

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071323\
 Data File : PQ062197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 14:56
 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 13 22:56:17 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...	3.404	2.758	112.8E6	65361888	23.117	26.050
2)	SA Decachlor...	8.587	7.529	83665432	79532327	23.031	23.868
Target Compounds							
3)	L1 AR-1016-1	4.521	3.744	-64597	94612	N.D.	0.956 #
4)	L1 AR-1016-2	4.521	3.782	-64597	184203	N.D.	1.277 #
5)	L1 AR-1016-3	4.583	3.950	57591	29364	0.378	0.389
6)	L1 AR-1016-4	4.693	4.017f	277413	403051	2.213	6.137 #
7)	L1 AR-1016-5	4.968	4.184	850991	1226795	6.992	14.964 #
8)	L2 AR-1221-1	3.615	2.961	346089	104568	5.758	3.169 #
9)	L2 AR-1221-2	3.682	3.027	2110804	1386258	46.977	54.577
10)	L2 AR-1221-3	3.738	3.113	855116	302432	6.085	3.923 #
11)	L3 AR-1232-1	3.738	3.113	855116	302432	8.098	5.278 #
12)	L3 AR-1232-2	4.239	3.782	183658	184203	3.105	2.768
13)	L3 AR-1232-3	4.521	3.950	-64597	29364	N.D.	0.850 #
14)	L3 AR-1232-4	4.693	4.017	277413	403051	4.896	13.553 #
15)	L3 AR-1232-5	4.769	4.184	194391	1226795	4.854	34.402 #
16)	L4 AR-1242-1	4.521	3.744	-64597	94612	N.D.	1.223 #
17)	L4 AR-1242-2	4.521	3.782	-64597	184203	N.D.	1.657 #
18)	L4 AR-1242-3	4.583	3.950	57591	29364	0.477	0.501
19)	L4 AR-1242-4	4.693	4.017	277413	403051	2.846	6.875 #
20)	L4 AR-1242-5	5.417f	4.512	1092074	526958	11.408	6.357 #
21)	L5 AR-1248-1	4.521	3.744	-64597	94612	N.D.	1.513 #
22)	L5 AR-1248-2	4.769	4.017f	194391	403051	1.353	4.298 #
23)	L5 AR-1248-3	4.968	4.017	850991	403051	4.899	4.451
24)	L5 AR-1248-4	5.357	4.184	2209713	1226795	11.513	10.872
25)	L5 AR-1248-5	5.417f	4.537	1092074	946327	6.029	8.447 #
26)	L6 AR-1254-1	5.328	4.512	3769369	526958	20.285	3.264 #
27)	L6 AR-1254-2	5.546	4.665	98274	1215812	0.338	8.258 #
28)	L6 AR-1254-3	5.875	5.046	1106722	2041699	3.603	8.736 #
29)	L6 AR-1254-4	6.138f	5.252	2260820	7006012	9.737	45.967 #
30)	L6 AR-1254-5	6.590	5.665	165631	630378	0.645	2.731 #
31)	L7 AR-1260-1	6.067	5.174	456775	765798	1.936	4.598 #
32)	L7 AR-1260-2	6.332	5.361	1455764	1681498	5.041	8.086 #
33)	L7 AR-1260-3	6.654	5.498	310399	2042724	1.758	10.499 #
34)	L7 AR-1260-4	6.864f	5.940f	386867	262732	1.837	1.801
35)	L7 AR-1260-5	0.000	6.236	0	118956	N.D.	0.358 #
36)	L8 AR-1262-1	6.654	5.713	310399	1414378	1.018	6.084 #
37)	L8 AR-1262-2	0.000	5.940	0	262732	N.D.	1.215 #
38)	L8 AR-1262-3	7.478	6.503	363905	255329	1.033	1.465 #
39)	L8 AR-1262-4	7.577	6.552	2809616	332155	10.534	1.031 #
40)	L8 AR-1262-5	8.057	7.061	571784	183798	3.221	1.185 #
41)	L9 AR-1268-1	7.478	6.503	363905	255329	0.641	0.543

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071323\
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 Acq On : 13 Jul 2023 14:56
 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 13 22:56:17 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

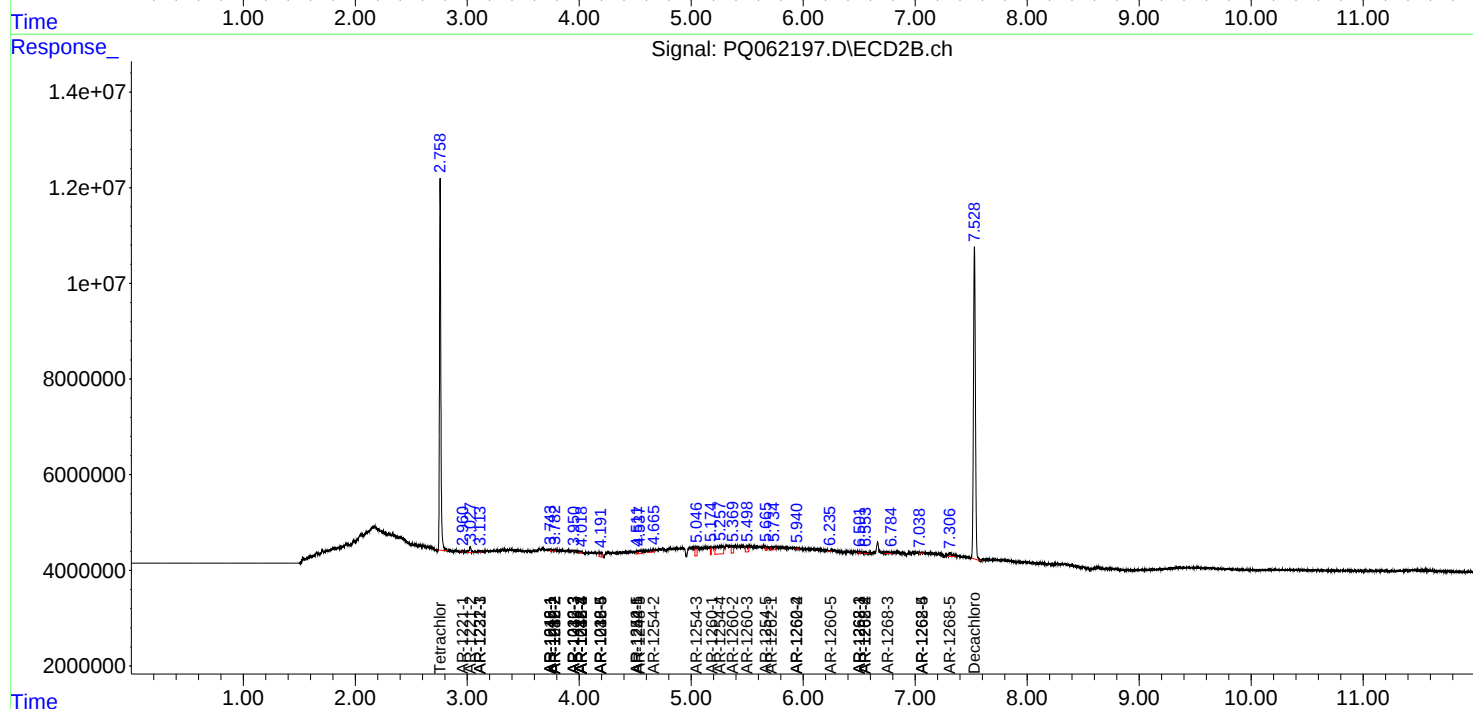
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

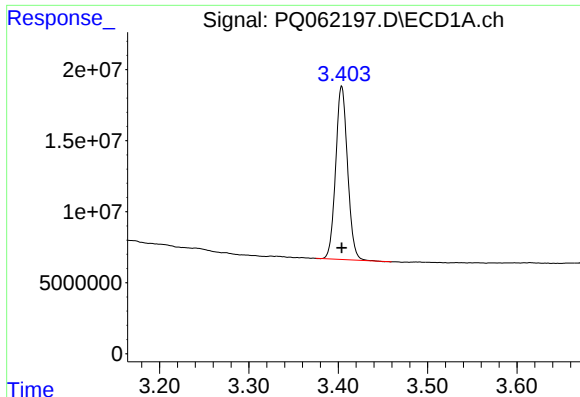
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.577	6.552	2809616	332155	5.510	0.784 #
43) L9	AR-1268-3	7.774f	6.754	102708	697676	0.241	1.894 #
44) L9	AR-1268-4	8.057	7.061	571784	183798	3.125	1.149 #
45) L9	AR-1268-5	8.355	7.308	931539	1287649	0.739	1.103 #

(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

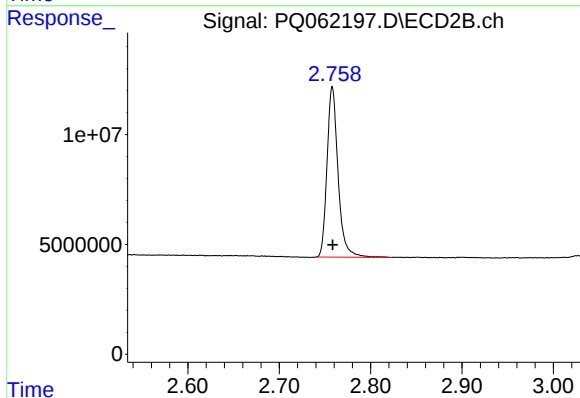




#1 Tetrachloro-m-xylene

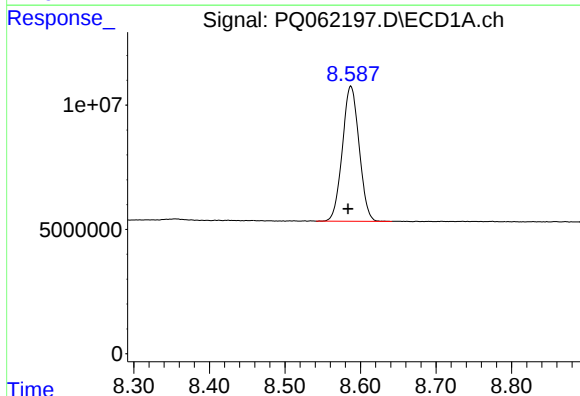
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 112766738
Conc: 23.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



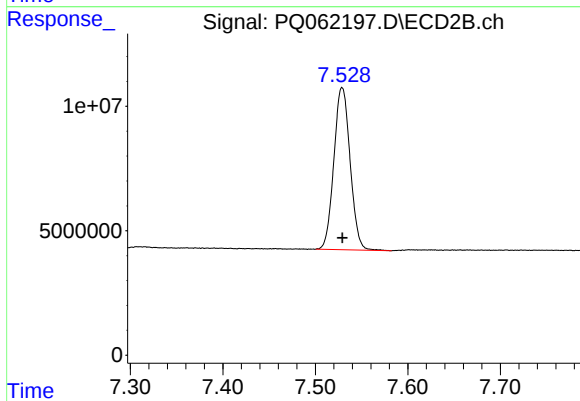
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 65361888
Conc: 26.05 ng/ml



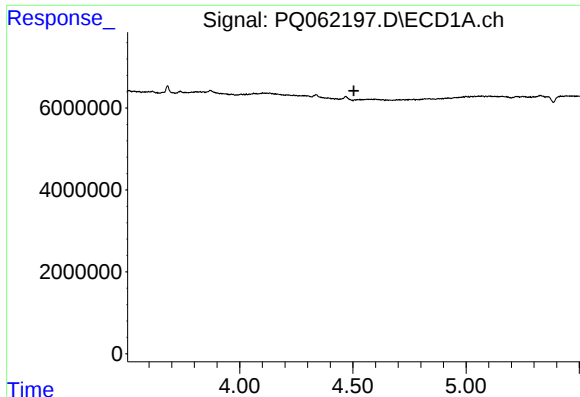
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 83665432
Conc: 23.03 ng/ml



#2 Decachlorobiphenyl

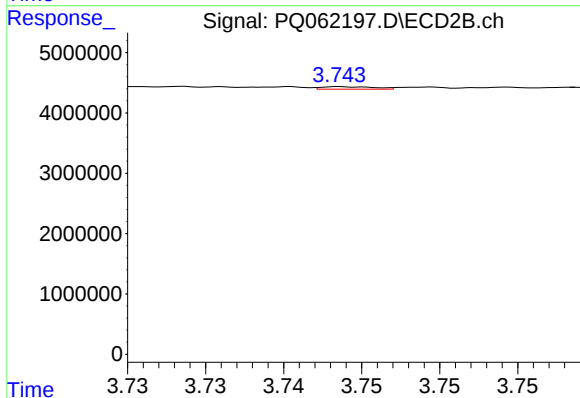
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 79532327
Conc: 23.87 ng/ml



#3 AR-1016-1

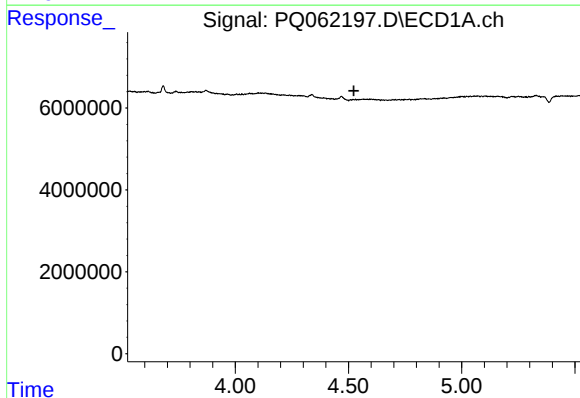
R.T.: 4.521 min
Delta R.T.: 0.017 min
Response: -64597
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



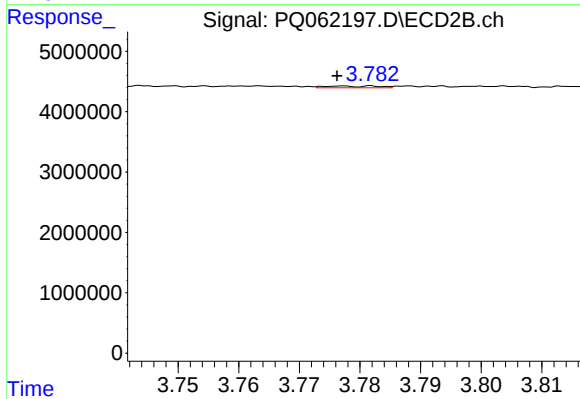
#3 AR-1016-1

R.T.: 3.744 min
Delta R.T.: -0.017 min
Response: 94612
Conc: 0.96 ng/ml



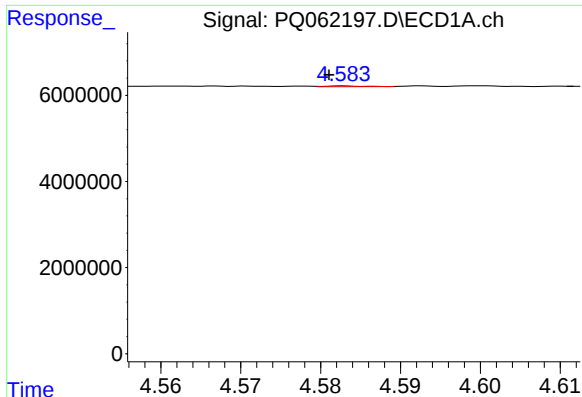
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: -64597
Conc: N.D.



#4 AR-1016-2

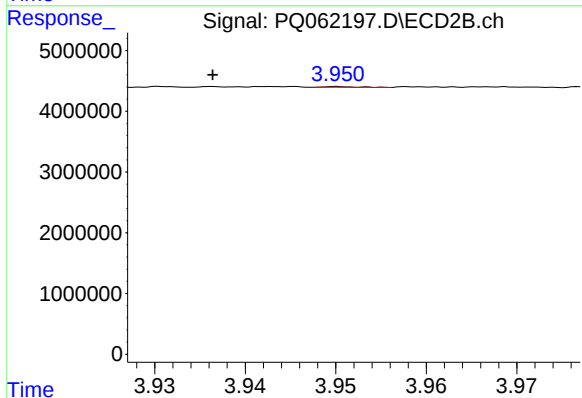
R.T.: 3.782 min
Delta R.T.: 0.006 min
Response: 184203
Conc: 1.28 ng/ml



#5 AR-1016-3

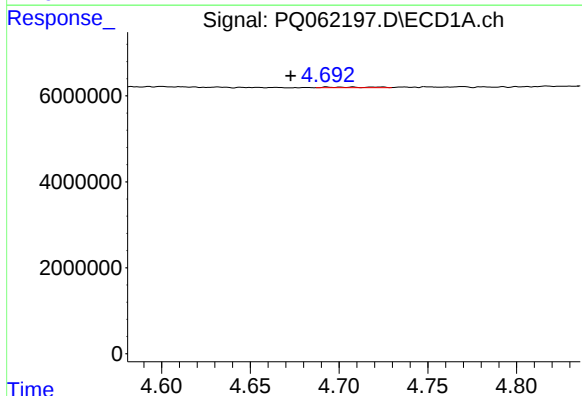
R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 57591
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



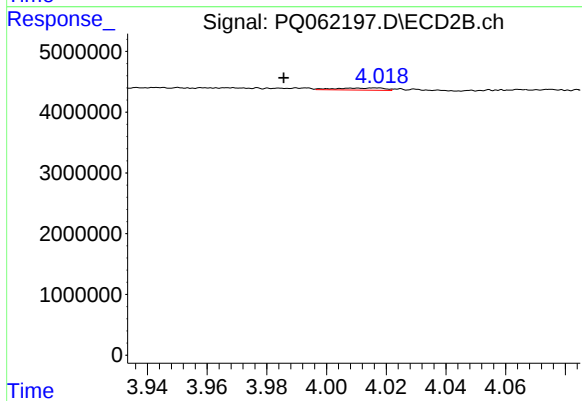
#5 AR-1016-3

R.T.: 3.950 min
Delta R.T.: 0.014 min
Response: 29364
Conc: 0.39 ng/ml



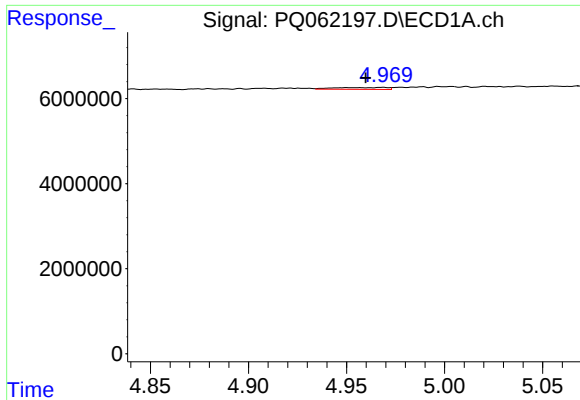
#6 AR-1016-4

R.T.: 4.693 min
Delta R.T.: 0.020 min
Response: 277413
Conc: 2.21 ng/ml



#6 AR-1016-4

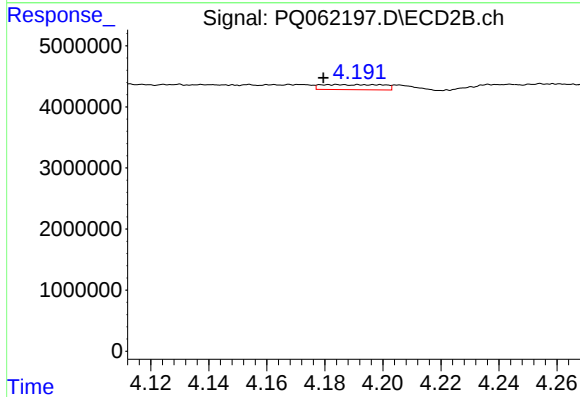
R.T.: 4.017 min
Delta R.T.: 0.031 min
Response: 403051
Conc: 6.14 ng/ml



#7 AR-1016-5

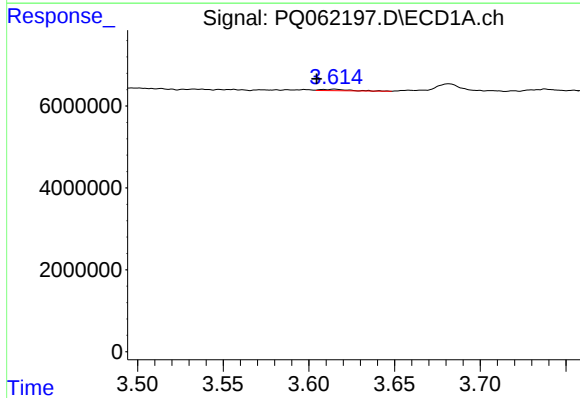
R.T.: 4.968 min
Delta R.T.: 0.009 min
Response: 850991
Conc: 6.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



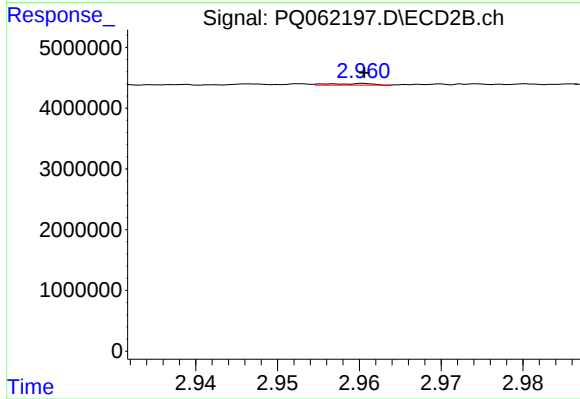
#7 AR-1016-5

R.T.: 4.184 min
Delta R.T.: 0.005 min
Response: 1226795
Conc: 14.96 ng/ml



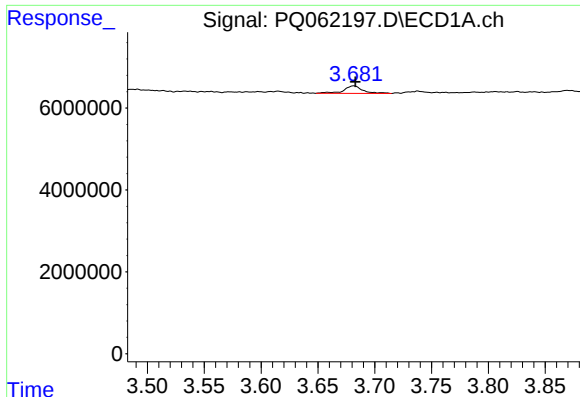
#8 AR-1221-1

R.T.: 3.615 min
Delta R.T.: 0.011 min
Response: 346089
Conc: 5.76 ng/ml



#8 AR-1221-1

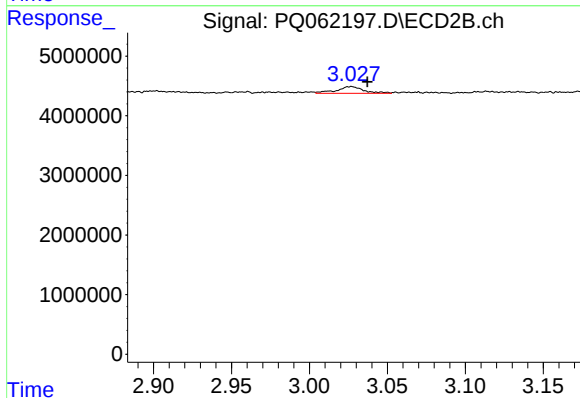
R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 104568
Conc: 3.17 ng/ml



#9 AR-1221-2

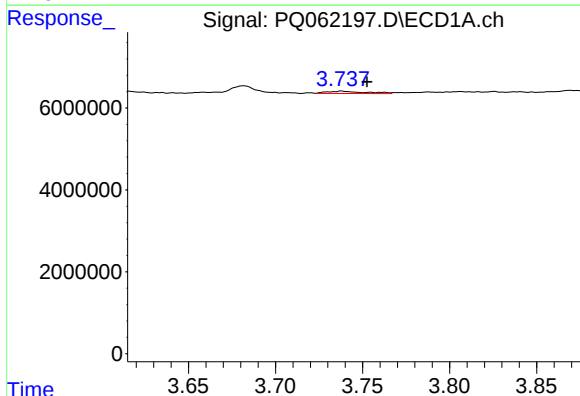
R.T.: 3.682 min
Delta R.T.: -0.001 min
Response: 2110804
Conc: 46.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



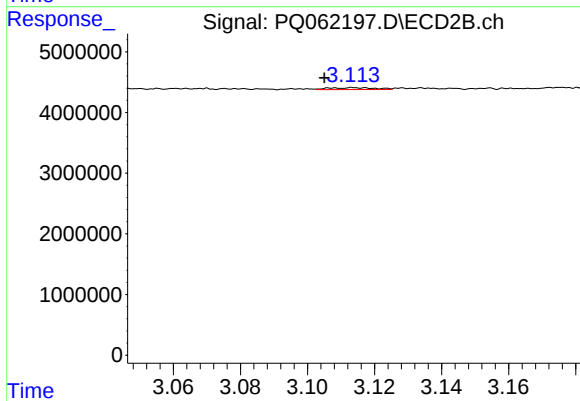
#9 AR-1221-2

R.T.: 3.027 min
Delta R.T.: -0.010 min
Response: 1386258
Conc: 54.58 ng/ml



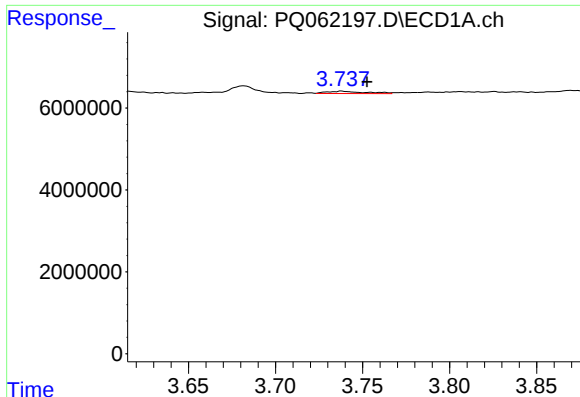
#10 AR-1221-3

R.T.: 3.738 min
Delta R.T.: -0.014 min
Response: 855116
Conc: 6.09 ng/ml



#10 AR-1221-3

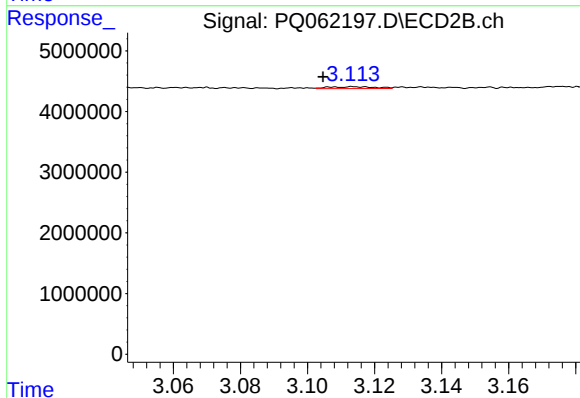
R.T.: 3.113 min
Delta R.T.: 0.008 min
Response: 302432
Conc: 3.92 ng/ml



#11 AR-1232-1

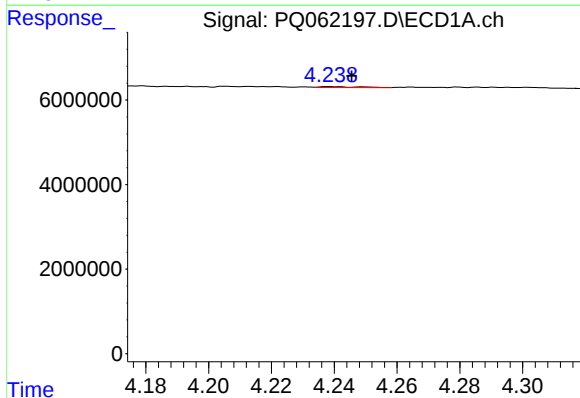
R.T.: 3.738 min
Delta R.T.: -0.015 min
Response: 855116
Conc: 8.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



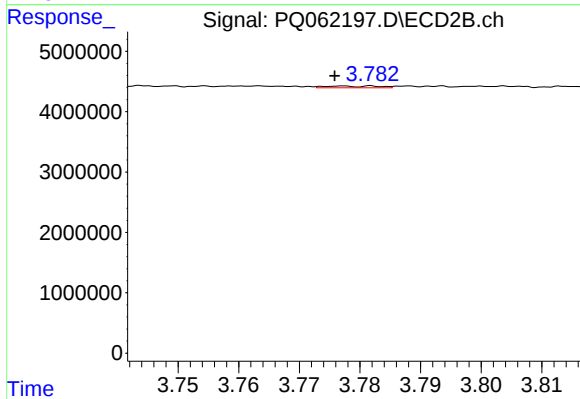
#11 AR-1232-1

R.T.: 3.113 min
Delta R.T.: 0.009 min
Response: 302432
Conc: 5.28 ng/ml



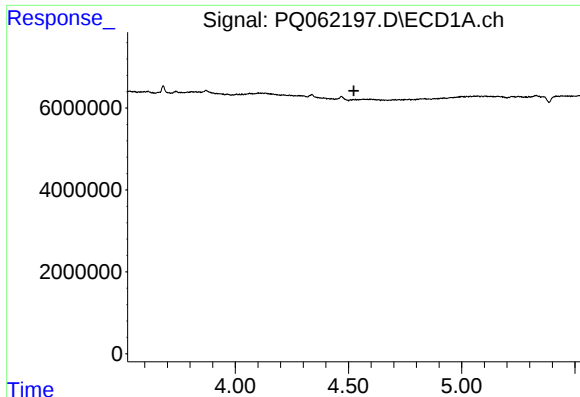
#12 AR-1232-2

R.T.: 4.239 min
Delta R.T.: -0.007 min
Response: 183658
Conc: 3.10 ng/ml



#12 AR-1232-2

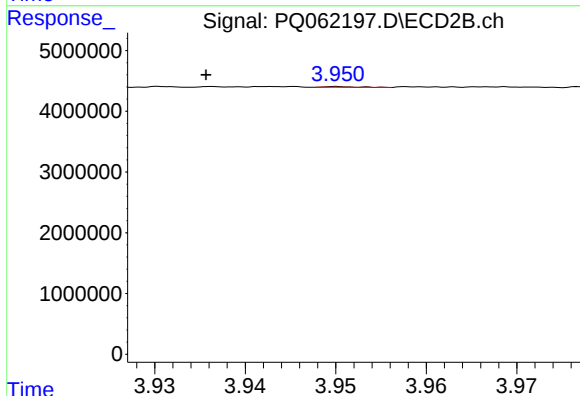
R.T.: 3.782 min
Delta R.T.: 0.006 min
Response: 184203
Conc: 2.77 ng/ml



#13 AR-1232-3

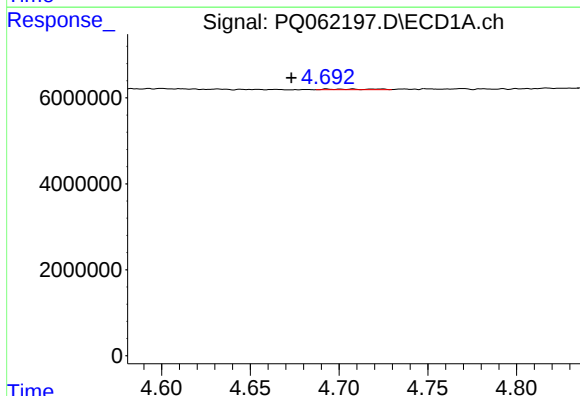
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: -64597
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



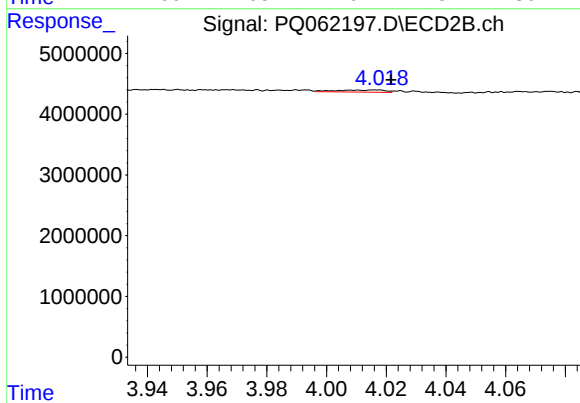
#13 AR-1232-3

R.T.: 3.950 min
Delta R.T.: 0.015 min
Response: 29364
Conc: 0.85 ng/ml



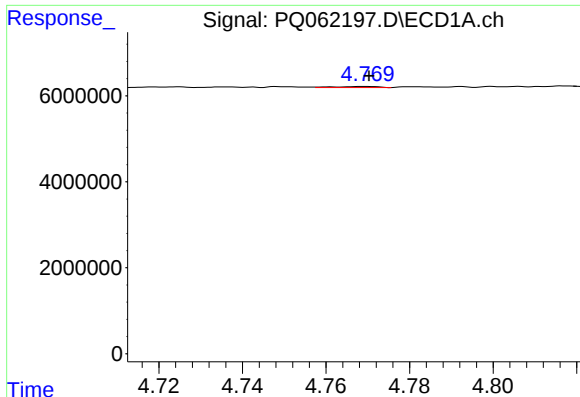
#14 AR-1232-4

R.T.: 4.693 min
Delta R.T.: 0.020 min
Response: 277413
Conc: 4.90 ng/ml



#14 AR-1232-4

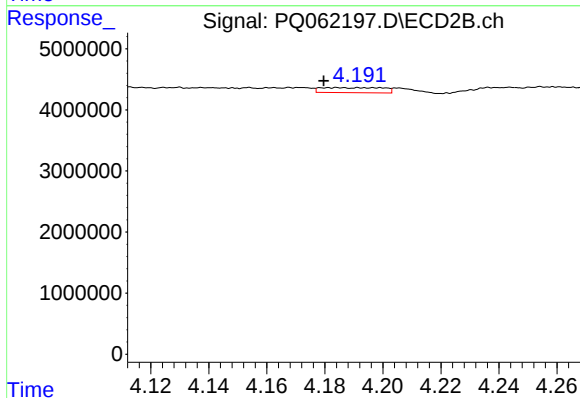
R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 403051
Conc: 13.55 ng/ml



#15 AR-1232-5

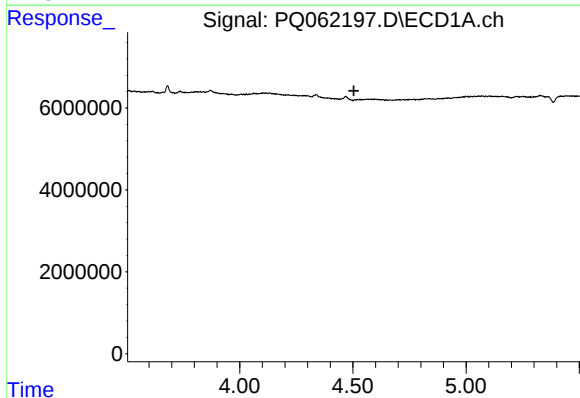
R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 194391
Conc: 4.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



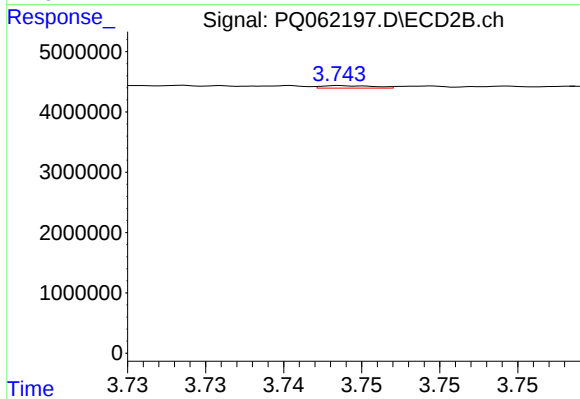
#15 AR-1232-5

R.T.: 4.184 min
Delta R.T.: 0.005 min
Response: 1226795
Conc: 34.40 ng/ml



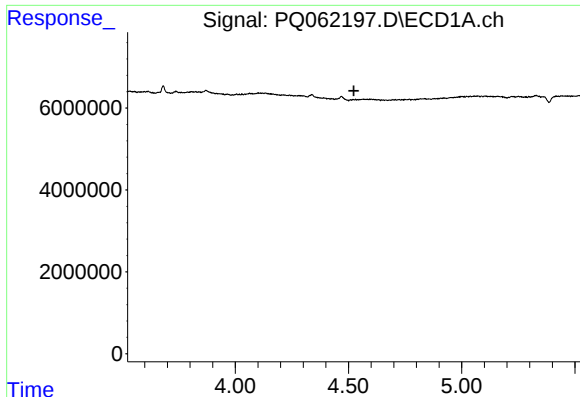
#16 AR-1242-1

R.T.: 4.521 min
Delta R.T.: 0.016 min
Response: -64597
Conc: N.D.



#16 AR-1242-1

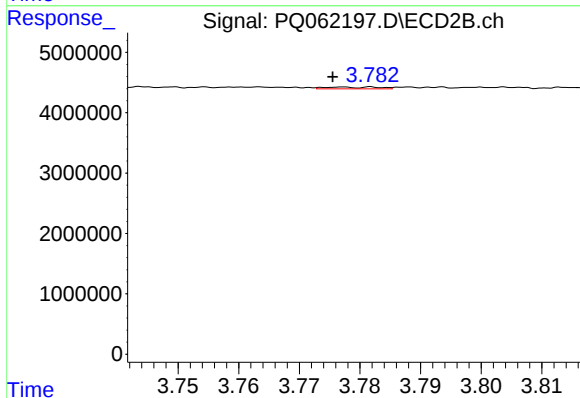
R.T.: 3.744 min
Delta R.T.: -0.016 min
Response: 94612
Conc: 1.22 ng/ml



#17 AR-1242-2

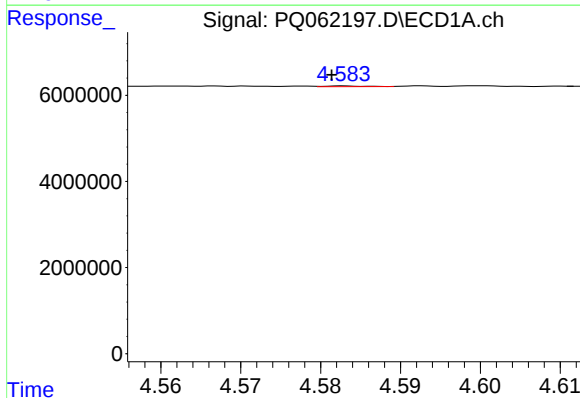
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: -64597
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



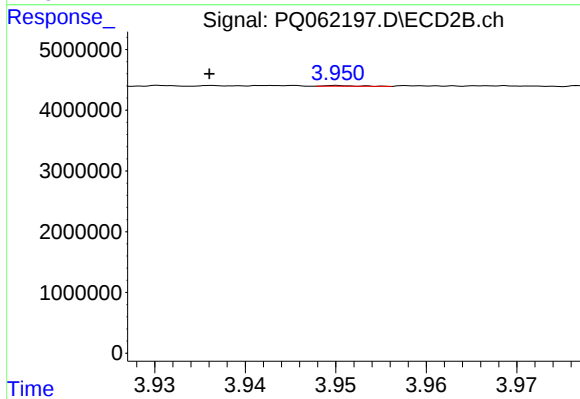
#17 AR-1242-2

R.T.: 3.782 min
Delta R.T.: 0.007 min
Response: 184203
Conc: 1.66 ng/ml



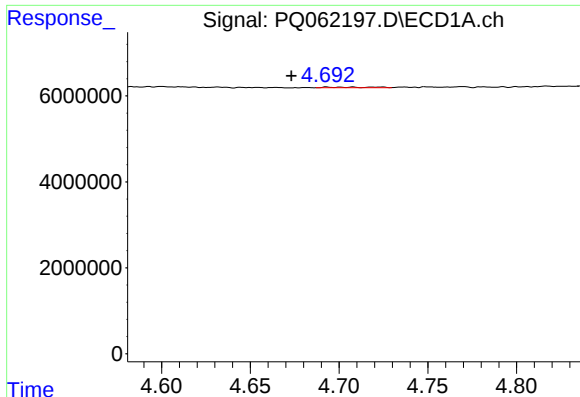
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 57591
Conc: 0.48 ng/ml



#18 AR-1242-3

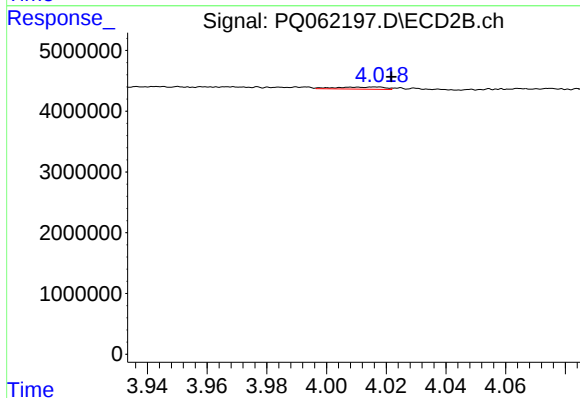
R.T.: 3.950 min
Delta R.T.: 0.014 min
Response: 29364
Conc: 0.50 ng/ml



#19 AR-1242-4

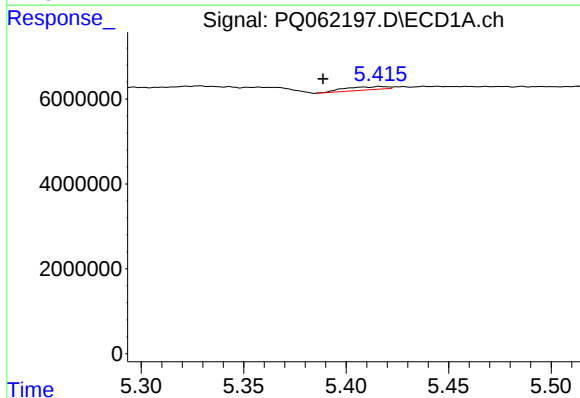
R.T.: 4.693 min
Delta R.T.: 0.020 min
Response: 277413
Conc: 2.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



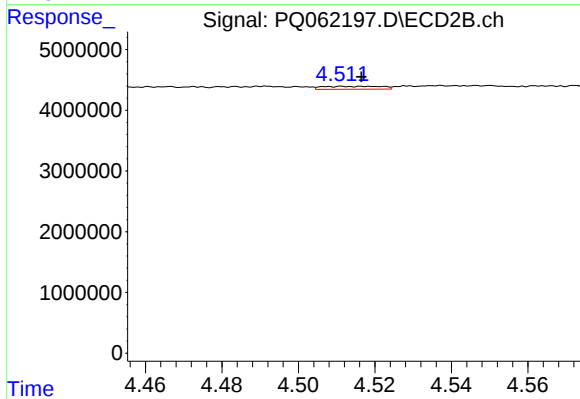
#19 AR-1242-4

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 403051
Conc: 6.87 ng/ml



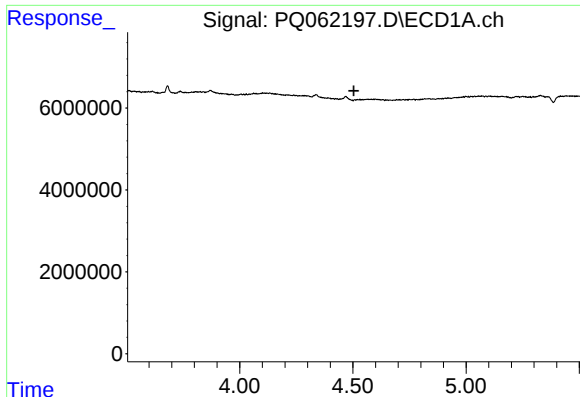
#20 AR-1242-5

R.T.: 5.417 min
Delta R.T.: 0.028 min
Response: 1092074
Conc: 11.41 ng/ml



#20 AR-1242-5

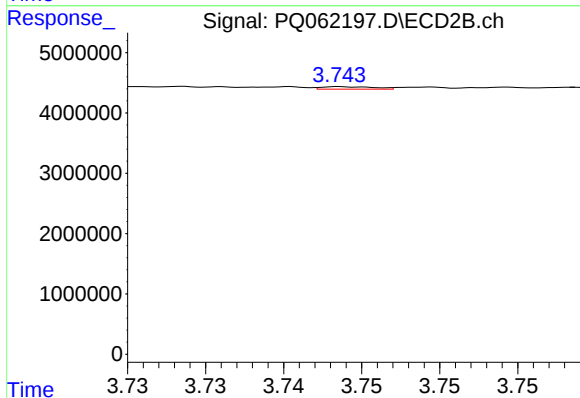
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 526958
Conc: 6.36 ng/ml



#21 AR-1248-1

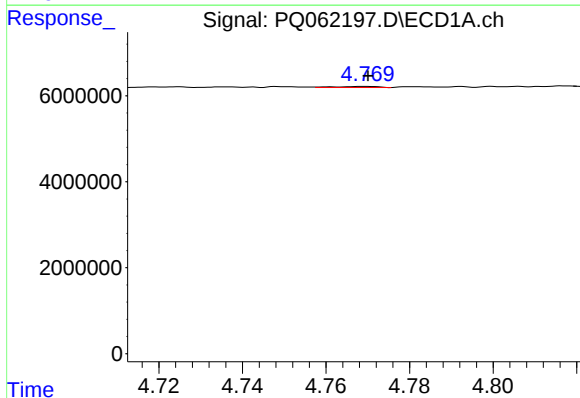
R.T.: 4.521 min
Delta R.T.: 0.017 min
Response: -64597
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



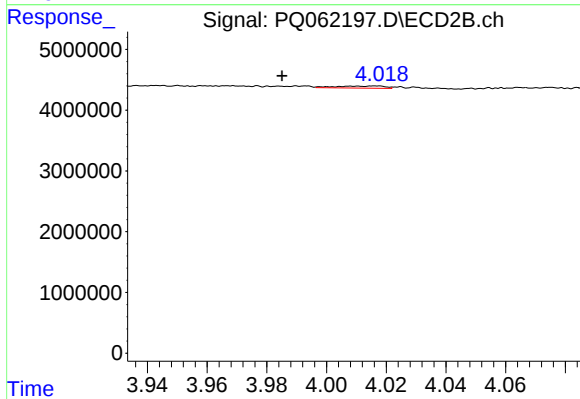
#21 AR-1248-1

R.T.: 3.744 min
Delta R.T.: -0.016 min
Response: 94612
Conc: 1.51 ng/ml



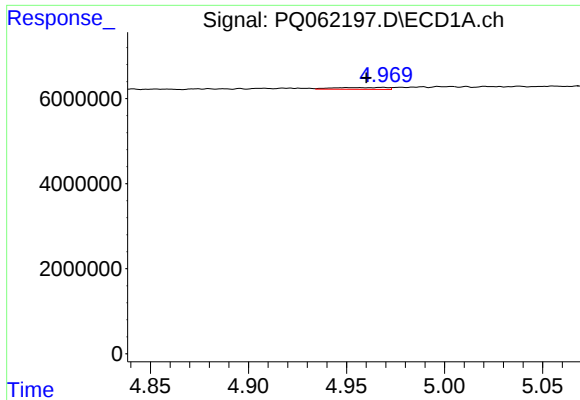
#22 AR-1248-2

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 194391
Conc: 1.35 ng/ml



#22 AR-1248-2

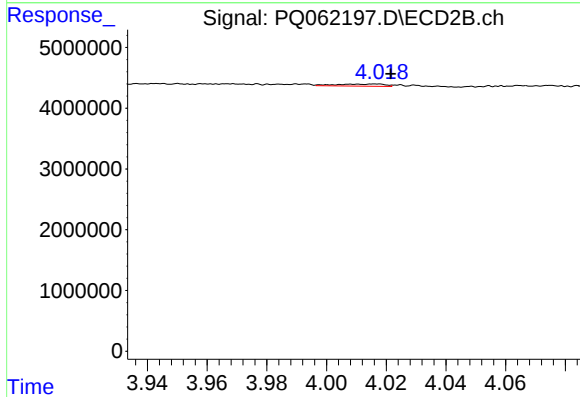
R.T.: 4.017 min
Delta R.T.: 0.032 min
Response: 403051
Conc: 4.30 ng/ml



#23 AR-1248-3

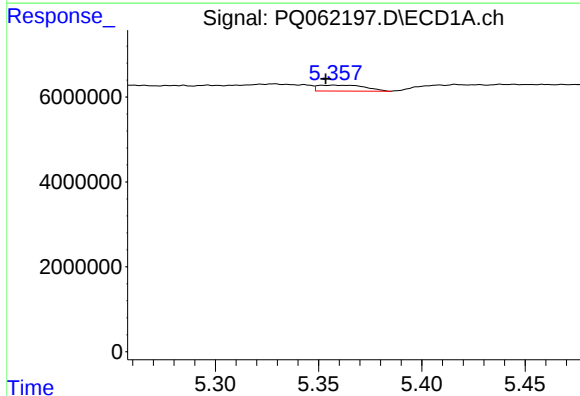
R.T.: 4.968 min
Delta R.T.: 0.008 min
Response: 850991
Conc: 4.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



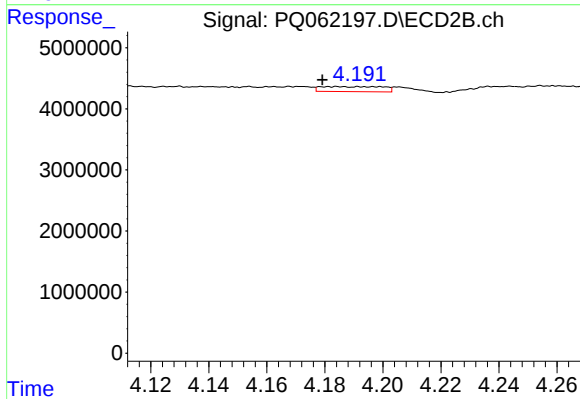
#23 AR-1248-3

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 403051
Conc: 4.45 ng/ml



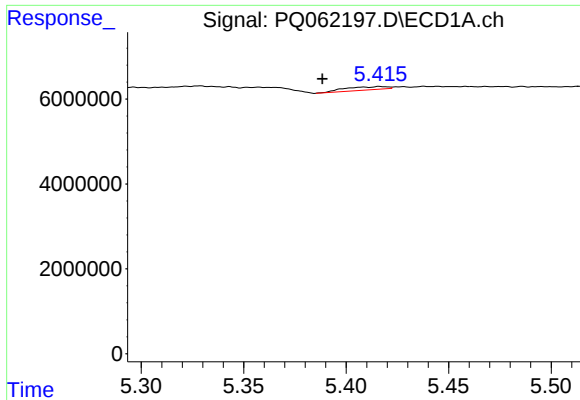
#24 AR-1248-4

R.T.: 5.357 min
Delta R.T.: 0.004 min
Response: 2209713
Conc: 11.51 ng/ml



#24 AR-1248-4

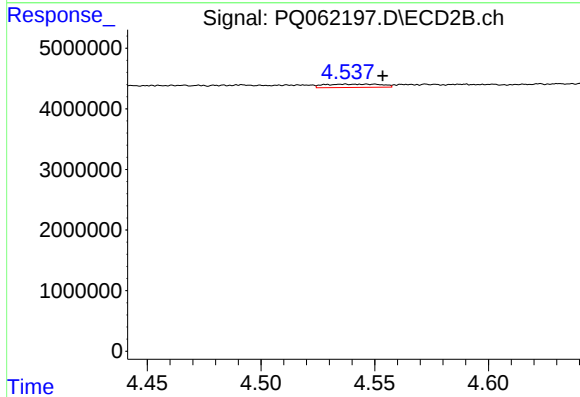
R.T.: 4.184 min
Delta R.T.: 0.005 min
Response: 1226795
Conc: 10.87 ng/ml



#25 AR-1248-5

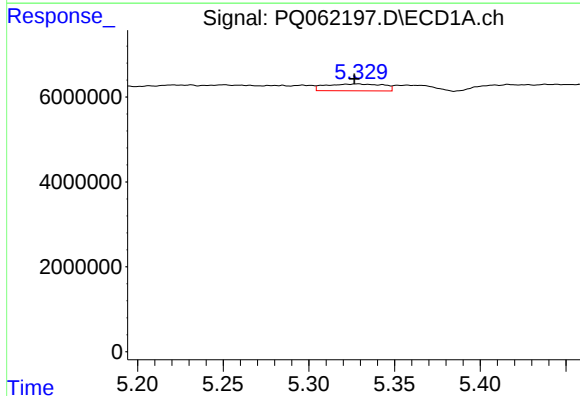
R.T.: 5.417 min
Delta R.T.: 0.028 min
Response: 1092074
Conc: 6.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



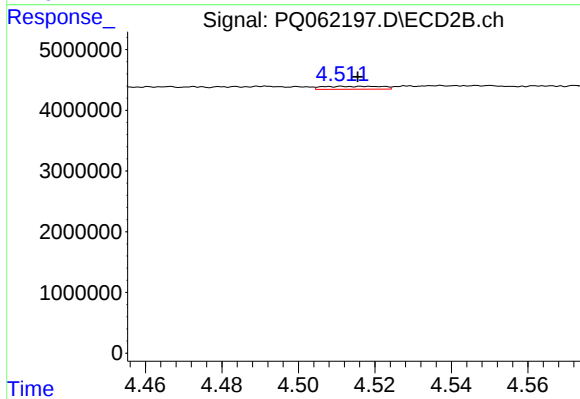
#25 AR-1248-5

R.T.: 4.537 min
Delta R.T.: -0.017 min
Response: 946327
Conc: 8.45 ng/ml



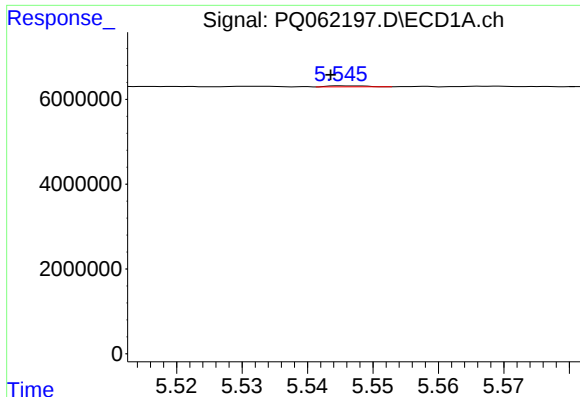
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 3769369
Conc: 20.28 ng/ml



#26 AR-1254-1

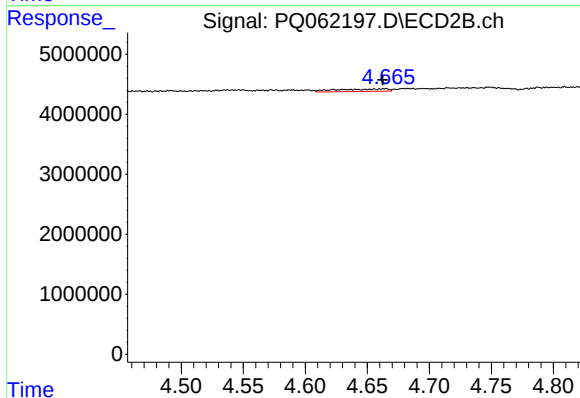
R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 526958
Conc: 3.26 ng/ml



#27 AR-1254-2

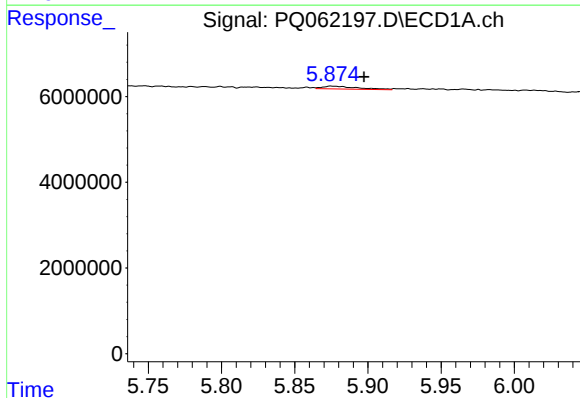
R.T.: 5.546 min
Delta R.T.: 0.003 min
Response: 98274
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



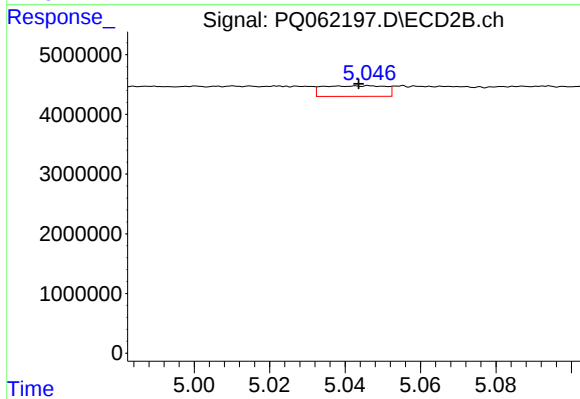
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: 0.002 min
Response: 1215812
Conc: 8.26 ng/ml



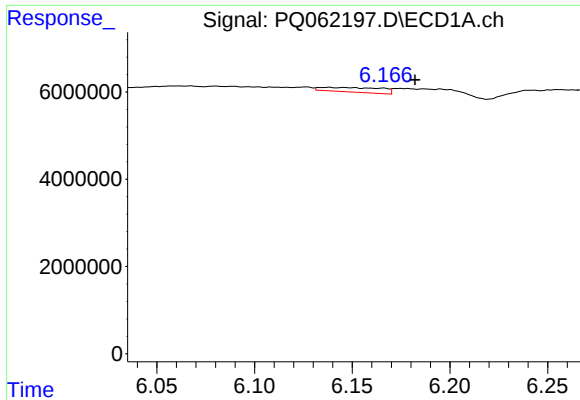
#28 AR-1254-3

R.T.: 5.875 min
Delta R.T.: -0.022 min
Response: 1106722
Conc: 3.60 ng/ml



#28 AR-1254-3

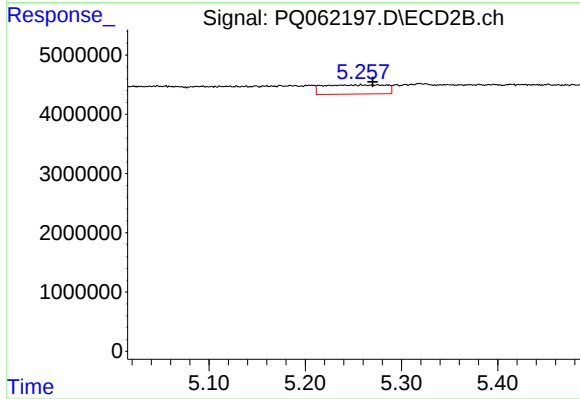
R.T.: 5.046 min
Delta R.T.: 0.002 min
Response: 2041699
Conc: 8.74 ng/ml



#29 AR-1254-4

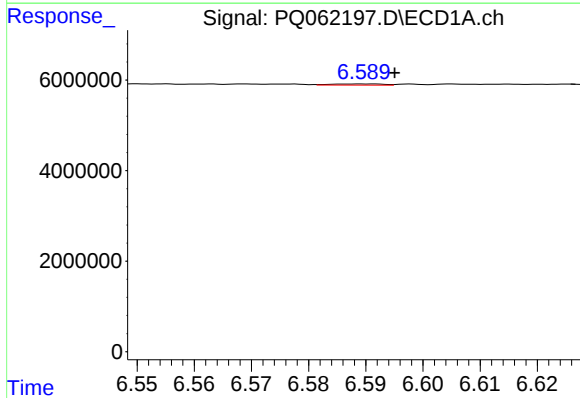
R.T.: 6.138 min
Delta R.T.: -0.044 min
Response: 2260820
Conc: 9.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



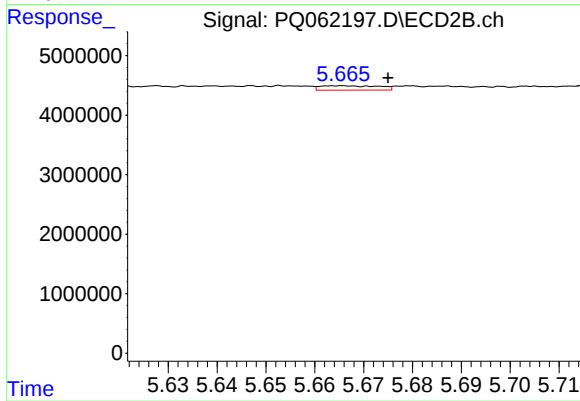
#29 AR-1254-4

R.T.: 5.252 min
Delta R.T.: -0.018 min
Response: 7006012
Conc: 45.97 ng/ml



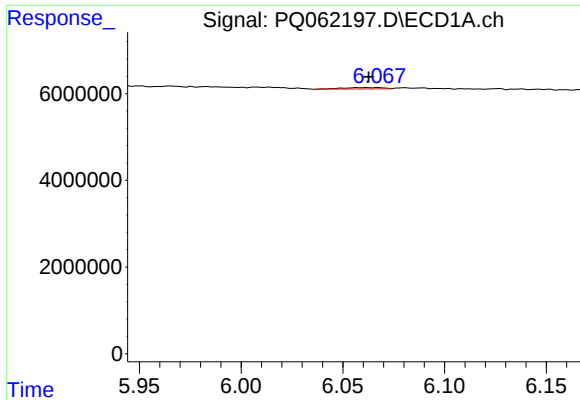
#30 AR-1254-5

R.T.: 6.590 min
Delta R.T.: -0.005 min
Response: 165631
Conc: 0.64 ng/ml



#30 AR-1254-5

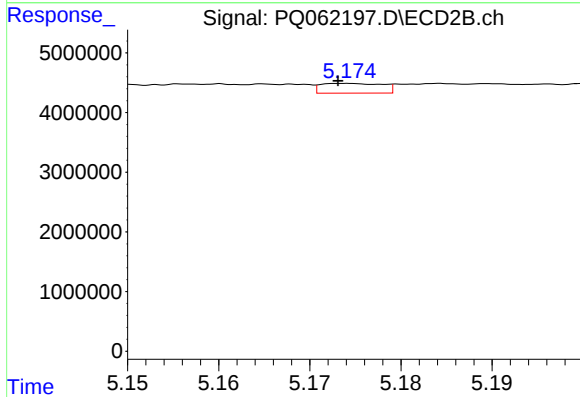
R.T.: 5.665 min
Delta R.T.: -0.010 min
Response: 630378
Conc: 2.73 ng/ml



#31 AR-1260-1

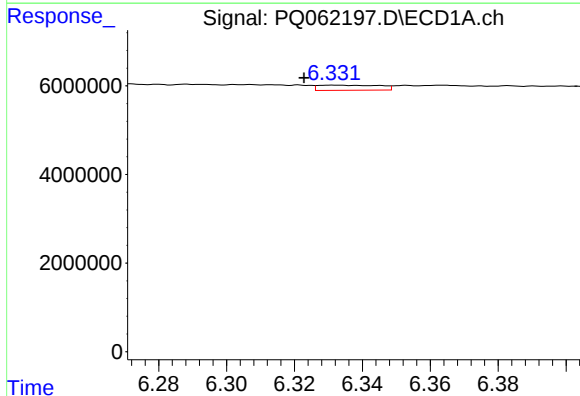
R.T.: 6.067 min
Delta R.T.: 0.004 min
Response: 456775
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



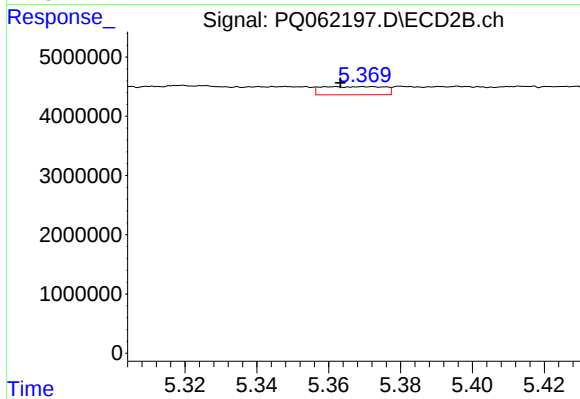
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: 0.001 min
Response: 765798
Conc: 4.60 ng/ml



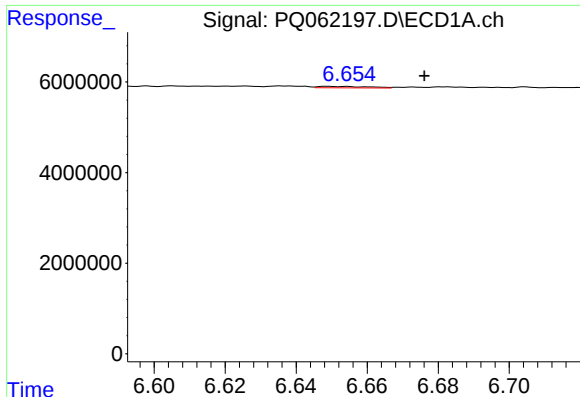
#32 AR-1260-2

R.T.: 6.332 min
Delta R.T.: 0.009 min
Response: 1455764
Conc: 5.04 ng/ml



#32 AR-1260-2

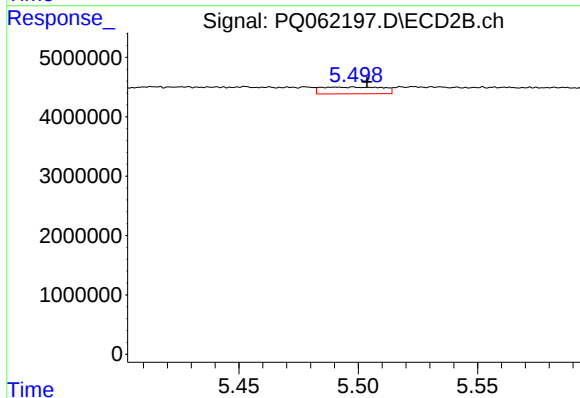
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 1681498
Conc: 8.09 ng/ml



#33 AR-1260-3

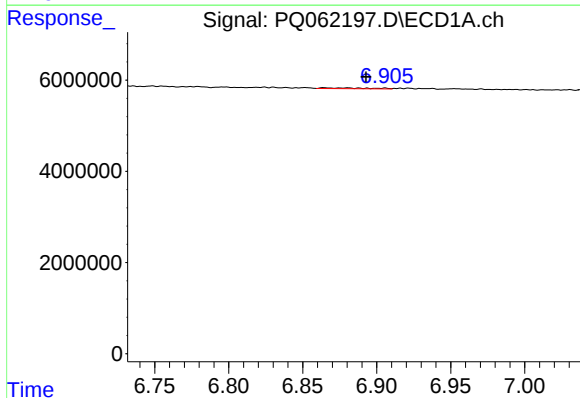
R.T.: 6.654 min
Delta R.T.: -0.022 min
Response: 310399
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



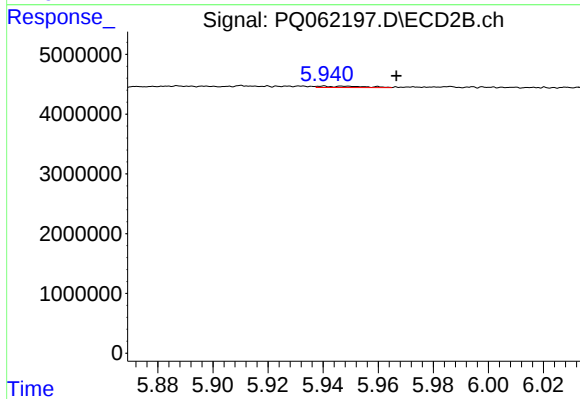
#33 AR-1260-3

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 2042724
Conc: 10.50 ng/ml



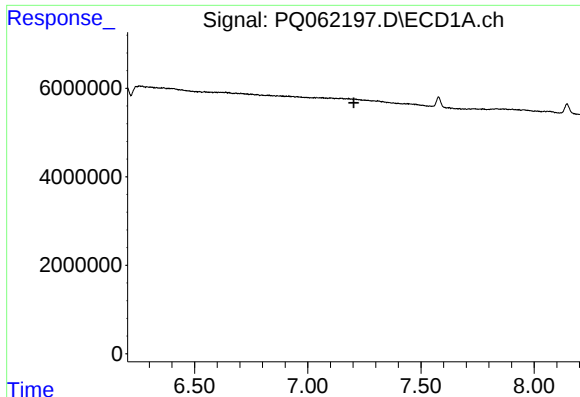
#34 AR-1260-4

R.T.: 6.864 min
Delta R.T.: -0.028 min
Response: 386867
Conc: 1.84 ng/ml



#34 AR-1260-4

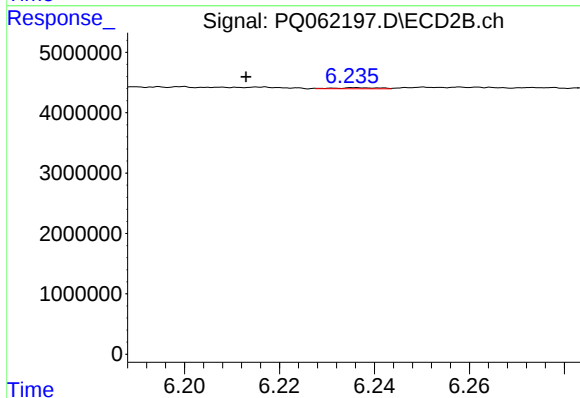
R.T.: 5.940 min
Delta R.T.: -0.027 min
Response: 262732
Conc: 1.80 ng/ml



#35 AR-1260-5

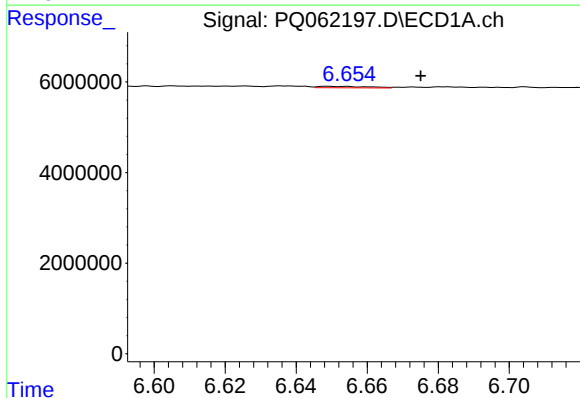
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



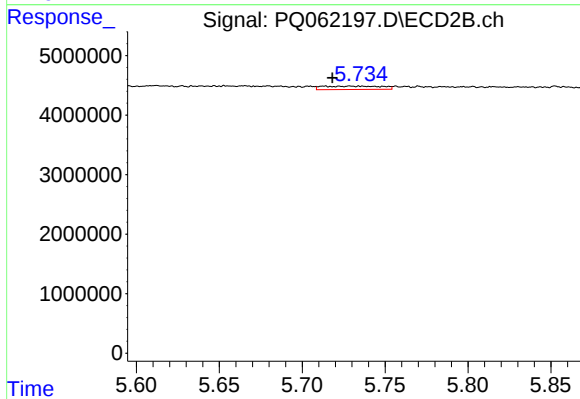
#35 AR-1260-5

R.T.: 6.236 min
Delta R.T.: 0.023 min
Response: 118956
Conc: 0.36 ng/ml



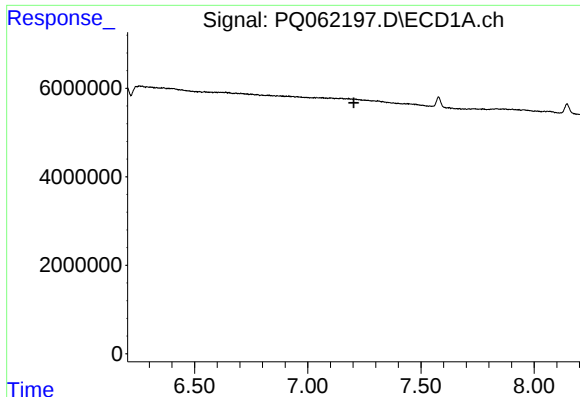
#36 AR-1262-1

R.T.: 6.654 min
Delta R.T.: -0.021 min
Response: 310399
Conc: 1.02 ng/ml



#36 AR-1262-1

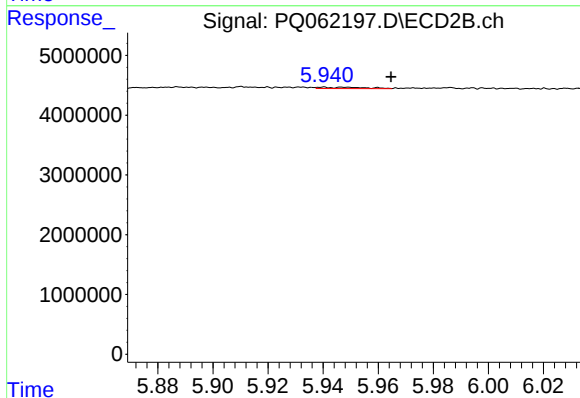
R.T.: 5.713 min
Delta R.T.: -0.005 min
Response: 1414378
Conc: 6.08 ng/ml



#37 AR-1262-2

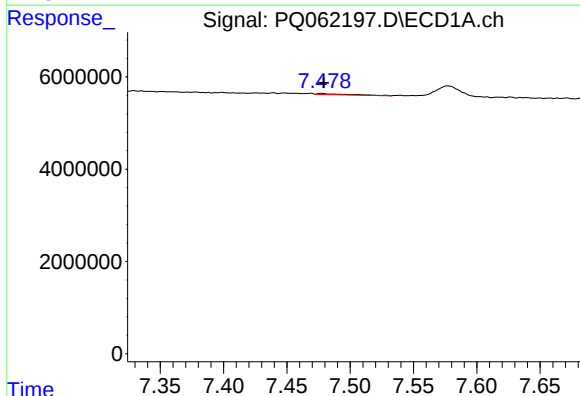
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



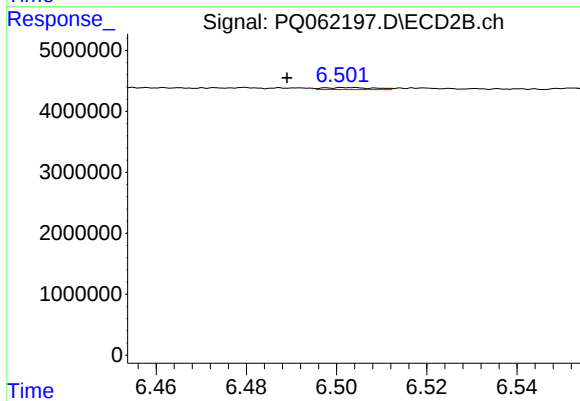
#37 AR-1262-2

R.T.: 5.940 min
Delta R.T.: -0.025 min
Response: 262732
Conc: 1.22 ng/ml



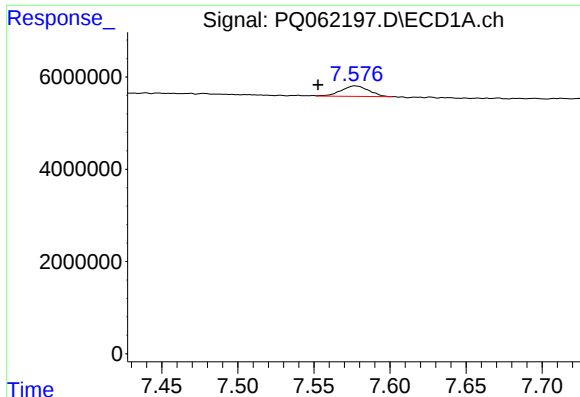
#38 AR-1262-3

R.T.: 7.478 min
Delta R.T.: -0.001 min
Response: 363905
Conc: 1.03 ng/ml



#38 AR-1262-3

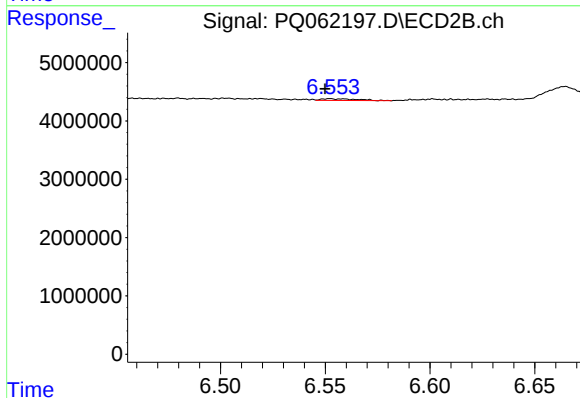
R.T.: 6.503 min
Delta R.T.: 0.014 min
Response: 255329
Conc: 1.46 ng/ml



#39 AR-1262-4

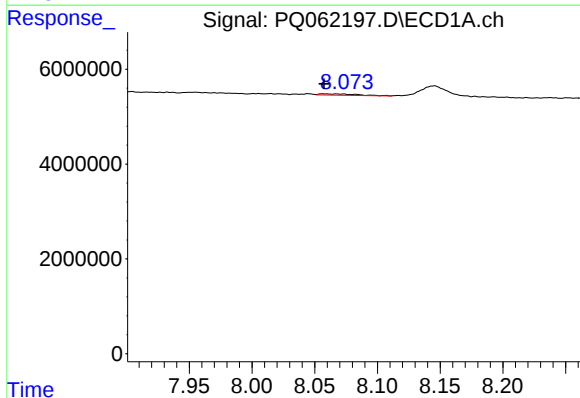
R.T.: 7.577 min
Delta R.T.: 0.024 min
Response: 2809616
Conc: 10.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



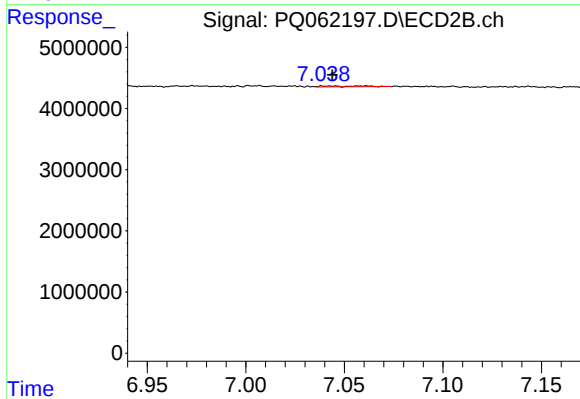
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 332155
Conc: 1.03 ng/ml



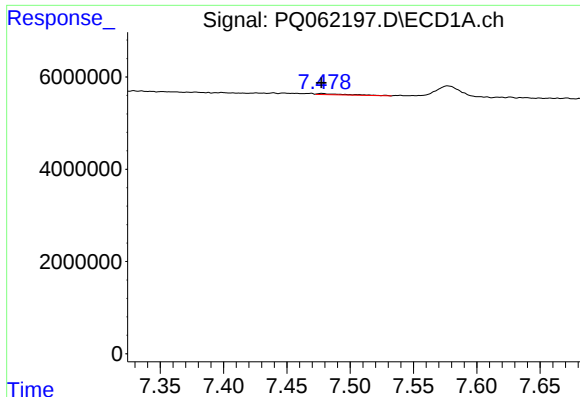
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 571784
Conc: 3.22 ng/ml



#40 AR-1262-5

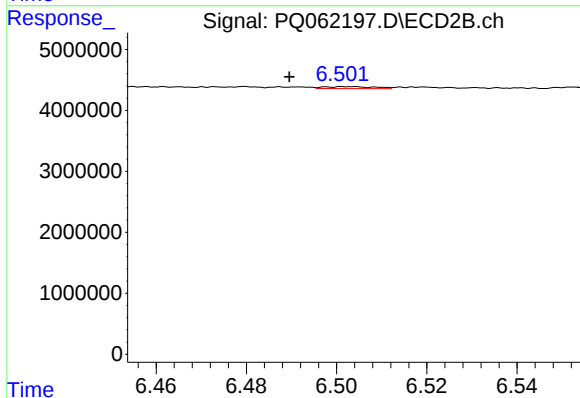
R.T.: 7.061 min
Delta R.T.: 0.017 min
Response: 183798
Conc: 1.18 ng/ml



#41 AR-1268-1

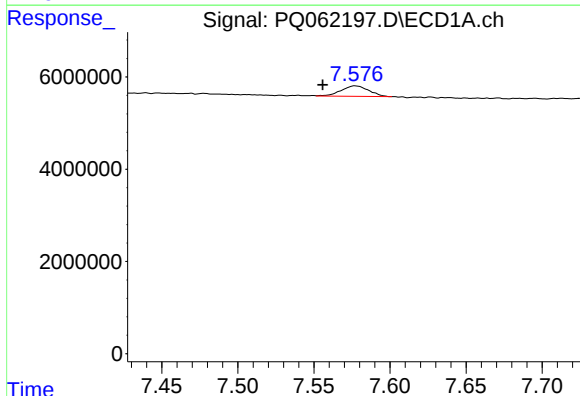
R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 363905
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



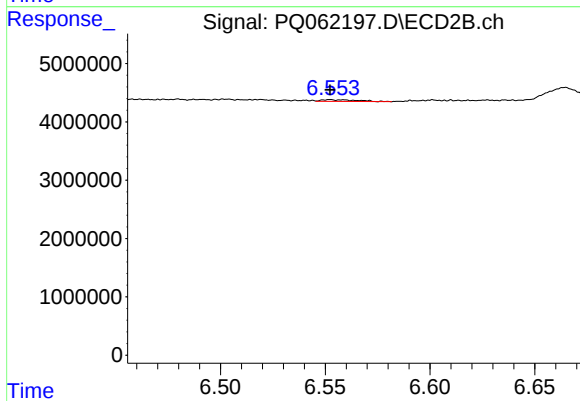
#41 AR-1268-1

R.T.: 6.503 min
Delta R.T.: 0.013 min
Response: 255329
Conc: 0.54 ng/ml



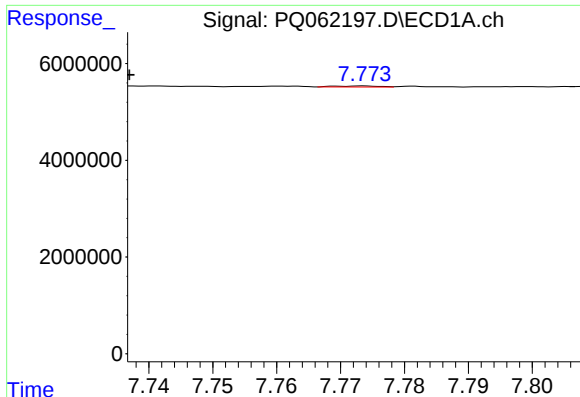
#42 AR-1268-2

R.T.: 7.577 min
Delta R.T.: 0.021 min
Response: 2809616
Conc: 5.51 ng/ml



#42 AR-1268-2

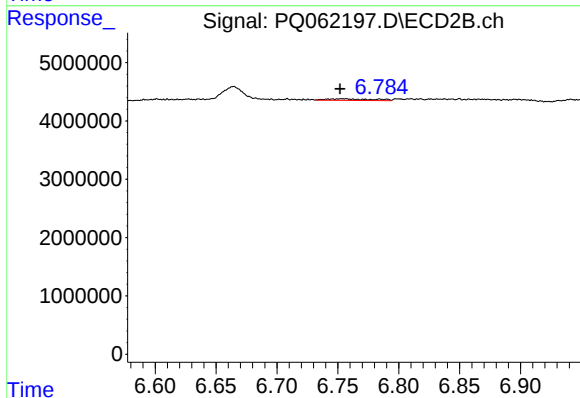
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 332155
Conc: 0.78 ng/ml



#43 AR-1268-3

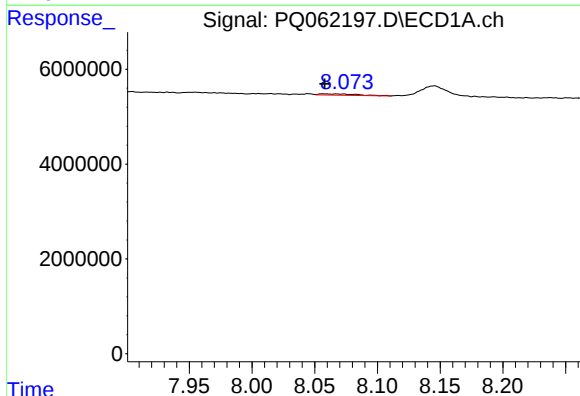
R.T.: 7.774 min
Delta R.T.: 0.037 min
Response: 102708
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



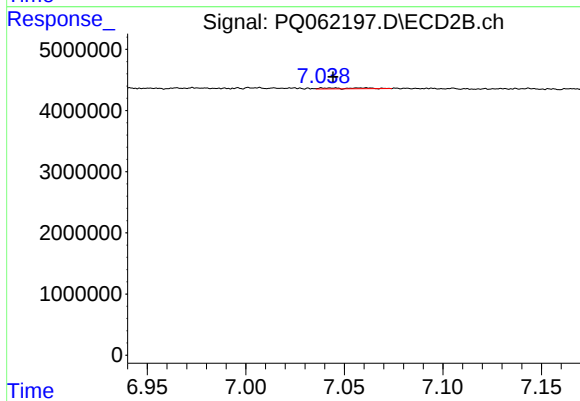
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 697676
Conc: 1.89 ng/ml



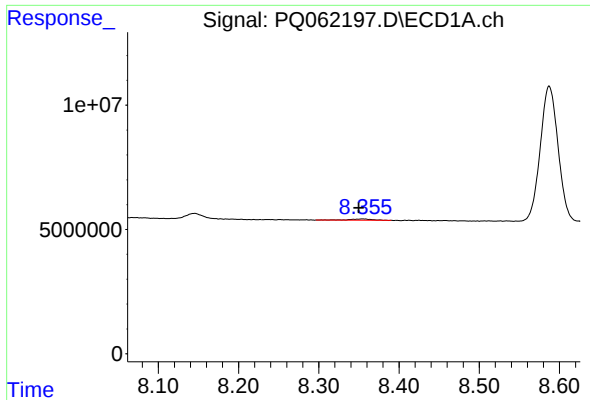
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 571784
Conc: 3.12 ng/ml



#44 AR-1268-4

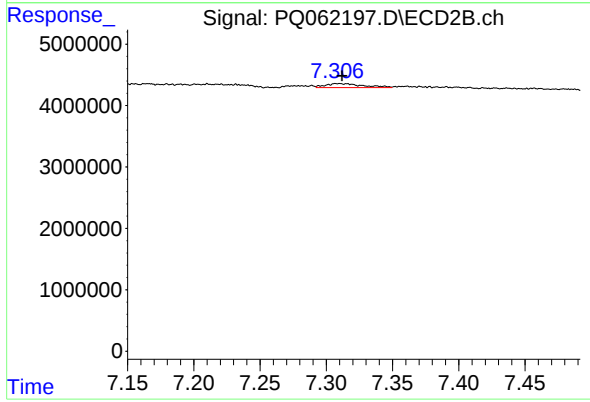
R.T.: 7.061 min
Delta R.T.: 0.016 min
Response: 183798
Conc: 1.15 ng/ml



#45 AR-1268-5

R.T.: 8.355 min
Delta R.T.: 0.005 min
Response: 931539
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 1287649
Conc: 1.10 ng/ml