

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062623\
 Data File : PQ061676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2023 10:08
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 11:38:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.404	2.759	95706350	53250569	21.292	19.941
2)	SA Decachlor...	8.585	7.530	71595555	72025229	21.253	21.458
Target Compounds							
3)	L1 AR-1016-1	4.503	3.758	11613	160681	0.075	1.558 #
4)	L1 AR-1016-2	4.526	3.782	62226	134570	0.273	0.903 #
5)	L1 AR-1016-3	4.579	3.936	94199	50687	0.663	0.641
6)	L1 AR-1016-4	4.661	3.995	111078	121649	0.965	1.713 #
7)	L1 AR-1016-5	4.951	4.184	141024	54569	1.220	0.637 #
8)	L2 AR-1221-1	3.606	2.967	100144	81536	1.785	2.290 #
9)	L2 AR-1221-2	3.682	3.028	1391177	994779	32.966	36.118
10)	L2 AR-1221-3	3.734	3.114	145388	78744	1.109	0.929
11)	L3 AR-1232-1	3.734	3.114	145388	78744	1.521	1.279
12)	L3 AR-1232-2	4.241	3.782	101871	134570	1.854	1.953
13)	L3 AR-1232-3	4.526	3.936	62226	50687	0.596	1.402 #
14)	L3 AR-1232-4	4.687	4.023	256138	104283	4.828	3.236 #
15)	L3 AR-1232-5	4.777	4.184	379829	54569	10.072	1.424 #
16)	L4 AR-1242-1	4.503	3.758	11613	160681	0.102	2.098 #
17)	L4 AR-1242-2	4.526	3.782	62226	134570	0.366	1.214 #
18)	L4 AR-1242-3	4.579	3.936	94199	50687	0.881	0.856
19)	L4 AR-1242-4	4.687	4.023	256138	104283	2.951	1.741 #
20)	L4 AR-1242-5	5.401	4.520	146074	138781	1.647	1.733
21)	L5 AR-1248-1	4.503	3.758	11613	160681	0.129	2.582 #
22)	L5 AR-1248-2	4.777	3.995	379829	121649	2.988	1.259 #
23)	L5 AR-1248-3	4.951	4.023	141024	104283	0.915	1.141
24)	L5 AR-1248-4	5.354	4.184	1122093	54569	6.610	0.482 #
25)	L5 AR-1248-5	5.401	4.561	146074	76773	0.892	0.697
26)	L6 AR-1254-1	5.316	4.520	794115	138781	4.649	0.844 #
27)	L6 AR-1254-2	5.548	4.662	335936	134344	1.256	0.893 #
28)	L6 AR-1254-3	5.913	5.048	264191	686606	0.945	2.951 #
29)	L6 AR-1254-4	6.179	5.275	53055	110978	0.259	0.772 #
30)	L6 AR-1254-5	6.588	5.681	82470	2080316	0.350	9.120 #
31)	L7 AR-1260-1	6.069	5.180	260789	403145	1.174	2.344 #
32)	L7 AR-1260-2	6.312	5.364	3280038	220663	12.329	1.065 #
33)	L7 AR-1260-3	6.681	5.506	317547	242524	1.889	1.221 #
34)	L7 AR-1260-4	6.915	5.958	131351	154382	0.654	1.049 #
35)	L7 AR-1260-5	7.180f	6.215	649302	246368	1.706	0.759 #
36)	L8 AR-1262-1	6.681	5.733	317547	148697	1.061	0.614 #
37)	L8 AR-1262-2	7.180f	6.215	649302	246368	1.288	0.564 #
38)	L8 AR-1262-3	7.451f	6.498	294176	605170	0.870	3.358 #
39)	L8 AR-1262-4	7.561	6.537	285553	992841	1.112	2.994 #
40)	L8 AR-1262-5	0.000	7.045	0	465102	N.D.	2.899 #
41)	L9 AR-1268-1	7.451f	6.498	294176	605170	0.534	1.232 #

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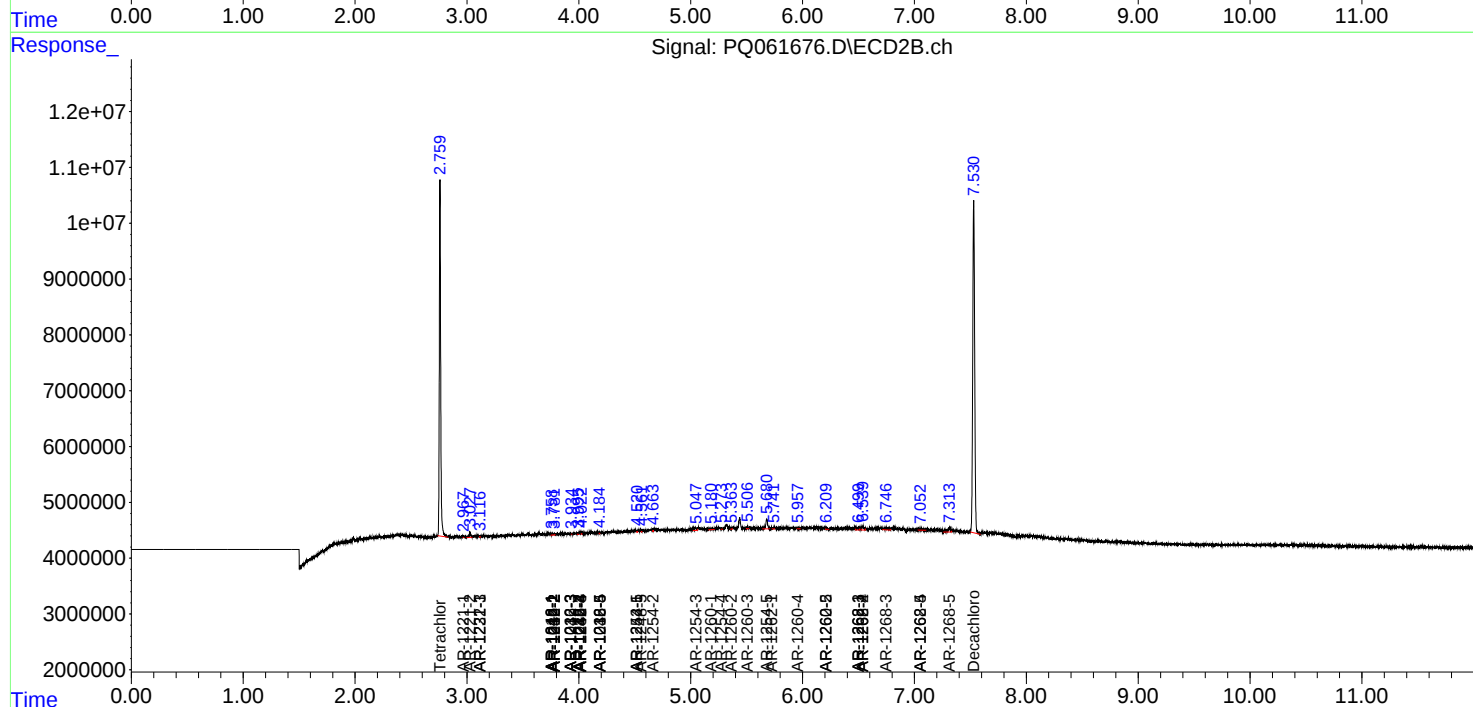
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

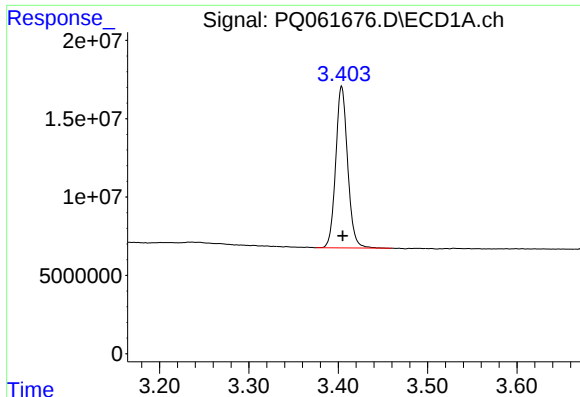
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.561	6.537	285553	992841	0.580	2.232 #
43) L9	AR-1268-3	7.754	6.755	140407	950916	0.341	2.429 #
44) L9	AR-1268-4	0.000	7.045	0	465102	N.D.	2.770 #
45) L9	AR-1268-5	8.352	7.314	487645	1599116	0.410	1.290 #

(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

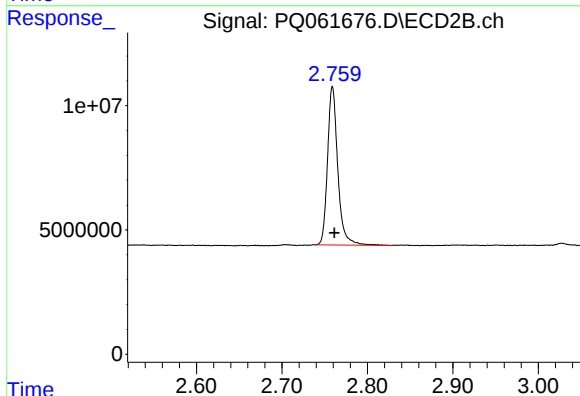




#1 Tetrachloro-m-xylene

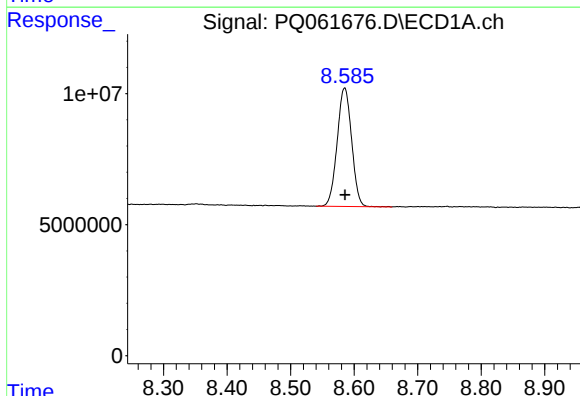
R.T.: 3.404 min
Delta R.T.: -0.001 min
Response: 95706350
Conc: 21.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



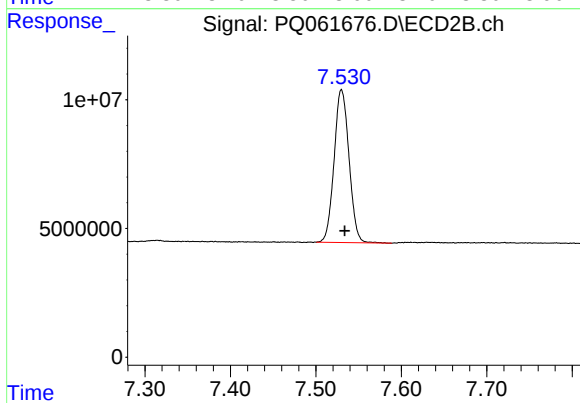
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 53250569
Conc: 19.94 ng/ml



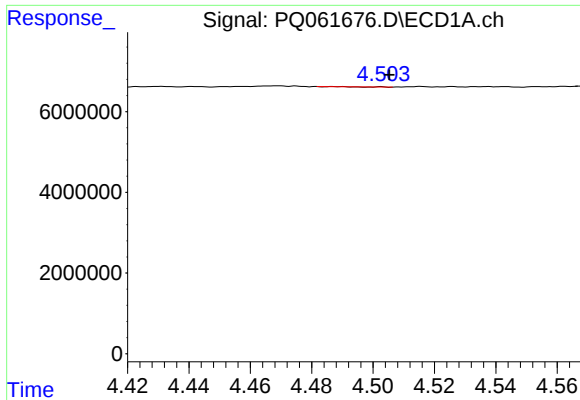
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 71595555
Conc: 21.25 ng/ml



#2 Decachlorobiphenyl

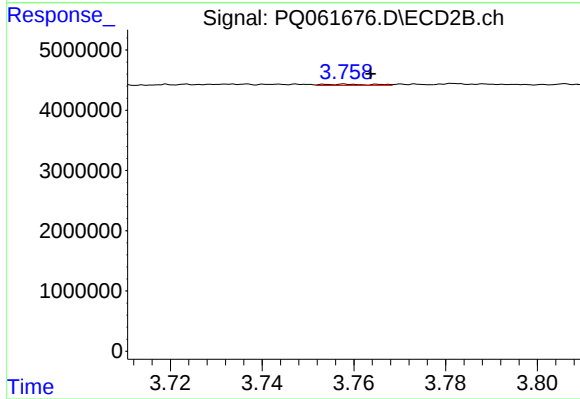
R.T.: 7.530 min
Delta R.T.: -0.004 min
Response: 72025229
Conc: 21.46 ng/ml



#3 AR-1016-1

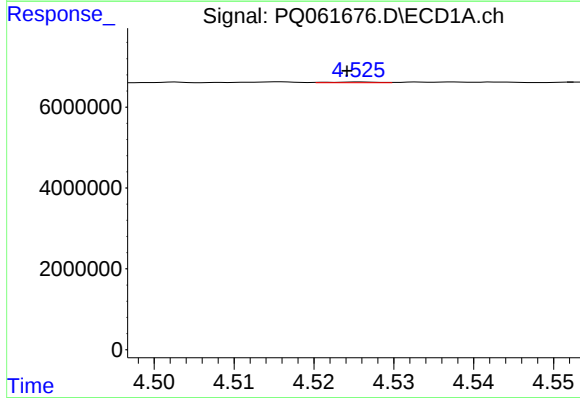
R.T.: 4.503 min
Delta R.T.: -0.003 min
Response: 11613
Conc: 0.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



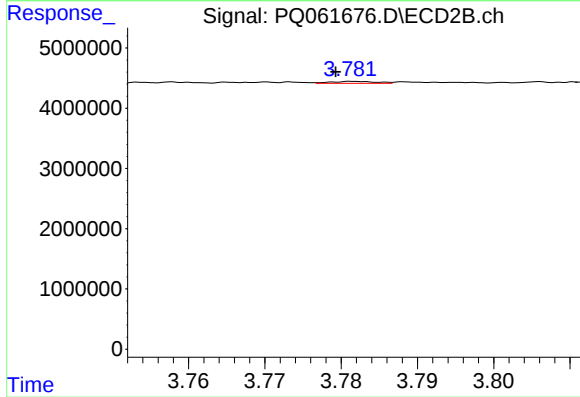
#3 AR-1016-1

R.T.: 3.758 min
Delta R.T.: -0.006 min
Response: 160681
Conc: 1.56 ng/ml



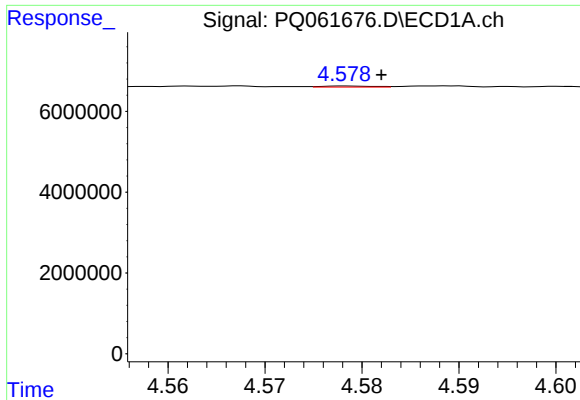
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 62226
Conc: 0.27 ng/ml



#4 AR-1016-2

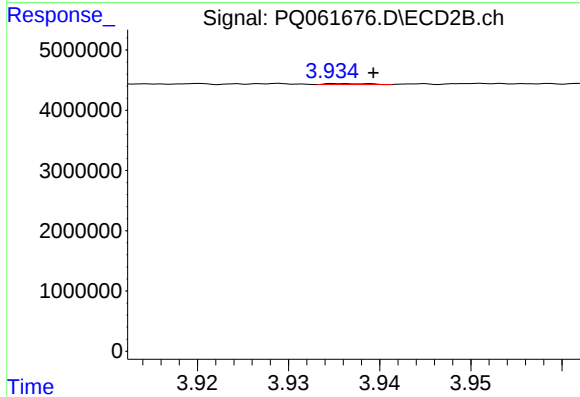
R.T.: 3.782 min
Delta R.T.: 0.003 min
Response: 134570
Conc: 0.90 ng/ml



#5 AR-1016-3

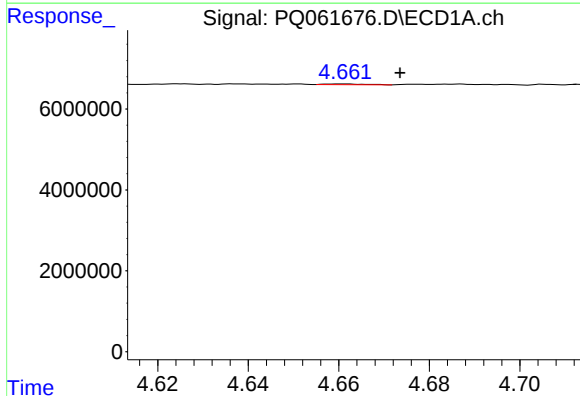
R.T.: 4.579 min
Delta R.T.: -0.003 min
Response: 94199
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



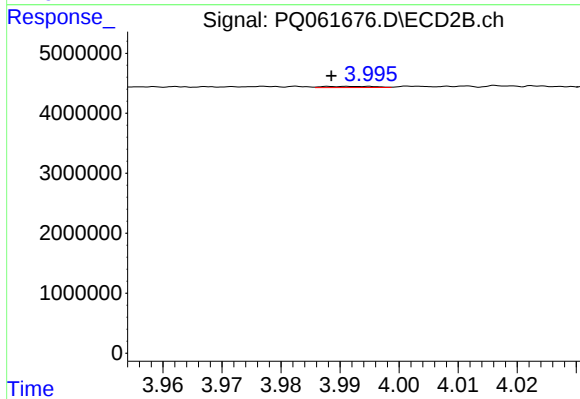
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: -0.004 min
Response: 50687
Conc: 0.64 ng/ml



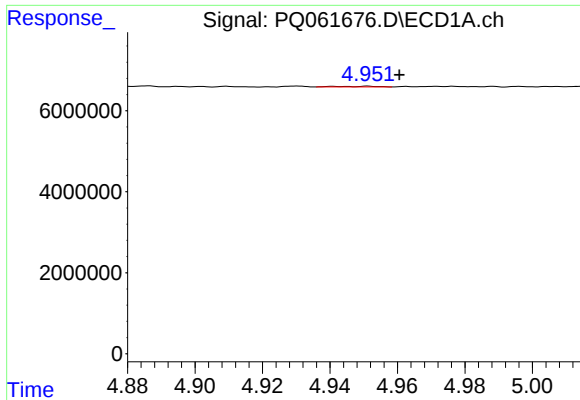
#6 AR-1016-4

R.T.: 4.661 min
Delta R.T.: -0.013 min
Response: 111078
Conc: 0.96 ng/ml



#6 AR-1016-4

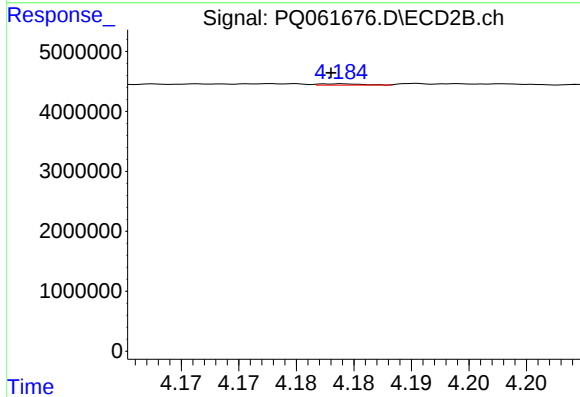
R.T.: 3.995 min
Delta R.T.: 0.006 min
Response: 121649
Conc: 1.71 ng/ml



#7 AR-1016-5

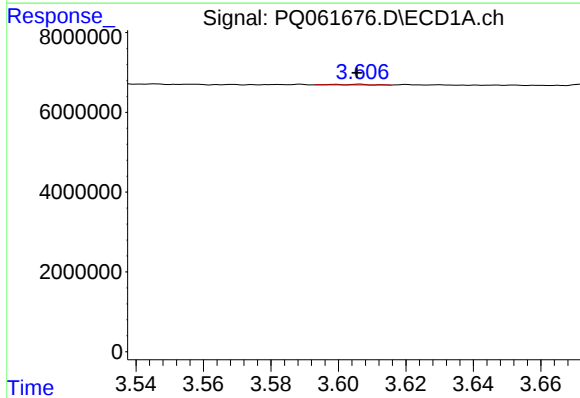
R.T.: 4.951 min
Delta R.T.: -0.009 min
Response: 141024
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



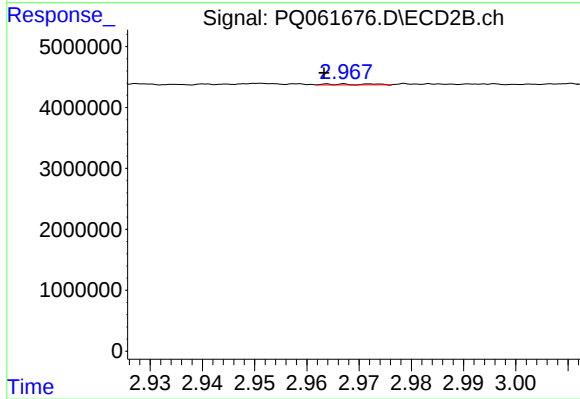
#7 AR-1016-5

R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 54569
Conc: 0.64 ng/ml



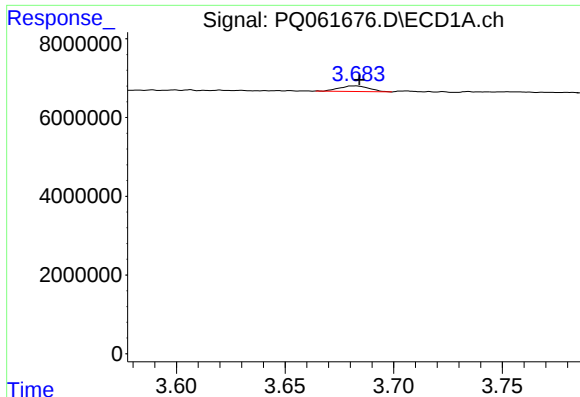
#8 AR-1221-1

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 100144
Conc: 1.78 ng/ml



#8 AR-1221-1

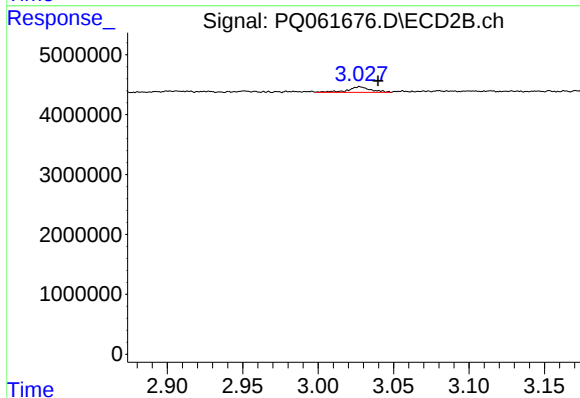
R.T.: 2.967 min
Delta R.T.: 0.004 min
Response: 81536
Conc: 2.29 ng/ml



#9 AR-1221-2

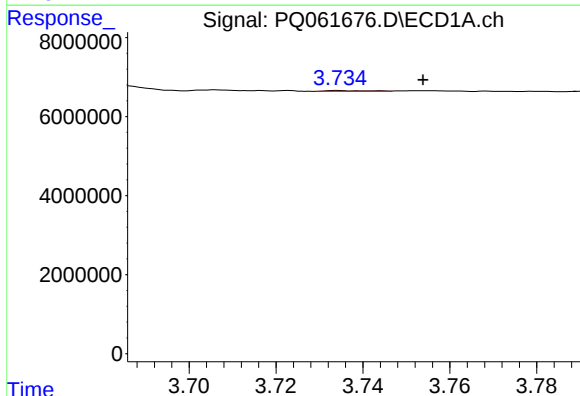
R.T.: 3.682 min
Delta R.T.: -0.002 min
Response: 1391177
Conc: 32.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



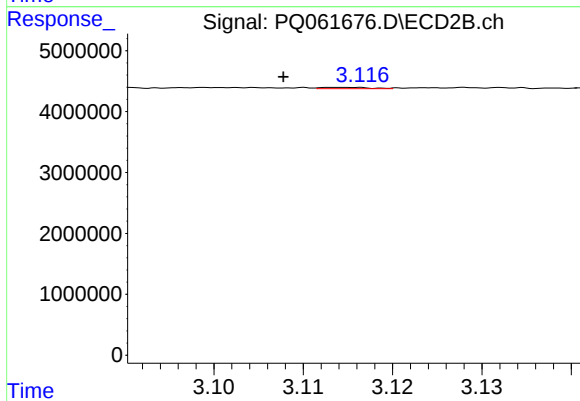
#9 AR-1221-2

R.T.: 3.028 min
Delta R.T.: -0.012 min
Response: 994779
Conc: 36.12 ng/ml



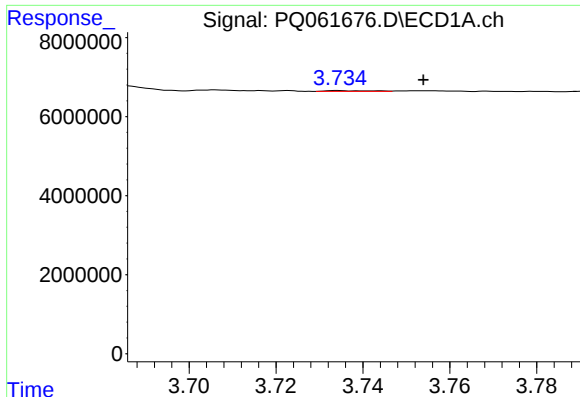
#10 AR-1221-3

R.T.: 3.734 min
Delta R.T.: -0.019 min
Response: 145388
Conc: 1.11 ng/ml



#10 AR-1221-3

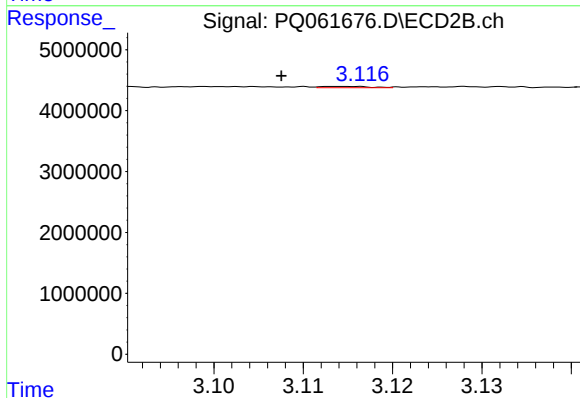
R.T.: 3.114 min
Delta R.T.: 0.007 min
Response: 78744
Conc: 0.93 ng/ml



#11 AR-1232-1

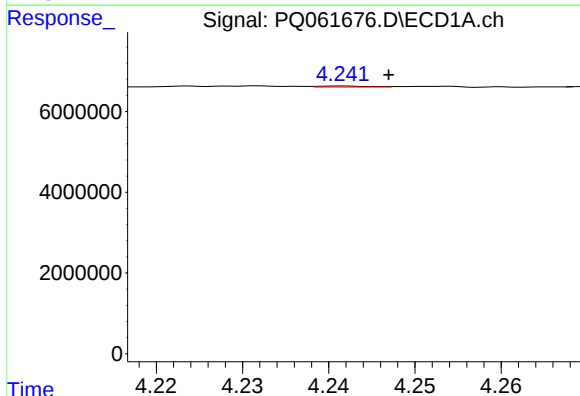
R.T.: 3.734 min
Delta R.T.: -0.020 min
Response: 145388
Conc: 1.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



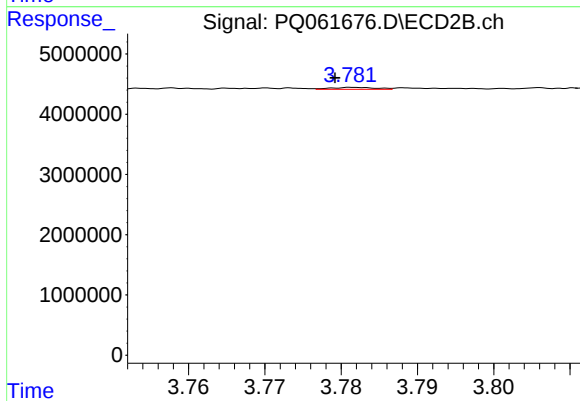
#11 AR-1232-1

R.T.: 3.114 min
Delta R.T.: 0.007 min
Response: 78744
Conc: 1.28 ng/ml



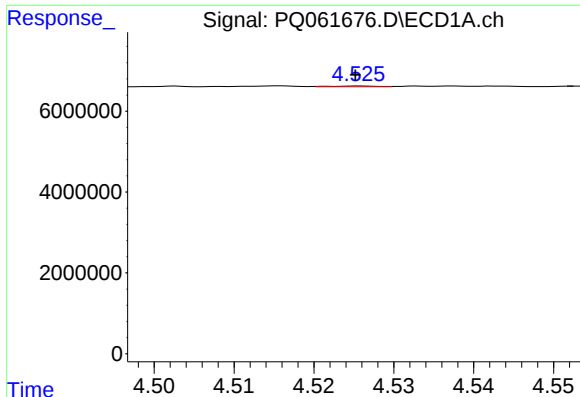
#12 AR-1232-2

R.T.: 4.241 min
Delta R.T.: -0.006 min
Response: 101871
Conc: 1.85 ng/ml



#12 AR-1232-2

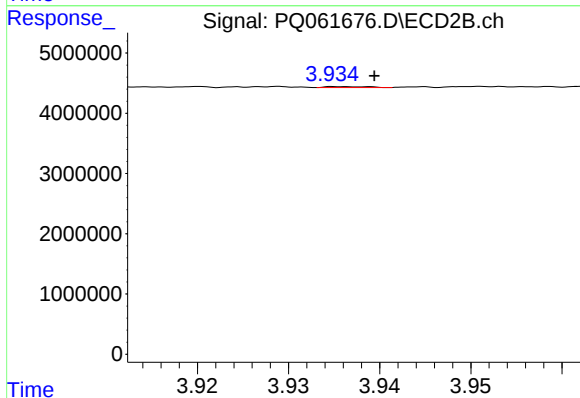
R.T.: 3.782 min
Delta R.T.: 0.003 min
Response: 134570
Conc: 1.95 ng/ml



#13 AR-1232-3

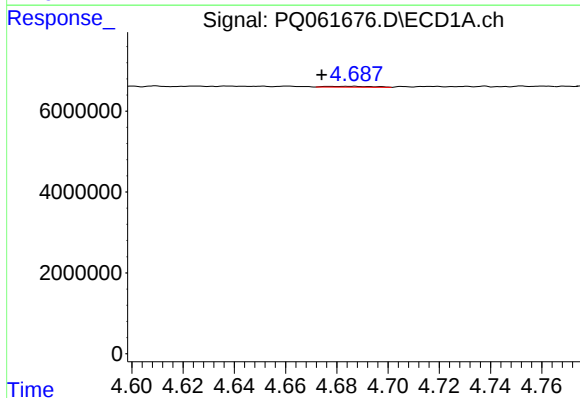
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 62226
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



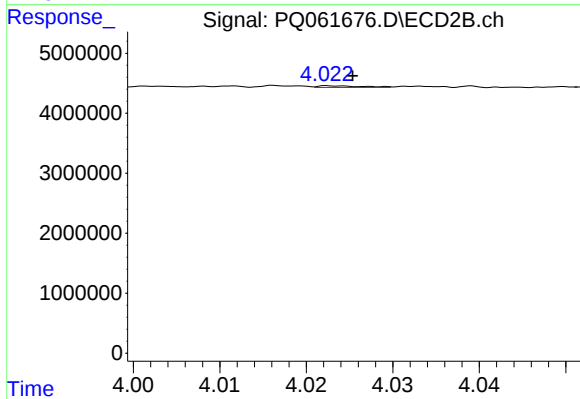
#13 AR-1232-3

R.T.: 3.936 min
Delta R.T.: -0.004 min
Response: 50687
Conc: 1.40 ng/ml



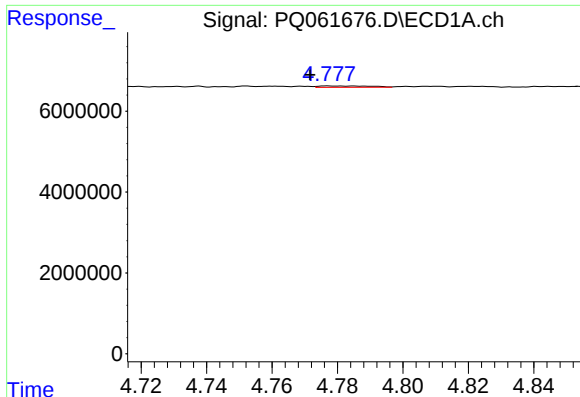
#14 AR-1232-4

R.T.: 4.687 min
Delta R.T.: 0.012 min
Response: 256138
Conc: 4.83 ng/ml



#14 AR-1232-4

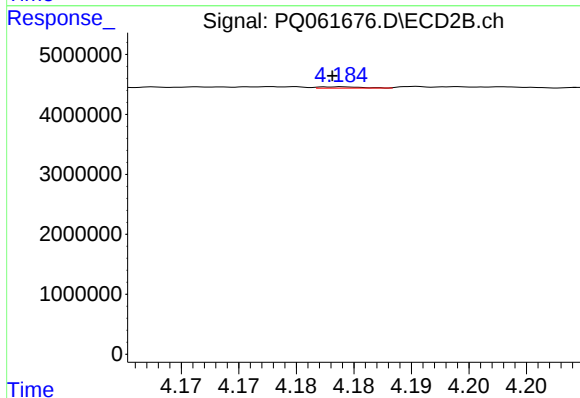
R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 104283
Conc: 3.24 ng/ml



#15 AR-1232-5

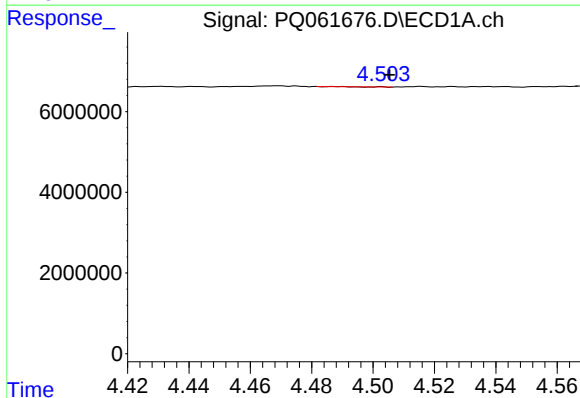
R.T.: 4.777 min
Delta R.T.: 0.005 min
Response: 379829
Conc: 10.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



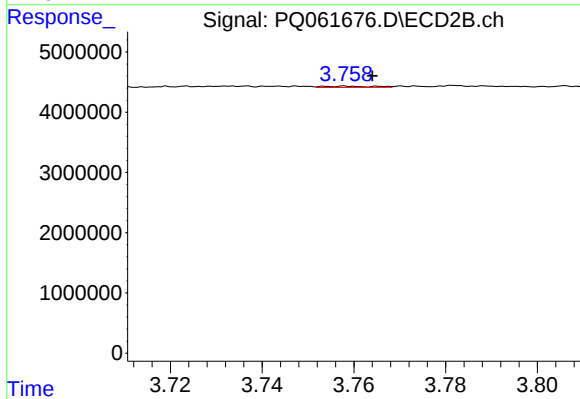
#15 AR-1232-5

R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 54569
Conc: 1.42 ng/ml



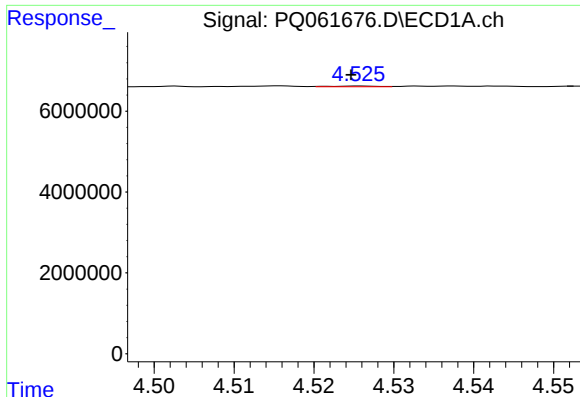
#16 AR-1242-1

R.T.: 4.503 min
Delta R.T.: -0.003 min
Response: 11613
Conc: 0.10 ng/ml



#16 AR-1242-1

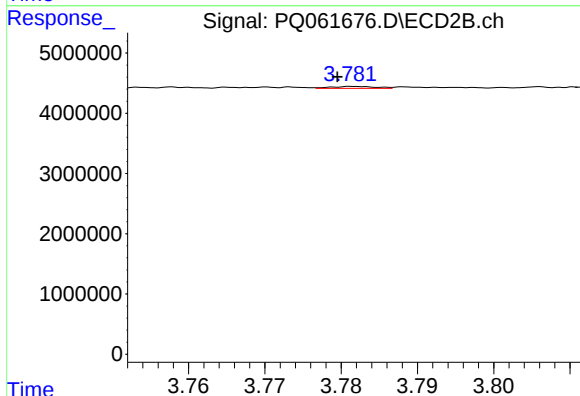
R.T.: 3.758 min
Delta R.T.: -0.006 min
Response: 160681
Conc: 2.10 ng/ml



#17 AR-1242-2

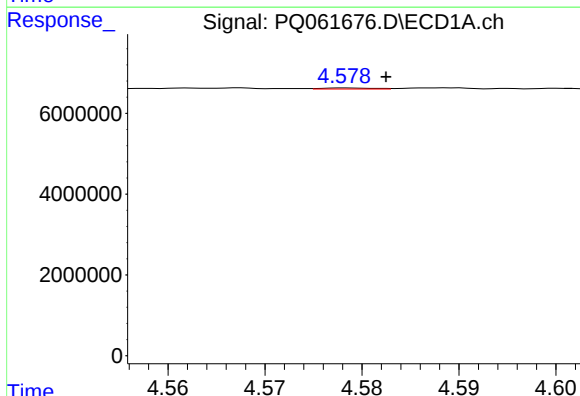
R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 62226
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



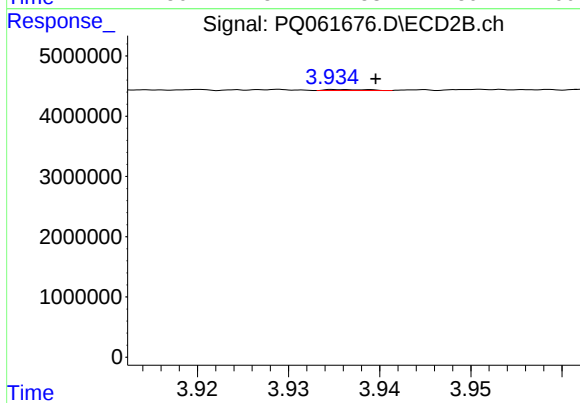
#17 AR-1242-2

R.T.: 3.782 min
Delta R.T.: 0.002 min
Response: 134570
Conc: 1.21 ng/ml



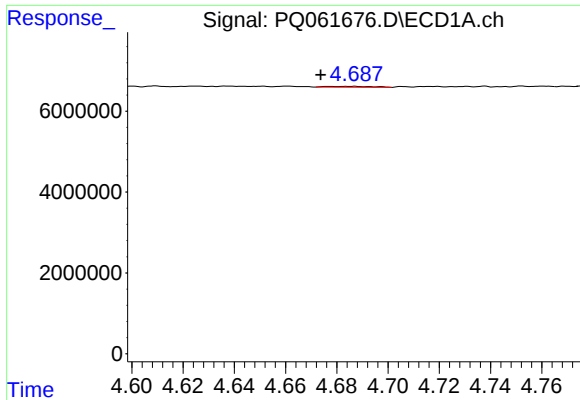
#18 AR-1242-3

R.T.: 4.579 min
Delta R.T.: -0.004 min
Response: 94199
Conc: 0.88 ng/ml



#18 AR-1242-3

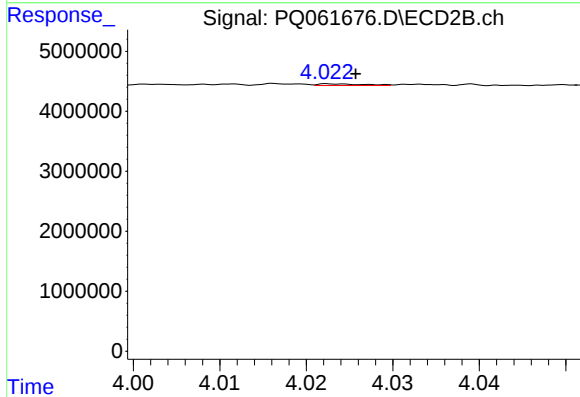
R.T.: 3.936 min
Delta R.T.: -0.004 min
Response: 50687
Conc: 0.86 ng/ml



#19 AR-1242-4

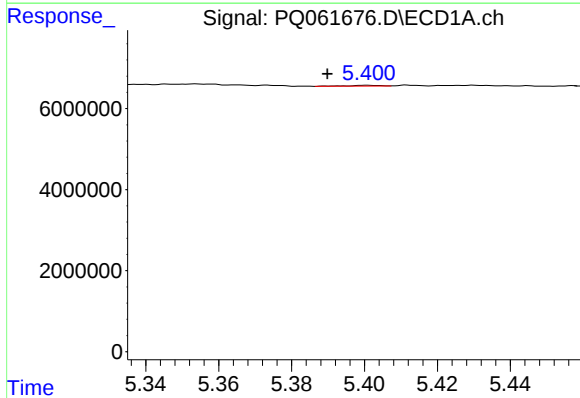
R.T.: 4.687 min
Delta R.T.: 0.013 min
Response: 256138
Conc: 2.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



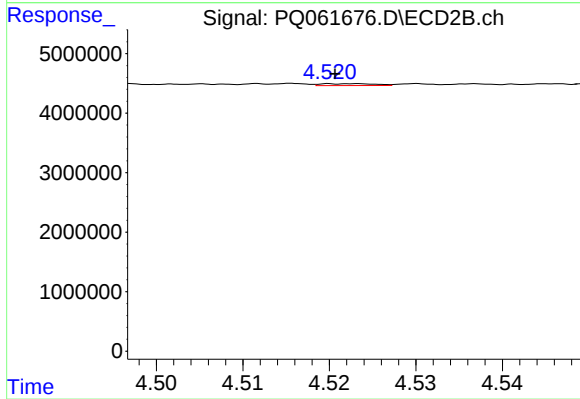
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 104283
Conc: 1.74 ng/ml



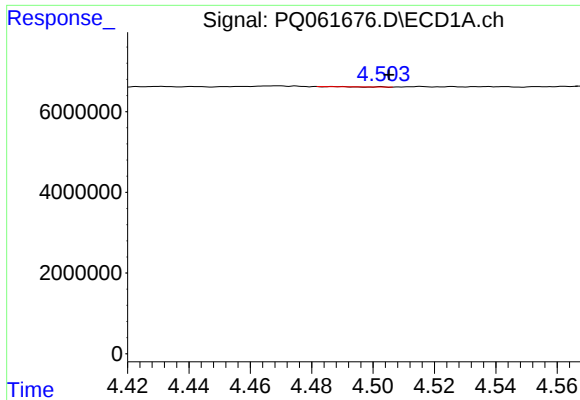
#20 AR-1242-5

R.T.: 5.401 min
Delta R.T.: 0.011 min
Response: 146074
Conc: 1.65 ng/ml



#20 AR-1242-5

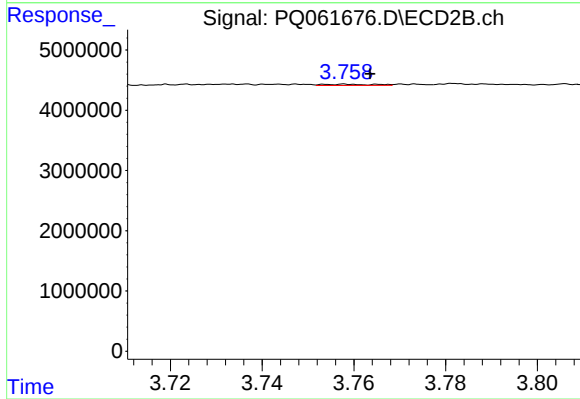
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 138781
Conc: 1.73 ng/ml



#21 AR-1248-1

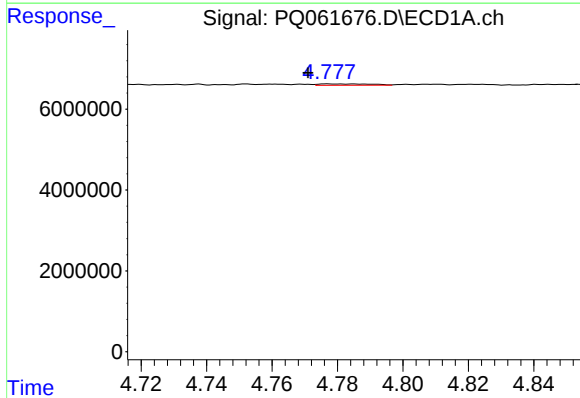
R.T.: 4.503 min
Delta R.T.: -0.003 min
Response: 11613
Conc: 0.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



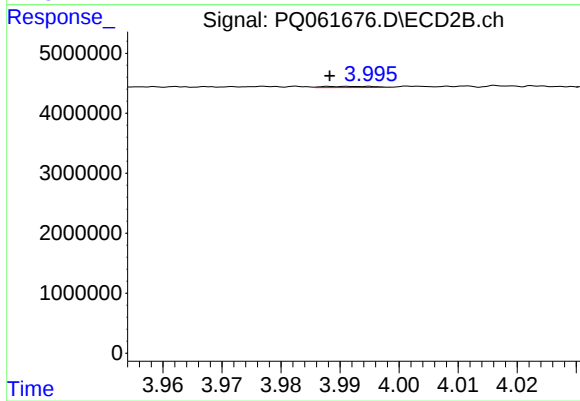
#21 AR-1248-1

R.T.: 3.758 min
Delta R.T.: -0.005 min
Response: 160681
Conc: 2.58 ng/ml



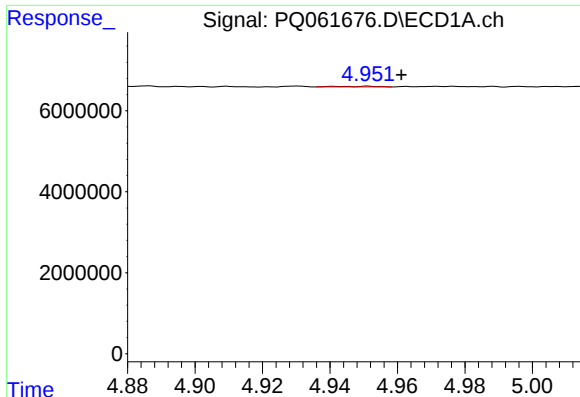
#22 AR-1248-2

R.T.: 4.777 min
Delta R.T.: 0.006 min
Response: 379829
Conc: 2.99 ng/ml



#22 AR-1248-2

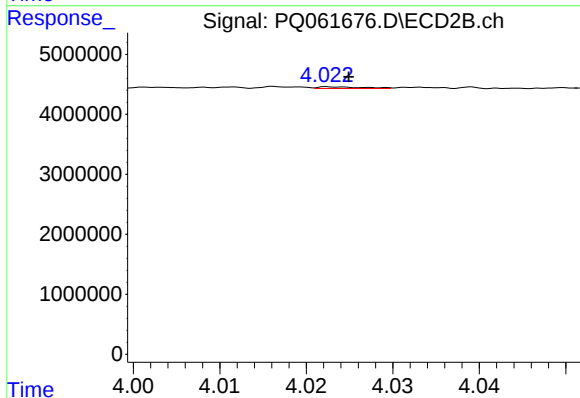
R.T.: 3.995 min
Delta R.T.: 0.007 min
Response: 121649
Conc: 1.26 ng/ml



#23 AR-1248-3

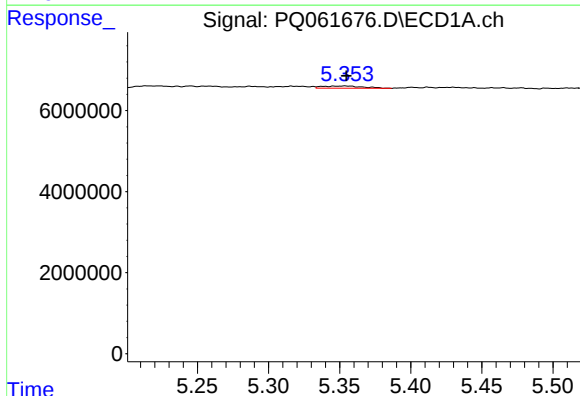
R.T.: 4.951 min
Delta R.T.: -0.010 min
Response: 141024
Conc: 0.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



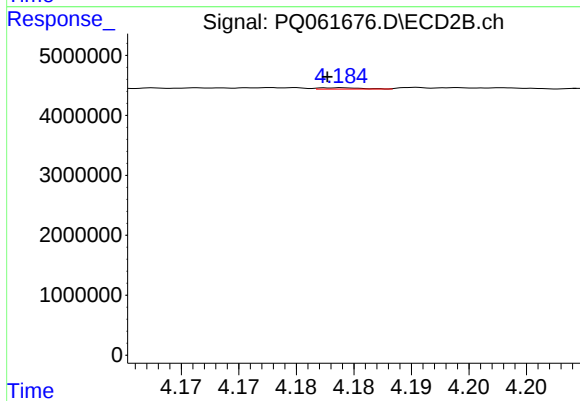
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 104283
Conc: 1.14 ng/ml



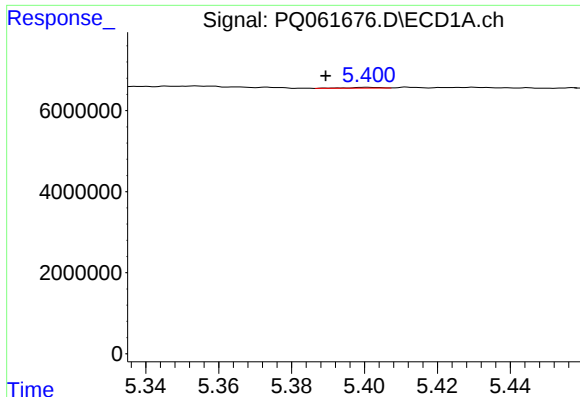
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.001 min
Response: 1122093
Conc: 6.61 ng/ml



#24 AR-1248-4

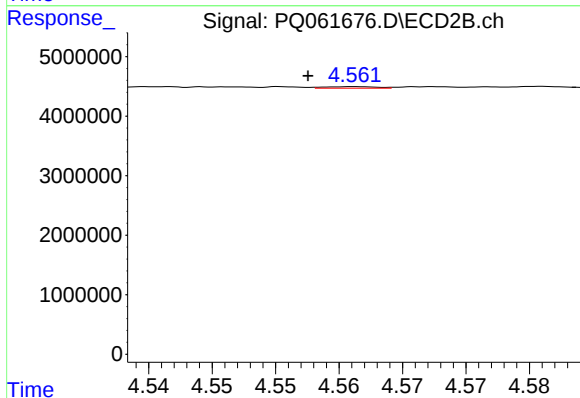
R.T.: 4.184 min
Delta R.T.: 0.001 min
Response: 54569
Conc: 0.48 ng/ml



#25 AR-1248-5

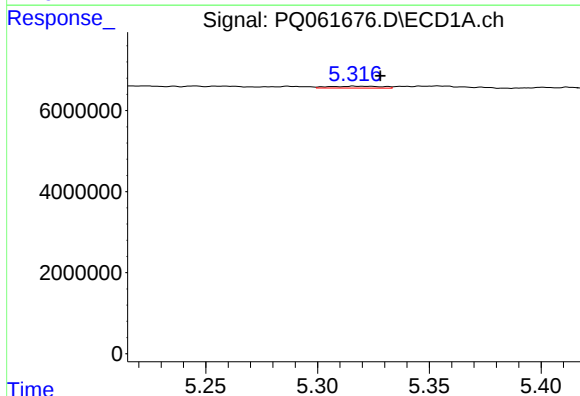
R.T.: 5.401 min
Delta R.T.: 0.011 min
Response: 146074
Conc: 0.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



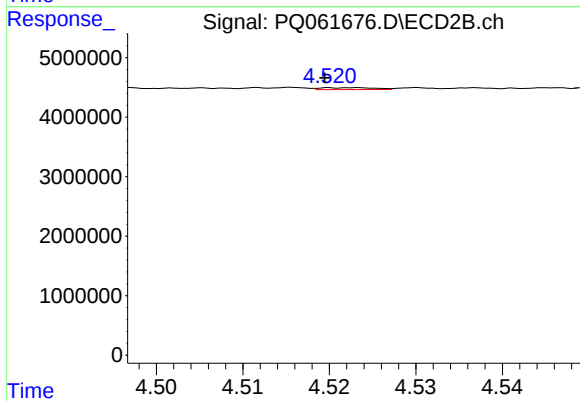
#25 AR-1248-5

R.T.: 4.561 min
Delta R.T.: 0.004 min
Response: 76773
Conc: 0.70 ng/ml



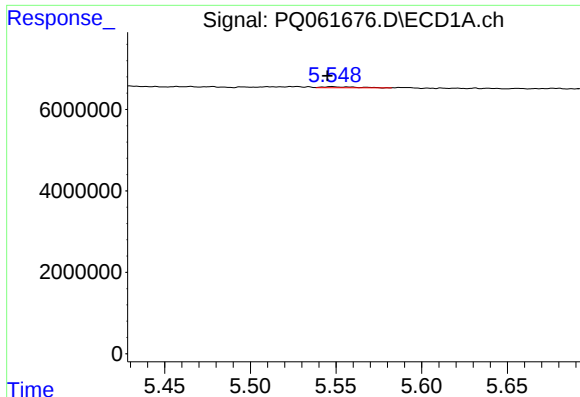
#26 AR-1254-1

R.T.: 5.316 min
Delta R.T.: -0.012 min
Response: 794115
Conc: 4.65 ng/ml



#26 AR-1254-1

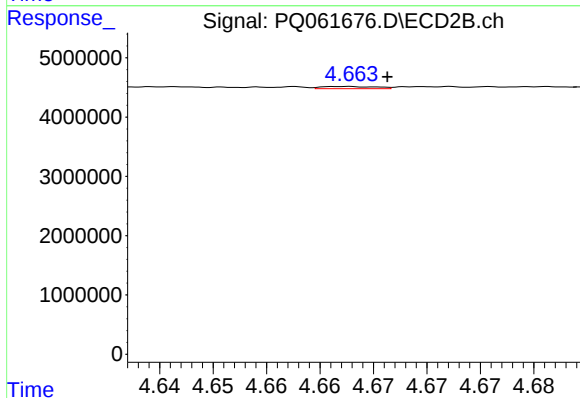
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 138781
Conc: 0.84 ng/ml



#27 AR-1254-2

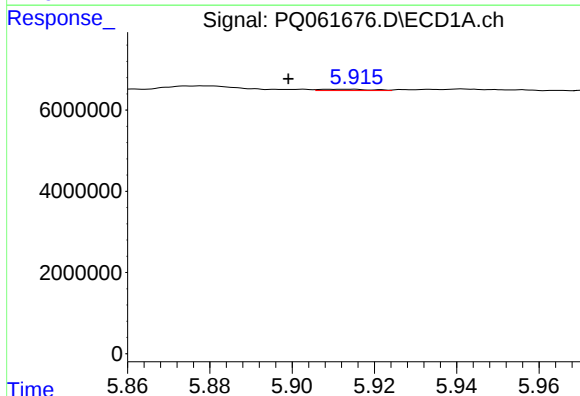
R.T.: 5.548 min
Delta R.T.: 0.003 min
Response: 335936
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



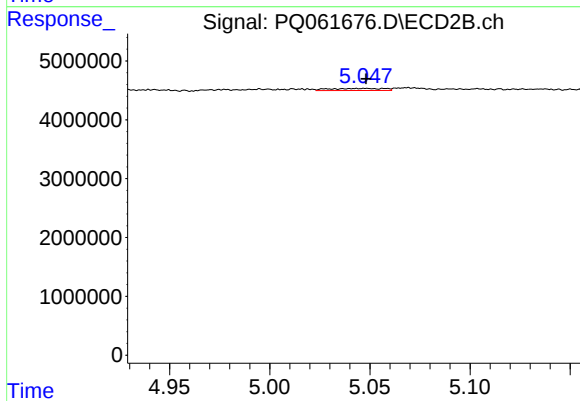
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: -0.004 min
Response: 134344
Conc: 0.89 ng/ml



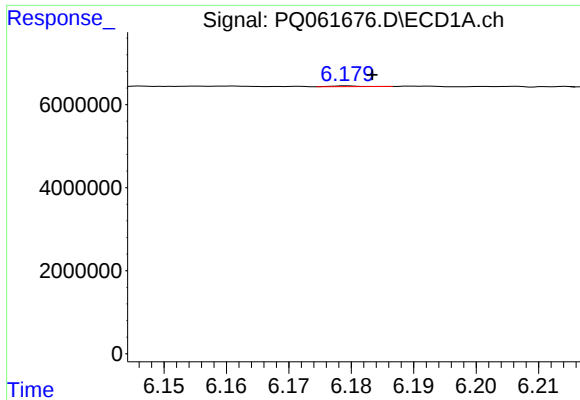
#28 AR-1254-3

R.T.: 5.913 min
Delta R.T.: 0.014 min
Response: 264191
Conc: 0.95 ng/ml



#28 AR-1254-3

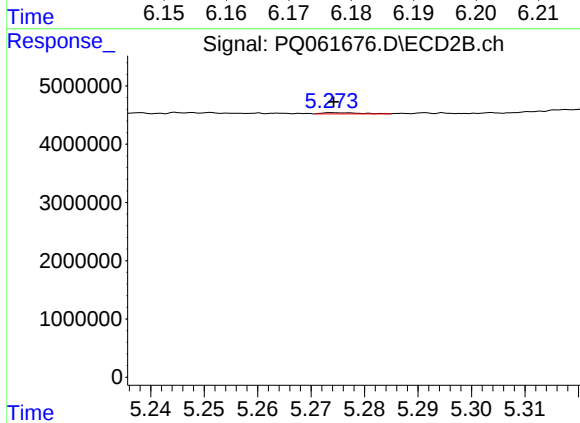
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 686606
Conc: 2.95 ng/ml



#29 AR-1254-4

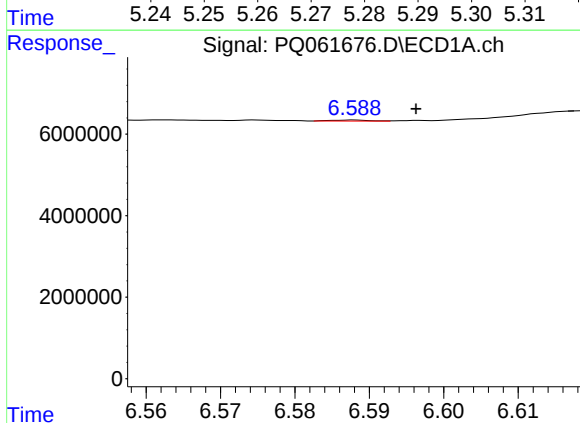
R.T.: 6.179 min
Delta R.T.: -0.004 min
Response: 53055
Conc: 0.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



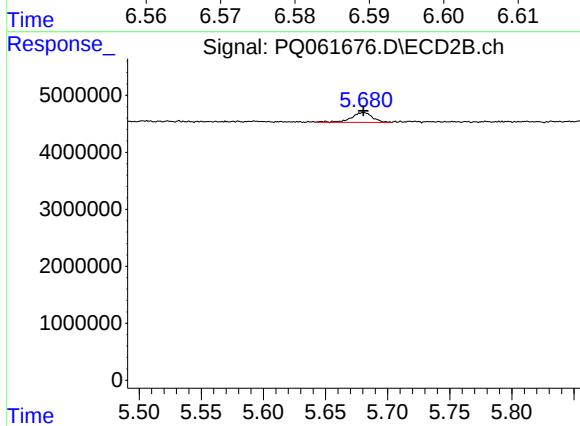
#29 AR-1254-4

R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 110978
Conc: 0.77 ng/ml



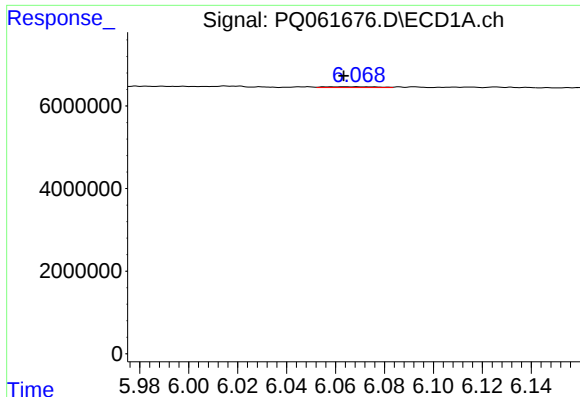
#30 AR-1254-5

R.T.: 6.588 min
Delta R.T.: -0.008 min
Response: 82470
Conc: 0.35 ng/ml



#30 AR-1254-5

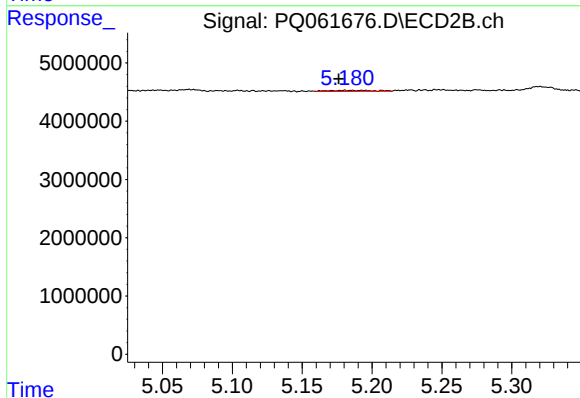
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 2080316
Conc: 9.12 ng/ml



#31 AR-1260-1

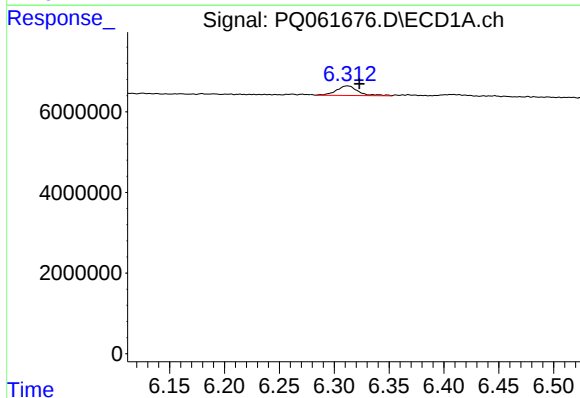
R.T.: 6.069 min
Delta R.T.: 0.006 min
Response: 260789
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



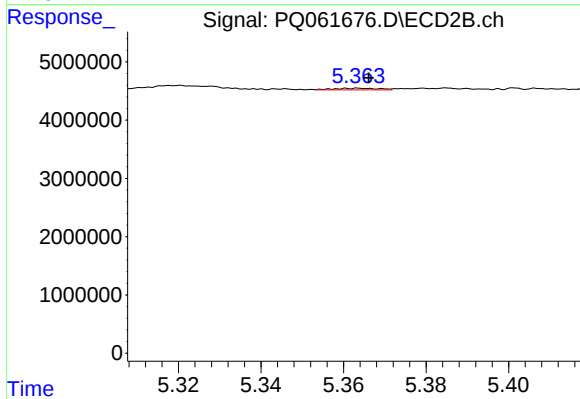
#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: 0.004 min
Response: 403145
Conc: 2.34 ng/ml



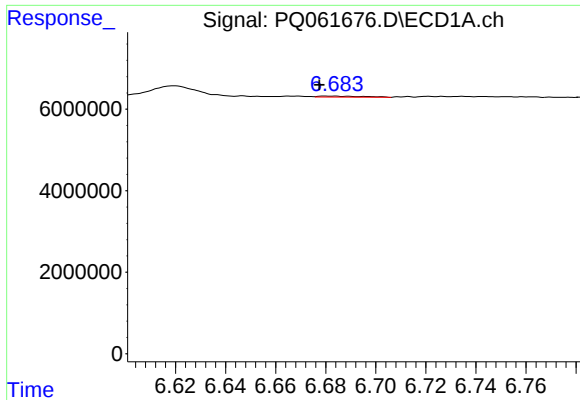
#32 AR-1260-2

R.T.: 6.312 min
Delta R.T.: -0.011 min
Response: 3280038
Conc: 12.33 ng/ml



#32 AR-1260-2

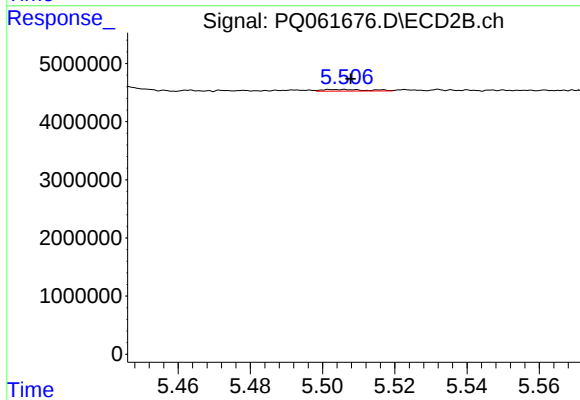
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 220663
Conc: 1.06 ng/ml



#33 AR-1260-3

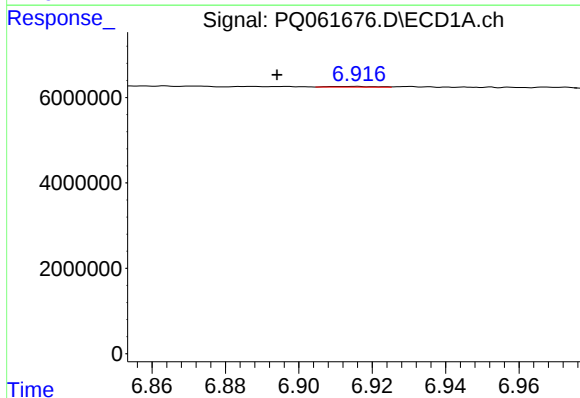
R.T.: 6.681 min
Delta R.T.: 0.003 min
Response: 317547
Conc: 1.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



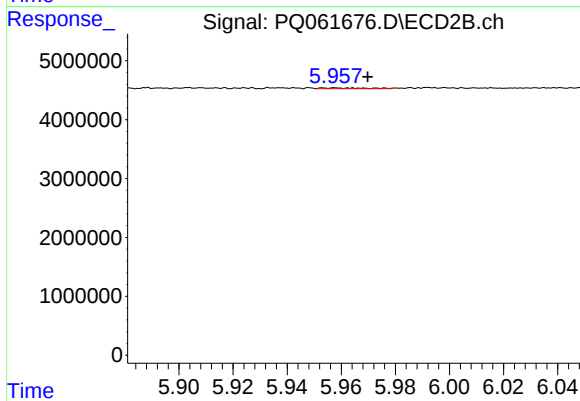
#33 AR-1260-3

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 242524
Conc: 1.22 ng/ml



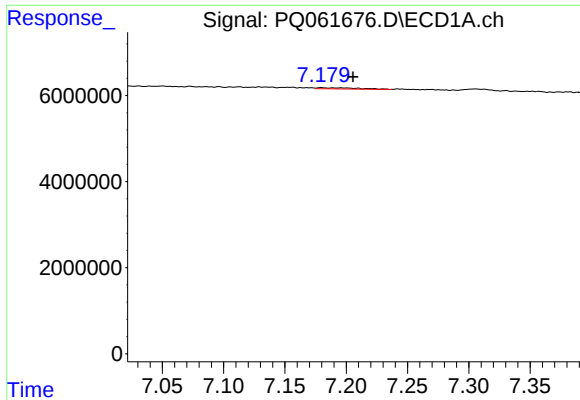
#34 AR-1260-4

R.T.: 6.915 min
Delta R.T.: 0.021 min
Response: 131351
Conc: 0.65 ng/ml



#34 AR-1260-4

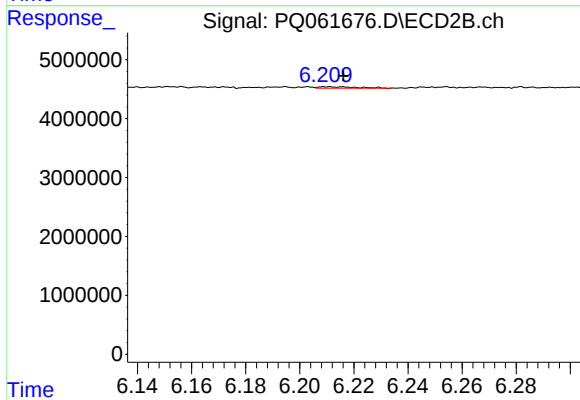
R.T.: 5.958 min
Delta R.T.: -0.012 min
Response: 154382
Conc: 1.05 ng/ml



#35 AR-1260-5

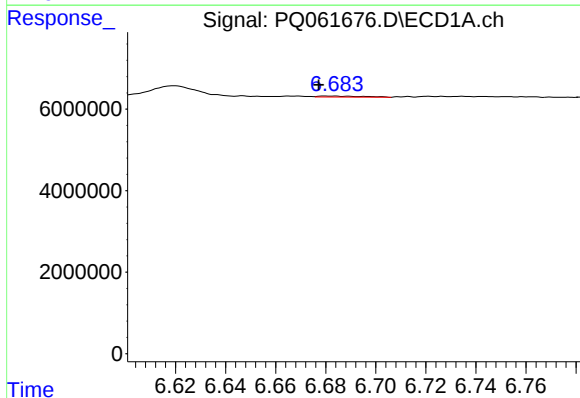
R.T.: 7.180 min
Delta R.T.: -0.026 min
Response: 649302
Conc: 1.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



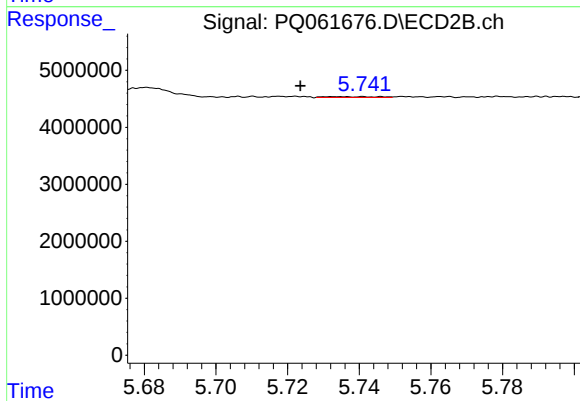
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 246368
Conc: 0.76 ng/ml



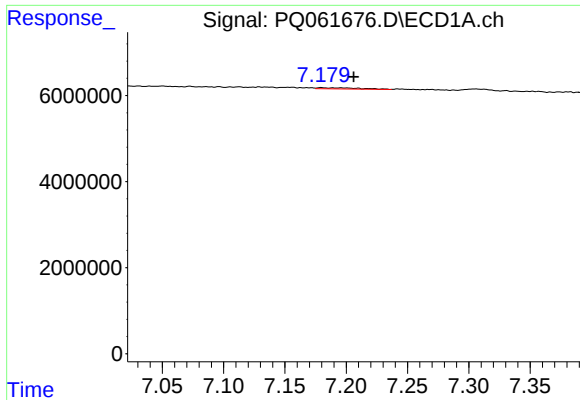
#36 AR-1262-1

R.T.: 6.681 min
Delta R.T.: 0.004 min
Response: 317547
Conc: 1.06 ng/ml



#36 AR-1262-1

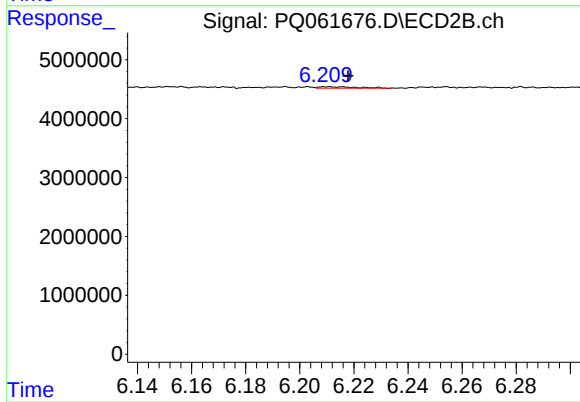
R.T.: 5.733 min
Delta R.T.: 0.009 min
Response: 148697
Conc: 0.61 ng/ml



#37 AR-1262-2

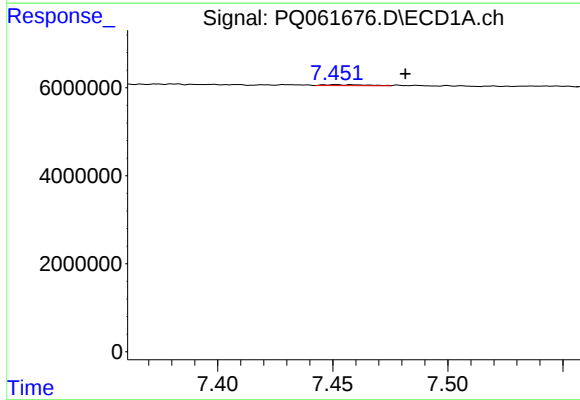
R.T.: 7.180 min
Delta R.T.: -0.027 min
Response: 649302
Conc: 1.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



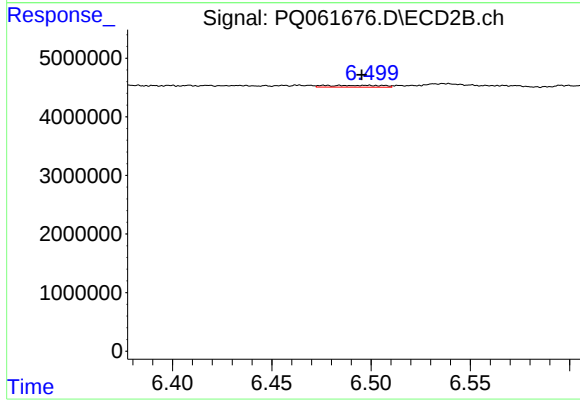
#37 AR-1262-2

R.T.: 6.215 min
Delta R.T.: -0.003 min
Response: 246368
Conc: 0.56 ng/ml



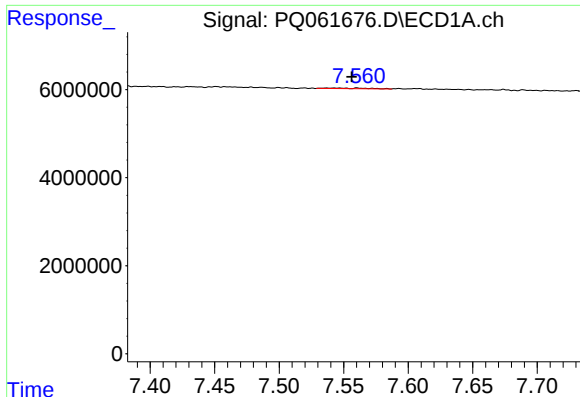
#38 AR-1262-3

R.T.: 7.451 min
Delta R.T.: -0.030 min
Response: 294176
Conc: 0.87 ng/ml



#38 AR-1262-3

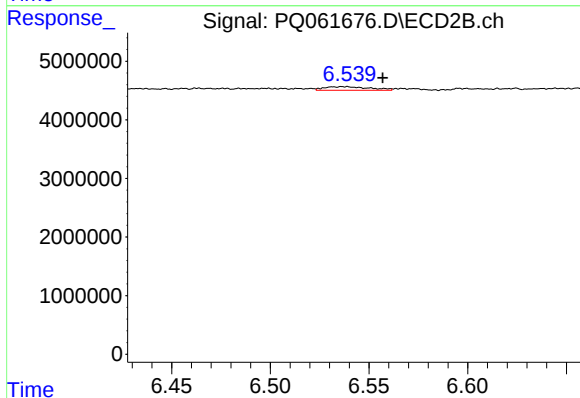
R.T.: 6.498 min
Delta R.T.: 0.003 min
Response: 605170
Conc: 3.36 ng/ml



#39 AR-1262-4

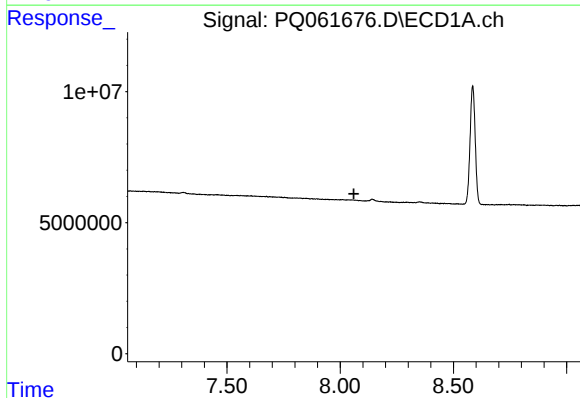
R.T.: 7.561 min
Delta R.T.: 0.004 min
Response: 285553
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



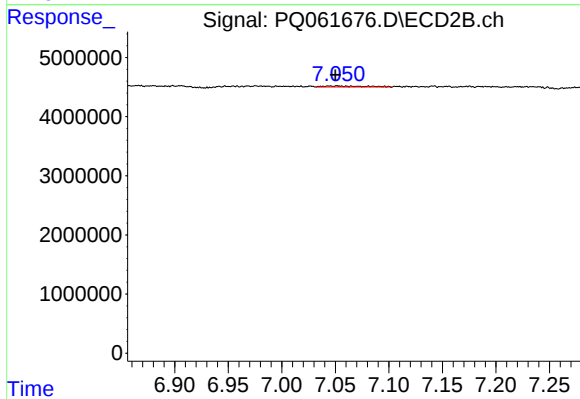
#39 AR-1262-4

R.T.: 6.537 min
Delta R.T.: -0.019 min
Response: 992841
Conc: 2.99 ng/ml



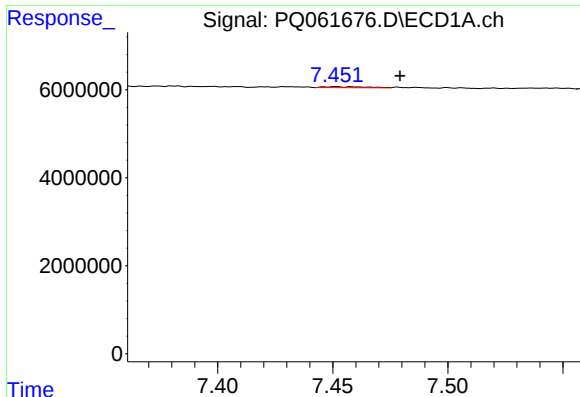
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.060 min
Response: 0
Conc: N.D.



#40 AR-1262-5

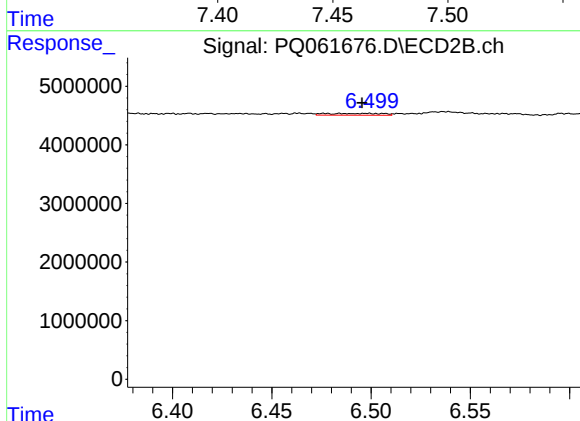
R.T.: 7.045 min
Delta R.T.: -0.006 min
Response: 465102
Conc: 2.90 ng/ml



#41 AR-1268-1

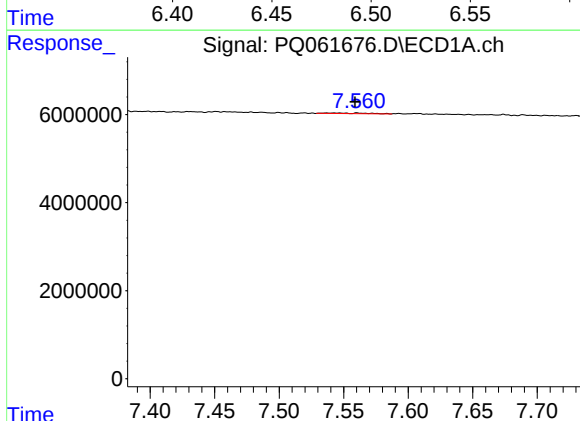
R.T.: 7.451 min
Delta R.T.: -0.028 min
Response: 294176
Conc: 0.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



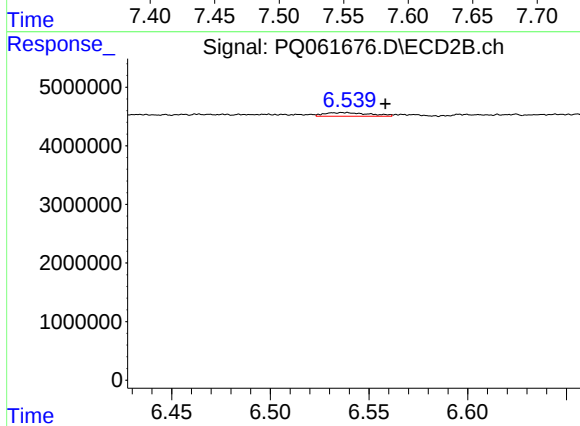
#41 AR-1268-1

R.T.: 6.498 min
Delta R.T.: 0.003 min
Response: 605170
Conc: 1.23 ng/ml



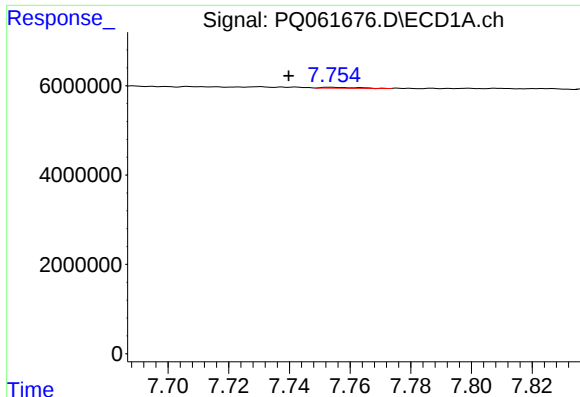
#42 AR-1268-2

R.T.: 7.561 min
Delta R.T.: 0.002 min
Response: 285553
Conc: 0.58 ng/ml



#42 AR-1268-2

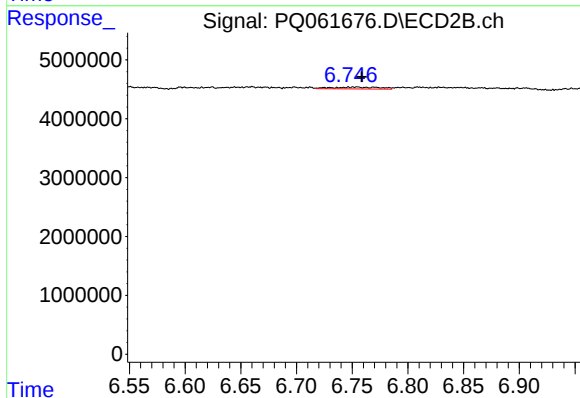
R.T.: 6.537 min
Delta R.T.: -0.021 min
Response: 992841
Conc: 2.23 ng/ml



#43 AR-1268-3

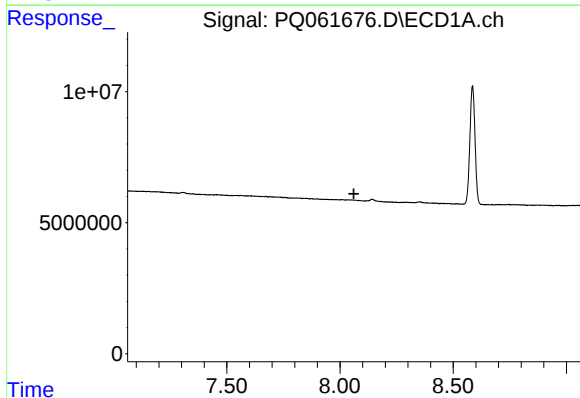
R.T.: 7.754 min
Delta R.T.: 0.014 min
Response: 140407
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



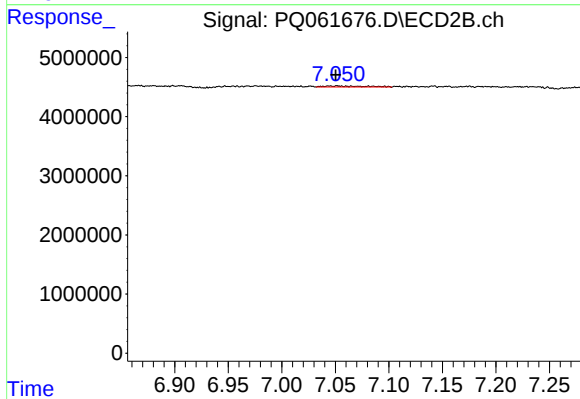
#43 AR-1268-3

R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 950916
Conc: 2.43 ng/ml



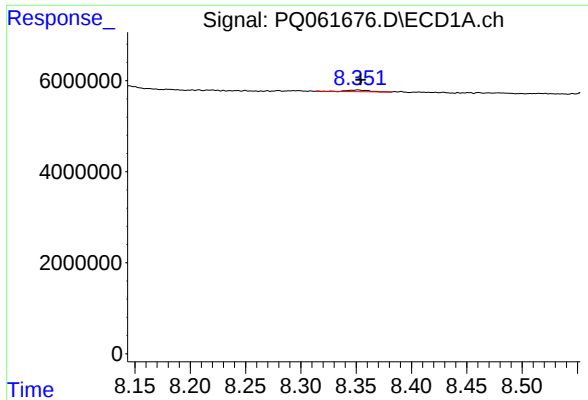
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.061 min
Response: 0
Conc: N.D.



#44 AR-1268-4

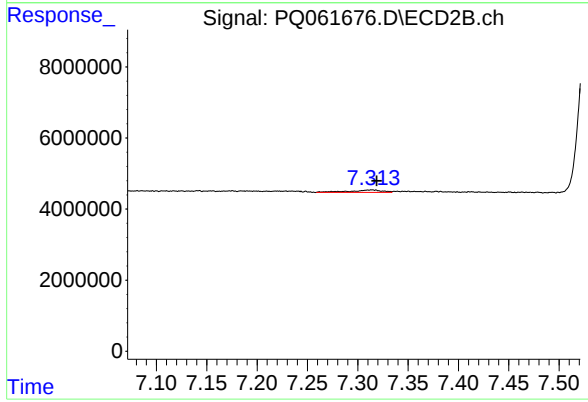
R.T.: 7.045 min
Delta R.T.: -0.006 min
Response: 465102
Conc: 2.77 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 487645
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: -0.004 min
Response: 1599116
Conc: 1.29 ng/ml