

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 13:24
 Operator : YP\AJ
 Sample : 03572-07
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 01:09:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 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...	3.453	2.784	102.6E6	88685881	19.093	21.503
2) SA Decachlor...	8.686	7.596	91196504	98903079	23.554	22.866
Target Compounds						
3) L1 AR-1016-1	4.563	3.798	351326	233563	1.806	1.466
4) L1 AR-1016-2	4.580	3.815	494646	133968	1.783	0.627 #
5) L1 AR-1016-3	4.637	3.975	1195119	110855	6.989	0.927 #
6) L1 AR-1016-4	0.000	4.027	0	743033	N.D.	7.658 #
7) L1 AR-1016-5	5.022	4.222	875401	621660	6.362	4.940
8) L2 AR-1221-1	3.662	2.989	622982	63073	9.155	1.149 #
9) L2 AR-1221-2	3.734	3.077	1769197	50905	37.081	1.350 #
10) L2 AR-1221-3	3.802	3.134	48366	117918	0.313	0.980 #
11) L3 AR-1232-1	3.802	3.134	48366	117918	0.374	1.210 #
12) L3 AR-1232-2	4.287	3.815	1022575	133968	14.662	1.377 #
13) L3 AR-1232-3	4.580	3.975	494646	110855	4.048	2.088 #
14) L3 AR-1232-4	0.000	4.061	0	549054	N.D.	11.962 #
15) L3 AR-1232-5	4.823	4.222	941041	621660	21.561	11.465 #
16) L4 AR-1242-1	4.563	3.798	351326	233563	2.082	1.617
17) L4 AR-1242-2	4.580	3.815	494646	133968	2.051	0.705 #
18) L4 AR-1242-3	4.637	3.975	1195119	110855	8.159	1.027 #
19) L4 AR-1242-4	0.000	4.061	0	549054	N.D.	5.511 #
20) L4 AR-1242-5	5.460	4.564	598302	611485	4.527	4.523
21) L5 AR-1248-1	4.563	3.798	351326	233563	2.639	2.091
22) L5 AR-1248-2	4.823	4.027	941041	743033	5.385	4.705
23) L5 AR-1248-3	5.022	4.061	875401	549054	4.140	3.600
24) L5 AR-1248-4	5.418	4.222	517708	621660	2.173	3.269 #
25) L5 AR-1248-5	5.460	4.600	598302	2064254	2.575	10.673 #
26) L6 AR-1254-1	5.389	4.564	1326313	611485	6.056	2.279 #
27) L6 AR-1254-2	5.612	4.720	399526	879170	1.180	3.746 #
28) L6 AR-1254-3	5.951	5.086	2711028	2411084	7.562	6.376
29) L6 AR-1254-4	6.255	5.322	2538208	1860336	9.368	7.615
30) L6 AR-1254-5	6.660	5.735	1193105	147705	4.316	0.428 #
31) L7 AR-1260-1	6.134	5.222	1662602	1454152	6.504	5.826
32) L7 AR-1260-2	6.433f	5.413	4410892	748053	14.533	2.429 #
33) L7 AR-1260-3	6.753	5.569	7133386	1198873	33.839	3.869 #
34) L7 AR-1260-4	6.991	6.023	6258041	11463287	26.113	46.748 #
35) L7 AR-1260-5	7.286	6.269	2437560	7439430	5.196	13.612 #
36) L8 AR-1262-1	6.753	5.818	7133386	297926	22.089	2.087 #
37) L8 AR-1262-2	7.286	6.023	2437560	11463287	4.492	36.683 #
38) L8 AR-1262-3	7.558	6.550	14562553	24266842	40.316	96.263 #
39) L8 AR-1262-4	7.638	6.613	14987806	20481440	53.473	43.810
40) L8 AR-1262-5	8.144	7.106	5497256	6621122	29.247	30.133
41) L9 AR-1268-1	7.558	6.550	14562553	24266842	22.518	32.517 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 13:24
 Operator : YP\AJ
 Sample : 03572-07
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 01:09:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 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

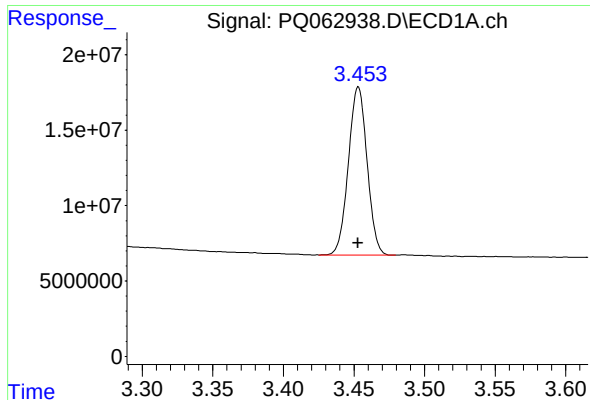
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.638	6.613	14987806	20481440	24.993	29.829
43) L9	AR-1268-3	7.820	6.816	11969889	16563687	24.311	28.221
44) L9	AR-1268-4	8.144	7.106	5497256	6621122	25.624	26.002
45) L9	AR-1268-5	8.445	7.376	34519857	39943618	22.399	22.548

(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

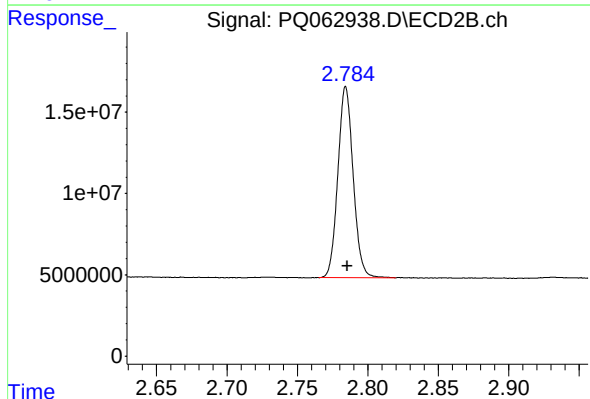




#1 Tetrachloro-m-xylene

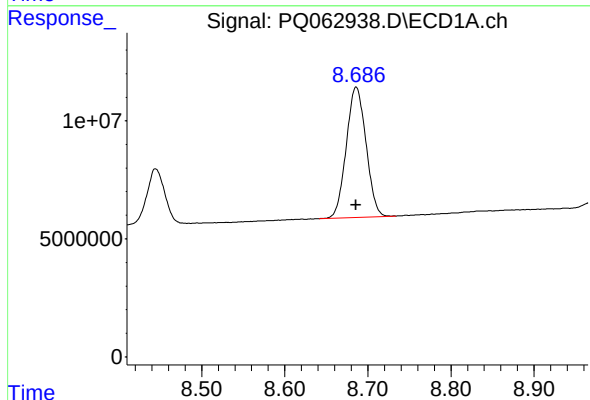
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 102597033
Conc: 19.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



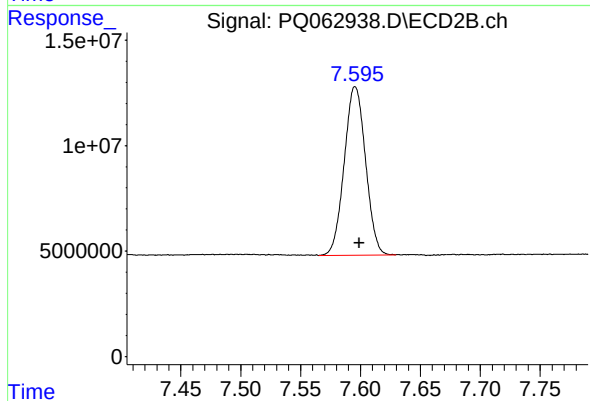
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.001 min
Response: 88685881
Conc: 21.50 ng/ml



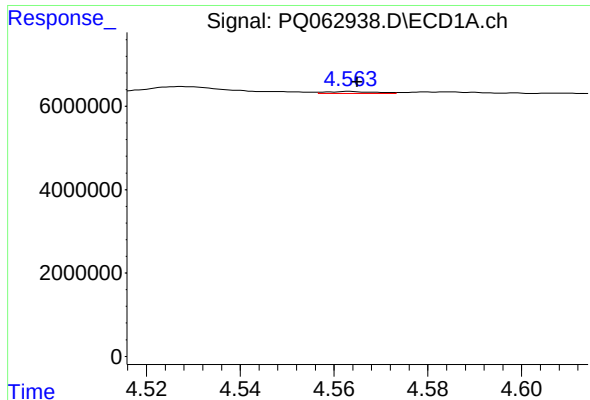
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 91196504
Conc: 23.55 ng/ml



#2 Decachlorobiphenyl

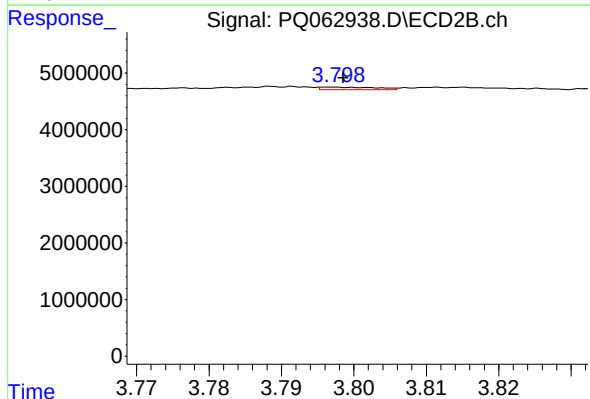
R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 98903079
Conc: 22.87 ng/ml



#3 AR-1016-1

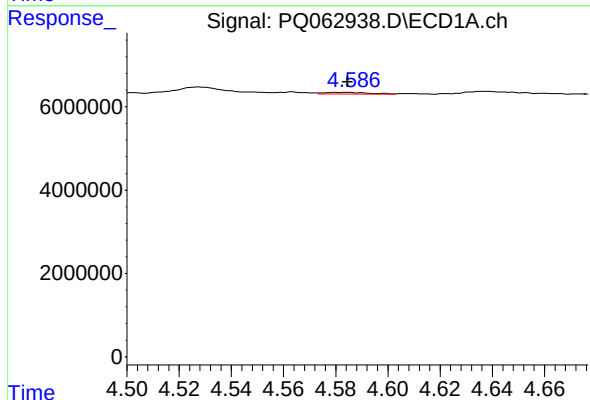
R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 351326
Conc: 1.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



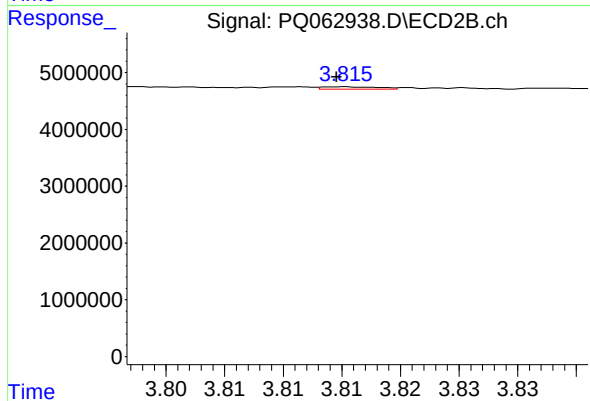
#3 AR-1016-1

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 233563
Conc: 1.47 ng/ml



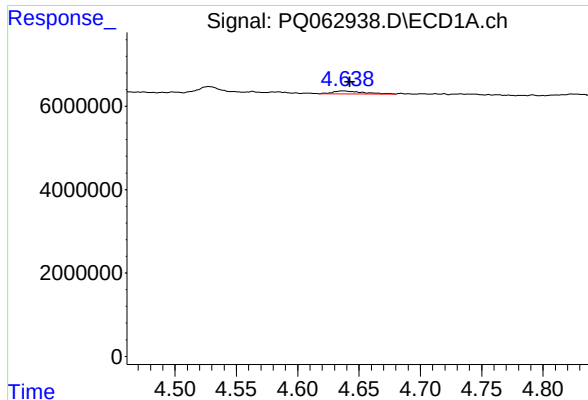
#4 AR-1016-2

R.T.: 4.580 min
Delta R.T.: -0.004 min
Response: 494646
Conc: 1.78 ng/ml



#4 AR-1016-2

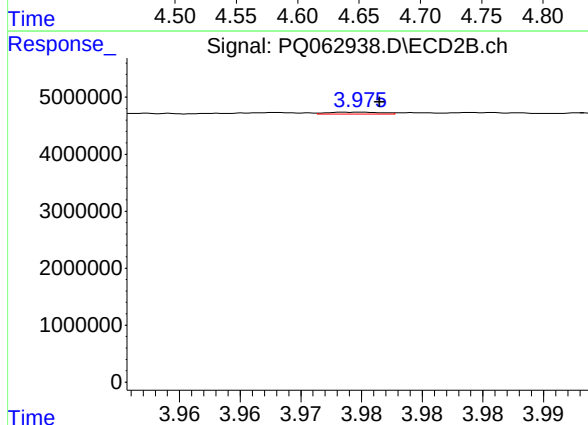
R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 133968
Conc: 0.63 ng/ml



#5 AR-1016-3

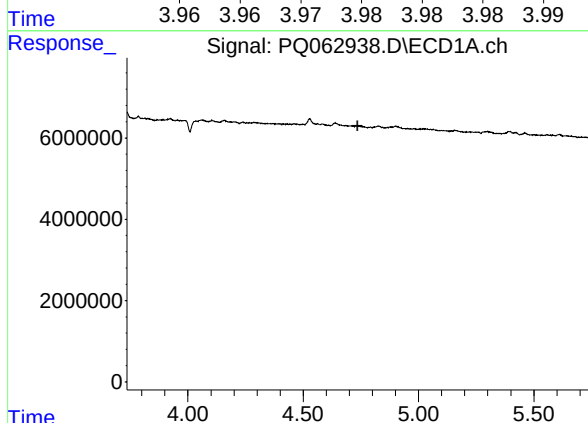
R.T.: 4.637 min
Delta R.T.: -0.006 min
Response: 1195119
Conc: 6.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



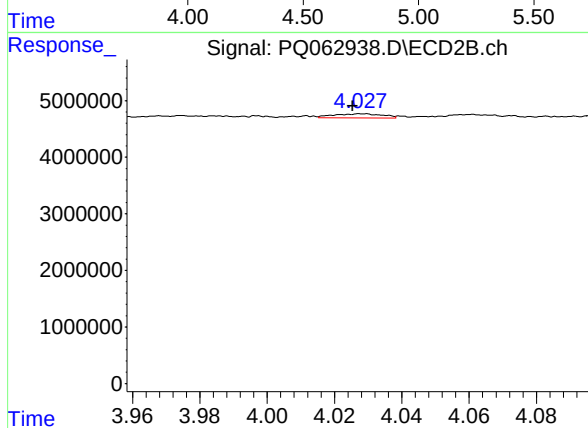
#5 AR-1016-3

R.T.: 3.975 min
Delta R.T.: -0.001 min
Response: 110855
Conc: 0.93 ng/ml



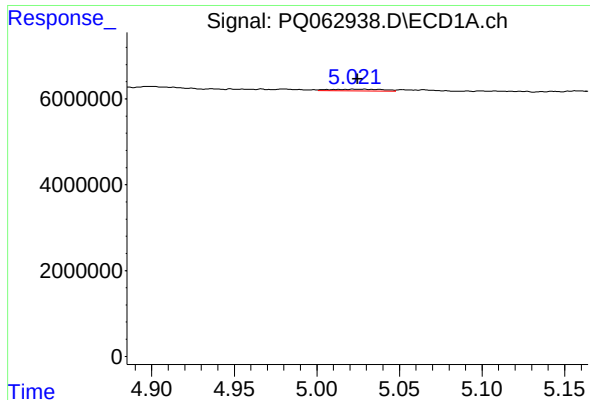
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 4.735 min
Response: 0
Conc: N.D.



#6 AR-1016-4

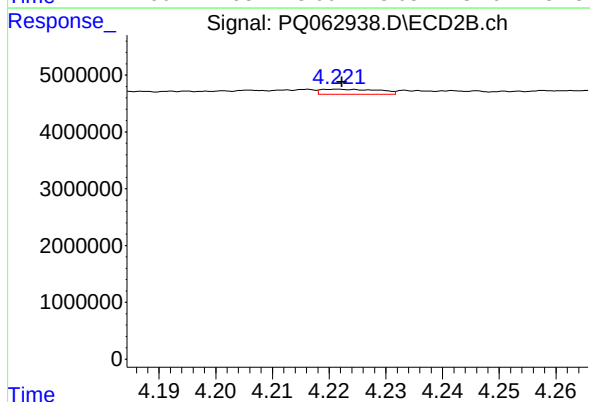
R.T.: 4.027 min
Delta R.T.: 0.002 min
Response: 743033
Conc: 7.66 ng/ml



#7 AR-1016-5

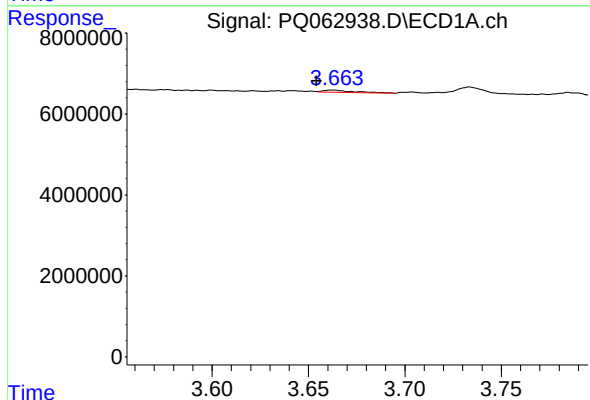
R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 875401
Conc: 6.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



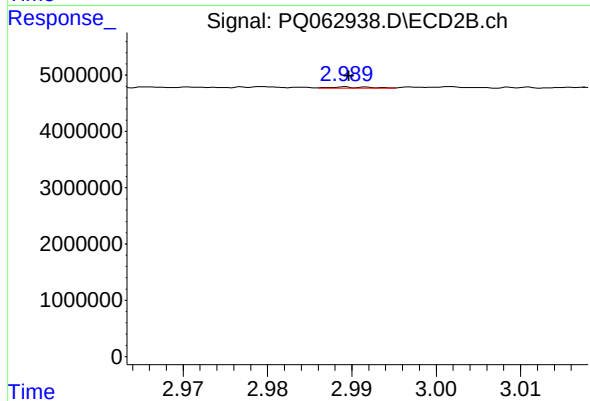
#7 AR-1016-5

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 621660
Conc: 4.94 ng/ml



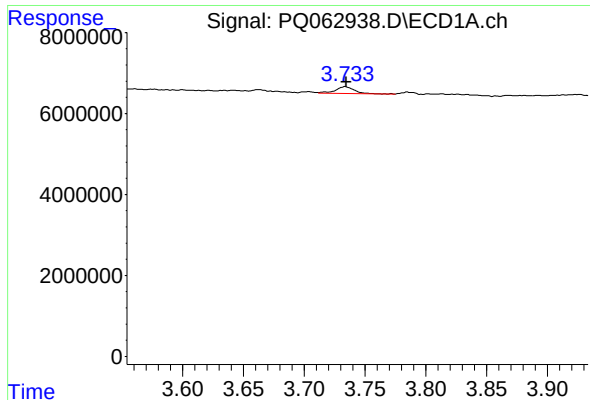
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: 0.008 min
Response: 622982
Conc: 9.16 ng/ml



#8 AR-1221-1

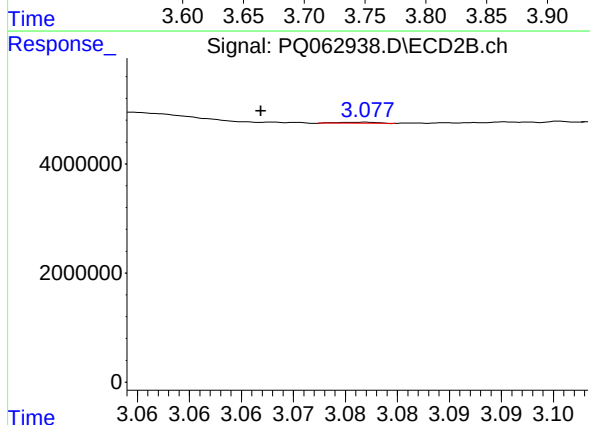
R.T.: 2.989 min
Delta R.T.: 0.000 min
Response: 63073
Conc: 1.15 ng/ml



#9 AR-1221-2

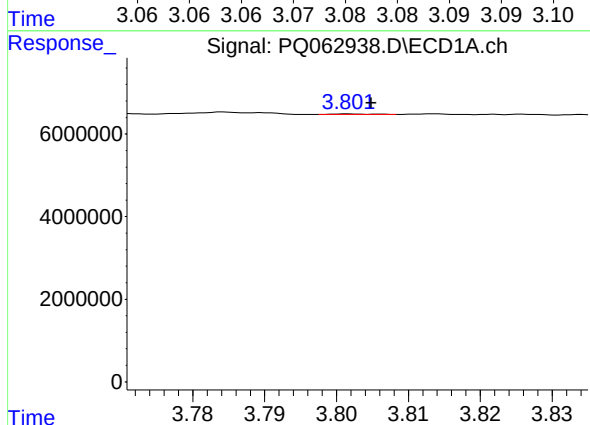
R.T.: 3.734 min
Delta R.T.: -0.001 min
Response: 1769197
Conc: 37.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



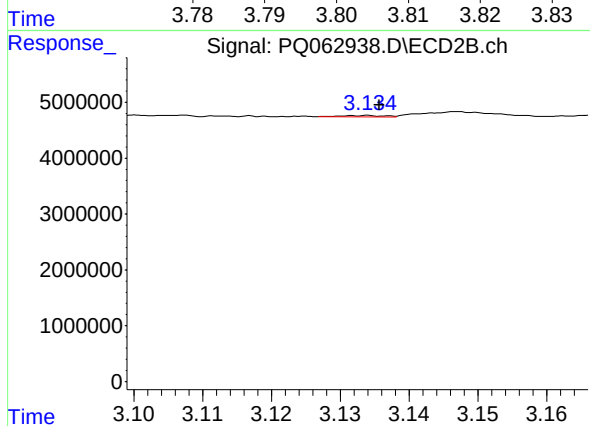
#9 AR-1221-2

R.T.: 3.077 min
Delta R.T.: 0.010 min
Response: 50905
Conc: 1.35 ng/ml



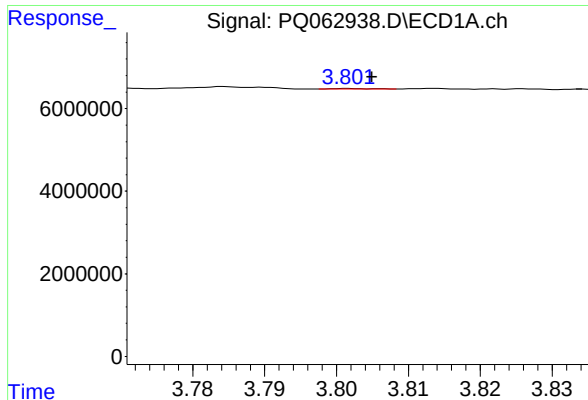
#10 AR-1221-3

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 48366
Conc: 0.31 ng/ml



#10 AR-1221-3

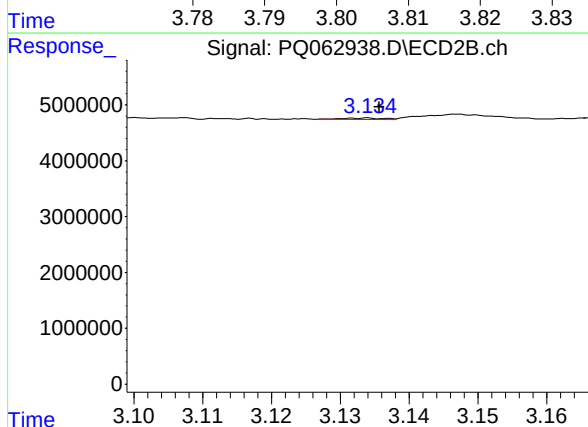
R.T.: 3.134 min
Delta R.T.: -0.001 min
Response: 117918
Conc: 0.98 ng/ml



#11 AR-1232-1

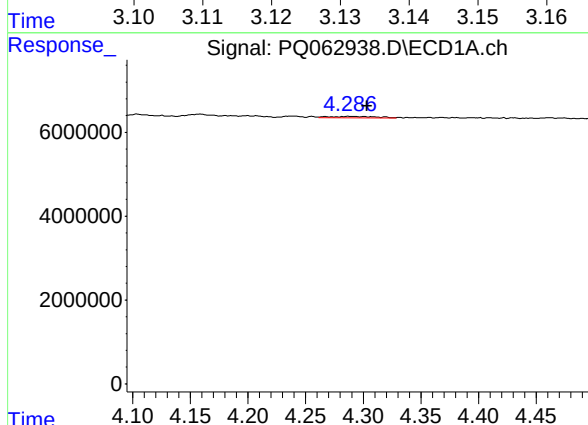
R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 48366
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



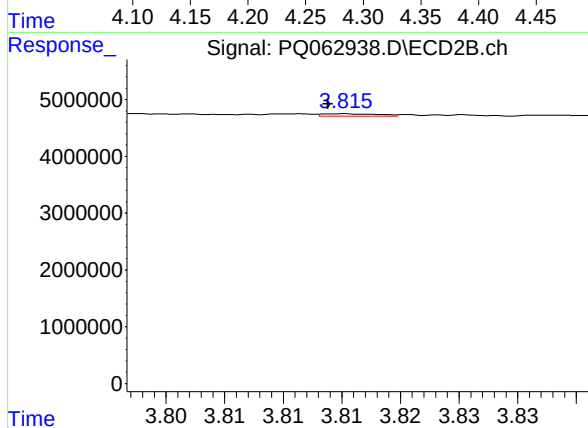
#11 AR-1232-1

R.T.: 3.134 min
Delta R.T.: -0.001 min
Response: 117918
Conc: 1.21 ng/ml



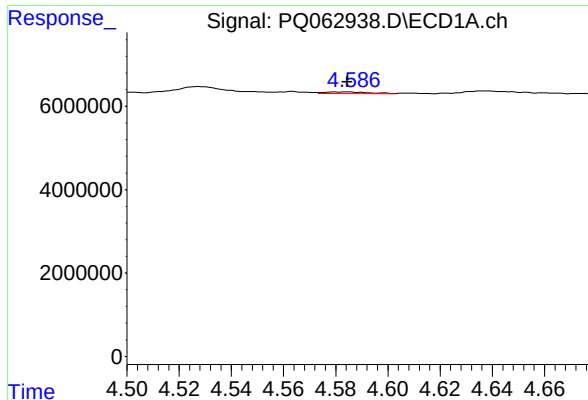
#12 AR-1232-2

R.T.: 4.287 min
Delta R.T.: -0.017 min
Response: 1022575
Conc: 14.66 ng/ml



#12 AR-1232-2

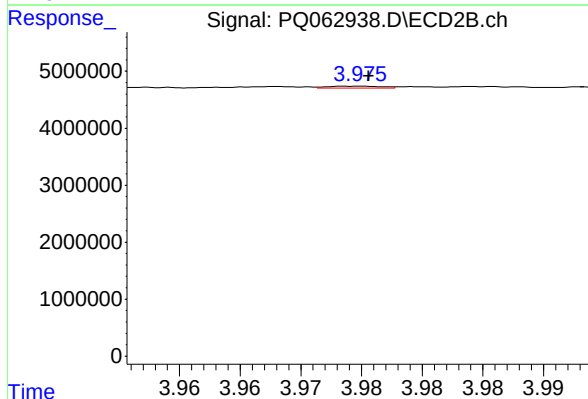
R.T.: 3.815 min
Delta R.T.: 0.001 min
Response: 133968
Conc: 1.38 ng/ml



#13 AR-1232-3

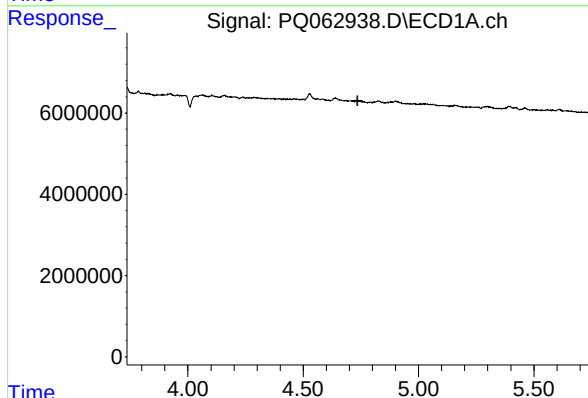
R.T.: 4.580 min
Delta R.T.: -0.004 min
Response: 494646
Conc: 4.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



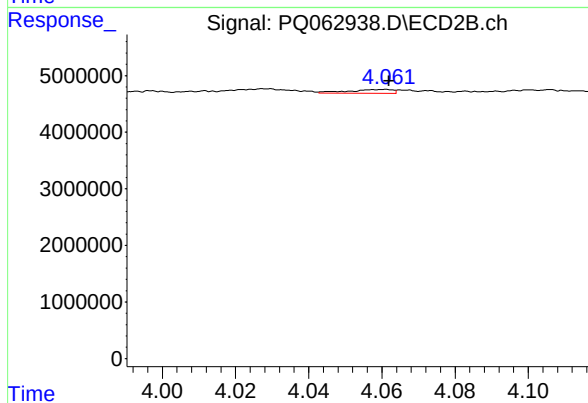
#13 AR-1232-3

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 110855
Conc: 2.09 ng/ml



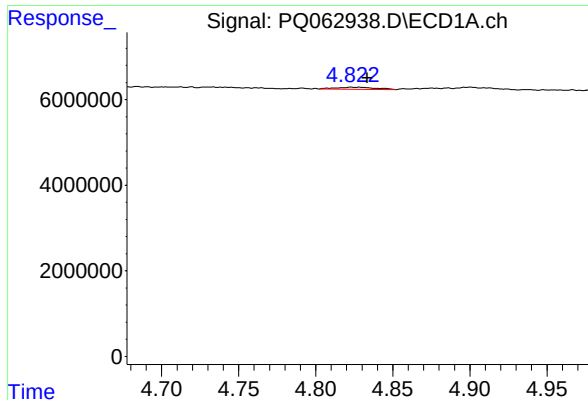
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 4.735 min
Response: 0
Conc: N.D.



#14 AR-1232-4

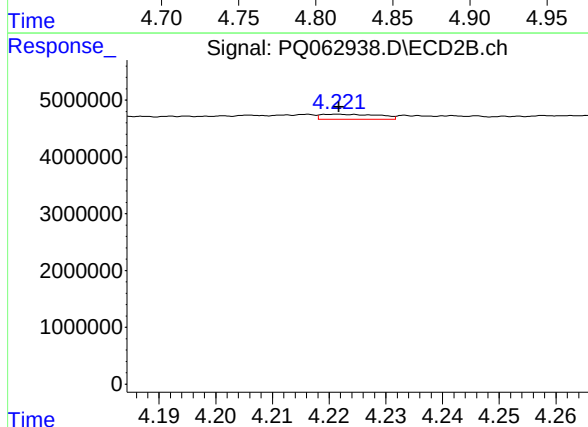
R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 549054
Conc: 11.96 ng/ml



#15 AR-1232-5

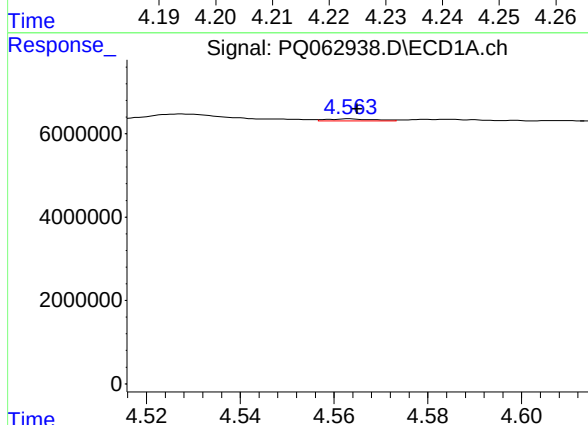
R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 941041
Conc: 21.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



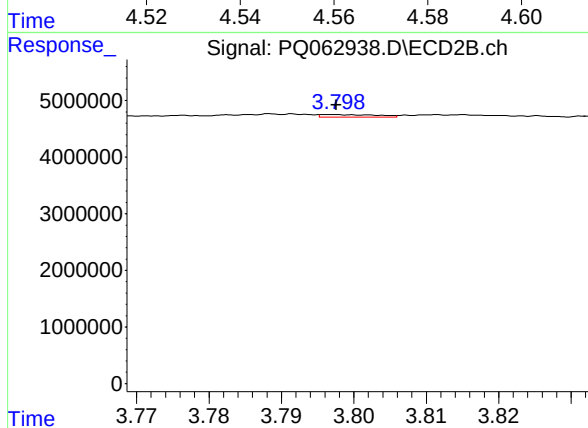
#15 AR-1232-5

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 621660
Conc: 11.46 ng/ml



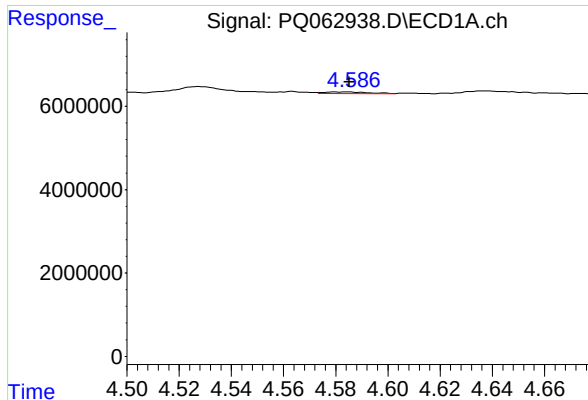
#16 AR-1242-1

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 351326
Conc: 2.08 ng/ml



#16 AR-1242-1

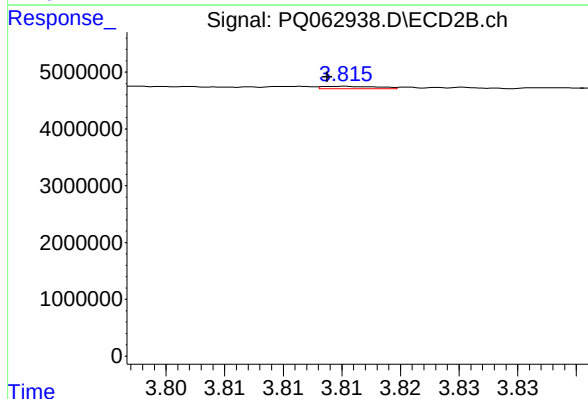
R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 233563
Conc: 1.62 ng/ml



#17 AR-1242-2

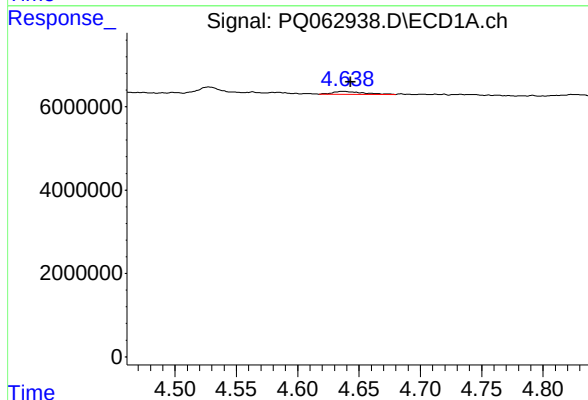
R.T.: 4.580 min
Delta R.T.: -0.005 min
Response: 494646
Conc: 2.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



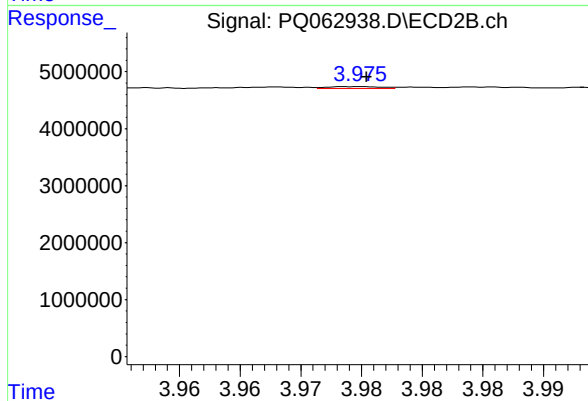
#17 AR-1242-2

R.T.: 3.815 min
Delta R.T.: 0.002 min
Response: 133968
Conc: 0.71 ng/ml



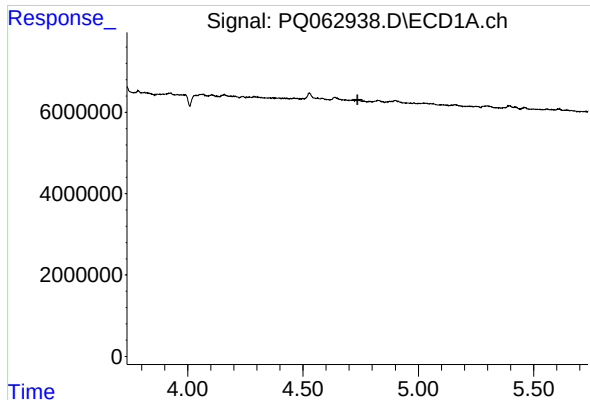
#18 AR-1242-3

R.T.: 4.637 min
Delta R.T.: -0.006 min
Response: 1195119
Conc: 8.16 ng/ml



#18 AR-1242-3

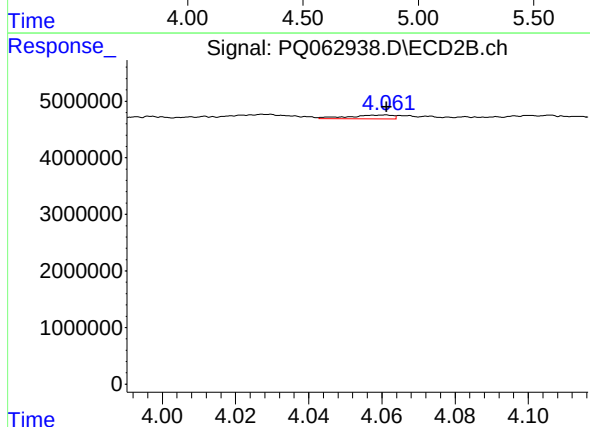
R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 110855
Conc: 1.03 ng/ml



#19 AR-1242-4

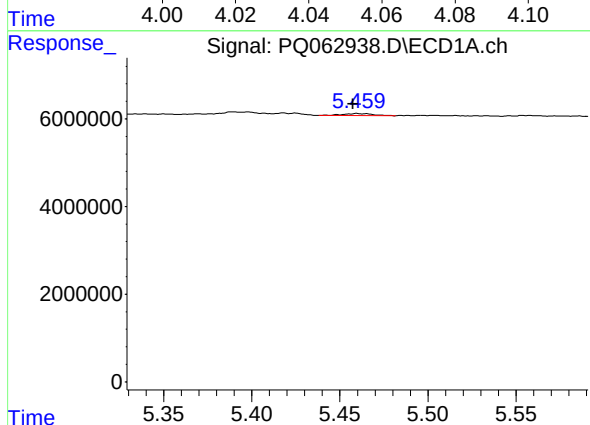
R.T.: 0.000 min
Exp R.T.: 4.736 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



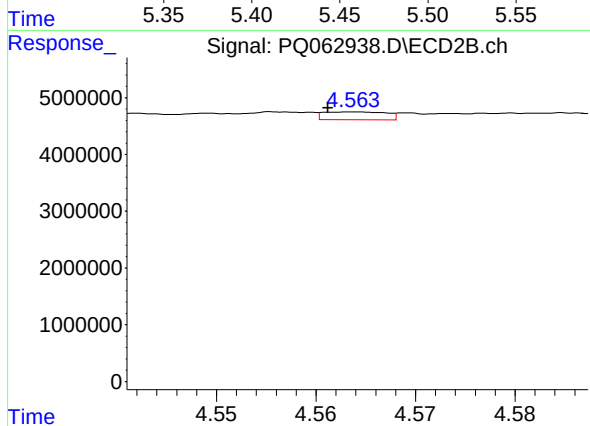
#19 AR-1242-4

R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 549054
Conc: 5.51 ng/ml



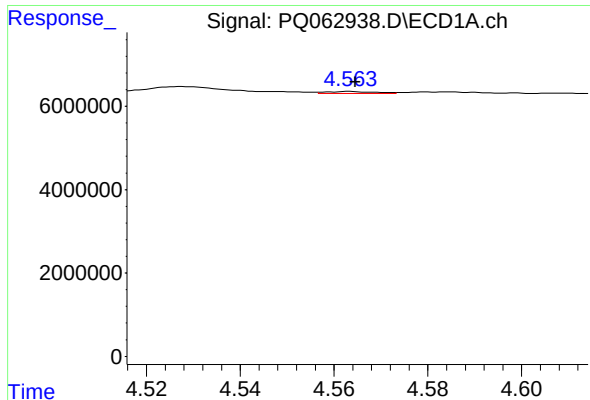
#20 AR-1242-5

R.T.: 5.460 min
Delta R.T.: 0.002 min
Response: 598302
Conc: 4.53 ng/ml



#20 AR-1242-5

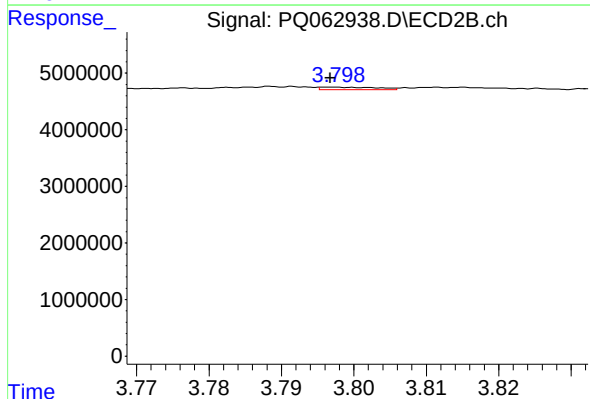
R.T.: 4.564 min
Delta R.T.: 0.003 min
Response: 611485
Conc: 4.52 ng/ml



#21 AR-1248-1

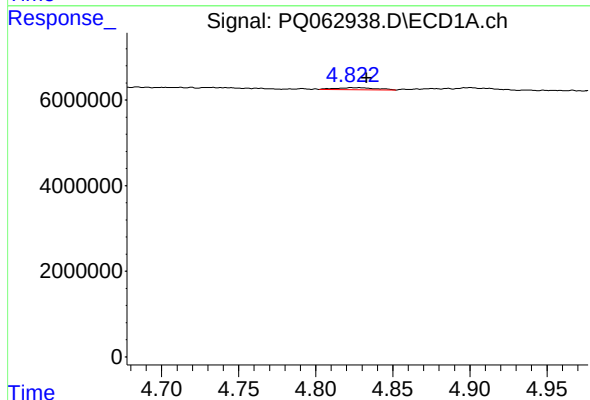
R.T.: 4.563 min
Delta R.T.: -0.001 min
Response: 351326
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



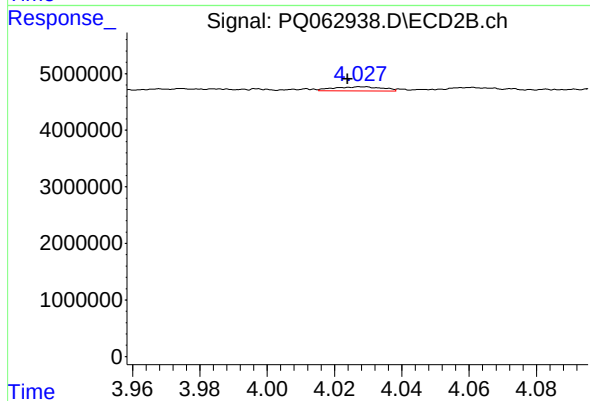
#21 AR-1248-1

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 233563
Conc: 2.09 ng/ml



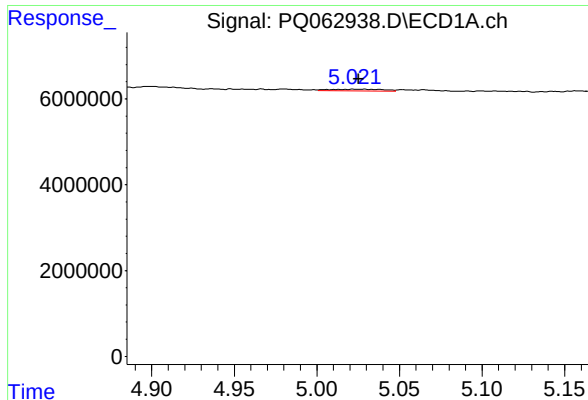
#22 AR-1248-2

R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 941041
Conc: 5.38 ng/ml



#22 AR-1248-2

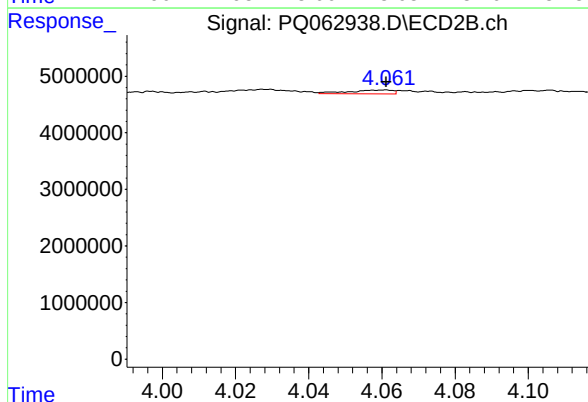
R.T.: 4.027 min
Delta R.T.: 0.003 min
Response: 743033
Conc: 4.71 ng/ml



#23 AR-1248-3

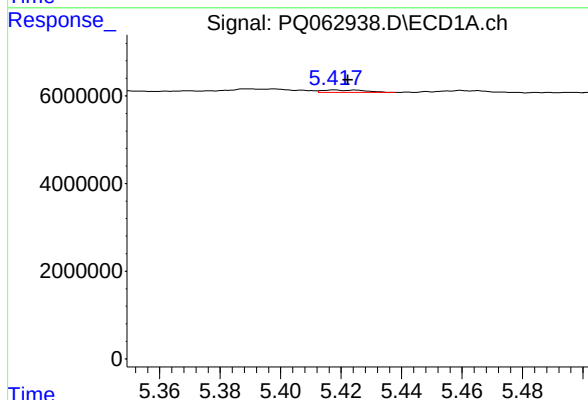
R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 875401
Conc: 4.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



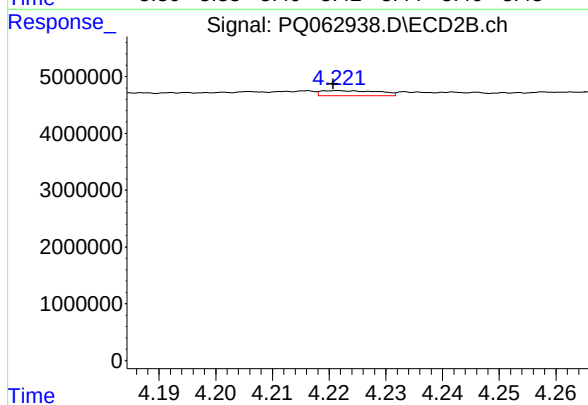
#23 AR-1248-3

R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 549054
Conc: 3.60 ng/ml



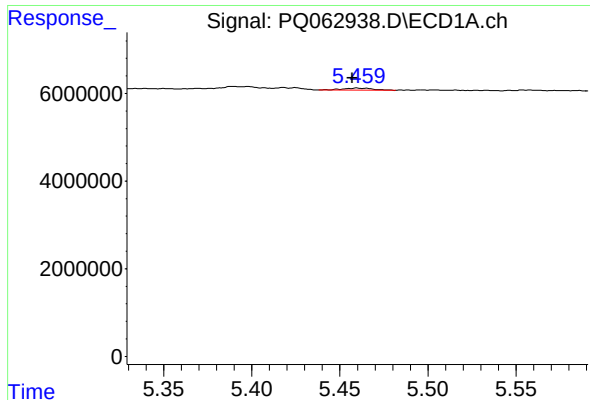
#24 AR-1248-4

R.T.: 5.418 min
Delta R.T.: -0.005 min
Response: 517708
Conc: 2.17 ng/ml



#24 AR-1248-4

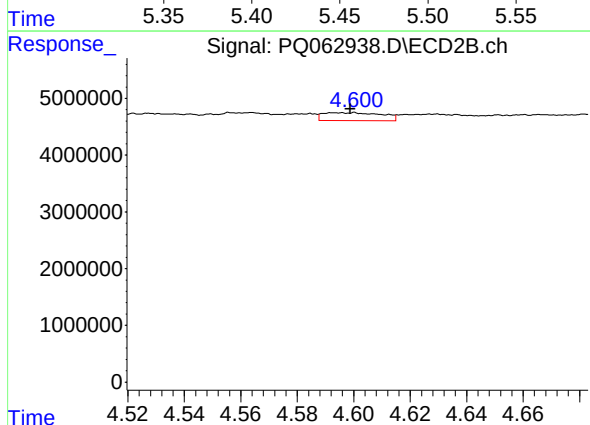
R.T.: 4.222 min
Delta R.T.: 0.001 min
Response: 621660
Conc: 3.27 ng/ml



#25 AR-1248-5

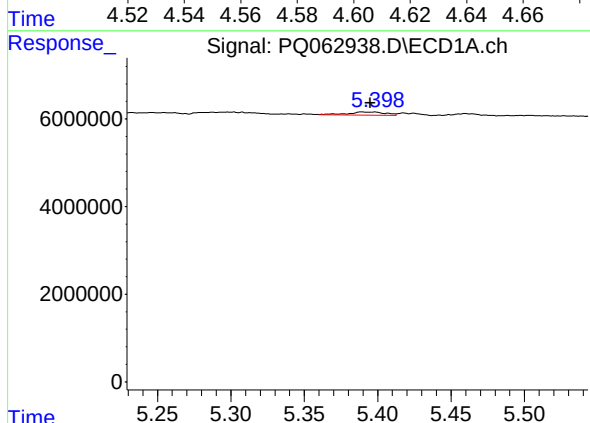
R.T.: 5.460 min
Delta R.T.: 0.003 min
Response: 598302
Conc: 2.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



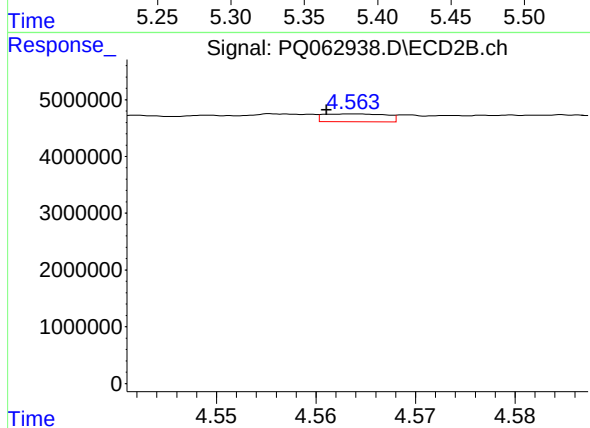
#25 AR-1248-5

R.T.: 4.600 min
Delta R.T.: 0.002 min
Response: 2064254
Conc: 10.67 ng/ml



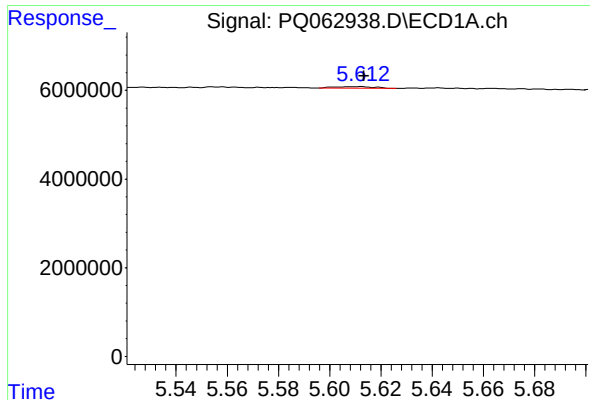
#26 AR-1254-1

R.T.: 5.389 min
Delta R.T.: -0.006 min
Response: 1326313
Conc: 6.06 ng/ml



#26 AR-1254-1

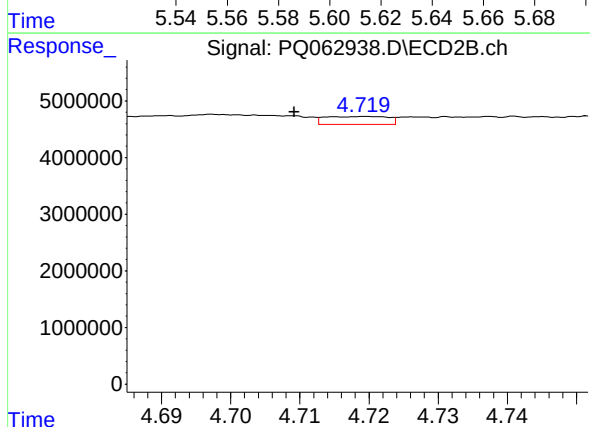
R.T.: 4.564 min
Delta R.T.: 0.003 min
Response: 611485
Conc: 2.28 ng/ml



#27 AR-1254-2

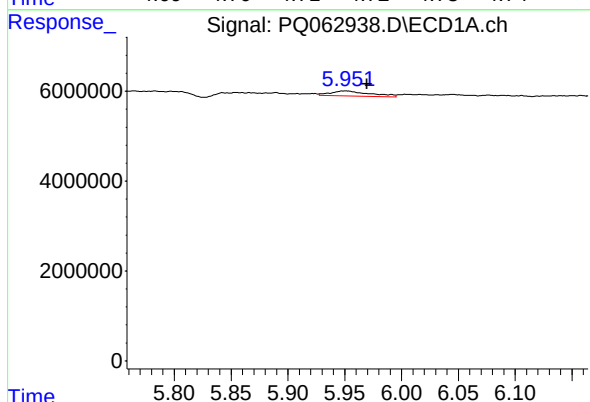
R.T.: 5.612 min
Delta R.T.: -0.001 min
Response: 399526
Conc: 1.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



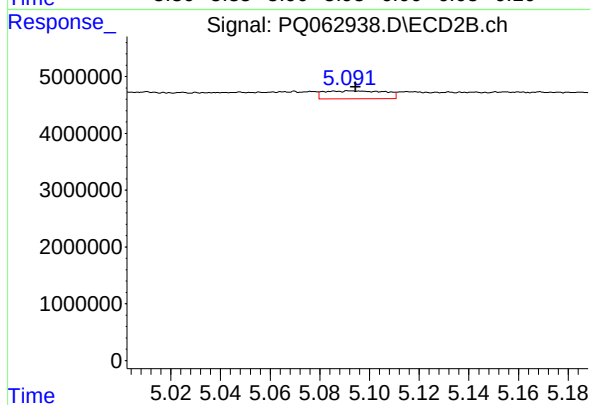
#27 AR-1254-2

R.T.: 4.720 min
Delta R.T.: 0.011 min
Response: 879170
Conc: 3.75 ng/ml



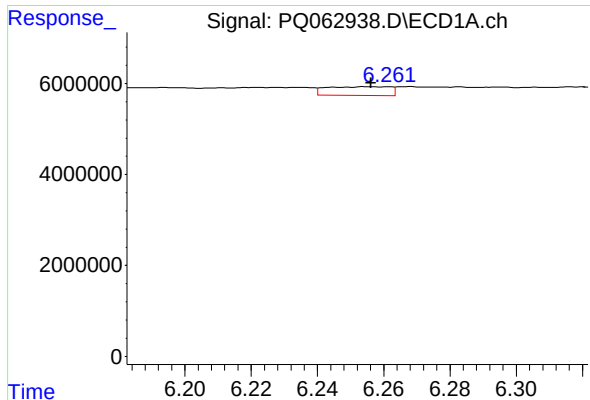
#28 AR-1254-3

R.T.: 5.951 min
Delta R.T.: -0.018 min
Response: 2711028
Conc: 7.56 ng/ml



#28 AR-1254-3

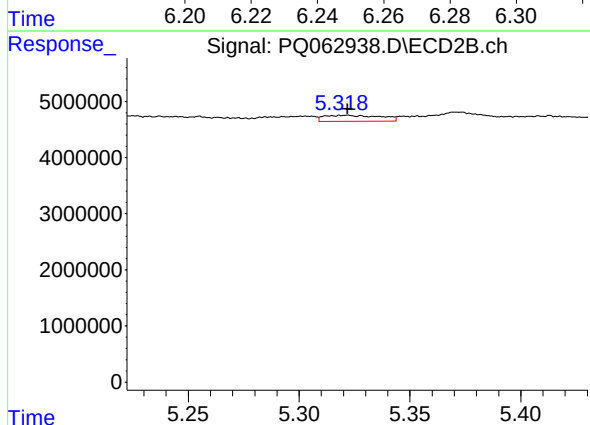
R.T.: 5.086 min
Delta R.T.: -0.009 min
Response: 2411084
Conc: 6.38 ng/ml



#29 AR-1254-4

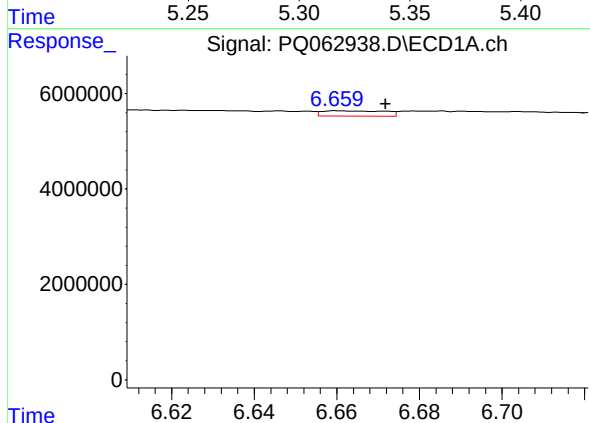
R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 2538208
Conc: 9.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



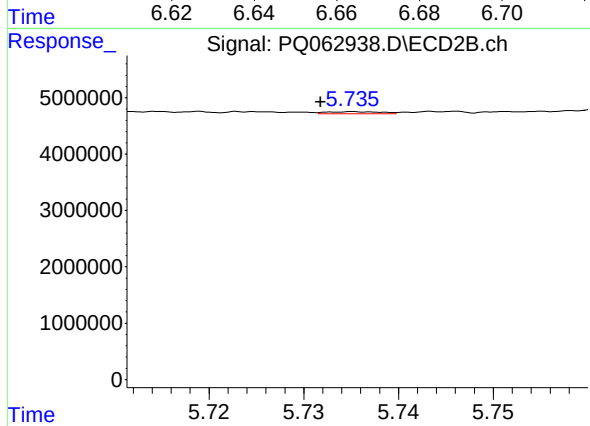
#29 AR-1254-4

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 1860336
Conc: 7.61 ng/ml



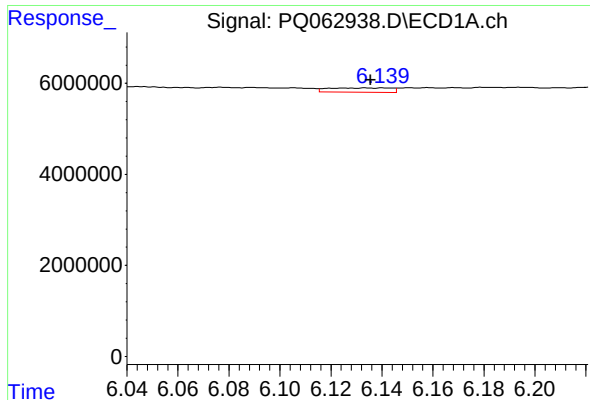
#30 AR-1254-5

R.T.: 6.660 min
Delta R.T.: -0.011 min
Response: 1193105
Conc: 4.32 ng/ml



#30 AR-1254-5

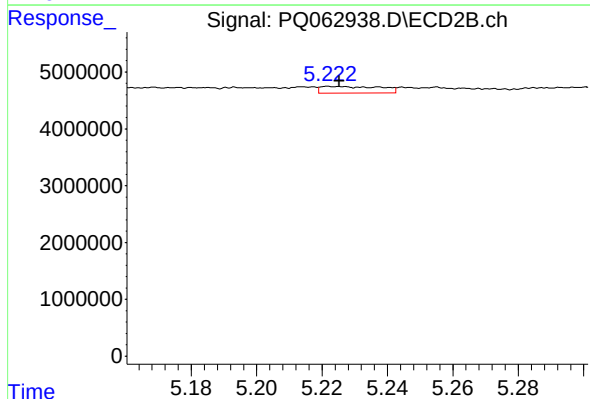
R.T.: 5.735 min
Delta R.T.: 0.004 min
Response: 147705
Conc: 0.43 ng/ml



#31 AR-1260-1

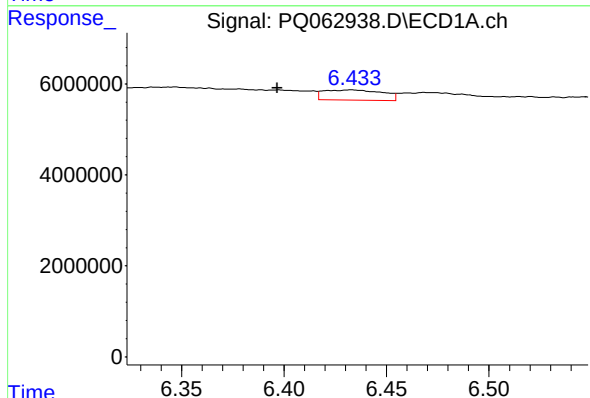
R.T.: 6.134 min
Delta R.T.: -0.001 min
Response: 1662602
Conc: 6.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



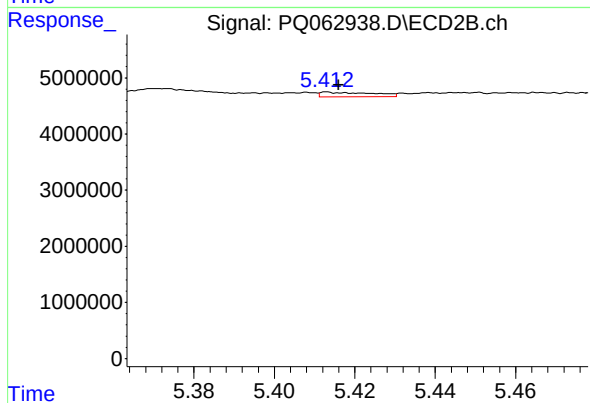
#31 AR-1260-1

R.T.: 5.222 min
Delta R.T.: -0.003 min
Response: 1454152
Conc: 5.83 ng/ml



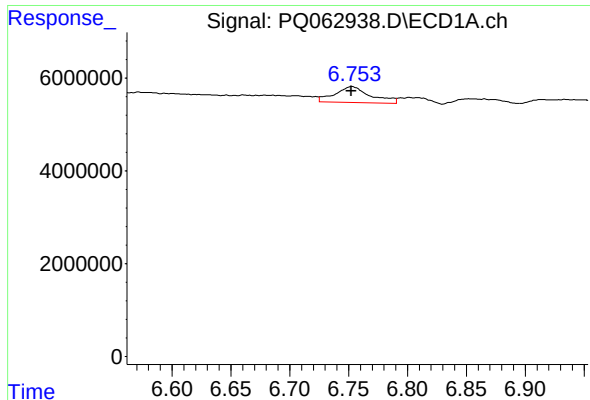
#32 AR-1260-2

R.T.: 6.433 min
Delta R.T.: 0.036 min
Response: 4410892
Conc: 14.53 ng/ml



#32 AR-1260-2

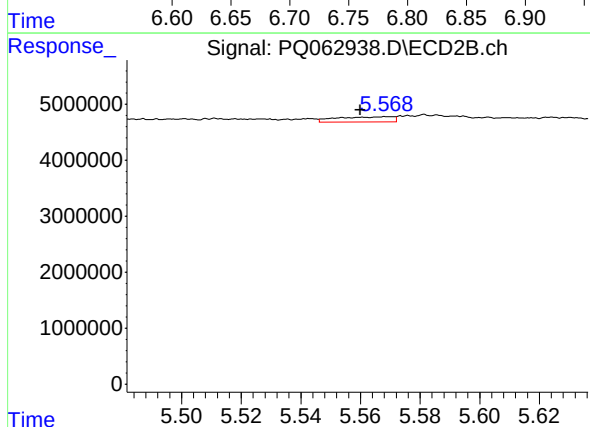
R.T.: 5.413 min
Delta R.T.: -0.003 min
Response: 748053
Conc: 2.43 ng/ml



#33 AR-1260-3

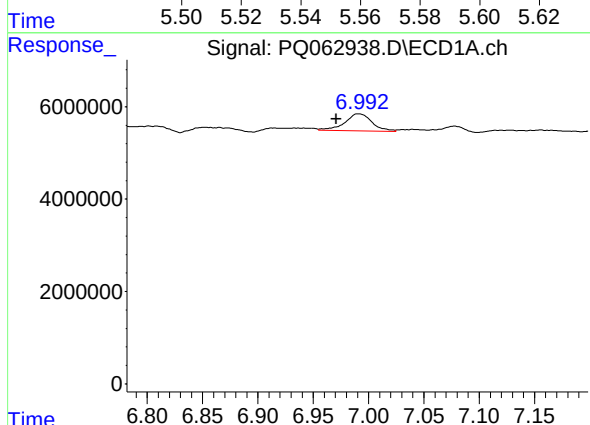
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 7133386
Conc: 33.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



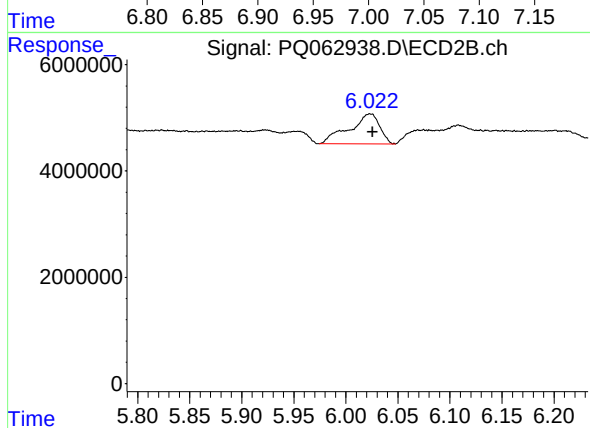
#33 AR-1260-3

R.T.: 5.569 min
Delta R.T.: 0.009 min
Response: 1198873
Conc: 3.87 ng/ml



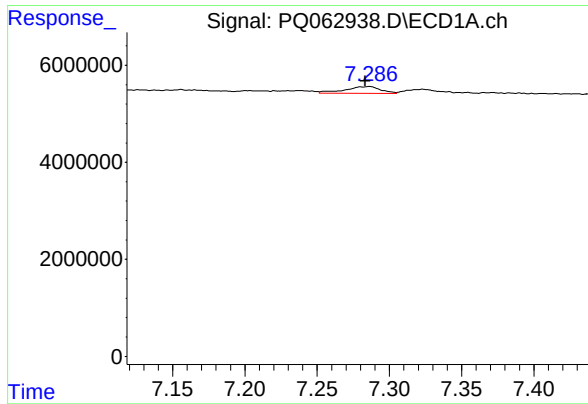
#34 AR-1260-4

R.T.: 6.991 min
Delta R.T.: 0.020 min
Response: 6258041
Conc: 26.11 ng/ml



#34 AR-1260-4

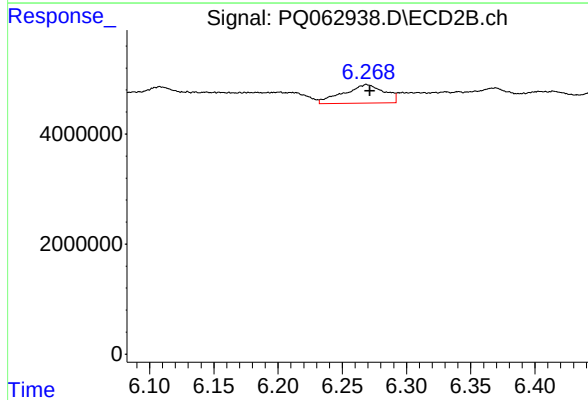
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 11463287
Conc: 46.75 ng/ml



#35 AR-1260-5

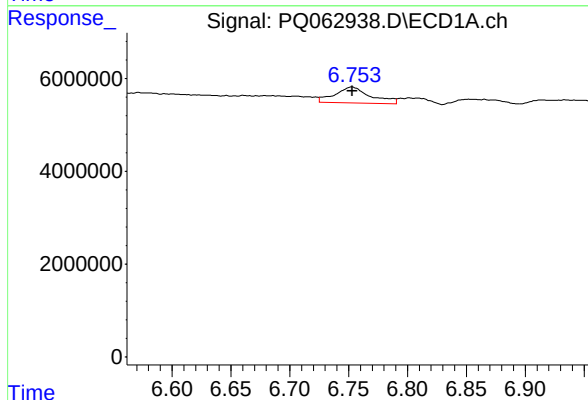
R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 2437560
Conc: 5.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



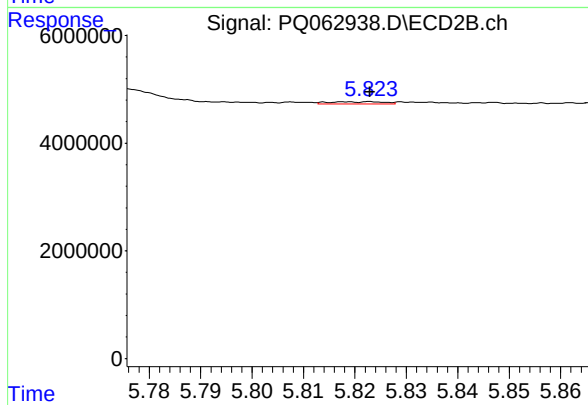
#35 AR-1260-5

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 7439430
Conc: 13.61 ng/ml



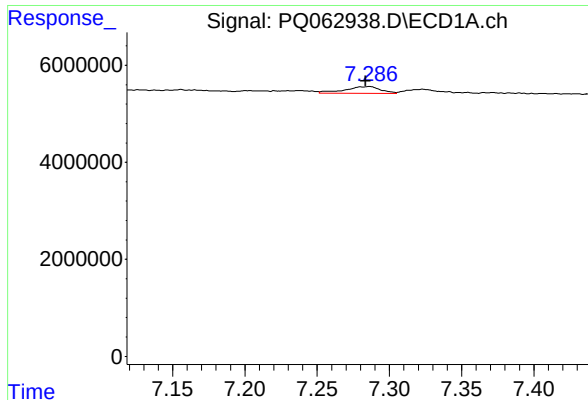
#36 AR-1262-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 7133386
Conc: 22.09 ng/ml



#36 AR-1262-1

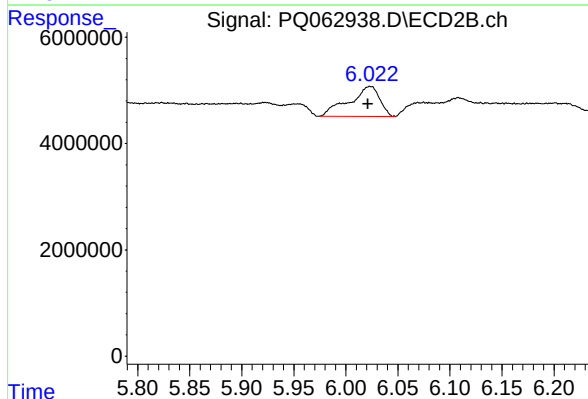
R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 297926
Conc: 2.09 ng/ml



#37 AR-1262-2

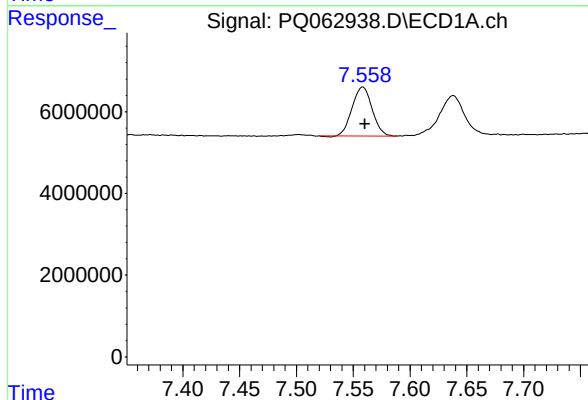
R.T.: 7.286 min
Delta R.T.: 0.002 min
Response: 2437560
Conc: 4.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



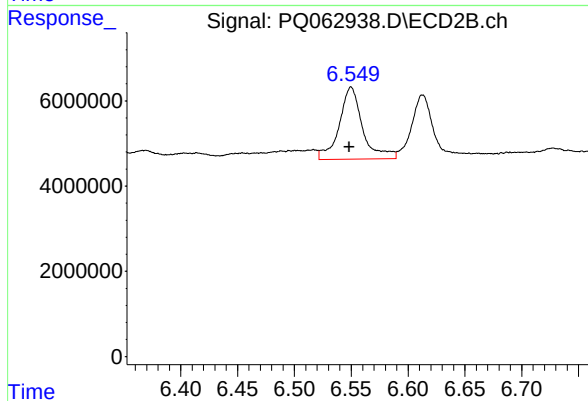
#37 AR-1262-2

R.T.: 6.023 min
Delta R.T.: 0.002 min
Response: 11463287
Conc: 36.68 ng/ml



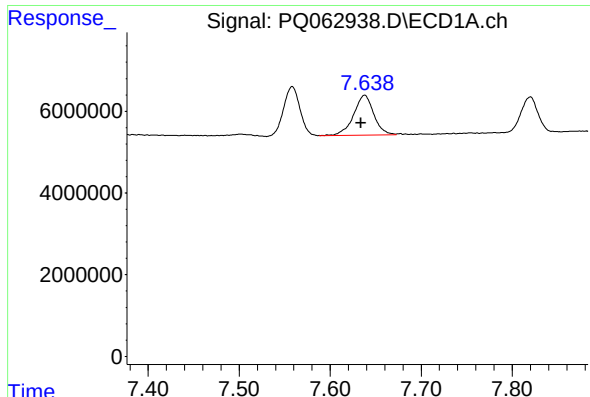
#38 AR-1262-3

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 14562553
Conc: 40.32 ng/ml



#38 AR-1262-3

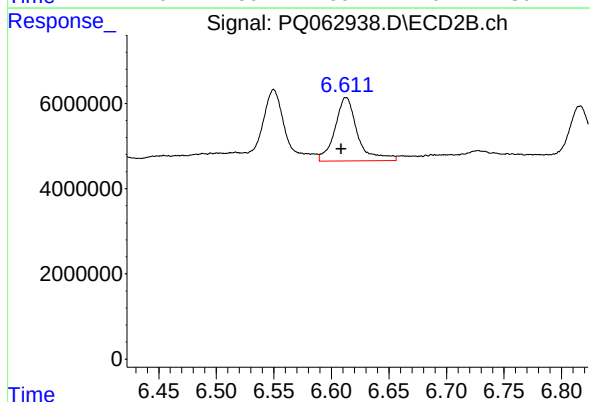
R.T.: 6.550 min
Delta R.T.: 0.002 min
Response: 24266842
Conc: 96.26 ng/ml



#39 AR-1262-4

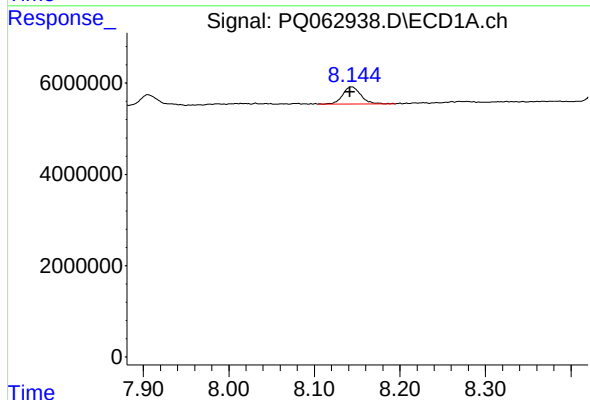
R.T.: 7.638 min
Delta R.T.: 0.004 min
Response: 14987806
Conc: 53.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



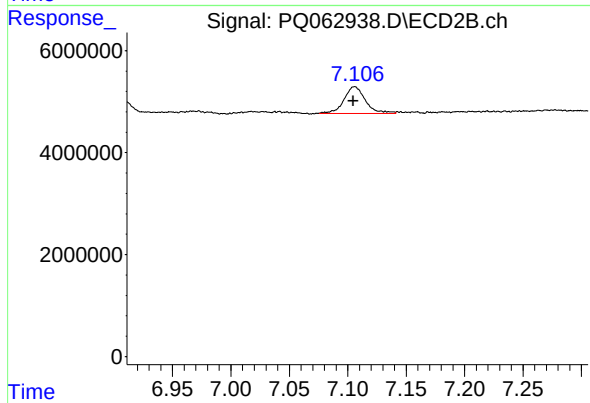
#39 AR-1262-4

R.T.: 6.613 min
Delta R.T.: 0.004 min
Response: 20481440
Conc: 43.81 ng/ml



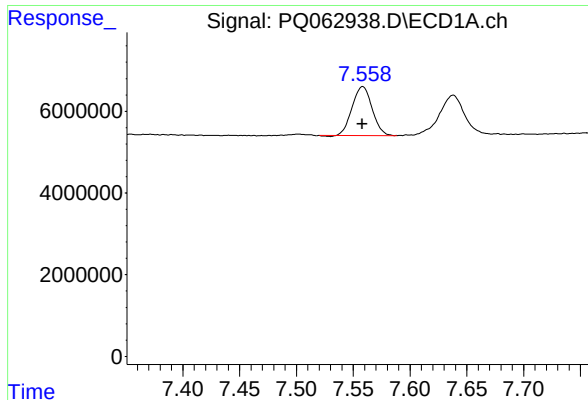
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 5497256
Conc: 29.25 ng/ml



#40 AR-1262-5

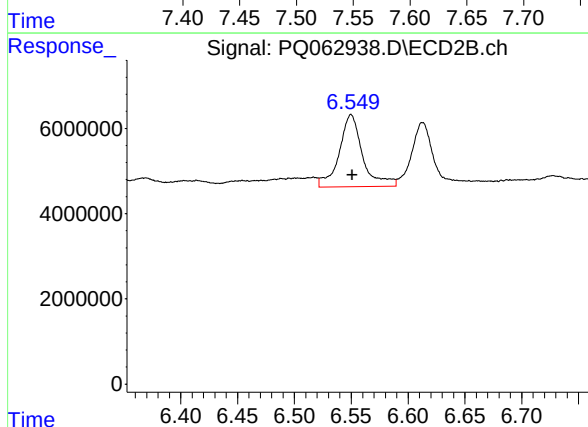
R.T.: 7.106 min
Delta R.T.: 0.001 min
Response: 6621122
Conc: 30.13 ng/ml



#41 AR-1268-1

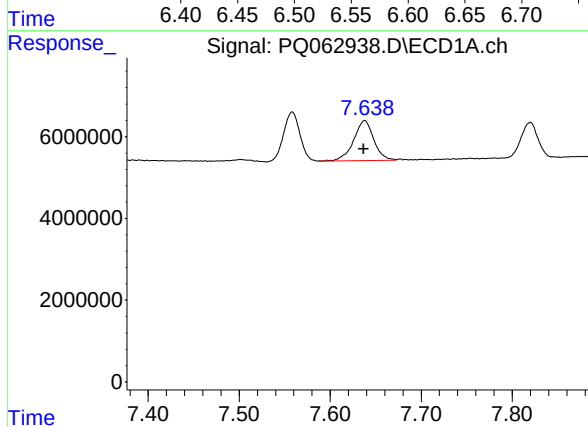
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 14562553
Conc: 22.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



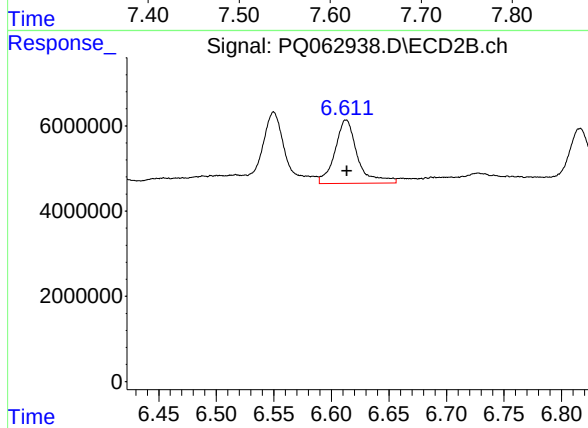
#41 AR-1268-1

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 24266842
Conc: 32.52 ng/ml



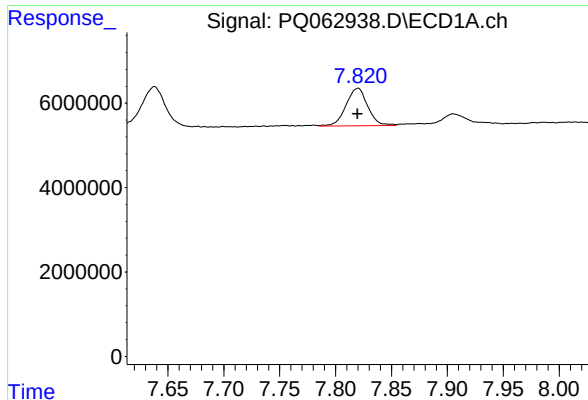
#42 AR-1268-2

R.T.: 7.638 min
Delta R.T.: 0.001 min
Response: 14987806
Conc: 24.99 ng/ml



#42 AR-1268-2

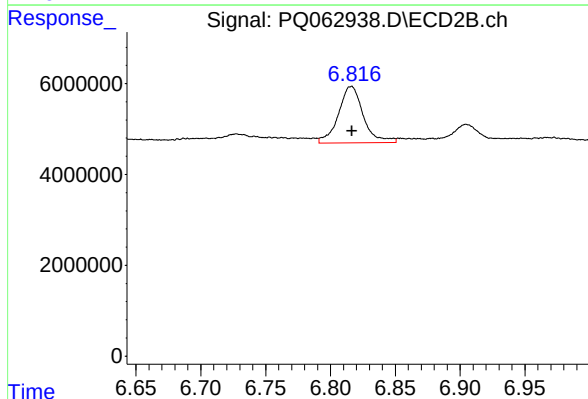
R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 20481440
Conc: 29.83 ng/ml



#43 AR-1268-3

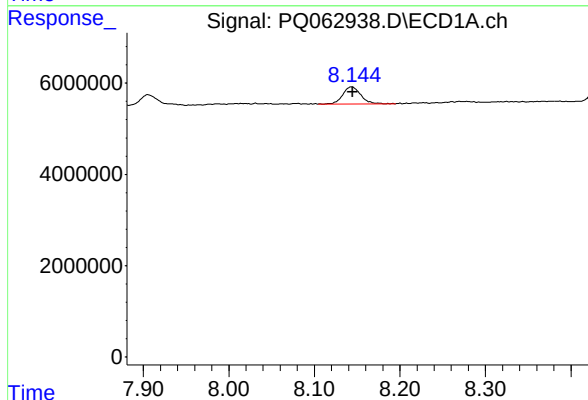
R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 11969889
Conc: 24.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



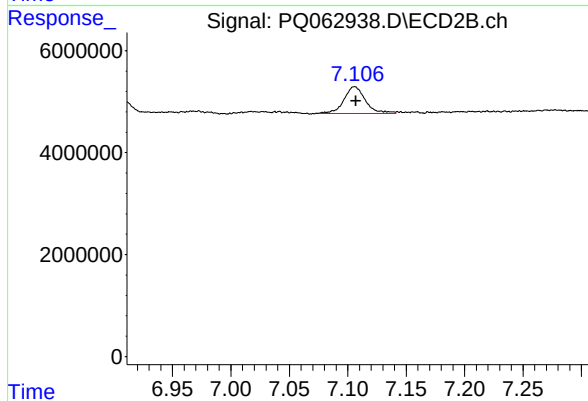
#43 AR-1268-3

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 16563687
Conc: 28.22 ng/ml



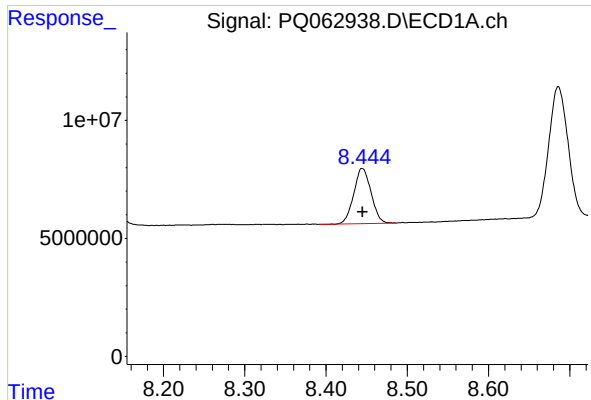
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: -0.001 min
Response: 5497256
Conc: 25.62 ng/ml



#44 AR-1268-4

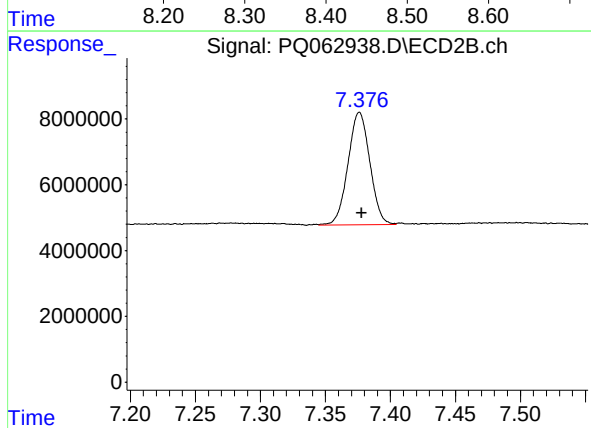
R.T.: 7.106 min
Delta R.T.: -0.001 min
Response: 6621122
Conc: 26.00 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 34519857
Conc: 22.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 39943618
Conc: 22.55 ng/ml