

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063382.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 19:49
 Operator : YP\AJ
 Sample : 04604-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:43:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.463	2.781	99799985	73498705	21.309	21.267
2)	SA Decachlor...	8.696	7.581	74607231	66267797	21.350	18.435
Target Compounds							
3)	L1 AR-1016-1	4.606f	3.795	9735888	1324111	66.961	10.630 #
4)	L1 AR-1016-2	4.606	3.805	9735888	2969703	41.670	16.706 #
5)	L1 AR-1016-3	4.643	3.975	1618145	4198010	11.261	43.506 #
6)	L1 AR-1016-4	4.736	4.030	406463	4361178	3.563	53.800 #
7)	L1 AR-1016-5	5.048	4.214	6043038	4199551	51.426	41.718
8)	L2 AR-1221-1	3.649	2.984	1287630	45023	22.506	0.968 #
9)	L2 AR-1221-2	3.745	3.071	1699650	33337	44.958	1.078 #
10)	L2 AR-1221-3	3.820	3.129	433005	200767	3.431	1.884 #
11)	L3 AR-1232-1	3.820	3.129	433005	200767	4.158	2.309 #
12)	L3 AR-1232-2	4.323	3.805	21964526	2969703	345.313	36.723 #
13)	L3 AR-1232-3	4.606	3.975	9735888	4198010	92.905	98.964
14)	L3 AR-1232-4	4.736	4.042	406463	7535101	8.179	205.497 #
15)	L3 AR-1232-5	4.818f	4.214	5046204	4199551	132.859	97.352 #
16)	L4 AR-1242-1	4.606f	3.795	9735888	1324111	73.827	12.135 #
17)	L4 AR-1242-2	4.606	3.805	9735888	2969703	47.049	19.108 #
18)	L4 AR-1242-3	4.643	3.975	1618145	4198010	12.764	50.049 #
19)	L4 AR-1242-4	4.736	4.042	406463	7535101	3.941	94.030 #
20)	L4 AR-1242-5	5.493	4.548	13568922	7106130	124.077	67.902 #
21)	L5 AR-1248-1	4.606f	3.795	9735888	1324111	99.072	16.501 #
22)	L5 AR-1248-2	4.818f	4.030	5046204	4361178	35.283	36.425
23)	L5 AR-1248-3	5.048	4.042	6043038	7535101	35.128	65.723 #
24)	L5 AR-1248-4	5.449	4.214	11038056	4199551	57.733	29.783 #
25)	L5 AR-1248-5	5.493	4.585	13568922	11666569	72.936	84.429
26)	L6 AR-1254-1	5.374f	4.548	28018985	7106130	139.323	33.702 #
27)	L6 AR-1254-2	5.612	4.701	3948143	3088321	12.949	16.686 #
28)	L6 AR-1254-3	5.985	5.085	3492762	782985	10.647	2.736 #
29)	L6 AR-1254-4	6.280	5.321	2824616	3247428	11.662	17.541 #
30)	L6 AR-1254-5	6.684	5.714	898810	2172784	3.500	8.410 #
31)	L7 AR-1260-1	6.147	5.215	760116	3501923	3.160	17.343 #
32)	L7 AR-1260-2	6.403	5.388	3536330	2621743	12.481	10.714
33)	L7 AR-1260-3	6.806f	5.559	118075	3739022	0.581	15.812 #
34)	L7 AR-1260-4	6.986	6.021	2533299	250275	10.627	1.311 #
35)	L7 AR-1260-5	7.325f	6.261	11964184	778169	26.724	1.777 #
36)	L8 AR-1262-1	6.806f	5.817	118075	79002	0.379	0.751 #
37)	L8 AR-1262-2	7.325f	6.021	11964184	250275	23.044	1.078 #
38)	L8 AR-1262-3	7.584	6.536	125484	335687	0.362	1.748 #
39)	L8 AR-1262-4	7.653	6.579	132158	502348	0.485	1.437 #
40)	L8 AR-1262-5	8.158	7.097	305691	51217	1.782	0.309 #
41)	L9 AR-1268-1	7.584	6.536	125484	335687	0.203	0.599 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063382.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 19:49
 Operator : YP\AJ
 Sample : 04604-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

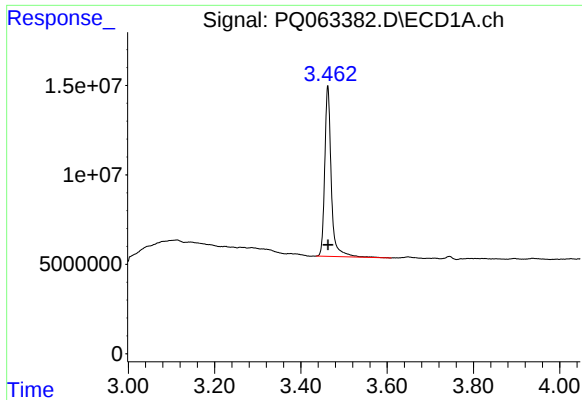
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:43:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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
42) L9	AR-1268-2	7.653	6.579	132158	502348	0.231	1.010 #
43) L9	AR-1268-3	7.834	6.800	1370357	709512	2.810	1.664 #
44) L9	AR-1268-4	8.158	7.097	305691	51217	1.589	0.277 #
45) L9	AR-1268-5	8.451	7.368	1915879	1295696	1.341	0.985 #

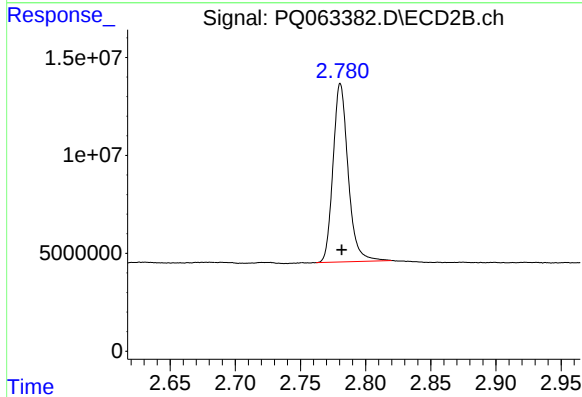
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

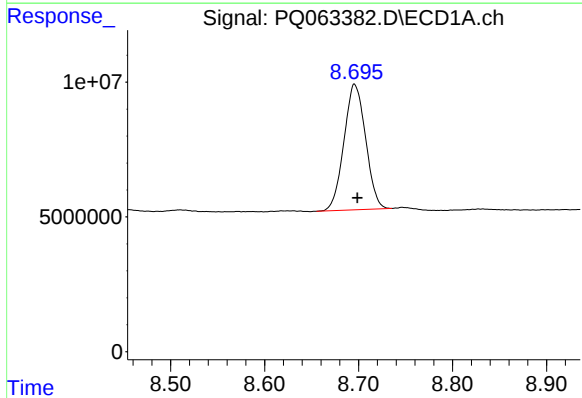
R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 99799985
Conc: 21.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



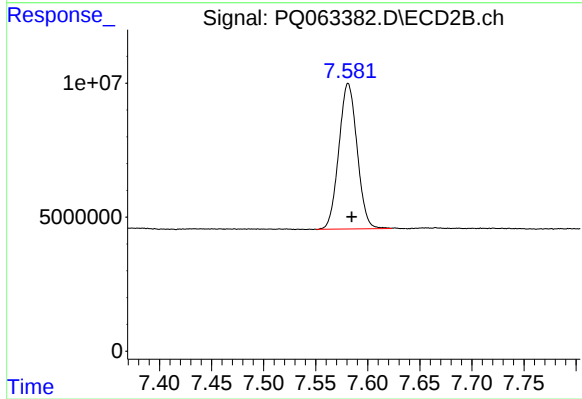
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 73498705
Conc: 21.27 ng/ml



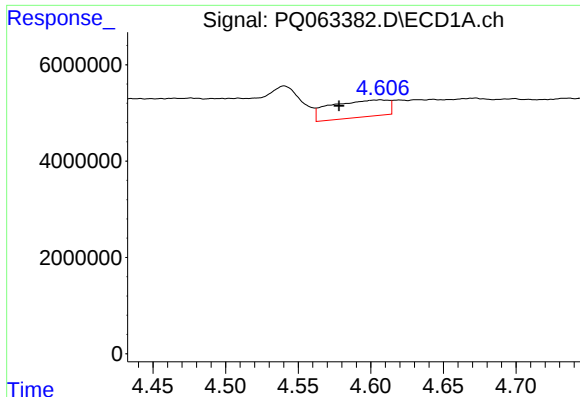
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 74607231
Conc: 21.35 ng/ml



#2 Decachlorobiphenyl

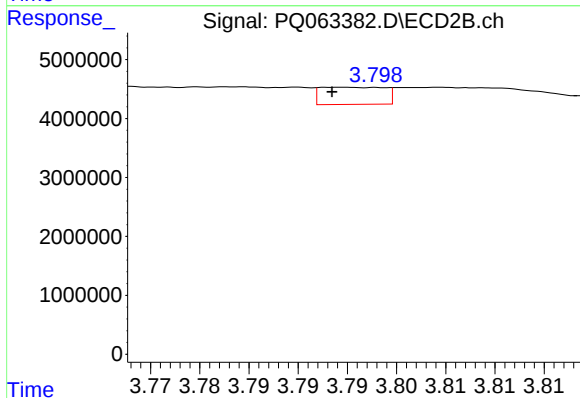
R.T.: 7.581 min
Delta R.T.: -0.003 min
Response: 66267797
Conc: 18.43 ng/ml



#3 AR-1016-1

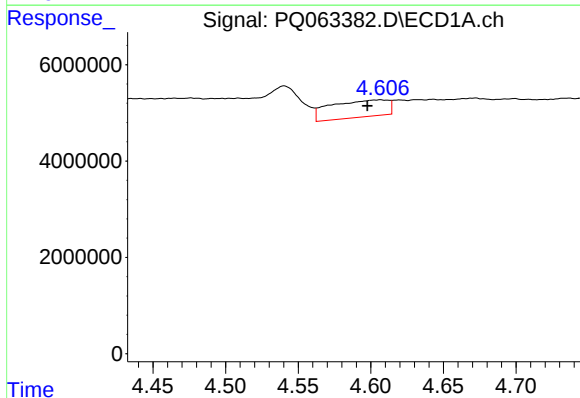
R.T.: 4.606 min
Delta R.T.: 0.028 min
Response: 9735888
Conc: 66.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



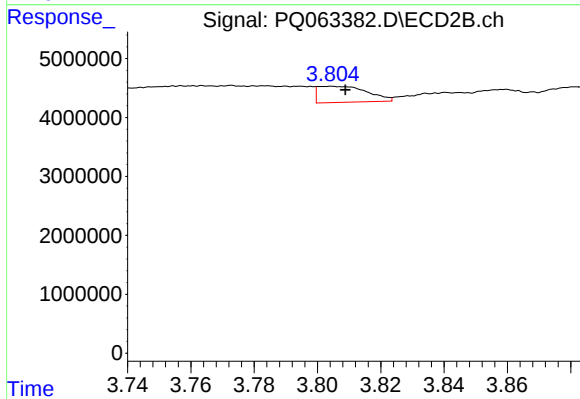
#3 AR-1016-1

R.T.: 3.795 min
Delta R.T.: 0.001 min
Response: 1324111
Conc: 10.63 ng/ml



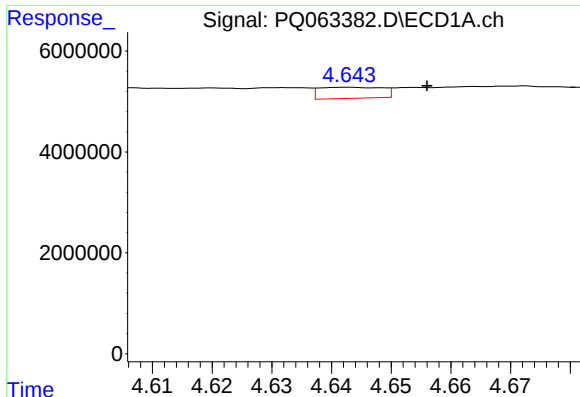
#4 AR-1016-2

R.T.: 4.606 min
Delta R.T.: 0.009 min
Response: 9735888
Conc: 41.67 ng/ml



#4 AR-1016-2

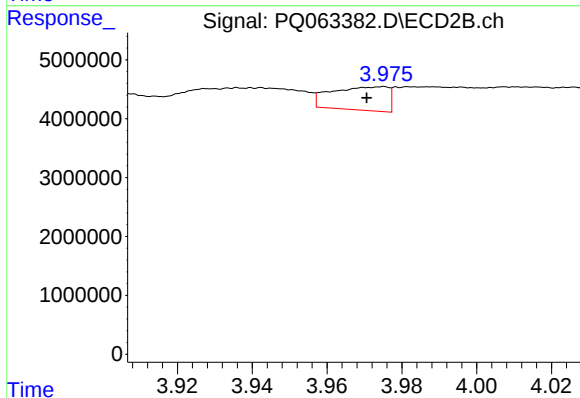
R.T.: 3.805 min
Delta R.T.: -0.004 min
Response: 2969703
Conc: 16.71 ng/ml



#5 AR-1016-3

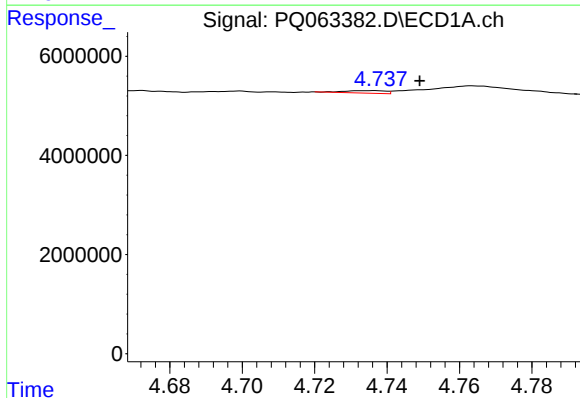
R.T.: 4.643 min
Delta R.T.: -0.013 min
Response: 1618145
Conc: 11.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



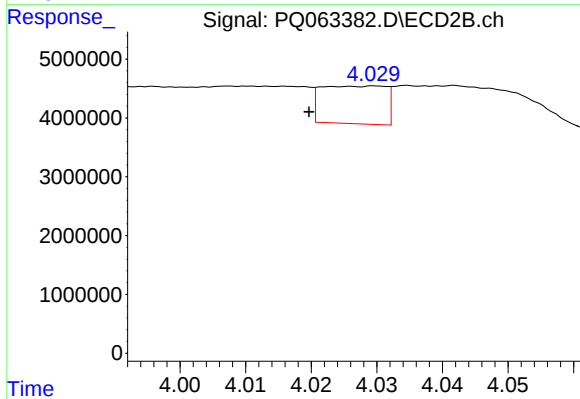
#5 AR-1016-3

R.T.: 3.975 min
Delta R.T.: 0.005 min
Response: 4198010
Conc: 43.51 ng/ml



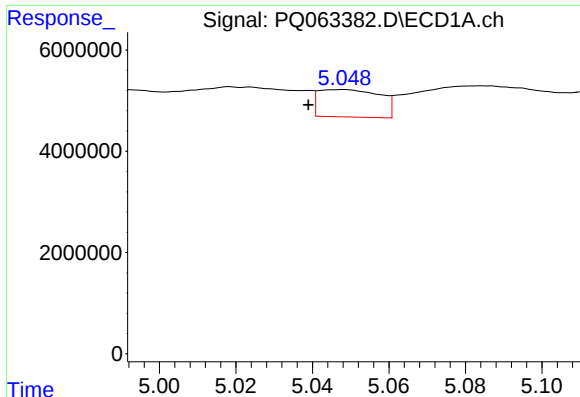
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: -0.013 min
Response: 406463
Conc: 3.56 ng/ml



#6 AR-1016-4

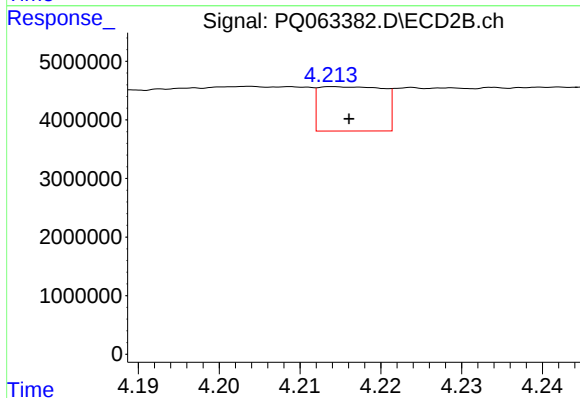
R.T.: 4.030 min
Delta R.T.: 0.010 min
Response: 4361178
Conc: 53.80 ng/ml



#7 AR-1016-5

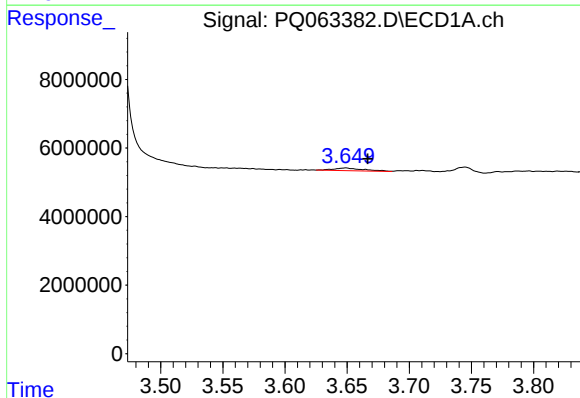
R.T.: 5.048 min
Delta R.T.: 0.009 min
Response: 6043038
Conc: 51.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



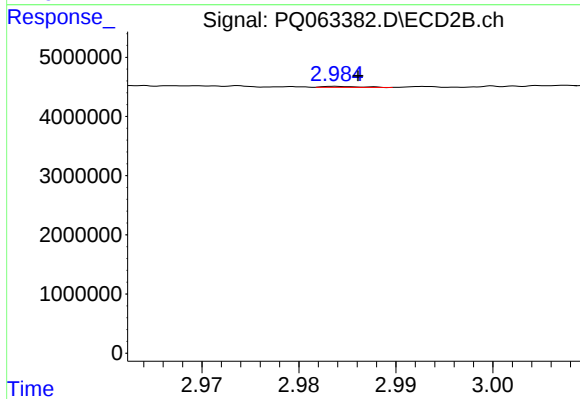
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 4199551
Conc: 41.72 ng/ml



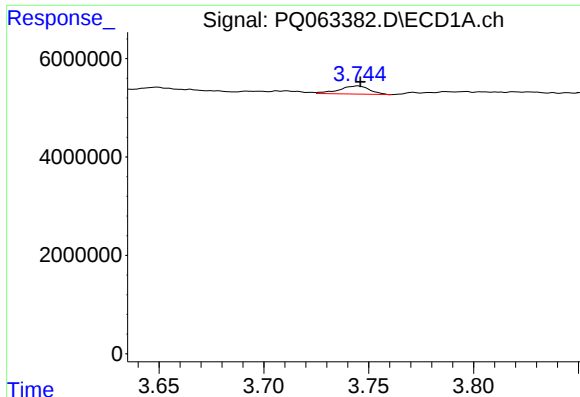
#8 AR-1221-1

R.T.: 3.649 min
Delta R.T.: -0.018 min
Response: 1287630
Conc: 22.51 ng/ml



#8 AR-1221-1

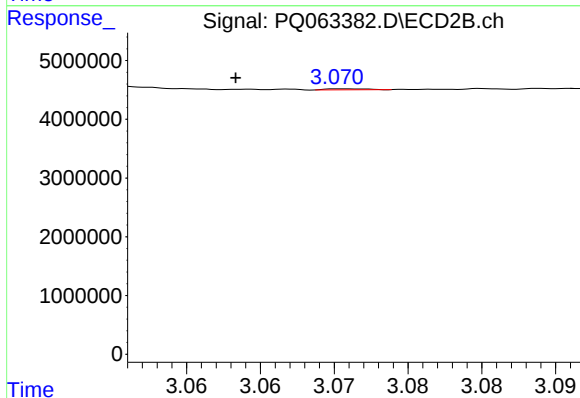
R.T.: 2.984 min
Delta R.T.: -0.002 min
Response: 45023
Conc: 0.97 ng/ml



#9 AR-1221-2

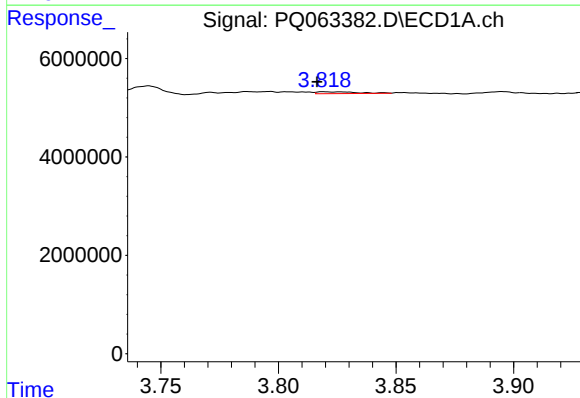
R.T.: 3.745 min
Delta R.T.: -0.001 min
Response: 1699650
Conc: 44.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



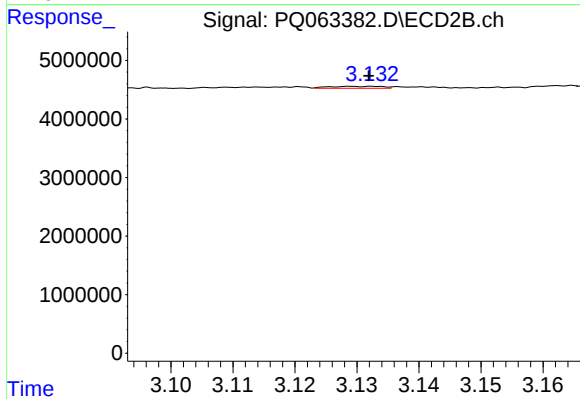
#9 AR-1221-2

R.T.: 3.071 min
Delta R.T.: 0.007 min
Response: 33337
Conc: 1.08 ng/ml



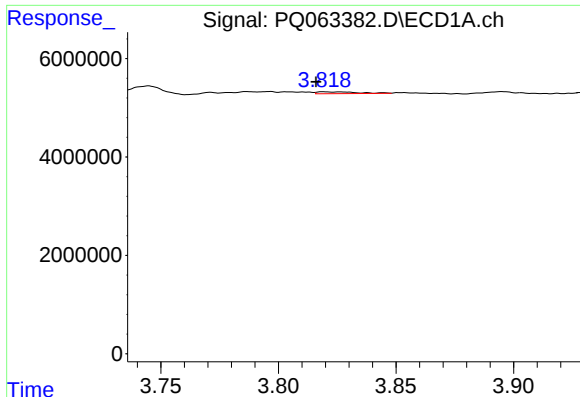
#10 AR-1221-3

R.T.: 3.820 min
Delta R.T.: 0.003 min
Response: 433005
Conc: 3.43 ng/ml



#10 AR-1221-3

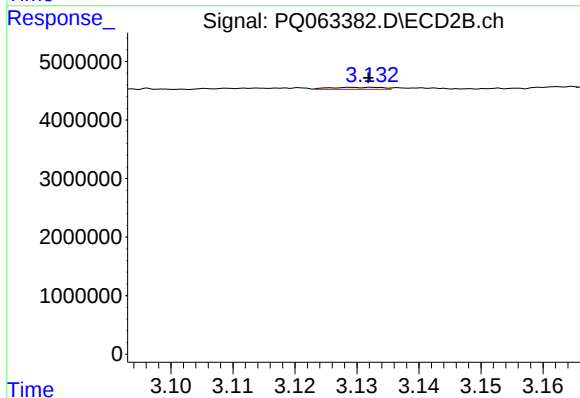
R.T.: 3.129 min
Delta R.T.: -0.003 min
Response: 200767
Conc: 1.88 ng/ml



#11 AR-1232-1

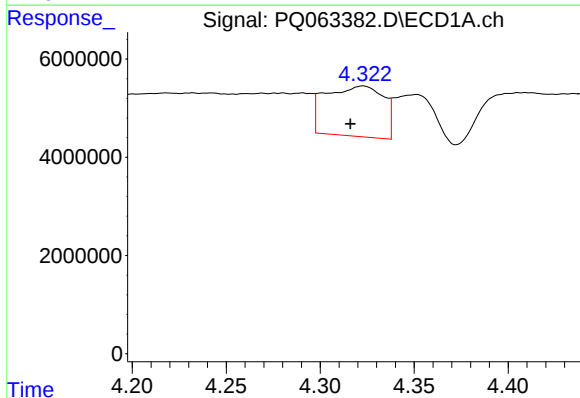
R.T.: 3.820 min
Delta R.T.: 0.004 min
Response: 433005
Conc: 4.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



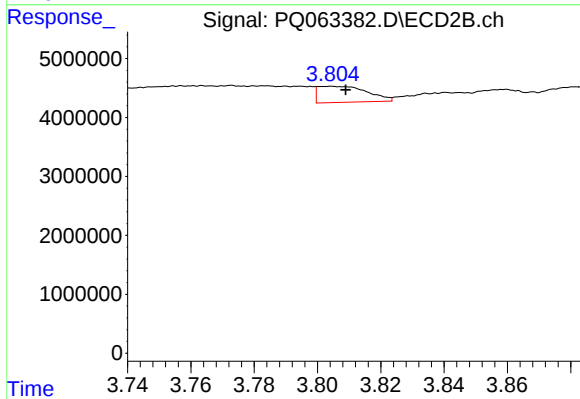
#11 AR-1232-1

R.T.: 3.129 min
Delta R.T.: -0.003 min
Response: 200767
Conc: 2.31 ng/ml



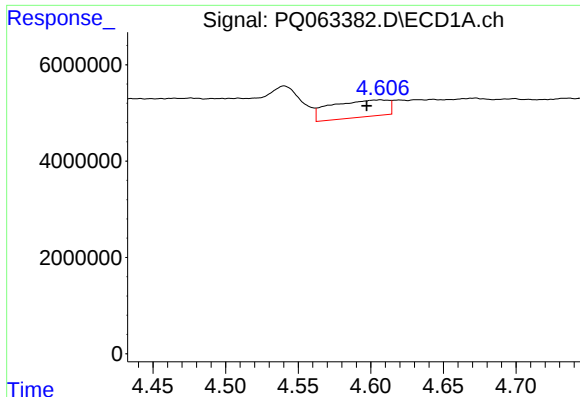
#12 AR-1232-2

R.T.: 4.323 min
Delta R.T.: 0.007 min
Response: 21964526
Conc: 345.31 ng/ml



#12 AR-1232-2

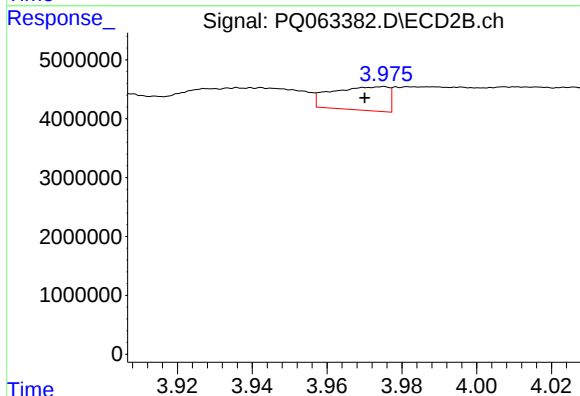
R.T.: 3.805 min
Delta R.T.: -0.004 min
Response: 2969703
Conc: 36.72 ng/ml



#13 AR-1232-3

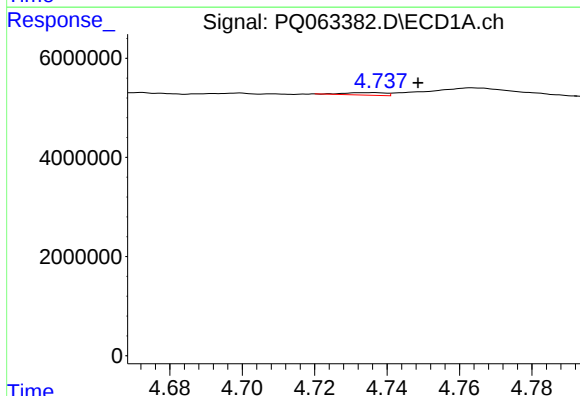
R.T.: 4.606 min
Delta R.T.: 0.009 min
Response: 9735888
Conc: 92.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



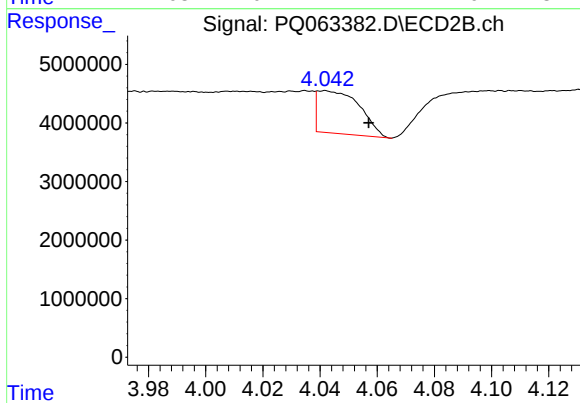
#13 AR-1232-3

R.T.: 3.975 min
Delta R.T.: 0.005 min
Response: 4198010
Conc: 98.96 ng/ml



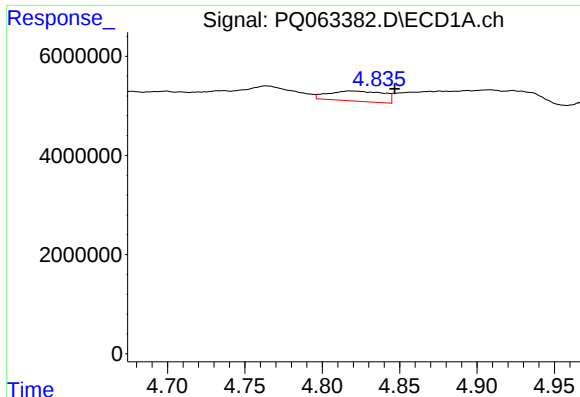
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: -0.012 min
Response: 406463
Conc: 8.18 ng/ml



#14 AR-1232-4

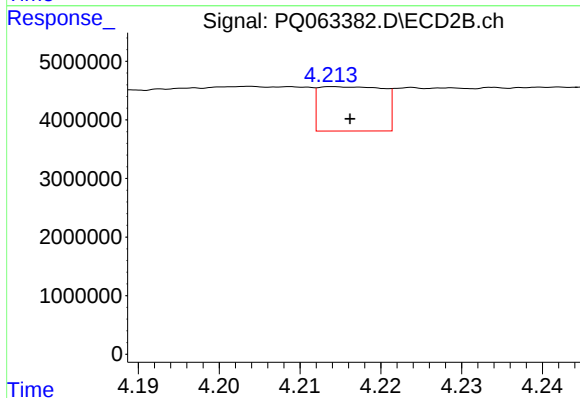
R.T.: 4.042 min
Delta R.T.: -0.015 min
Response: 7535101
Conc: 205.50 ng/ml



#15 AR-1232-5

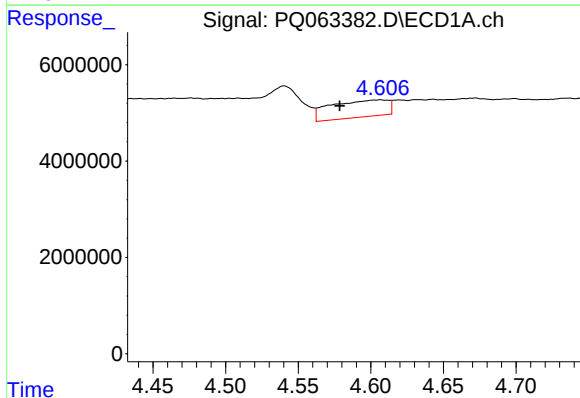
R.T.: 4.818 min
Delta R.T.: -0.028 min
Response: 5046204
Conc: 132.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



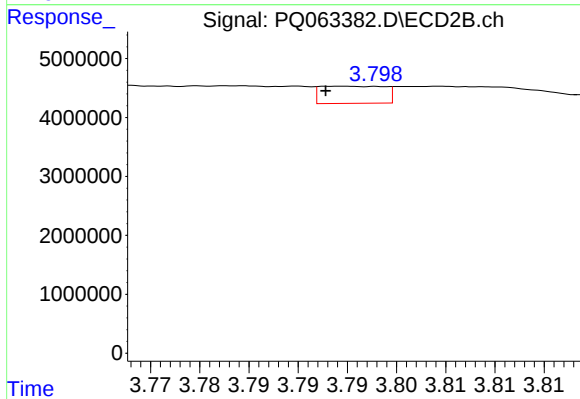
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 4199551
Conc: 97.35 ng/ml



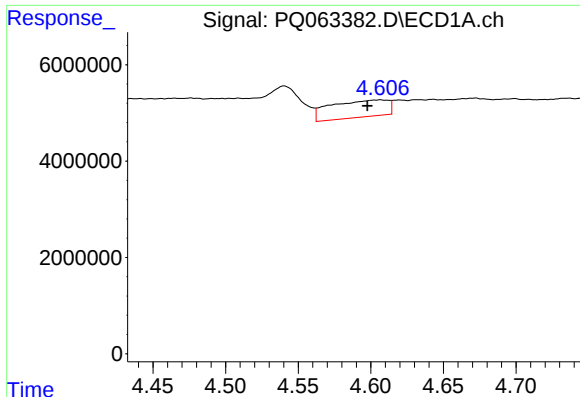
#16 AR-1242-1

R.T.: 4.606 min
Delta R.T.: 0.028 min
Response: 9735888
Conc: 73.83 ng/ml



#16 AR-1242-1

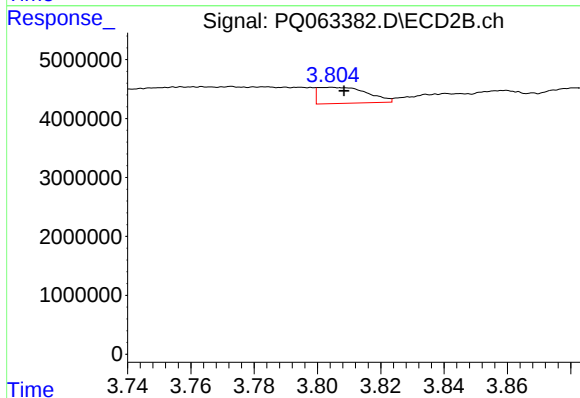
R.T.: 3.795 min
Delta R.T.: 0.002 min
Response: 1324111
Conc: 12.13 ng/ml



#17 AR-1242-2

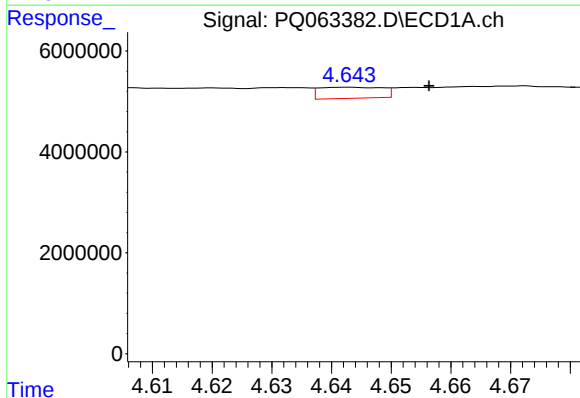
R.T.: 4.606 min
Delta R.T.: 0.009 min
Response: 9735888
Conc: 47.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



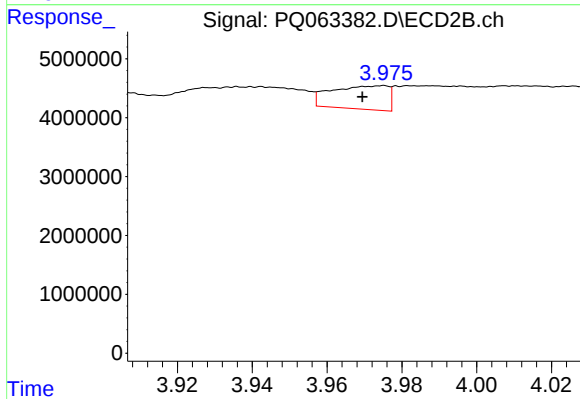
#17 AR-1242-2

R.T.: 3.805 min
Delta R.T.: -0.004 min
Response: 2969703
Conc: 19.11 ng/ml



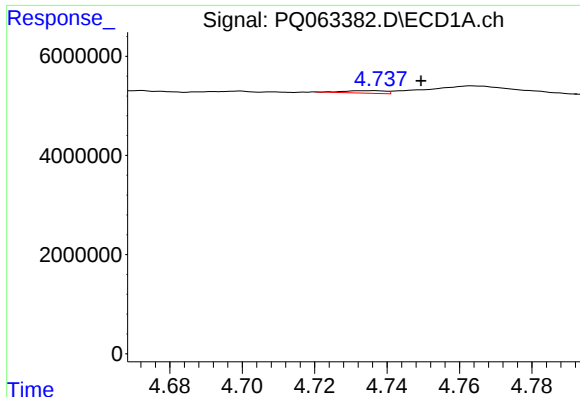
#18 AR-1242-3

R.T.: 4.643 min
Delta R.T.: -0.014 min
Response: 1618145
Conc: 12.76 ng/ml



#18 AR-1242-3

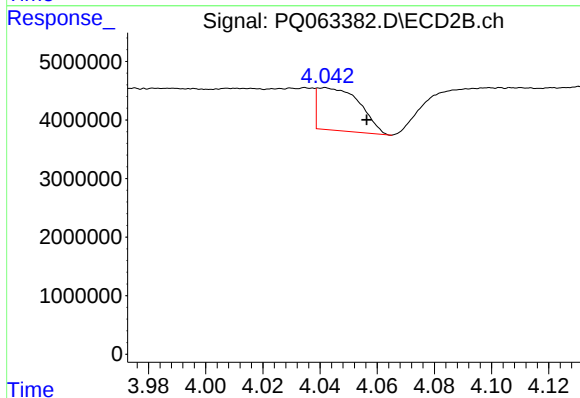
R.T.: 3.975 min
Delta R.T.: 0.006 min
Response: 4198010
Conc: 50.05 ng/ml



#19 AR-1242-4

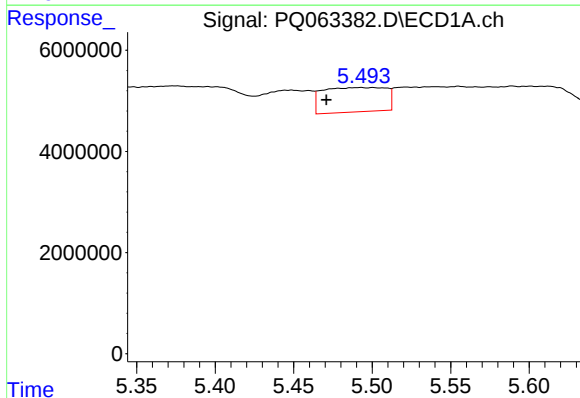
R.T.: 4.736 min
Delta R.T.: -0.013 min
Response: 406463
Conc: 3.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



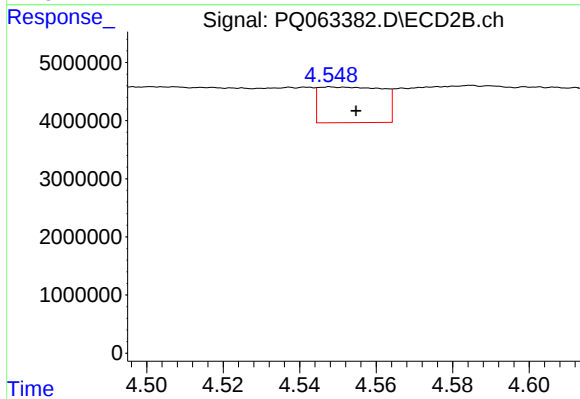
#19 AR-1242-4

R.T.: 4.042 min
Delta R.T.: -0.014 min
Response: 7535101
Conc: 94.03 ng/ml



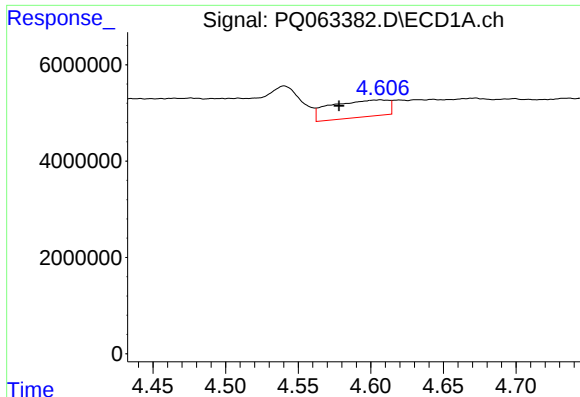
#20 AR-1242-5

R.T.: 5.493 min
Delta R.T.: 0.022 min
Response: 13568922
Conc: 124.08 ng/ml



#20 AR-1242-5

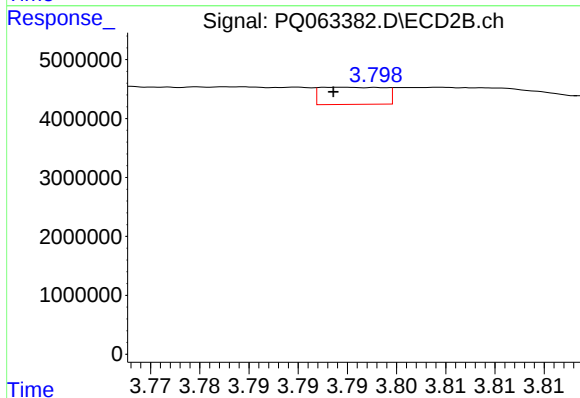
R.T.: 4.548 min
Delta R.T.: -0.007 min
Response: 7106130
Conc: 67.90 ng/ml



#21 AR-1248-1

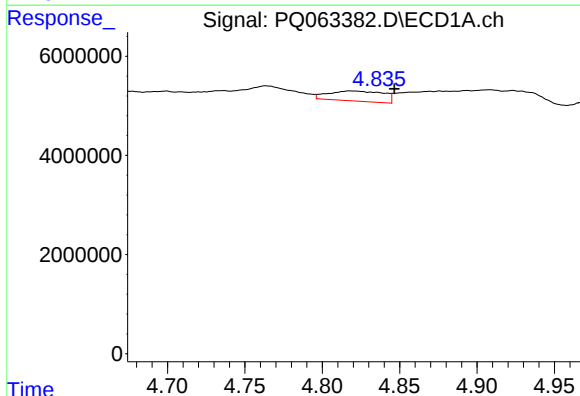
R.T.: 4.606 min
Delta R.T.: 0.028 min
Response: 9735888
Conc: 99.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



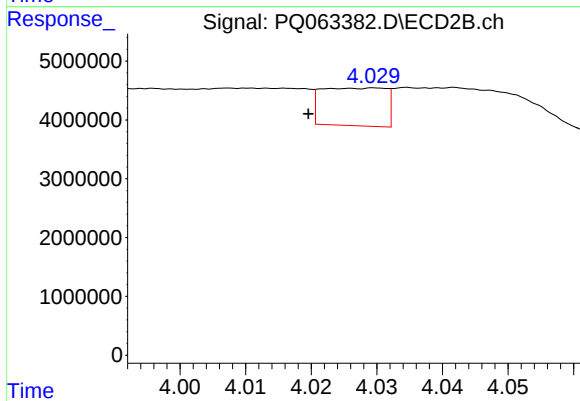
#21 AR-1248-1

R.T.: 3.795 min
Delta R.T.: 0.001 min
Response: 1324111
Conc: 16.50 ng/ml



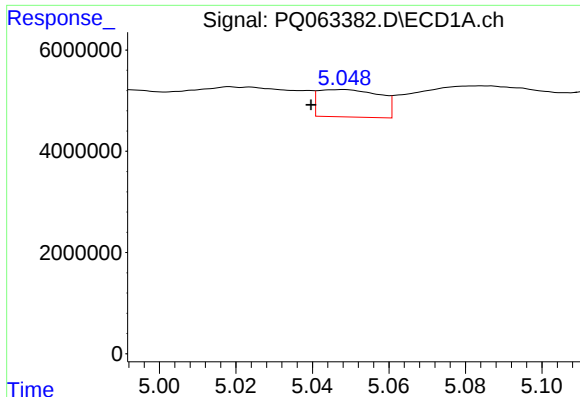
#22 AR-1248-2

R.T.: 4.818 min
Delta R.T.: -0.028 min
Response: 5046204
Conc: 35.28 ng/ml



#22 AR-1248-2

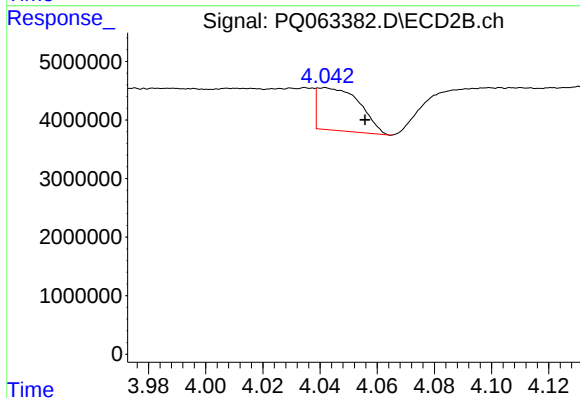
R.T.: 4.030 min
Delta R.T.: 0.010 min
Response: 4361178
Conc: 36.43 ng/ml



#23 AR-1248-3

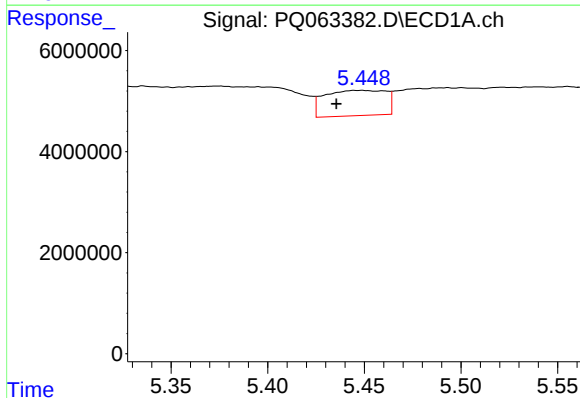
R.T.: 5.048 min
Delta R.T.: 0.008 min
Response: 6043038
Conc: 35.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



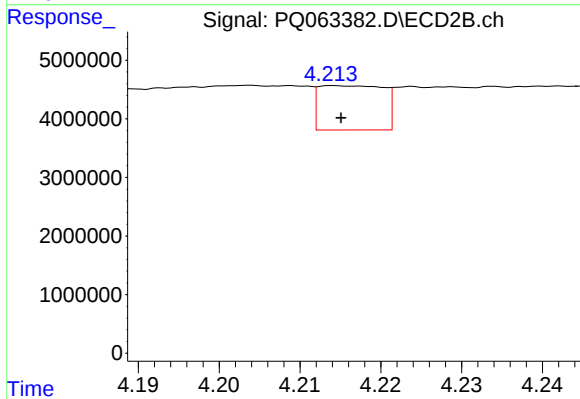
#23 AR-1248-3

R.T.: 4.042 min
Delta R.T.: -0.014 min
Response: 7535101
Conc: 65.72 ng/ml



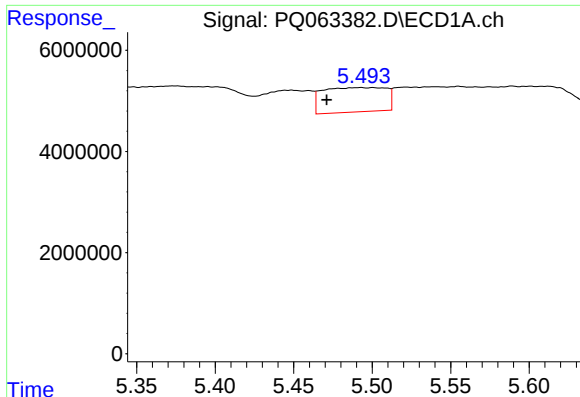
#24 AR-1248-4

R.T.: 5.449 min
Delta R.T.: 0.013 min
Response: 11038056
Conc: 57.73 ng/ml



#24 AR-1248-4

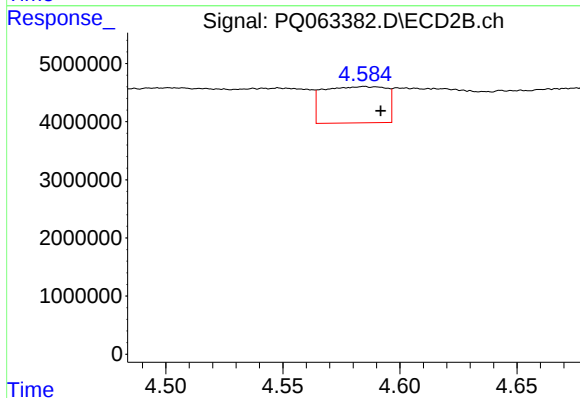
R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 4199551
Conc: 29.78 ng/ml



#25 AR-1248-5

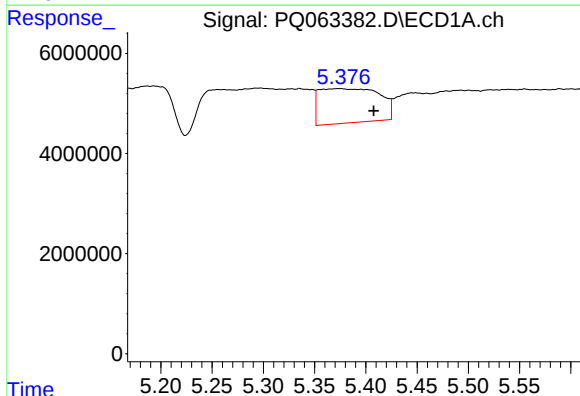
R.T.: 5.493 min
Delta R.T.: 0.022 min
Response: 13568922
Conc: 72.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



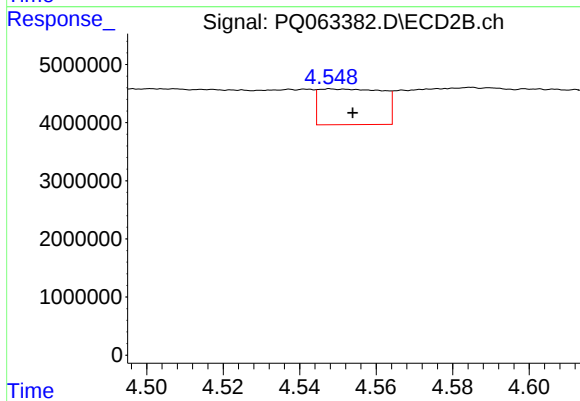
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: -0.007 min
Response: 11666569
Conc: 84.43 ng/ml



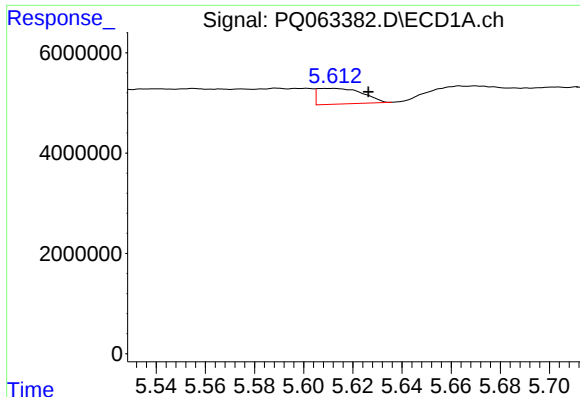
#26 AR-1254-1

R.T.: 5.374 min
Delta R.T.: -0.033 min
Response: 28018985
Conc: 139.32 ng/ml



#26 AR-1254-1

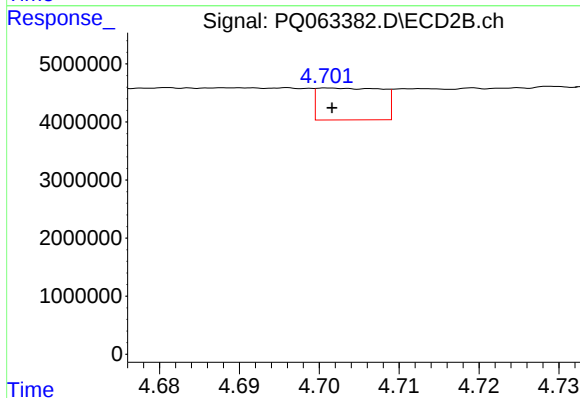
R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 7106130
Conc: 33.70 ng/ml



#27 AR-1254-2

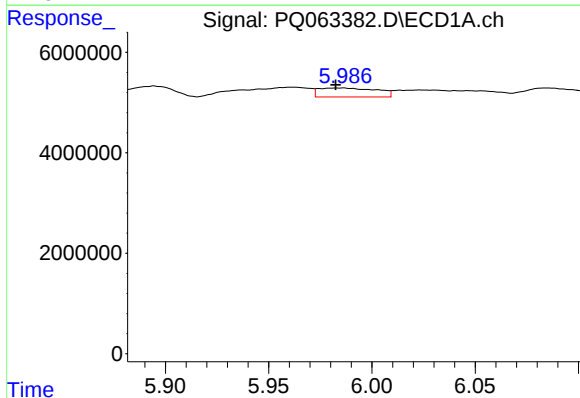
R.T.: 5.612 min
Delta R.T.: -0.014 min
Response: 3948143
Conc: 12.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



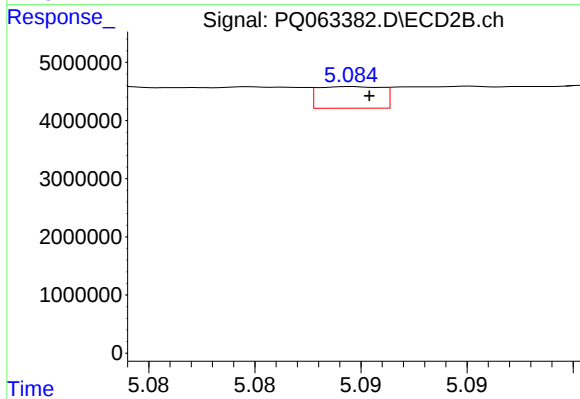
#27 AR-1254-2

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 3088321
Conc: 16.69 ng/ml



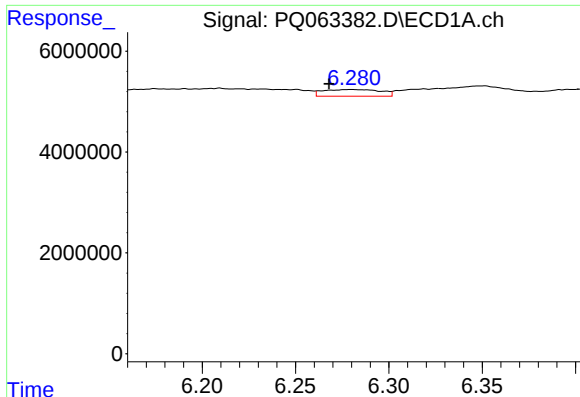
#28 AR-1254-3

R.T.: 5.985 min
Delta R.T.: 0.003 min
Response: 3492762
Conc: 10.65 ng/ml



#28 AR-1254-3

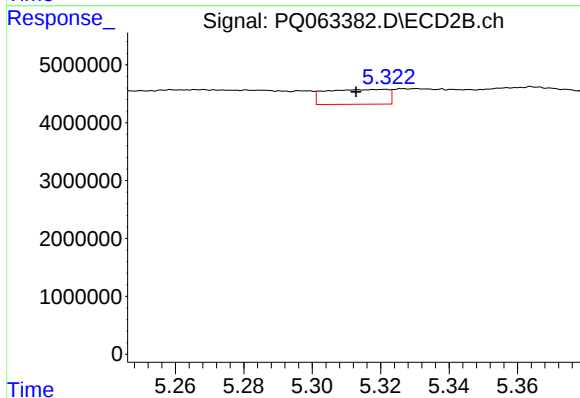
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 782985
Conc: 2.74 ng/ml



#29 AR-1254-4

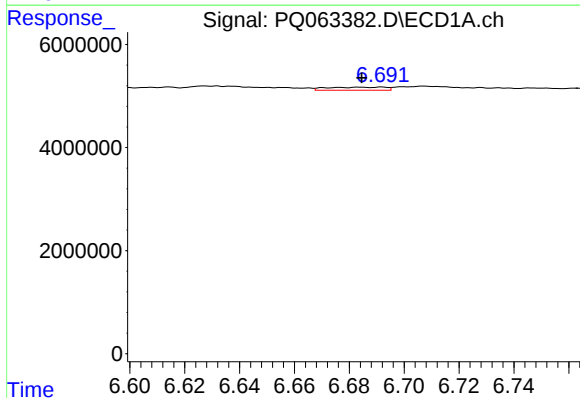
R.T.: 6.280 min
Delta R.T.: 0.012 min
Response: 2824616
Conc: 11.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



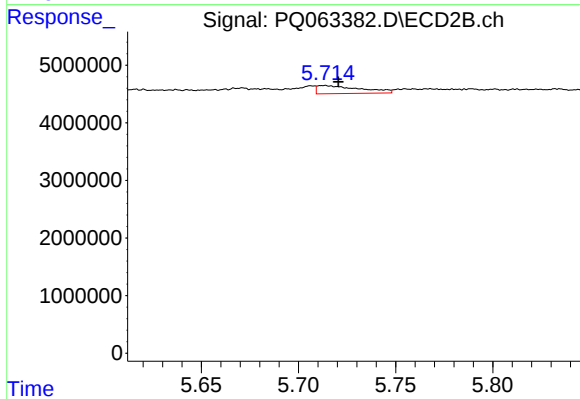
#29 AR-1254-4

R.T.: 5.321 min
Delta R.T.: 0.009 min
Response: 3247428
Conc: 17.54 ng/ml



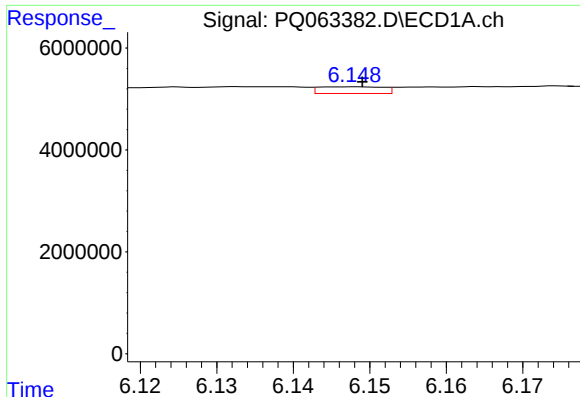
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 898810
Conc: 3.50 ng/ml



#30 AR-1254-5

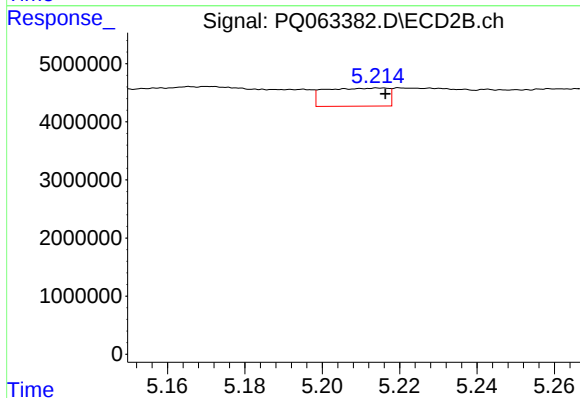
R.T.: 5.714 min
Delta R.T.: -0.007 min
Response: 2172784
Conc: 8.41 ng/ml



#31 AR-1260-1

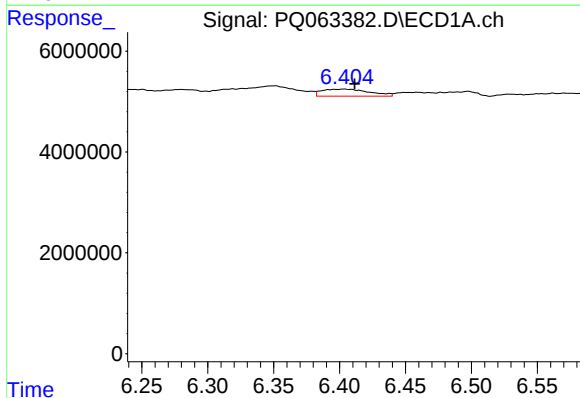
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 760116
Conc: 3.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



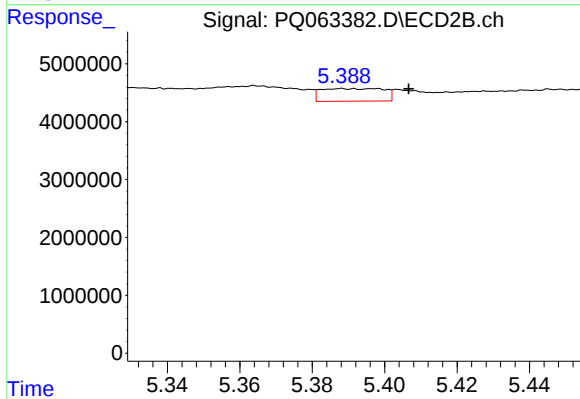
#31 AR-1260-1

R.T.: 5.215 min
Delta R.T.: -0.002 min
Response: 3501923
Conc: 17.34 ng/ml



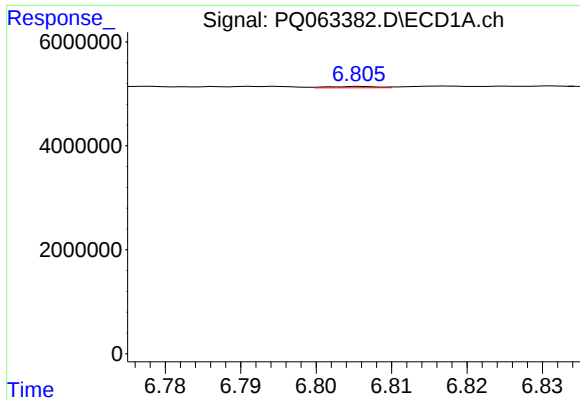
#32 AR-1260-2

R.T.: 6.403 min
Delta R.T.: -0.008 min
Response: 3536330
Conc: 12.48 ng/ml



#32 AR-1260-2

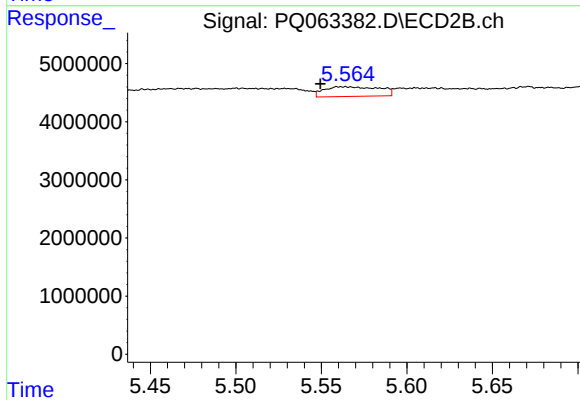
R.T.: 5.388 min
Delta R.T.: -0.018 min
Response: 2621743
Conc: 10.71 ng/ml



#33 AR-1260-3

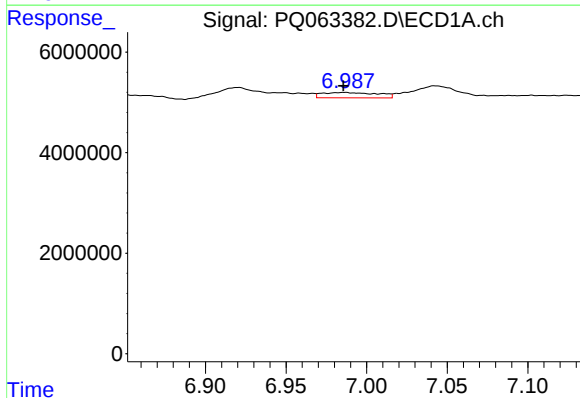
R.T.: 6.806 min
Delta R.T.: 0.039 min
Response: 118075
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



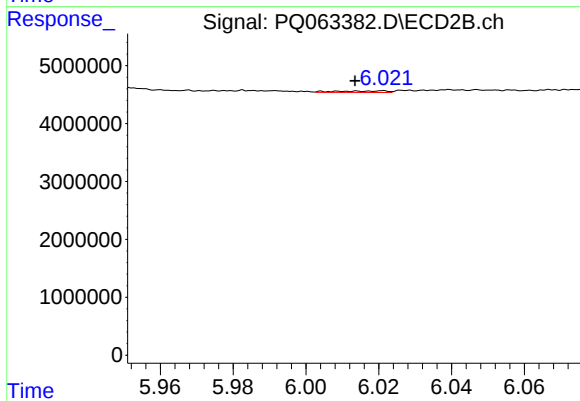
#33 AR-1260-3

R.T.: 5.559 min
Delta R.T.: 0.010 min
Response: 3739022
Conc: 15.81 ng/ml



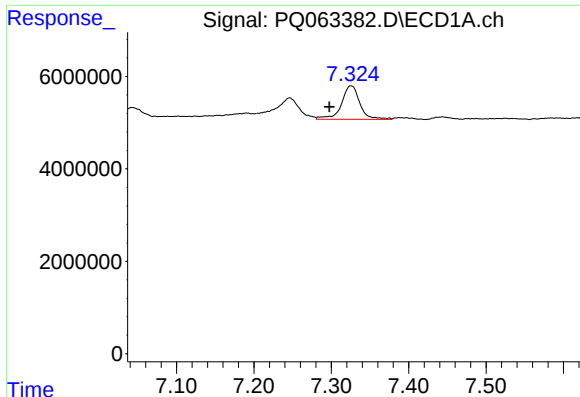
#34 AR-1260-4

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 2533299
Conc: 10.63 ng/ml



#34 AR-1260-4

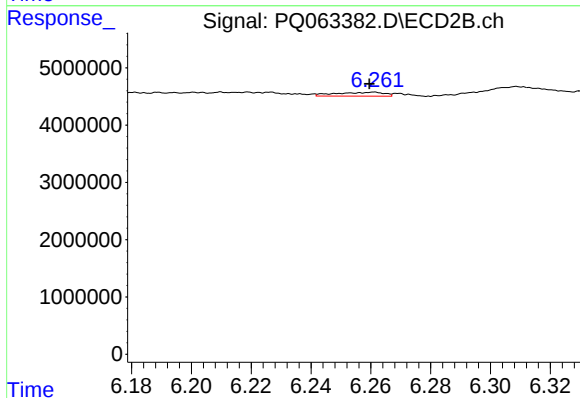
R.T.: 6.021 min
Delta R.T.: 0.008 min
Response: 250275
Conc: 1.31 ng/ml



#35 AR-1260-5

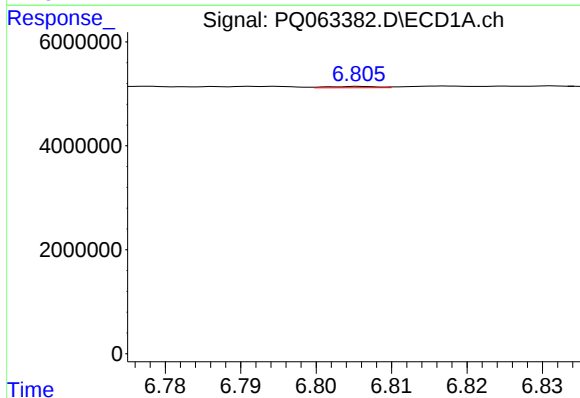
R.T.: 7.325 min
Delta R.T.: 0.028 min
Response: 11964184
Conc: 26.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



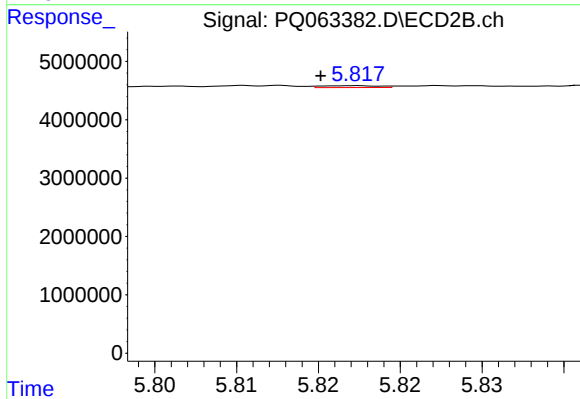
#35 AR-1260-5

R.T.: 6.261 min
Delta R.T.: 0.002 min
Response: 778169
Conc: 1.78 ng/ml



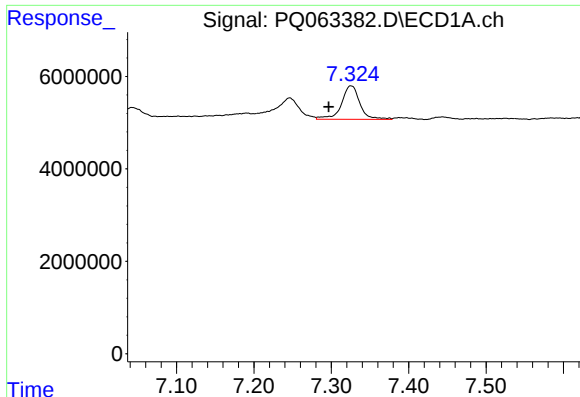
#36 AR-1262-1

R.T.: 6.806 min
Delta R.T.: 0.040 min
Response: 118075
Conc: 0.38 ng/ml



#36 AR-1262-1

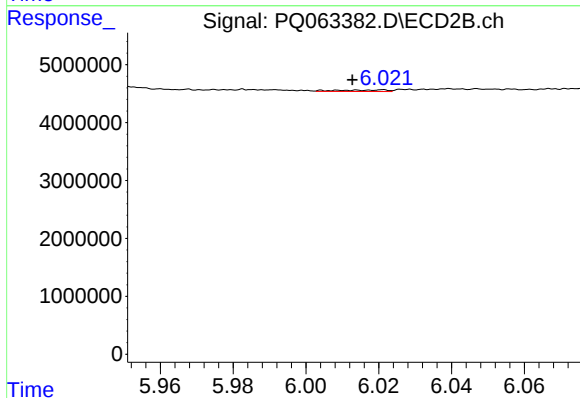
R.T.: 5.817 min
Delta R.T.: 0.002 min
Response: 79002
Conc: 0.75 ng/ml



#37 AR-1262-2

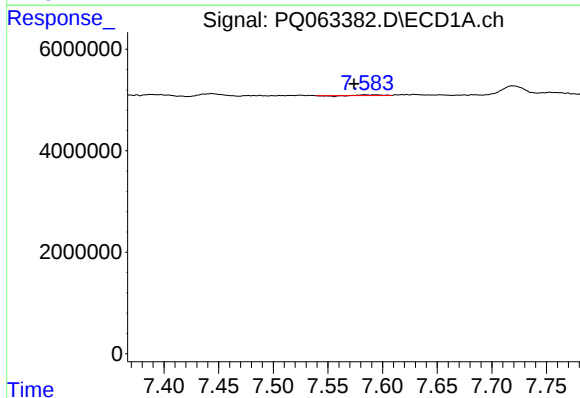
R.T.: 7.325 min
Delta R.T.: 0.029 min
Response: 11964184
Conc: 23.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



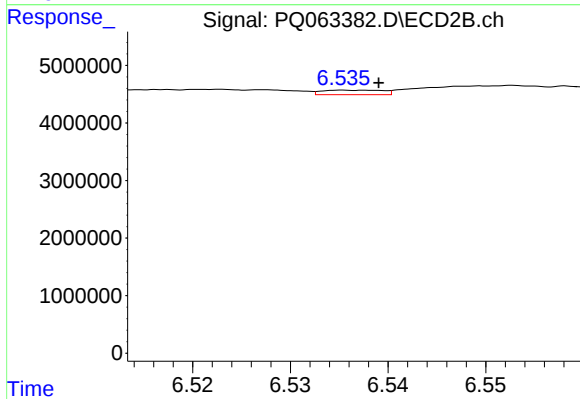
#37 AR-1262-2

R.T.: 6.021 min
Delta R.T.: 0.009 min
Response: 250275
Conc: 1.08 ng/ml



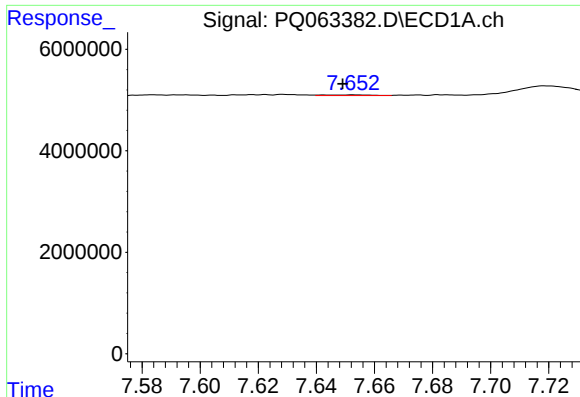
#38 AR-1262-3

R.T.: 7.584 min
Delta R.T.: 0.010 min
Response: 125484
Conc: 0.36 ng/ml



#38 AR-1262-3

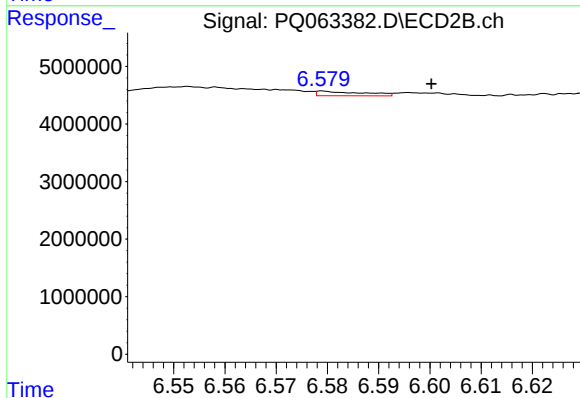
R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 335687
Conc: 1.75 ng/ml



#39 AR-1262-4

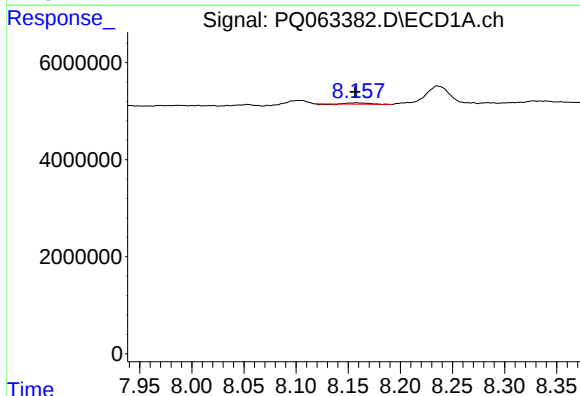
R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 132158
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



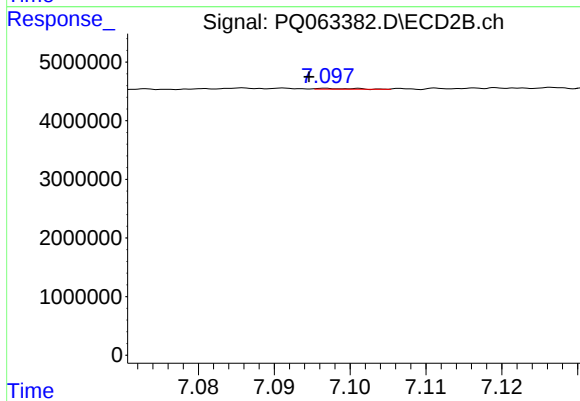
#39 AR-1262-4

R.T.: 6.579 min
Delta R.T.: -0.021 min
Response: 502348
Conc: 1.44 ng/ml



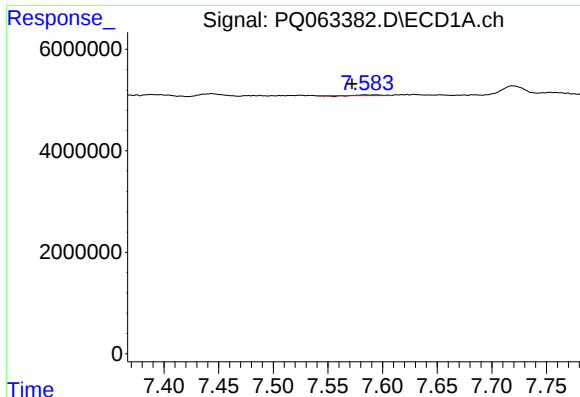
#40 AR-1262-5

R.T.: 8.158 min
Delta R.T.: 0.001 min
Response: 305691
Conc: 1.78 ng/ml



#40 AR-1262-5

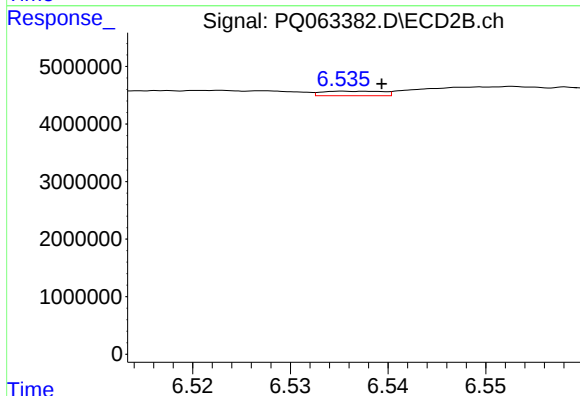
R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 51217
Conc: 0.31 ng/ml



#41 AR-1268-1

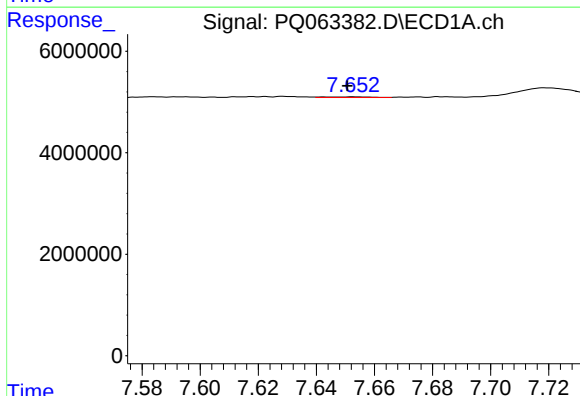
R.T.: 7.584 min
Delta R.T.: 0.012 min
Response: 125484
Conc: 0.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



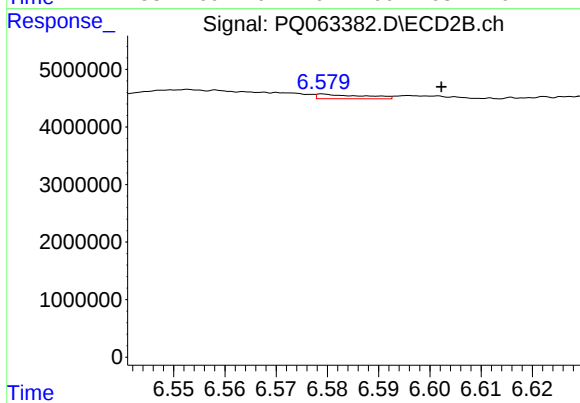
#41 AR-1268-1

R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 335687
Conc: 0.60 ng/ml



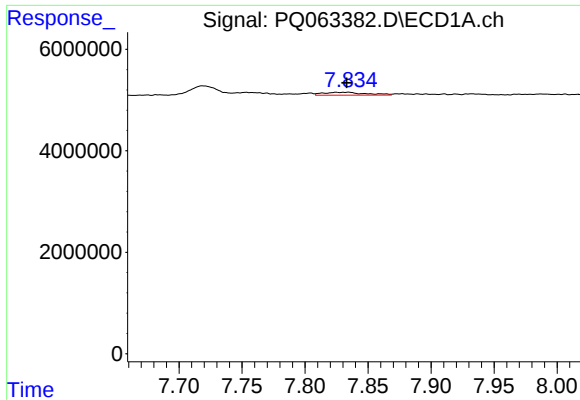
#42 AR-1268-2

R.T.: 7.653 min
Delta R.T.: 0.002 min
Response: 132158
Conc: 0.23 ng/ml



#42 AR-1268-2

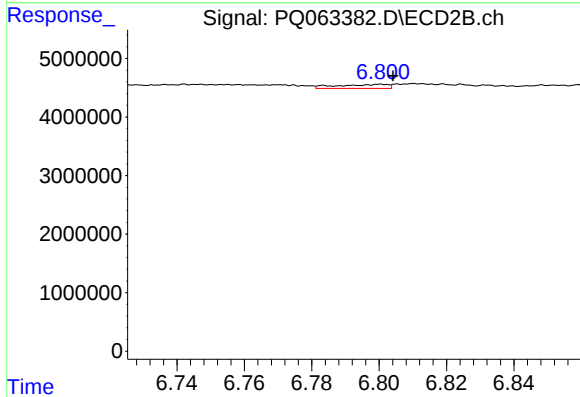
R.T.: 6.579 min
Delta R.T.: -0.023 min
Response: 502348
Conc: 1.01 ng/ml



#43 AR-1268-3

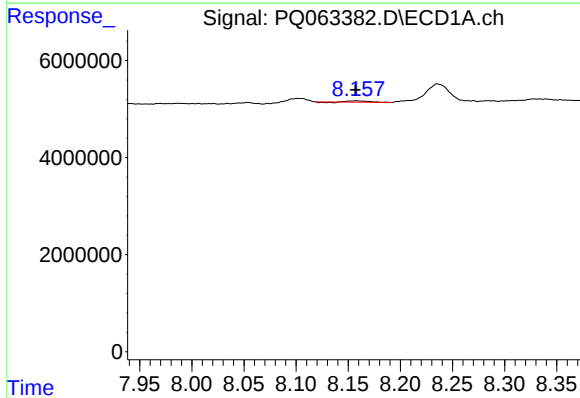
R.T.: 7.834 min
Delta R.T.: 0.001 min
Response: 1370357
Conc: 2.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



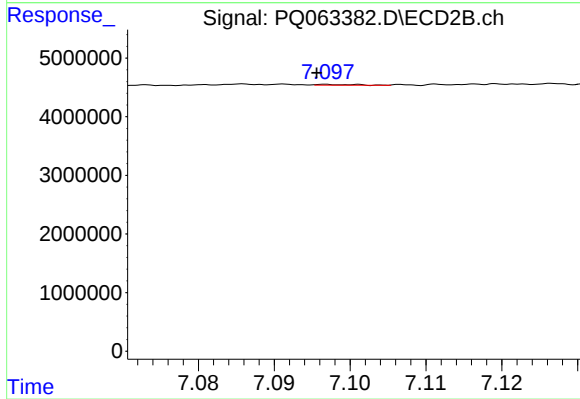
#43 AR-1268-3

R.T.: 6.800 min
Delta R.T.: -0.004 min
Response: 709512
Conc: 1.66 ng/ml



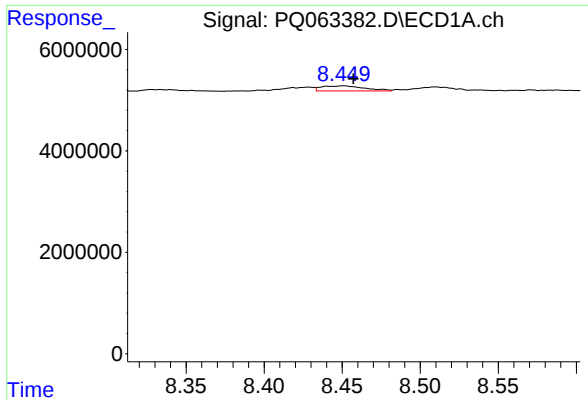
#44 AR-1268-4

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 305691
Conc: 1.59 ng/ml



#44 AR-1268-4

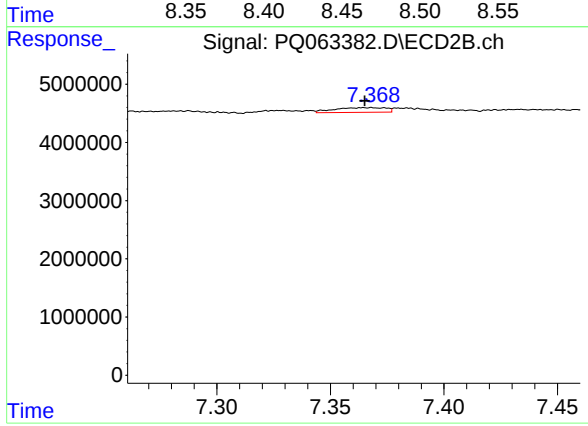
R.T.: 7.097 min
Delta R.T.: 0.001 min
Response: 51217
Conc: 0.28 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: -0.006 min
Response: 1915879
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.368 min
Delta R.T.: 0.003 min
Response: 1295696
Conc: 0.99 ng/ml