

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071923\
 Data File : PQ062387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 13:02
 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: Jul 19 16:20:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.403	2.755	87699072	48949921	17.978	19.509
2)	SA Decachlor...	8.587	7.526	72845227	70188406	20.052	21.064
Target Compounds							
3)	L1 AR-1016-1	4.498	3.755	-88376	73617	N.D.	0.744 #
4)	L1 AR-1016-2	4.532	3.775	806849	57856	3.263	0.401 #
5)	L1 AR-1016-3	4.574	3.938	385655	37285	2.530	0.494 #
6)	L1 AR-1016-4	4.686	3.984	37470	69233	0.299	1.054 #
7)	L1 AR-1016-5	4.983	4.179	762186	313349	6.262	3.822 #
8)	L2 AR-1221-1	3.613	2.955	210130	98086	3.496	2.973
9)	L2 AR-1221-2	3.680	3.023	1329857	879509	29.597	34.626
10)	L2 AR-1221-3	3.734	3.108	573752	73436	4.083	0.953 #
11)	L3 AR-1232-1	3.734	3.108	573752	73436	5.433	1.282 #
12)	L3 AR-1232-2	0.000	3.775	0	57856	N.D.	0.869 #
13)	L3 AR-1232-3	4.532	3.935	806849	17328	7.135	0.501 #
14)	L3 AR-1232-4	4.686	4.022	37470	160988	0.661	5.413 #
15)	L3 AR-1232-5	4.775	4.179	157326	313349	3.928	8.787 #
16)	L4 AR-1242-1	4.498	3.755	-88376	73617	N.D.	0.952 #
17)	L4 AR-1242-2	4.532	3.775	806849	57856	4.156	0.520 #
18)	L4 AR-1242-3	4.574	3.935	385655	17328	3.191	0.296 #
19)	L4 AR-1242-4	4.686	4.022	37470	160988	0.384	2.746 #
20)	L4 AR-1242-5	5.421f	4.529	1215654	468886	12.699	5.657 #
21)	L5 AR-1248-1	4.498	3.755	-88376	73617	N.D.	1.177 #
22)	L5 AR-1248-2	4.775	3.984	157326	69233	1.095	0.738 #
23)	L5 AR-1248-3	4.983	4.022	762186	160988	4.388	1.778 #
24)	L5 AR-1248-4	5.326f	4.179	2381129	313349	12.406	2.777 #
25)	L5 AR-1248-5	5.421f	4.555	1215654	157145	6.712	1.403 #
26)	L6 AR-1254-1	5.326	4.529	2381129	468886	12.814	2.904 #
27)	L6 AR-1254-2	5.555	4.662	216684	164799	0.745	1.119 #
28)	L6 AR-1254-3	5.881	5.047	633338	531128	2.062	2.273
29)	L6 AR-1254-4	6.154f	5.260	640453	255570	2.758	1.677 #
30)	L6 AR-1254-5	6.590	5.666	82820	130143	0.322	0.564 #
31)	L7 AR-1260-1	0.000	5.161	0	908735	N.D.	5.456 #
32)	L7 AR-1260-2	6.322	5.357	473788	205500	1.640	0.988 #
33)	L7 AR-1260-3	6.675	5.492	133081	332823	0.754	1.711 #
34)	L7 AR-1260-4	6.897	5.989	73798	496203	0.350	3.402 #
35)	L7 AR-1260-5	7.185	6.180f	74823	316481	0.182	0.953 #
36)	L8 AR-1262-1	6.675	5.715	133081	121769	0.436	0.524
37)	L8 AR-1262-2	7.185	5.989	74823	496203	0.142	2.295 #
38)	L8 AR-1262-3	7.468	6.516f	125125	217249	0.355	1.246 #
39)	L8 AR-1262-4	7.577	6.560	365186	186281	1.369	0.578 #
40)	L8 AR-1262-5	8.054	7.074f	355380	146062	2.002	0.942 #
41)	L9 AR-1268-1	7.468	6.516f	125125	217249	0.220	0.462 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 13:02
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

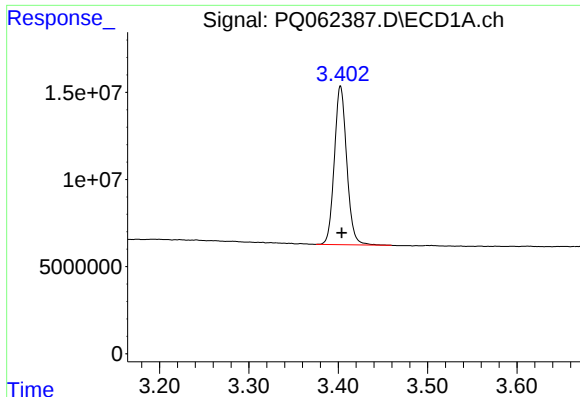
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 16:20:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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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	7.577	6.560	365186	186281	0.716	0.440 #
43) L9	AR-1268-3	7.740	6.752	163516	427229	0.383	1.160 #
44) L9	AR-1268-4	8.054	7.074f	355380	146062	1.942	0.913 #
45) L9	AR-1268-5	8.351	7.309	959408	757972	0.761	0.650

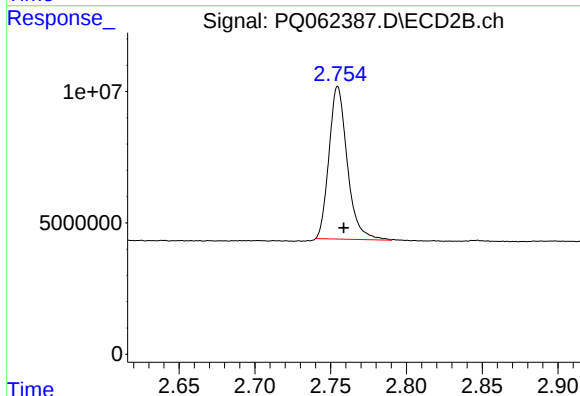
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

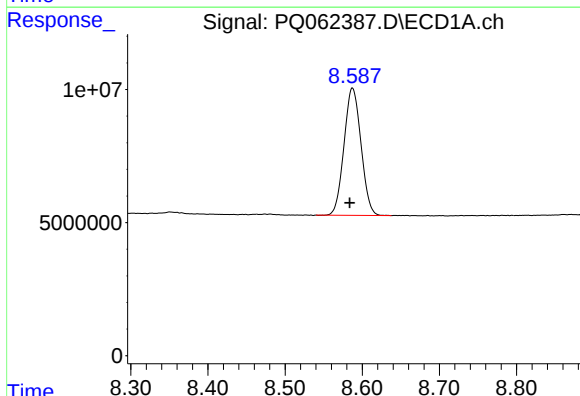
R.T.: 3.403 min
Delta R.T.: -0.001 min
Response: 87699072
Conc: 17.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



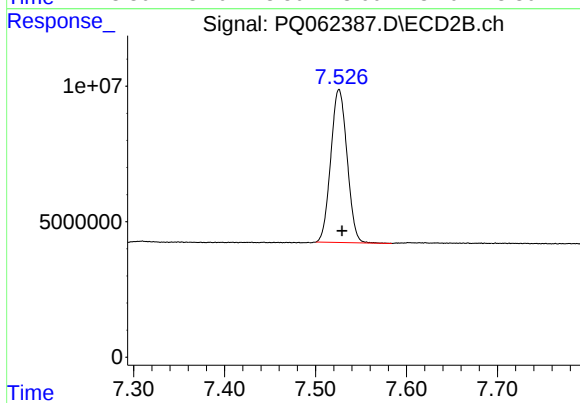
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 48949921
Conc: 19.51 ng/ml



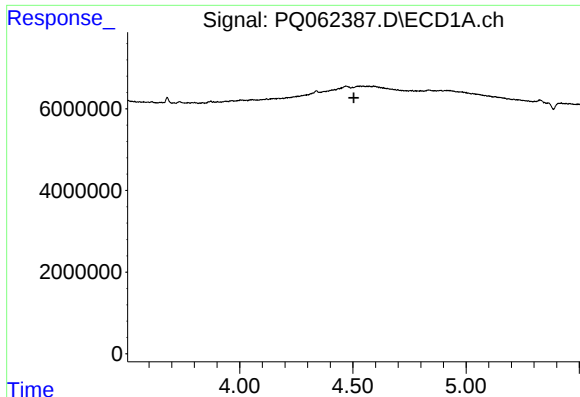
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.004 min
Response: 72845227
Conc: 20.05 ng/ml



#2 Decachlorobiphenyl

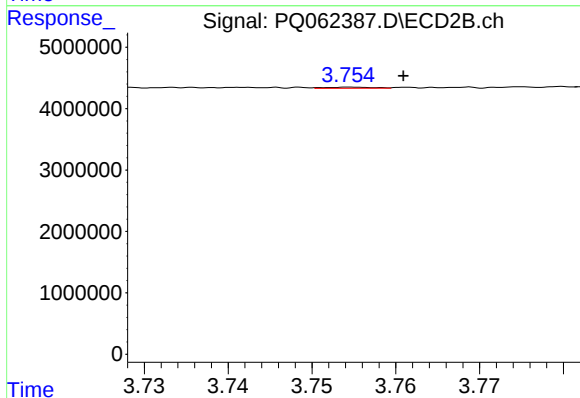
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 70188406
Conc: 21.06 ng/ml



#3 AR-1016-1

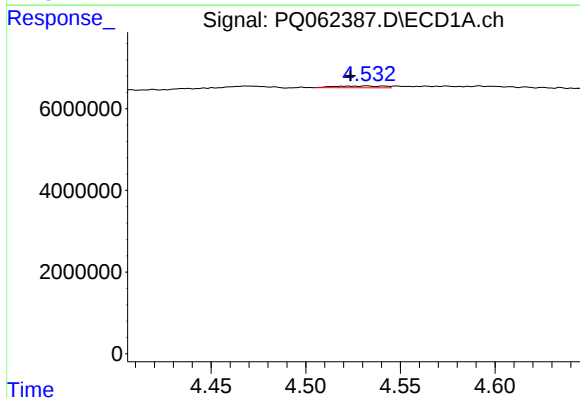
R.T.: 4.498 min
Delta R.T.: -0.006 min
Response: -88376
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



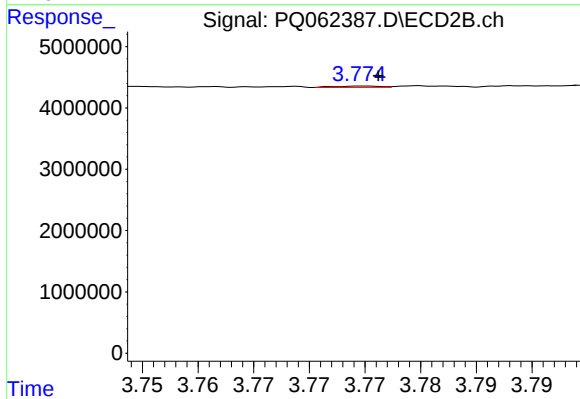
#3 AR-1016-1

R.T.: 3.755 min
Delta R.T.: -0.006 min
Response: 73617
Conc: 0.74 ng/ml



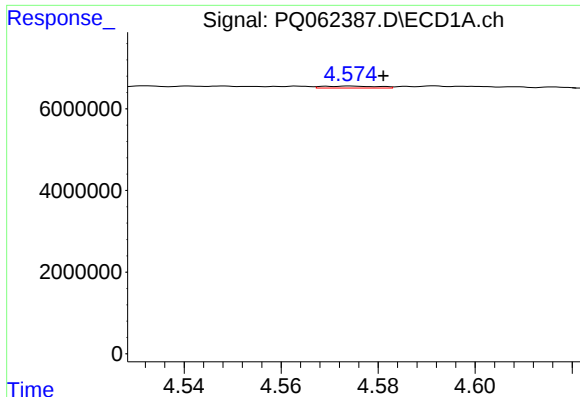
#4 AR-1016-2

R.T.: 4.532 min
Delta R.T.: 0.009 min
Response: 806849
Conc: 3.26 ng/ml



#4 AR-1016-2

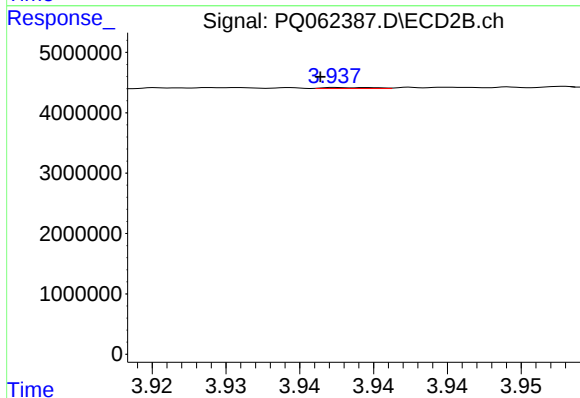
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 57856
Conc: 0.40 ng/ml



#5 AR-1016-3

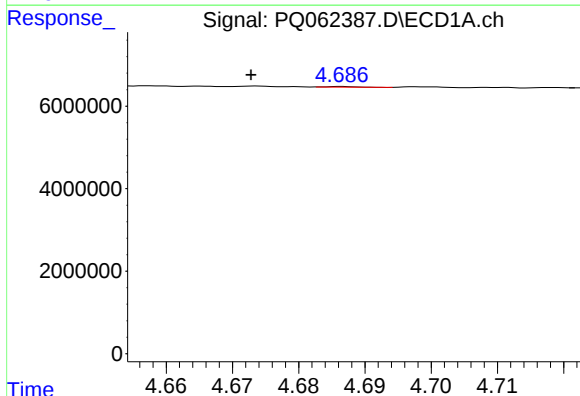
R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 385655
Conc: 2.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



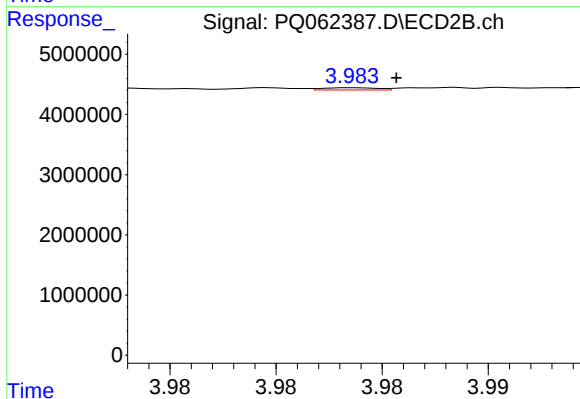
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: 0.001 min
Response: 37285
Conc: 0.49 ng/ml



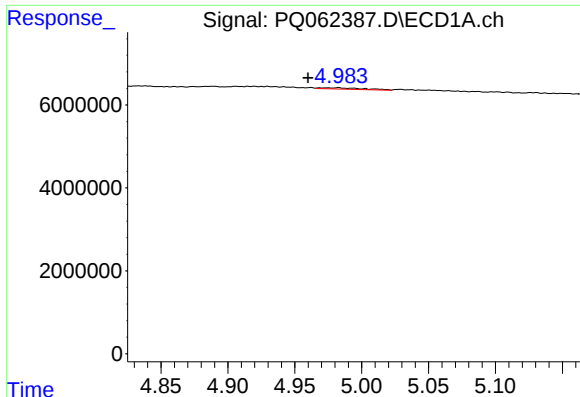
#6 AR-1016-4

R.T.: 4.686 min
Delta R.T.: 0.014 min
Response: 37470
Conc: 0.30 ng/ml



#6 AR-1016-4

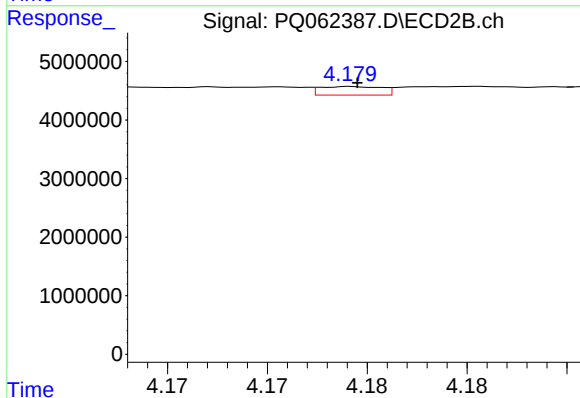
R.T.: 3.984 min
Delta R.T.: -0.002 min
Response: 69233
Conc: 1.05 ng/ml



#7 AR-1016-5

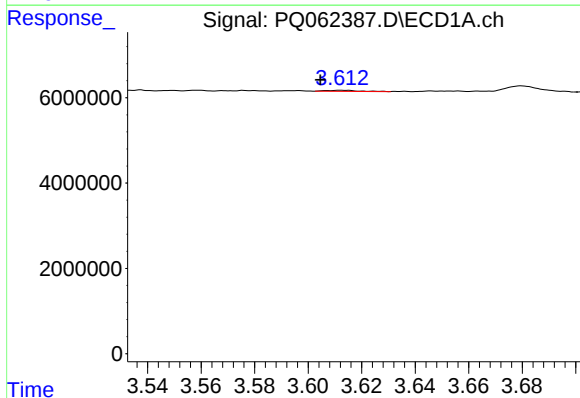
R.T.: 4.983 min
Delta R.T.: 0.023 min
Response: 762186
Conc: 6.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



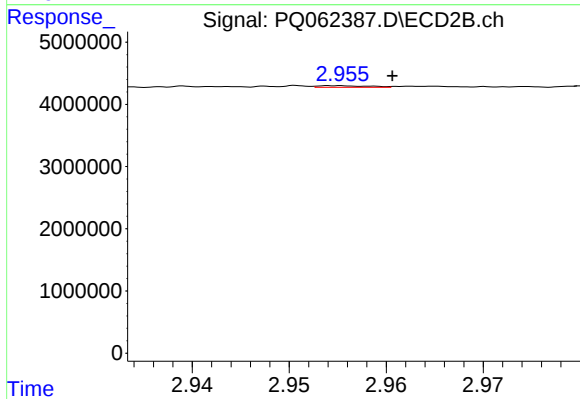
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 313349
Conc: 3.82 ng/ml



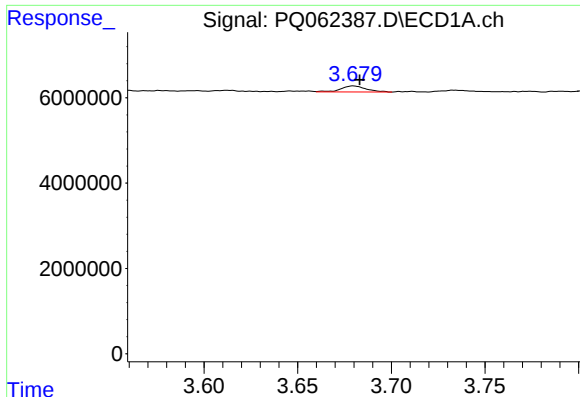
#8 AR-1221-1

R.T.: 3.613 min
Delta R.T.: 0.008 min
Response: 210130
Conc: 3.50 ng/ml



#8 AR-1221-1

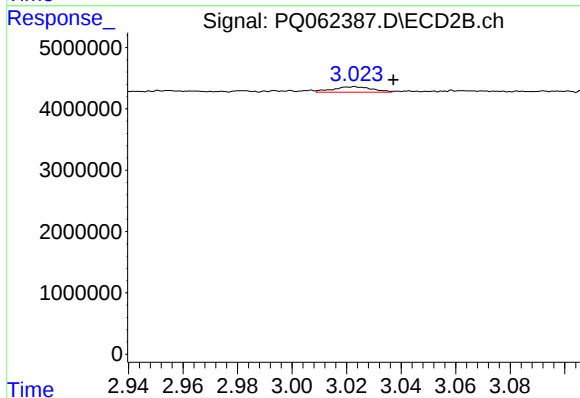
R.T.: 2.955 min
Delta R.T.: -0.005 min
Response: 98086
Conc: 2.97 ng/ml



#9 AR-1221-2

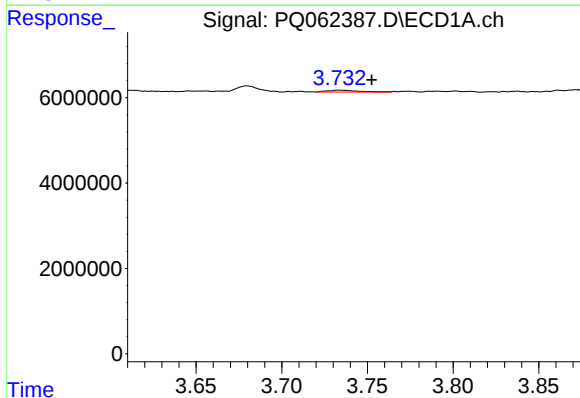
R.T.: 3.680 min
Delta R.T.: -0.003 min
Response: 1329857
Conc: 29.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



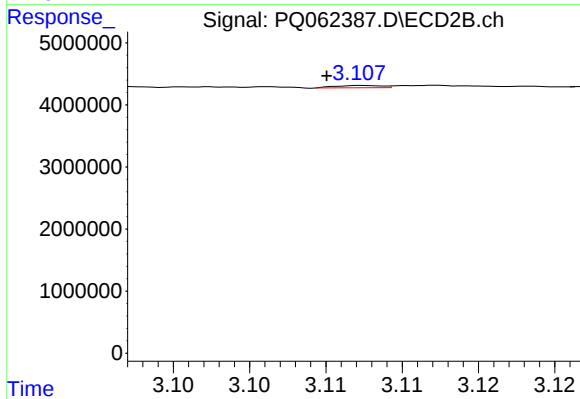
#9 AR-1221-2

R.T.: 3.023 min
Delta R.T.: -0.014 min
Response: 879509
Conc: 34.63 ng/ml



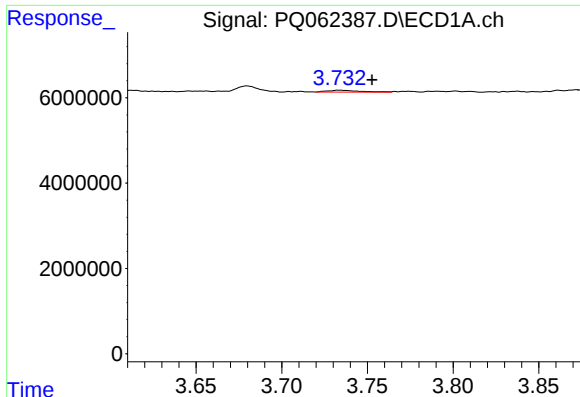
#10 AR-1221-3

R.T.: 3.734 min
Delta R.T.: -0.019 min
Response: 573752
Conc: 4.08 ng/ml



#10 AR-1221-3

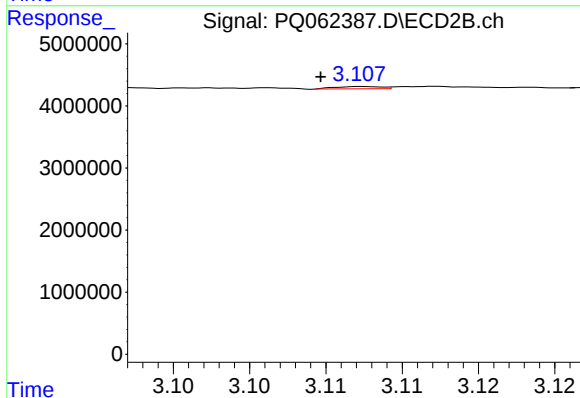
R.T.: 3.108 min
Delta R.T.: 0.003 min
Response: 73436
Conc: 0.95 ng/ml



#11 AR-1232-1

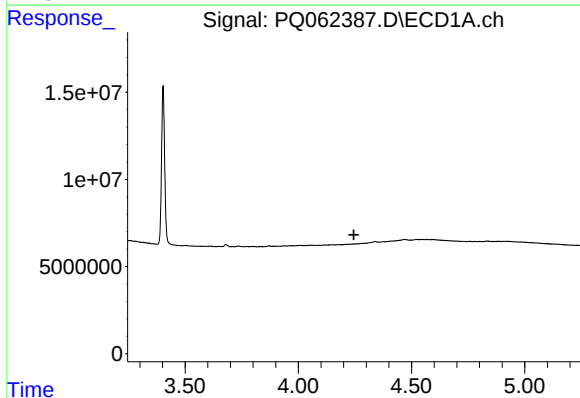
R.T.: 3.734 min
Delta R.T.: -0.019 min
Response: 573752
Conc: 5.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



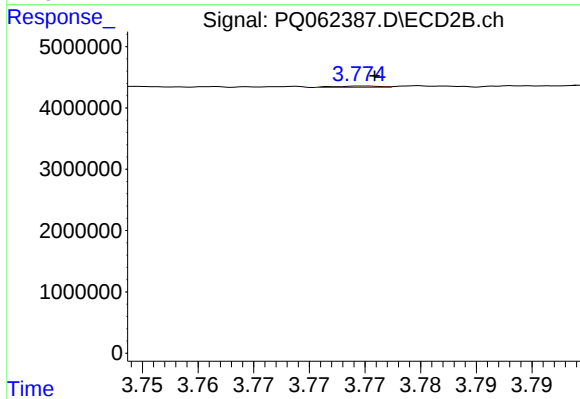
#11 AR-1232-1

R.T.: 3.108 min
Delta R.T.: 0.003 min
Response: 73436
Conc: 1.28 ng/ml



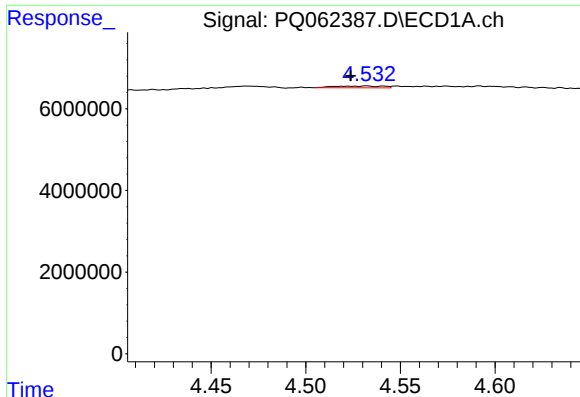
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.246 min
Response: 0
Conc: N.D.



#12 AR-1232-2

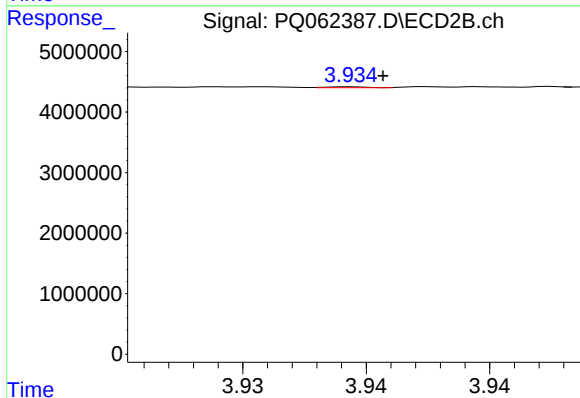
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 57856
Conc: 0.87 ng/ml



#13 AR-1232-3

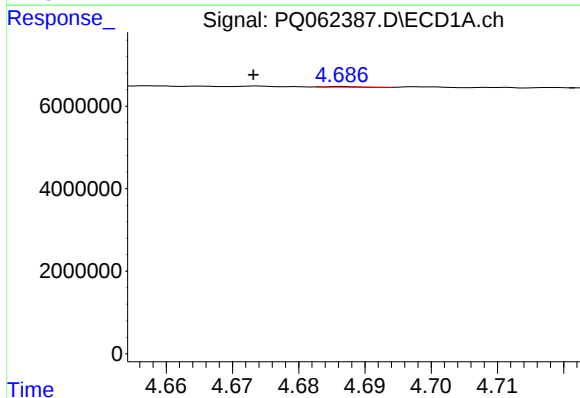
R.T.: 4.532 min
Delta R.T.: 0.009 min
Response: 806849
Conc: 7.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



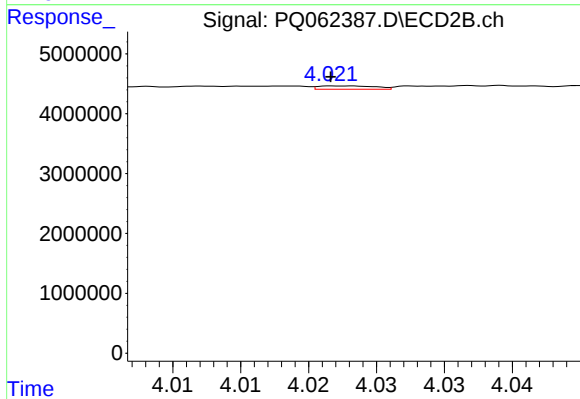
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 17328
Conc: 0.50 ng/ml



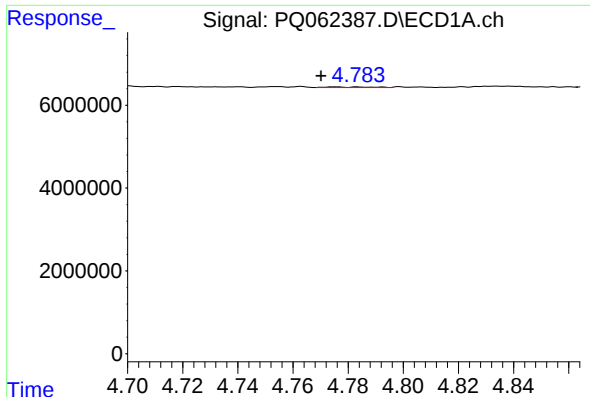
#14 AR-1232-4

R.T.: 4.686 min
Delta R.T.: 0.013 min
Response: 37470
Conc: 0.66 ng/ml



#14 AR-1232-4

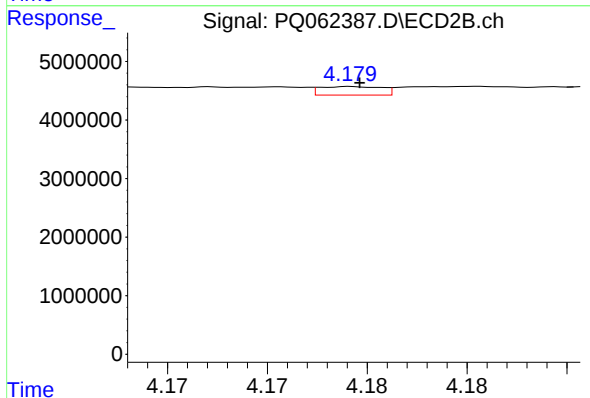
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 160988
Conc: 5.41 ng/ml



#15 AR-1232-5

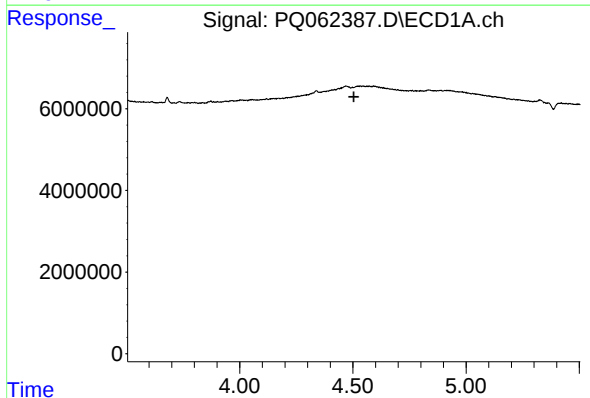
R.T.: 4.775 min
Delta R.T.: 0.005 min
Response: 157326
Conc: 3.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



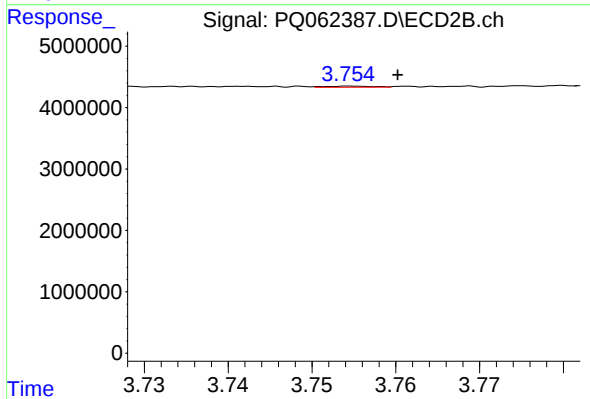
#15 AR-1232-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 313349
Conc: 8.79 ng/ml



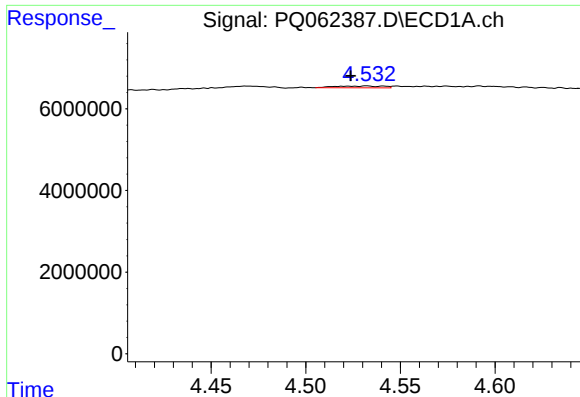
#16 AR-1242-1

R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: -88376
Conc: N.D.



#16 AR-1242-1

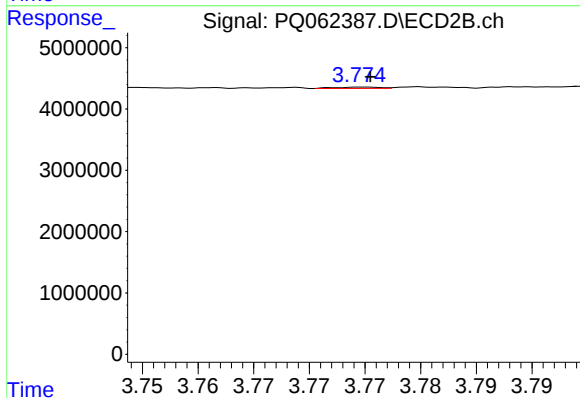
R.T.: 3.755 min
Delta R.T.: -0.006 min
Response: 73617
Conc: 0.95 ng/ml



#17 AR-1242-2

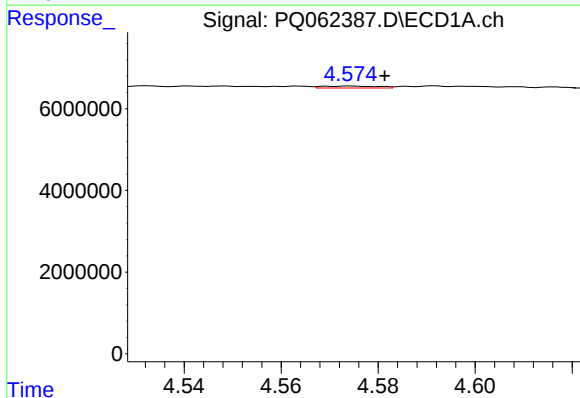
R.T.: 4.532 min
Delta R.T.: 0.009 min
Response: 806849
Conc: 4.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



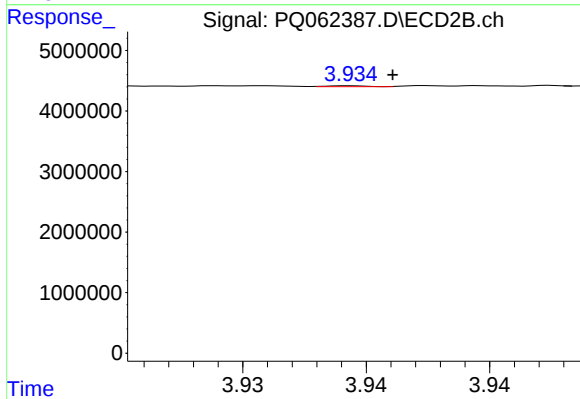
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 57856
Conc: 0.52 ng/ml



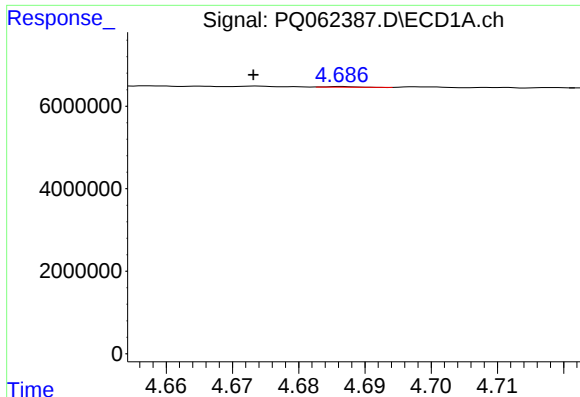
#18 AR-1242-3

R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 385655
Conc: 3.19 ng/ml



#18 AR-1242-3

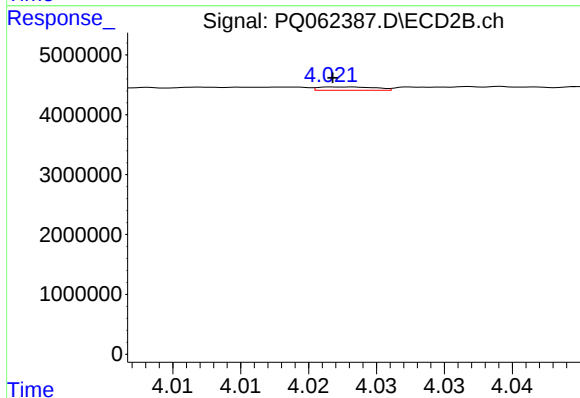
R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 17328
Conc: 0.30 ng/ml



#19 AR-1242-4

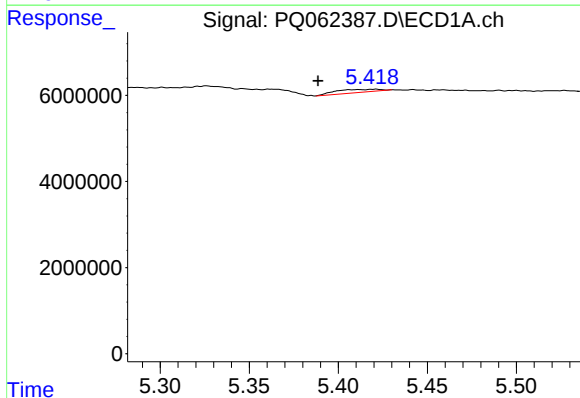
R.T.: 4.686 min
Delta R.T.: 0.013 min
Response: 37470
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



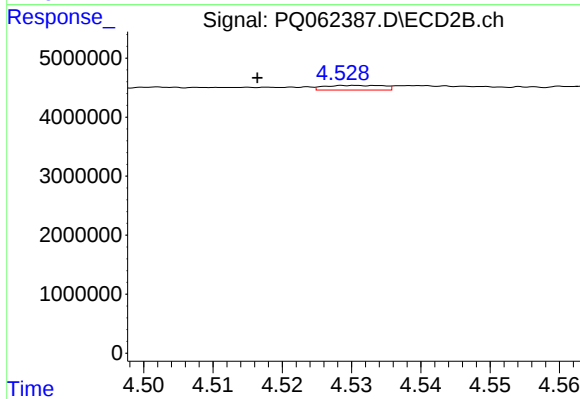
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 160988
Conc: 2.75 ng/ml



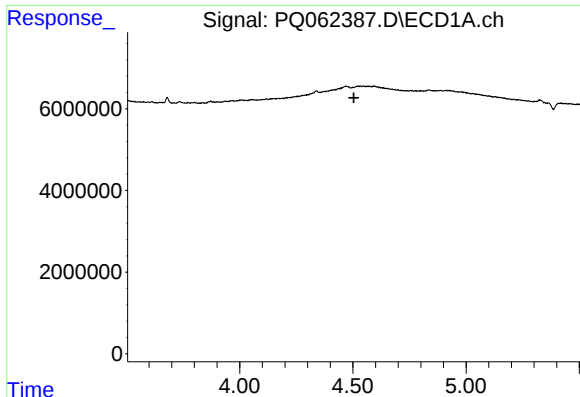
#20 AR-1242-5

R.T.: 5.421 min
Delta R.T.: 0.032 min
Response: 1215654
Conc: 12.70 ng/ml



#20 AR-1242-5

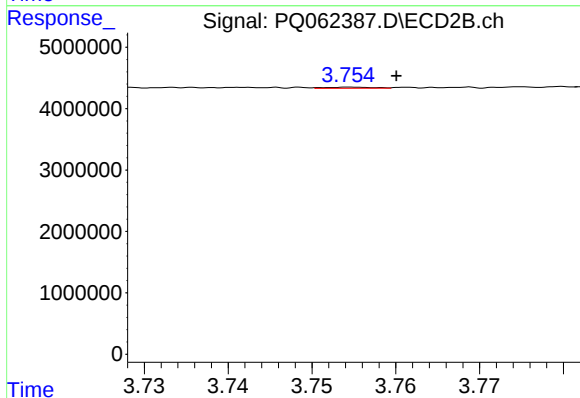
R.T.: 4.529 min
Delta R.T.: 0.012 min
Response: 468886
Conc: 5.66 ng/ml



#21 AR-1248-1

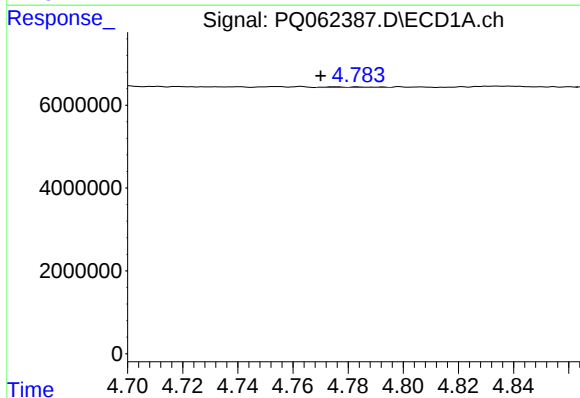
R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: -88376
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



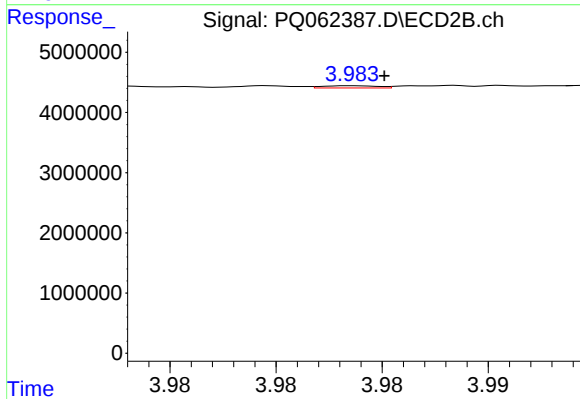
#21 AR-1248-1

R.T.: 3.755 min
Delta R.T.: -0.005 min
Response: 73617
Conc: 1.18 ng/ml



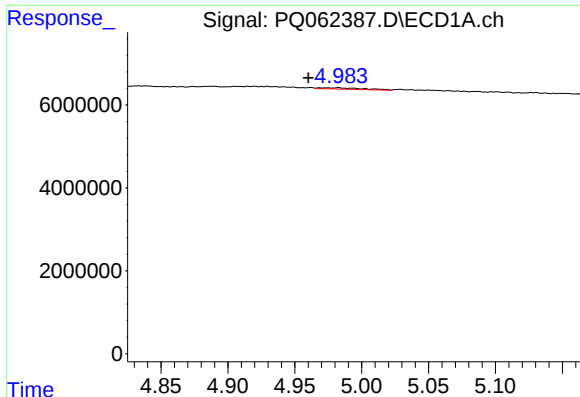
#22 AR-1248-2

R.T.: 4.775 min
Delta R.T.: 0.005 min
Response: 157326
Conc: 1.10 ng/ml



#22 AR-1248-2

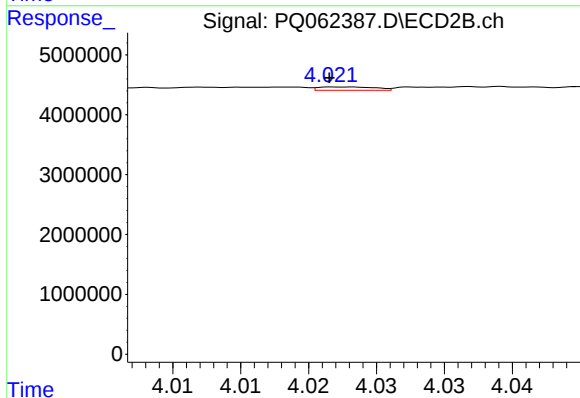
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 69233
Conc: 0.74 ng/ml



#23 AR-1248-3

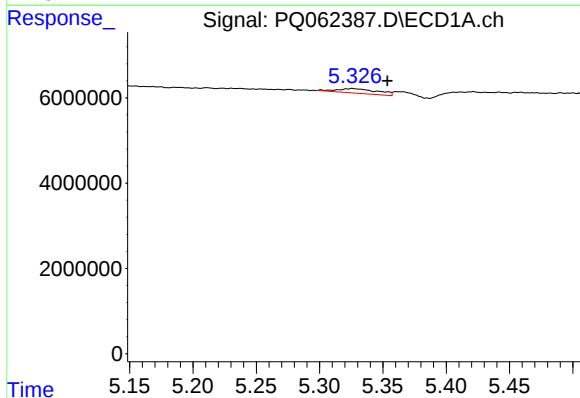
R.T.: 4.983 min
Delta R.T.: 0.023 min
Response: 762186
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



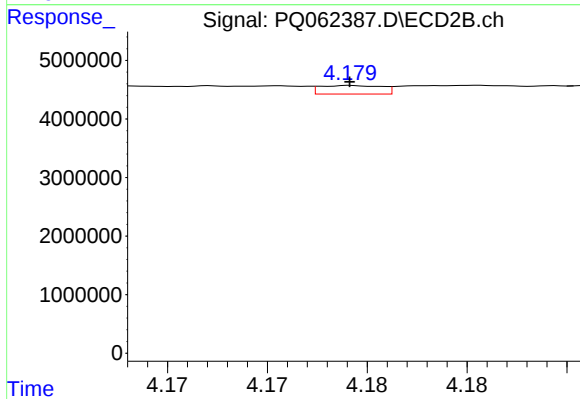
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 160988
Conc: 1.78 ng/ml



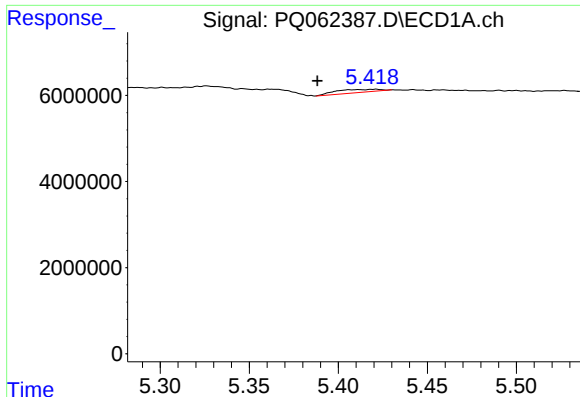
#24 AR-1248-4

R.T.: 5.326 min
Delta R.T.: -0.027 min
Response: 2381129
Conc: 12.41 ng/ml



#24 AR-1248-4

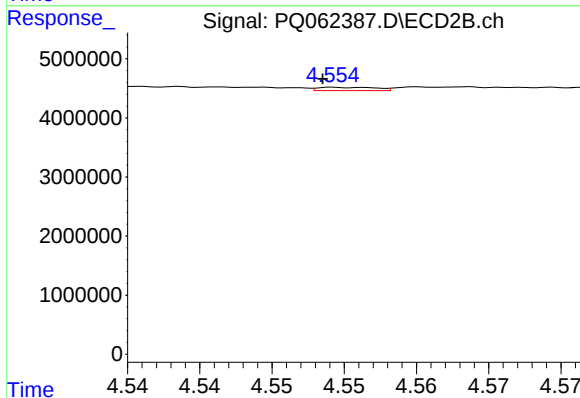
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 313349
Conc: 2.78 ng/ml



#25 AR-1248-5

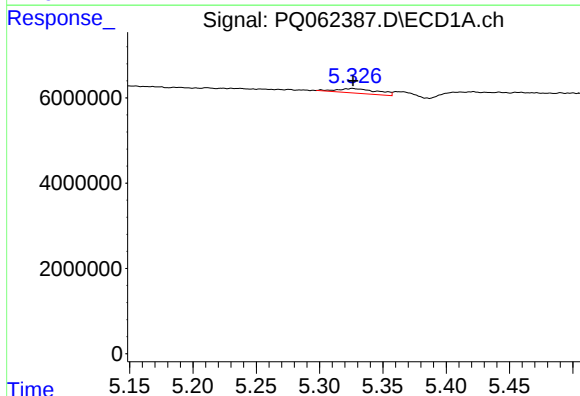
R.T.: 5.421 min
Delta R.T.: 0.033 min
Response: 1215654
Conc: 6.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



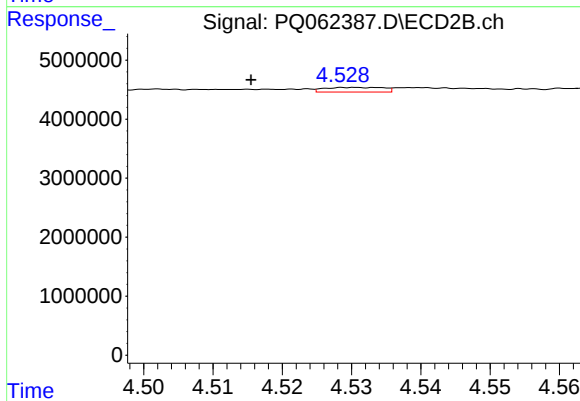
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: 0.001 min
Response: 157145
Conc: 1.40 ng/ml



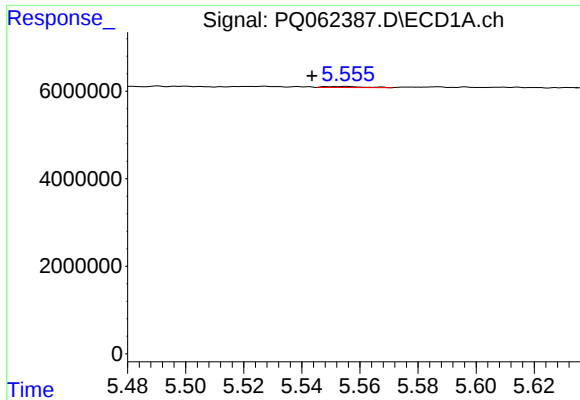
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 2381129
Conc: 12.81 ng/ml



#26 AR-1254-1

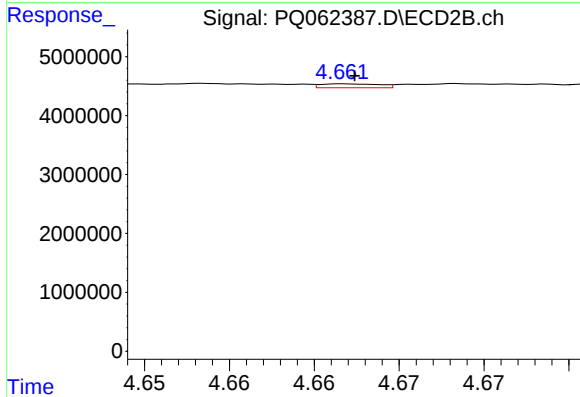
R.T.: 4.529 min
Delta R.T.: 0.013 min
Response: 468886
Conc: 2.90 ng/ml



#27 AR-1254-2

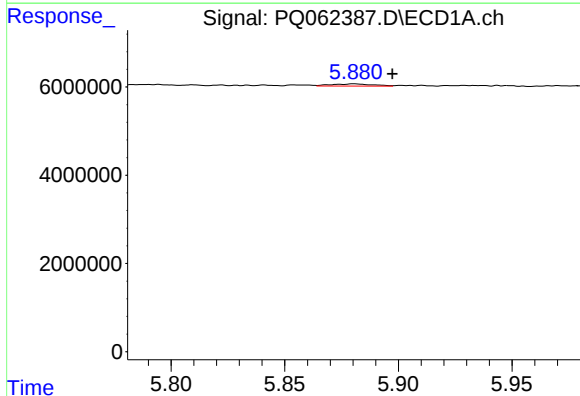
R.T.: 5.555 min
Delta R.T.: 0.012 min
Response: 216684
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



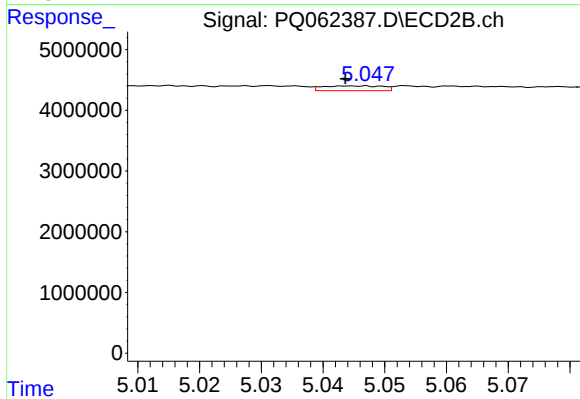
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 164799
Conc: 1.12 ng/ml



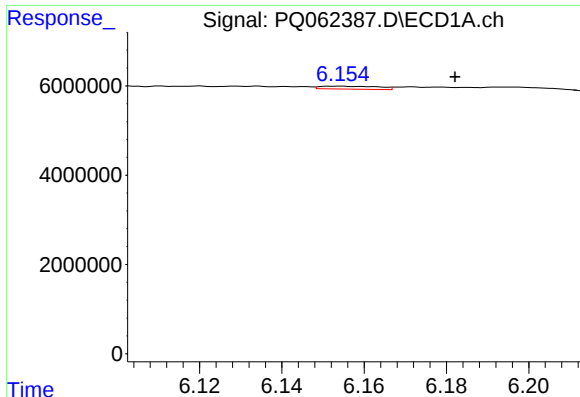
#28 AR-1254-3

R.T.: 5.881 min
Delta R.T.: -0.017 min
Response: 633338
Conc: 2.06 ng/ml



#28 AR-1254-3

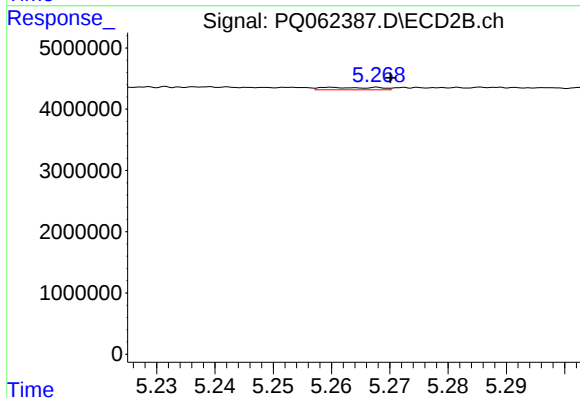
R.T.: 5.047 min
Delta R.T.: 0.003 min
Response: 531128
Conc: 2.27 ng/ml



#29 AR-1254-4

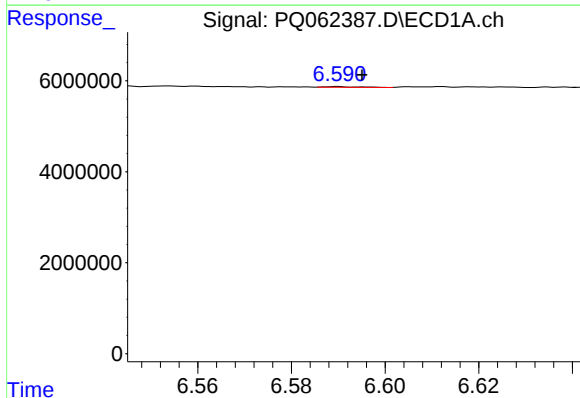
R.T.: 6.154 min
Delta R.T.: -0.028 min
Response: 640453
Conc: 2.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



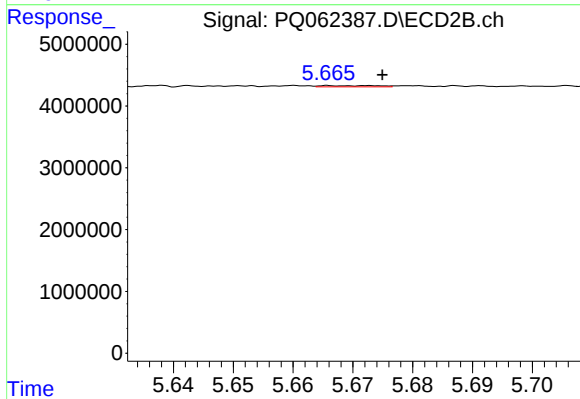
#29 AR-1254-4

R.T.: 5.260 min
Delta R.T.: -0.010 min
Response: 255570
Conc: 1.68 ng/ml



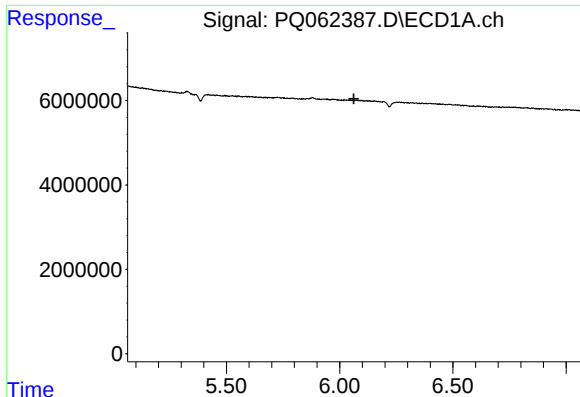
#30 AR-1254-5

R.T.: 6.590 min
Delta R.T.: -0.005 min
Response: 82820
Conc: 0.32 ng/ml



#30 AR-1254-5

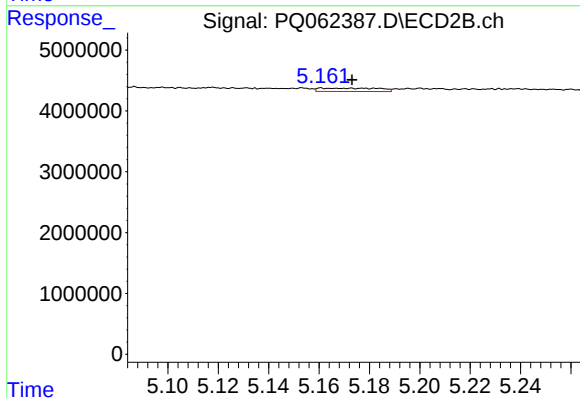
R.T.: 5.666 min
Delta R.T.: -0.009 min
Response: 130143
Conc: 0.56 ng/ml



#31 AR-1260-1

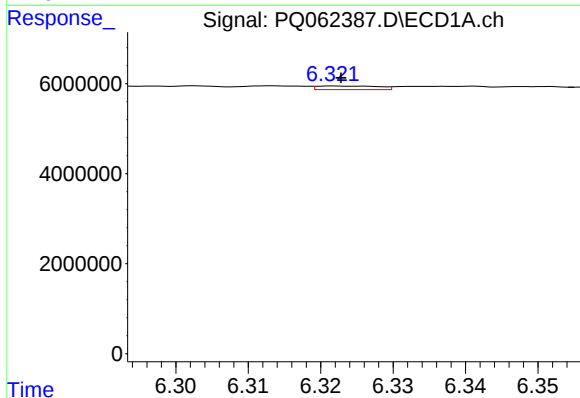
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



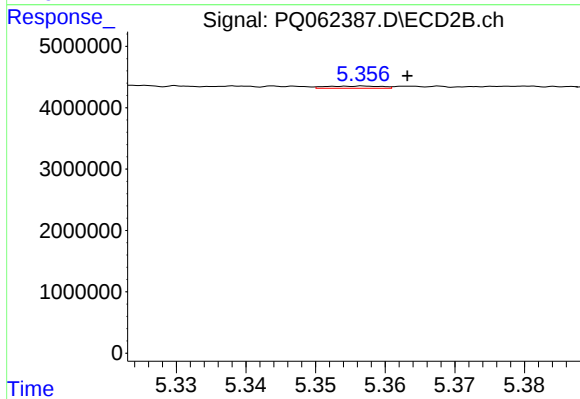
#31 AR-1260-1

R.T.: 5.161 min
Delta R.T.: -0.012 min
Response: 908735
Conc: 5.46 ng/ml



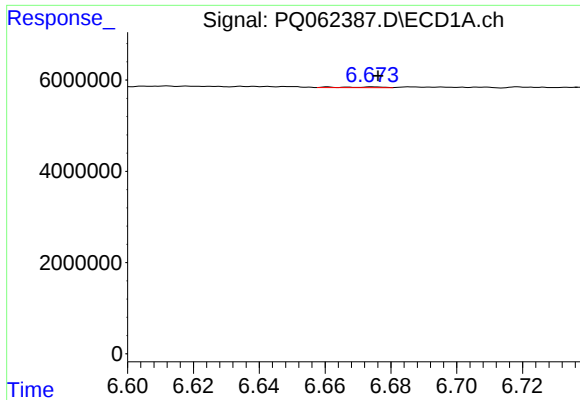
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 473788
Conc: 1.64 ng/ml



#32 AR-1260-2

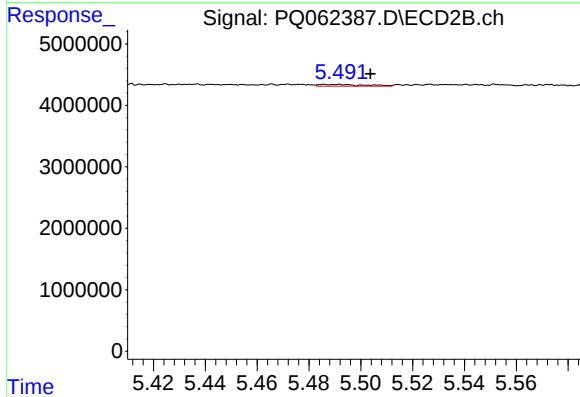
R.T.: 5.357 min
Delta R.T.: -0.006 min
Response: 205500
Conc: 0.99 ng/ml



#33 AR-1260-3

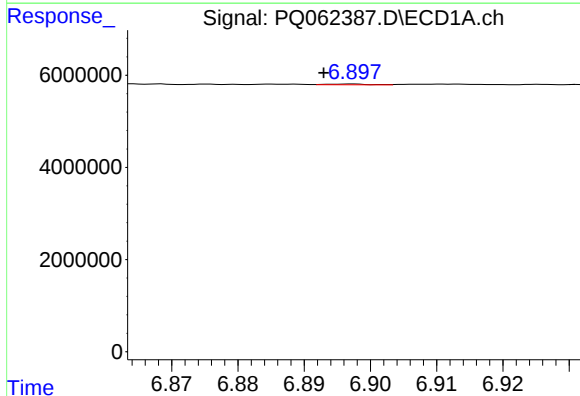
R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 133081
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



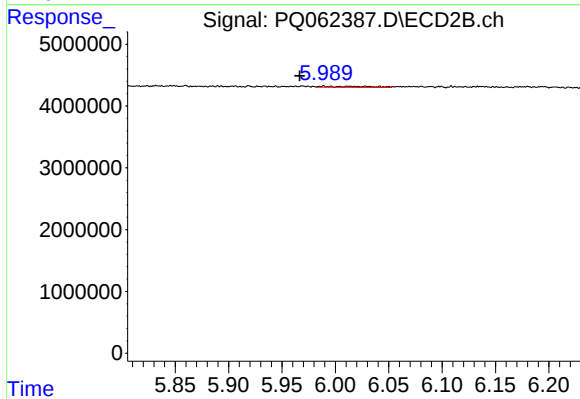
#33 AR-1260-3

R.T.: 5.492 min
Delta R.T.: -0.012 min
Response: 332823
Conc: 1.71 ng/ml



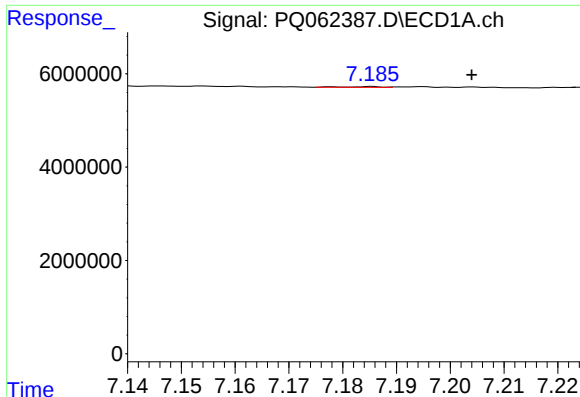
#34 AR-1260-4

R.T.: 6.897 min
Delta R.T.: 0.004 min
Response: 73798
Conc: 0.35 ng/ml



#34 AR-1260-4

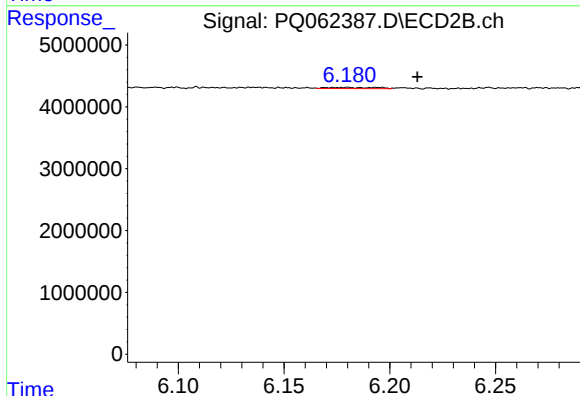
R.T.: 5.989 min
Delta R.T.: 0.022 min
Response: 496203
Conc: 3.40 ng/ml



#35 AR-1260-5

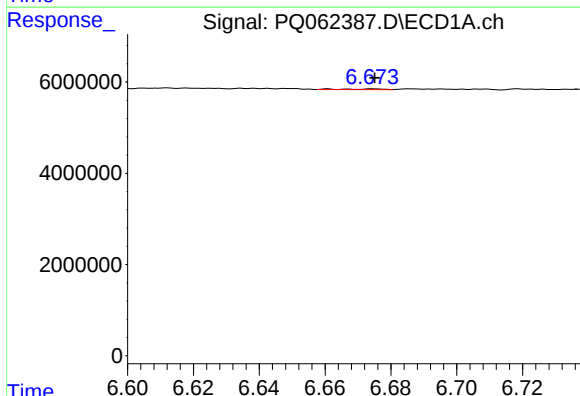
R.T.: 7.185 min
Delta R.T.: -0.019 min
Response: 74823
Conc: 0.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



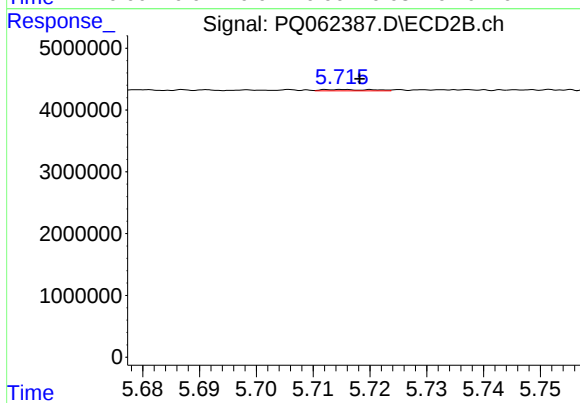
#35 AR-1260-5

R.T.: 6.180 min
Delta R.T.: -0.033 min
Response: 316481
Conc: 0.95 ng/ml



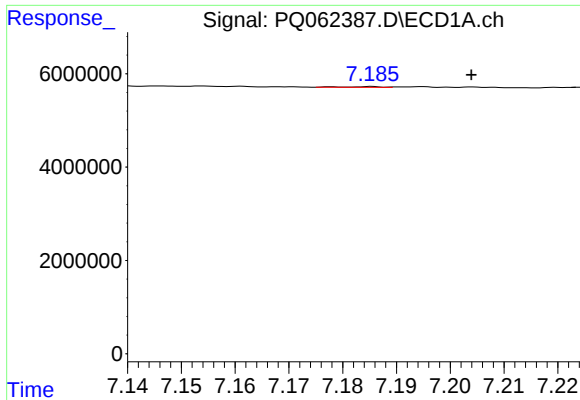
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 133081
Conc: 0.44 ng/ml



#36 AR-1262-1

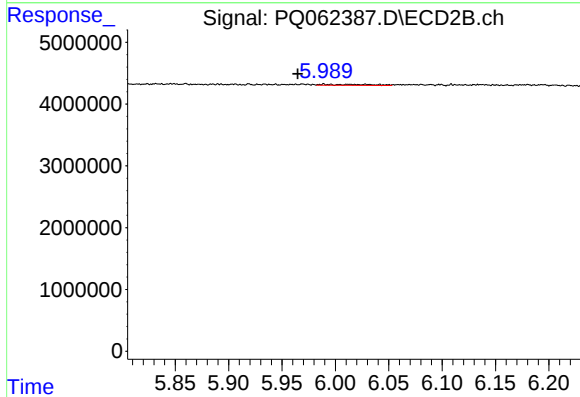
R.T.: 5.715 min
Delta R.T.: -0.003 min
Response: 121769
Conc: 0.52 ng/ml



#37 AR-1262-2

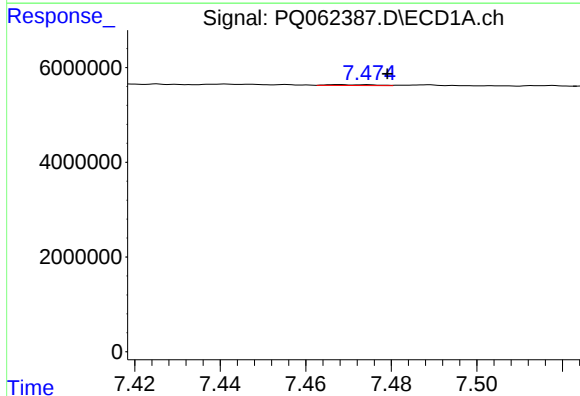
R.T.: 7.185 min
Delta R.T.: -0.019 min
Response: 74823
Conc: 0.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



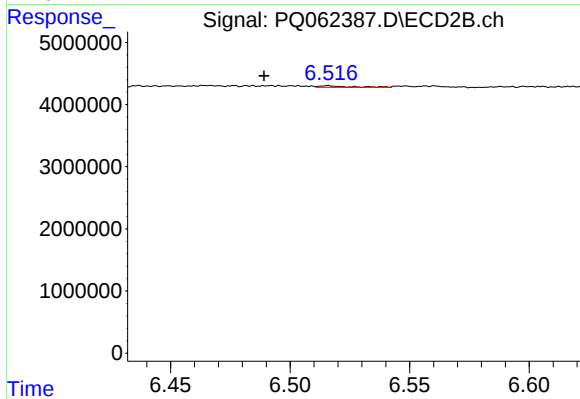
#37 AR-1262-2

R.T.: 5.989 min
Delta R.T.: 0.024 min
Response: 496203
Conc: 2.30 ng/ml



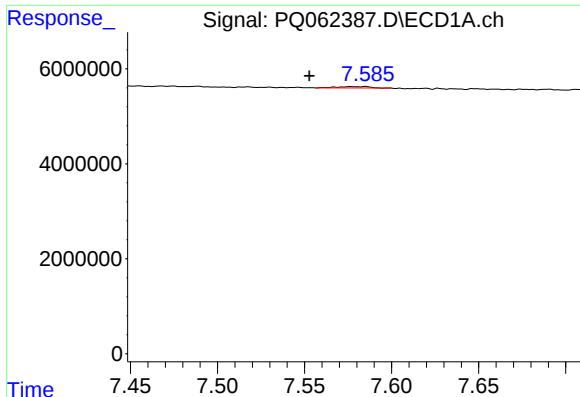
#38 AR-1262-3

R.T.: 7.468 min
Delta R.T.: -0.011 min
Response: 125125
Conc: 0.36 ng/ml



#38 AR-1262-3

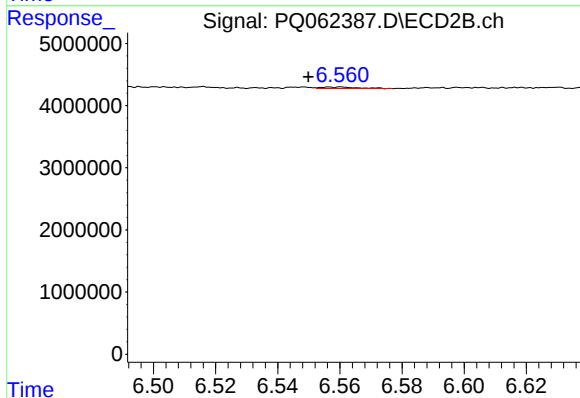
R.T.: 6.516 min
Delta R.T.: 0.027 min
Response: 217249
Conc: 1.25 ng/ml



#39 AR-1262-4

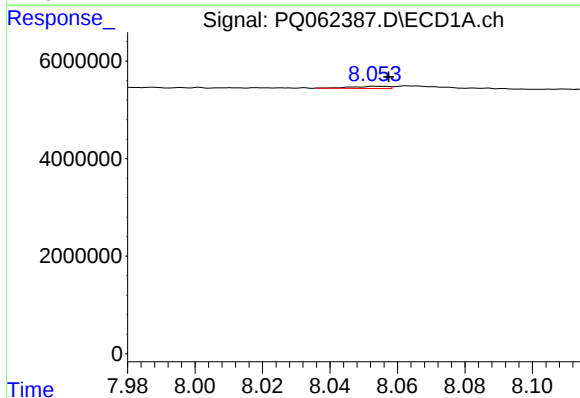
R.T.: 7.577 min
Delta R.T.: 0.024 min
Response: 365186
Conc: 1.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



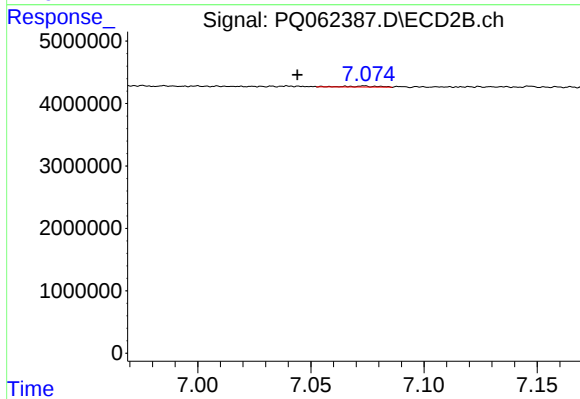
#39 AR-1262-4

R.T.: 6.560 min
Delta R.T.: 0.010 min
Response: 186281
Conc: 0.58 ng/ml



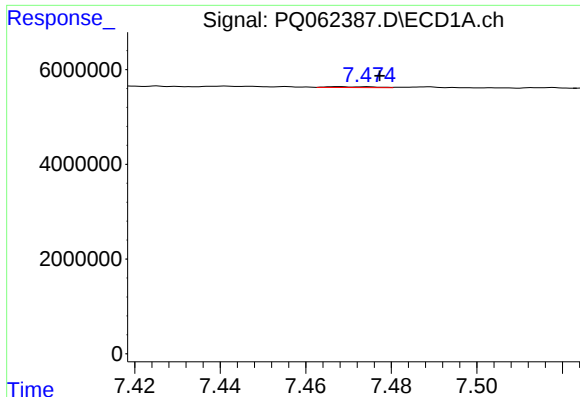
#40 AR-1262-5

R.T.: 8.054 min
Delta R.T.: -0.003 min
Response: 355380
Conc: 2.00 ng/ml



#40 AR-1262-5

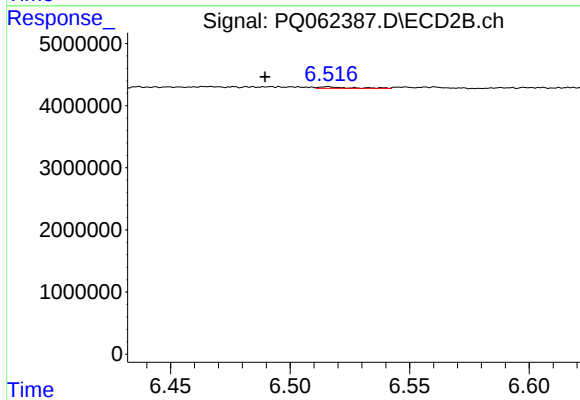
R.T.: 7.074 min
Delta R.T.: 0.030 min
Response: 146062
Conc: 0.94 ng/ml



#41 AR-1268-1

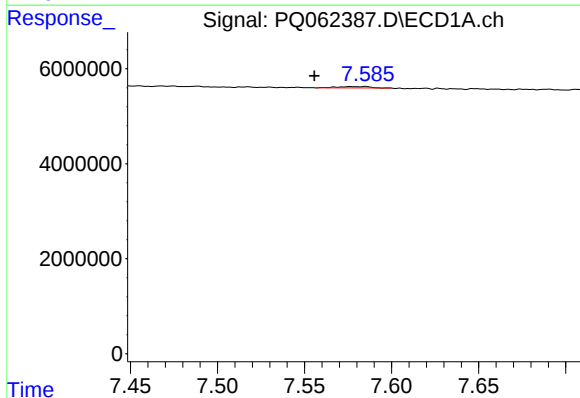
R.T.: 7.468 min
Delta R.T.: -0.010 min
Response: 125125
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



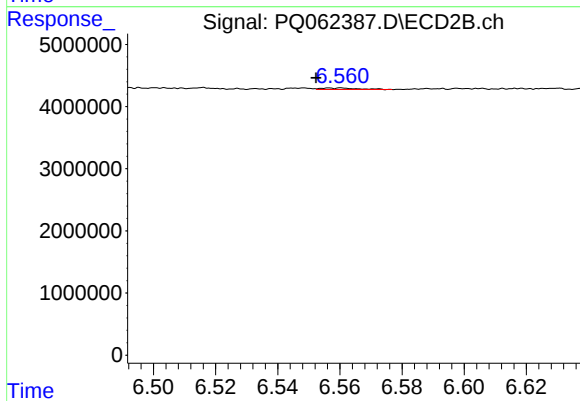
#41 AR-1268-1

R.T.: 6.516 min
Delta R.T.: 0.026 min
Response: 217249
Conc: 0.46 ng/ml



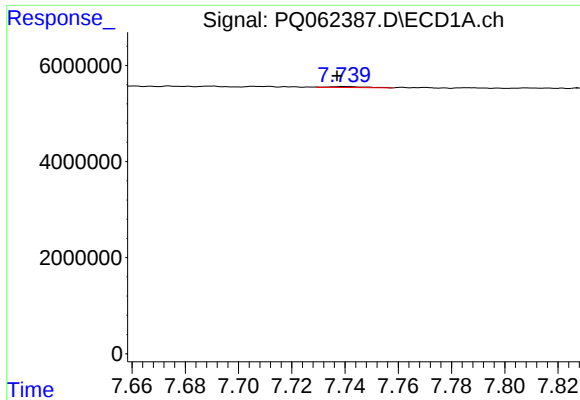
#42 AR-1268-2

R.T.: 7.577 min
Delta R.T.: 0.021 min
Response: 365186
Conc: 0.72 ng/ml



#42 AR-1268-2

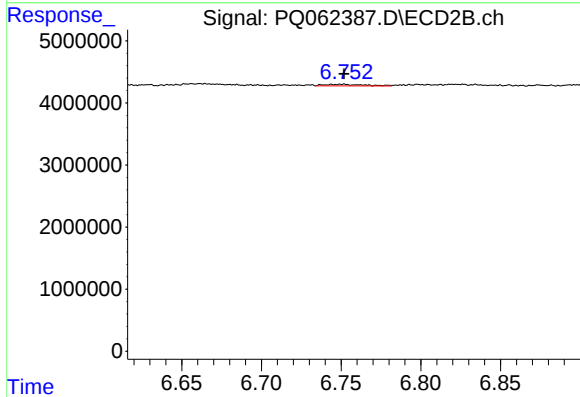
R.T.: 6.560 min
Delta R.T.: 0.008 min
Response: 186281
Conc: 0.44 ng/ml



#43 AR-1268-3

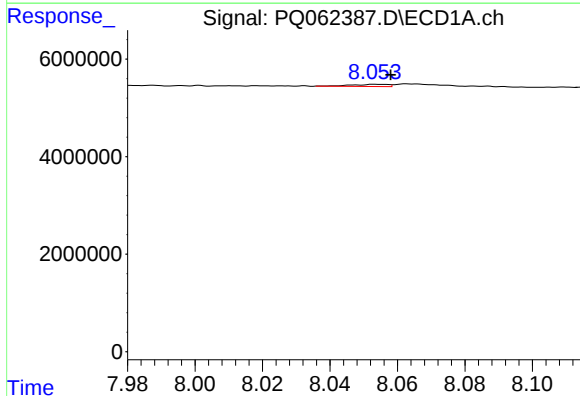
R.T.: 7.740 min
Delta R.T.: 0.003 min
Response: 163516
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



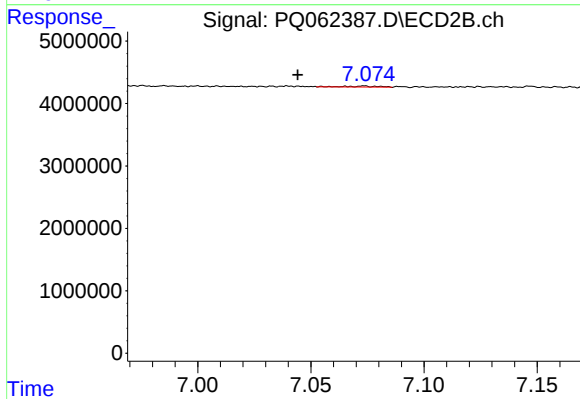
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 427229
Conc: 1.16 ng/ml



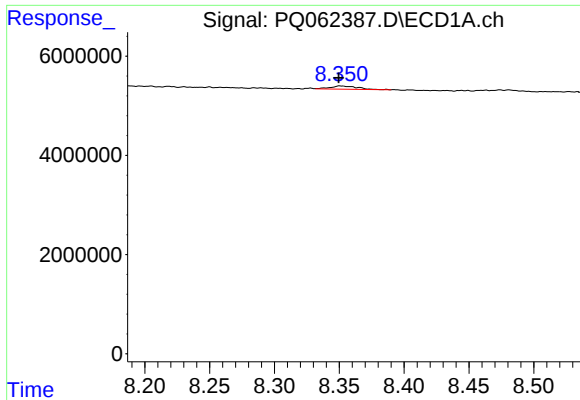
#44 AR-1268-4

R.T.: 8.054 min
Delta R.T.: -0.004 min
Response: 355380
Conc: 1.94 ng/ml



#44 AR-1268-4

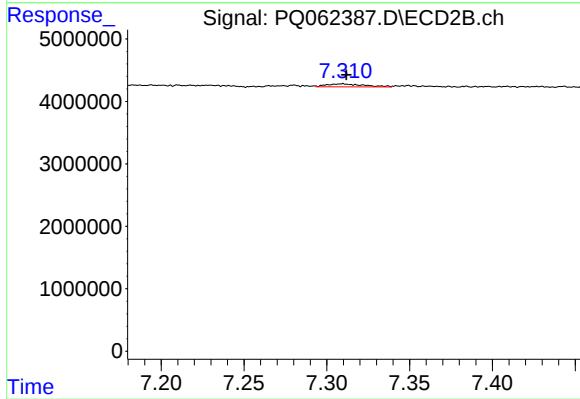
R.T.: 7.074 min
Delta R.T.: 0.029 min
Response: 146062
Conc: 0.91 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.001 min
Response: 959408
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 757972
Conc: 0.65 ng/ml