

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020923\
 Data File : PQ060378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2023 08:44
 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: Feb 09 21:16:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020723CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 08 12:18:29 2023
 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...	3.444	2.812	142336	740630	0.005	0.062 #
2)	SA Decachlor...	8.583	7.539	4608077	4229993	0.306	0.389 #
Target Compounds							
3)	L1 AR-1016-1	4.543	3.796	246349	1062089	0.300	2.789 #
4)	L1 AR-1016-2	4.554	3.796	556486	1062089	0.452	1.874 #
5)	L1 AR-1016-3	4.609	3.964	95335	259458	0.126	0.858 #
6)	L1 AR-1016-4	4.715	4.041	543682	4582241	0.840	19.587 #
7)	L1 AR-1016-5	4.979	4.215	167603	11648988	0.273	38.236 #
8)	L2 AR-1221-1	3.643	3.000	496452	128469	1.592	0.923 #
9)	L2 AR-1221-2	3.722	3.089	1121910	1306012	5.344	13.628 #
10)	L2 AR-1221-3	3.795	3.149	447571	62687	0.677	0.198 #
11)	L3 AR-1232-1	3.795	3.149	447571	62687	0.803	0.236 #
12)	L3 AR-1232-2	4.279	3.796	1451955	1062089	4.817	4.106
13)	L3 AR-1232-3	4.554	3.964	556486	259458	0.982	1.928 #
14)	L3 AR-1232-4	4.687	4.041	142062	4582241	0.486	41.169 #
15)	L3 AR-1232-5	4.783	4.215	152673	11648988	0.770	89.324 #
16)	L4 AR-1242-1	4.543	3.796	246349	1062089	0.367	3.338 #
17)	L4 AR-1242-2	4.554	3.796	556486	1062089	0.555	2.271 #
18)	L4 AR-1242-3	4.609	3.964	95335	259458	0.154	1.032 #
19)	L4 AR-1242-4	4.687	4.041	142062	4582241	0.274	19.690 #
20)	L4 AR-1242-5	5.373	4.541	2905861	462979	5.301	1.527 #
21)	L5 AR-1248-1	4.543	3.796	246349	1062089	0.490	4.311 #
22)	L5 AR-1248-2	4.783	4.041	152673	4582241	0.231	13.220 #
23)	L5 AR-1248-3	4.979	4.041	167603	4582241	0.208	13.324 #
24)	L5 AR-1248-4	5.373	4.215	2905861	11648988	3.282	27.610 #
25)	L5 AR-1248-5	5.373	4.575	2905861	2541460	3.314	5.866 #
26)	L6 AR-1254-1	5.325	4.541	590036	462979	0.676	0.740
27)	L6 AR-1254-2	5.561	4.683	196315	918879	0.150	1.722 #
28)	L6 AR-1254-3	5.896	5.078	983928	5155269	0.700	5.693 #
29)	L6 AR-1254-4	6.193	5.293	562787	799304	0.557	1.435 #
30)	L6 AR-1254-5	6.613	5.676	566909	534153	0.514	0.675 #
31)	L7 AR-1260-1	6.060	5.192	212873	3479619	0.192	5.861 #
32)	L7 AR-1260-2	6.339	5.367	3695447	2075833	2.796	2.936
33)	L7 AR-1260-3	6.675	5.493	1539745	1175417	1.617	1.654
34)	L7 AR-1260-4	6.882	5.991	1010957	1919066	0.939	3.346 #
35)	L7 AR-1260-5	7.215	6.224	2308818	706855	1.106	0.527 #
36)	L8 AR-1262-1	6.675	5.724	1539745	392258	1.235	0.496 #
37)	L8 AR-1262-2	7.215	6.224	2308818	706855	1.074	0.488 #
38)	L8 AR-1262-3	7.441f	6.504	12137175	8030705	8.649	13.731 #
39)	L8 AR-1262-4	7.547	6.553	608418	862709	0.561	0.785 #
40)	L8 AR-1262-5	8.044	7.067	1357562	8148752	1.951	15.190 #
41)	L9 AR-1268-1	7.441	6.504	12137175	8030705	3.702	3.521

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 Acq On : 09 Feb 2023 08:44
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

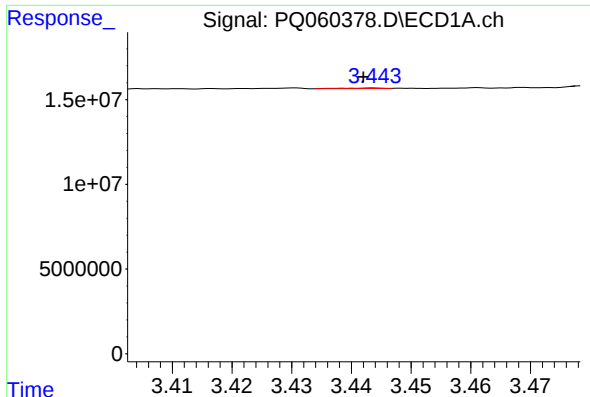
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 21:16:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020723CLP.M
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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	7.547	6.553	608418	862709	0.201	0.408 #
43) L9	AR-1268-3	7.733	6.774	7049	3286572	0.003	1.805 #
44) L9	AR-1268-4	8.044	7.067	1357562	8148752	1.287	10.209 #
45) L9	AR-1268-5	8.351	7.297	437433	5030464	0.058	0.870 #

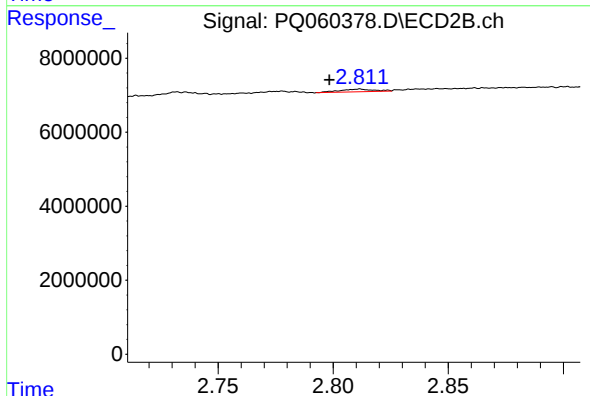
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

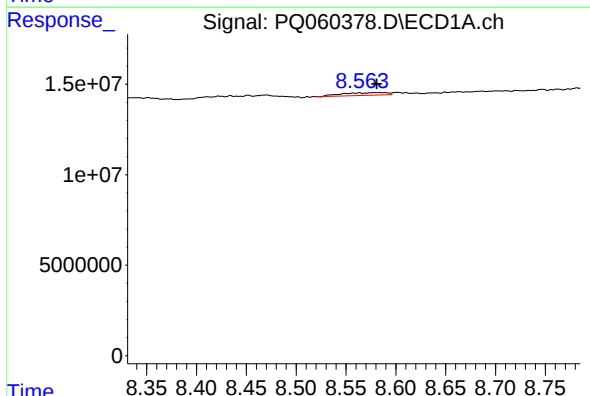
R.T.: 3.444 min
Delta R.T.: 0.002 min
Response: 142336
Conc: 0.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



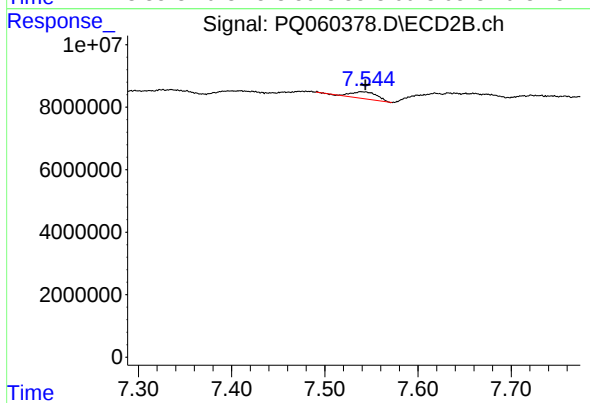
#1 Tetrachloro-m-xylene

R.T.: 2.812 min
Delta R.T.: 0.013 min
Response: 740630
Conc: 0.06 ng/ml



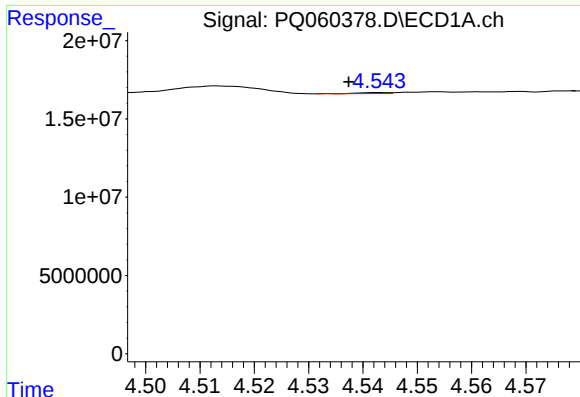
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.003 min
Response: 4608077
Conc: 0.31 ng/ml



#2 Decachlorobiphenyl

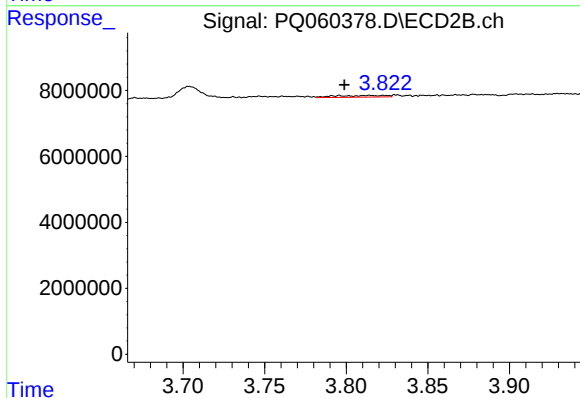
R.T.: 7.539 min
Delta R.T.: -0.005 min
Response: 4229993
Conc: 0.39 ng/ml



#3 AR-1016-1

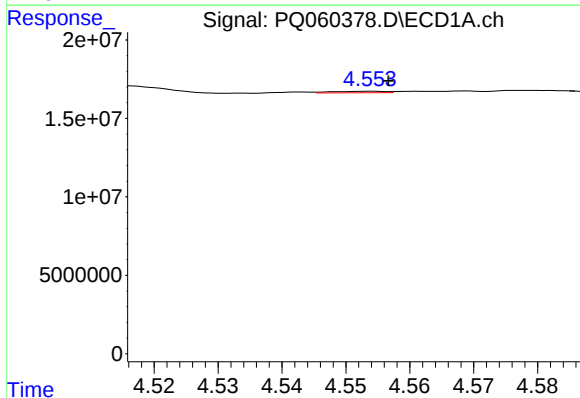
R.T.: 4.543 min
Delta R.T.: 0.006 min
Response: 246349
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



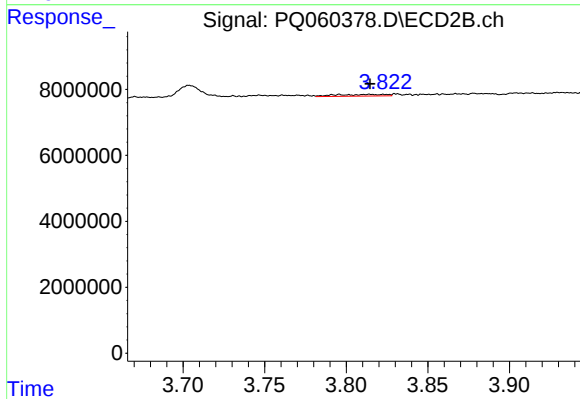
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 1062089
Conc: 2.79 ng/ml



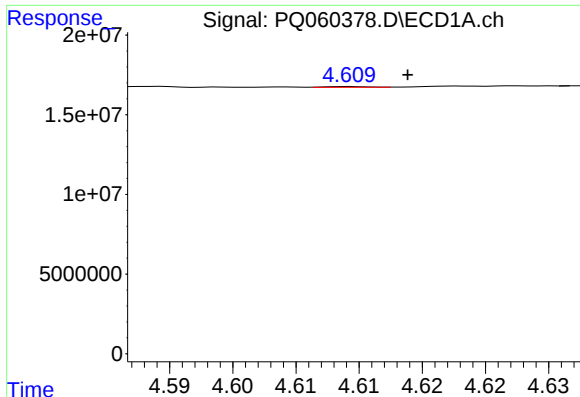
#4 AR-1016-2

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 556486
Conc: 0.45 ng/ml



#4 AR-1016-2

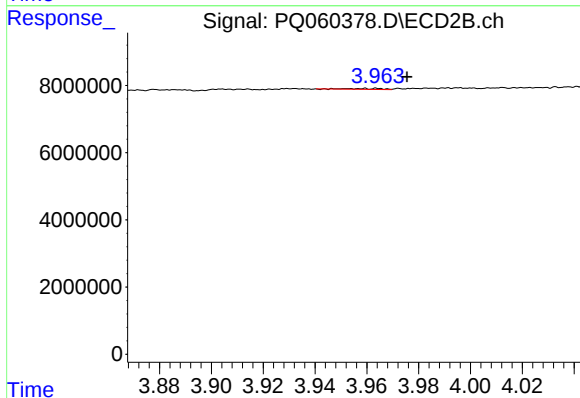
R.T.: 3.796 min
Delta R.T.: -0.019 min
Response: 1062089
Conc: 1.87 ng/ml



#5 AR-1016-3

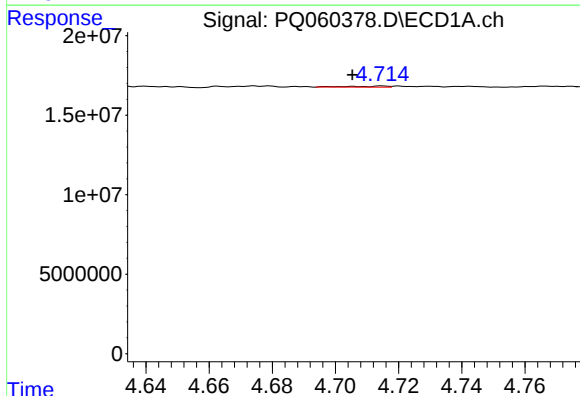
R.T.: 4.609 min
Delta R.T.: -0.004 min
Response: 95335
Conc: 0.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



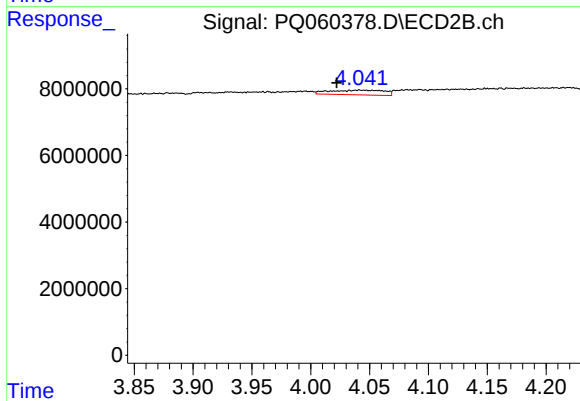
#5 AR-1016-3

R.T.: 3.964 min
Delta R.T.: -0.012 min
Response: 259458
Conc: 0.86 ng/ml



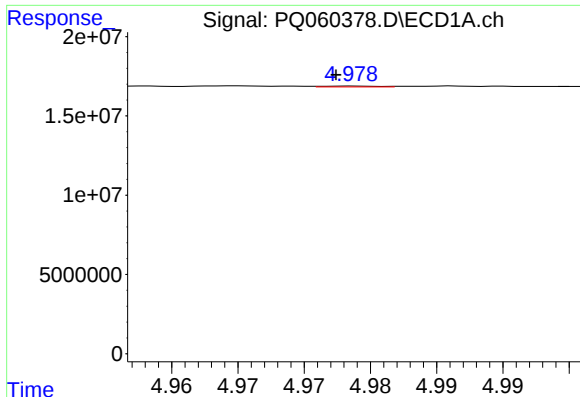
#6 AR-1016-4

R.T.: 4.715 min
Delta R.T.: 0.009 min
Response: 543682
Conc: 0.84 ng/ml



#6 AR-1016-4

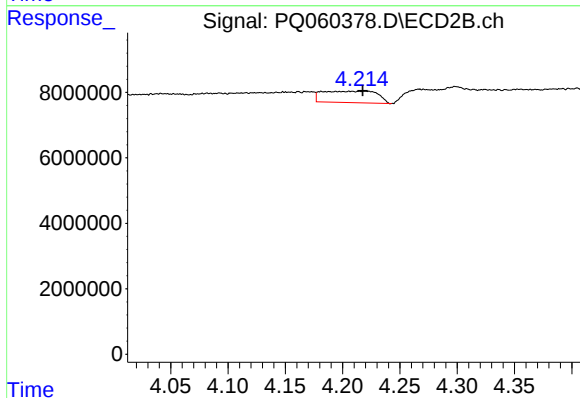
R.T.: 4.041 min
Delta R.T.: 0.020 min
Response: 4582241
Conc: 19.59 ng/ml



#7 AR-1016-5

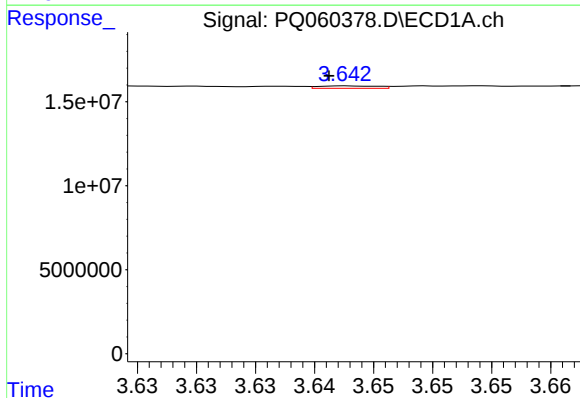
R.T.: 4.979 min
Delta R.T.: 0.001 min
Response: 167603
Conc: 0.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



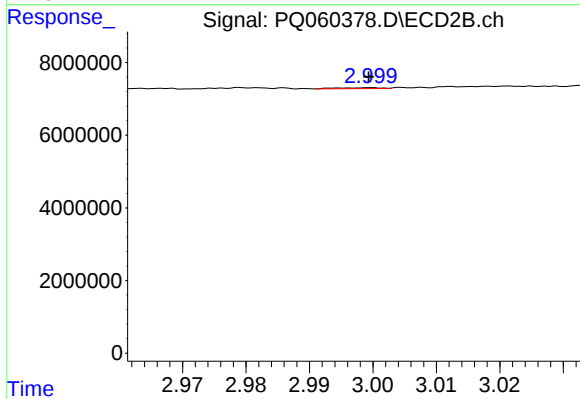
#7 AR-1016-5

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 11648988
Conc: 38.24 ng/ml



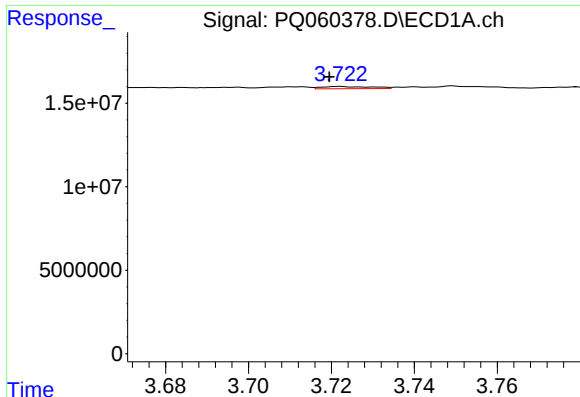
#8 AR-1221-1

R.T.: 3.643 min
Delta R.T.: 0.002 min
Response: 496452
Conc: 1.59 ng/ml



#8 AR-1221-1

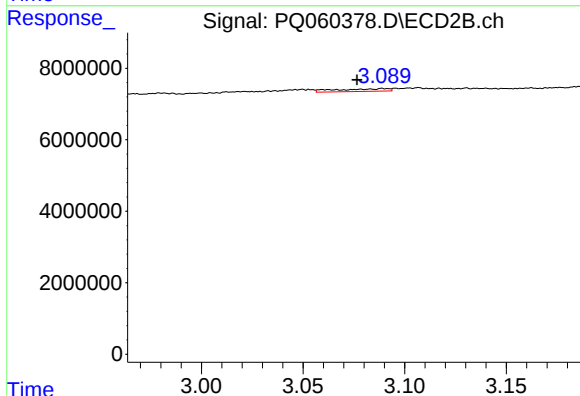
R.T.: 3.000 min
Delta R.T.: 0.000 min
Response: 128469
Conc: 0.92 ng/ml



#9 AR-1221-2

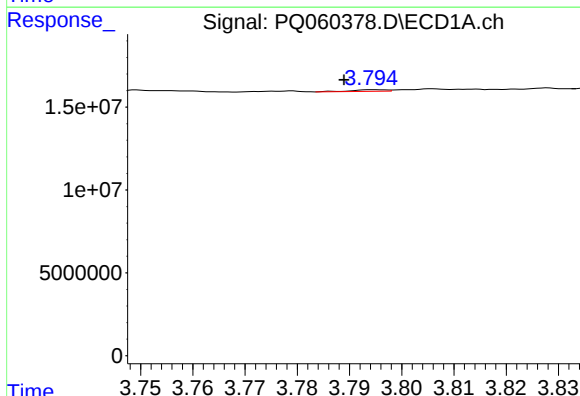
R.T.: 3.722 min
Delta R.T.: 0.003 min
Response: 1121910
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



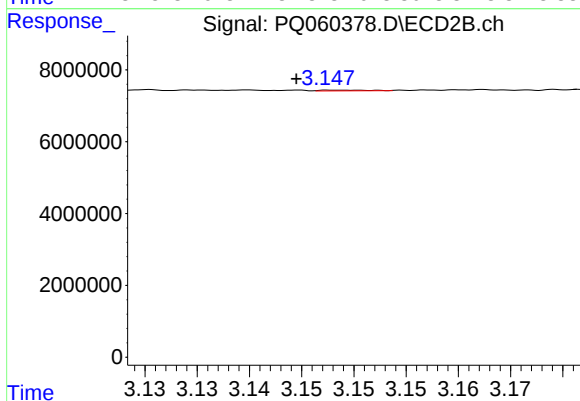
#9 AR-1221-2

R.T.: 3.089 min
Delta R.T.: 0.012 min
Response: 1306012
Conc: 13.63 ng/ml



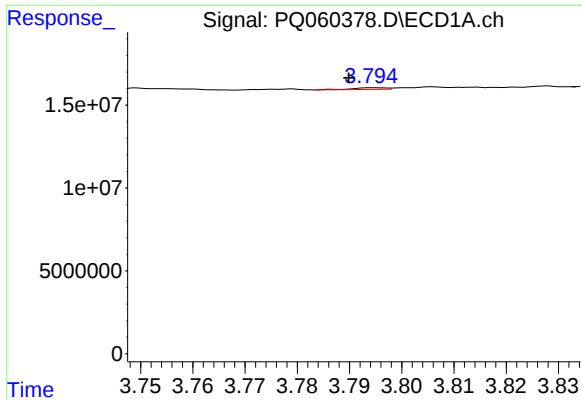
#10 AR-1221-3

R.T.: 3.795 min
Delta R.T.: 0.006 min
Response: 447571
Conc: 0.68 ng/ml



#10 AR-1221-3

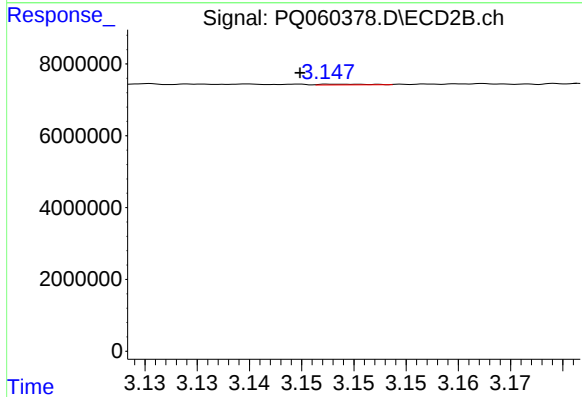
R.T.: 3.149 min
Delta R.T.: 0.004 min
Response: 62687
Conc: 0.20 ng/ml



#11 AR-1232-1

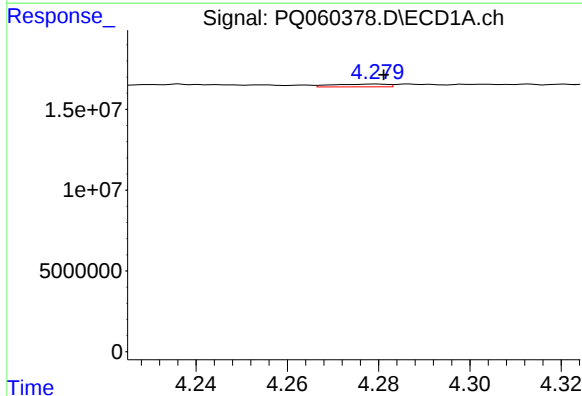
R.T.: 3.795 min
Delta R.T.: 0.005 min
Response: 447571
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



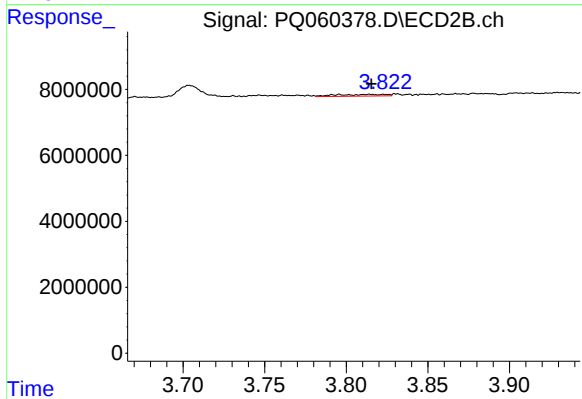
#11 AR-1232-1

R.T.: 3.149 min
Delta R.T.: 0.004 min
Response: 62687
Conc: 0.24 ng/ml



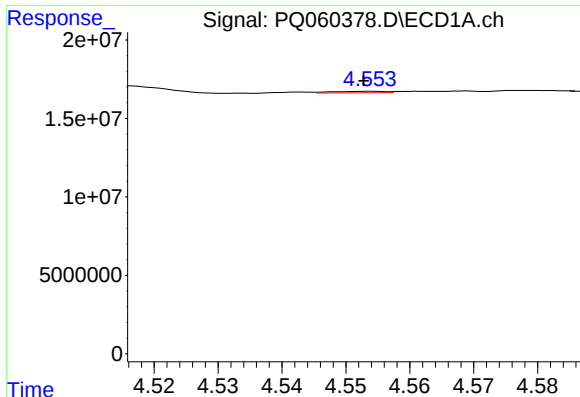
#12 AR-1232-2

R.T.: 4.279 min
Delta R.T.: -0.002 min
Response: 1451955
Conc: 4.82 ng/ml



#12 AR-1232-2

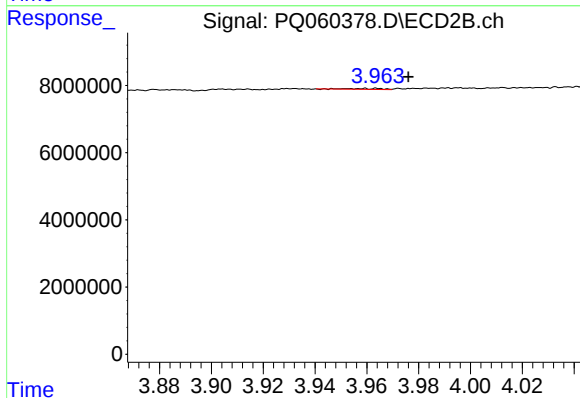
R.T.: 3.796 min
Delta R.T.: -0.019 min
Response: 1062089
Conc: 4.11 ng/ml



#13 AR-1232-3

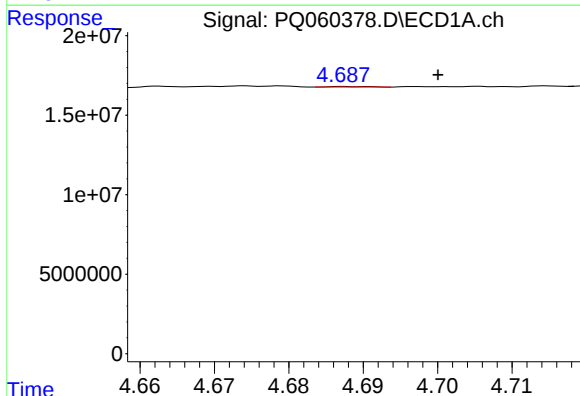
R.T.: 4.554 min
Delta R.T.: 0.001 min
Response: 556486
Conc: 0.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



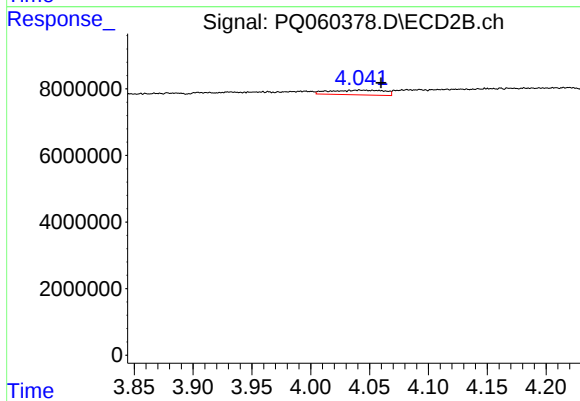
#13 AR-1232-3

R.T.: 3.964 min
Delta R.T.: -0.012 min
Response: 259458
Conc: 1.93 ng/ml



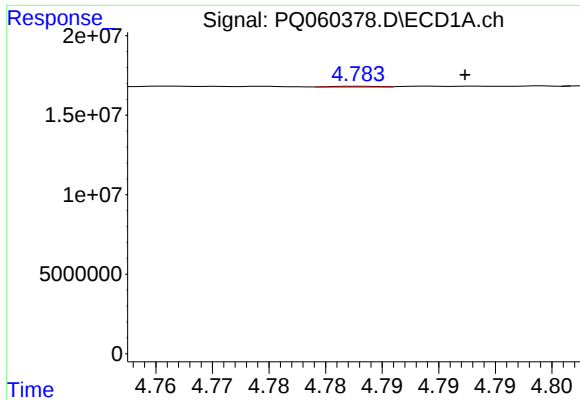
#14 AR-1232-4

R.T.: 4.687 min
Delta R.T.: -0.013 min
Response: 142062
Conc: 0.49 ng/ml



#14 AR-1232-4

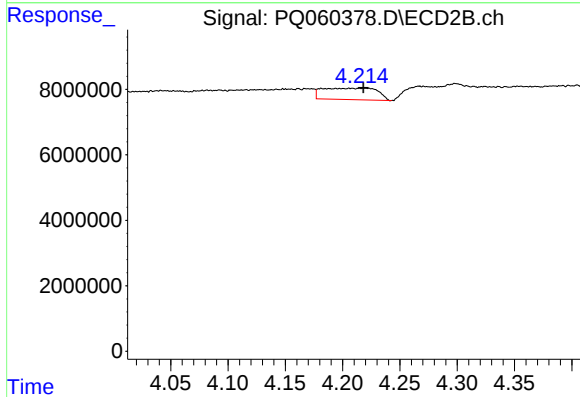
R.T.: 4.041 min
Delta R.T.: -0.018 min
Response: 4582241
Conc: 41.17 ng/ml



#15 AR-1232-5

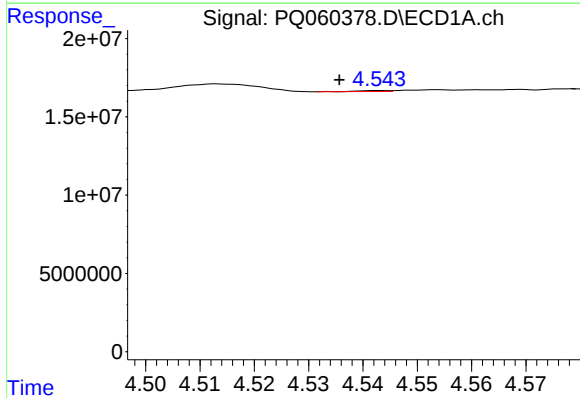
R.T.: 4.783 min
Delta R.T.: -0.009 min
Response: 152673
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



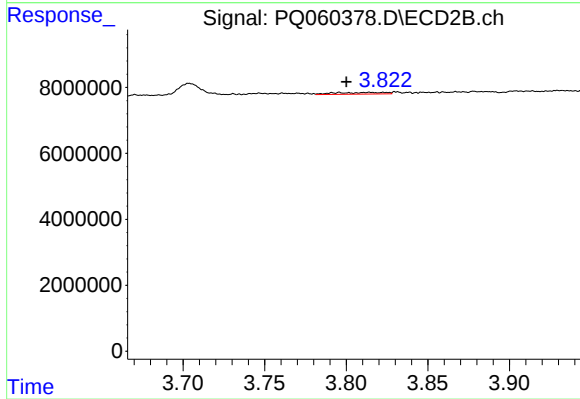
#15 AR-1232-5

R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 11648988
Conc: 89.32 ng/ml



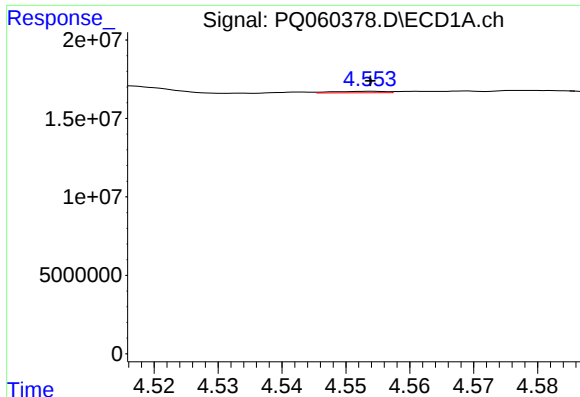
#16 AR-1242-1

R.T.: 4.543 min
Delta R.T.: 0.008 min
Response: 246349
Conc: 0.37 ng/ml



#16 AR-1242-1

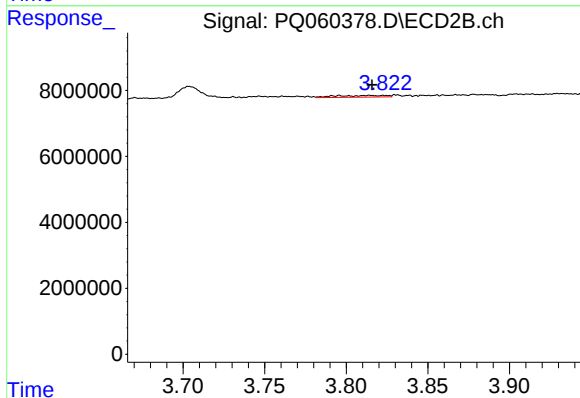
R.T.: 3.796 min
Delta R.T.: -0.004 min
Response: 1062089
Conc: 3.34 ng/ml



#17 AR-1242-2

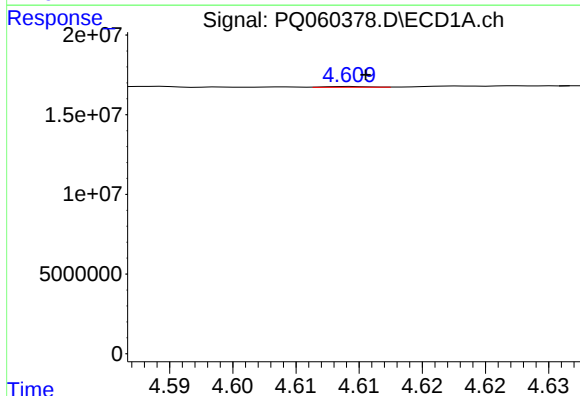
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 556486
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



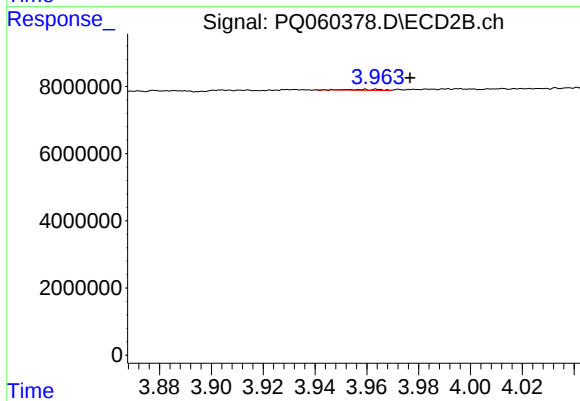
#17 AR-1242-2

R.T.: 3.796 min
Delta R.T.: -0.020 min
Response: 1062089
Conc: 2.27 ng/ml



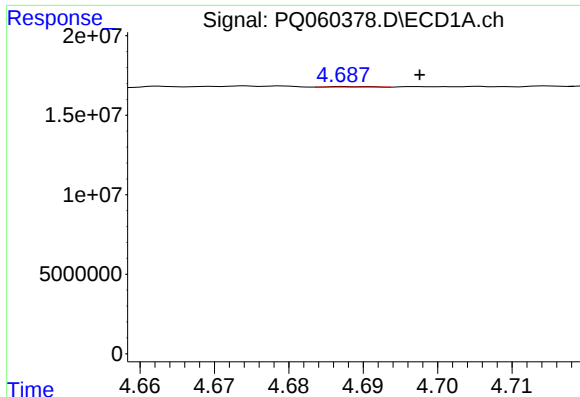
#18 AR-1242-3

R.T.: 4.609 min
Delta R.T.: -0.001 min
Response: 95335
Conc: 0.15 ng/ml



#18 AR-1242-3

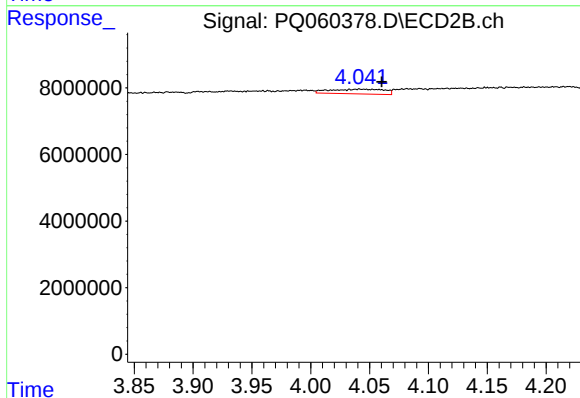
R.T.: 3.964 min
Delta R.T.: -0.013 min
Response: 259458
Conc: 1.03 ng/ml



#19 AR-1242-4

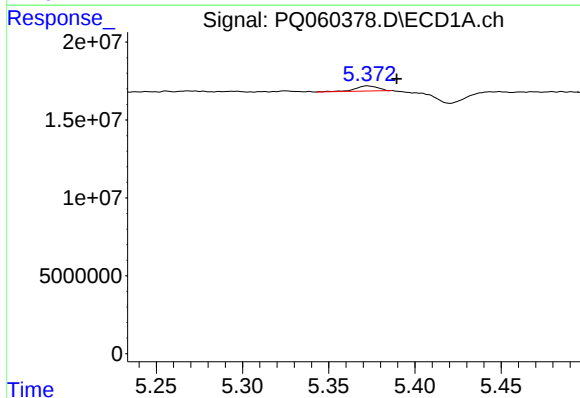
R.T.: 4.687 min
Delta R.T.: -0.010 min
Response: 142062
Conc: 0.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



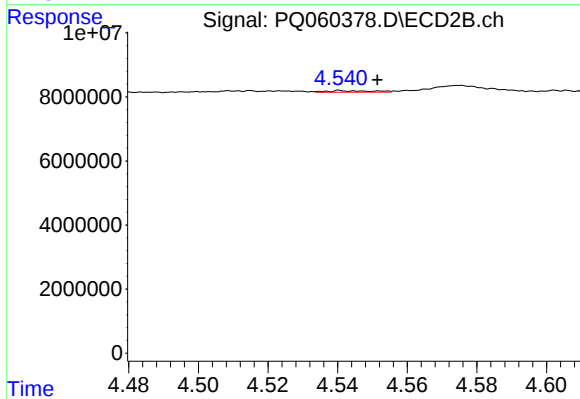
#19 AR-1242-4

R.T.: 4.041 min
Delta R.T.: -0.019 min
Response: 4582241
Conc: 19.69 ng/ml



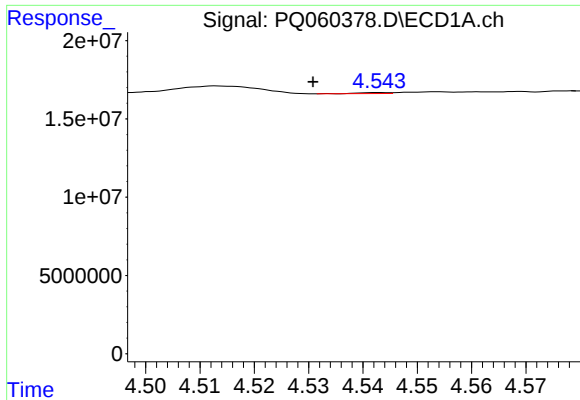
#20 AR-1242-5

R.T.: 5.373 min
Delta R.T.: -0.017 min
Response: 2905861
Conc: 5.30 ng/ml



#20 AR-1242-5

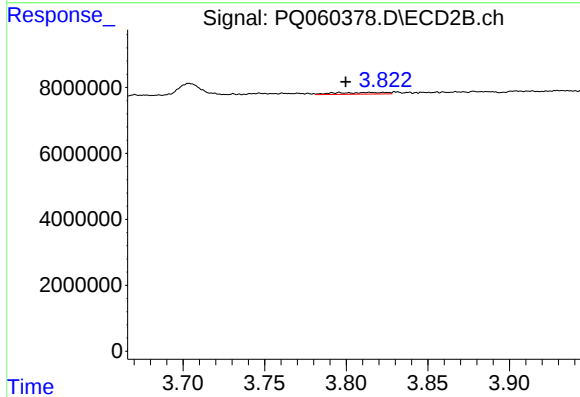
R.T.: 4.541 min
Delta R.T.: -0.010 min
Response: 462979
Conc: 1.53 ng/ml



#21 AR-1248-1

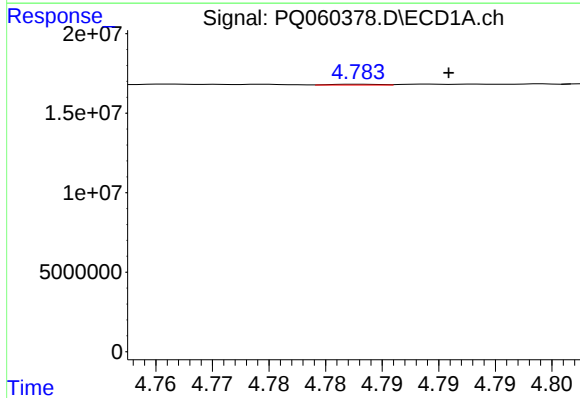
R.T.: 4.543 min
Delta R.T.: 0.012 min
Response: 246349
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



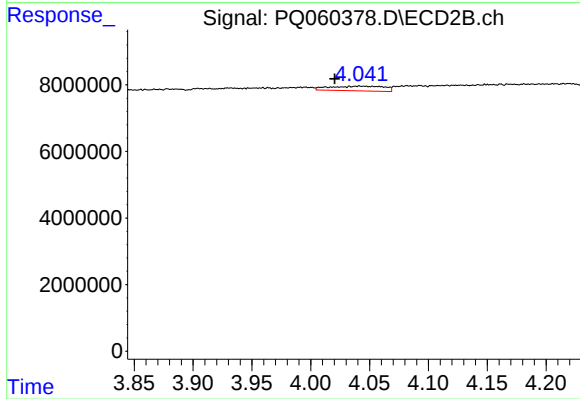
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: -0.004 min
Response: 1062089
Conc: 4.31 ng/ml



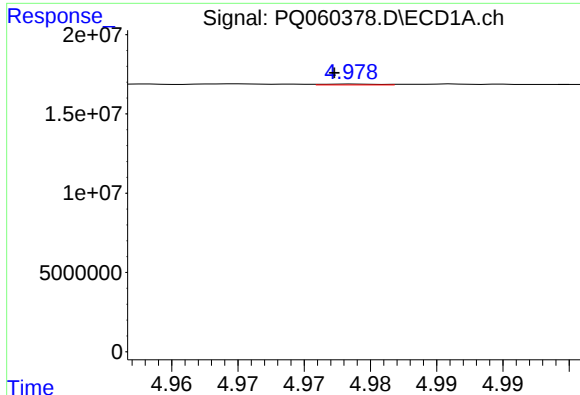
#22 AR-1248-2

R.T.: 4.783 min
Delta R.T.: -0.008 min
Response: 152673
Conc: 0.23 ng/ml



#22 AR-1248-2

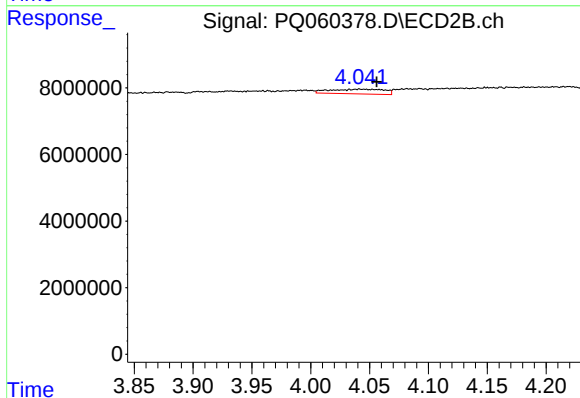
R.T.: 4.041 min
Delta R.T.: 0.021 min
Response: 4582241
Conc: 13.22 ng/ml



#23 AR-1248-3

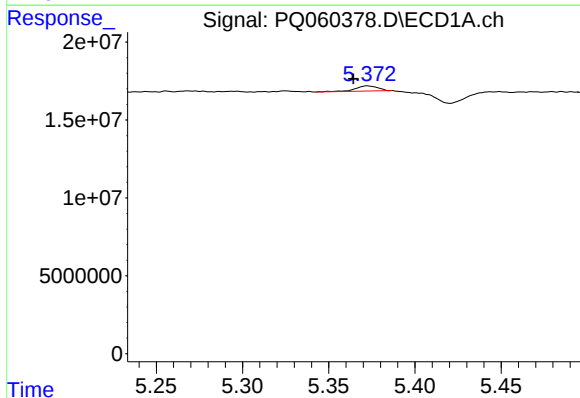
R.T.: 4.979 min
Delta R.T.: 0.001 min
Response: 167603
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



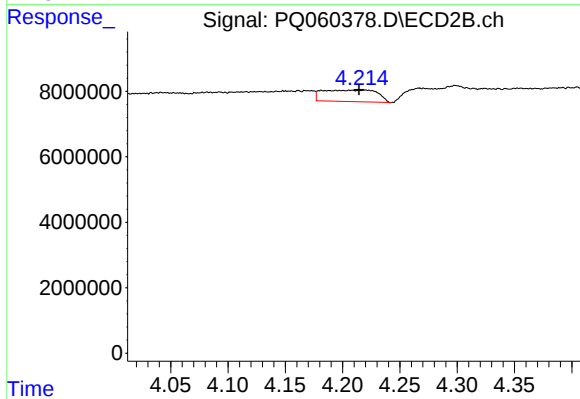
#23 AR-1248-3

R.T.: 4.041 min
Delta R.T.: -0.015 min
Response: 4582241
Conc: 13.32 ng/ml



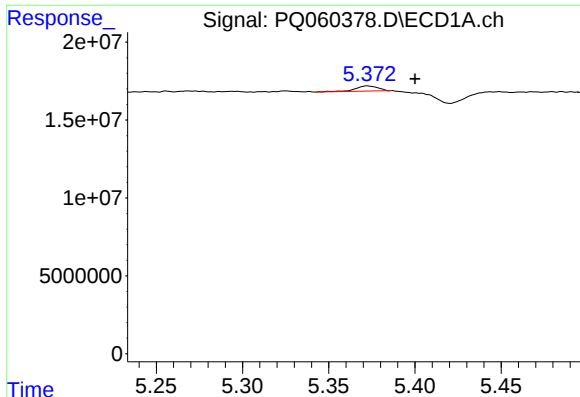
#24 AR-1248-4

R.T.: 5.373 min
Delta R.T.: 0.008 min
Response: 2905861
Conc: 3.28 ng/ml



#24 AR-1248-4

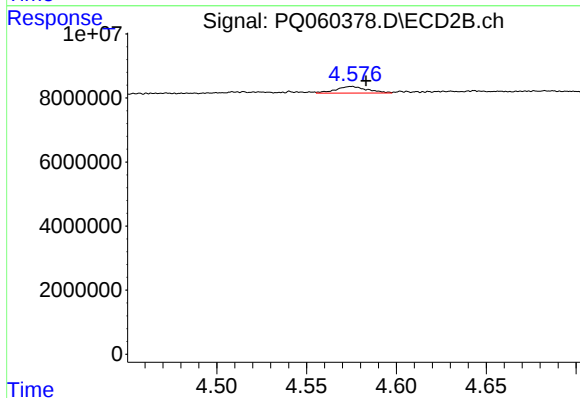
R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 11648988
Conc: 27.61 ng/ml



#25 AR-1248-5

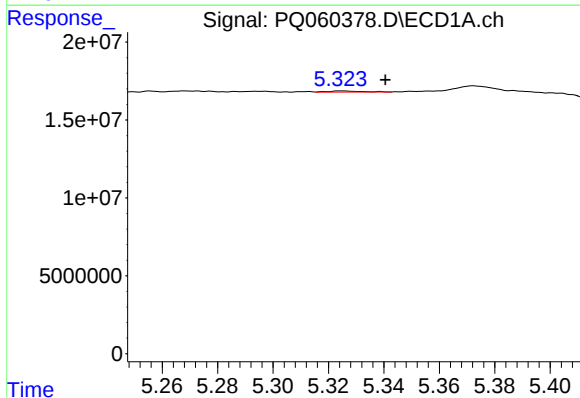
R.T.: 5.373 min
Delta R.T.: -0.028 min
Response: 2905861
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



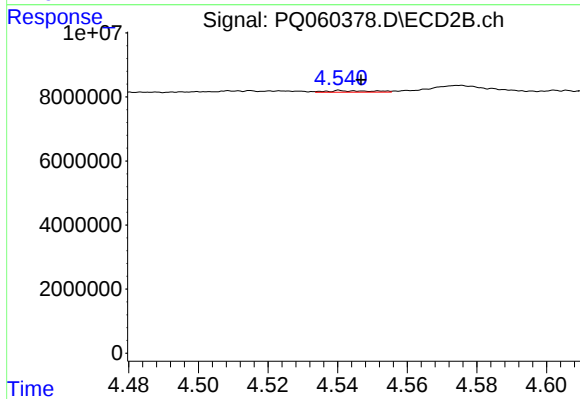
#25 AR-1248-5

R.T.: 4.575 min
Delta R.T.: -0.008 min
Response: 2541460
Conc: 5.87 ng/ml



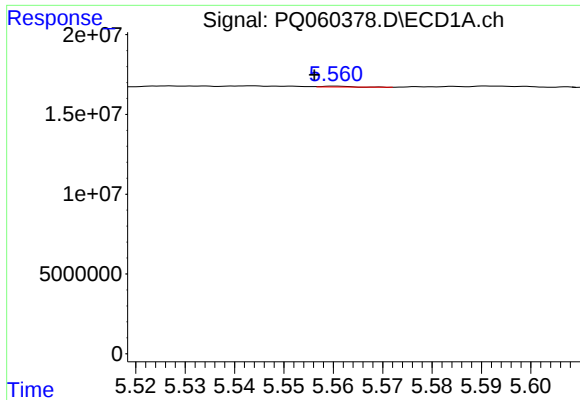
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.016 min
Response: 590036
Conc: 0.68 ng/ml



#26 AR-1254-1

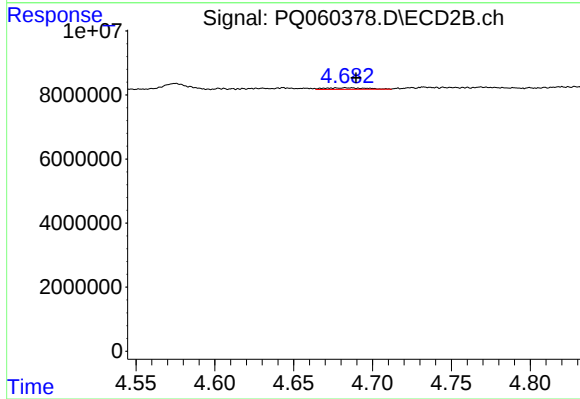
R.T.: 4.541 min
Delta R.T.: -0.006 min
Response: 462979
Conc: 0.74 ng/ml



#27 AR-1254-2

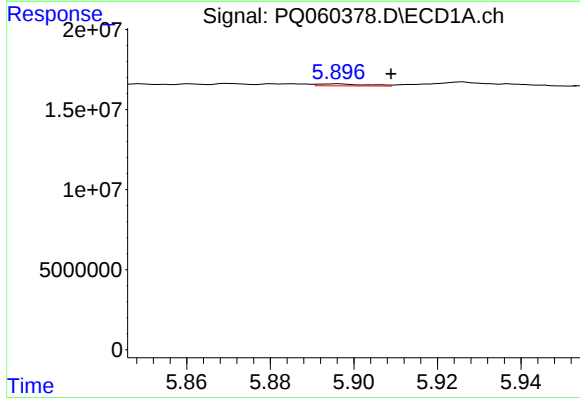
R.T.: 5.561 min
Delta R.T.: 0.004 min
Response: 196315
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



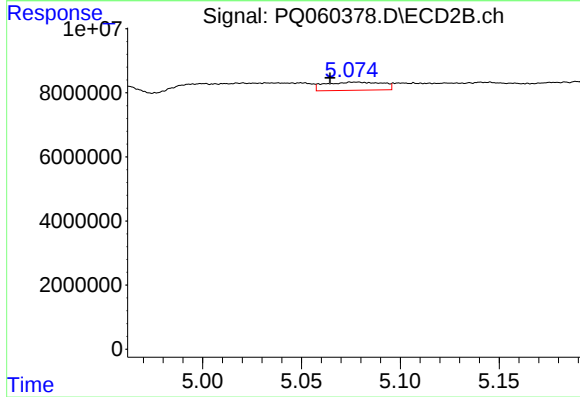
#27 AR-1254-2

R.T.: 4.683 min
Delta R.T.: -0.006 min
Response: 918879
Conc: 1.72 ng/ml



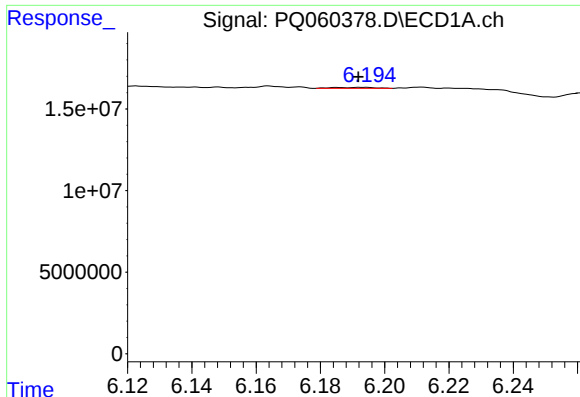
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: -0.013 min
Response: 983928
Conc: 0.70 ng/ml



#28 AR-1254-3

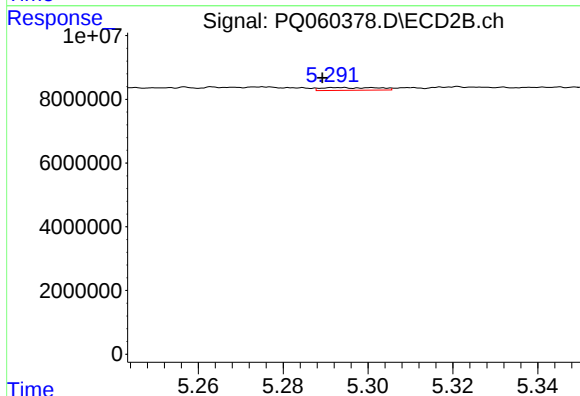
R.T.: 5.078 min
Delta R.T.: 0.013 min
Response: 5155269
Conc: 5.69 ng/ml



#29 AR-1254-4

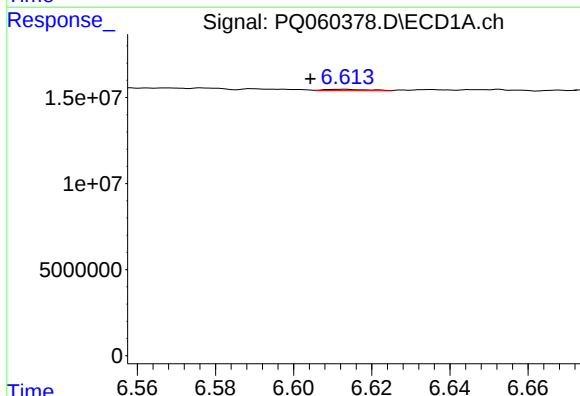
R.T.: 6.193 min
Delta R.T.: 0.002 min
Response: 562787
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



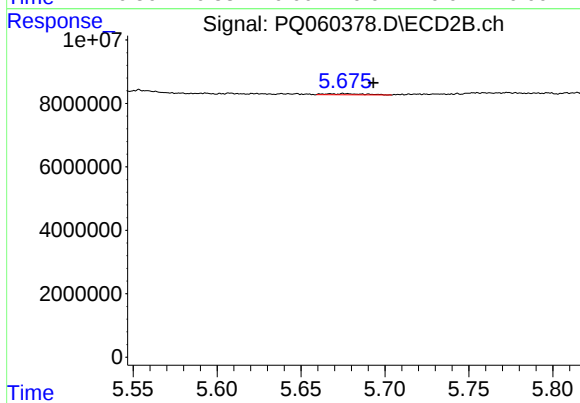
#29 AR-1254-4

R.T.: 5.293 min
Delta R.T.: 0.004 min
Response: 799304
Conc: 1.43 ng/ml



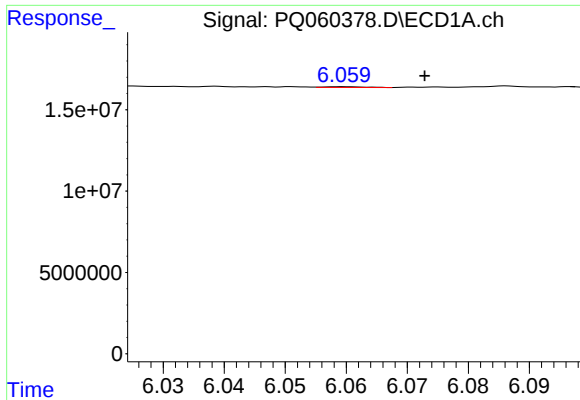
#30 AR-1254-5

R.T.: 6.613 min
Delta R.T.: 0.008 min
Response: 566909
Conc: 0.51 ng/ml



#30 AR-1254-5

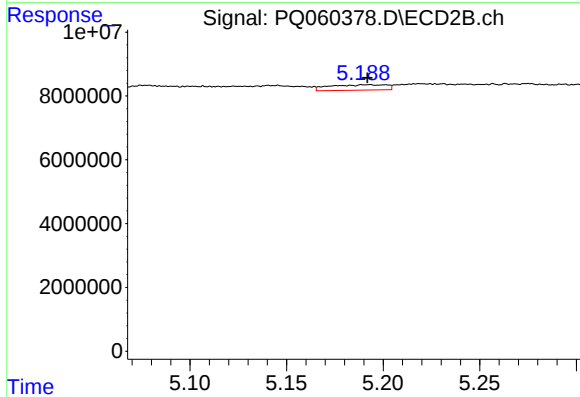
R.T.: 5.676 min
Delta R.T.: -0.017 min
Response: 534153
Conc: 0.67 ng/ml



#31 AR-1260-1

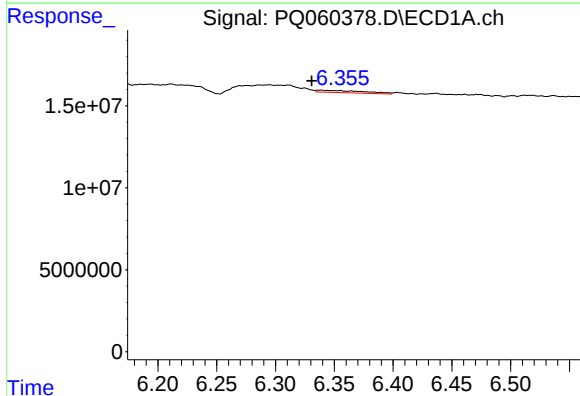
R.T.: 6.060 min
Delta R.T.: -0.013 min
Response: 212873
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



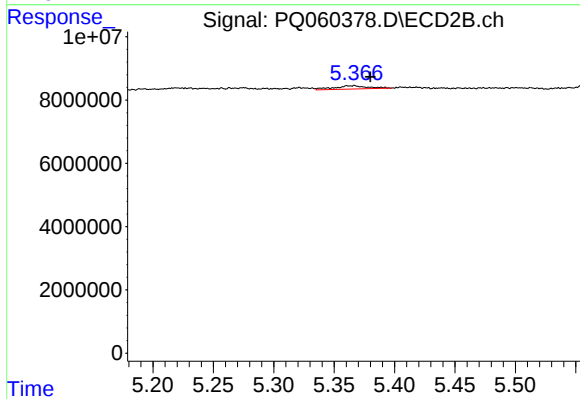
#31 AR-1260-1

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 3479619
Conc: 5.86 ng/ml



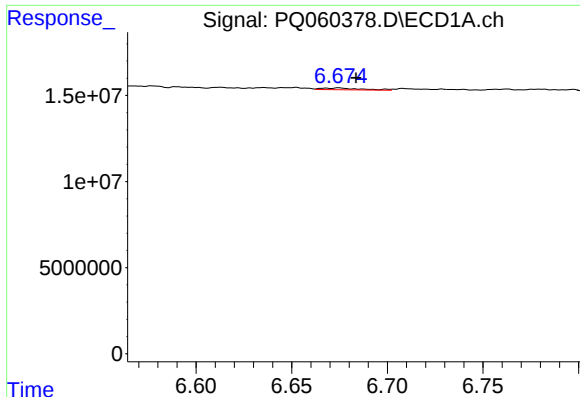
#32 AR-1260-2

R.T.: 6.339 min
Delta R.T.: 0.008 min
Response: 3695447
Conc: 2.80 ng/ml



#32 AR-1260-2

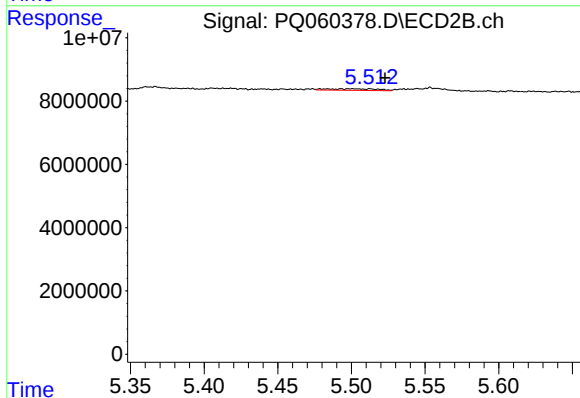
R.T.: 5.367 min
Delta R.T.: -0.013 min
Response: 2075833
Conc: 2.94 ng/ml



#33 AR-1260-3

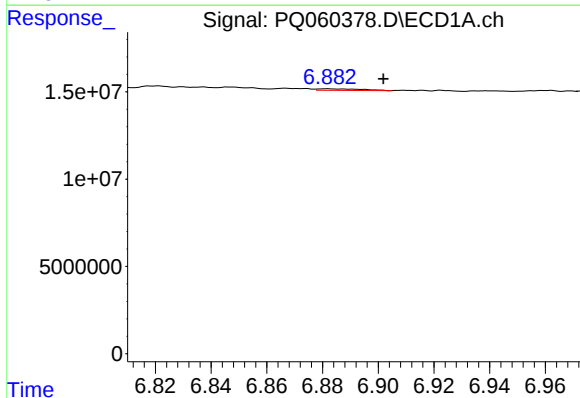
R.T.: 6.675 min
Delta R.T.: -0.009 min
Response: 1539745
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



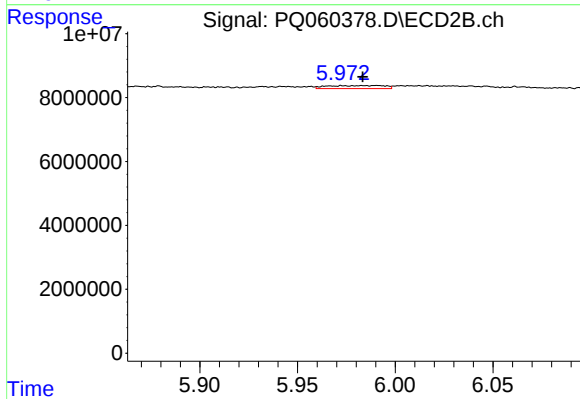
#33 AR-1260-3

R.T.: 5.493 min
Delta R.T.: -0.030 min
Response: 1175417
Conc: 1.65 ng/ml



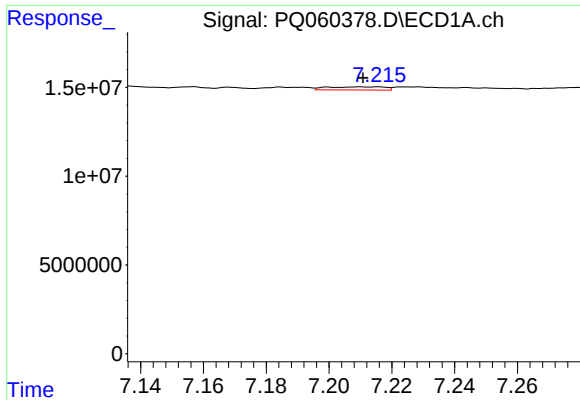
#34 AR-1260-4

R.T.: 6.882 min
Delta R.T.: -0.020 min
Response: 1010957
Conc: 0.94 ng/ml



#34 AR-1260-4

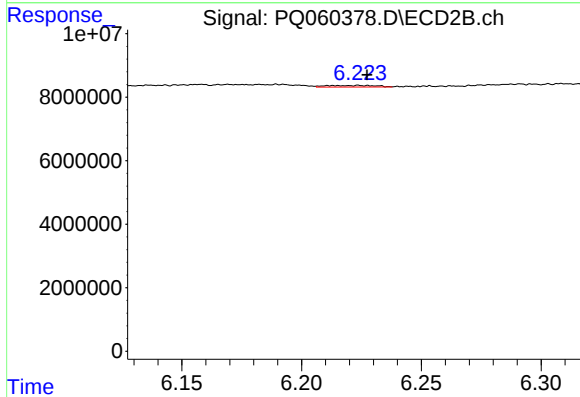
R.T.: 5.991 min
Delta R.T.: 0.007 min
Response: 1919066
Conc: 3.35 ng/ml



#35 AR-1260-5

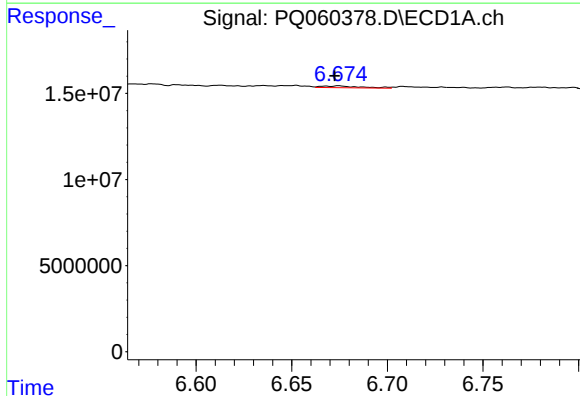
R.T.: 7.215 min
Delta R.T.: 0.005 min
Response: 2308818
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



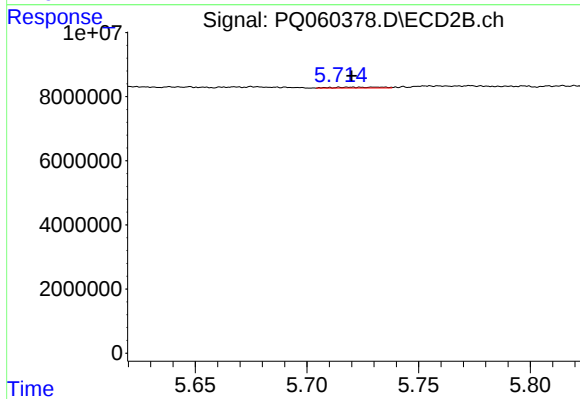
#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 706855
Conc: 0.53 ng/ml



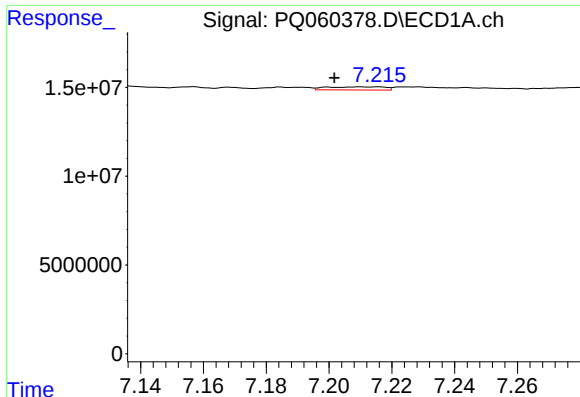
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.002 min
Response: 1539745
Conc: 1.23 ng/ml



#36 AR-1262-1

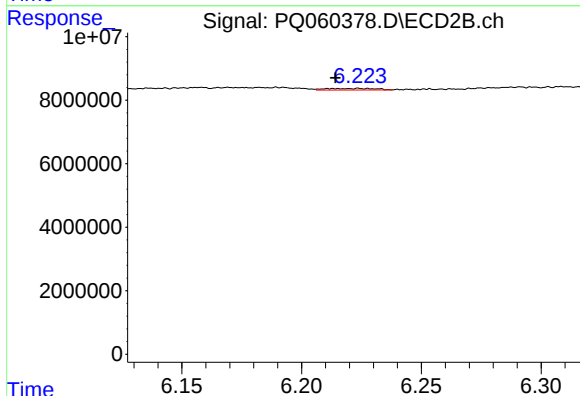
R.T.: 5.724 min
Delta R.T.: 0.004 min
Response: 392258
Conc: 0.50 ng/ml



#37 AR-1262-2

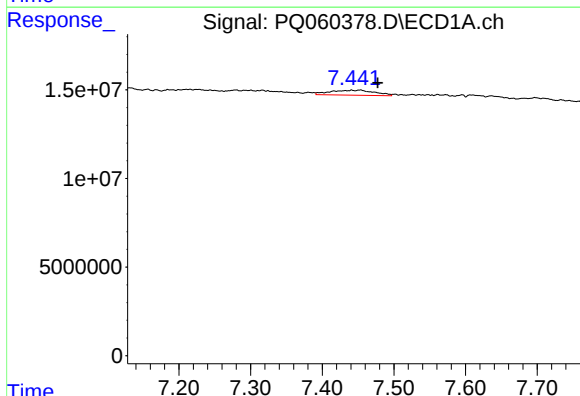
R.T.: 7.215 min
Delta R.T.: 0.014 min
Response: 2308818
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



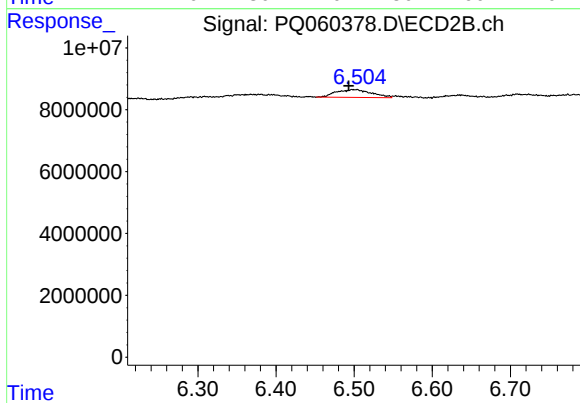
#37 AR-1262-2

R.T.: 6.224 min
Delta R.T.: 0.010 min
Response: 706855
Conc: 0.49 ng/ml



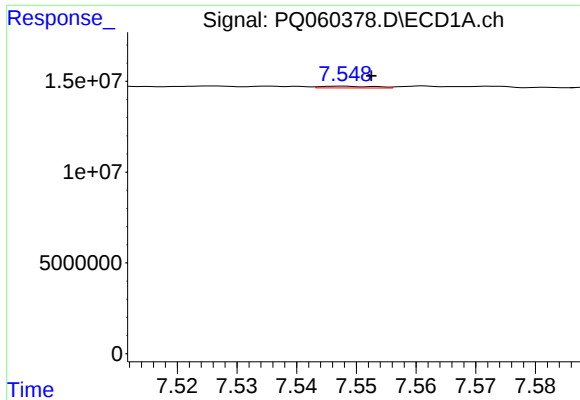
#38 AR-1262-3

R.T.: 7.441 min
Delta R.T.: -0.036 min
Response: 12137175
Conc: 8.65 ng/ml



#38 AR-1262-3

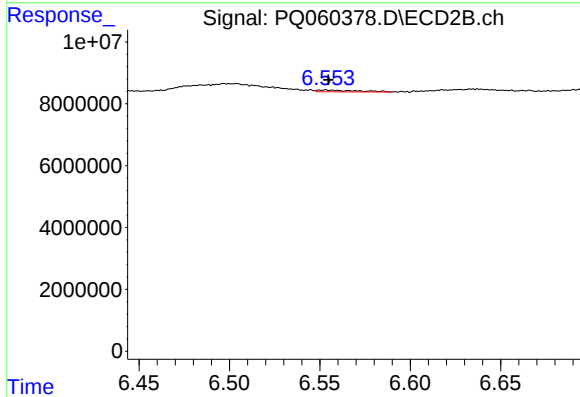
R.T.: 6.504 min
Delta R.T.: 0.011 min
Response: 8030705
Conc: 13.73 ng/ml



#39 AR-1262-4

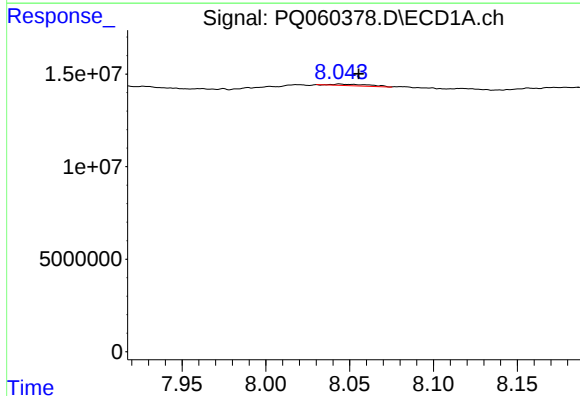
R.T.: 7.547 min
Delta R.T.: -0.005 min
Response: 608418
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



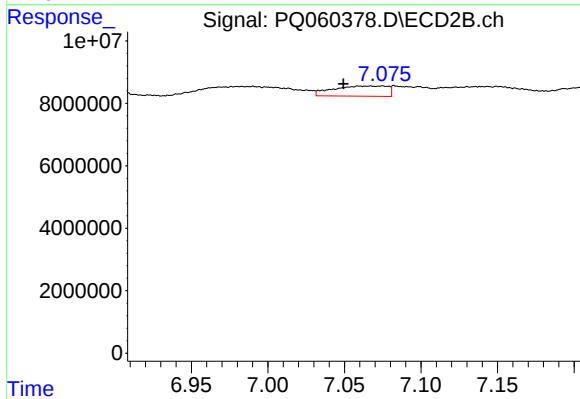
#39 AR-1262-4

R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 862709
Conc: 0.78 ng/ml



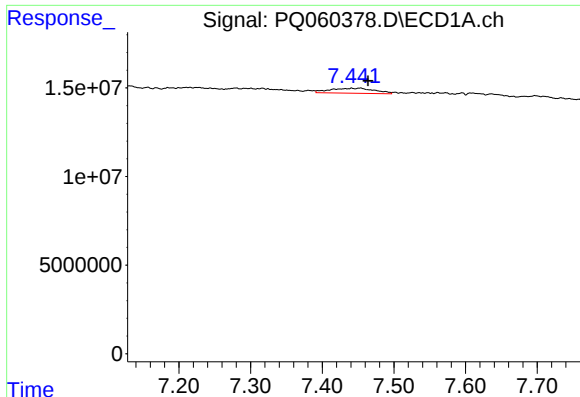
#40 AR-1262-5

R.T.: 8.044 min
Delta R.T.: -0.011 min
Response: 1357562
Conc: 1.95 ng/ml



#40 AR-1262-5

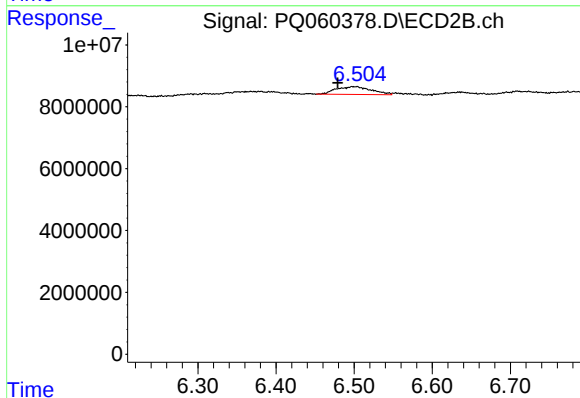
R.T.: 7.067 min
Delta R.T.: 0.018 min
Response: 8148752
Conc: 15.19 ng/ml



#41 AR-1268-1

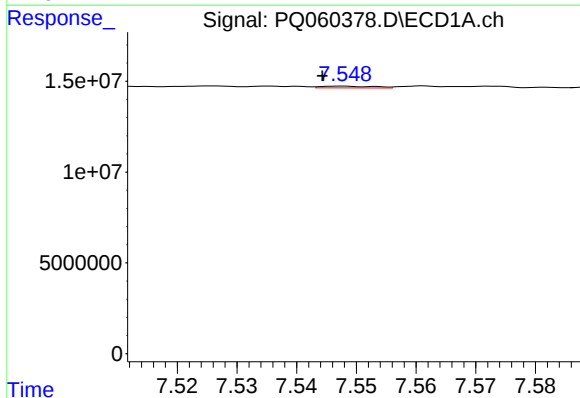
R.T.: 7.441 min
Delta R.T.: -0.023 min
Response: 12137175
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



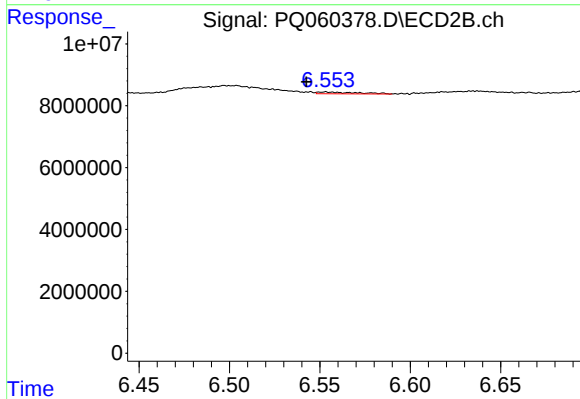
#41 AR-1268-1

R.T.: 6.504 min
Delta R.T.: 0.025 min
Response: 8030705
Conc: 3.52 ng/ml



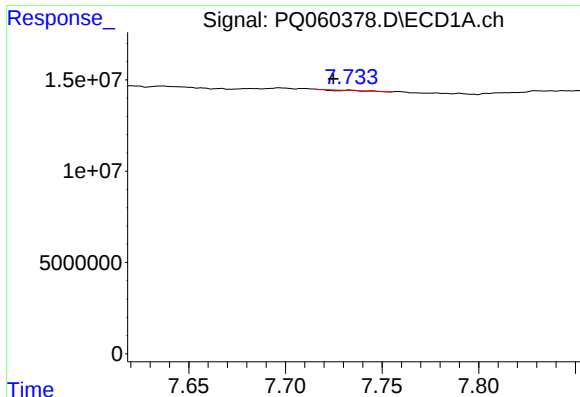
#42 AR-1268-2

R.T.: 7.547 min
Delta R.T.: 0.003 min
Response: 608418
Conc: 0.20 ng/ml



#42 AR-1268-2

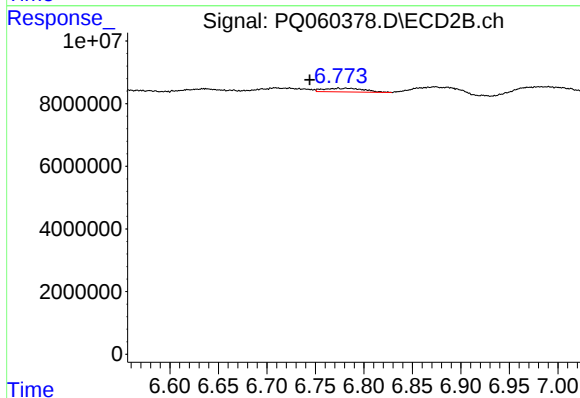
R.T.: 6.553 min
Delta R.T.: 0.011 min
Response: 862709
Conc: 0.41 ng/ml



#43 AR-1268-3

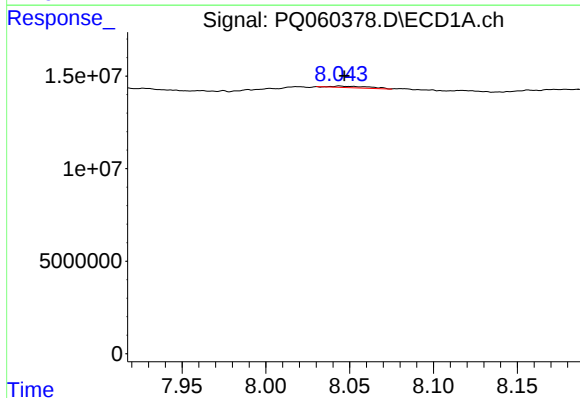
R.T.: 7.733 min
Delta R.T.: 0.009 min
Response: 7049
Conc: 0.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



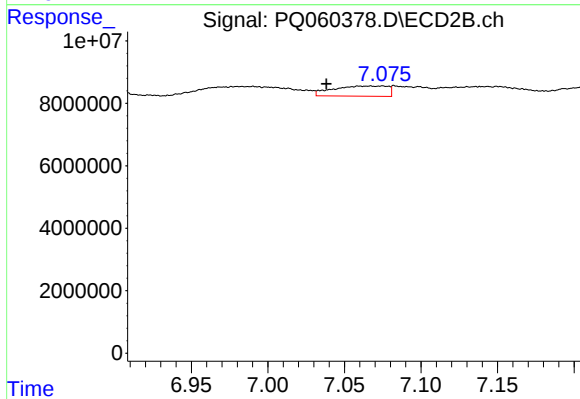
#43 AR-1268-3

R.T.: 6.774 min
Delta R.T.: 0.029 min
Response: 3286572
Conc: 1.80 ng/ml



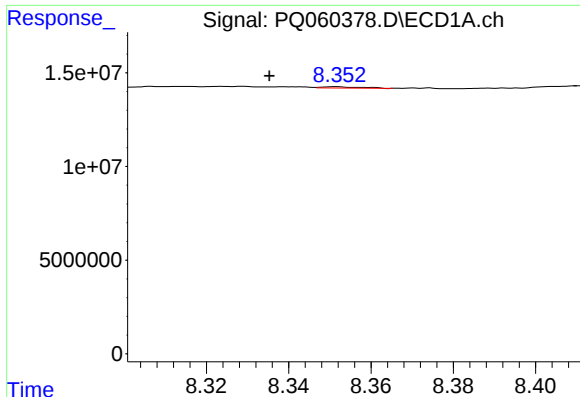
#44 AR-1268-4

R.T.: 8.044 min
Delta R.T.: -0.003 min
Response: 1357562
Conc: 1.29 ng/ml



#44 AR-1268-4

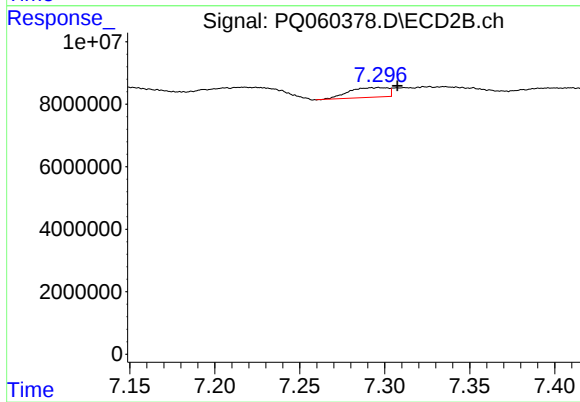
R.T.: 7.067 min
Delta R.T.: 0.029 min
Response: 8148752
Conc: 10.21 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.016 min
Response: 437433
Conc: 0.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.297 min
Delta R.T.: -0.011 min
Response: 5030464
Conc: 0.87 ng/ml