

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082123\
 Data File : PQ063107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 10:34
 Operator : YP\AJ
 Sample : PB154947BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:29:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.453	2.784	116.4E6	89017516	21.665	21.584
2)	SA Decachlor...	8.687	7.591	102.1E6	101.6E6	26.369	23.492
Target Compounds							
3)	L1 AR-1016-1	4.580	3.794	162181	89711	0.834	0.563 #
4)	L1 AR-1016-2	4.580	3.813	162181	97202	0.584	0.455
5)	L1 AR-1016-3	4.644	3.974	823857	59192	4.818	0.495 #
6)	L1 AR-1016-4	4.740	4.025	127137	55561	0.903	0.573 #
7)	L1 AR-1016-5	5.019	4.219	139074	95324	1.011	0.758 #
8)	L2 AR-1221-1	3.664	2.992	622385	90316	9.147	1.646 #
9)	L2 AR-1221-2	3.735	3.074	1933074	39994	40.516	1.060 #
10)	L2 AR-1221-3	3.784	3.146	815385	710590	5.283	5.906
11)	L3 AR-1232-1	3.784	3.146	815385	710590	6.311	7.293
12)	L3 AR-1232-2	4.296	3.813	164581	97202	2.360	0.999 #
13)	L3 AR-1232-3	4.580	3.974	162181	59192	1.327	1.115
14)	L3 AR-1232-4	4.740	4.061	127137	82679	2.107	1.801
15)	L3 AR-1232-5	4.817	4.219	102059	95324	2.338	1.758
16)	L4 AR-1242-1	4.580	3.794	162181	89711	0.961	0.621 #
17)	L4 AR-1242-2	4.580	3.813	162181	97202	0.672	0.512
18)	L4 AR-1242-3	4.644	3.974	823857	59192	5.624	0.548 #
19)	L4 AR-1242-4	4.740	4.061	127137	82679	1.027	0.830
20)	L4 AR-1242-5	5.465	4.560	294699	57397	2.230	0.425 #
21)	L5 AR-1248-1	4.580	3.794	162181	89711	1.218	0.803 #
22)	L5 AR-1248-2	4.817	4.025	102059	55561	0.584	0.352 #
23)	L5 AR-1248-3	5.019	4.061	139074	82679	0.658	0.542
24)	L5 AR-1248-4	5.421	4.219	450657	95324	1.891	0.501 #
25)	L5 AR-1248-5	5.465	4.597	294699	192309	1.268	0.994
26)	L6 AR-1254-1	5.399	4.560	547411	57397	2.500	0.214 #
27)	L6 AR-1254-2	5.607	4.706	285887	59362	0.844	0.253 #
28)	L6 AR-1254-3	5.951	5.094	1270800	60502	3.545	0.160 #
29)	L6 AR-1254-4	6.258	5.325	2747062	243658	10.139	0.997 #
30)	L6 AR-1254-5	6.672	5.735	88302	84273	0.319	0.244
31)	L7 AR-1260-1	6.136	5.221	766270	157311	2.997	0.630 #
32)	L7 AR-1260-2	0.000	5.422	0	212840	N.D.	0.691 #
33)	L7 AR-1260-3	0.000	5.555	0	62078	N.D.	0.200 #
34)	L7 AR-1260-4	0.000	6.027	0	162029	N.D.	0.661 #
35)	L7 AR-1260-5	0.000	6.286	0	68112	N.D.	0.125 #
36)	L8 AR-1262-1	0.000	5.829	0	38797	N.D.	0.272 #
37)	L8 AR-1262-2	0.000	6.022	0	101602	N.D.	0.325 #
38)	L8 AR-1262-3	7.608f	6.540	112927	268857	0.313	1.067 #
39)	L8 AR-1262-4	7.608f	6.611	112927	244190	0.403	0.522 #
40)	L8 AR-1262-5	8.144	7.104	357332	70917	1.901	0.323 #
41)	L9 AR-1268-1	0.000	6.560	0	249195	N.D.	0.334 #

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 Integrator: ChemStation

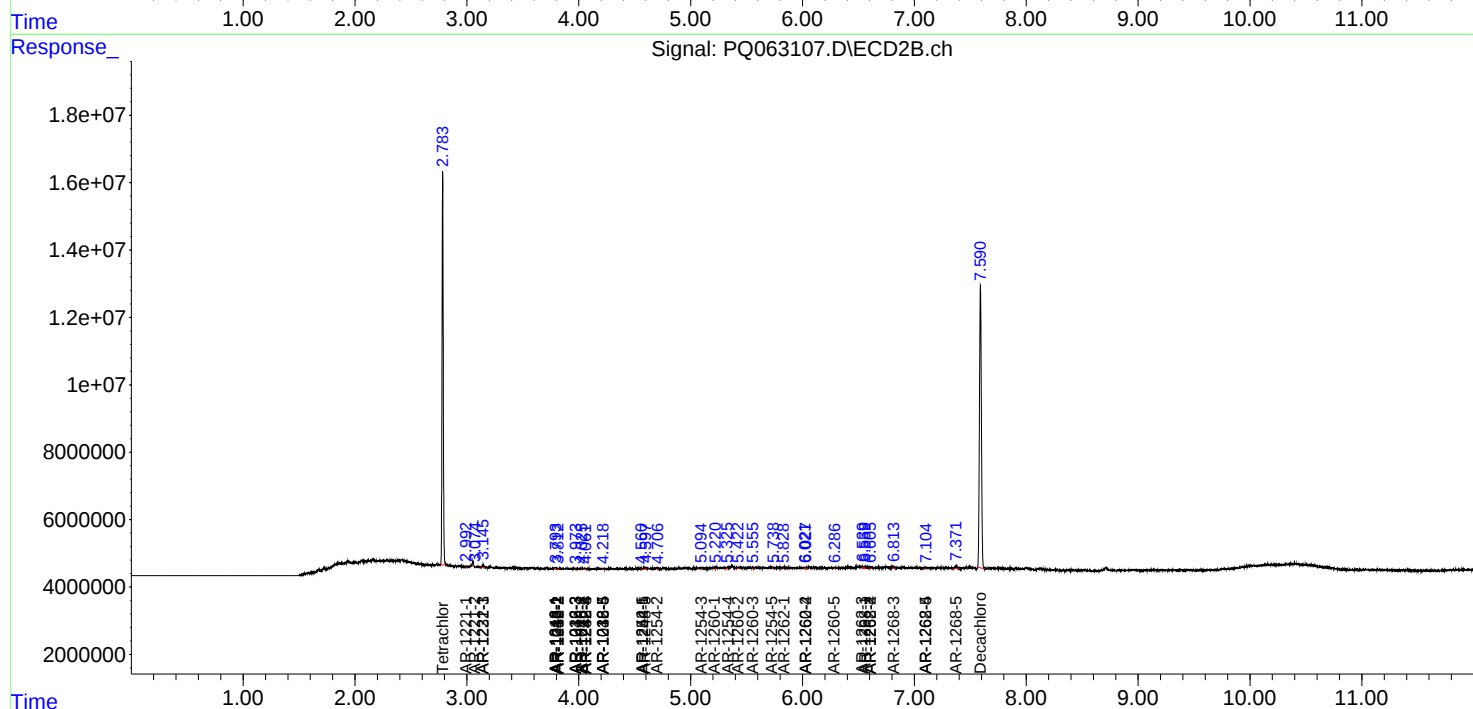
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

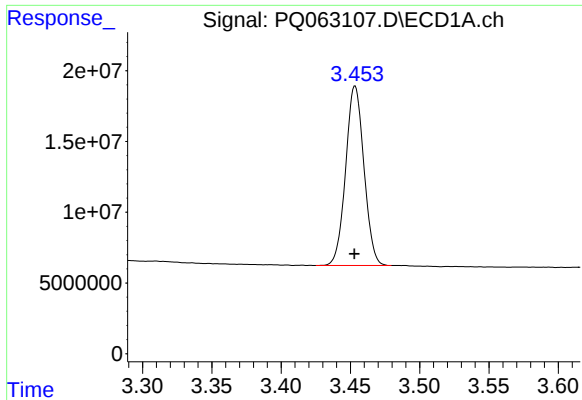
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.608f	6.611	112927	244190	0.188	0.356 #
43) L9	AR-1268-3	7.822	6.814	435318	426103	0.884	0.726
44) L9	AR-1268-4	8.144	7.104	357332	70917	1.666	0.279 #
45) L9	AR-1268-5	8.444	7.372	1300152	965460	0.844	0.545 #

(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

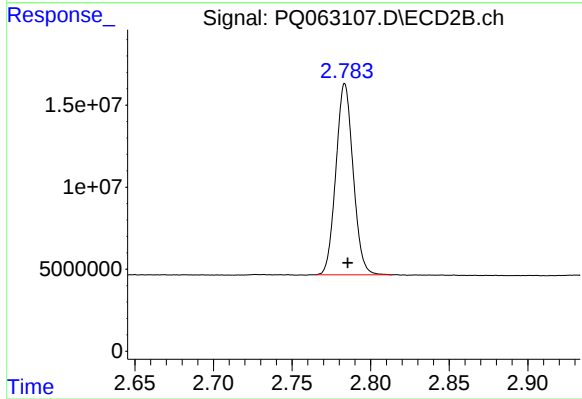




#1 Tetrachloro-m-xylene

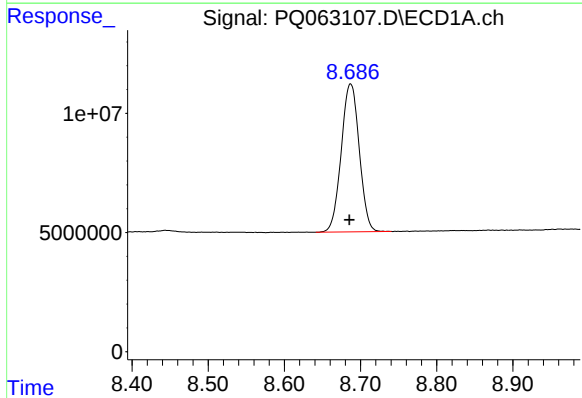
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 116412870
Conc: 21.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



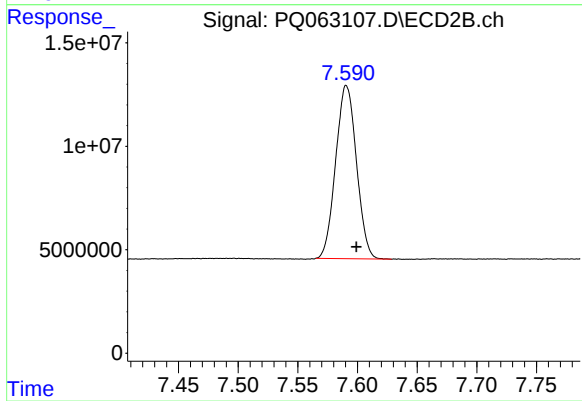
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.002 min
Response: 89017516
Conc: 21.58 ng/ml



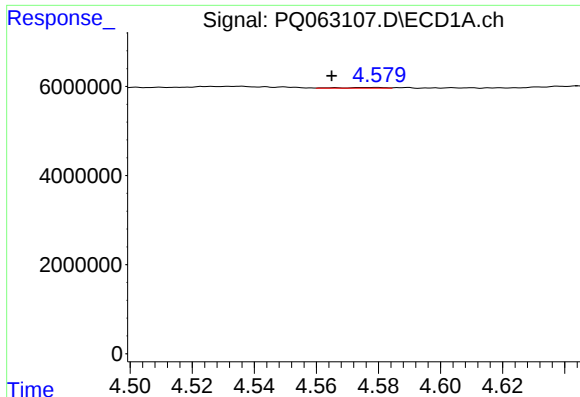
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 102094240
Conc: 26.37 ng/ml



#2 Decachlorobiphenyl

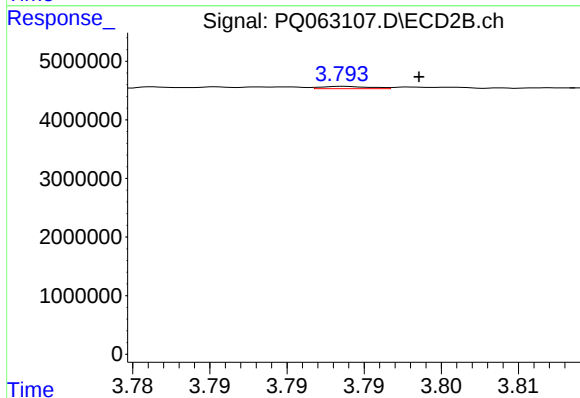
R.T.: 7.591 min
Delta R.T.: -0.008 min
Response: 101613486
Conc: 23.49 ng/ml



#3 AR-1016-1

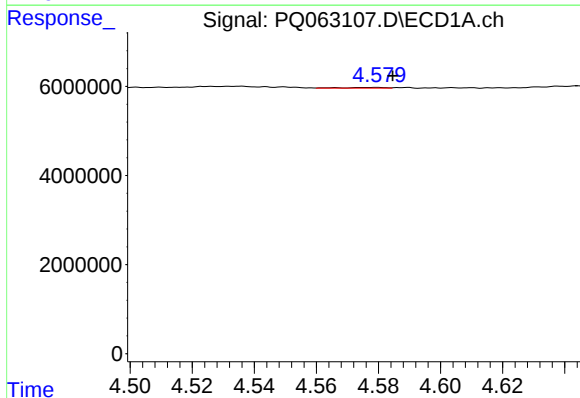
R.T.: 4.580 min
Delta R.T.: 0.015 min
Response: 162181
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



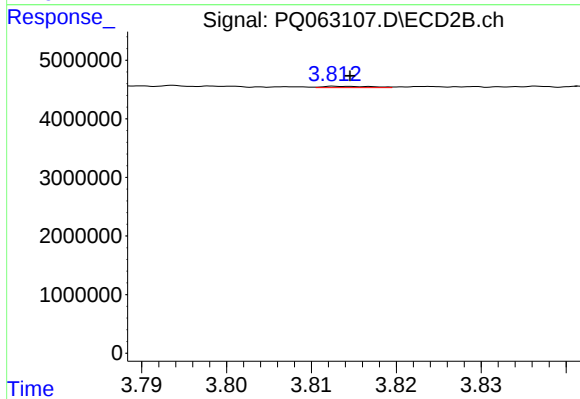
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.005 min
Response: 89711
Conc: 0.56 ng/ml



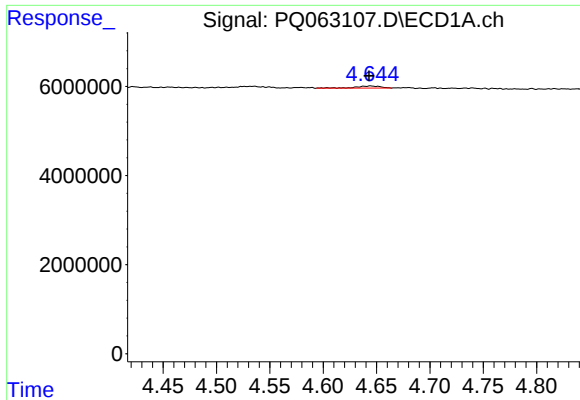
#4 AR-1016-2

R.T.: 4.580 min
Delta R.T.: -0.005 min
Response: 162181
Conc: 0.58 ng/ml



#4 AR-1016-2

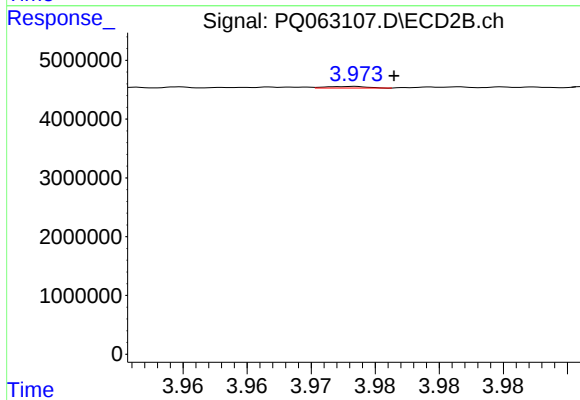
R.T.: 3.813 min
Delta R.T.: -0.002 min
Response: 97202
Conc: 0.45 ng/ml



#5 AR-1016-3

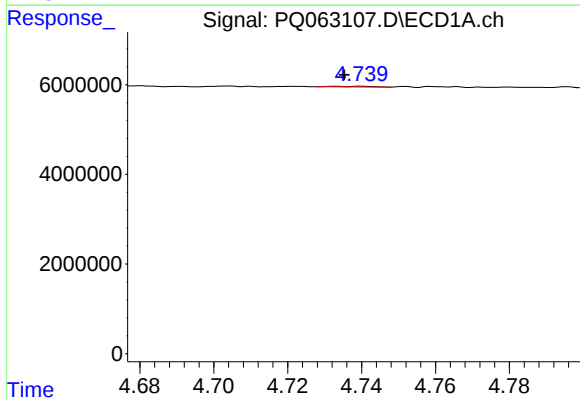
R.T.: 4.644 min
Delta R.T.: 0.002 min
Response: 823857
Conc: 4.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



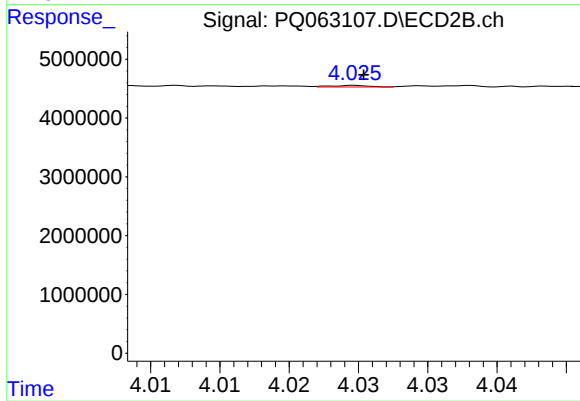
#5 AR-1016-3

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 59192
Conc: 0.50 ng/ml



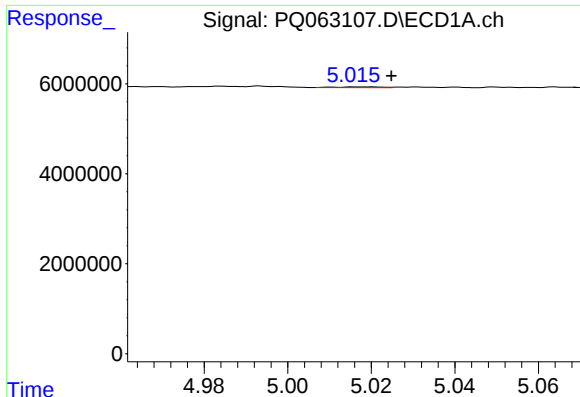
#6 AR-1016-4

R.T.: 4.740 min
Delta R.T.: 0.005 min
Response: 127137
Conc: 0.90 ng/ml



#6 AR-1016-4

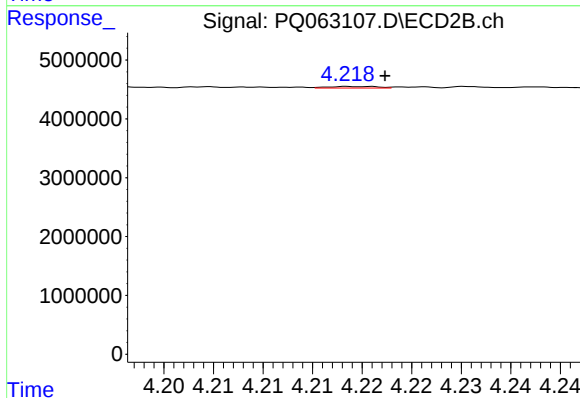
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 55561
Conc: 0.57 ng/ml



#7 AR-1016-5

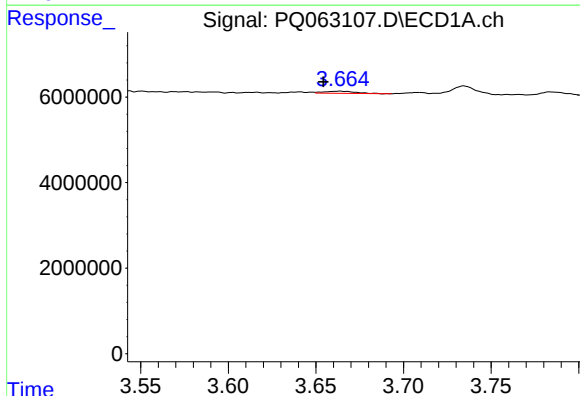
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 139074
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



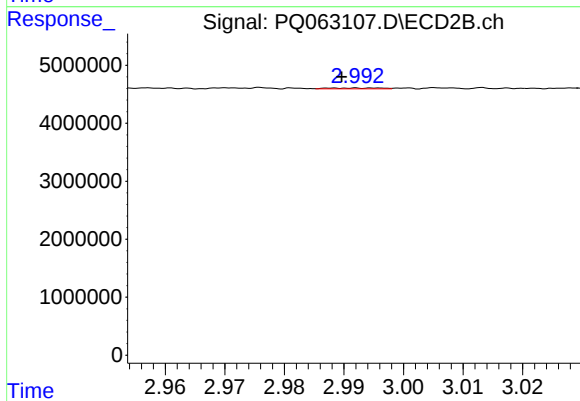
#7 AR-1016-5

R.T.: 4.219 min
Delta R.T.: -0.004 min
Response: 95324
Conc: 0.76 ng/ml



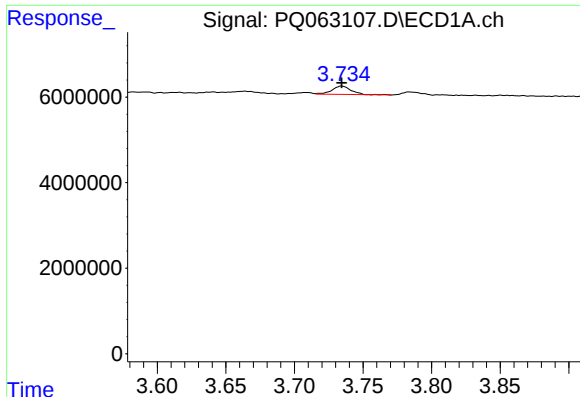
#8 AR-1221-1

R.T.: 3.664 min
Delta R.T.: 0.010 min
Response: 622385
Conc: 9.15 ng/ml



#8 AR-1221-1

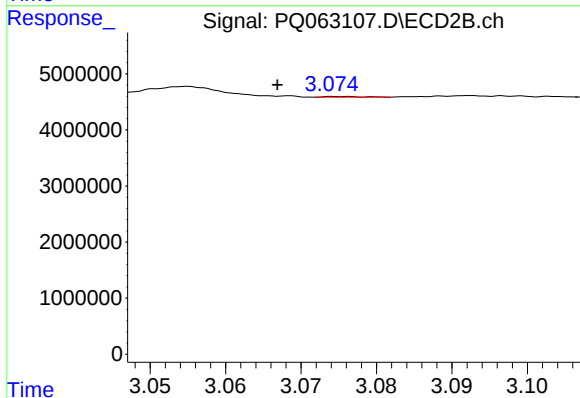
R.T.: 2.992 min
Delta R.T.: 0.003 min
Response: 90316
Conc: 1.65 ng/ml



#9 AR-1221-2

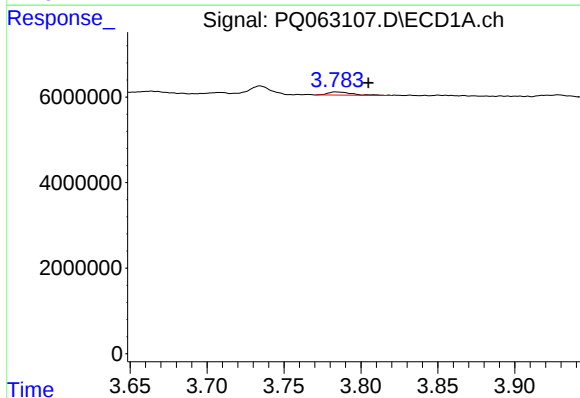
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 1933074
Conc: 40.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



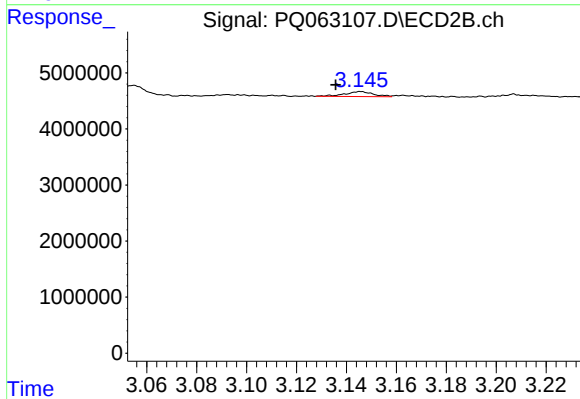
#9 AR-1221-2

R.T.: 3.074 min
Delta R.T.: 0.008 min
Response: 39994
Conc: 1.06 ng/ml



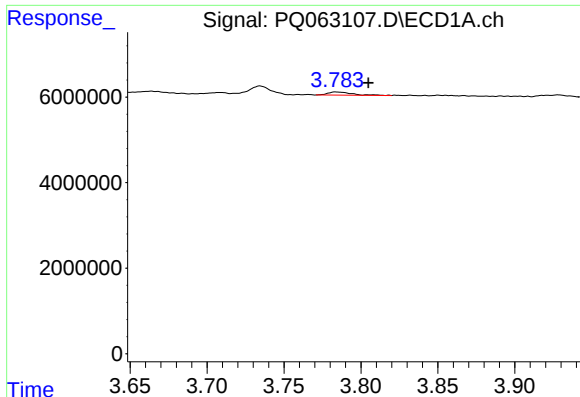
#10 AR-1221-3

R.T.: 3.784 min
Delta R.T.: -0.021 min
Response: 815385
Conc: 5.28 ng/ml



#10 AR-1221-3

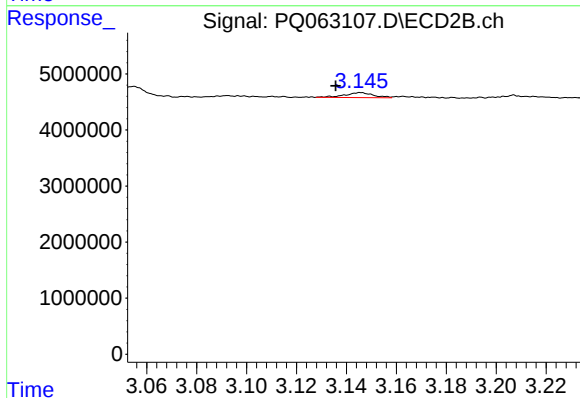
R.T.: 3.146 min
Delta R.T.: 0.010 min
Response: 710590
Conc: 5.91 ng/ml



#11 AR-1232-1

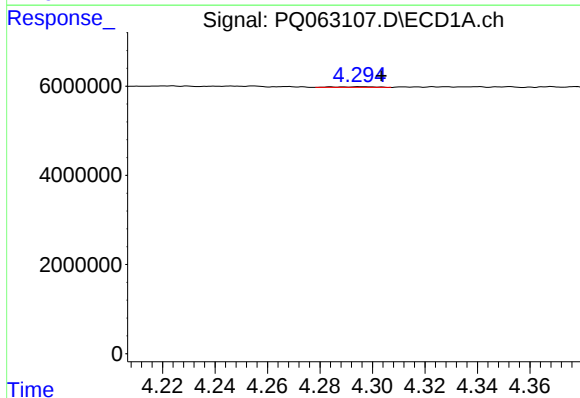
R.T.: 3.784 min
Delta R.T.: -0.021 min
Response: 815385
Conc: 6.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



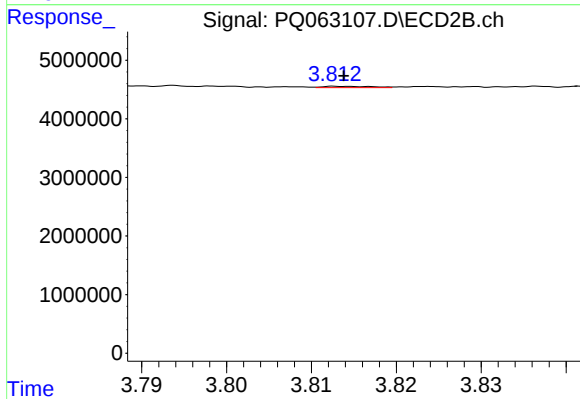
#11 AR-1232-1

R.T.: 3.146 min
Delta R.T.: 0.010 min
Response: 710590
Conc: 7.29 ng/ml



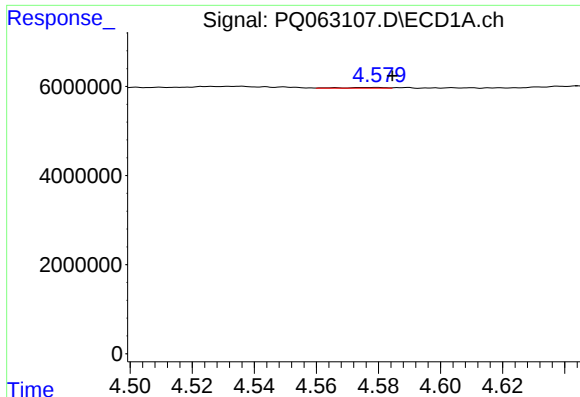
#12 AR-1232-2

R.T.: 4.296 min
Delta R.T.: -0.008 min
Response: 164581
Conc: 2.36 ng/ml



#12 AR-1232-2

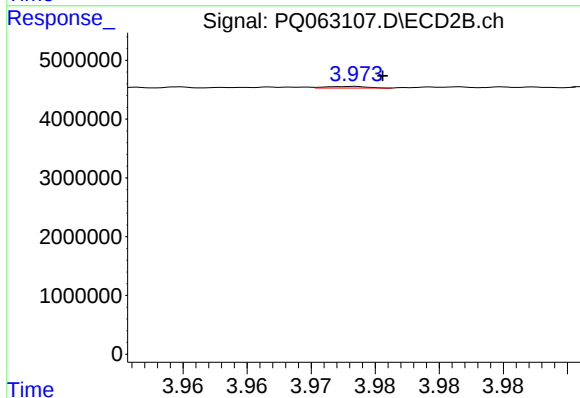
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 97202
Conc: 1.00 ng/ml



#13 AR-1232-3

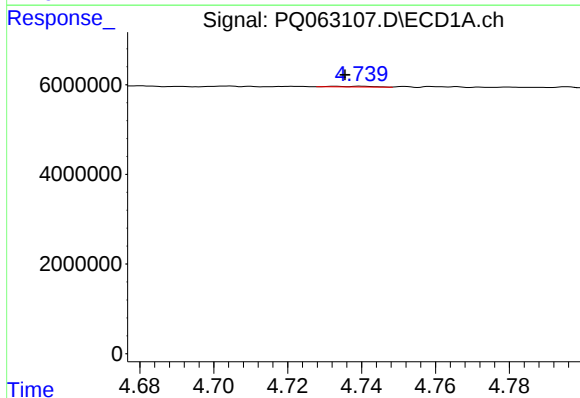
R.T.: 4.580 min
Delta R.T.: -0.005 min
Response: 162181
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



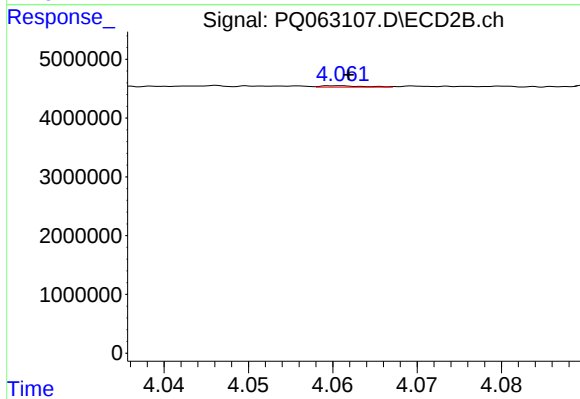
#13 AR-1232-3

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 59192
Conc: 1.11 ng/ml



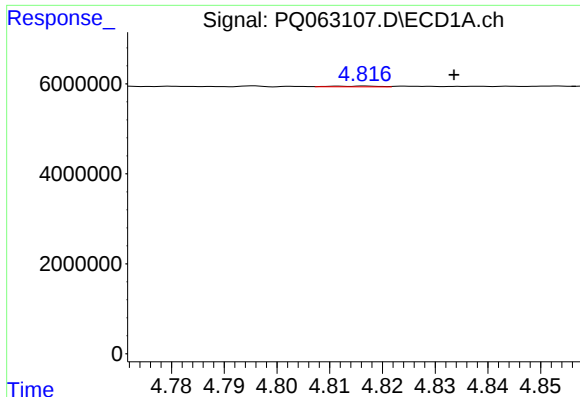
#14 AR-1232-4

R.T.: 4.740 min
Delta R.T.: 0.005 min
Response: 127137
Conc: 2.11 ng/ml



#14 AR-1232-4

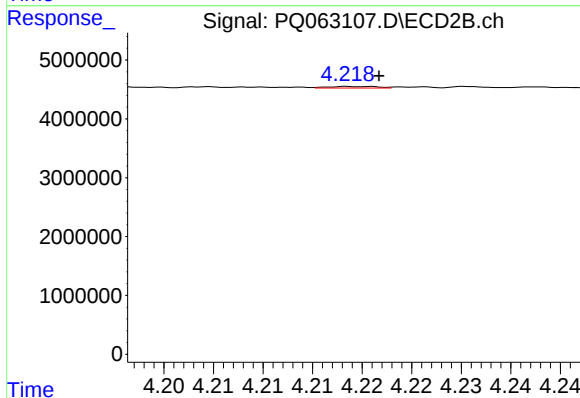
R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 82679
Conc: 1.80 ng/ml



#15 AR-1232-5

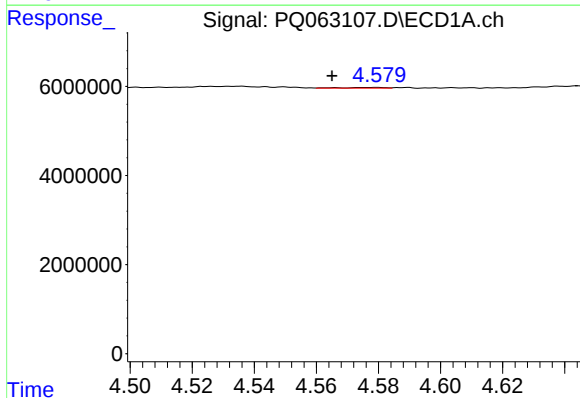
R.T.: 4.817 min
Delta R.T.: -0.017 min
Response: 102059
Conc: 2.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



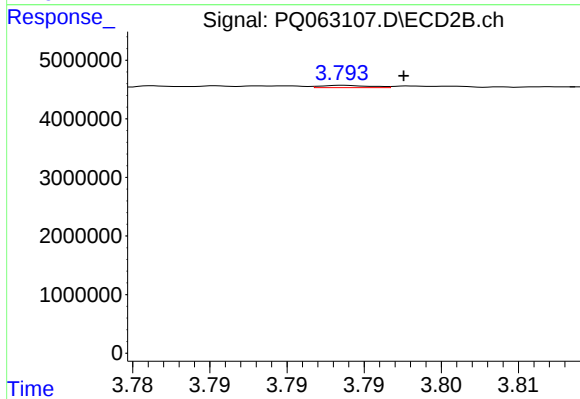
#15 AR-1232-5

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 95324
Conc: 1.76 ng/ml



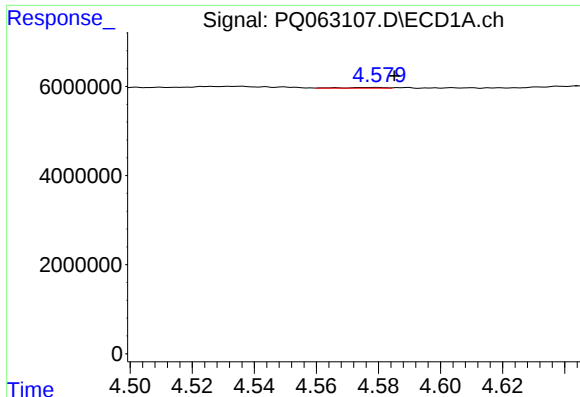
#16 AR-1242-1

R.T.: 4.580 min
Delta R.T.: 0.015 min
Response: 162181
Conc: 0.96 ng/ml



#16 AR-1242-1

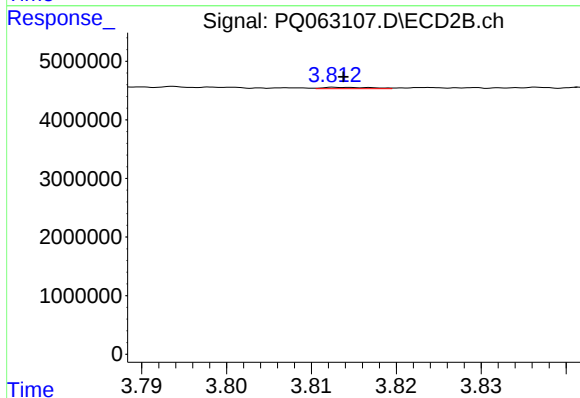
R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 89711
Conc: 0.62 ng/ml



#17 AR-1242-2

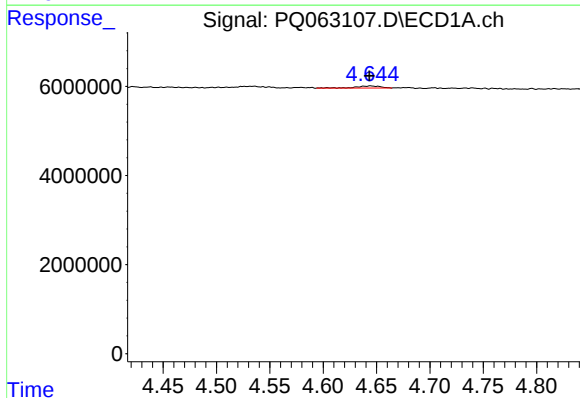
R.T.: 4.580 min
Delta R.T.: -0.006 min
Response: 162181
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



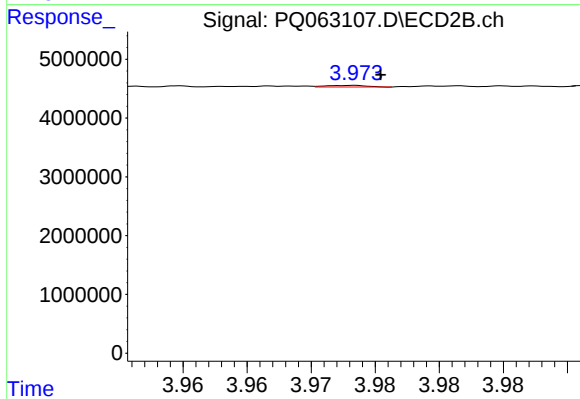
#17 AR-1242-2

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 97202
Conc: 0.51 ng/ml



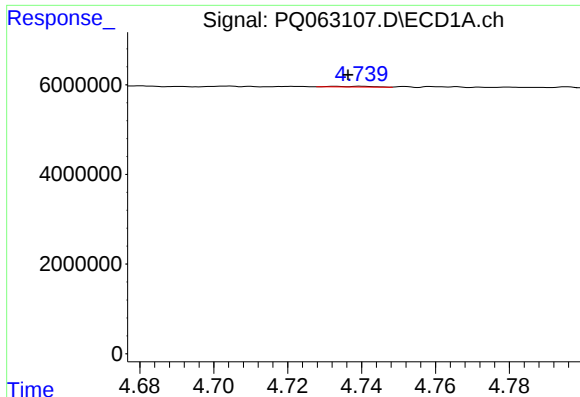
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.001 min
Response: 823857
Conc: 5.62 ng/ml



#18 AR-1242-3

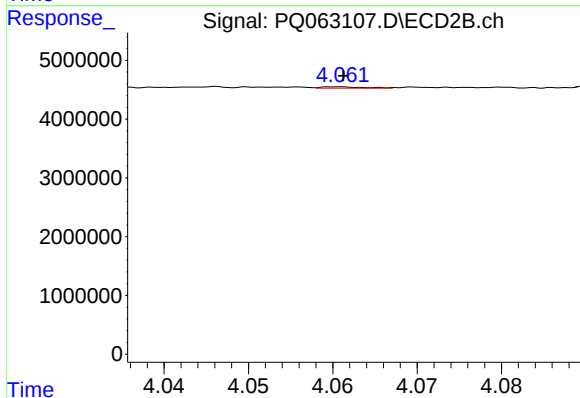
R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 59192
Conc: 0.55 ng/ml



#19 AR-1242-4

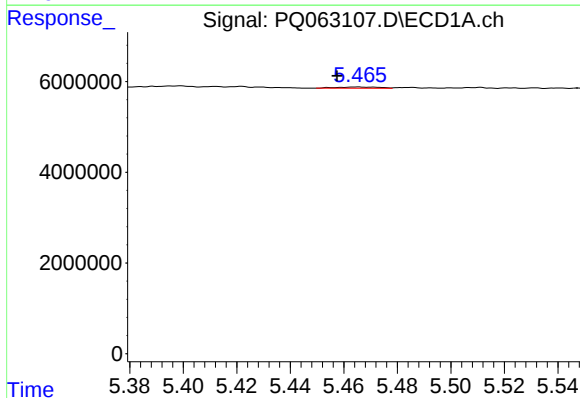
R.T.: 4.740 min
Delta R.T.: 0.004 min
Response: 127137
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



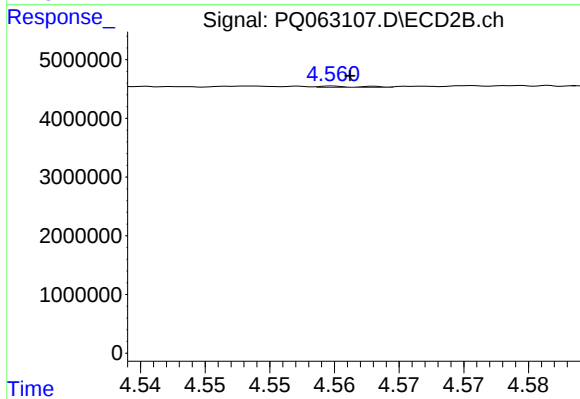
#19 AR-1242-4

R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 82679
Conc: 0.83 ng/ml



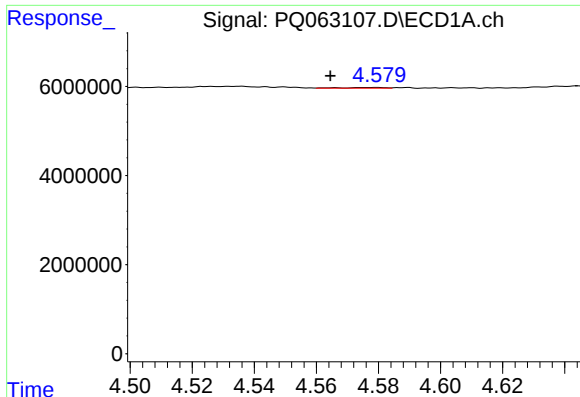
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: 0.008 min
Response: 294699
Conc: 2.23 ng/ml



#20 AR-1242-5

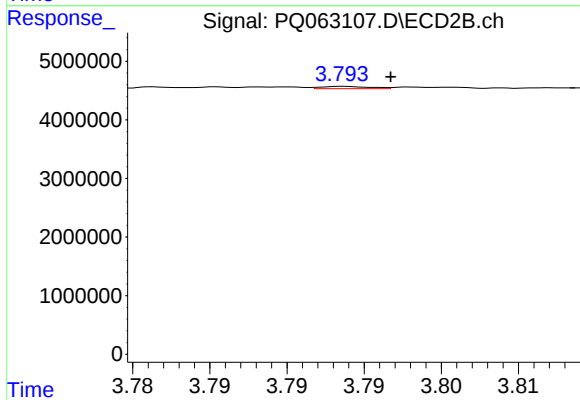
R.T.: 4.560 min
Delta R.T.: -0.001 min
Response: 57397
Conc: 0.42 ng/ml



#21 AR-1248-1

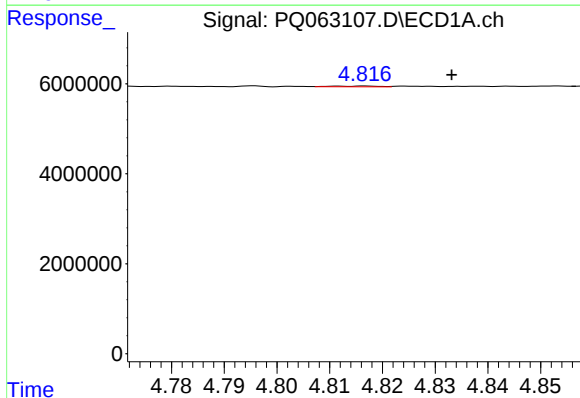
R.T.: 4.580 min
Delta R.T.: 0.015 min
Response: 162181
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



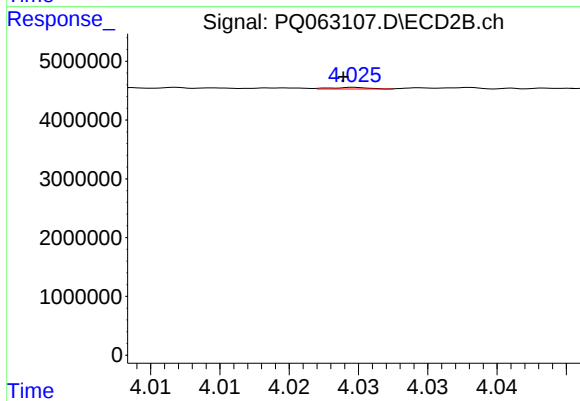
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 89711
Conc: 0.80 ng/ml



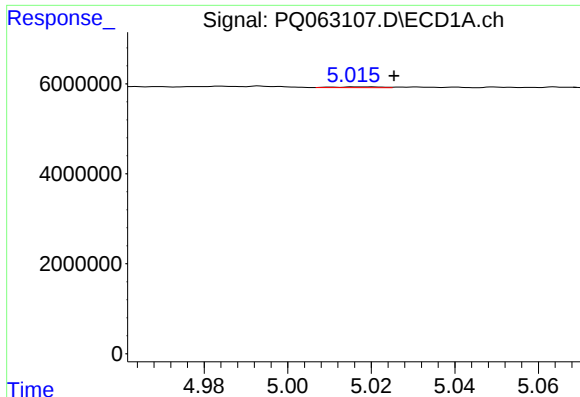
#22 AR-1248-2

R.T.: 4.817 min
Delta R.T.: -0.016 min
Response: 102059
Conc: 0.58 ng/ml



#22 AR-1248-2

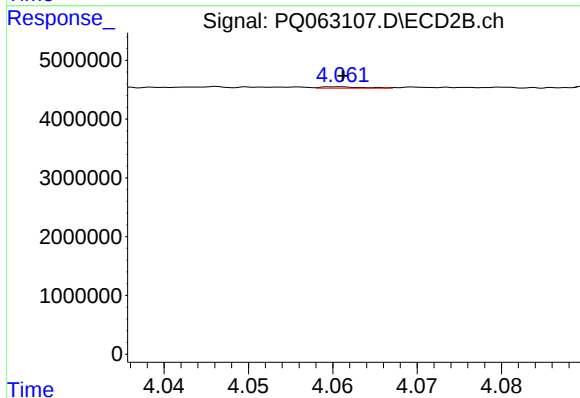
R.T.: 4.025 min
Delta R.T.: 0.001 min
Response: 55561
Conc: 0.35 ng/ml



#23 AR-1248-3

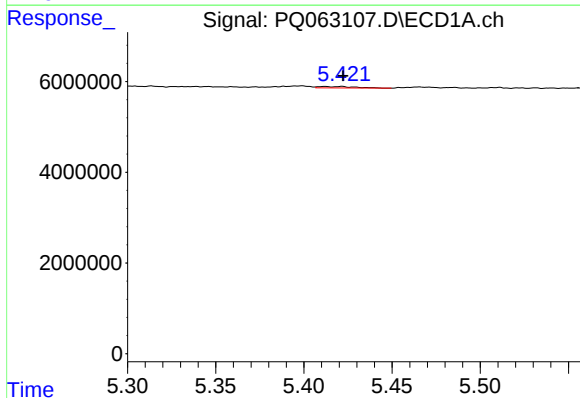
R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 139074
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



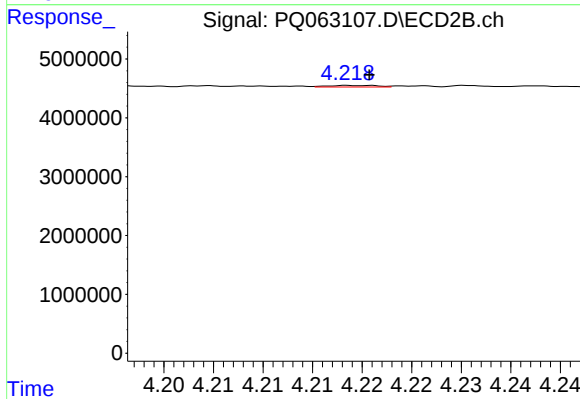
#23 AR-1248-3

R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 82679
Conc: 0.54 ng/ml



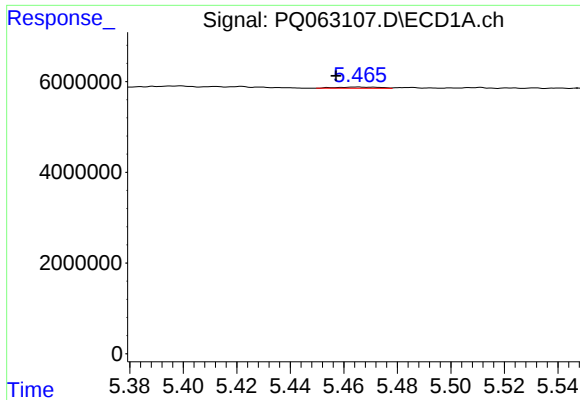
#24 AR-1248-4

R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 450657
Conc: 1.89 ng/ml



#24 AR-1248-4

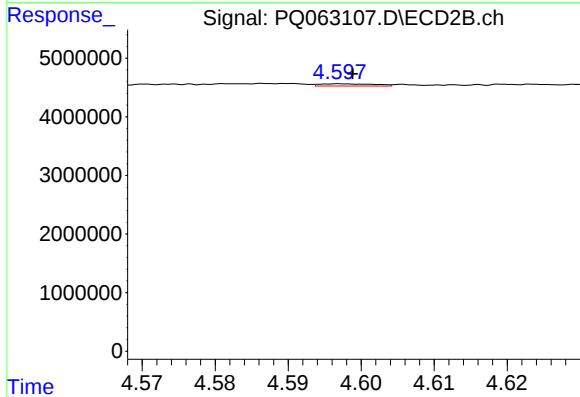
R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 95324
Conc: 0.50 ng/ml



#25 AR-1248-5

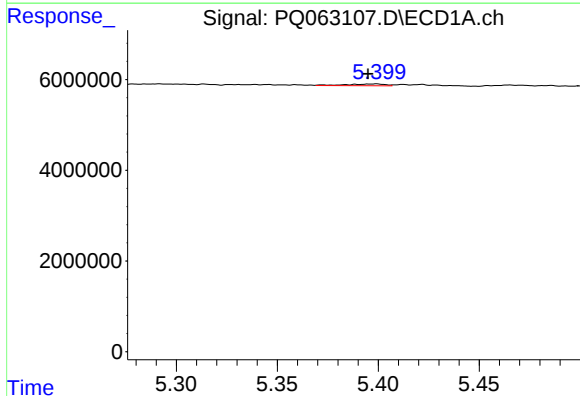
R.T.: 5.465 min
Delta R.T.: 0.008 min
Response: 294699
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



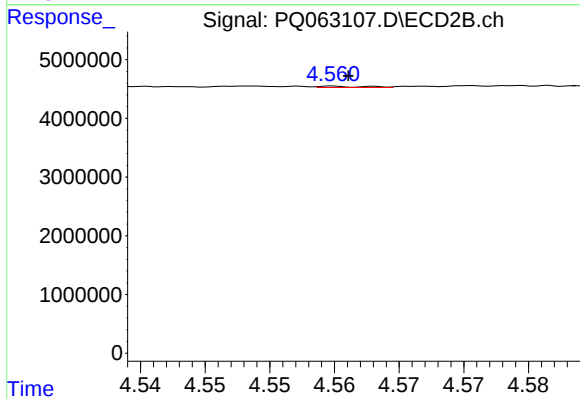
#25 AR-1248-5

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 192309
Conc: 0.99 ng/ml



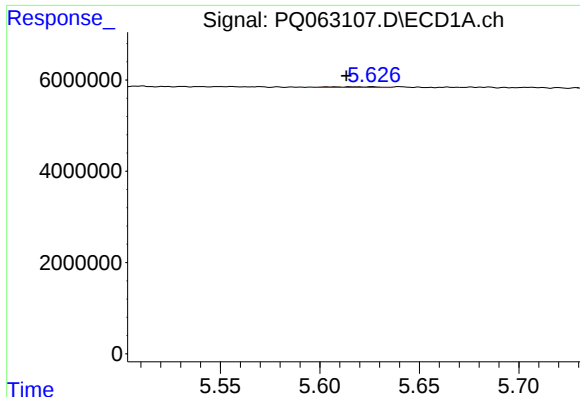
#26 AR-1254-1

R.T.: 5.399 min
Delta R.T.: 0.004 min
Response: 547411
Conc: 2.50 ng/ml



#26 AR-1254-1

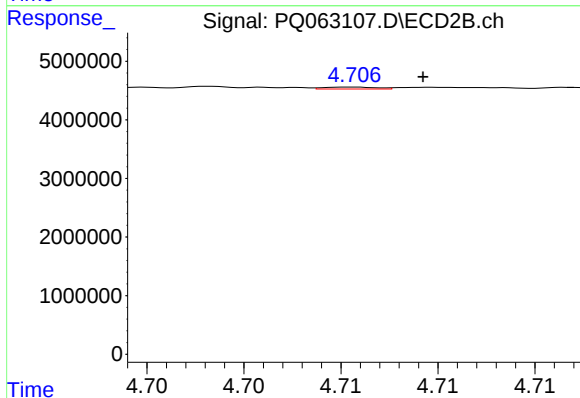
R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 57397
Conc: 0.21 ng/ml



#27 AR-1254-2

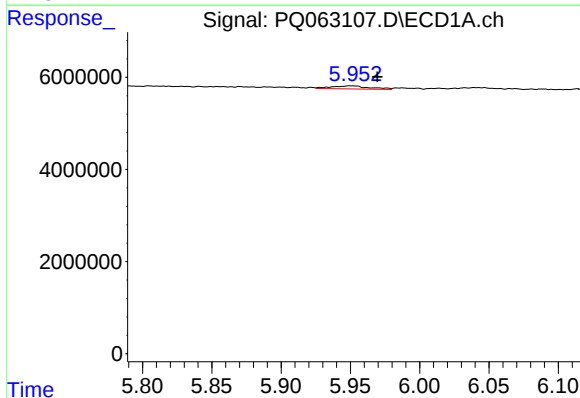
R.T.: 5.607 min
Delta R.T.: -0.006 min
Response: 285887
Conc: 0.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



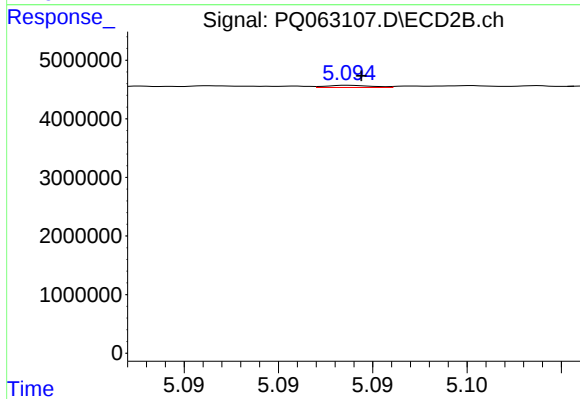
#27 AR-1254-2

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 59362
Conc: 0.25 ng/ml



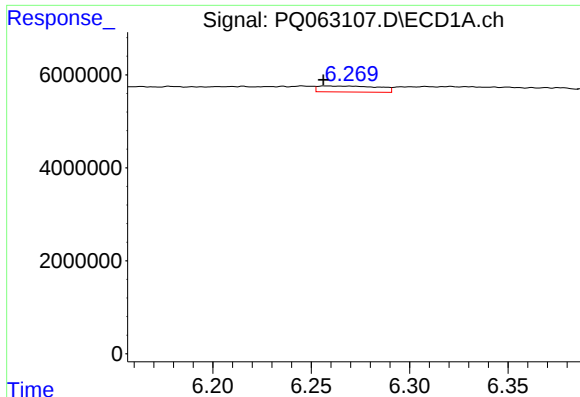
#28 AR-1254-3

R.T.: 5.951 min
Delta R.T.: -0.019 min
Response: 1270800
Conc: 3.54 ng/ml



#28 AR-1254-3

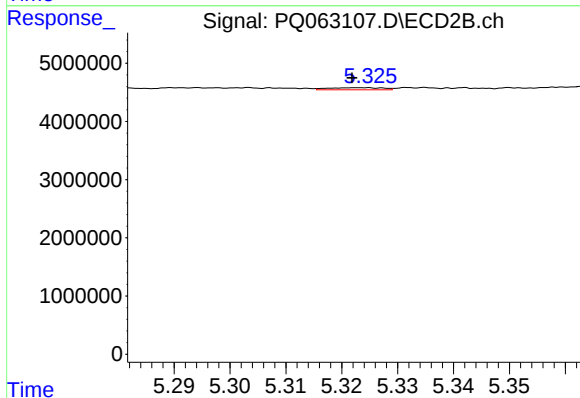
R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 60502
Conc: 0.16 ng/ml



#29 AR-1254-4

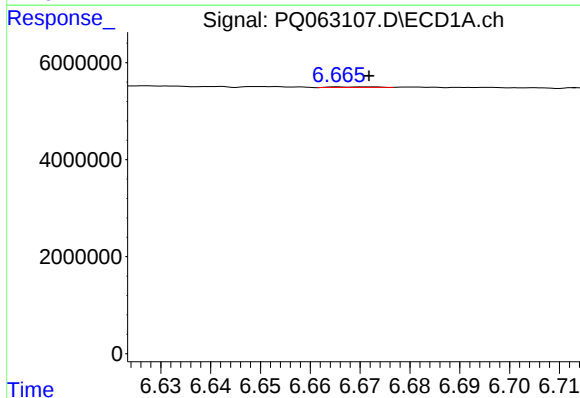
R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 2747062
Conc: 10.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



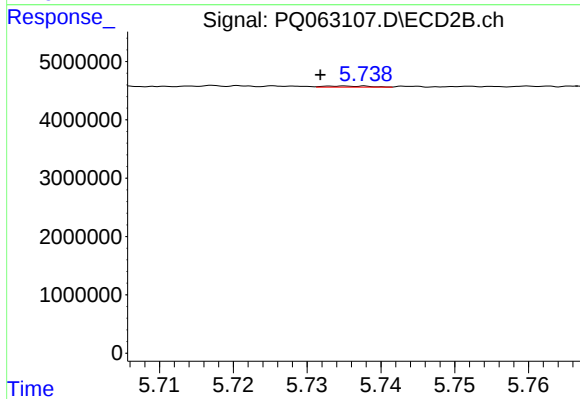
#29 AR-1254-4

R.T.: 5.325 min
Delta R.T.: 0.003 min
Response: 243658
Conc: 1.00 ng/ml



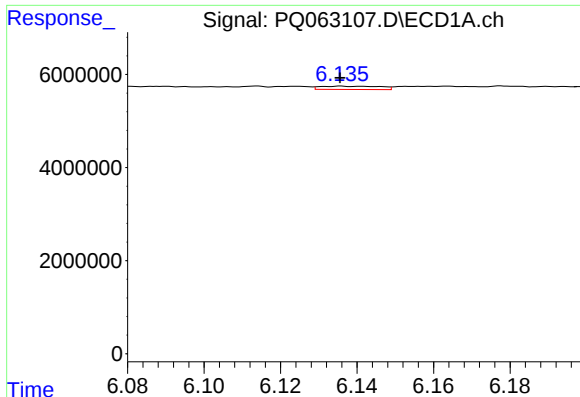
#30 AR-1254-5

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 88302
Conc: 0.32 ng/ml



#30 AR-1254-5

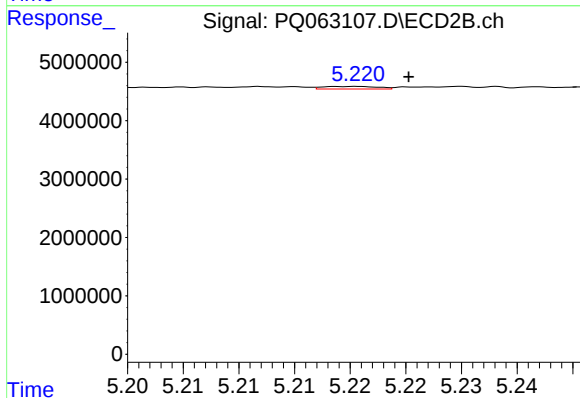
R.T.: 5.735 min
Delta R.T.: 0.004 min
Response: 84273
Conc: 0.24 ng/ml



#31 AR-1260-1

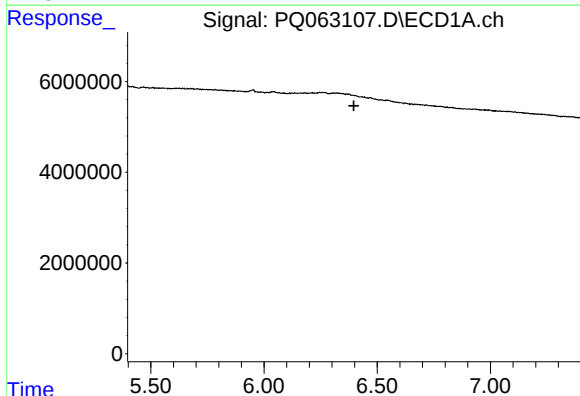
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 766270
Conc: 3.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



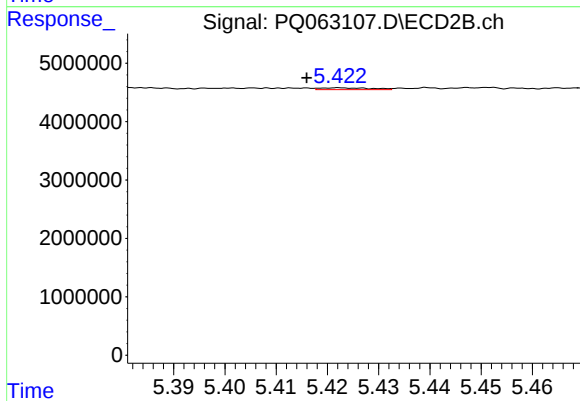
#31 AR-1260-1

R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 157311
Conc: 0.63 ng/ml



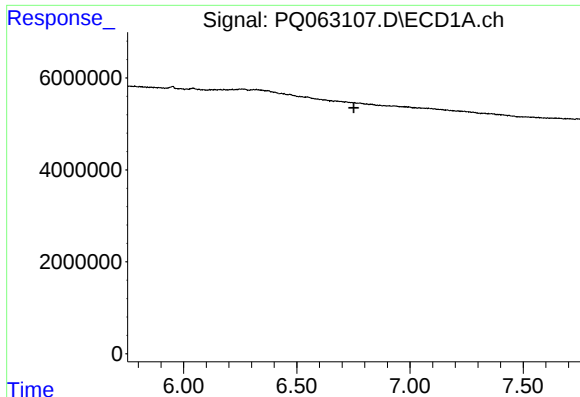
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.397 min
Response: 0
Conc: N.D.



#32 AR-1260-2

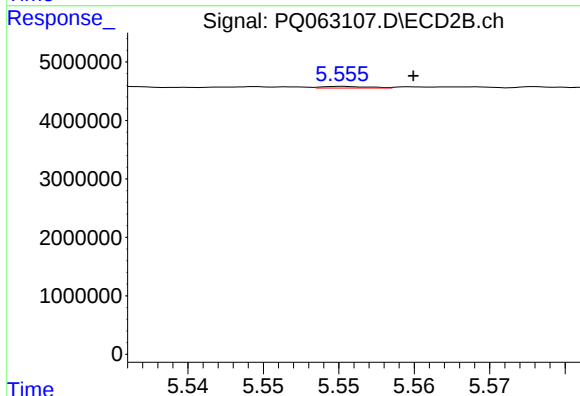
R.T.: 5.422 min
Delta R.T.: 0.006 min
Response: 212840
Conc: 0.69 ng/ml



#33 AR-1260-3

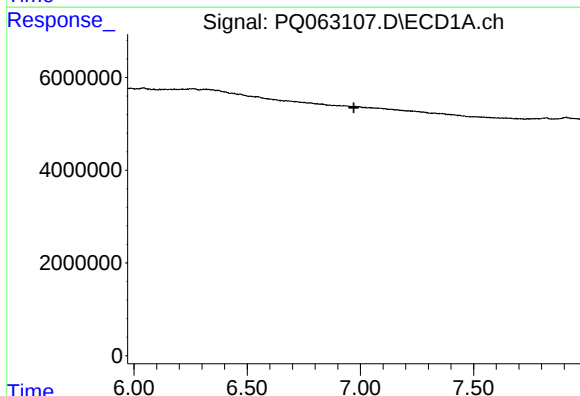
R.T.: 0.000 min
Exp R.T.: 6.752 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



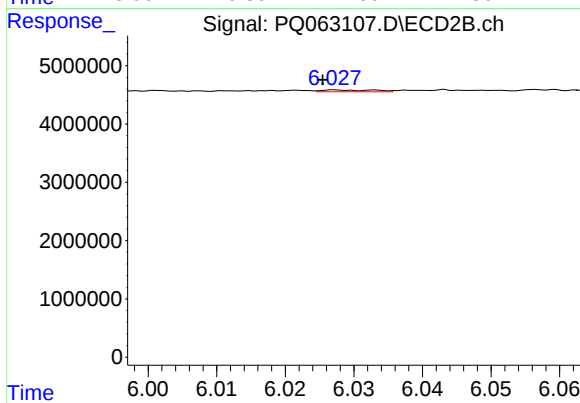
#33 AR-1260-3

R.T.: 5.555 min
Delta R.T.: -0.005 min
Response: 62078
Conc: 0.20 ng/ml



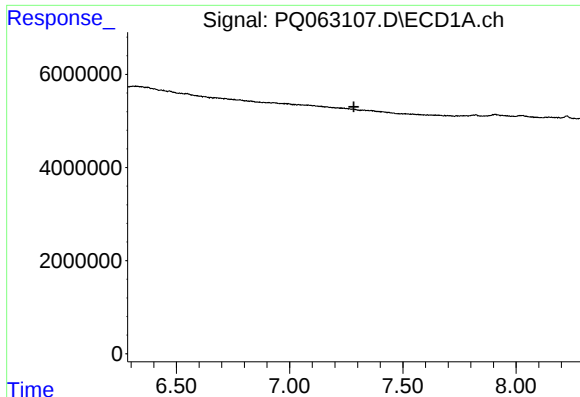
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 6.971 min
Response: 0
Conc: N.D.



#34 AR-1260-4

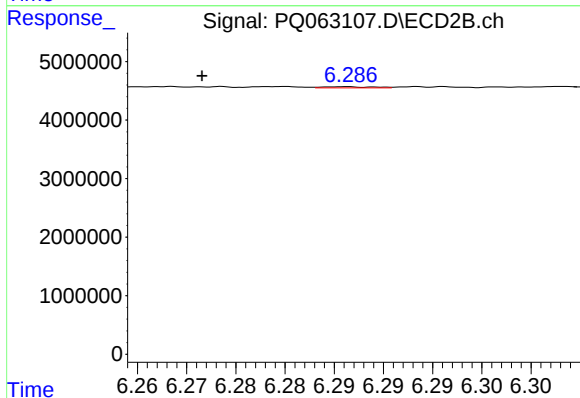
R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 162029
Conc: 0.66 ng/ml



#35 AR-1260-5

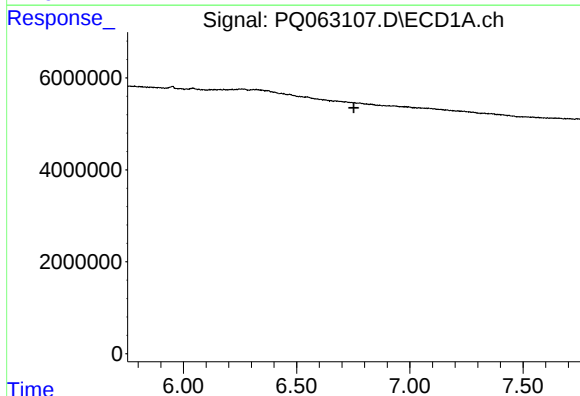
R.T.: 0.000 min
Exp R.T. : 7.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



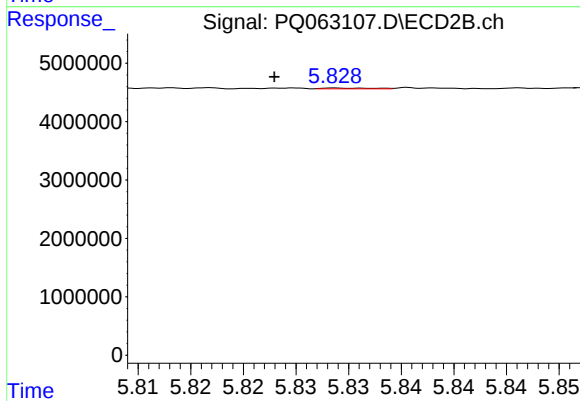
#35 AR-1260-5

R.T.: 6.286 min
Delta R.T.: 0.015 min
Response: 68112
Conc: 0.12 ng/ml



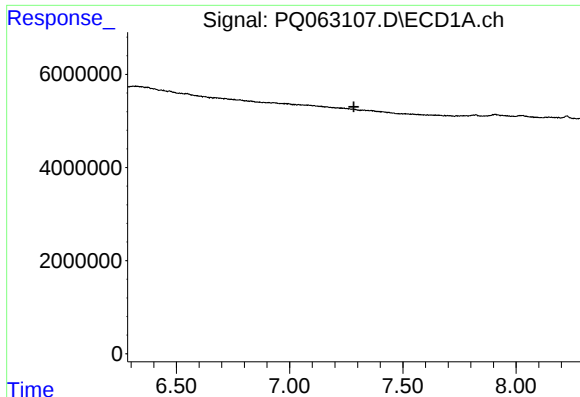
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.753 min
Response: 0
Conc: N.D.



#36 AR-1262-1

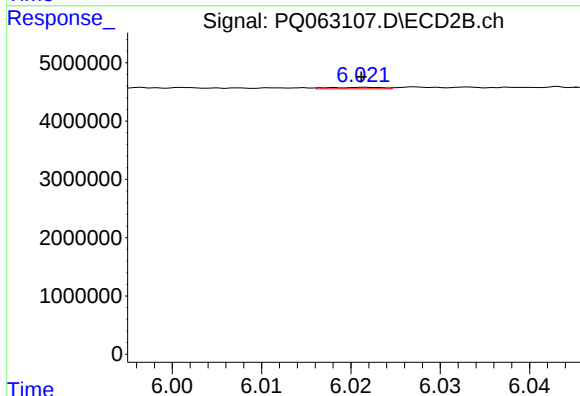
R.T.: 5.829 min
Delta R.T.: 0.006 min
Response: 38797
Conc: 0.27 ng/ml



#37 AR-1262-2

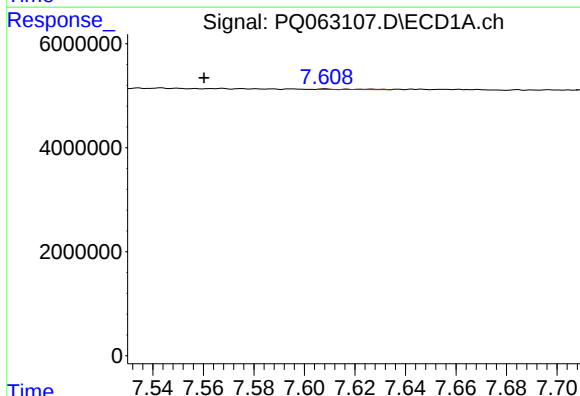
R.T.: 0.000 min
Exp R.T.: 7.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



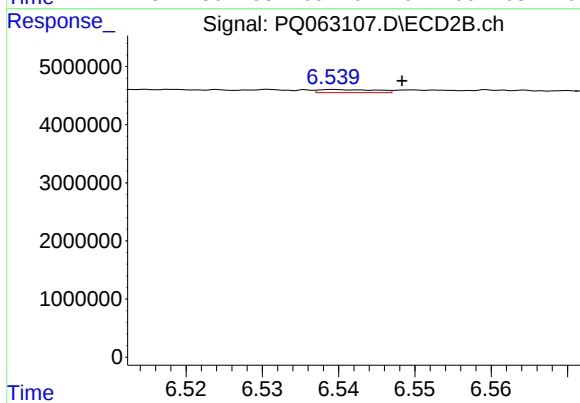
#37 AR-1262-2

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 101602
Conc: 0.33 ng/ml



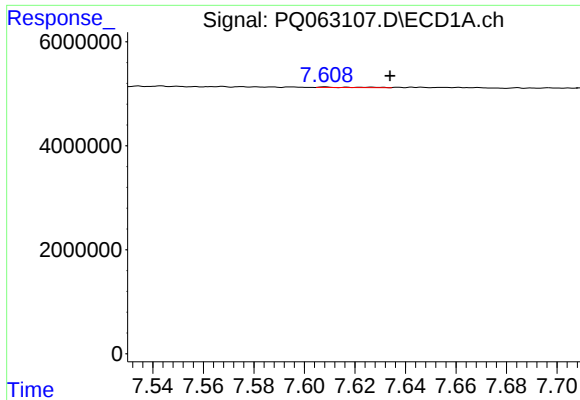
#38 AR-1262-3

R.T.: 7.608 min
Delta R.T.: 0.048 min
Response: 112927
Conc: 0.31 ng/ml



#38 AR-1262-3

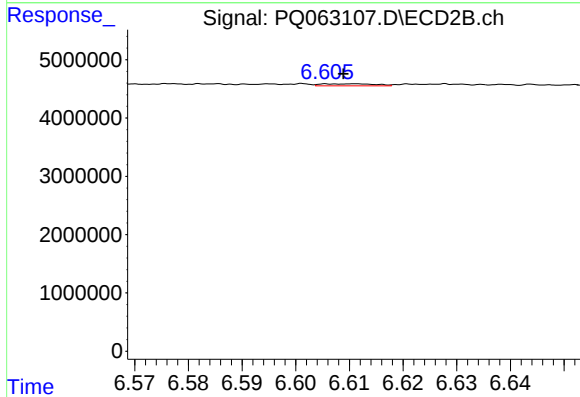
R.T.: 6.540 min
Delta R.T.: -0.009 min
Response: 268857
Conc: 1.07 ng/ml



#39 AR-1262-4

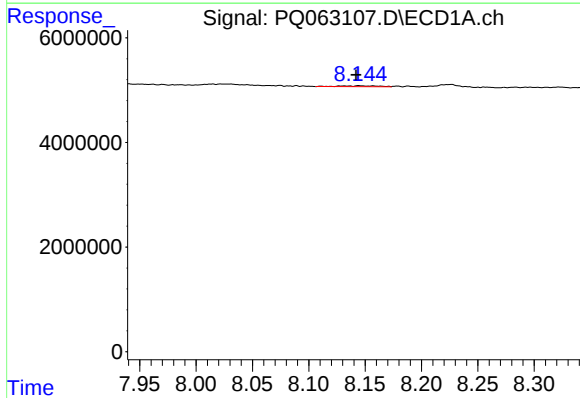
R.T.: 7.608 min
Delta R.T.: -0.026 min
Response: 112927
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



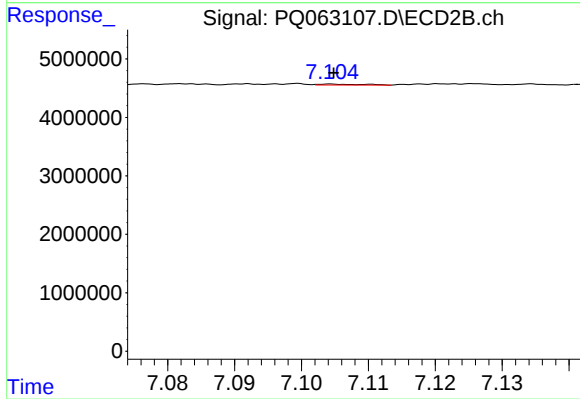
#39 AR-1262-4

R.T.: 6.611 min
Delta R.T.: 0.003 min
Response: 244190
Conc: 0.52 ng/ml



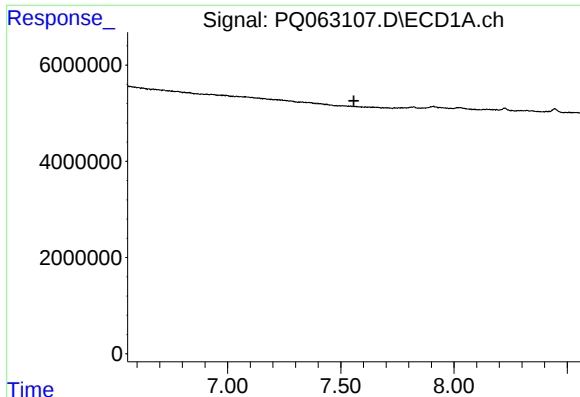
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.003 min
Response: 357332
Conc: 1.90 ng/ml



#40 AR-1262-5

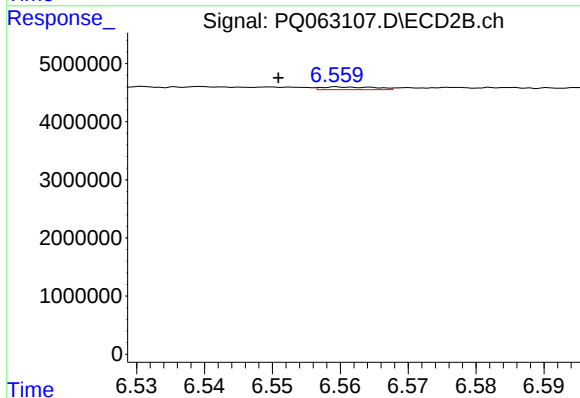
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 70917
Conc: 0.32 ng/ml



#41 AR-1268-1

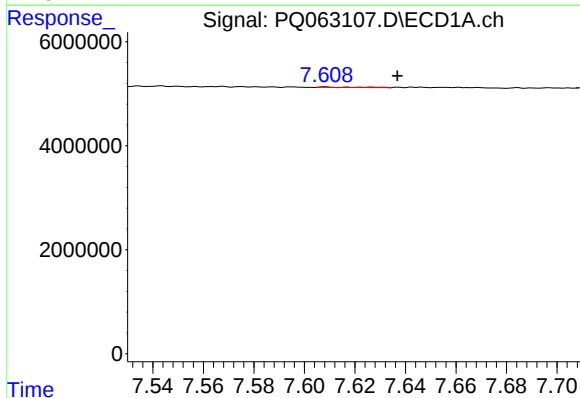
R.T.: 0.000 min
Exp R.T.: 7.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



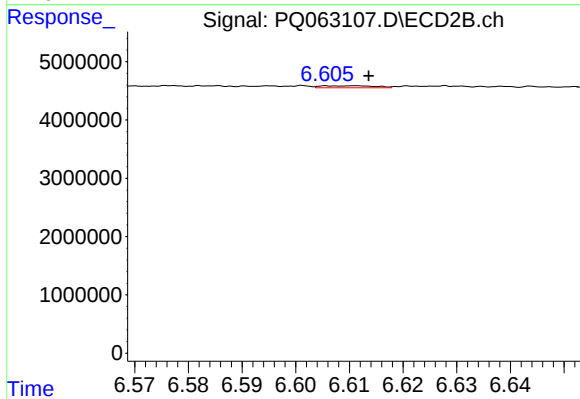
#41 AR-1268-1

R.T.: 6.560 min
Delta R.T.: 0.009 min
Response: 249195
Conc: 0.33 ng/ml



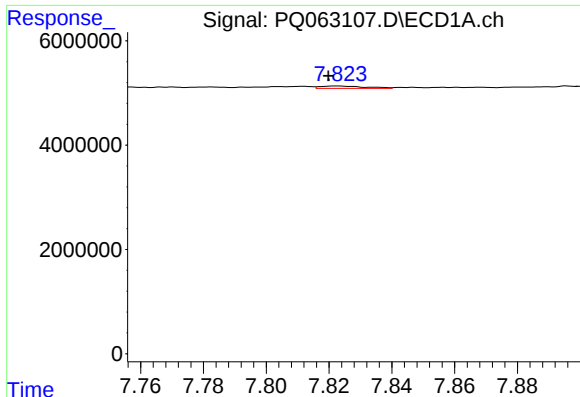
#42 AR-1268-2

R.T.: 7.608 min
Delta R.T.: -0.029 min
Response: 112927
Conc: 0.19 ng/ml



#42 AR-1268-2

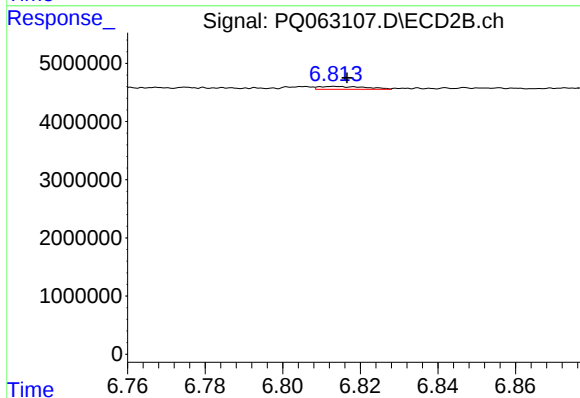
R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 244190
Conc: 0.36 ng/ml



#43 AR-1268-3

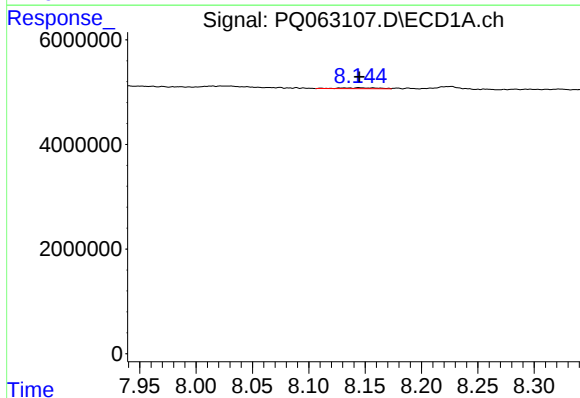
R.T.: 7.822 min
Delta R.T.: 0.003 min
Response: 435318
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



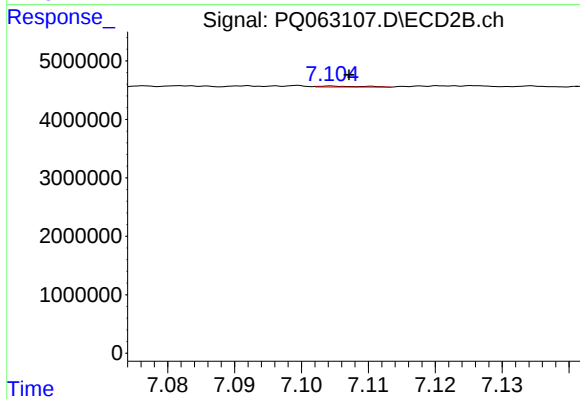
#43 AR-1268-3

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 426103
Conc: 0.73 ng/ml



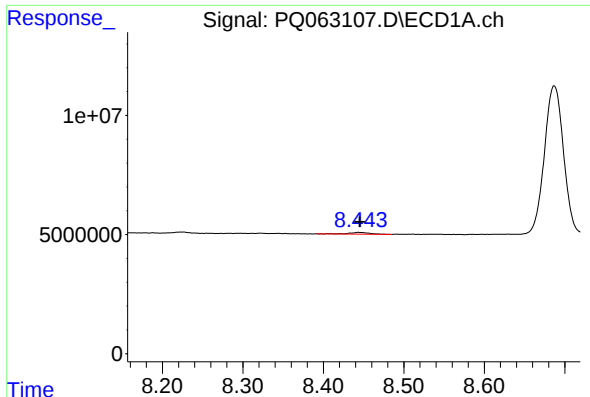
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 357332
Conc: 1.67 ng/ml



#44 AR-1268-4

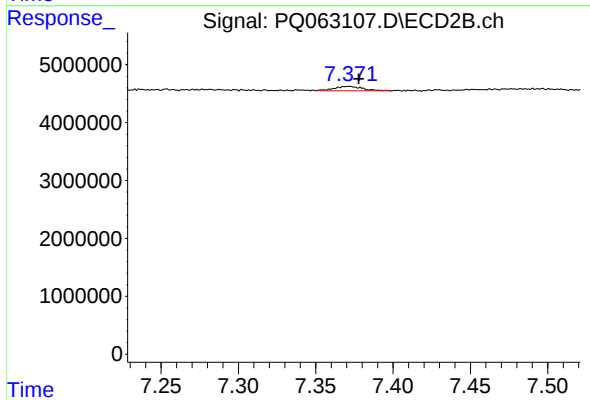
R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 70917
Conc: 0.28 ng/ml



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: -0.002 min
Response: 1300152
Conc: 0.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.372 min
Delta R.T.: -0.006 min
Response: 965460
Conc: 0.55 ng/ml