

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 16:48
 Operator : YP\AJ
 Sample : PB154700BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 01:13:33 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	119.8E6	90112570	22.286	21.849
2) SA Decachlor...	8.687	7.596	96950352	103.5E6	25.040	23.923
Target Compounds						
3) L1 AR-1016-1	4.581	3.804	278261	119538	1.430	0.750 #
4) L1 AR-1016-2	4.581	3.818	278261	90522	1.003	0.424 #
5) L1 AR-1016-3	4.642	3.977	367817	38459	2.151	0.322 #
6) L1 AR-1016-4	4.737	4.028	396254	136767	2.816	1.410 #
7) L1 AR-1016-5	5.009	4.226	156914	215697	1.140	1.714 #
8) L2 AR-1221-1	3.663	2.993	702753	37476	10.328	0.683 #
9) L2 AR-1221-2	3.734	3.075	1865781	55902	39.106	1.482 #
10) L2 AR-1221-3	3.819	3.132	320175	21653	2.075	0.180 #
11) L3 AR-1232-1	3.819	3.132	320175	21653	2.478	0.222 #
12) L3 AR-1232-2	4.288	3.818	214210	90522	3.071	0.931 #
13) L3 AR-1232-3	4.581	3.977	278261	38459	2.277	0.724 #
14) L3 AR-1232-4	4.737	4.058	396254	180292	6.567	3.928 #
15) L3 AR-1232-5	4.822	4.226	129274	215697	2.962	3.978 #
16) L4 AR-1242-1	4.581	3.791	278261	246772	1.649	1.709
17) L4 AR-1242-2	4.581	3.818	278261	90522	1.154	0.476 #
18) L4 AR-1242-3	4.642	3.977	367817	38459	2.511	0.356 #
19) L4 AR-1242-4	4.737	4.058	396254	180292	3.202	1.810 #
20) L4 AR-1242-5	5.458	4.562	1226639	157928	9.282	1.168 #
21) L5 AR-1248-1	4.581	3.791	278261	246772	2.090	2.209
22) L5 AR-1248-2	4.822	4.028	129274	136767	0.740	0.866
23) L5 AR-1248-3	5.009	4.058	156914	180292	0.742	1.182 #
24) L5 AR-1248-4	5.417	4.217	1554256	100798	6.523	0.530 #
25) L5 AR-1248-5	5.458	4.596	1226639	264493	5.279	1.368 #
26) L6 AR-1254-1	5.394	4.562	4995782	157928	22.811	0.589 #
27) L6 AR-1254-2	5.607	4.701	427212	196511	1.262	0.837 #
28) L6 AR-1254-3	5.948	5.090	1805943	835950	5.037	2.211 #
29) L6 AR-1254-4	6.259	5.315	923084	2340822	3.407	9.582 #
30) L6 AR-1254-5	0.000	5.733	0	2133014	N.D.	6.180 #
31) L7 AR-1260-1	6.139	5.248	852942	10203952	3.337	40.885 #
32) L7 AR-1260-2	6.441f	5.410	1307215	2987662	4.307	9.701 #
33) L7 AR-1260-3	6.738	5.580	176675	8411883	0.838	27.147 #
34) L7 AR-1260-4	6.975	6.028	858317	841810	3.581	3.433
35) L7 AR-1260-5	7.284	6.278	157455	1226076	0.336	2.243 #
36) L8 AR-1262-1	6.738	5.810	176675	280118	0.547	1.962 #
37) L8 AR-1262-2	7.284	6.028	157455	841810	0.290	2.694 #
38) L8 AR-1262-3	0.000	6.540	0	12379050	N.D.	49.106 #
39) L8 AR-1262-4	7.651	6.611	3550587	4130308	12.668	8.835 #
40) L8 AR-1262-5	8.156	7.099	445451	125926	2.370	0.573 #
41) L9 AR-1268-1	0.000	6.540	0	12379050	N.D.	16.588 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 01:13:33 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

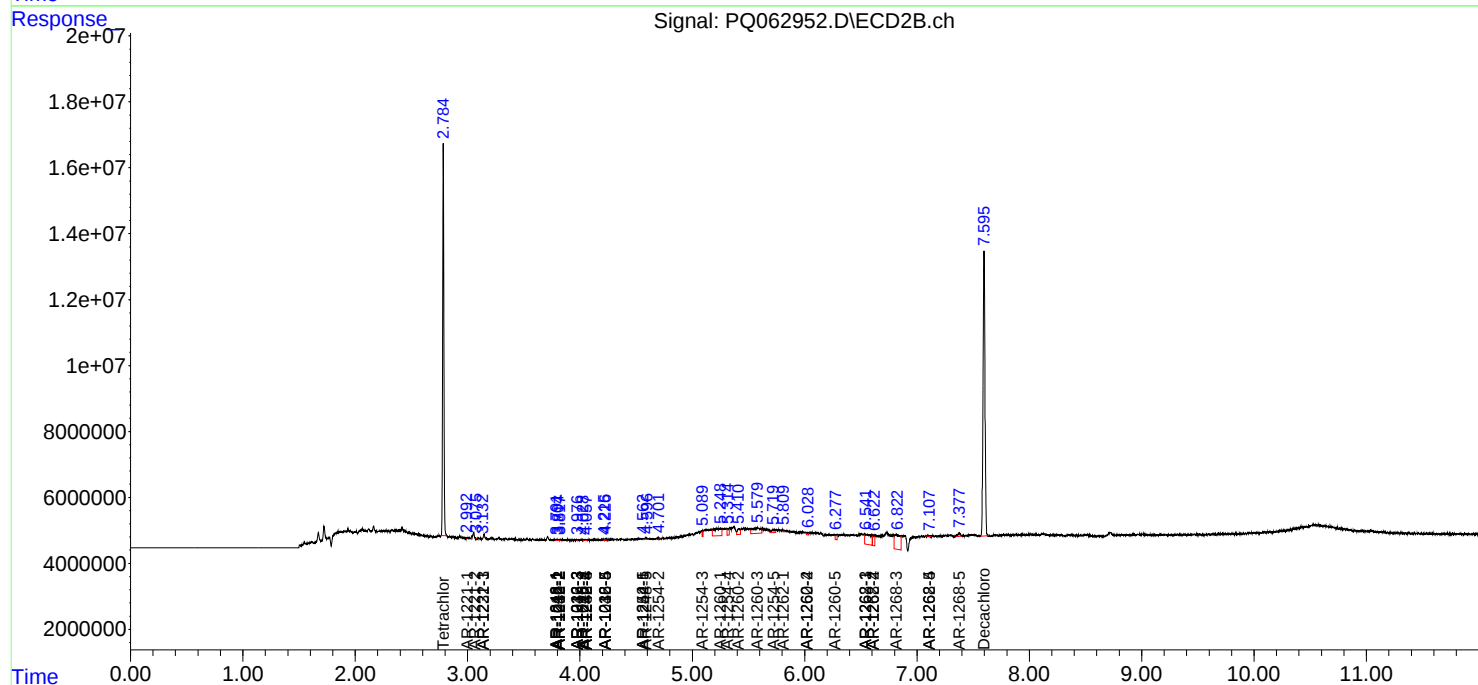
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

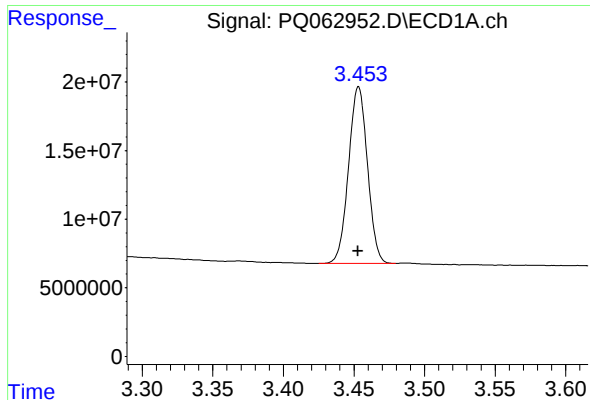
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.651	6.611	3550587	4130308	5.921	6.015
43) L9	AR-1268-3	7.823	6.815	6317481	15535337	12.831	26.469 #
44) L9	AR-1268-4	8.156	7.099	445451	125926	2.076	0.495 #
45) L9	AR-1268-5	8.448	7.377	1092695	1431348	0.709	0.808

(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

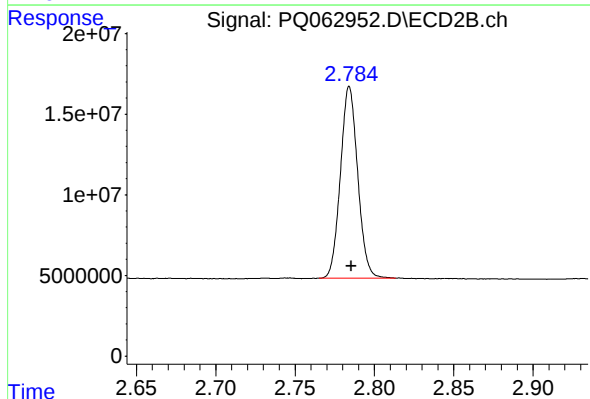




#1 Tetrachloro-m-xylene

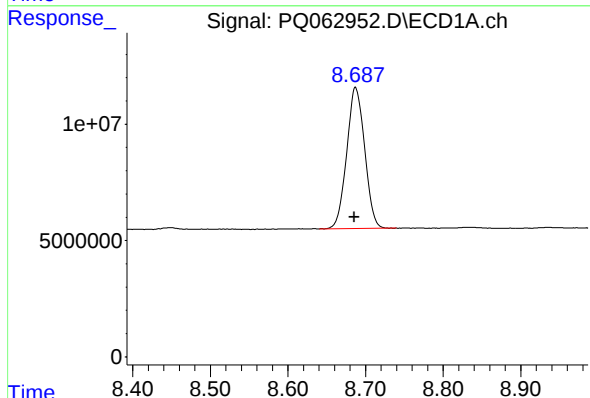
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 119753122
Conc: 22.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



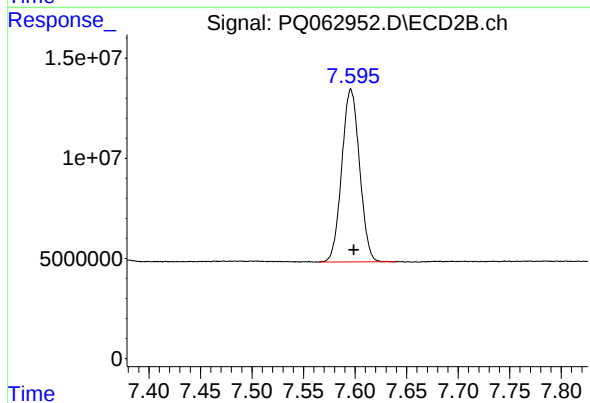
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.001 min
Response: 90112570
Conc: 21.85 ng/ml



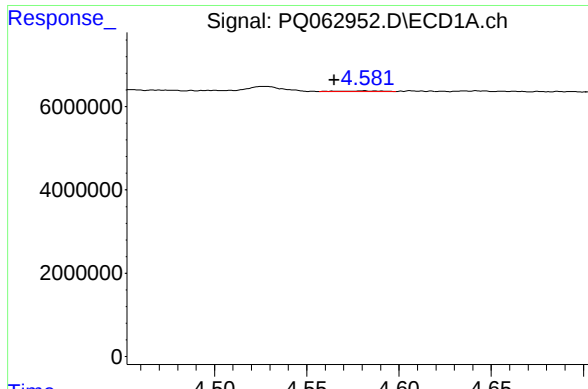
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 96950352
Conc: 25.04 ng/ml



#2 Decachlorobiphenyl

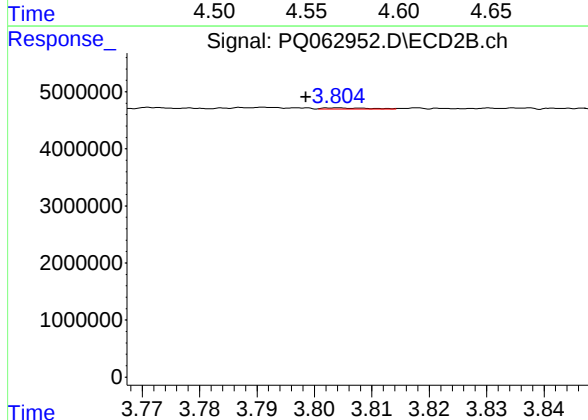
R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 103476968
Conc: 23.92 ng/ml



#3 AR-1016-1

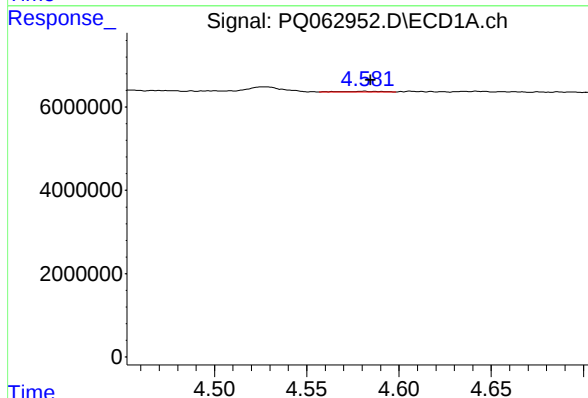
R.T.: 4.581 min
Delta R.T.: 0.016 min
Response: 278261
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



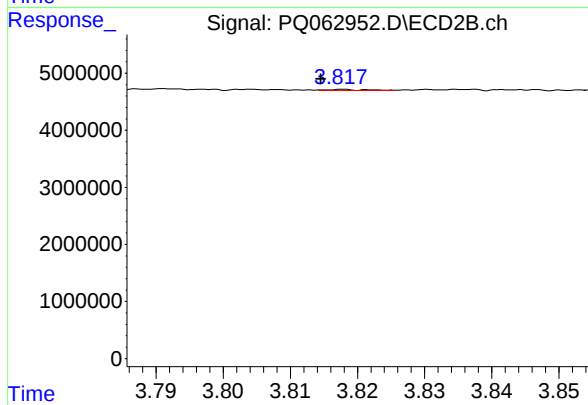
#3 AR-1016-1

R.T.: 3.804 min
Delta R.T.: 0.006 min
Response: 119538
Conc: 0.75 ng/ml



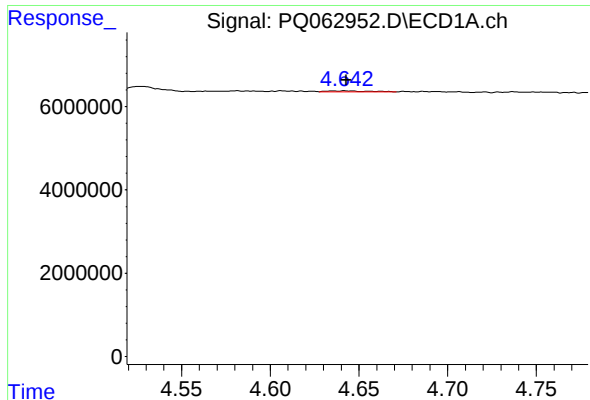
#4 AR-1016-2

R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 278261
Conc: 1.00 ng/ml



#4 AR-1016-2

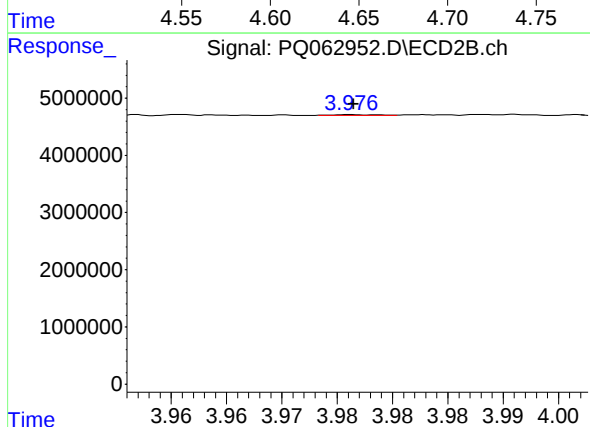
R.T.: 3.818 min
Delta R.T.: 0.003 min
Response: 90522
Conc: 0.42 ng/ml



#5 AR-1016-3

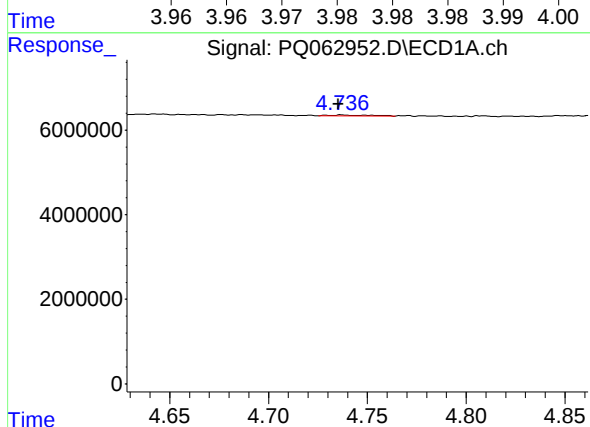
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 367817
Conc: 2.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



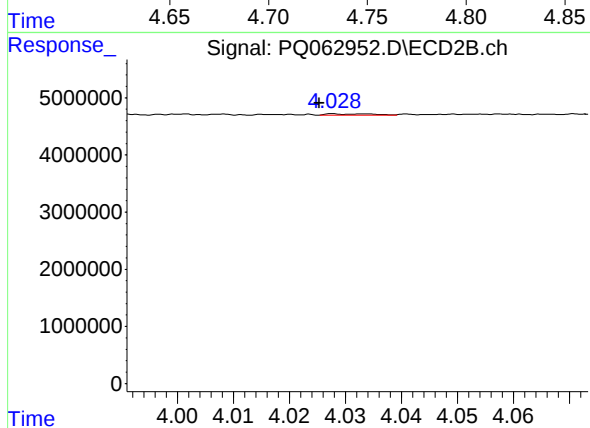
#5 AR-1016-3

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 38459
Conc: 0.32 ng/ml



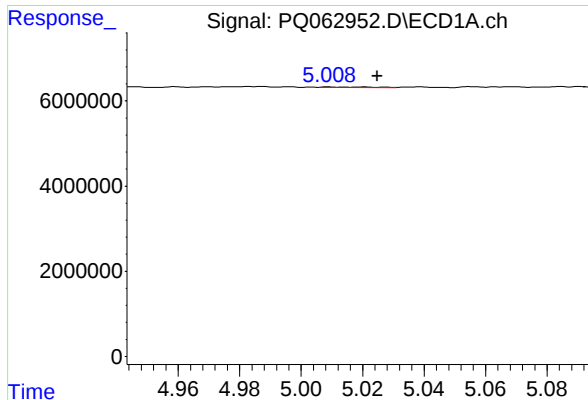
#6 AR-1016-4

R.T.: 4.737 min
Delta R.T.: 0.002 min
Response: 396254
Conc: 2.82 ng/ml



#6 AR-1016-4

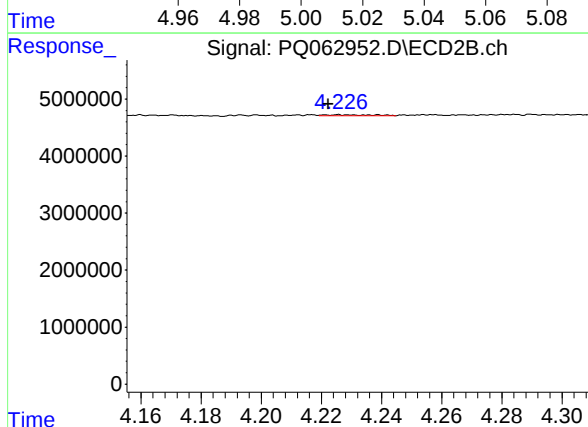
R.T.: 4.028 min
Delta R.T.: 0.003 min
Response: 136767
Conc: 1.41 ng/ml



#7 AR-1016-5

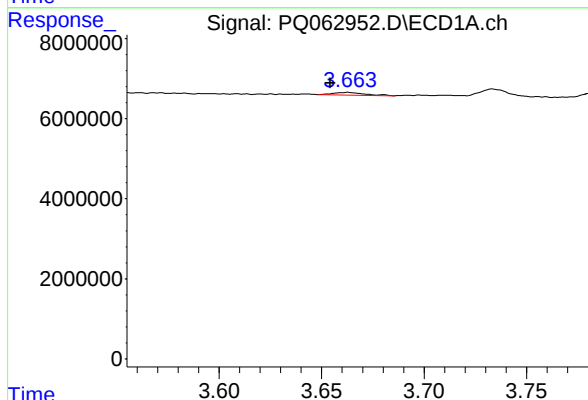
R.T.: 5.009 min
Delta R.T.: -0.016 min
Response: 156914
Conc: 1.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



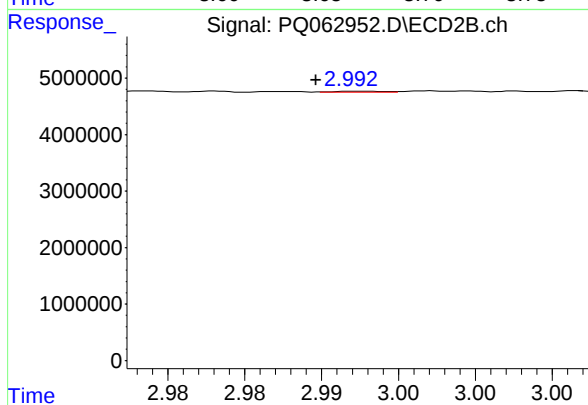
#7 AR-1016-5

R.T.: 4.226 min
Delta R.T.: 0.003 min
Response: 215697
Conc: 1.71 ng/ml



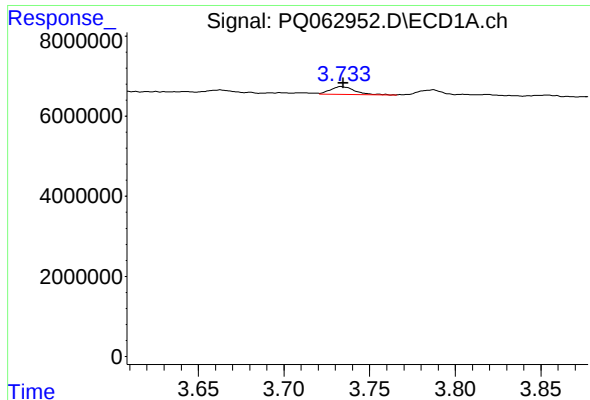
#8 AR-1221-1

R.T.: 3.663 min
Delta R.T.: 0.008 min
Response: 702753
Conc: 10.33 ng/ml



#8 AR-1221-1

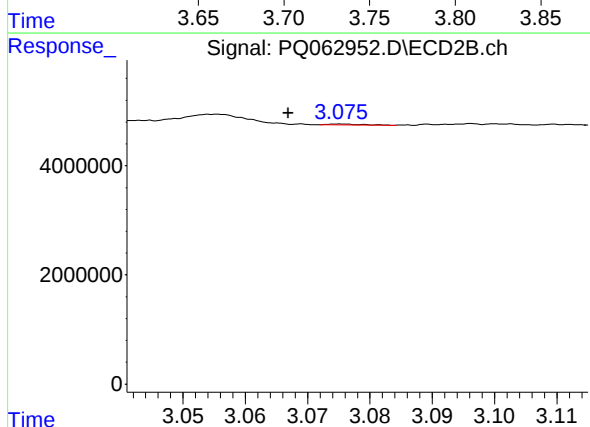
R.T.: 2.993 min
Delta R.T.: 0.003 min
Response: 37476
Conc: 0.68 ng/ml



#9 AR-1221-2

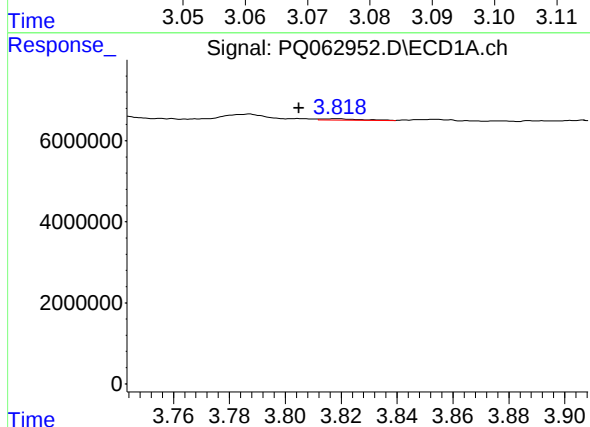
R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 1865781
Conc: 39.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



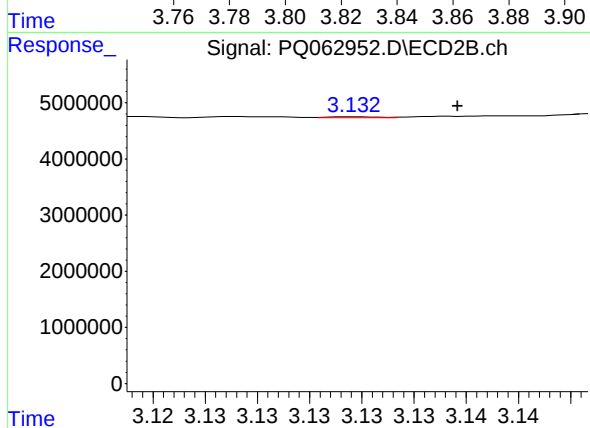
#9 AR-1221-2

R.T.: 3.075 min
Delta R.T.: 0.008 min
Response: 55902
Conc: 1.48 ng/ml



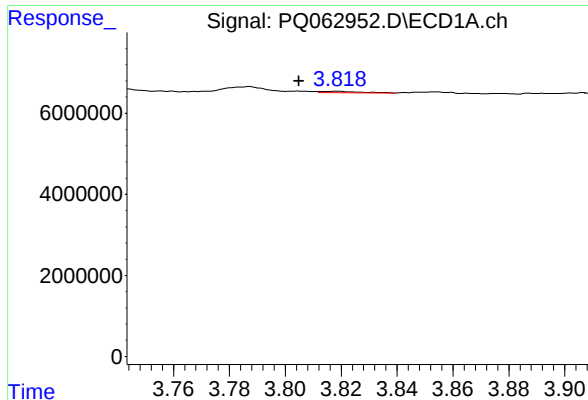
#10 AR-1221-3

R.T.: 3.819 min
Delta R.T.: 0.014 min
Response: 320175
Conc: 2.07 ng/ml



#10 AR-1221-3

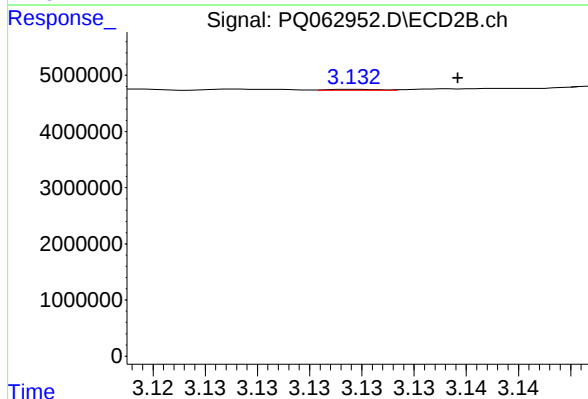
R.T.: 3.132 min
Delta R.T.: -0.004 min
Response: 21653
Conc: 0.18 ng/ml



#11 AR-1232-1

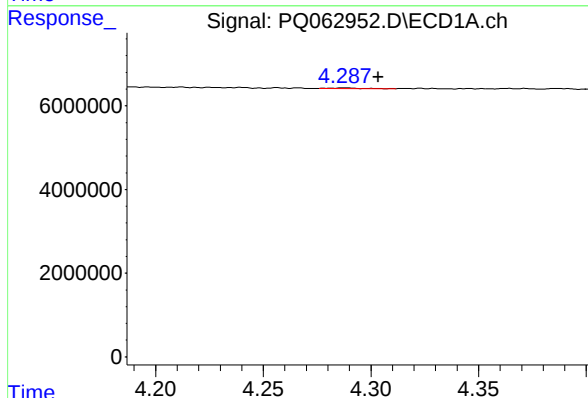
R.T.: 3.819 min
Delta R.T.: 0.014 min
Response: 320175
Conc: 2.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



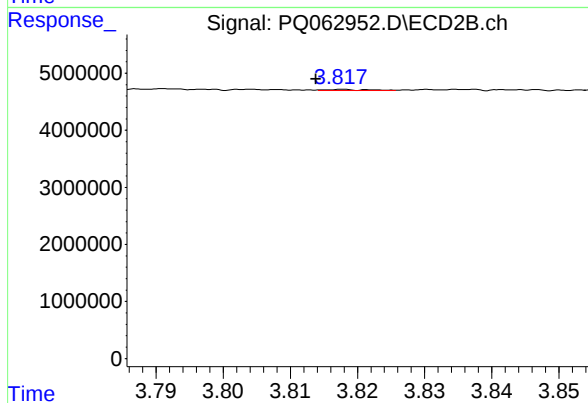
#11 AR-1232-1

R.T.: 3.132 min
Delta R.T.: -0.004 min
Response: 21653
Conc: 0.22 ng/ml



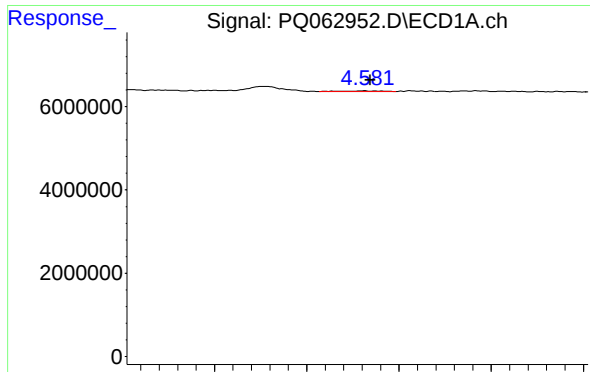
#12 AR-1232-2

R.T.: 4.288 min
Delta R.T.: -0.016 min
Response: 214210
Conc: 3.07 ng/ml



#12 AR-1232-2

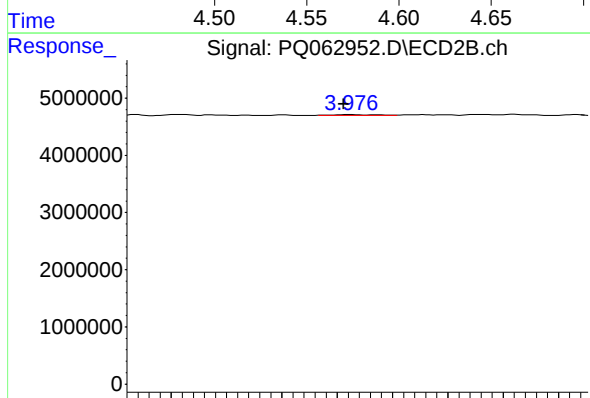
R.T.: 3.818 min
Delta R.T.: 0.004 min
Response: 90522
Conc: 0.93 ng/ml



#13 AR-1232-3

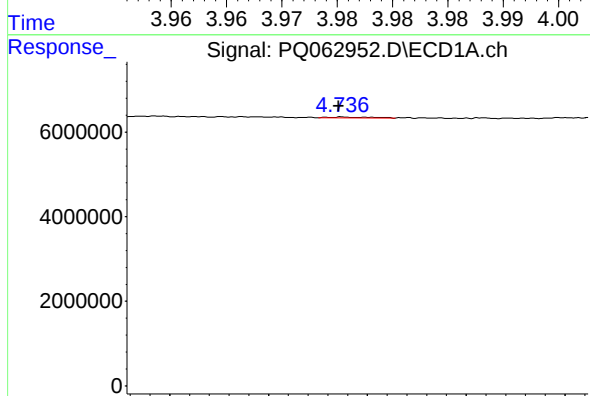
R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 278261
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



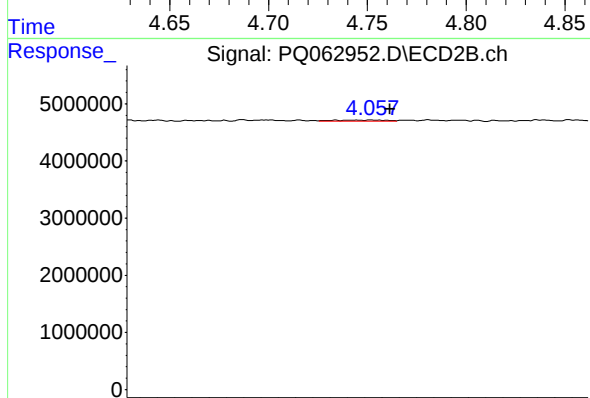
#13 AR-1232-3

R.T.: 3.977 min
Delta R.T.: 0.001 min
Response: 38459
Conc: 0.72 ng/ml



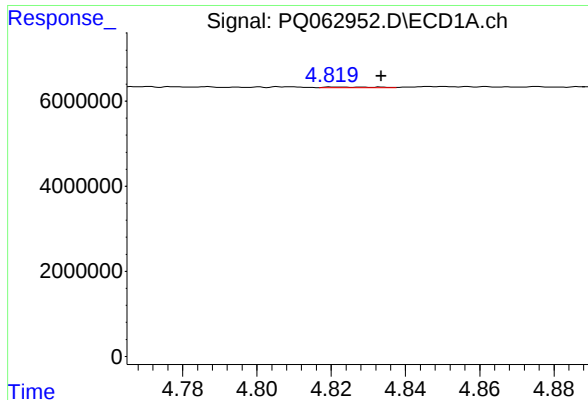
#14 AR-1232-4

R.T.: 4.737 min
Delta R.T.: 0.002 min
Response: 396254
Conc: 6.57 ng/ml



#14 AR-1232-4

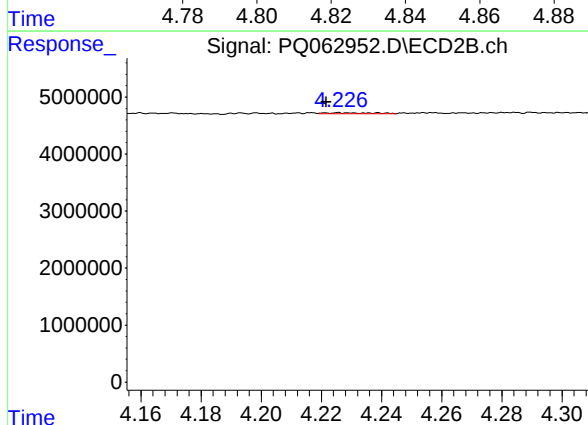
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 180292
Conc: 3.93 ng/ml



#15 AR-1232-5

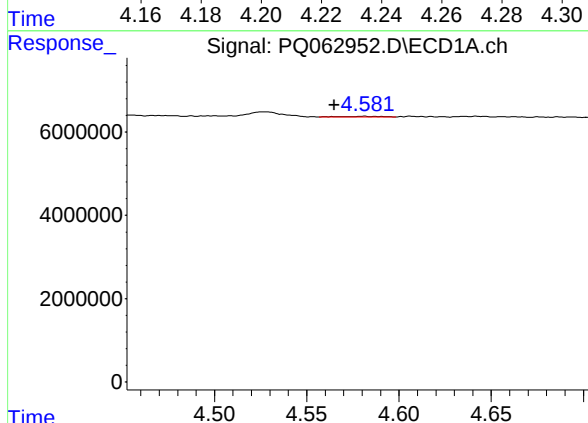
R.T.: 4.822 min
Delta R.T.: -0.012 min
Response: 129274
Conc: 2.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



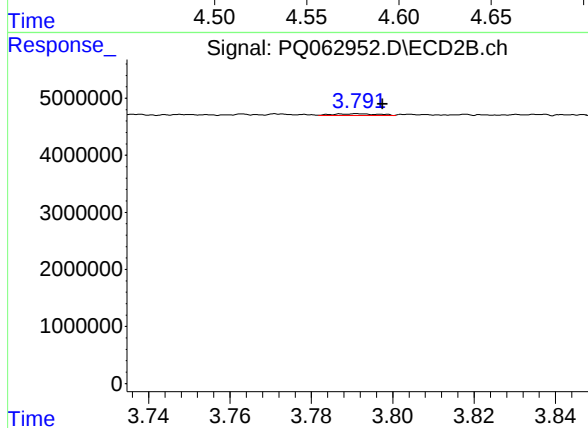
#15 AR-1232-5

R.T.: 4.226 min
Delta R.T.: 0.004 min
Response: 215697
Conc: 3.98 ng/ml



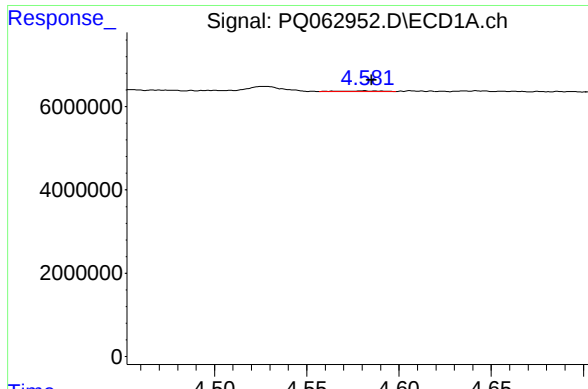
#16 AR-1242-1

R.T.: 4.581 min
Delta R.T.: 0.016 min
Response: 278261
Conc: 1.65 ng/ml



#16 AR-1242-1

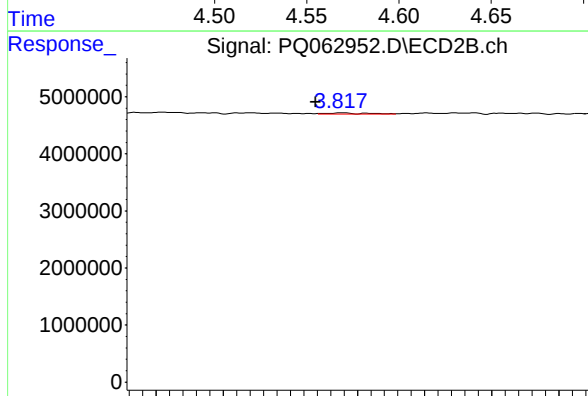
R.T.: 3.791 min
Delta R.T.: -0.006 min
Response: 246772
Conc: 1.71 ng/ml



#17 AR-1242-2

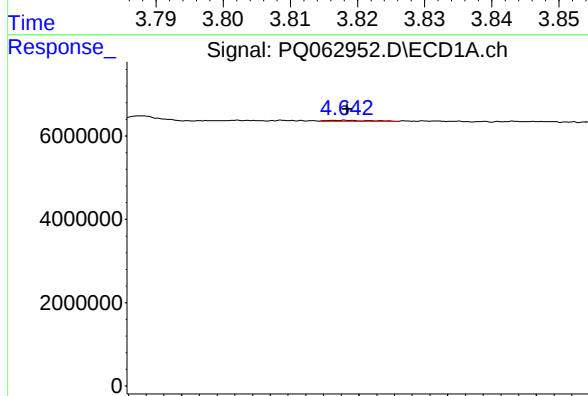
R.T.: 4.581 min
Delta R.T.: -0.004 min
Response: 278261
Conc: 1.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



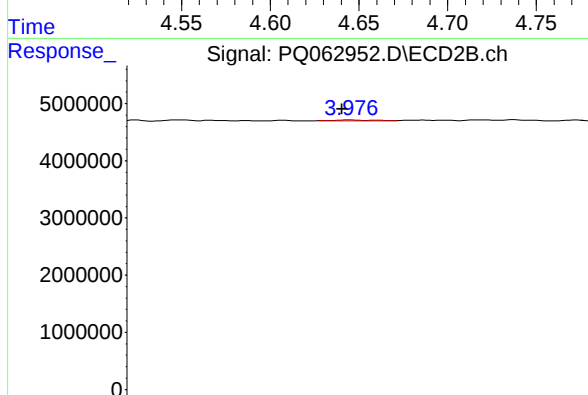
#17 AR-1242-2

R.T.: 3.818 min
Delta R.T.: 0.004 min
Response: 90522
Conc: 0.48 ng/ml



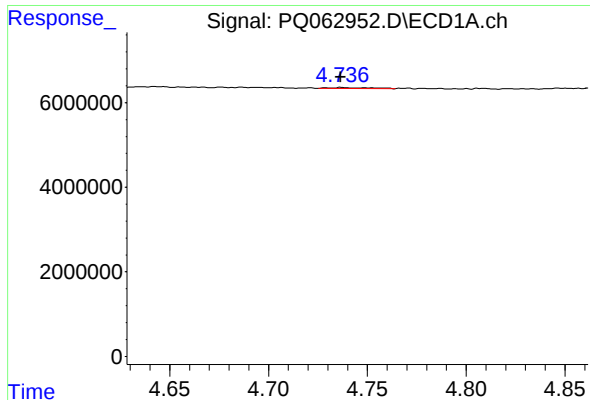
#18 AR-1242-3

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 367817
Conc: 2.51 ng/ml



#18 AR-1242-3

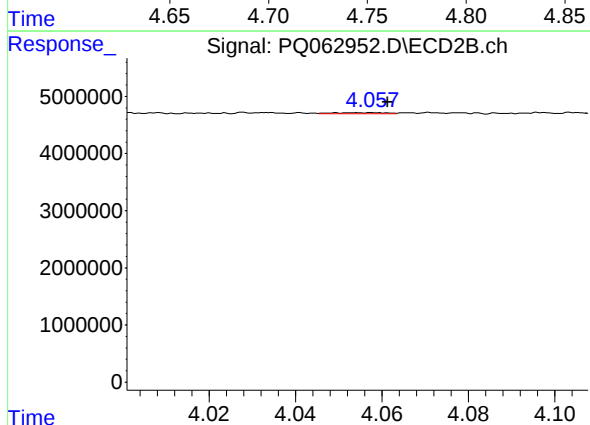
R.T.: 3.977 min
Delta R.T.: 0.001 min
Response: 38459
Conc: 0.36 ng/ml



#19 AR-1242-4

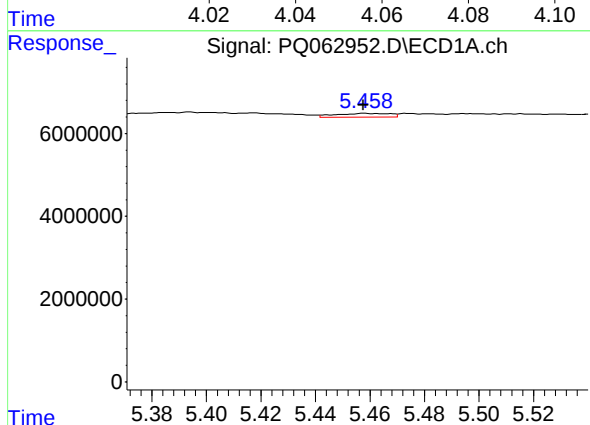
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 396254
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



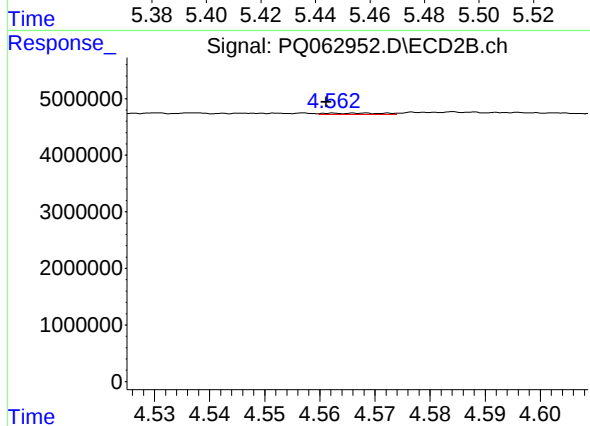
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 180292
Conc: 1.81 ng/ml



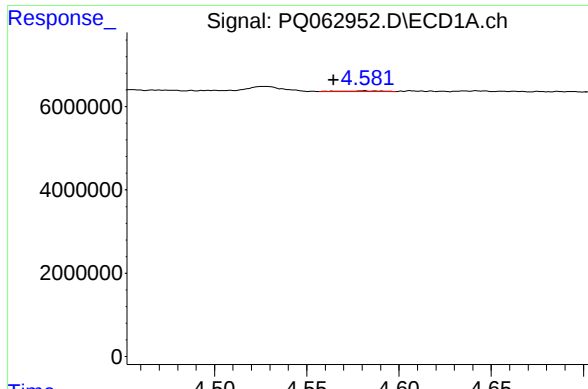
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 1226639
Conc: 9.28 ng/ml



#20 AR-1242-5

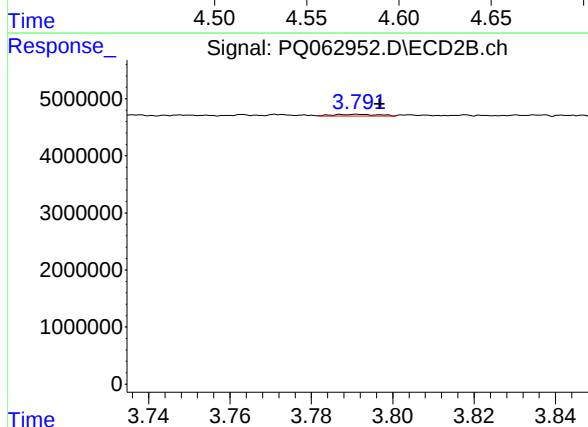
R.T.: 4.562 min
Delta R.T.: 0.001 min
Response: 157928
Conc: 1.17 ng/ml



#21 AR-1248-1

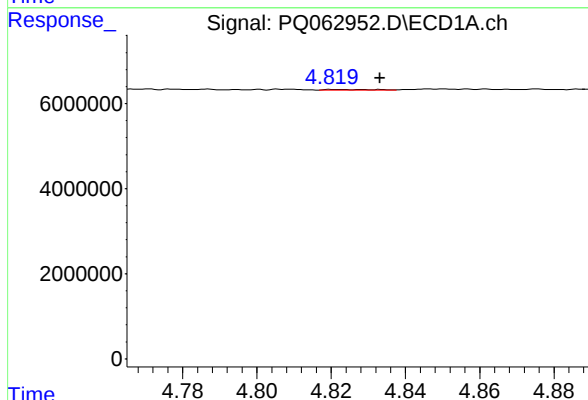
R.T.: 4.581 min
Delta R.T.: 0.017 min
Response: 278261
Conc: 2.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



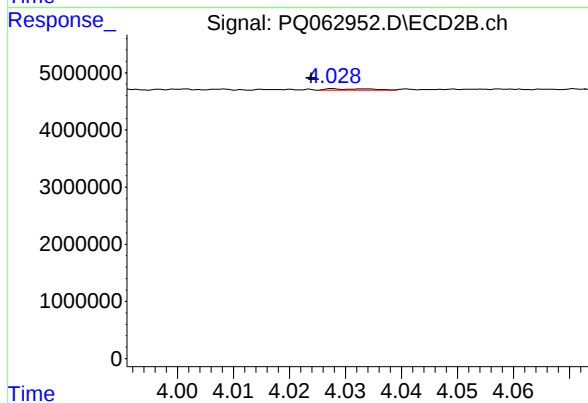
#21 AR-1248-1

R.T.: 3.791 min
Delta R.T.: -0.005 min
Response: 246772
Conc: 2.21 ng/ml



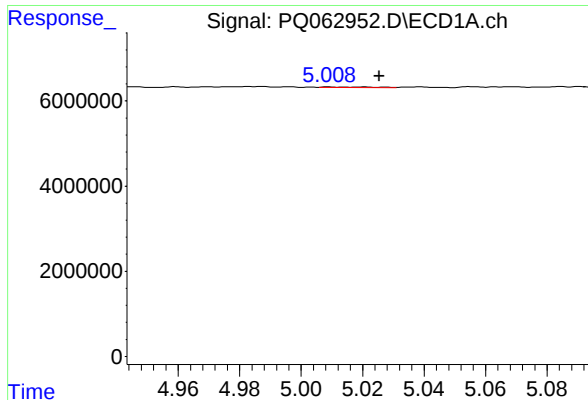
#22 AR-1248-2

R.T.: 4.822 min
Delta R.T.: -0.012 min
Response: 129274
Conc: 0.74 ng/ml



#22 AR-1248-2

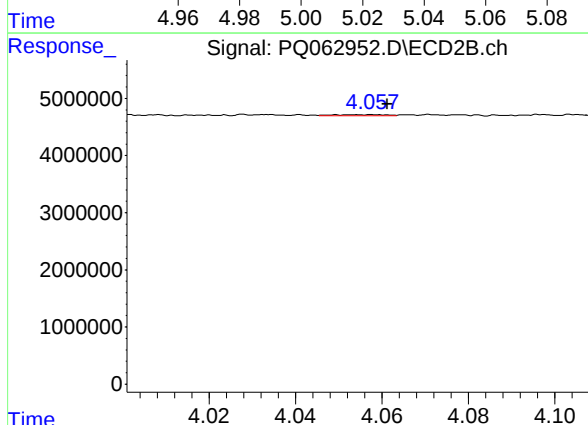
R.T.: 4.028 min
Delta R.T.: 0.004 min
Response: 136767
Conc: 0.87 ng/ml



#23 AR-1248-3

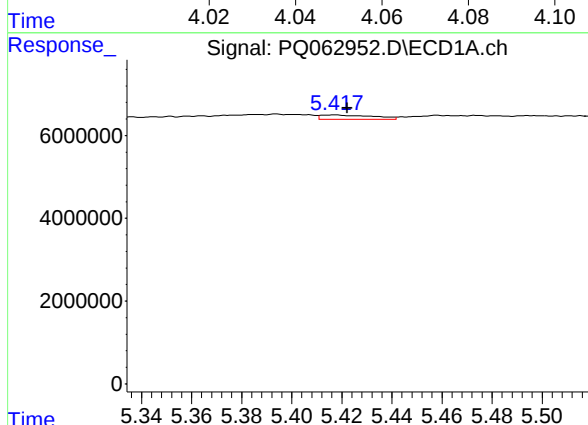
R.T.: 5.009 min
Delta R.T.: -0.017 min
Response: 156914
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



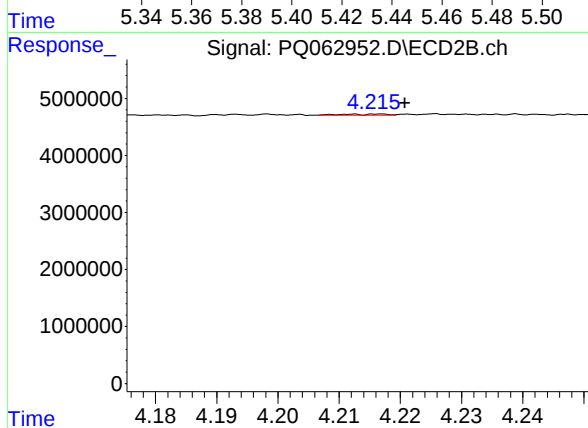
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 180292
Conc: 1.18 ng/ml



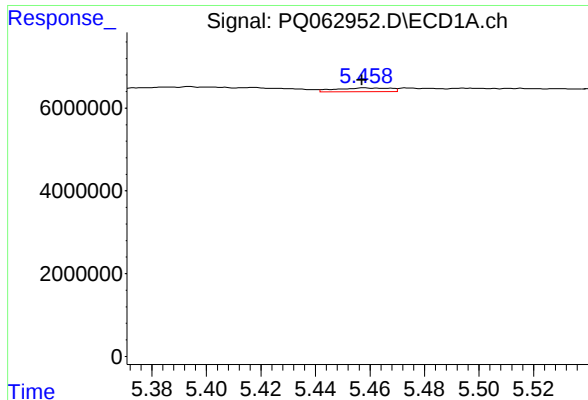
#24 AR-1248-4

R.T.: 5.417 min
Delta R.T.: -0.005 min
Response: 1554256
Conc: 6.52 ng/ml



#24 AR-1248-4

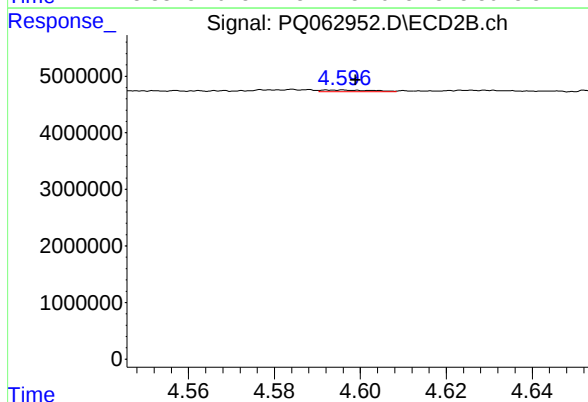
R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 100798
Conc: 0.53 ng/ml



#25 AR-1248-5

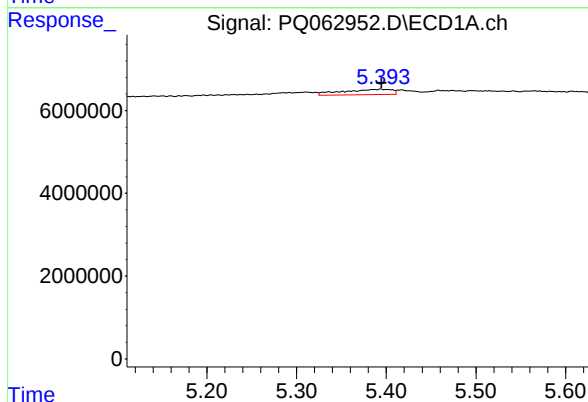
R.T.: 5.458 min
Delta R.T.: 0.001 min
Response: 1226639
Conc: 5.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



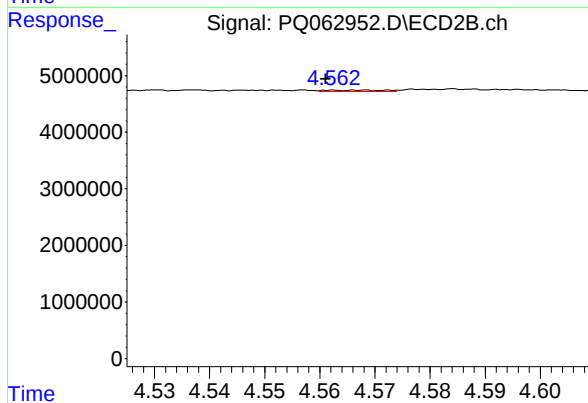
#25 AR-1248-5

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 264493
Conc: 1.37 ng/ml



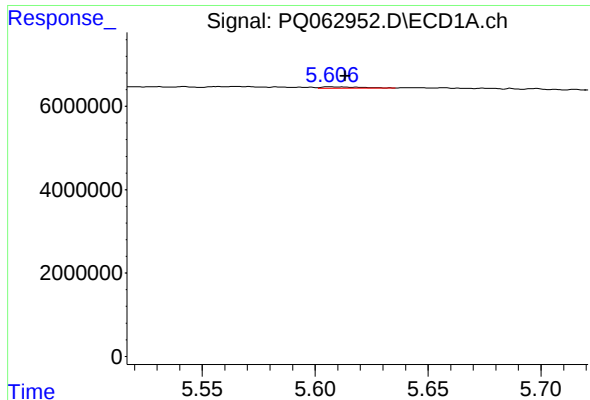
#26 AR-1254-1

R.T.: 5.394 min
Delta R.T.: -0.001 min
Response: 4995782
Conc: 22.81 ng/ml



#26 AR-1254-1

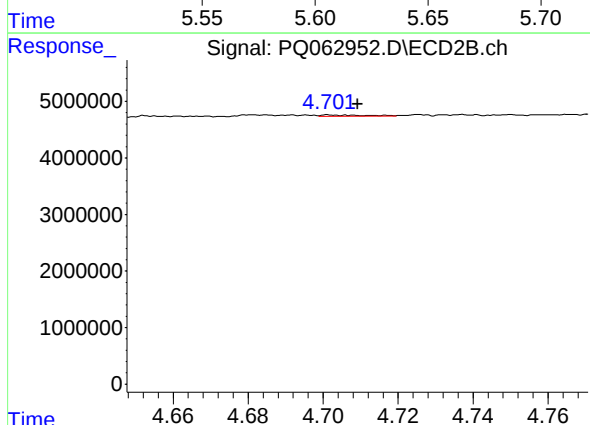
R.T.: 4.562 min
Delta R.T.: 0.001 min
Response: 157928
Conc: 0.59 ng/ml



#27 AR-1254-2

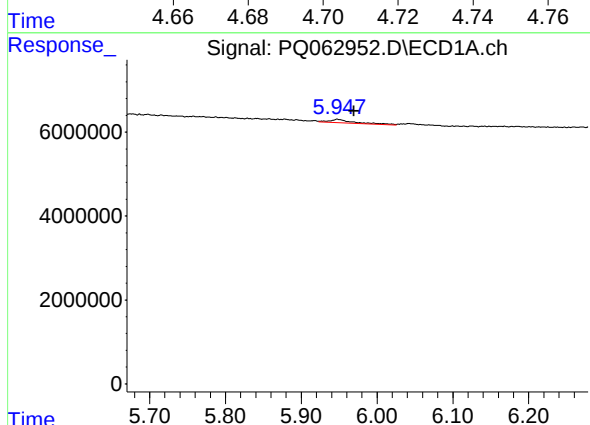
R.T.: 5.607 min
Delta R.T.: -0.007 min
Response: 427212
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



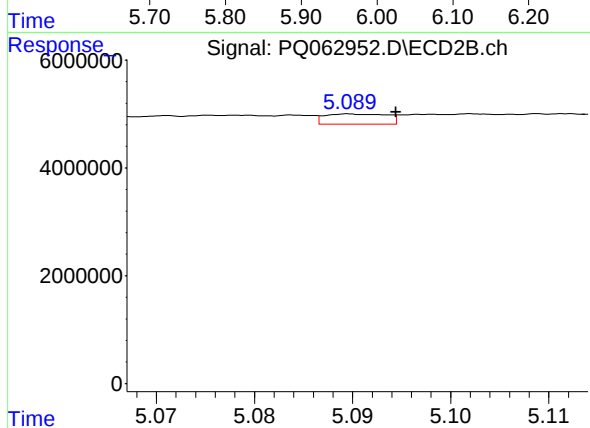
#27 AR-1254-2

R.T.: 4.701 min
Delta R.T.: -0.008 min
Response: 196511
Conc: 0.84 ng/ml



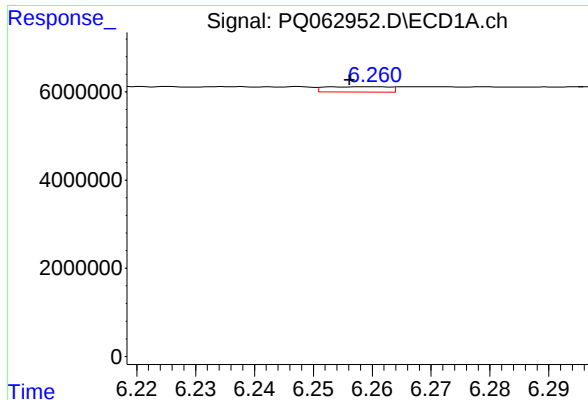
#28 AR-1254-3

R.T.: 5.948 min
Delta R.T.: -0.022 min
Response: 1805943
Conc: 5.04 ng/ml



#28 AR-1254-3

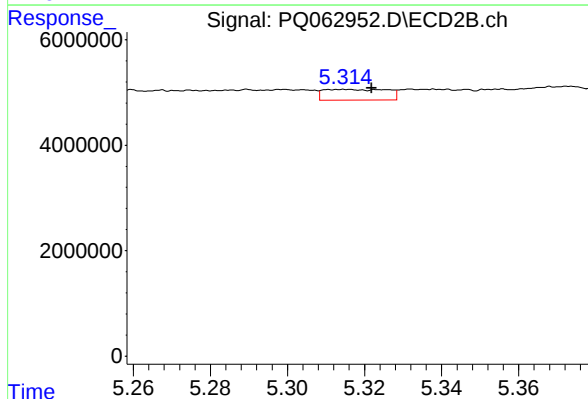
R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 835950
Conc: 2.21 ng/ml



#29 AR-1254-4

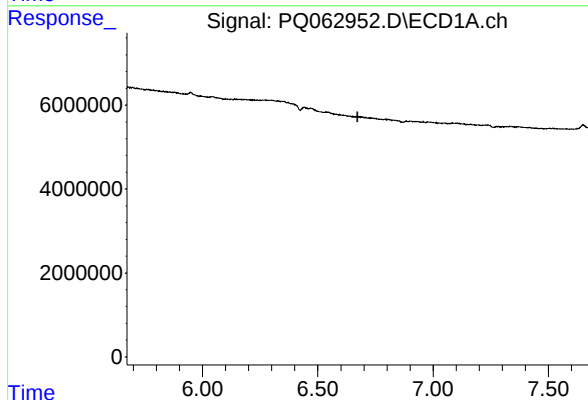
R.T.: 6.259 min
Delta R.T.: 0.003 min
Response: 923084
Conc: 3.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



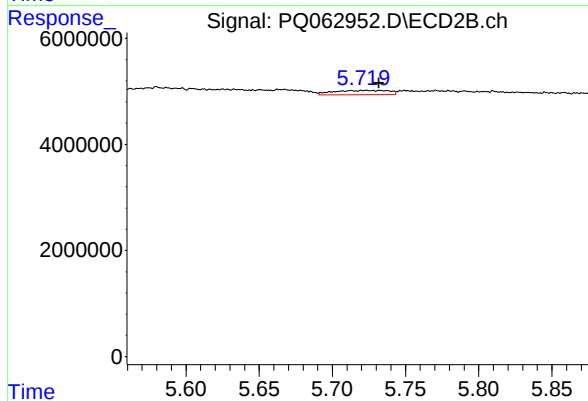
#29 AR-1254-4

R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 2340822
Conc: 9.58 ng/ml



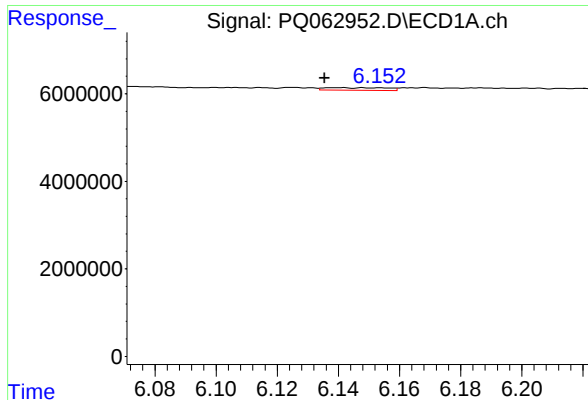
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.672 min
Response: 0
Conc: N.D.



#30 AR-1254-5

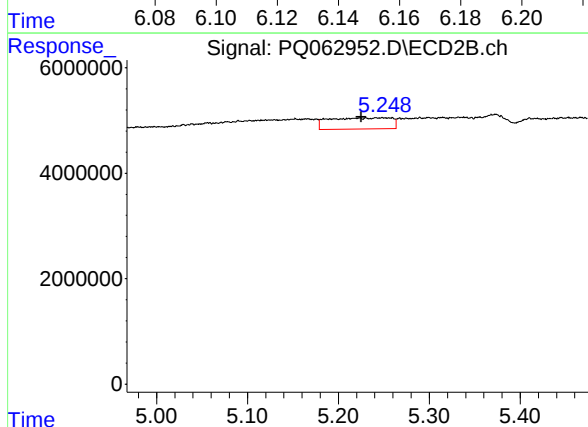
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 2133014
Conc: 6.18 ng/ml



#31 AR-1260-1

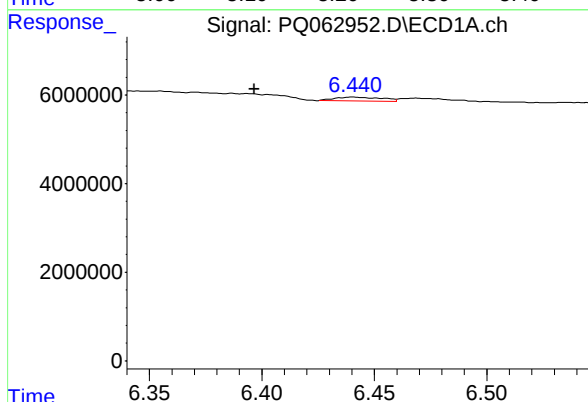
R.T.: 6.139 min
Delta R.T.: 0.003 min
Response: 852942
Conc: 3.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



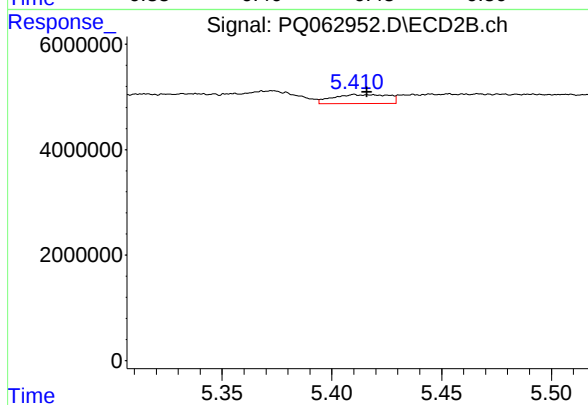
#31 AR-1260-1

R.T.: 5.248 min
Delta R.T.: 0.023 min
Response: 10203952
Conc: 40.88 ng/ml



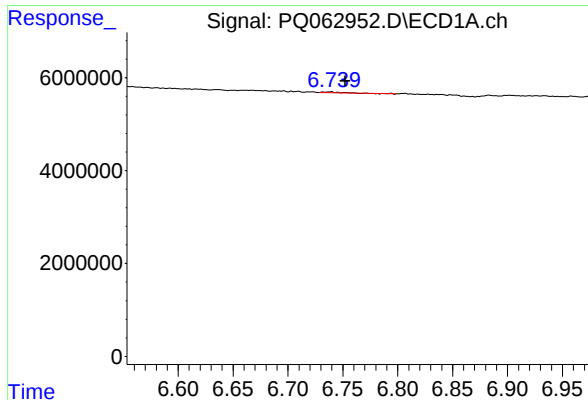
#32 AR-1260-2

R.T.: 6.441 min
Delta R.T.: 0.044 min
Response: 1307215
Conc: 4.31 ng/ml



#32 AR-1260-2

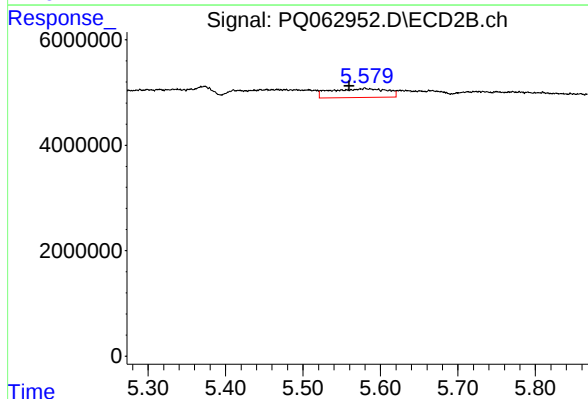
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 2987662
Conc: 9.70 ng/ml



#33 AR-1260-3

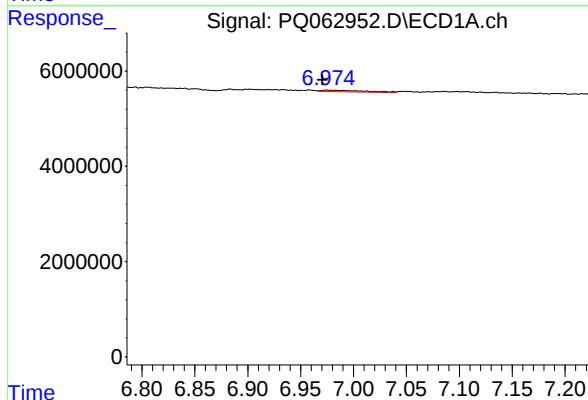
R.T.: 6.738 min
Delta R.T.: -0.014 min
Response: 176675
Conc: 0.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



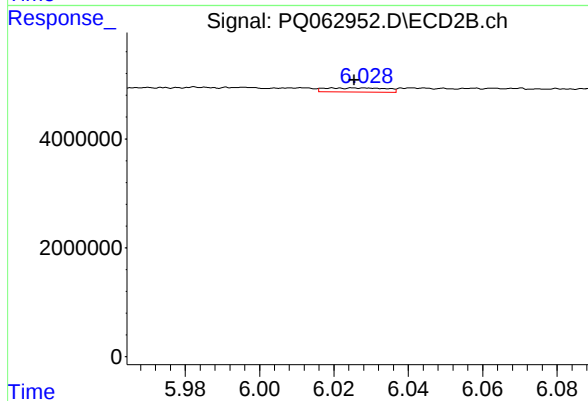
#33 AR-1260-3

R.T.: 5.580 min
Delta R.T.: 0.020 min
Response: 8411883
Conc: 27.15 ng/ml



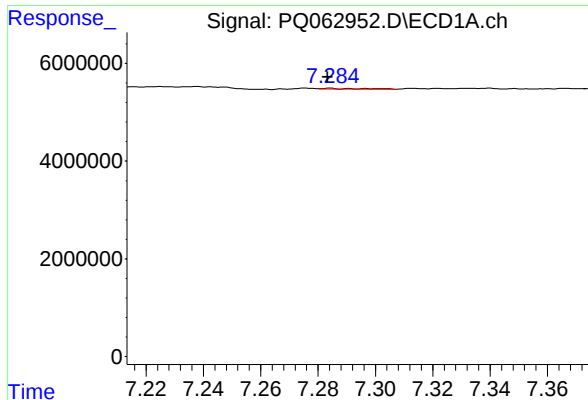
#34 AR-1260-4

R.T.: 6.975 min
Delta R.T.: 0.004 min
Response: 858317
Conc: 3.58 ng/ml



#34 AR-1260-4

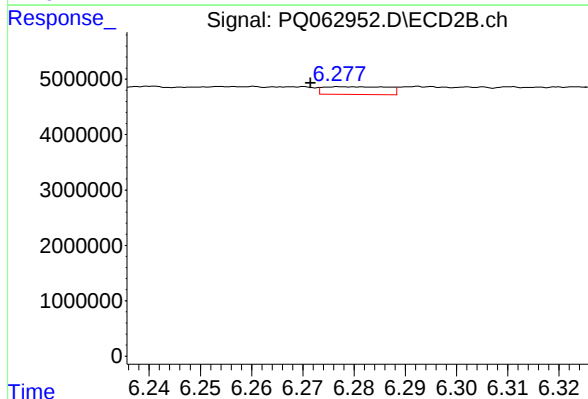
R.T.: 6.028 min
Delta R.T.: 0.003 min
Response: 841810
Conc: 3.43 ng/ml



#35 AR-1260-5

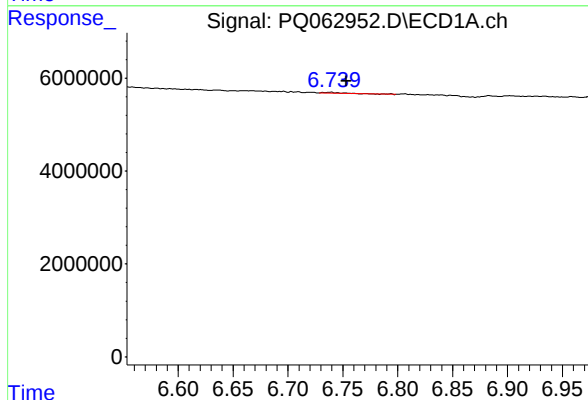
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 157455
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



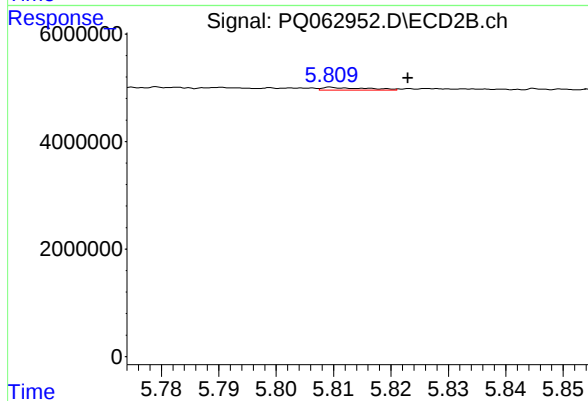
#35 AR-1260-5

R.T.: 6.278 min
Delta R.T.: 0.006 min
Response: 1226076
Conc: 2.24 ng/ml



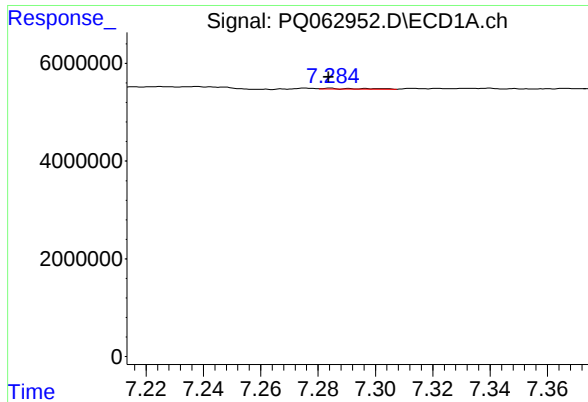
#36 AR-1262-1

R.T.: 6.738 min
Delta R.T.: -0.015 min
Response: 176675
Conc: 0.55 ng/ml



#36 AR-1262-1

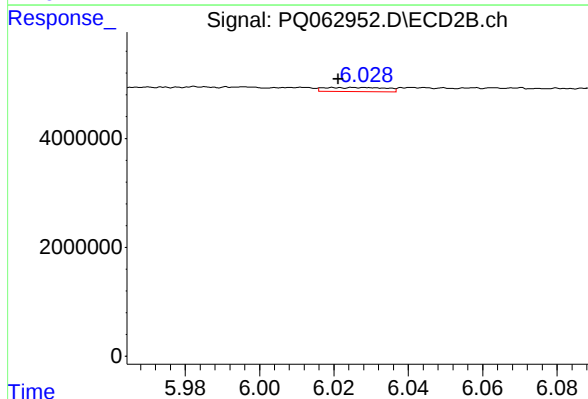
R.T.: 5.810 min
Delta R.T.: -0.013 min
Response: 280118
Conc: 1.96 ng/ml



#37 AR-1262-2

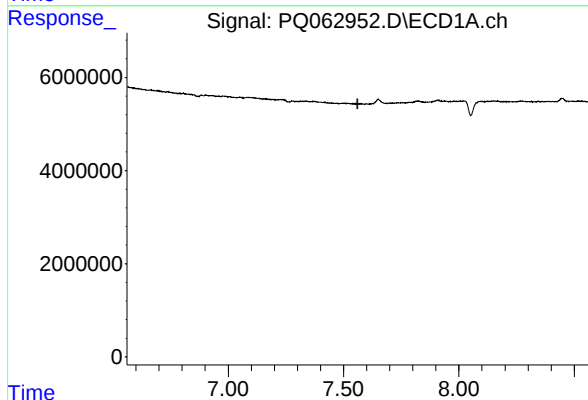
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 157455
Conc: 0.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



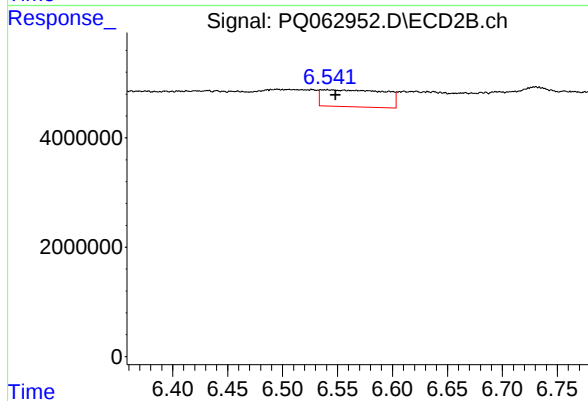
#37 AR-1262-2

R.T.: 6.028 min
Delta R.T.: 0.007 min
Response: 841810
Conc: 2.69 ng/ml



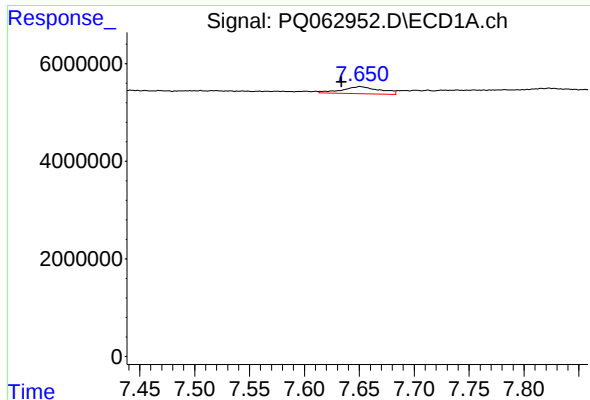
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.560 min
Response: 0
Conc: N.D.



#38 AR-1262-3

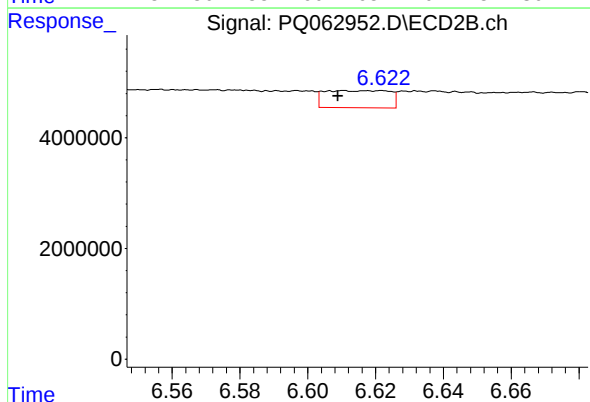
R.T.: 6.540 min
Delta R.T.: -0.008 min
Response: 12379050
Conc: 49.11 ng/ml



#39 AR-1262-4

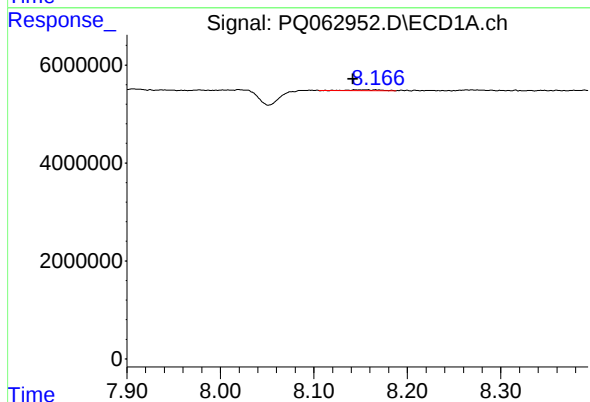
R.T.: 7.651 min
Delta R.T.: 0.017 min
Response: 3550587
Conc: 12.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



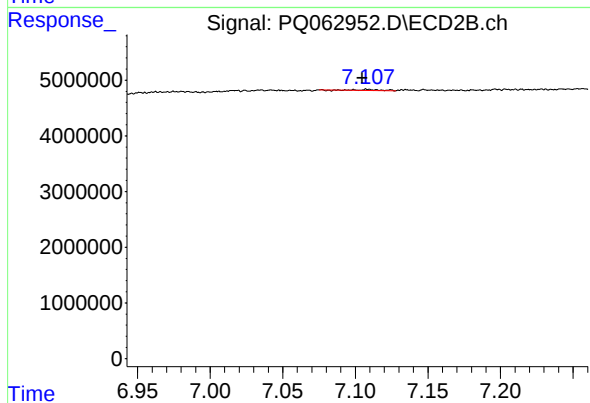
#39 AR-1262-4

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 4130308
Conc: 8.83 ng/ml



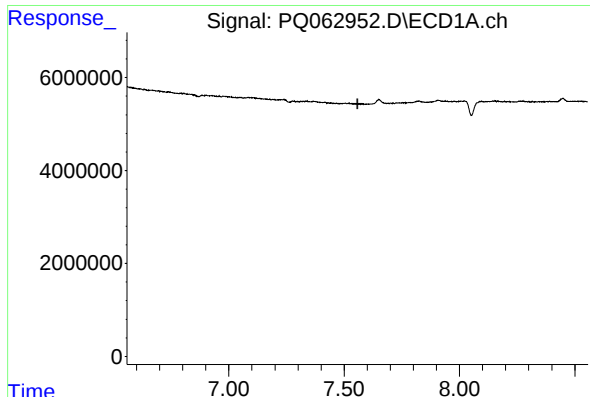
#40 AR-1262-5

R.T.: 8.156 min
Delta R.T.: 0.015 min
Response: 445451
Conc: 2.37 ng/ml



#40 AR-1262-5

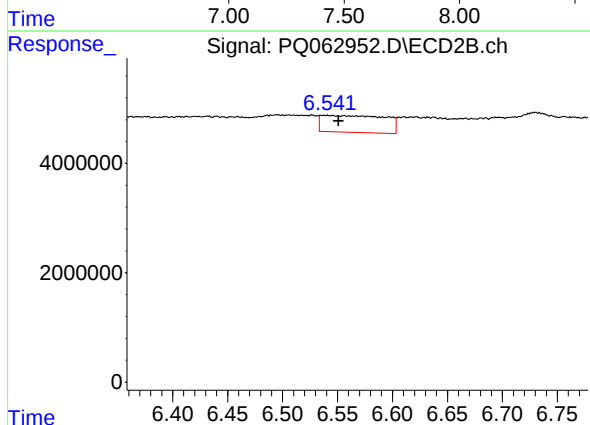
R.T.: 7.099 min
Delta R.T.: -0.006 min
Response: 125926
Conc: 0.57 ng/ml



#41 AR-1268-1

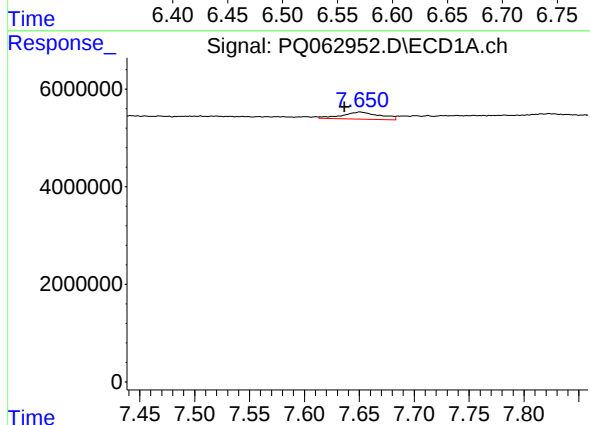
R.T.: 0.000 min
Exp R.T.: 7.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



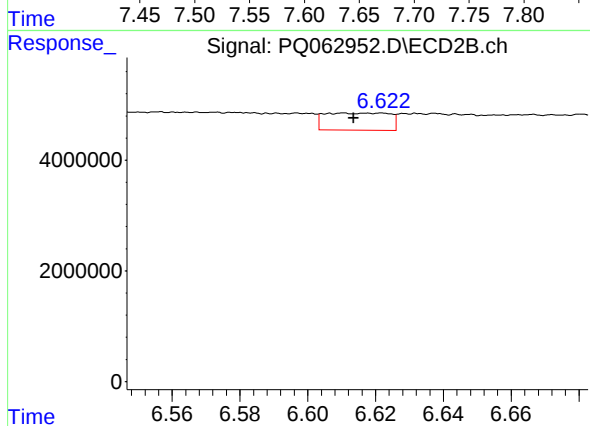
#41 AR-1268-1

R.T.: 6.540 min
Delta R.T.: -0.011 min
Response: 12379050
Conc: 16.59 ng/ml



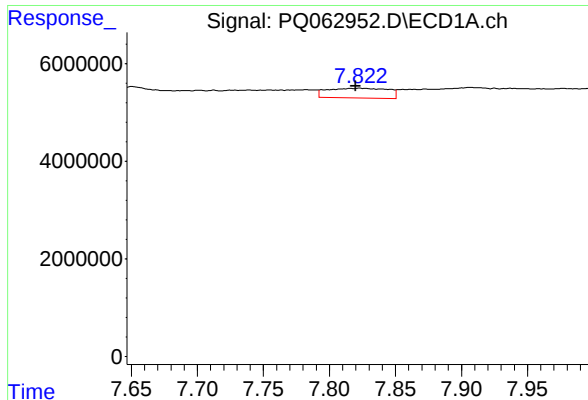
#42 AR-1268-2

R.T.: 7.651 min
Delta R.T.: 0.014 min
Response: 3550587
Conc: 5.92 ng/ml



#42 AR-1268-2

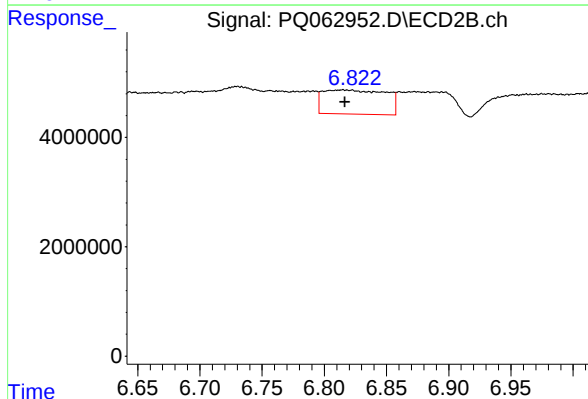
R.T.: 6.611 min
Delta R.T.: -0.003 min
Response: 4130308
Conc: 6.02 ng/ml



#43 AR-1268-3

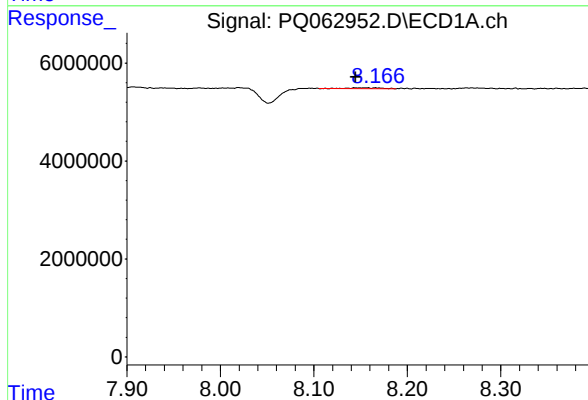
R.T.: 7.823 min
Delta R.T.: 0.003 min
Response: 6317481
Conc: 12.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



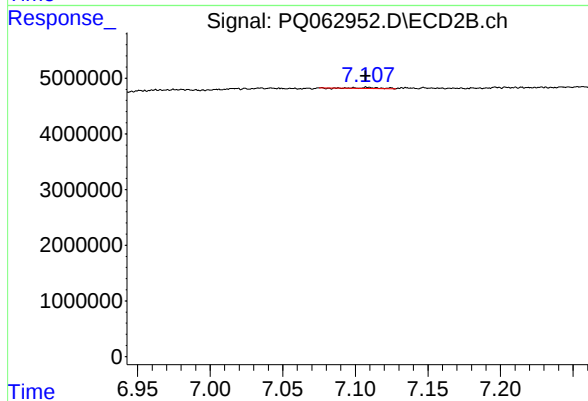
#43 AR-1268-3

R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 15535337
Conc: 26.47 ng/ml



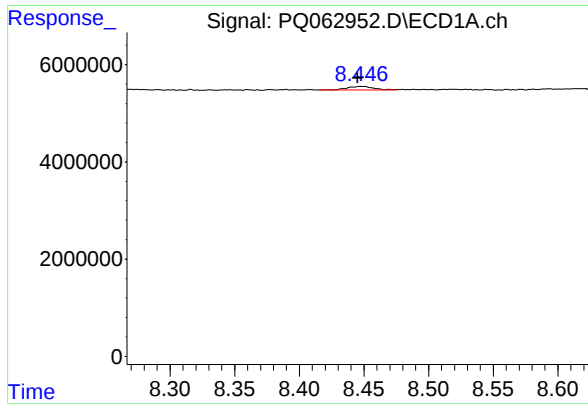
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.012 min
Response: 445451
Conc: 2.08 ng/ml



#44 AR-1268-4

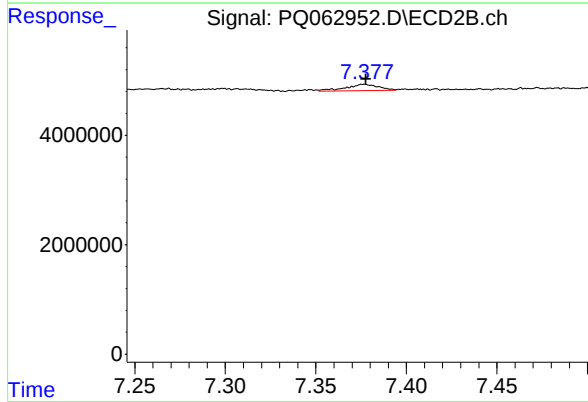
R.T.: 7.099 min
Delta R.T.: -0.008 min
Response: 125926
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.003 min
Response: 1092695
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.377 min
Delta R.T.: -0.001 min
Response: 1431348
Conc: 0.81 ng/ml