

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 22:26
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:40:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.704	3.985	153.7E6	79931960	20.784	19.506
2)	SA Decachlor...	10.641	9.103	111.6E6	57077041	21.446	18.311
Target Compounds							
3)	L1 AR-1016-1	5.905	5.084	3336279	136104	14.580	0.975 #
4)	L1 AR-1016-2	5.905	5.084	3336279	136104	9.920	0.679 #
5)	L1 AR-1016-3	5.971	5.322	2087074	148049	10.400	1.605 #
6)	L1 AR-1016-4	6.072	5.322	2405250	148049	14.616	1.848 #
8)	L2 AR-1221-1	4.914	4.200	3878876	1723237	55.020	42.715
9)	L2 AR-1221-2	5.008	4.290	5021952	2066386	100.159	70.258 #
10)	L2 AR-1221-3	5.079	4.366	7455283	3942262	46.509	40.958
11)	L3 AR-1232-1	5.079	4.366	7455283	3942262	56.077	49.653
12)	L3 AR-1232-2	5.614	5.084	745197	136104	11.529	1.845 #
13)	L3 AR-1232-3	5.905	5.322	3336279	148049	25.967	4.351 #
14)	L3 AR-1232-4	6.072	5.322	2405250	148049	36.859	4.486 #
15)	L3 AR-1232-5	6.160	0.000	1691872	0	34.279	N.D. #
16)	L4 AR-1242-1	5.905	5.084	3336279	136104	20.790	1.393 #
17)	L4 AR-1242-2	5.905	5.084	3336279	136104	14.146	0.971 #
18)	L4 AR-1242-3	5.971	5.322	2087074	148049	14.351	2.224 #
19)	L4 AR-1242-4	6.072	5.322	2405250	148049	20.123	2.160 #
20)	L4 AR-1242-5	0.000	5.890	0	1732375	N.D.	20.018 #
21)	L5 AR-1248-1	5.905	5.084	3336279	136104	28.480	1.907 #
22)	L5 AR-1248-2	6.160	5.322	1691872	148049	10.585	1.612 #
23)	L5 AR-1248-3	0.000	5.322	0	148049	N.D.	1.572 #
25)	L5 AR-1248-5	0.000	5.980	0	1567006	N.D.	14.465 #
26)	L6 AR-1254-1	0.000	5.890	0	1732375	N.D.	9.387 #
27)	L6 AR-1254-2	0.000	6.069	0	2860250	N.D.	18.287 #
28)	L6 AR-1254-3	7.345	6.449	366610	432128	1.225	1.665 #
29)	L6 AR-1254-4	7.670	0.000	1230444	0	6.180	N.D. #
30)	L6 AR-1254-5	8.031	7.131	2312570	717141	8.755	3.399 #
31)	L7 AR-1260-1	7.504	0.000	261397	0	1.029	N.D. #
32)	L7 AR-1260-2	7.822	0.000	272031	0	0.917	N.D. #
33)	L7 AR-1260-3	8.115	0.000	323024	0	1.411	N.D. #
34)	L7 AR-1260-4	8.353	0.000	472249	0	1.781	N.D. #
35)	L7 AR-1260-5	8.700	0.000	284310	0	0.560	N.D. #
36)	L8 AR-1262-1	8.169	7.131	588582	717141	4.643	2.999 #
37)	L8 AR-1262-2	8.700	0.000	284310	0	0.552	N.D. #
38)	L8 AR-1262-3	8.958	0.000	679283	0	1.938	N.D. #
39)	L8 AR-1262-4	9.154	0.000	2794590	0	9.674	N.D. #
40)	L8 AR-1262-5	0.000	8.542	0	7603	N.D.	0.057 #
41)	L9 AR-1268-1	8.958	0.000	679283	0	1.079	N.D. #
42)	L9 AR-1268-2	9.154	0.000	2794590	0	4.555	N.D. #
43)	L9 AR-1268-3	9.369	8.197	2947003	452693	5.842	1.270 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 22:26
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 34 Sample Multiplier: 1

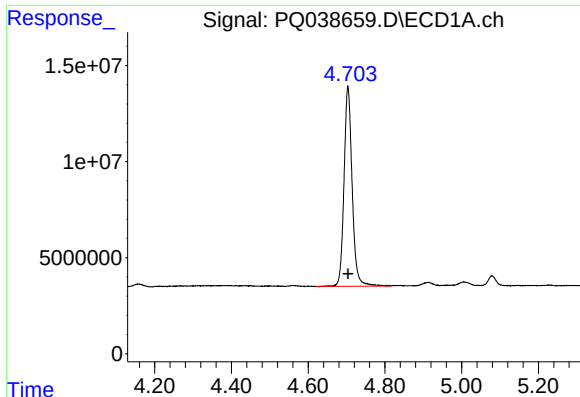
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:40:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 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
44) L9	AR-1268-4	0.000	8.542	0	7603	N.D.	0.051 #
45) L9	AR-1268-5	10.275	8.823	756688	635603	0.440	0.550

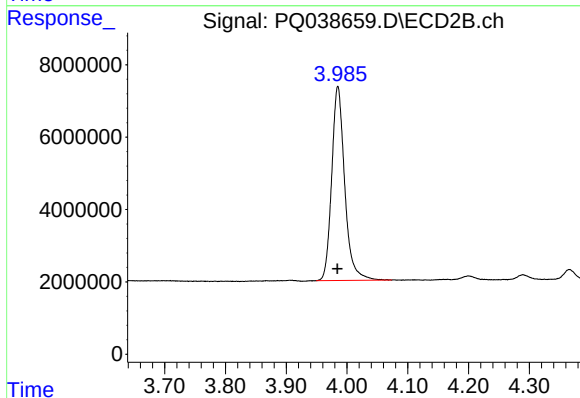
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

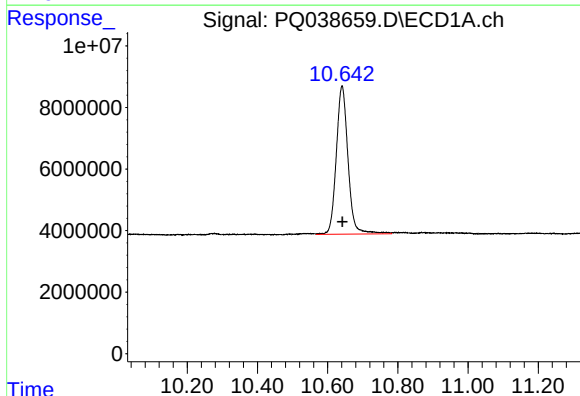
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 153737345
Conc: 20.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



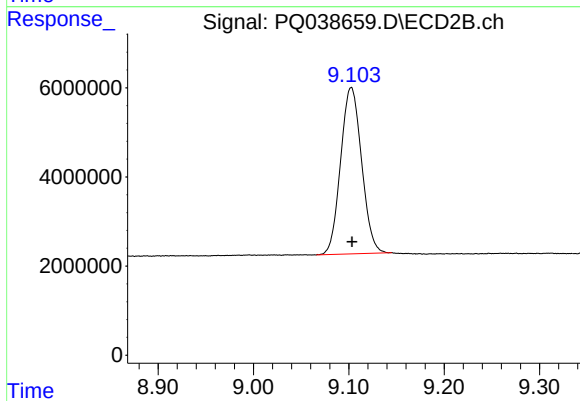
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 79931960
Conc: 19.51 ng/ml



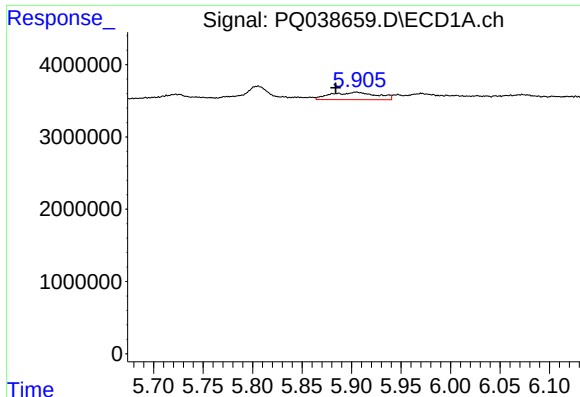
#2 Decachlorobiphenyl

R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 111644289
Conc: 21.45 ng/ml



#2 Decachlorobiphenyl

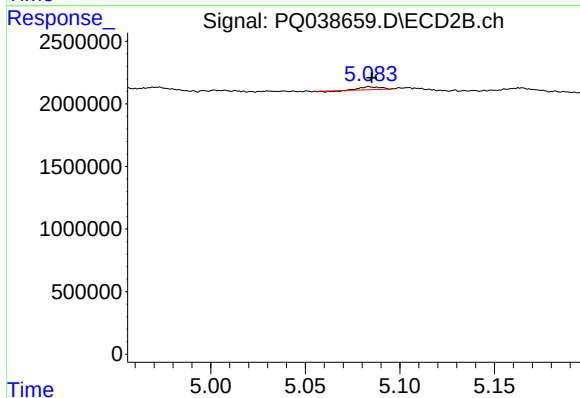
R.T.: 9.103 min
Delta R.T.: 0.000 min
Response: 57077041
Conc: 18.31 ng/ml



#3 AR-1016-1

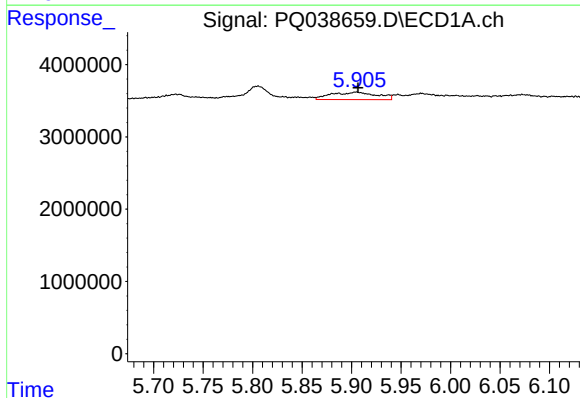
R.T.: 5.905 min
Delta R.T.: 0.021 min
Response: 3336279
Conc: 14.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



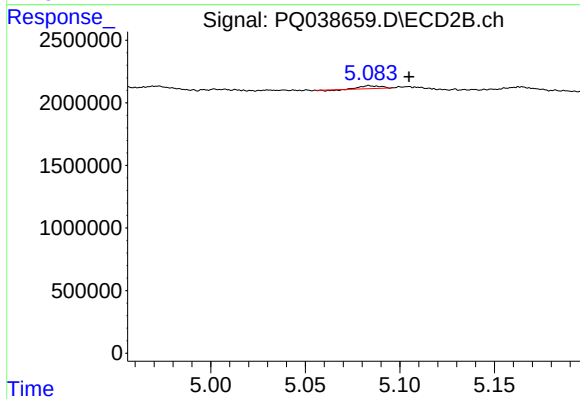
#3 AR-1016-1

R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 136104
Conc: 0.97 ng/ml



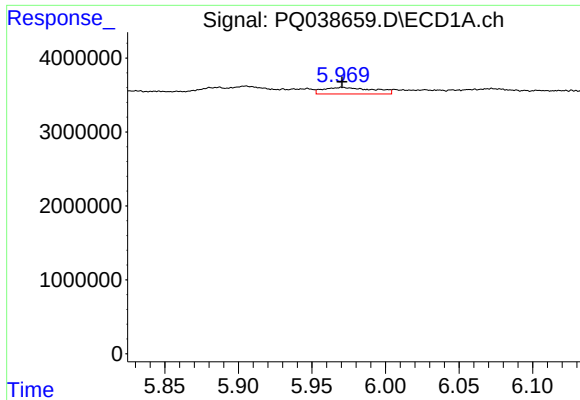
#4 AR-1016-2

R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 3336279
Conc: 9.92 ng/ml



#4 AR-1016-2

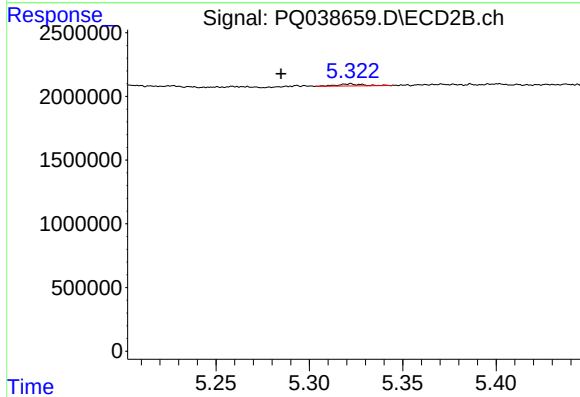
R.T.: 5.084 min
Delta R.T.: -0.021 min
Response: 136104
Conc: 0.68 ng/ml



#5 AR-1016-3

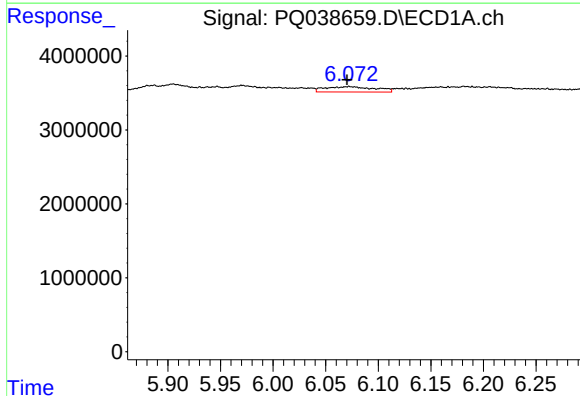
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 2087074
Conc: 10.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



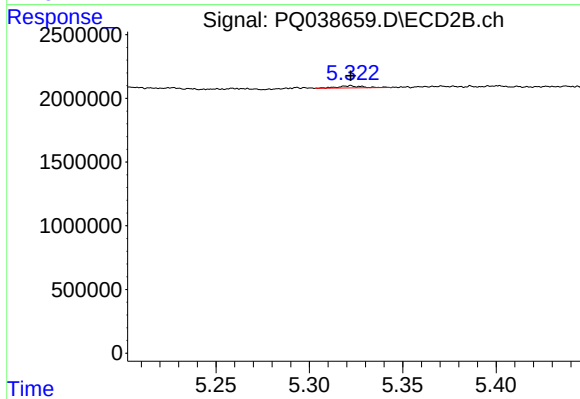
#5 AR-1016-3

R.T.: 5.322 min
Delta R.T.: 0.037 min
Response: 148049
Conc: 1.60 ng/ml



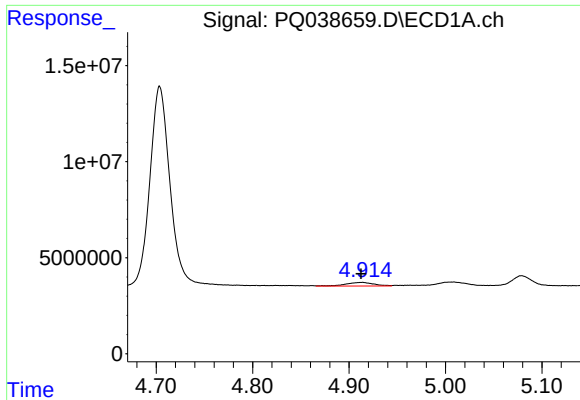
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 2405250
Conc: 14.62 ng/ml



#6 AR-1016-4

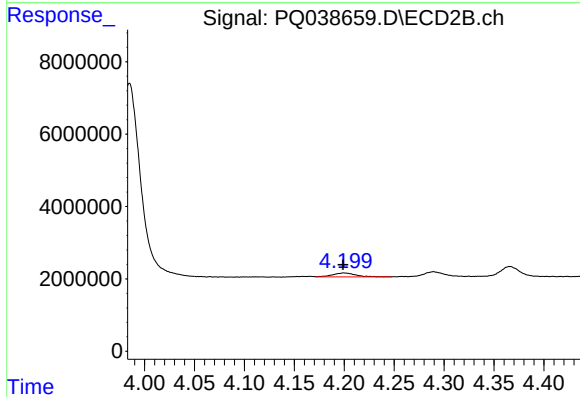
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 148049
Conc: 1.85 ng/ml



#8 AR-1221-1

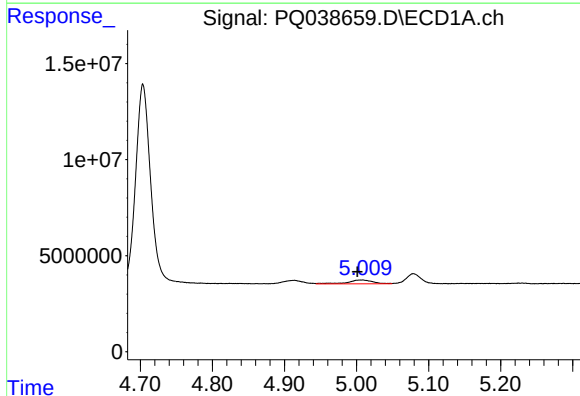
R.T.: 4.914 min
Delta R.T.: 0.001 min
Response: 3878876
Conc: 55.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



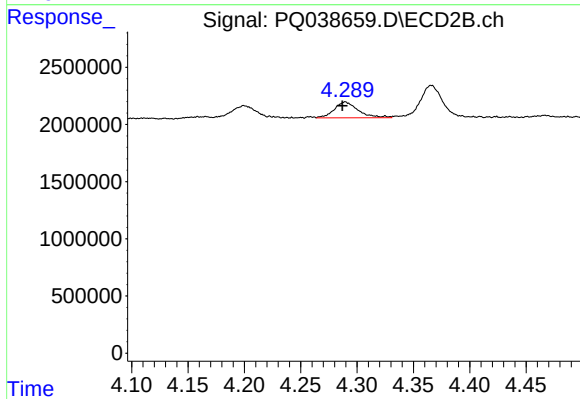
#8 AR-1221-1

R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 1723237
Conc: 42.72 ng/ml



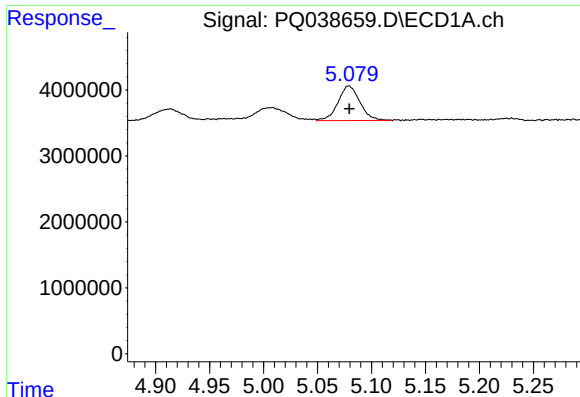
#9 AR-1221-2

R.T.: 5.008 min
Delta R.T.: 0.007 min
Response: 5021952
Conc: 100.16 ng/ml



#9 AR-1221-2

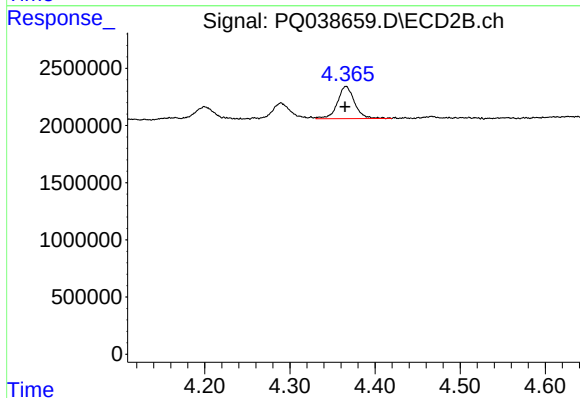
R.T.: 4.290 min
Delta R.T.: 0.002 min
Response: 2066386
Conc: 70.26 ng/ml



#10 AR-1221-3

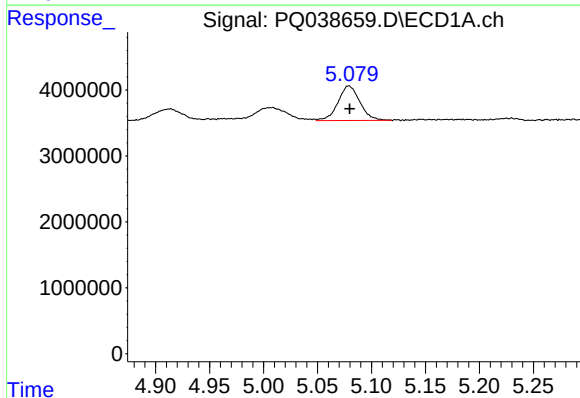
R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 7455283
Conc: 46.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



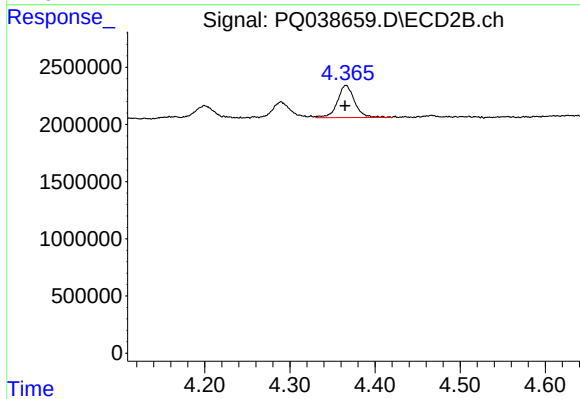
#10 AR-1221-3

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 3942262
Conc: 40.96 ng/ml



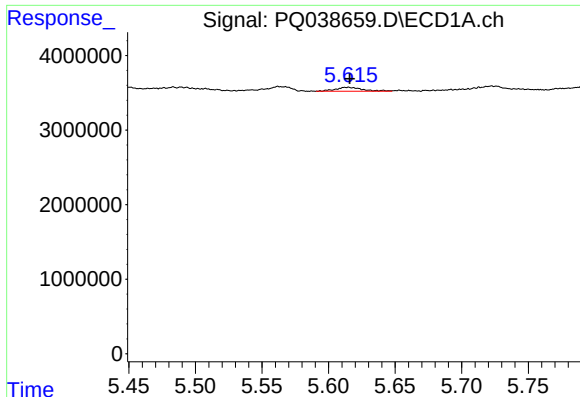
#11 AR-1232-1

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 7455283
Conc: 56.08 ng/ml



#11 AR-1232-1

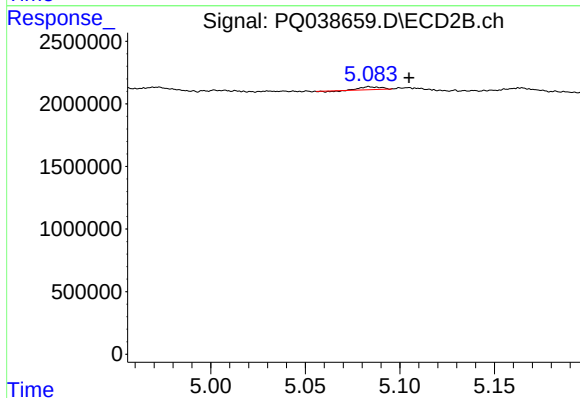
R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 3942262
Conc: 49.65 ng/ml



#12 AR-1232-2

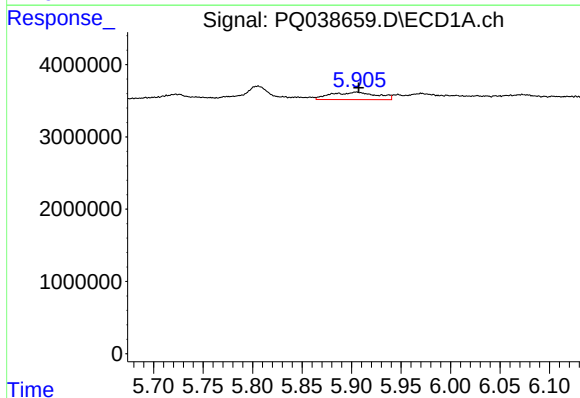
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 745197
Conc: 11.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



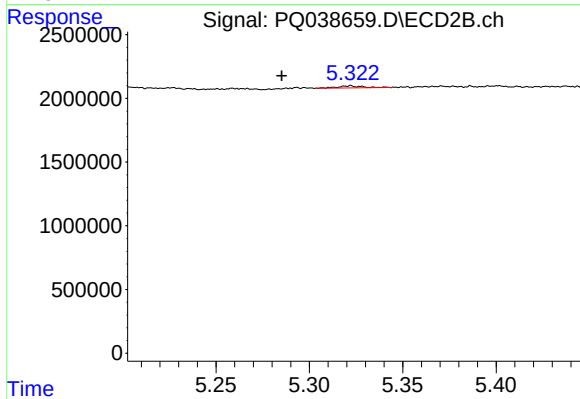
#12 AR-1232-2

R.T.: 5.084 min
Delta R.T.: -0.021 min
Response: 136104
Conc: 1.84 ng/ml



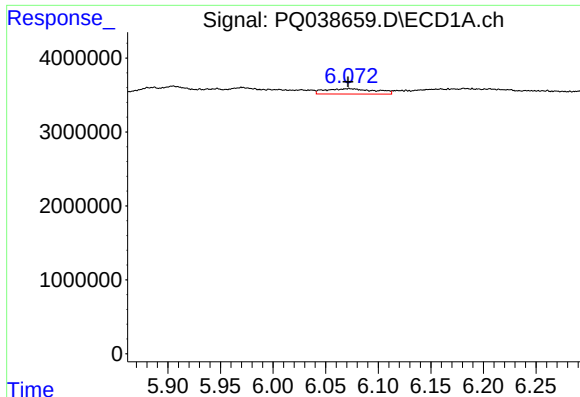
#13 AR-1232-3

R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 3336279
Conc: 25.97 ng/ml



#13 AR-1232-3

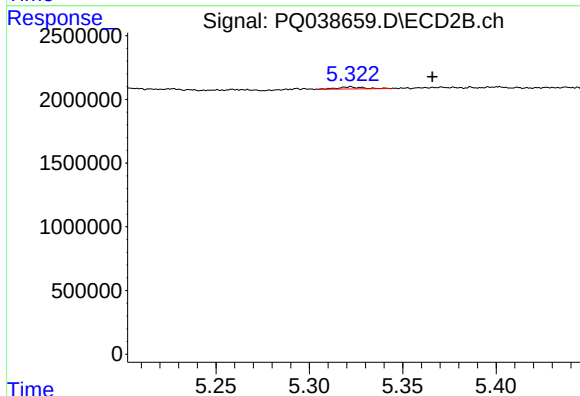
R.T.: 5.322 min
Delta R.T.: 0.037 min
Response: 148049
Conc: 4.35 ng/ml



#14 AR-1232-4

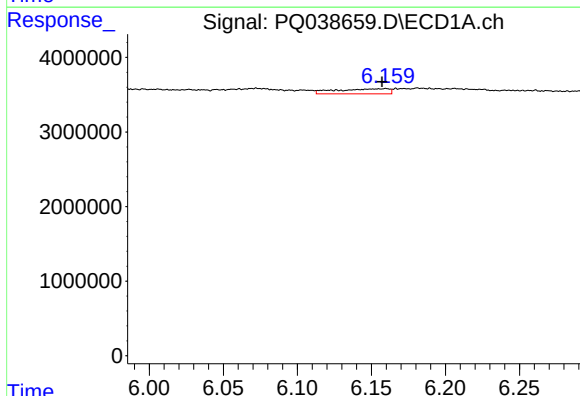
R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 2405250
Conc: 36.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



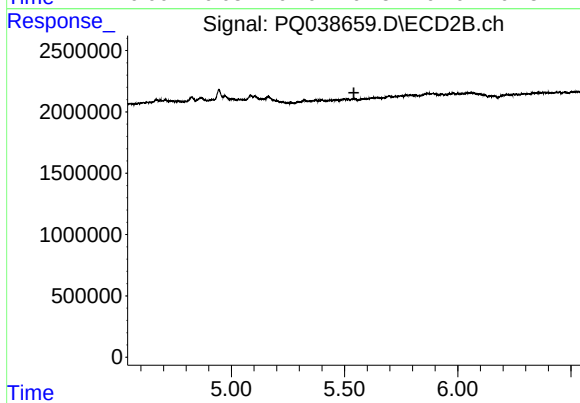
#14 AR-1232-4

R.T.: 5.322 min
Delta R.T.: -0.044 min
Response: 148049
Conc: 4.49 ng/ml



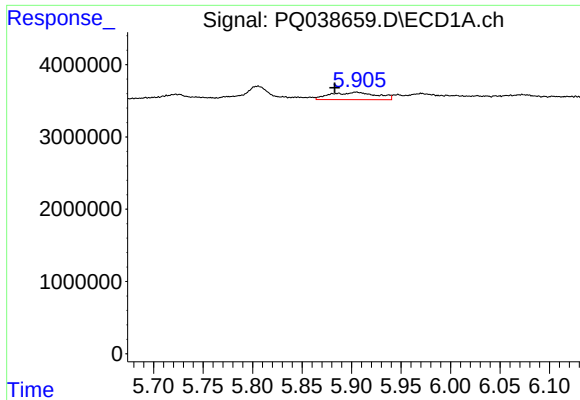
#15 AR-1232-5

R.T.: 6.160 min
Delta R.T.: 0.002 min
Response: 1691872
Conc: 34.28 ng/ml



#15 AR-1232-5

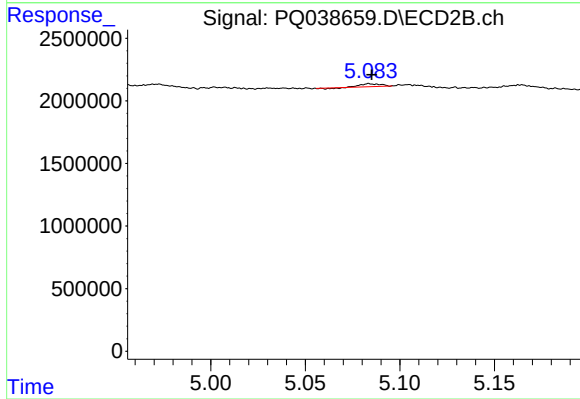
R.T.: 0.000 min
Exp R.T.: 5.541 min
Response: 0
Conc: N.D.



#16 AR-1242-1

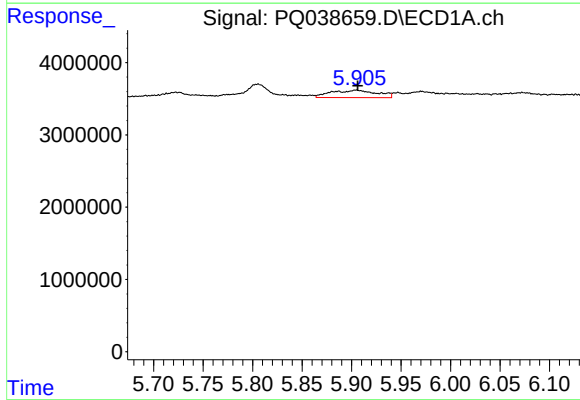
R.T.: 5.905 min
Delta R.T.: 0.022 min
Response: 3336279
Conc: 20.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



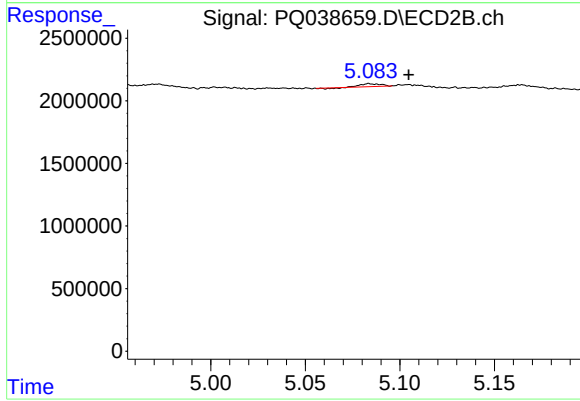
#16 AR-1242-1

R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 136104
Conc: 1.39 ng/ml



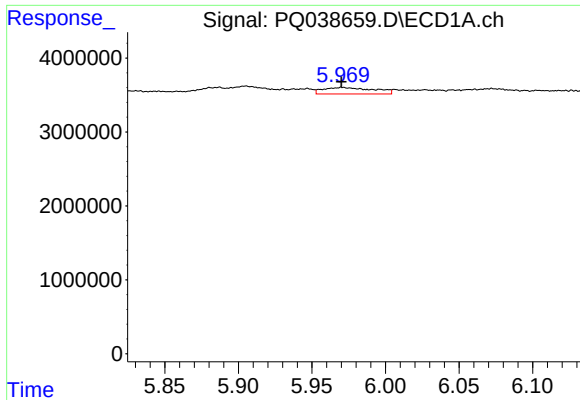
#17 AR-1242-2

R.T.: 5.905 min
Delta R.T.: -0.001 min
Response: 3336279
Conc: 14.15 ng/ml



#17 AR-1242-2

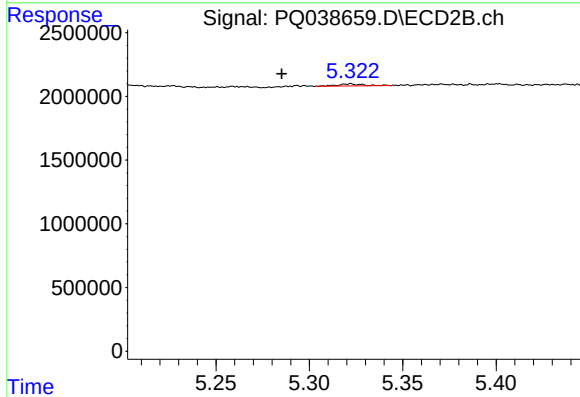
R.T.: 5.084 min
Delta R.T.: -0.021 min
Response: 136104
Conc: 0.97 ng/ml



#18 AR-1242-3

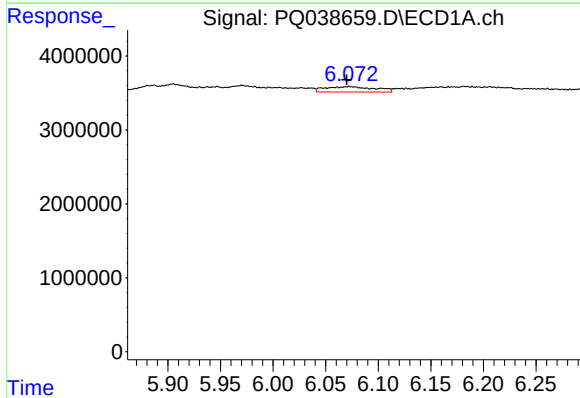
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 2087074
Conc: 14.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



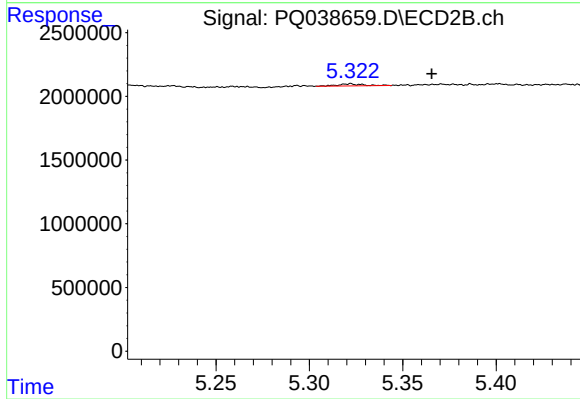
#18 AR-1242-3

R.T.: 5.322 min
Delta R.T.: 0.037 min
Response: 148049
Conc: 2.22 ng/ml



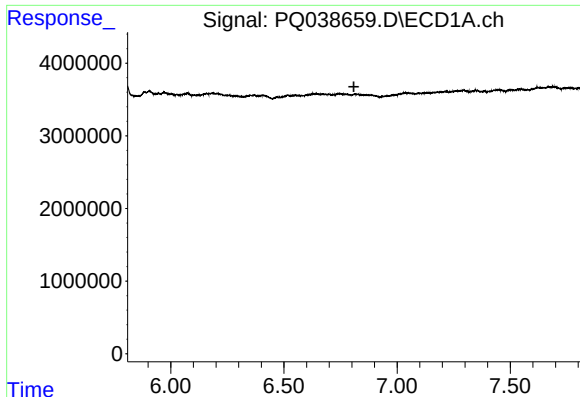
#19 AR-1242-4

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 2405250
Conc: 20.12 ng/ml



#19 AR-1242-4

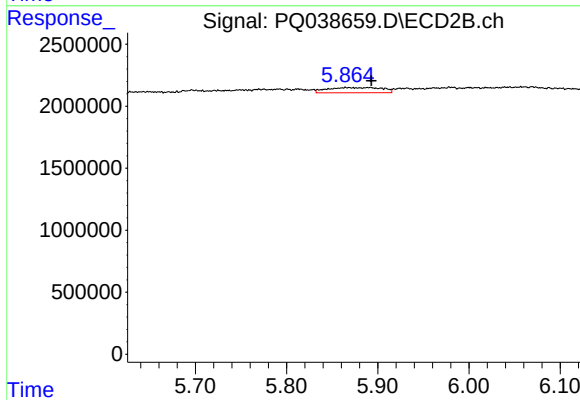
R.T.: 5.322 min
Delta R.T.: -0.044 min
Response: 148049
Conc: 2.16 ng/ml



#20 AR-1242-5

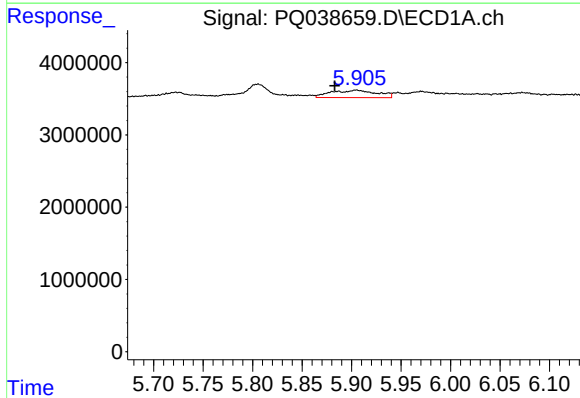
R.T.: 0.000 min
Exp R.T.: 6.809 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



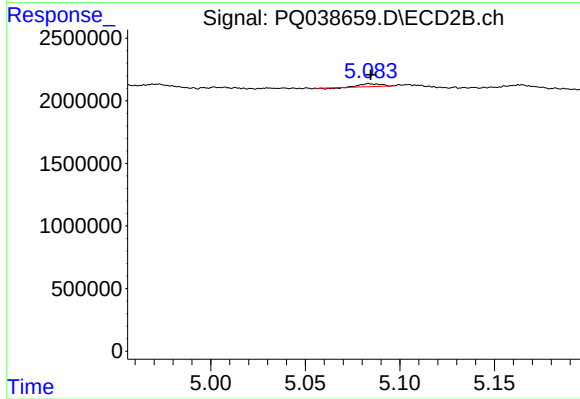
#20 AR-1242-5

R.T.: 5.890 min
Delta R.T.: -0.003 min
Response: 1732375
Conc: 20.02 ng/ml



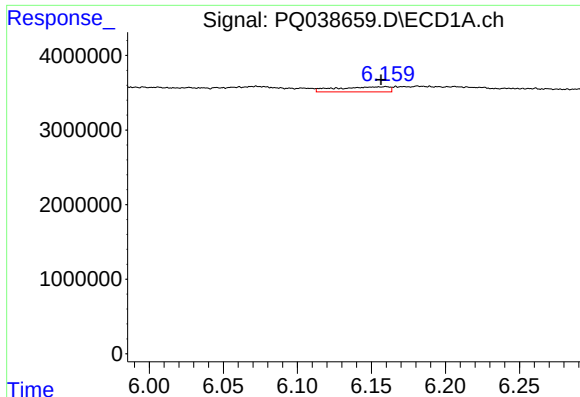
#21 AR-1248-1

R.T.: 5.905 min
Delta R.T.: 0.022 min
Response: 3336279
Conc: 28.48 ng/ml



#21 AR-1248-1

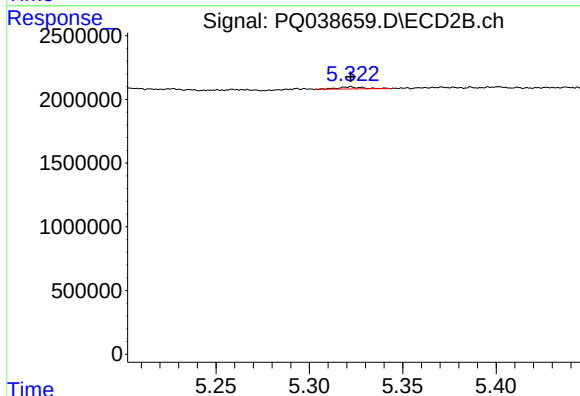
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 136104
Conc: 1.91 ng/ml



#22 AR-1248-2

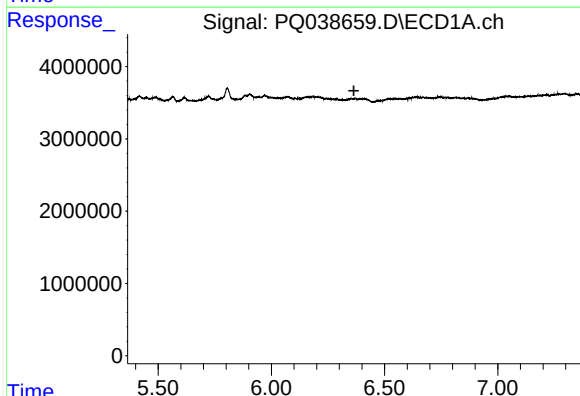
R.T.: 6.160 min
Delta R.T.: 0.003 min
Response: 1691872
Conc: 10.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



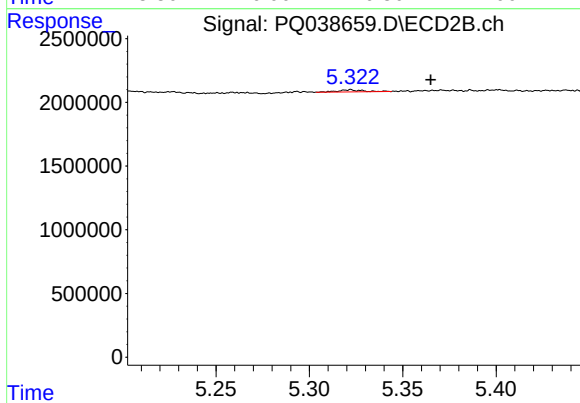
#22 AR-1248-2

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 148049
Conc: 1.61 ng/ml



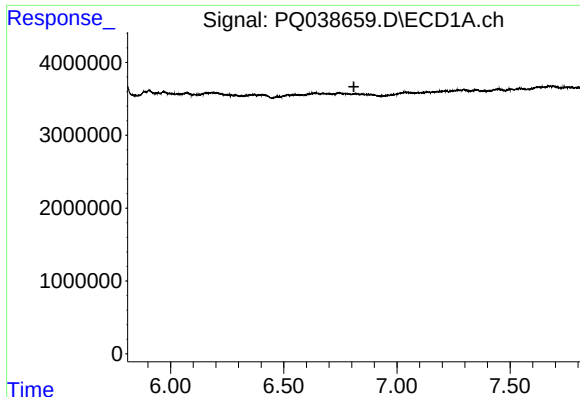
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.365 min
Response: 0
Conc: N.D.



#23 AR-1248-3

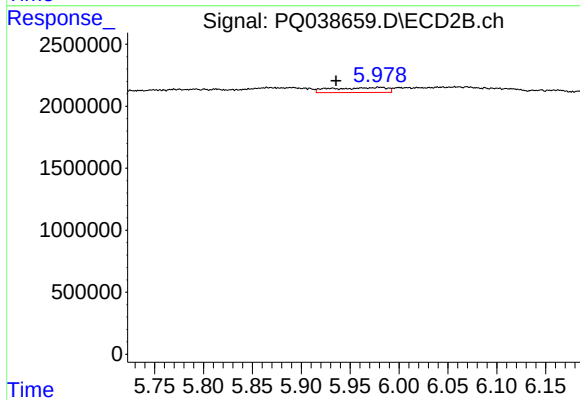
R.T.: 5.322 min
Delta R.T.: -0.043 min
Response: 148049
Conc: 1.57 ng/ml



#25 AR-1248-5

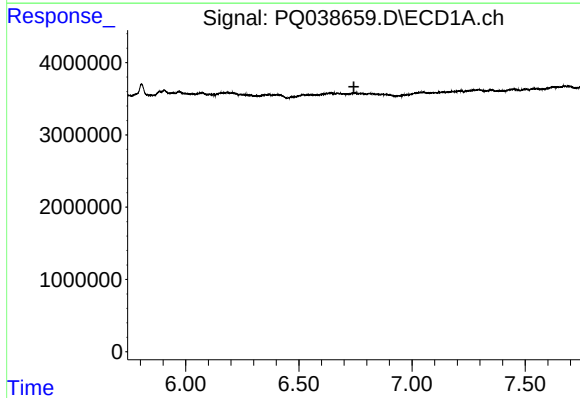
R.T.: 0.000 min
Exp R.T. : 6.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



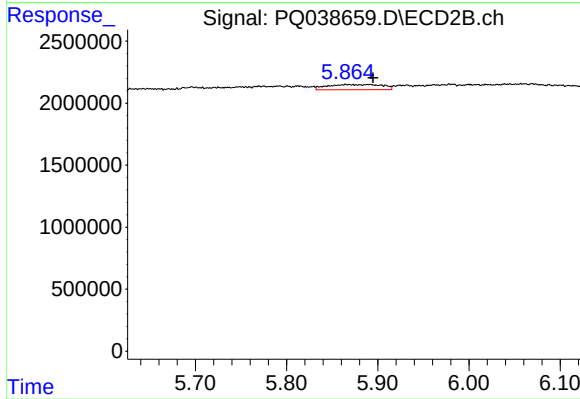
#25 AR-1248-5

R.T.: 5.980 min
Delta R.T.: 0.045 min
Response: 1567006
Conc: 14.46 ng/ml



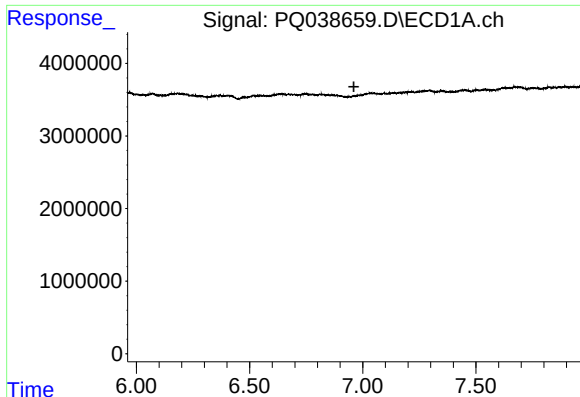
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



#26 AR-1254-1

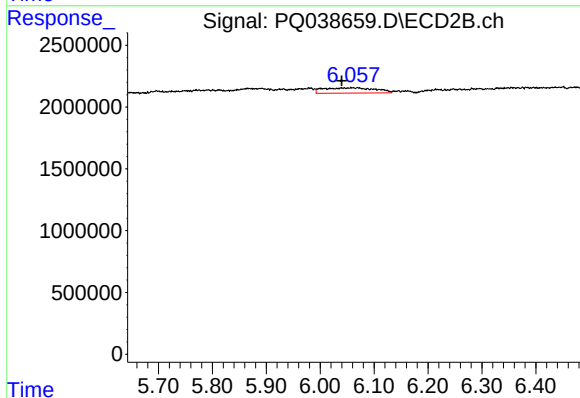
R.T.: 5.890 min
Delta R.T.: -0.004 min
Response: 1732375
Conc: 9.39 ng/ml



#27 AR-1254-2

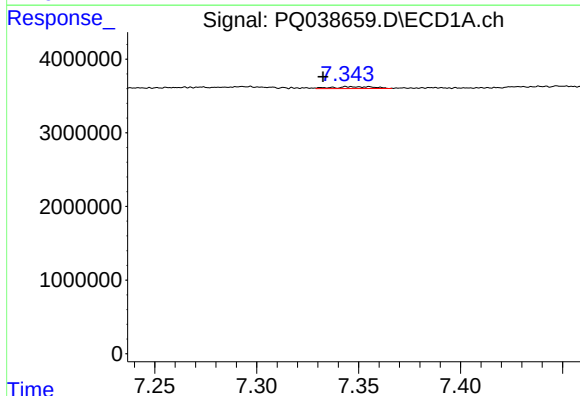
R.T.: 0.000 min
Exp R.T.: 6.961 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



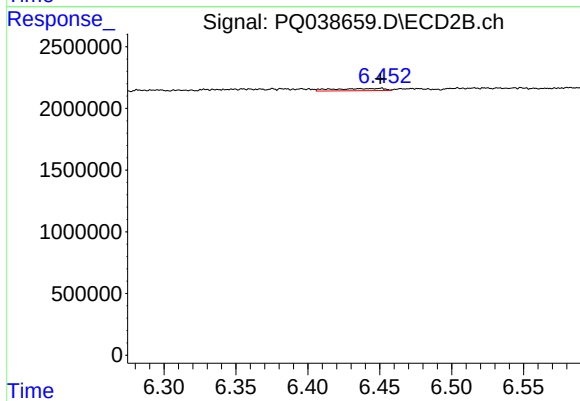
#27 AR-1254-2

R.T.: 6.069 min
Delta R.T.: 0.029 min
Response: 2860250
Conc: 18.29 ng/ml



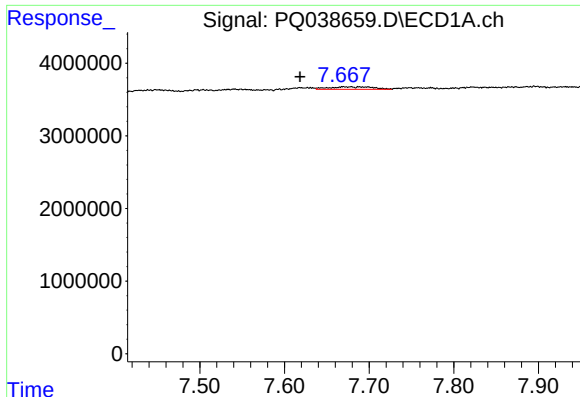
#28 AR-1254-3

R.T.: 7.345 min
Delta R.T.: 0.012 min
Response: 366610
Conc: 1.23 ng/ml



#28 AR-1254-3

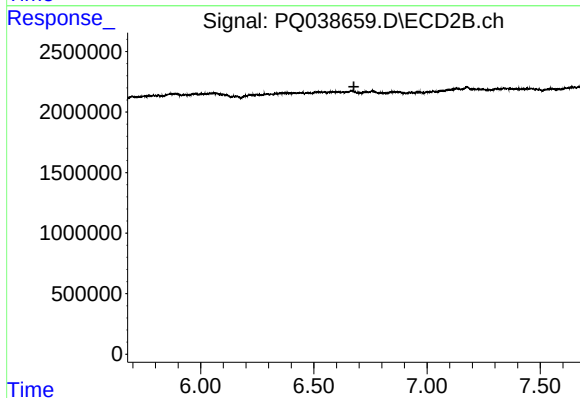
R.T.: 6.449 min
Delta R.T.: -0.001 min
Response: 432128
Conc: 1.66 ng/ml



#29 AR-1254-4

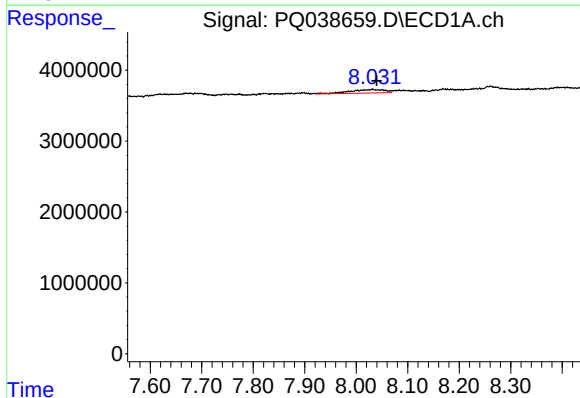
R.T.: 7.670 min
Delta R.T.: 0.051 min
Response: 1230444
Conc: 6.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



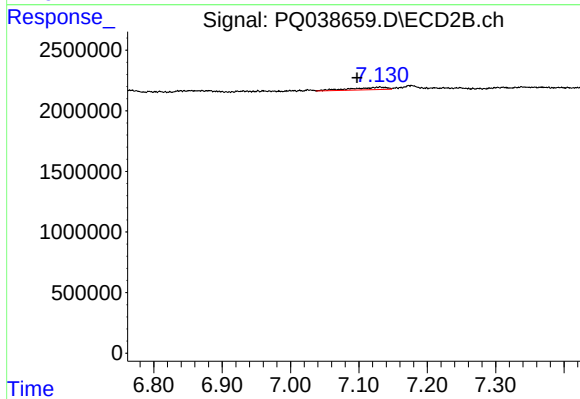
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.677 min
Response: 0
Conc: N.D.



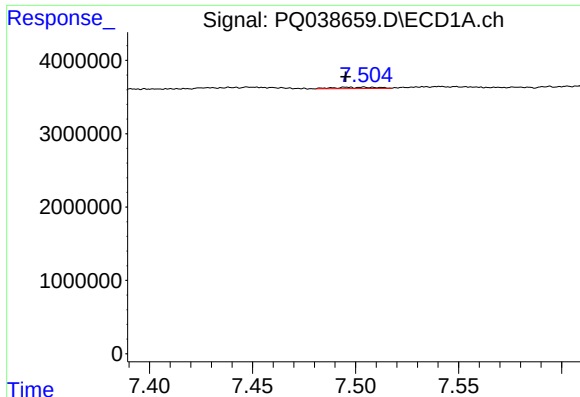
#30 AR-1254-5

R.T.: 8.031 min
Delta R.T.: -0.008 min
Response: 2312570
Conc: 8.76 ng/ml



#30 AR-1254-5

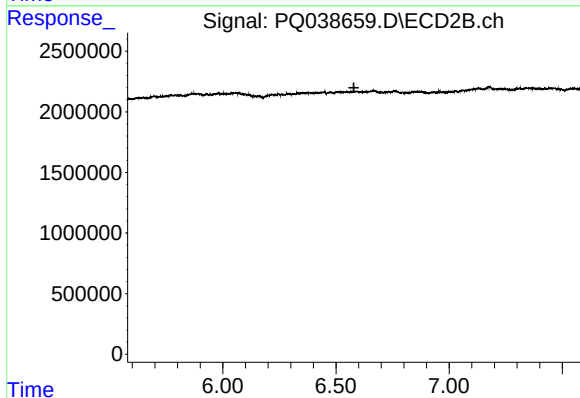
R.T.: 7.131 min
Delta R.T.: 0.034 min
Response: 717141
Conc: 3.40 ng/ml



#31 AR-1260-1

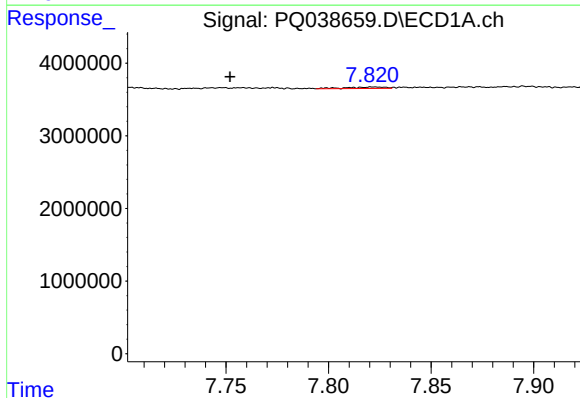
R.T.: 7.504 min
Delta R.T.: 0.009 min
Response: 261397
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



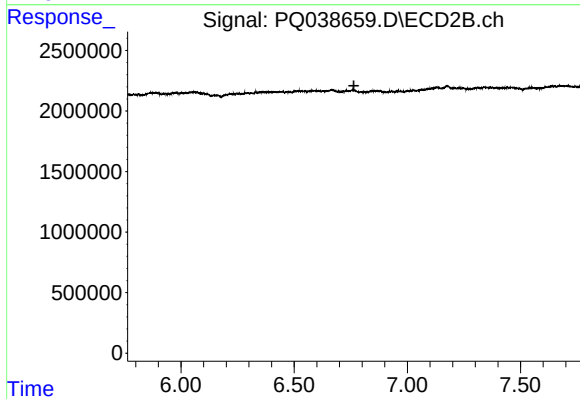
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



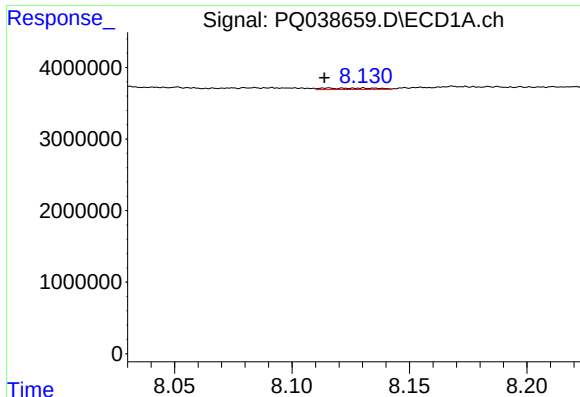
#32 AR-1260-2

R.T.: 7.822 min
Delta R.T.: 0.070 min
Response: 272031
Conc: 0.92 ng/ml



#32 AR-1260-2

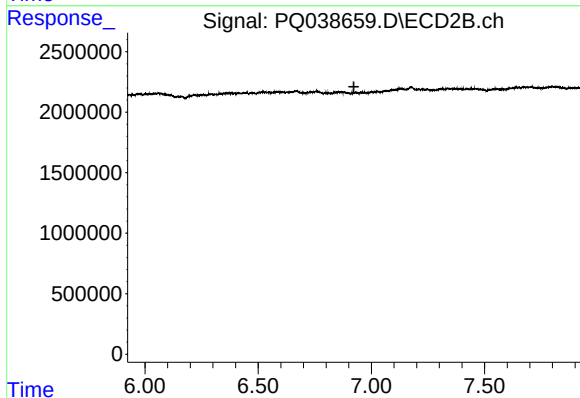
R.T.: 0.000 min
Exp R.T. : 6.764 min
Response: 0
Conc: N.D.



#33 AR-1260-3

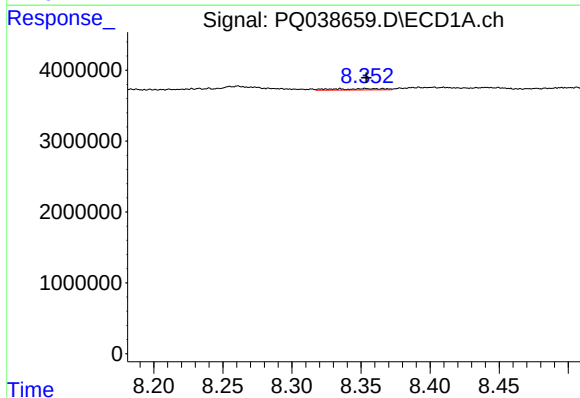
R.T.: 8.115 min
Delta R.T.: 0.002 min
Response: 323024
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



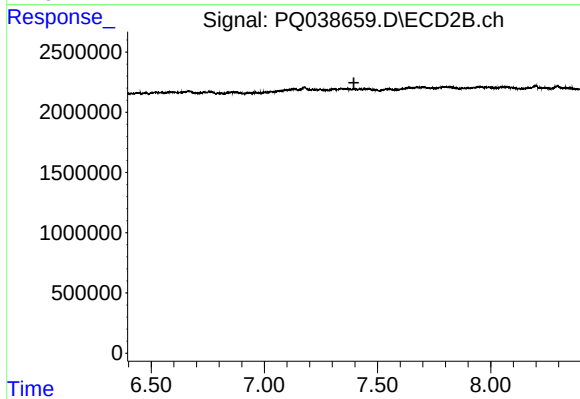
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



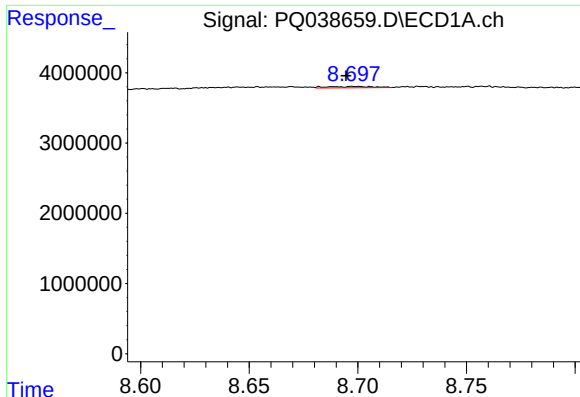
#34 AR-1260-4

R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 472249
Conc: 1.78 ng/ml



#34 AR-1260-4

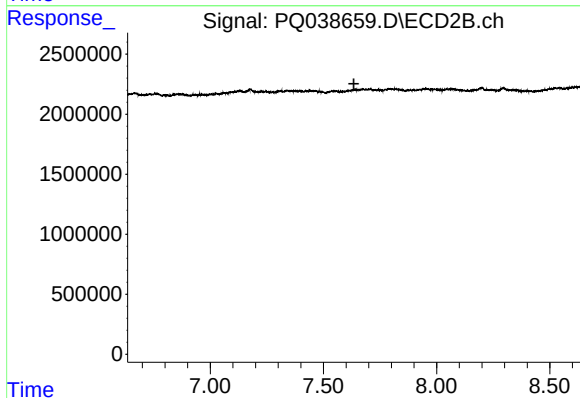
R.T.: 0.000 min
Exp R.T. : 7.396 min
Response: 0
Conc: N.D.



#35 AR-1260-5

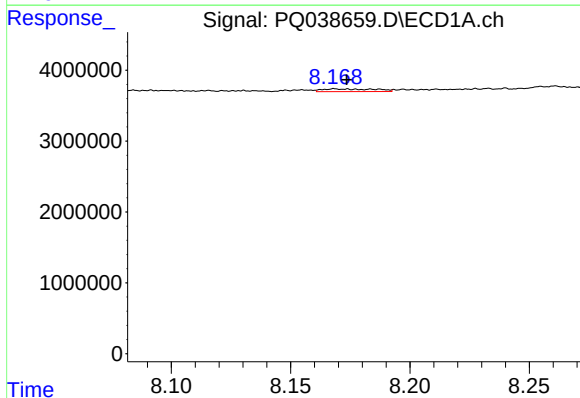
R.T.: 8.700 min
Delta R.T.: 0.005 min
Response: 284310
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



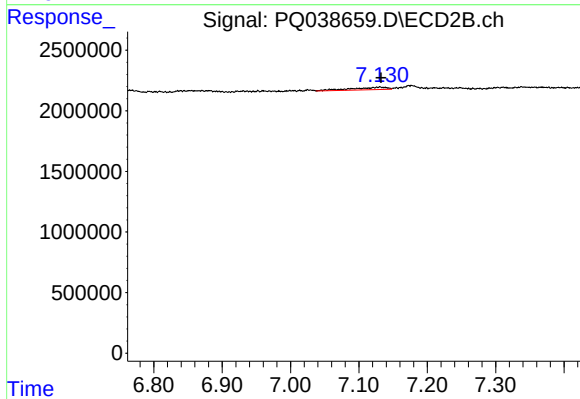
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



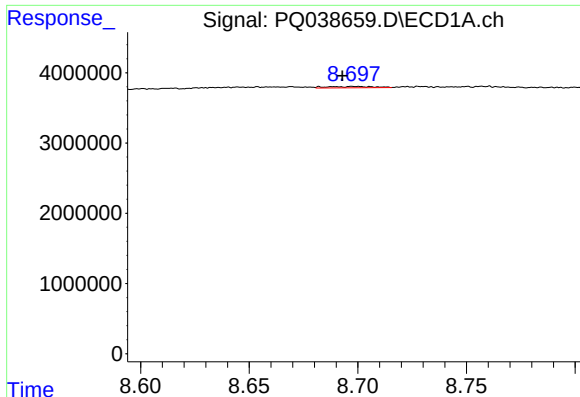
#36 AR-1262-1

R.T.: 8.169 min
Delta R.T.: -0.005 min
Response: 588582
Conc: 4.64 ng/ml



#36 AR-1262-1

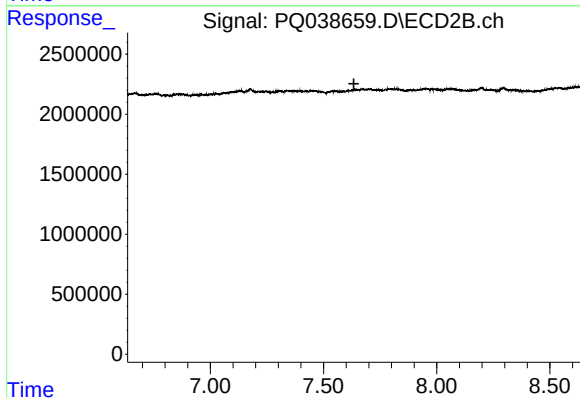
R.T.: 7.131 min
Delta R.T.: -0.002 min
Response: 717141
Conc: 3.00 ng/ml



#37 AR-1262-2

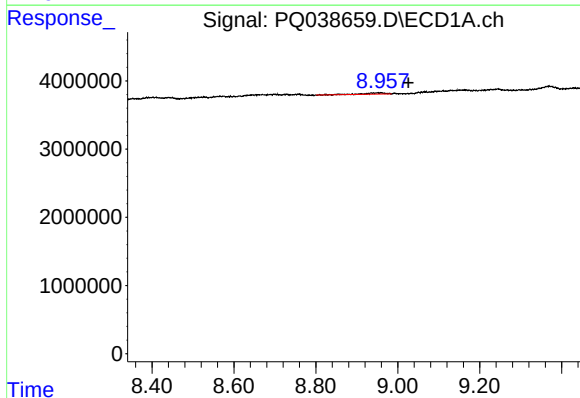
R.T.: 8.700 min
Delta R.T.: 0.007 min
Response: 284310
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



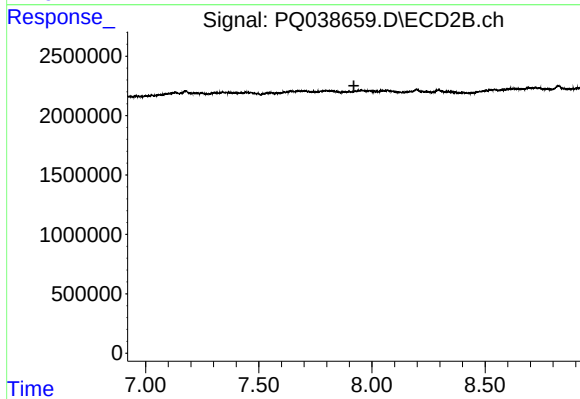
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



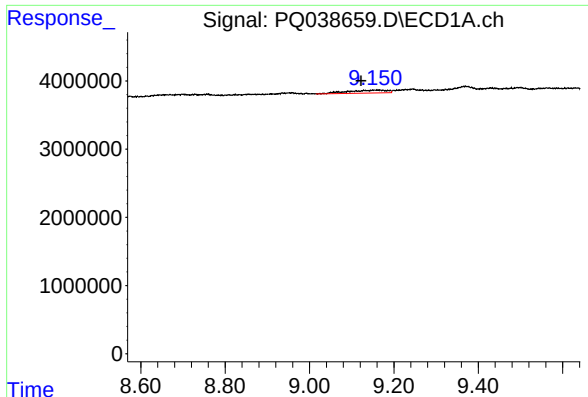
#38 AR-1262-3

R.T.: 8.958 min
Delta R.T.: -0.068 min
Response: 679283
Conc: 1.94 ng/ml



#38 AR-1262-3

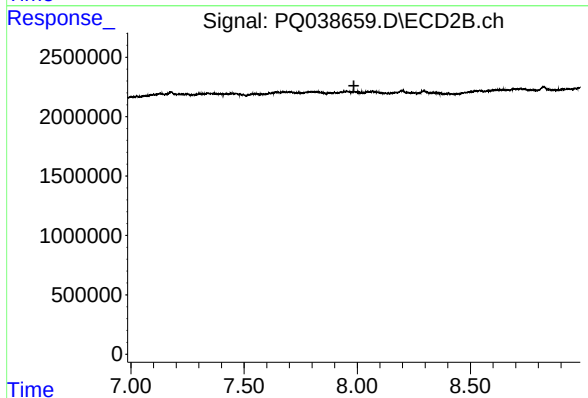
R.T.: 0.000 min
Exp R.T. : 7.920 min
Response: 0
Conc: N.D.



#39 AR-1262-4

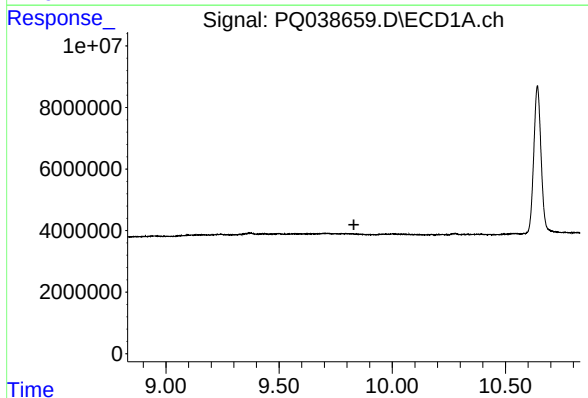
R.T.: 9.154 min
Delta R.T.: 0.032 min
Response: 2794590
Conc: 9.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



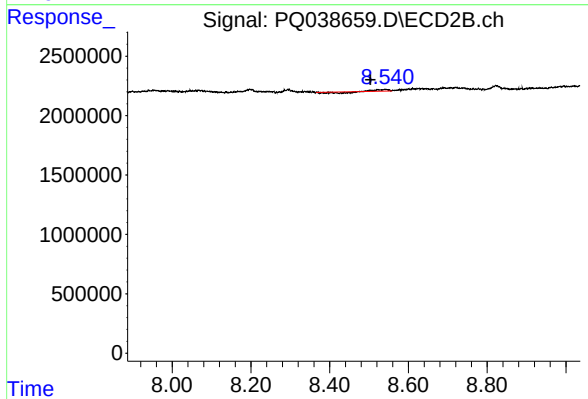
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.985 min
Response: 0
Conc: N.D.



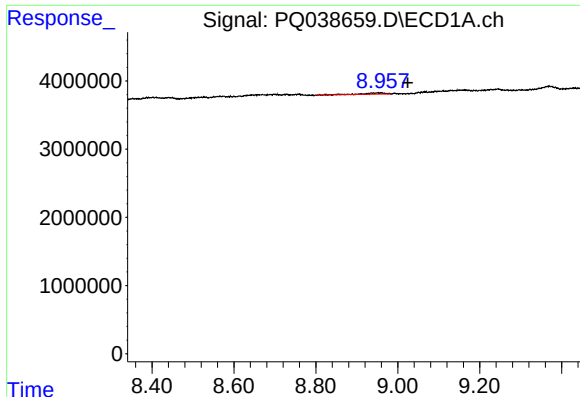
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.830 min
Response: 0
Conc: N.D.



#40 AR-1262-5

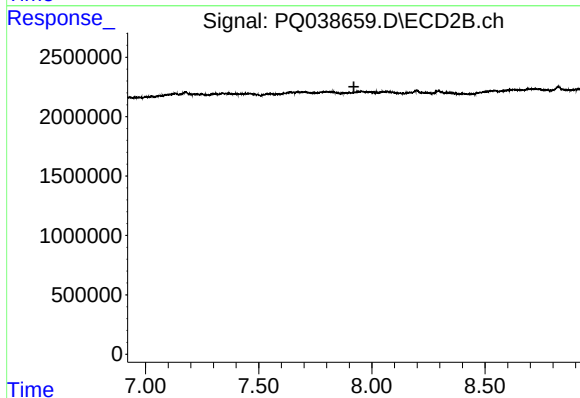
R.T.: 8.542 min
Delta R.T.: 0.038 min
Response: 7603
Conc: 0.06 ng/ml



#41 AR-1268-1

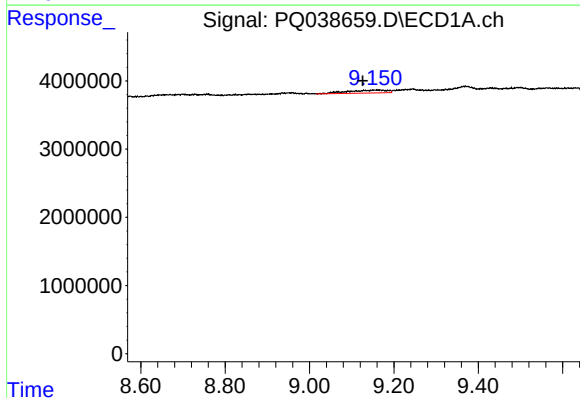
R.T.: 8.958 min
Delta R.T.: -0.066 min
Response: 679283
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



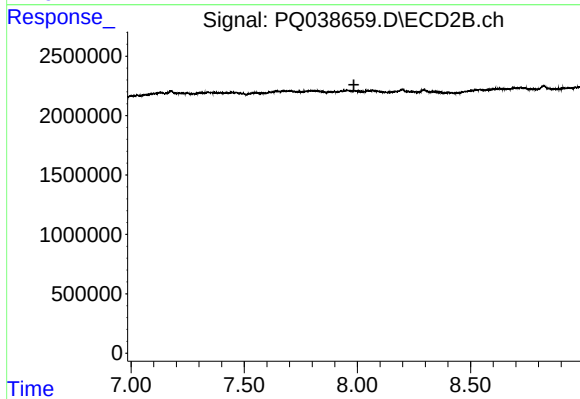
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.920 min
Response: 0
Conc: N.D.



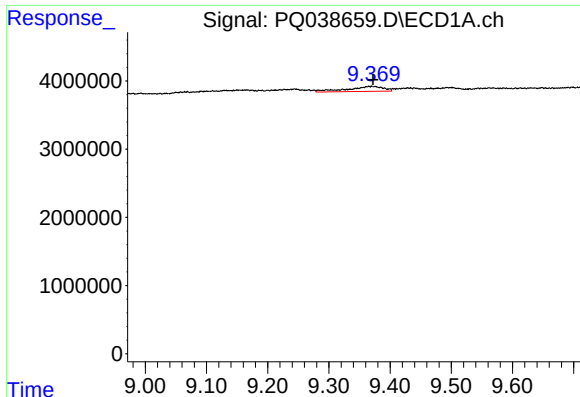
#42 AR-1268-2

R.T.: 9.154 min
Delta R.T.: 0.028 min
Response: 2794590
Conc: 4.55 ng/ml



#42 AR-1268-2

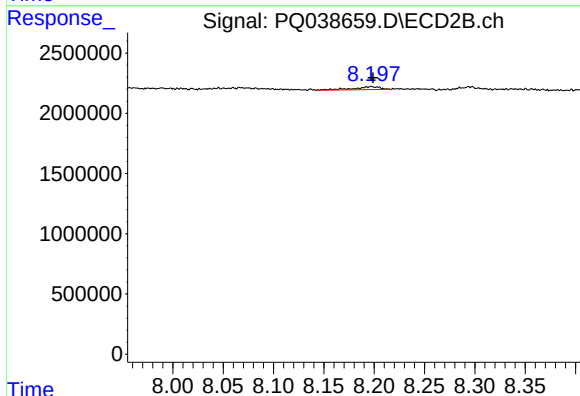
R.T.: 0.000 min
Exp R.T. : 7.985 min
Response: 0
Conc: N.D.



#43 AR-1268-3

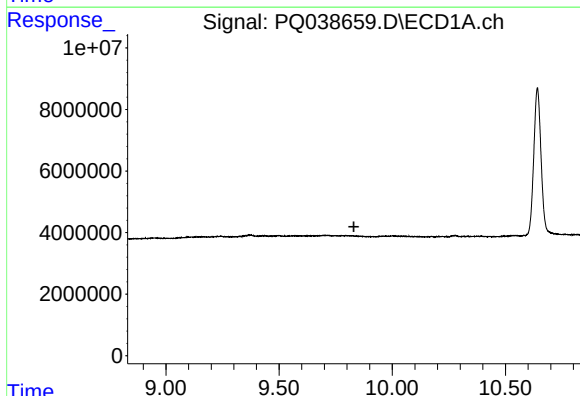
R.T.: 9.369 min
Delta R.T.: -0.003 min
Response: 2947003
Conc: 5.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



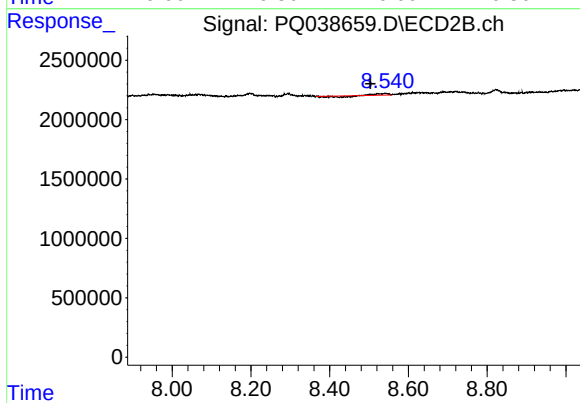
#43 AR-1268-3

R.T.: 8.197 min
Delta R.T.: -0.002 min
Response: 452693
Conc: 1.27 ng/ml



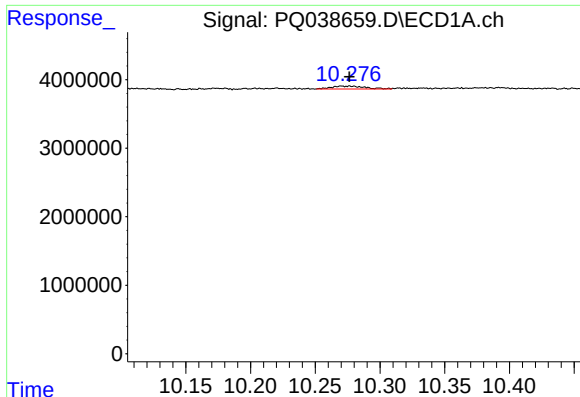
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.831 min
Response: 0
Conc: N.D.



#44 AR-1268-4

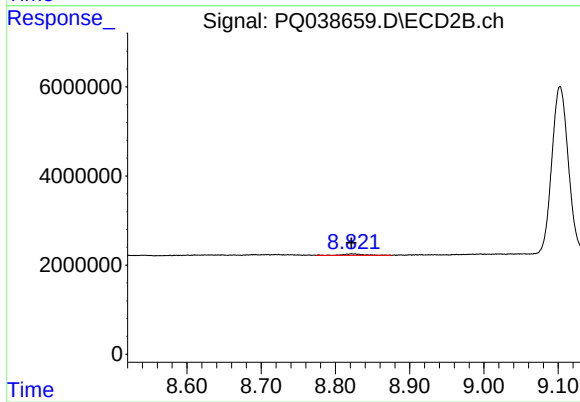
R.T.: 8.542 min
Delta R.T.: 0.038 min
Response: 7603
Conc: 0.05 ng/ml



#45 AR-1268-5

R.T.: 10.275 min
Delta R.T.: -0.002 min
Response: 756688
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.823 min
Delta R.T.: 0.001 min
Response: 635603
Conc: 0.55 ng/ml