

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092319\  
 Data File : PQ043765.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2019 13:17  
 Operator : SM\AJ  
 Sample : MDL-AR162-W-6  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 MDL-AR162-W-6

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 13:50:42 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ091719CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Sep 19 00:01:44 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... | 5.230  | 4.409 | 21099965 | 10947016 | 9.864   | 11.942    |
| 2)                          | SA Decachlor... | 11.399 | 9.862 | 282.2E6  | 97046836 | 36.013  | 31.763    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.971 | 0        | 1569597  | N.D.    | 55.810 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.971 | 0        | 1569597  | N.D.    | 66.893 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.128 | 0        | 2522657  | N.D.    | 78.829 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.971 | 0        | 1569597  | N.D.    | 123.767 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.971 | 0        | 1569597  | N.D.    | 140.438 # |
| 15)                         | L3 AR-1232-5    | 6.875  | 6.128 | 1319309  | 2522657  | 52.910  | 186.975 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.971 | 0        | 1569597  | N.D.    | 64.758 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.971 | 0        | 1569597  | N.D.    | 64.484 #  |
| 20)                         | L4 AR-1242-5    | 7.460  | 6.603 | 11580460 | 9480938  | 126.521 | 270.243 # |
| 22)                         | L5 AR-1248-2    | 6.875  | 5.971 | 1319309  | 1569597  | 12.987  | 41.698 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.971 | 0        | 1569597  | N.D.    | 40.802 #  |
| 24)                         | L5 AR-1248-4    | 7.460  | 6.128 | 11580460 | 2522657  | 72.393  | 53.597 #  |
| 25)                         | L5 AR-1248-5    | 7.460  | 6.603 | 11580460 | 9480938  | 74.184  | 180.068 # |
| 26)                         | L6 AR-1254-1    | 7.460  | 6.603 | 11580460 | 9480938  | 69.426  | 109.224 # |
| 27)                         | L6 AR-1254-2    | 7.686  | 6.730 | 14283085 | 6725533  | 49.308  | 83.990 #  |
| 28)                         | L6 AR-1254-3    | 8.079  | 7.175 | 11840240 | 3498466  | 35.085  | 25.088 #  |
| 29)                         | L6 AR-1254-4    | 8.359  | 7.427 | 17652759 | 1971637  | 60.339  | 20.562 #  |
| 30)                         | L6 AR-1254-5    | 8.793  | 7.831 | 26895973 | 1480062  | 73.102  | 10.388 #  |
| 31)                         | L7 AR-1260-1    | 8.248  | 7.296 | 8878843  | 4351762  | 46.656  | 62.227 #  |
| 32)                         | L7 AR-1260-2    | 8.503  | 7.488 | 13426444 | 3412920  | 54.933  | 37.868 #  |
| 33)                         | L7 AR-1260-3    | 8.872  | 7.655 | 15454263 | 1887997  | 77.511  | 21.871 #  |
| 34)                         | L7 AR-1260-4    | 9.112  | 8.139 | 25030898 | 2745626  | 99.649  | 35.258 #  |
| 35)                         | L7 AR-1260-5    | 9.455  | 8.385 | 23283684 | 6129853  | 41.127  | 29.040 #  |
| 36)                         | L8 AR-1262-1    | 8.872  | 7.925 | 15454263 | 1185758  | 47.351  | 23.802 #  |
| 37)                         | L8 AR-1262-2    | 9.455  | 8.385 | 23283684 | 6129853  | 31.880  | 23.384 #  |
| 38)                         | L8 AR-1262-3    | 9.789  | 8.676 | 24224753 | 4666045  | 45.334  | 37.750    |
| 39)                         | L8 AR-1262-4    | 9.882  | 8.741 | 21571694 | 6097598  | 52.784  | 25.234 #  |
| 40)                         | L8 AR-1262-5    | 10.591 | 9.263 | 12125348 | 3307848  | 34.334  | 21.996 #  |
| 41)                         | L9 AR-1268-1    | 9.789  | 8.676 | 24224753 | 4666045  | 24.479  | 12.206 #  |
| 42)                         | L9 AR-1268-2    | 9.882  | 8.741 | 21571694 | 6097598  | 22.748  | 16.595 #  |
| 43)                         | L9 AR-1268-3    | 10.133 | 8.956 | 6287781  | 970227   | 7.919   | 2.952 #   |
| 44)                         | L9 AR-1268-4    | 10.591 | 9.263 | 12125348 | 3307848  | 27.158  | 18.422 #  |
| 45)                         | L9 AR-1268-5    | 11.036 | 9.581 | 6744480  | 2585043  | 2.022   | 1.939     |
| -----                       |                 |        |       |          |          |         |           |

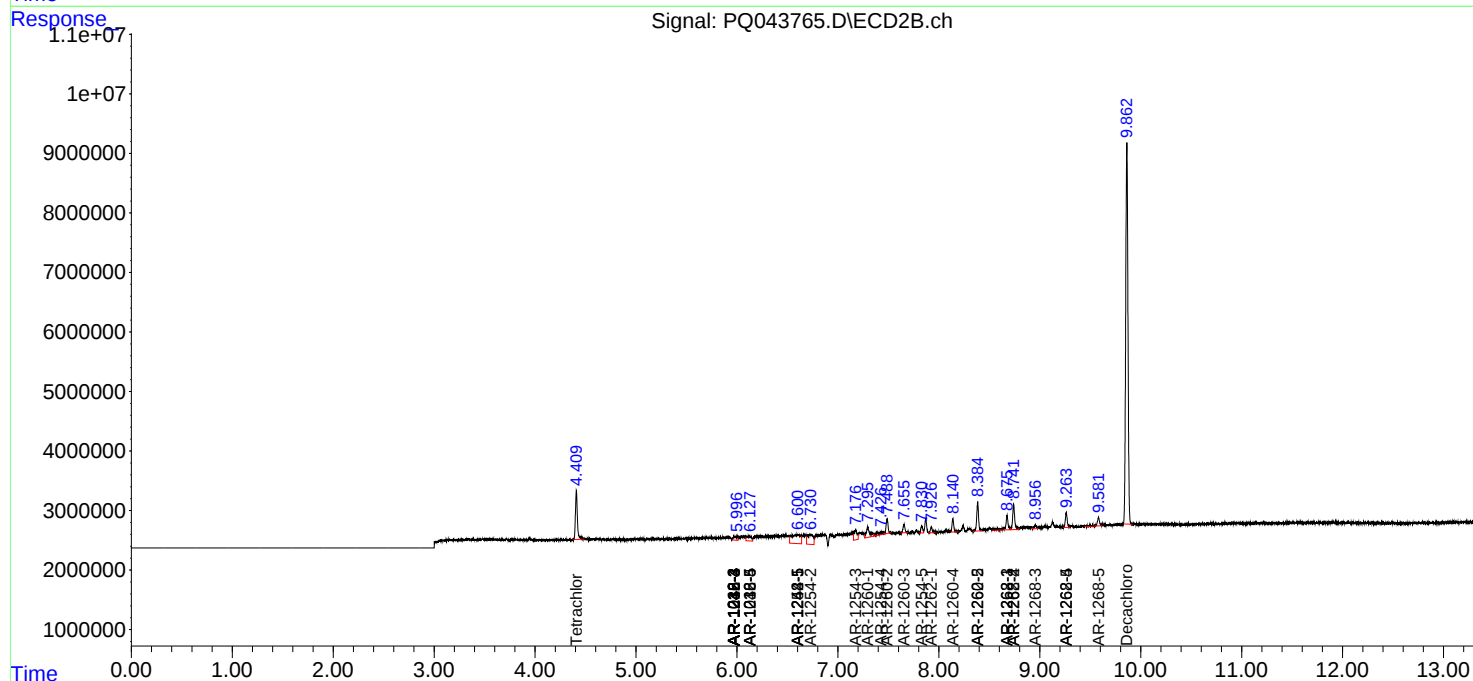
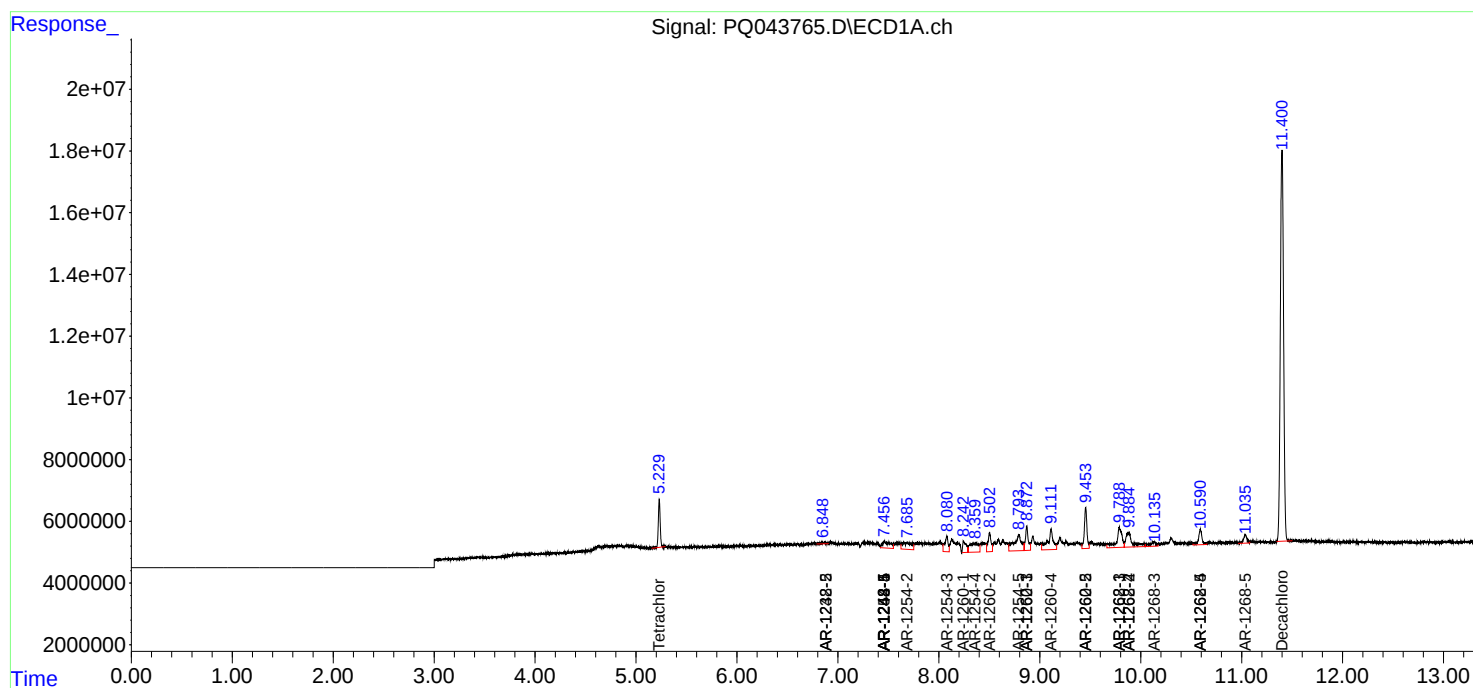
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

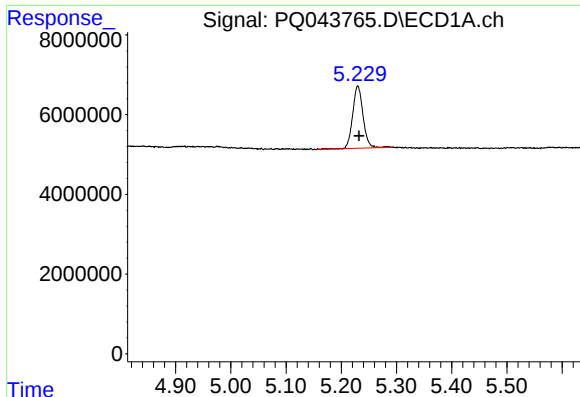
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092319\  
Data File : PQ043765.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2019 13:17  
Operator : SM\AJ  
Sample : MDL-AR162-W-6  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 13:50:42 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ091719CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Sep 19 00:01:44 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

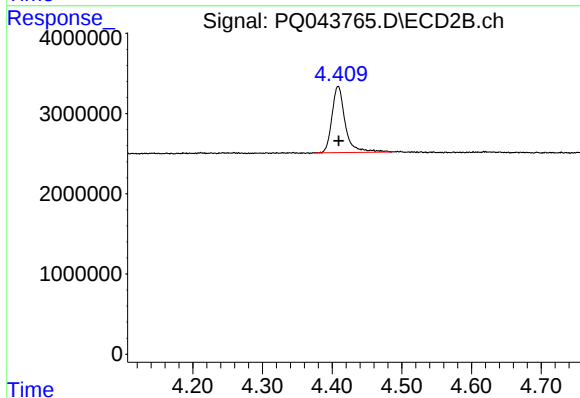




#1 Tetrachloro-m-xylene

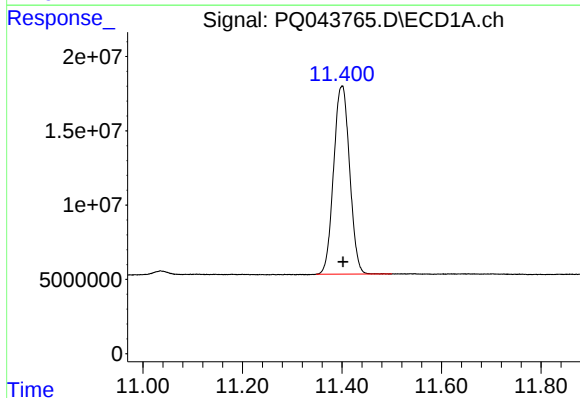
R.T.: 5.230 min  
Delta R.T.: -0.002 min  
Response: 21099965  
Conc: 9.86 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



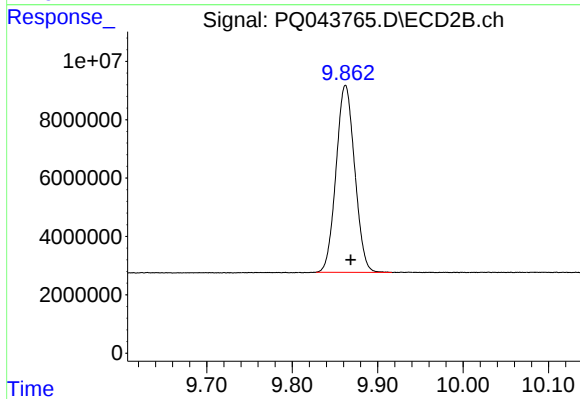
#1 Tetrachloro-m-xylene

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 10947016  
Conc: 11.94 ng/ml



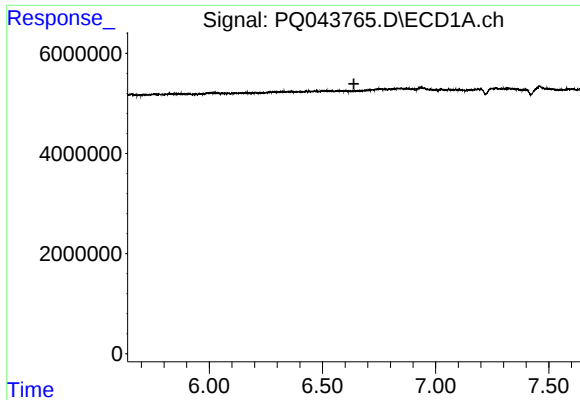
#2 Decachlorobiphenyl

R.T.: 11.399 min  
Delta R.T.: -0.003 min  
Response: 282242920  
Conc: 36.01 ng/ml



#2 Decachlorobiphenyl

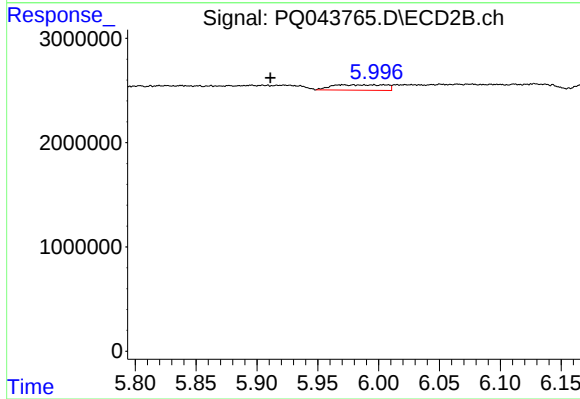
R.T.: 9.862 min  
Delta R.T.: -0.006 min  
Response: 97046836  
Conc: 31.76 ng/ml



#5 AR-1016-3

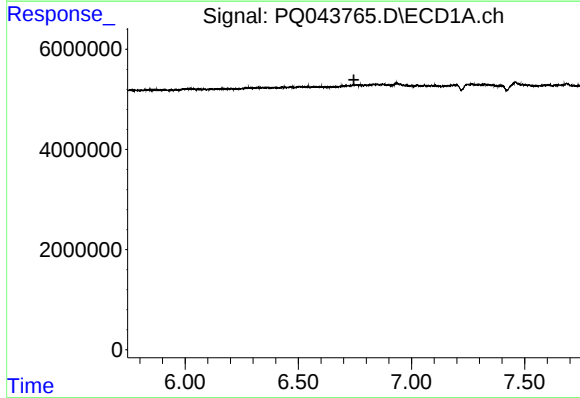
R.T.: 0.000 min  
Exp R.T.: 6.639 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



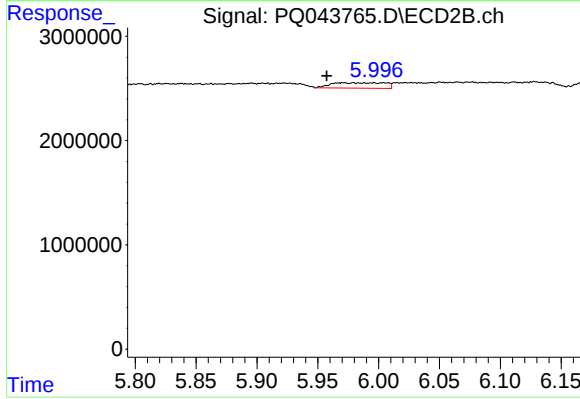
#5 AR-1016-3

R.T.: 5.971 min  
Delta R.T.: 0.060 min  
Response: 1569597  
Conc: 55.81 ng/ml



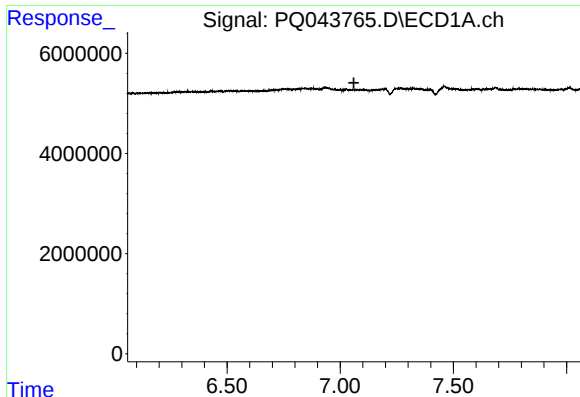
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.746 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

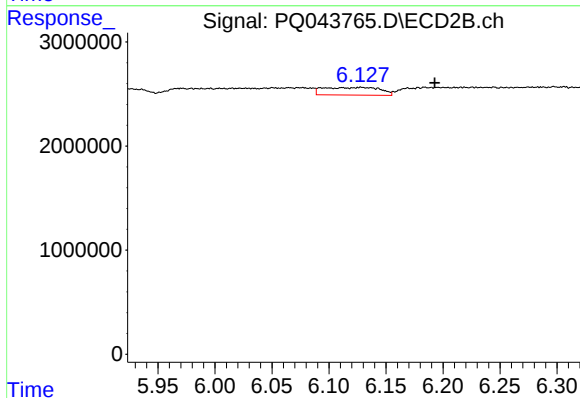
R.T.: 5.971 min  
Delta R.T.: 0.014 min  
Response: 1569597  
Conc: 66.89 ng/ml



#7 AR-1016-5

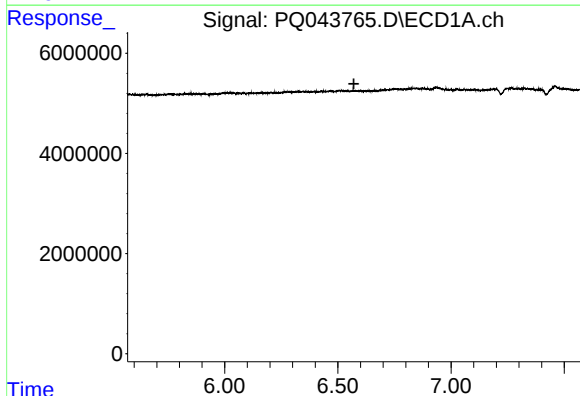
R.T.: 0.000 min  
Exp R.T.: 7.060 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



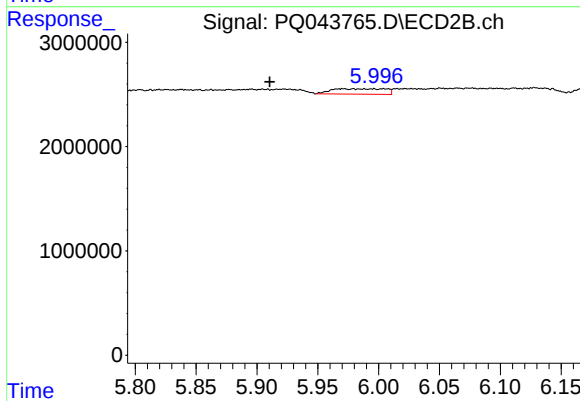
#7 AR-1016-5

R.T.: 6.128 min  
Delta R.T.: -0.065 min  
Response: 2522657  
Conc: 78.83 ng/ml



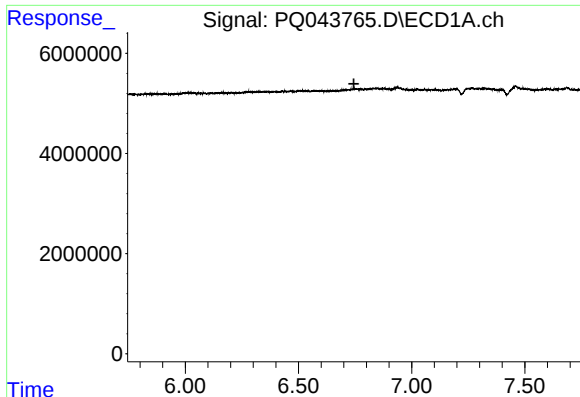
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 6.571 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

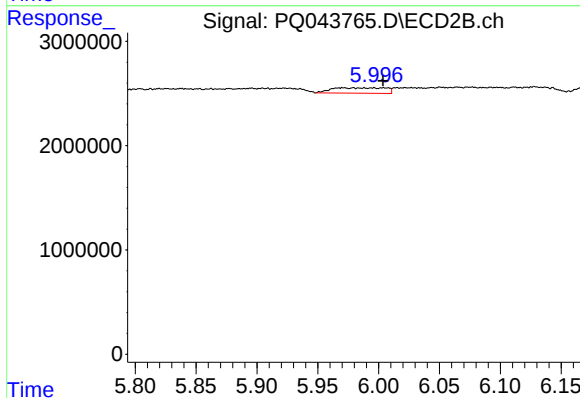
R.T.: 5.971 min  
Delta R.T.: 0.060 min  
Response: 1569597  
Conc: 123.77 ng/ml



#14 AR-1232-4

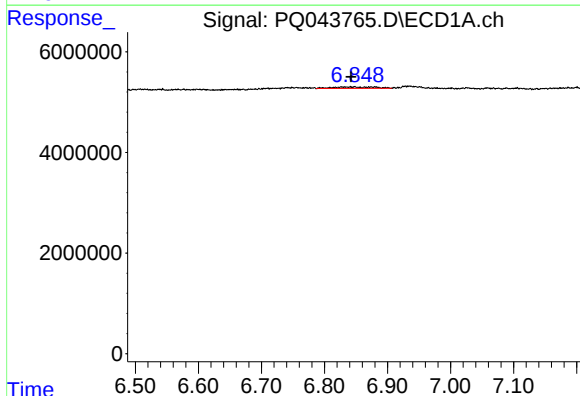
R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



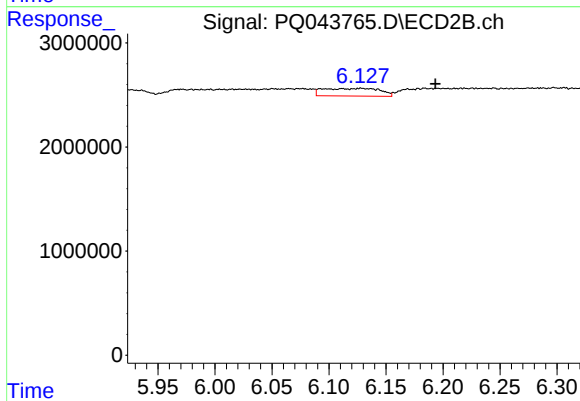
#14 AR-1232-4

R.T.: 5.971 min  
Delta R.T.: -0.032 min  
Response: 1569597  
Conc: 140.44 ng/ml



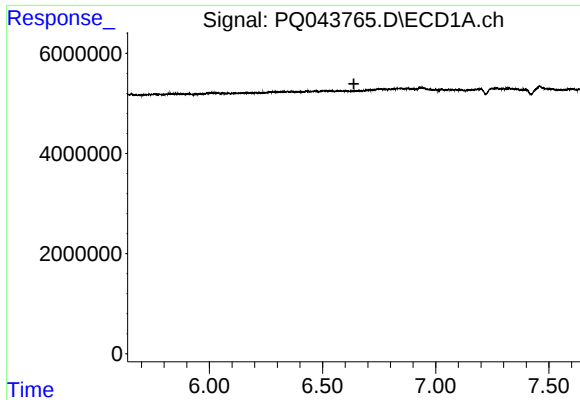
#15 AR-1232-5

R.T.: 6.875 min  
Delta R.T.: 0.033 min  
Response: 1319309  
Conc: 52.91 ng/ml



#15 AR-1232-5

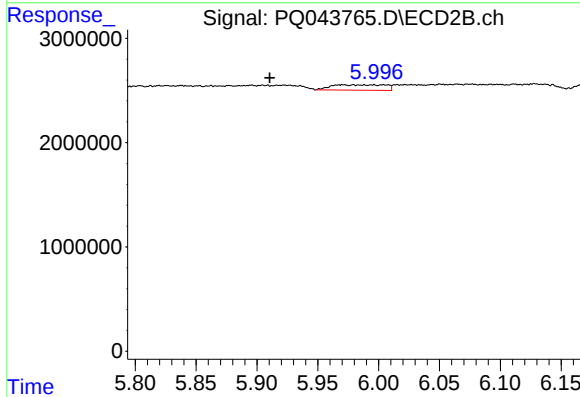
R.T.: 6.128 min  
Delta R.T.: -0.065 min  
Response: 2522657  
Conc: 186.98 ng/ml



#18 AR-1242-3

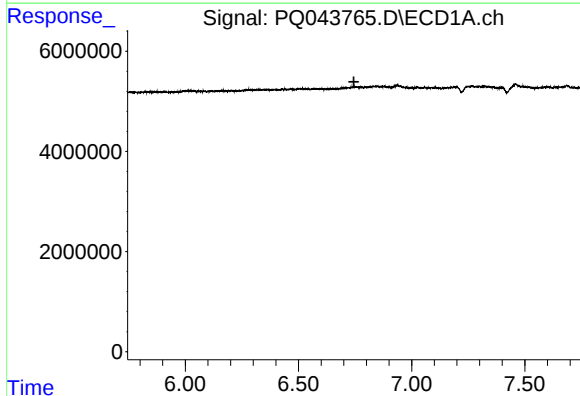
R.T.: 0.000 min  
Exp R.T.: 6.638 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



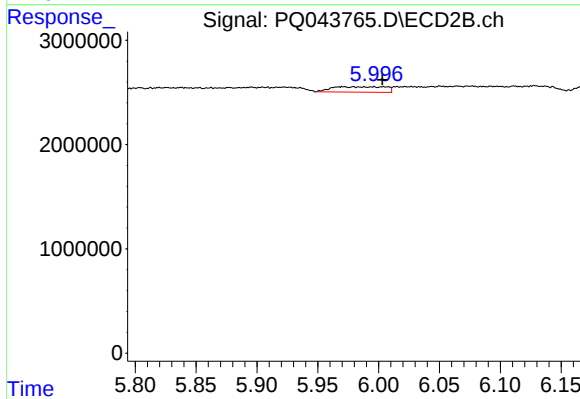
#18 AR-1242-3

R.T.: 5.971 min  
Delta R.T.: 0.060 min  
Response: 1569597  
Conc: 64.76 ng/ml



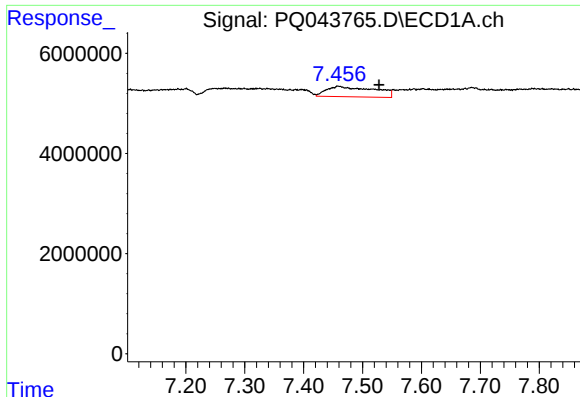
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

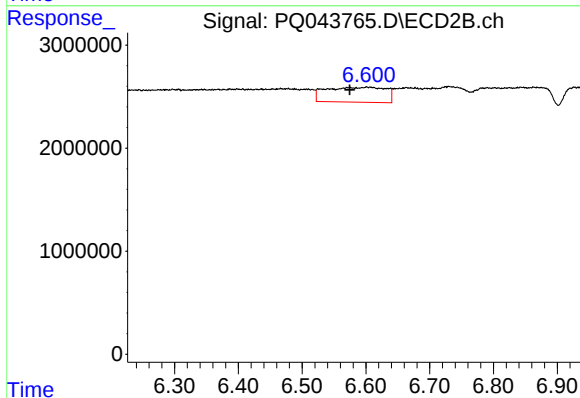
R.T.: 5.971 min  
Delta R.T.: -0.032 min  
Response: 1569597  
Conc: 64.48 ng/ml



#20 AR-1242-5

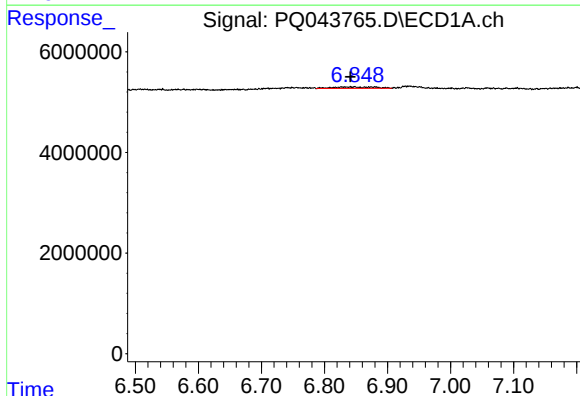
R.T.: 7.460 min  
Delta R.T.: -0.068 min  
Response: 11580460  
Conc: 126.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



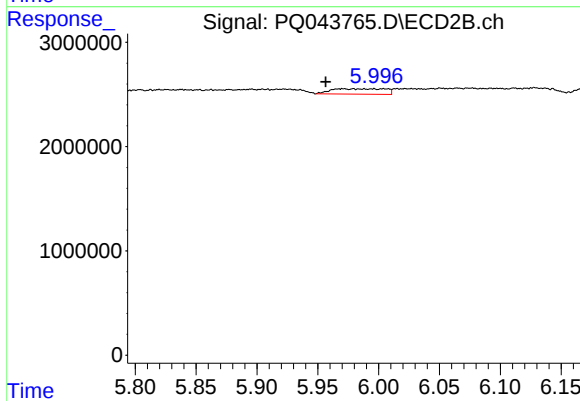
#20 AR-1242-5

R.T.: 6.603 min  
Delta R.T.: 0.028 min  
Response: 9480938  
Conc: 270.24 ng/ml



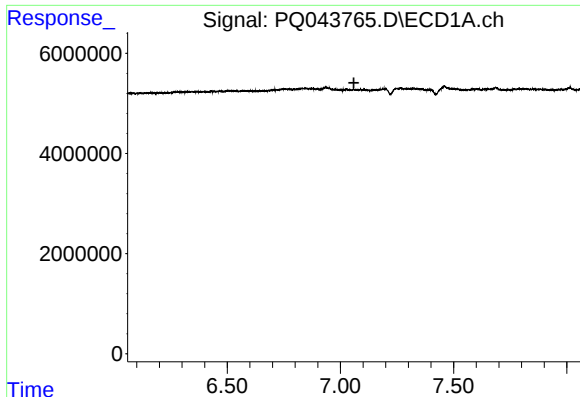
#22 AR-1248-2

R.T.: 6.875 min  
Delta R.T.: 0.034 min  
Response: 1319309  
Conc: 12.99 ng/ml



#22 AR-1248-2

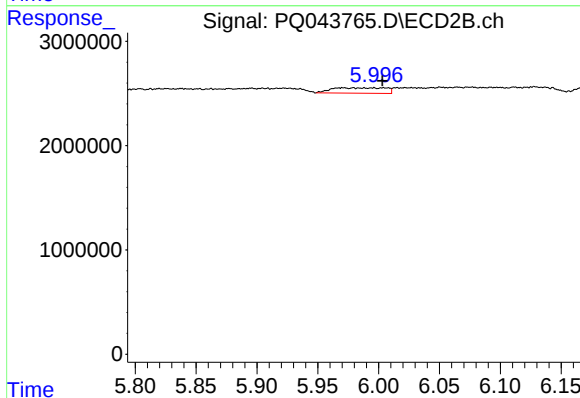
R.T.: 5.971 min  
Delta R.T.: 0.015 min  
Response: 1569597  
Conc: 41.70 ng/ml



#23 AR-1248-3

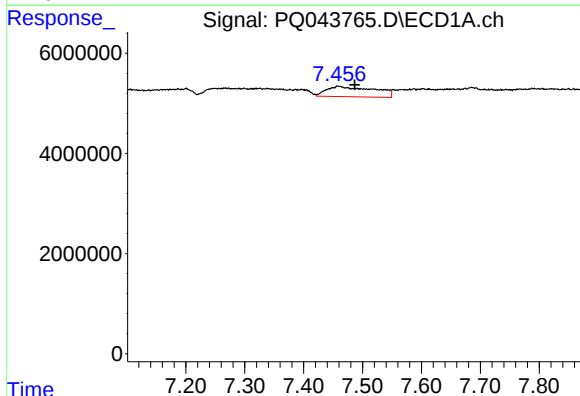
R.T.: 0.000 min  
Exp R.T.: 7.059 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



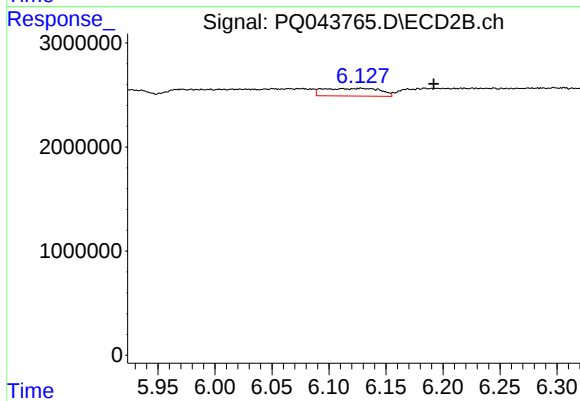
#23 AR-1248-3

R.T.: 5.971 min  
Delta R.T.: -0.032 min  
Response: 1569597  
Conc: 40.80 ng/ml



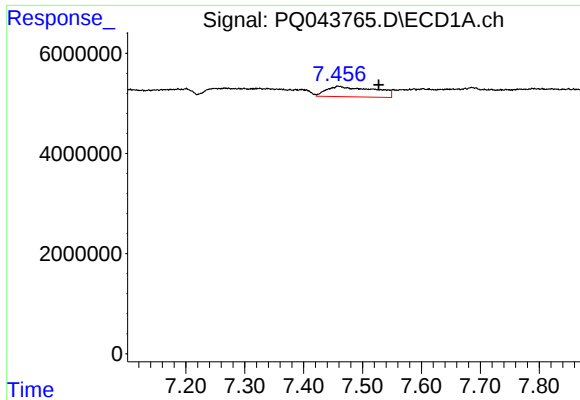
#24 AR-1248-4

R.T.: 7.460 min  
Delta R.T.: -0.027 min  
Response: 11580460  
Conc: 72.39 ng/ml



#24 AR-1248-4

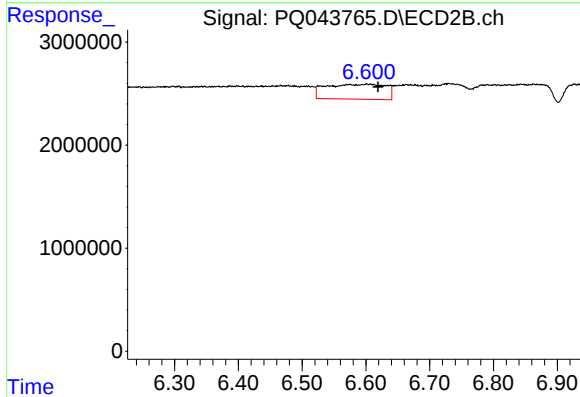
R.T.: 6.128 min  
Delta R.T.: -0.064 min  
Response: 2522657  
Conc: 53.60 ng/ml



#25 AR-1248-5

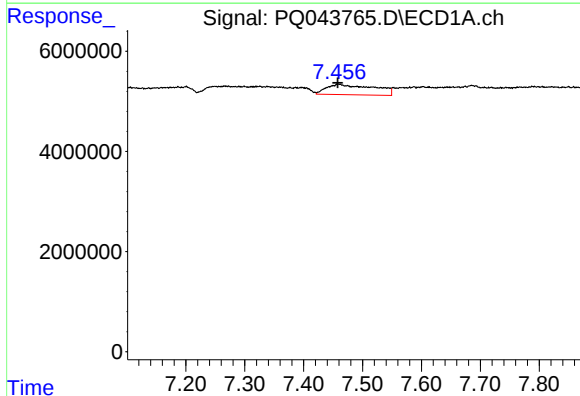
R.T.: 7.460 min  
Delta R.T.: -0.068 min  
Response: 11580460  
Conc: 74.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



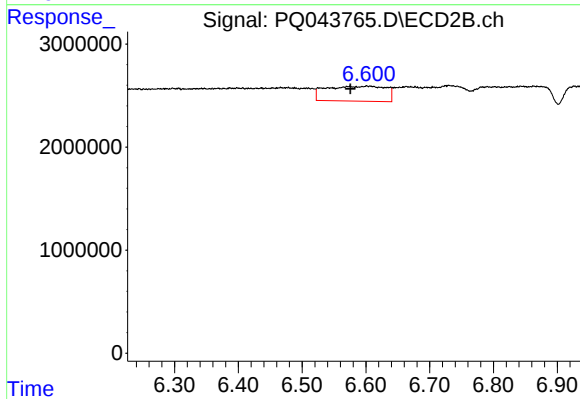
#25 AR-1248-5

R.T.: 6.603 min  
Delta R.T.: -0.016 min  
Response: 9480938  
Conc: 180.07 ng/ml



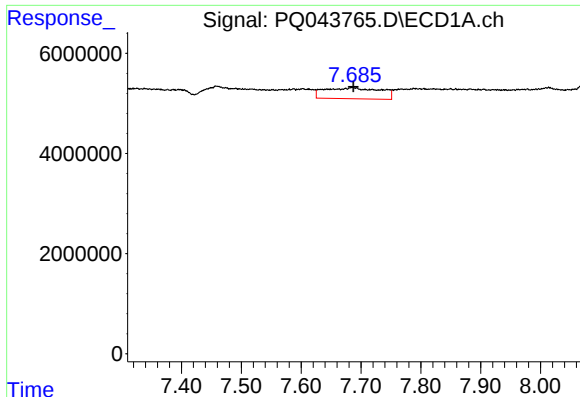
#26 AR-1254-1

R.T.: 7.460 min  
Delta R.T.: 0.002 min  
Response: 11580460  
Conc: 69.43 ng/ml



#26 AR-1254-1

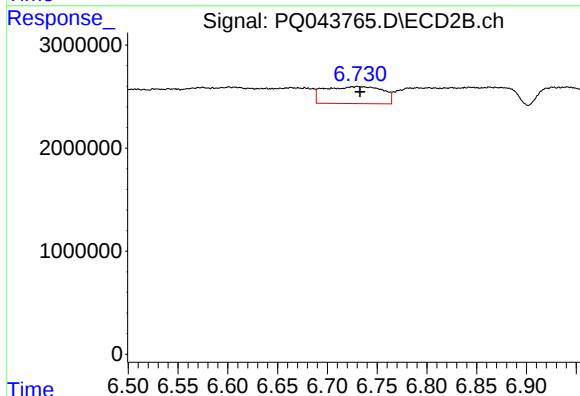
R.T.: 6.603 min  
Delta R.T.: 0.027 min  
Response: 9480938  
Conc: 109.22 ng/ml



#27 AR-1254-2

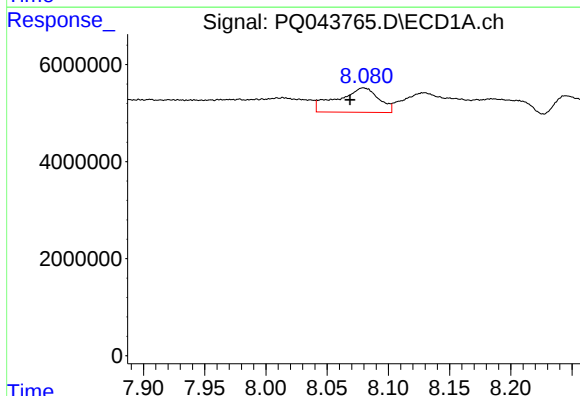
R.T.: 7.686 min  
Delta R.T.: -0.001 min  
Response: 14283085  
Conc: 49.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



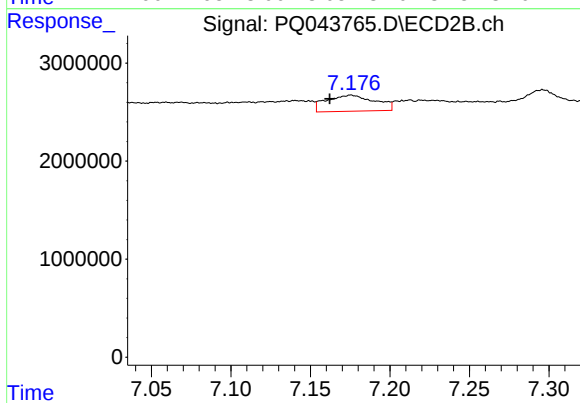
#27 AR-1254-2

R.T.: 6.730 min  
Delta R.T.: -0.003 min  
Response: 6725533  
Conc: 83.99 ng/ml



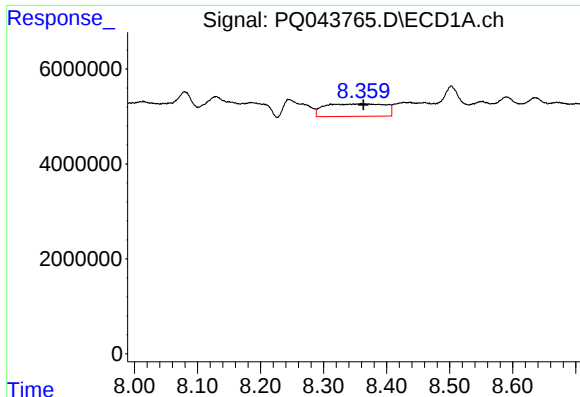
#28 AR-1254-3

R.T.: 8.079 min  
Delta R.T.: 0.011 min  
Response: 11840240  
Conc: 35.08 ng/ml



#28 AR-1254-3

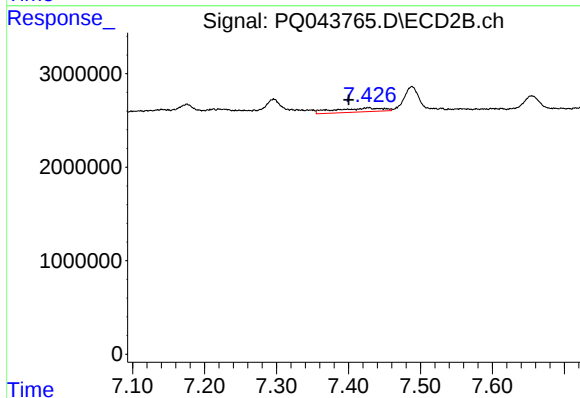
R.T.: 7.175 min  
Delta R.T.: 0.013 min  
Response: 3498466  
Conc: 25.09 ng/ml



#29 AR-1254-4

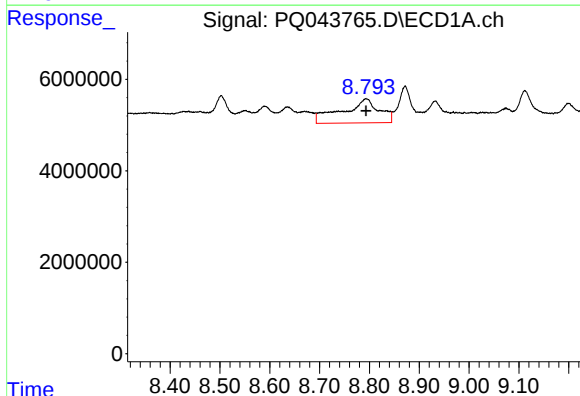
R.T.: 8.359 min  
Delta R.T.: -0.004 min  
Response: 17652759  
Conc: 60.34 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



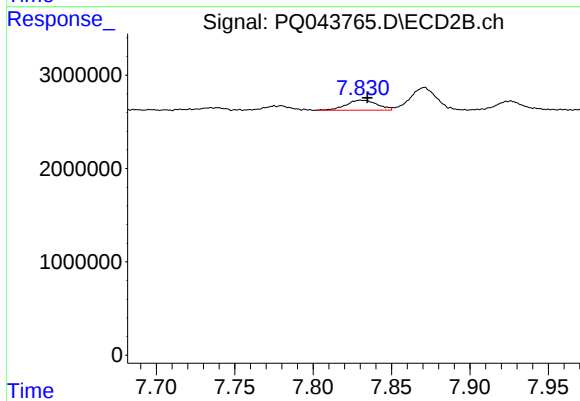
#29 AR-1254-4

R.T.: 7.427 min  
Delta R.T.: 0.027 min  
Response: 1971637  
Conc: 20.56 ng/ml



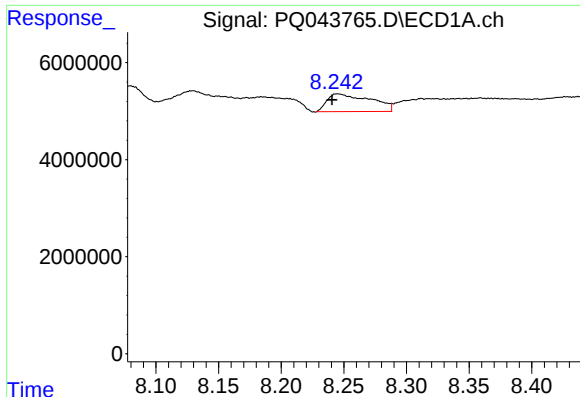
#30 AR-1254-5

R.T.: 8.793 min  
Delta R.T.: 0.000 min  
Response: 26895973  
Conc: 73.10 ng/ml



#30 AR-1254-5

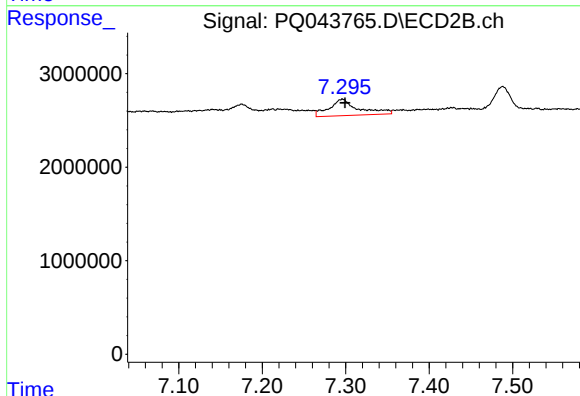
R.T.: 7.831 min  
Delta R.T.: -0.003 min  
Response: 1480062  
Conc: 10.39 ng/ml



#31 AR-1260-1

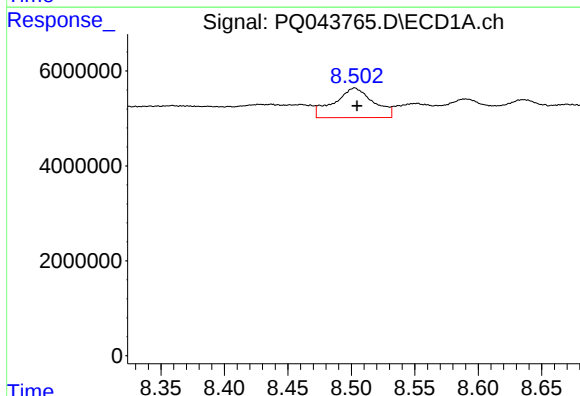
R.T.: 8.248 min  
Delta R.T.: 0.008 min  
Response: 8878843  
Conc: 46.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



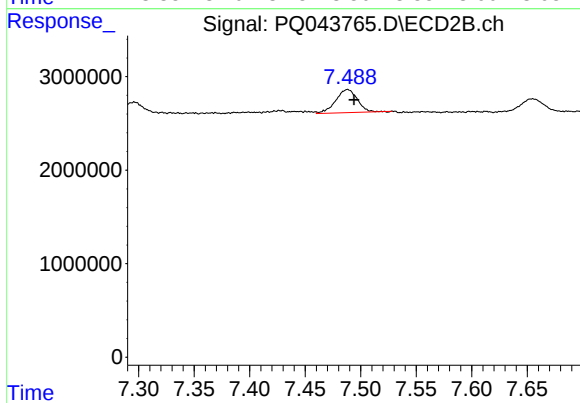
#31 AR-1260-1

R.T.: 7.296 min  
Delta R.T.: -0.003 min  
Response: 4351762  
Conc: 62.23 ng/ml



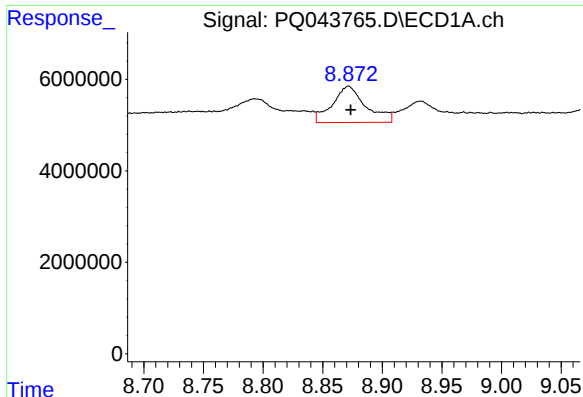
#32 AR-1260-2

R.T.: 8.503 min  
Delta R.T.: -0.002 min  
Response: 13426444  
Conc: 54.93 ng/ml



#32 AR-1260-2

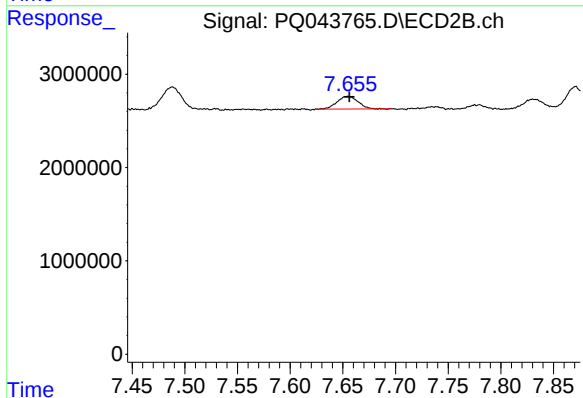
R.T.: 7.488 min  
Delta R.T.: -0.006 min  
Response: 3412920  
Conc: 37.87 ng/ml



#33 AR-1260-3

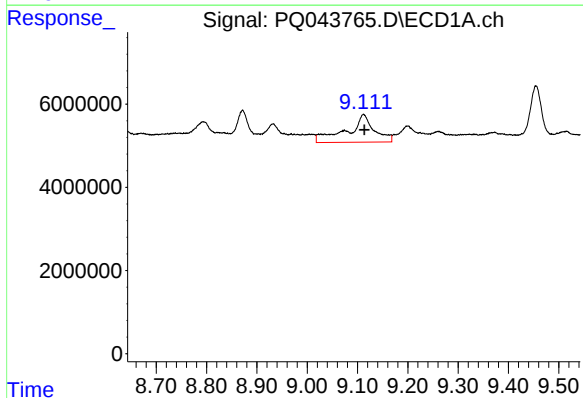
R.T.: 8.872 min  
Delta R.T.: -0.002 min  
Response: 15454263  
Conc: 77.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



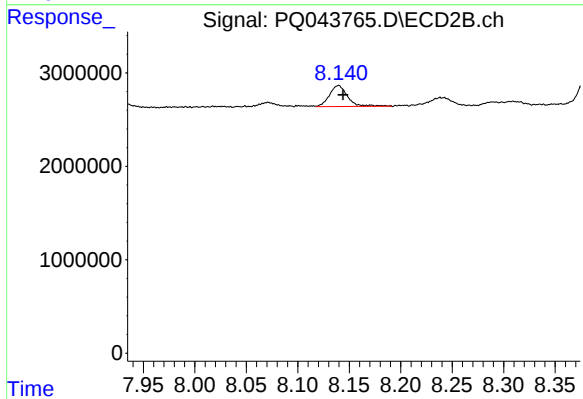
#33 AR-1260-3

R.T.: 7.655 min  
Delta R.T.: -0.002 min  
Response: 1887997  
Conc: 21.87 ng/ml



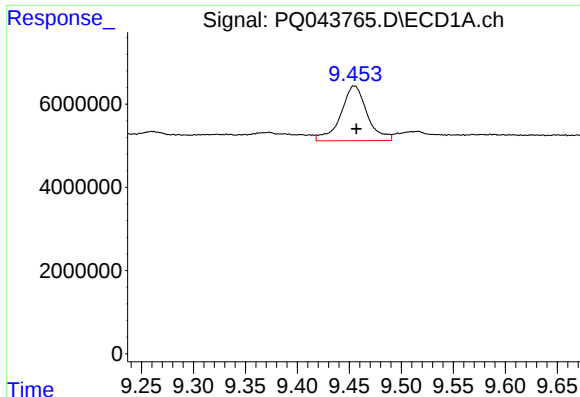
#34 AR-1260-4

R.T.: 9.112 min  
Delta R.T.: -0.001 min  
Response: 25030898  
Conc: 99.65 ng/ml



#34 AR-1260-4

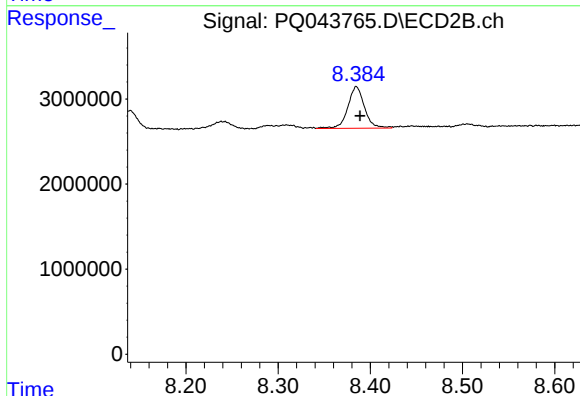
R.T.: 8.139 min  
Delta R.T.: -0.005 min  
Response: 2745626  
Conc: 35.26 ng/ml



#35 AR-1260-5

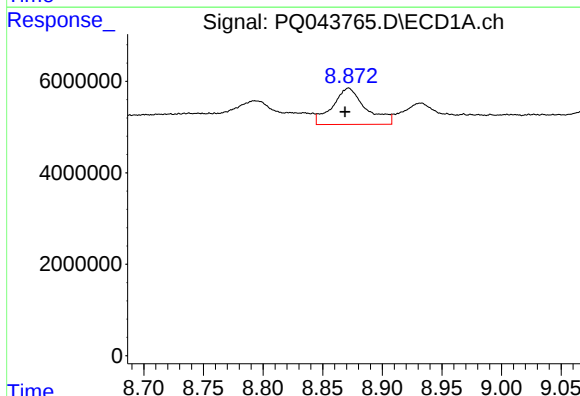
R.T.: 9.455 min  
Delta R.T.: -0.002 min  
Response: 23283684  
Conc: 41.13 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



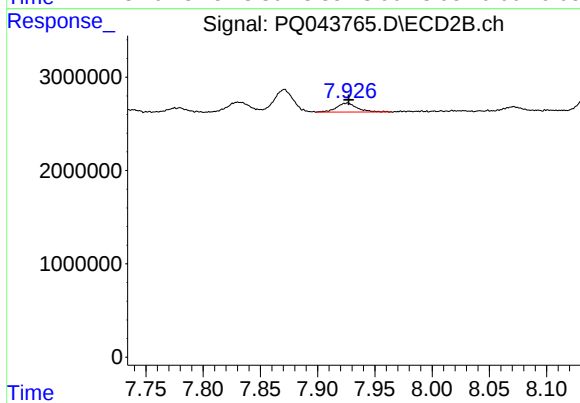
#35 AR-1260-5

R.T.: 8.385 min  
Delta R.T.: -0.004 min  
Response: 6129853  
Conc: 29.04 ng/ml



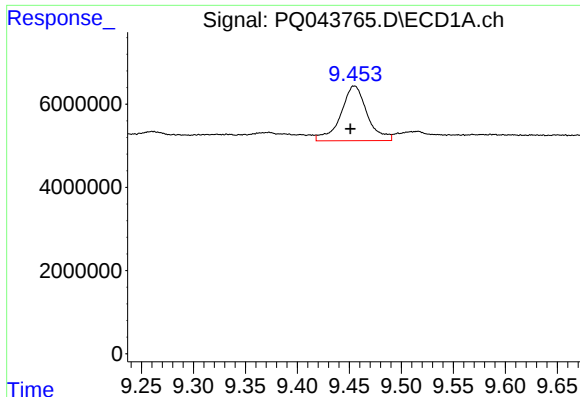
#36 AR-1262-1

R.T.: 8.872 min  
Delta R.T.: 0.003 min  
Response: 15454263  
Conc: 47.35 ng/ml



#36 AR-1262-1

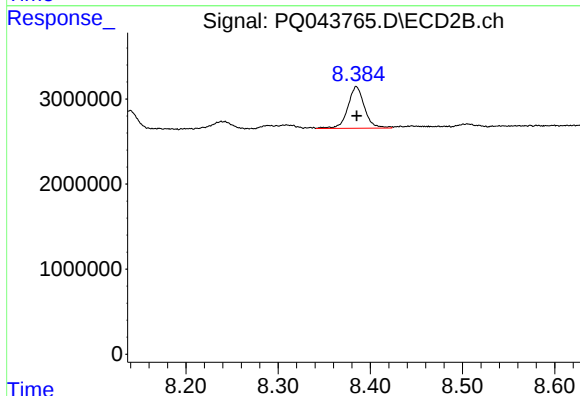
R.T.: 7.925 min  
Delta R.T.: -0.002 min  
Response: 1185758  
Conc: 23.80 ng/ml



#37 AR-1262-2

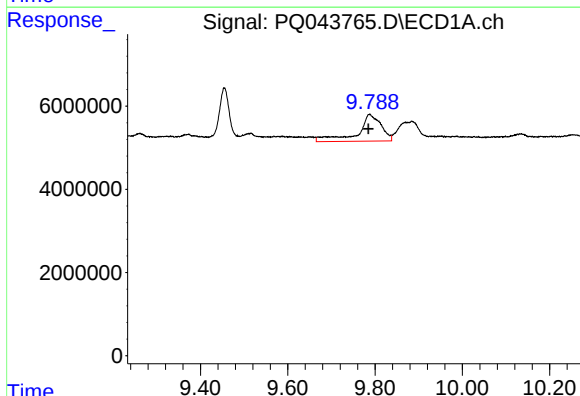
R.T.: 9.455 min  
Delta R.T.: 0.004 min  
Response: 23283684  
Conc: 31.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



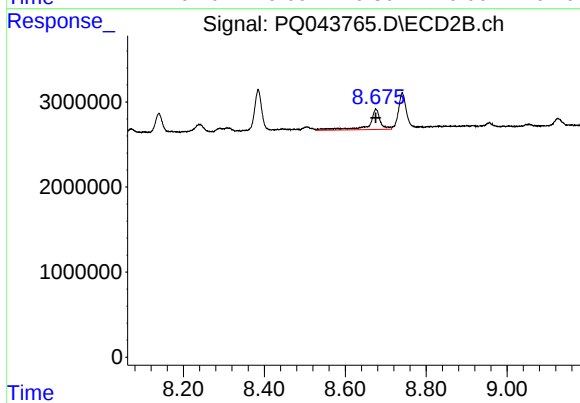
#37 AR-1262-2

R.T.: 8.385 min  
Delta R.T.: 0.000 min  
Response: 6129853  
Conc: 23.38 ng/ml



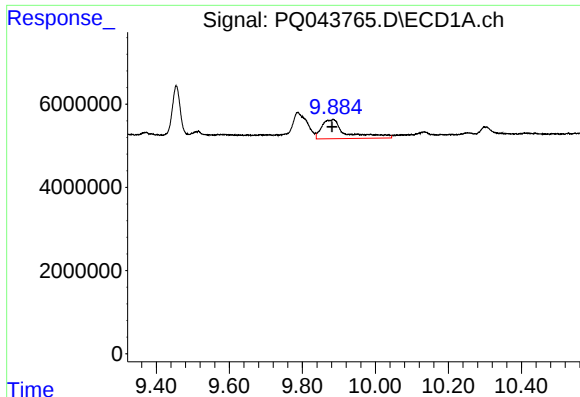
#38 AR-1262-3

R.T.: 9.789 min  
Delta R.T.: 0.004 min  
Response: 24224753  
Conc: 45.33 ng/ml



#38 AR-1262-3

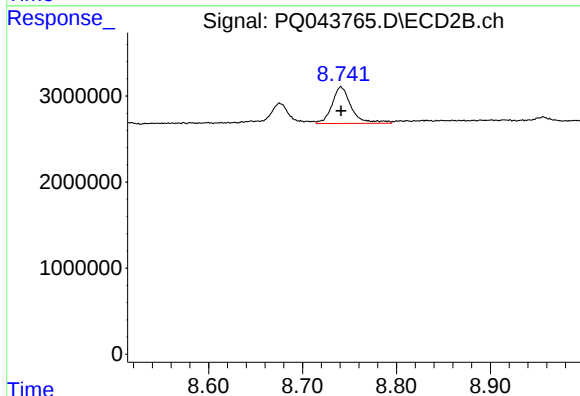
R.T.: 8.676 min  
Delta R.T.: 0.000 min  
Response: 4666045  
Conc: 37.75 ng/ml



#39 AR-1262-4

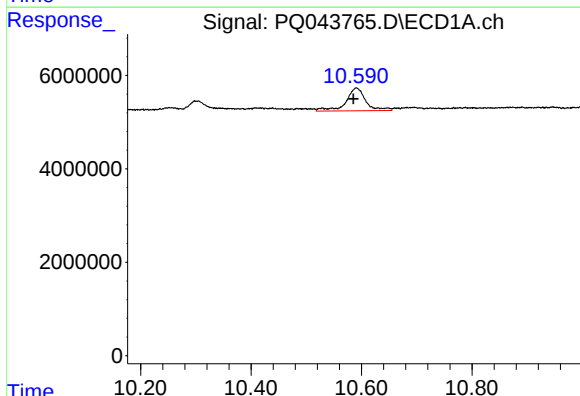
R.T.: 9.882 min  
Delta R.T.: 0.000 min  
Response: 21571694  
Conc: 52.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



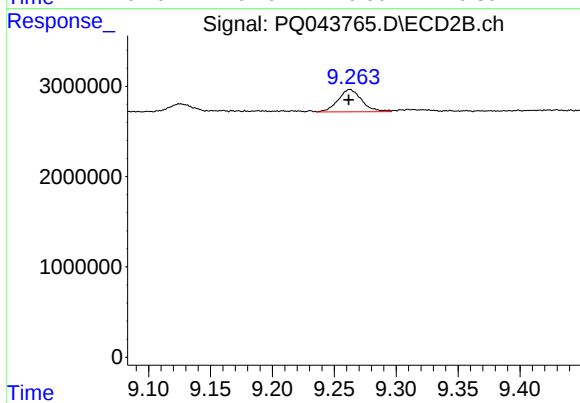
#39 AR-1262-4

R.T.: 8.741 min  
Delta R.T.: 0.000 min  
Response: 6097598  
Conc: 25.23 ng/ml



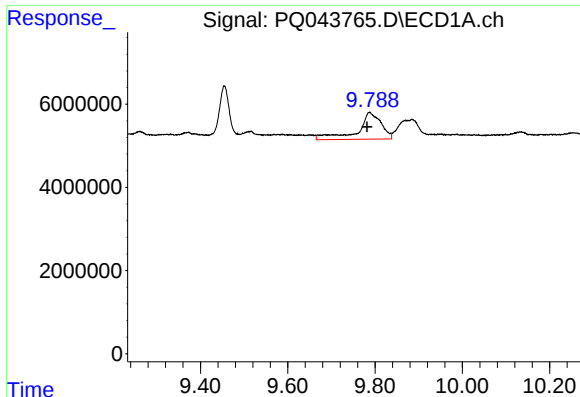
#40 AR-1262-5

R.T.: 10.591 min  
Delta R.T.: 0.005 min  
Response: 12125348  
Conc: 34.33 ng/ml



#40 AR-1262-5

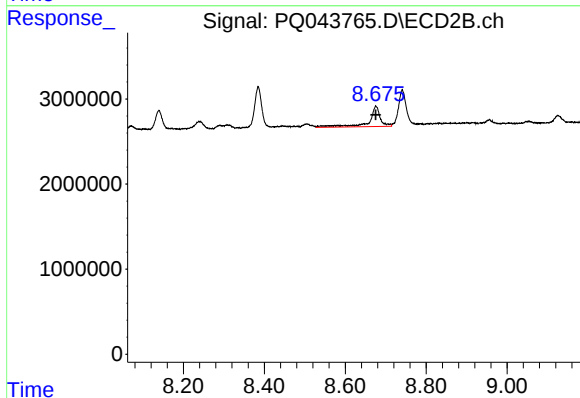
R.T.: 9.263 min  
Delta R.T.: 0.000 min  
Response: 3307848  
Conc: 22.00 ng/ml



#41 AR-1268-1

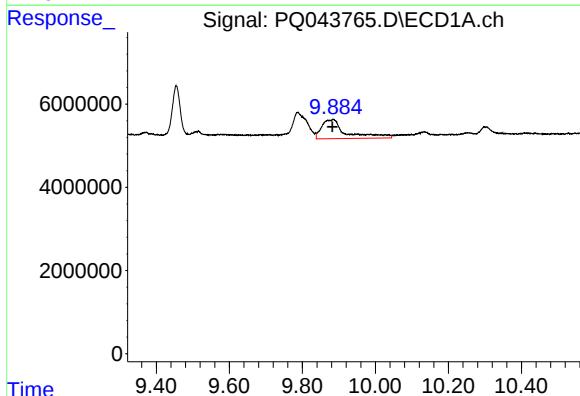
R.T.: 9.789 min  
Delta R.T.: 0.007 min  
Response: 24224753  
Conc: 24.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



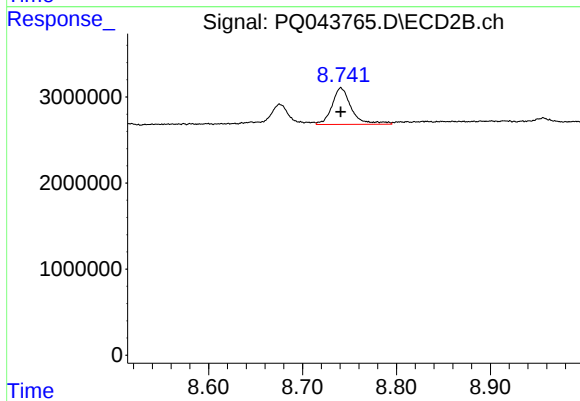
#41 AR-1268-1

R.T.: 8.676 min  
Delta R.T.: 0.000 min  
Response: 4666045  
Conc: 12.21 ng/ml



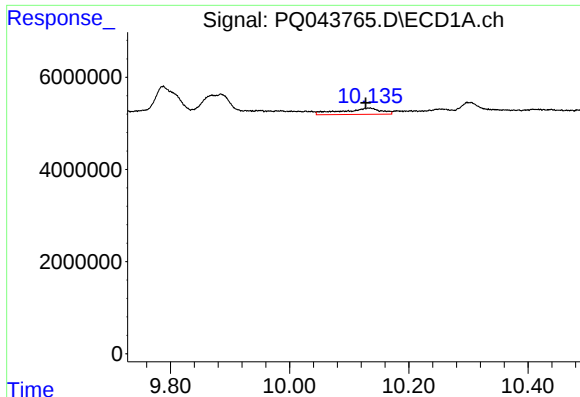
#42 AR-1268-2

R.T.: 9.882 min  
Delta R.T.: 0.000 min  
Response: 21571694  
Conc: 22.75 ng/ml



#42 AR-1268-2

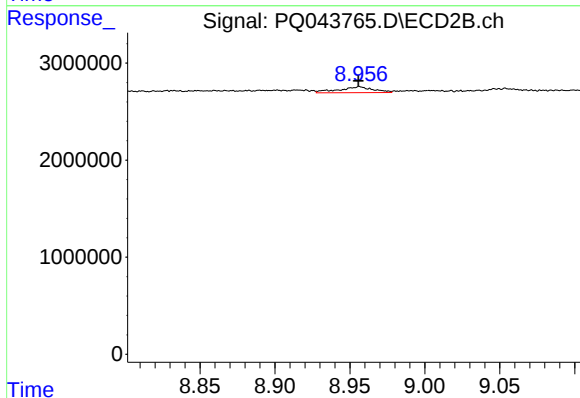
R.T.: 8.741 min  
Delta R.T.: 0.000 min  
Response: 6097598  
Conc: 16.60 ng/ml



#43 AR-1268-3

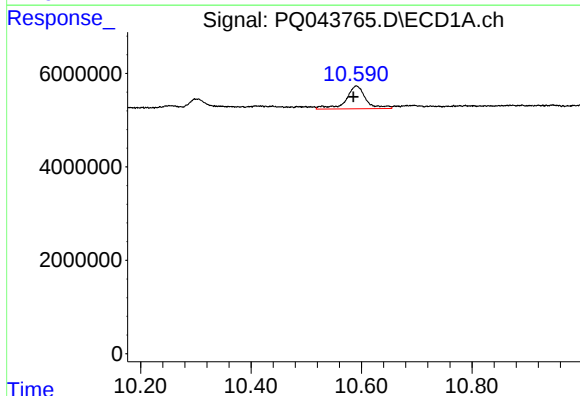
R.T.: 10.133 min  
Delta R.T.: 0.005 min  
Response: 6287781  
Conc: 7.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



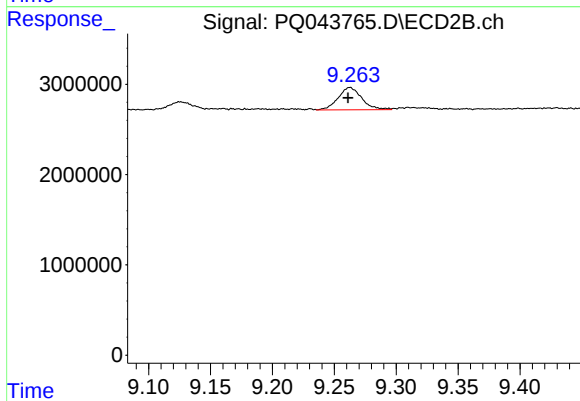
#43 AR-1268-3

R.T.: 8.956 min  
Delta R.T.: 0.000 min  
Response: 970227  
Conc: 2.95 ng/ml



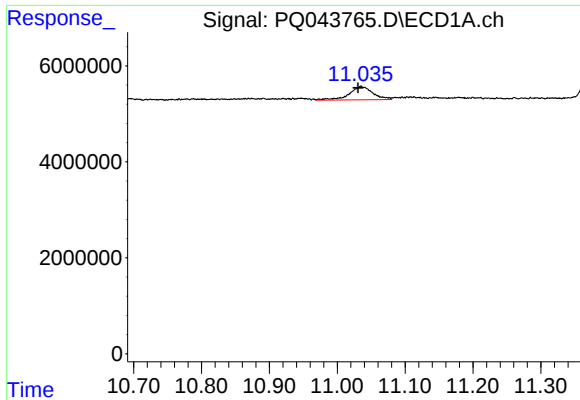
#44 AR-1268-4

R.T.: 10.591 min  
Delta R.T.: 0.005 min  
Response: 12125348  
Conc: 27.16 ng/ml



#44 AR-1268-4

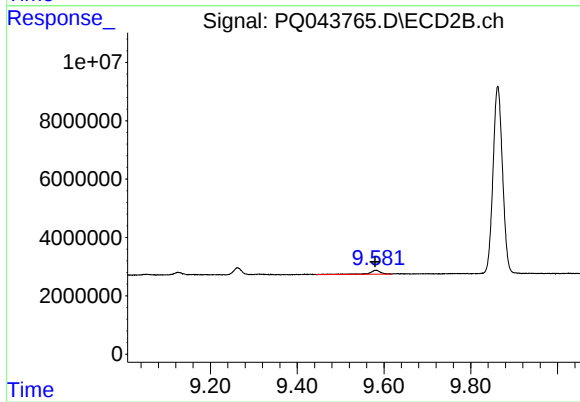
R.T.: 9.263 min  
Delta R.T.: 0.002 min  
Response: 3307848  
Conc: 18.42 ng/ml



#45 AR-1268-5

R.T.: 11.036 min  
Delta R.T.: 0.005 min  
Response: 6744480  
Conc: 2.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-AR162-W-6



#45 AR-1268-5

R.T.: 9.581 min  
Delta R.T.: 0.002 min  
Response: 2585043  
Conc: 1.94 ng/ml