

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070623\
 Data File : PQ061968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 16:29
 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 06 21:58:27 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...	3.405	2.760	101.4E6	58629827	20.782	23.367
2)	SA Decachlor...	8.586	7.530	84557554	74920283	23.276	22.484
Target Compounds							
3)	L1 AR-1016-1	4.528	3.762	223991	89795	1.360	0.907 #
4)	L1 AR-1016-2	4.528	3.775	223991	101588	0.906	0.704
5)	L1 AR-1016-3	4.578	3.942	106428	46925	0.698	0.622
6)	L1 AR-1016-4	4.713f	3.987	123643	383270	0.986	5.835 #
7)	L1 AR-1016-5	4.943	4.185	131370	639977	1.079	7.806 #
8)	L2 AR-1221-1	3.614	2.954	461667	79136	7.681	2.398 #
9)	L2 AR-1221-2	3.682	3.027	3562157	884214	79.278	34.811 #
10)	L2 AR-1221-3	3.737	3.096	1038448	120000	7.390	1.557 #
11)	L3 AR-1232-1	3.737	3.096	1038448	120000	9.834	2.094 #
12)	L3 AR-1232-2	4.248	3.775	51341	101588	0.868	1.526 #
13)	L3 AR-1232-3	4.528	3.942	223991	46925	1.981	1.358 #
14)	L3 AR-1232-4	4.713f	4.022	123643	164773	2.182	5.540 #
15)	L3 AR-1232-5	4.781	4.185	265813	639977	6.637	17.946 #
16)	L4 AR-1242-1	4.528	3.762	223991	89795	1.714	1.161 #
17)	L4 AR-1242-2	4.528	3.775	223991	101588	1.154	0.914
18)	L4 AR-1242-3	4.578	3.942	106428	46925	0.881	0.801
19)	L4 AR-1242-4	4.713f	4.022	123643	164773	1.268	2.810 #
20)	L4 AR-1242-5	5.411	4.502	1287225	671616	13.446	8.102 #
21)	L5 AR-1248-1	4.528	3.762	223991	89795	2.154	1.436 #
22)	L5 AR-1248-2	4.781	3.987	265813	383270	1.850	4.087 #
23)	L5 AR-1248-3	4.943	4.022	131370	164773	0.756	1.820 #
24)	L5 AR-1248-4	5.355	4.185	7351944	639977	38.305	5.672 #
25)	L5 AR-1248-5	5.411	4.538	1287225	1228314	7.107	10.964 #
26)	L6 AR-1254-1	5.355f	4.502	7351944	671616	39.565	4.160 #
27)	L6 AR-1254-2	5.538	4.666	112018	638185	0.385	4.335 #
28)	L6 AR-1254-3	5.912	5.039	388458	1028476	1.265	4.401 #
29)	L6 AR-1254-4	6.197	5.252	2662548	2510419	11.467	16.471 #
30)	L6 AR-1254-5	6.579	5.682	186400	857806	0.726	3.717 #
31)	L7 AR-1260-1	6.062	5.177	215169	1766827	0.912	10.608 #
32)	L7 AR-1260-2	6.339	5.363	1035194	1165793	3.584	5.606 #
33)	L7 AR-1260-3	6.669	5.505	176475	2542461	0.999	13.068 #
34)	L7 AR-1260-4	6.941f	5.950	157561	49730	0.748	0.341 #
36)	L8 AR-1262-1	6.669	5.724	176475	2313736	0.579	9.953 #
37)	L8 AR-1262-2	0.000	5.950	0	49730	N.D.	0.230 #
38)	L8 AR-1262-3	7.470	6.444f	199839	119646	0.567	0.686
39)	L8 AR-1262-4	7.576	6.548	628787	845914	2.357	2.625
41)	L9 AR-1268-1	7.470	6.444f	199839	119646	0.352	0.254 #
42)	L9 AR-1268-2	7.576	6.548	628787	845914	1.233	1.996 #
43)	L9 AR-1268-3	0.000	6.751	0	296229	N.D.	0.804 #

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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
45) L9	AR-1268-5	8.352	7.313	1047984	1403526	0.831	1.203 #

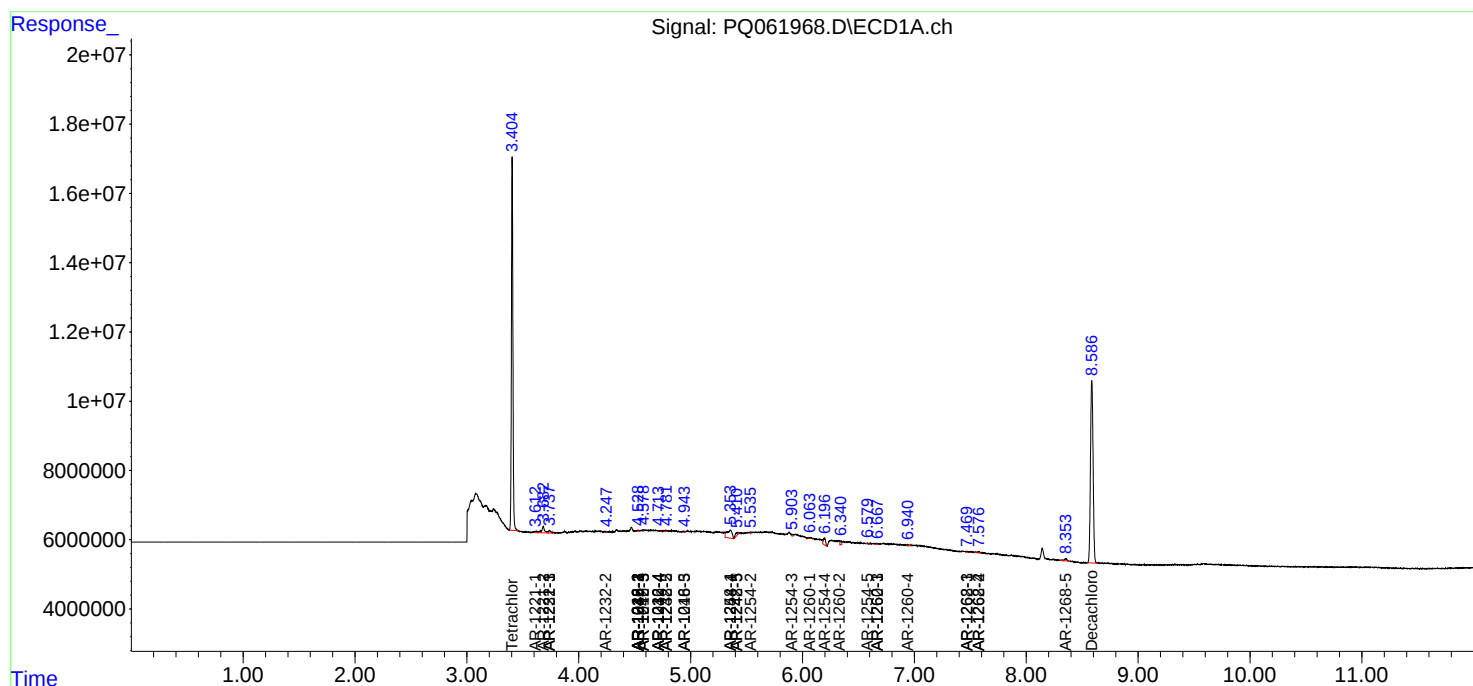
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

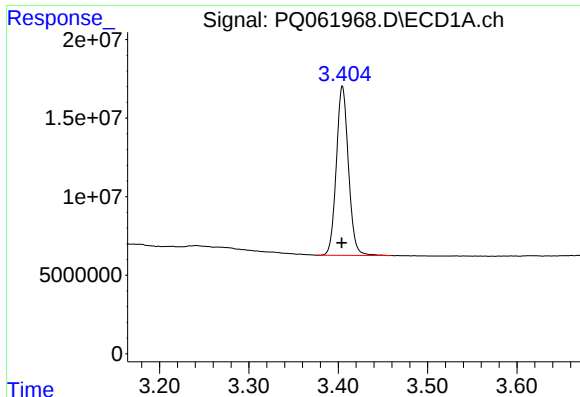
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070623\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

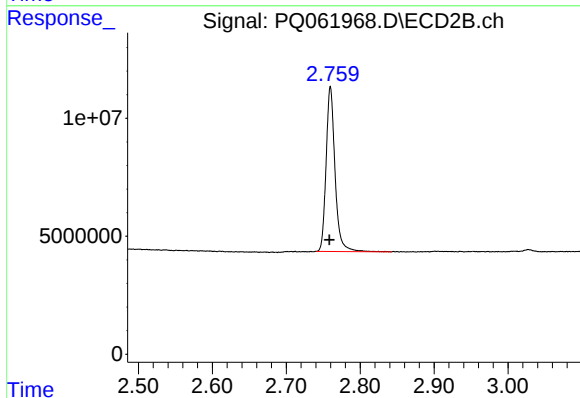




#1 Tetrachloro-m-xylene

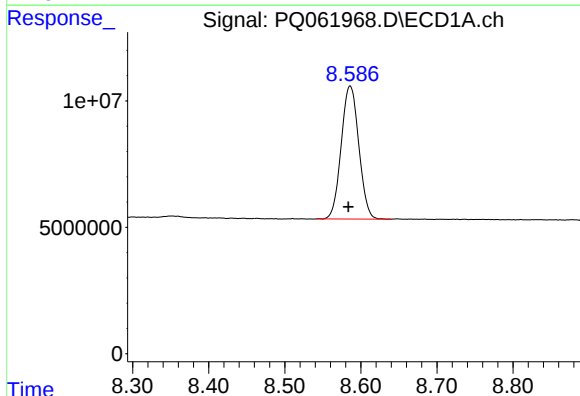
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 101378143
Conc: 20.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



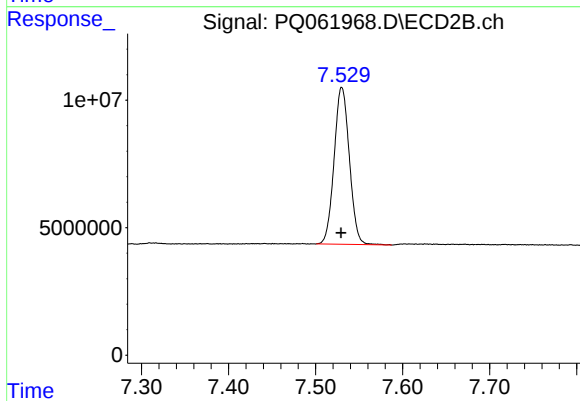
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.001 min
Response: 58629827
Conc: 23.37 ng/ml



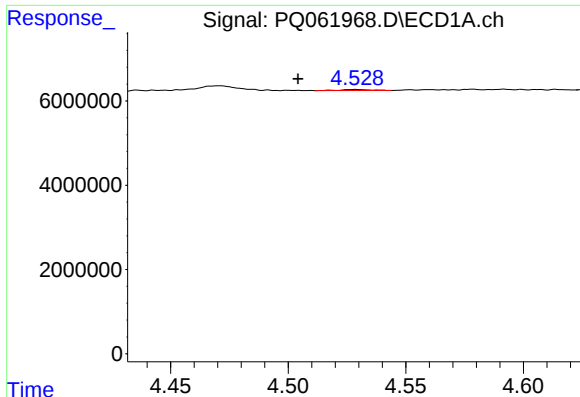
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 84557554
Conc: 23.28 ng/ml



#2 Decachlorobiphenyl

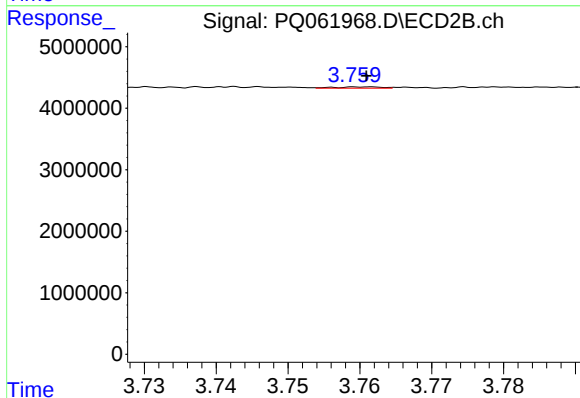
R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 74920283
Conc: 22.48 ng/ml



#3 AR-1016-1

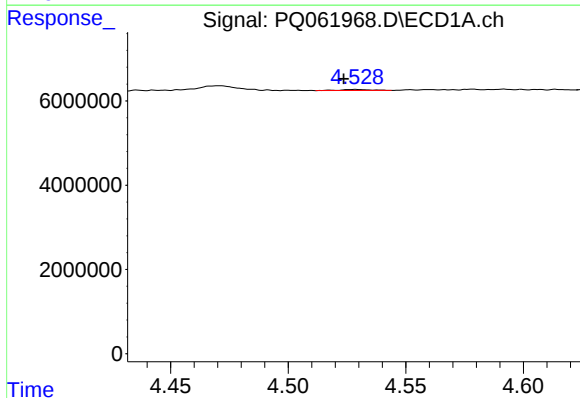
R.T.: 4.528 min
Delta R.T.: 0.024 min
Response: 223991
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



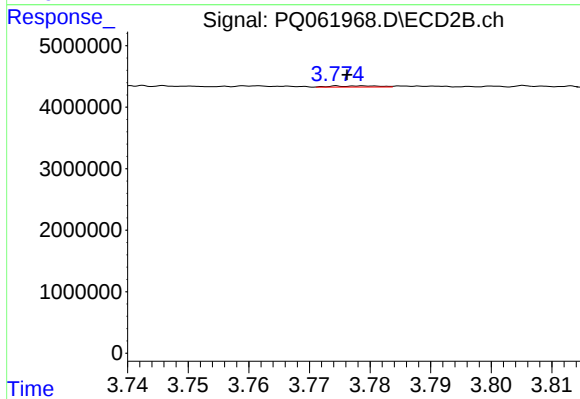
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: 0.000 min
Response: 89795
Conc: 0.91 ng/ml



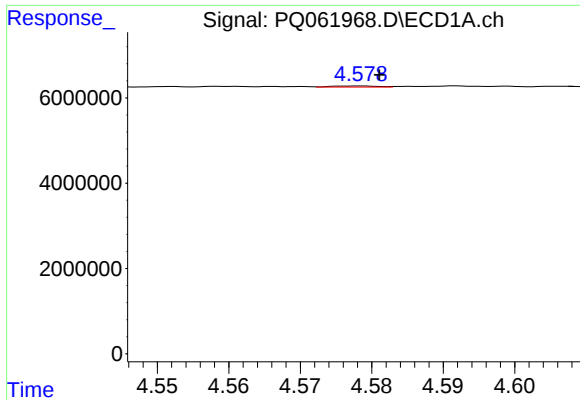
#4 AR-1016-2

R.T.: 4.528 min
Delta R.T.: 0.005 min
Response: 223991
Conc: 0.91 ng/ml



#4 AR-1016-2

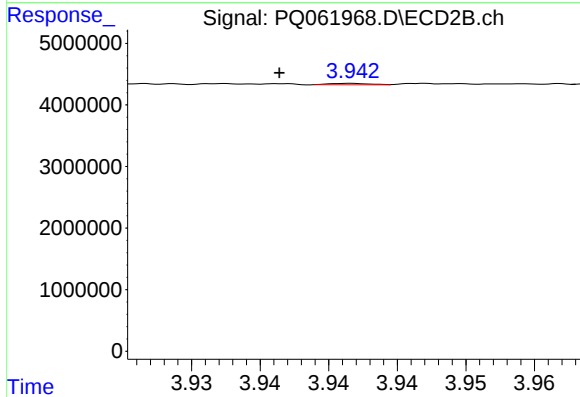
R.T.: 3.775 min
Delta R.T.: -0.002 min
Response: 101588
Conc: 0.70 ng/ml



#5 AR-1016-3

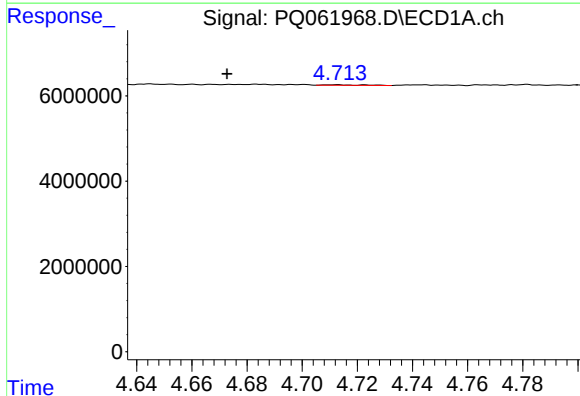
R.T.: 4.578 min
Delta R.T.: -0.003 min
Response: 106428
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



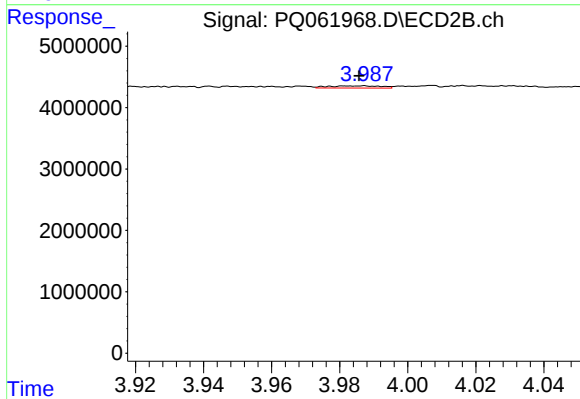
#5 AR-1016-3

R.T.: 3.942 min
Delta R.T.: 0.005 min
Response: 46925
Conc: 0.62 ng/ml



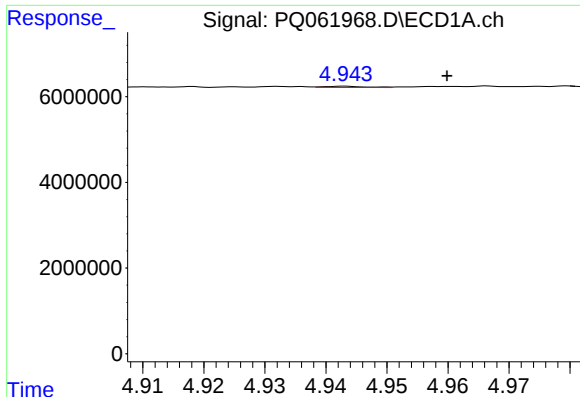
#6 AR-1016-4

R.T.: 4.713 min
Delta R.T.: 0.040 min
Response: 123643
Conc: 0.99 ng/ml



#6 AR-1016-4

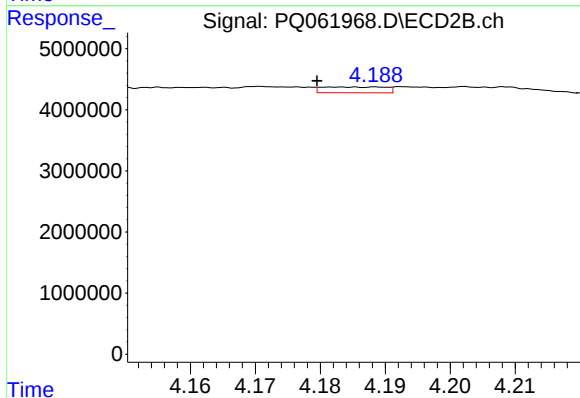
R.T.: 3.987 min
Delta R.T.: 0.002 min
Response: 383270
Conc: 5.84 ng/ml



#7 AR-1016-5

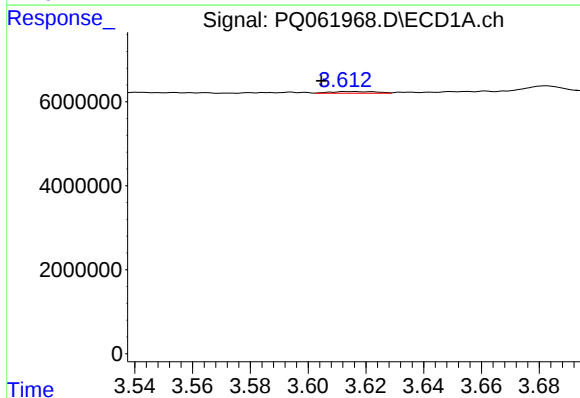
R.T.: 4.943 min
Delta R.T.: -0.017 min
Response: 131370
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



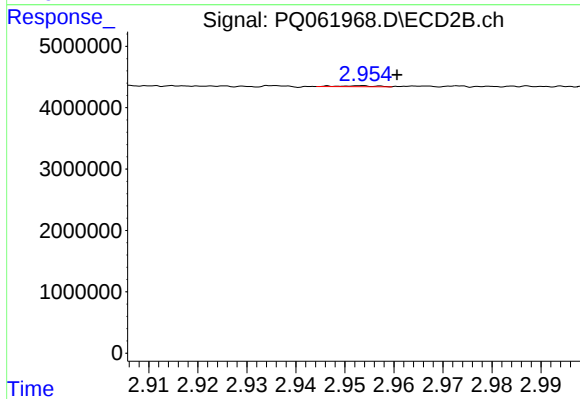
#7 AR-1016-5

R.T.: 4.185 min
Delta R.T.: 0.006 min
Response: 639977
Conc: 7.81 ng/ml



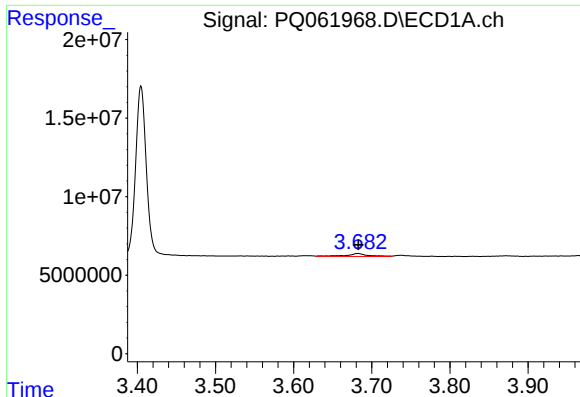
#8 AR-1221-1

R.T.: 3.614 min
Delta R.T.: 0.009 min
Response: 461667
Conc: 7.68 ng/ml



#8 AR-1221-1

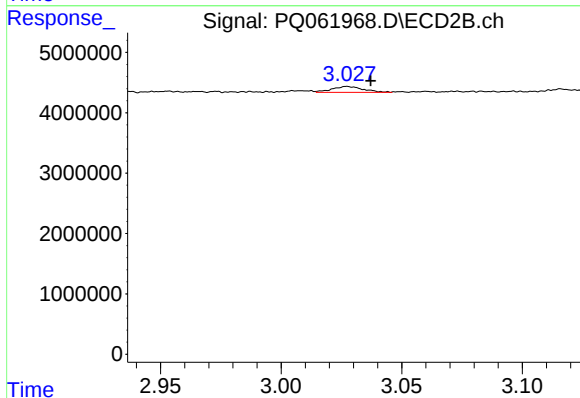
R.T.: 2.954 min
Delta R.T.: -0.007 min
Response: 79136
Conc: 2.40 ng/ml



#9 AR-1221-2

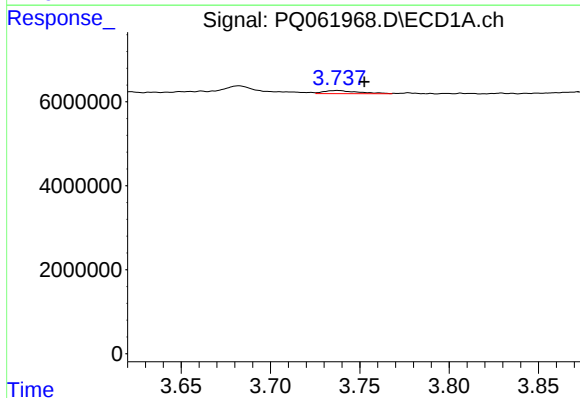
R.T.: 3.682 min
Delta R.T.: 0.000 min
Response: 3562157
Conc: 79.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



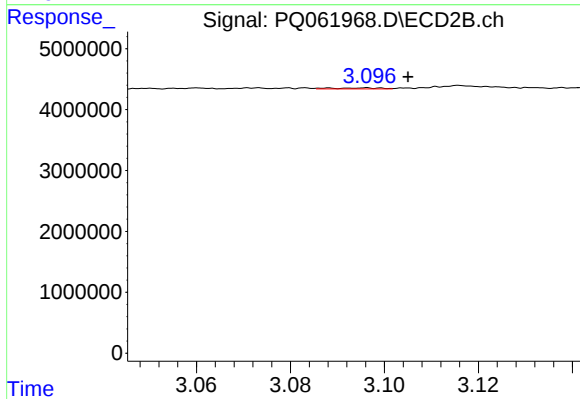
#9 AR-1221-2

R.T.: 3.027 min
Delta R.T.: -0.010 min
Response: 884214
Conc: 34.81 ng/ml



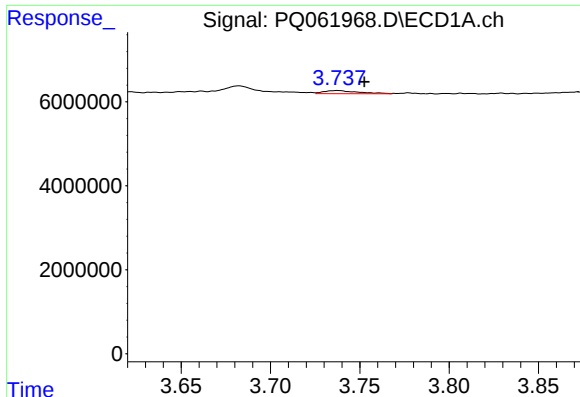
#10 AR-1221-3

R.T.: 3.737 min
Delta R.T.: -0.015 min
Response: 1038448
Conc: 7.39 ng/ml



#10 AR-1221-3

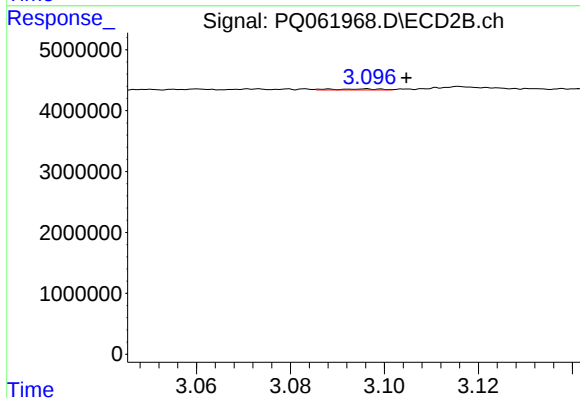
R.T.: 3.096 min
Delta R.T.: -0.009 min
Response: 120000
Conc: 1.56 ng/ml



#11 AR-1232-1

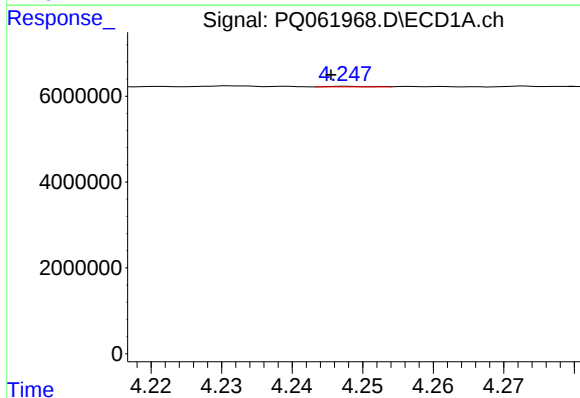
R.T.: 3.737 min
Delta R.T.: -0.015 min
Response: 1038448
Conc: 9.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



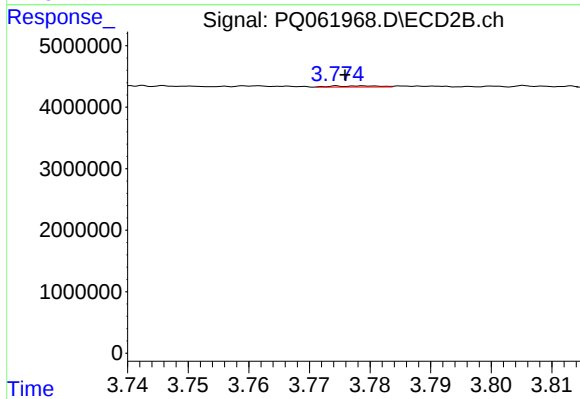
#11 AR-1232-1

R.T.: 3.096 min
Delta R.T.: -0.008 min
Response: 120000
Conc: 2.09 ng/ml



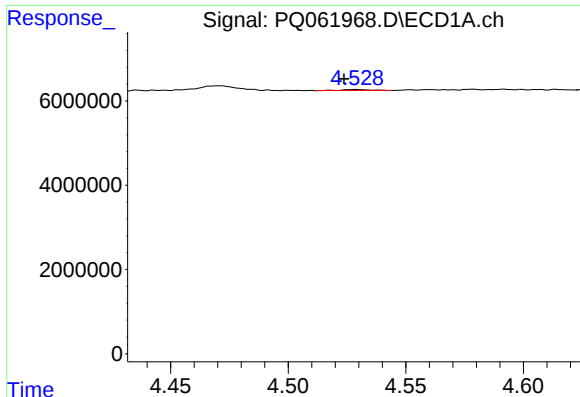
#12 AR-1232-2

R.T.: 4.248 min
Delta R.T.: 0.002 min
Response: 51341
Conc: 0.87 ng/ml



#12 AR-1232-2

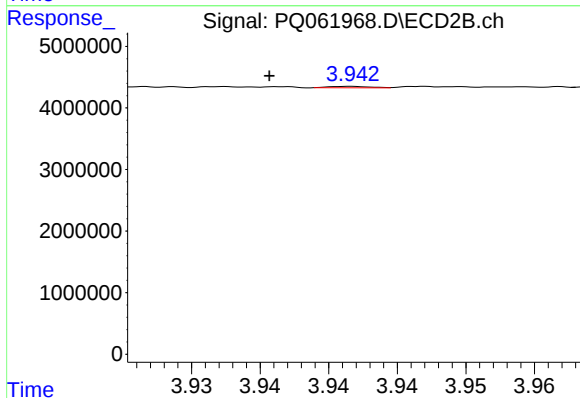
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 101588
Conc: 1.53 ng/ml



#13 AR-1232-3

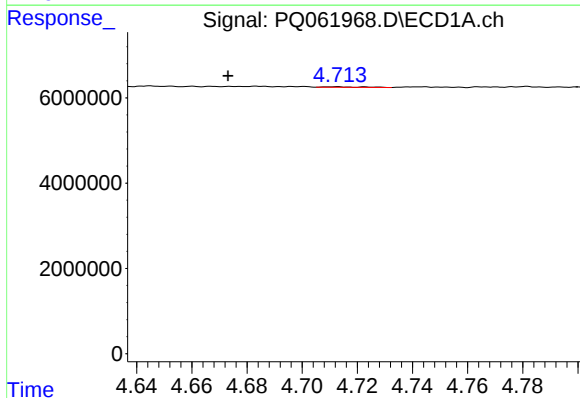
R.T.: 4.528 min
Delta R.T.: 0.005 min
Response: 223991
Conc: 1.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



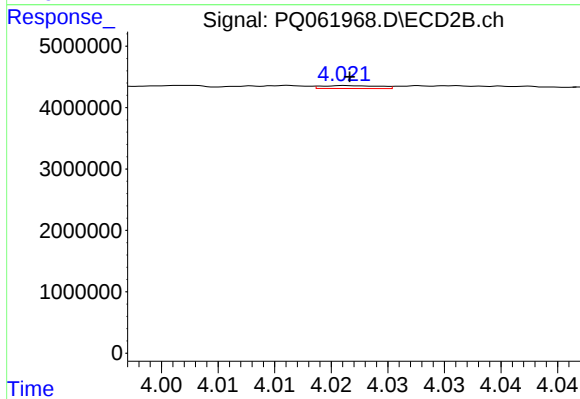
#13 AR-1232-3

R.T.: 3.942 min
Delta R.T.: 0.006 min
Response: 46925
Conc: 1.36 ng/ml



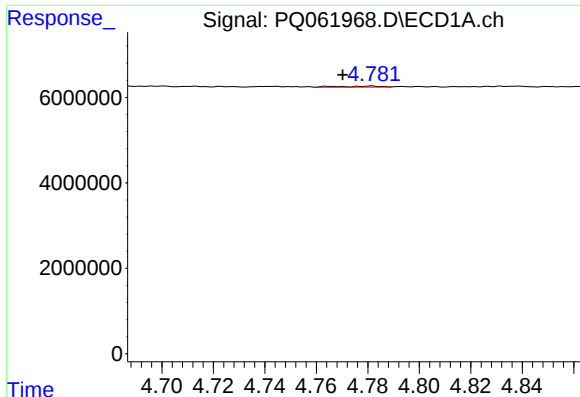
#14 AR-1232-4

R.T.: 4.713 min
Delta R.T.: 0.039 min
Response: 123643
Conc: 2.18 ng/ml



#14 AR-1232-4

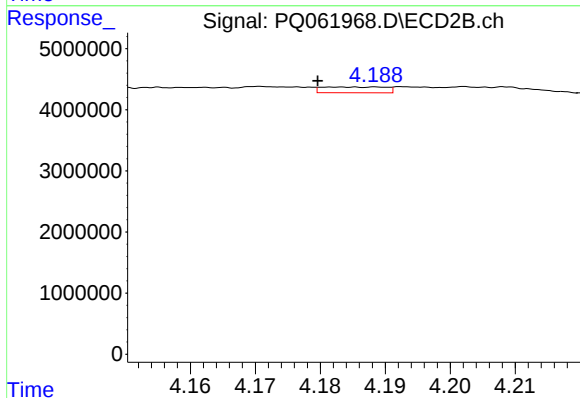
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 164773
Conc: 5.54 ng/ml



#15 AR-1232-5

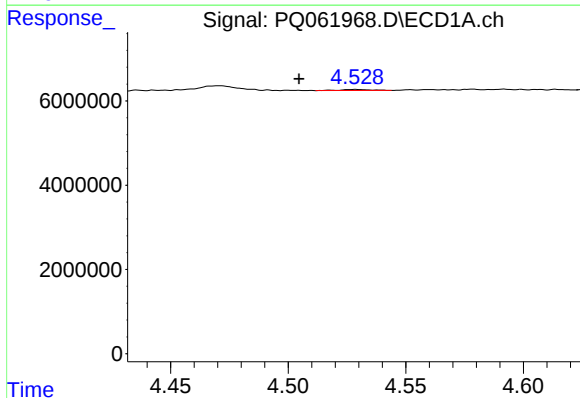
R.T.: 4.781 min
Delta R.T.: 0.011 min
Response: 265813
Conc: 6.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



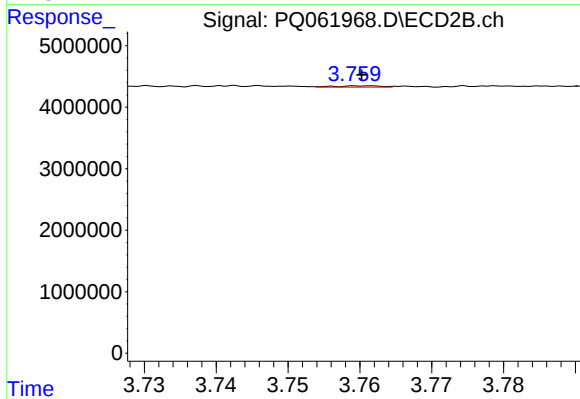
#15 AR-1232-5

R.T.: 4.185 min
Delta R.T.: 0.005 min
Response: 639977
Conc: 17.95 ng/ml



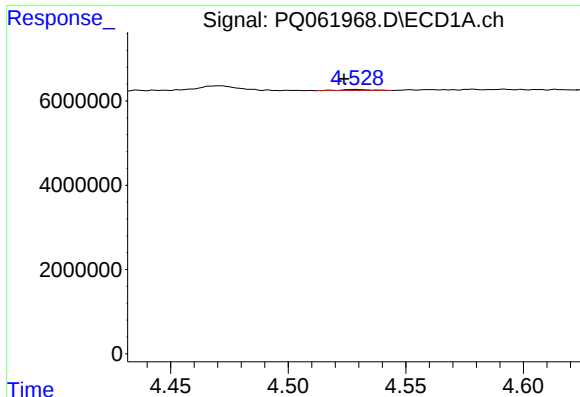
#16 AR-1242-1

R.T.: 4.528 min
Delta R.T.: 0.024 min
Response: 223991
Conc: 1.71 ng/ml



#16 AR-1242-1

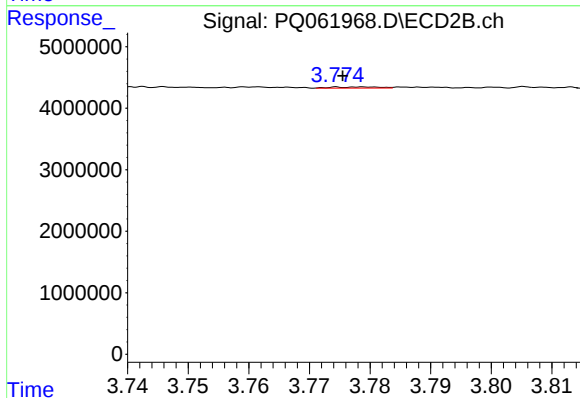
R.T.: 3.762 min
Delta R.T.: 0.002 min
Response: 89795
Conc: 1.16 ng/ml



#17 AR-1242-2

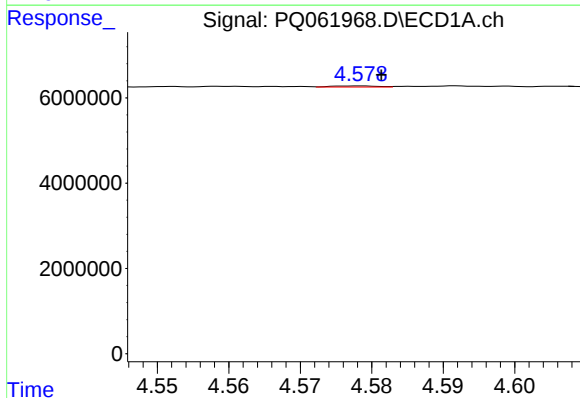
R.T.: 4.528 min
Delta R.T.: 0.005 min
Response: 223991
Conc: 1.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



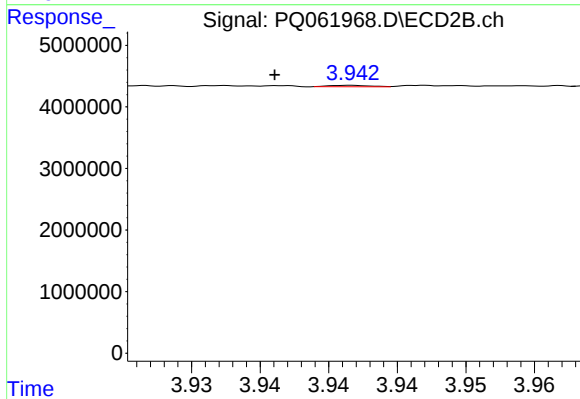
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 101588
Conc: 0.91 ng/ml



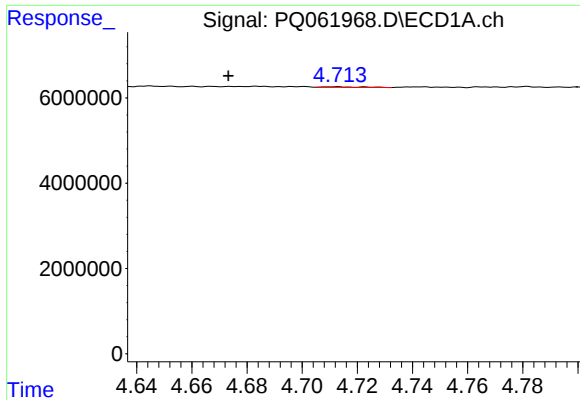
#18 AR-1242-3

R.T.: 4.578 min
Delta R.T.: -0.003 min
Response: 106428
Conc: 0.88 ng/ml



#18 AR-1242-3

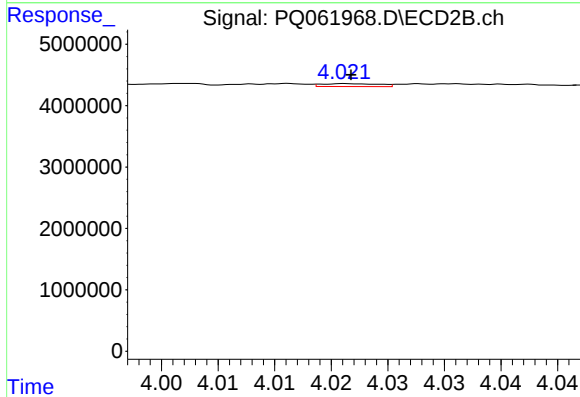
R.T.: 3.942 min
Delta R.T.: 0.006 min
Response: 46925
Conc: 0.80 ng/ml



#19 AR-1242-4

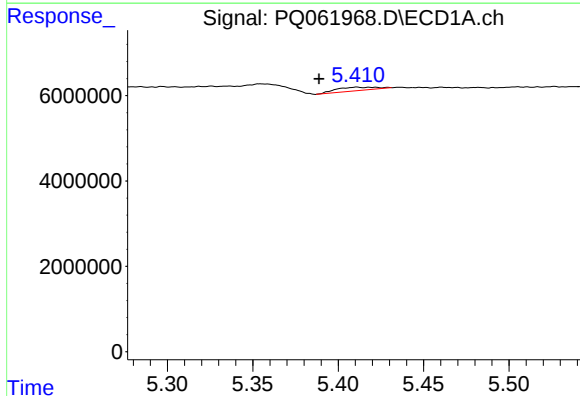
R.T.: 4.713 min
Delta R.T.: 0.039 min
Response: 123643
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



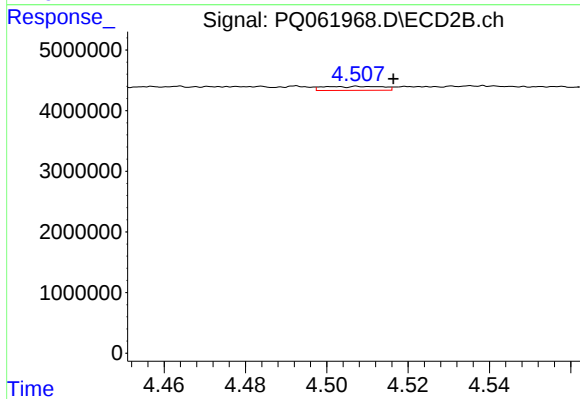
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 164773
Conc: 2.81 ng/ml



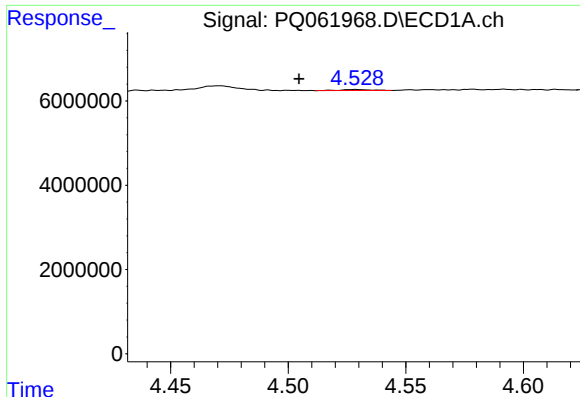
#20 AR-1242-5

R.T.: 5.411 min
Delta R.T.: 0.022 min
Response: 1287225
Conc: 13.45 ng/ml



#20 AR-1242-5

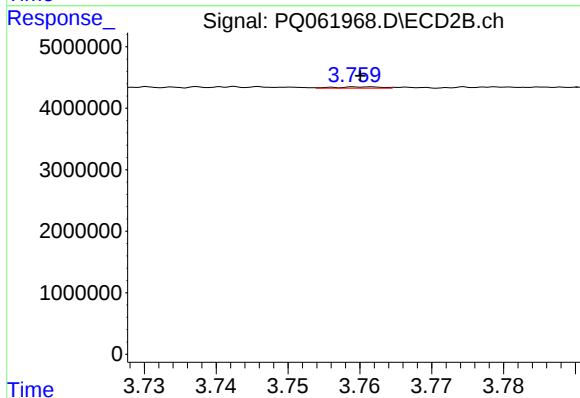
R.T.: 4.502 min
Delta R.T.: -0.015 min
Response: 671616
Conc: 8.10 ng/ml



#21 AR-1248-1

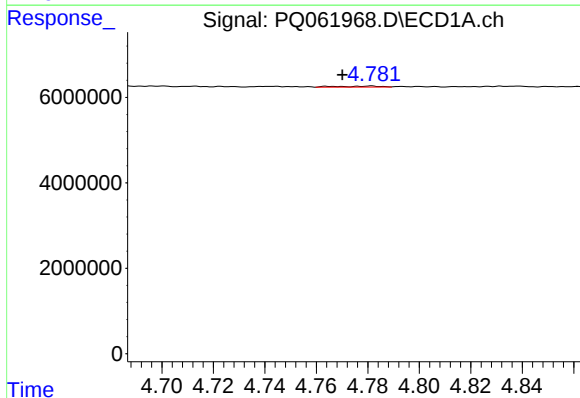
R.T.: 4.528 min
Delta R.T.: 0.024 min
Response: 223991
Conc: 2.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



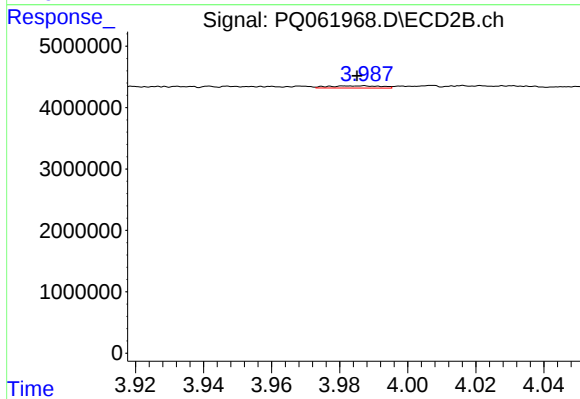
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: 0.002 min
Response: 89795
Conc: 1.44 ng/ml



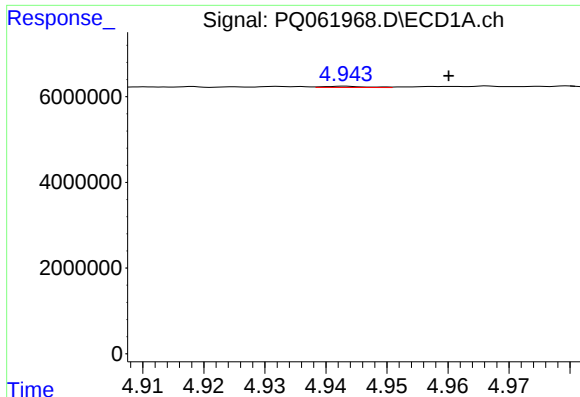
#22 AR-1248-2

R.T.: 4.781 min
Delta R.T.: 0.011 min
Response: 265813
Conc: 1.85 ng/ml



#22 AR-1248-2

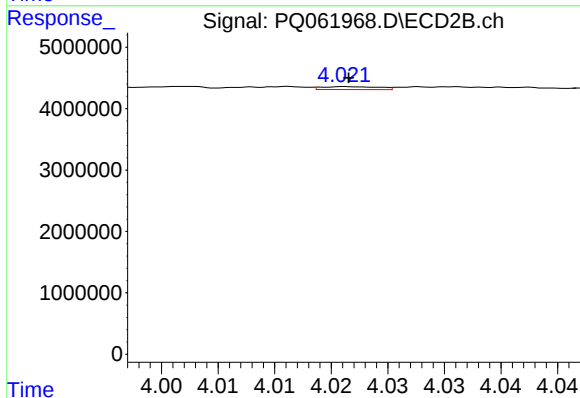
R.T.: 3.987 min
Delta R.T.: 0.002 min
Response: 383270
Conc: 4.09 ng/ml



#23 AR-1248-3

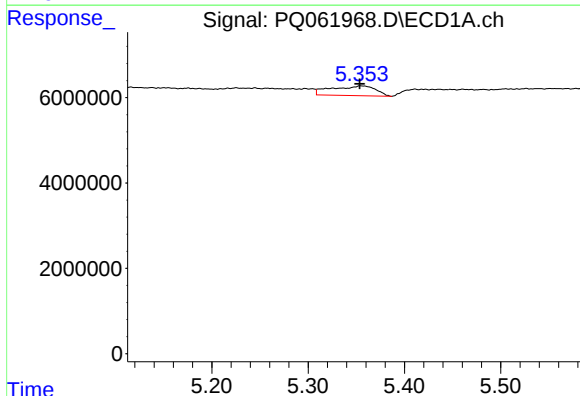
R.T.: 4.943 min
Delta R.T.: -0.017 min
Response: 131370
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



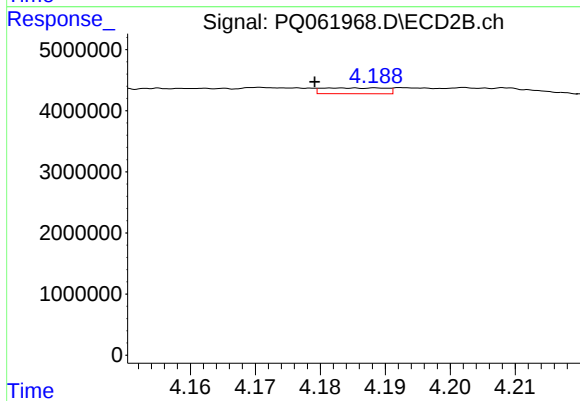
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 164773
Conc: 1.82 ng/ml



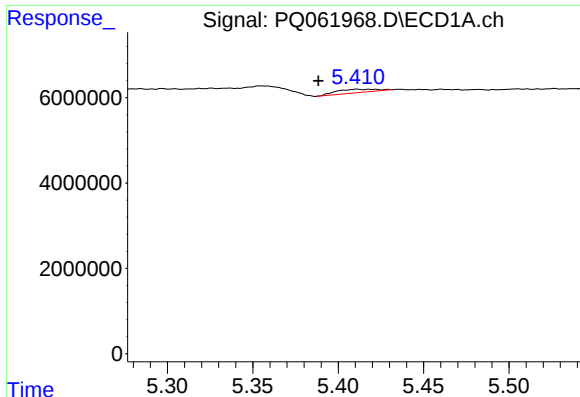
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.001 min
Response: 7351944
Conc: 38.31 ng/ml



#24 AR-1248-4

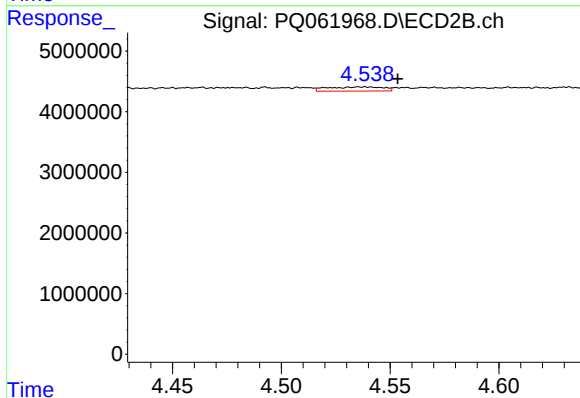
R.T.: 4.185 min
Delta R.T.: 0.006 min
Response: 639977
Conc: 5.67 ng/ml



#25 AR-1248-5

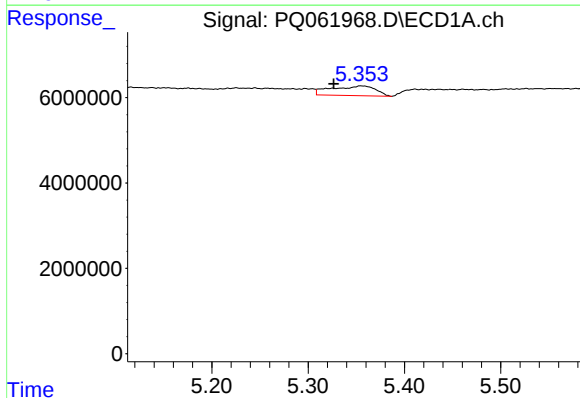
R.T.: 5.411 min
Delta R.T.: 0.022 min
Response: 1287225
Conc: 7.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



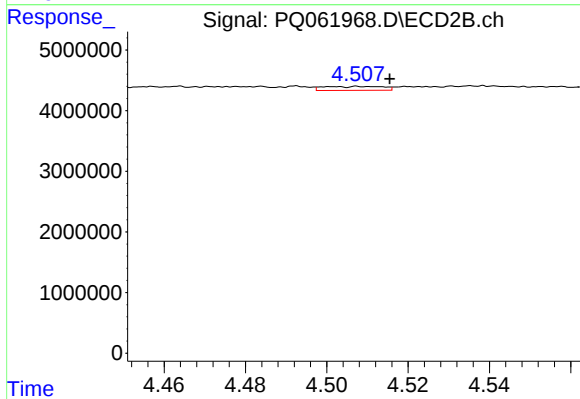
#25 AR-1248-5

R.T.: 4.538 min
Delta R.T.: -0.015 min
Response: 1228314
Conc: 10.96 ng/ml



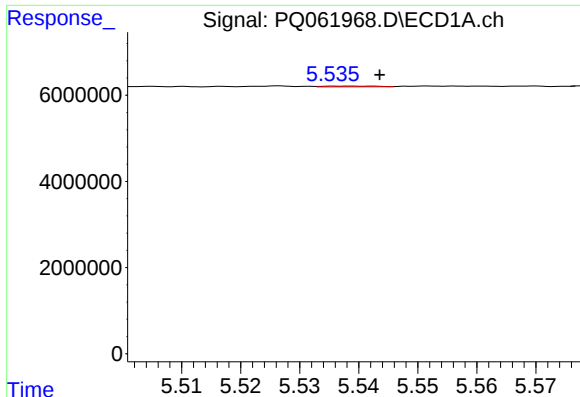
#26 AR-1254-1

R.T.: 5.355 min
Delta R.T.: 0.028 min
Response: 7351944
Conc: 39.56 ng/ml



#26 AR-1254-1

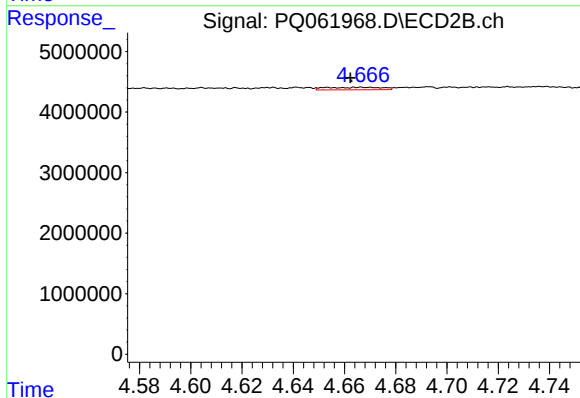
R.T.: 4.502 min
Delta R.T.: -0.014 min
Response: 671616
Conc: 4.16 ng/ml



#27 AR-1254-2

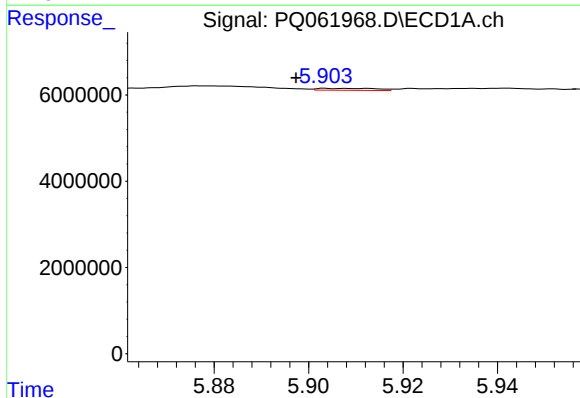
R.T.: 5.538 min
Delta R.T.: -0.005 min
Response: 112018
Conc: 0.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



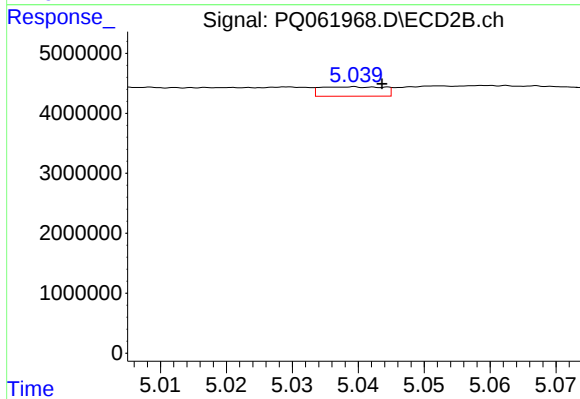
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.004 min
Response: 638185
Conc: 4.33 ng/ml



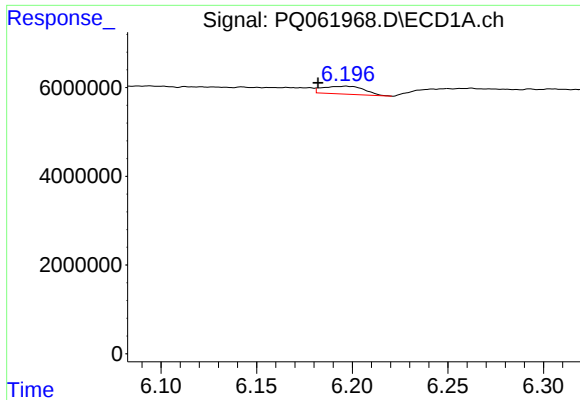
#28 AR-1254-3

R.T.: 5.912 min
Delta R.T.: 0.015 min
Response: 388458
Conc: 1.26 ng/ml



#28 AR-1254-3

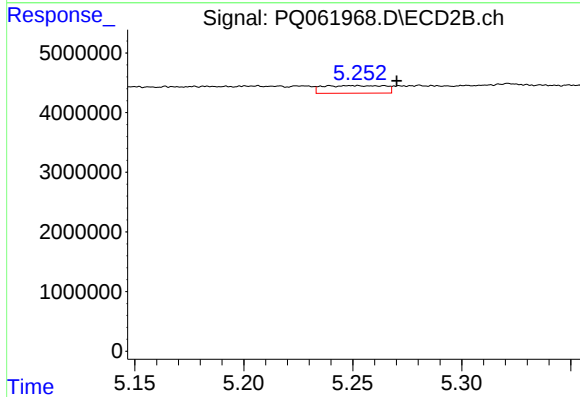
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 1028476
Conc: 4.40 ng/ml



#29 AR-1254-4

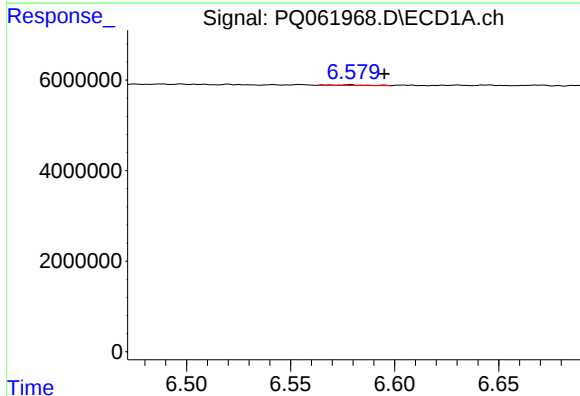
R.T.: 6.197 min
Delta R.T.: 0.015 min
Response: 2662548
Conc: 11.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



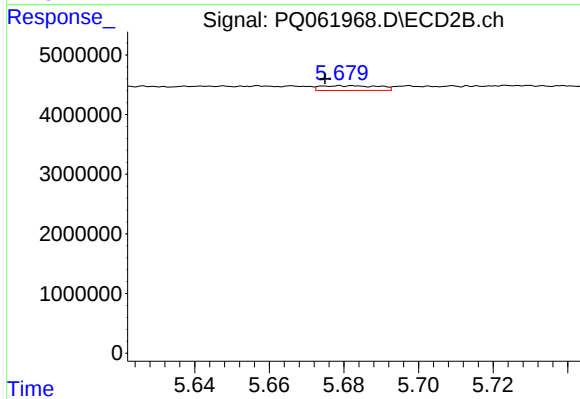
#29 AR-1254-4

R.T.: 5.252 min
Delta R.T.: -0.018 min
Response: 2510419
Conc: 16.47 ng/ml



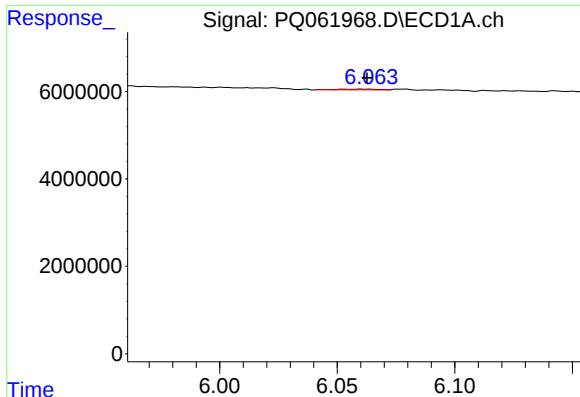
#30 AR-1254-5

R.T.: 6.579 min
Delta R.T.: -0.016 min
Response: 186400
Conc: 0.73 ng/ml



#30 AR-1254-5

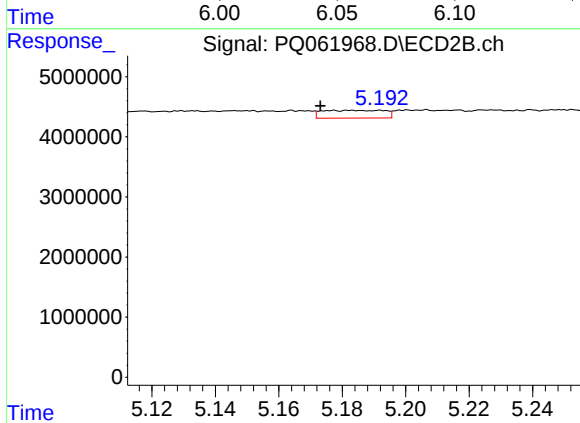
R.T.: 5.682 min
Delta R.T.: 0.007 min
Response: 857806
Conc: 3.72 ng/ml



#31 AR-1260-1

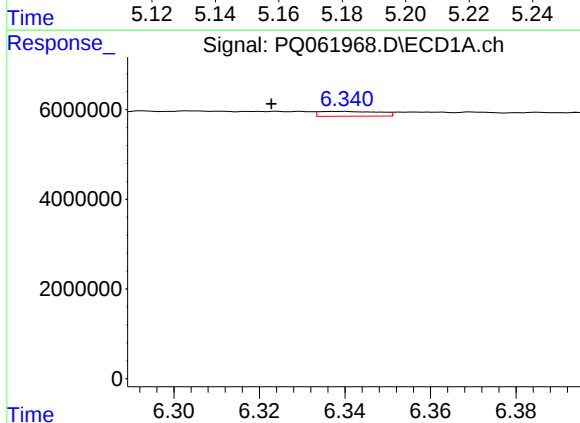
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 215169
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



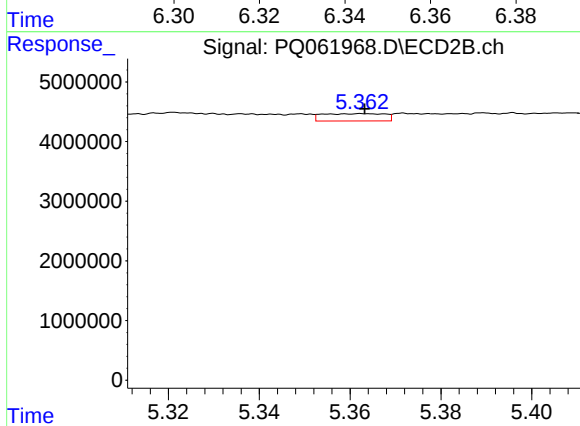
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.004 min
Response: 1766827
Conc: 10.61 ng/ml



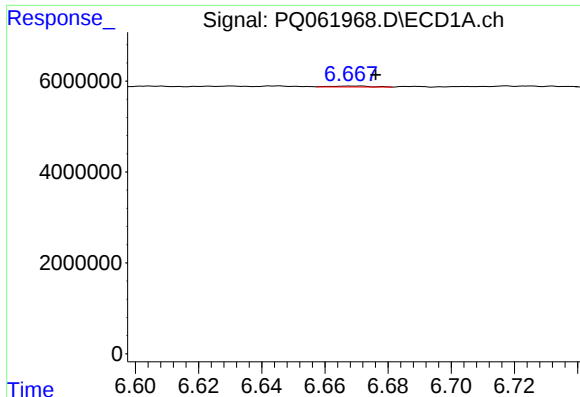
#32 AR-1260-2

R.T.: 6.339 min
Delta R.T.: 0.016 min
Response: 1035194
Conc: 3.58 ng/ml



#32 AR-1260-2

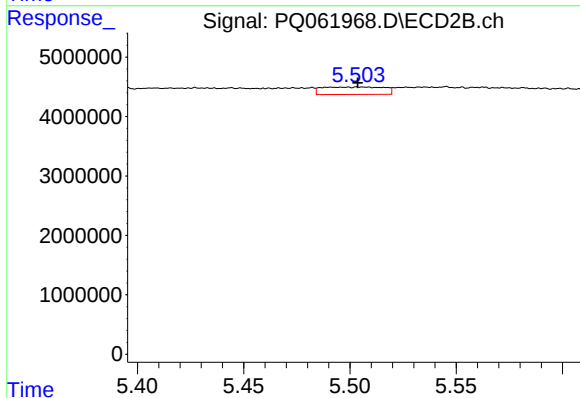
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 1165793
Conc: 5.61 ng/ml



#33 AR-1260-3

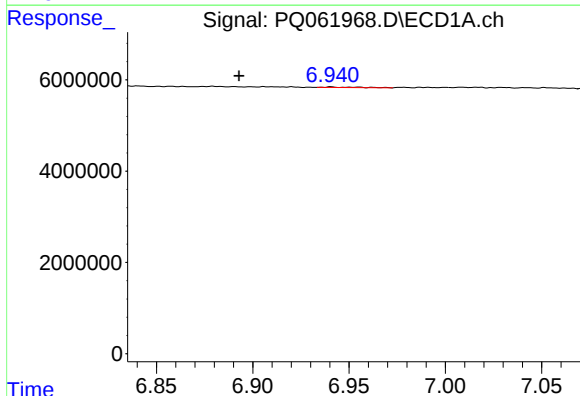
R.T.: 6.669 min
Delta R.T.: -0.007 min
Response: 176475
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



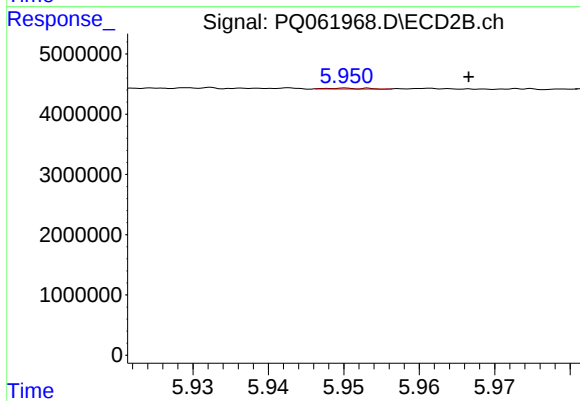
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 2542461
Conc: 13.07 ng/ml



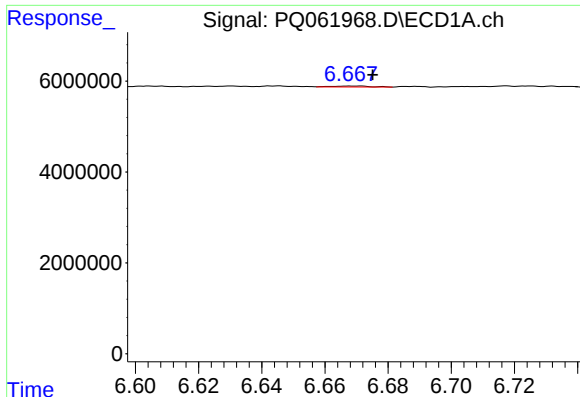
#34 AR-1260-4

R.T.: 6.941 min
Delta R.T.: 0.048 min
Response: 157561
Conc: 0.75 ng/ml



#34 AR-1260-4

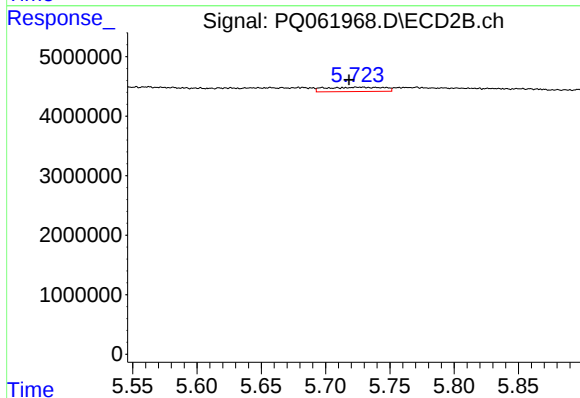
R.T.: 5.950 min
Delta R.T.: -0.016 min
Response: 49730
Conc: 0.34 ng/ml



#36 AR-1262-1

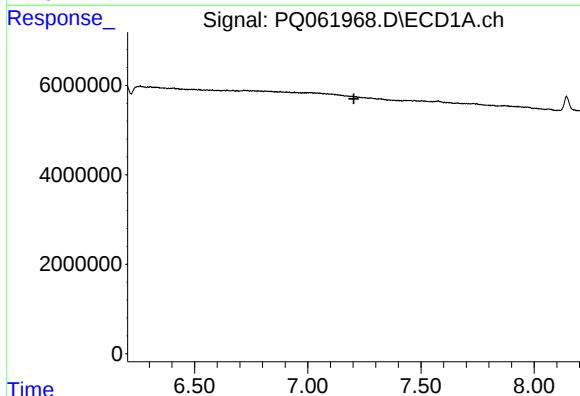
R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 176475
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



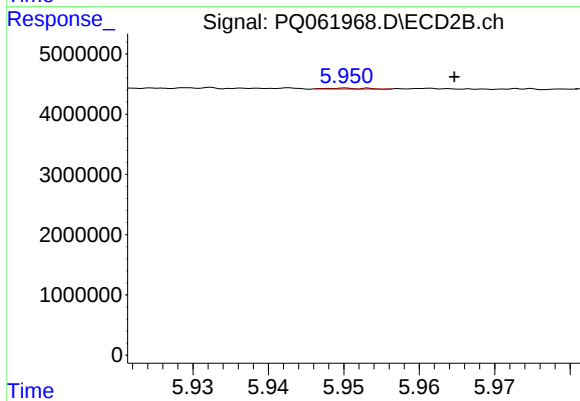
#36 AR-1262-1

R.T.: 5.724 min
Delta R.T.: 0.006 min
Response: 2313736
Conc: 9.95 ng/ml



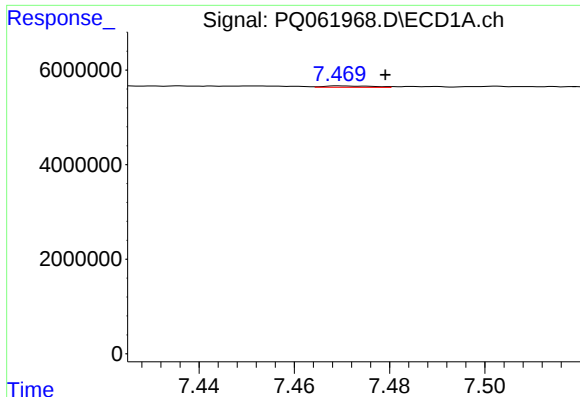
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.204 min
Response: 0
Conc: N.D.



#37 AR-1262-2

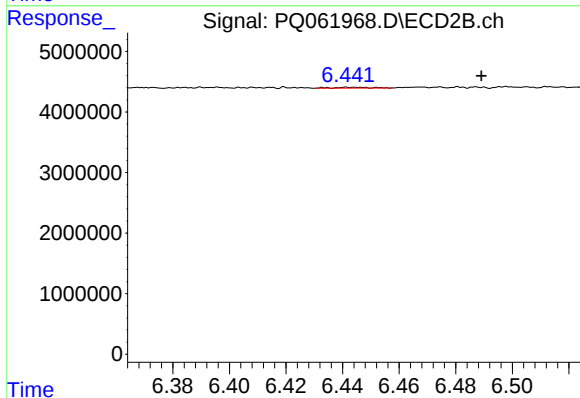
R.T.: 5.950 min
Delta R.T.: -0.014 min
Response: 49730
Conc: 0.23 ng/ml



#38 AR-1262-3

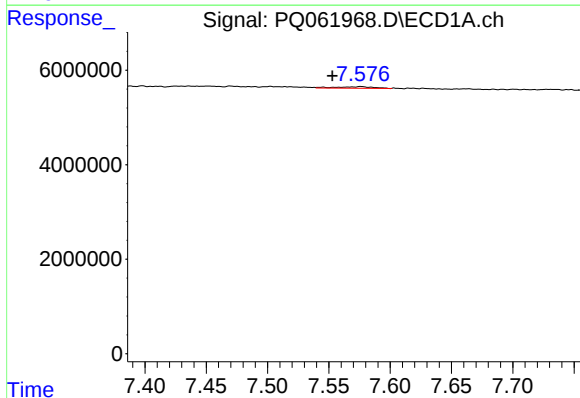
R.T.: 7.470 min
Delta R.T.: -0.009 min
Response: 199839
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



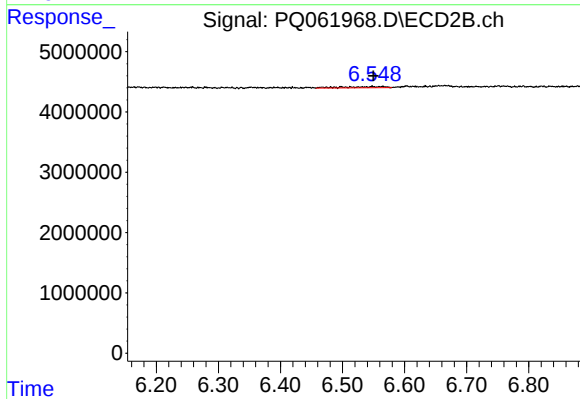
#38 AR-1262-3

R.T.: 6.444 min
Delta R.T.: -0.045 min
Response: 119646
Conc: 0.69 ng/ml



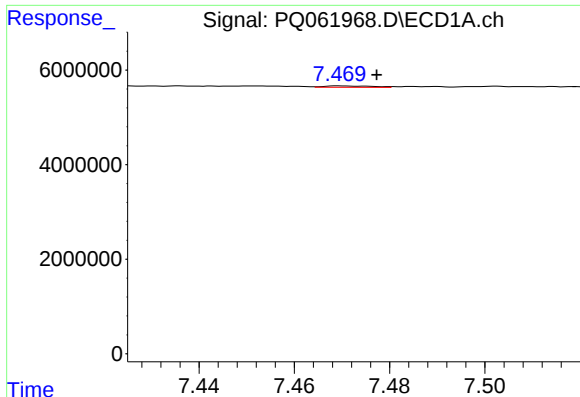
#39 AR-1262-4

R.T.: 7.576 min
Delta R.T.: 0.023 min
Response: 628787
Conc: 2.36 ng/ml



#39 AR-1262-4

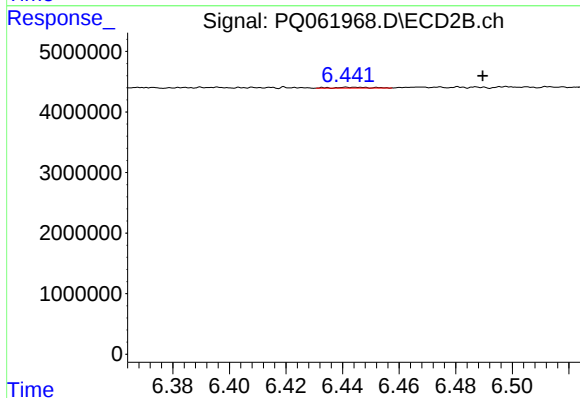
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 845914
Conc: 2.62 ng/ml



#41 AR-1268-1

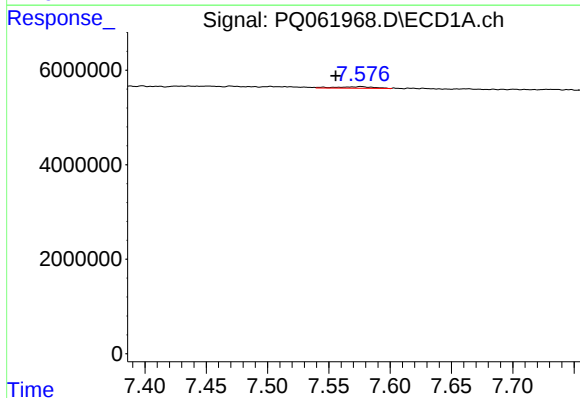
R.T.: 7.470 min
Delta R.T.: -0.007 min
Response: 199839
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



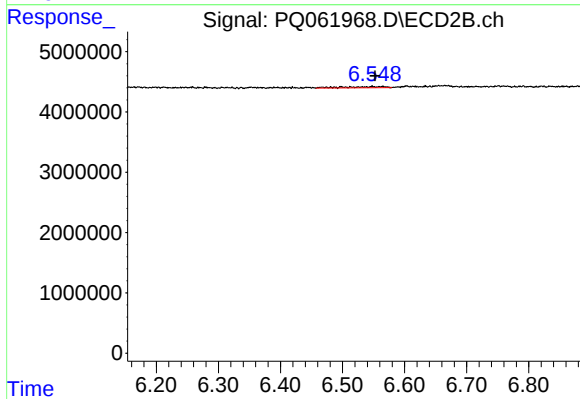
#41 AR-1268-1

R.T.: 6.444 min
Delta R.T.: -0.045 min
Response: 119646
Conc: 0.25 ng/ml



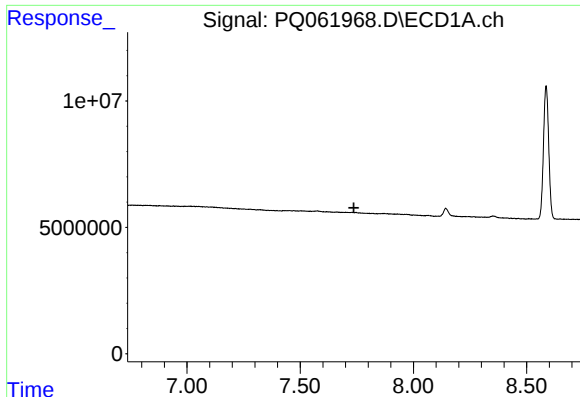
#42 AR-1268-2

R.T.: 7.576 min
Delta R.T.: 0.020 min
Response: 628787
Conc: 1.23 ng/ml



#42 AR-1268-2

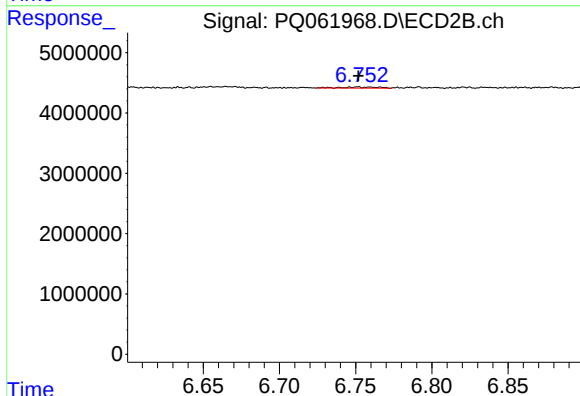
R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 845914
Conc: 2.00 ng/ml



#43 AR-1268-3

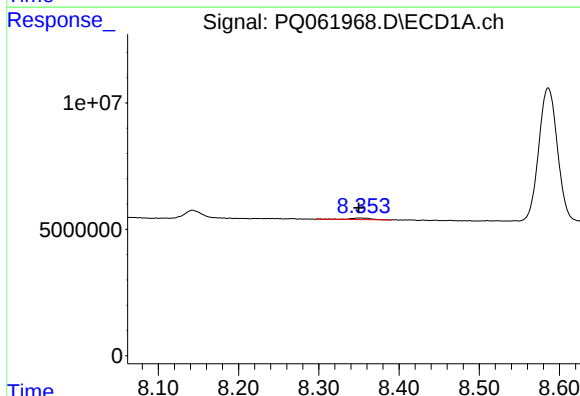
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



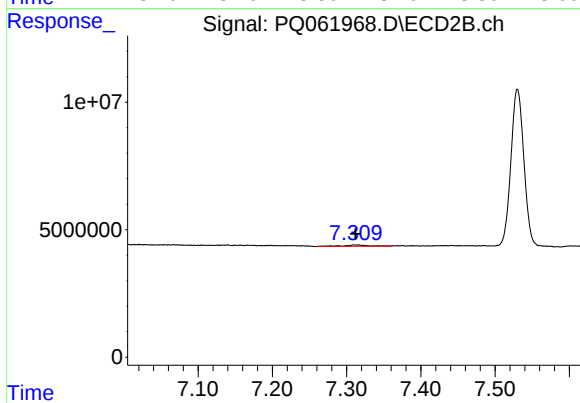
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 296229
Conc: 0.80 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.002 min
Response: 1047984
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 1403526
Conc: 1.20 ng/ml