

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122721\
 Data File : PQ055409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2021 19:48
 Operator : AJ\MA
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 04:10:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 28 03:55:41 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...	5.244	4.315	272.8E6	212.3E6	24.241	23.711
2) SA Decachlor...	11.431	9.702	377.5E6	187.1E6	26.580	24.215
Target Compounds						
3) L1 AR-1016-1	0.000	5.607f	0	1865006	N.D.	5.334 #
4) L1 AR-1016-2	0.000	5.607	0	1865006	N.D.	3.776 #
5) L1 AR-1016-3	6.637f	5.800	3717264	435282	10.238	1.694 #
6) L1 AR-1016-4	0.000	5.863	0	1145644	N.D.	5.637 #
7) L1 AR-1016-5	0.000	6.104f	0	4786139	N.D.	18.849 #
8) L2 AR-1221-1	5.506	4.578	2914970	123812	23.386	1.168 #
9) L2 AR-1221-2	5.611f	4.673	21057848	3183280	188.528	41.563 #
10) L2 AR-1221-3	0.000	4.746f	0	6569358	N.D.	25.575 #
11) L3 AR-1232-1	0.000	4.746f	0	6569358	N.D.	30.983 #
12) L3 AR-1232-2	6.255f	5.607	1305732	1865006	10.767	9.380
13) L3 AR-1232-3	0.000	5.800	0	435282	N.D.	4.231 #
14) L3 AR-1232-4	0.000	5.894	0	108096	N.D.	1.205 #
15) L3 AR-1232-5	6.851	6.104f	1347300	4786139	21.050	50.273 #
16) L4 AR-1242-1	0.000	5.607f	0	1865006	N.D.	7.110 #
17) L4 AR-1242-2	0.000	5.607	0	1865006	N.D.	5.064 #
18) L4 AR-1242-3	6.637f	5.800	3717264	435282	13.700	2.254 #
19) L4 AR-1242-4	0.000	5.894	0	108096	N.D.	0.580 #
20) L4 AR-1242-5	0.000	6.455	0	1230700	N.D.	5.186 #
21) L5 AR-1248-1	0.000	5.607f	0	1865006	N.D.	9.555 #
22) L5 AR-1248-2	6.851	5.863	1347300	1145644	5.287	4.264
23) L5 AR-1248-3	0.000	5.894	0	108096	N.D.	0.386 #
24) L5 AR-1248-4	7.483f	6.104f	3607377	4786139	9.760	14.475 #
25) L5 AR-1248-5	0.000	6.519	0	2437280	N.D.	7.410 #
26) L6 AR-1254-1	7.483	6.455	3607377	1230700	9.708	2.270 #
27) L6 AR-1254-2	7.733f	6.617	157318	2370609	0.271	5.072 #
28) L6 AR-1254-3	8.105	7.046	1244544	6652386	1.767	8.745 #
29) L6 AR-1254-4	8.371f	7.300f	4592247	3317635	8.685	7.132
30) L6 AR-1254-5	0.000	7.719	0	2038933	N.D.	3.167 #
31) L7 AR-1260-1	8.279f	7.179	3613047	2653299	8.300	5.581 #
32) L7 AR-1260-2	8.535	7.379	7111728	870226	13.170	1.533 #
33) L7 AR-1260-3	0.000	7.520f	0	3771249	N.D.	6.656 #
34) L7 AR-1260-4	0.000	8.024	0	850561	N.D.	2.064 #
35) L7 AR-1260-5	9.479	8.262	1637217	1215944	1.425	1.195
36) L8 AR-1262-1	0.000	7.719	0	2038933	N.D.	6.724 #
37) L8 AR-1262-2	9.479	8.262	1637217	1215944	1.362	1.112
39) L8 AR-1262-4	0.000	8.616	0	1582617	N.D.	2.037 #
40) L8 AR-1262-5	10.609f	9.131	1355459	446640	2.359	1.284 #
42) L9 AR-1268-2	0.000	8.616	0	1582617	N.D.	1.298 #
43) L9 AR-1268-3	0.000	8.828	0	520845	N.D.	0.516 #

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 Integration File signal 2: autoint2.e
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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
44) L9	AR-1268-4	10.609f	9.131	1355459	446640	1.790	1.068 #
45) L9	AR-1268-5	11.067	9.430	3352704	1210739	0.566	0.373 #

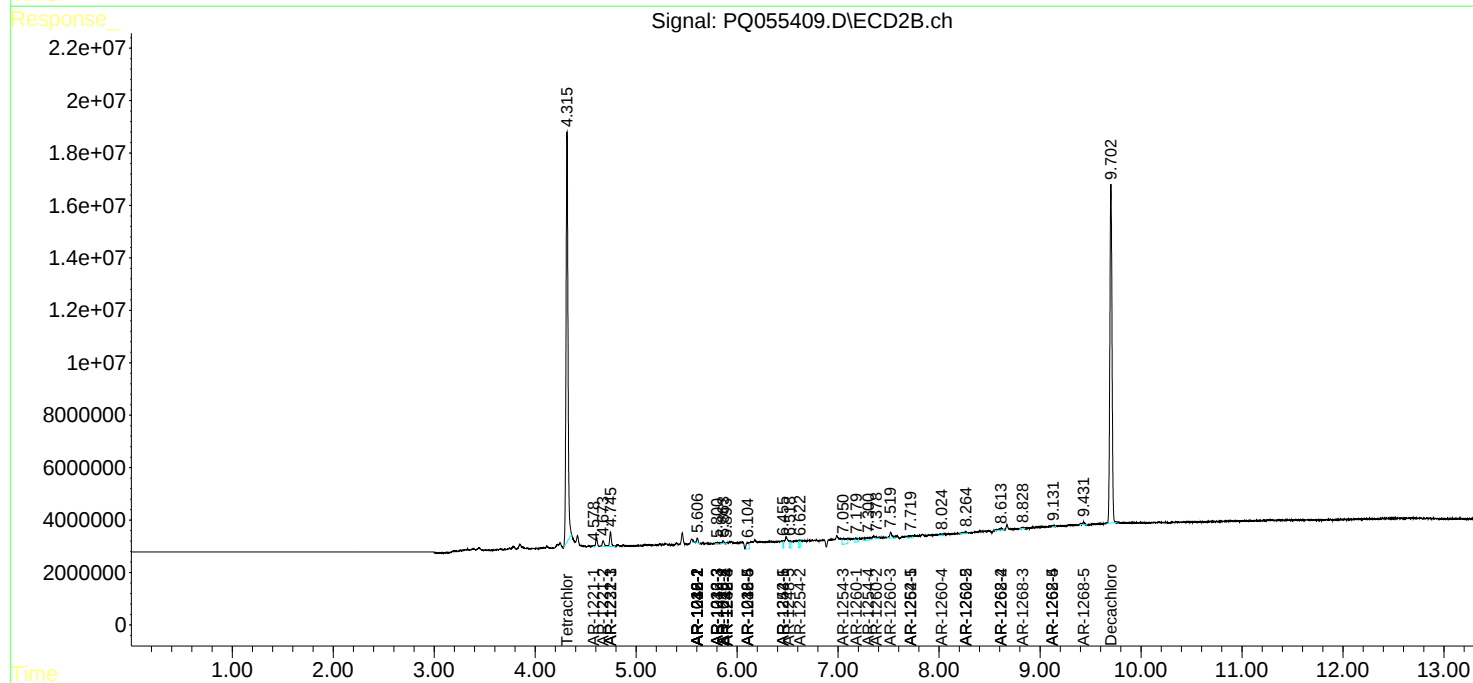
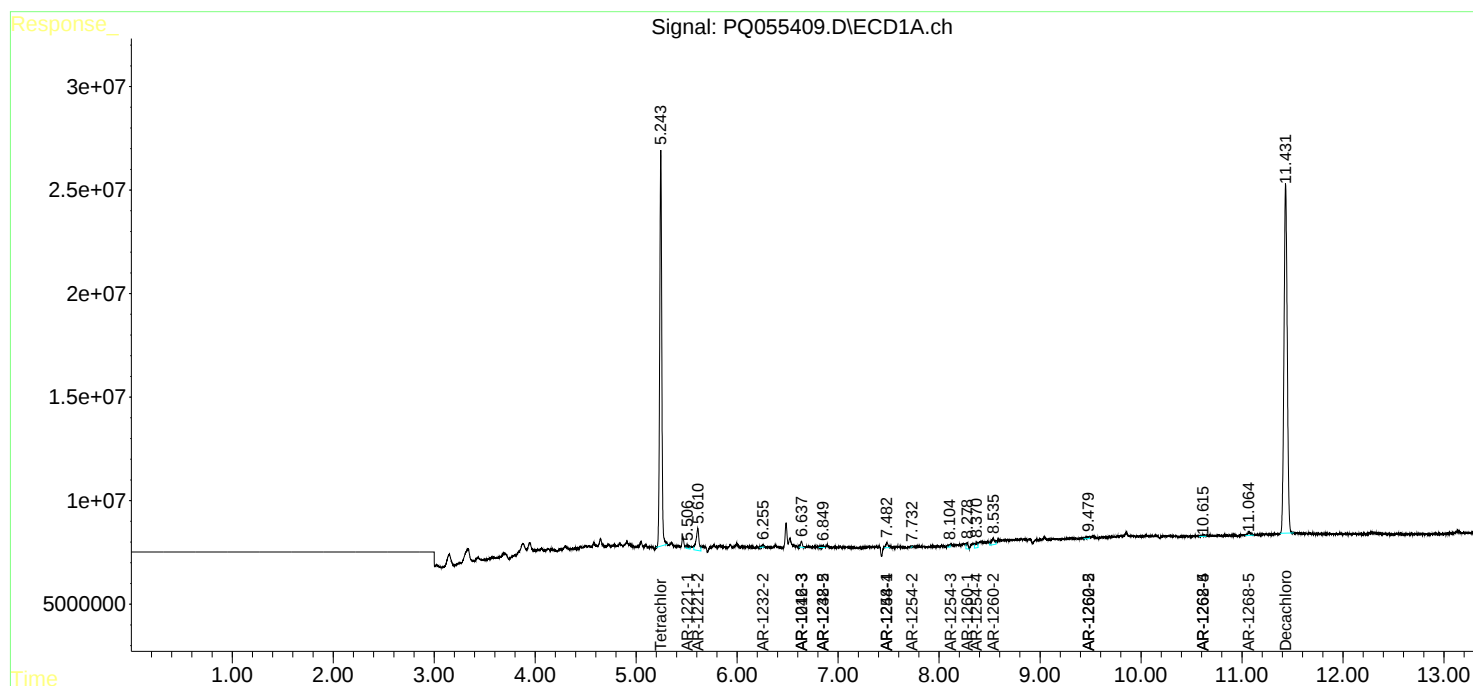
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

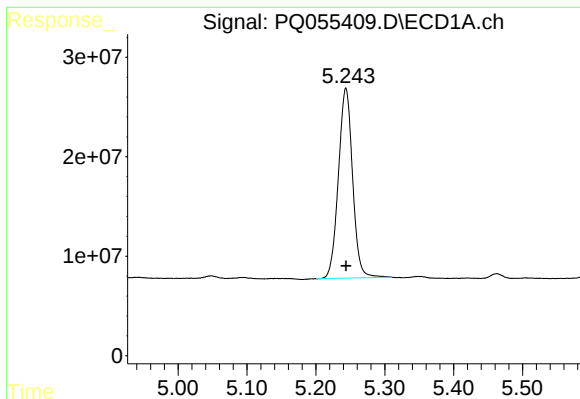
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122721\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

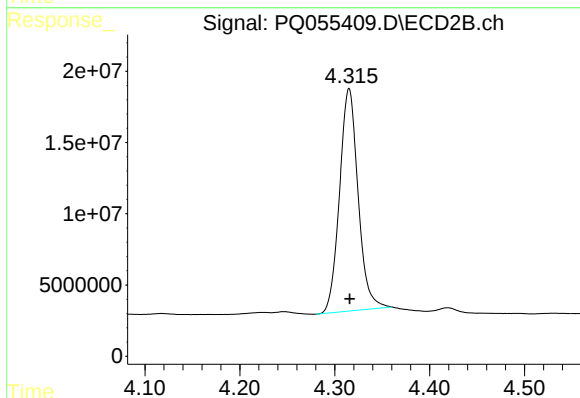




#1 Tetrachloro-m-xylene

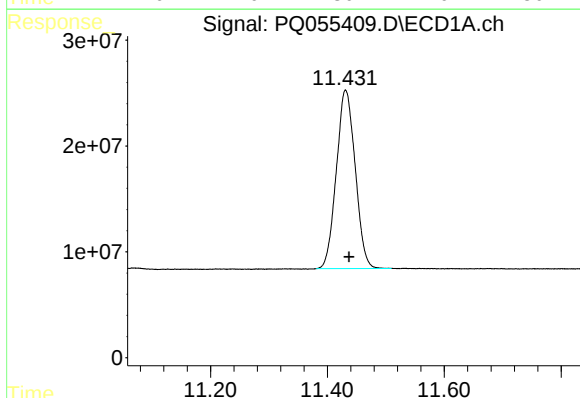
R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 272802031
Conc: 24.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



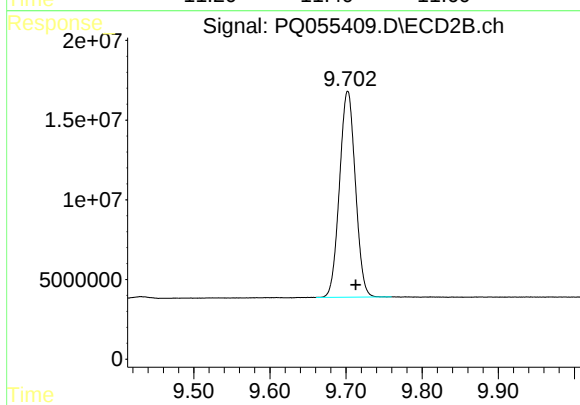
#1 Tetrachloro-m-xylene

R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 212284359
Conc: 23.71 ng/ml



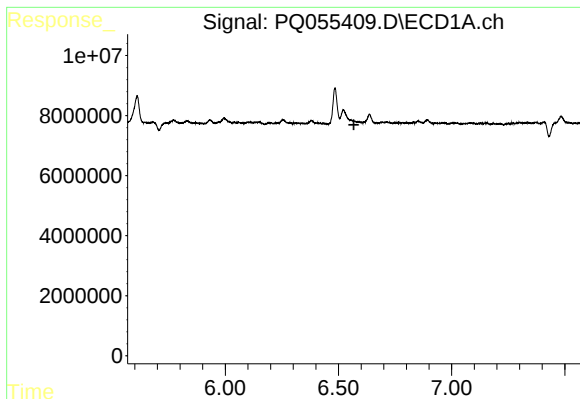
#2 Decachlorobiphenyl

R.T.: 11.431 min
Delta R.T.: -0.006 min
Response: 377493616
Conc: 26.58 ng/ml



#2 Decachlorobiphenyl

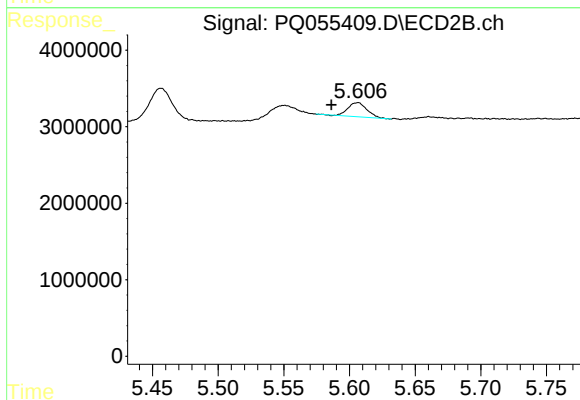
R.T.: 9.702 min
Delta R.T.: -0.011 min
Response: 187063838
Conc: 24.22 ng/ml



#3 AR-1016-1

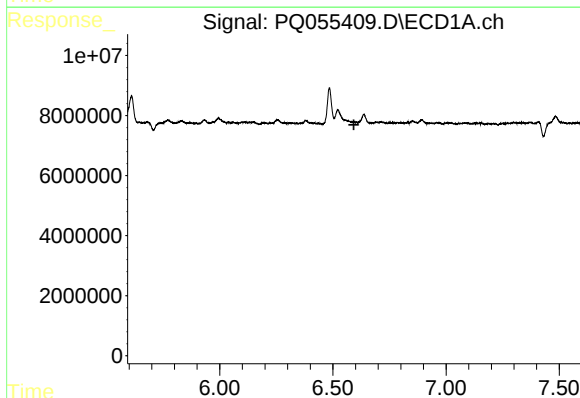
R.T.: 0.000 min
Exp R.T.: 6.568 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



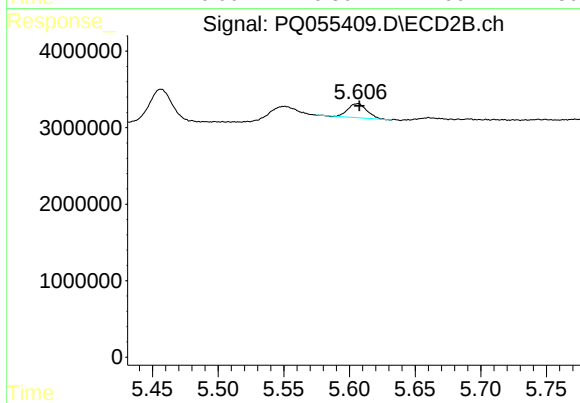
#3 AR-1016-1

R.T.: 5.607 min
Delta R.T.: 0.021 min
Response: 1865006
Conc: 5.33 ng/ml



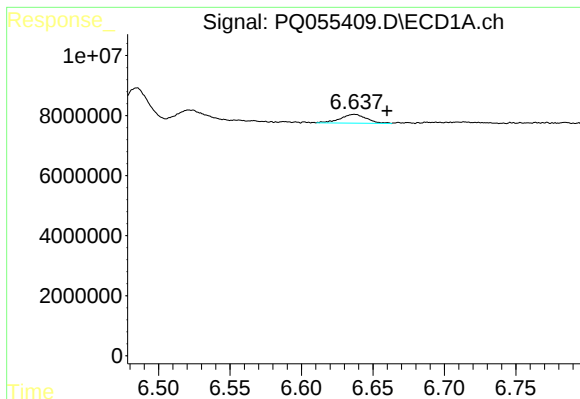
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.593 min
Response: 0
Conc: N.D.



#4 AR-1016-2

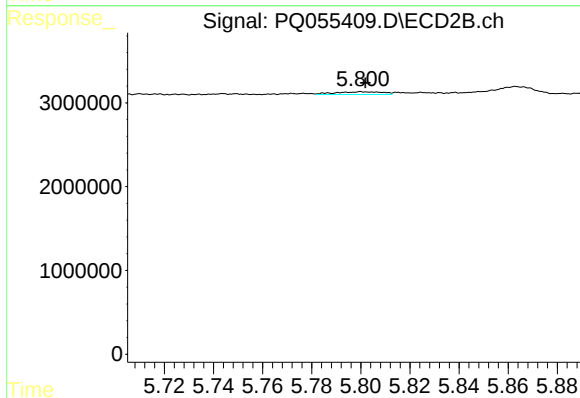
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 1865006
Conc: 3.78 ng/ml



#5 AR-1016-3

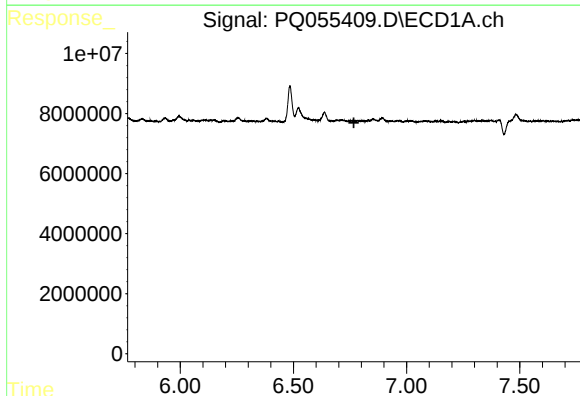
R.T.: 6.637 min
Delta R.T.: -0.023 min
Response: 3717264
Conc: 10.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



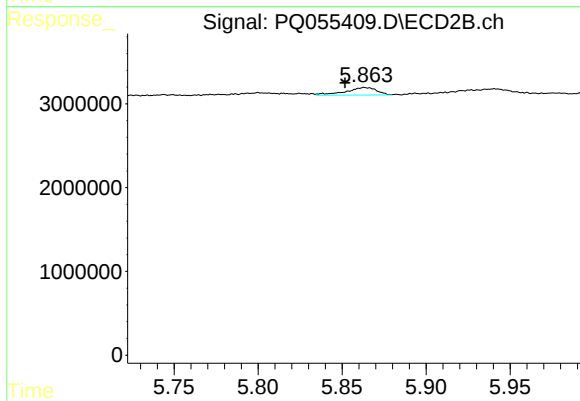
#5 AR-1016-3

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 435282
Conc: 1.69 ng/ml



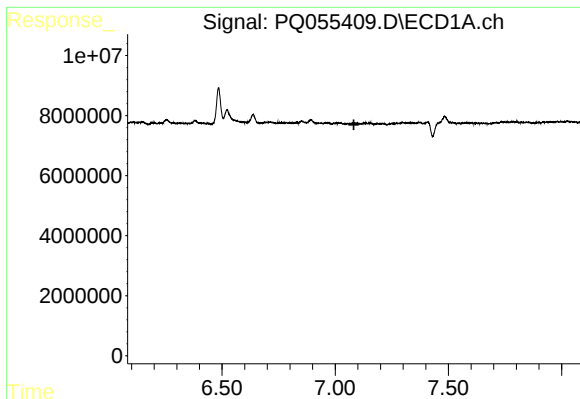
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.767 min
Response: 0
Conc: N.D.



#6 AR-1016-4

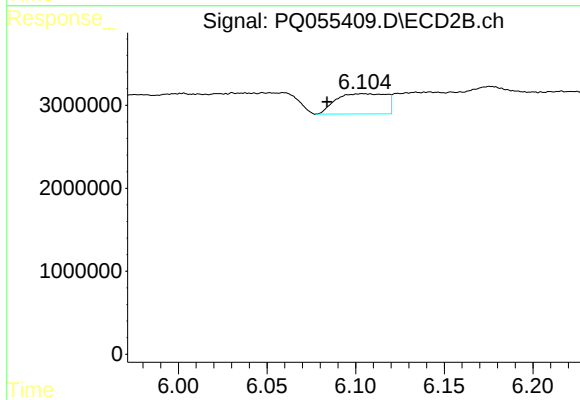
R.T.: 5.863 min
Delta R.T.: 0.011 min
Response: 1145644
Conc: 5.64 ng/ml



#7 AR-1016-5

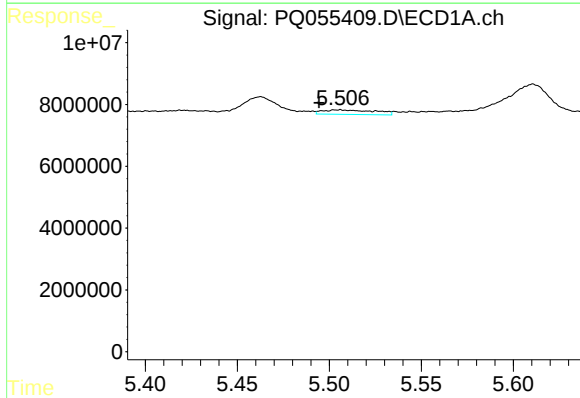
R.T.: 0.000 min
Exp R.T.: 7.082 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



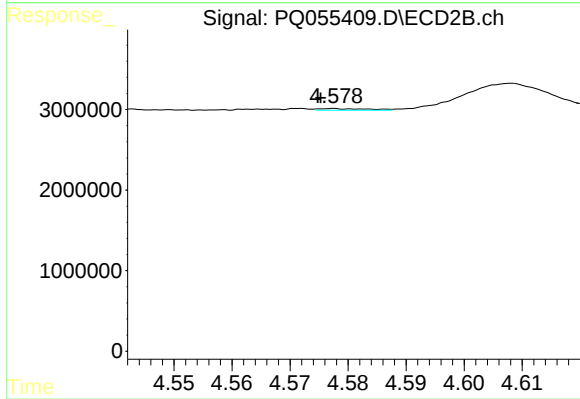
#7 AR-1016-5

R.T.: 6.104 min
Delta R.T.: 0.020 min
Response: 4786139
Conc: 18.85 ng/ml



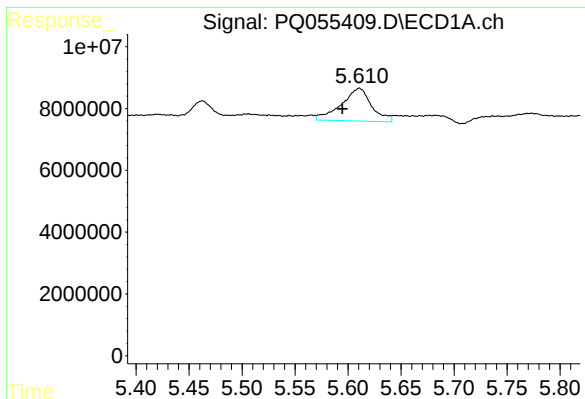
#8 AR-1221-1

R.T.: 5.506 min
Delta R.T.: 0.012 min
Response: 2914970
Conc: 23.39 ng/ml



#8 AR-1221-1

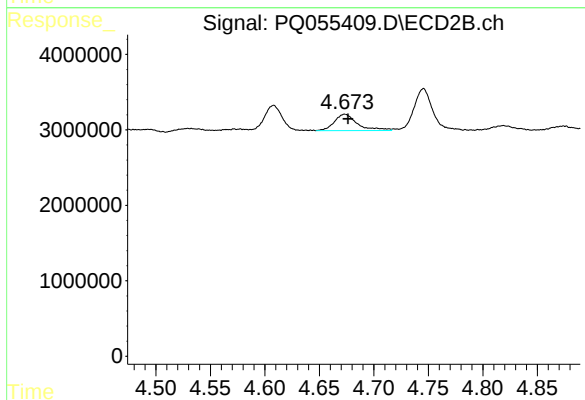
R.T.: 4.578 min
Delta R.T.: 0.002 min
Response: 123812
Conc: 1.17 ng/ml



#9 AR-1221-2

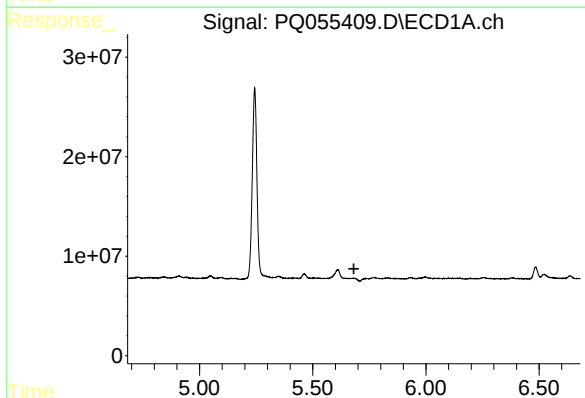
R.T.: 5.611 min
Delta R.T.: 0.016 min
Response: 21057848
Conc: 188.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



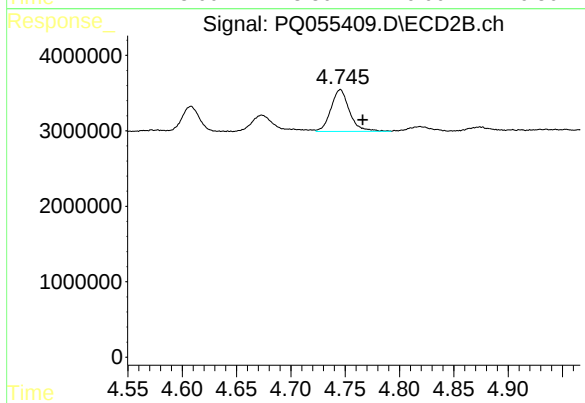
#9 AR-1221-2

R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 3183280
Conc: 41.56 ng/ml



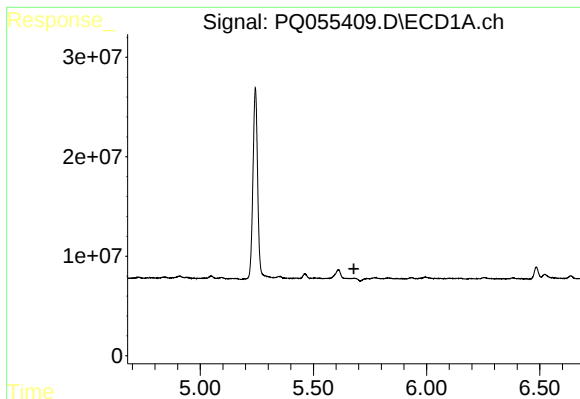
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.682 min
Response: 0
Conc: N.D.



#10 AR-1221-3

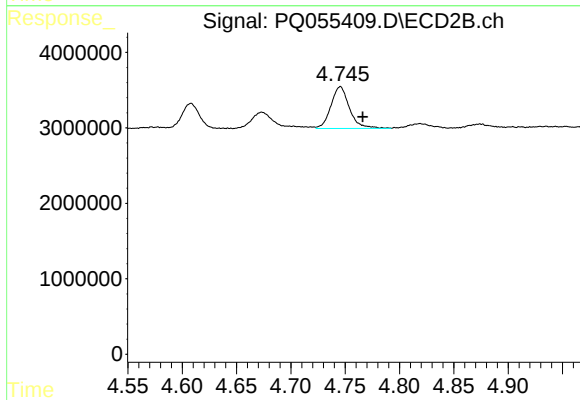
R.T.: 4.746 min
Delta R.T.: -0.021 min
Response: 6569358
Conc: 25.57 ng/ml



#11 AR-1232-1

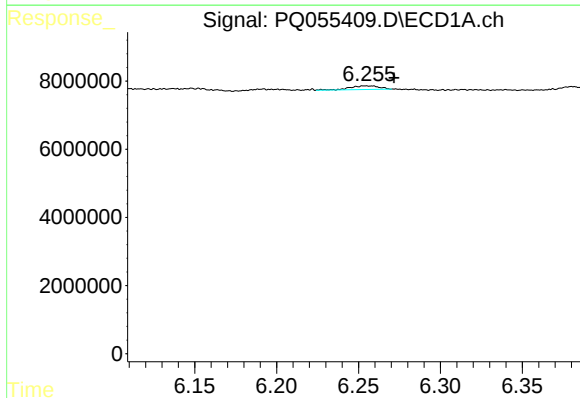
R.T.: 0.000 min
Exp R.T.: 5.679 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



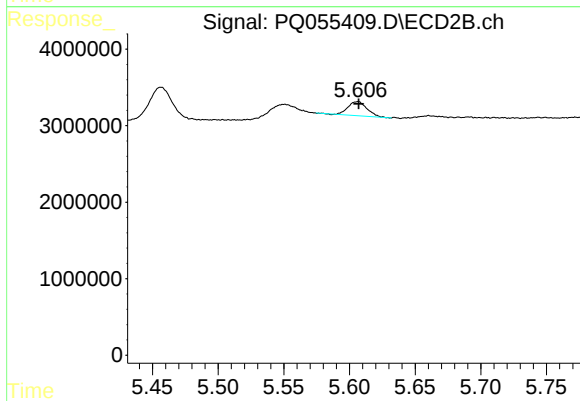
#11 AR-1232-1

R.T.: 4.746 min
Delta R.T.: -0.021 min
Response: 6569358
Conc: 30.98 ng/ml



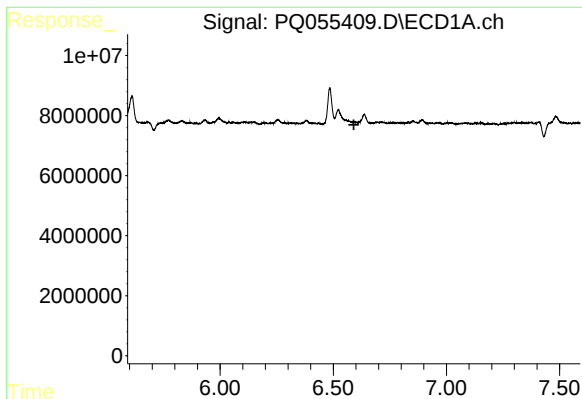
#12 AR-1232-2

R.T.: 6.255 min
Delta R.T.: -0.017 min
Response: 1305732
Conc: 10.77 ng/ml



#12 AR-1232-2

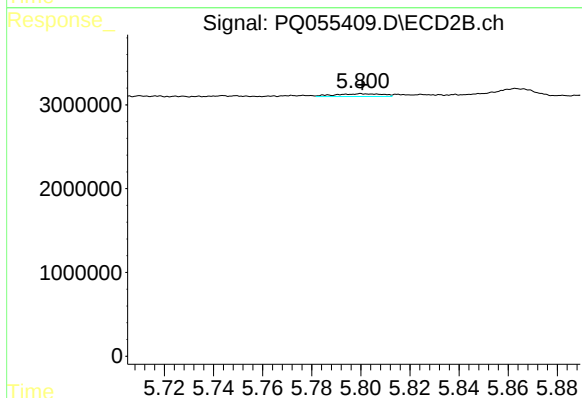
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 1865006
Conc: 9.38 ng/ml



#13 AR-1232-3

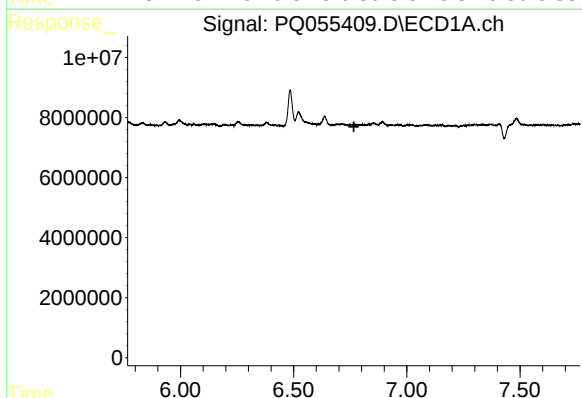
R.T.: 0.000 min
Exp R.T. : 6.591 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



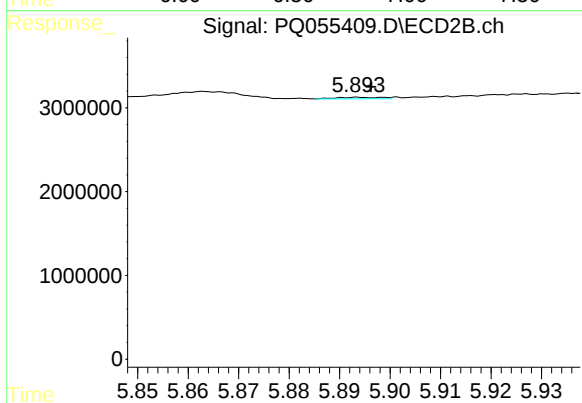
#13 AR-1232-3

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 435282
Conc: 4.23 ng/ml



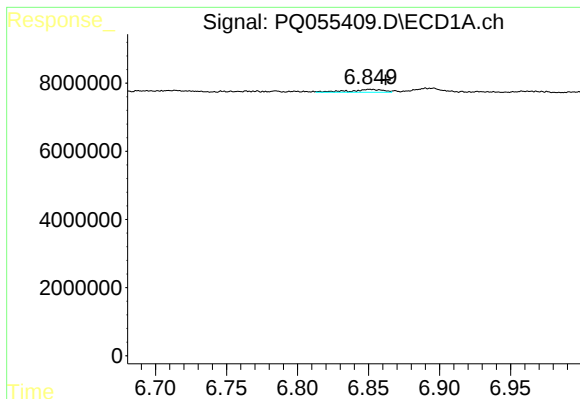
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.766 min
Response: 0
Conc: N.D.



#14 AR-1232-4

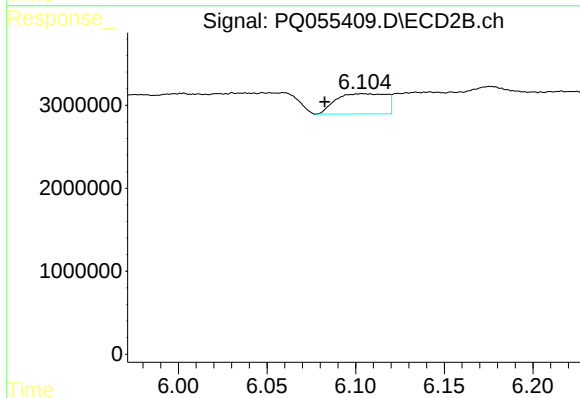
R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 108096
Conc: 1.20 ng/ml



#15 AR-1232-5

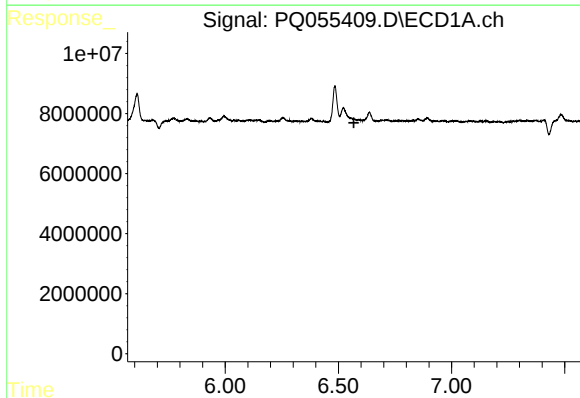
R.T.: 6.851 min
Delta R.T.: -0.012 min
Response: 1347300
Conc: 21.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



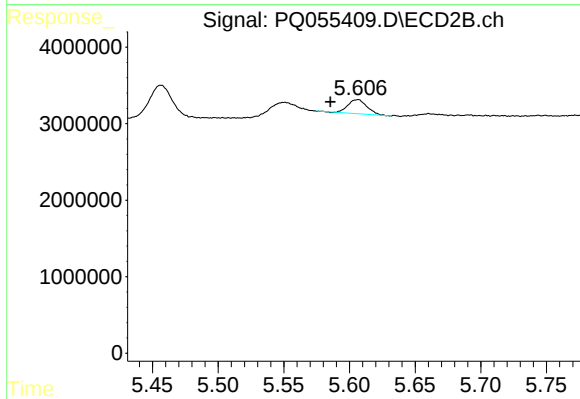
#15 AR-1232-5

R.T.: 6.104 min
Delta R.T.: 0.021 min
Response: 4786139
Conc: 50.27 ng/ml



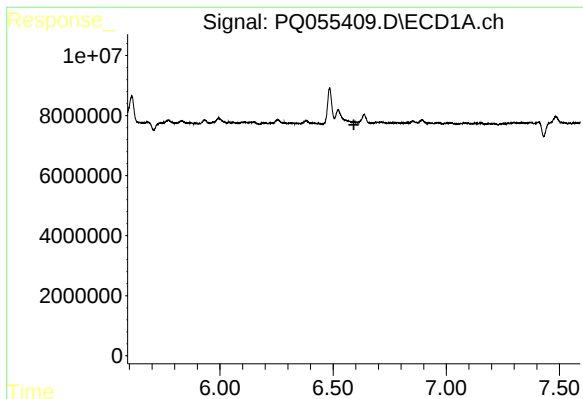
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



#16 AR-1242-1

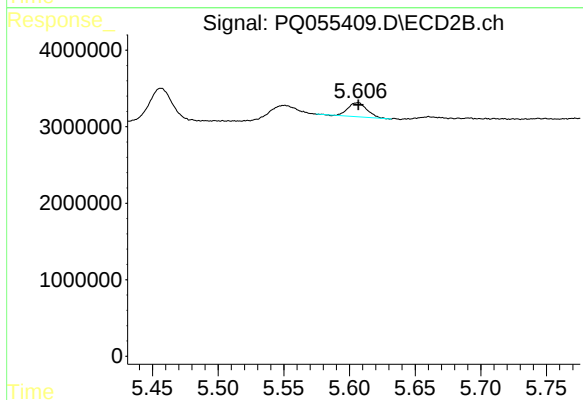
R.T.: 5.607 min
Delta R.T.: 0.021 min
Response: 1865006
Conc: 7.11 ng/ml



#17 AR-1242-2

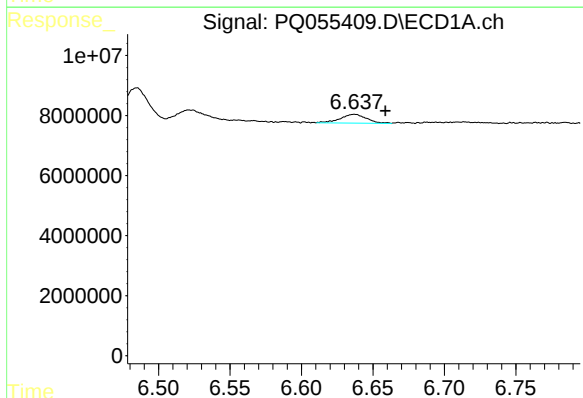
R.T.: 0.000 min
Exp R.T.: 6.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



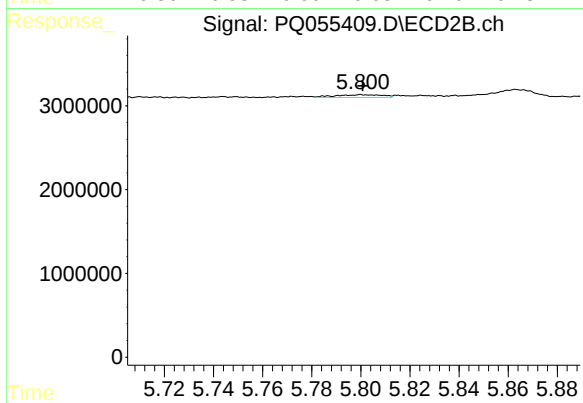
#17 AR-1242-2

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 1865006
Conc: 5.06 ng/ml



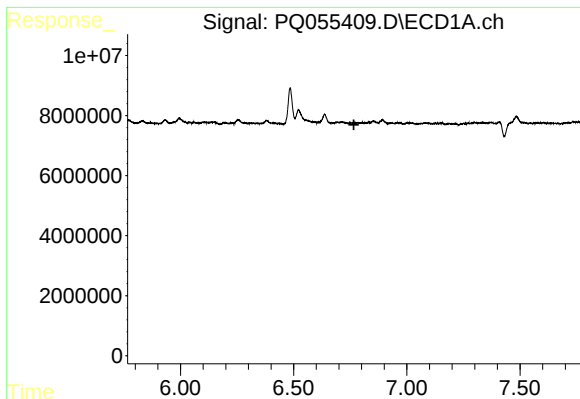
#18 AR-1242-3

R.T.: 6.637 min
Delta R.T.: -0.021 min
Response: 3717264
Conc: 13.70 ng/ml



#18 AR-1242-3

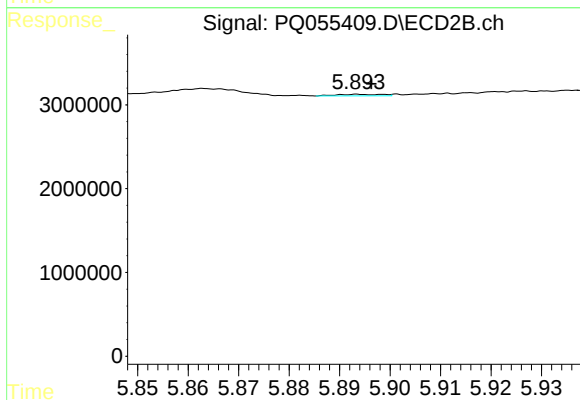
R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 435282
Conc: 2.25 ng/ml



#19 AR-1242-4

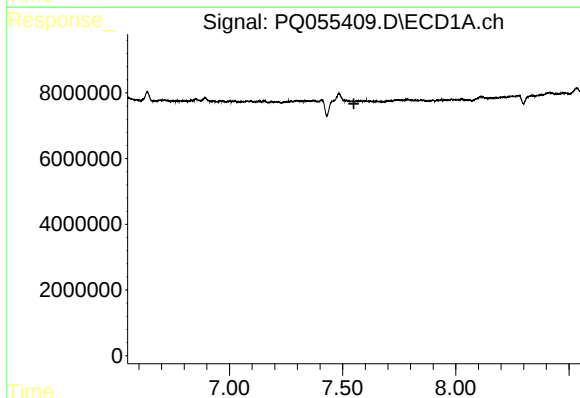
R.T.: 0.000 min
Exp R.T.: 6.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



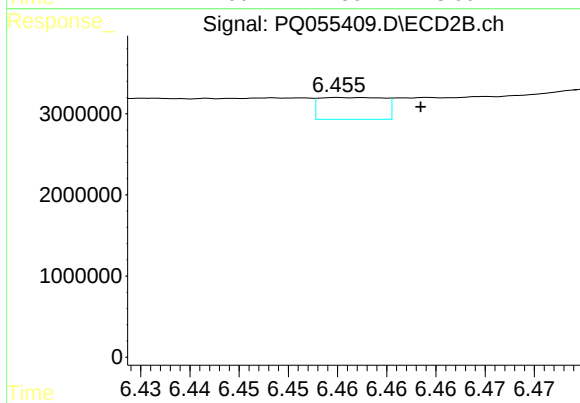
#19 AR-1242-4

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 108096
Conc: 0.58 ng/ml



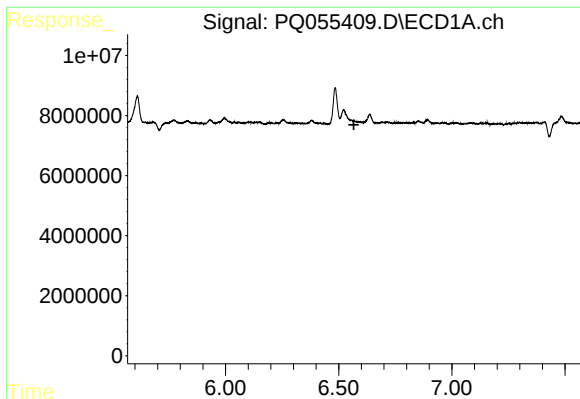
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.550 min
Response: 0
Conc: N.D.



#20 AR-1242-5

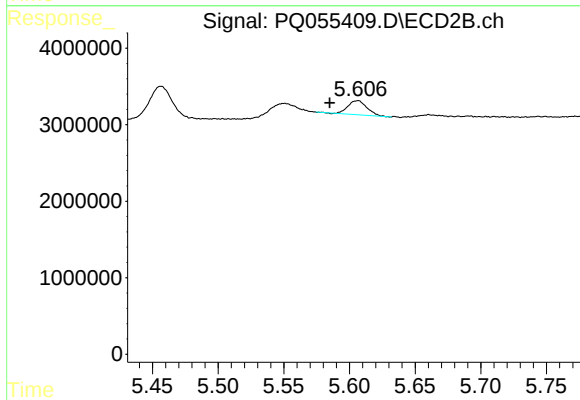
R.T.: 6.455 min
Delta R.T.: -0.008 min
Response: 1230700
Conc: 5.19 ng/ml



#21 AR-1248-1

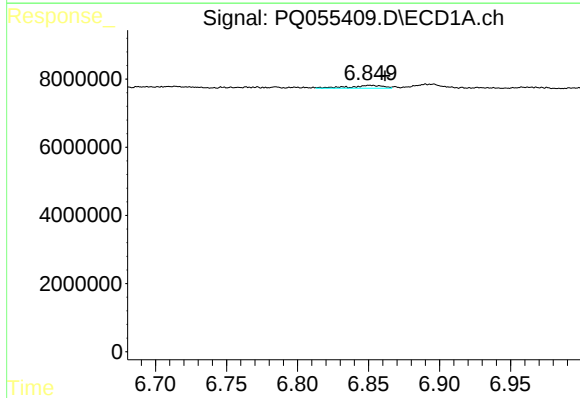
R.T.: 0.000 min
Exp R.T.: 6.567 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



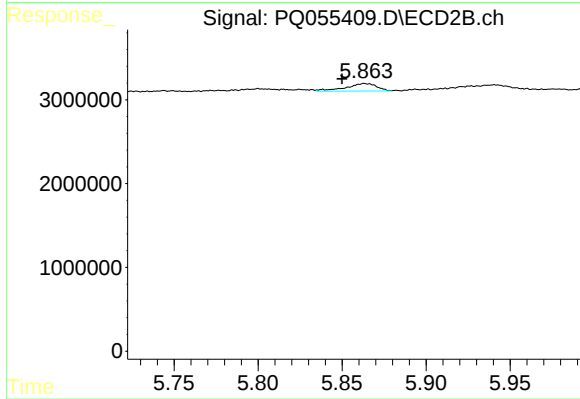
#21 AR-1248-1

R.T.: 5.607 min
Delta R.T.: 0.022 min
Response: 1865006
Conc: 9.55 ng/ml



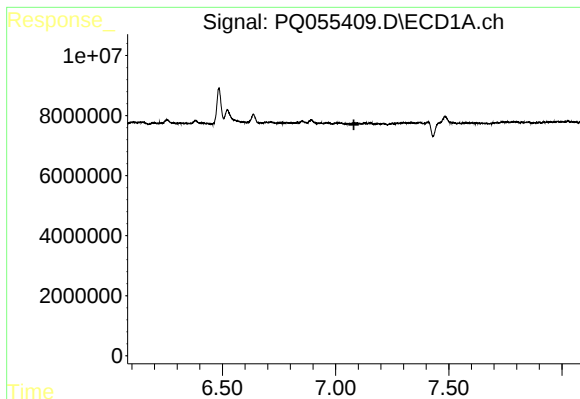
#22 AR-1248-2

R.T.: 6.851 min
Delta R.T.: -0.011 min
Response: 1347300
Conc: 5.29 ng/ml



#22 AR-1248-2

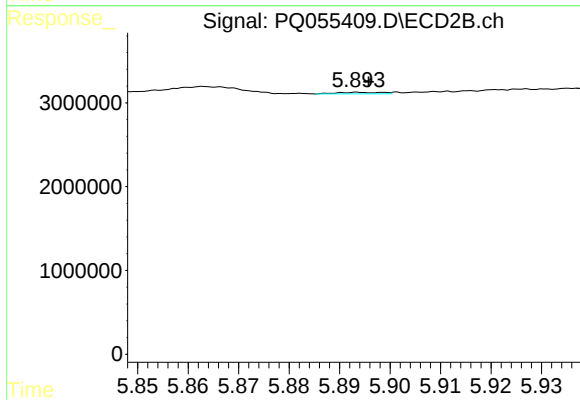
R.T.: 5.863 min
Delta R.T.: 0.013 min
Response: 1145644
Conc: 4.26 ng/ml



#23 AR-1248-3

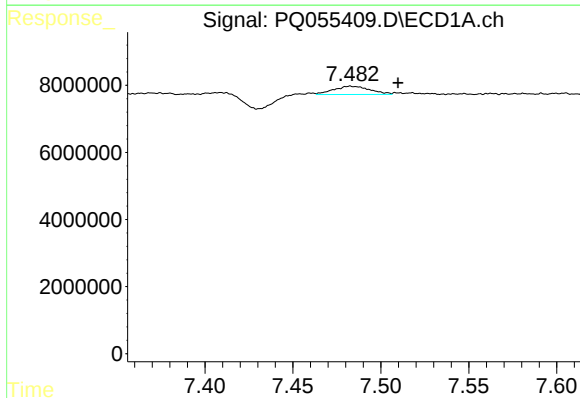
R.T.: 0.000 min
Exp R.T.: 7.081 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



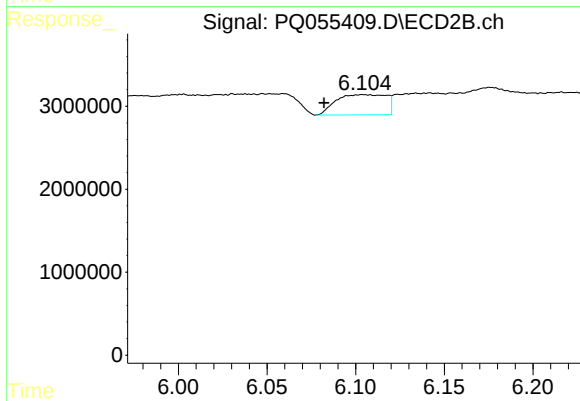
#23 AR-1248-3

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 108096
Conc: 0.39 ng/ml



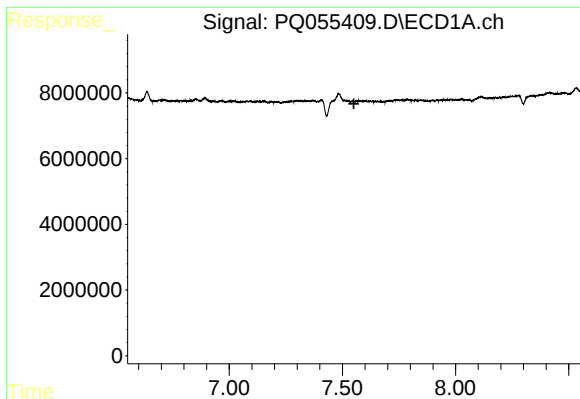
#24 AR-1248-4

R.T.: 7.483 min
Delta R.T.: -0.027 min
Response: 3607377
Conc: 9.76 ng/ml



#24 AR-1248-4

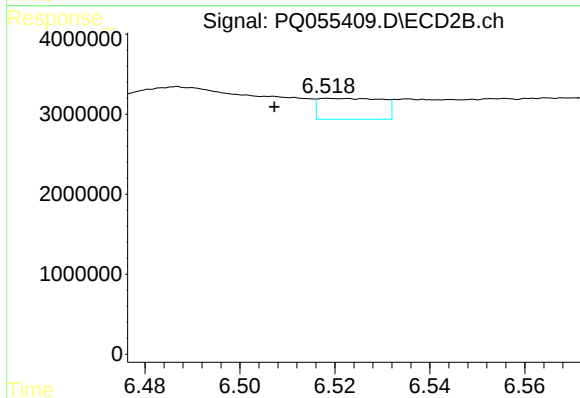
R.T.: 6.104 min
Delta R.T.: 0.022 min
Response: 4786139
Conc: 14.48 ng/ml



#25 AR-1248-5

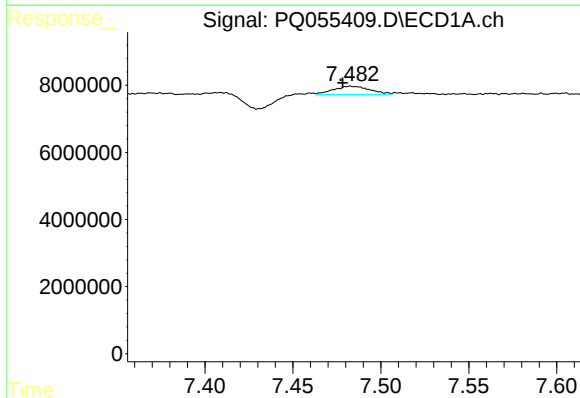
R.T.: 0.000 min
Exp R.T.: 7.551 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



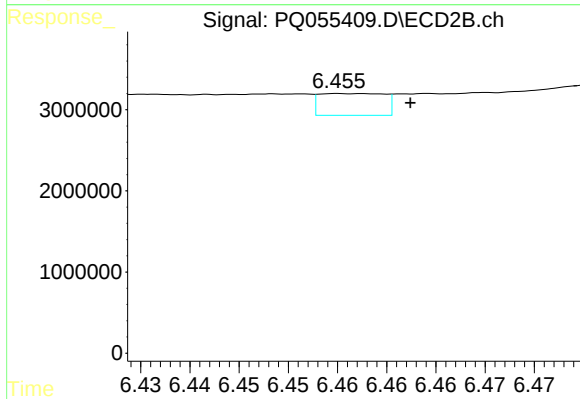
#25 AR-1248-5

R.T.: 6.519 min
Delta R.T.: 0.011 min
Response: 2437280
Conc: 7.41 ng/ml



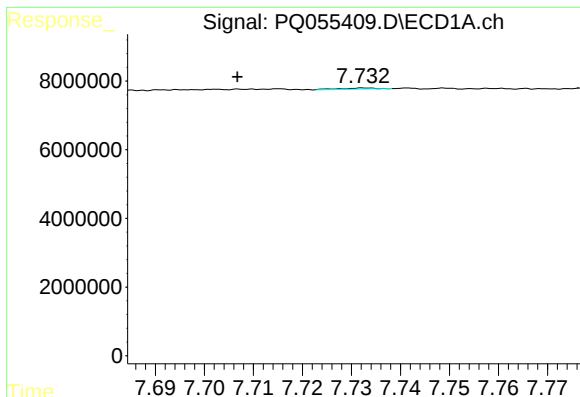
#26 AR-1254-1

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 3607377
Conc: 9.71 ng/ml



#26 AR-1254-1

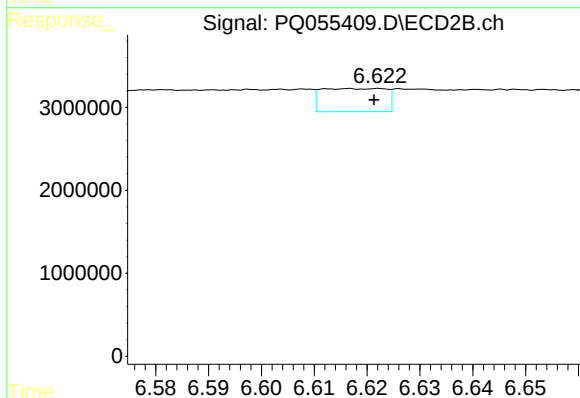
R.T.: 6.455 min
Delta R.T.: -0.007 min
Response: 1230700
Conc: 2.27 ng/ml



#27 AR-1254-2

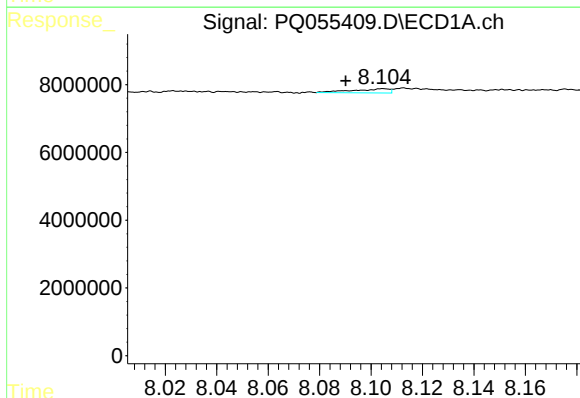
R.T.: 7.733 min
Delta R.T.: 0.026 min
Response: 157318
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



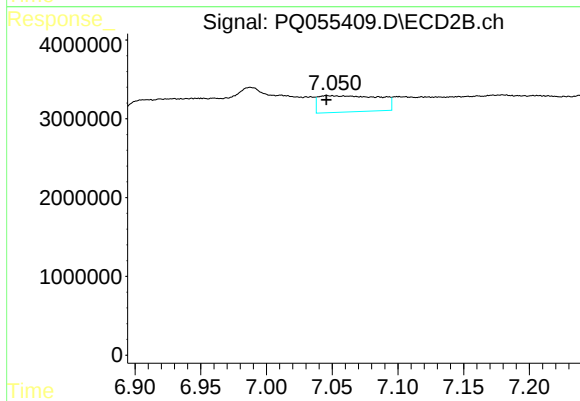
#27 AR-1254-2

R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 2370609
Conc: 5.07 ng/ml



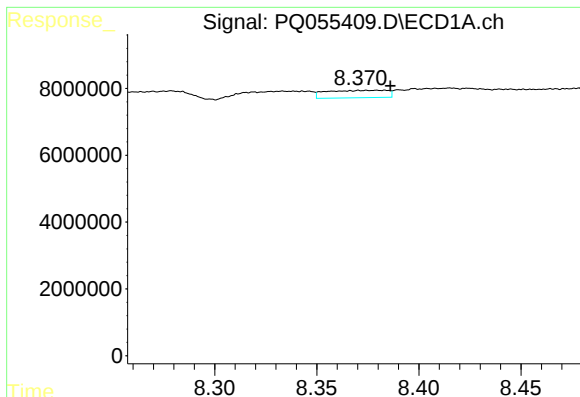
#28 AR-1254-3

R.T.: 8.105 min
Delta R.T.: 0.015 min
Response: 1244544
Conc: 1.77 ng/ml



#28 AR-1254-3

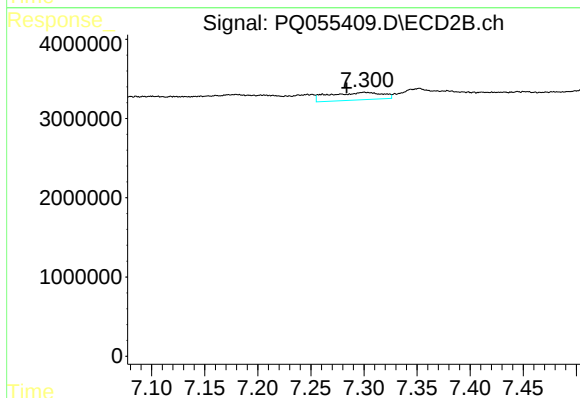
R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 6652386
Conc: 8.75 ng/ml



#29 AR-1254-4

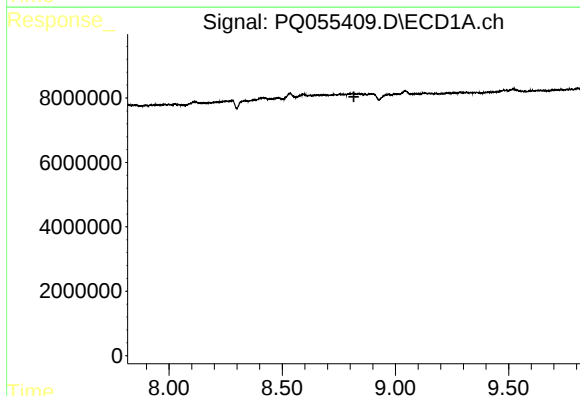
R.T.: 8.371 min
Delta R.T.: -0.016 min
Response: 4592247
Conc: 8.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



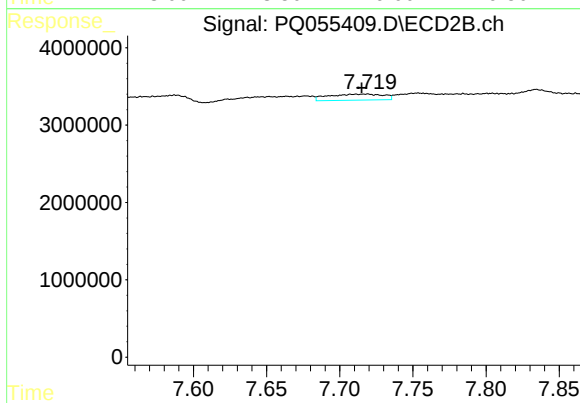
#29 AR-1254-4

R.T.: 7.300 min
Delta R.T.: 0.016 min
Response: 3317635
Conc: 7.13 ng/ml



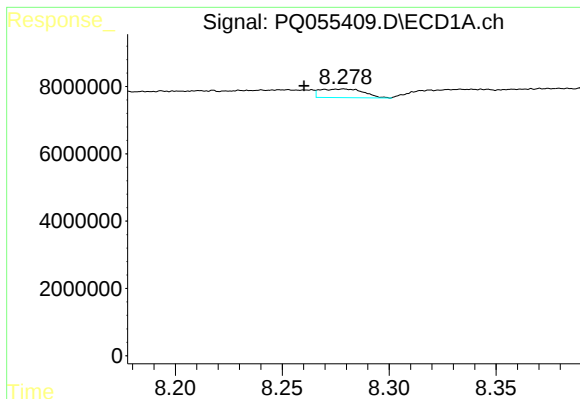
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.817 min
Response: 0
Conc: N.D.



#30 AR-1254-5

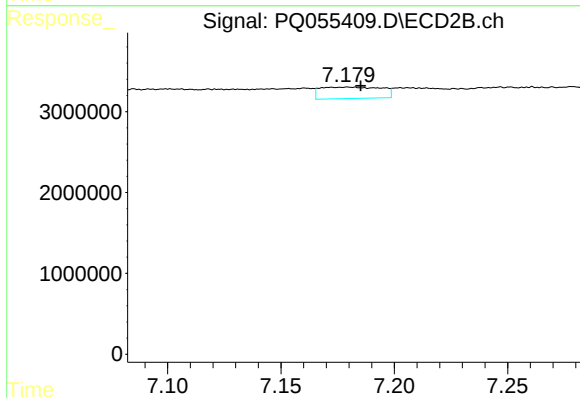
R.T.: 7.719 min
Delta R.T.: 0.004 min
Response: 2038933
Conc: 3.17 ng/ml



#31 AR-1260-1

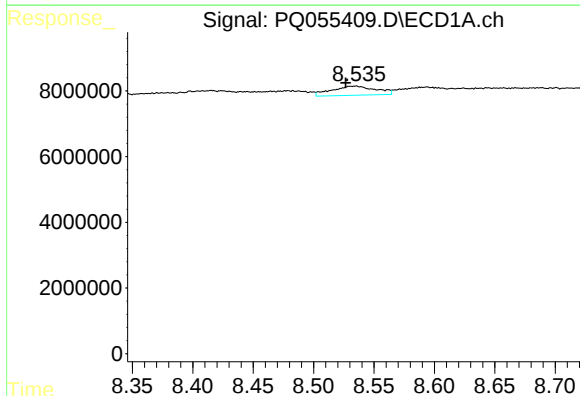
R.T.: 8.279 min
Delta R.T.: 0.019 min
Response: 3613047
Conc: 8.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



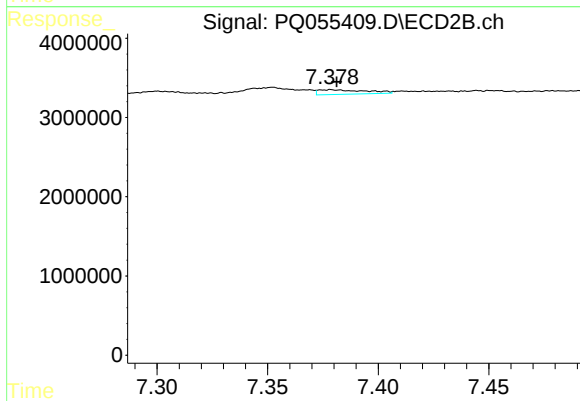
#31 AR-1260-1

R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 2653299
Conc: 5.58 ng/ml



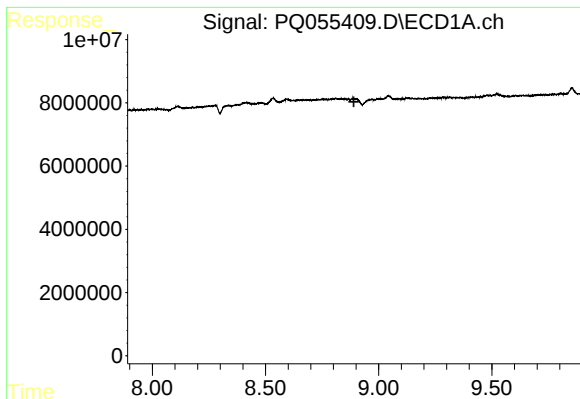
#32 AR-1260-2

R.T.: 8.535 min
Delta R.T.: 0.008 min
Response: 7111728
Conc: 13.17 ng/ml



#32 AR-1260-2

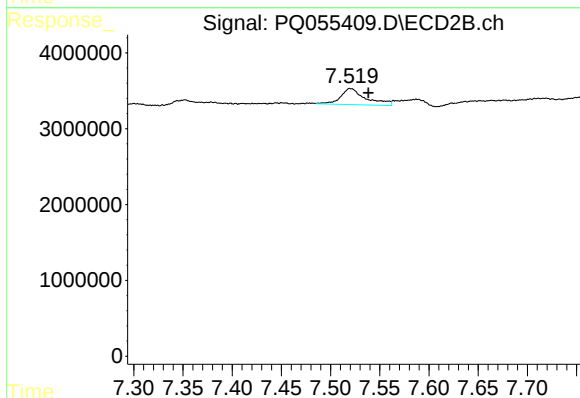
R.T.: 7.379 min
Delta R.T.: -0.003 min
Response: 870226
Conc: 1.53 ng/ml



#33 AR-1260-3

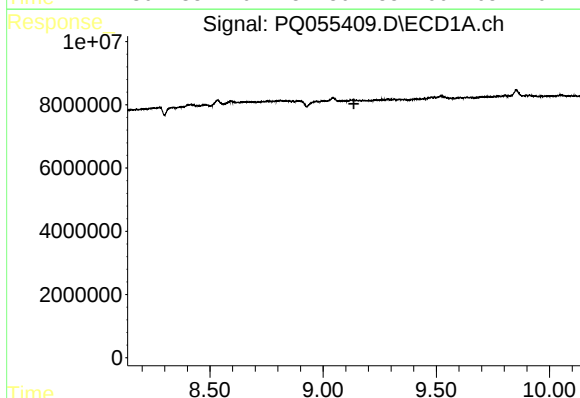
R.T.: 0.000 min
Exp R.T.: 8.891 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



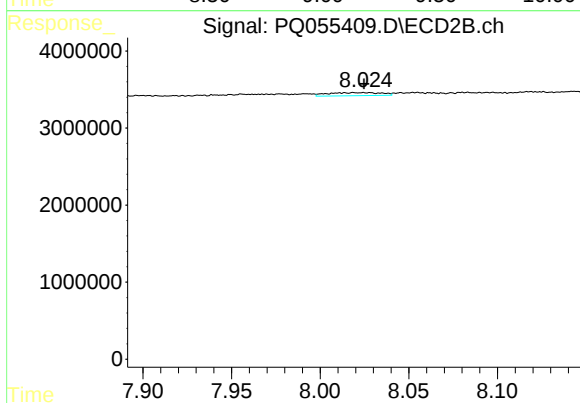
#33 AR-1260-3

R.T.: 7.520 min
Delta R.T.: -0.018 min
Response: 3771249
Conc: 6.66 ng/ml



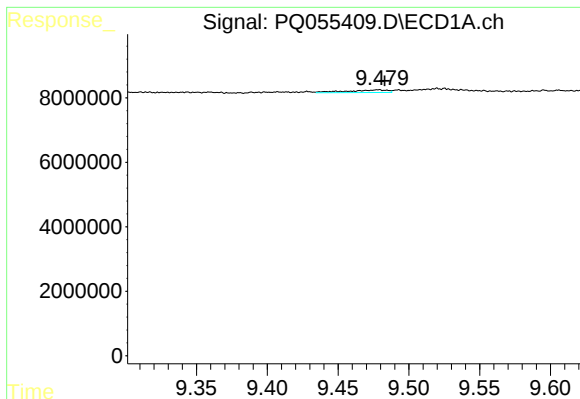
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.136 min
Response: 0
Conc: N.D.



#34 AR-1260-4

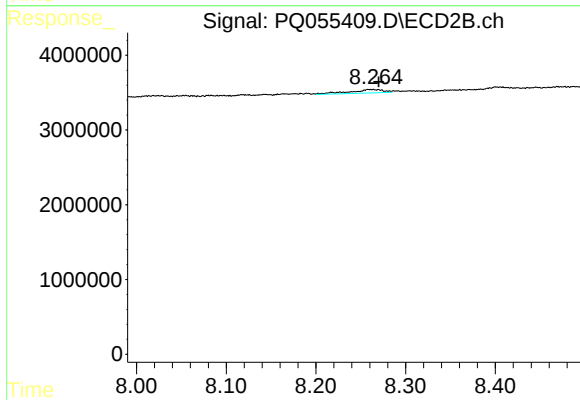
R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 850561
Conc: 2.06 ng/ml



#35 AR-1260-5

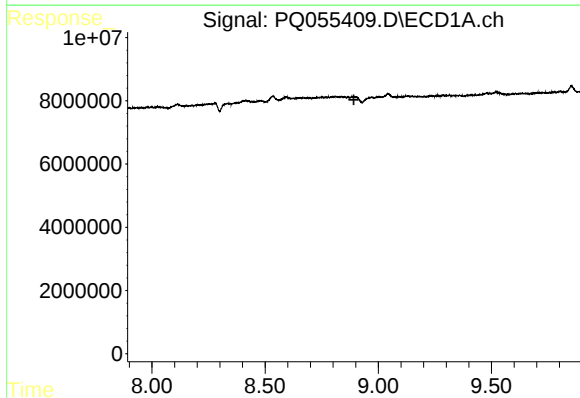
R.T.: 9.479 min
Delta R.T.: -0.004 min
Response: 1637217
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



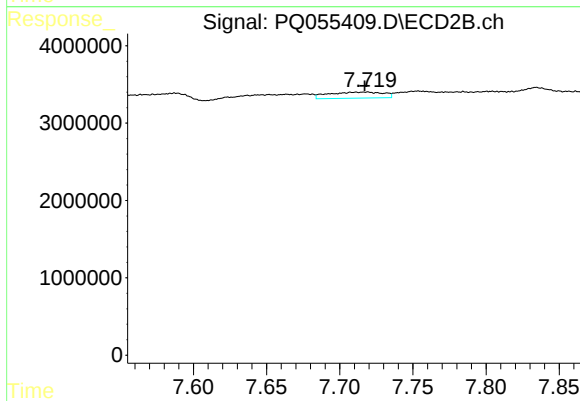
#35 AR-1260-5

R.T.: 8.262 min
Delta R.T.: -0.008 min
Response: 1215944
Conc: 1.19 ng/ml



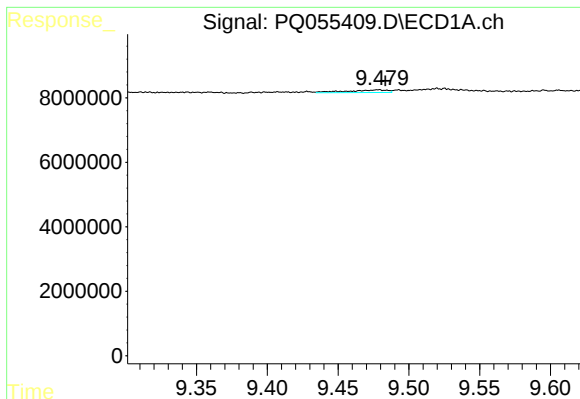
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.



#36 AR-1262-1

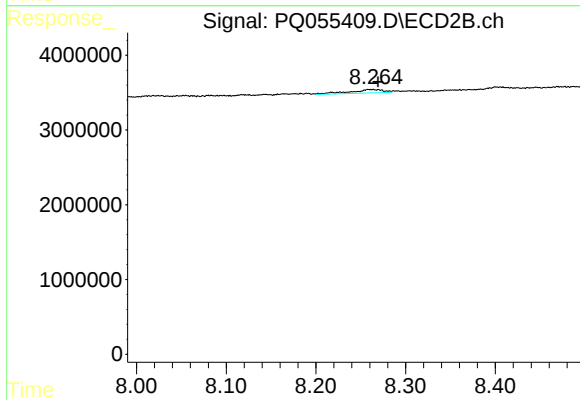
R.T.: 7.719 min
Delta R.T.: 0.002 min
Response: 2038933
Conc: 6.72 ng/ml



#37 AR-1262-2

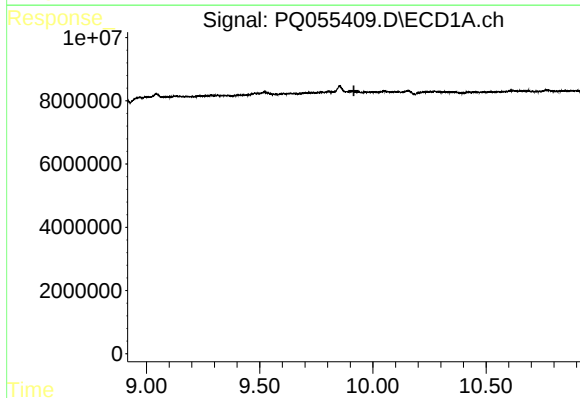
R.T.: 9.479 min
Delta R.T.: -0.005 min
Response: 1637217
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



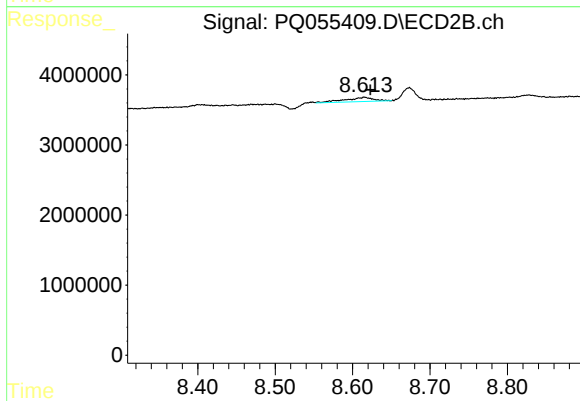
#37 AR-1262-2

R.T.: 8.262 min
Delta R.T.: -0.007 min
Response: 1215944
Conc: 1.11 ng/ml



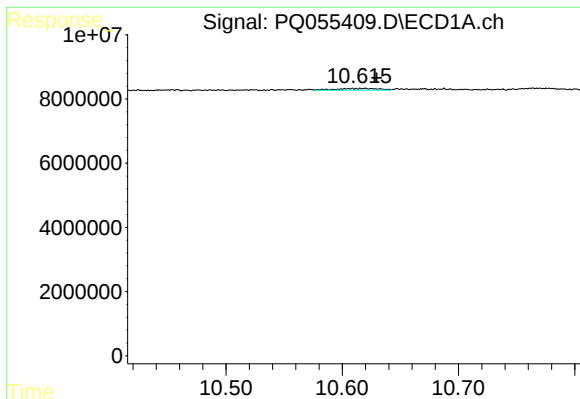
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.916 min
Response: 0
Conc: N.D.



#39 AR-1262-4

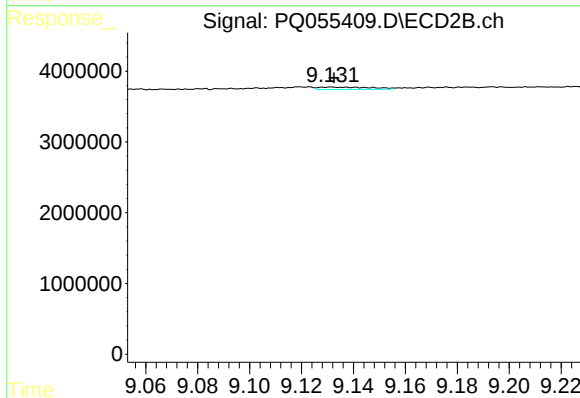
R.T.: 8.616 min
Delta R.T.: -0.008 min
Response: 1582617
Conc: 2.04 ng/ml



#40 AR-1262-5

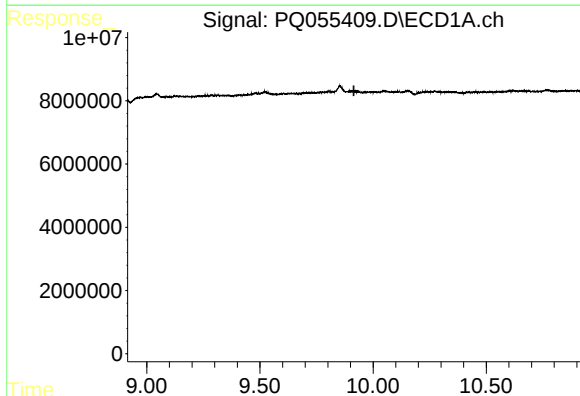
R.T.: 10.609 min
Delta R.T.: -0.021 min
Response: 1355459
Conc: 2.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



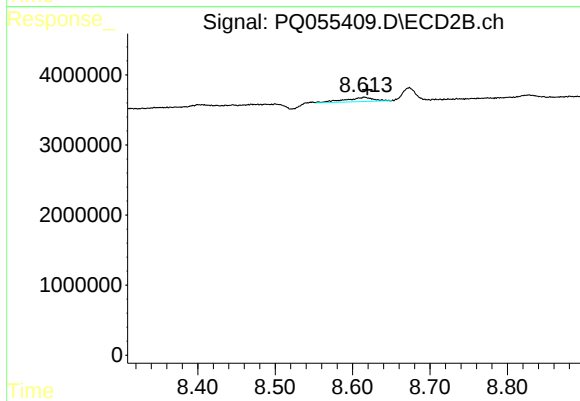
#40 AR-1262-5

R.T.: 9.131 min
Delta R.T.: -0.001 min
Response: 446640
Conc: 1.28 ng/ml



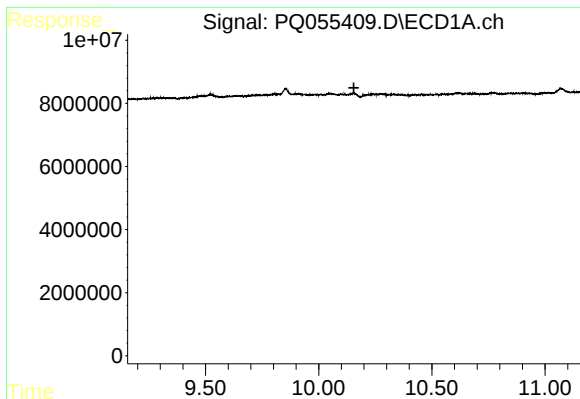
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.915 min
Response: 0
Conc: N.D.



#42 AR-1268-2

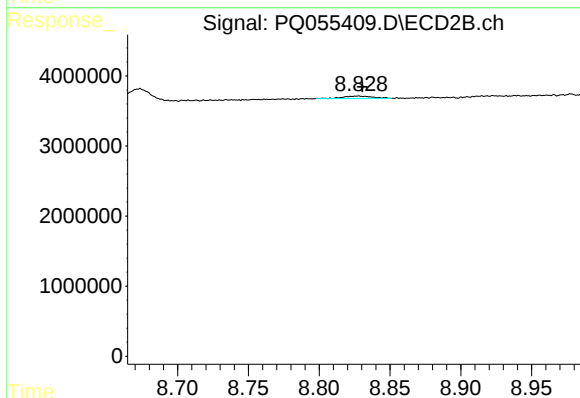
R.T.: 8.616 min
Delta R.T.: -0.004 min
Response: 1582617
Conc: 1.30 ng/ml



#43 AR-1268-3

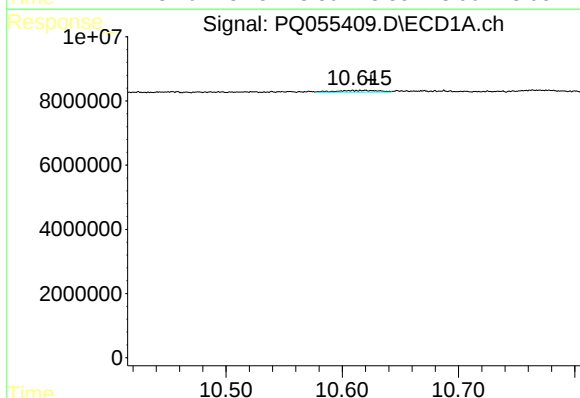
R.T.: 0.000 min
Exp R.T.: 10.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



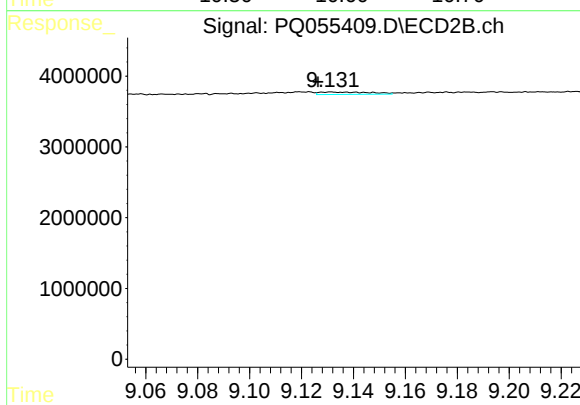
#43 AR-1268-3

R.T.: 8.828 min
Delta R.T.: -0.003 min
Response: 520845
Conc: 0.52 ng/ml



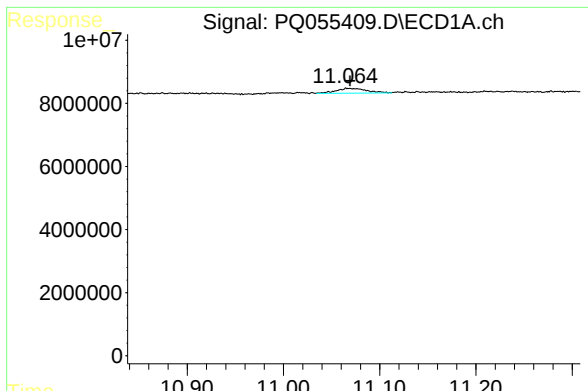
#44 AR-1268-4

R.T.: 10.609 min
Delta R.T.: -0.016 min
Response: 1355459
Conc: 1.79 ng/ml



#44 AR-1268-4

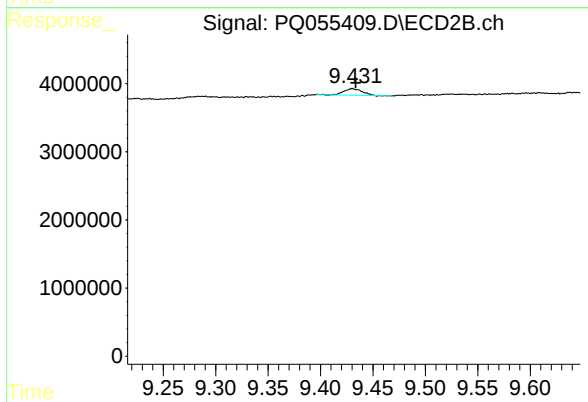
R.T.: 9.131 min
Delta R.T.: 0.005 min
Response: 446640
Conc: 1.07 ng/ml



#45 AR-1268-5

R.T.: 11.067 min
Delta R.T.: -0.002 min
Response: 3352704
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 9.430 min
Delta R.T.: -0.003 min
Response: 1210739
Conc: 0.37 ng/ml