

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101318\
 Data File : PQ033086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2018 20:55
 Operator : SM\SJ
 Sample : MDL-AR1232-S-4
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 05:20:26 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 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...	4.574	3.854	54468240	41758497	26.551	26.849
2)	SA Decachlor...	10.407	8.908	78991857	67085118	41.788	41.731
Target Compounds							
3)	L1 AR-1016-1	5.751	4.947	943984	652901	13.557	11.405
4)	L1 AR-1016-2	5.773	4.967	1369586	965810	13.296	12.121
5)	L1 AR-1016-3	5.837	5.144	591644	514711	9.449	12.409 #
6)	L1 AR-1016-4	5.937	5.184	434446	218846	8.596	6.387 #
7)	L1 AR-1016-5	6.230	5.402	446260	664064	8.660	14.534 #
8)	L2 AR-1221-1	4.789	4.068	73580	20012	3.099	1.083 #
9)	L2 AR-1221-2	4.883	4.157	335759	759323	20.395	57.407 #
10)	L2 AR-1221-3	4.965	4.232	66963	1186565	1.167	25.947 #
11)	L3 AR-1232-1	4.965	4.232	66963	1186565	1.508	34.289 #
12)	L3 AR-1232-2	5.479	4.967	904733	965810	38.306	25.685 #
13)	L3 AR-1232-3	5.773	5.144	1369586	514711	28.647	26.280
14)	L3 AR-1232-4	5.937	5.225	434446	115862	18.239	6.751 #
15)	L3 AR-1232-5	6.023	5.402	409403	664064	22.956	34.054 #
16)	L4 AR-1242-1	5.751	4.947	943984	652901	15.818	13.418
17)	L4 AR-1242-2	5.773	4.967	1369586	965810	15.770	14.308
18)	L4 AR-1242-3	5.837	5.144	591644	514711	11.315	14.051
19)	L4 AR-1242-4	5.937	5.225	434446	115862	10.074	3.146 #
20)	L4 AR-1242-5	6.676	5.752	1232276	827359	24.997	17.222 #
21)	L5 AR-1248-1	5.751	4.947	943984	652901	19.031	15.932
22)	L5 AR-1248-2	6.023	5.184	409403	218846	5.566	3.983 #
23)	L5 AR-1248-3	6.230	5.225	446260	115862	5.461	2.069 #
24)	L5 AR-1248-4	6.633	5.402	1258449	664064	13.435	9.628 #
25)	L5 AR-1248-5	6.676	5.789	1232276	1169690	13.876	16.921
26)	L6 AR-1254-1	6.607	5.752	1510015	827359	15.237	7.344 #
27)	L6 AR-1254-2	6.833	5.898	589633	130987	3.773	1.327 #
28)	L6 AR-1254-3	7.200	6.302	506684	29766	2.986	0.179 #
29)	L6 AR-1254-4	7.481	6.531	348704	168881	2.824	1.587 #
30)	L6 AR-1254-5	7.900	6.946	195908	18496	1.480	0.126 #
31)	L7 AR-1260-1	7.353	6.431	171007	104260	1.599	1.110 #
32)	L7 AR-1260-2	7.570	6.617	8989	510548	0.071	4.382 #
33)	L7 AR-1260-3	8.017	6.770	117534	148196	1.509	1.374
34)	L7 AR-1260-4	8.201	7.243	198743	126528	1.963	1.646
35)	L7 AR-1260-5	8.532	7.486	266580	169436	1.412	0.882 #
36)	L8 AR-1262-1	8.017	6.946	117534	18496	0.872	0.144 #
37)	L8 AR-1262-2	8.532	7.486	266580	169436	1.078	0.707 #
38)	L8 AR-1262-3	8.851	7.771	44796	163164	0.271	1.752 #
39)	L8 AR-1262-4	8.962	7.832	40377	250006	0.592	1.436 #
40)	L8 AR-1262-5	9.580	8.341	352212	41882	4.026	0.519 #
41)	L9 AR-1268-1	8.851	7.771	44796	163164	0.122	0.477 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101318\
Data File : PQ033086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2018 20:55
Operator : SM\SJ
Sample : MDL-AR1232-S-4
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 05:20:26 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

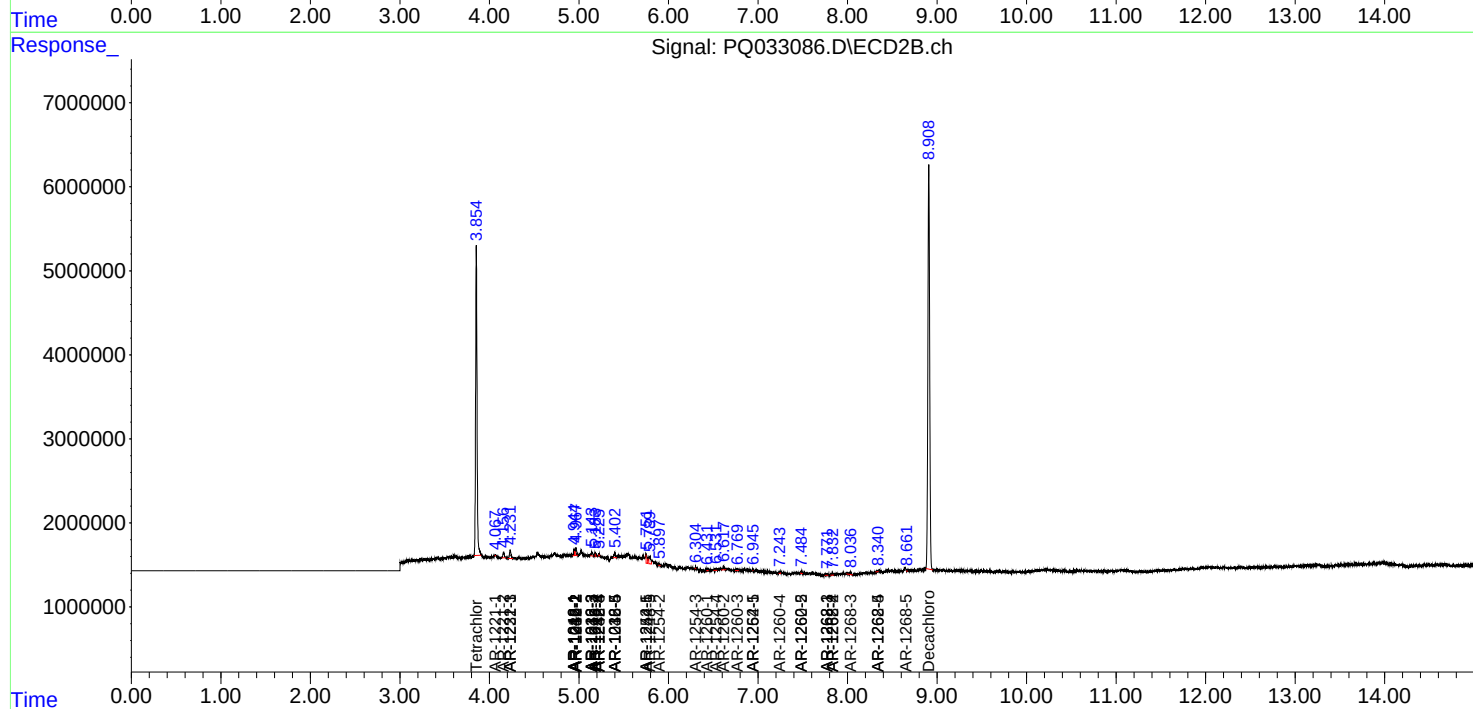
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

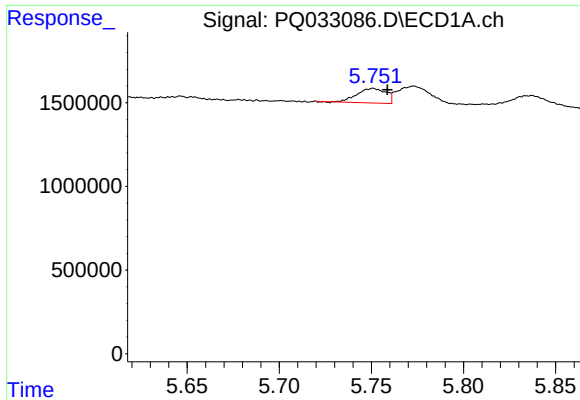
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.962	7.832	40377	250006	0.121	0.809 #
43)	L9 AR-1268-3	9.190	8.036	137229	336394	0.487	1.315 #
44)	L9 AR-1268-4	9.580	8.341	352212	41882	2.915	0.380 #
45)	L9 AR-1268-5	10.060	8.662	264568	19939	0.286	0.024 #

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

Instrument :
ECD_Q
ClientSampleId :

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

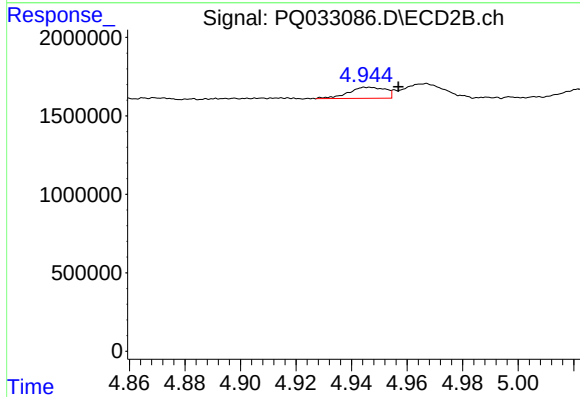




#3 AR-1016-1

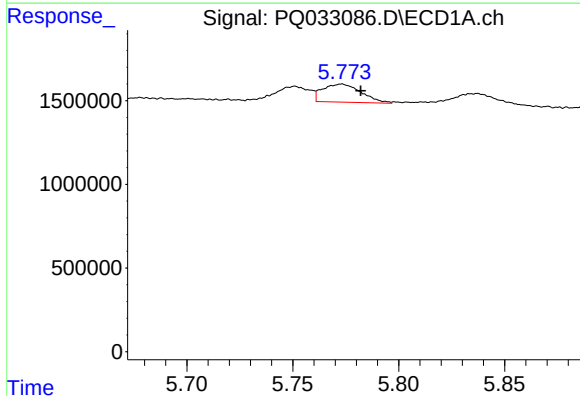
R.T.: 5.751 min
Delta R.T.: -0.008 min
Response: 943984
Conc: 13.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



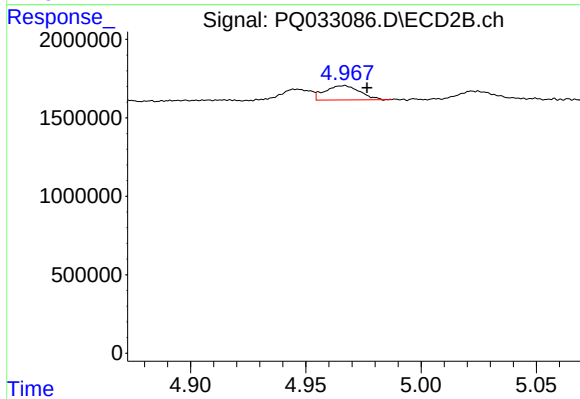
#3 AR-1016-1

R.T.: 4.947 min
Delta R.T.: -0.010 min
Response: 652901
Conc: 11.40 ng/ml



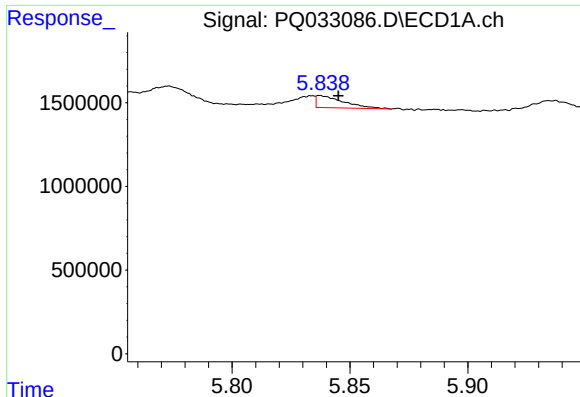
#4 AR-1016-2

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 1369586
Conc: 13.30 ng/ml



#4 AR-1016-2

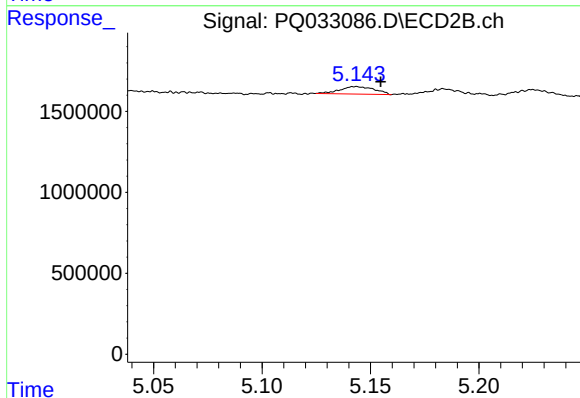
R.T.: 4.967 min
Delta R.T.: -0.009 min
Response: 965810
Conc: 12.12 ng/ml



#5 AR-1016-3

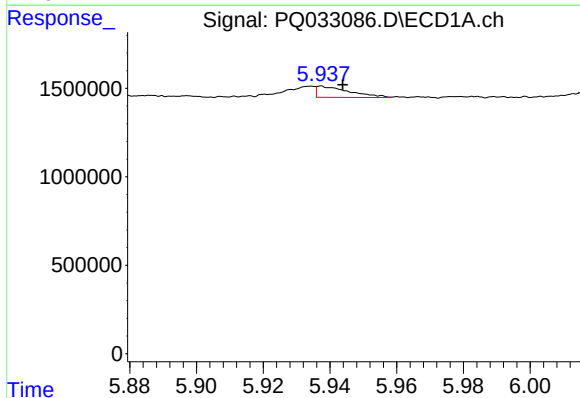
R.T.: 5.837 min
Delta R.T.: -0.008 min
Response: 591644
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



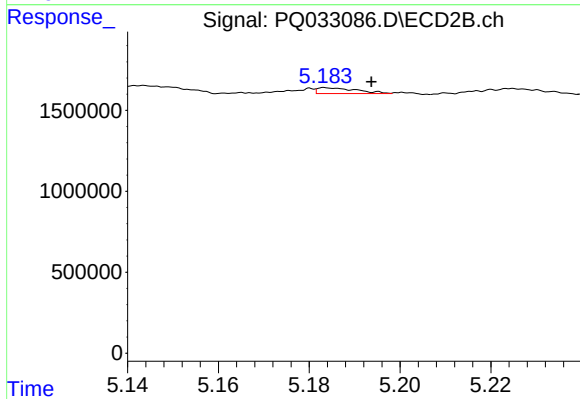
#5 AR-1016-3

R.T.: 5.144 min
Delta R.T.: -0.011 min
Response: 514711
Conc: 12.41 ng/ml



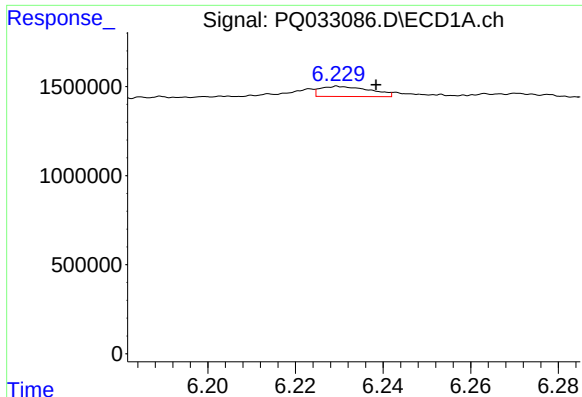
#6 AR-1016-4

R.T.: 5.937 min
Delta R.T.: -0.006 min
Response: 434446
Conc: 8.60 ng/ml



#6 AR-1016-4

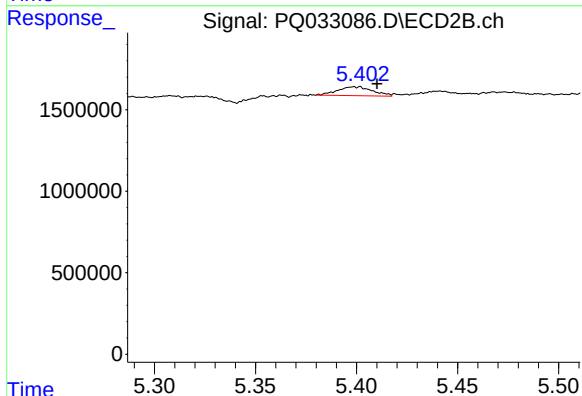
R.T.: 5.184 min
Delta R.T.: -0.010 min
Response: 218846
Conc: 6.39 ng/ml



#7 AR-1016-5

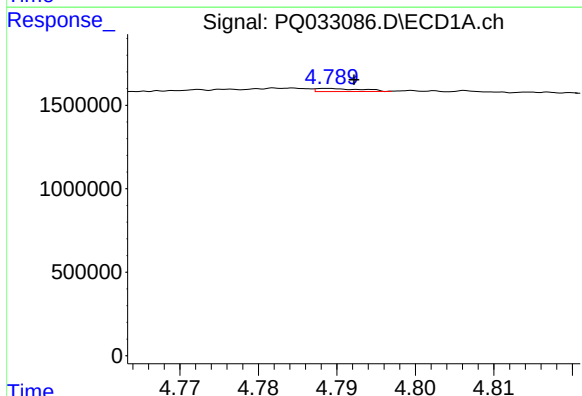
R.T.: 6.230 min
Delta R.T.: -0.009 min
Response: 446260
Conc: 8.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



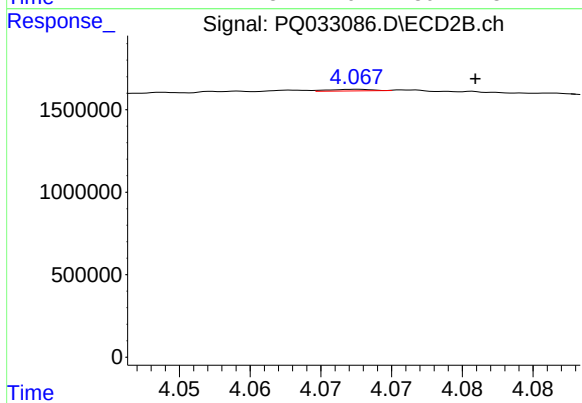
#7 AR-1016-5

R.T.: 5.402 min
Delta R.T.: -0.008 min
Response: 664064
Conc: 14.53 ng/ml



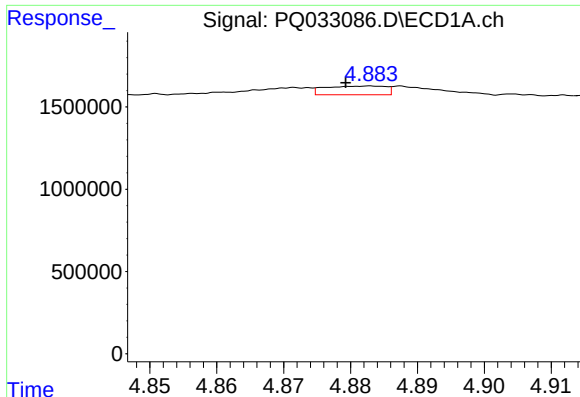
#8 AR-1221-1

R.T.: 4.789 min
Delta R.T.: -0.003 min
Response: 73580
Conc: 3.10 ng/ml



#8 AR-1221-1

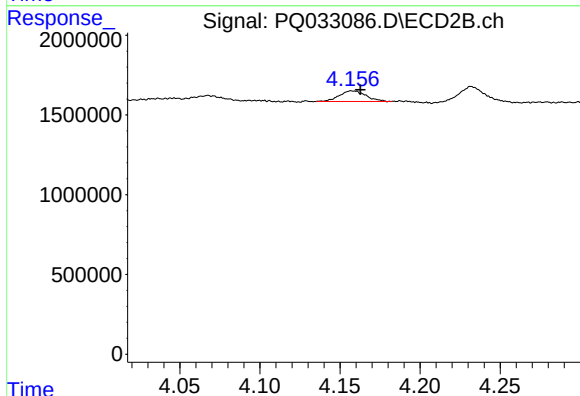
R.T.: 4.068 min
Delta R.T.: -0.008 min
Response: 20012
Conc: 1.08 ng/ml



#9 AR-1221-2

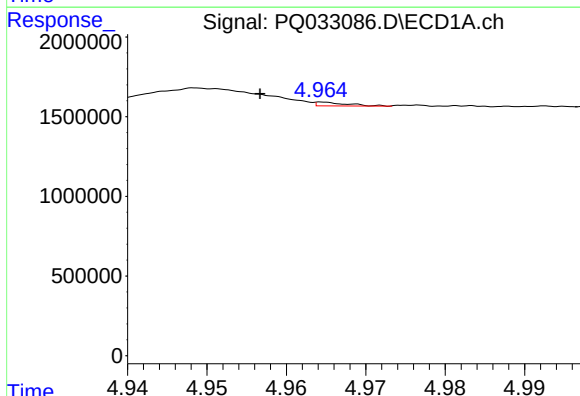
R.T.: 4.883 min
Delta R.T.: 0.004 min
Response: 335759
Conc: 20.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



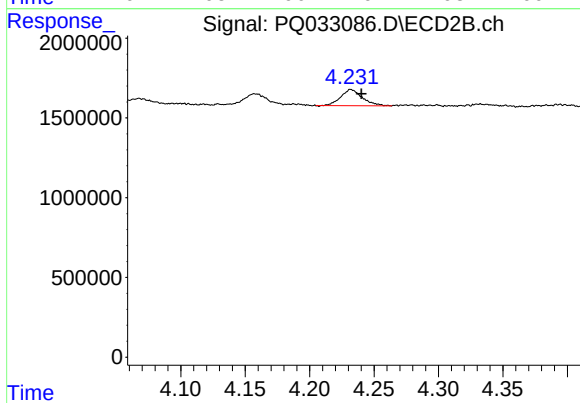
#9 AR-1221-2

R.T.: 4.157 min
Delta R.T.: -0.006 min
Response: 759323
Conc: 57.41 ng/ml



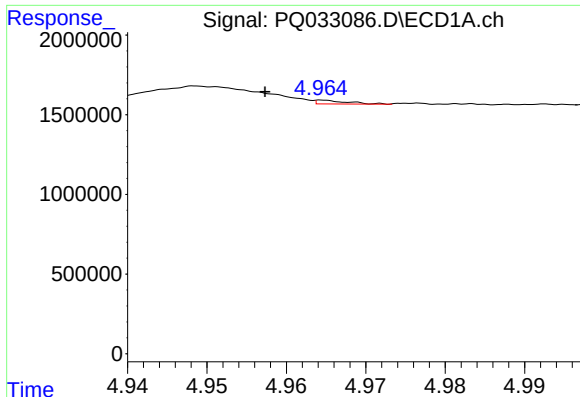
#10 AR-1221-3

R.T.: 4.965 min
Delta R.T.: 0.008 min
Response: 66963
Conc: 1.17 ng/ml



#10 AR-1221-3

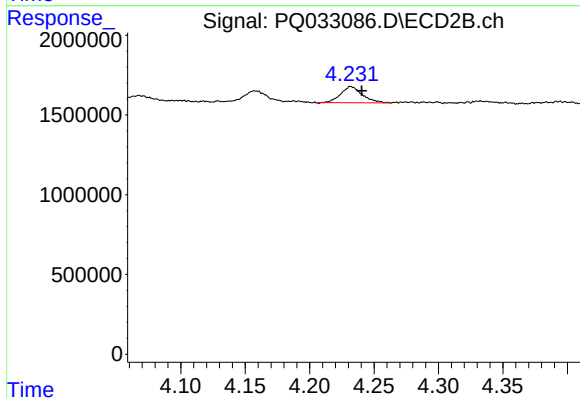
R.T.: 4.232 min
Delta R.T.: -0.008 min
Response: 1186565
Conc: 25.95 ng/ml



#11 AR-1232-1

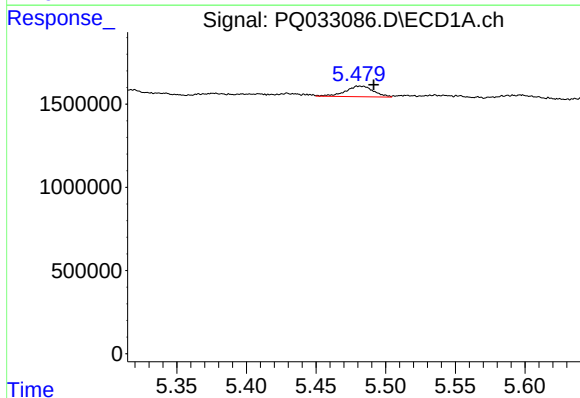
R.T.: 4.965 min
Delta R.T.: 0.007 min
Response: 66963
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



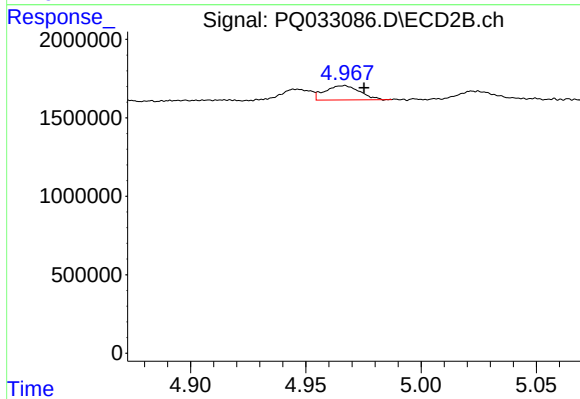
#11 AR-1232-1

R.T.: 4.232 min
Delta R.T.: -0.009 min
Response: 1186565
Conc: 34.29 ng/ml



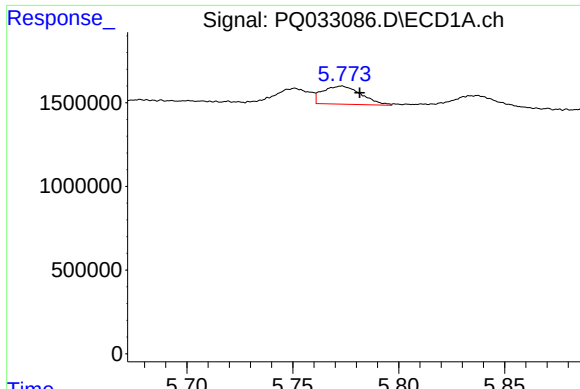
#12 AR-1232-2

R.T.: 5.479 min
Delta R.T.: -0.012 min
Response: 904733
Conc: 38.31 ng/ml



#12 AR-1232-2

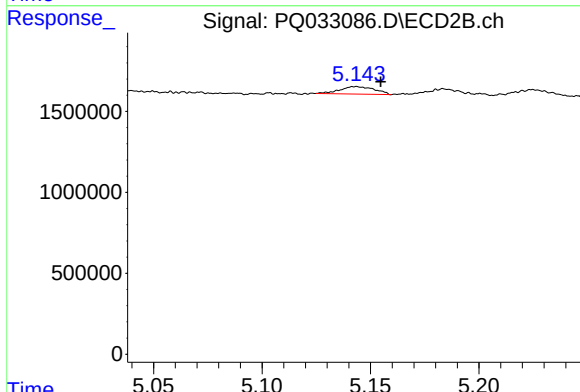
R.T.: 4.967 min
Delta R.T.: -0.008 min
Response: 965810
Conc: 25.68 ng/ml



#13 AR-1232-3

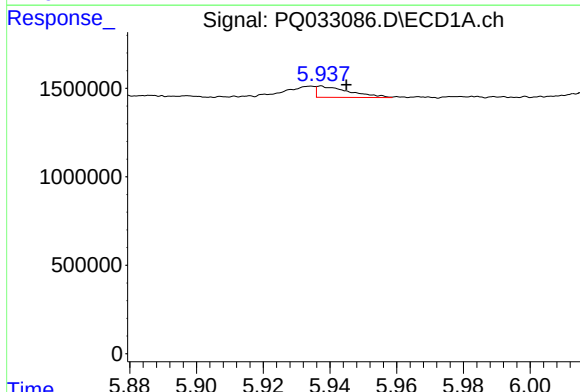
R.T.: 5.773 min
Delta R.T.: -0.008 min
Response: 1369586
Conc: 28.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



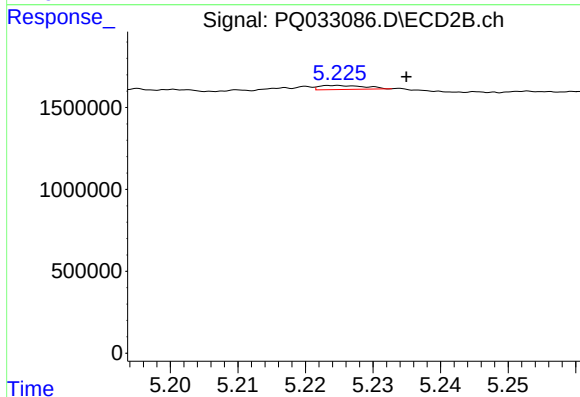
#13 AR-1232-3

R.T.: 5.144 min
Delta R.T.: -0.011 min
Response: 514711
Conc: 26.28 ng/ml



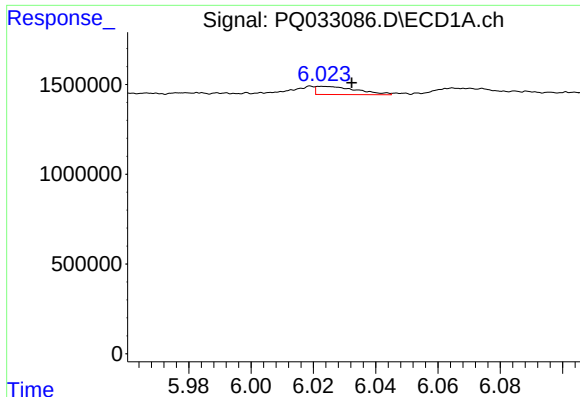
#14 AR-1232-4

R.T.: 5.937 min
Delta R.T.: -0.008 min
Response: 434446
Conc: 18.24 ng/ml



#14 AR-1232-4

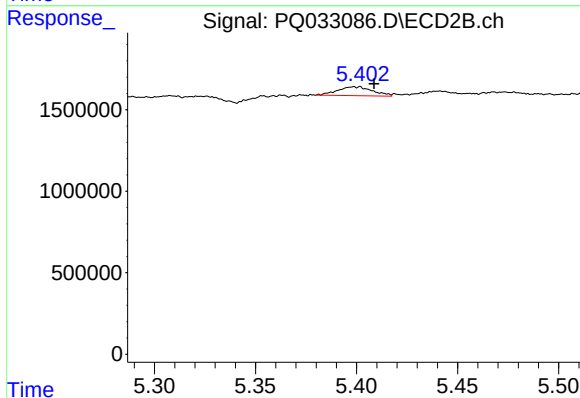
R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 115862
Conc: 6.75 ng/ml



#15 AR-1232-5

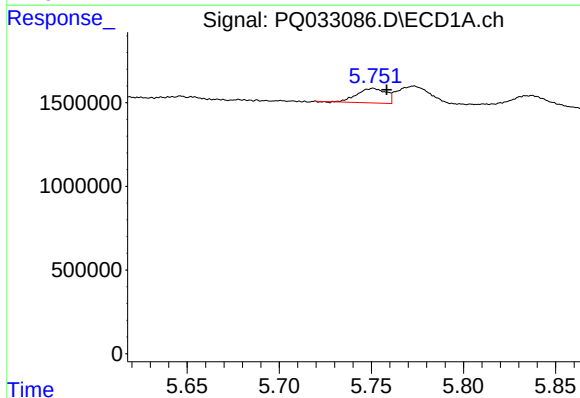
R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 409403
Conc: 22.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



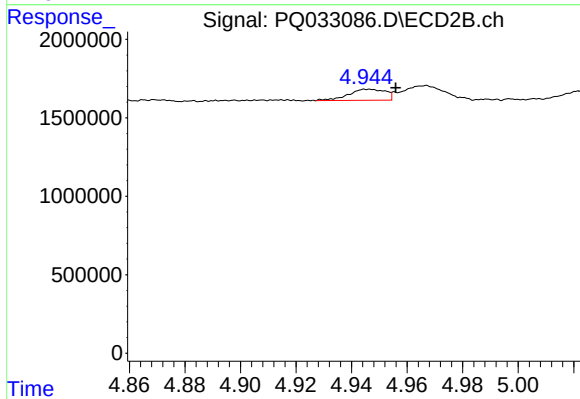
#15 AR-1232-5

R.T.: 5.402 min
Delta R.T.: -0.007 min
Response: 664064
Conc: 34.05 ng/ml



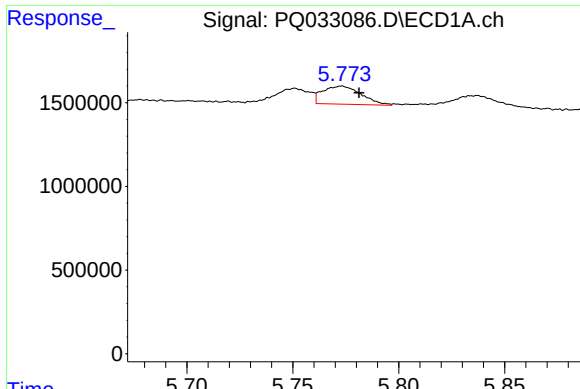
#16 AR-1242-1

R.T.: 5.751 min
Delta R.T.: -0.007 min
Response: 943984
Conc: 15.82 ng/ml



#16 AR-1242-1

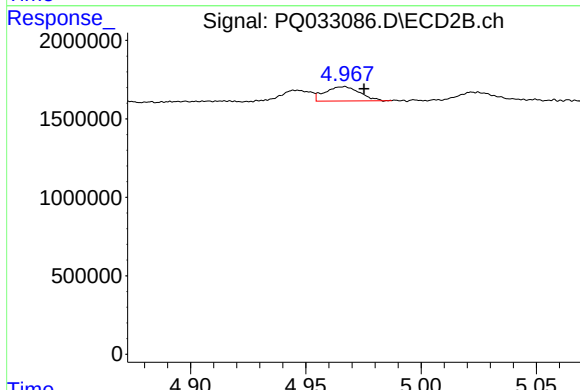
R.T.: 4.947 min
Delta R.T.: -0.009 min
Response: 652901
Conc: 13.42 ng/ml



#17 AR-1242-2

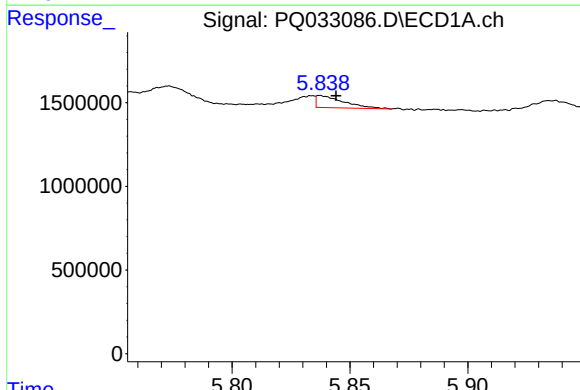
R.T.: 5.773 min
Delta R.T.: -0.008 min
Response: 1369586
Conc: 15.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



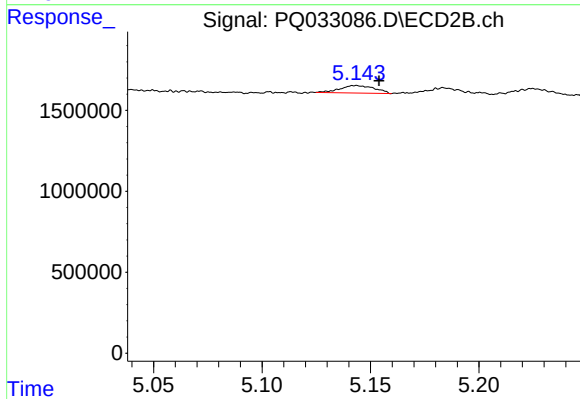
#17 AR-1242-2

R.T.: 4.967 min
Delta R.T.: -0.008 min
Response: 965810
Conc: 14.31 ng/ml



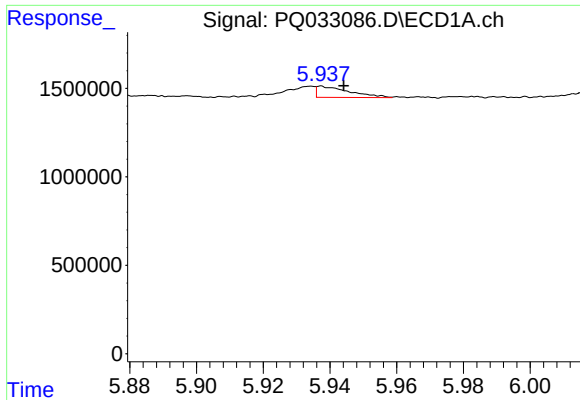
#18 AR-1242-3

R.T.: 5.837 min
Delta R.T.: -0.007 min
Response: 591644
Conc: 11.31 ng/ml



#18 AR-1242-3

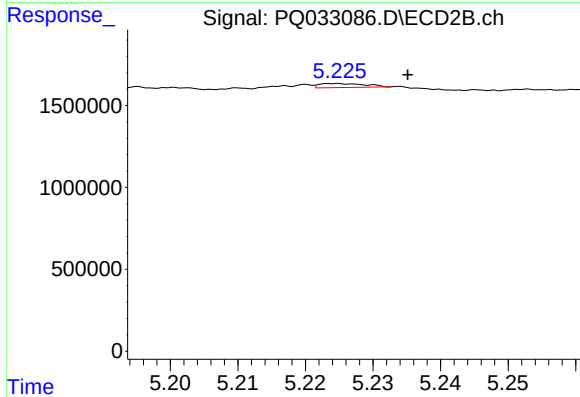
R.T.: 5.144 min
Delta R.T.: -0.010 min
Response: 514711
Conc: 14.05 ng/ml



#19 AR-1242-4

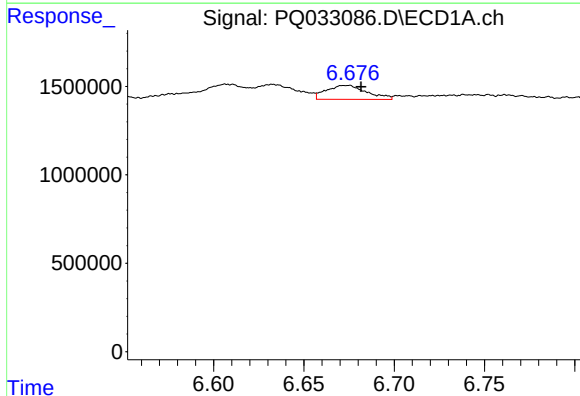
R.T.: 5.937 min
Delta R.T.: -0.007 min
Response: 434446
Conc: 10.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



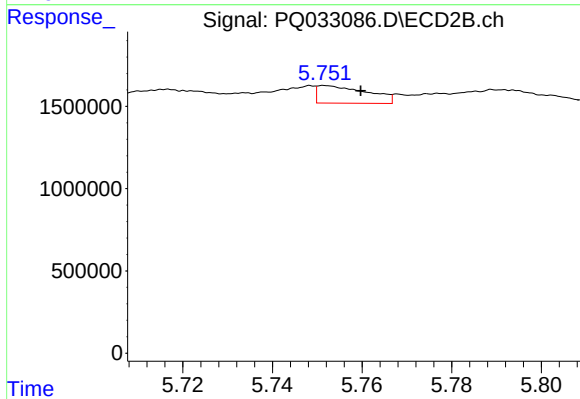
#19 AR-1242-4

R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 115862
Conc: 3.15 ng/ml



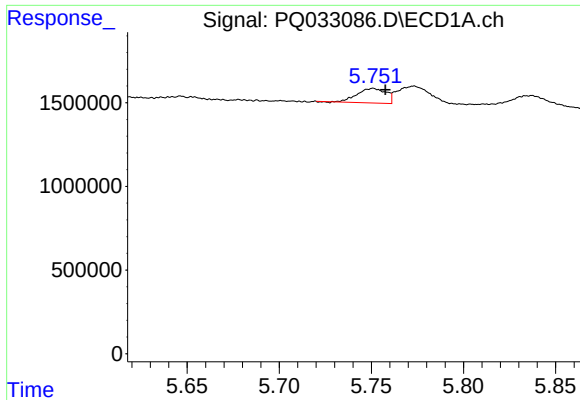
#20 AR-1242-5

R.T.: 6.676 min
Delta R.T.: -0.006 min
Response: 1232276
Conc: 25.00 ng/ml



#20 AR-1242-5

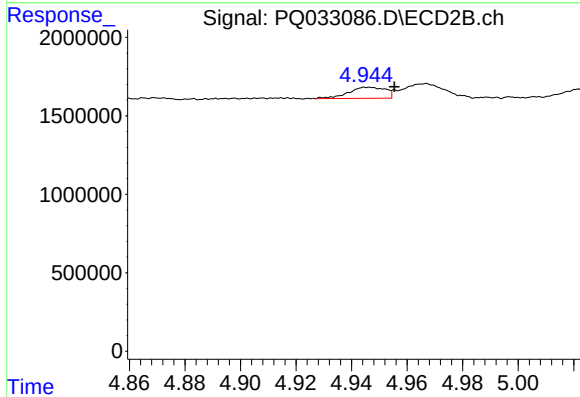
R.T.: 5.752 min
Delta R.T.: -0.008 min
Response: 827359
Conc: 17.22 ng/ml



#21 AR-1248-1

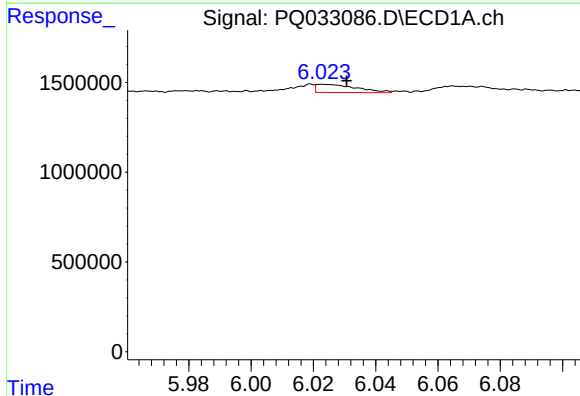
R.T.: 5.751 min
Delta R.T.: -0.007 min
Response: 943984
Conc: 19.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



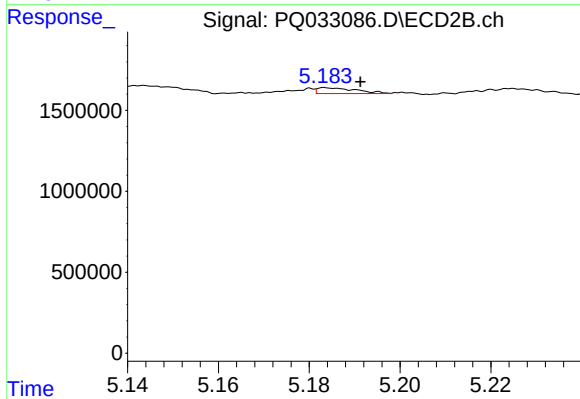
#21 AR-1248-1

R.T.: 4.947 min
Delta R.T.: -0.009 min
Response: 652901
Conc: 15.93 ng/ml



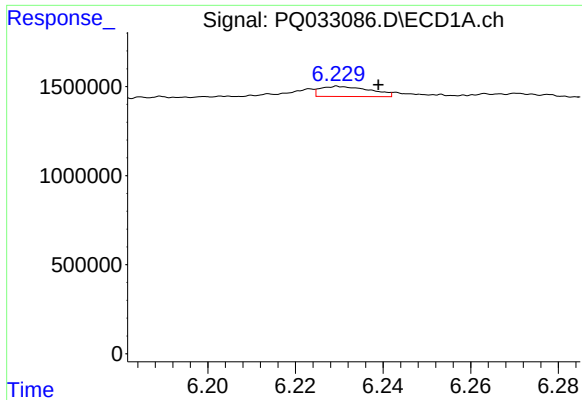
#22 AR-1248-2

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 409403
Conc: 5.57 ng/ml



#22 AR-1248-2

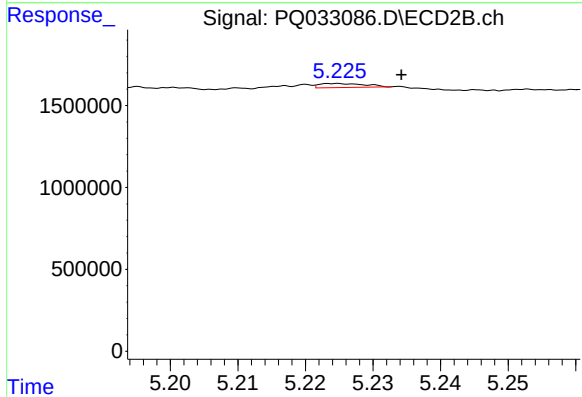
R.T.: 5.184 min
Delta R.T.: -0.008 min
Response: 218846
Conc: 3.98 ng/ml



#23 AR-1248-3

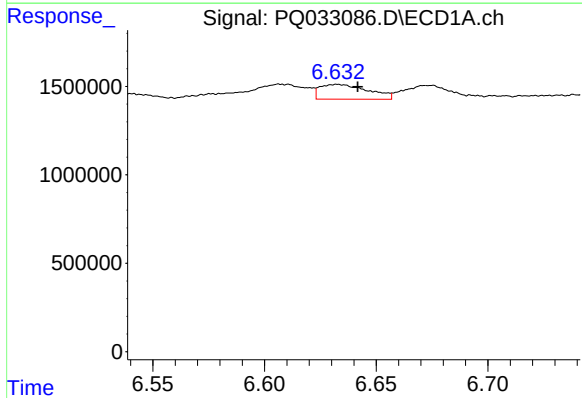
R.T.: 6.230 min
Delta R.T.: -0.009 min
Response: 446260
Conc: 5.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



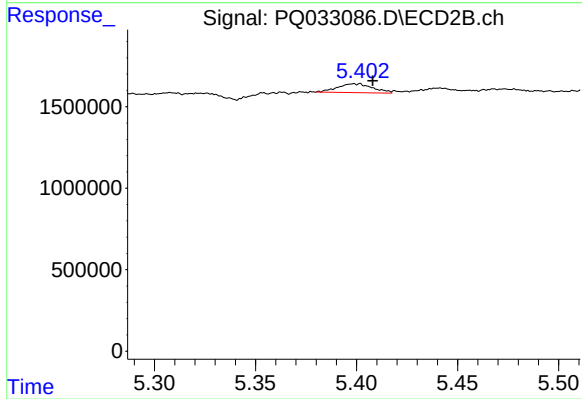
#23 AR-1248-3

R.T.: 5.225 min
Delta R.T.: -0.009 min
Response: 115862
Conc: 2.07 ng/ml



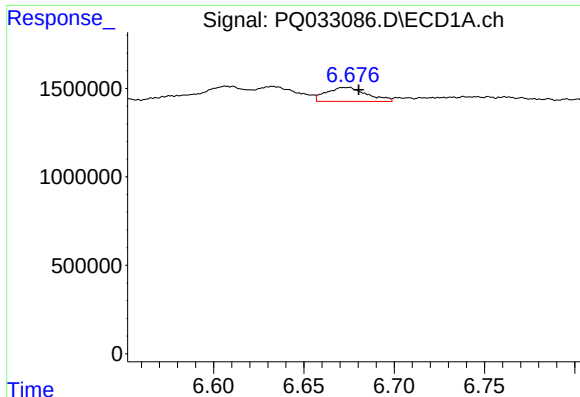
#24 AR-1248-4

R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 1258449
Conc: 13.43 ng/ml



#24 AR-1248-4

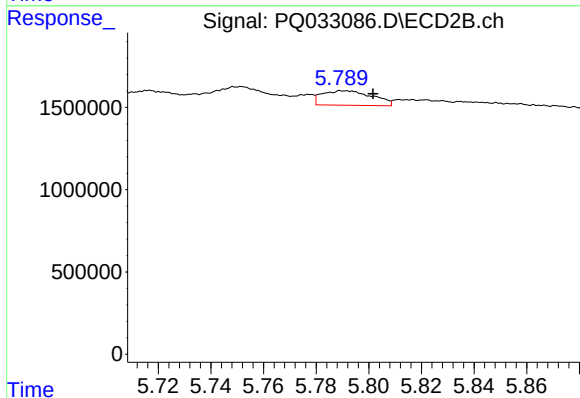
R.T.: 5.402 min
Delta R.T.: -0.006 min
Response: 664064
Conc: 9.63 ng/ml



#25 AR-1248-5

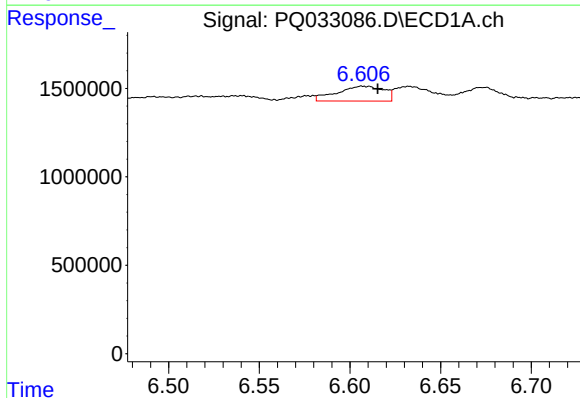
R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 1232276
Conc: 13.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



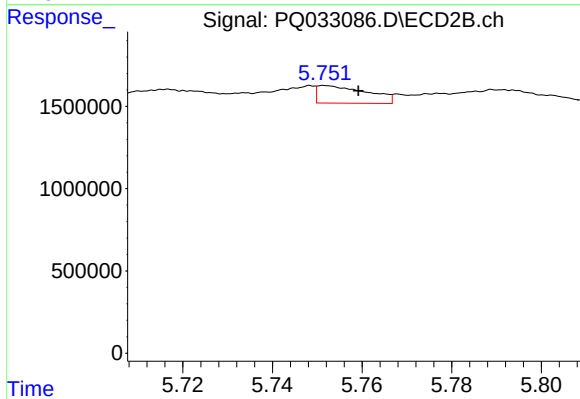
#25 AR-1248-5

R.T.: 5.789 min
Delta R.T.: -0.013 min
Response: 1169690
Conc: 16.92 ng/ml



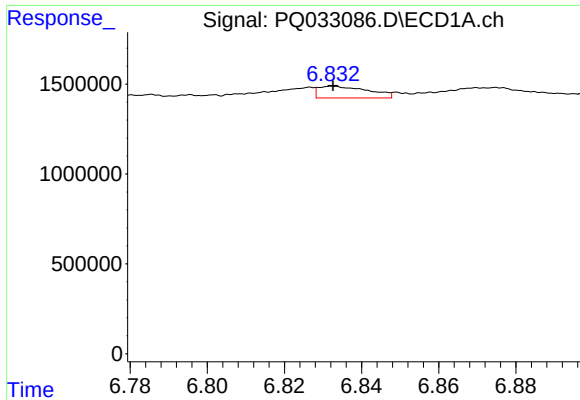
#26 AR-1254-1

R.T.: 6.607 min
Delta R.T.: -0.009 min
Response: 1510015
Conc: 15.24 ng/ml



#26 AR-1254-1

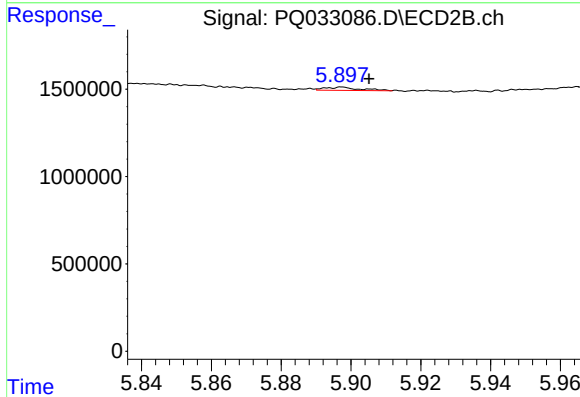
R.T.: 5.752 min
Delta R.T.: -0.008 min
Response: 827359
Conc: 7.34 ng/ml



#27 AR-1254-2

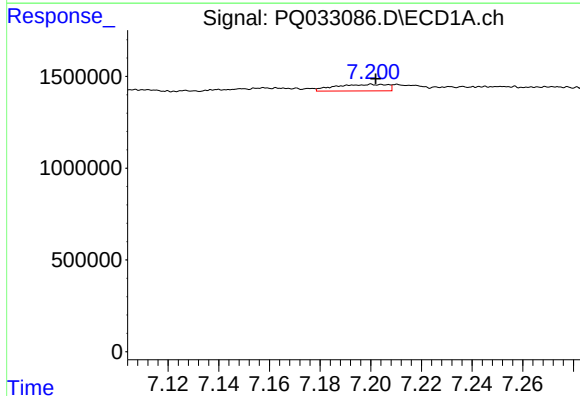
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 589633
Conc: 3.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



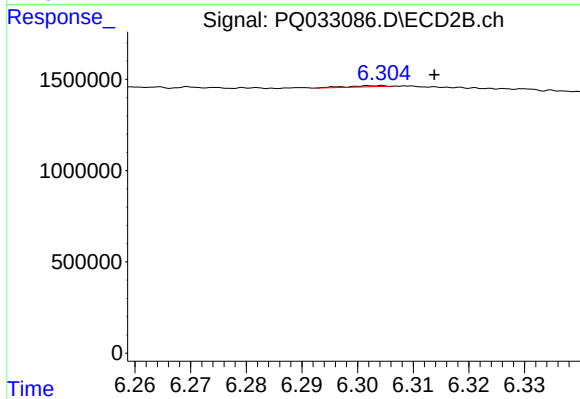
#27 AR-1254-2

R.T.: 5.898 min
Delta R.T.: -0.008 min
Response: 130987
Conc: 1.33 ng/ml



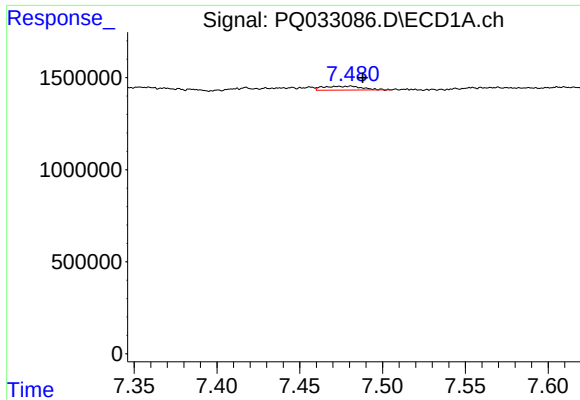
#28 AR-1254-3

R.T.: 7.200 min
Delta R.T.: -0.002 min
Response: 506684
Conc: 2.99 ng/ml



#28 AR-1254-3

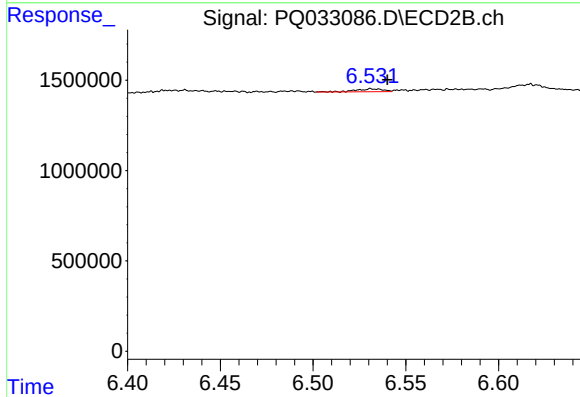
R.T.: 6.302 min
Delta R.T.: -0.012 min
Response: 29766
Conc: 0.18 ng/ml



#29 AR-1254-4

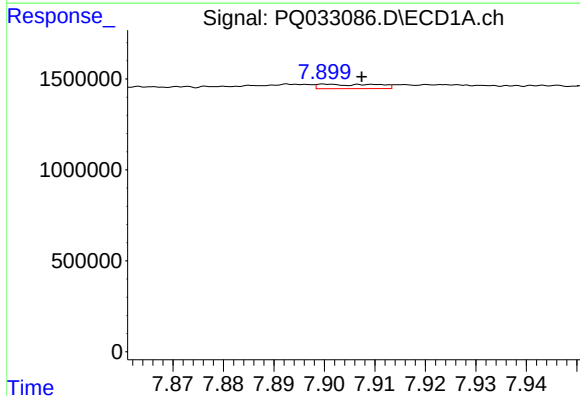
R.T.: 7.481 min
Delta R.T.: -0.007 min
Response: 348704
Conc: 2.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



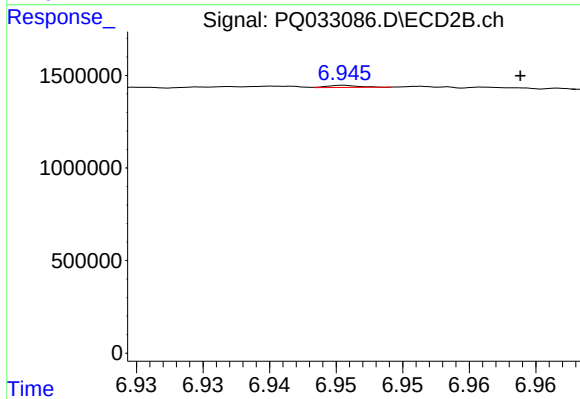
#29 AR-1254-4

R.T.: 6.531 min
Delta R.T.: -0.009 min
Response: 168881
Conc: 1.59 ng/ml



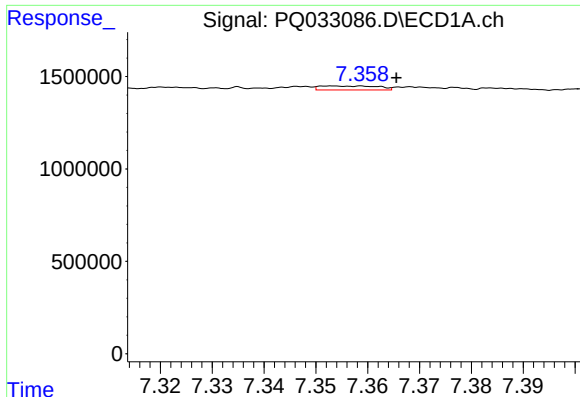
#30 AR-1254-5

R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 195908
Conc: 1.48 ng/ml



#30 AR-1254-5

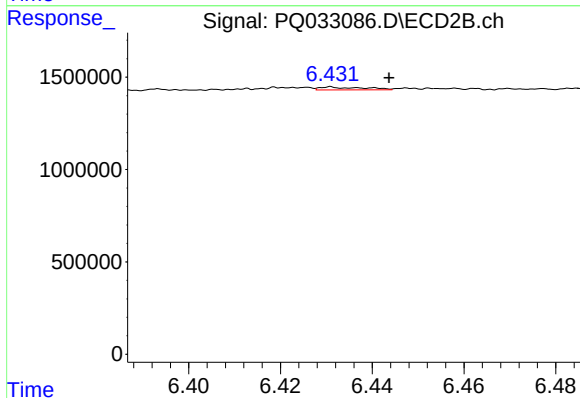
R.T.: 6.946 min
Delta R.T.: -0.013 min
Response: 18496
Conc: 0.13 ng/ml



#31 AR-1260-1

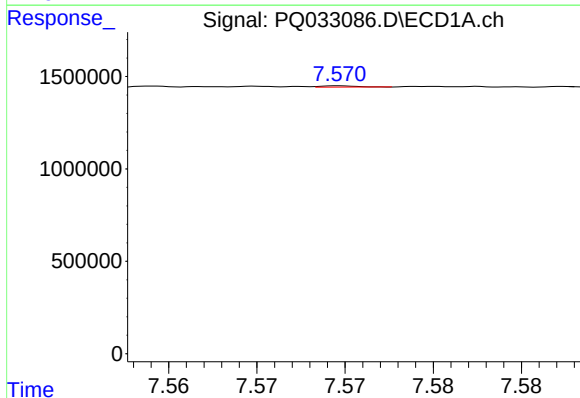
R.T.: 7.353 min
Delta R.T.: -0.012 min
Response: 171007
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



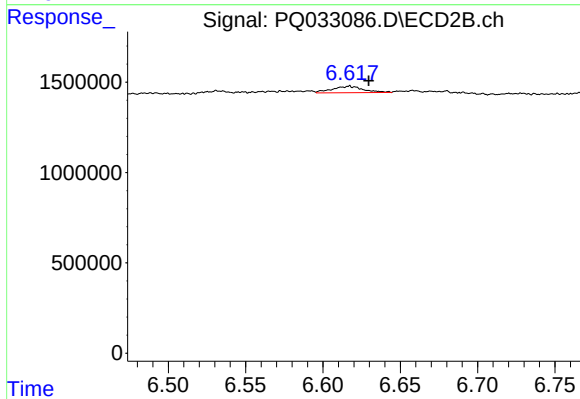
#31 AR-1260-1

R.T.: 6.431 min
Delta R.T.: -0.013 min
Response: 104260
Conc: 1.11 ng/ml



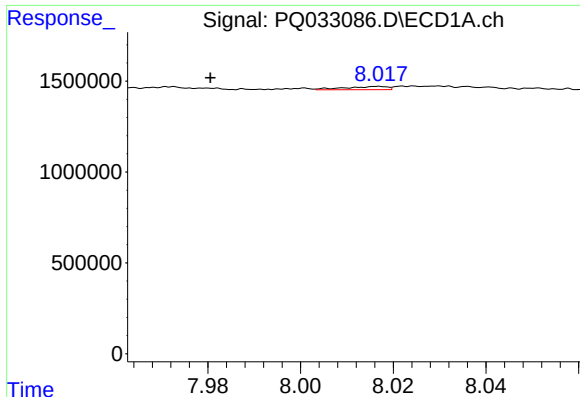
#32 AR-1260-2

R.T.: 7.570 min
Delta R.T.: -0.050 min
Response: 8989
Conc: 0.07 ng/ml



#32 AR-1260-2

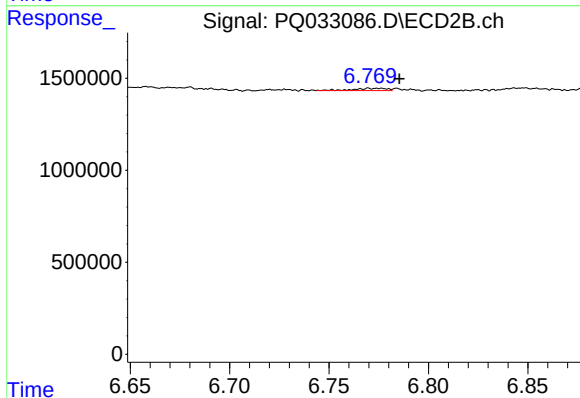
R.T.: 6.617 min
Delta R.T.: -0.012 min
Response: 510548
Conc: 4.38 ng/ml



#33 AR-1260-3

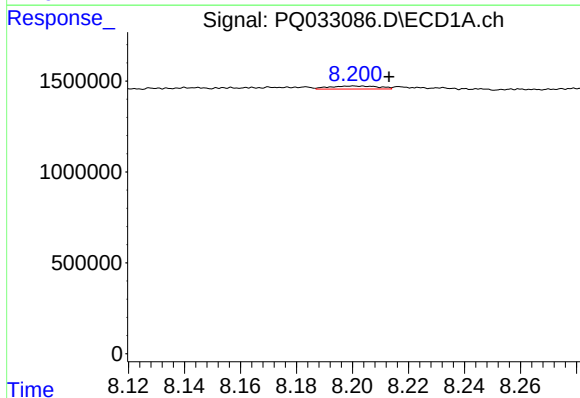
R.T.: 8.017 min
Delta R.T.: 0.036 min
Response: 117534
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



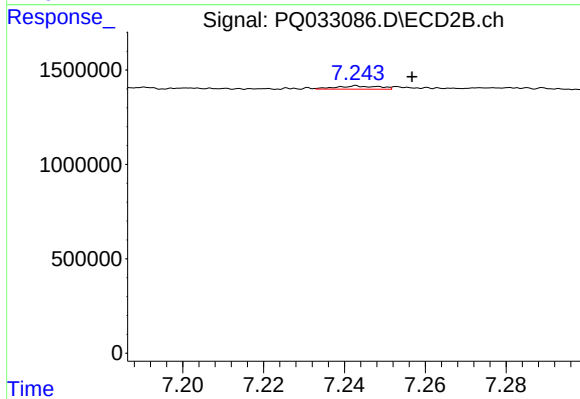
#33 AR-1260-3

R.T.: 6.770 min
Delta R.T.: -0.016 min
Response: 148196
Conc: 1.37 ng/ml



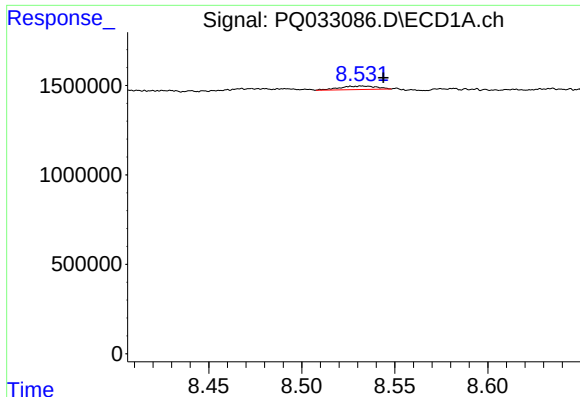
#34 AR-1260-4

R.T.: 8.201 min
Delta R.T.: -0.012 min
Response: 198743
Conc: 1.96 ng/ml



#34 AR-1260-4

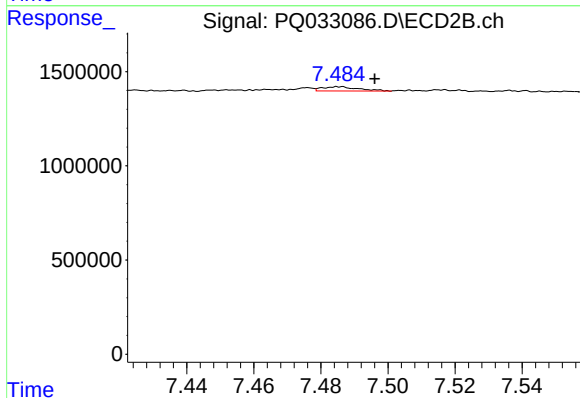
R.T.: 7.243 min
Delta R.T.: -0.014 min
Response: 126528
Conc: 1.65 ng/ml



#35 AR-1260-5

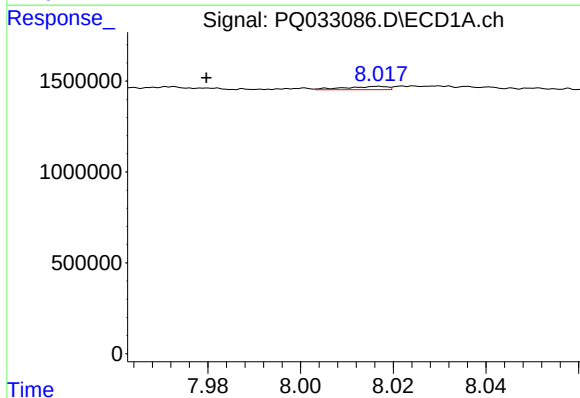
R.T.: 8.532 min
Delta R.T.: -0.012 min
Response: 266580
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



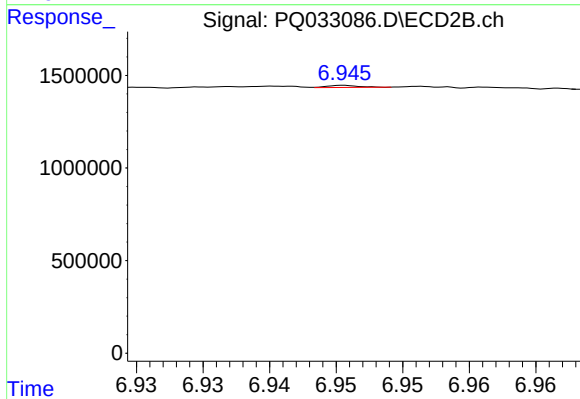
#35 AR-1260-5

R.T.: 7.486 min
Delta R.T.: -0.010 min
Response: 169436
Conc: 0.88 ng/ml



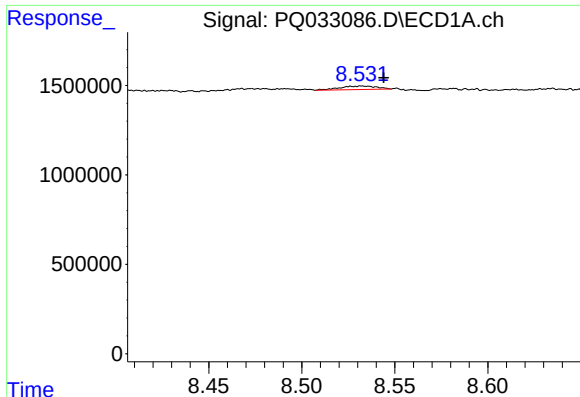
#36 AR-1262-1

R.T.: 8.017 min
Delta R.T.: 0.037 min
Response: 117534
Conc: 0.87 ng/ml



#36 AR-1262-1

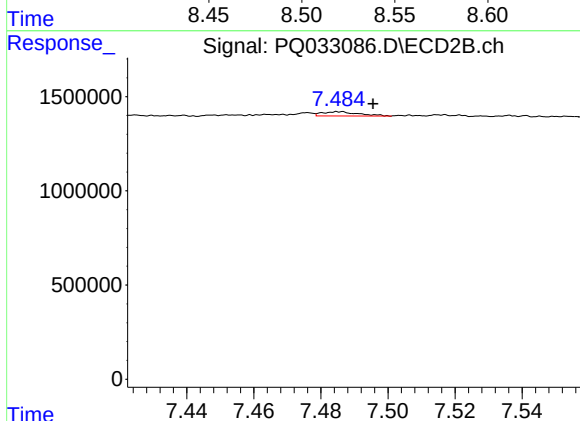
R.T.: 6.946 min
Delta R.T.: -0.049 min
Response: 18496
Conc: 0.14 ng/ml



#37 AR-1262-2

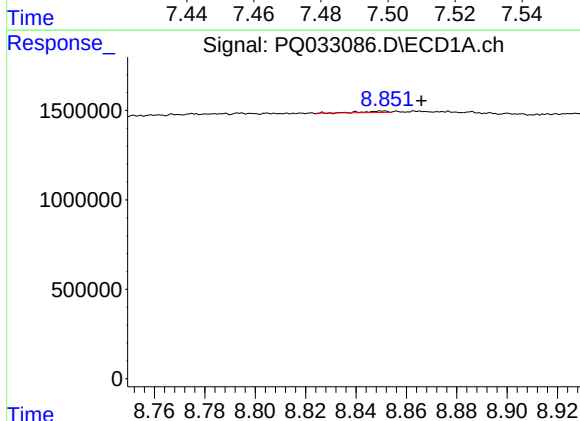
R.T.: 8.532 min
Delta R.T.: -0.012 min
Response: 266580
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



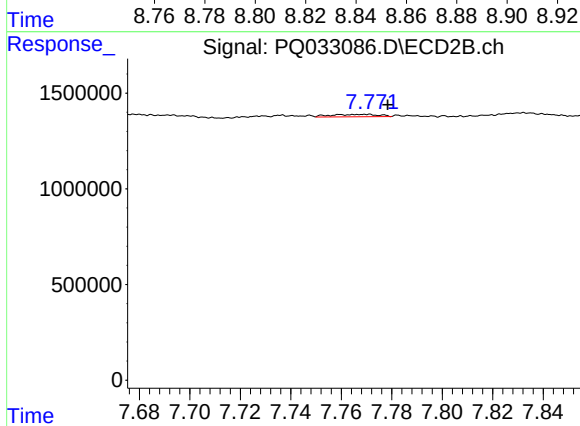
#37 AR-1262-2

R.T.: 7.486 min
Delta R.T.: -0.010 min
Response: 169436
Conc: 0.71 ng/ml



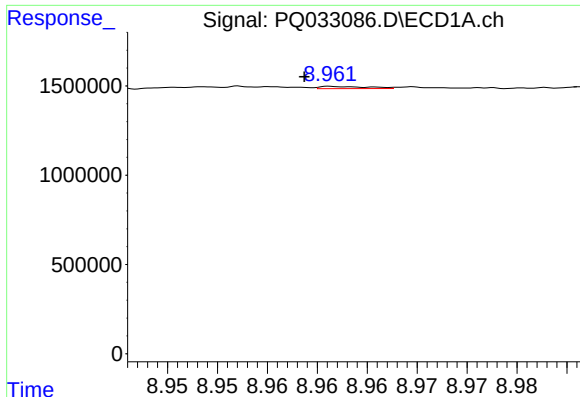
#38 AR-1262-3

R.T.: 8.851 min
Delta R.T.: -0.015 min
Response: 44796
Conc: 0.27 ng/ml



#38 AR-1262-3

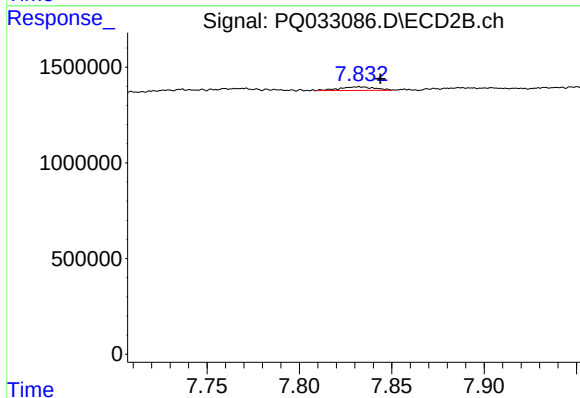
R.T.: 7.771 min
Delta R.T.: -0.007 min
Response: 163164
Conc: 1.75 ng/ml



#39 AR-1262-4

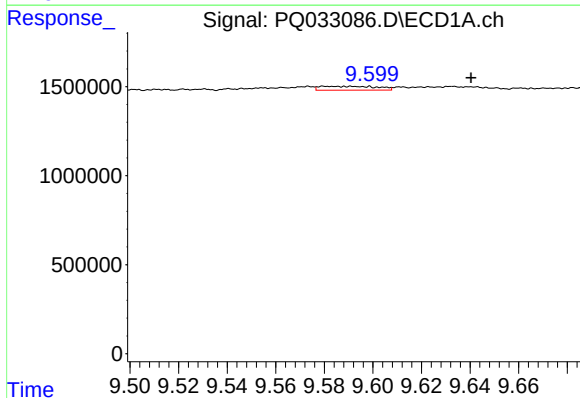
R.T.: 8.962 min
Delta R.T.: 0.003 min
Response: 40377
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



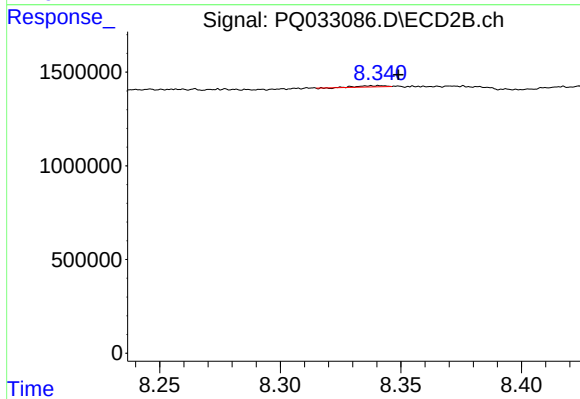
#39 AR-1262-4

R.T.: 7.832 min
Delta R.T.: -0.011 min
Response: 250006
Conc: 1.44 ng/ml



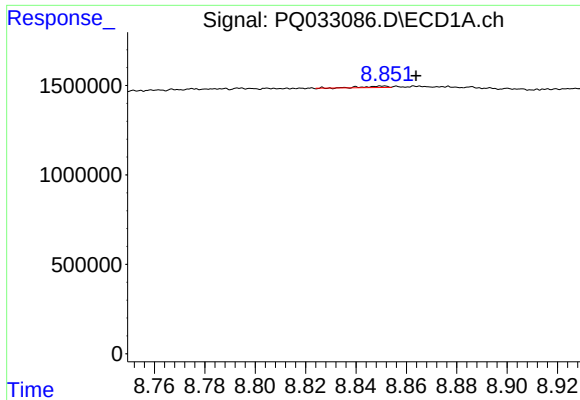
#40 AR-1262-5

R.T.: 9.580 min
Delta R.T.: -0.061 min
Response: 352212
Conc: 4.03 ng/ml



#40 AR-1262-5

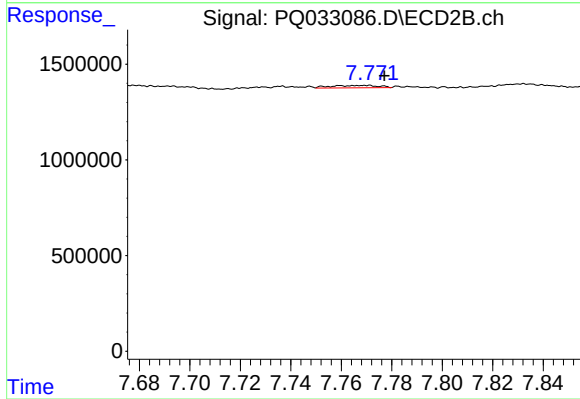
R.T.: 8.341 min
Delta R.T.: -0.008 min
Response: 41882
Conc: 0.52 ng/ml



#41 AR-1268-1

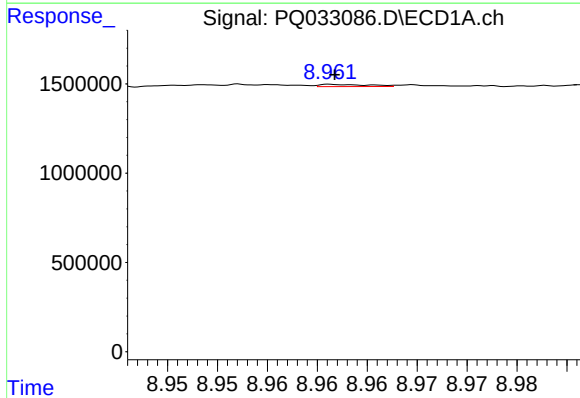
R.T.: 8.851 min
Delta R.T.: -0.013 min
Response: 44796
Conc: 0.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



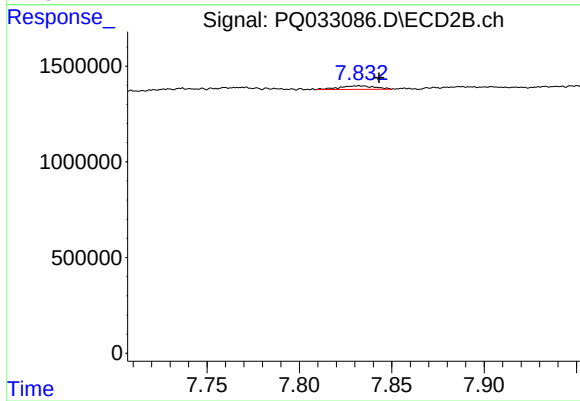
#41 AR-1268-1

R.T.: 7.771 min
Delta R.T.: -0.006 min
Response: 163164
Conc: 0.48 ng/ml



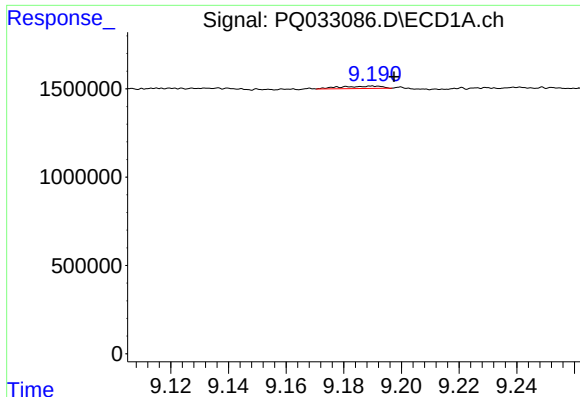
#42 AR-1268-2

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 40377
Conc: 0.12 ng/ml



#42 AR-1268-2

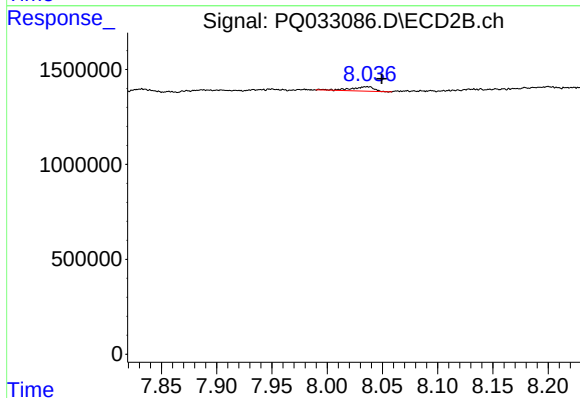
R.T.: 7.832 min
Delta R.T.: -0.011 min
Response: 250006
Conc: 0.81 ng/ml



#43 AR-1268-3

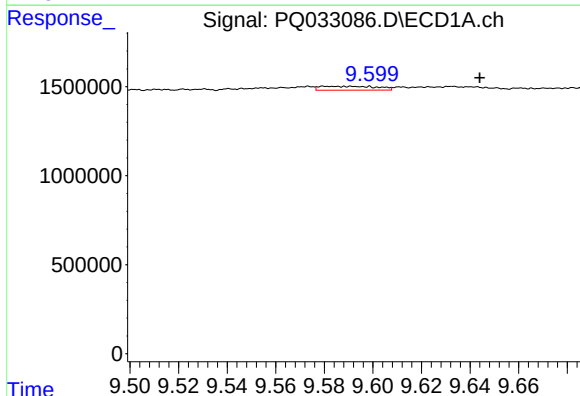
R.T.: 9.190 min
Delta R.T.: -0.008 min
Response: 137229
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



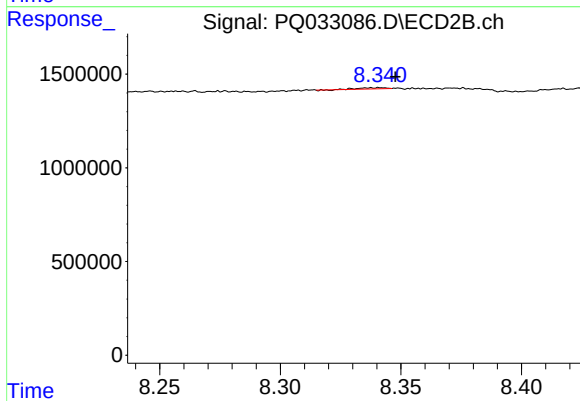
#43 AR-1268-3

R.T.: 8.036 min
Delta R.T.: -0.013 min
Response: 336394
Conc: 1.31 ng/ml



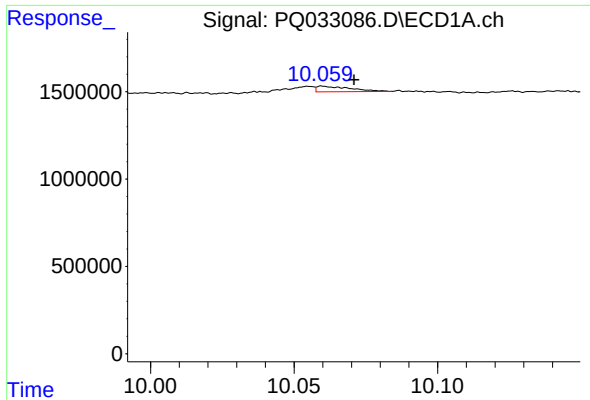
#44 AR-1268-4

R.T.: 9.580 min
Delta R.T.: -0.064 min
Response: 352212
Conc: 2.92 ng/ml



#44 AR-1268-4

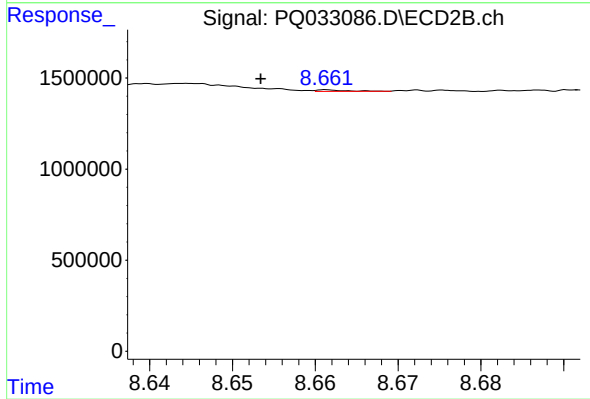
R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 41882
Conc: 0.38 ng/ml



#45 AR-1268-5

R.T.: 10.060 min
Delta R.T.: -0.011 min
Response: 264568
Conc: 0.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.662 min
Delta R.T.: 0.008 min
Response: 19939
Conc: 0.02 ng/ml