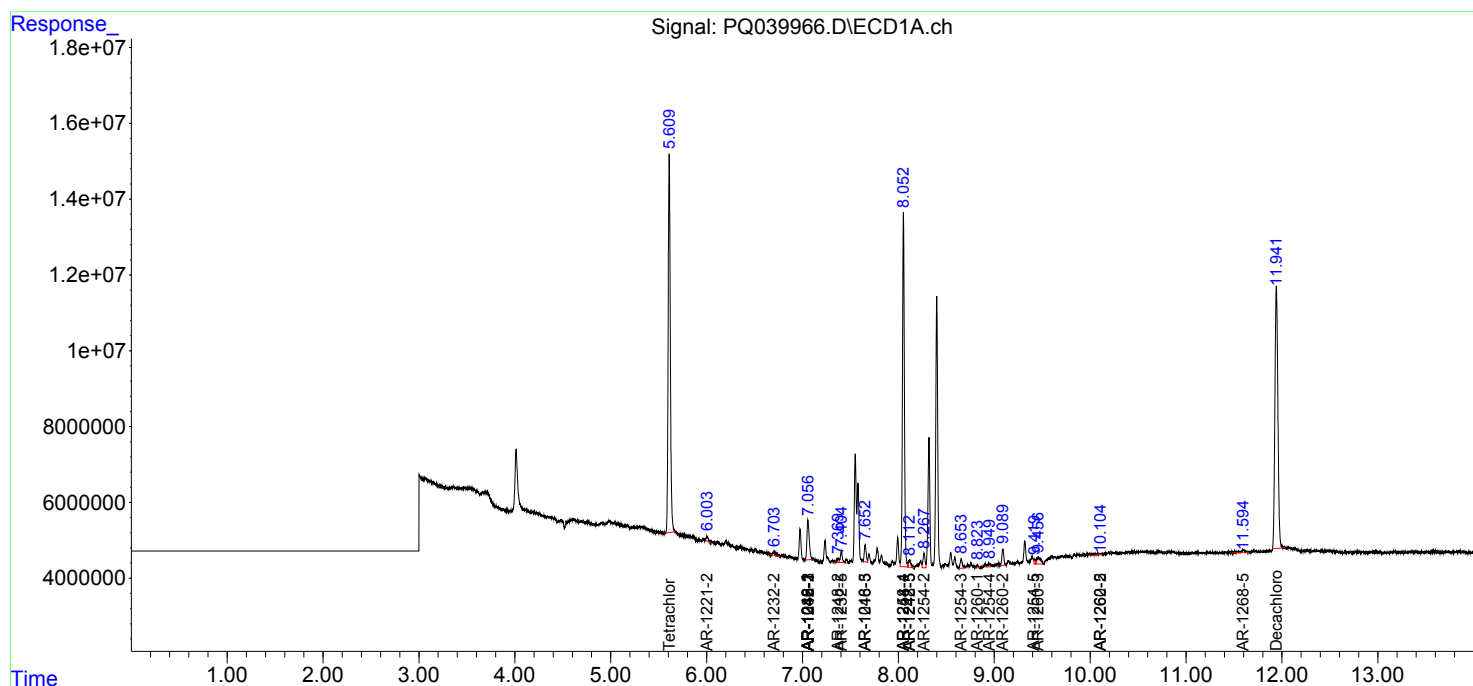
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

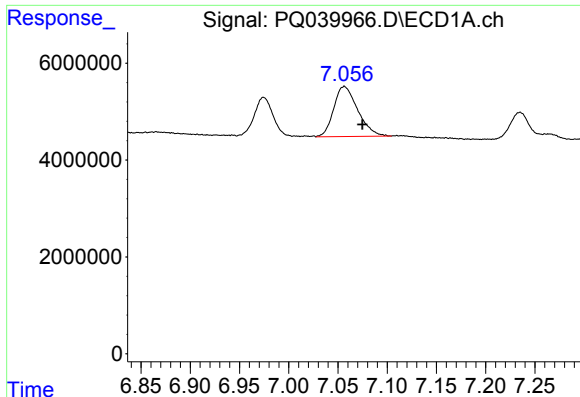
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ051919\  
Data File : PQ039966.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2019 01:00  
Operator : SM\AJ  
Sample : K2916-07  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 02:30:22 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

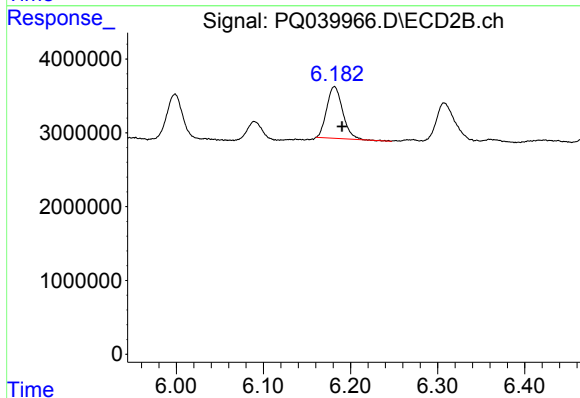




#3 AR-1016-1

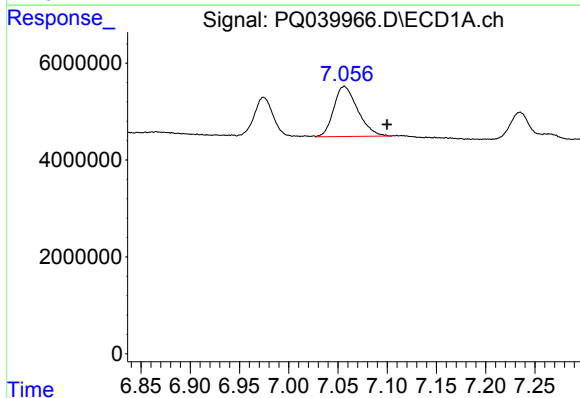
R.T.: 7.056 min  
Delta R.T.: -0.019 min  
Response: 17506304  
Conc: 54.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



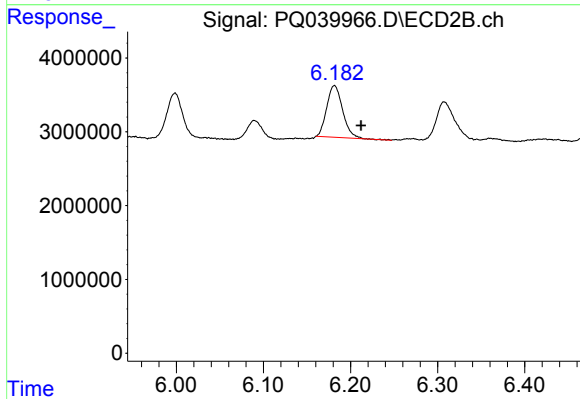
#3 AR-1016-1

R.T.: 6.182 min  
Delta R.T.: -0.009 min  
Response: 8885422  
Conc: 34.98 ng/ml



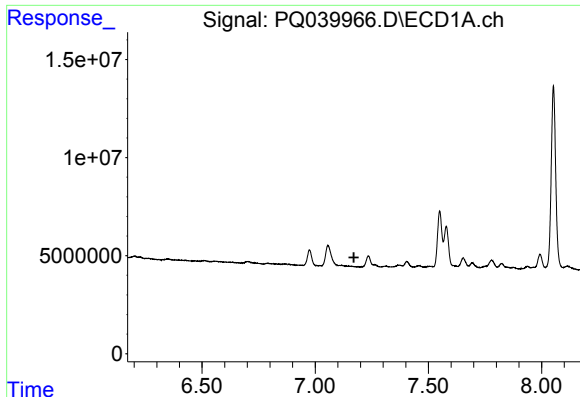
#4 AR-1016-2

R.T.: 7.056 min  
Delta R.T.: -0.043 min  
Response: 17506304  
Conc: 36.96 ng/ml



#4 AR-1016-2

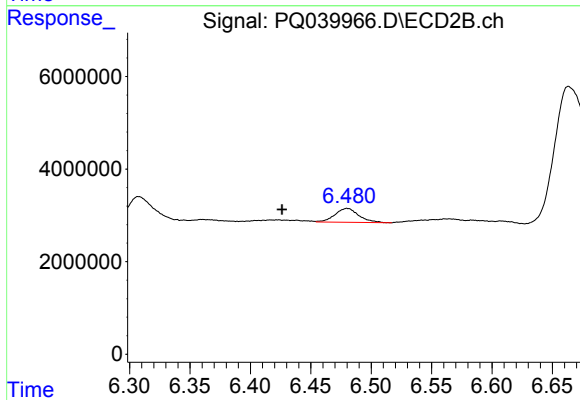
R.T.: 6.182 min  
Delta R.T.: -0.030 min  
Response: 8885422  
Conc: 24.44 ng/ml



#5 AR-1016-3

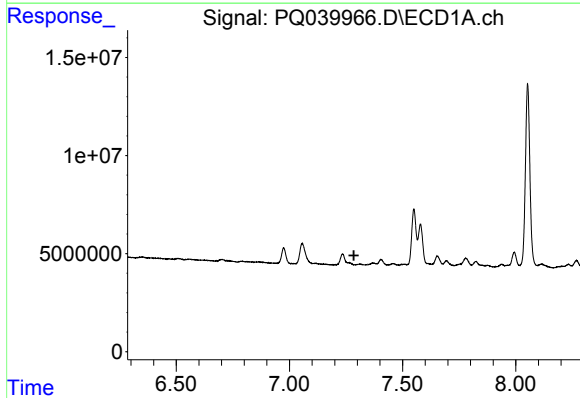
R.T.: 0.000 min  
Exp R.T.: 7.171 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



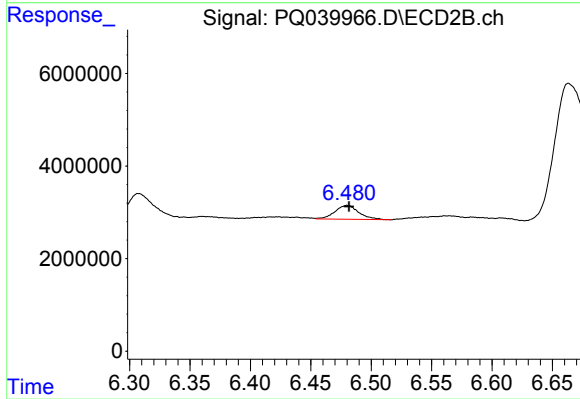
#5 AR-1016-3

R.T.: 6.480 min  
Delta R.T.: 0.054 min  
Response: 4098621  
Conc: 22.35 ng/ml



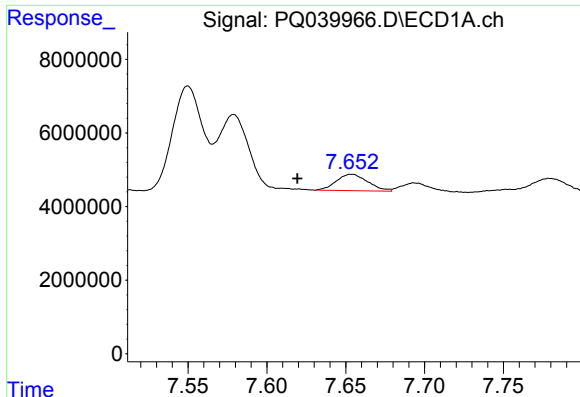
#6 AR-1016-4

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



#6 AR-1016-4

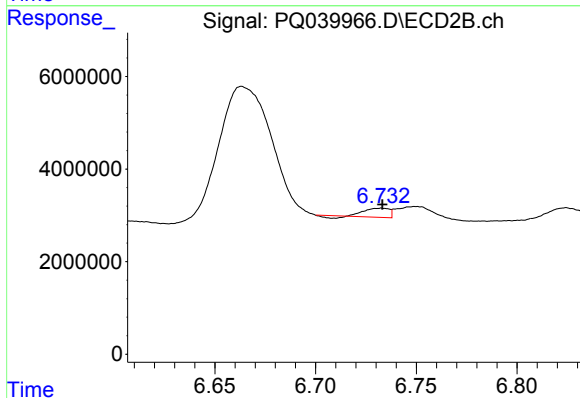
R.T.: 6.480 min  
Delta R.T.: -0.002 min  
Response: 4098621  
Conc: 31.65 ng/ml



#7 AR-1016-5

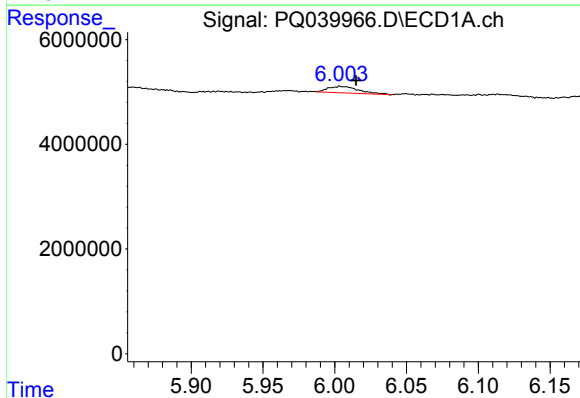
R.T.: 7.654 min  
Delta R.T.: 0.034 min  
Response: 6210875  
Conc: 27.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



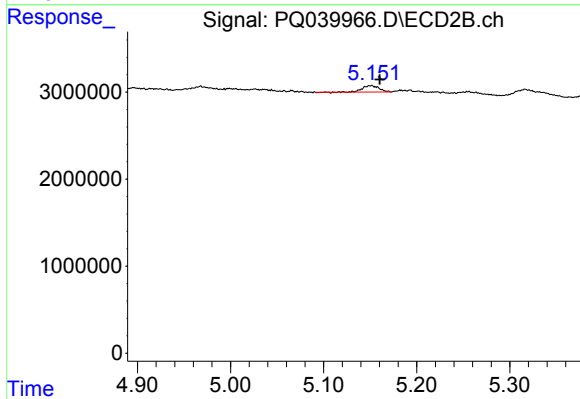
#7 AR-1016-5

R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 1452934  
Conc: 7.73 ng/ml



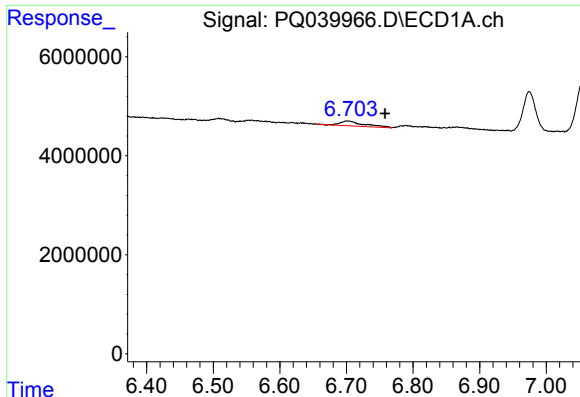
#9 AR-1221-2

R.T.: 6.004 min  
Delta R.T.: -0.011 min  
Response: 1853721  
Conc: 38.45 ng/ml



#9 AR-1221-2

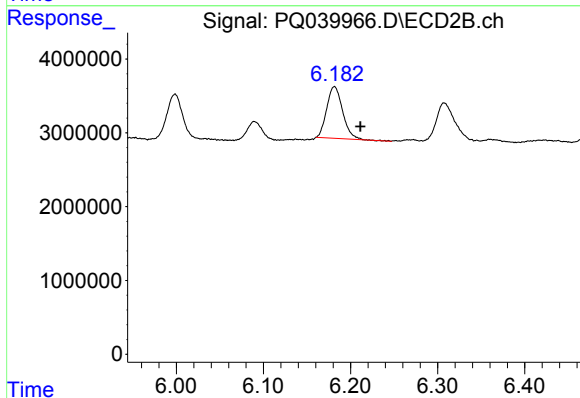
R.T.: 5.151 min  
Delta R.T.: -0.009 min  
Response: 947337  
Conc: 27.76 ng/ml



#12 AR-1232-2

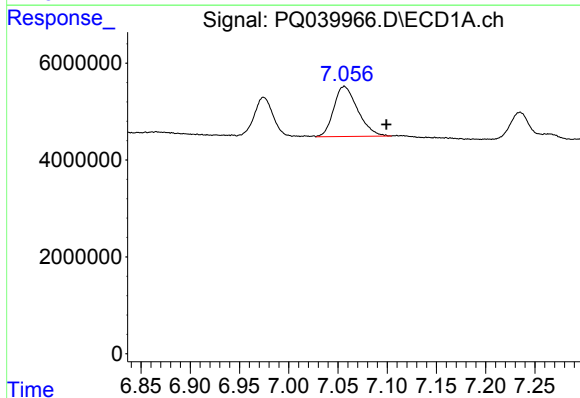
R.T.: 6.703 min  
Delta R.T.: -0.055 min  
Response: 2368383  
Conc: 39.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



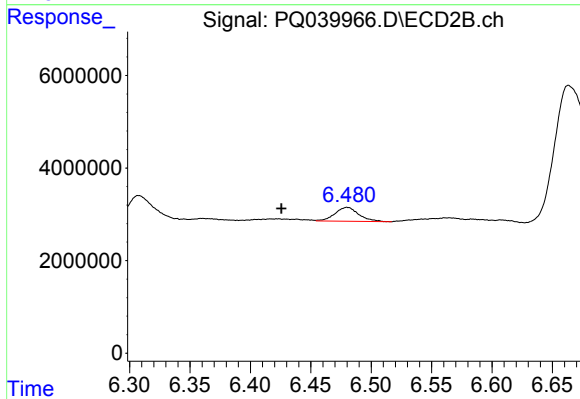
#12 AR-1232-2

R.T.: 6.182 min  
Delta R.T.: -0.030 min  
Response: 8885422  
Conc: 95.94 ng/ml



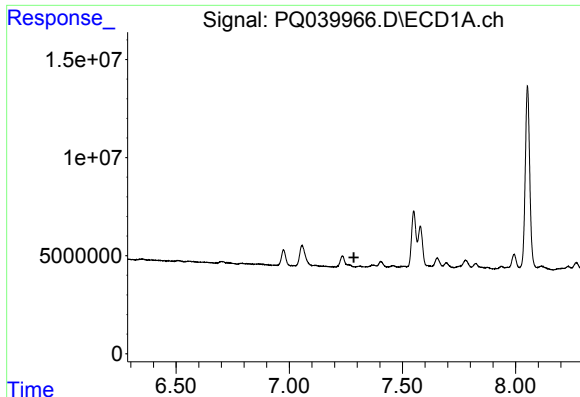
#13 AR-1232-3

R.T.: 7.056 min  
Delta R.T.: -0.043 min  
Response: 17506304  
Conc: 140.47 ng/ml



#13 AR-1232-3

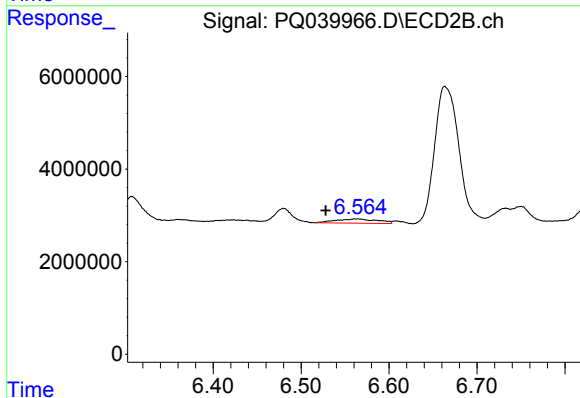
R.T.: 6.480 min  
Delta R.T.: 0.054 min  
Response: 4098621  
Conc: 82.96 ng/ml



#14 AR-1232-4

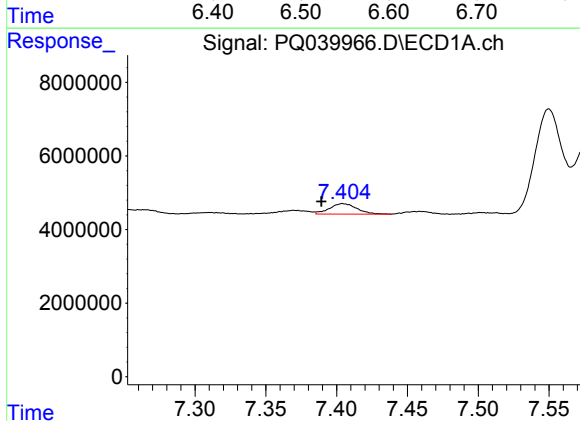
R.T.: 0.000 min  
Exp R.T.: 7.285 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



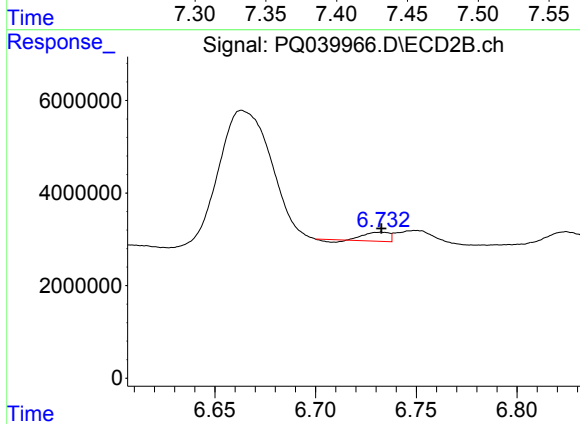
#14 AR-1232-4

R.T.: 6.564 min  
Delta R.T.: 0.036 min  
Response: 3061290  
Conc: 74.36 ng/ml



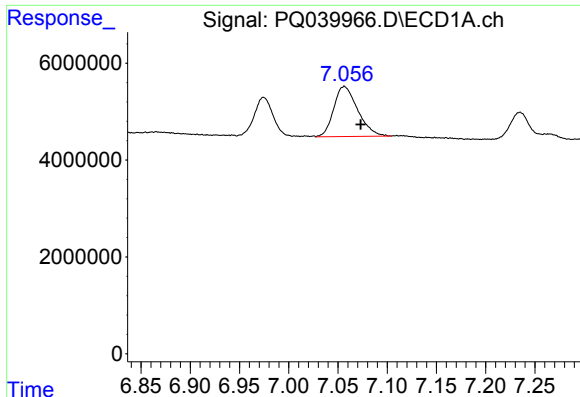
#15 AR-1232-5

R.T.: 7.404 min  
Delta R.T.: 0.015 min  
Response: 3872055  
Conc: 97.23 ng/ml



#15 AR-1232-5

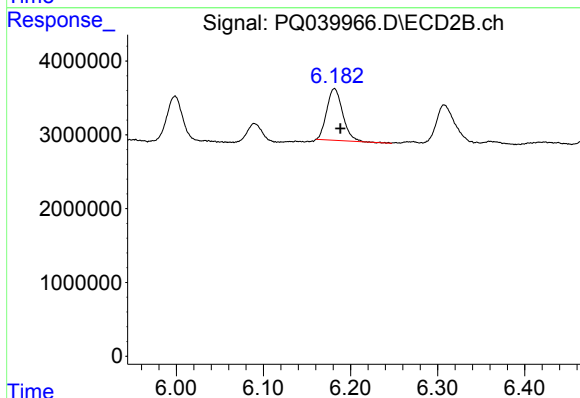
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 1452934  
Conc: 32.32 ng/ml



#16 AR-1242-1

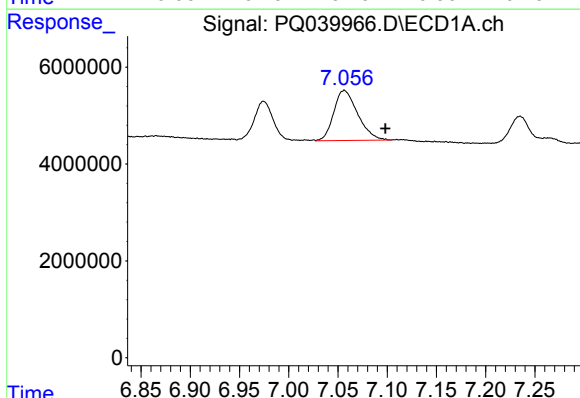
R.T.: 7.056 min  
Delta R.T.: -0.017 min  
Response: 17506304  
Conc: 111.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



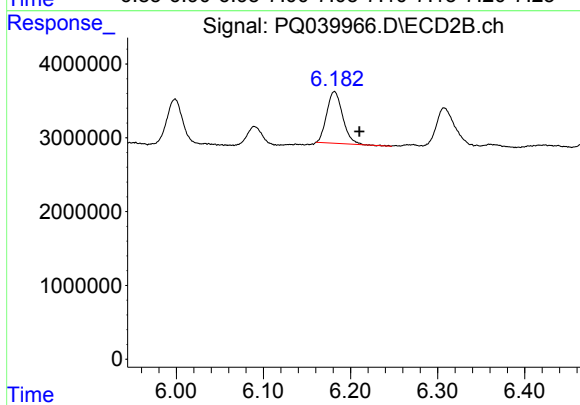
#16 AR-1242-1

R.T.: 6.182 min  
Delta R.T.: -0.007 min  
Response: 8885422  
Conc: 71.97 ng/ml



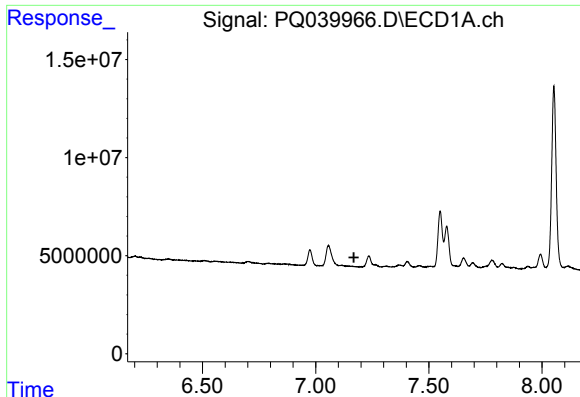
#17 AR-1242-2

R.T.: 7.056 min  
Delta R.T.: -0.042 min  
Response: 17506304  
Conc: 75.73 ng/ml



#17 AR-1242-2

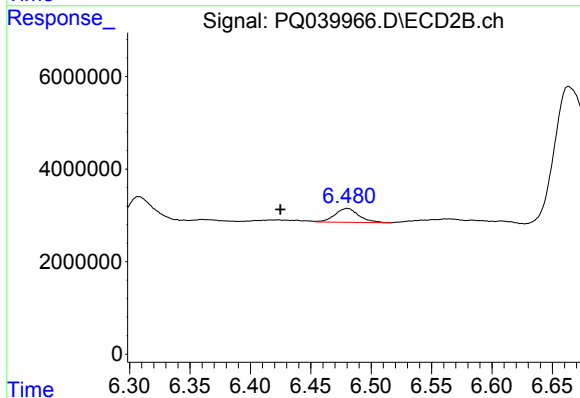
R.T.: 6.182 min  
Delta R.T.: -0.029 min  
Response: 8885422  
Conc: 50.50 ng/ml



#18 AR-1242-3

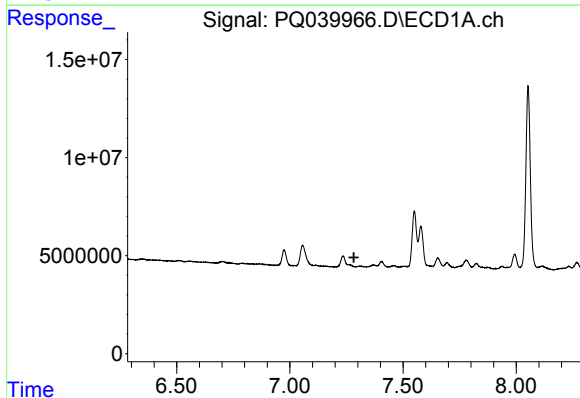
R.T.: 0.000 min  
Exp R.T.: 7.169 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



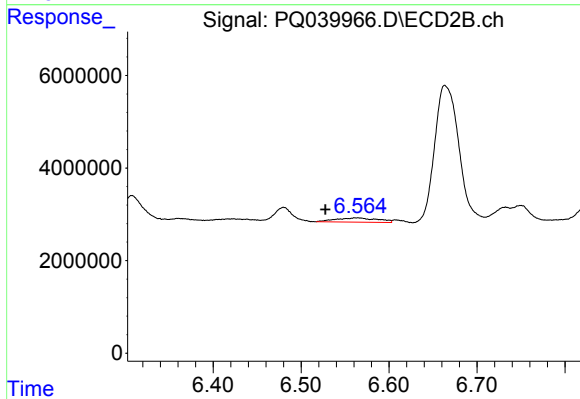
#18 AR-1242-3

R.T.: 6.480 min  
Delta R.T.: 0.055 min  
Response: 4098621  
Conc: 45.13 ng/ml



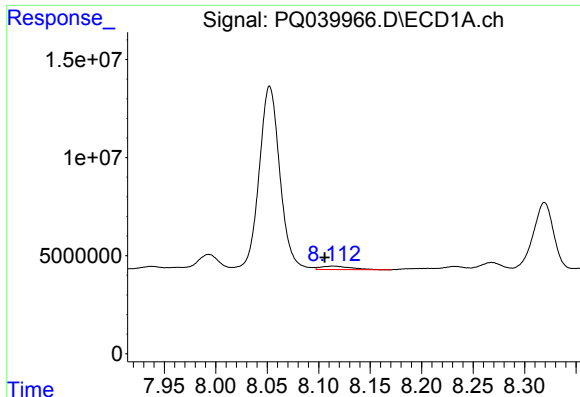
#19 AR-1242-4

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



#19 AR-1242-4

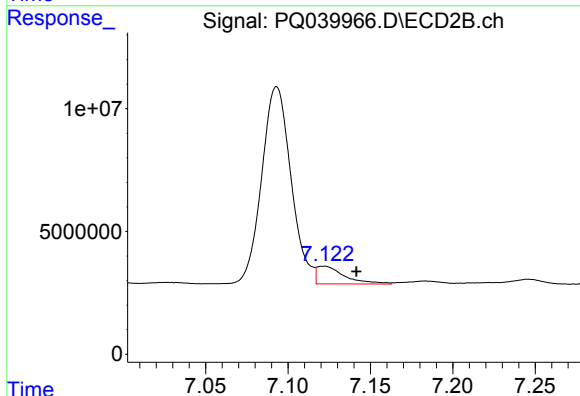
R.T.: 6.564 min  
Delta R.T.: 0.037 min  
Response: 3061290  
Conc: 36.17 ng/ml



#20 AR-1242-5

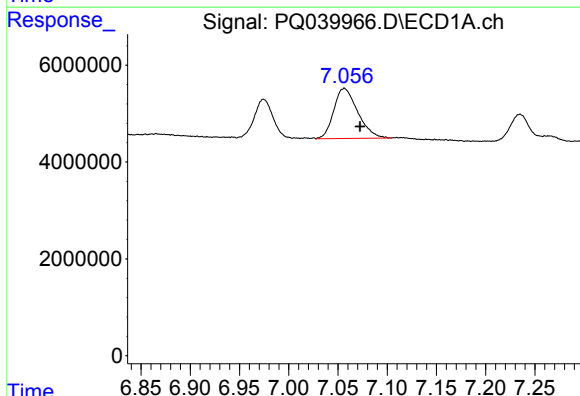
R.T.: 8.113 min  
Delta R.T.: 0.007 min  
Response: 3602461  
Conc: 29.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



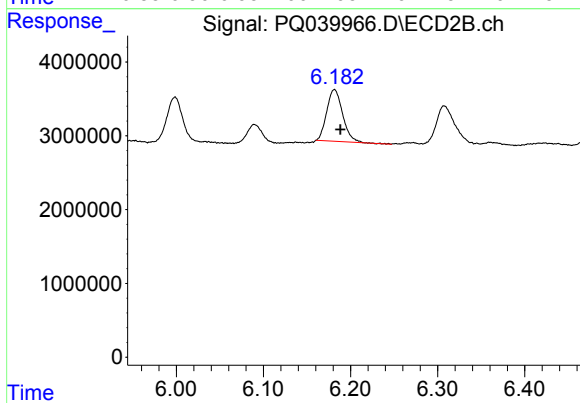
#20 AR-1242-5

R.T.: 7.122 min  
Delta R.T.: -0.020 min  
Response: 8466626  
Conc: 78.97 ng/ml



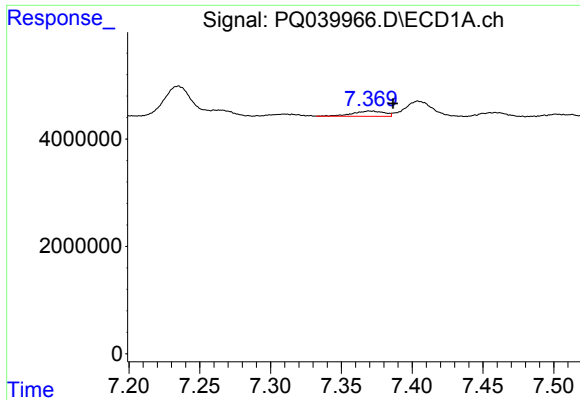
#21 AR-1248-1

R.T.: 7.056 min  
Delta R.T.: -0.016 min  
Response: 17506304  
Conc: 134.80 ng/ml



#21 AR-1248-1

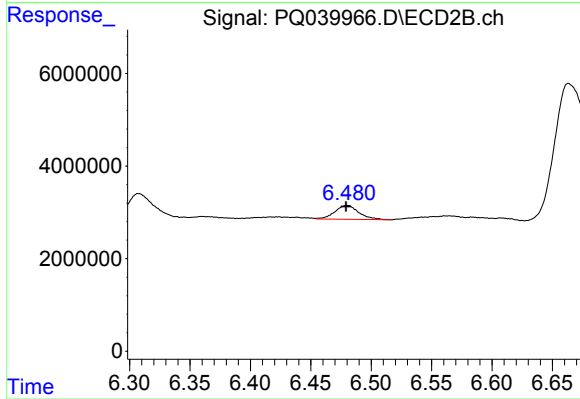
R.T.: 6.182 min  
Delta R.T.: -0.007 min  
Response: 8885422  
Conc: 87.93 ng/ml



#22 AR-1248-2

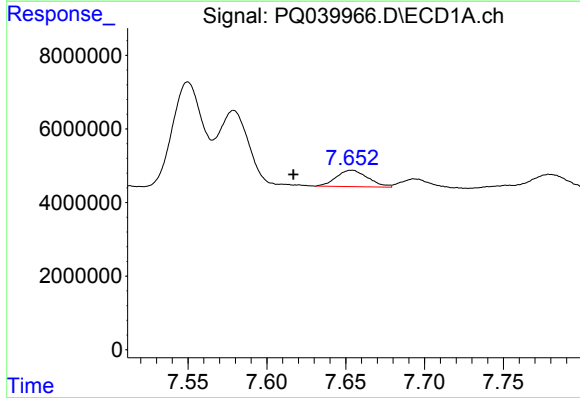
R.T.: 7.370 min  
Delta R.T.: -0.016 min  
Response: 1525874  
Conc: 9.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



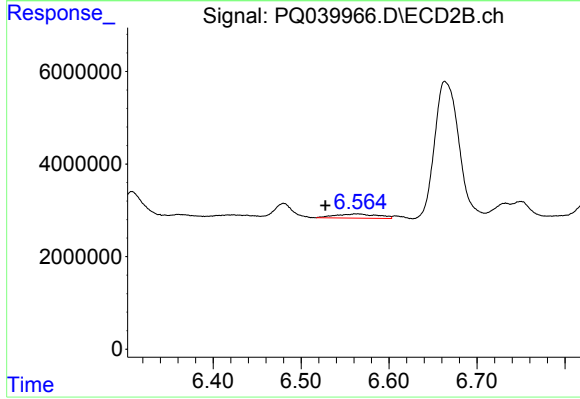
#22 AR-1248-2

R.T.: 6.480 min  
Delta R.T.: 0.001 min  
Response: 4098621  
Conc: 32.37 ng/ml



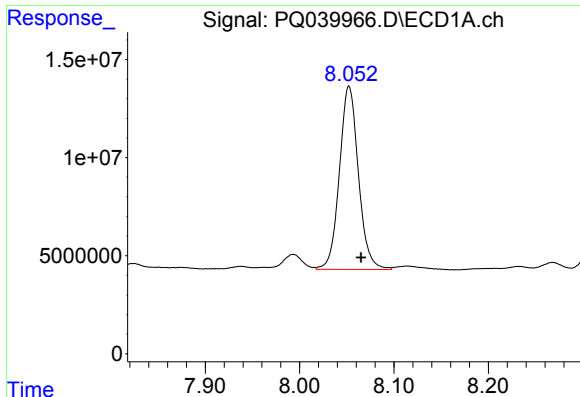
#23 AR-1248-3

R.T.: 7.654 min  
Delta R.T.: 0.037 min  
Response: 6210875  
Conc: 32.00 ng/ml



#23 AR-1248-3

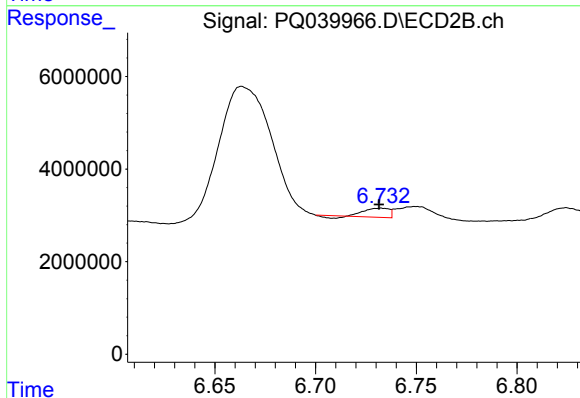
R.T.: 6.564 min  
Delta R.T.: 0.037 min  
Response: 3061290  
Conc: 23.08 ng/ml



#24 AR-1248-4

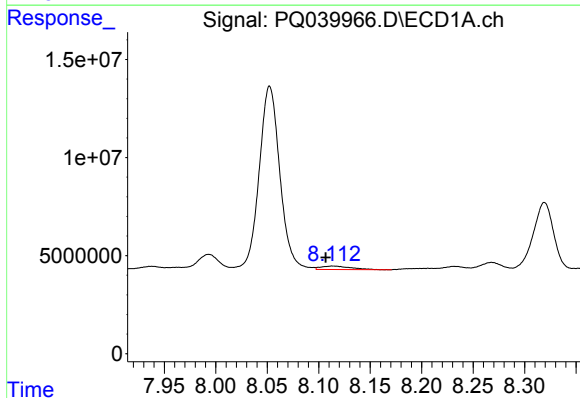
R.T.: 8.052 min  
Delta R.T.: -0.013 min  
Response: 130581741  
Conc: 605.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



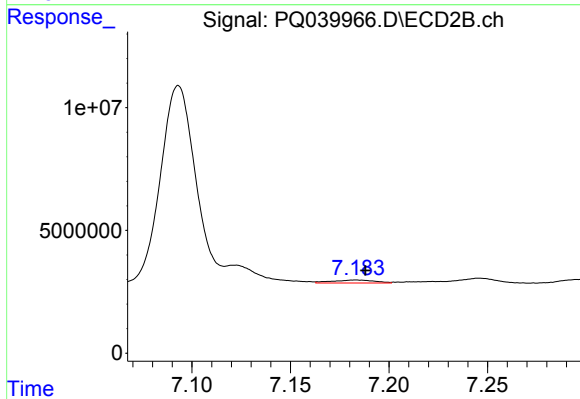
#24 AR-1248-4

R.T.: 6.733 min  
Delta R.T.: 0.001 min  
Response: 1452934  
Conc: 8.87 ng/ml



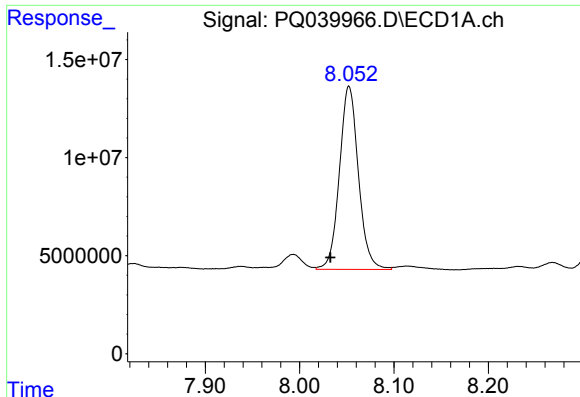
#25 AR-1248-5

R.T.: 8.113 min  
Delta R.T.: 0.006 min  
Response: 3602461  
Conc: 17.28 ng/ml



#25 AR-1248-5

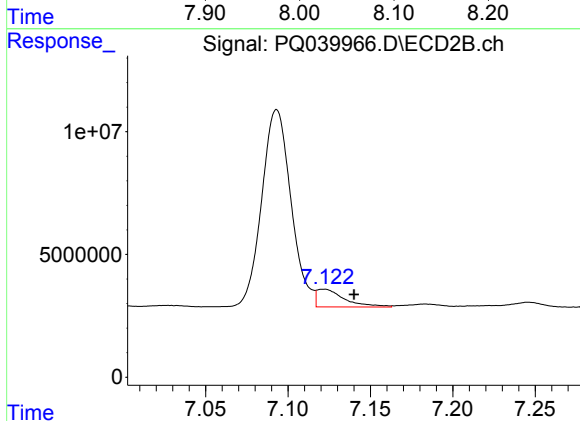
R.T.: 7.183 min  
Delta R.T.: -0.005 min  
Response: 1827910  
Conc: 11.28 ng/ml



#26 AR-1254-1

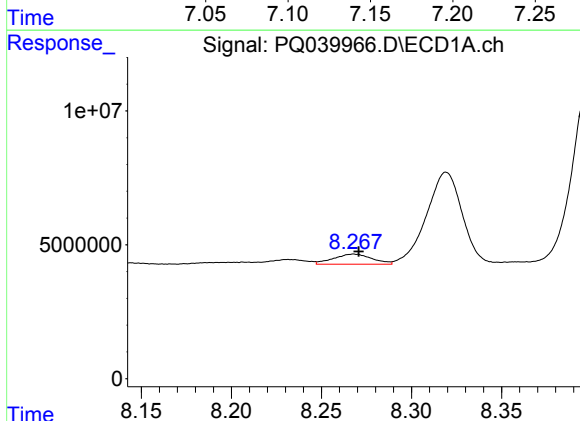
R.T.: 8.052 min  
Delta R.T.: 0.020 min  
Response: 130581741  
Conc: 565.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



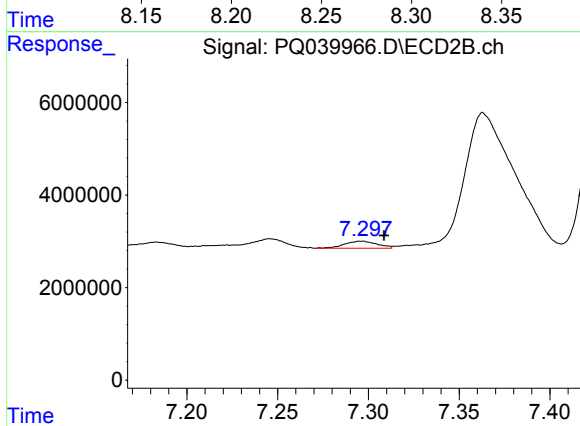
#26 AR-1254-1

R.T.: 7.122 min  
Delta R.T.: -0.018 min  
Response: 8466626  
Conc: 31.97 ng/ml



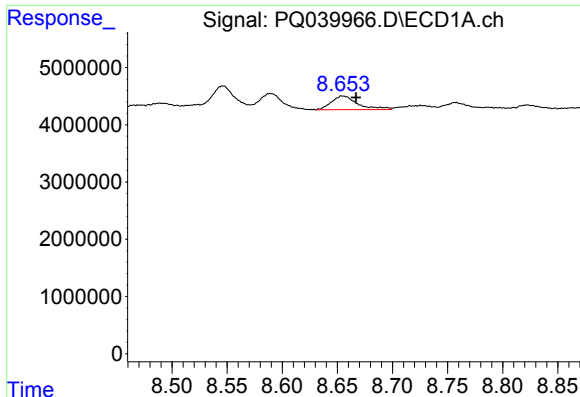
#27 AR-1254-2

R.T.: 8.268 min  
Delta R.T.: -0.003 min  
Response: 5645201  
Conc: 15.66 ng/ml



#27 AR-1254-2

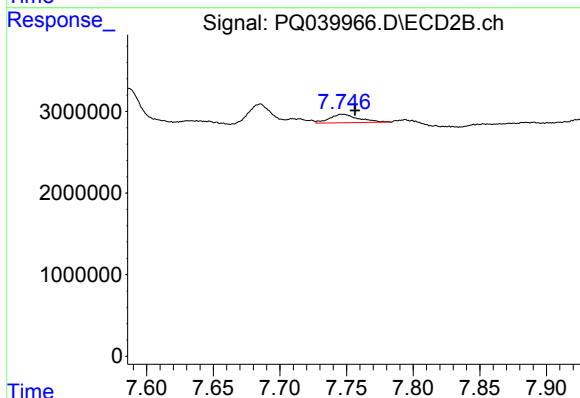
R.T.: 7.296 min  
Delta R.T.: -0.012 min  
Response: 1897679  
Conc: 8.31 ng/ml



#28 AR-1254-3

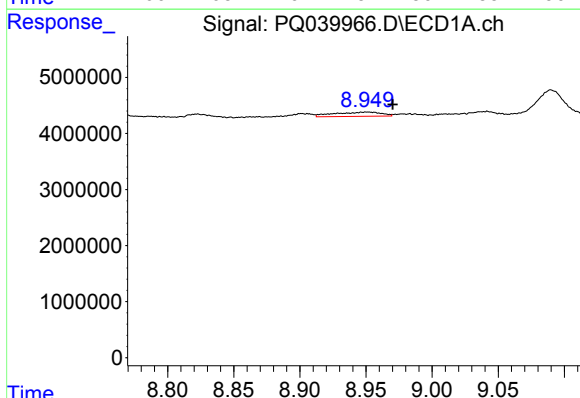
R.T.: 8.655 min  
Delta R.T.: -0.012 min  
Response: 3958097  
Conc: 10.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



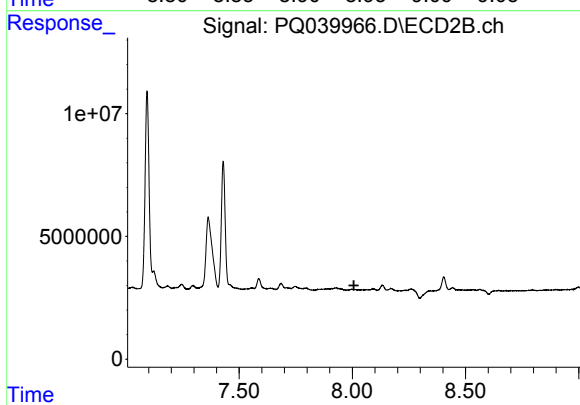
#28 AR-1254-3

R.T.: 7.747 min  
Delta R.T.: -0.009 min  
Response: 1570508  
Conc: 4.25 ng/ml



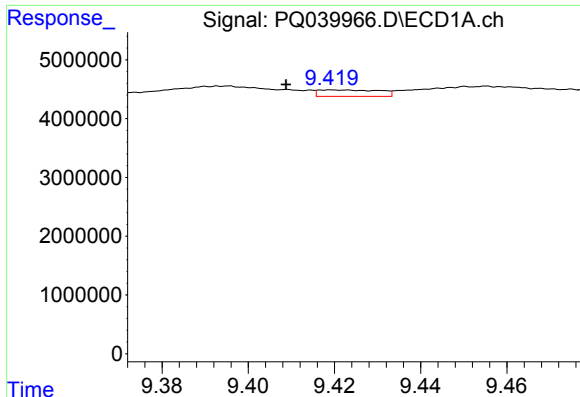
#29 AR-1254-4

R.T.: 8.951 min  
Delta R.T.: -0.019 min  
Response: 1888371  
Conc: 6.92 ng/ml



#29 AR-1254-4

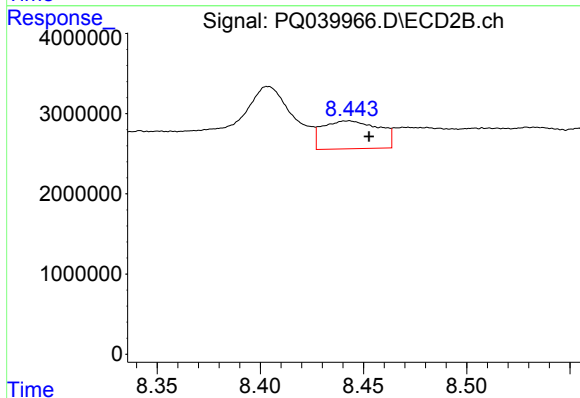
R.T.: 0.000 min  
Exp R.T.: 8.007 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

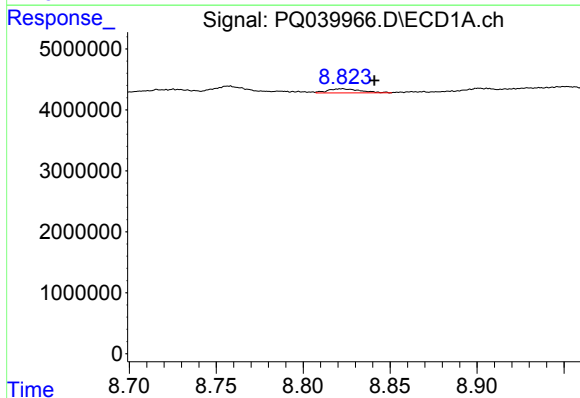
R.T.: 9.419 min  
Delta R.T.: 0.010 min  
Response: 1081457  
Conc: 3.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



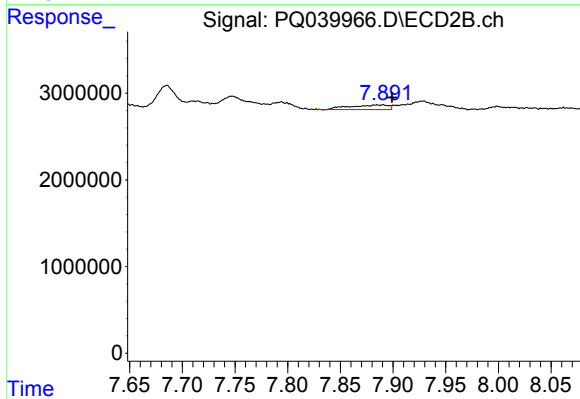
#30 AR-1254-5

R.T.: 8.443 min  
Delta R.T.: -0.010 min  
Response: 6625623  
Conc: 21.28 ng/ml



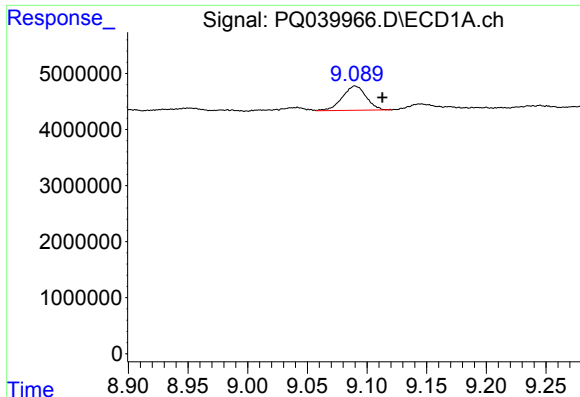
#31 AR-1260-1

R.T.: 8.822 min  
Delta R.T.: -0.019 min  
Response: 884509  
Conc: 1.98 ng/ml



#31 AR-1260-1

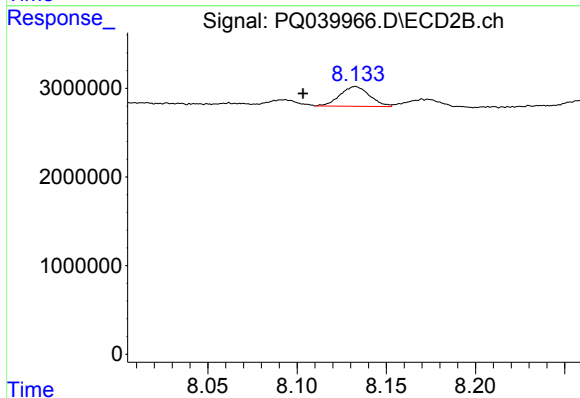
R.T.: 7.891 min  
Delta R.T.: -0.008 min  
Response: 1369789  
Conc: 3.72 ng/ml



#32 AR-1260-2

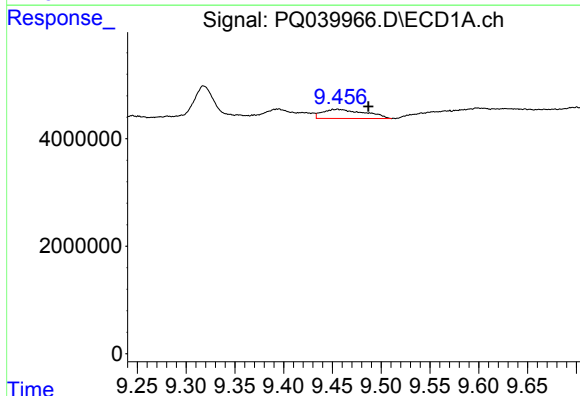
R.T.: 9.090 min  
Delta R.T.: -0.023 min  
Response: 5996579  
Conc: 11.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



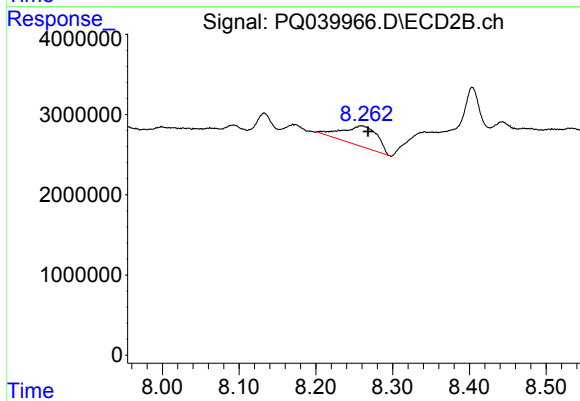
#32 AR-1260-2

R.T.: 8.133 min  
Delta R.T.: 0.029 min  
Response: 2562152  
Conc: 5.63 ng/ml



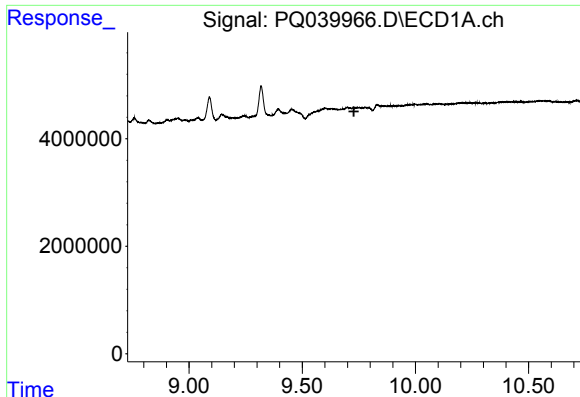
#33 AR-1260-3

R.T.: 9.455 min  
Delta R.T.: -0.031 min  
Response: 5112597  
Conc: 12.74 ng/ml



#33 AR-1260-3

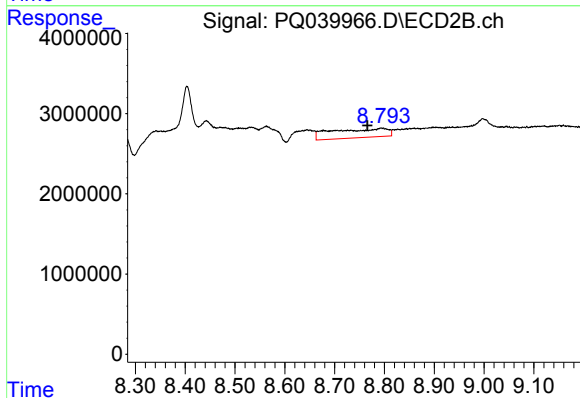
R.T.: 8.259 min  
Delta R.T.: -0.009 min  
Response: 7986195  
Conc: 19.01 ng/ml



#34 AR-1260-4

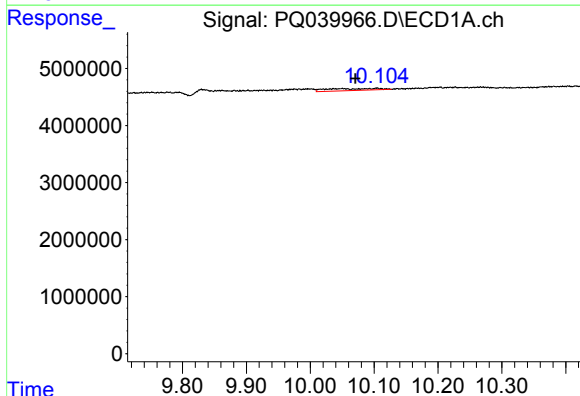
R.T.: 0.000 min  
Exp R.T.: 9.728 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



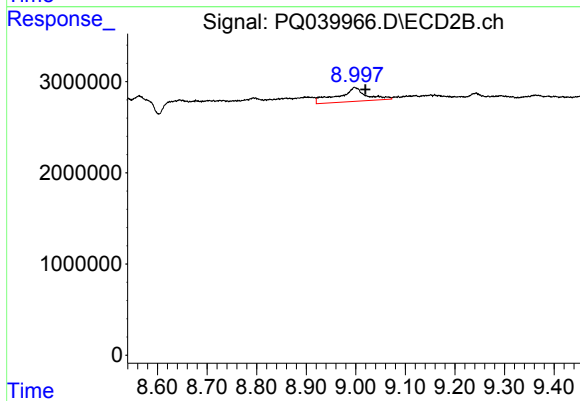
#34 AR-1260-4

R.T.: 8.793 min  
Delta R.T.: 0.028 min  
Response: 8685351  
Conc: 26.24 ng/ml



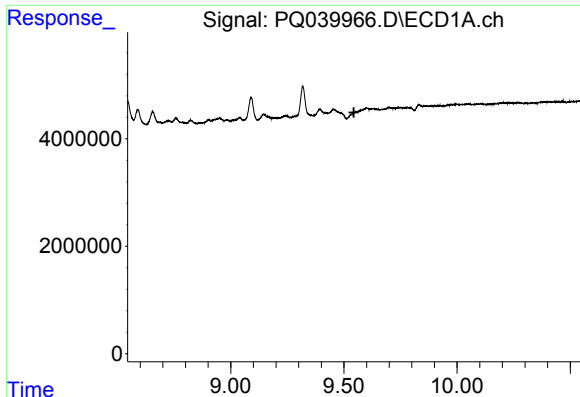
#35 AR-1260-5

R.T.: 10.104 min  
Delta R.T.: 0.034 min  
Response: 1940497  
Conc: 2.01 ng/ml



#35 AR-1260-5

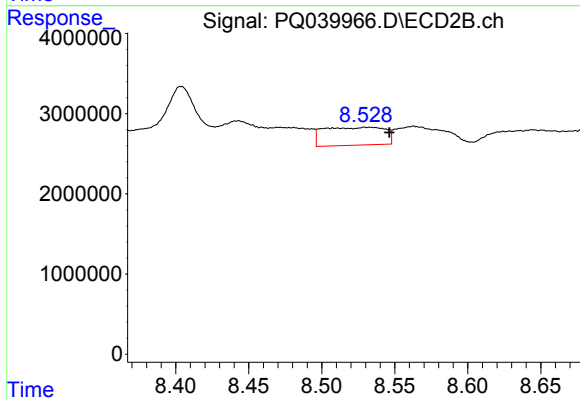
R.T.: 8.997 min  
Delta R.T.: -0.022 min  
Response: 6126667  
Conc: 7.47 ng/ml



#36 AR-1262-1

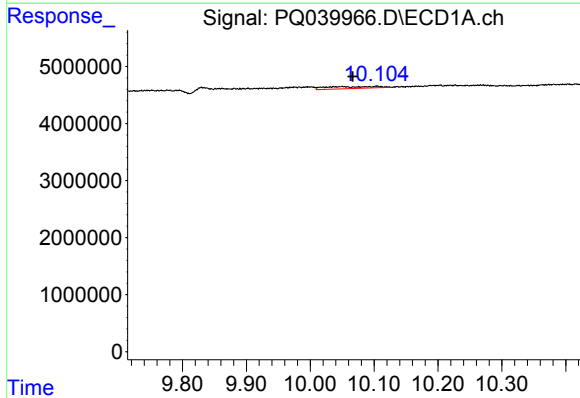
R.T.: 0.000 min  
Exp R.T.: 9.544 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



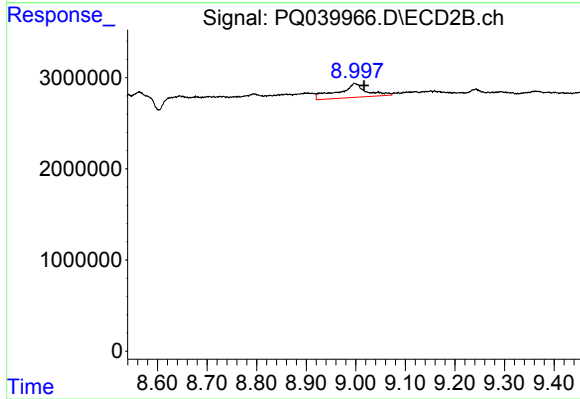
#36 AR-1262-1

R.T.: 8.533 min  
Delta R.T.: -0.013 min  
Response: 6549540  
Conc: 49.00 ng/ml



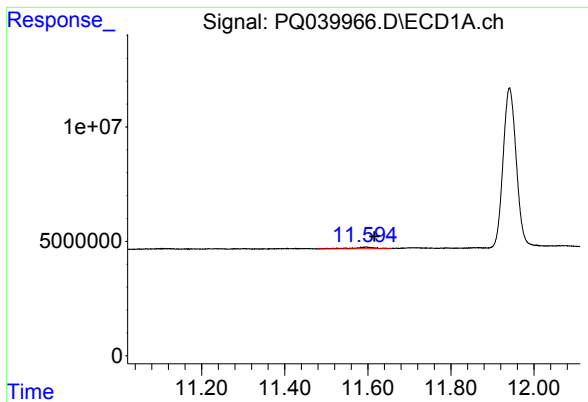
#37 AR-1262-2

R.T.: 10.104 min  
Delta R.T.: 0.038 min  
Response: 1940497  
Conc: 2.87 ng/ml



#37 AR-1262-2

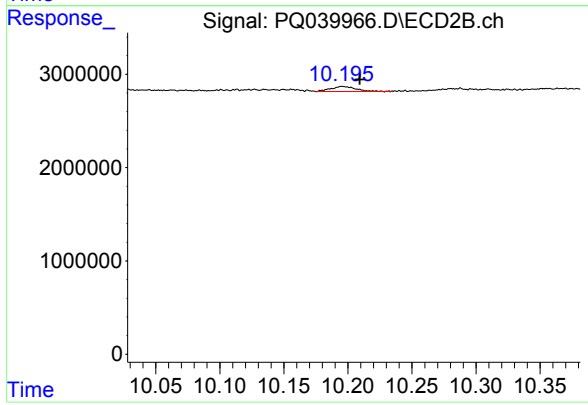
R.T.: 8.997 min  
Delta R.T.: -0.019 min  
Response: 6126667  
Conc: 10.23 ng/ml



#45 AR-1268-5

R.T.: 11.595 min  
Delta R.T.: -0.021 min  
Response: 2455961  
Conc: 0.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMB4



#45 AR-1268-5

R.T.: 10.196 min  
Delta R.T.: -0.013 min  
Response: 739675  
Conc: 0.30 ng/ml