

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ110818\  
 Data File : PQ034269.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2018 16:56  
 Operator : SM\SJ  
 Sample : J5798-12RE  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 23:48:39 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110618.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 09 08:12:53 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.553  | 3.832 | 61040005 | 42637083 | 20.823  | 22.339    |
| 2)                          | SA Decachlor... | 10.360 | 8.867 | 36969856 | 35747337 | 14.402  | 18.191 #  |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.869 | 0        | 2735334  | N.D.    | 38.724 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.063 | 0        | 1220344  | N.D.    | 23.763 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.336 | 0        | 470745   | N.D.    | 8.827 #   |
| 12)                         | L3 AR-1232-2    | 5.416  | 0.000 | 2036962  | 0        | 72.518  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.063 | 0        | 1220344  | N.D.    | 59.315 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.228 | 0        | 4055210  | N.D.    | 218.841 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.336 | 0        | 470745   | N.D.    | 23.294 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.869 | 0        | 2735334  | N.D.    | 49.492 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.063 | 0        | 1220344  | N.D.    | 29.561 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.228 | 0        | 4055210  | N.D.    | 100.765 # |
| 20)                         | L4 AR-1242-5    | 6.652  | 5.724 | 2052921  | 9003508  | 31.762  | 172.435 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.869 | 0        | 2735334  | N.D.    | 58.995 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.228 | 0        | 4055210  | N.D.    | 62.692 #  |
| 24)                         | L5 AR-1248-4    | 6.617  | 5.336 | 3614317  | 470745   | 29.742  | 5.907 #   |
| 25)                         | L5 AR-1248-5    | 6.652  | 5.724 | 2052921  | 9003508  | 17.569  | 111.929 # |
| 26)                         | L6 AR-1254-1    | 6.582  | 5.724 | 5319657  | 9003508  | 47.069  | 77.871 #  |
| 27)                         | L6 AR-1254-2    | 6.799  | 5.870 | 10978317 | 5501397  | 61.216  | 54.980 #  |
| 28)                         | L6 AR-1254-3    | 7.169  | 6.274 | 25750448 | 29343150 | 132.450 | 169.807 # |
| 29)                         | L6 AR-1254-4    | 7.454  | 6.501 | 18278288 | 14747762 | 127.722 | 135.307   |
| 30)                         | L6 AR-1254-5    | 7.873  | 6.918 | 76226020 | 58246342 | 484.144 | 383.839   |
| 31)                         | L7 AR-1260-1    | 7.330  | 6.403 | 18917456 | 15531508 | 137.203 | 134.952   |
| 32)                         | L7 AR-1260-2    | 7.585  | 6.589 | 48567701 | 26884546 | 282.180 | 189.351 # |
| 33)                         | L7 AR-1260-3    | 7.944  | 6.743 | 25774614 | 19795560 | 253.038 | 150.254 # |
| 34)                         | L7 AR-1260-4    | 8.172  | 7.213 | 42398469 | 18282186 | 326.356 | 201.480 # |
| 35)                         | L7 AR-1260-5    | 8.505  | 7.454 | 59909324 | 65089622 | 240.219 | 280.076   |
| 36)                         | L8 AR-1262-1    | 7.944  | 6.951 | 25774614 | 21679077 | 139.920 | 144.378   |
| 37)                         | L8 AR-1262-2    | 8.505  | 7.454 | 59909324 | 65089622 | 176.137 | 225.880 # |
| 38)                         | L8 AR-1262-3    | 8.825  | 7.736 | 23649789 | 17084588 | 106.472 | 159.931 # |
| 39)                         | L8 AR-1262-4    | 8.918  | 7.801 | 31884514 | 42028621 | 378.238 | 205.246 # |
| 40)                         | L8 AR-1262-5    | 9.593  | 8.304 | 30005307 | 25795466 | 263.876 | 282.988   |
| 41)                         | L9 AR-1268-1    | 8.825  | 7.736 | 23649789 | 17084588 | 53.669  | 48.000    |
| 42)                         | L9 AR-1268-2    | 8.918  | 7.801 | 31884514 | 42028621 | 80.298  | 131.546 # |
| 43)                         | L9 AR-1268-3    | 9.151  | 8.004 | 2344647  | 2876635  | 6.875   | 10.946 #  |
| 44)                         | L9 AR-1268-4    | 9.593  | 8.304 | 30005307 | 25795466 | 219.152 | 232.029   |
| 45)                         | L9 AR-1268-5    | 10.017 | 8.603 | 15579777 | 14671426 | 13.670  | 16.956    |
| -----                       |                 |        |       |          |          |         |           |

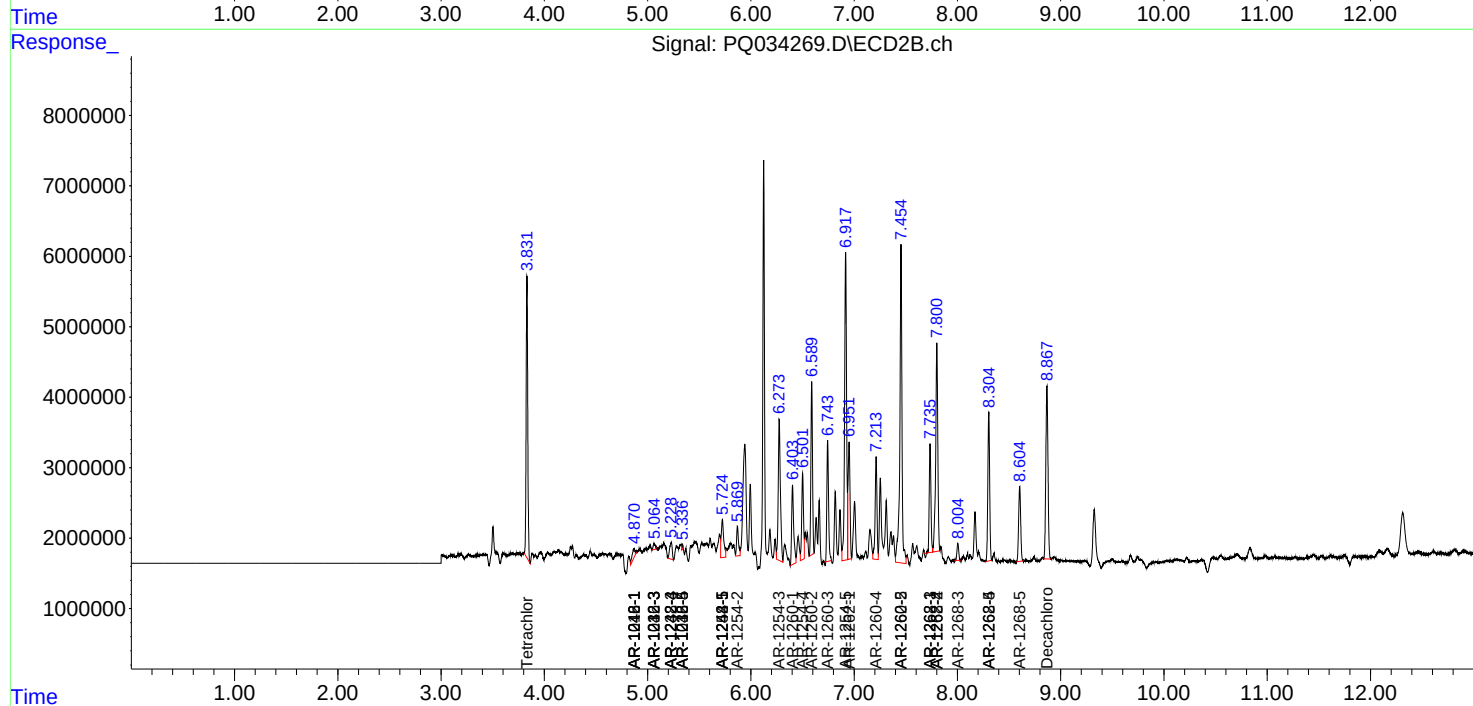
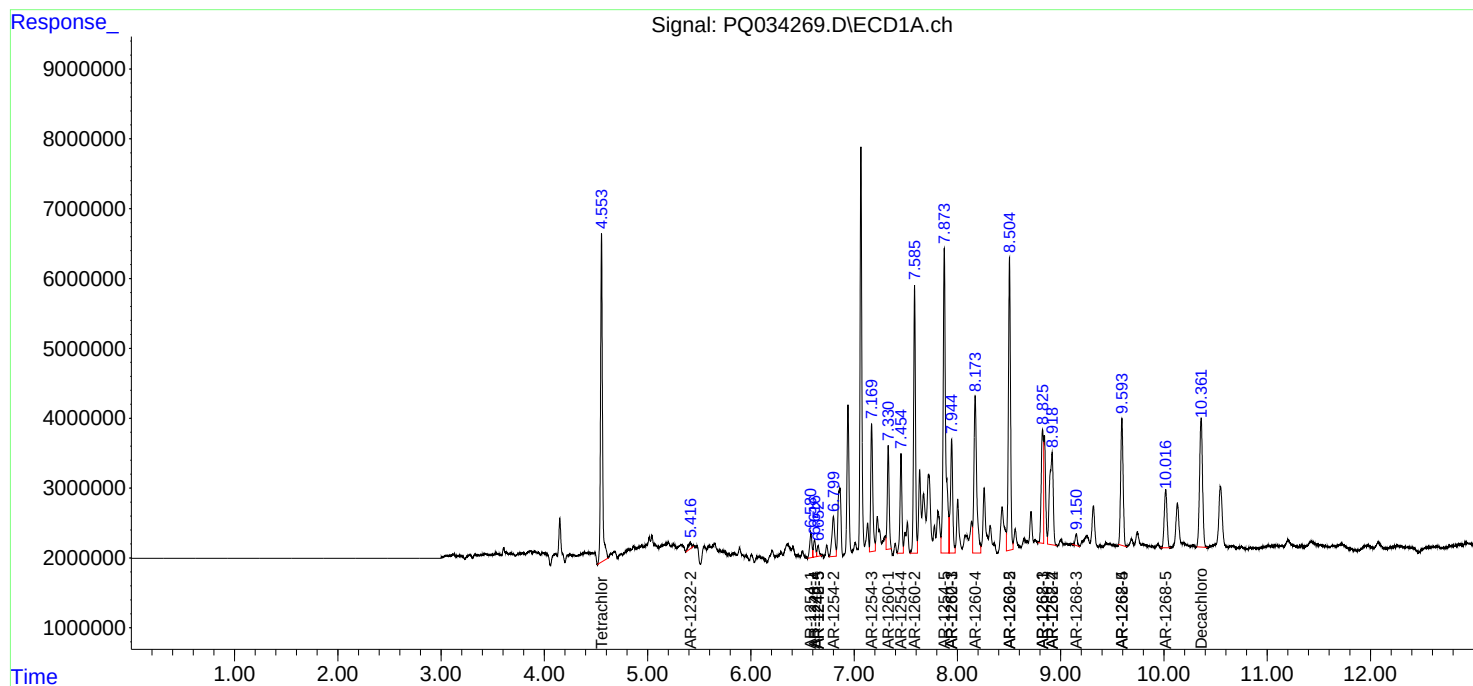
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

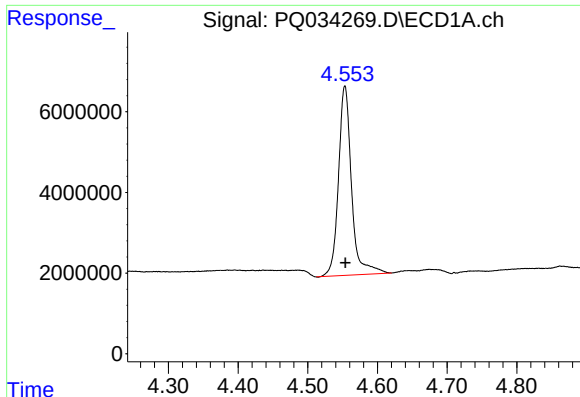
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ110818\  
Data File : PQ034269.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2018 16:56  
Operator : SM\SJ  
Sample : J5798-12RE  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 23:48:39 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110618.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 09 08:12:53 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

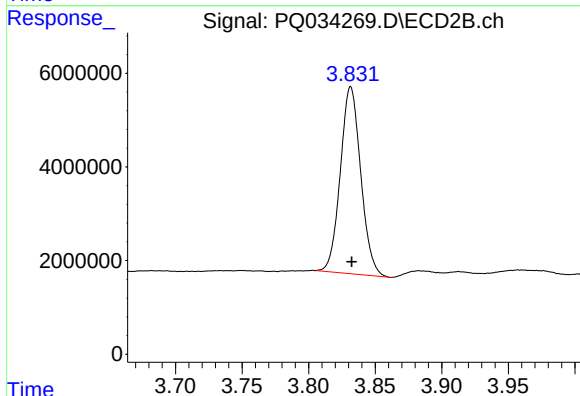




#1 Tetrachloro-m-xylene

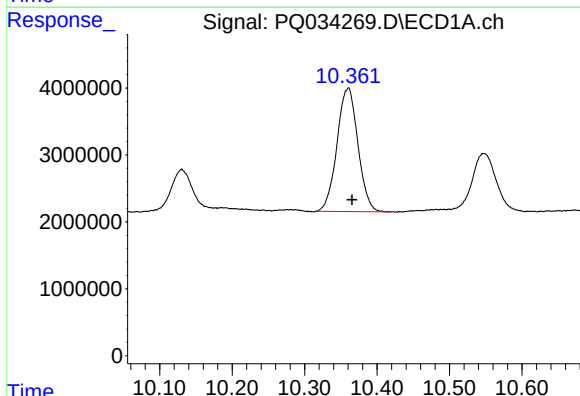
R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 61040005  
Conc: 20.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



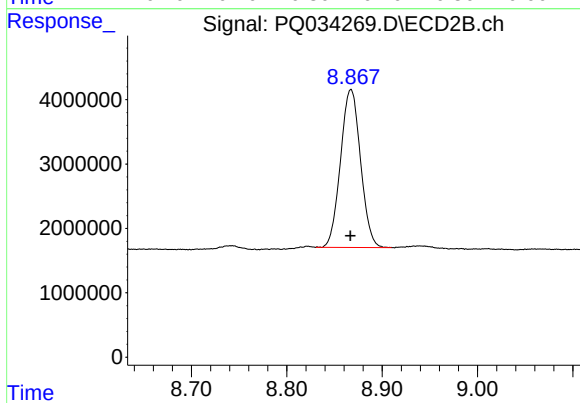
#1 Tetrachloro-m-xylene

R.T.: 3.832 min  
Delta R.T.: 0.000 min  
Response: 42637083  
Conc: 22.34 ng/ml



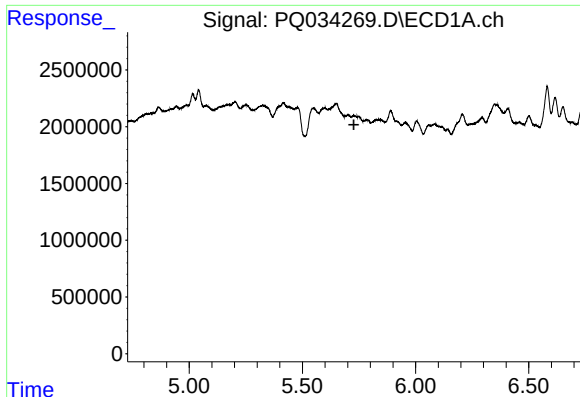
#2 Decachlorobiphenyl

R.T.: 10.360 min  
Delta R.T.: -0.005 min  
Response: 36969856  
Conc: 14.40 ng/ml



#2 Decachlorobiphenyl

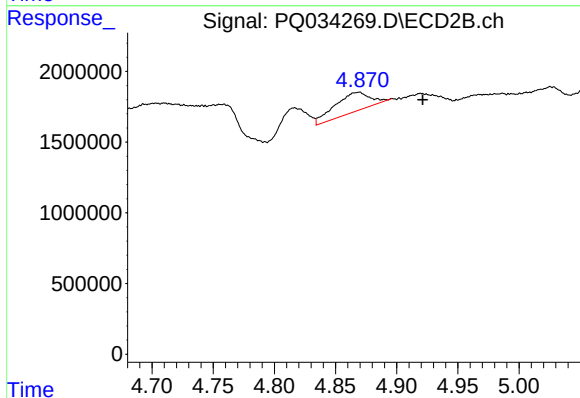
R.T.: 8.867 min  
Delta R.T.: 0.000 min  
Response: 35747337  
Conc: 18.19 ng/ml



#3 AR-1016-1

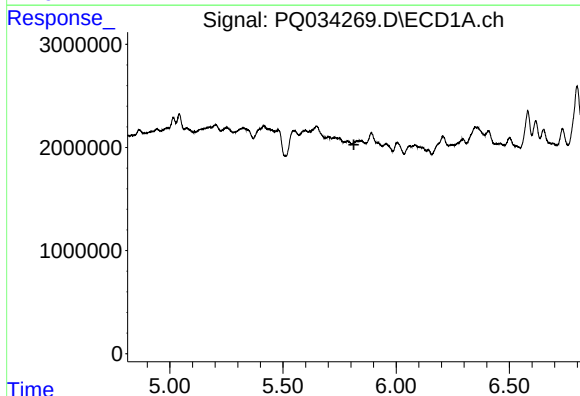
R.T.: 0.000 min  
Exp R.T.: 5.728 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



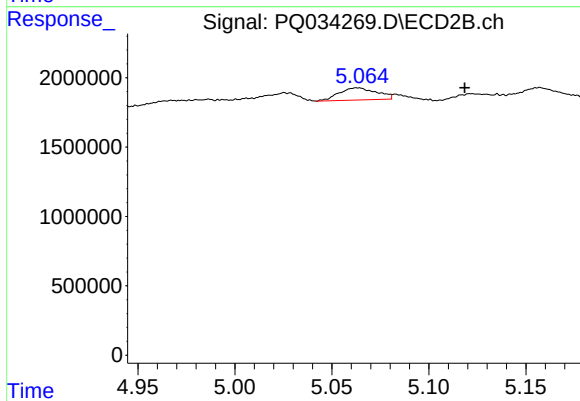
#3 AR-1016-1

R.T.: 4.869 min  
Delta R.T.: -0.052 min  
Response: 2735334  
Conc: 38.72 ng/ml



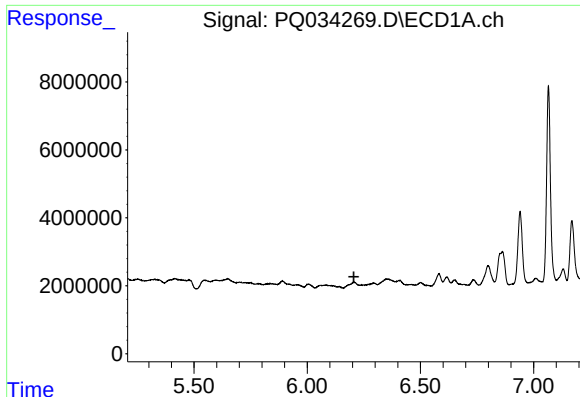
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.813 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

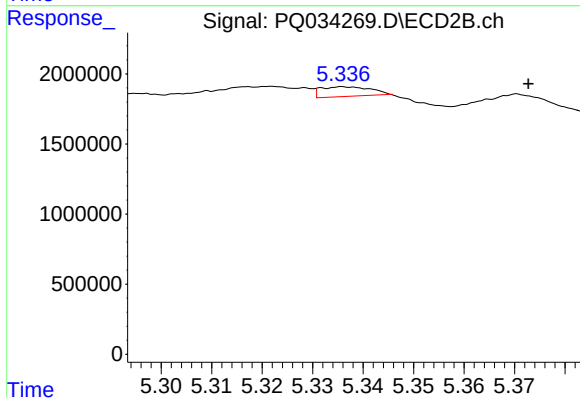
R.T.: 5.063 min  
Delta R.T.: -0.055 min  
Response: 1220344  
Conc: 23.76 ng/ml



#7 AR-1016-5

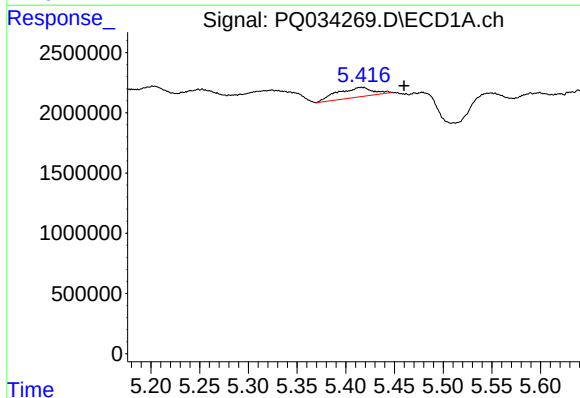
R.T.: 0.000 min  
Exp R.T.: 6.206 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



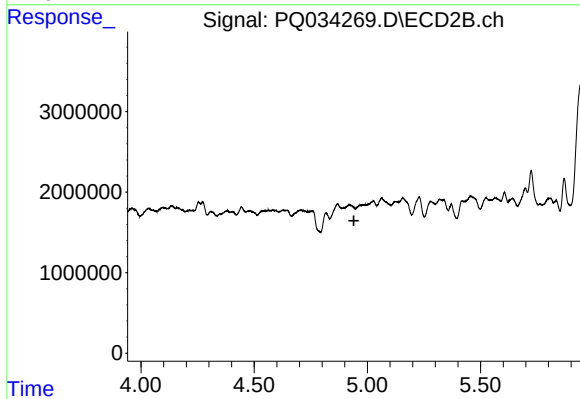
#7 AR-1016-5

R.T.: 5.336 min  
Delta R.T.: -0.036 min  
Response: 470745  
Conc: 8.83 ng/ml



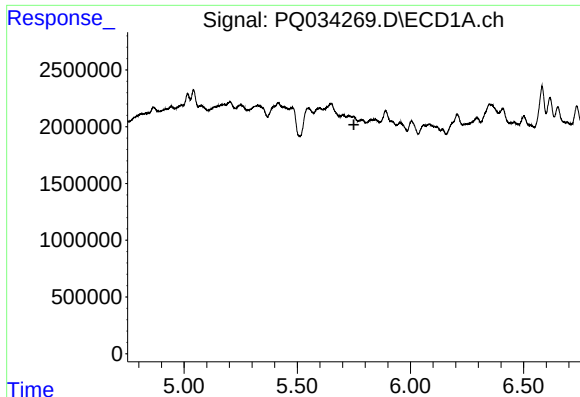
#12 AR-1232-2

R.T.: 5.416 min  
Delta R.T.: -0.044 min  
Response: 2036962  
Conc: 72.52 ng/ml



#12 AR-1232-2

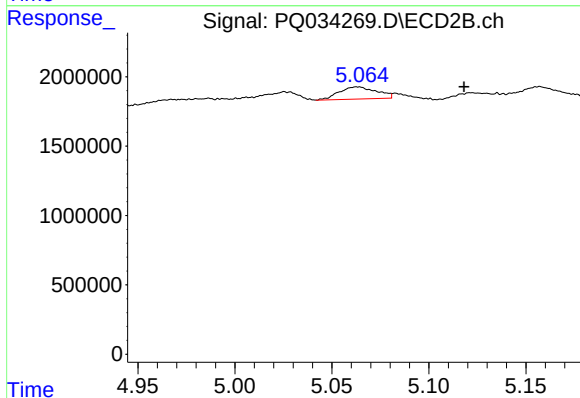
R.T.: 0.000 min  
Exp R.T.: 4.941 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

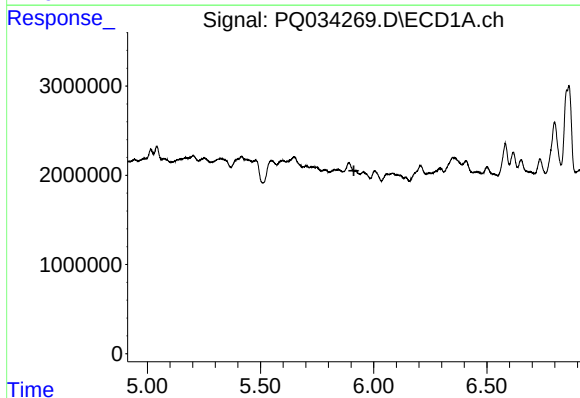
R.T.: 0.000 min  
Exp R.T. : 5.750 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



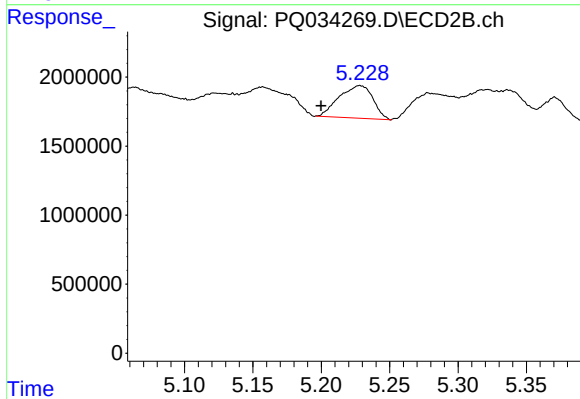
#13 AR-1232-3

R.T.: 5.063 min  
Delta R.T.: -0.055 min  
Response: 1220344  
Conc: 59.32 ng/ml



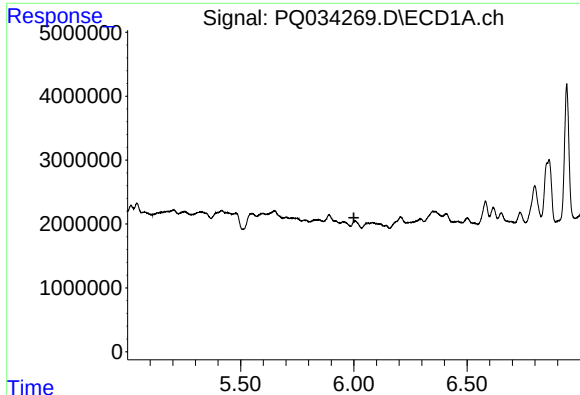
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.912 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

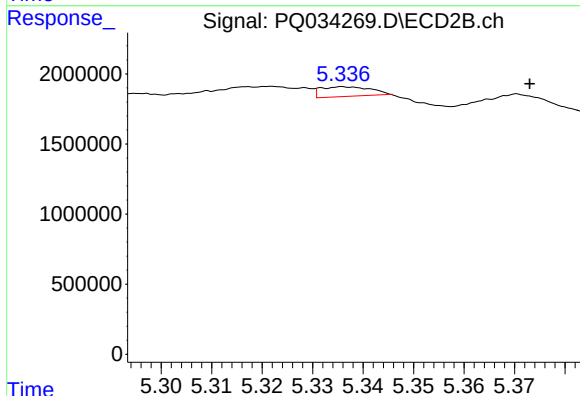
R.T.: 5.228 min  
Delta R.T.: 0.028 min  
Response: 4055210  
Conc: 218.84 ng/ml



#15 AR-1232-5

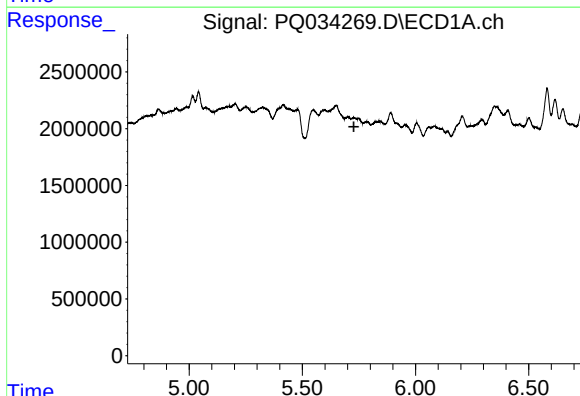
R.T.: 0.000 min  
Exp R.T.: 6.000 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



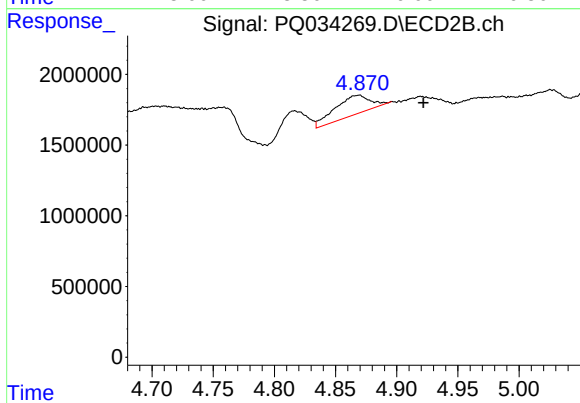
#15 AR-1232-5

R.T.: 5.336 min  
Delta R.T.: -0.037 min  
Response: 470745  
Conc: 23.29 ng/ml



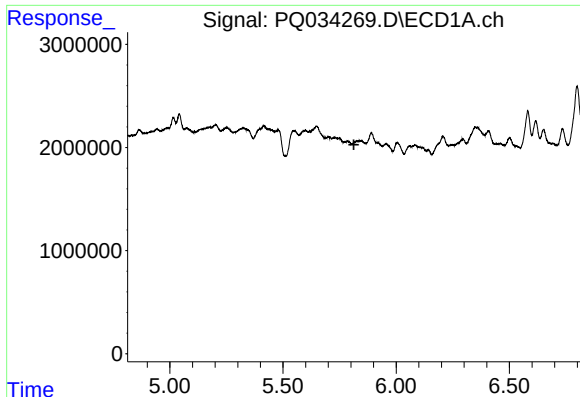
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.728 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

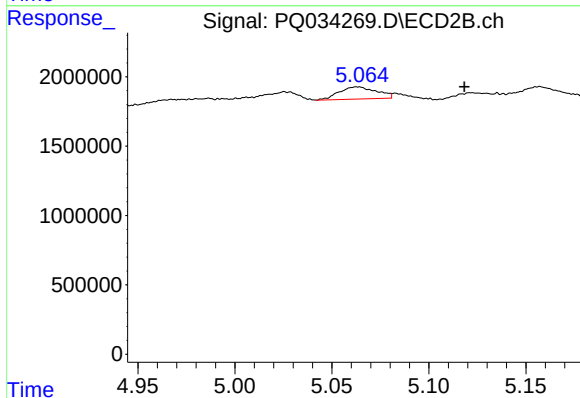
R.T.: 4.869 min  
Delta R.T.: -0.053 min  
Response: 2735334  
Conc: 49.49 ng/ml



#18 AR-1242-3

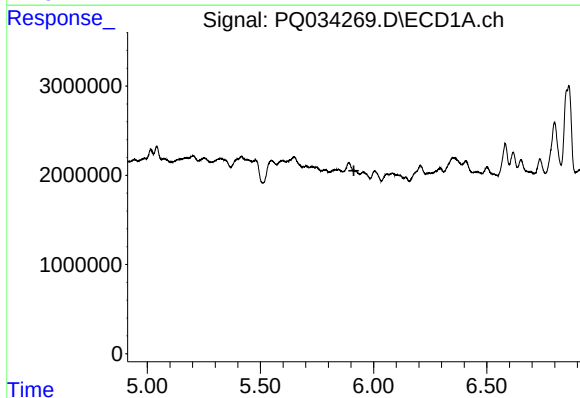
R.T.: 0.000 min  
Exp R.T.: 5.813 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



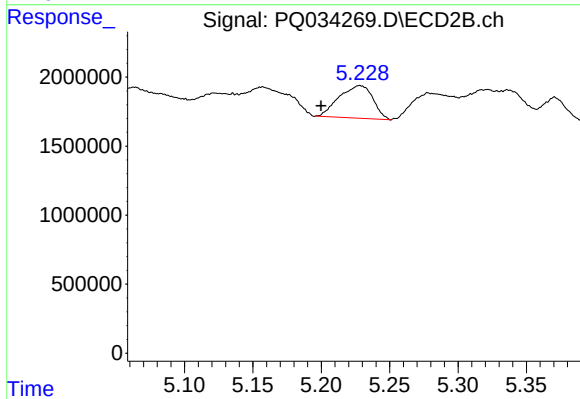
#18 AR-1242-3

R.T.: 5.063 min  
Delta R.T.: -0.055 min  
Response: 1220344  
Conc: 29.56 ng/ml



#19 AR-1242-4

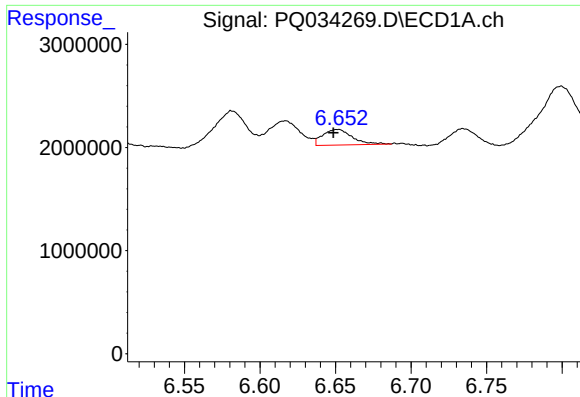
R.T.: 0.000 min  
Exp R.T.: 5.913 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

R.T.: 5.228 min  
Delta R.T.: 0.028 min  
Response: 4055210  
Conc: 100.77 ng/ml

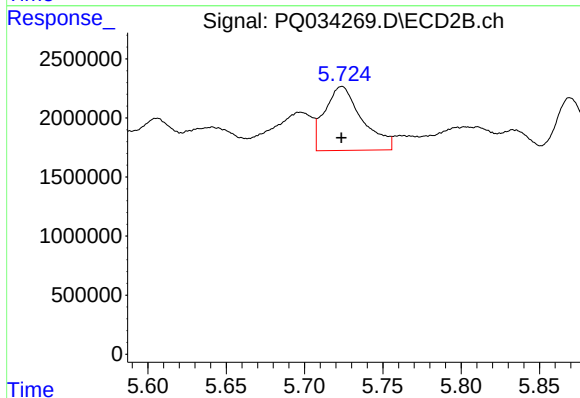




#20 AR-1242-5

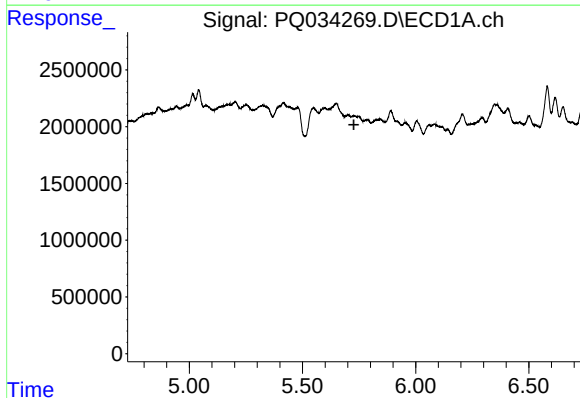
R.T.: 6.652 min  
Delta R.T.: 0.003 min  
Response: 2052921  
Conc: 31.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



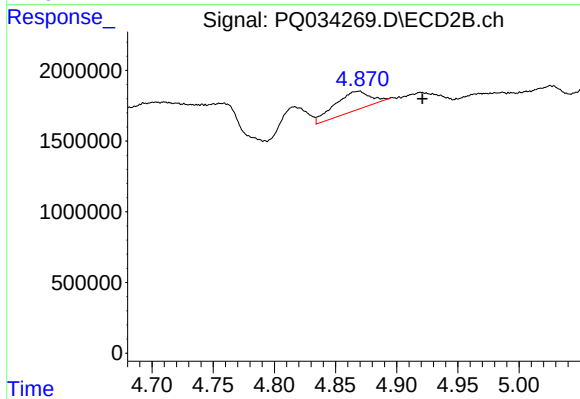
#20 AR-1242-5

R.T.: 5.724 min  
Delta R.T.: 0.000 min  
Response: 9003508  
Conc: 172.43 ng/ml



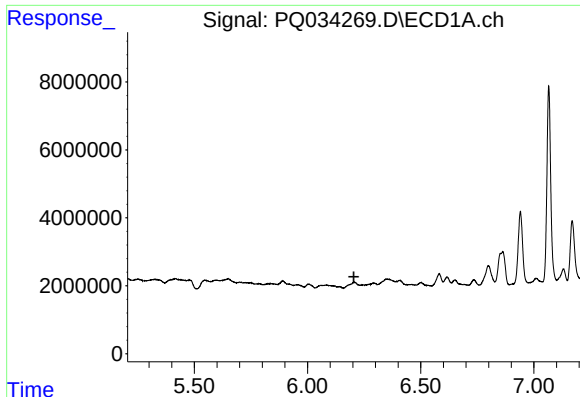
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.727 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

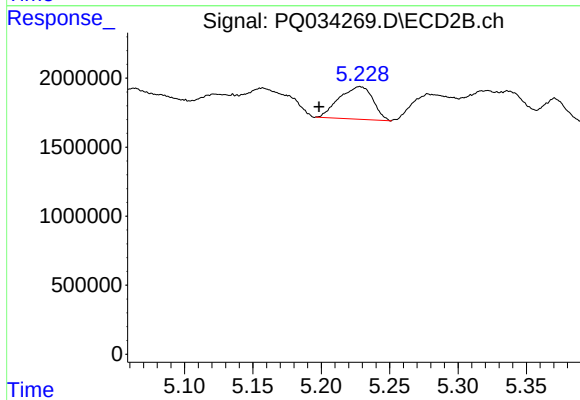
R.T.: 4.869 min  
Delta R.T.: -0.052 min  
Response: 2735334  
Conc: 59.00 ng/ml



#23 AR-1248-3

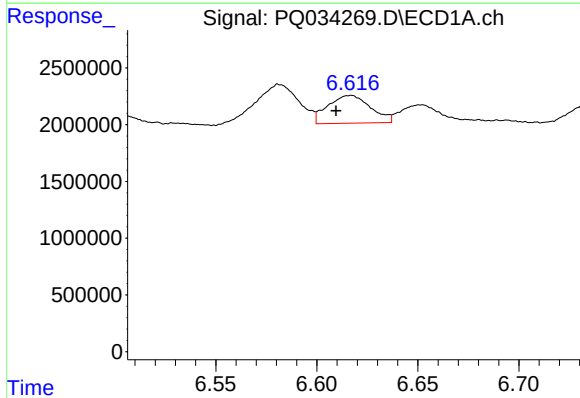
R.T.: 0.000 min  
Exp R.T.: 6.205 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



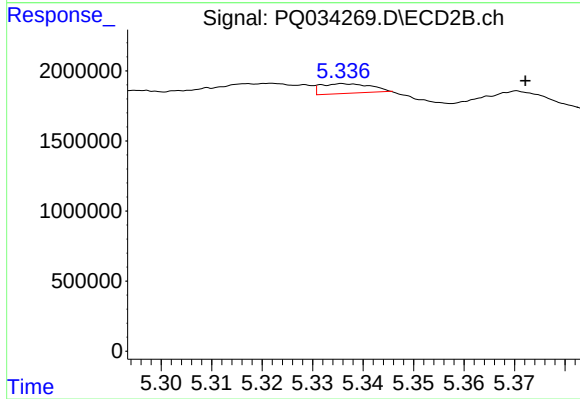
#23 AR-1248-3

R.T.: 5.228 min  
Delta R.T.: 0.030 min  
Response: 4055210  
Conc: 62.69 ng/ml



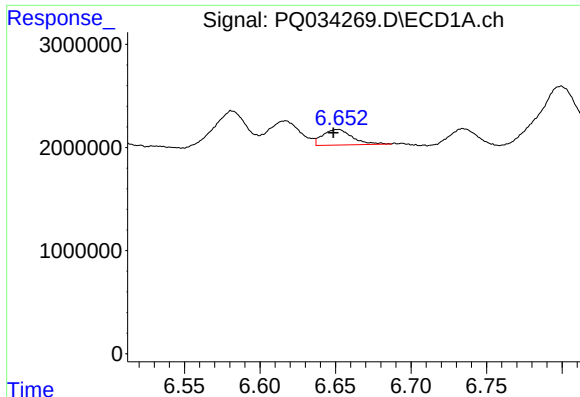
#24 AR-1248-4

R.T.: 6.617 min  
Delta R.T.: 0.007 min  
Response: 3614317  
Conc: 29.74 ng/ml



#24 AR-1248-4

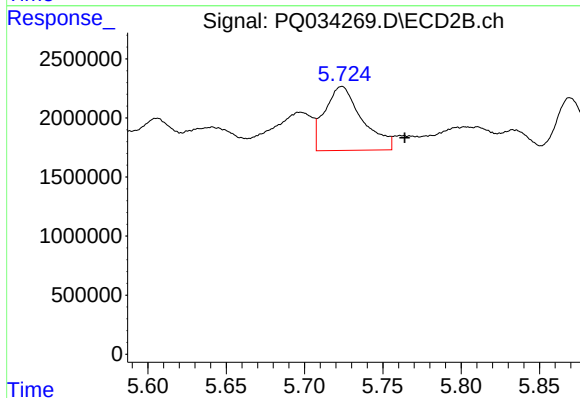
R.T.: 5.336 min  
Delta R.T.: -0.036 min  
Response: 470745  
Conc: 5.91 ng/ml



#25 AR-1248-5

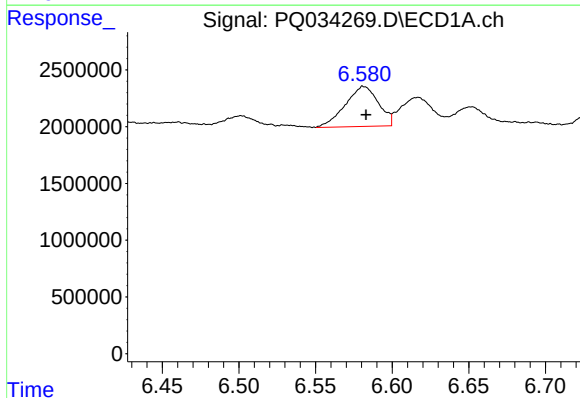
R.T.: 6.652 min  
Delta R.T.: 0.003 min  
Response: 2052921  
Conc: 17.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



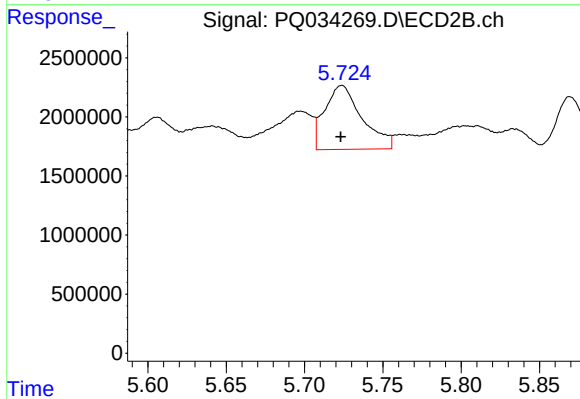
#25 AR-1248-5

R.T.: 5.724 min  
Delta R.T.: -0.040 min  
Response: 9003508  
Conc: 111.93 ng/ml



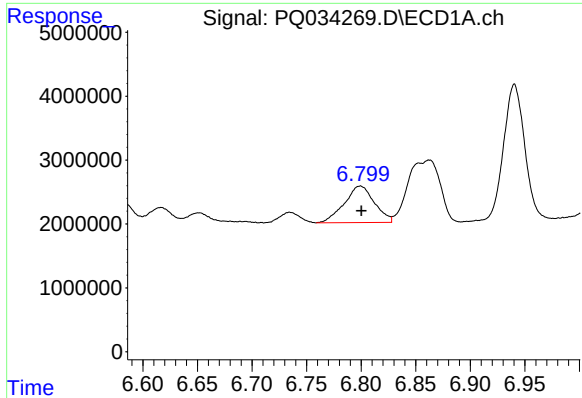
#26 AR-1254-1

R.T.: 6.582 min  
Delta R.T.: -0.001 min  
Response: 5319657  
Conc: 47.07 ng/ml



#26 AR-1254-1

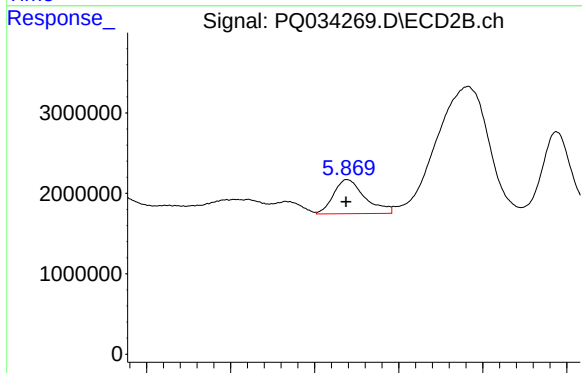
R.T.: 5.724 min  
Delta R.T.: 0.000 min  
Response: 9003508  
Conc: 77.87 ng/ml



#27 AR-1254-2

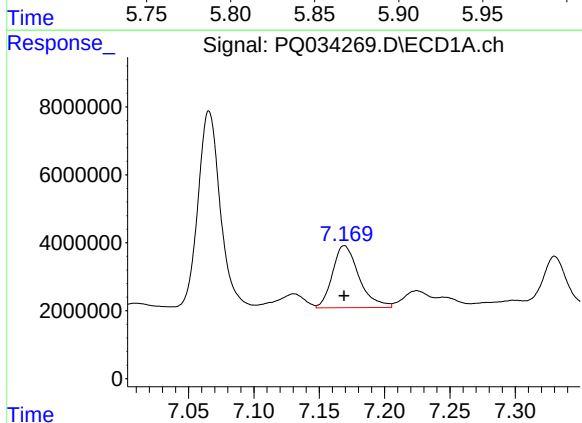
R.T.: 6.799 min  
Delta R.T.: -0.001 min  
Response: 10978317  
Conc: 61.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



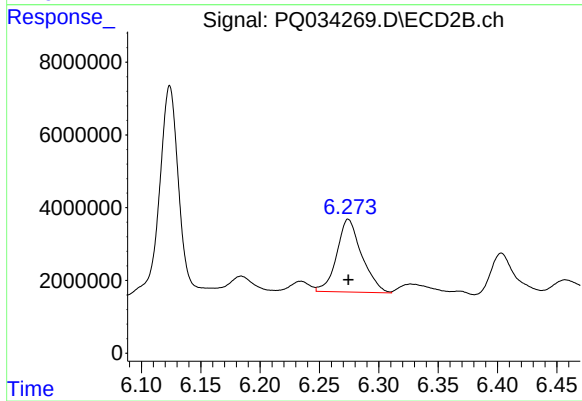
#27 AR-1254-2

R.T.: 5.870 min  
Delta R.T.: 0.000 min  
Response: 5501397  
Conc: 54.98 ng/ml



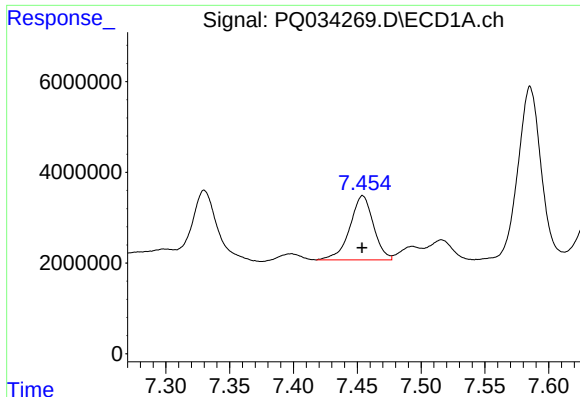
#28 AR-1254-3

R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 25750448  
Conc: 132.45 ng/ml



#28 AR-1254-3

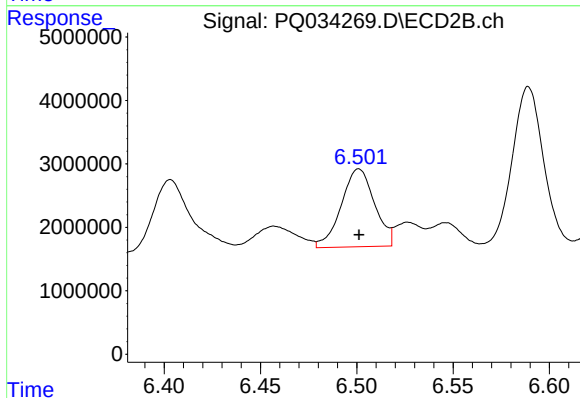
R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 29343150  
Conc: 169.81 ng/ml



#29 AR-1254-4

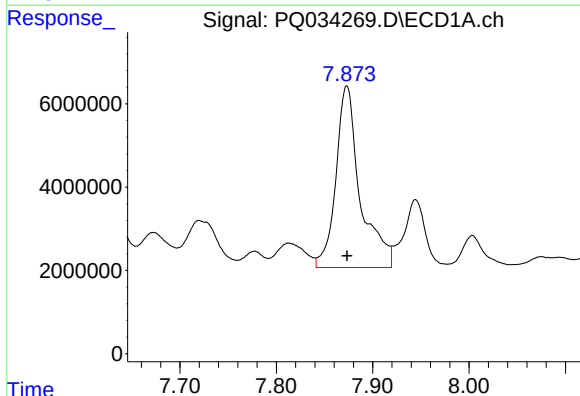
R.T.: 7.454 min  
Delta R.T.: 0.000 min  
Response: 18278288  
Conc: 127.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



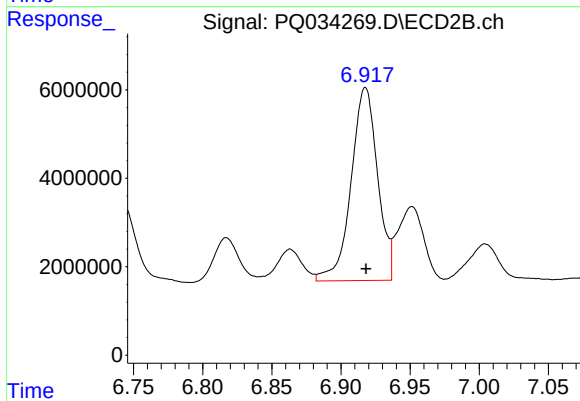
#29 AR-1254-4

R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 14747762  
Conc: 135.31 ng/ml



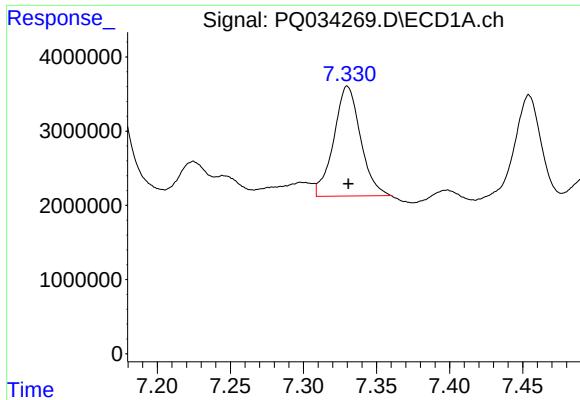
#30 AR-1254-5

R.T.: 7.873 min  
Delta R.T.: 0.000 min  
Response: 76226020  
Conc: 484.14 ng/ml



#30 AR-1254-5

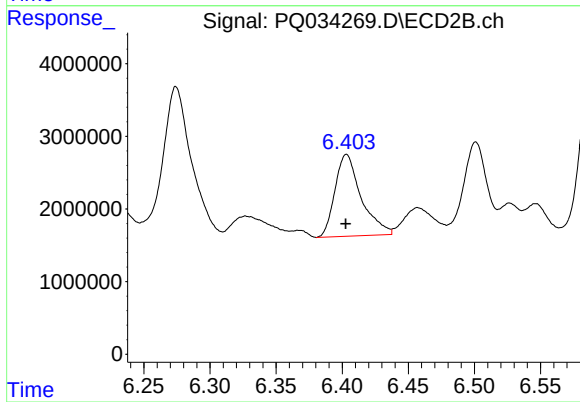
R.T.: 6.918 min  
Delta R.T.: 0.000 min  
Response: 58246342  
Conc: 383.84 ng/ml



#31 AR-1260-1

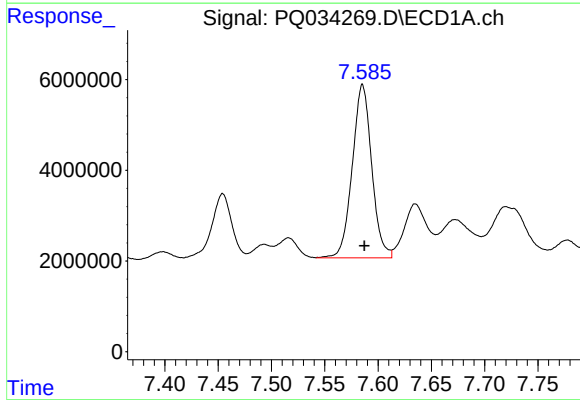
R.T.: 7.330 min  
Delta R.T.: 0.000 min  
Response: 18917456  
Conc: 137.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



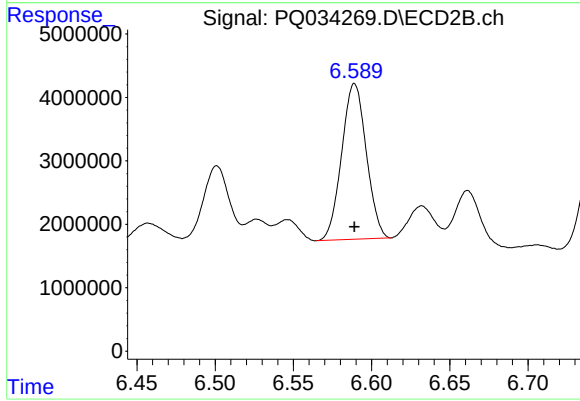
#31 AR-1260-1

R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 15531508  
Conc: 134.95 ng/ml



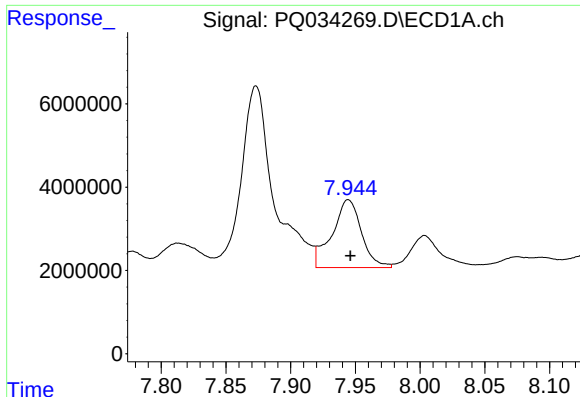
#32 AR-1260-2

R.T.: 7.585 min  
Delta R.T.: -0.002 min  
Response: 48567701  
Conc: 282.18 ng/ml



#32 AR-1260-2

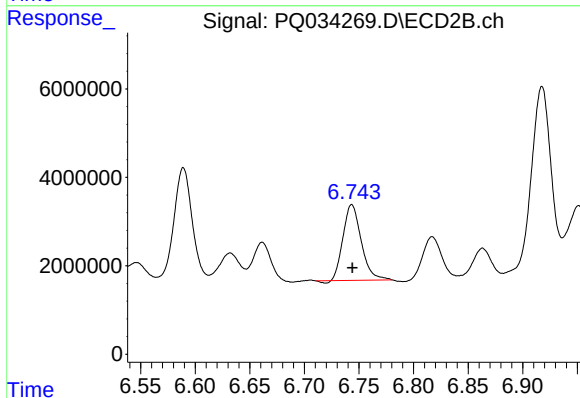
R.T.: 6.589 min  
Delta R.T.: 0.000 min  
Response: 26884546  
Conc: 189.35 ng/ml



#33 AR-1260-3

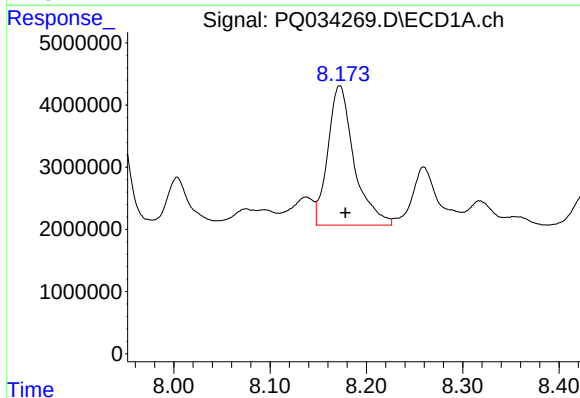
R.T.: 7.944 min  
Delta R.T.: -0.002 min  
Response: 25774614  
Conc: 253.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



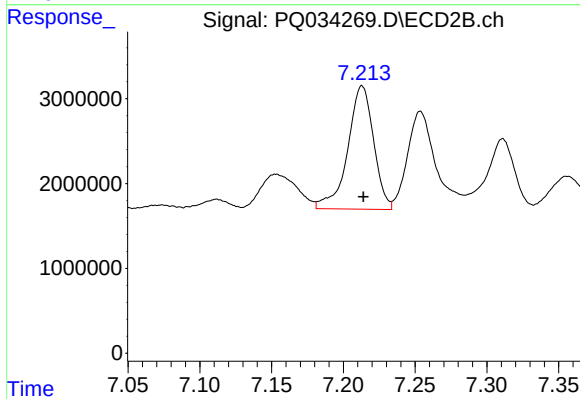
#33 AR-1260-3

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 19795560  
Conc: 150.25 ng/ml



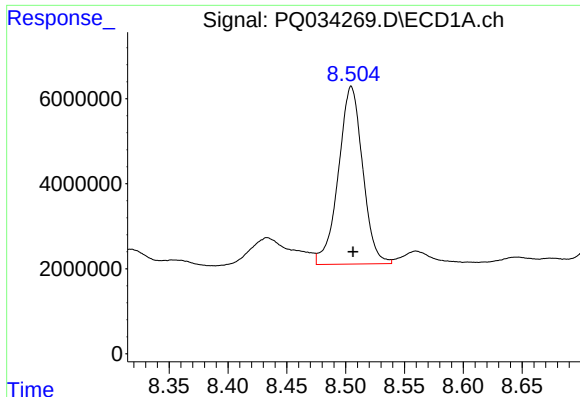
#34 AR-1260-4

R.T.: 8.172 min  
Delta R.T.: -0.006 min  
Response: 42398469  
Conc: 326.36 ng/ml



#34 AR-1260-4

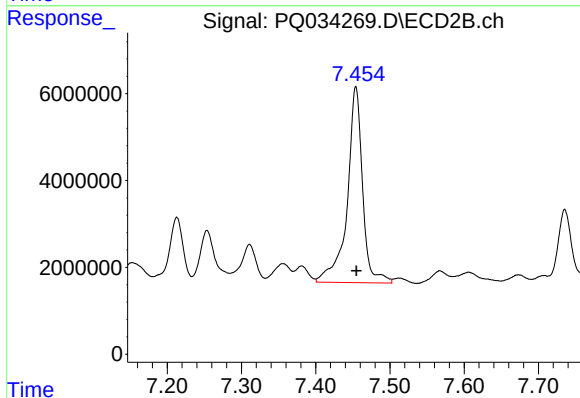
R.T.: 7.213 min  
Delta R.T.: 0.000 min  
Response: 18282186  
Conc: 201.48 ng/ml



#35 AR-1260-5

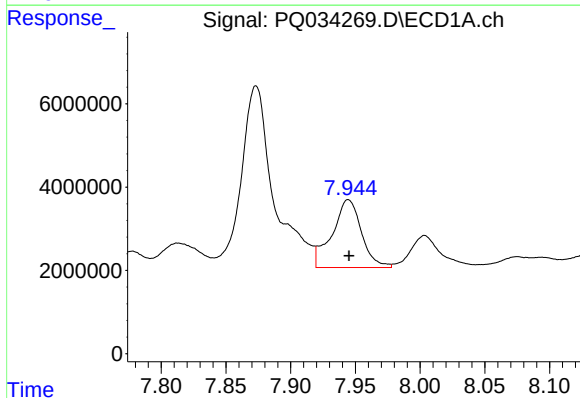
R.T.: 8.505 min  
Delta R.T.: -0.001 min  
Response: 59909324  
Conc: 240.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



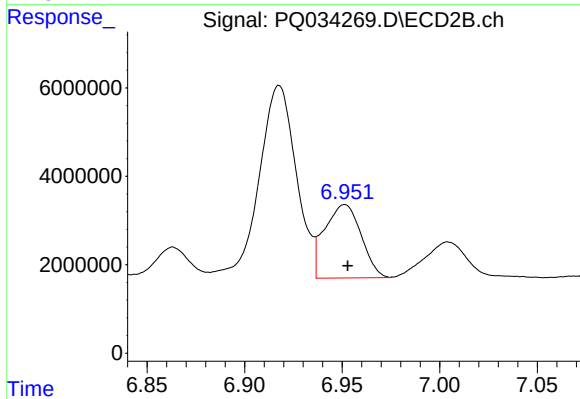
#35 AR-1260-5

R.T.: 7.454 min  
Delta R.T.: 0.000 min  
Response: 65089622  
Conc: 280.08 ng/ml



#36 AR-1262-1

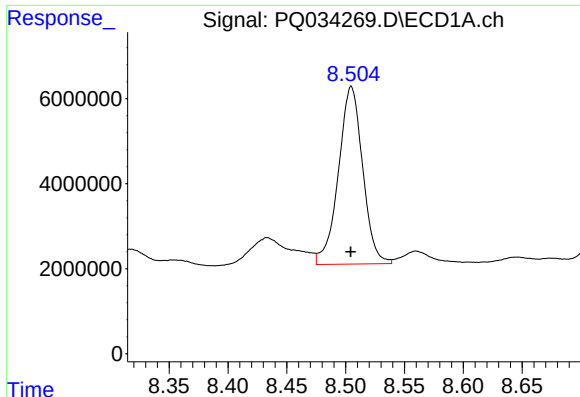
R.T.: 7.944 min  
Delta R.T.: 0.000 min  
Response: 25774614  
Conc: 139.92 ng/ml



#36 AR-1262-1

R.T.: 6.951 min  
Delta R.T.: -0.001 min  
Response: 21679077  
Conc: 144.38 ng/ml

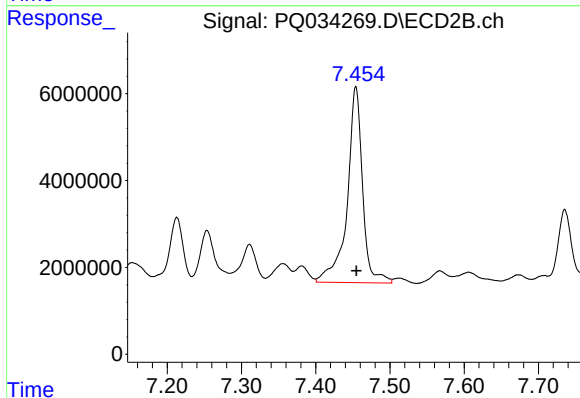




#37 AR-1262-2

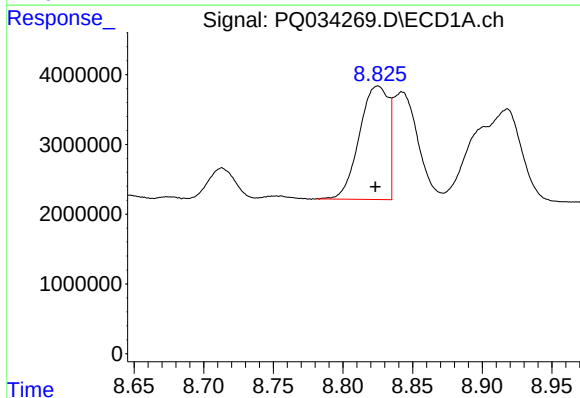
R.T.: 8.505 min  
Delta R.T.: 0.000 min  
Response: 59909324  
Conc: 176.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



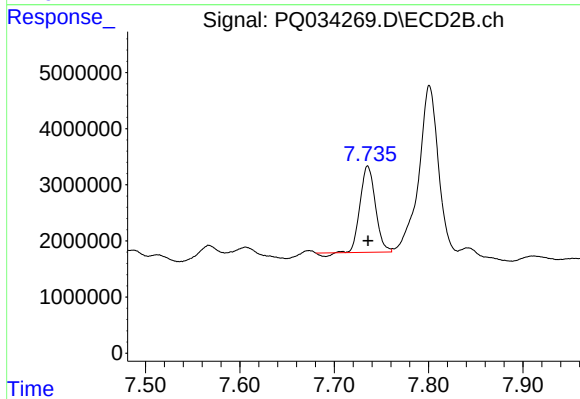
#37 AR-1262-2

R.T.: 7.454 min  
Delta R.T.: 0.000 min  
Response: 65089622  
Conc: 225.88 ng/ml



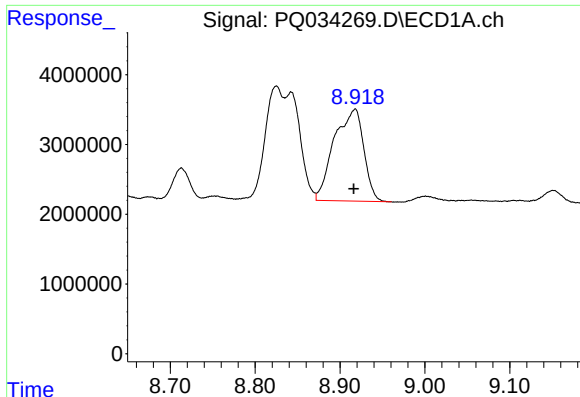
#38 AR-1262-3

R.T.: 8.825 min  
Delta R.T.: 0.002 min  
Response: 23649789  
Conc: 106.47 ng/ml



#38 AR-1262-3

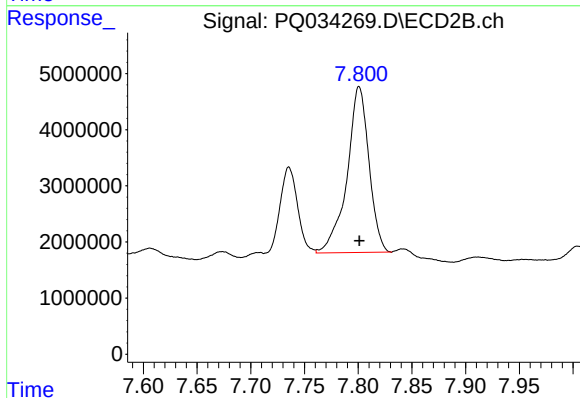
R.T.: 7.736 min  
Delta R.T.: 0.000 min  
Response: 17084588  
Conc: 159.93 ng/ml



#39 AR-1262-4

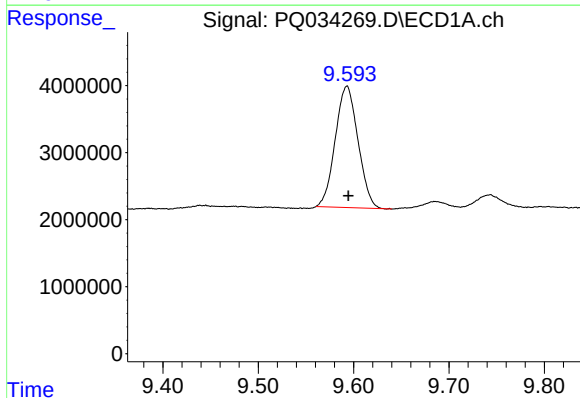
R.T.: 8.918 min  
Delta R.T.: 0.001 min  
Response: 31884514  
Conc: 378.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



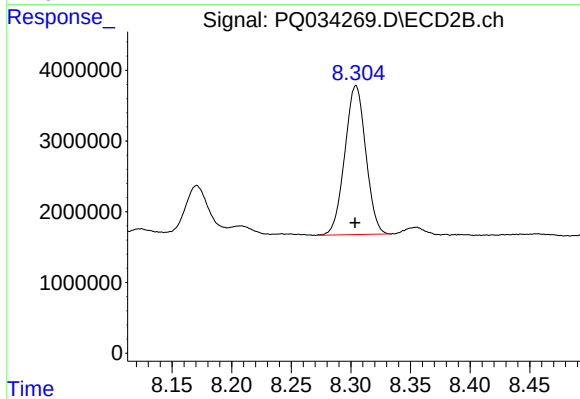
#39 AR-1262-4

R.T.: 7.801 min  
Delta R.T.: 0.000 min  
Response: 42028621  
Conc: 205.25 ng/ml



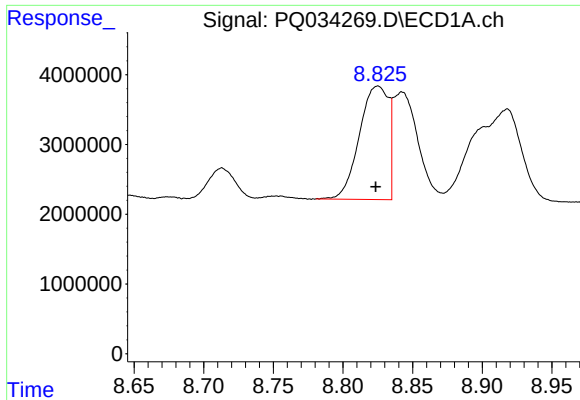
#40 AR-1262-5

R.T.: 9.593 min  
Delta R.T.: -0.002 min  
Response: 30005307  
Conc: 263.88 ng/ml



#40 AR-1262-5

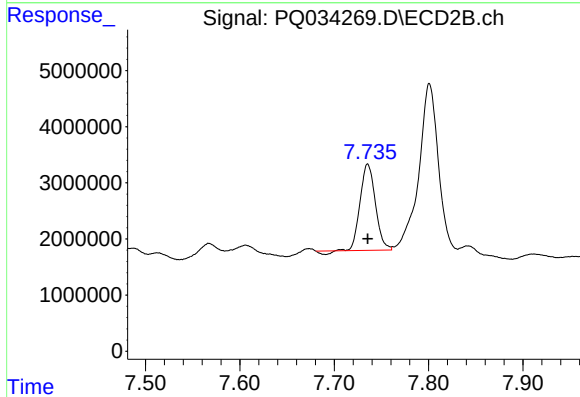
R.T.: 8.304 min  
Delta R.T.: 0.000 min  
Response: 25795466  
Conc: 282.99 ng/ml



#41 AR-1268-1

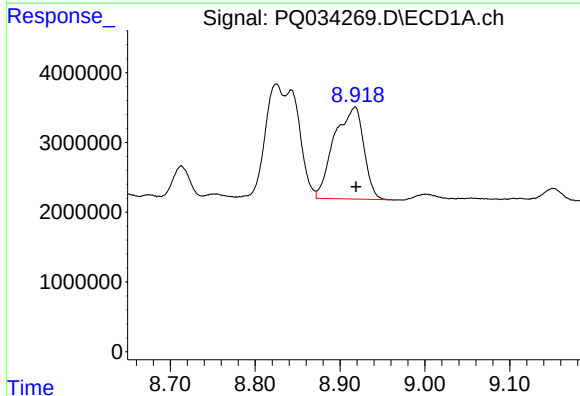
R.T.: 8.825 min  
Delta R.T.: 0.002 min  
Response: 23649789  
Conc: 53.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



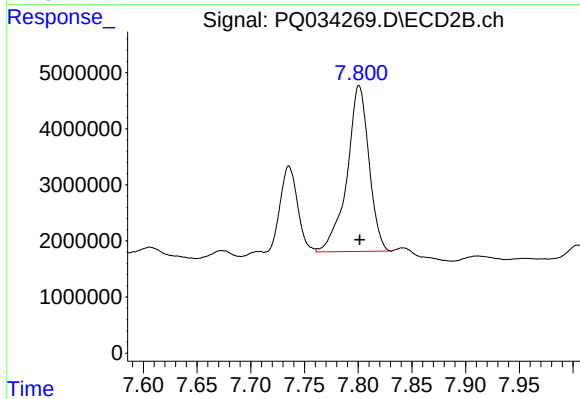
#41 AR-1268-1

R.T.: 7.736 min  
Delta R.T.: 0.000 min  
Response: 17084588  
Conc: 48.00 ng/ml



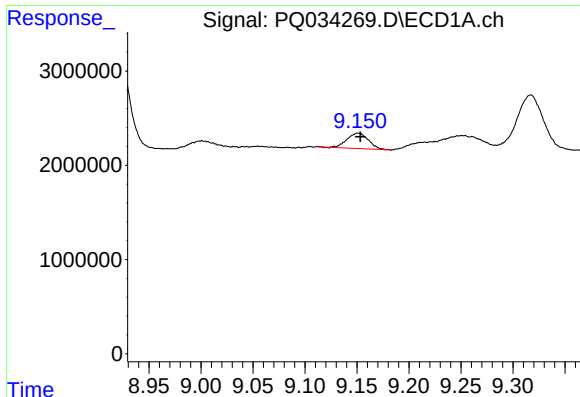
#42 AR-1268-2

R.T.: 8.918 min  
Delta R.T.: -0.001 min  
Response: 31884514  
Conc: 80.30 ng/ml



#42 AR-1268-2

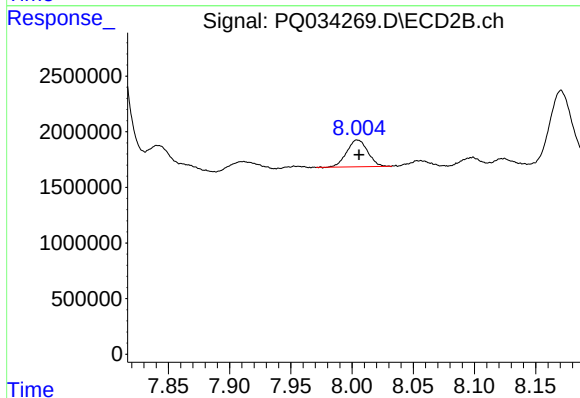
R.T.: 7.801 min  
Delta R.T.: 0.000 min  
Response: 42028621  
Conc: 131.55 ng/ml



#43 AR-1268-3

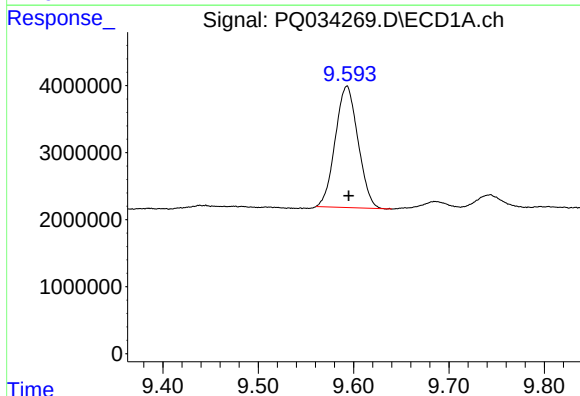
R.T.: 9.151 min  
Delta R.T.: -0.002 min  
Response: 2344647  
Conc: 6.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



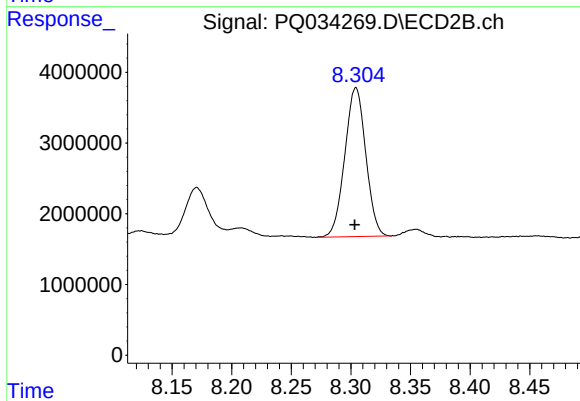
#43 AR-1268-3

R.T.: 8.004 min  
Delta R.T.: -0.001 min  
Response: 2876635  
Conc: 10.95 ng/ml



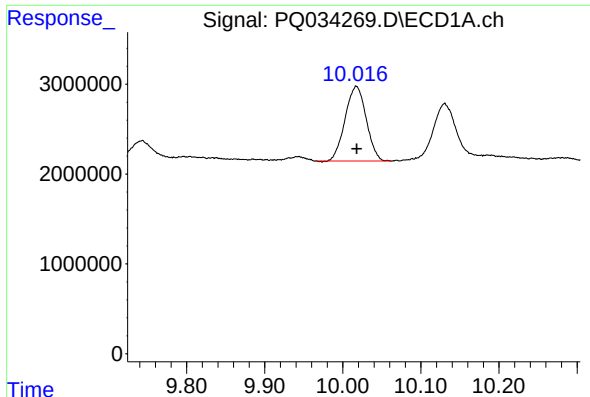
#44 AR-1268-4

R.T.: 9.593 min  
Delta R.T.: -0.002 min  
Response: 30005307  
Conc: 219.15 ng/ml



#44 AR-1268-4

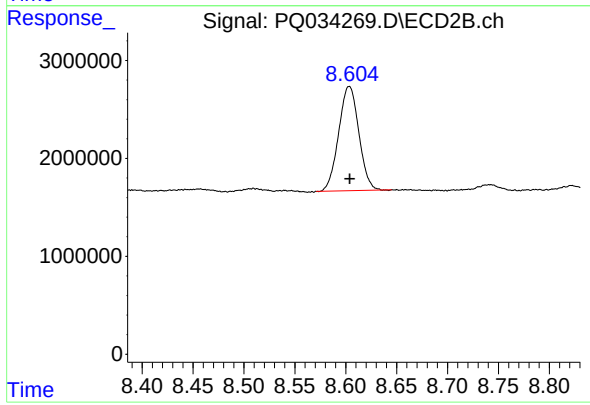
R.T.: 8.304 min  
Delta R.T.: 0.000 min  
Response: 25795466  
Conc: 232.03 ng/ml



#45 AR-1268-5

R.T.: 10.017 min  
Delta R.T.: 0.000 min  
Response: 15579777  
Conc: 13.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.603 min  
Delta R.T.: 0.000 min  
Response: 14671426  
Conc: 16.96 ng/ml