

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ042121\  
 Data File : PQ053110.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2021 12:43  
 Operator : DD\AJ  
 Sample : M2084-09  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 07:30:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ042021CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 21 07:47:07 2021  
 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... | 5.222  | 4.239  | 547.0E6  | 222.9E6  | 19.495 | 19.169   |
| 2)                          | SA Decachlor... | 11.412 | 9.579  | 1039.0E6 | 441.3E6  | 36.735 | 35.453   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 5)                          | L1 AR-1016-3    | 6.675f | 5.706  | 4283242  | 920846   | 4.872  | 2.792 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.706f | 0        | 920846   | N.D.   | 3.533 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.986  | 0        | 6210263  | N.D.   | 18.687 # |
| 8)                          | L2 AR-1221-1    | 5.488  | 4.451f | 18971681 | 784547   | 62.380 | 6.152 #  |
| 9)                          | L2 AR-1221-2    | 5.578  | 4.592  | 7243085  | 2680897  | 35.102 | 30.171   |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.737f | 0        | 1553685  | N.D.   | 5.031 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.737f | 0        | 1553685  | N.D.   | 6.806 #  |
| 12)                         | L3 AR-1232-2    | 6.188f | 0.000  | 7193401  | 0        | 25.689 | N.D. #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.706  | 0        | 920846   | N.D.   | 7.529 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.986  | 0        | 6210263  | N.D.   | 52.946 # |
| 18)                         | L4 AR-1242-3    | 6.675f | 5.706  | 4283242  | 920846   | 5.190  | 3.040 #  |
| 19)                         | L4 AR-1242-4    | 6.675f | 0.000  | 4283242  | 0        | 6.252  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 7.481f | 6.335  | 4610839  | 1013104  | 6.320  | 2.557 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.706f | 0        | 920846   | N.D.   | 2.477 #  |
| 24)                         | L5 AR-1248-4    | 7.481  | 5.986  | 4610839  | 6210263  | 4.035  | 13.284 # |
| 25)                         | L5 AR-1248-5    | 7.481f | 0.000  | 4610839  | 0        | 4.046  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 7.481  | 6.335  | 4610839  | 1013104  | 2.933  | 0.945 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.968  | 0        | 4234369  | N.D.   | 2.734 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 7.147f | 0        | 2992196  | N.D.   | 2.858 #  |
| 30)                         | L6 AR-1254-5    | 8.787  | 7.684f | 38055334 | 8577211  | 18.603 | 5.878 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.093  | 0        | 5878789  | N.D.   | 9.072 #  |
| 32)                         | L7 AR-1260-2    | 8.503  | 7.298  | 3351776  | 5141619  | 2.406  | 5.547 #  |
| 33)                         | L7 AR-1260-3    | 8.923f | 7.484f | 3250134  | 2875299  | 3.036  | 3.695    |
| 34)                         | L7 AR-1260-4    | 9.048f | 7.919  | 5916747  | 31102962 | 4.886  | 45.813 # |
| 35)                         | L7 AR-1260-5    | 0.000  | 8.152  | 0        | 29320363 | N.D.   | 15.848 # |
| 36)                         | L8 AR-1262-1    | 8.923f | 7.684f | 3250134  | 8577211  | 1.625  | 13.992 # |
| 37)                         | L8 AR-1262-2    | 0.000  | 8.152  | 0        | 29320363 | N.D.   | 11.539 # |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.516f | 0        | 14439741 | N.D.   | 14.214 # |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.516  | 0        | 14439741 | N.D.   | 8.382 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.516f | 0        | 14439741 | N.D.   | 4.930 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.516  | 0        | 14439741 | N.D.   | 5.800 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.728  | 0        | 11393469 | N.D.   | 5.256 #  |
| 45)                         | L9 AR-1268-5    | 11.052 | 9.320  | 7425367  | 4606308  | 0.576  | 0.743 #  |
| -----                       |                 |        |        |          |          |        |          |

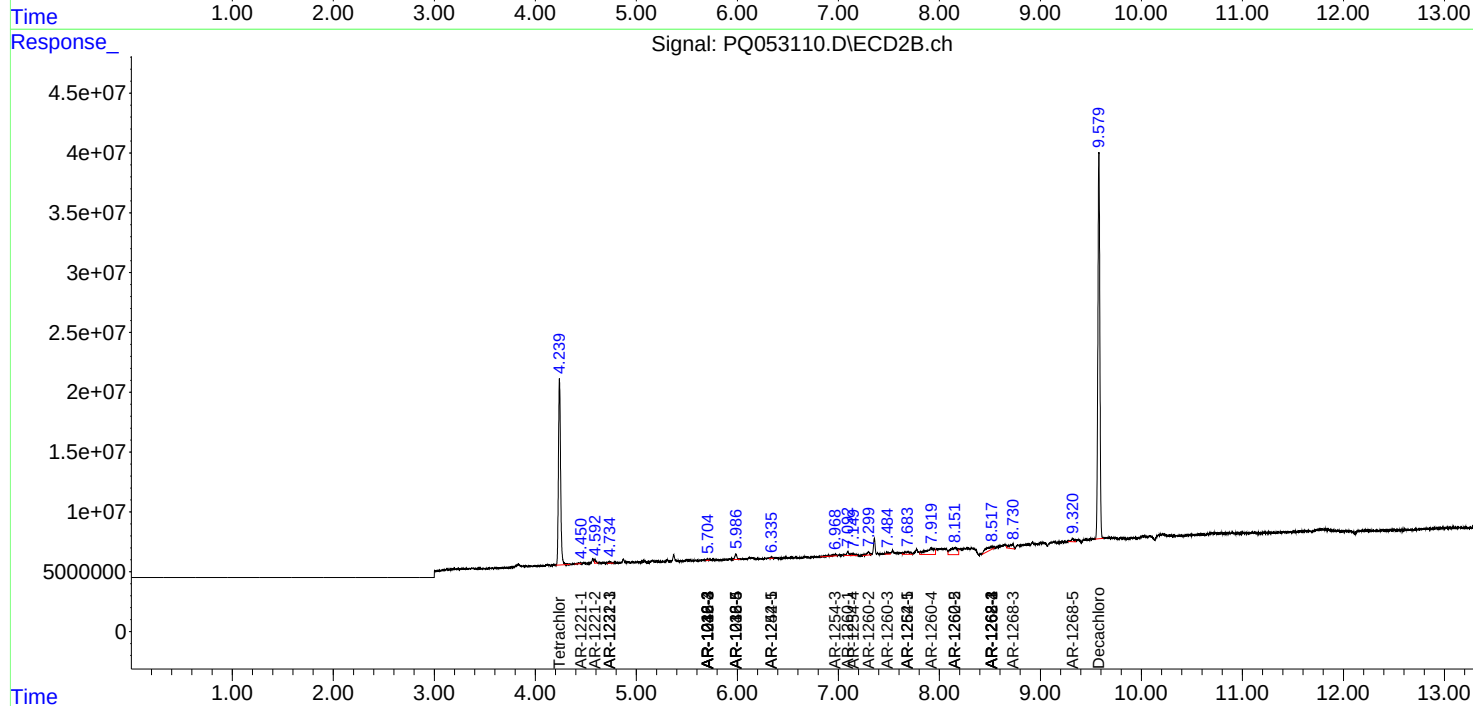
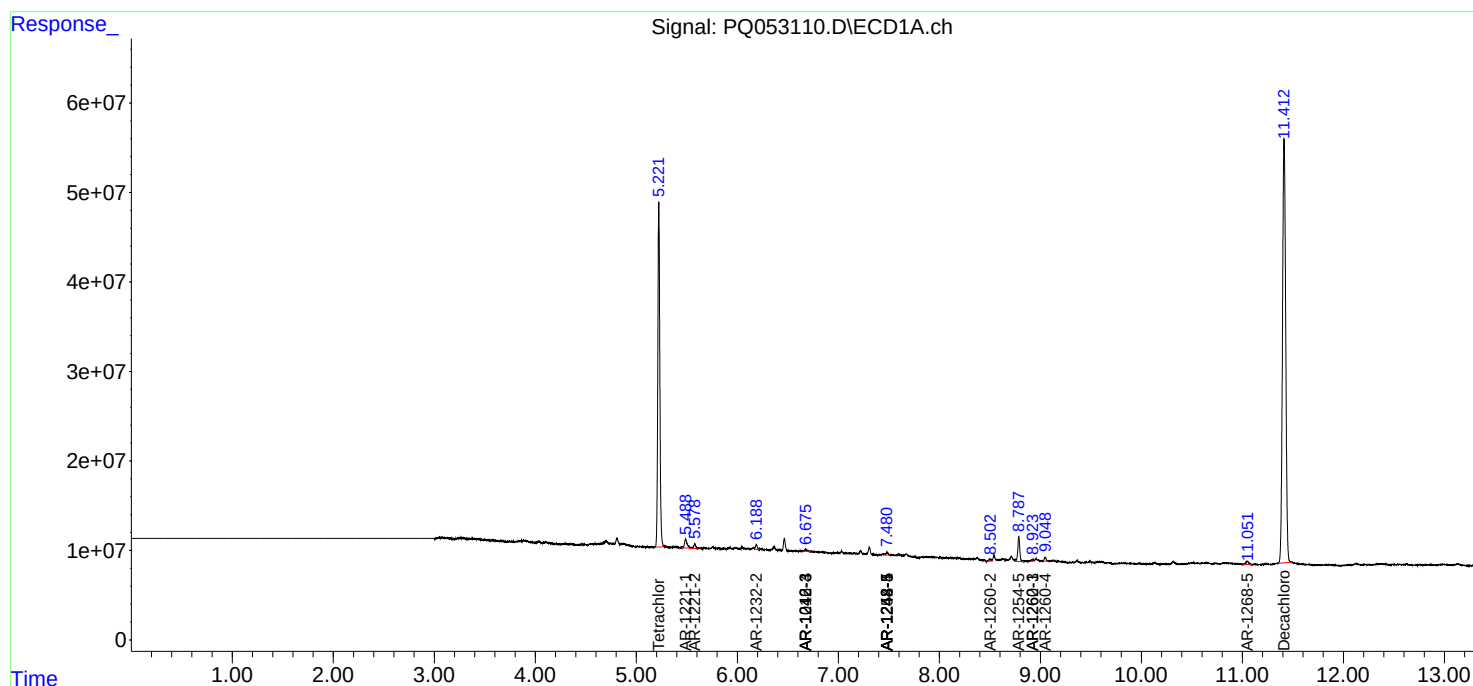
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

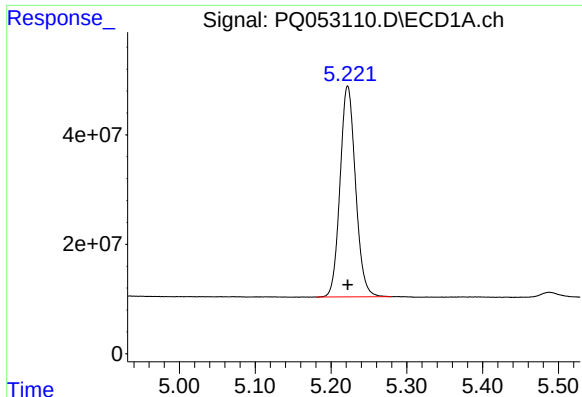
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ042121\  
Data File : PQ053110.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2021 12:43  
Operator : DD\AJ  
Sample : M2084-09  
Misc :  
ALS Vial : 55 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 07:30:34 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ042021CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 21 07:47:07 2021  
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

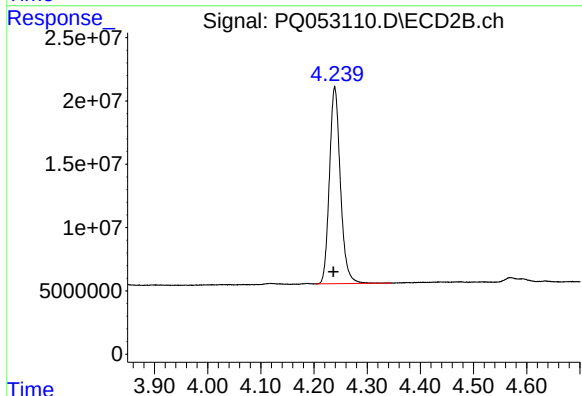




#1 Tetrachloro-m-xylene

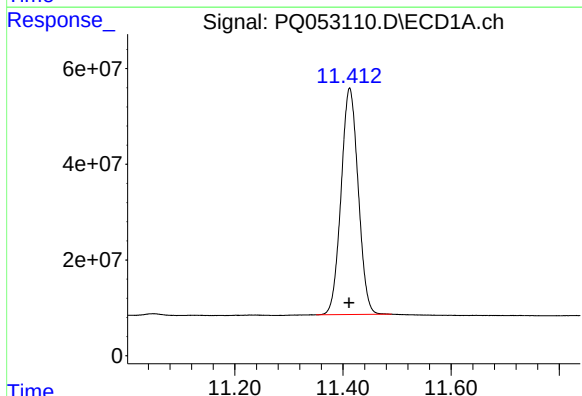
R.T.: 5.222 min  
Delta R.T.: 0.000 min  
Response: 547007077  
Conc: 19.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



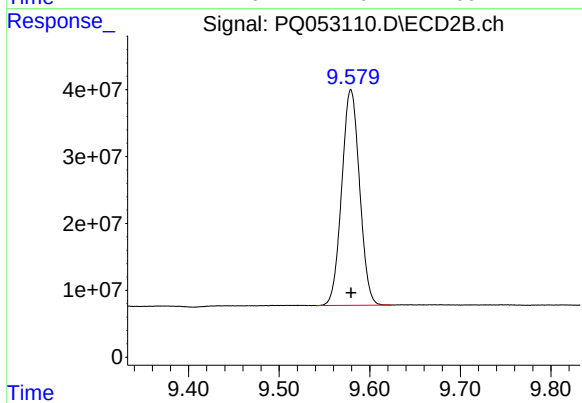
#1 Tetrachloro-m-xylene

R.T.: 4.239 min  
Delta R.T.: 0.002 min  
Response: 222912509  
Conc: 19.17 ng/ml



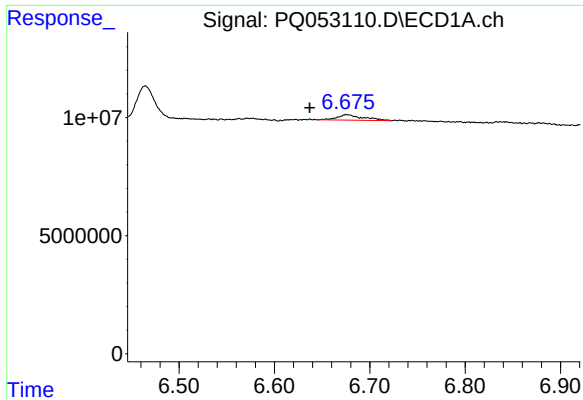
#2 Decachlorobiphenyl

R.T.: 11.412 min  
Delta R.T.: 0.001 min  
Response: 1038953283  
Conc: 36.74 ng/ml



#2 Decachlorobiphenyl

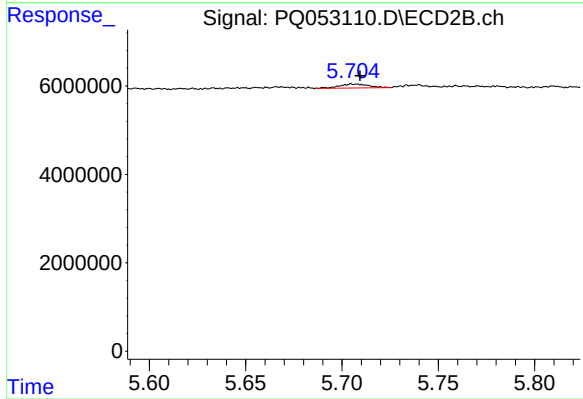
R.T.: 9.579 min  
Delta R.T.: 0.000 min  
Response: 441253899  
Conc: 35.45 ng/ml



#5 AR-1016-3

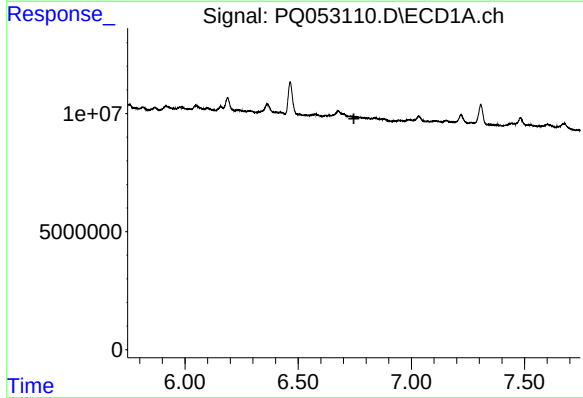
R.T.: 6.675 min  
Delta R.T.: 0.038 min  
Response: 4283242  
Conc: 4.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



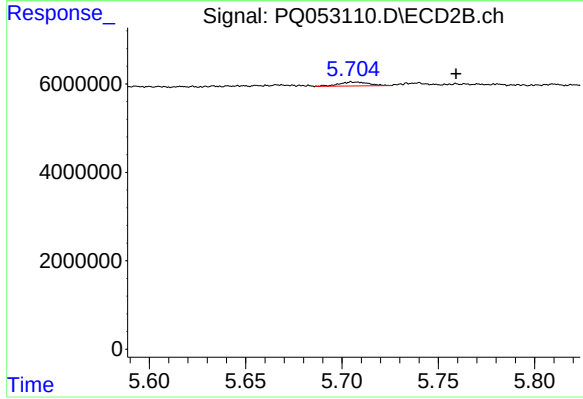
#5 AR-1016-3

R.T.: 5.706 min  
Delta R.T.: -0.003 min  
Response: 920846  
Conc: 2.79 ng/ml



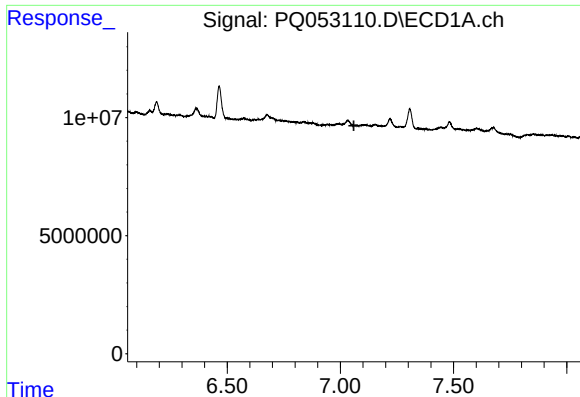
#6 AR-1016-4

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



#6 AR-1016-4

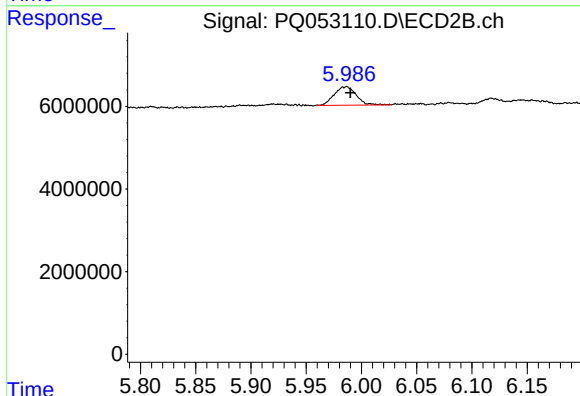
R.T.: 5.706 min  
Delta R.T.: -0.053 min  
Response: 920846  
Conc: 3.53 ng/ml



#7 AR-1016-5

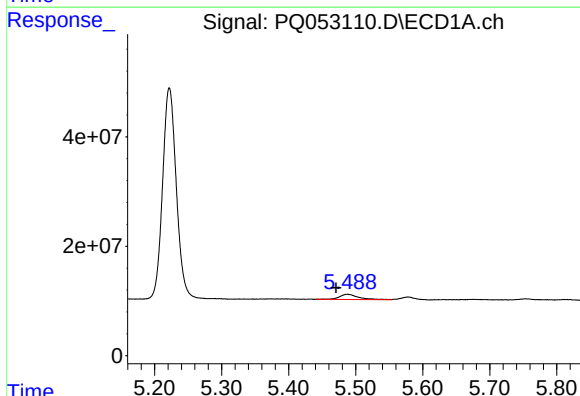
R.T.: 0.000 min  
Exp R.T.: 7.060 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



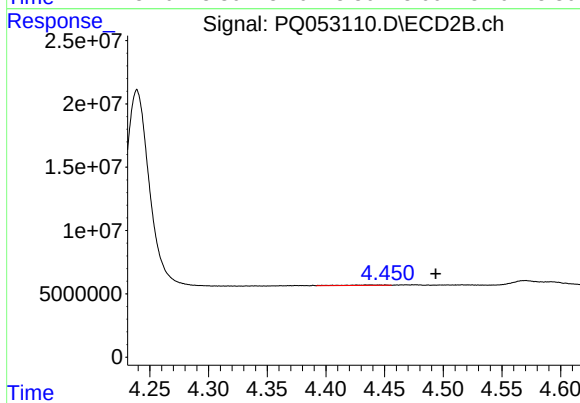
#7 AR-1016-5

R.T.: 5.986 min  
Delta R.T.: -0.004 min  
Response: 6210263  
Conc: 18.69 ng/ml



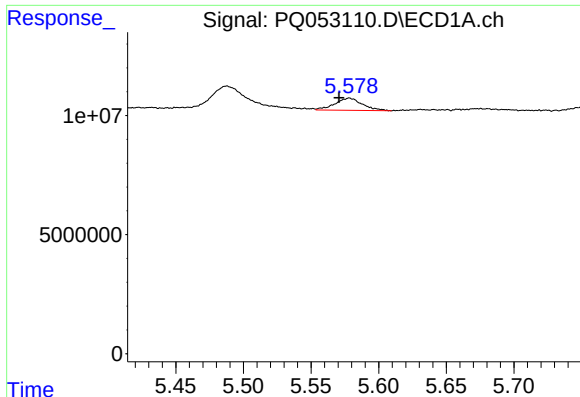
#8 AR-1221-1

R.T.: 5.488 min  
Delta R.T.: 0.017 min  
Response: 18971681  
Conc: 62.38 ng/ml



#8 AR-1221-1

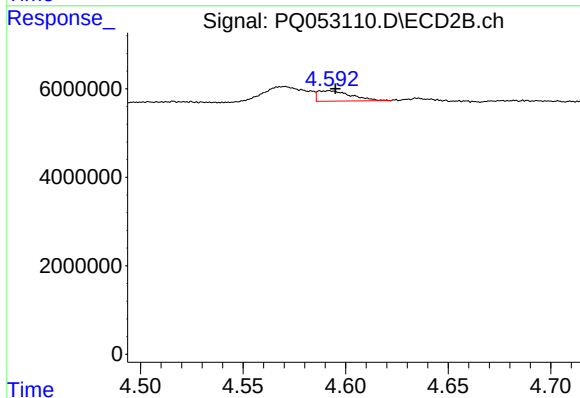
R.T.: 4.451 min  
Delta R.T.: -0.043 min  
Response: 784547  
Conc: 6.15 ng/ml



#9 AR-1221-2

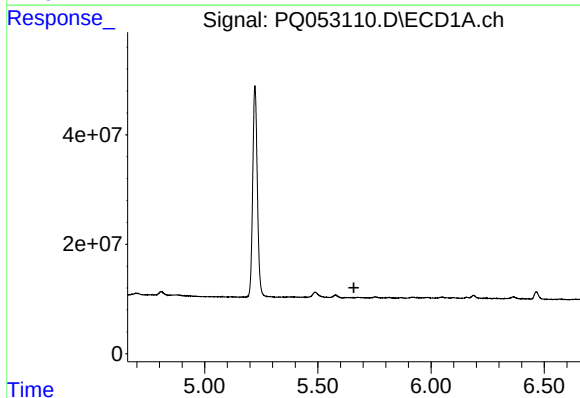
R.T.: 5.578 min  
Delta R.T.: 0.008 min  
Response: 7243085  
Conc: 35.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



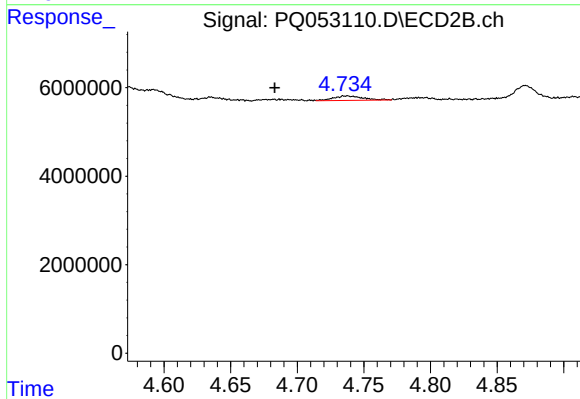
#9 AR-1221-2

R.T.: 4.592 min  
Delta R.T.: -0.003 min  
Response: 2680897  
Conc: 30.17 ng/ml



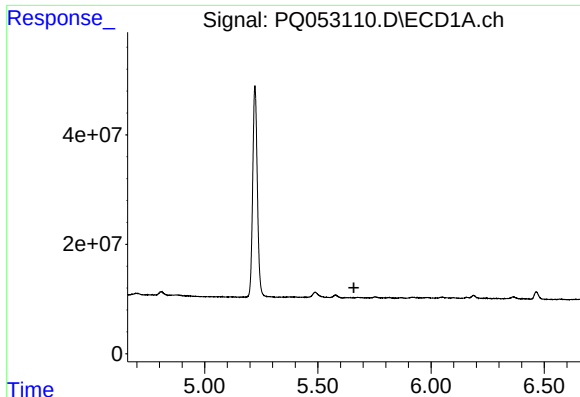
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.659 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

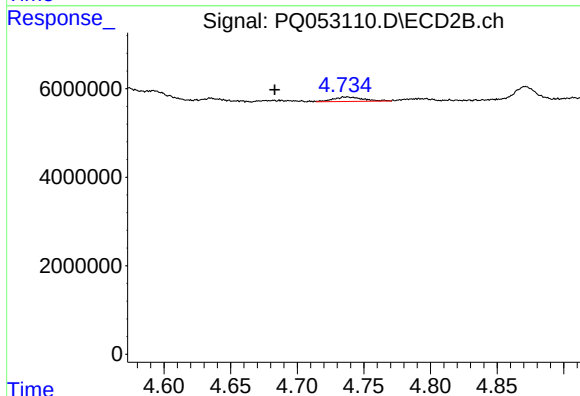
R.T.: 4.737 min  
Delta R.T.: 0.054 min  
Response: 1553685  
Conc: 5.03 ng/ml



#11 AR-1232-1

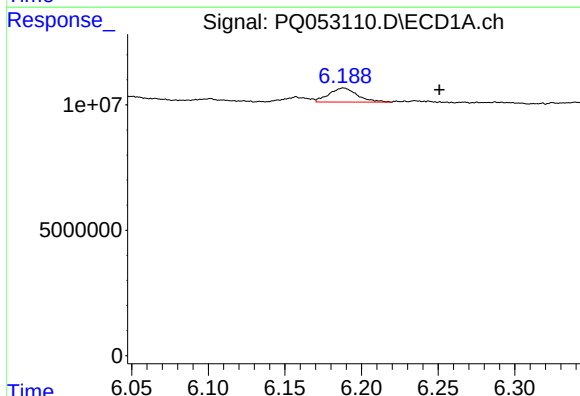
R.T.: 0.000 min  
Exp R.T.: 5.659 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



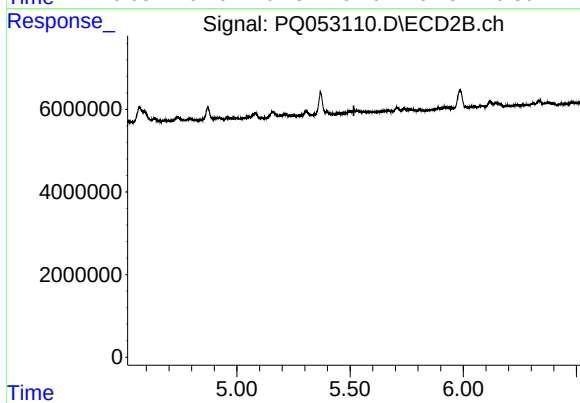
#11 AR-1232-1

R.T.: 4.737 min  
Delta R.T.: 0.054 min  
Response: 1553685  
Conc: 6.81 ng/ml



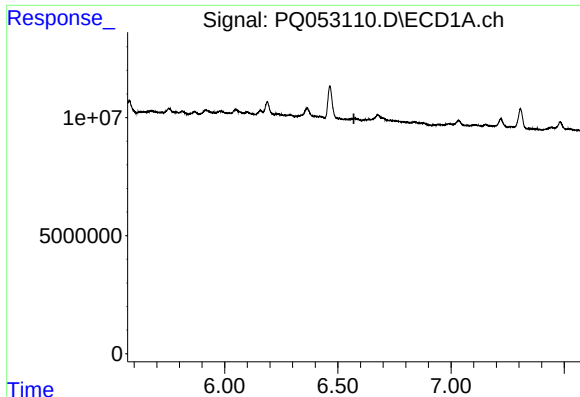
#12 AR-1232-2

R.T.: 6.188 min  
Delta R.T.: -0.063 min  
Response: 7193401  
Conc: 25.69 ng/ml



#12 AR-1232-2

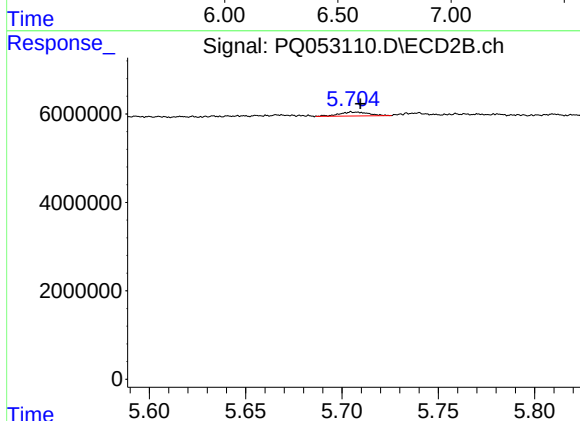
R.T.: 0.000 min  
Exp R.T.: 5.517 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

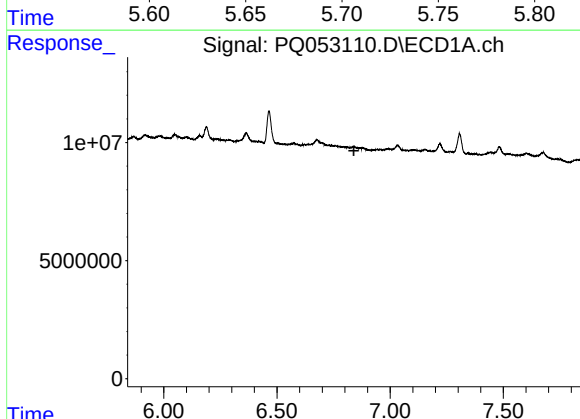
R.T.: 0.000 min  
Exp R.T.: 6.571 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



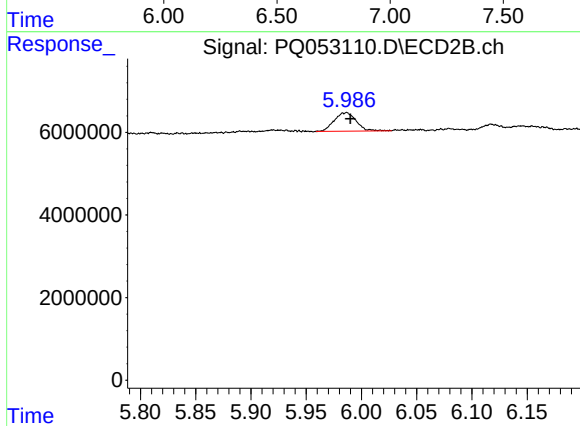
#13 AR-1232-3

R.T.: 5.706 min  
Delta R.T.: -0.003 min  
Response: 920846  
Conc: 7.53 ng/ml



#15 AR-1232-5

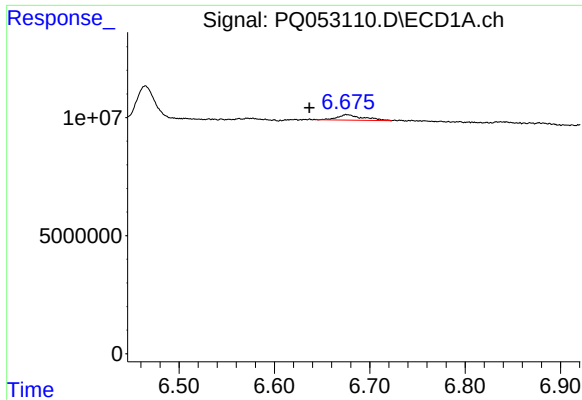
R.T.: 0.000 min  
Exp R.T.: 6.840 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

R.T.: 5.986 min  
Delta R.T.: -0.004 min  
Response: 6210263  
Conc: 52.95 ng/ml

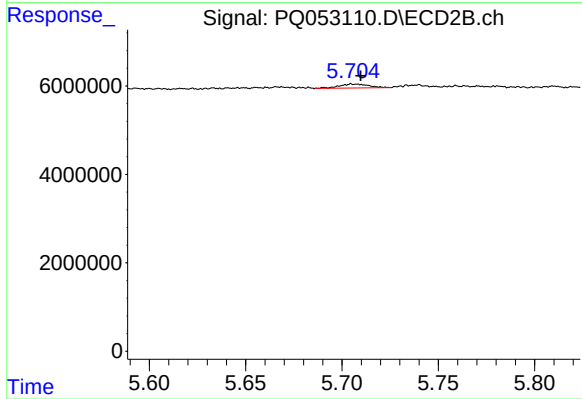




#18 AR-1242-3

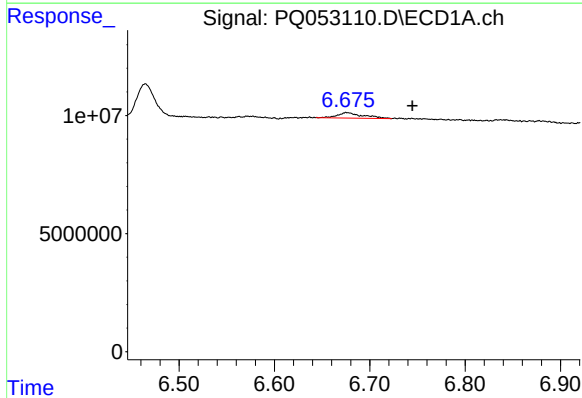
R.T.: 6.675 min  
Delta R.T.: 0.038 min  
Response: 4283242  
Conc: 5.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



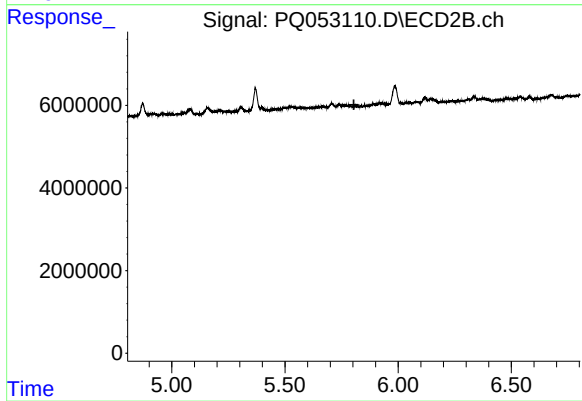
#18 AR-1242-3

R.T.: 5.706 min  
Delta R.T.: -0.004 min  
Response: 920846  
Conc: 3.04 ng/ml



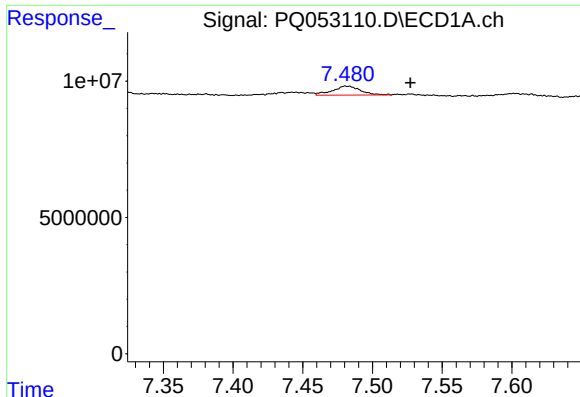
#19 AR-1242-4

R.T.: 6.675 min  
Delta R.T.: -0.069 min  
Response: 4283242  
Conc: 6.25 ng/ml



#19 AR-1242-4

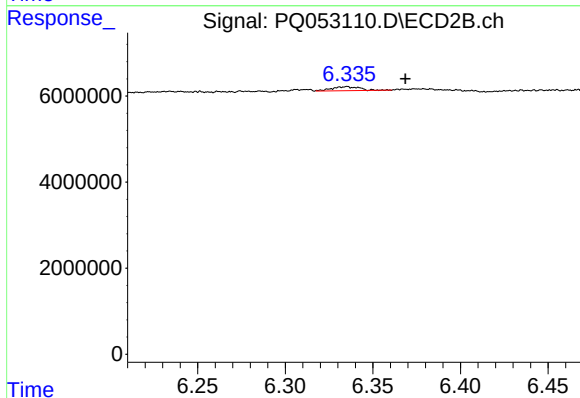
R.T.: 0.000 min  
Exp R.T.: 5.805 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

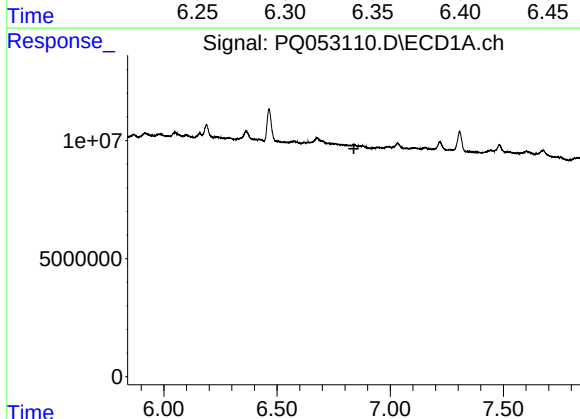
R.T.: 7.481 min  
Delta R.T.: -0.047 min  
Response: 4610839  
Conc: 6.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



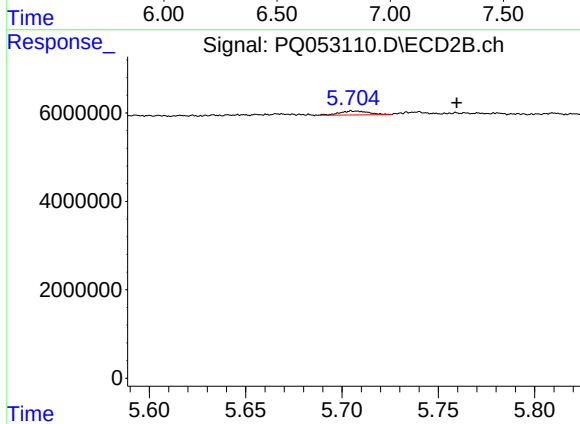
#20 AR-1242-5

R.T.: 6.335 min  
Delta R.T.: -0.034 min  
Response: 1013104  
Conc: 2.56 ng/ml



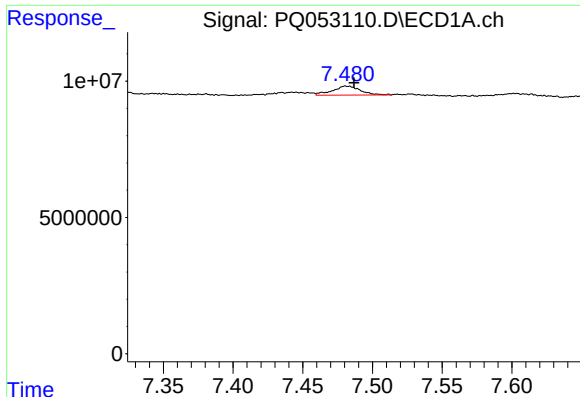
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.840 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

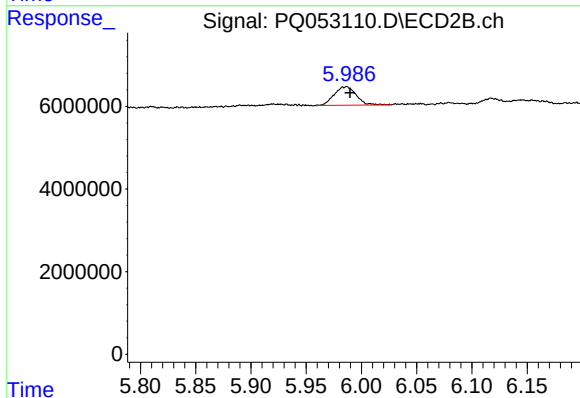
R.T.: 5.706 min  
Delta R.T.: -0.054 min  
Response: 920846  
Conc: 2.48 ng/ml



#24 AR-1248-4

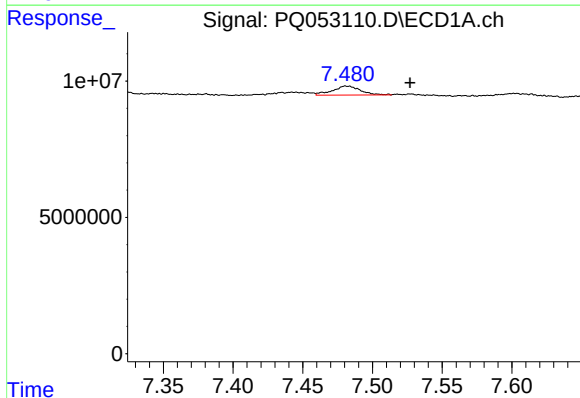
R.T.: 7.481 min  
Delta R.T.: -0.006 min  
Response: 4610839  
Conc: 4.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



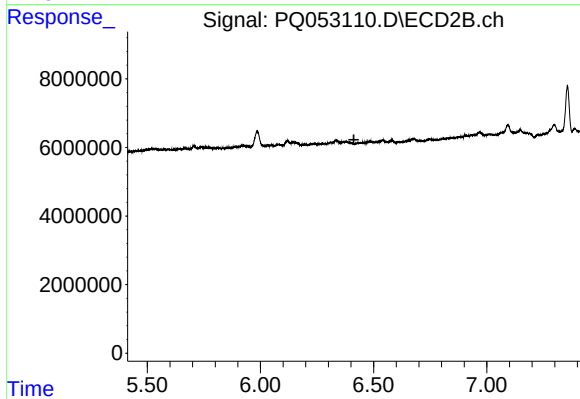
#24 AR-1248-4

R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 6210263  
Conc: 13.28 ng/ml



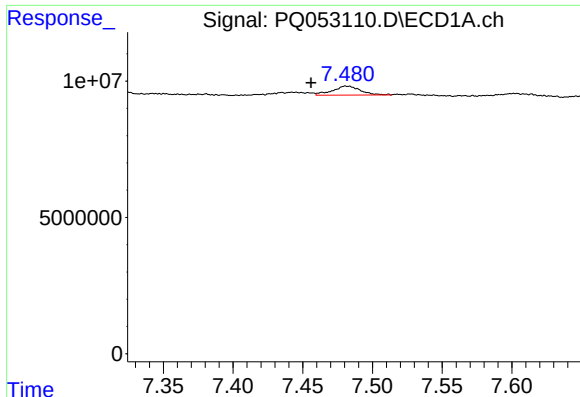
#25 AR-1248-5

R.T.: 7.481 min  
Delta R.T.: -0.046 min  
Response: 4610839  
Conc: 4.05 ng/ml



#25 AR-1248-5

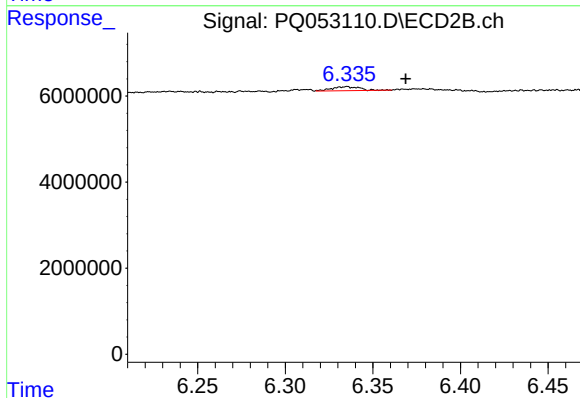
R.T.: 0.000 min  
Exp R.T.: 6.413 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

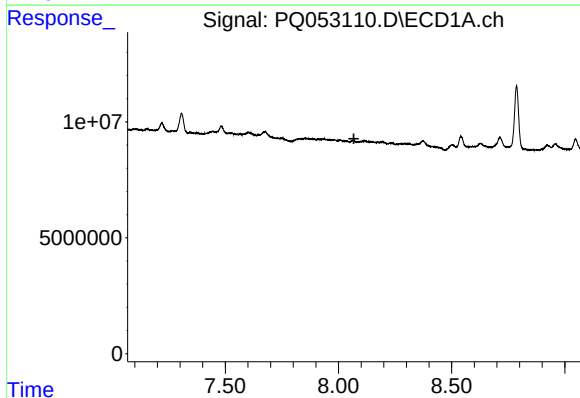
R.T.: 7.481 min  
Delta R.T.: 0.025 min  
Response: 4610839  
Conc: 2.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



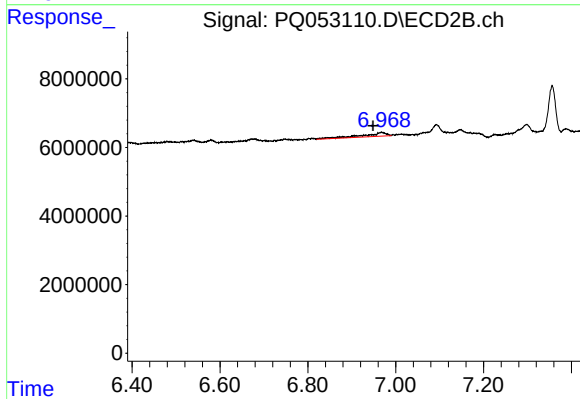
#26 AR-1254-1

R.T.: 6.335 min  
Delta R.T.: -0.034 min  
Response: 1013104  
Conc: 0.94 ng/ml



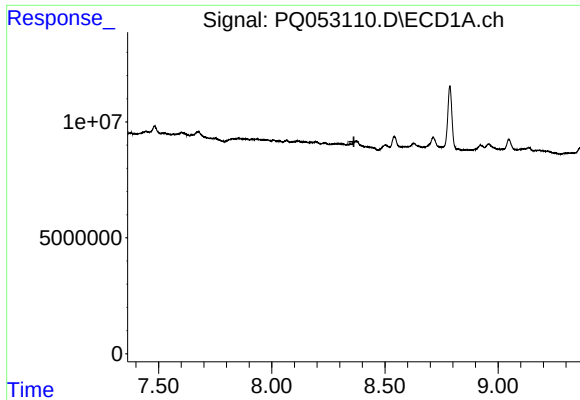
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 8.068 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

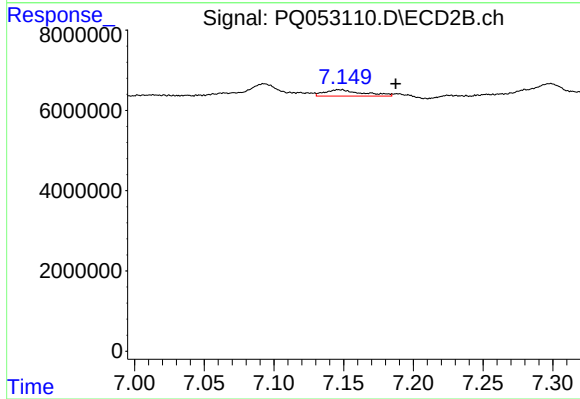
R.T.: 6.968 min  
Delta R.T.: 0.019 min  
Response: 4234369  
Conc: 2.73 ng/ml



#29 AR-1254-4

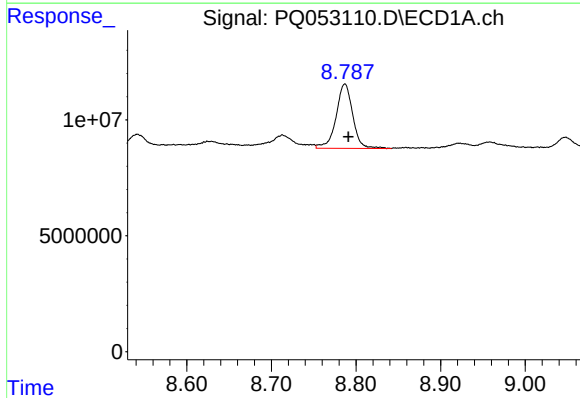
R.T.: 0.000 min  
Exp R.T.: 8.363 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



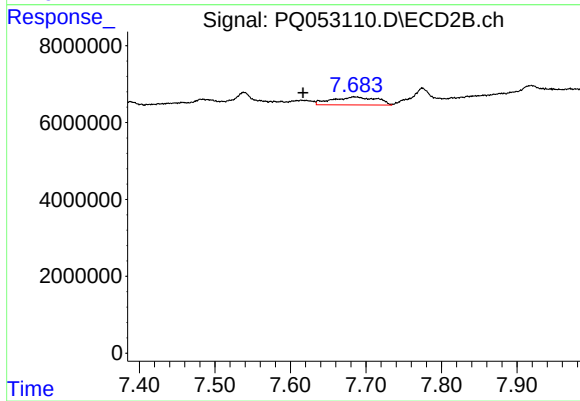
#29 AR-1254-4

R.T.: 7.147 min  
Delta R.T.: -0.040 min  
Response: 2992196  
Conc: 2.86 ng/ml



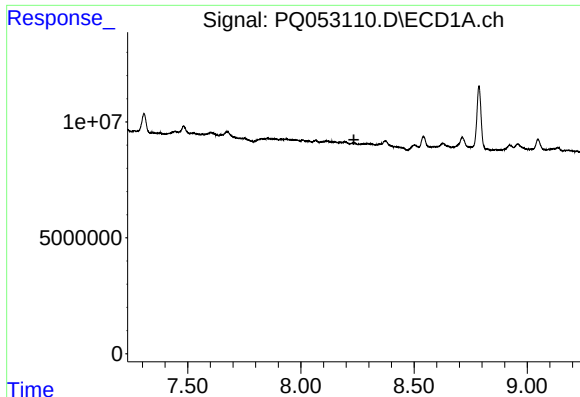
#30 AR-1254-5

R.T.: 8.787 min  
Delta R.T.: -0.004 min  
Response: 38055334  
Conc: 18.60 ng/ml



#30 AR-1254-5

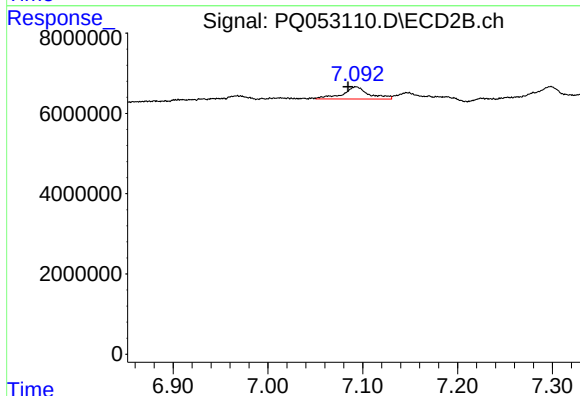
R.T.: 7.684 min  
Delta R.T.: 0.068 min  
Response: 8577211  
Conc: 5.88 ng/ml



#31 AR-1260-1

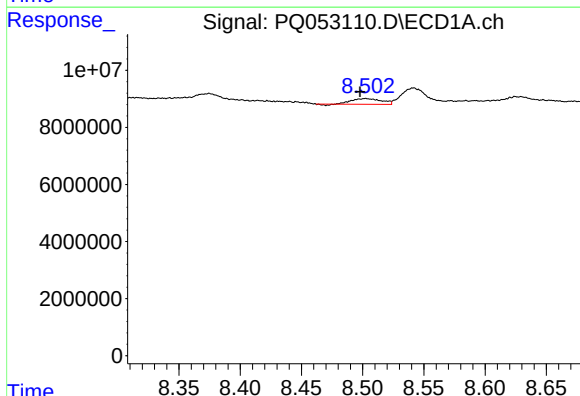
R.T.: 0.000 min  
Exp R.T.: 8.234 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



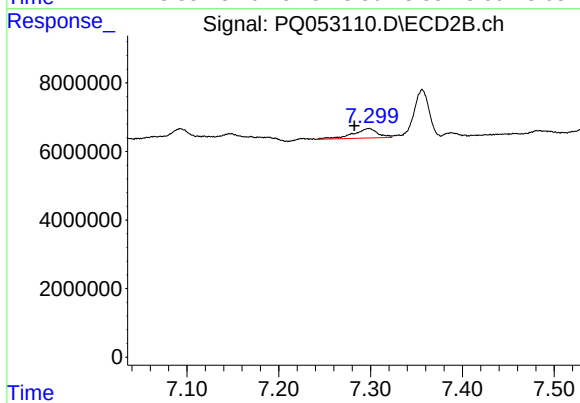
#31 AR-1260-1

R.T.: 7.093 min  
Delta R.T.: 0.008 min  
Response: 5878789  
Conc: 9.07 ng/ml



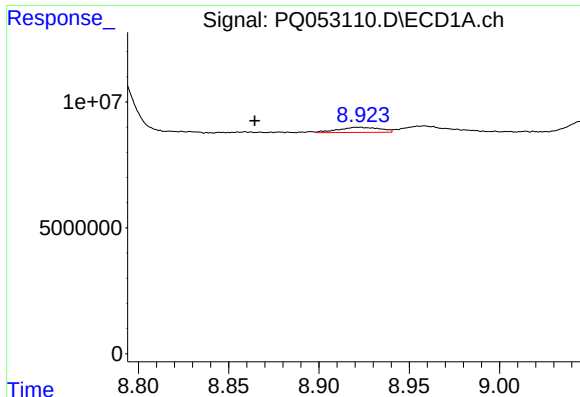
#32 AR-1260-2

R.T.: 8.503 min  
Delta R.T.: 0.005 min  
Response: 3351776  
Conc: 2.41 ng/ml



#32 AR-1260-2

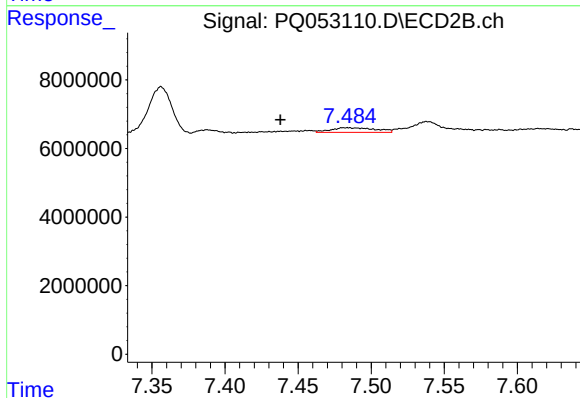
R.T.: 7.298 min  
Delta R.T.: 0.016 min  
Response: 5141619  
Conc: 5.55 ng/ml



#33 AR-1260-3

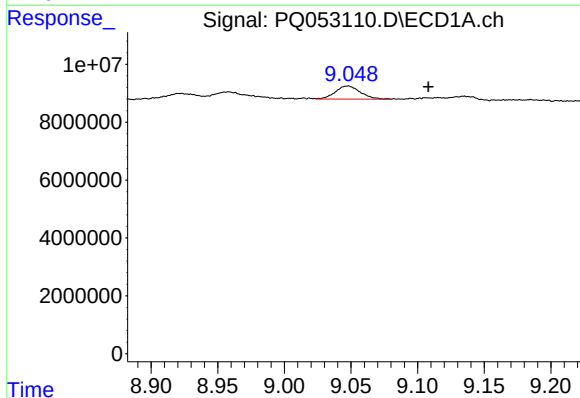
R.T.: 8.923 min  
Delta R.T.: 0.059 min  
Response: 3250134  
Conc: 3.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



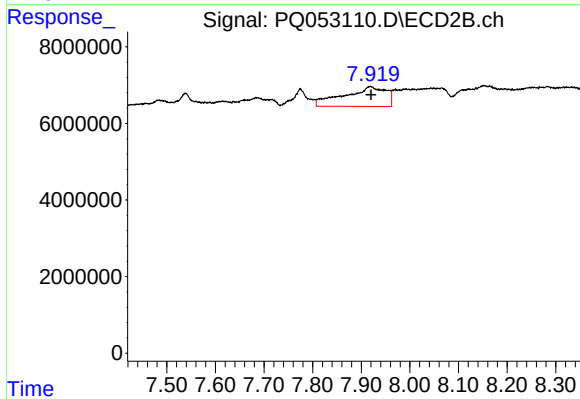
#33 AR-1260-3

R.T.: 7.484 min  
Delta R.T.: 0.046 min  
Response: 2875299  
Conc: 3.70 ng/ml



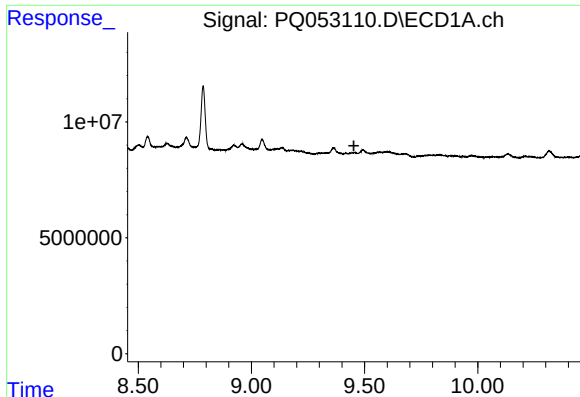
#34 AR-1260-4

R.T.: 9.048 min  
Delta R.T.: -0.060 min  
Response: 5916747  
Conc: 4.89 ng/ml



#34 AR-1260-4

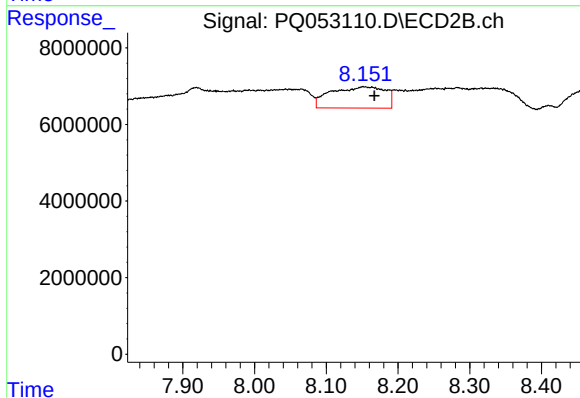
R.T.: 7.919 min  
Delta R.T.: -0.002 min  
Response: 31102962  
Conc: 45.81 ng/ml



#35 AR-1260-5

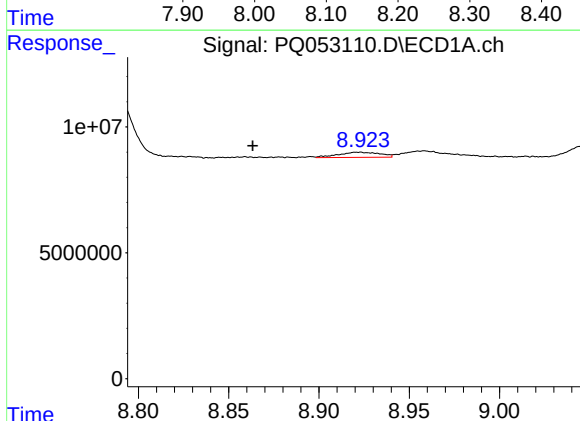
R.T.: 0.000 min  
Exp R.T.: 9.453 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



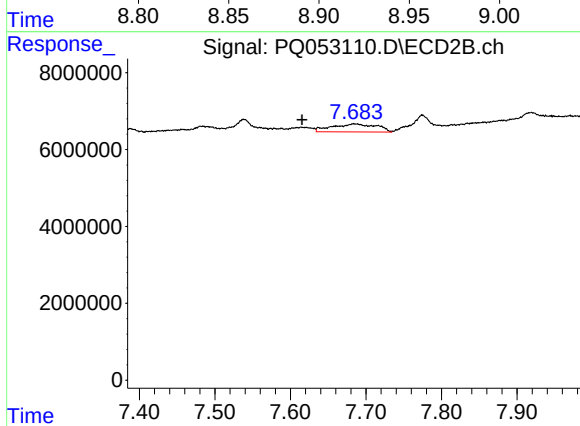
#35 AR-1260-5

R.T.: 8.152 min  
Delta R.T.: -0.015 min  
Response: 29320363  
Conc: 15.85 ng/ml



#36 AR-1262-1

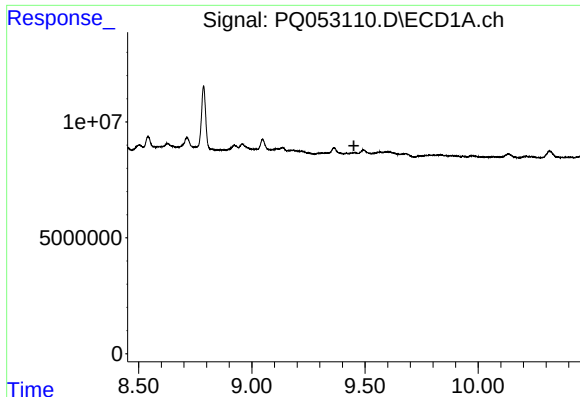
R.T.: 8.923 min  
Delta R.T.: 0.060 min  
Response: 3250134  
Conc: 1.63 ng/ml



#36 AR-1262-1

R.T.: 7.684 min  
Delta R.T.: 0.069 min  
Response: 8577211  
Conc: 13.99 ng/ml

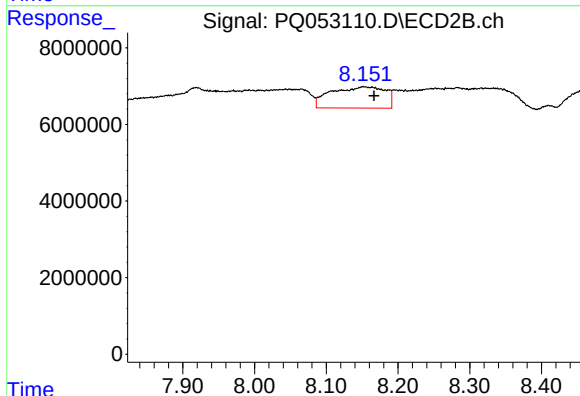




#37 AR-1262-2

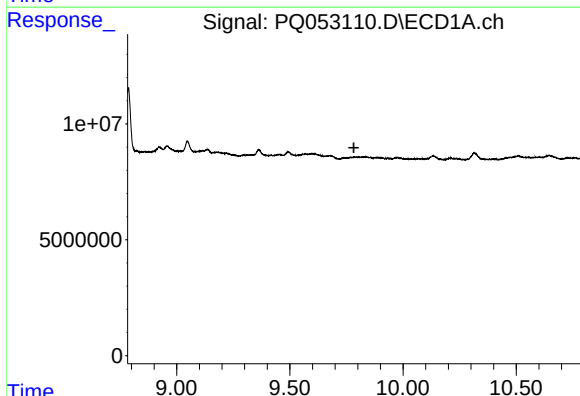
R.T.: 0.000 min  
Exp R.T.: 9.451 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



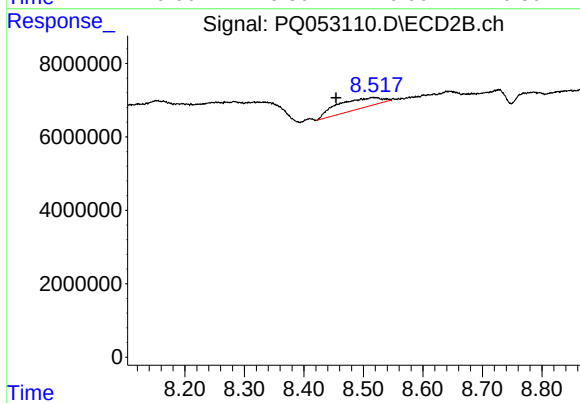
#37 AR-1262-2

R.T.: 8.152 min  
Delta R.T.: -0.015 min  
Response: 29320363  
Conc: 11.54 ng/ml



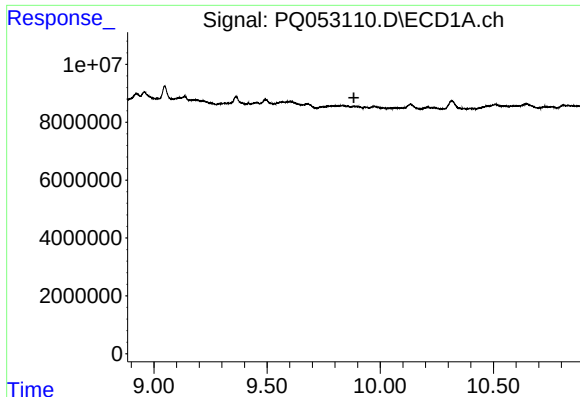
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 9.783 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

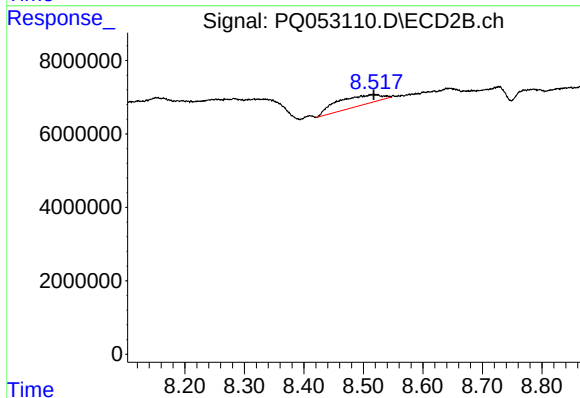
R.T.: 8.516 min  
Delta R.T.: 0.062 min  
Response: 14439741  
Conc: 14.21 ng/ml



#39 AR-1262-4

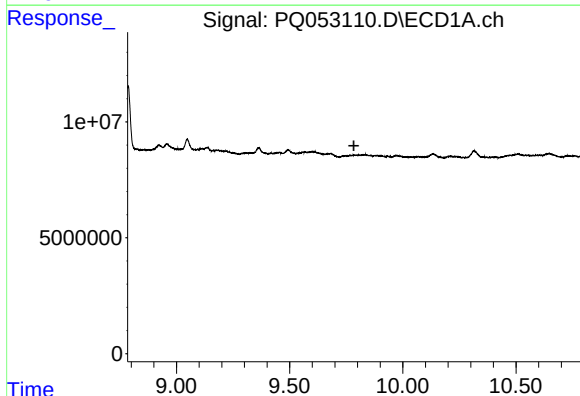
R.T.: 0.000 min  
Exp R.T. : 9.884 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



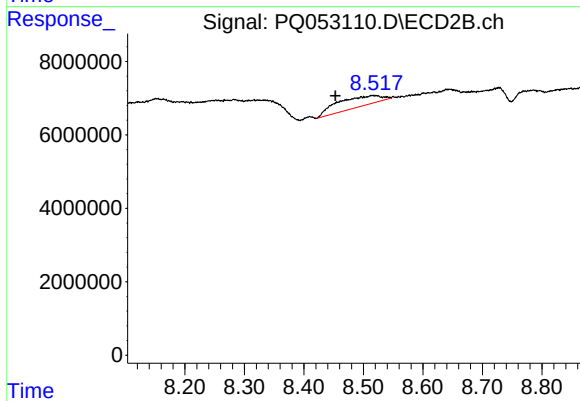
#39 AR-1262-4

R.T.: 8.516 min  
Delta R.T.: -0.002 min  
Response: 14439741  
Conc: 8.38 ng/ml



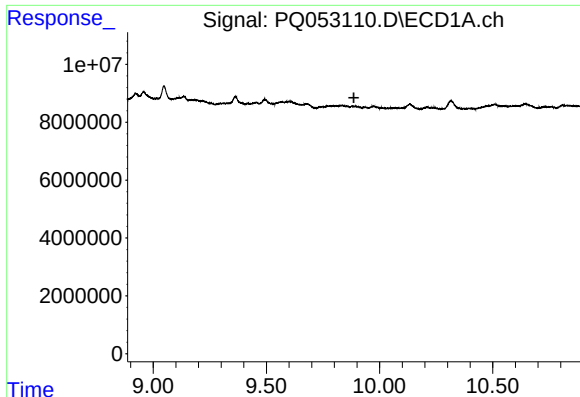
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.784 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

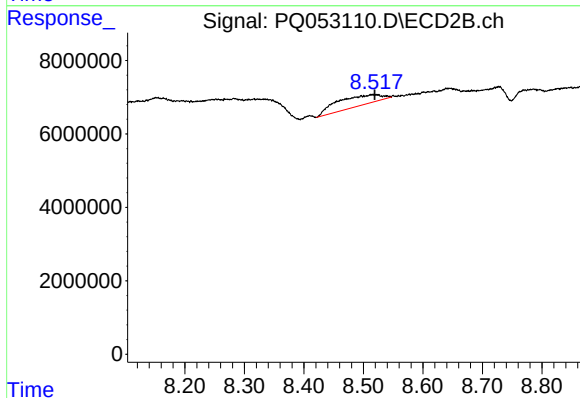
R.T.: 8.516 min  
Delta R.T.: 0.063 min  
Response: 14439741  
Conc: 4.93 ng/ml



#42 AR-1268-2

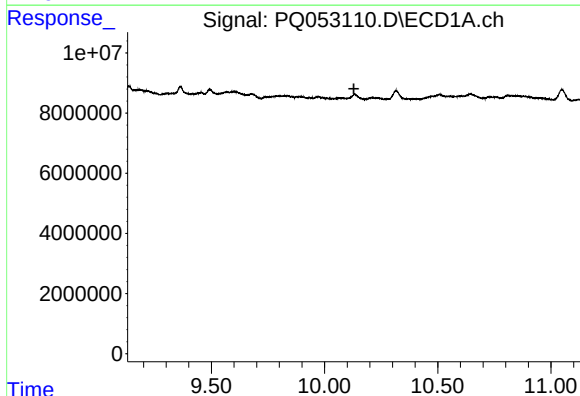
R.T.: 0.000 min  
Exp R.T.: 9.886 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



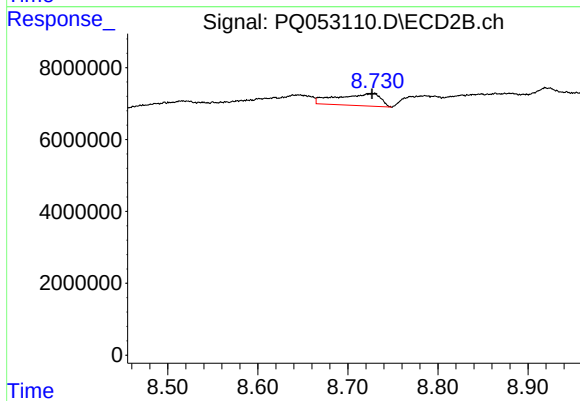
#42 AR-1268-2

R.T.: 8.516 min  
Delta R.T.: -0.003 min  
Response: 14439741  
Conc: 5.80 ng/ml



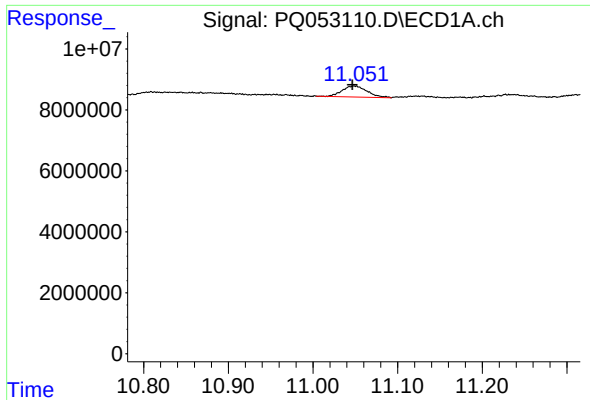
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 10.129 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

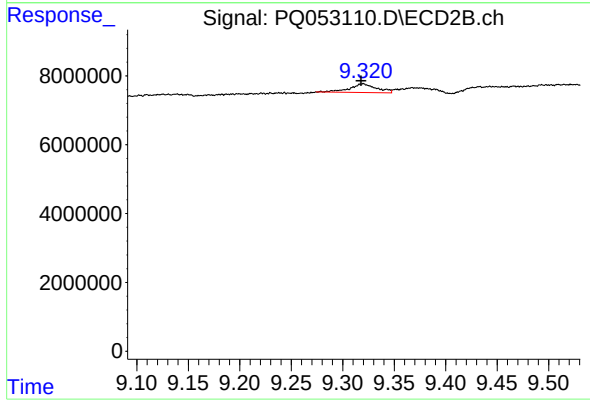
R.T.: 8.728 min  
Delta R.T.: 0.001 min  
Response: 11393469  
Conc: 5.26 ng/ml



#45 AR-1268-5

R.T.: 11.052 min  
Delta R.T.: 0.005 min  
Response: 7425367  
Conc: 0.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.320 min  
Delta R.T.: 0.002 min  
Response: 4606308  
Conc: 0.74 ng/ml