

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ063997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 09:14
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 10:51:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 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...	3.477	2.781	148396	38363	0.035	0.010 #
2)	SA Decachlor...	8.676	7.568	634483	947231	0.197	0.202
Target Compounds							
3)	L1 AR-1016-1	4.554	3.794	2259408	169134	16.395	1.343 #
4)	L1 AR-1016-2	4.613	3.814	225707	40204	1.069	0.222 #
5)	L1 AR-1016-3	4.663	3.963	167071	170332	1.254	1.748 #
6)	L1 AR-1016-4	4.788f	4.014	288423	67029	2.743	0.794 #
7)	L1 AR-1016-5	5.056	4.218	752048	359029	7.099	3.590 #
8)	L2 AR-1221-1	3.691f	2.985	585696	137649	10.824	2.671 #
9)	L2 AR-1221-2	3.736	3.059	237621	13320	6.505	0.382 #
10)	L2 AR-1221-3	3.811	3.125	1279882	66678	10.777	0.604 #
11)	L3 AR-1232-1	3.811	3.125	1279882	66678	13.684	0.770 #
12)	L3 AR-1232-2	4.324	3.814	237803	40204	4.528	0.505 #
13)	L3 AR-1232-3	4.613	3.963	225707	170332	2.509	4.114 #
14)	L3 AR-1232-4	4.788f	4.049	288423	285350	6.596	7.857
15)	L3 AR-1232-5	4.817f	4.218	165500	359029	4.949	8.545 #
16)	L4 AR-1242-1	4.554	3.794	2259408	169134	20.051	1.644 #
17)	L4 AR-1242-2	4.613	3.814	225707	40204	1.335	0.272 #
18)	L4 AR-1242-3	4.663	3.963	167071	170332	1.583	2.141 #
19)	L4 AR-1242-4	4.788f	4.049	288423	285350	3.399	3.760
20)	L4 AR-1242-5	5.470	4.556	700902	461633	7.927	4.589 #
21)	L5 AR-1248-1	4.554	3.794	2259408	169134	27.138	2.169 #
22)	L5 AR-1248-2	4.817f	4.014	165500	67029	1.364	0.565 #
23)	L5 AR-1248-3	5.014	4.049	512235	285350	3.538	2.533 #
24)	L5 AR-1248-4	5.427	4.218	361417	359029	2.332	2.608
25)	L5 AR-1248-5	5.470	4.590	700902	649161	4.584	4.835
26)	L6 AR-1254-1	5.412	4.544	505796	480191	3.223	2.471
27)	L6 AR-1254-2	5.621	4.699	256087	395962	1.080	2.273 #
28)	L6 AR-1254-3	5.976	5.086	1010658	533063	4.076	1.991 #
29)	L6 AR-1254-4	6.271	5.310	419400	407175	2.314	2.321
30)	L6 AR-1254-5	6.679	5.709	233640	1250218	1.171	4.904 #
31)	L7 AR-1260-1	6.154	5.214	166027	407334	0.811	2.059 #
32)	L7 AR-1260-2	6.410	5.402	668536	627649	2.768	2.629
33)	L7 AR-1260-3	6.785	5.523	221256	1715817	1.375	7.596 #
34)	L7 AR-1260-4	6.993	5.969f	1212217	1090872	6.571	6.340
35)	L7 AR-1260-5	7.291	6.246	1175059	2246493	3.306	5.629 #
36)	L8 AR-1262-1	6.785	5.827	221256	3213961	0.847	29.357 #
37)	L8 AR-1262-2	7.291	5.969f	1175059	1090872	2.763	4.416 #
38)	L8 AR-1262-3	7.573	6.516	1243794	-234836	4.341	N.D. #
39)	L8 AR-1262-4	7.632	6.602	532203	521585	2.319	1.400 #
40)	L8 AR-1262-5	8.148	7.076	696253	950807	4.888	5.259
41)	L9 AR-1268-1	7.573	6.516	1243794	-234836	2.515	N.D. #

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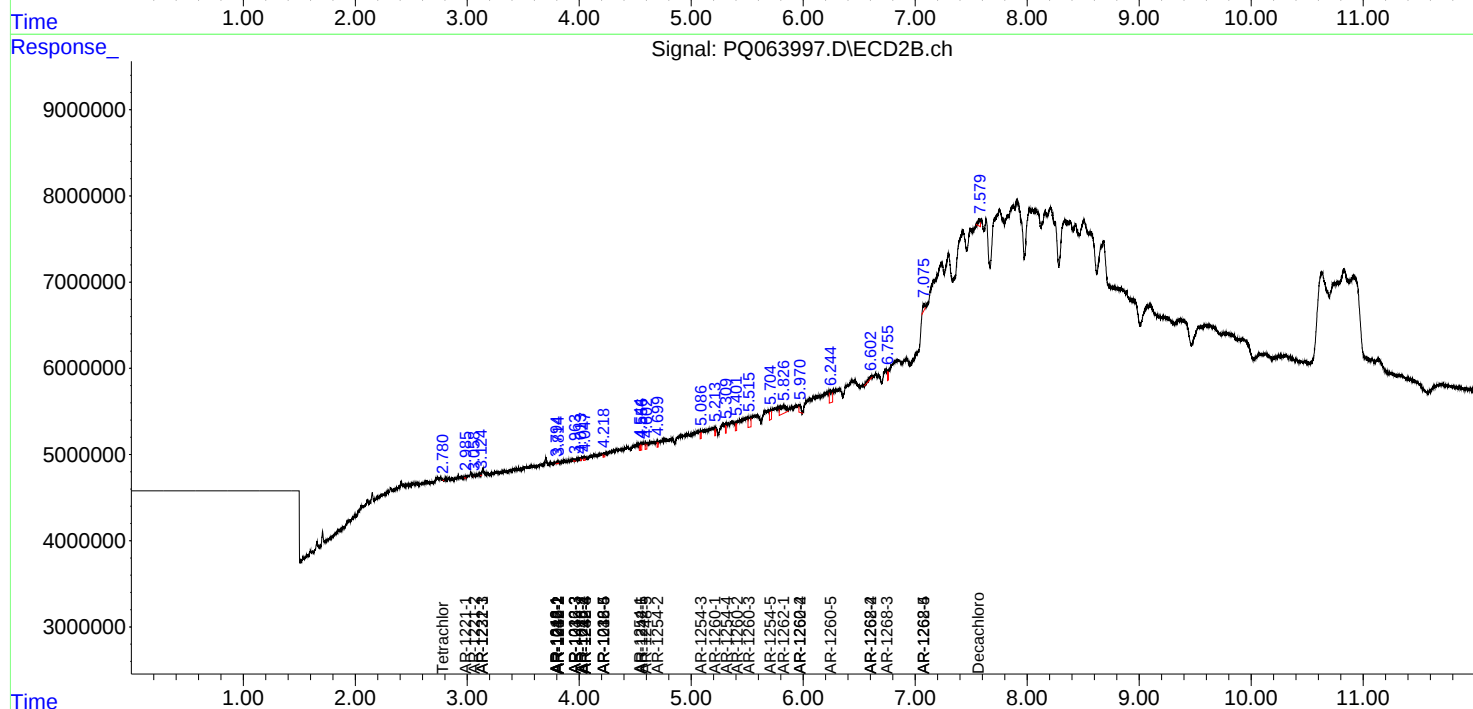
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

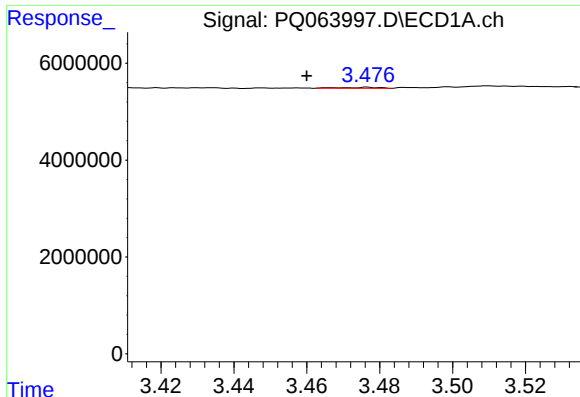
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.632	6.602	532203	521585	1.188	1.005
43) L9	AR-1268-3	7.831	6.756 ^f	2957852	501568	7.582	1.082 #
44) L9	AR-1268-4	8.148	7.076	696253	950807	4.454	4.868
45) L9	AR-1268-5	8.446	7.348	242968	-250886	0.215	N.D. #

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

Instrument :
ECD_Q
ClientSampleId :

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

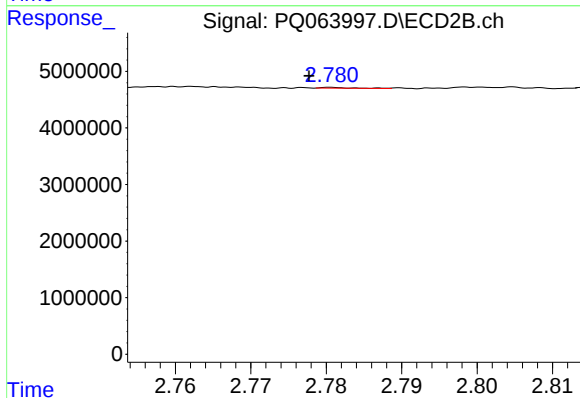




#1 Tetrachloro-m-xylene

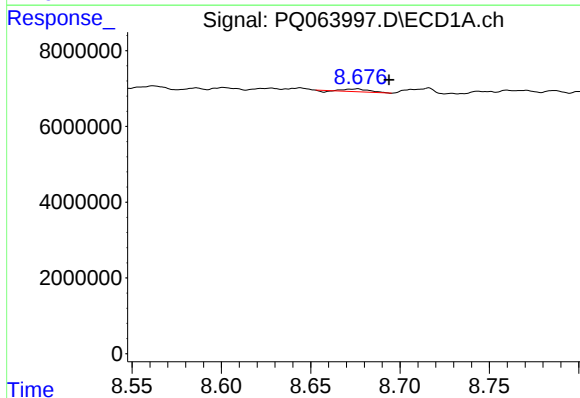
R.T.: 3.477 min
Delta R.T.: 0.017 min
Response: 148396
Conc: 0.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



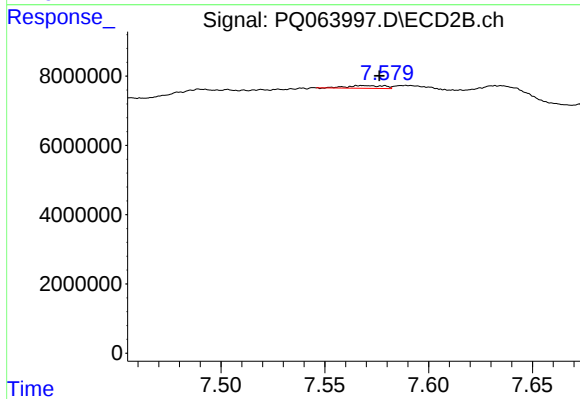
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.003 min
Response: 38363
Conc: 0.01 ng/ml



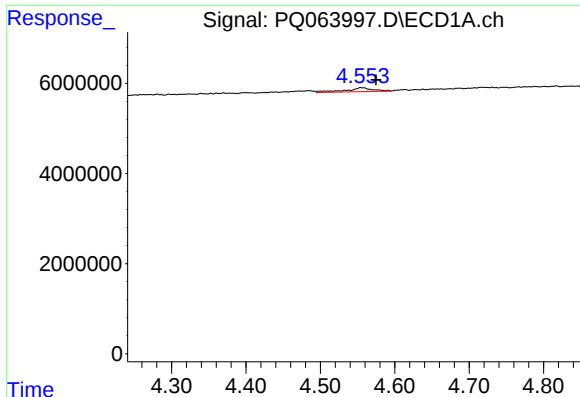
#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.018 min
Response: 634483
Conc: 0.20 ng/ml



#2 Decachlorobiphenyl

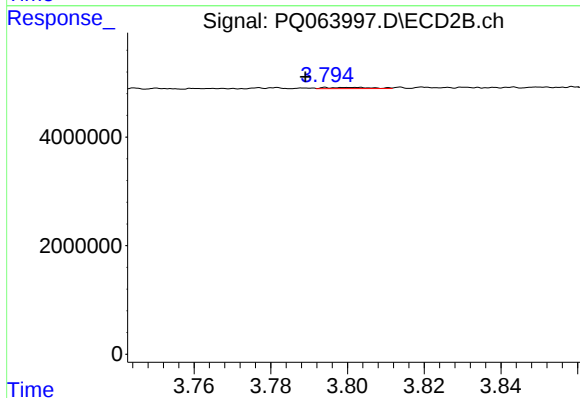
R.T.: 7.568 min
Delta R.T.: -0.008 min
Response: 947231
Conc: 0.20 ng/ml



#3 AR-1016-1

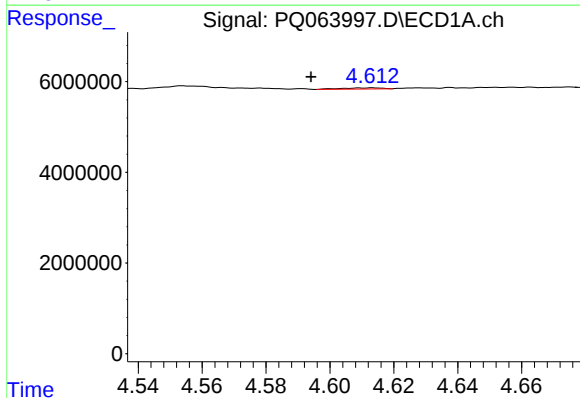
R.T.: 4.554 min
Delta R.T.: -0.021 min
Response: 2259408
Conc: 16.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



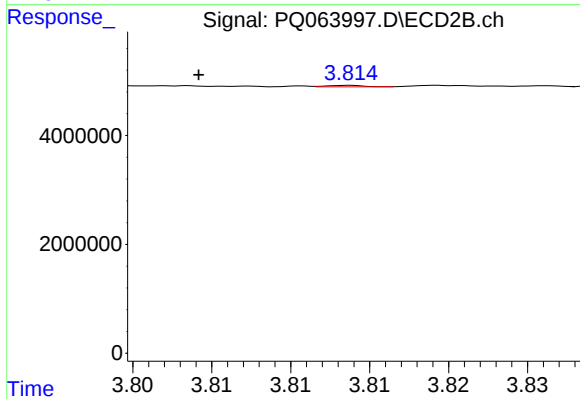
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: 0.005 min
Response: 169134
Conc: 1.34 ng/ml



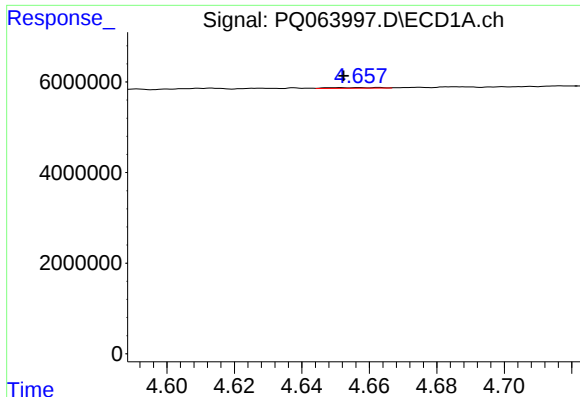
#4 AR-1016-2

R.T.: 4.613 min
Delta R.T.: 0.019 min
Response: 225707
Conc: 1.07 ng/ml



#4 AR-1016-2

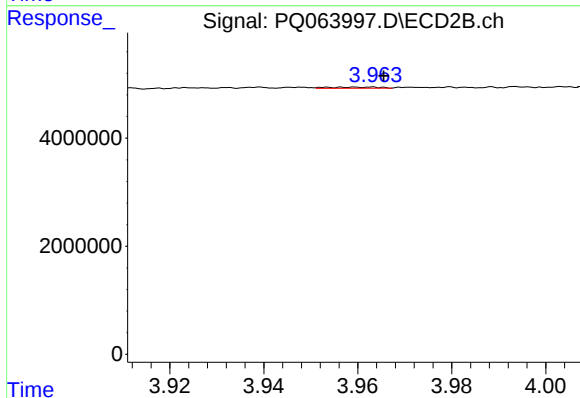
R.T.: 3.814 min
Delta R.T.: 0.010 min
Response: 40204
Conc: 0.22 ng/ml



#5 AR-1016-3

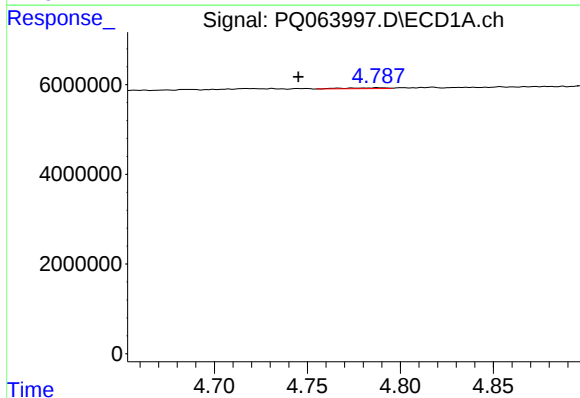
R.T.: 4.663 min
Delta R.T.: 0.010 min
Response: 167071
Conc: 1.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



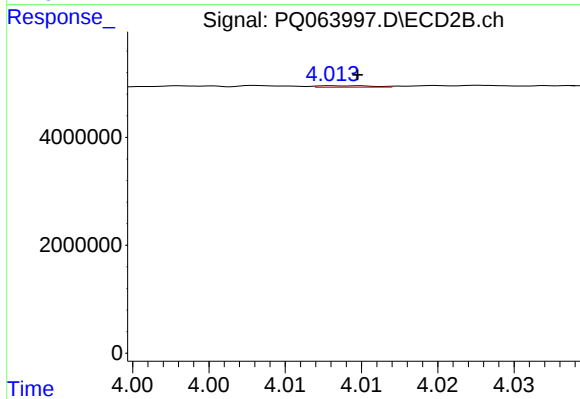
#5 AR-1016-3

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 170332
Conc: 1.75 ng/ml



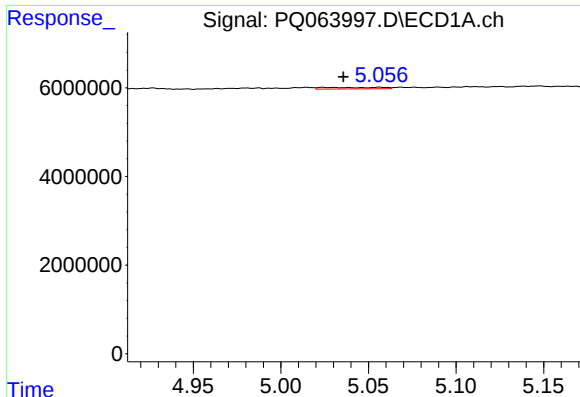
#6 AR-1016-4

R.T.: 4.788 min
Delta R.T.: 0.042 min
Response: 288423
Conc: 2.74 ng/ml



#6 AR-1016-4

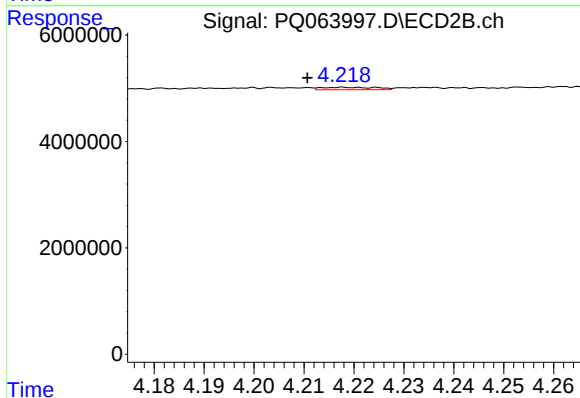
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 67029
Conc: 0.79 ng/ml



#7 AR-1016-5

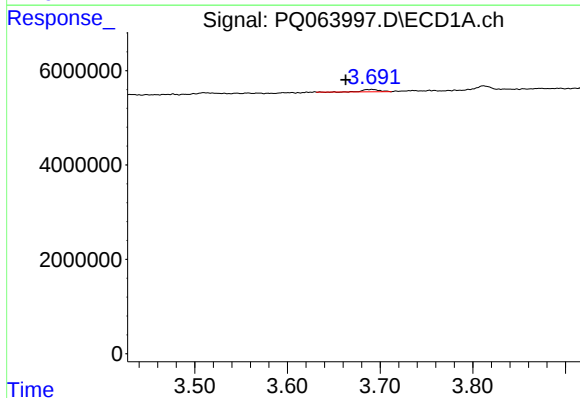
R.T.: 5.056 min
Delta R.T.: 0.021 min
Response: 752048
Conc: 7.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



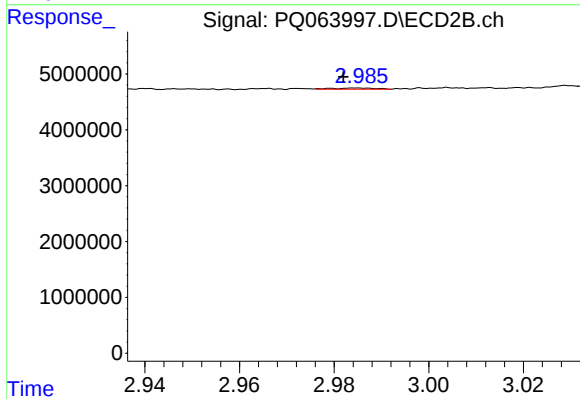
#7 AR-1016-5

R.T.: 4.218 min
Delta R.T.: 0.007 min
Response: 359029
Conc: 3.59 ng/ml



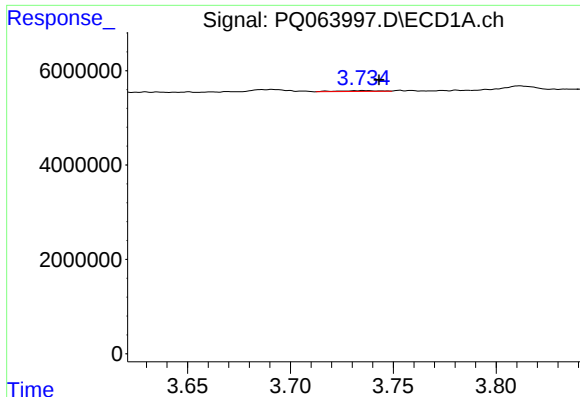
#8 AR-1221-1

R.T.: 3.691 min
Delta R.T.: 0.028 min
Response: 585696
Conc: 10.82 ng/ml



#8 AR-1221-1

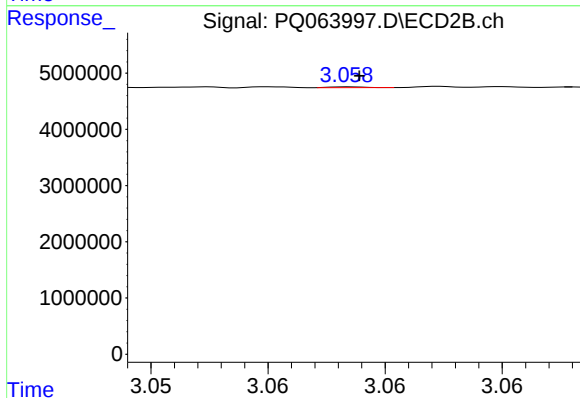
R.T.: 2.985 min
Delta R.T.: 0.003 min
Response: 137649
Conc: 2.67 ng/ml



#9 AR-1221-2

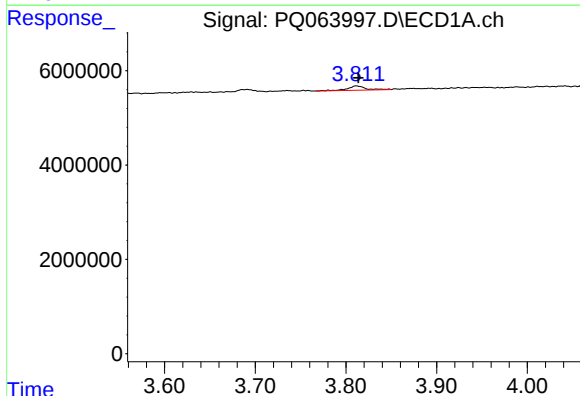
R.T.: 3.736 min
Delta R.T.: -0.008 min
Response: 237621
Conc: 6.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



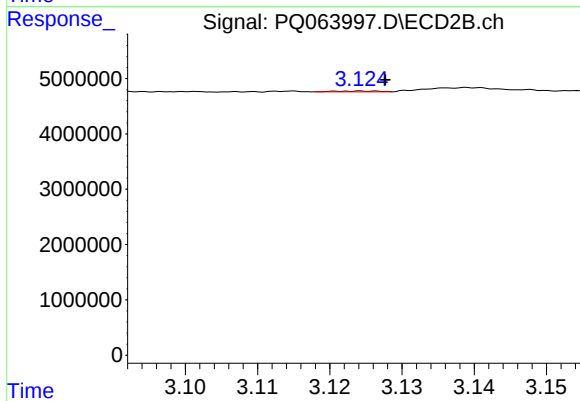
#9 AR-1221-2

R.T.: 3.059 min
Delta R.T.: 0.000 min
Response: 13320
Conc: 0.38 ng/ml



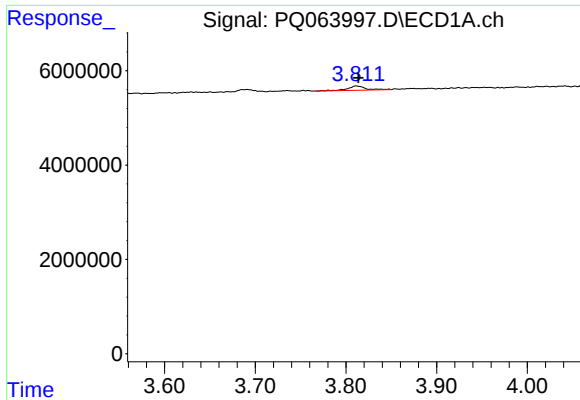
#10 AR-1221-3

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 1279882
Conc: 10.78 ng/ml



#10 AR-1221-3

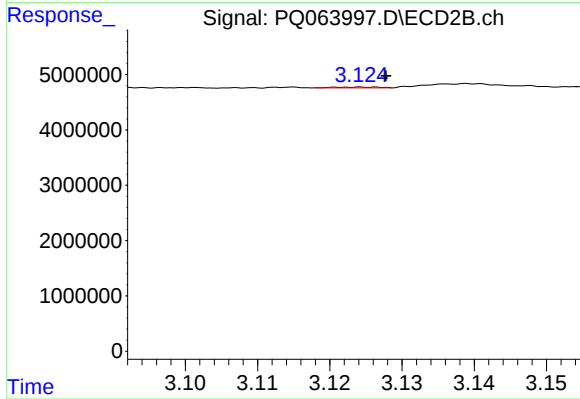
R.T.: 3.125 min
Delta R.T.: -0.003 min
Response: 66678
Conc: 0.60 ng/ml



#11 AR-1232-1

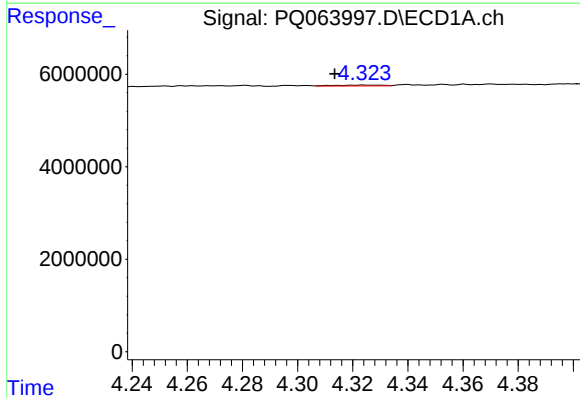
R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 1279882
Conc: 13.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



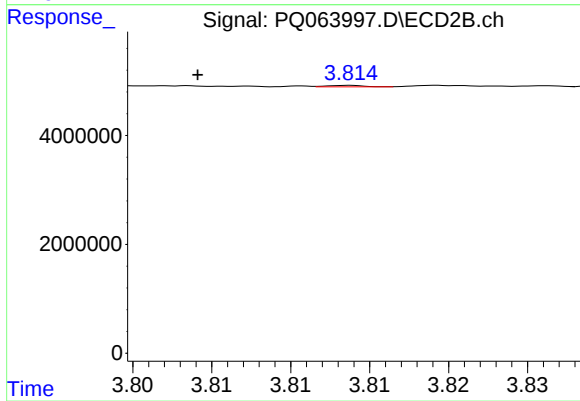
#11 AR-1232-1

R.T.: 3.125 min
Delta R.T.: -0.003 min
Response: 66678
Conc: 0.77 ng/ml



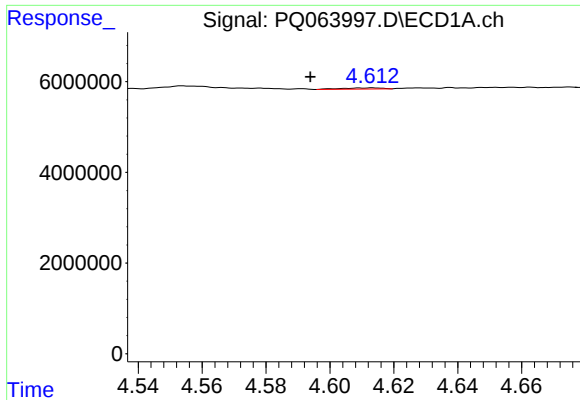
#12 AR-1232-2

R.T.: 4.324 min
Delta R.T.: 0.010 min
Response: 237803
Conc: 4.53 ng/ml



#12 AR-1232-2

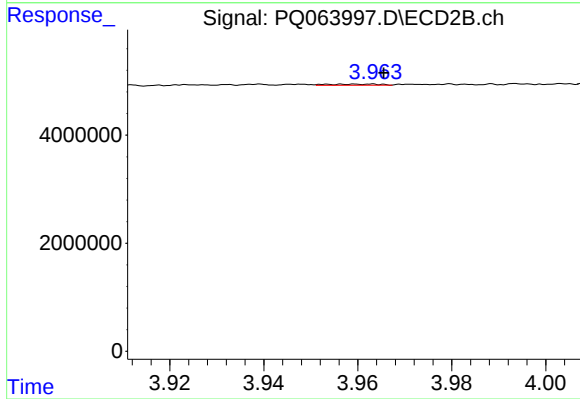
R.T.: 3.814 min
Delta R.T.: 0.010 min
Response: 40204
Conc: 0.51 ng/ml



#13 AR-1232-3

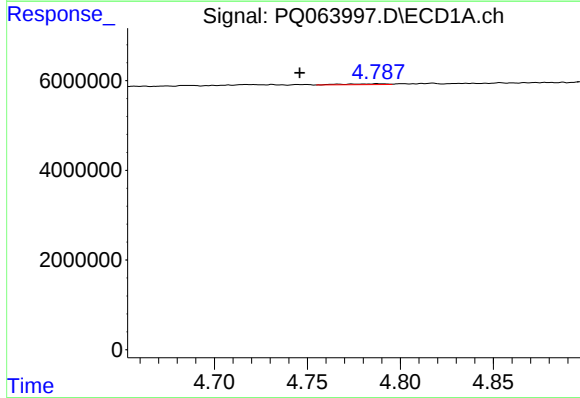
R.T.: 4.613 min
Delta R.T.: 0.020 min
Response: 225707
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



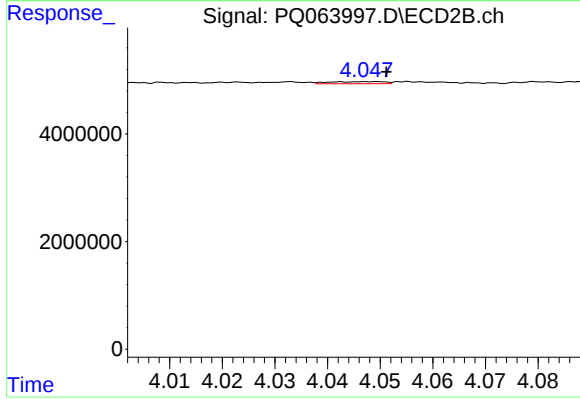
#13 AR-1232-3

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 170332
Conc: 4.11 ng/ml



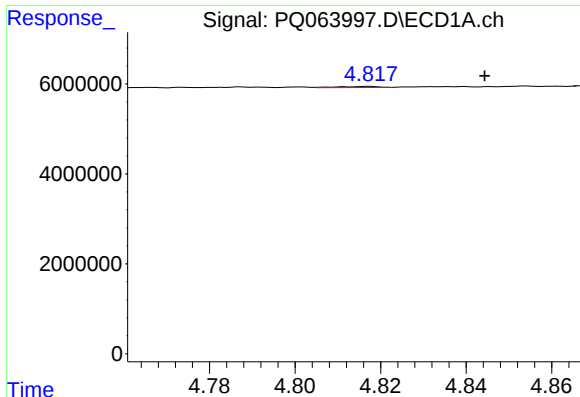
#14 AR-1232-4

R.T.: 4.788 min
Delta R.T.: 0.042 min
Response: 288423
Conc: 6.60 ng/ml



#14 AR-1232-4

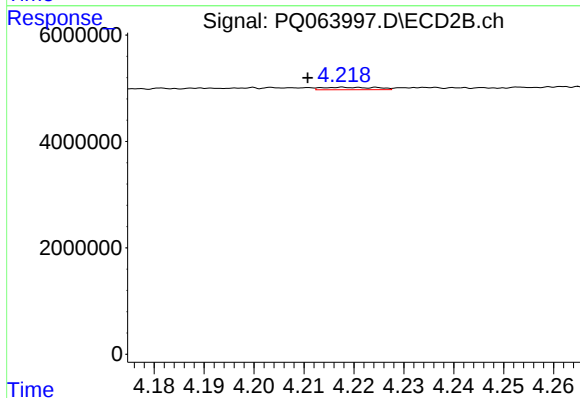
R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 285350
Conc: 7.86 ng/ml



#15 AR-1232-5

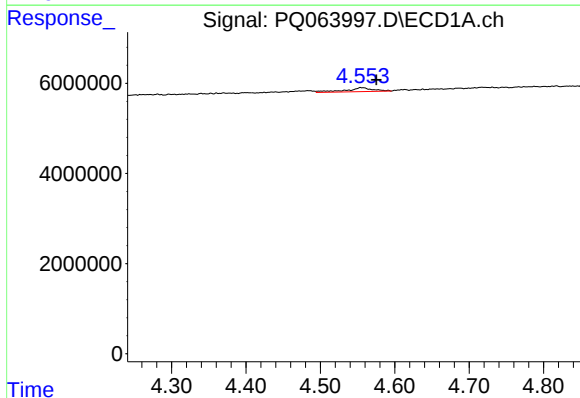
R.T.: 4.817 min
Delta R.T.: -0.027 min
Response: 165500
Conc: 4.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



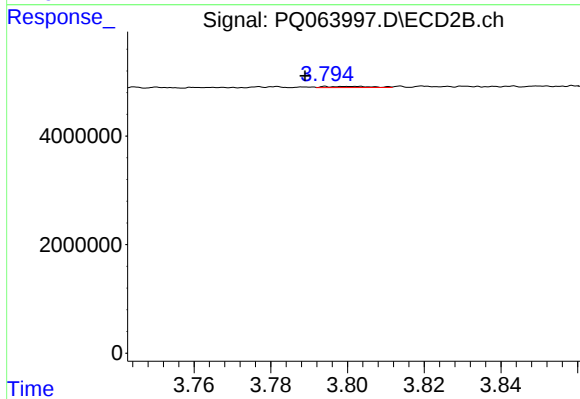
#15 AR-1232-5

R.T.: 4.218 min
Delta R.T.: 0.007 min
Response: 359029
Conc: 8.54 ng/ml



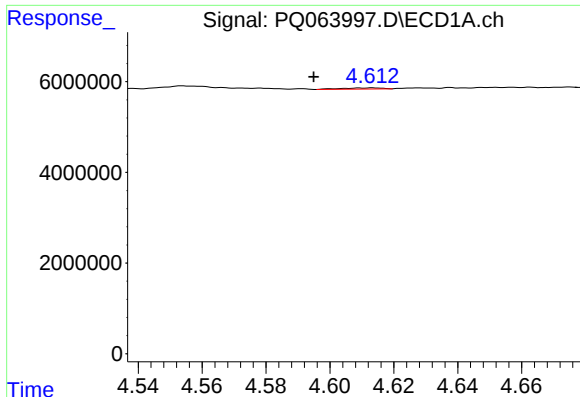
#16 AR-1242-1

R.T.: 4.554 min
Delta R.T.: -0.021 min
Response: 2259408
Conc: 20.05 ng/ml



#16 AR-1242-1

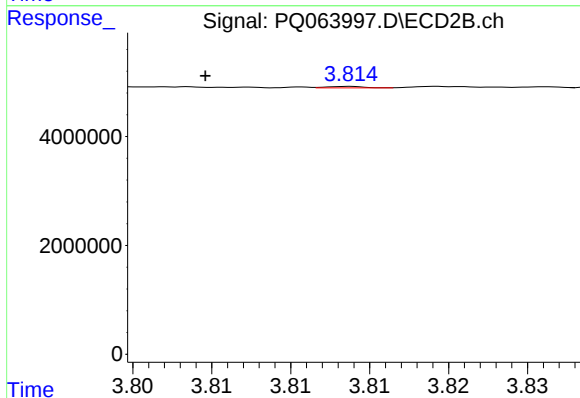
R.T.: 3.794 min
Delta R.T.: 0.005 min
Response: 169134
Conc: 1.64 ng/ml



#17 AR-1242-2

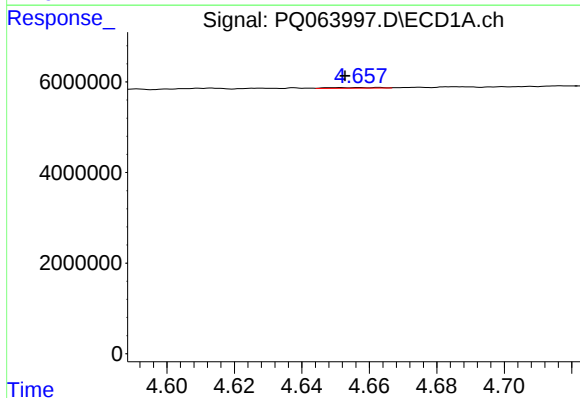
R.T.: 4.613 min
Delta R.T.: 0.018 min
Response: 225707
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



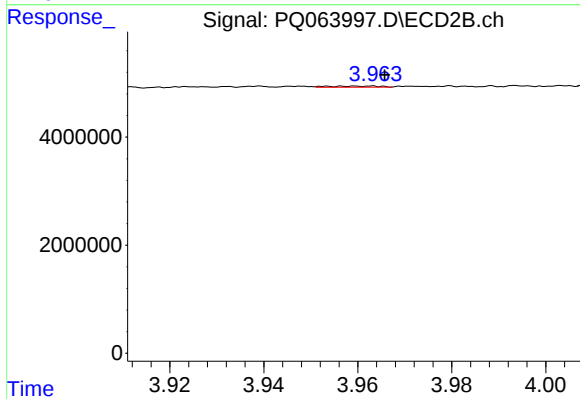
#17 AR-1242-2

R.T.: 3.814 min
Delta R.T.: 0.009 min
Response: 40204
Conc: 0.27 ng/ml



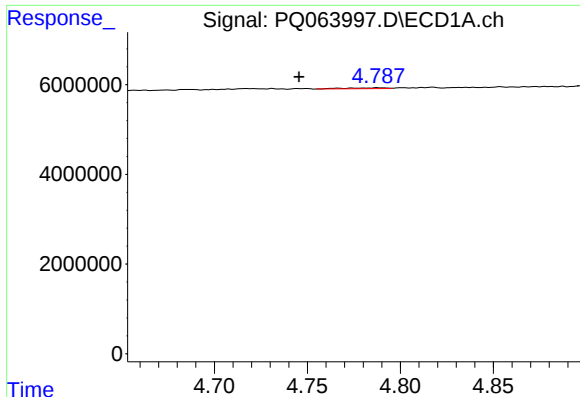
#18 AR-1242-3

R.T.: 4.663 min
Delta R.T.: 0.010 min
Response: 167071
Conc: 1.58 ng/ml



#18 AR-1242-3

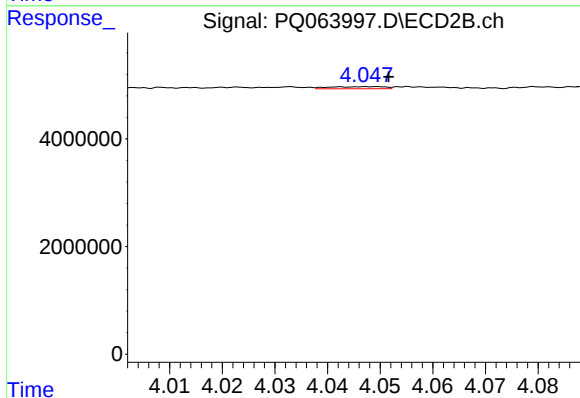
R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 170332
Conc: 2.14 ng/ml



#19 AR-1242-4

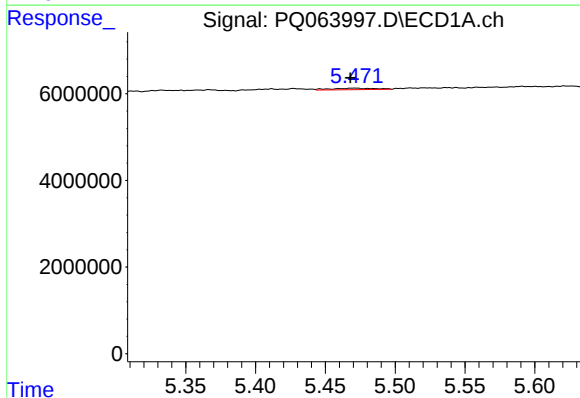
R.T.: 4.788 min
Delta R.T.: 0.042 min
Response: 288423
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



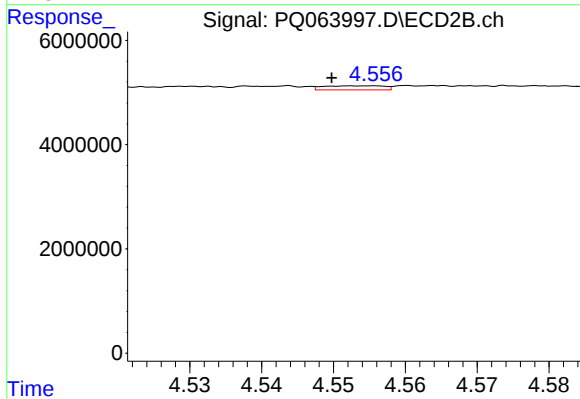
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 285350
Conc: 3.76 ng/ml



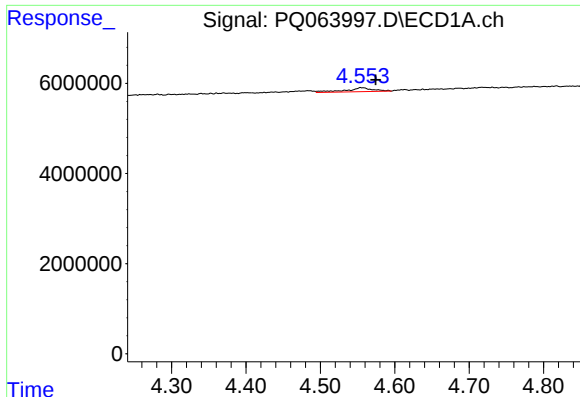
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: 0.003 min
Response: 700902
Conc: 7.93 ng/ml



#20 AR-1242-5

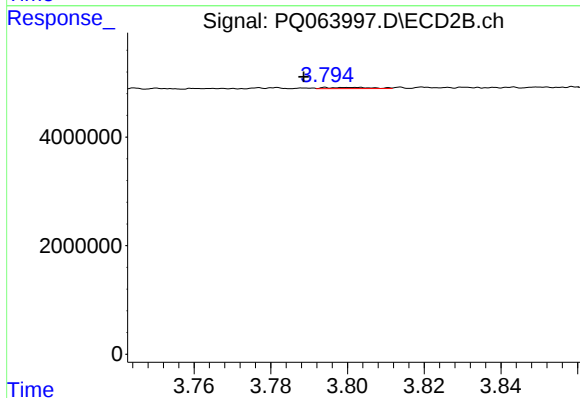
R.T.: 4.556 min
Delta R.T.: 0.006 min
Response: 461633
Conc: 4.59 ng/ml



#21 AR-1248-1

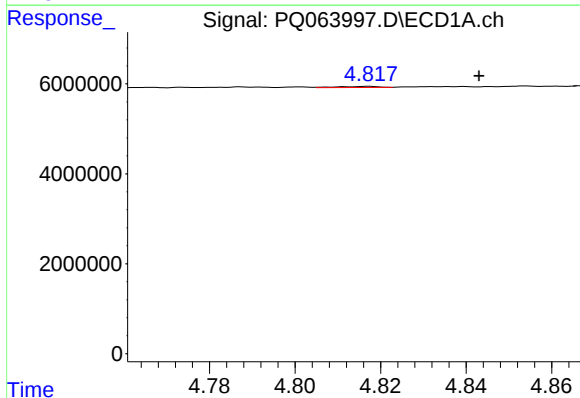
R.T.: 4.554 min
Delta R.T.: -0.020 min
Response: 2259408
Conc: 27.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



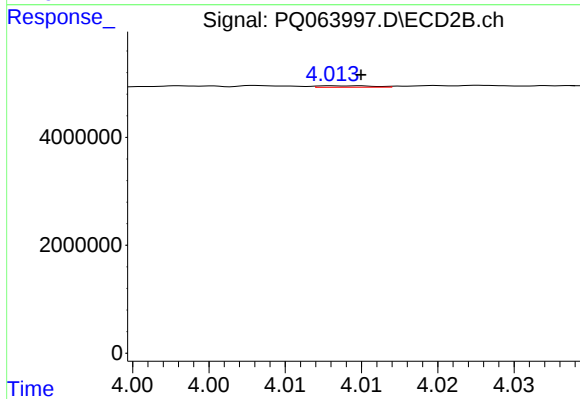
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: 0.006 min
Response: 169134
Conc: 2.17 ng/ml



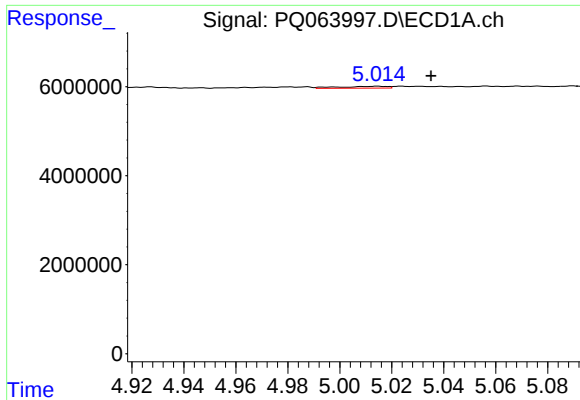
#22 AR-1248-2

R.T.: 4.817 min
Delta R.T.: -0.026 min
Response: 165500
Conc: 1.36 ng/ml



#22 AR-1248-2

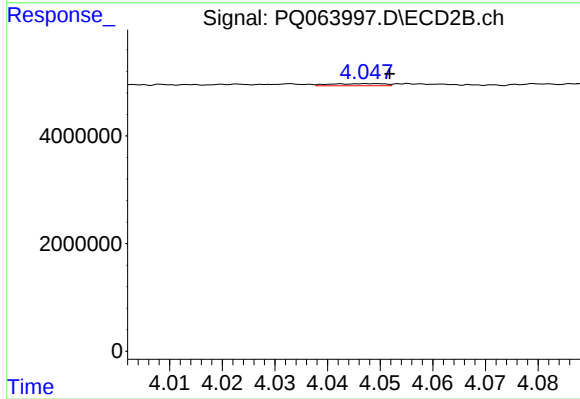
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 67029
Conc: 0.57 ng/ml



#23 AR-1248-3

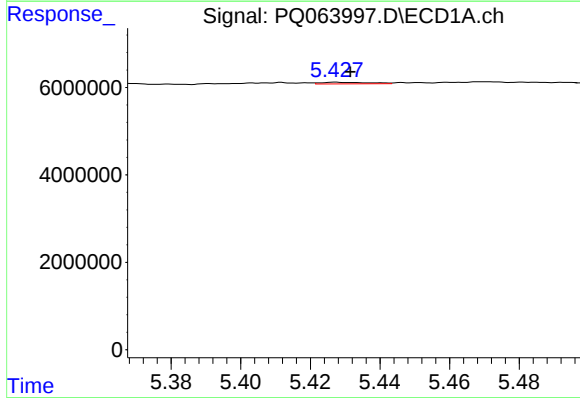
R.T.: 5.014 min
Delta R.T.: -0.021 min
Response: 512235
Conc: 3.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



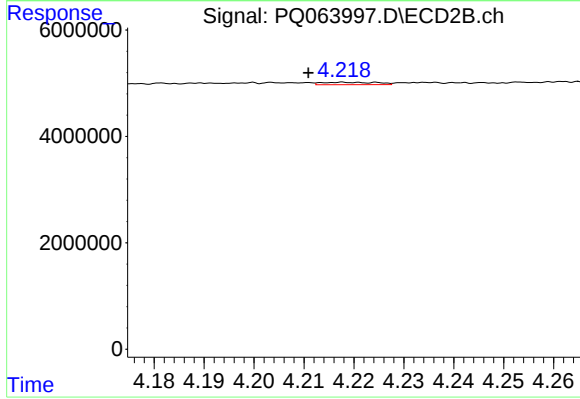
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 285350
Conc: 2.53 ng/ml



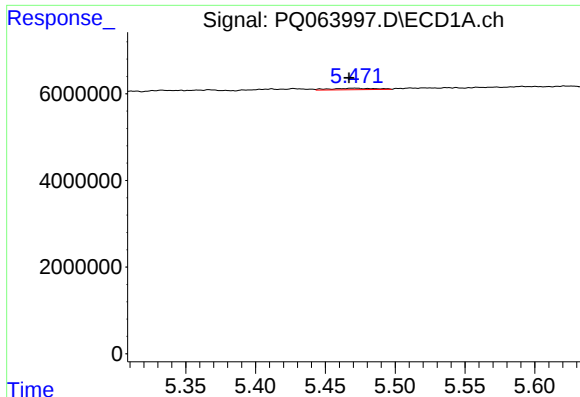
#24 AR-1248-4

R.T.: 5.427 min
Delta R.T.: -0.004 min
Response: 361417
Conc: 2.33 ng/ml



#24 AR-1248-4

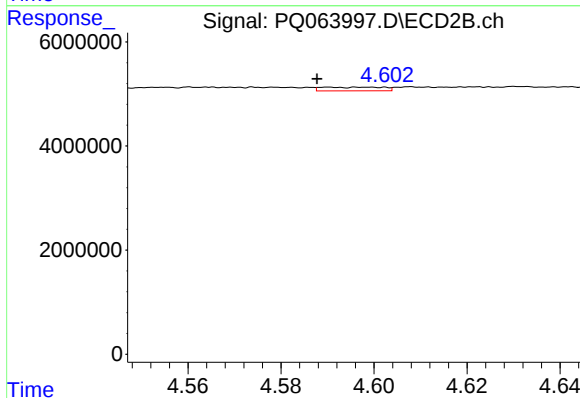
R.T.: 4.218 min
Delta R.T.: 0.007 min
Response: 359029
Conc: 2.61 ng/ml



#25 AR-1248-5

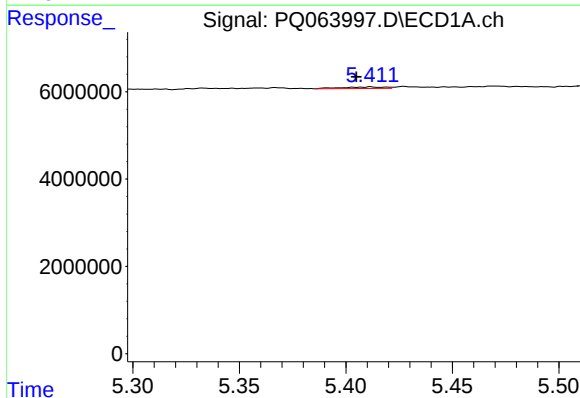
R.T.: 5.470 min
Delta R.T.: 0.003 min
Response: 700902
Conc: 4.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



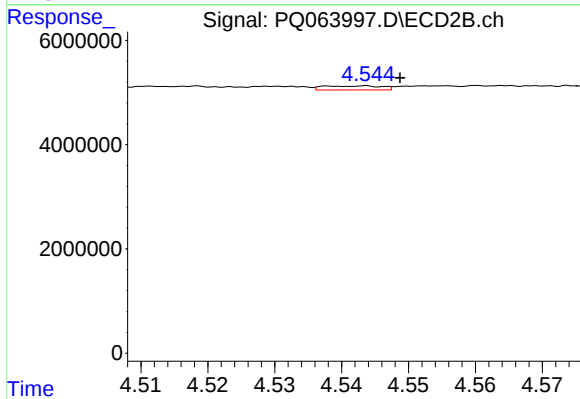
#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: 0.002 min
Response: 649161
Conc: 4.83 ng/ml



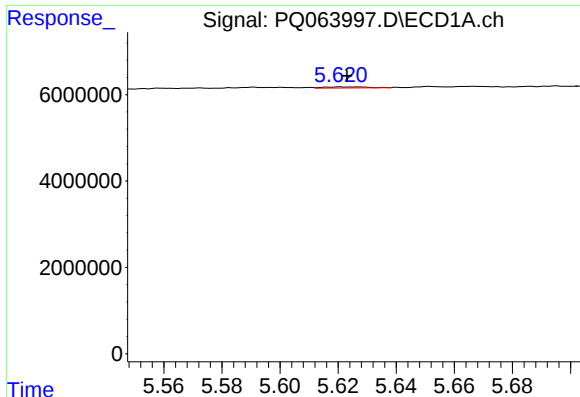
#26 AR-1254-1

R.T.: 5.412 min
Delta R.T.: 0.007 min
Response: 505796
Conc: 3.22 ng/ml



#26 AR-1254-1

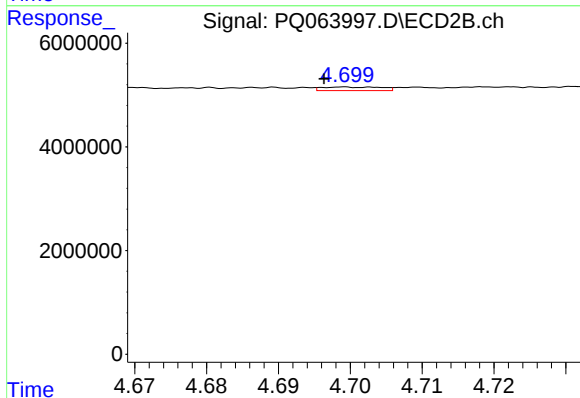
R.T.: 4.544 min
Delta R.T.: -0.005 min
Response: 480191
Conc: 2.47 ng/ml



#27 AR-1254-2

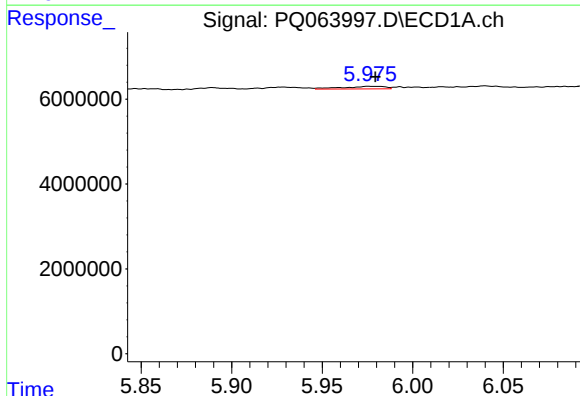
R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 256087
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



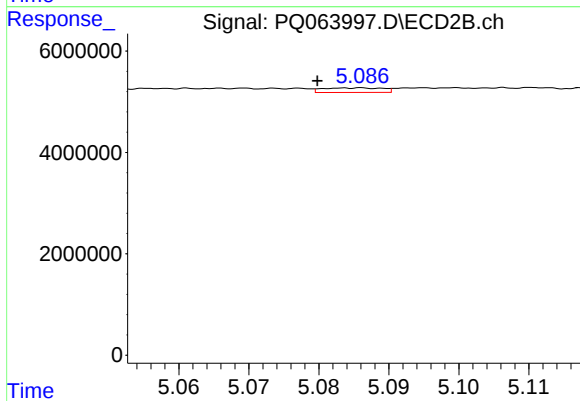
#27 AR-1254-2

R.T.: 4.699 min
Delta R.T.: 0.003 min
Response: 395962
Conc: 2.27 ng/ml



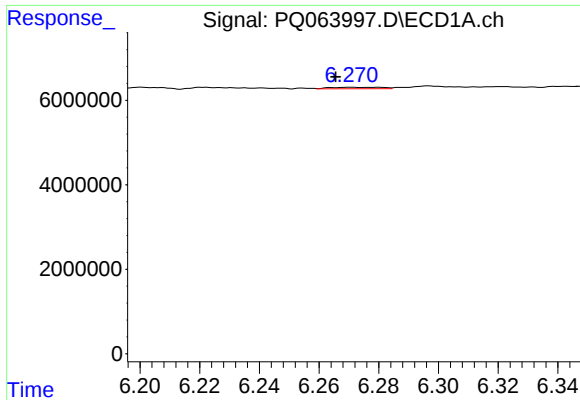
#28 AR-1254-3

R.T.: 5.976 min
Delta R.T.: -0.003 min
Response: 1010658
Conc: 4.08 ng/ml



#28 AR-1254-3

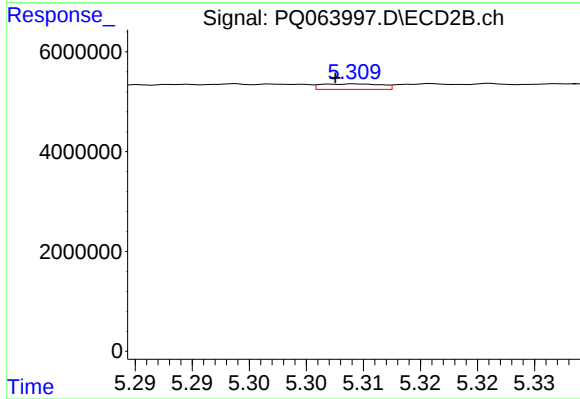
R.T.: 5.086 min
Delta R.T.: 0.006 min
Response: 533063
Conc: 1.99 ng/ml



#29 AR-1254-4

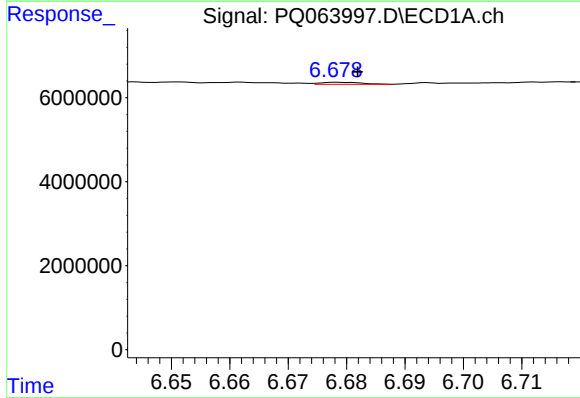
R.T.: 6.271 min
Delta R.T.: 0.005 min
Response: 419400
Conc: 2.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



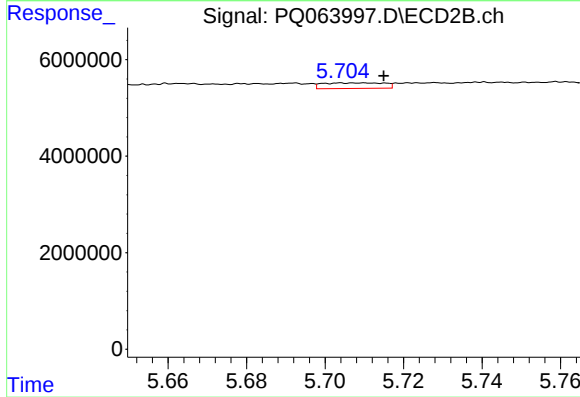
#29 AR-1254-4

R.T.: 5.310 min
Delta R.T.: 0.002 min
Response: 407175
Conc: 2.32 ng/ml



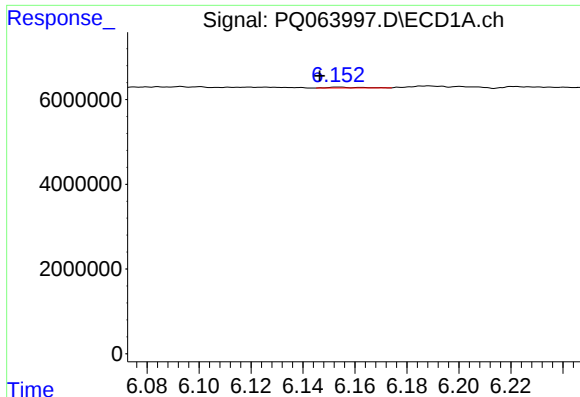
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 233640
Conc: 1.17 ng/ml



#30 AR-1254-5

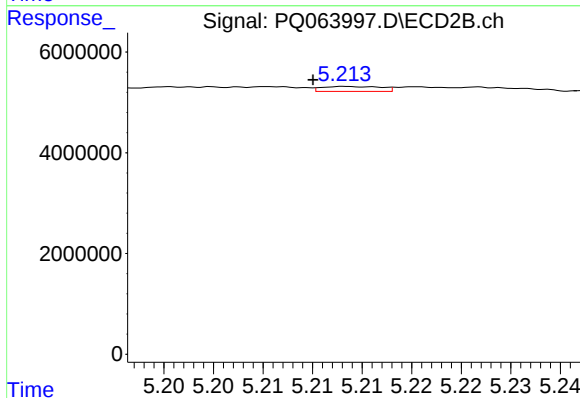
R.T.: 5.709 min
Delta R.T.: -0.006 min
Response: 1250218
Conc: 4.90 ng/ml



#31 AR-1260-1

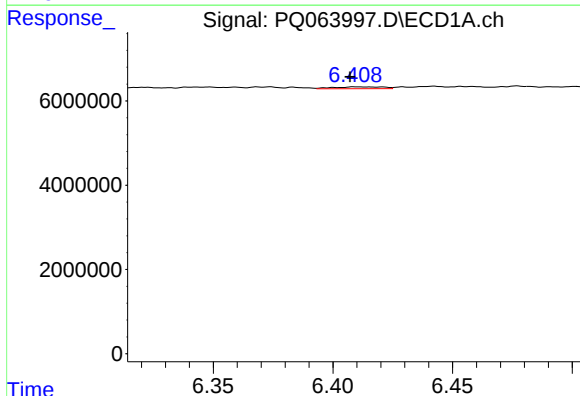
R.T.: 6.154 min
Delta R.T.: 0.007 min
Response: 166027
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



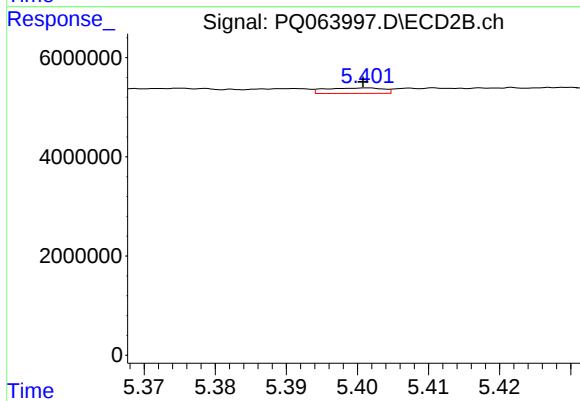
#31 AR-1260-1

R.T.: 5.214 min
Delta R.T.: 0.004 min
Response: 407334
Conc: 2.06 ng/ml



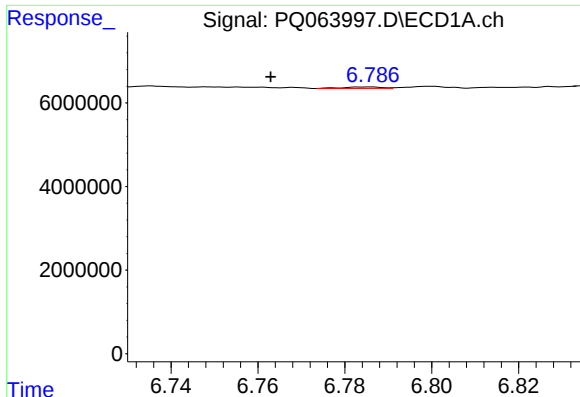
#32 AR-1260-2

R.T.: 6.410 min
Delta R.T.: 0.002 min
Response: 668536
Conc: 2.77 ng/ml



#32 AR-1260-2

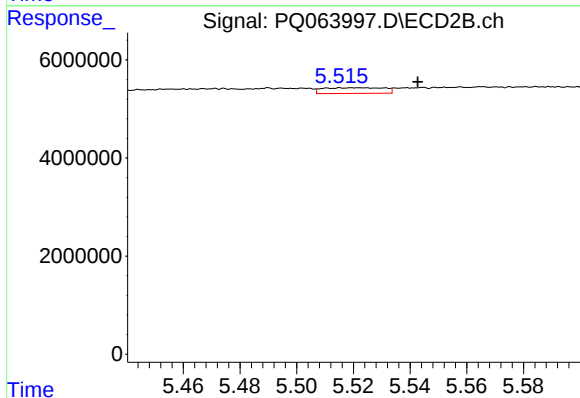
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 627649
Conc: 2.63 ng/ml



#33 AR-1260-3

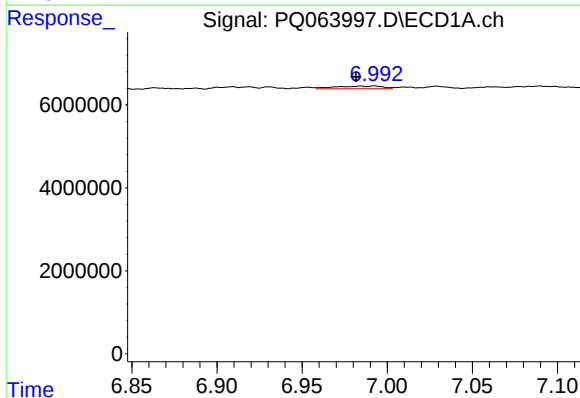
R.T.: 6.785 min
Delta R.T.: 0.022 min
Response: 221256
Conc: 1.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



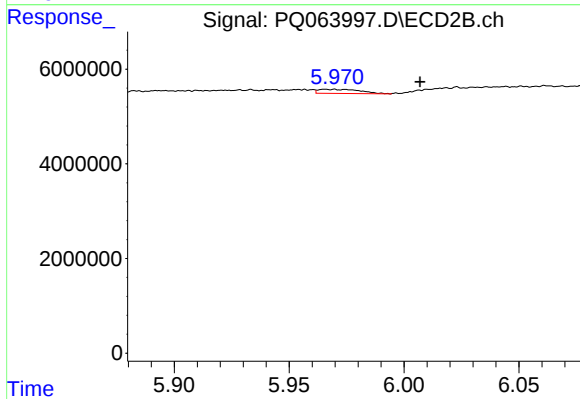
#33 AR-1260-3

R.T.: 5.523 min
Delta R.T.: -0.020 min
Response: 1715817
Conc: 7.60 ng/ml



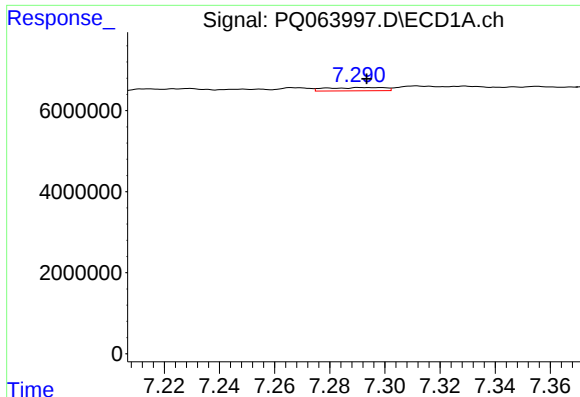
#34 AR-1260-4

R.T.: 6.993 min
Delta R.T.: 0.011 min
Response: 1212217
Conc: 6.57 ng/ml



#34 AR-1260-4

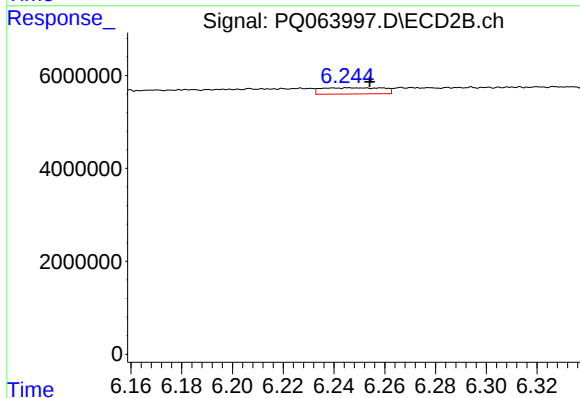
R.T.: 5.969 min
Delta R.T.: -0.038 min
Response: 1090872
Conc: 6.34 ng/ml



#35 AR-1260-5

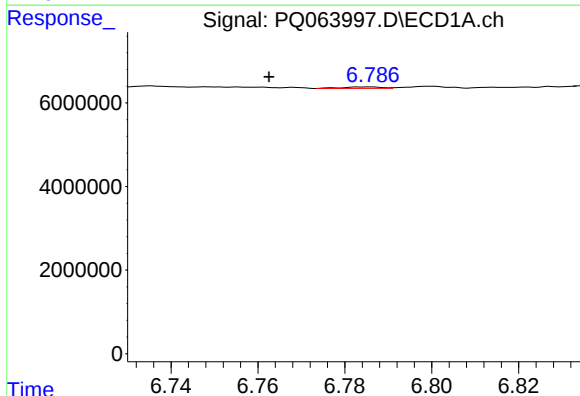
R.T.: 7.291 min
Delta R.T.: -0.002 min
Response: 1175059
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



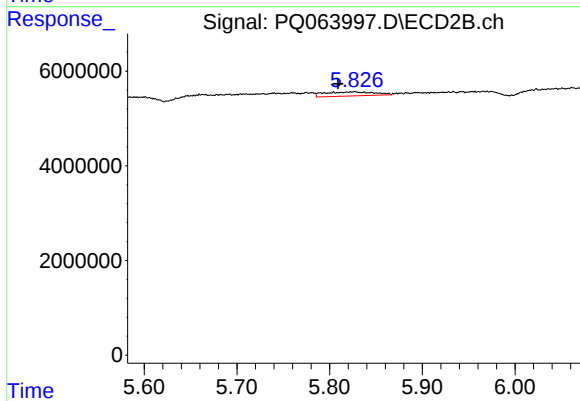
#35 AR-1260-5

R.T.: 6.246 min
Delta R.T.: -0.008 min
Response: 2246493
Conc: 5.63 ng/ml



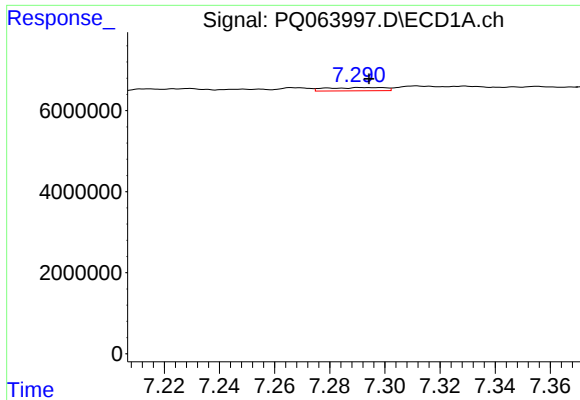
#36 AR-1262-1

R.T.: 6.785 min
Delta R.T.: 0.022 min
Response: 221256
Conc: 0.85 ng/ml



#36 AR-1262-1

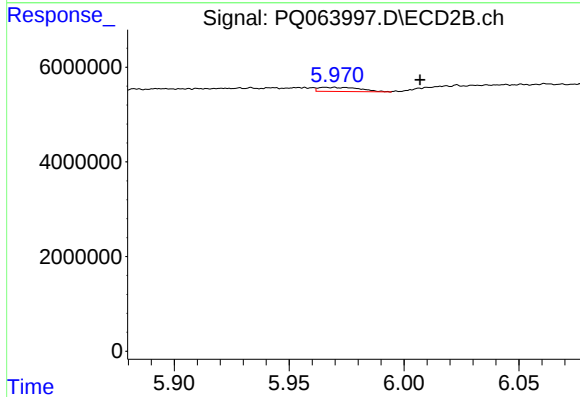
R.T.: 5.827 min
Delta R.T.: 0.018 min
Response: 3213961
Conc: 29.36 ng/ml



#37 AR-1262-2

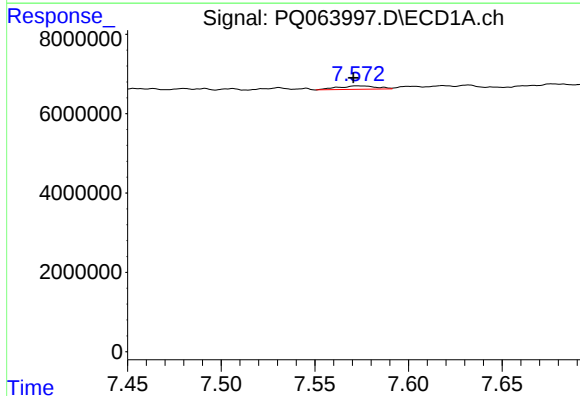
R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 1175059
Conc: 2.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



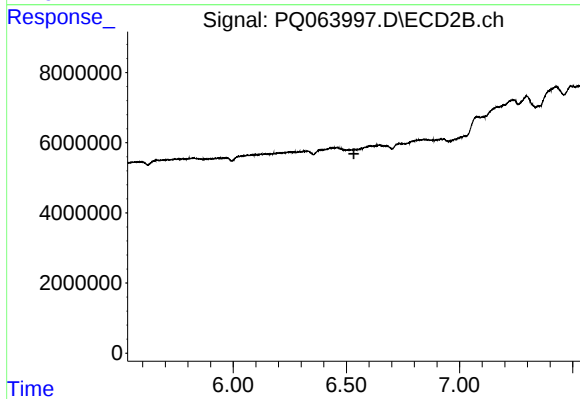
#37 AR-1262-2

R.T.: 5.969 min
Delta R.T.: -0.038 min
Response: 1090872
Conc: 4.42 ng/ml



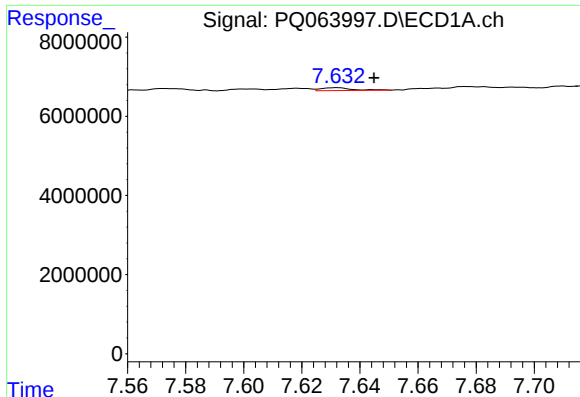
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.002 min
Response: 1243794
Conc: 4.34 ng/ml



#38 AR-1262-3

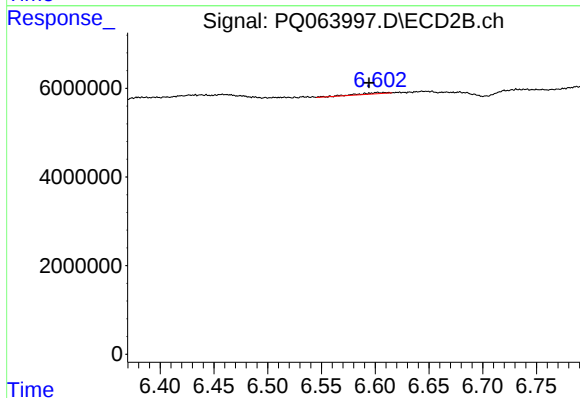
R.T.: 6.516 min
Delta R.T.: -0.018 min
Response: -234836
Conc: N.D.



#39 AR-1262-4

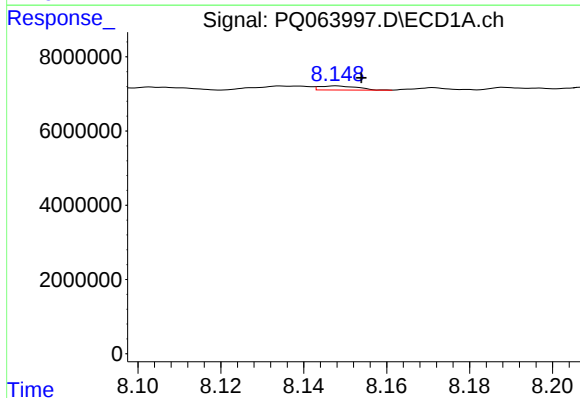
R.T.: 7.632 min
Delta R.T.: -0.013 min
Response: 532203
Conc: 2.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



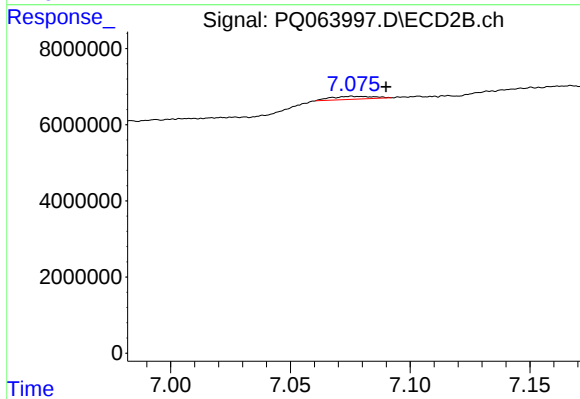
#39 AR-1262-4

R.T.: 6.602 min
Delta R.T.: 0.008 min
Response: 521585
Conc: 1.40 ng/ml



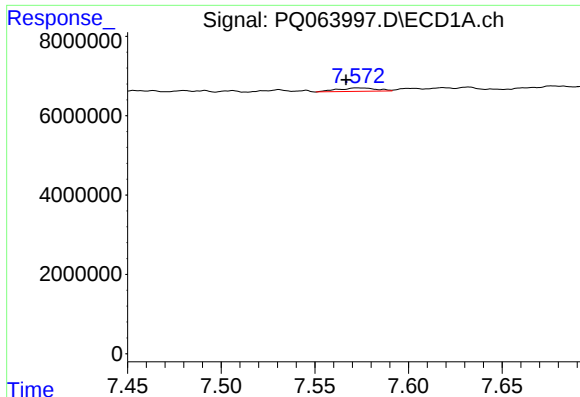
#40 AR-1262-5

R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 696253
Conc: 4.89 ng/ml



#40 AR-1262-5

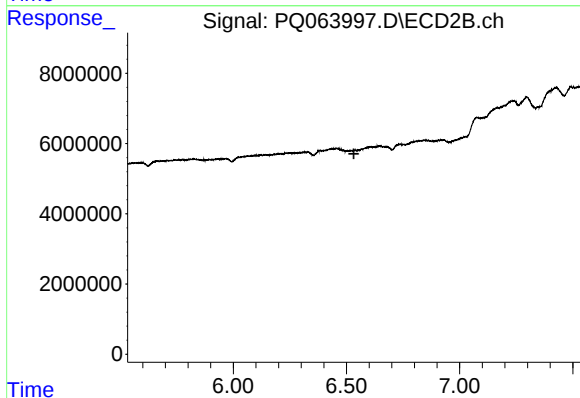
R.T.: 7.076 min
Delta R.T.: -0.014 min
Response: 950807
Conc: 5.26 ng/ml



#41 AR-1268-1

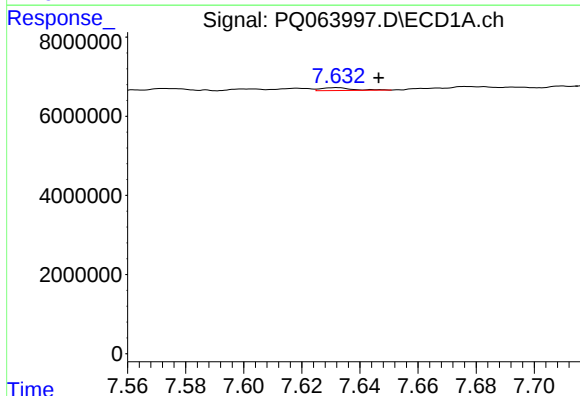
R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 1243794
Conc: 2.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



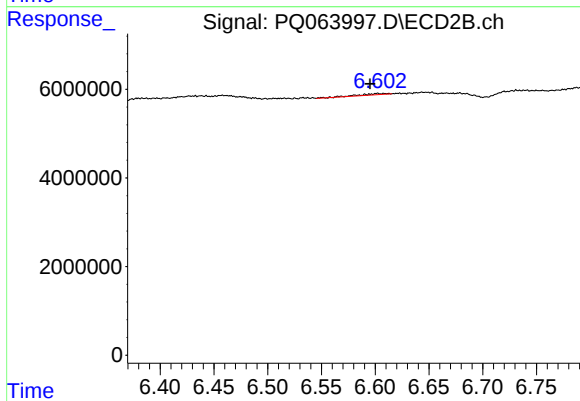
#41 AR-1268-1

R.T.: 6.516 min
Delta R.T.: -0.017 min
Response: -234836
Conc: N.D.



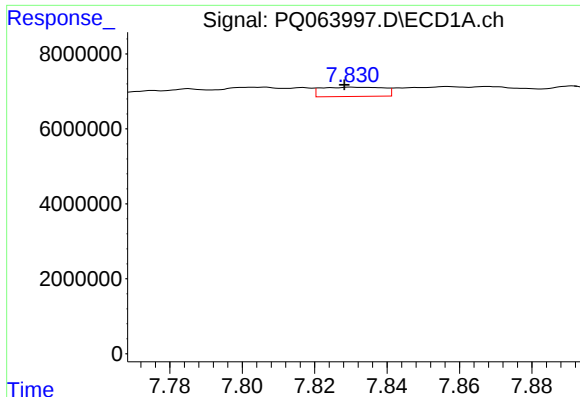
#42 AR-1268-2

R.T.: 7.632 min
Delta R.T.: -0.015 min
Response: 532203
Conc: 1.19 ng/ml



#42 AR-1268-2

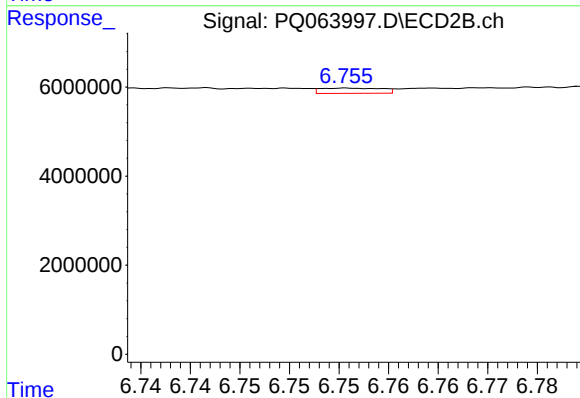
R.T.: 6.602 min
Delta R.T.: 0.007 min
Response: 521585
Conc: 1.00 ng/ml



#43 AR-1268-3

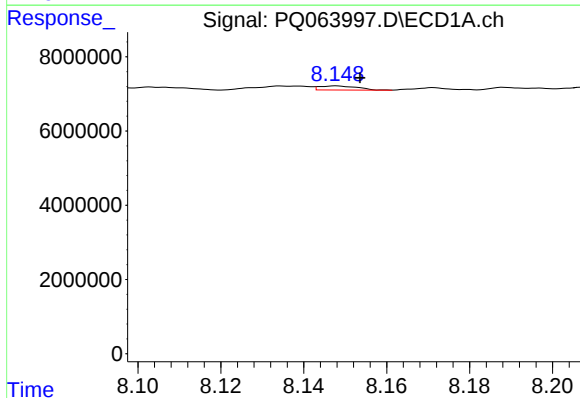
R.T.: 7.831 min
Delta R.T.: 0.002 min
Response: 2957852
Conc: 7.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



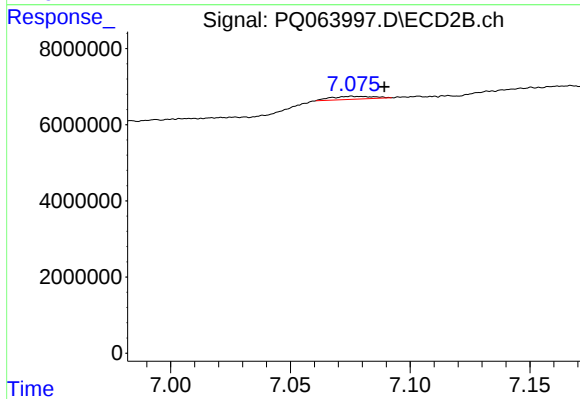
#43 AR-1268-3

R.T.: 6.756 min
Delta R.T.: -0.041 min
Response: 501568
Conc: 1.08 ng/ml



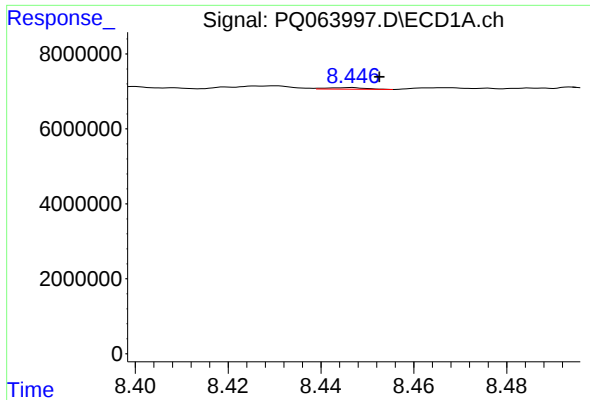
#44 AR-1268-4

R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 696253
Conc: 4.45 ng/ml



#44 AR-1268-4

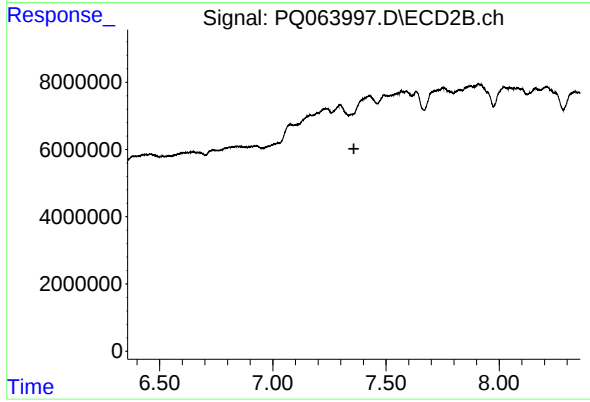
R.T.: 7.076 min
Delta R.T.: -0.013 min
Response: 950807
Conc: 4.87 ng/ml



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: -0.007 min
Response: 242968
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.348 min
Delta R.T.: -0.010 min
Response: -250886
Conc: N.D.