

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ021921\  
 Data File : PQ052363.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Feb 2021 08:35  
 Operator : DD\AJ  
 Sample : AIBLK48  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

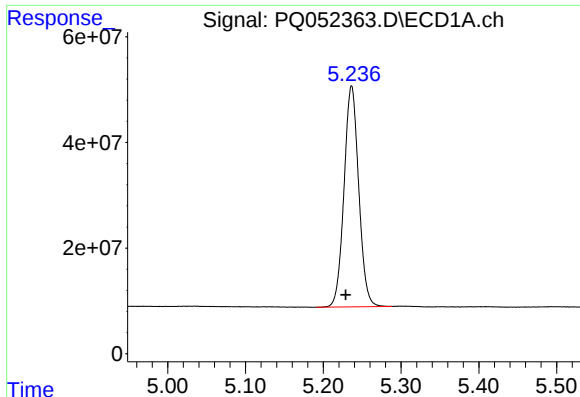
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 20 04:40:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ021221CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Feb 12 07:36:14 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 5.236   | 4.244  | 548.0E6  | 192.2E6  | 22.315 | 22.918   |
| 2)                          | SA Decachlor... | 11.434  | 9.594  | 951.6E6  | 366.2E6  | 46.433 | 47.479   |
| Target Compounds            |                 |         |        |          |          |        |          |
| 4)                          | L1 AR-1016-2    | 6.636f  | 0.000  | 410349   | 0        | 0.348  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 6.636   | 0.000  | 410349   | 0        | 0.575  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 5.494   | 0.000  | 5381886  | 0        | 21.102 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.592   | 4.600  | 7311839  | 2542399  | 41.570 | 40.179   |
| 10)                         | L2 AR-1221-3    | 5.669   | 4.754f | 4772114  | 150475   | 8.105  | 0.698 #  |
| 11)                         | L3 AR-1232-1    | 5.669   | 4.754f | 4772114  | 150475   | 9.711  | 0.832 #  |
| 13)                         | L3 AR-1232-3    | 6.636f  | 0.000  | 410349   | 0        | 0.780  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 6.883f  | 0.000  | 1174538  | 0        | 6.358  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 6.636f  | 0.000  | 410349   | 0        | 0.406  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 6.652   | 0.000  | 46177    | 0        | 0.076  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 7.475f  | 6.439f | 9850585  | 132480   | 17.461 | 0.528 #  |
| 22)                         | L5 AR-1248-2    | 6.883f  | 0.000  | 1174538  | 0        | 1.528  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 7.475   | 0.000  | 9850585  | 0        | 9.475  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 7.475f  | 6.439  | 9850585  | 132480   | 9.616  | 0.371 #  |
| 26)                         | L6 AR-1254-1    | 7.475   | 6.439f | 9850585  | 132480   | 9.916  | 0.248 #  |
| 27)                         | L6 AR-1254-2    | 7.729f  | 0.000  | 21402755 | 0        | 13.847 | N.D. #   |
| 28)                         | L6 AR-1254-3    | 8.063   | 0.000  | 9001676  | 0        | 5.326  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 8.332f  | 7.264f | 10042100 | 10729318 | 8.006  | 21.266 # |
| 30)                         | L6 AR-1254-5    | 8.834f  | 0.000  | 7125231  | 0        | 5.302  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 8.300f  | 0.000  | 7145094  | 0        | 7.150  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 8.520   | 7.287  | 21770865 | 673230   | 17.725 | 1.268 #  |
| 33)                         | L7 AR-1260-3    | 8.834f  | 0.000  | 7125231  | 0        | 7.791  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.417f  | 8.155  | 8246702  | 2093994  | 3.635  | 1.945 #  |
| 36)                         | L8 AR-1262-1    | 8.834f  | 0.000  | 7125231  | 0        | 4.526  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 9.417f  | 8.155  | 8246702  | 2093994  | 2.753  | 1.561 #  |
| 38)                         | L8 AR-1262-3    | 9.834f  | 0.000  | 1417377  | 0        | 0.712  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 9.834f  | 0.000  | 1417377  | 0        | 0.931  | N.D. #   |
| 40)                         | L8 AR-1262-5    | 10.662f | 0.000  | 2354752  | 0        | 2.164  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 9.834f  | 0.000  | 1417377  | 0        | 0.403  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 9.834f  | 0.000  | 1417377  | 0        | 0.432  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 10.148  | 8.737  | 4982735  | 2297125  | 1.791  | 1.832    |
| 44)                         | L9 AR-1268-4    | 10.662f | 0.000  | 2354752  | 0        | 1.931  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 11.069  | 9.334  | 8743914  | 2785371  | 0.895  | 0.693    |
| -----                       |                 |         |        |          |          |        |          |

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

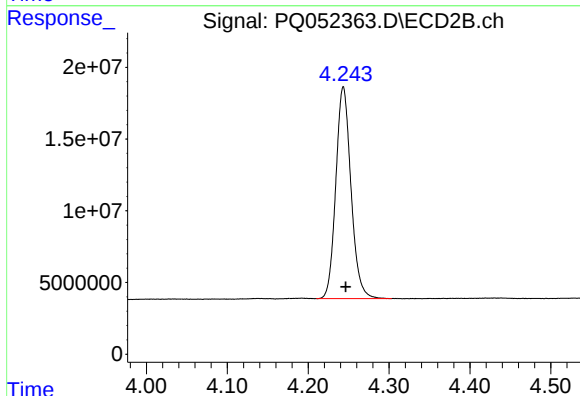




#1 Tetrachloro-m-xylene

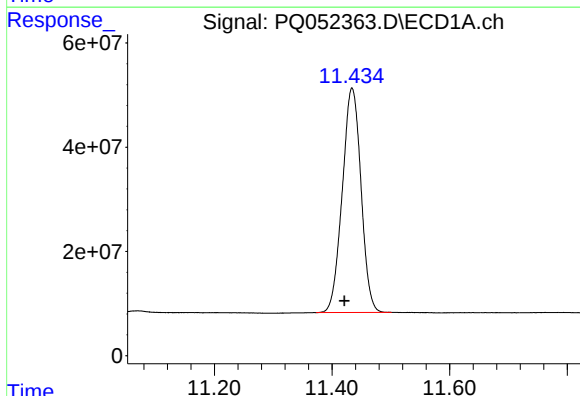
R.T.: 5.236 min  
Delta R.T.: 0.007 min  
Response: 548035269  
Conc: 22.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



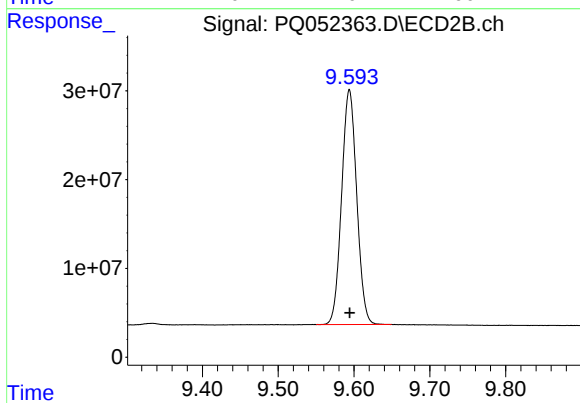
#1 Tetrachloro-m-xylene

R.T.: 4.244 min  
Delta R.T.: -0.003 min  
Response: 192241161  
Conc: 22.92 ng/ml



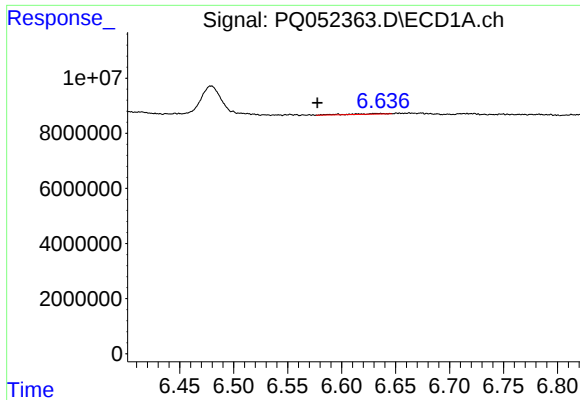
#2 Decachlorobiphenyl

R.T.: 11.434 min  
Delta R.T.: 0.013 min  
Response: 951636547  
Conc: 46.43 ng/ml



#2 Decachlorobiphenyl

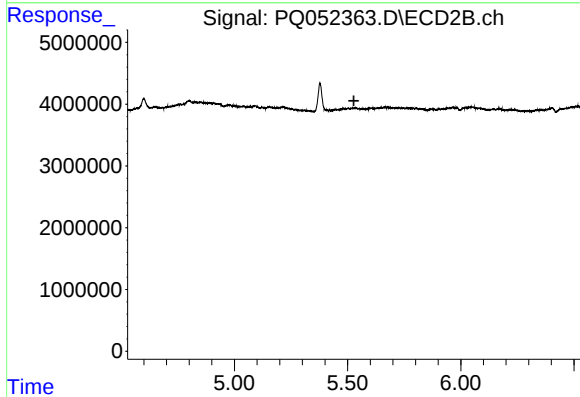
R.T.: 9.594 min  
Delta R.T.: 0.000 min  
Response: 366201152  
Conc: 47.48 ng/ml



#4 AR-1016-2

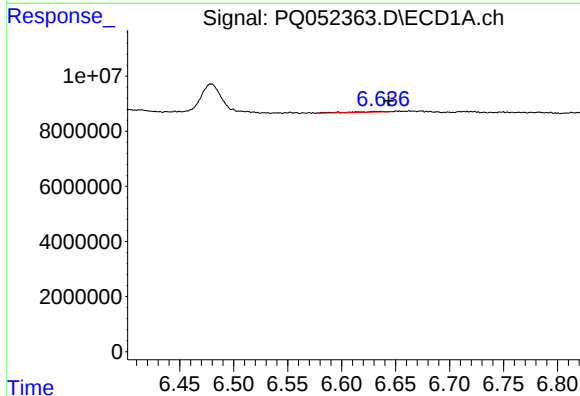
R.T.: 6.636 min  
Delta R.T.: 0.058 min  
Response: 410349  
Conc: 0.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



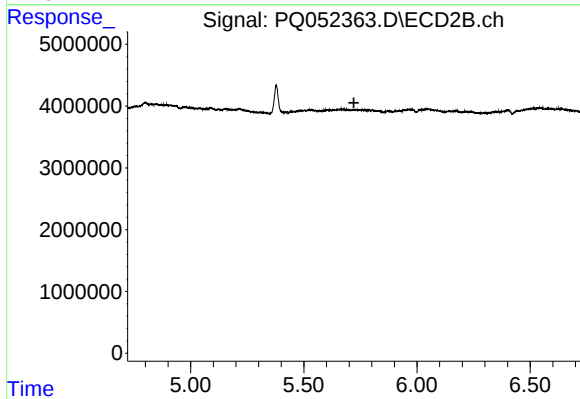
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.528 min  
Response: 0  
Conc: N.D.



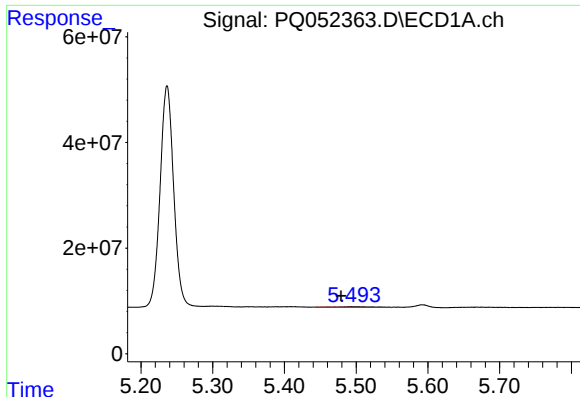
#5 AR-1016-3

R.T.: 6.636 min  
Delta R.T.: -0.008 min  
Response: 410349  
Conc: 0.57 ng/ml



#5 AR-1016-3

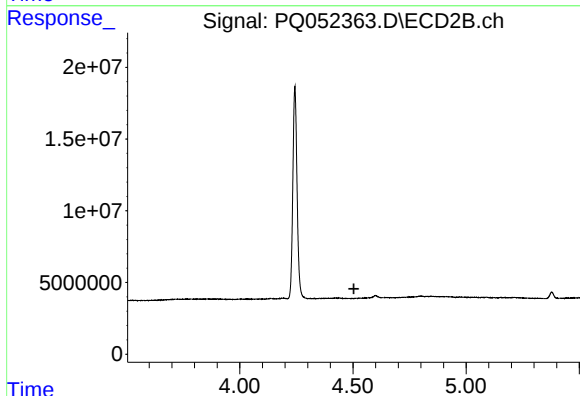
R.T.: 0.000 min  
Exp R.T. : 5.721 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

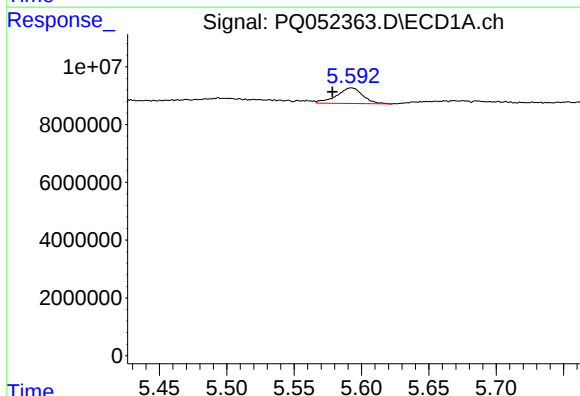
R.T.: 5.494 min  
Delta R.T.: 0.015 min  
Response: 5381886  
Conc: 21.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



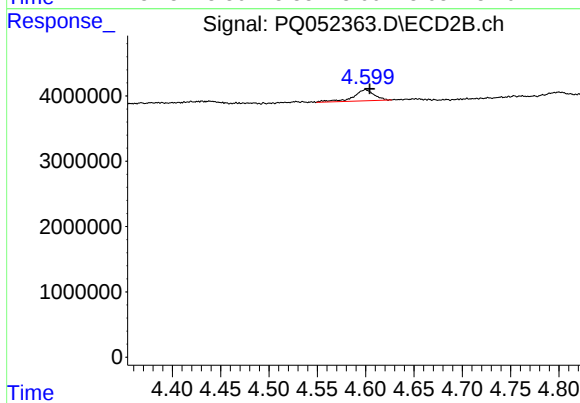
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.504 min  
Response: 0  
Conc: N.D.



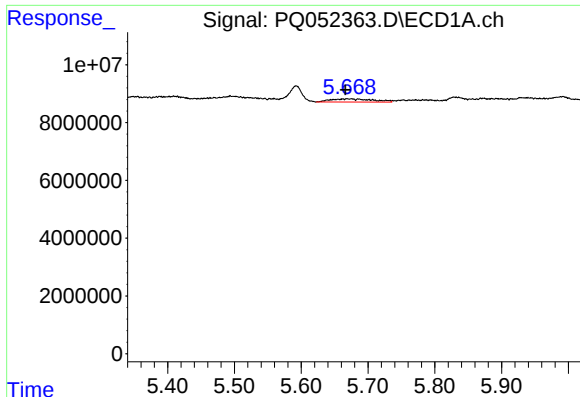
#9 AR-1221-2

R.T.: 5.592 min  
Delta R.T.: 0.014 min  
Response: 7311839  
Conc: 41.57 ng/ml



#9 AR-1221-2

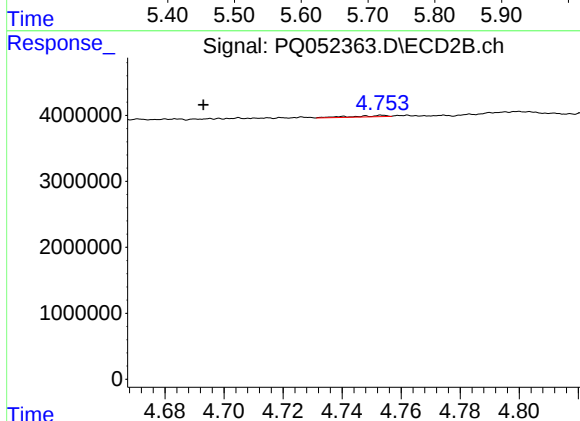
R.T.: 4.600 min  
Delta R.T.: -0.004 min  
Response: 2542399  
Conc: 40.18 ng/ml



#10 AR-1221-3

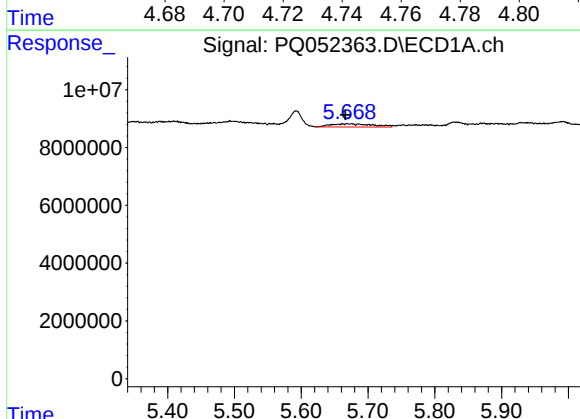
R.T.: 5.669 min  
Delta R.T.: 0.003 min  
Response: 4772114  
Conc: 8.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



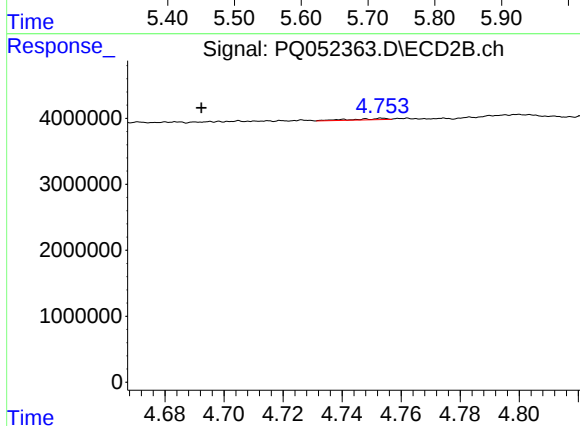
#10 AR-1221-3

R.T.: 4.754 min  
Delta R.T.: 0.061 min  
Response: 150475  
Conc: 0.70 ng/ml



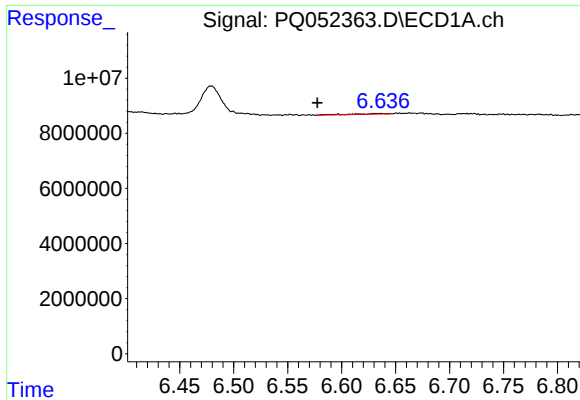
#11 AR-1232-1

R.T.: 5.669 min  
Delta R.T.: 0.003 min  
Response: 4772114  
Conc: 9.71 ng/ml



#11 AR-1232-1

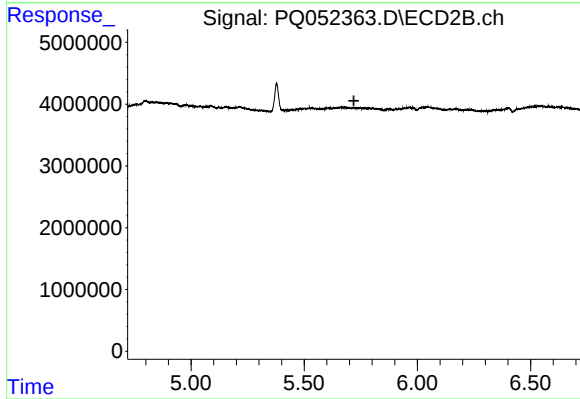
R.T.: 4.754 min  
Delta R.T.: 0.061 min  
Response: 150475  
Conc: 0.83 ng/ml



#13 AR-1232-3

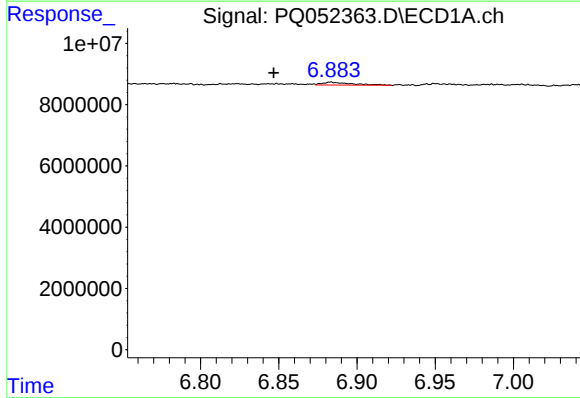
R.T.: 6.636 min  
Delta R.T.: 0.058 min  
Response: 410349  
Conc: 0.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



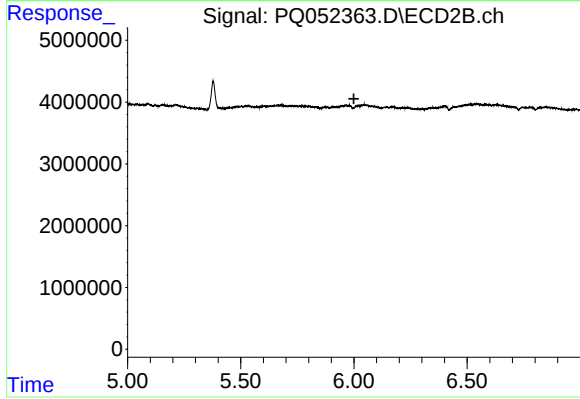
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.719 min  
Response: 0  
Conc: N.D.



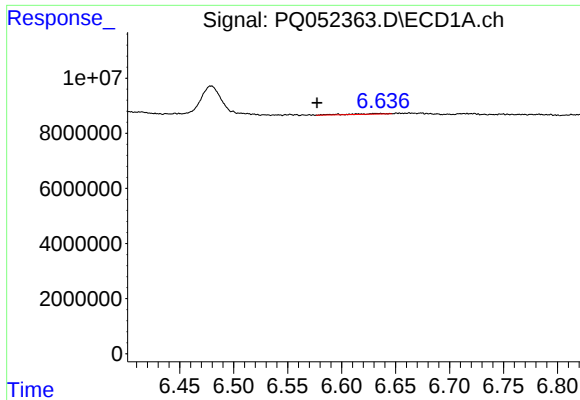
#15 AR-1232-5

R.T.: 6.883 min  
Delta R.T.: 0.037 min  
Response: 1174538  
Conc: 6.36 ng/ml



#15 AR-1232-5

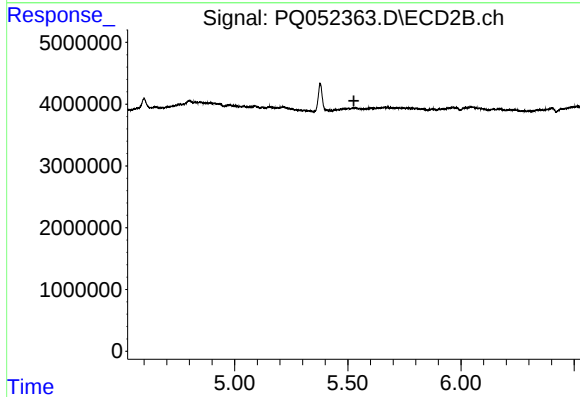
R.T.: 0.000 min  
Exp R.T. : 6.000 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

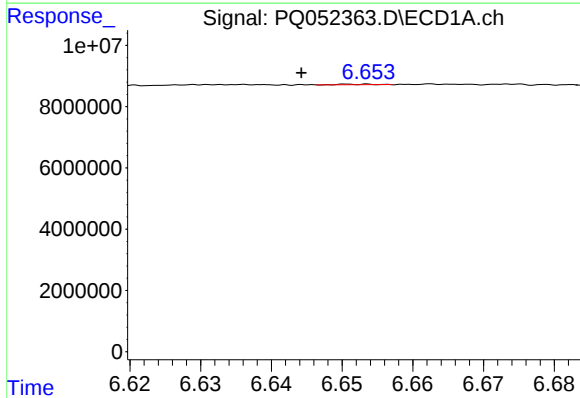
R.T.: 6.636 min  
Delta R.T.: 0.059 min  
Response: 410349  
Conc: 0.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



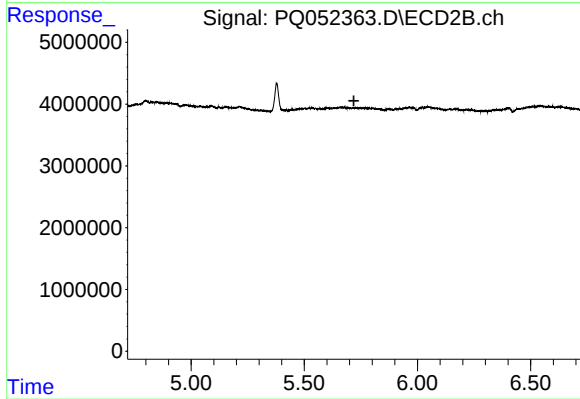
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.527 min  
Response: 0  
Conc: N.D.



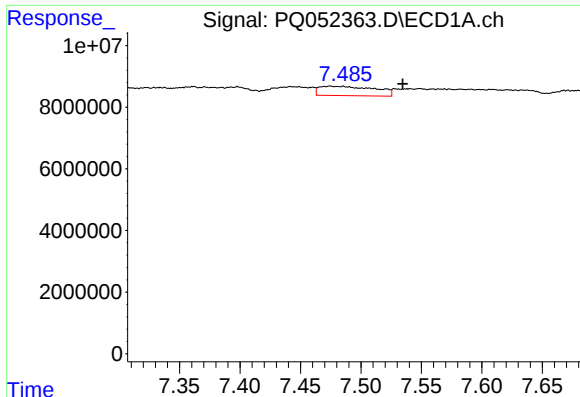
#18 AR-1242-3

R.T.: 6.652 min  
Delta R.T.: 0.008 min  
Response: 46177  
Conc: 0.08 ng/ml



#18 AR-1242-3

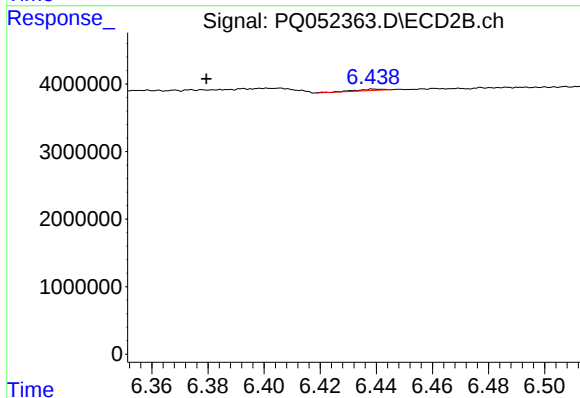
R.T.: 0.000 min  
Exp R.T. : 5.719 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

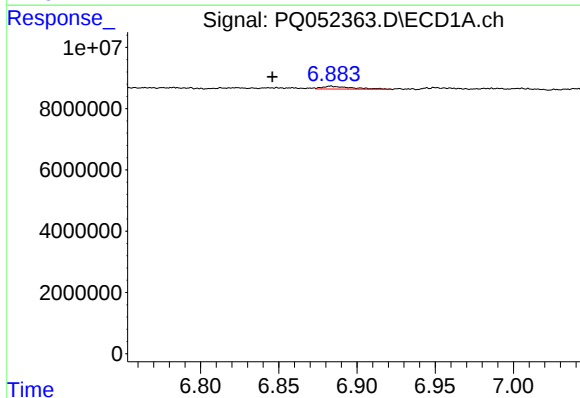
R.T.: 7.475 min  
Delta R.T.: -0.060 min  
Response: 9850585  
Conc: 17.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



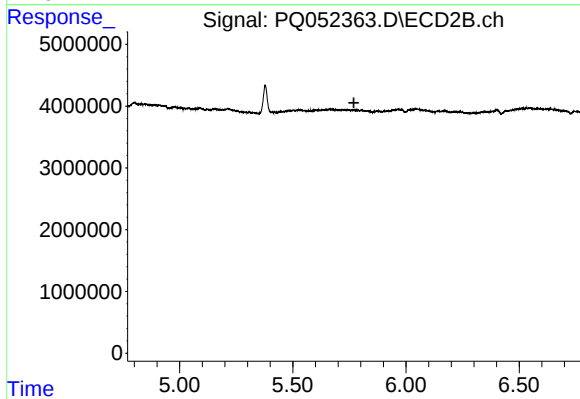
#20 AR-1242-5

R.T.: 6.439 min  
Delta R.T.: 0.060 min  
Response: 132480  
Conc: 0.53 ng/ml



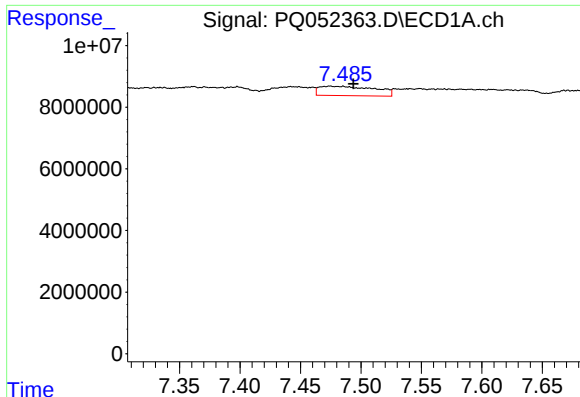
#22 AR-1248-2

R.T.: 6.883 min  
Delta R.T.: 0.038 min  
Response: 1174538  
Conc: 1.53 ng/ml



#22 AR-1248-2

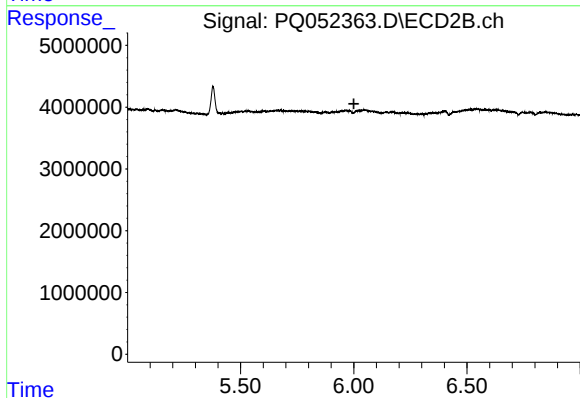
R.T.: 0.000 min  
Exp R.T.: 5.770 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

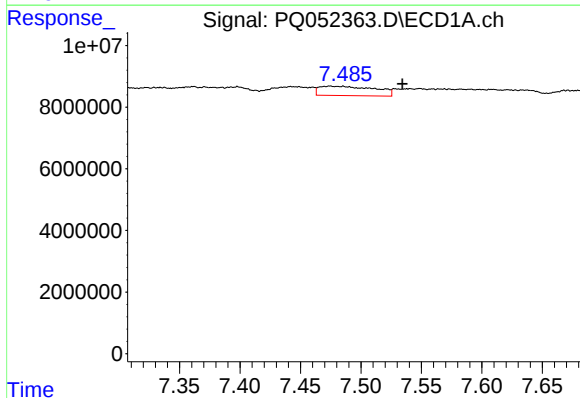
R.T.: 7.475 min  
Delta R.T.: -0.019 min  
Response: 9850585  
Conc: 9.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



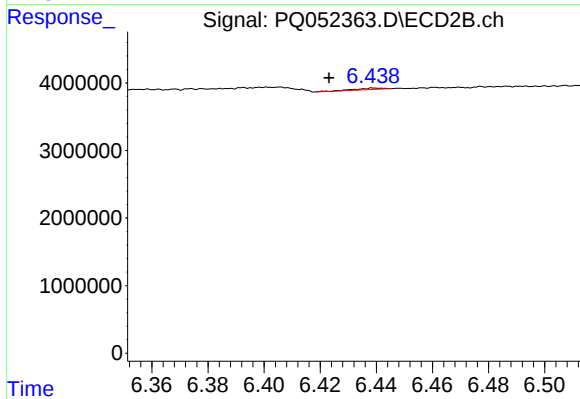
#24 AR-1248-4

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



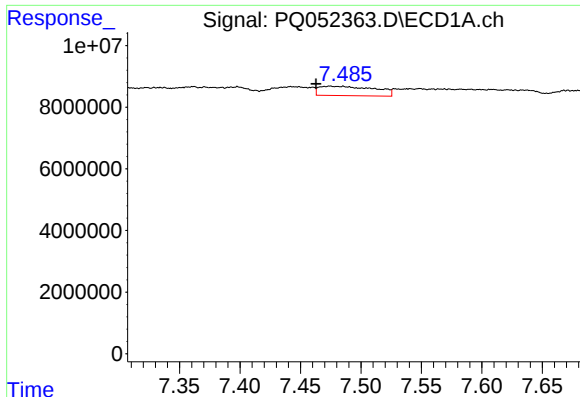
#25 AR-1248-5

R.T.: 7.475 min  
Delta R.T.: -0.060 min  
Response: 9850585  
Conc: 9.62 ng/ml



#25 AR-1248-5

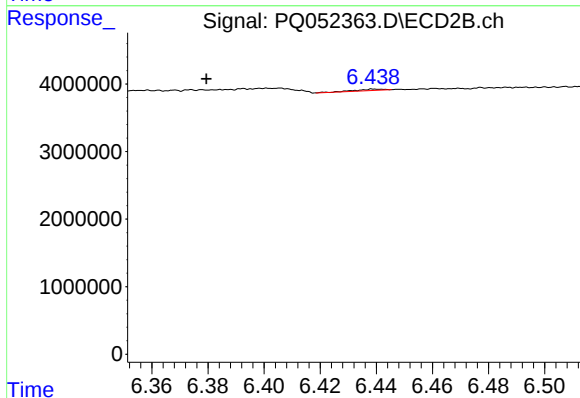
R.T.: 6.439 min  
Delta R.T.: 0.016 min  
Response: 132480  
Conc: 0.37 ng/ml



#26 AR-1254-1

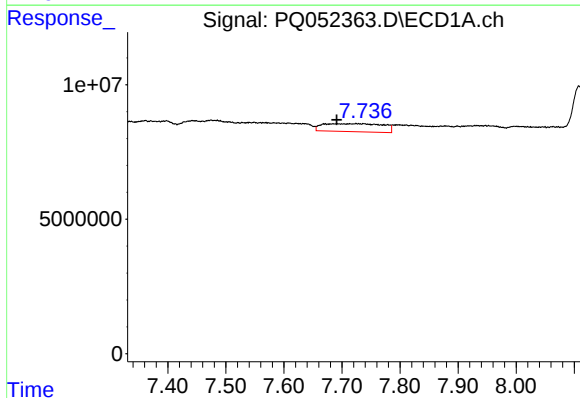
R.T.: 7.475 min  
Delta R.T.: 0.012 min  
Response: 9850585  
Conc: 9.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



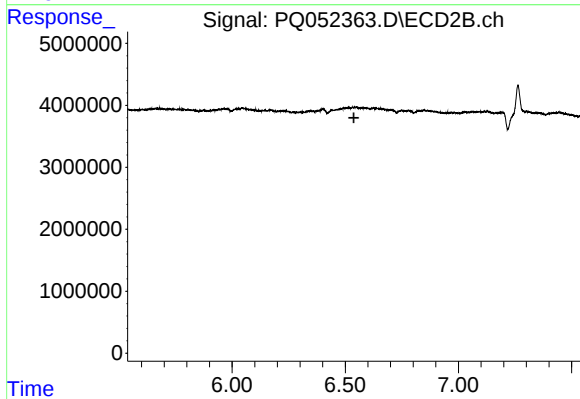
#26 AR-1254-1

R.T.: 6.439 min  
Delta R.T.: 0.060 min  
Response: 132480  
Conc: 0.25 ng/ml



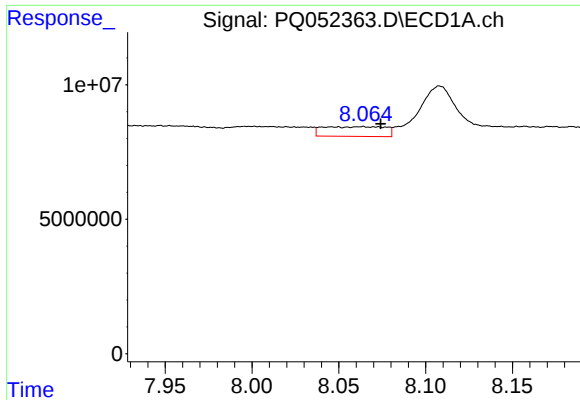
#27 AR-1254-2

R.T.: 7.729 min  
Delta R.T.: 0.038 min  
Response: 21402755  
Conc: 13.85 ng/ml



#27 AR-1254-2

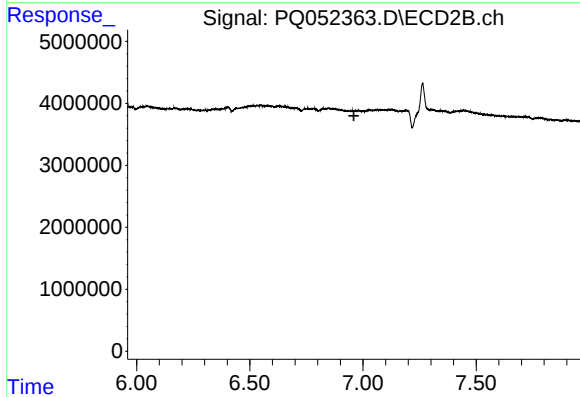
R.T.: 0.000 min  
Exp R.T.: 6.538 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

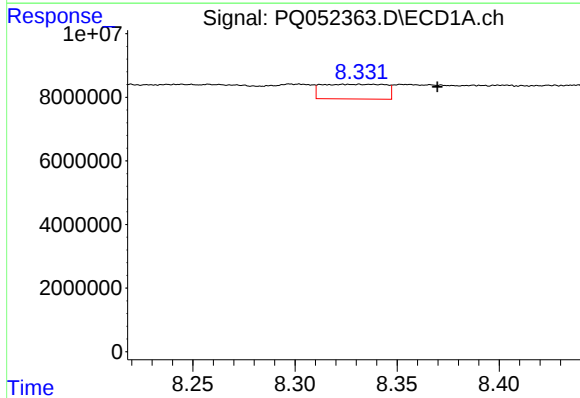
R.T.: 8.063 min  
Delta R.T.: -0.011 min  
Response: 9001676  
Conc: 5.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



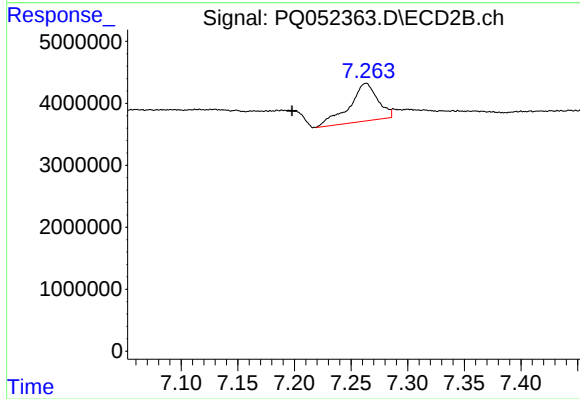
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.960 min  
Response: 0  
Conc: N.D.



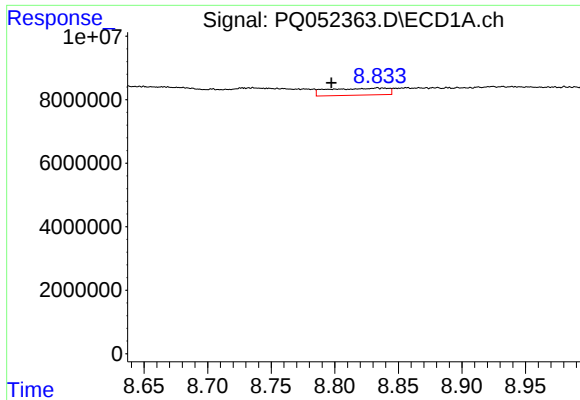
#29 AR-1254-4

R.T.: 8.332 min  
Delta R.T.: -0.037 min  
Response: 10042100  
Conc: 8.01 ng/ml



#29 AR-1254-4

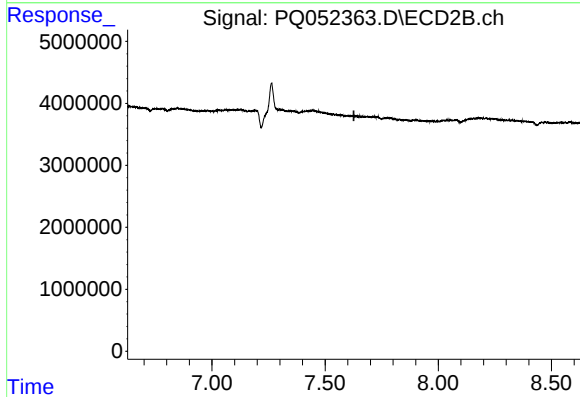
R.T.: 7.264 min  
Delta R.T.: 0.066 min  
Response: 10729318  
Conc: 21.27 ng/ml



#30 AR-1254-5

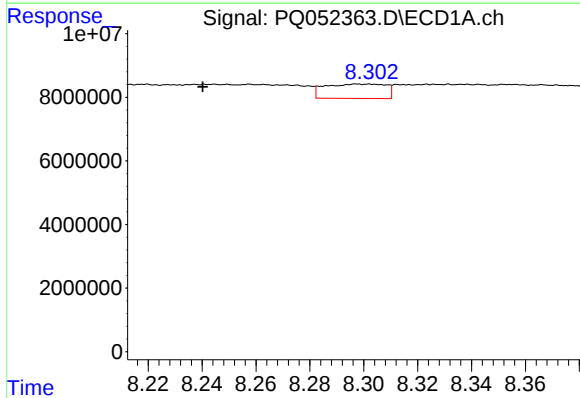
R.T.: 8.834 min  
Delta R.T.: 0.037 min  
Response: 7125231  
Conc: 5.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



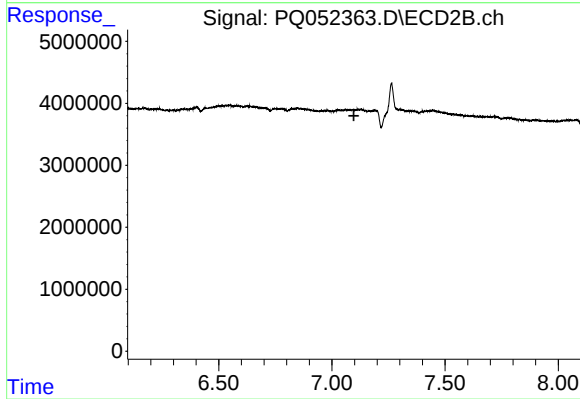
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.627 min  
Response: 0  
Conc: N.D.



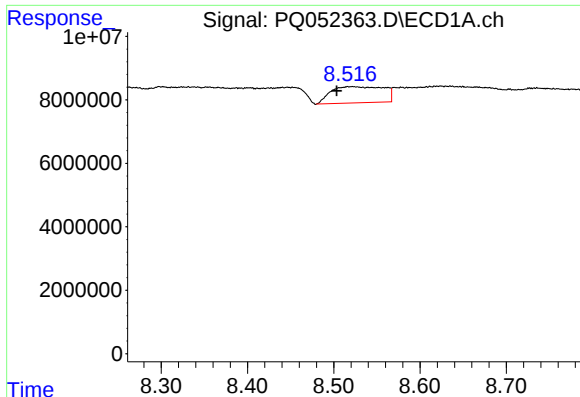
#31 AR-1260-1

R.T.: 8.300 min  
Delta R.T.: 0.060 min  
Response: 7145094  
Conc: 7.15 ng/ml



#31 AR-1260-1

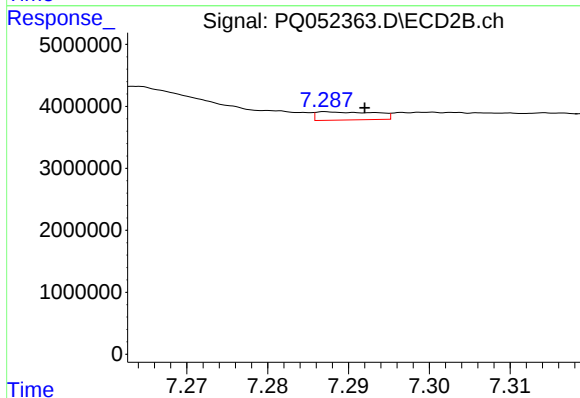
R.T.: 0.000 min  
Exp R.T. : 7.097 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

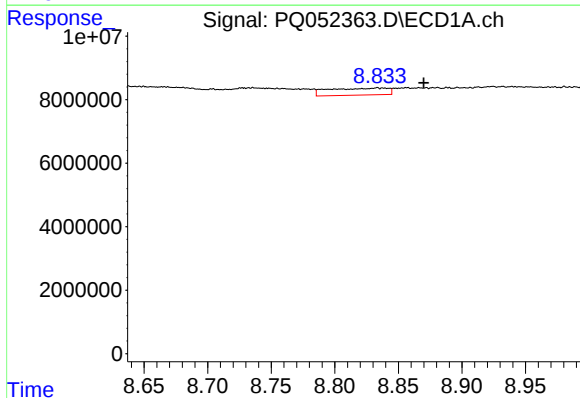
R.T.: 8.520 min  
Delta R.T.: 0.017 min  
Response: 21770865  
Conc: 17.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



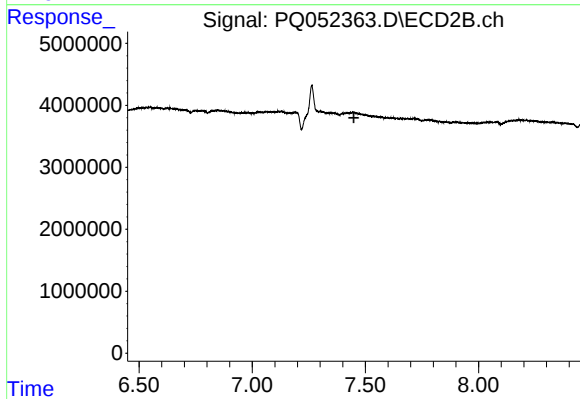
#32 AR-1260-2

R.T.: 7.287 min  
Delta R.T.: -0.005 min  
Response: 673230  
Conc: 1.27 ng/ml



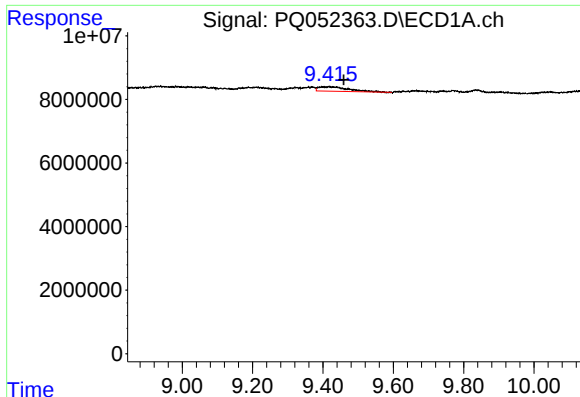
#33 AR-1260-3

R.T.: 8.834 min  
Delta R.T.: -0.036 min  
Response: 7125231  
Conc: 7.79 ng/ml



#33 AR-1260-3

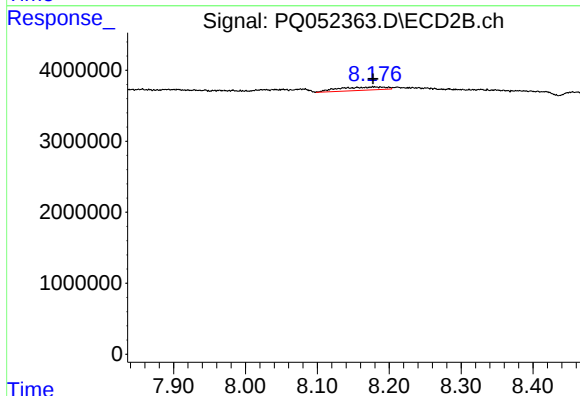
R.T.: 0.000 min  
Exp R.T.: 7.449 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

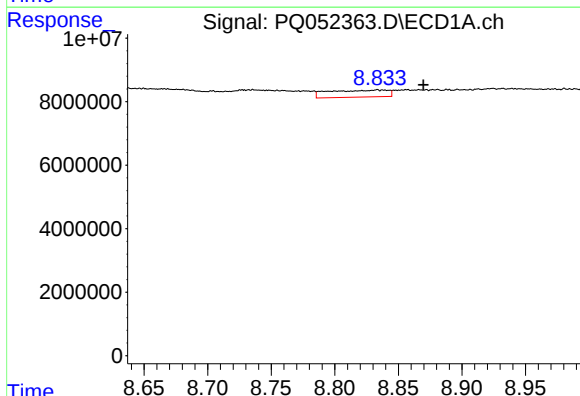
R.T.: 9.417 min  
Delta R.T.: -0.042 min  
Response: 8246702  
Conc: 3.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



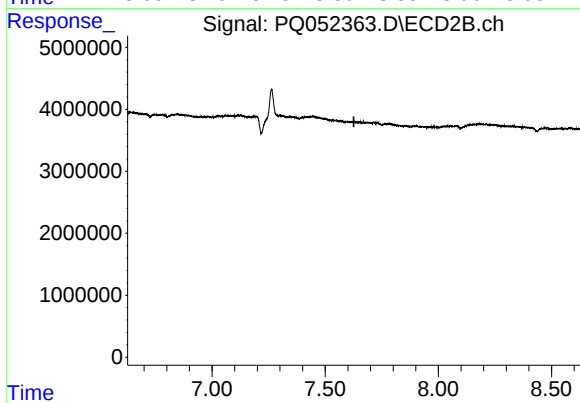
#35 AR-1260-5

R.T.: 8.155 min  
Delta R.T.: -0.022 min  
Response: 2093994  
Conc: 1.94 ng/ml



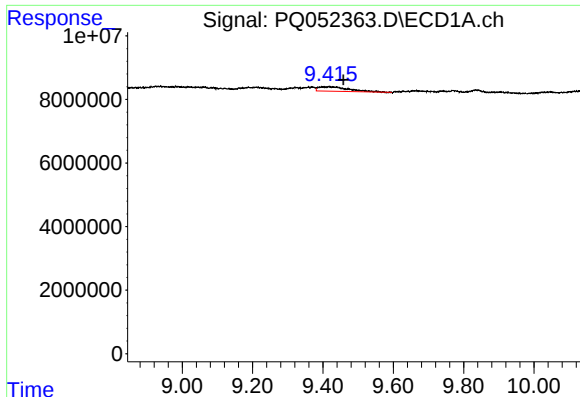
#36 AR-1262-1

R.T.: 8.834 min  
Delta R.T.: -0.036 min  
Response: 7125231  
Conc: 4.53 ng/ml



#36 AR-1262-1

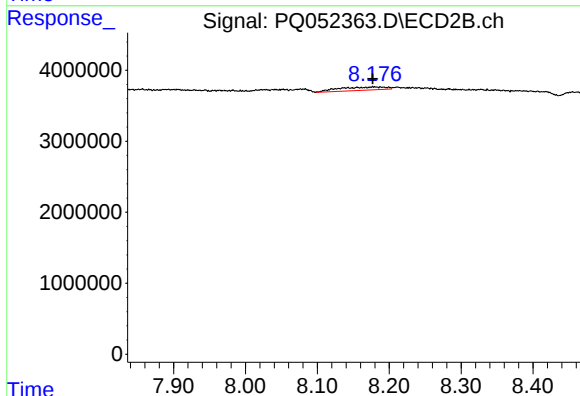
R.T.: 0.000 min  
Exp R.T.: 7.627 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

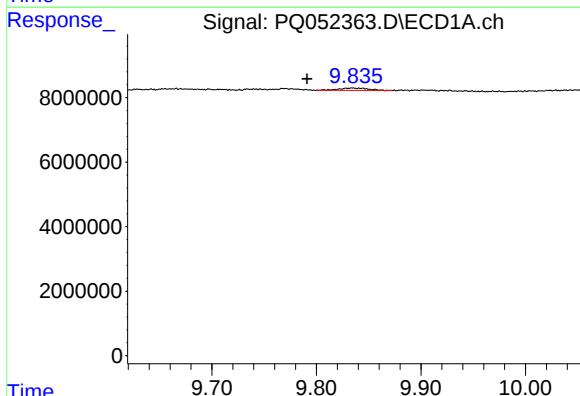
R.T.: 9.417 min  
Delta R.T.: -0.041 min  
Response: 8246702  
Conc: 2.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



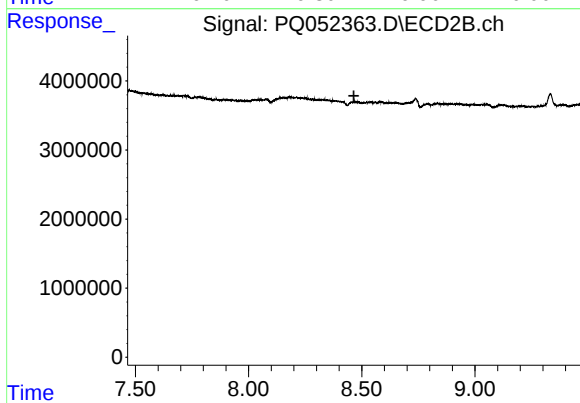
#37 AR-1262-2

R.T.: 8.155 min  
Delta R.T.: -0.022 min  
Response: 2093994  
Conc: 1.56 ng/ml



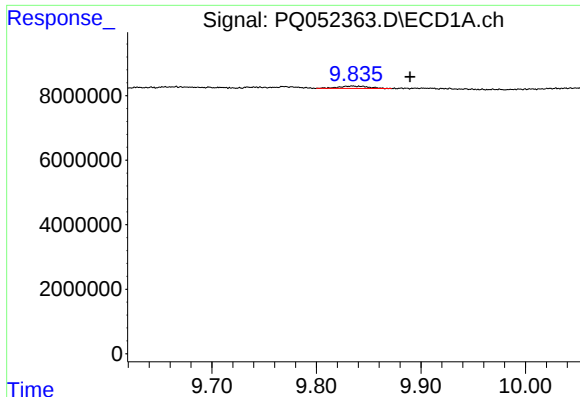
#38 AR-1262-3

R.T.: 9.834 min  
Delta R.T.: 0.043 min  
Response: 1417377  
Conc: 0.71 ng/ml



#38 AR-1262-3

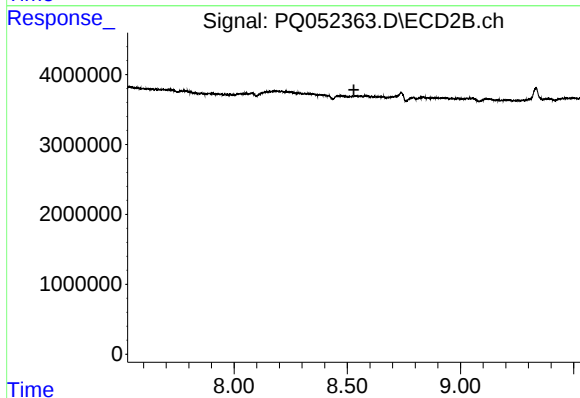
R.T.: 0.000 min  
Exp R.T.: 8.465 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

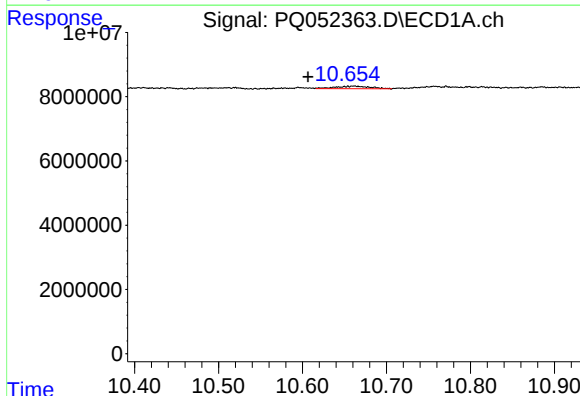
R.T.: 9.834 min  
Delta R.T.: -0.055 min  
Response: 1417377  
Conc: 0.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



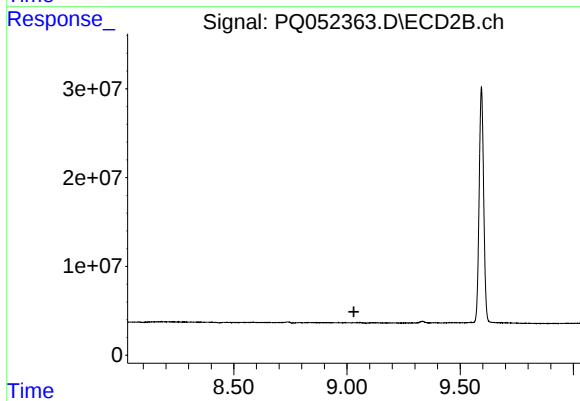
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.529 min  
Response: 0  
Conc: N.D.



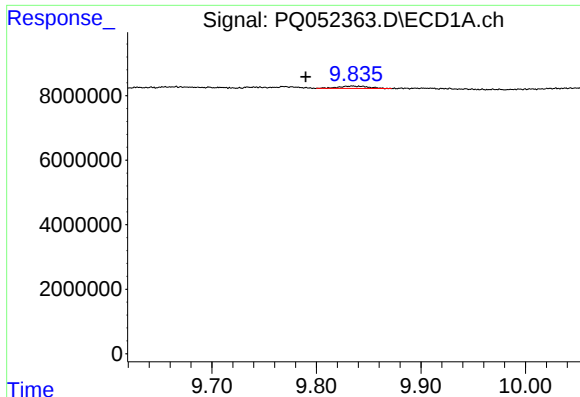
#40 AR-1262-5

R.T.: 10.662 min  
Delta R.T.: 0.055 min  
Response: 2354752  
Conc: 2.16 ng/ml



#40 AR-1262-5

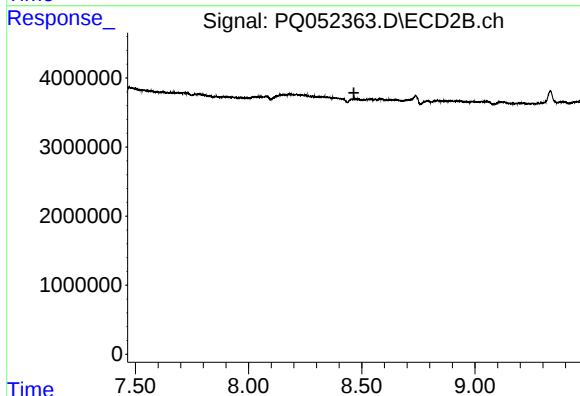
R.T.: 0.000 min  
Exp R.T. : 9.031 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

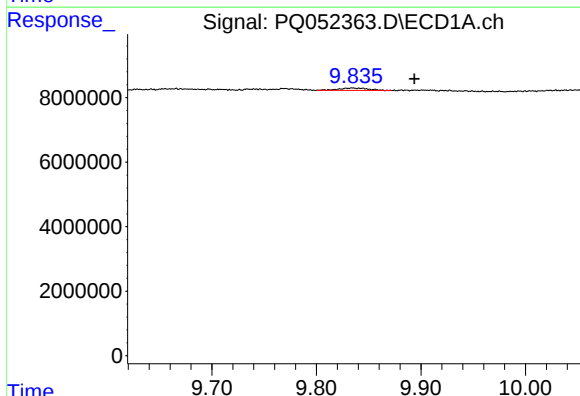
R.T.: 9.834 min  
Delta R.T.: 0.045 min  
Response: 1417377  
Conc: 0.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



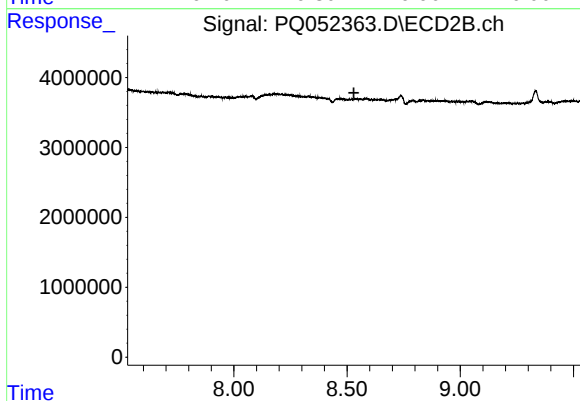
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.465 min  
Response: 0  
Conc: N.D.



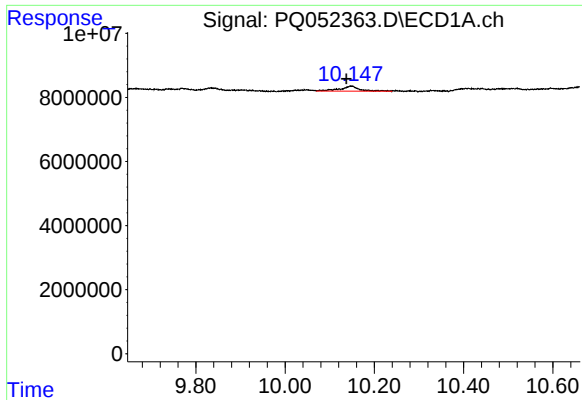
#42 AR-1268-2

R.T.: 9.834 min  
Delta R.T.: -0.059 min  
Response: 1417377  
Conc: 0.43 ng/ml



#42 AR-1268-2

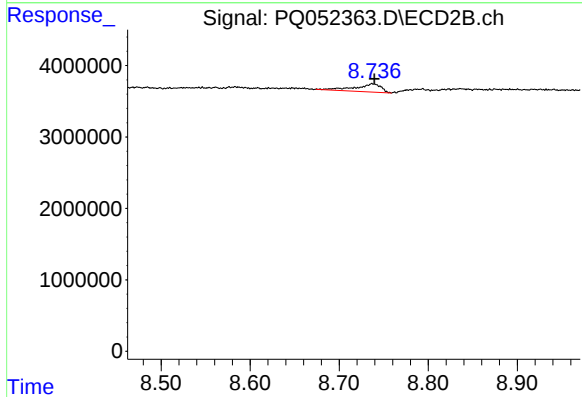
R.T.: 0.000 min  
Exp R.T. : 8.530 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

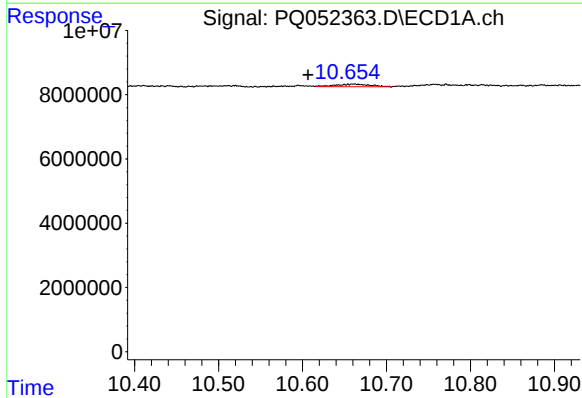
R.T.: 10.148 min  
Delta R.T.: 0.011 min  
Response: 4982735  
Conc: 1.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



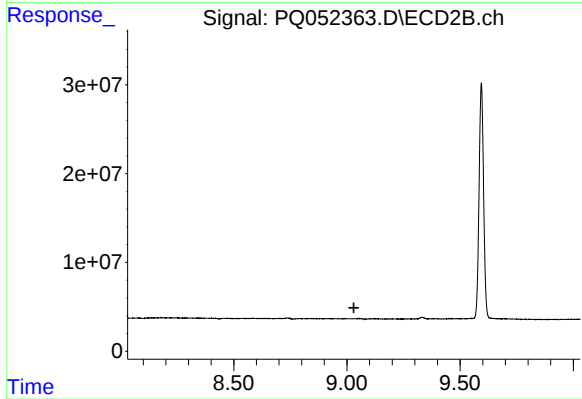
#43 AR-1268-3

R.T.: 8.737 min  
Delta R.T.: -0.002 min  
Response: 2297125  
Conc: 1.83 ng/ml



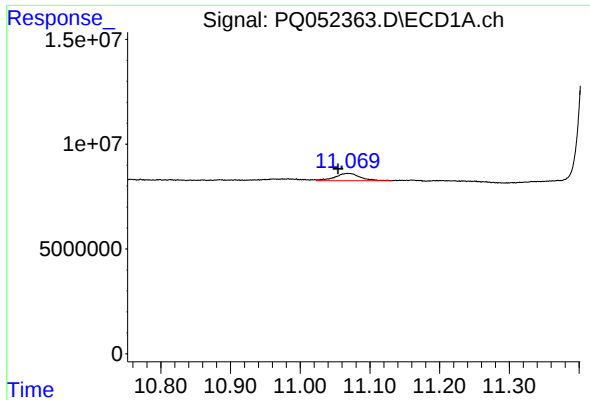
#44 AR-1268-4

R.T.: 10.662 min  
Delta R.T.: 0.055 min  
Response: 2354752  
Conc: 1.93 ng/ml



#44 AR-1268-4

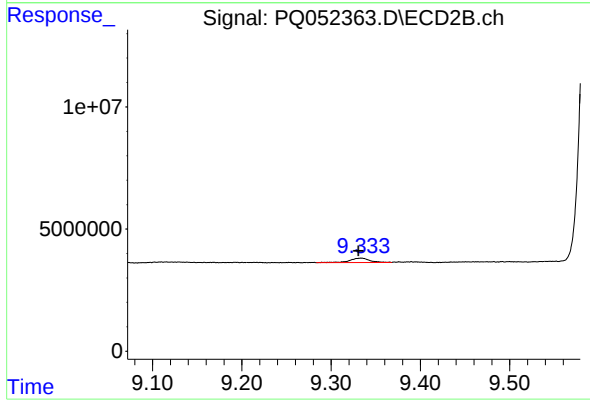
R.T.: 0.000 min  
Exp R.T. : 9.031 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 11.069 min  
Delta R.T.: 0.015 min  
Response: 8743914  
Conc: 0.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.334 min  
Delta R.T.: 0.003 min  
Response: 2785371  
Conc: 0.69 ng/ml