

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
 Data File : PQ063477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 13:38
 Operator : YP\AJ
 Sample : 04624-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 22:27:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 26 06:41:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.462	2.781	98704514	80690817	18.813	19.967
2)	SA Decachlor...	8.694	7.581	97401877	87732475	26.362	23.728
Target Compounds							
3)	L1 AR-1016-1	4.603	3.806	19597553	2343459	118.652	17.629 #
4)	L1 AR-1016-2	4.603	3.806	19597553	2343459	77.784	12.216 #
5)	L1 AR-1016-3	4.660	4.021f	18195244	1512806	116.126	14.412 #
6)	L1 AR-1016-4	4.752	4.021	7845242	1512806	61.208	17.099 #
7)	L1 AR-1016-5	5.035	4.165f	4228560	546995	33.541	5.093 #
8)	L2 AR-1221-1	3.648	3.051f	1115134	1025762	17.788	21.185
9)	L2 AR-1221-2	3.744	3.051	1752029	1025762	42.442	30.781 #
10)	L2 AR-1221-3	3.799	0.000	483637	0	3.526	N.D. #
11)	L3 AR-1232-1	3.799	0.000	483637	0	4.345	N.D. #
12)	L3 AR-1232-2	4.304	3.806	476180	2343459	8.057	26.950 #
13)	L3 AR-1232-3	4.603	4.021f	19597553	1512806	172.028	32.958 #
14)	L3 AR-1232-4	4.752	4.021	7845242	1512806	135.700	38.678 #
15)	L3 AR-1232-5	4.846	4.165f	6855884	546995	169.359	12.117 #
16)	L4 AR-1242-1	4.603	3.806	19597553	2343459	140.735	20.803 #
17)	L4 AR-1242-2	4.603	3.806	19597553	2343459	91.421	14.431 #
18)	L4 AR-1242-3	4.660	4.021f	18195244	1512806	136.866	17.258 #
19)	L4 AR-1242-4	4.752	4.021	7845242	1512806	71.943	18.459 #
20)	L4 AR-1242-5	5.475	4.553	16027248	1265862	138.185	11.882 #
21)	L5 AR-1248-1	4.603	3.806	19597553	2343459	183.622	27.073 #
22)	L5 AR-1248-2	4.846	4.021	6855884	1512806	44.786	11.748 #
23)	L5 AR-1248-3	5.035	4.021	4228560	1512806	23.013	12.210 #
24)	L5 AR-1248-4	5.398f	4.165f	17889768	546995	88.038	3.605 #
25)	L5 AR-1248-5	5.475	4.590	16027248	1444774	79.921	9.519 #
26)	L6 AR-1254-1	5.398	4.553	17889768	1265862	89.402	5.737 #
27)	L6 AR-1254-2	5.622	4.747f	9865623	1631415	31.510	8.409 #
28)	L6 AR-1254-3	5.983	5.094	398179	4810259	1.227	15.768 #
29)	L6 AR-1254-4	6.317f	5.360f	1345763	1615744	5.723	8.289 #
30)	L6 AR-1254-5	6.680	0.000	291426	0	1.126	N.D. #
31)	L7 AR-1260-1	6.203f	5.220	576427	1558835	2.330	7.287 #
32)	L7 AR-1260-2	6.401	5.360f	851908	1615744	2.855	6.369 #
33)	L7 AR-1260-3	6.814f	5.487f	5341258	954558	24.430	3.942 #
34)	L7 AR-1260-4	6.999	6.007	12299506	9702891	50.016	47.884
35)	L7 AR-1260-5	7.334f	6.253	6585234	8089133	13.823	17.439 #
36)	L8 AR-1262-1	6.814f	0.000	5341258	0	16.176	N.D. #
37)	L8 AR-1262-2	7.334f	6.253	6585234	8089133	12.083	15.612 #
38)	L8 AR-1262-3	7.514f	6.553	2611015	2280840	7.226	10.630 #
39)	L8 AR-1262-4	7.650	6.631	991483	969367	3.619	2.479 #
40)	L8 AR-1262-5	8.162	7.064	1223223	2731270	6.610	14.676 #
41)	L9 AR-1268-1	7.514f	6.553	2611015	2280840	4.145	3.781

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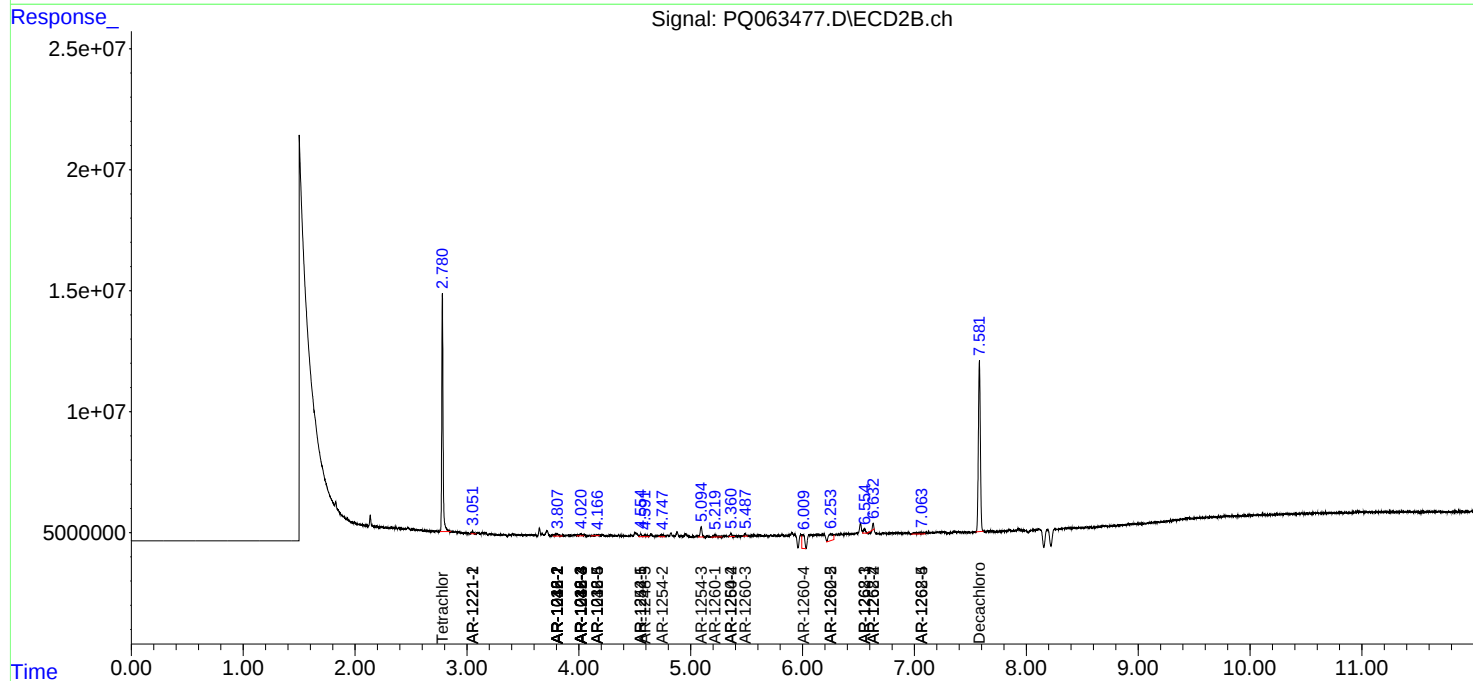
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

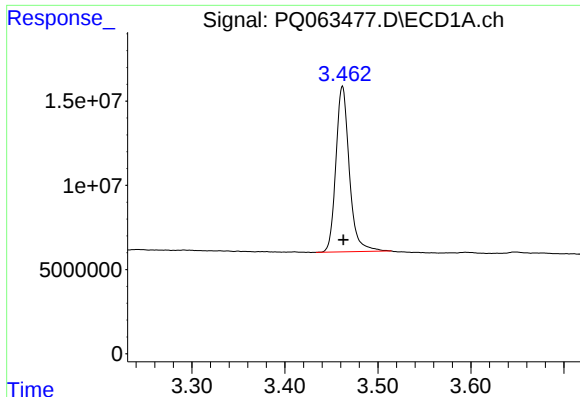
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.650	6.631	991483	969367	1.752	1.787
44) L9	AR-1268-4	8.162	7.064	1223223	2731270	6.036	13.406 #
45) L9	AR-1268-5	8.450	0.000	1131085	0	0.788	N.D. #

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

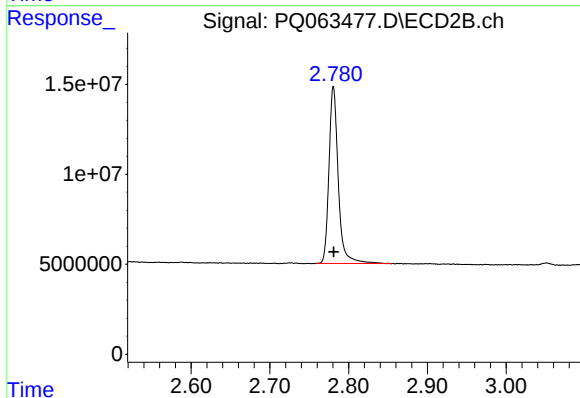




#1 Tetrachloro-m-xylene

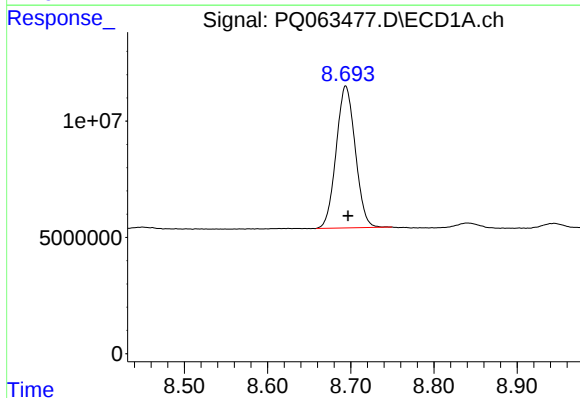
R.T.: 3.462 min
Delta R.T.: -0.001 min
Response: 98704514
Conc: 18.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



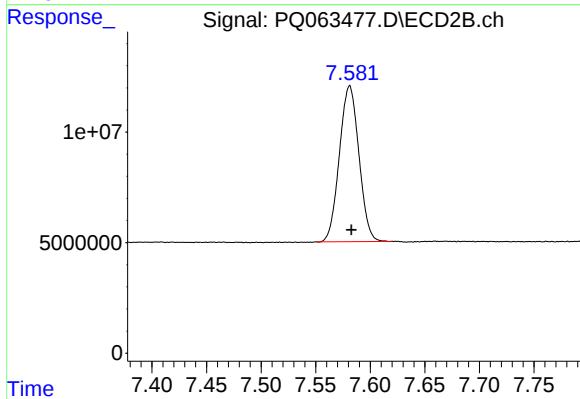
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 80690817
Conc: 19.97 ng/ml



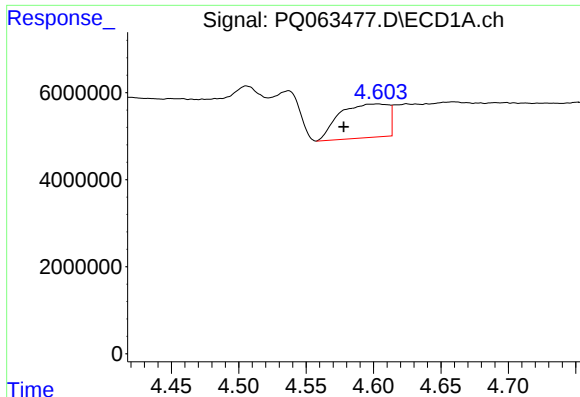
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: -0.003 min
Response: 97401877
Conc: 26.36 ng/ml



#2 Decachlorobiphenyl

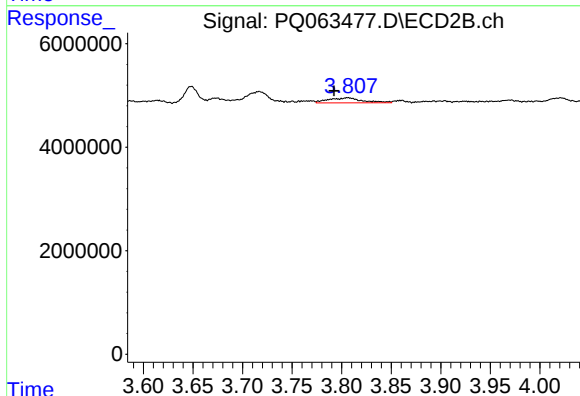
R.T.: 7.581 min
Delta R.T.: -0.002 min
Response: 87732475
Conc: 23.73 ng/ml



#3 AR-1016-1

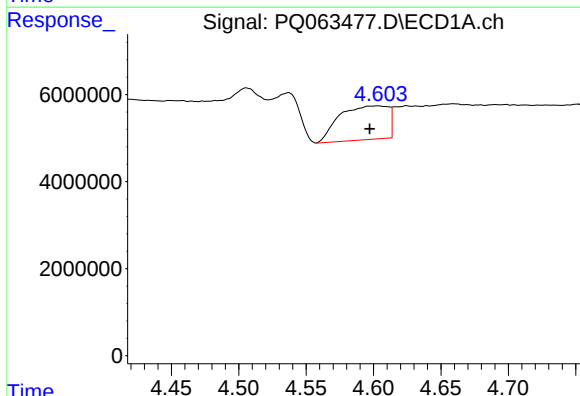
R.T.: 4.603 min
Delta R.T.: 0.025 min
Response: 19597553
Conc: 118.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



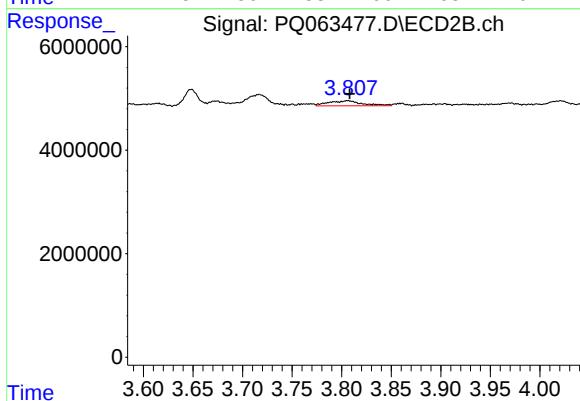
#3 AR-1016-1

R.T.: 3.806 min
Delta R.T.: 0.014 min
Response: 2343459
Conc: 17.63 ng/ml



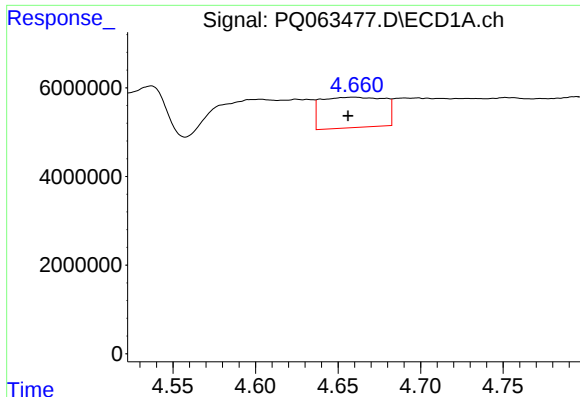
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: 0.006 min
Response: 19597553
Conc: 77.78 ng/ml



#4 AR-1016-2

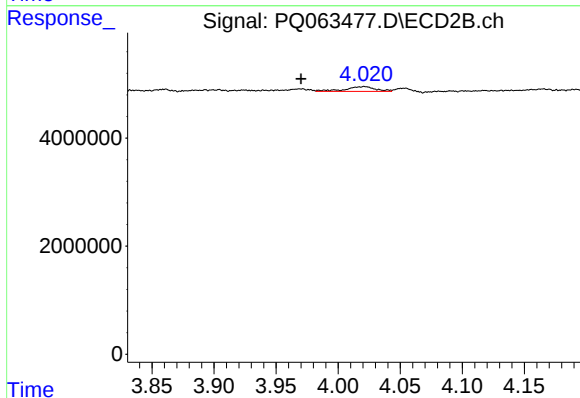
R.T.: 3.806 min
Delta R.T.: -0.002 min
Response: 2343459
Conc: 12.22 ng/ml



#5 AR-1016-3

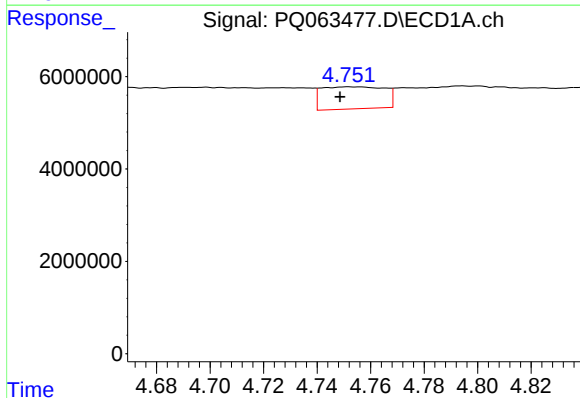
R.T.: 4.660 min
Delta R.T.: 0.004 min
Response: 18195244
Conc: 116.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



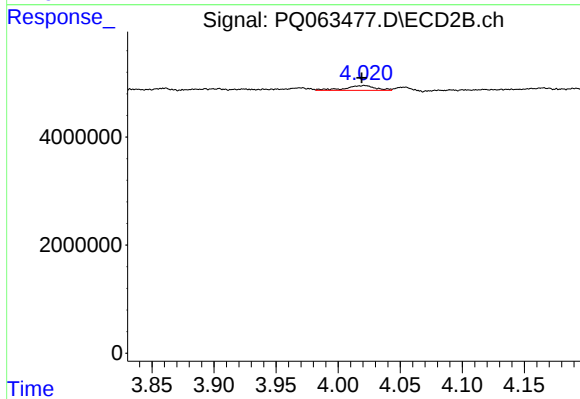
#5 AR-1016-3

R.T.: 4.021 min
Delta R.T.: 0.051 min
Response: 1512806
Conc: 14.41 ng/ml



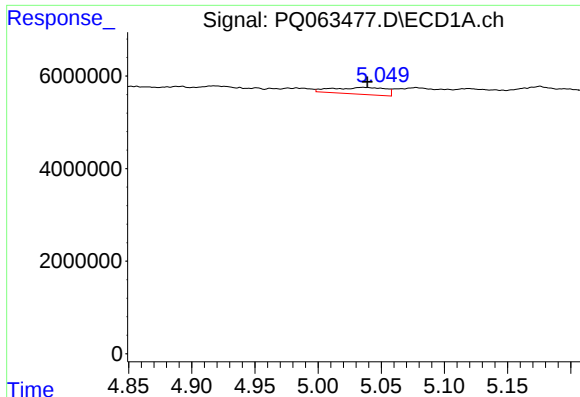
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 7845242
Conc: 61.21 ng/ml



#6 AR-1016-4

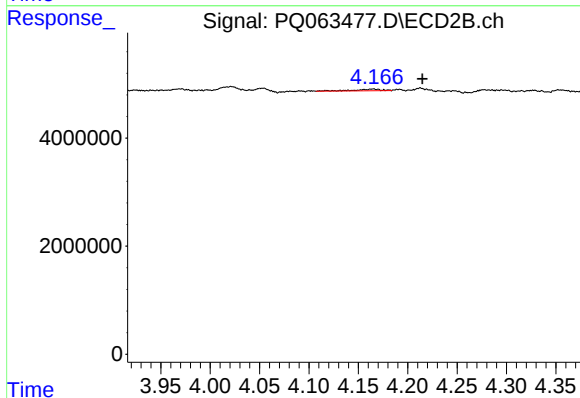
R.T.: 4.021 min
Delta R.T.: 0.002 min
Response: 1512806
Conc: 17.10 ng/ml



#7 AR-1016-5

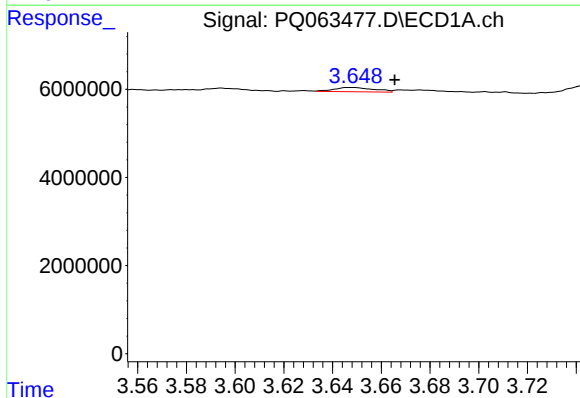
R.T.: 5.035 min
Delta R.T.: -0.004 min
Response: 4228560
Conc: 33.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



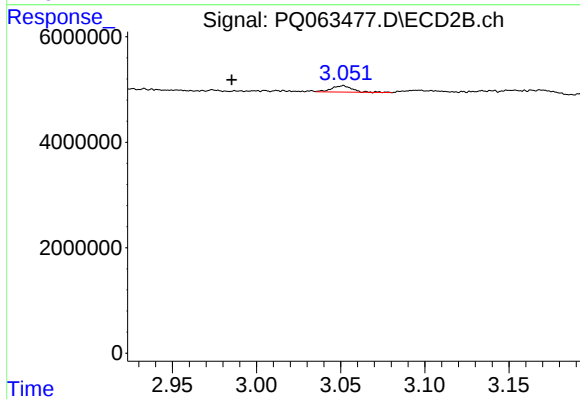
#7 AR-1016-5

R.T.: 4.165 min
Delta R.T.: -0.050 min
Response: 546995
Conc: 5.09 ng/ml



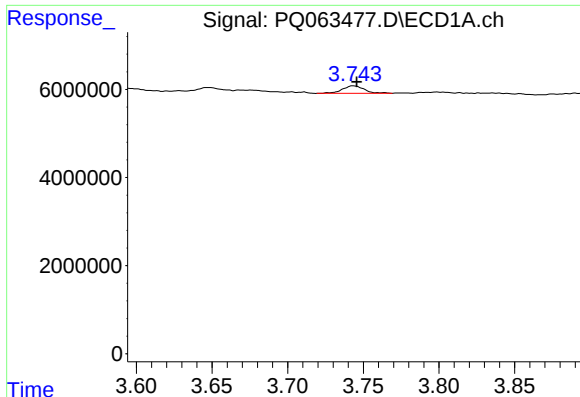
#8 AR-1221-1

R.T.: 3.648 min
Delta R.T.: -0.018 min
Response: 1115134
Conc: 17.79 ng/ml



#8 AR-1221-1

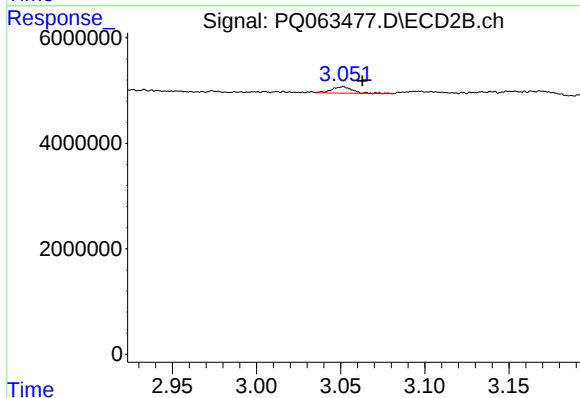
R.T.: 3.051 min
Delta R.T.: 0.066 min
Response: 1025762
Conc: 21.18 ng/ml



#9 AR-1221-2

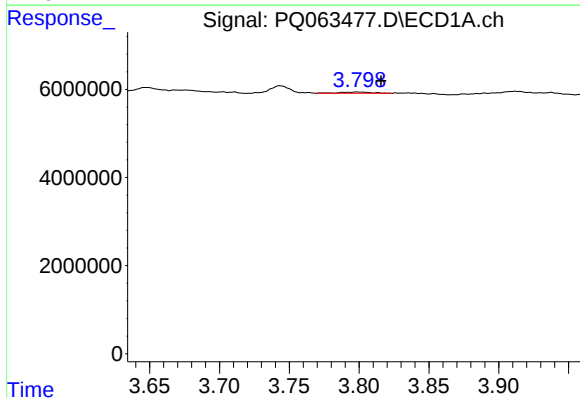
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1752029
Conc: 42.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



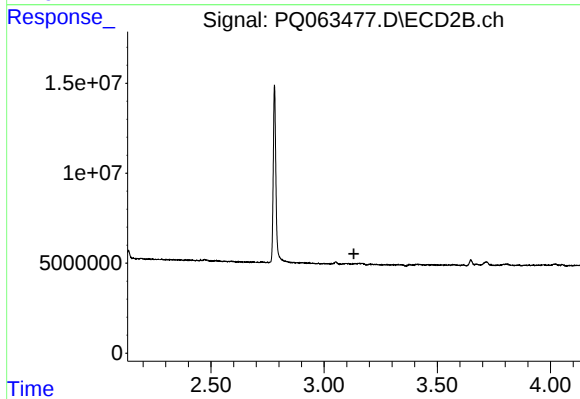
#9 AR-1221-2

R.T.: 3.051 min
Delta R.T.: -0.011 min
Response: 1025762
Conc: 30.78 ng/ml



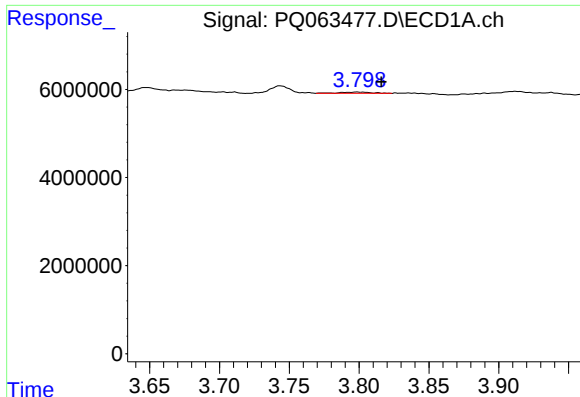
#10 AR-1221-3

R.T.: 3.799 min
Delta R.T.: -0.017 min
Response: 483637
Conc: 3.53 ng/ml



#10 AR-1221-3

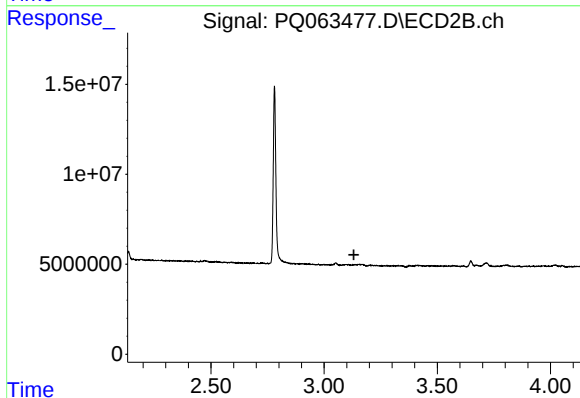
R.T.: 0.000 min
Exp R.T. : 3.131 min
Response: 0
Conc: N.D.



#11 AR-1232-1

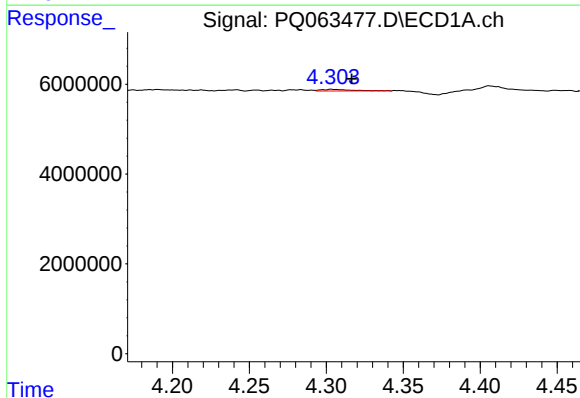
R.T.: 3.799 min
Delta R.T.: -0.017 min
Response: 483637
Conc: 4.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



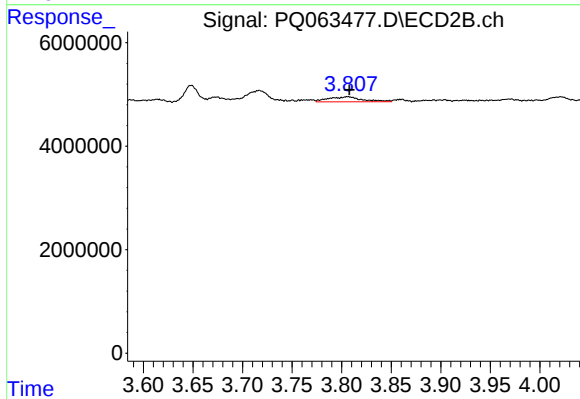
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.132 min
Response: 0
Conc: N.D.



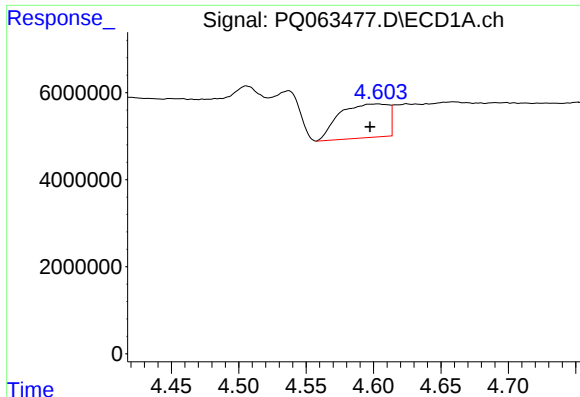
#12 AR-1232-2

R.T.: 4.304 min
Delta R.T.: -0.013 min
Response: 476180
Conc: 8.06 ng/ml



#12 AR-1232-2

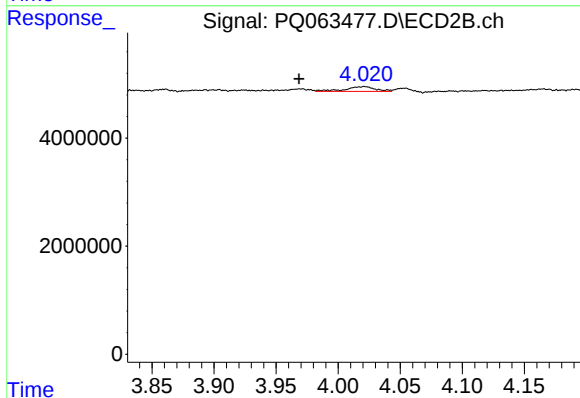
R.T.: 3.806 min
Delta R.T.: -0.001 min
Response: 2343459
Conc: 26.95 ng/ml



#13 AR-1232-3

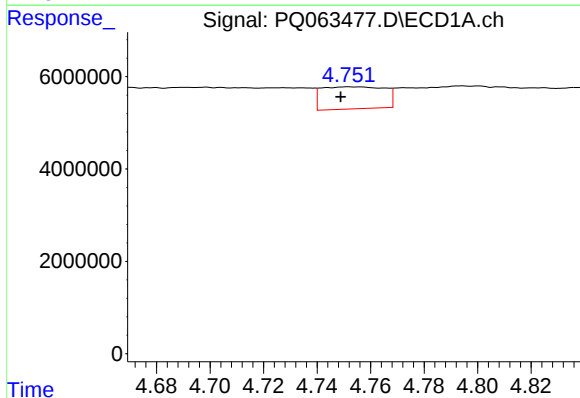
R.T.: 4.603 min
Delta R.T.: 0.006 min
Response: 19597553
Conc: 172.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



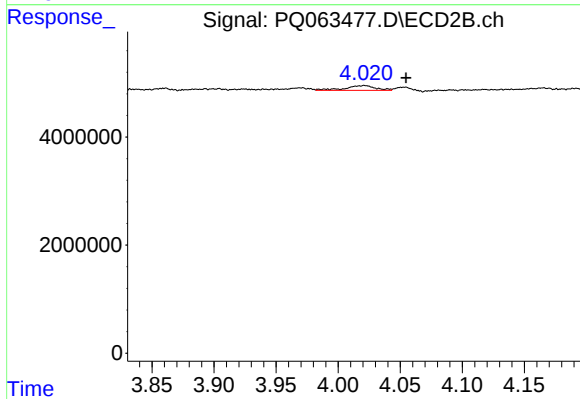
#13 AR-1232-3

R.T.: 4.021 min
Delta R.T.: 0.053 min
Response: 1512806
Conc: 32.96 ng/ml



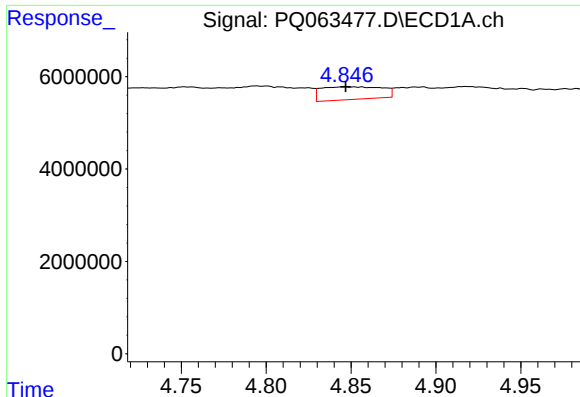
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 7845242
Conc: 135.70 ng/ml



#14 AR-1232-4

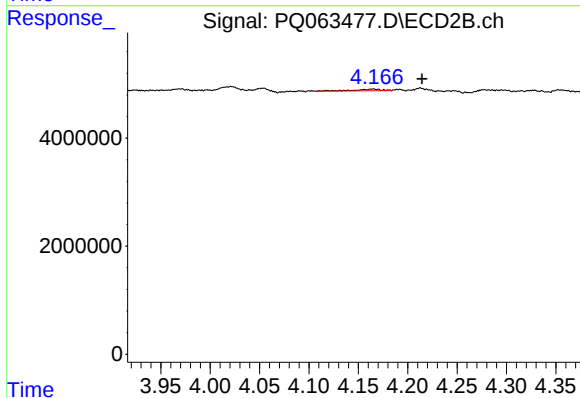
R.T.: 4.021 min
Delta R.T.: -0.033 min
Response: 1512806
Conc: 38.68 ng/ml



#15 AR-1232-5

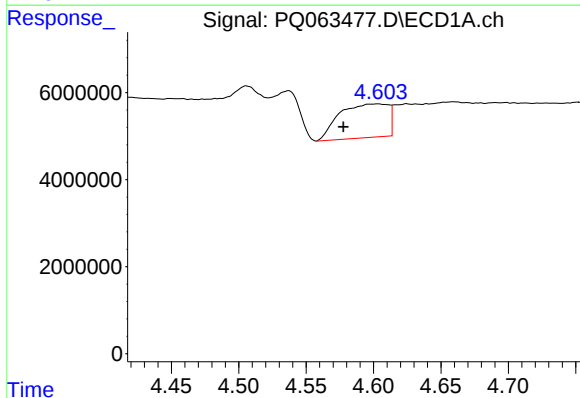
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 6855884
Conc: 169.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



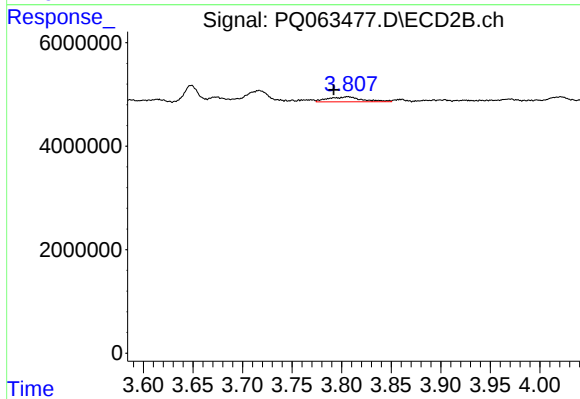
#15 AR-1232-5

R.T.: 4.165 min
Delta R.T.: -0.050 min
Response: 546995
Conc: 12.12 ng/ml



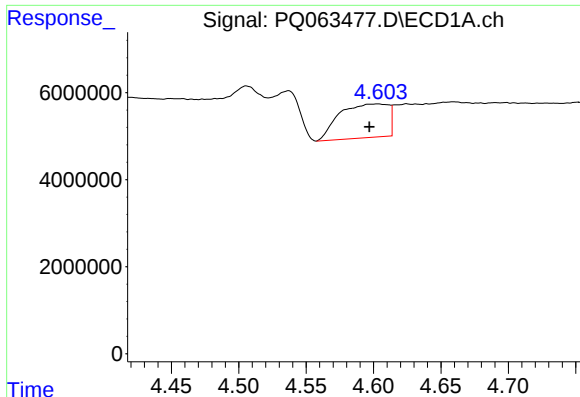
#16 AR-1242-1

R.T.: 4.603 min
Delta R.T.: 0.026 min
Response: 19597553
Conc: 140.74 ng/ml



#16 AR-1242-1

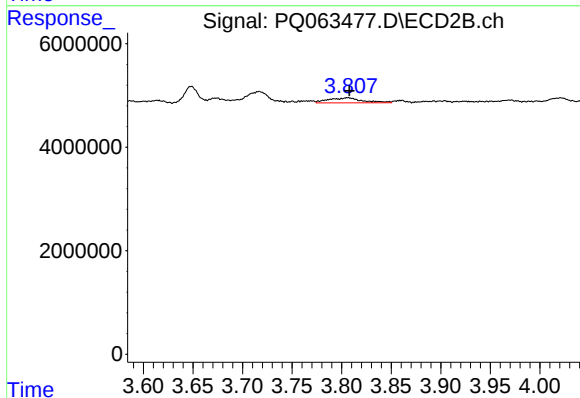
R.T.: 3.806 min
Delta R.T.: 0.014 min
Response: 2343459
Conc: 20.80 ng/ml



#17 AR-1242-2

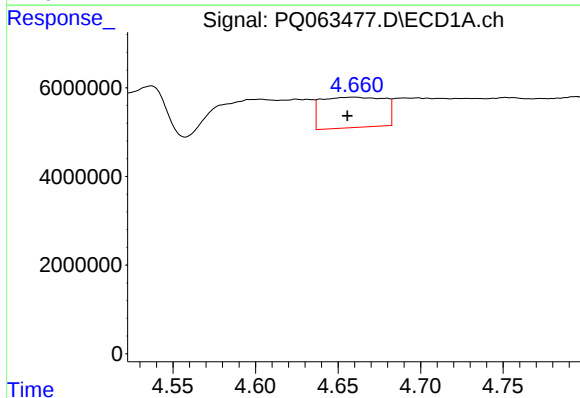
R.T.: 4.603 min
Delta R.T.: 0.006 min
Response: 19597553
Conc: 91.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



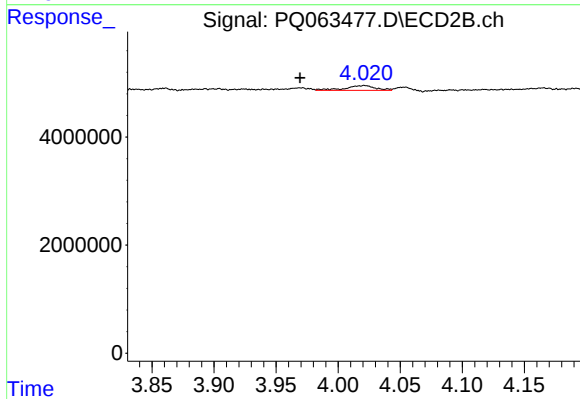
#17 AR-1242-2

R.T.: 3.806 min
Delta R.T.: -0.002 min
Response: 2343459
Conc: 14.43 ng/ml



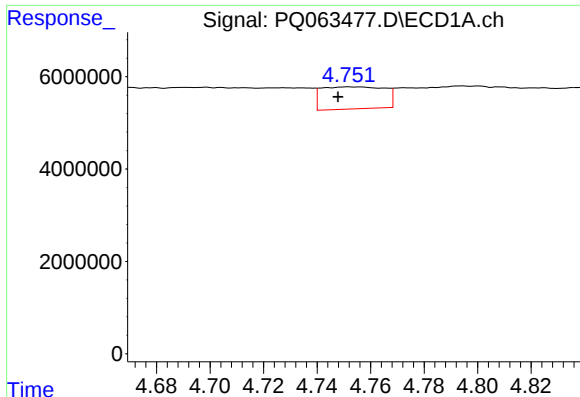
#18 AR-1242-3

R.T.: 4.660 min
Delta R.T.: 0.004 min
Response: 18195244
Conc: 136.87 ng/ml



#18 AR-1242-3

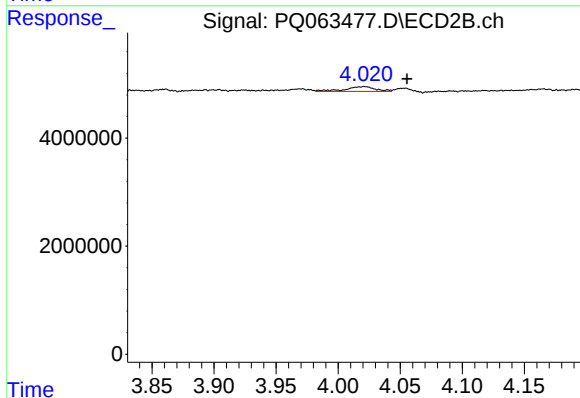
R.T.: 4.021 min
Delta R.T.: 0.052 min
Response: 1512806
Conc: 17.26 ng/ml



#19 AR-1242-4

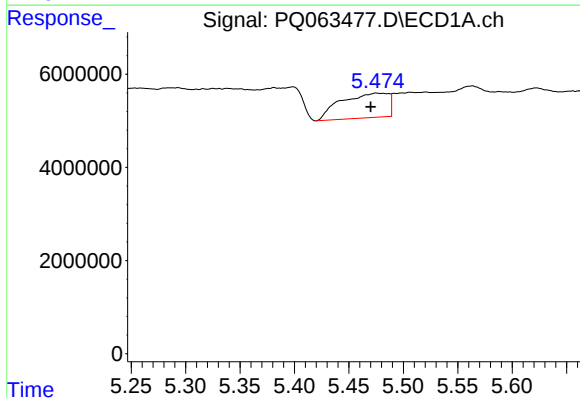
R.T.: 4.752 min
Delta R.T.: 0.004 min
Response: 7845242
Conc: 71.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



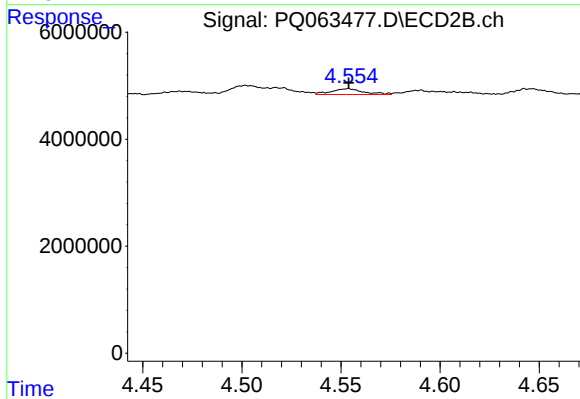
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: -0.034 min
Response: 1512806
Conc: 18.46 ng/ml



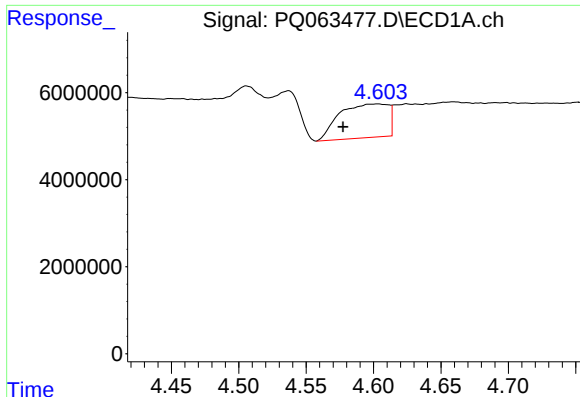
#20 AR-1242-5

R.T.: 5.475 min
Delta R.T.: 0.005 min
Response: 16027248
Conc: 138.18 ng/ml



#20 AR-1242-5

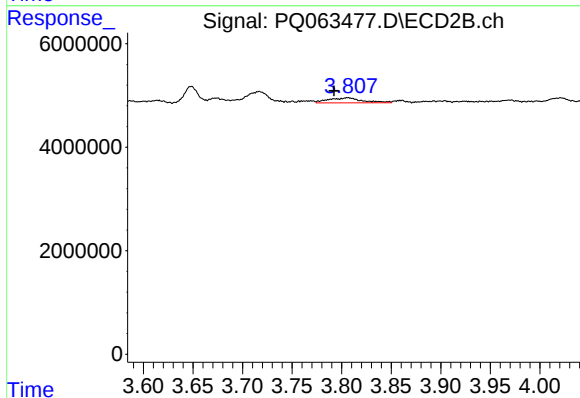
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1265862
Conc: 11.88 ng/ml



#21 AR-1248-1

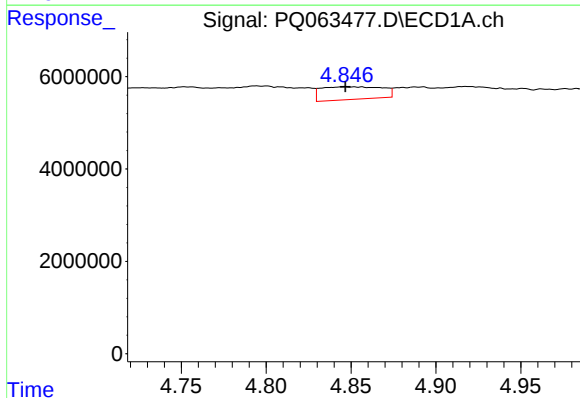
R.T.: 4.603 min
Delta R.T.: 0.026 min
Response: 19597553
Conc: 183.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



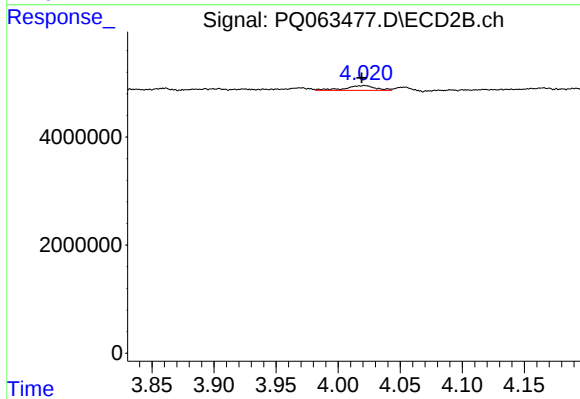
#21 AR-1248-1

R.T.: 3.806 min
Delta R.T.: 0.014 min
Response: 2343459
Conc: 27.07 ng/ml



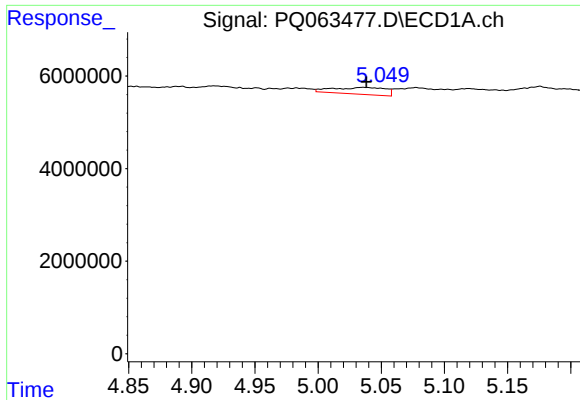
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 6855884
Conc: 44.79 ng/ml



#22 AR-1248-2

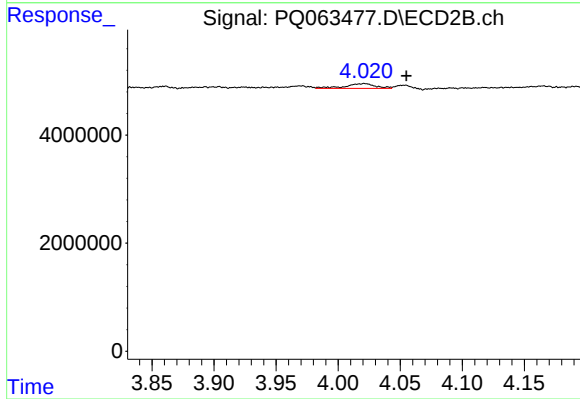
R.T.: 4.021 min
Delta R.T.: 0.002 min
Response: 1512806
Conc: 11.75 ng/ml



#23 AR-1248-3

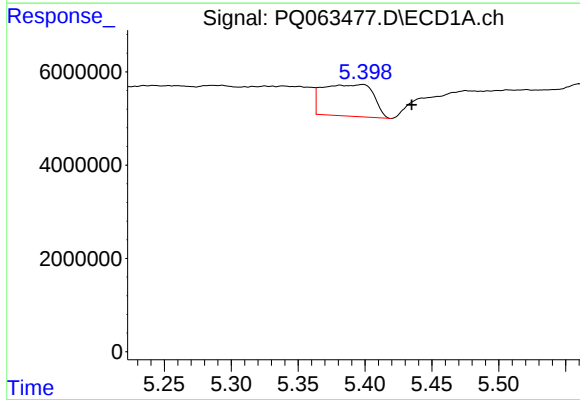
R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 4228560
Conc: 23.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



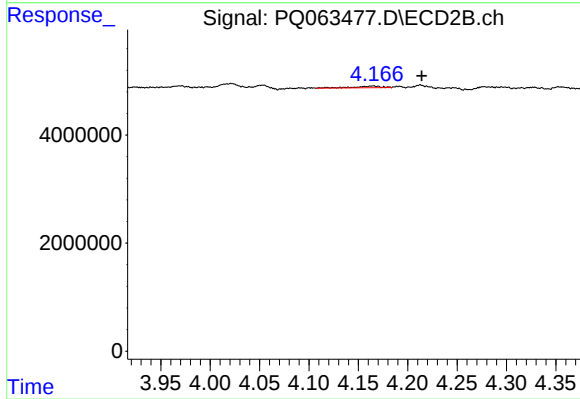
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: -0.034 min
Response: 1512806
Conc: 12.21 ng/ml



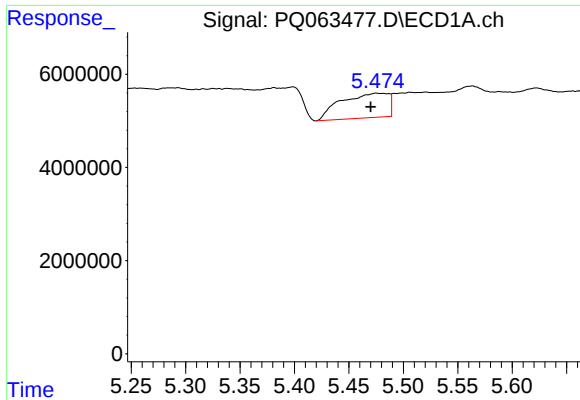
#24 AR-1248-4

R.T.: 5.398 min
Delta R.T.: -0.037 min
Response: 17889768
Conc: 88.04 ng/ml



#24 AR-1248-4

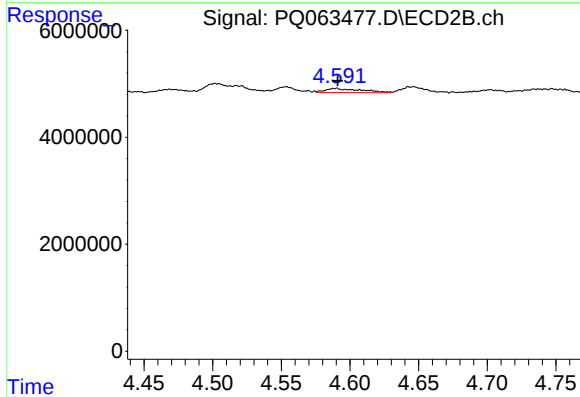
R.T.: 4.165 min
Delta R.T.: -0.049 min
Response: 546995
Conc: 3.60 ng/ml



#25 AR-1248-5

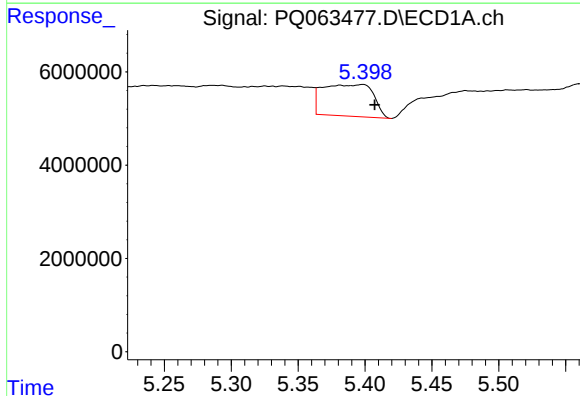
R.T.: 5.475 min
Delta R.T.: 0.005 min
Response: 16027248
Conc: 79.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



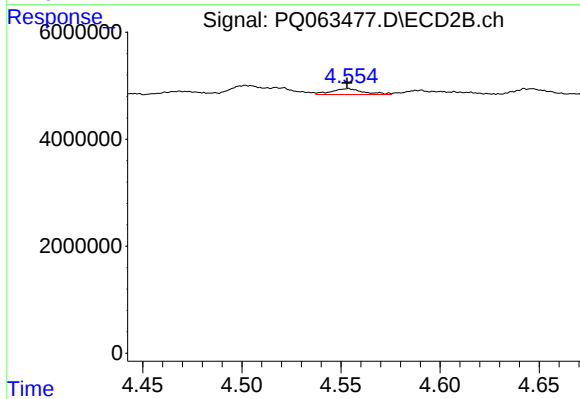
#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 1444774
Conc: 9.52 ng/ml



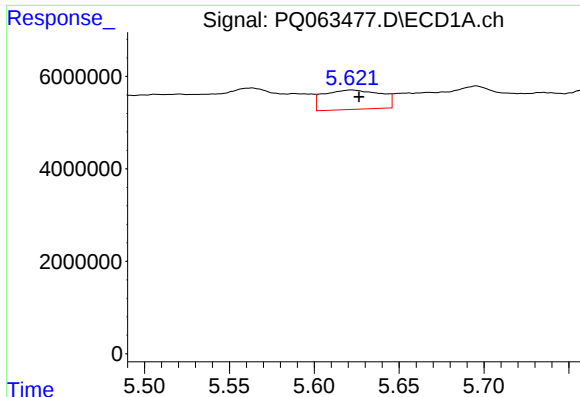
#26 AR-1254-1

R.T.: 5.398 min
Delta R.T.: -0.009 min
Response: 17889768
Conc: 89.40 ng/ml



#26 AR-1254-1

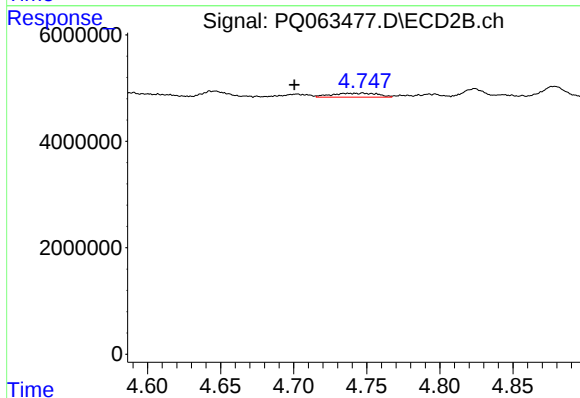
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1265862
Conc: 5.74 ng/ml



#27 AR-1254-2

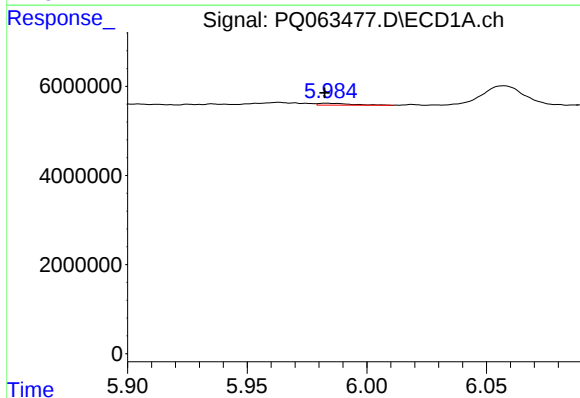
R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 9865623
Conc: 31.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



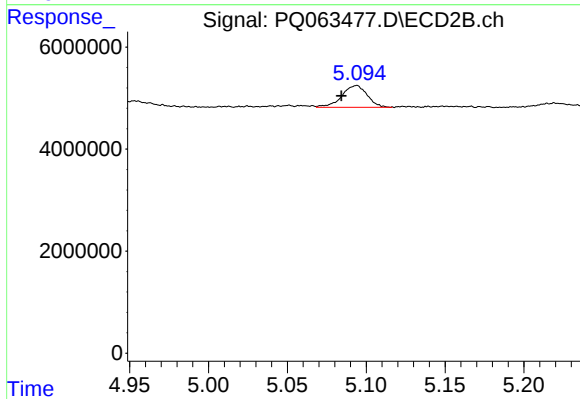
#27 AR-1254-2

R.T.: 4.747 min
Delta R.T.: 0.047 min
Response: 1631415
Conc: 8.41 ng/ml



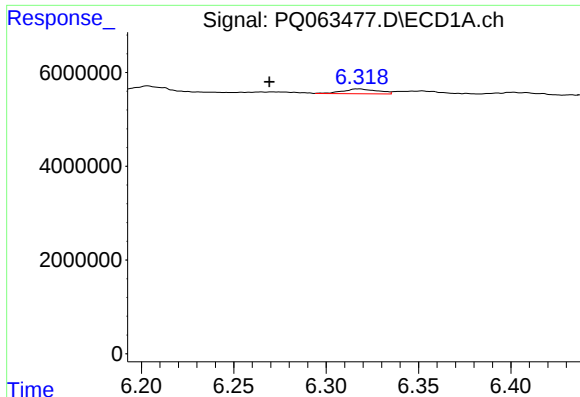
#28 AR-1254-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 398179
Conc: 1.23 ng/ml



#28 AR-1254-3

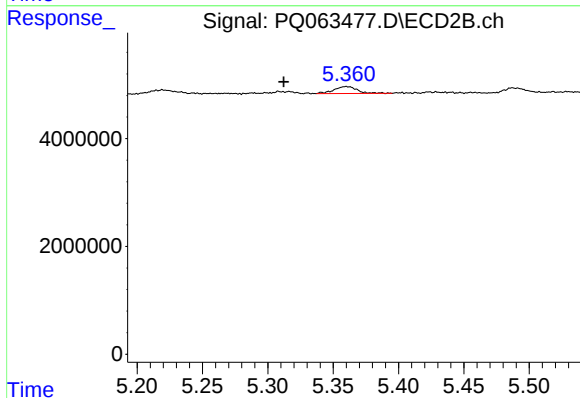
R.T.: 5.094 min
Delta R.T.: 0.009 min
Response: 4810259
Conc: 15.77 ng/ml



#29 AR-1254-4

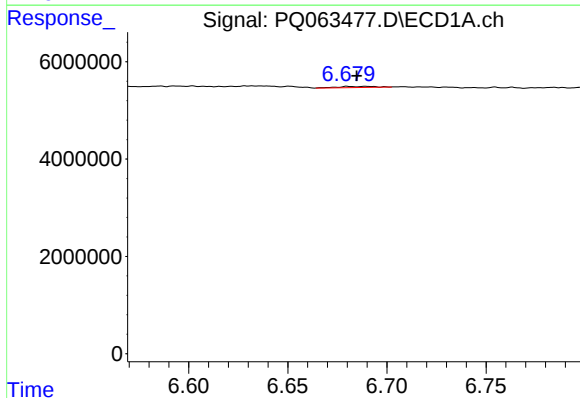
R.T.: 6.317 min
Delta R.T.: 0.048 min
Response: 1345763
Conc: 5.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



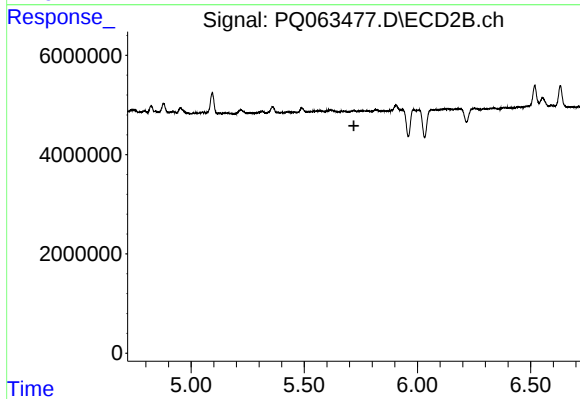
#29 AR-1254-4

R.T.: 5.360 min
Delta R.T.: 0.048 min
Response: 1615744
Conc: 8.29 ng/ml



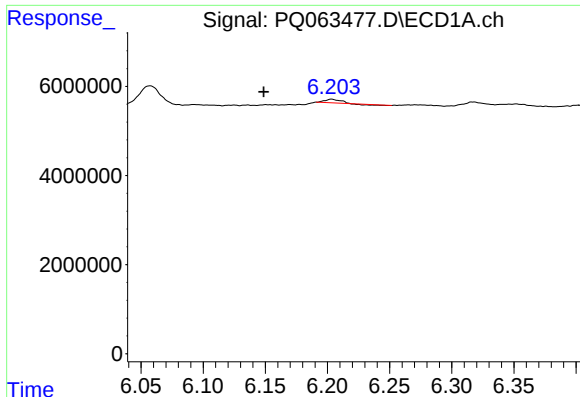
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 291426
Conc: 1.13 ng/ml



#30 AR-1254-5

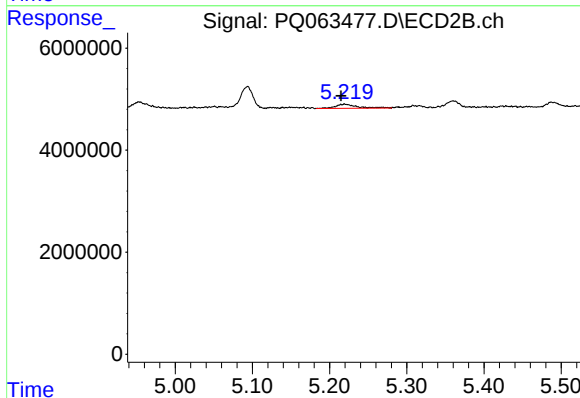
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.



#31 AR-1260-1

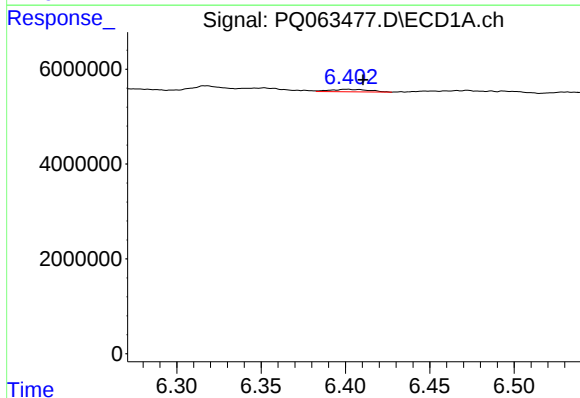
R.T.: 6.203 min
Delta R.T.: 0.055 min
Response: 576427
Conc: 2.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



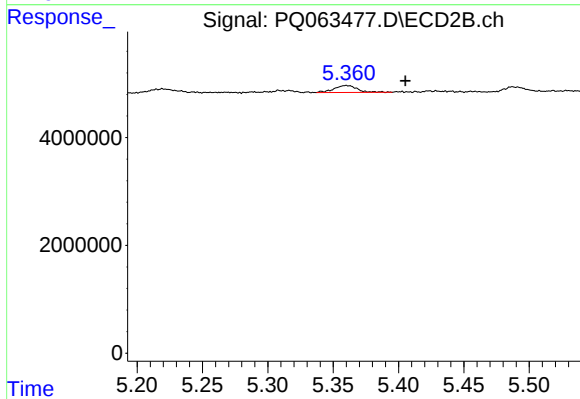
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: 0.004 min
Response: 1558835
Conc: 7.29 ng/ml



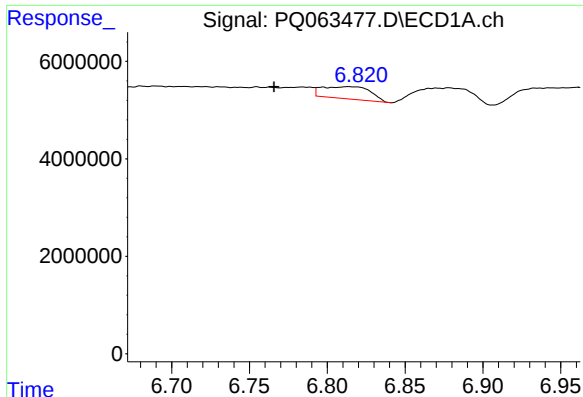
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: -0.009 min
Response: 851908
Conc: 2.86 ng/ml



#32 AR-1260-2

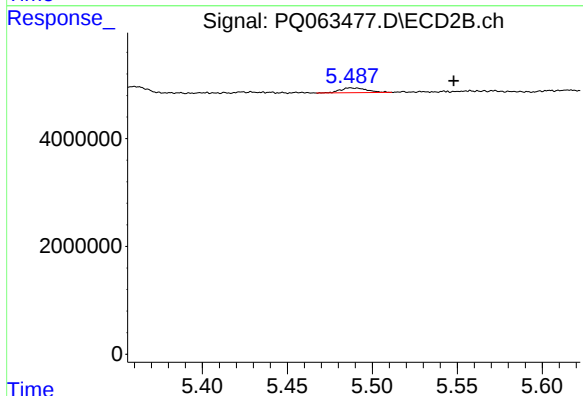
R.T.: 5.360 min
Delta R.T.: -0.045 min
Response: 1615744
Conc: 6.37 ng/ml



#33 AR-1260-3

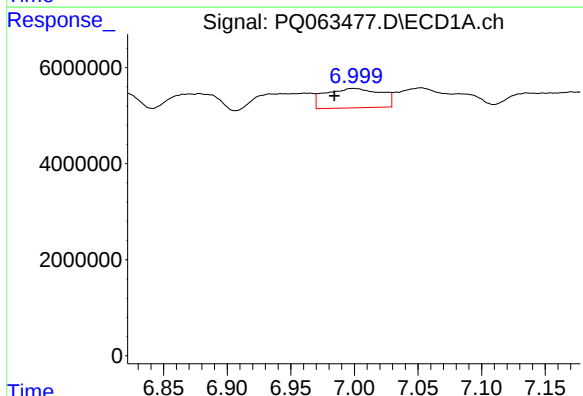
R.T.: 6.814 min
Delta R.T.: 0.048 min
Response: 5341258
Conc: 24.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



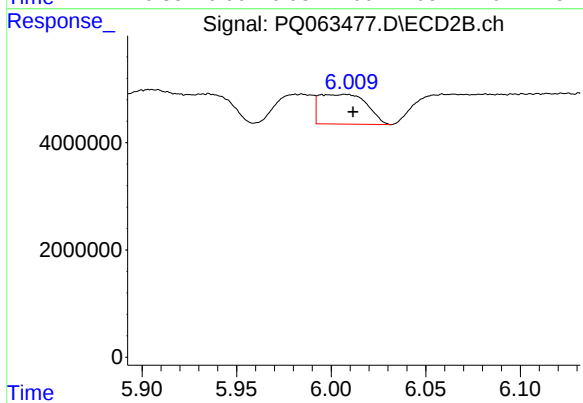
#33 AR-1260-3

R.T.: 5.487 min
Delta R.T.: -0.061 min
Response: 954558
Conc: 3.94 ng/ml



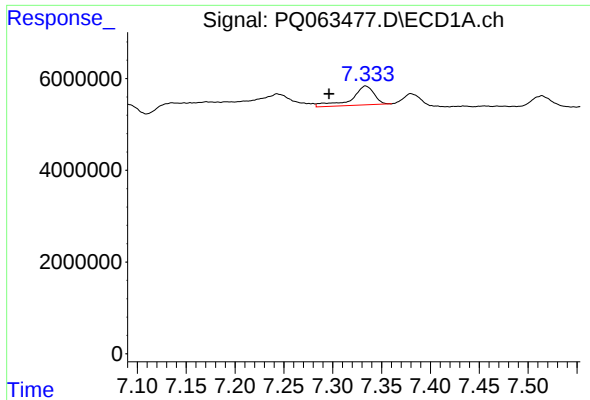
#34 AR-1260-4

R.T.: 6.999 min
Delta R.T.: 0.015 min
Response: 12299506
Conc: 50.02 ng/ml



#34 AR-1260-4

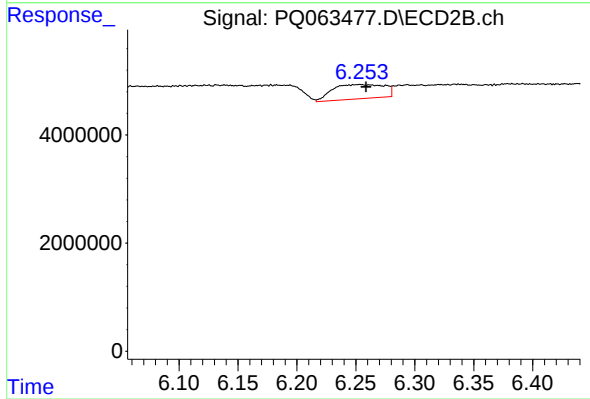
R.T.: 6.007 min
Delta R.T.: -0.004 min
Response: 9702891
Conc: 47.88 ng/ml



#35 AR-1260-5

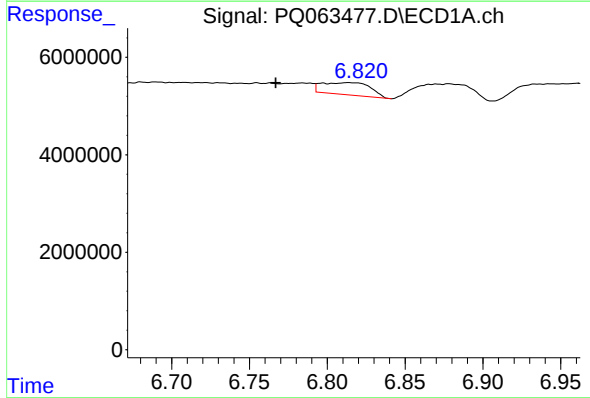
R.T.: 7.334 min
Delta R.T.: 0.037 min
Response: 6585234
Conc: 13.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



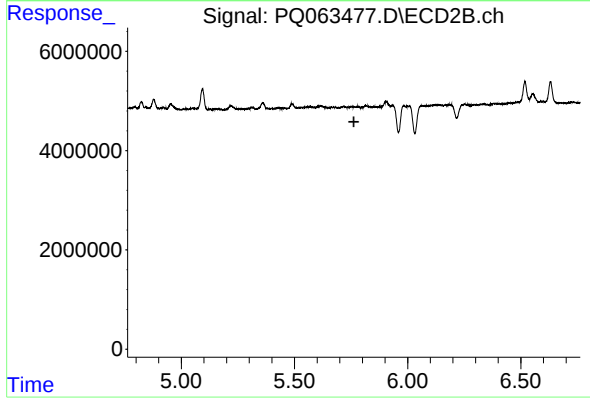
#35 AR-1260-5

R.T.: 6.253 min
Delta R.T.: -0.005 min
Response: 8089133
Conc: 17.44 ng/ml



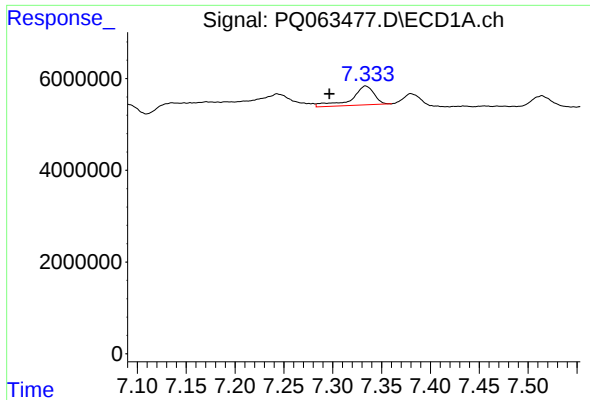
#36 AR-1262-1

R.T.: 6.814 min
Delta R.T.: 0.047 min
Response: 5341258
Conc: 16.18 ng/ml



#36 AR-1262-1

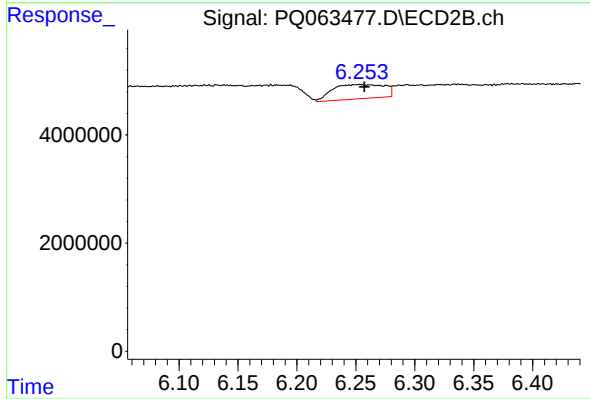
R.T.: 0.000 min
Exp R.T.: 5.763 min
Response: 0
Conc: N.D.



#37 AR-1262-2

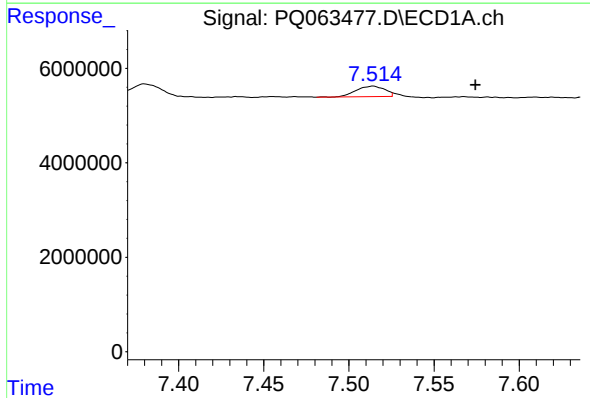
R.T.: 7.334 min
Delta R.T.: 0.037 min
Response: 6585234
Conc: 12.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



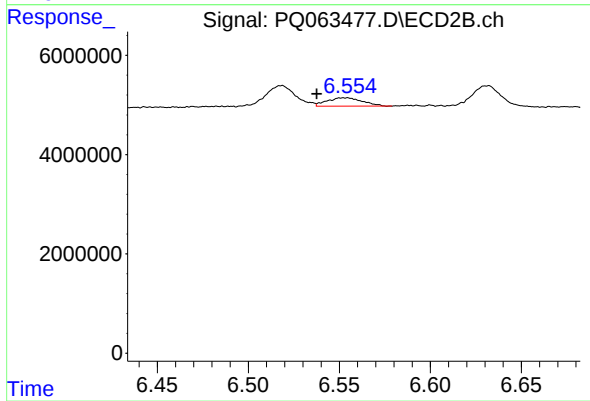
#37 AR-1262-2

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 8089133
Conc: 15.61 ng/ml



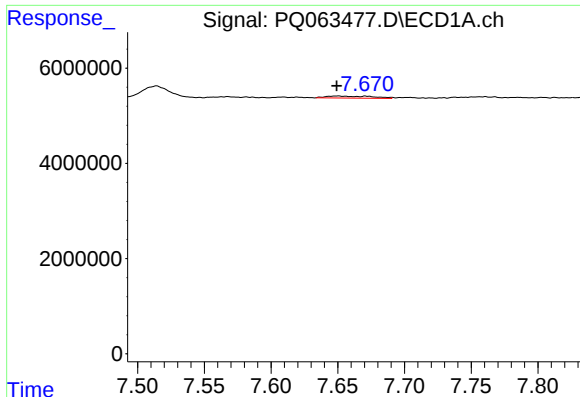
#38 AR-1262-3

R.T.: 7.514 min
Delta R.T.: -0.060 min
Response: 2611015
Conc: 7.23 ng/ml



#38 AR-1262-3

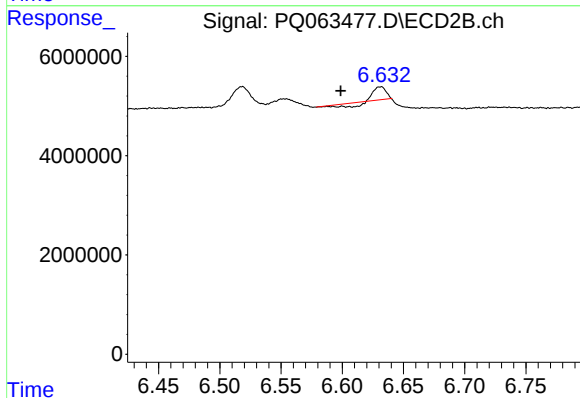
R.T.: 6.553 min
Delta R.T.: 0.015 min
Response: 2280840
Conc: 10.63 ng/ml



#39 AR-1262-4

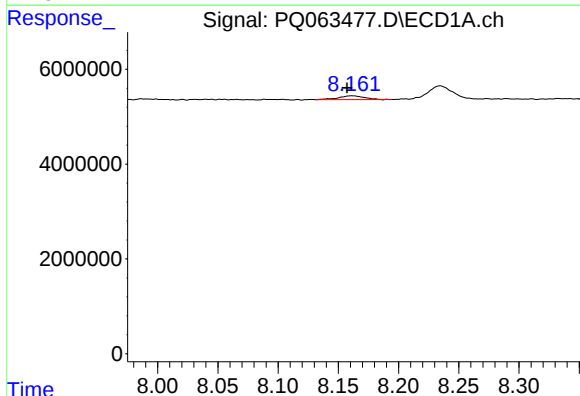
R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 991483
Conc: 3.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



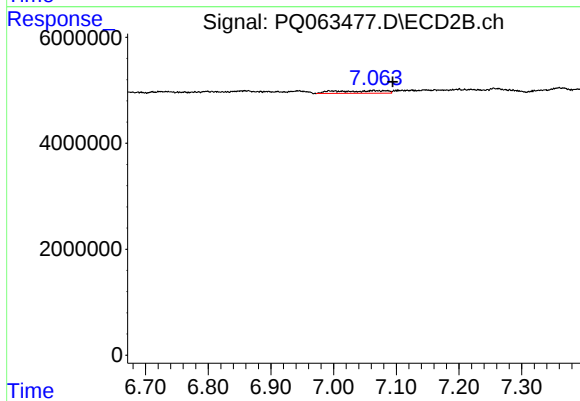
#39 AR-1262-4

R.T.: 6.631 min
Delta R.T.: 0.032 min
Response: 969367
Conc: 2.48 ng/ml



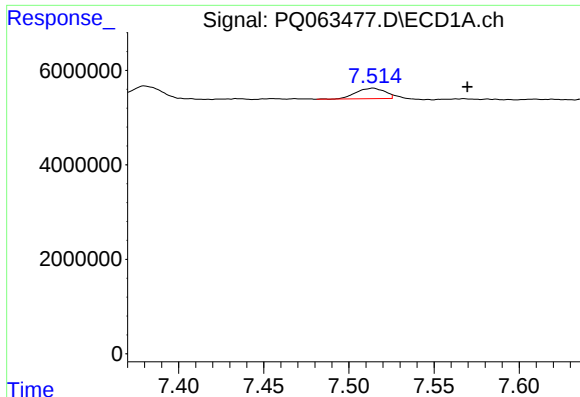
#40 AR-1262-5

R.T.: 8.162 min
Delta R.T.: 0.005 min
Response: 1223223
Conc: 6.61 ng/ml



#40 AR-1262-5

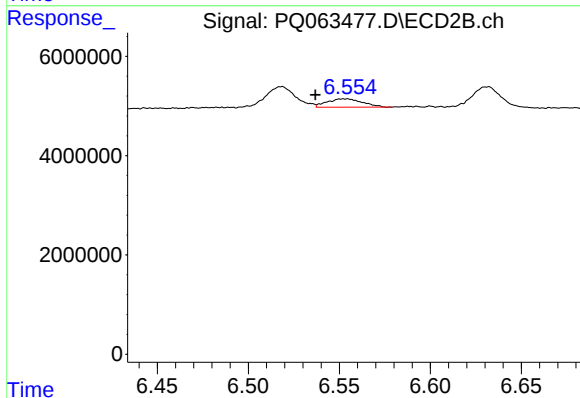
R.T.: 7.064 min
Delta R.T.: -0.030 min
Response: 2731270
Conc: 14.68 ng/ml



#41 AR-1268-1

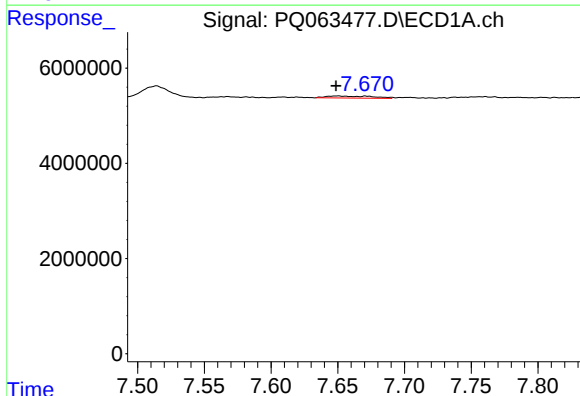
R.T.: 7.514 min
Delta R.T.: -0.056 min
Response: 2611015
Conc: 4.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



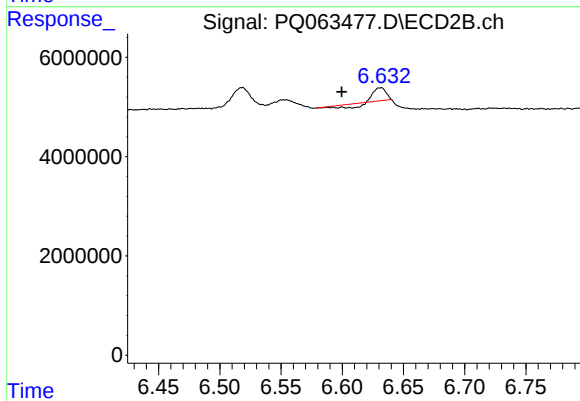
#41 AR-1268-1

R.T.: 6.553 min
Delta R.T.: 0.016 min
Response: 2280840
Conc: 3.78 ng/ml



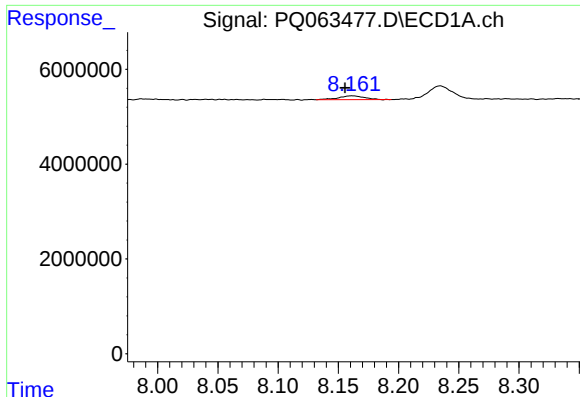
#42 AR-1268-2

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 991483
Conc: 1.75 ng/ml



#42 AR-1268-2

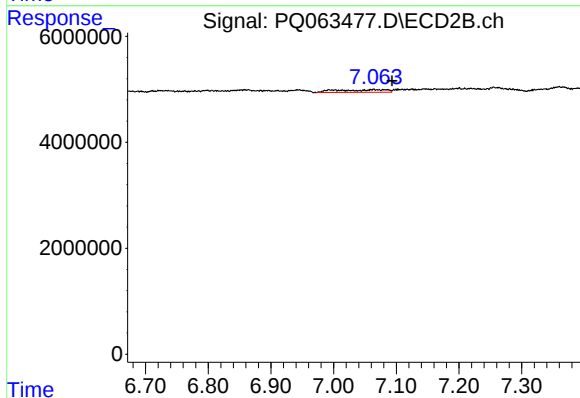
R.T.: 6.631 min
Delta R.T.: 0.031 min
Response: 969367
Conc: 1.79 ng/ml



#44 AR-1268-4

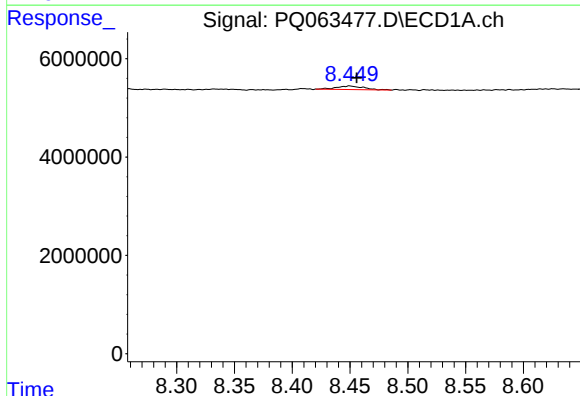
R.T.: 8.162 min
Delta R.T.: 0.006 min
Response: 1223223
Conc: 6.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



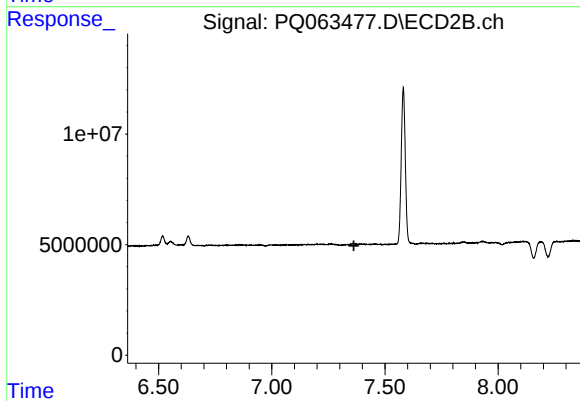
#44 AR-1268-4

R.T.: 7.064 min
Delta R.T.: -0.029 min
Response: 2731270
Conc: 13.41 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.006 min
Response: 1131085
Conc: 0.79 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.363 min
Response: 0
Conc: N.D.