

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072921\  
 Data File : PQ054185.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2021 07:29  
 Operator : AJ\MA  
 Sample : M2940-07  
 Misc : AR1221 LOD 40 PPB  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

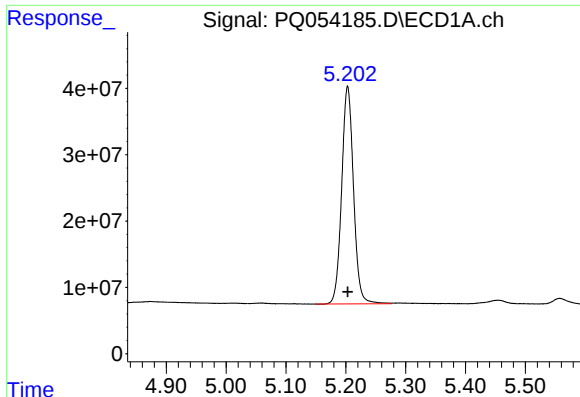
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 09:45:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ072921.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jul 30 02:37:02 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 5.203  | 4.208  | 451.2E6  | 200.5E6  | 19.322 | 14.183 # |
| 2)                          | SA Decachlor... | 11.377 | 9.545  | 367.6E6  | 237.3E6  | 21.848 | 18.816   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 6.530  | 5.493f | 2374687  | 3432083  | 3.240  | 7.582 #  |
| 4)                          | L1 AR-1016-2    | 6.558  | 5.493  | 2250611  | 3432083  | 2.004  | 4.630 #  |
| 5)                          | L1 AR-1016-3    | 6.597f | 5.687  | 3178311  | 1167146  | 4.608  | 3.237 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.753f | 0        | 1441021  | N.D.   | 5.049 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.940f | 0        | 1780889  | N.D.   | 4.888 #  |
| 8)                          | L2 AR-1221-1    | 5.455  | 4.467  | 12619512 | 4434722  | 52.159 | 31.125 # |
| 9)                          | L2 AR-1221-2    | 5.557  | 4.567  | 14344684 | 5182119  | 79.189 | 49.124 # |
| 10)                         | L2 AR-1221-3    | 5.643  | 4.657  | 24770041 | 11646975 | 43.290 | 33.190   |
| 11)                         | L3 AR-1232-1    | 5.643  | 4.657  | 24770041 | 11646975 | 63.405 | 49.899   |
| 12)                         | L3 AR-1232-2    | 6.232  | 5.493  | 2859808  | 3432083  | 12.311 | 11.850   |
| 13)                         | L3 AR-1232-3    | 6.558  | 5.687  | 2250611  | 1167146  | 5.245  | 8.797 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.753f | 0        | 1441021  | N.D.   | 12.628 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.940f | 0        | 1780889  | N.D.   | 13.858 # |
| 16)                         | L4 AR-1242-1    | 6.530  | 5.493f | 2374687  | 3432083  | 5.171  | 12.623 # |
| 17)                         | L4 AR-1242-2    | 6.558  | 5.493  | 2250611  | 3432083  | 3.193  | 7.292 #  |
| 18)                         | L4 AR-1242-3    | 6.597f | 5.687  | 3178311  | 1167146  | 7.301  | 5.290 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.753f | 0        | 1441021  | N.D.   | 6.661 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.344  | 0        | 1074992  | N.D.   | 3.624 #  |
| 21)                         | L5 AR-1248-1    | 6.530  | 5.493f | 2374687  | 3432083  | 6.401  | 15.212 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.753f | 0        | 1441021  | N.D.   | 4.391 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.753f | 0        | 1441021  | N.D.   | 4.358 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.940f | 0        | 1780889  | N.D.   | 4.487 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 6.388  | 0        | 1680770  | N.D.   | 4.217 #  |
| 26)                         | L6 AR-1254-1    | 7.436  | 6.344  | 1739066  | 1074992  | 2.461  | 1.608 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.504  | 0        | 3707523  | N.D.   | 6.030 #  |
| 28)                         | L6 AR-1254-3    | 8.079f | 6.941f | 3257947  | 7233197  | 2.770  | 7.491 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 7.592  | 0        | 2965883  | N.D.   | 3.041 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.060  | 0        | 4266570  | N.D.   | 5.692 #  |
| 32)                         | L7 AR-1260-2    | 8.488  | 7.233f | 2351298  | 5758870  | 2.071  | 5.513 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.408  | 0        | 599815   | N.D.   | 0.689 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 8.144  | 0        | 183056   | N.D.   | 0.107 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.592  | 0        | 2965883  | N.D.   | 6.563 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 8.144  | 0        | 183056   | N.D.   | 0.097 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.701  | 0        | 1387558  | N.D.   | 0.830 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.288  | 0        | 2538954  | N.D.   | 0.539 #  |
| -----                       |                 |        |        |          |          |        |          |

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

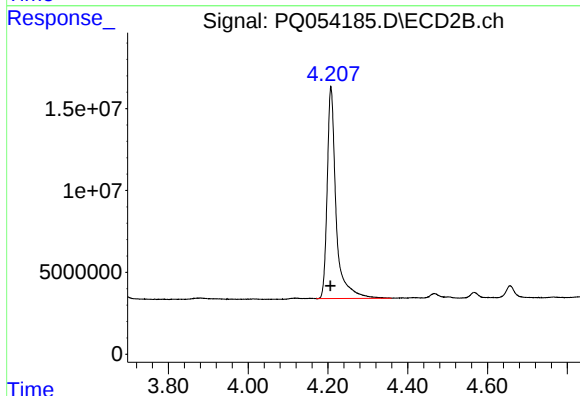




#1 Tetrachloro-m-xylene

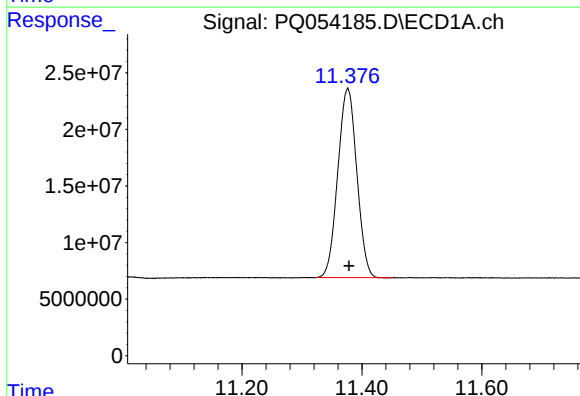
R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 451215495  
Conc: 19.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



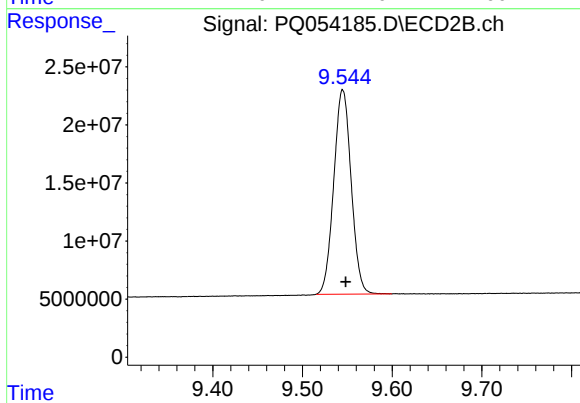
#1 Tetrachloro-m-xylene

R.T.: 4.208 min  
Delta R.T.: 0.001 min  
Response: 200501350  
Conc: 14.18 ng/ml



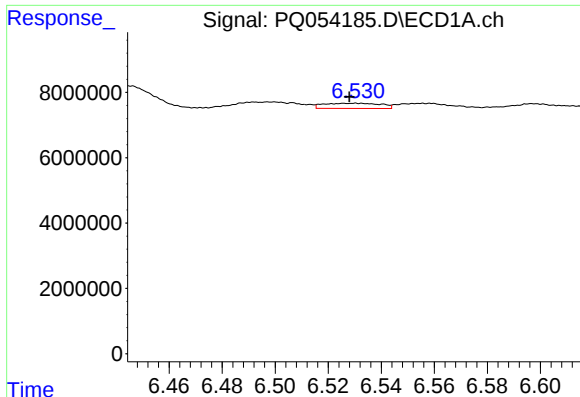
#2 Decachlorobiphenyl

R.T.: 11.377 min  
Delta R.T.: -0.002 min  
Response: 367608098  
Conc: 21.85 ng/ml



#2 Decachlorobiphenyl

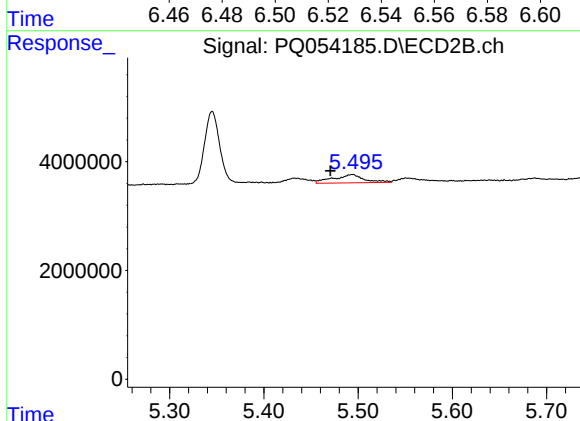
R.T.: 9.545 min  
Delta R.T.: -0.003 min  
Response: 237341166  
Conc: 18.82 ng/ml



#3 AR-1016-1

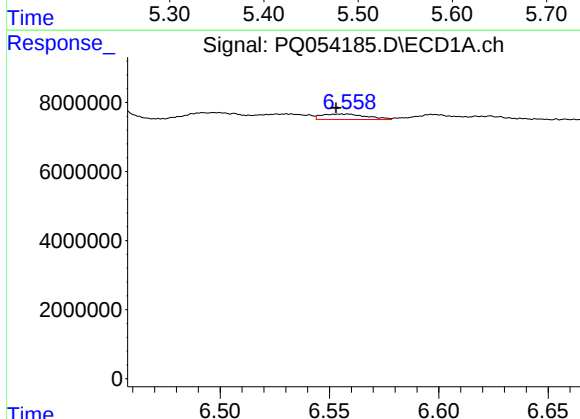
R.T.: 6.530 min  
Delta R.T.: 0.002 min  
Response: 2374687  
Conc: 3.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



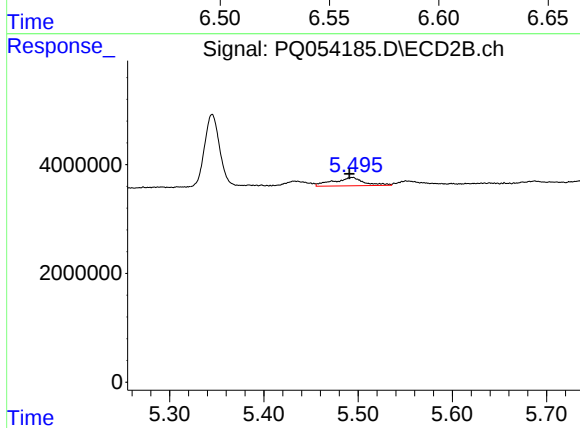
#3 AR-1016-1

R.T.: 5.493 min  
Delta R.T.: 0.023 min  
Response: 3432083  
Conc: 7.58 ng/ml



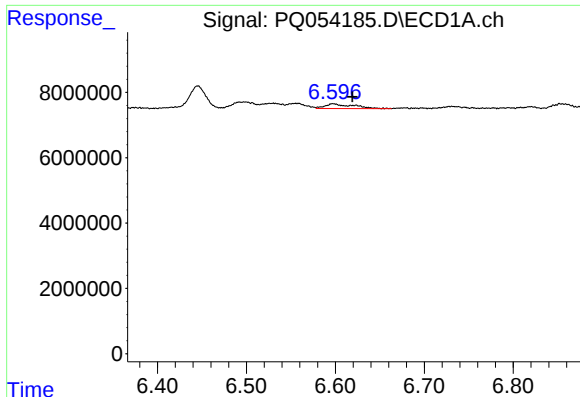
#4 AR-1016-2

R.T.: 6.558 min  
Delta R.T.: 0.005 min  
Response: 2250611  
Conc: 2.00 ng/ml



#4 AR-1016-2

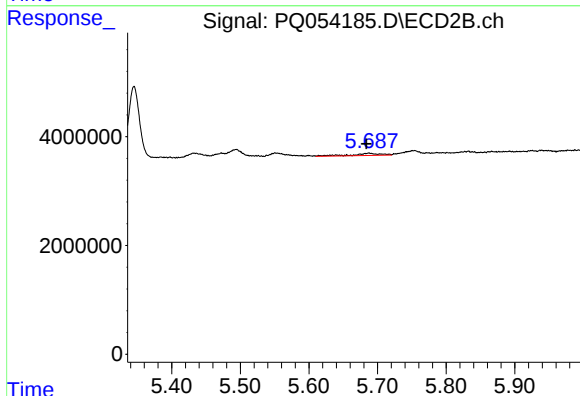
R.T.: 5.493 min  
Delta R.T.: 0.003 min  
Response: 3432083  
Conc: 4.63 ng/ml



#5 AR-1016-3

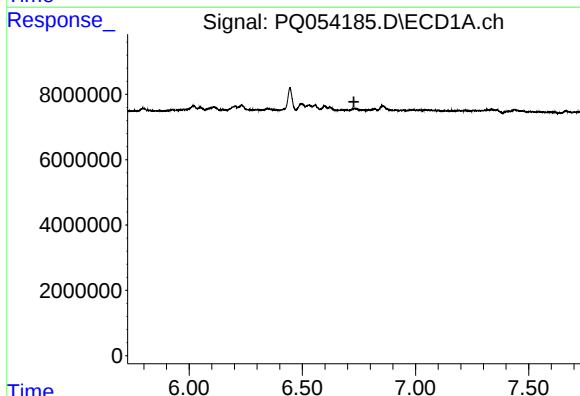
R.T.: 6.597 min  
Delta R.T.: -0.022 min  
Response: 3178311  
Conc: 4.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



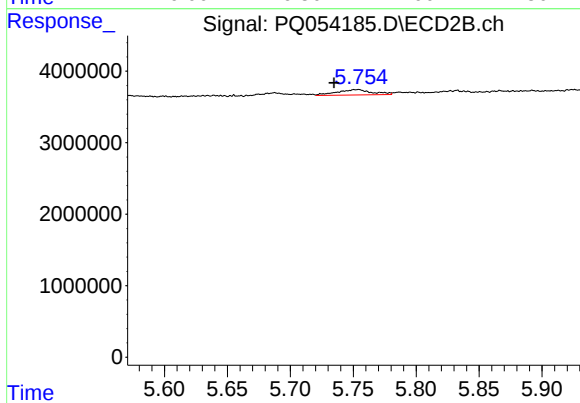
#5 AR-1016-3

R.T.: 5.687 min  
Delta R.T.: 0.003 min  
Response: 1167146  
Conc: 3.24 ng/ml



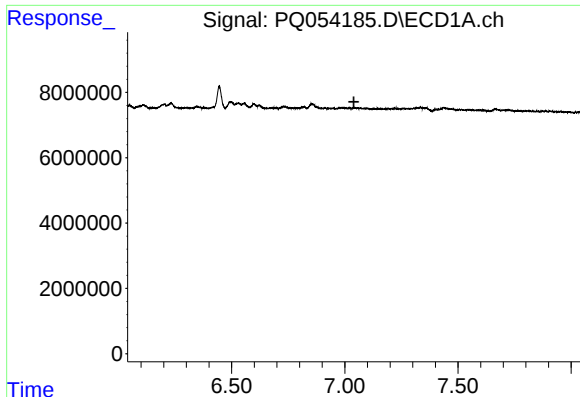
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.728 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

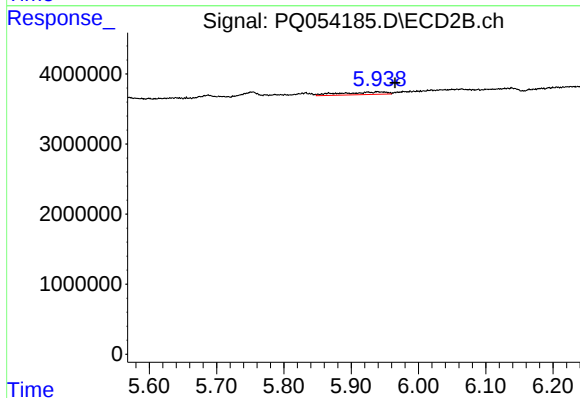
R.T.: 5.753 min  
Delta R.T.: 0.018 min  
Response: 1441021  
Conc: 5.05 ng/ml



#7 AR-1016-5

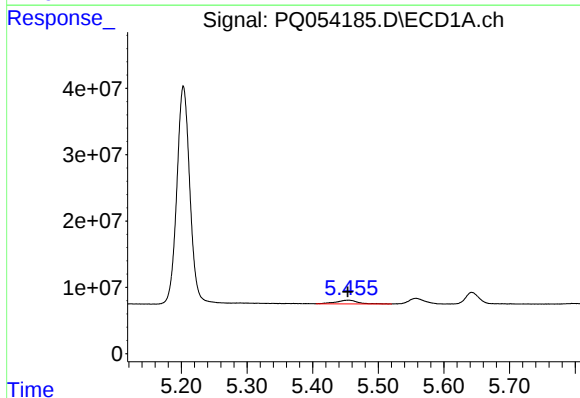
R.T.: 0.000 min  
Exp R.T.: 7.040 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



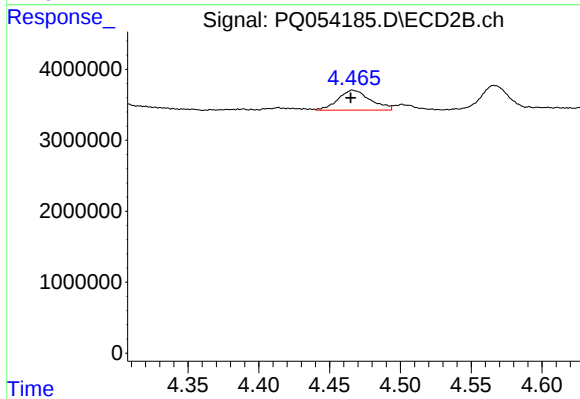
#7 AR-1016-5

R.T.: 5.940 min  
Delta R.T.: -0.025 min  
Response: 1780889  
Conc: 4.89 ng/ml



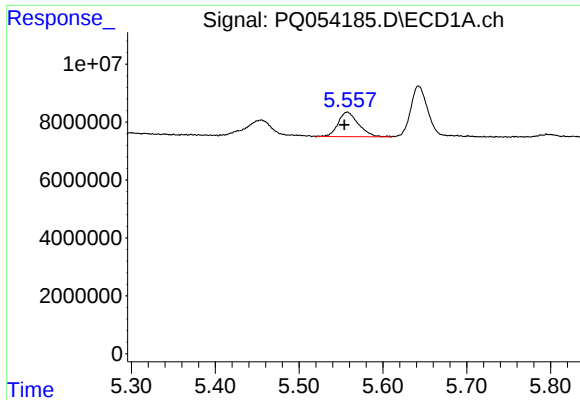
#8 AR-1221-1

R.T.: 5.455 min  
Delta R.T.: 0.001 min  
Response: 12619512  
Conc: 52.16 ng/ml



#8 AR-1221-1

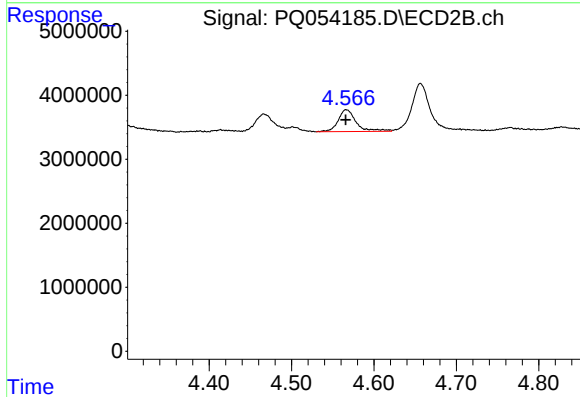
R.T.: 4.467 min  
Delta R.T.: 0.002 min  
Response: 4434722  
Conc: 31.12 ng/ml



#9 AR-1221-2

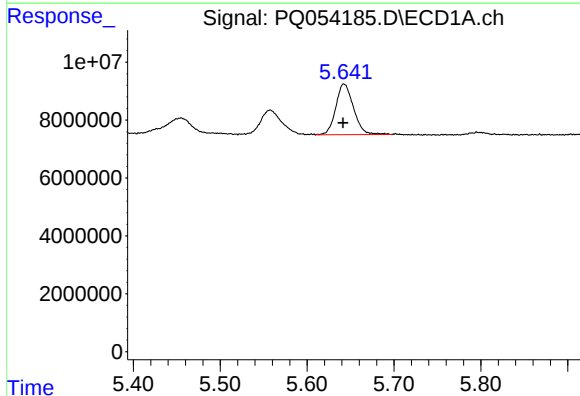
R.T.: 5.557 min  
Delta R.T.: 0.003 min  
Response: 14344684  
Conc: 79.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



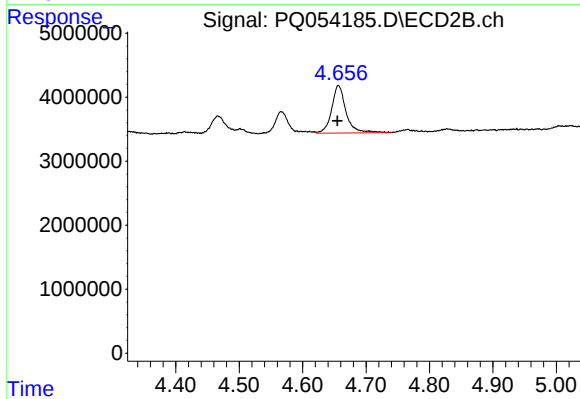
#9 AR-1221-2

R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 5182119  
Conc: 49.12 ng/ml



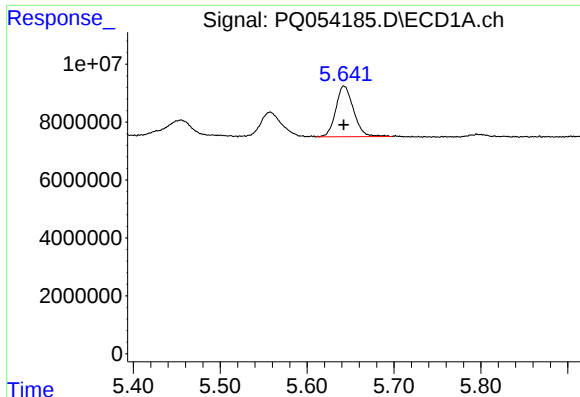
#10 AR-1221-3

R.T.: 5.643 min  
Delta R.T.: 0.001 min  
Response: 24770041  
Conc: 43.29 ng/ml



#10 AR-1221-3

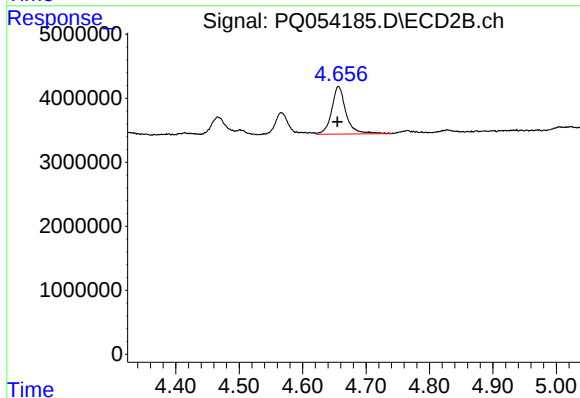
R.T.: 4.657 min  
Delta R.T.: 0.002 min  
Response: 11646975  
Conc: 33.19 ng/ml



#11 AR-1232-1

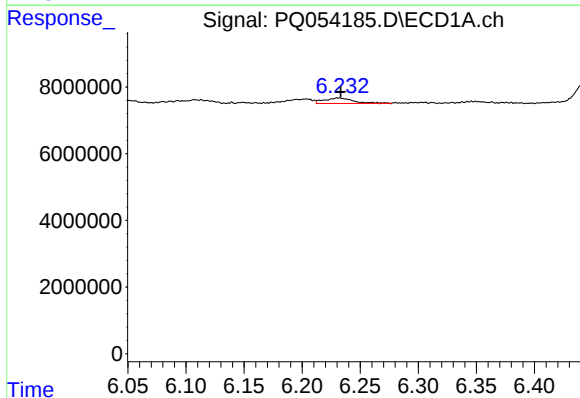
R.T.: 5.643 min  
Delta R.T.: 0.000 min  
Response: 24770041  
Conc: 63.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



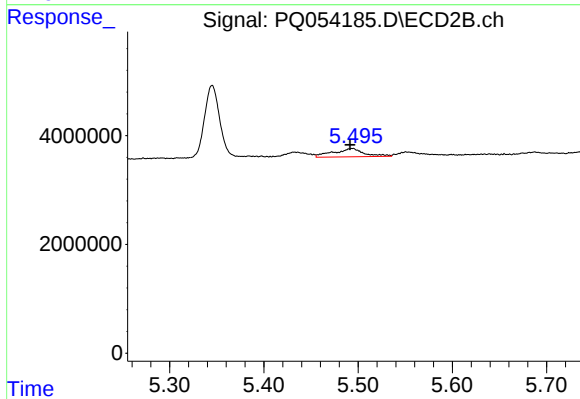
#11 AR-1232-1

R.T.: 4.657 min  
Delta R.T.: 0.002 min  
Response: 11646975  
Conc: 49.90 ng/ml



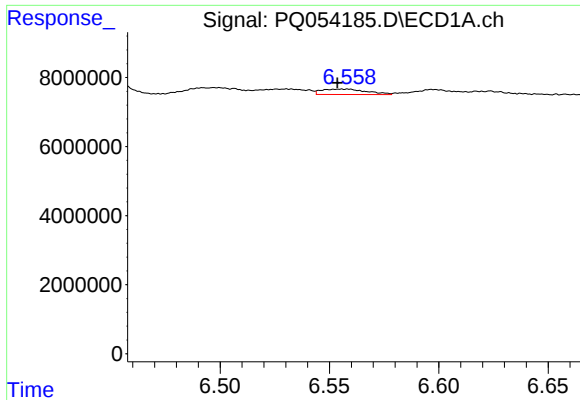
#12 AR-1232-2

R.T.: 6.232 min  
Delta R.T.: -0.002 min  
Response: 2859808  
Conc: 12.31 ng/ml



#12 AR-1232-2

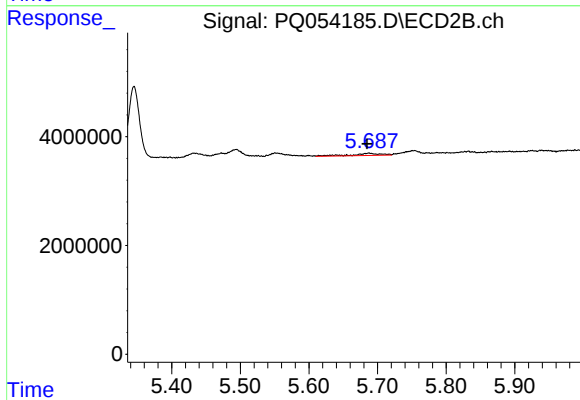
R.T.: 5.493 min  
Delta R.T.: 0.002 min  
Response: 3432083  
Conc: 11.85 ng/ml



#13 AR-1232-3

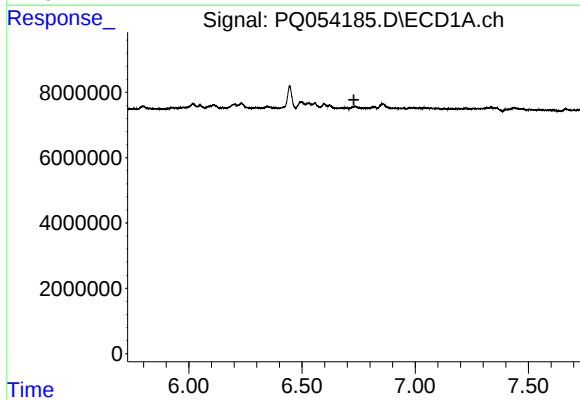
R.T.: 6.558 min  
Delta R.T.: 0.004 min  
Response: 2250611  
Conc: 5.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



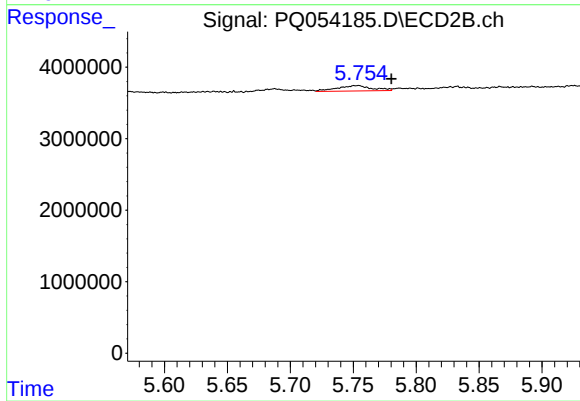
#13 AR-1232-3

R.T.: 5.687 min  
Delta R.T.: 0.002 min  
Response: 1167146  
Conc: 8.80 ng/ml



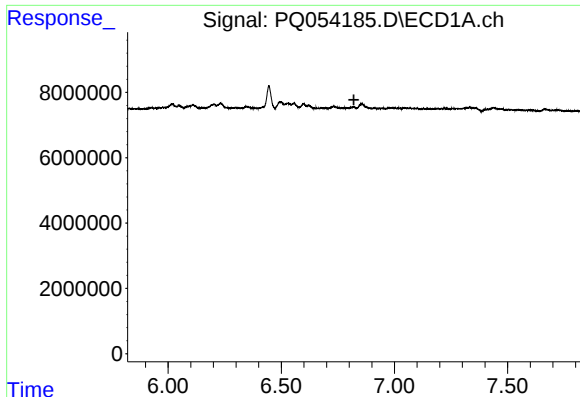
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.729 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

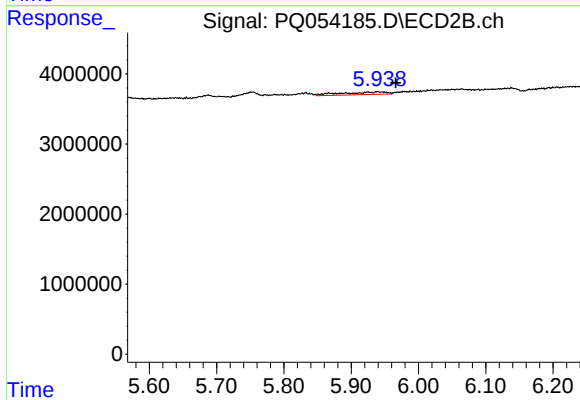
R.T.: 5.753 min  
Delta R.T.: -0.027 min  
Response: 1441021  
Conc: 12.63 ng/ml



#15 AR-1232-5

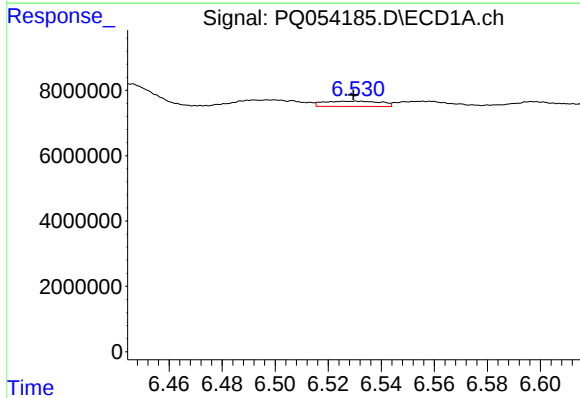
R.T.: 0.000 min  
Exp R.T.: 6.821 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



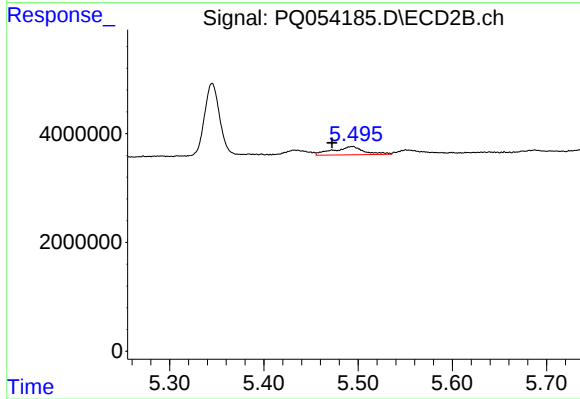
#15 AR-1232-5

R.T.: 5.940 min  
Delta R.T.: -0.026 min  
Response: 1780889  
Conc: 13.86 ng/ml



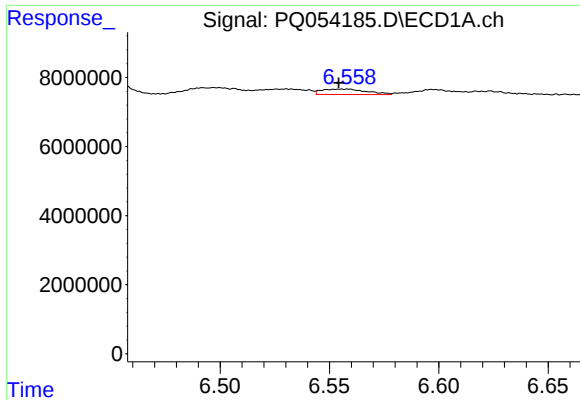
#16 AR-1242-1

R.T.: 6.530 min  
Delta R.T.: 0.000 min  
Response: 2374687  
Conc: 5.17 ng/ml



#16 AR-1242-1

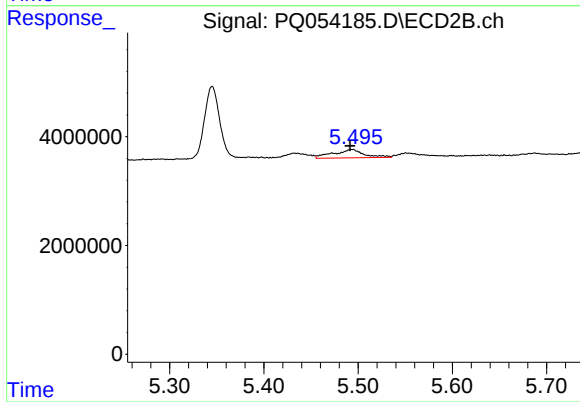
R.T.: 5.493 min  
Delta R.T.: 0.021 min  
Response: 3432083  
Conc: 12.62 ng/ml



#17 AR-1242-2

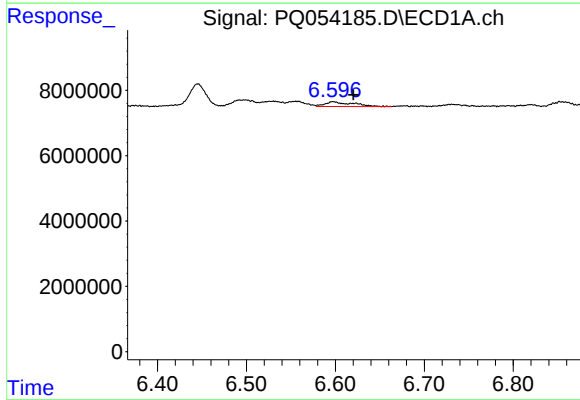
R.T.: 6.558 min  
Delta R.T.: 0.004 min  
Response: 2250611  
Conc: 3.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



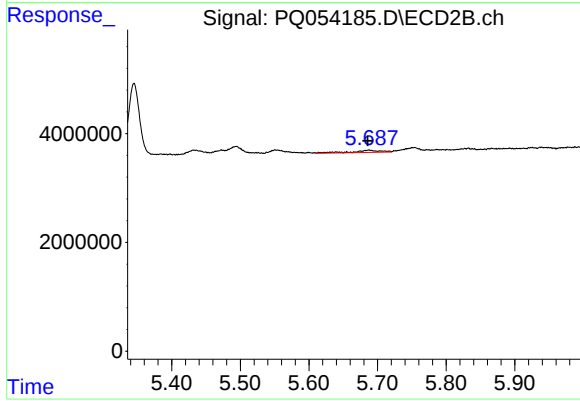
#17 AR-1242-2

R.T.: 5.493 min  
Delta R.T.: 0.002 min  
Response: 3432083  
Conc: 7.29 ng/ml



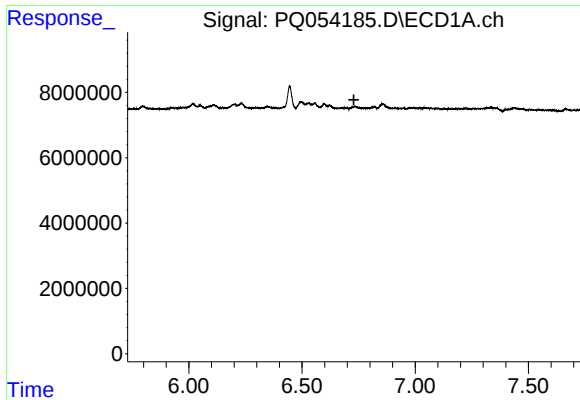
#18 AR-1242-3

R.T.: 6.597 min  
Delta R.T.: -0.023 min  
Response: 3178311  
Conc: 7.30 ng/ml



#18 AR-1242-3

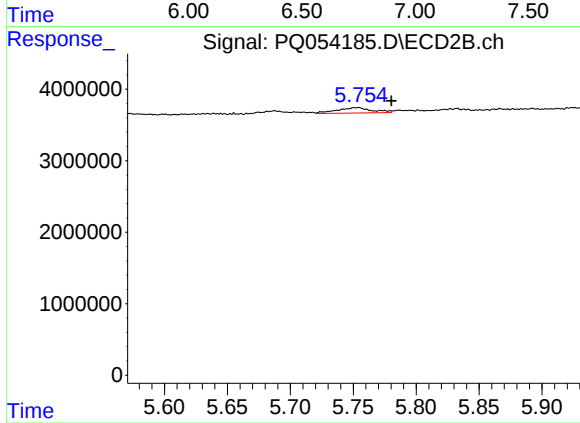
R.T.: 5.687 min  
Delta R.T.: 0.002 min  
Response: 1167146  
Conc: 5.29 ng/ml



#19 AR-1242-4

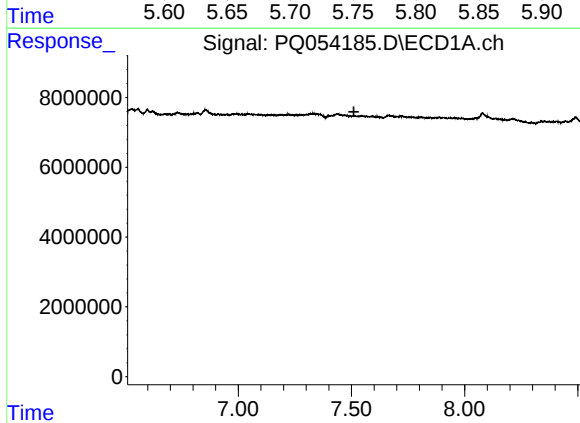
R.T.: 0.000 min  
Exp R.T. : 6.729 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



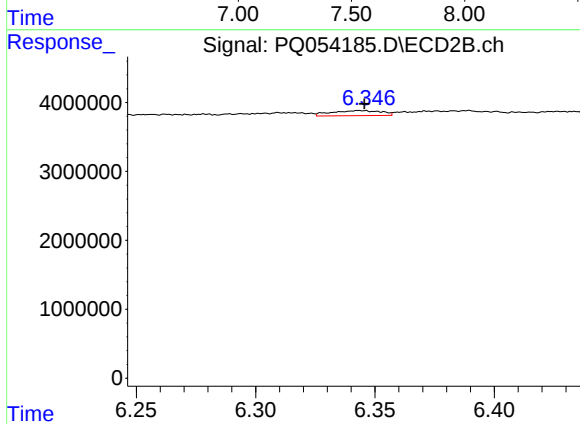
#19 AR-1242-4

R.T.: 5.753 min  
Delta R.T.: -0.028 min  
Response: 1441021  
Conc: 6.66 ng/ml



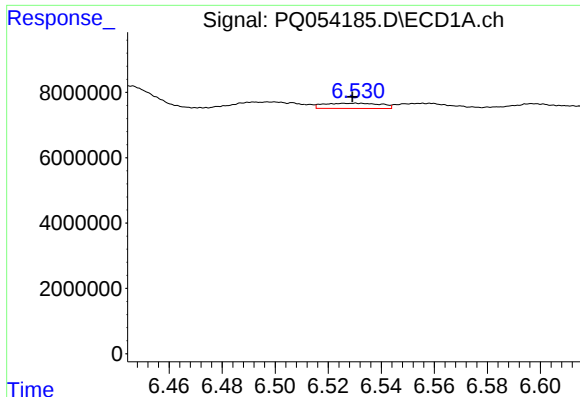
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 7.511 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

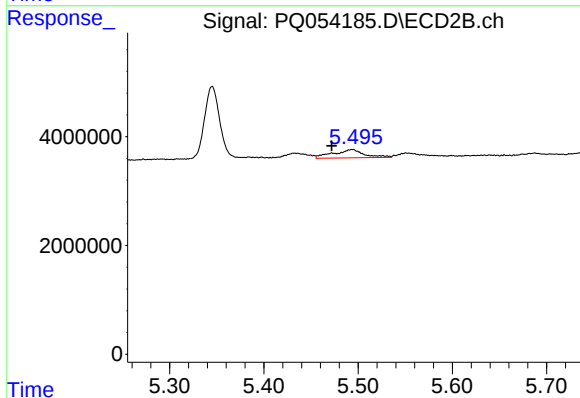
R.T.: 6.344 min  
Delta R.T.: -0.002 min  
Response: 1074992  
Conc: 3.62 ng/ml



#21 AR-1248-1

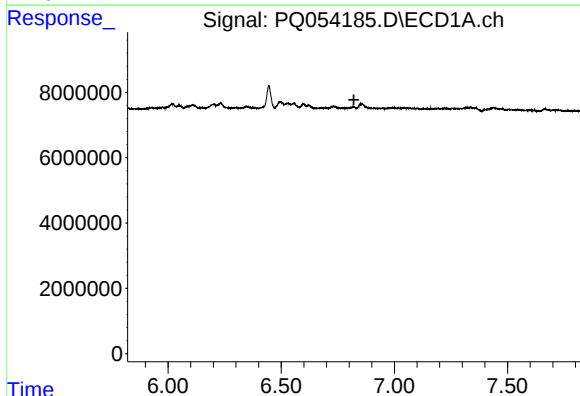
R.T.: 6.530 min  
Delta R.T.: 0.001 min  
Response: 2374687  
Conc: 6.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



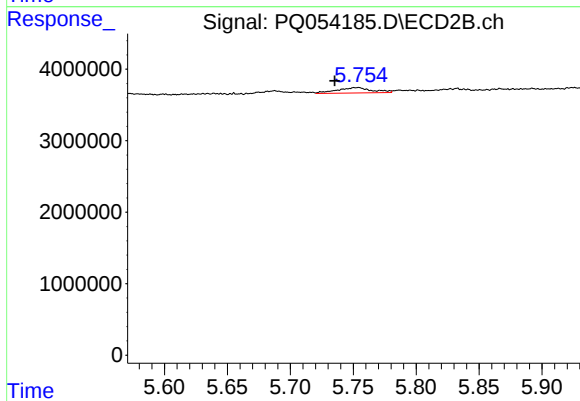
#21 AR-1248-1

R.T.: 5.493 min  
Delta R.T.: 0.022 min  
Response: 3432083  
Conc: 15.21 ng/ml



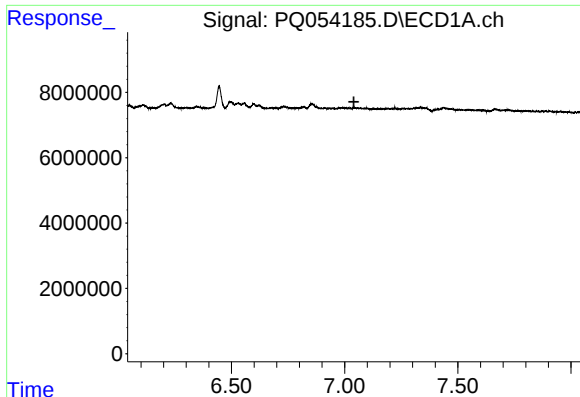
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.821 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

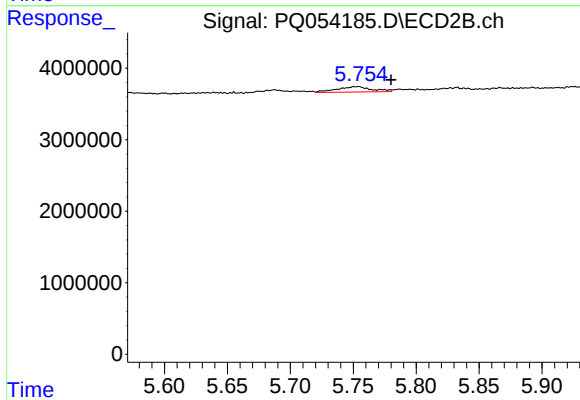
R.T.: 5.753 min  
Delta R.T.: 0.017 min  
Response: 1441021  
Conc: 4.39 ng/ml



#23 AR-1248-3

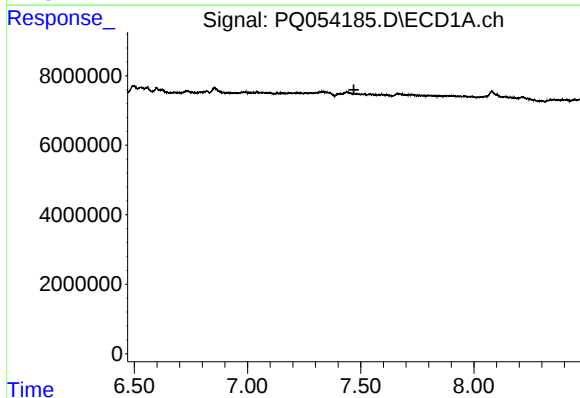
R.T.: 0.000 min  
Exp R.T.: 7.041 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



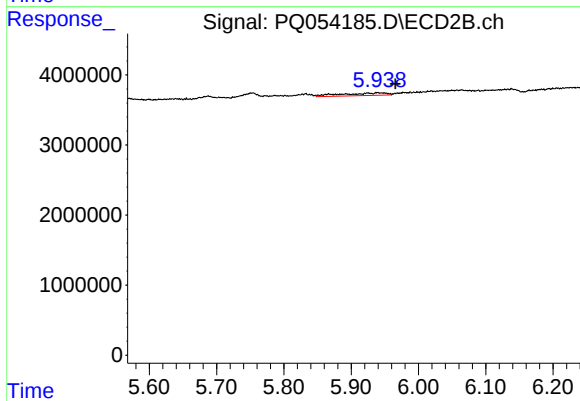
#23 AR-1248-3

R.T.: 5.753 min  
Delta R.T.: -0.027 min  
Response: 1441021  
Conc: 4.36 ng/ml



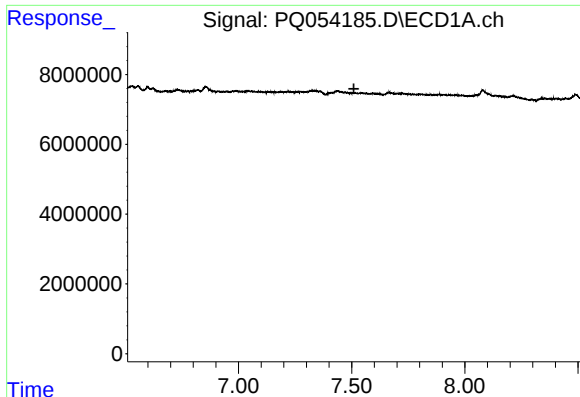
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 7.470 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

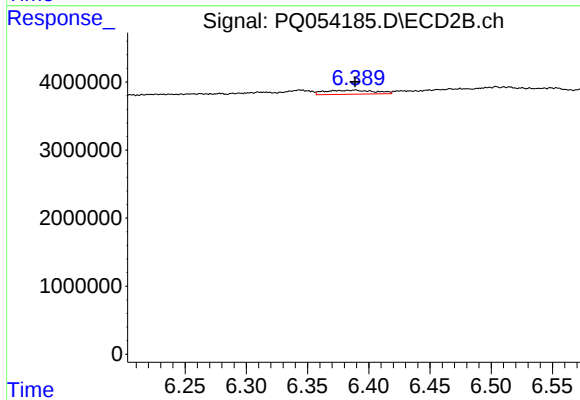
R.T.: 5.940 min  
Delta R.T.: -0.026 min  
Response: 1780889  
Conc: 4.49 ng/ml



#25 AR-1248-5

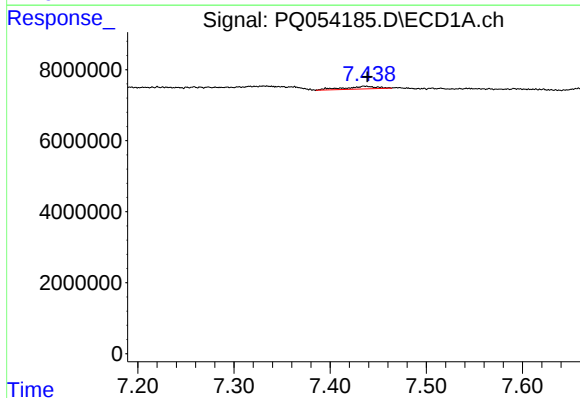
R.T.: 0.000 min  
Exp R.T.: 7.510 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



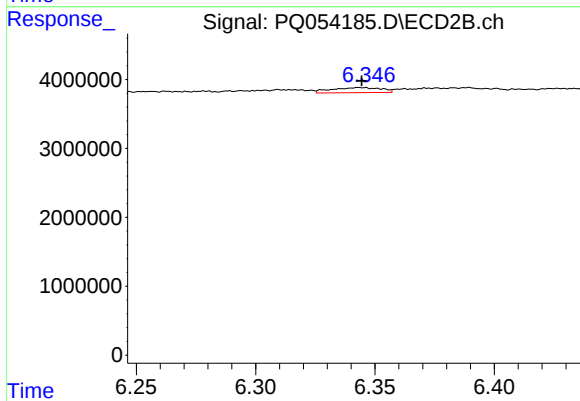
#25 AR-1248-5

R.T.: 6.388 min  
Delta R.T.: -0.001 min  
Response: 1680770  
Conc: 4.22 ng/ml



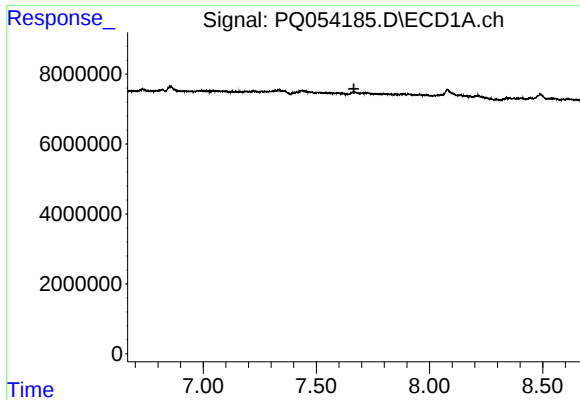
#26 AR-1254-1

R.T.: 7.436 min  
Delta R.T.: -0.003 min  
Response: 1739066  
Conc: 2.46 ng/ml



#26 AR-1254-1

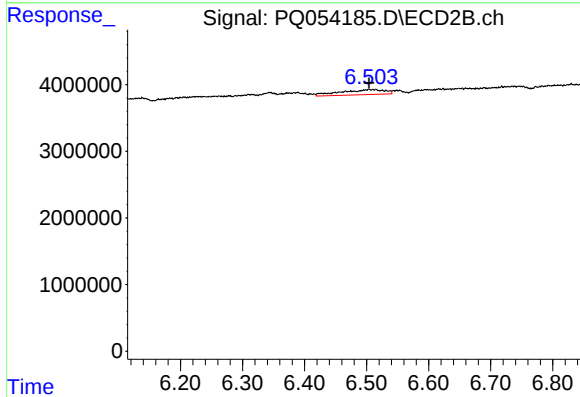
R.T.: 6.344 min  
Delta R.T.: 0.000 min  
Response: 1074992  
Conc: 1.61 ng/ml



#27 AR-1254-2

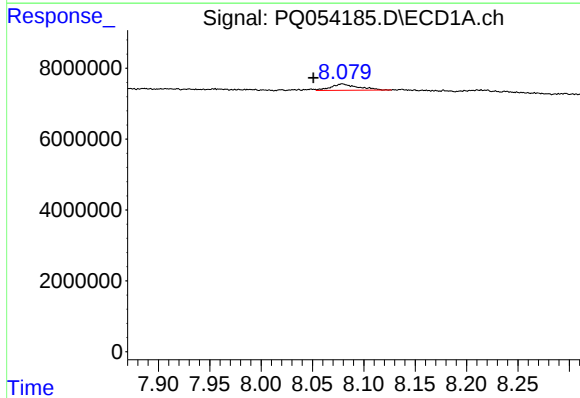
R.T.: 0.000 min  
Exp R.T.: 7.666 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



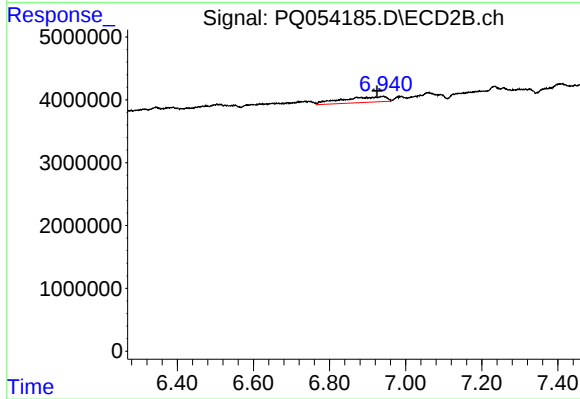
#27 AR-1254-2

R.T.: 6.504 min  
Delta R.T.: 0.000 min  
Response: 3707523  
Conc: 6.03 ng/ml



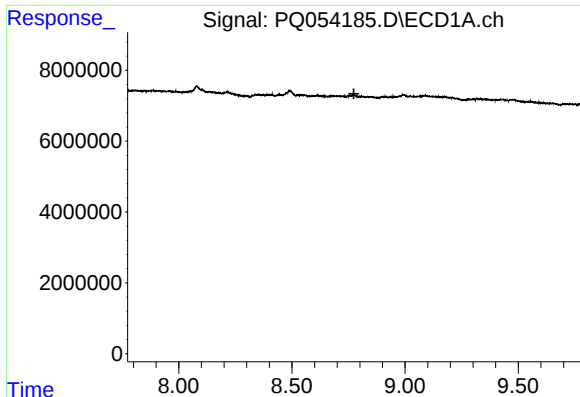
#28 AR-1254-3

R.T.: 8.079 min  
Delta R.T.: 0.028 min  
Response: 3257947  
Conc: 2.77 ng/ml



#28 AR-1254-3

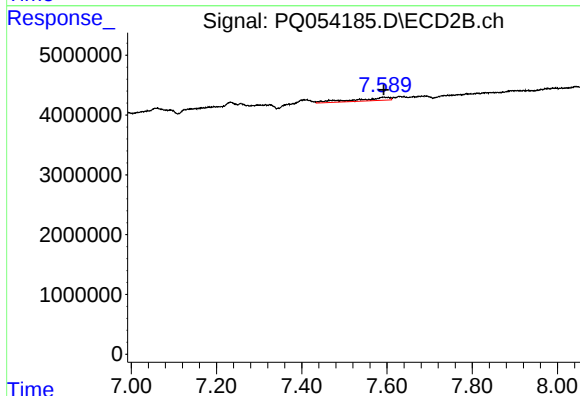
R.T.: 6.941 min  
Delta R.T.: 0.016 min  
Response: 7233197  
Conc: 7.49 ng/ml



#30 AR-1254-5

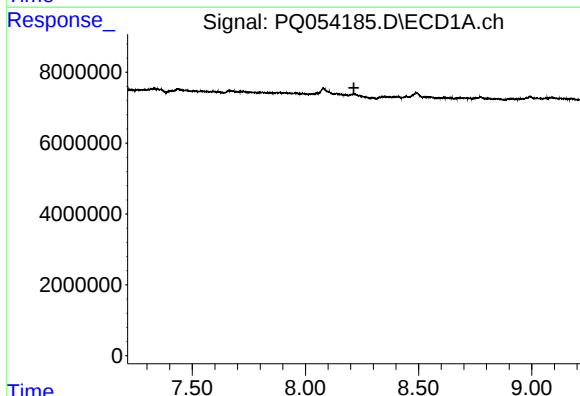
R.T.: 0.000 min  
Exp R.T.: 8.774 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



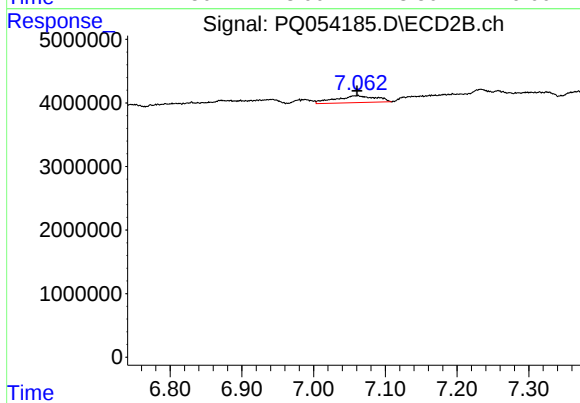
#30 AR-1254-5

R.T.: 7.592 min  
Delta R.T.: 0.000 min  
Response: 2965883  
Conc: 3.04 ng/ml



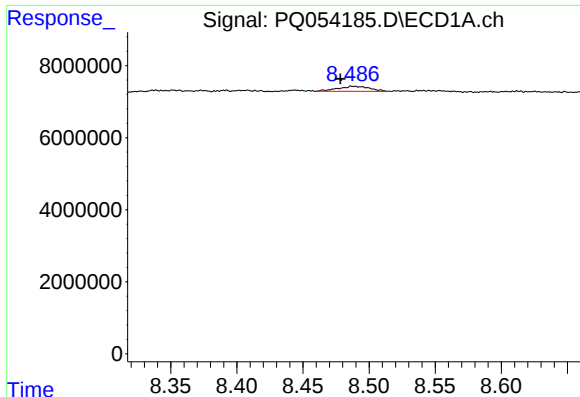
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 8.214 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

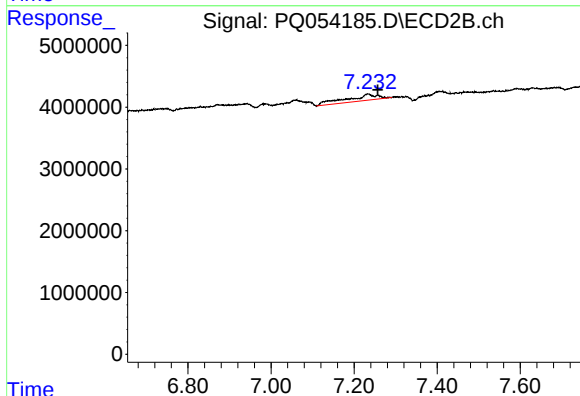
R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 4266570  
Conc: 5.69 ng/ml



#32 AR-1260-2

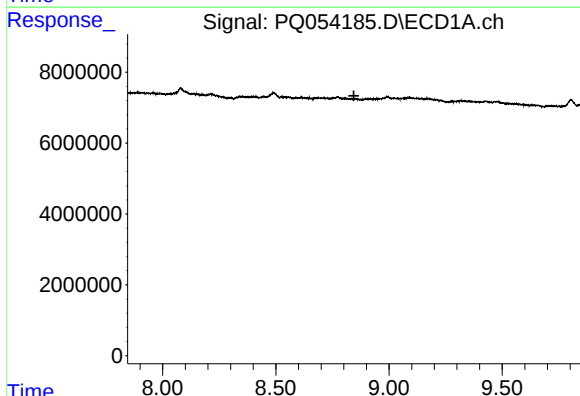
R.T.: 8.488 min  
Delta R.T.: 0.010 min  
Response: 2351298  
Conc: 2.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



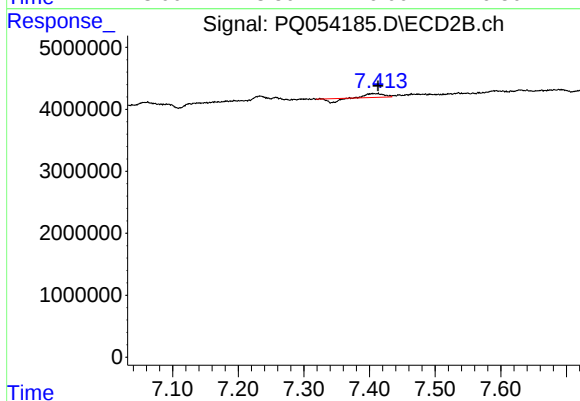
#32 AR-1260-2

R.T.: 7.233 min  
Delta R.T.: -0.024 min  
Response: 5758870  
Conc: 5.51 ng/ml



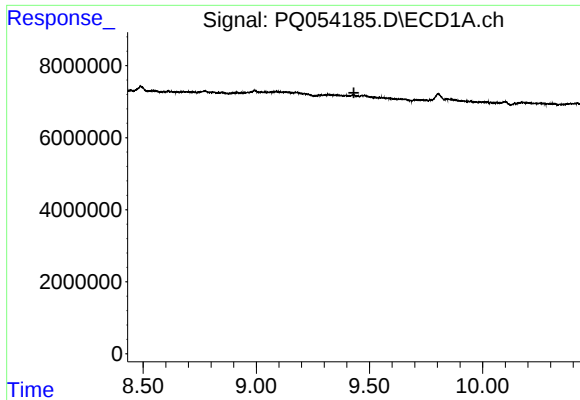
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.845 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

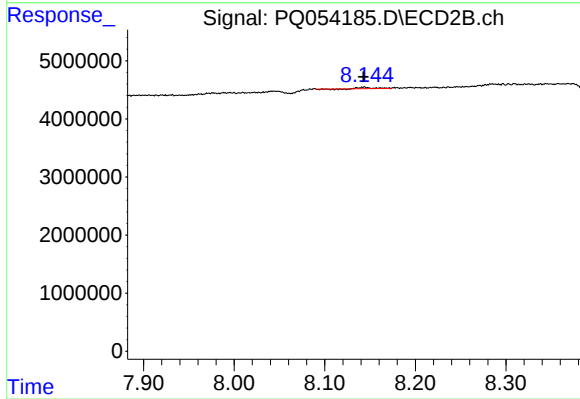
R.T.: 7.408 min  
Delta R.T.: -0.005 min  
Response: 599815  
Conc: 0.69 ng/ml



#35 AR-1260-5

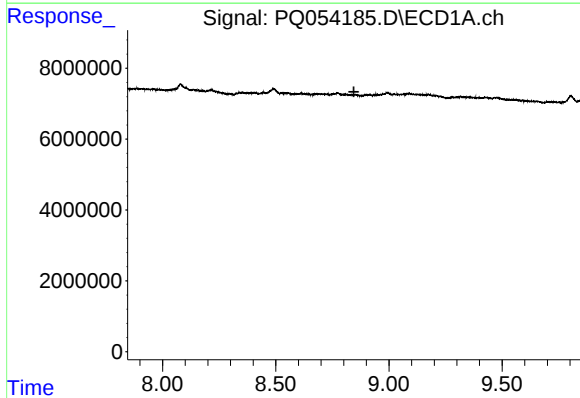
R.T.: 0.000 min  
Exp R.T. : 9.431 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



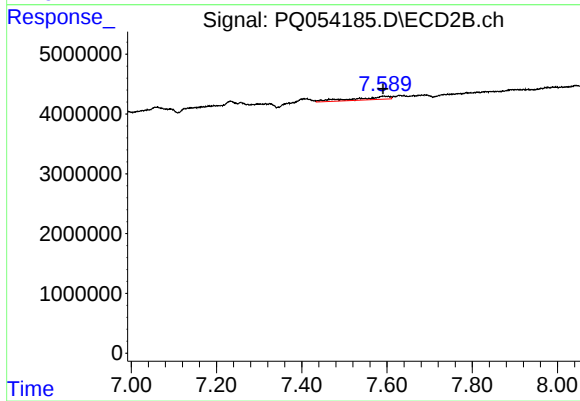
#35 AR-1260-5

R.T.: 8.144 min  
Delta R.T.: 0.001 min  
Response: 183056  
Conc: 0.11 ng/ml



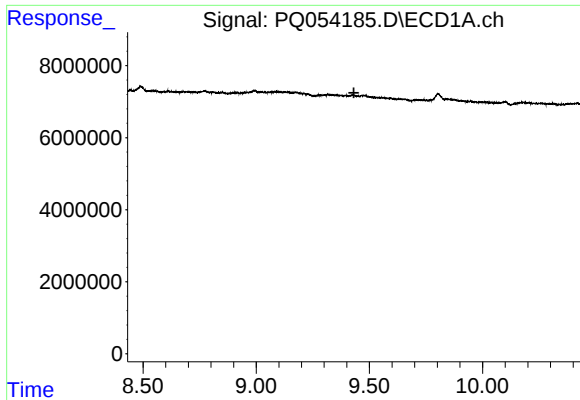
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.845 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

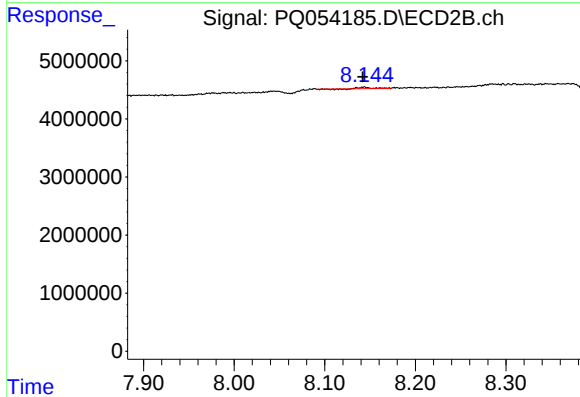
R.T.: 7.592 min  
Delta R.T.: 0.001 min  
Response: 2965883  
Conc: 6.56 ng/ml



#37 AR-1262-2

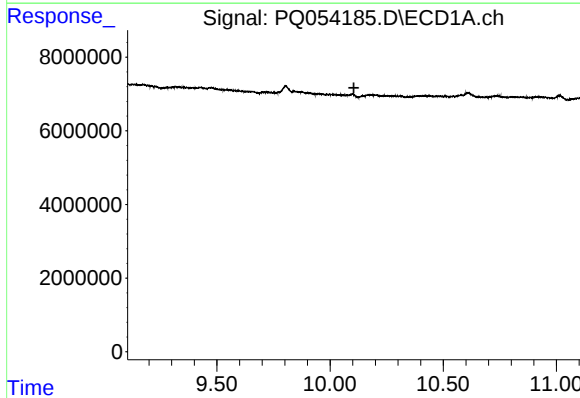
R.T.: 0.000 min  
Exp R.T.: 9.432 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



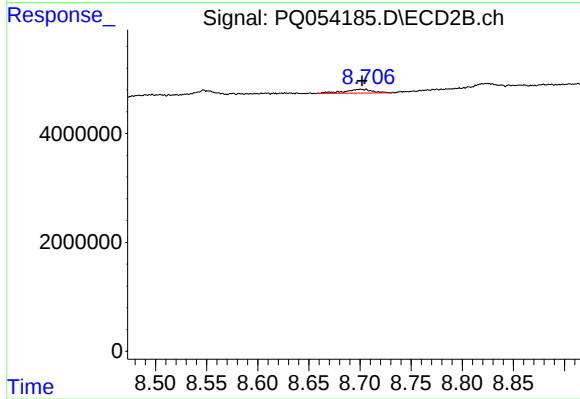
#37 AR-1262-2

R.T.: 8.144 min  
Delta R.T.: 0.002 min  
Response: 183056  
Conc: 0.10 ng/ml



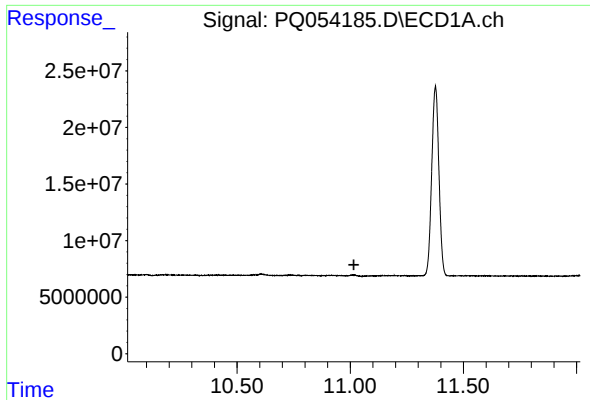
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 10.105 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

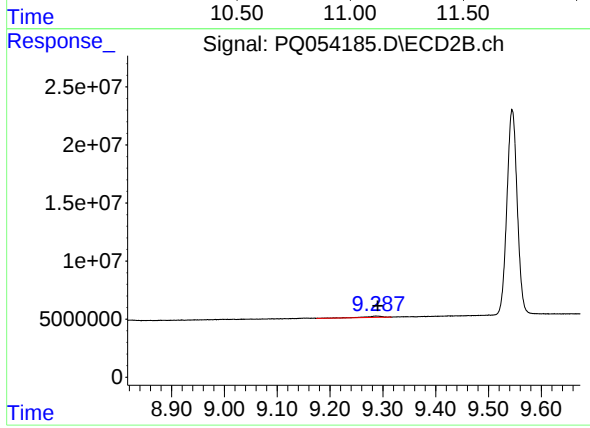
R.T.: 8.701 min  
Delta R.T.: 0.000 min  
Response: 1387558  
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 11.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.288 min  
Delta R.T.: -0.003 min  
Response: 2538954  
Conc: 0.54 ng/ml