

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 02:04
 Operator : YP\AJ
 Sample : 03572-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 02:59:15 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	2.783	117.9E6	88701860	21.941	21.507
2) SA Decachlor...	8.684	7.593	99532154	102.7E6	25.707	23.734
Target Compounds						
3) L1 AR-1016-1	4.555	3.794	754195	1206164	3.876	7.569 #
4) L1 AR-1016-2	4.583	3.813	615402	511423	2.218	2.393
5) L1 AR-1016-3	4.638	3.975	1976904	253468	11.561	2.120 #
6) L1 AR-1016-4	4.731	4.023	198853	4663353	1.413	48.063 #
7) L1 AR-1016-5	5.025	4.219	3775095	2999992	27.437	23.840
8) L2 AR-1221-1	3.662	2.991	491122	86294	7.217	1.573 #
9) L2 AR-1221-2	3.734	3.055	2168128	1239926	45.443	32.873 #
10) L2 AR-1221-3	3.808	3.130	376196	-529	2.438	N.D. #
11) L3 AR-1232-1	3.808	3.130	376196	-529	2.912	N.D. #
12) L3 AR-1232-2	4.302	3.813	496883	511423	7.124	5.258 #
13) L3 AR-1232-3	4.583	3.975	615402	253468	5.036	4.774
14) L3 AR-1232-4	4.731	4.059	198853	1391261	3.296	30.312 #
15) L3 AR-1232-5	4.833	4.219	6105997	2999992	139.897	55.327 #
16) L4 AR-1242-1	4.555	3.794	754195	1206164	4.469	8.352 #
17) L4 AR-1242-2	4.583	3.813	615402	511423	2.552	2.692
18) L4 AR-1242-3	4.638	3.975	1976904	253468	13.496	2.348 #
19) L4 AR-1242-4	4.731	4.059	198853	1391261	1.607	13.964 #
20) L4 AR-1242-5	5.459	4.558	3164684	12605126	23.946	93.230 #
21) L5 AR-1248-1	4.555	3.794	754195	1206164	5.664	10.797 #
22) L5 AR-1248-2	4.833	4.023	6105997	4663353	34.941	29.531
23) L5 AR-1248-3	5.025	4.059	3775095	1391261	17.851	9.123 #
24) L5 AR-1248-4	5.421	4.219	4927736	2999992	20.682	15.776
25) L5 AR-1248-5	5.459	4.597	3164684	3149035	13.618	16.282
26) L6 AR-1254-1	5.394	4.558	10507403	12605126	47.978	46.979
27) L6 AR-1254-2	5.613	4.705	15195616	12968010	44.872	55.250
28) L6 AR-1254-3	5.969	5.090	19847092	19340079	55.359	51.141
29) L6 AR-1254-4	6.255	5.318	18822779	12051134	69.472	49.329 #
30) L6 AR-1254-5	6.671	5.728	16014749	12708164	57.934	36.821 #
31) L7 AR-1260-1	6.135	5.222	12446499	10494489	48.688	42.049
32) L7 AR-1260-2	6.396	5.411	11486717	7338754	37.846	23.829 #
33) L7 AR-1260-3	6.724f	5.550	6556470	8053831	31.102	25.991
34) L7 AR-1260-4	6.974	6.022	3313000	5920484	13.824	24.144 #
35) L7 AR-1260-5	7.284	6.266	2151870	4084598	4.587	7.474 #
36) L8 AR-1262-1	6.724f	5.822	6556470	515729	20.302	3.612 #
37) L8 AR-1262-2	7.284	6.022	2151870	5920484	3.965	18.946 #
38) L8 AR-1262-3	7.564	6.545	1735303	593564	4.804	2.355 #
39) L8 AR-1262-4	7.648	6.602	3222497	3997765	11.497	8.551 #
40) L8 AR-1262-5	8.149	7.103	787302	153712	4.189	0.700 #
41) L9 AR-1268-1	7.564	6.553	1735303	346110	2.683	0.464 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 11 02:59:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
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 Response via : Initial Calibration
 Integrator: ChemStation

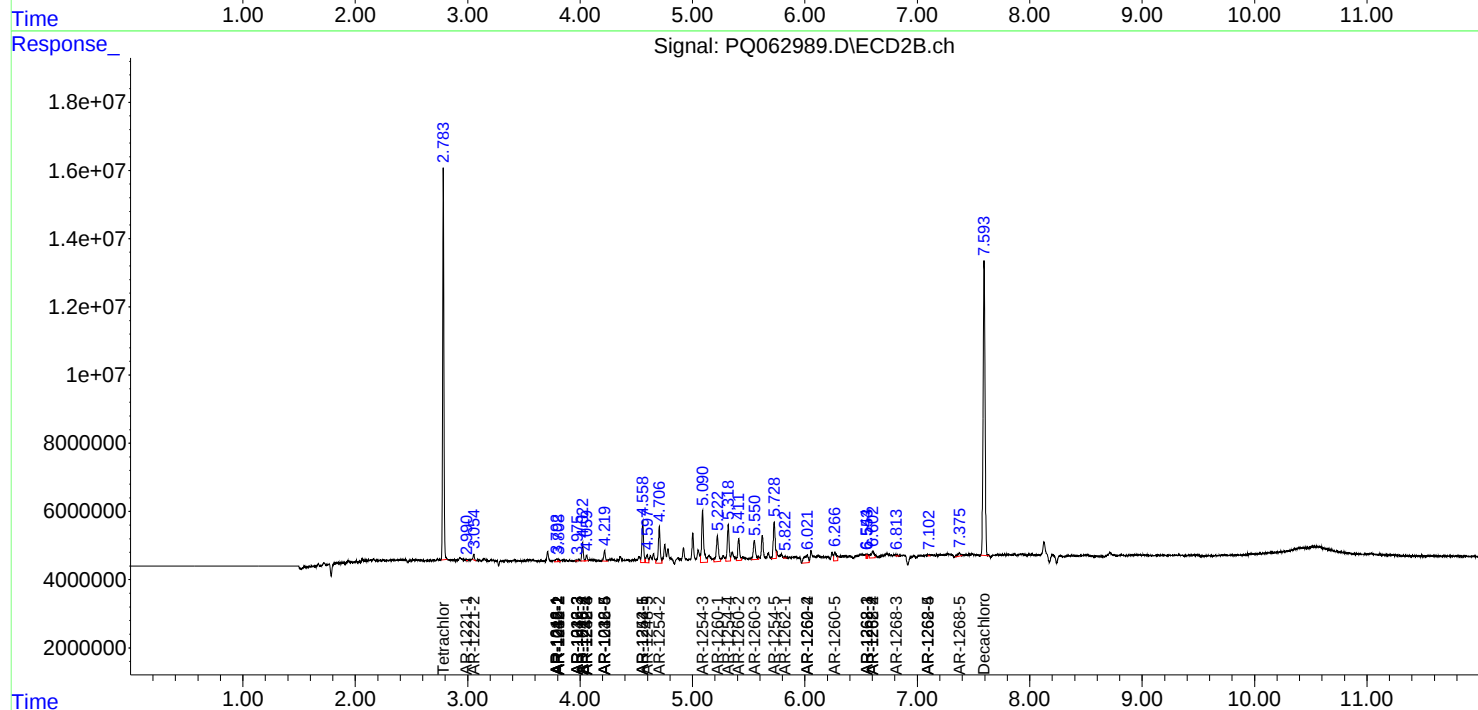
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

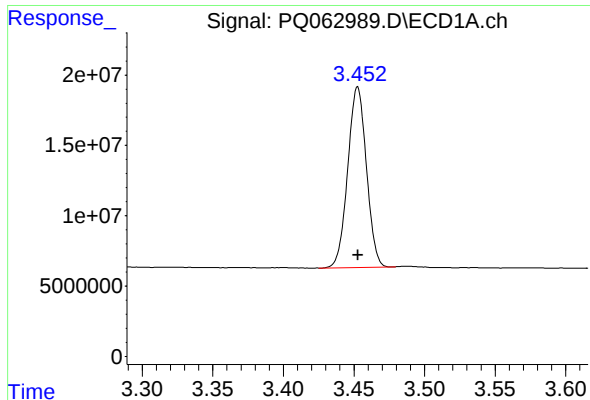
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.648	6.602	3222497	3997765	5.374	5.822
43) L9	AR-1268-3	7.823	6.814	3536516	376027	7.183	0.641 #
44) L9	AR-1268-4	8.149	7.103	787302	153712	3.670	0.604 #
45) L9	AR-1268-5	8.449	7.375	1239733	1739238	0.804	0.982

(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

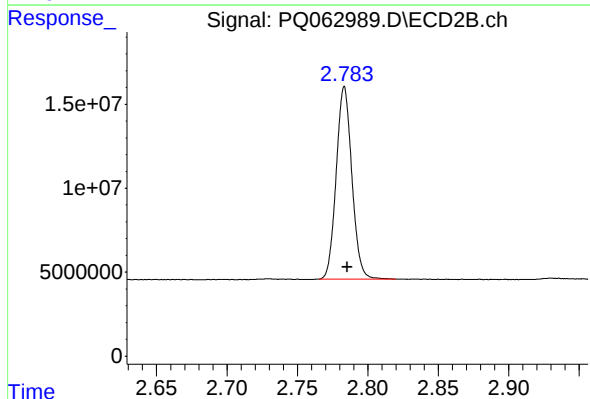




#1 Tetrachloro-m-xylene

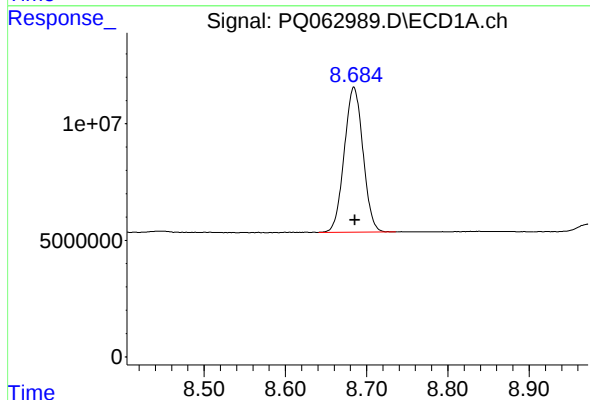
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 117895485
Conc: 21.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



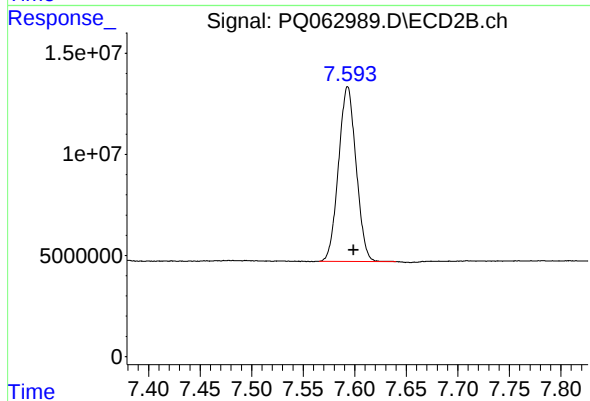
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 88701860
Conc: 21.51 ng/ml



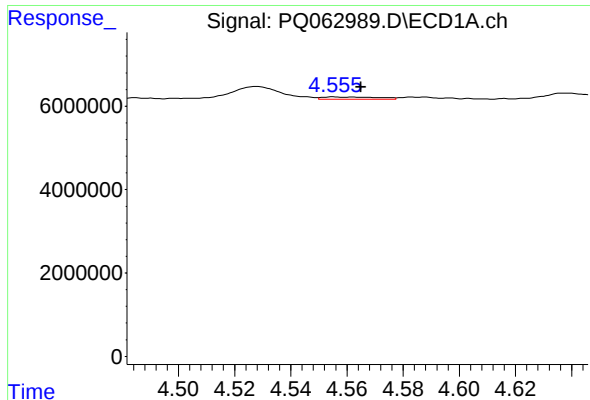
#2 Decachlorobiphenyl

R.T.: 8.684 min
Delta R.T.: -0.001 min
Response: 99532154
Conc: 25.71 ng/ml



#2 Decachlorobiphenyl

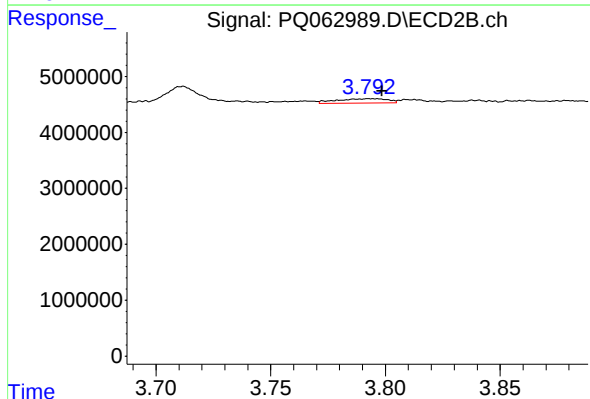
R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 102657168
Conc: 23.73 ng/ml



#3 AR-1016-1

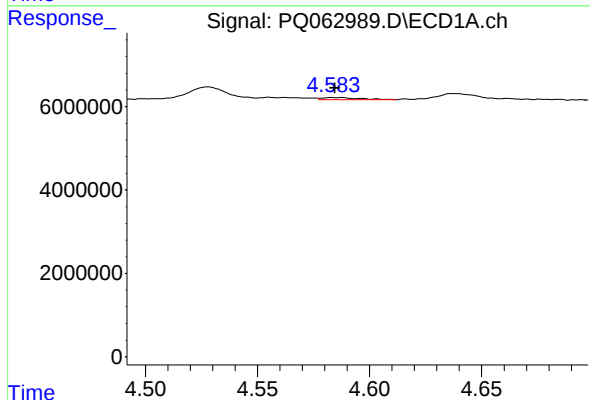
R.T.: 4.555 min
Delta R.T.: -0.010 min
Response: 754195
Conc: 3.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



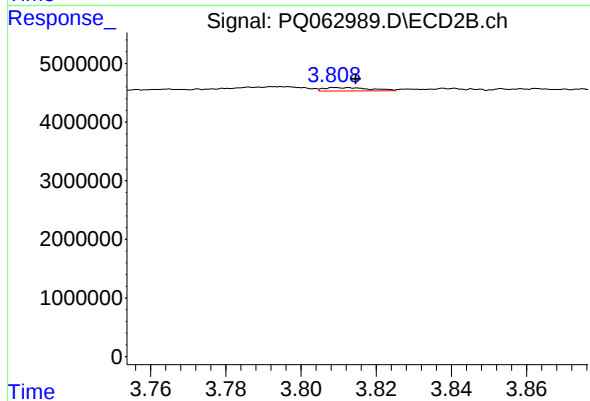
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 1206164
Conc: 7.57 ng/ml



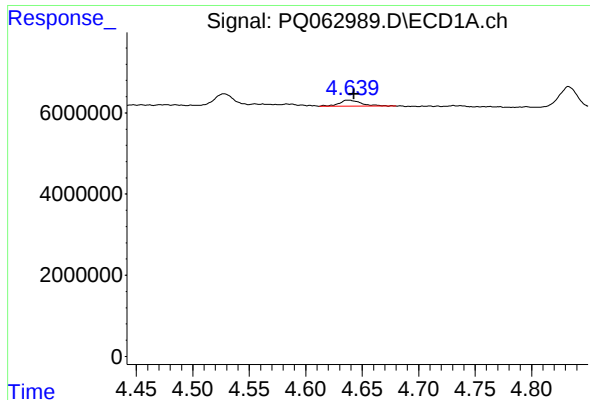
#4 AR-1016-2

R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 615402
Conc: 2.22 ng/ml



#4 AR-1016-2

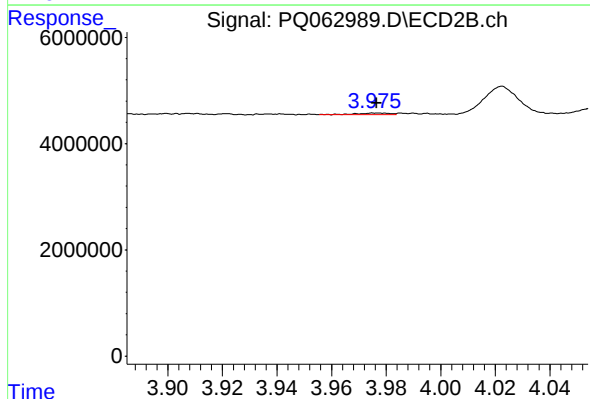
R.T.: 3.813 min
Delta R.T.: -0.002 min
Response: 511423
Conc: 2.39 ng/ml



#5 AR-1016-3

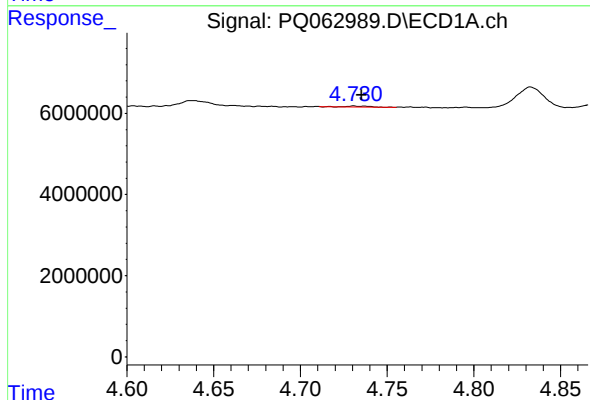
R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 1976904
Conc: 11.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



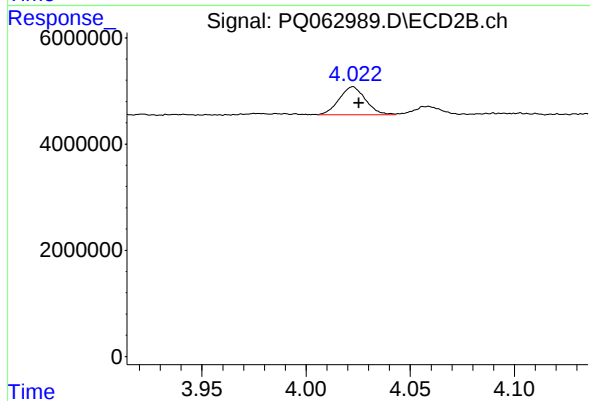
#5 AR-1016-3

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 253468
Conc: 2.12 ng/ml



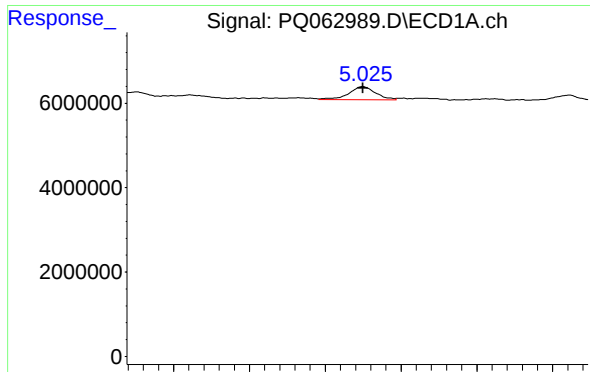
#6 AR-1016-4

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 198853
Conc: 1.41 ng/ml



#6 AR-1016-4

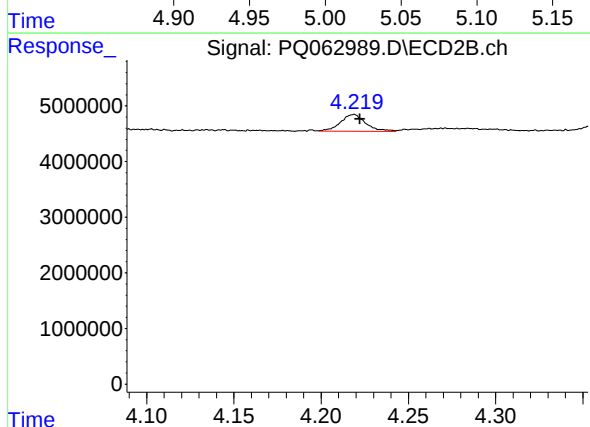
R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 4663353
Conc: 48.06 ng/ml



#7 AR-1016-5

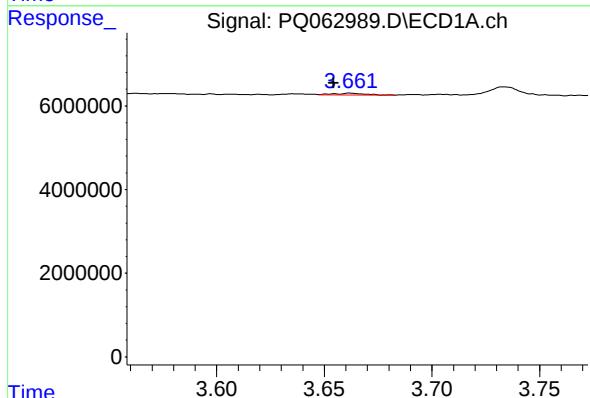
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 3775095
Conc: 27.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



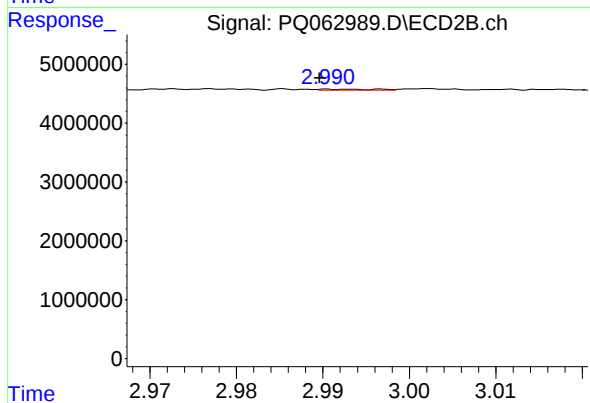
#7 AR-1016-5

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 2999992
Conc: 23.84 ng/ml



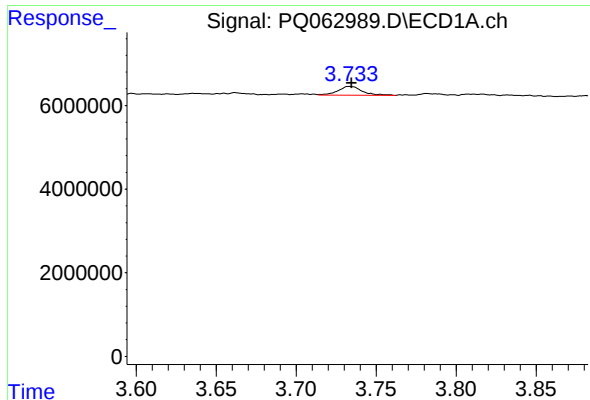
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: 0.008 min
Response: 491122
Conc: 7.22 ng/ml



#8 AR-1221-1

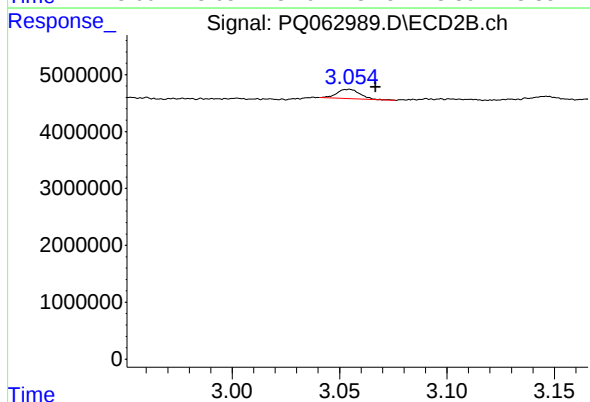
R.T.: 2.991 min
Delta R.T.: 0.000 min
Response: 86294
Conc: 1.57 ng/ml



#9 AR-1221-2

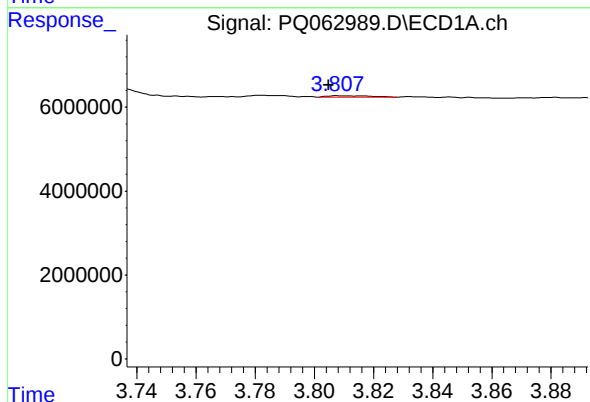
R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 2168128
Conc: 45.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



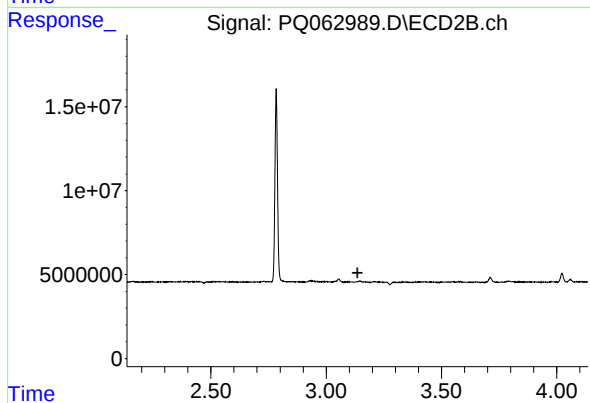
#9 AR-1221-2

R.T.: 3.055 min
Delta R.T.: -0.012 min
Response: 1239926
Conc: 32.87 ng/ml



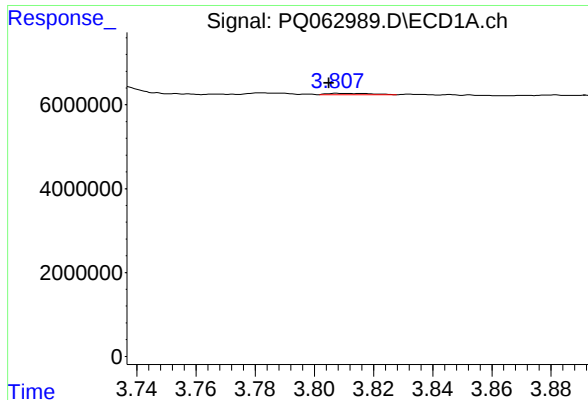
#10 AR-1221-3

R.T.: 3.808 min
Delta R.T.: 0.003 min
Response: 376196
Conc: 2.44 ng/ml



#10 AR-1221-3

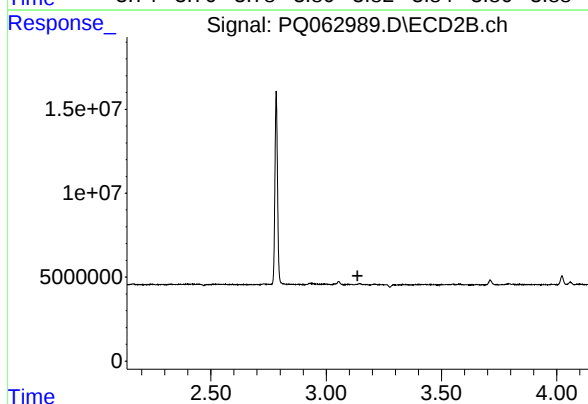
R.T.: 3.130 min
Delta R.T.: -0.006 min
Response: -529
Conc: N.D.



#11 AR-1232-1

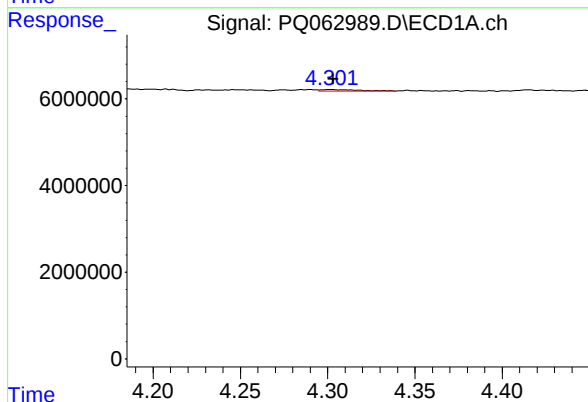
R.T.: 3.808 min
Delta R.T.: 0.003 min
Response: 376196
Conc: 2.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



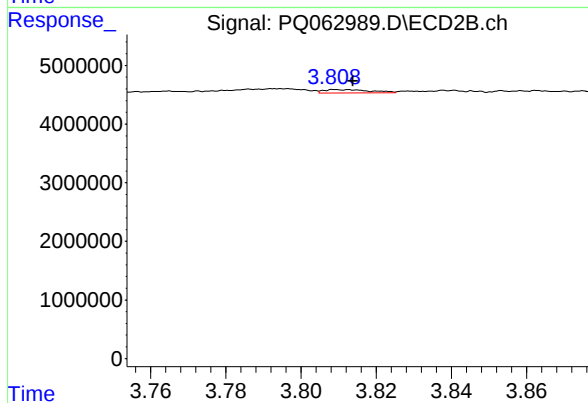
#11 AR-1232-1

R.T.: 3.130 min
Delta R.T.: -0.006 min
Response: -529
Conc: N.D.



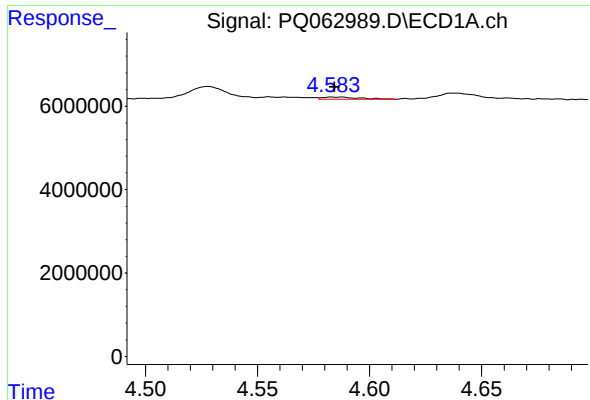
#12 AR-1232-2

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 496883
Conc: 7.12 ng/ml



#12 AR-1232-2

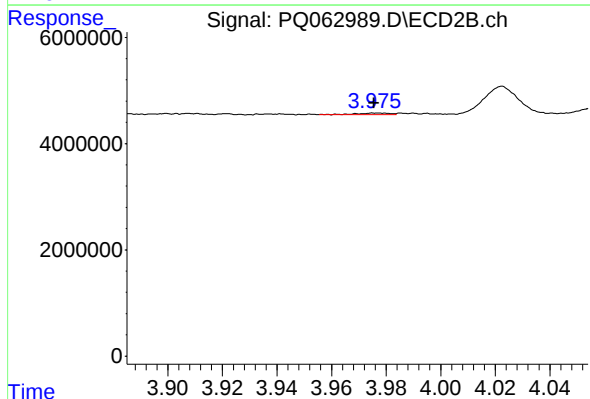
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 511423
Conc: 5.26 ng/ml



#13 AR-1232-3

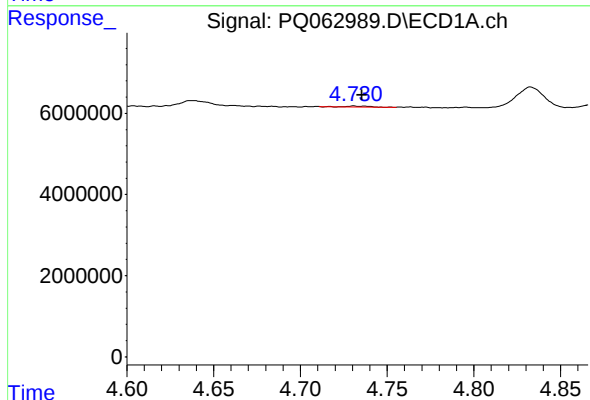
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 615402
Conc: 5.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



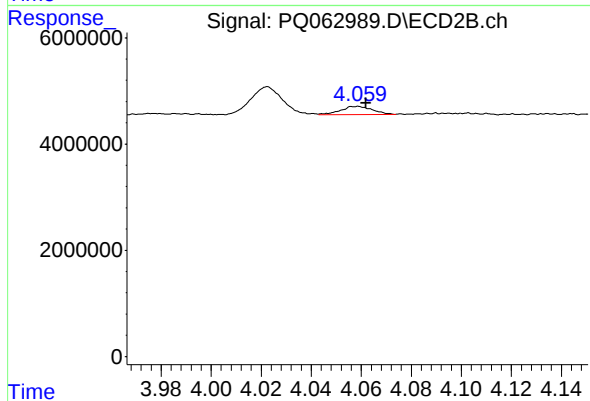
#13 AR-1232-3

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 253468
Conc: 4.77 ng/ml



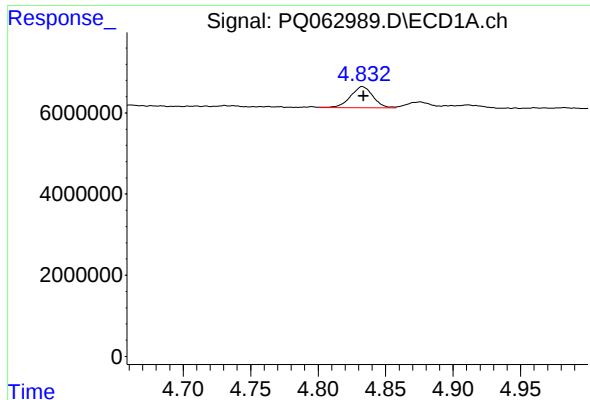
#14 AR-1232-4

R.T.: 4.731 min
Delta R.T.: -0.005 min
Response: 198853
Conc: 3.30 ng/ml



#14 AR-1232-4

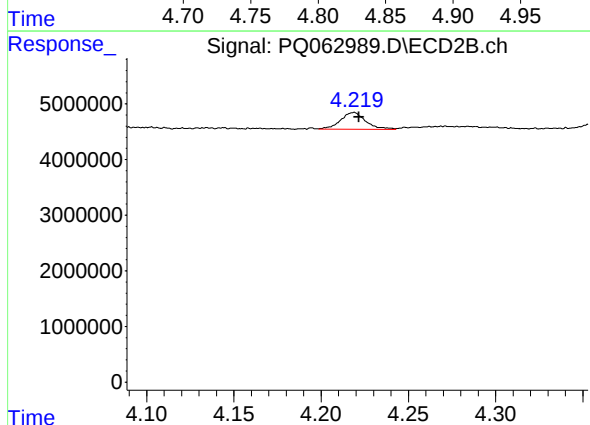
R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 1391261
Conc: 30.31 ng/ml



#15 AR-1232-5

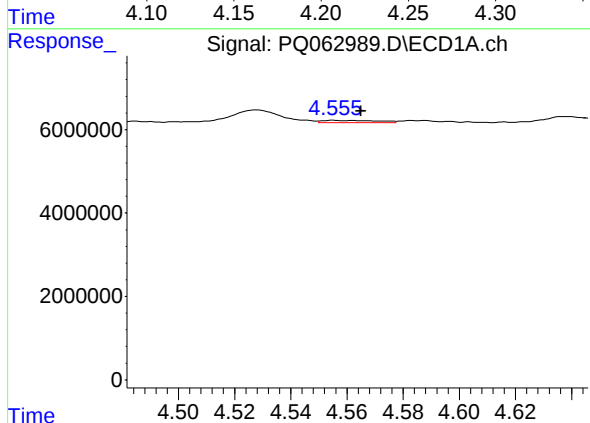
R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 6105997
Conc: 139.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



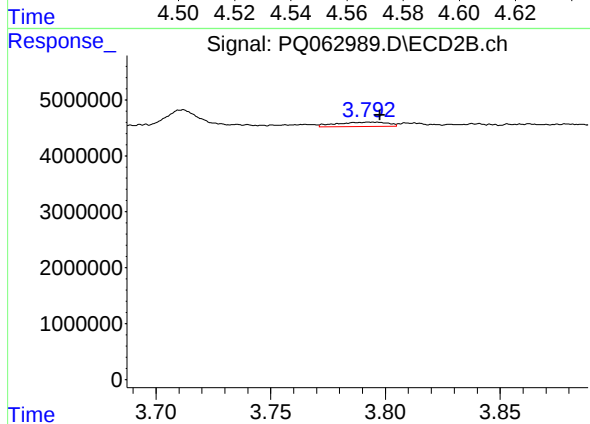
#15 AR-1232-5

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 2999992
Conc: 55.33 ng/ml



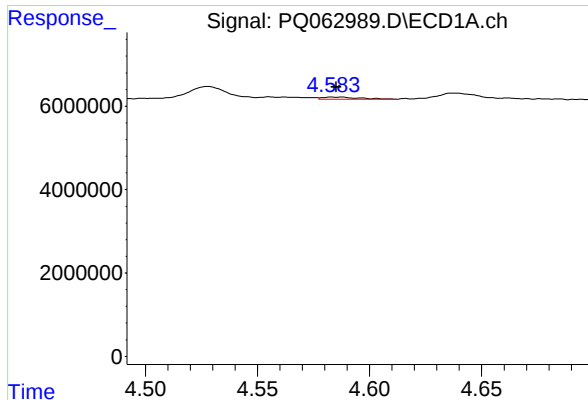
#16 AR-1242-1

R.T.: 4.555 min
Delta R.T.: -0.010 min
Response: 754195
Conc: 4.47 ng/ml



#16 AR-1242-1

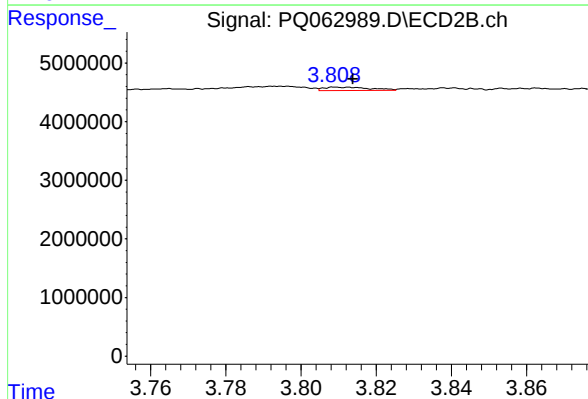
R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 1206164
Conc: 8.35 ng/ml



#17 AR-1242-2

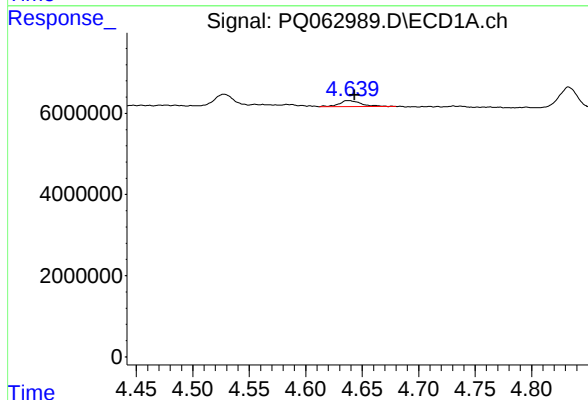
R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 615402
Conc: 2.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



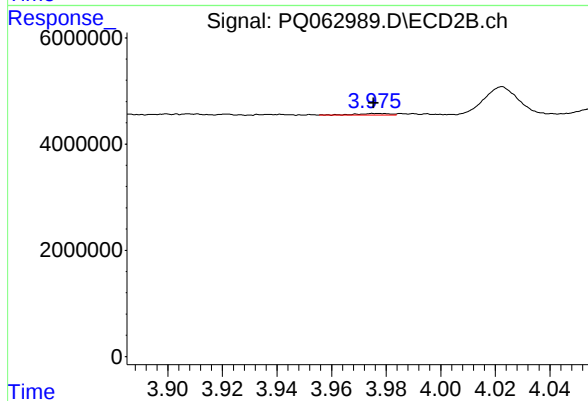
#17 AR-1242-2

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 511423
Conc: 2.69 ng/ml



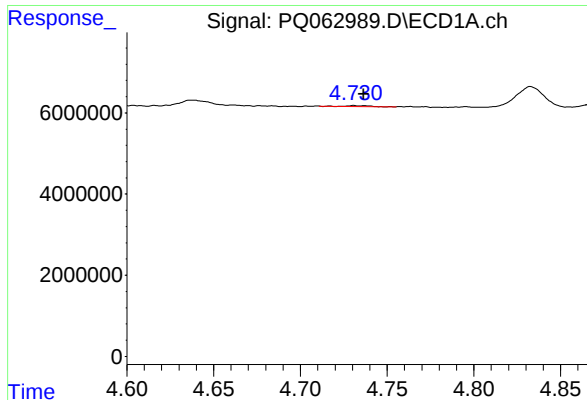
#18 AR-1242-3

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 1976904
Conc: 13.50 ng/ml



#18 AR-1242-3

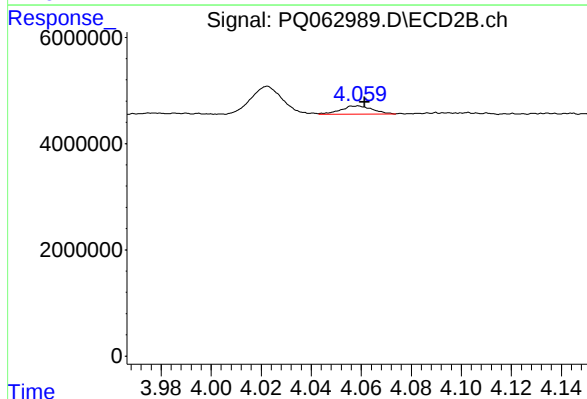
R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 253468
Conc: 2.35 ng/ml



#19 AR-1242-4

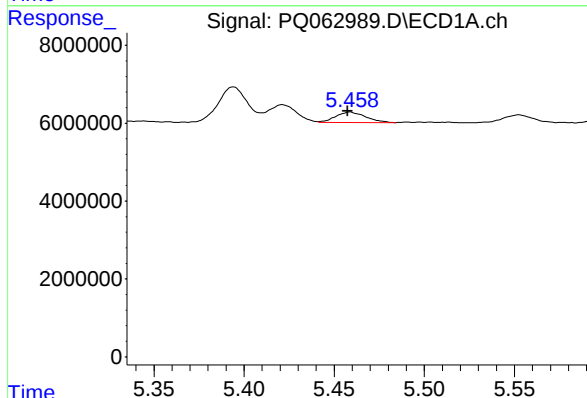
R.T.: 4.731 min
Delta R.T.: -0.006 min
Response: 198853
Conc: 1.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



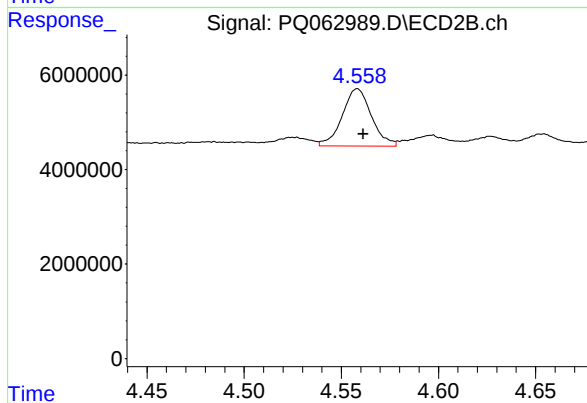
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 1391261
Conc: 13.96 ng/ml



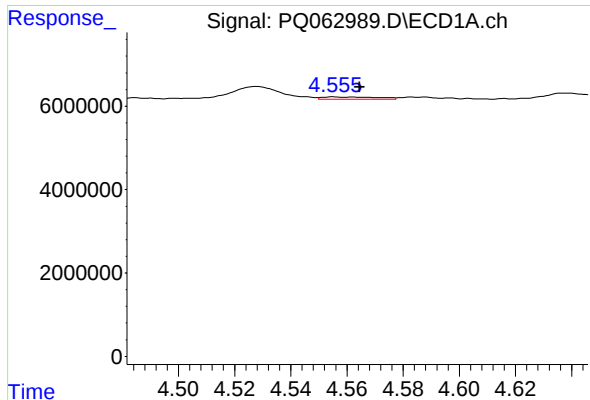
#20 AR-1242-5

R.T.: 5.459 min
Delta R.T.: 0.001 min
Response: 3164684
Conc: 23.95 ng/ml



#20 AR-1242-5

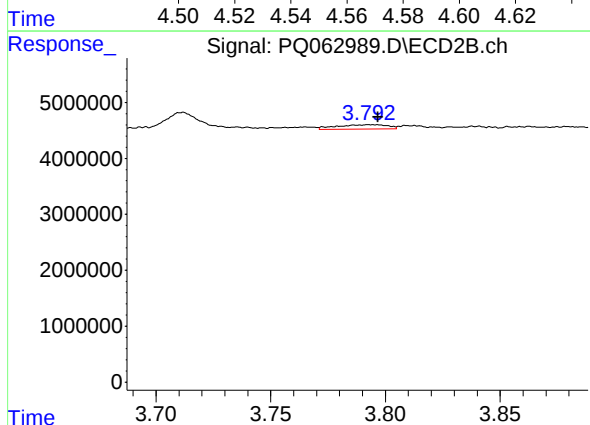
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 12605126
Conc: 93.23 ng/ml



#21 AR-1248-1

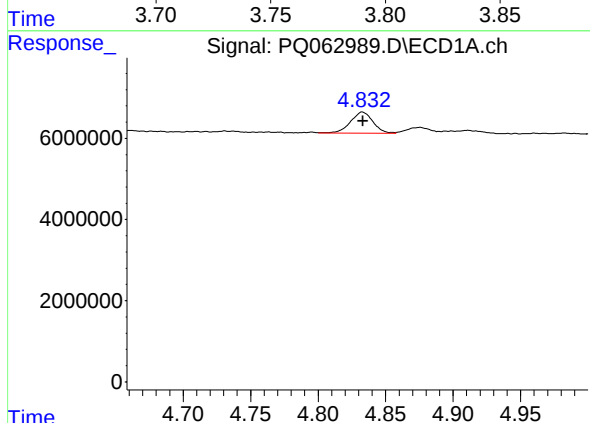
R.T.: 4.555 min
Delta R.T.: -0.009 min
Response: 754195
Conc: 5.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



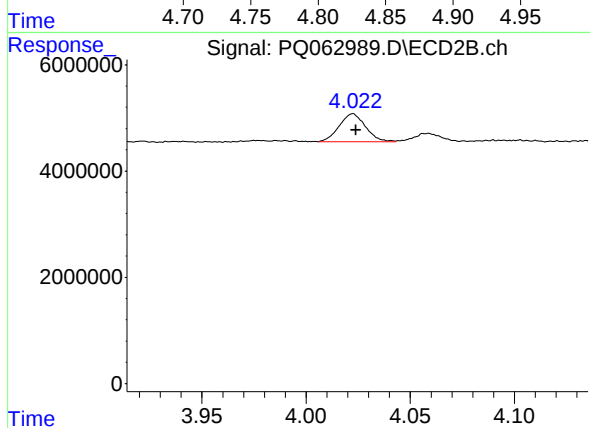
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 1206164
Conc: 10.80 ng/ml



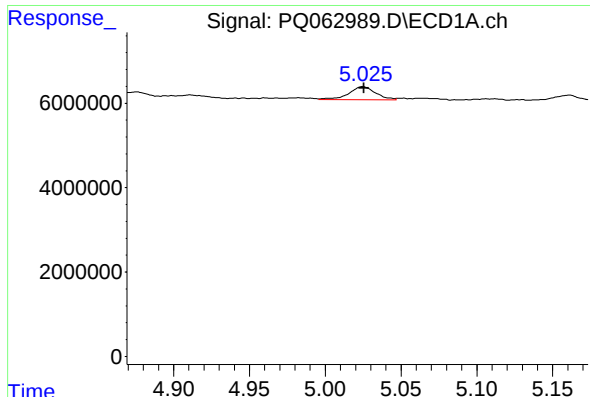
#22 AR-1248-2

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 6105997
Conc: 34.94 ng/ml



#22 AR-1248-2

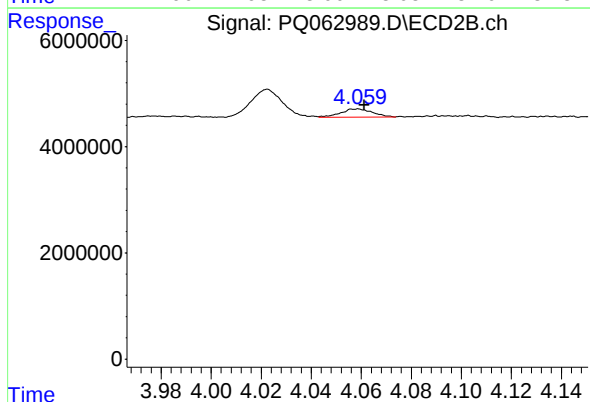
R.T.: 4.023 min
Delta R.T.: -0.001 min
Response: 4663353
Conc: 29.53 ng/ml



#23 AR-1248-3

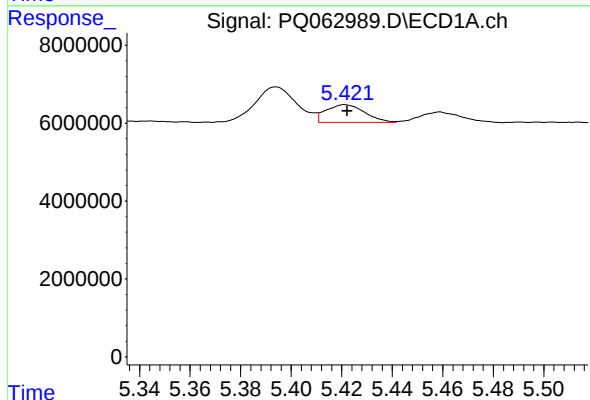
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 3775095
Conc: 17.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



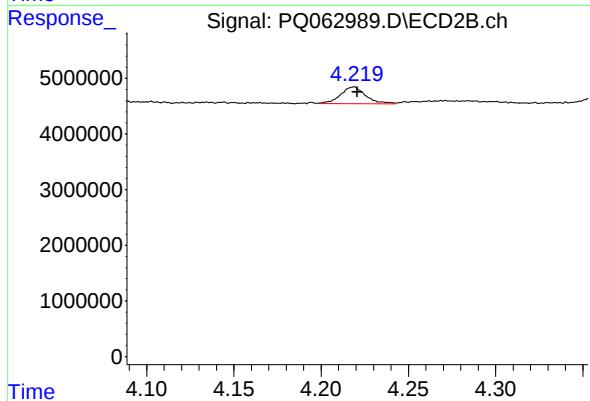
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 1391261
Conc: 9.12 ng/ml



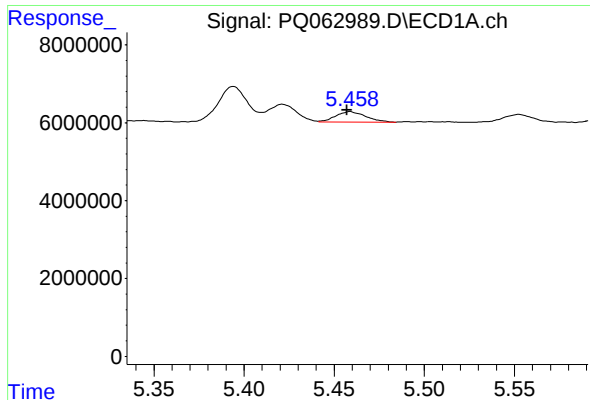
#24 AR-1248-4

R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 4927736
Conc: 20.68 ng/ml



#24 AR-1248-4

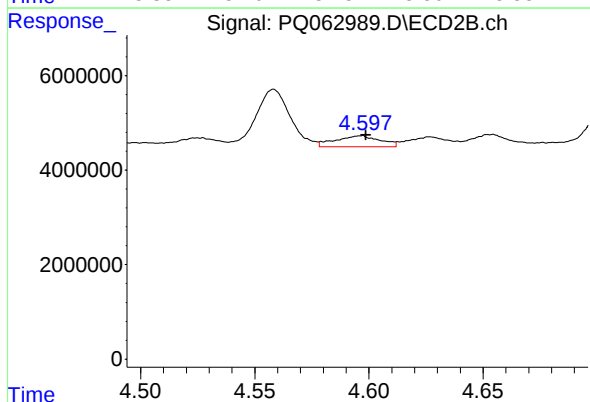
R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 2999992
Conc: 15.78 ng/ml



#25 AR-1248-5

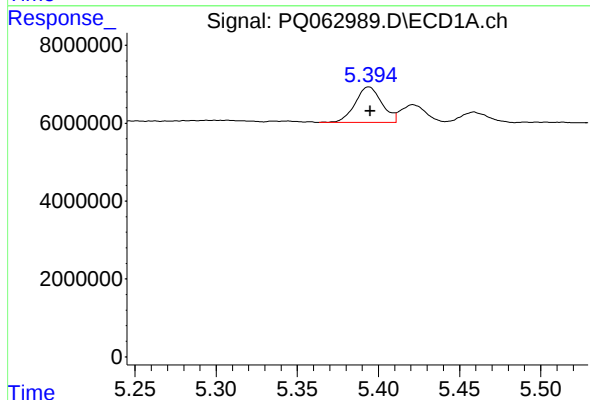
R.T.: 5.459 min
Delta R.T.: 0.002 min
Response: 3164684
Conc: 13.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



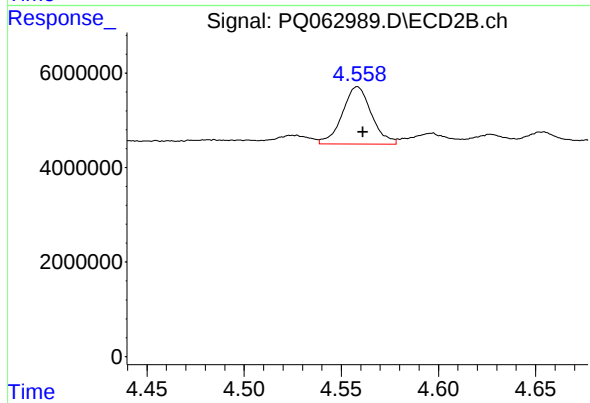
#25 AR-1248-5

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 3149035
Conc: 16.28 ng/ml



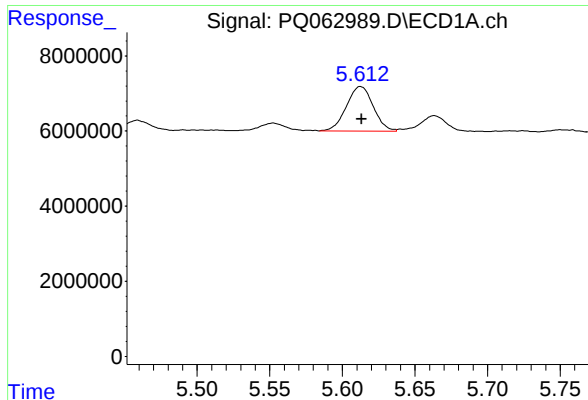
#26 AR-1254-1

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 10507403
Conc: 47.98 ng/ml



#26 AR-1254-1

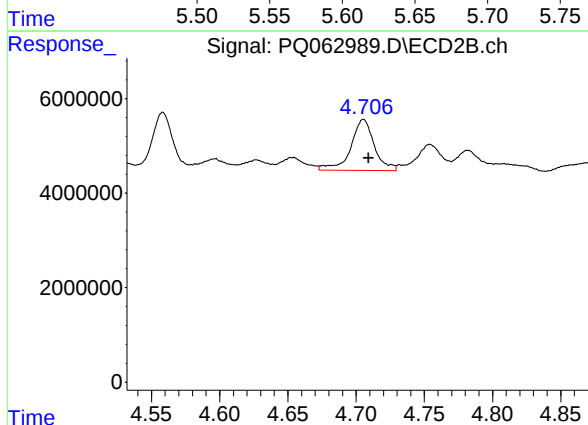
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 12605126
Conc: 46.98 ng/ml



#27 AR-1254-2

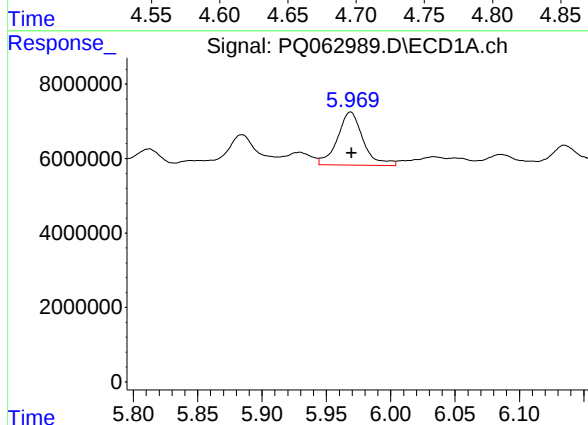
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 15195616
Conc: 44.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



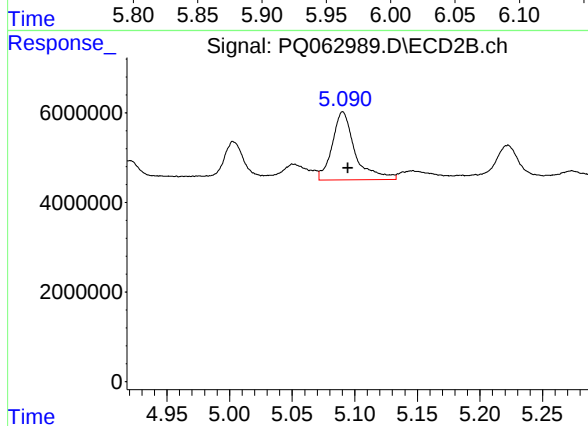
#27 AR-1254-2

R.T.: 4.705 min
Delta R.T.: -0.004 min
Response: 12968010
Conc: 55.25 ng/ml



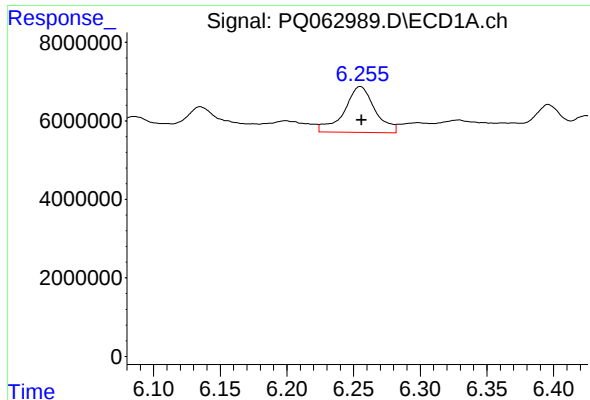
#28 AR-1254-3

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 19847092
Conc: 55.36 ng/ml



#28 AR-1254-3

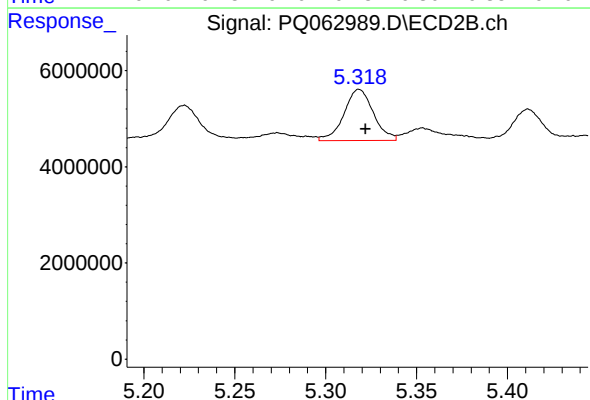
R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 19340079
Conc: 51.14 ng/ml



#29 AR-1254-4

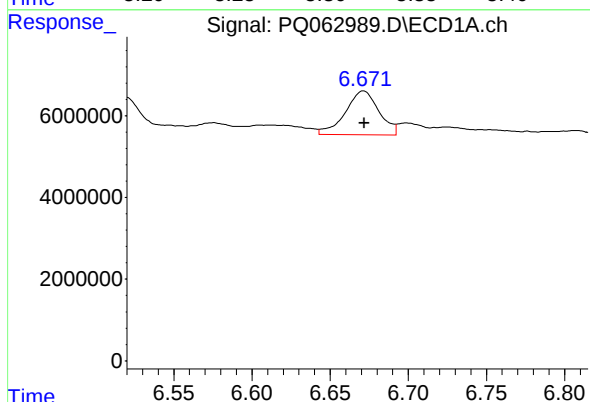
R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 18822779
Conc: 69.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



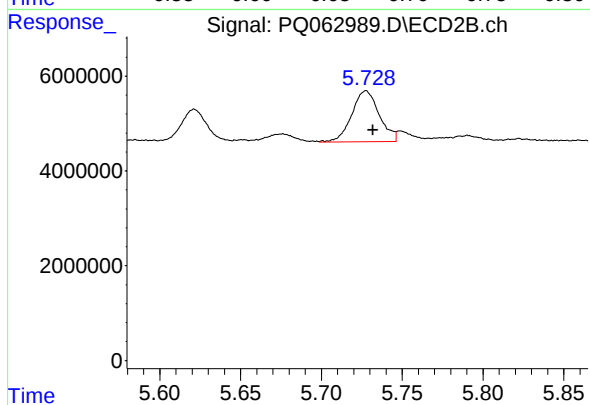
#29 AR-1254-4

R.T.: 5.318 min
Delta R.T.: -0.003 min
Response: 12051134
Conc: 49.33 ng/ml



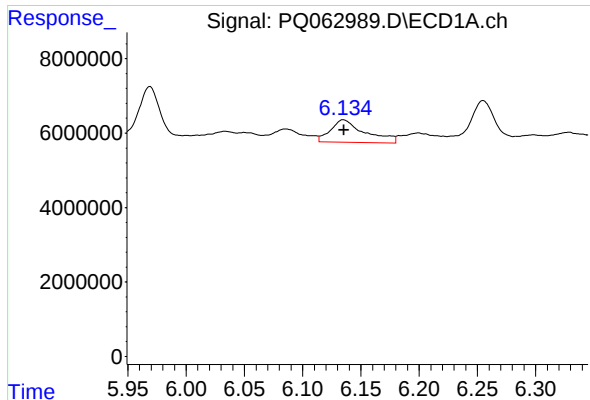
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 16014749
Conc: 57.93 ng/ml



#30 AR-1254-5

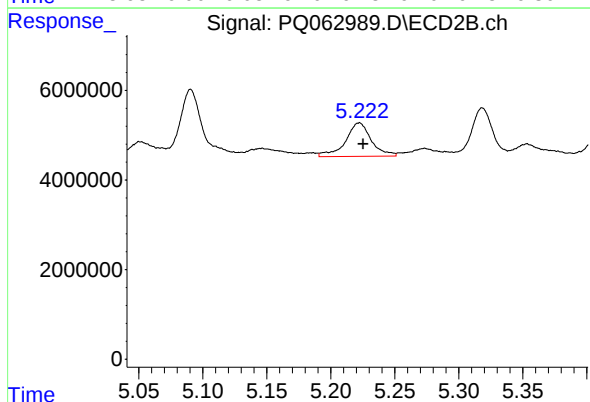
R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 12708164
Conc: 36.82 ng/ml



#31 AR-1260-1

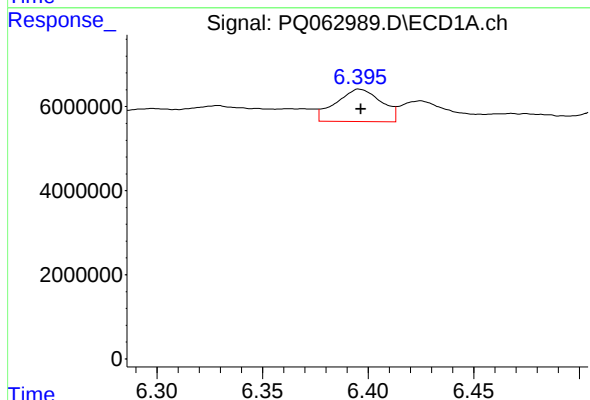
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 12446499
Conc: 48.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



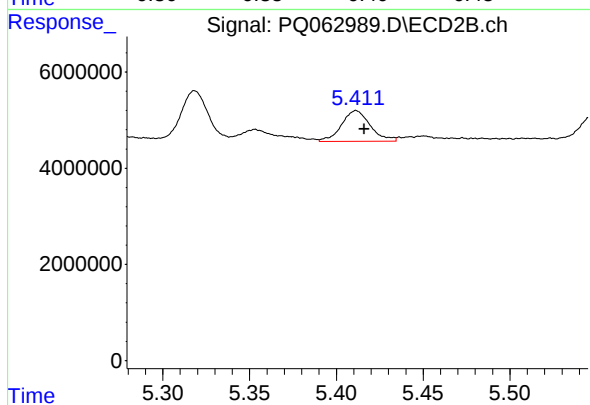
#31 AR-1260-1

R.T.: 5.222 min
Delta R.T.: -0.003 min
Response: 10494489
Conc: 42.05 ng/ml



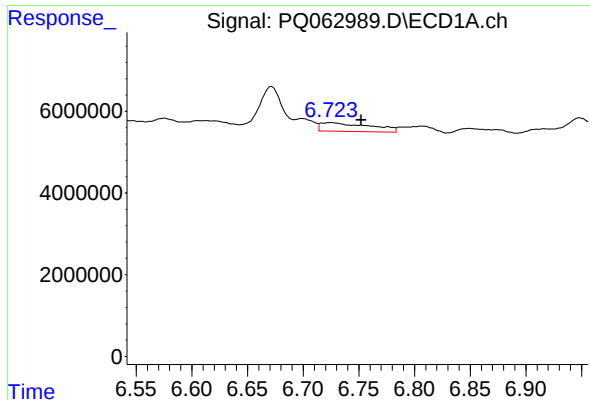
#32 AR-1260-2

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 11486717
Conc: 37.85 ng/ml



#32 AR-1260-2

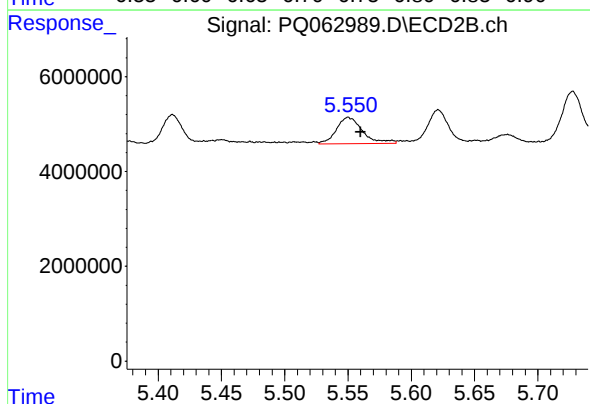
R.T.: 5.411 min
Delta R.T.: -0.005 min
Response: 7338754
Conc: 23.83 ng/ml



#33 AR-1260-3

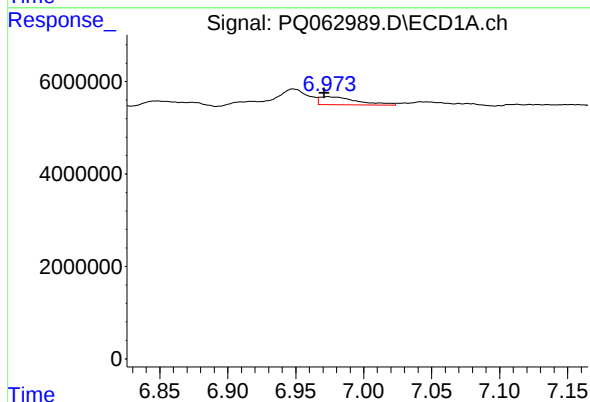
R.T.: 6.724 min
Delta R.T.: -0.028 min
Response: 6556470
Conc: 31.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



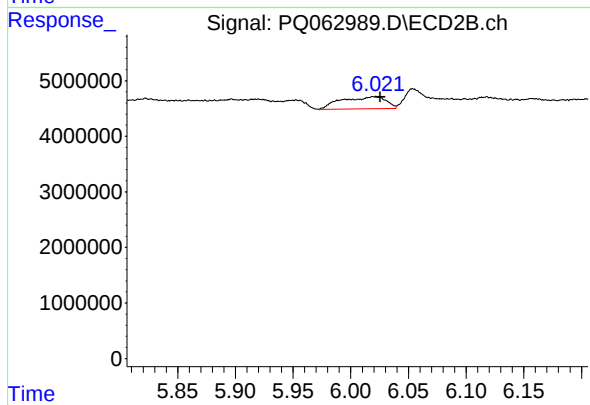
#33 AR-1260-3

R.T.: 5.550 min
Delta R.T.: -0.010 min
Response: 8053831
Conc: 25.99 ng/ml



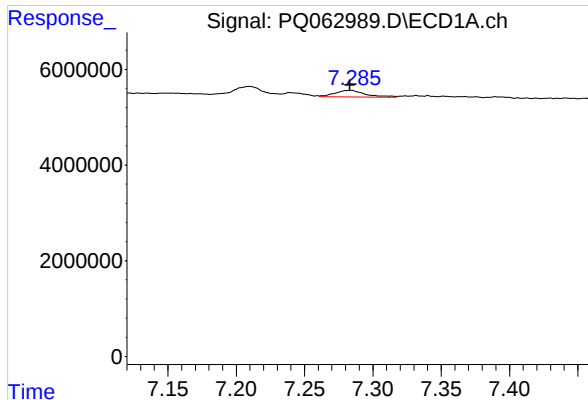
#34 AR-1260-4

R.T.: 6.974 min
Delta R.T.: 0.003 min
Response: 3313000
Conc: 13.82 ng/ml



#34 AR-1260-4

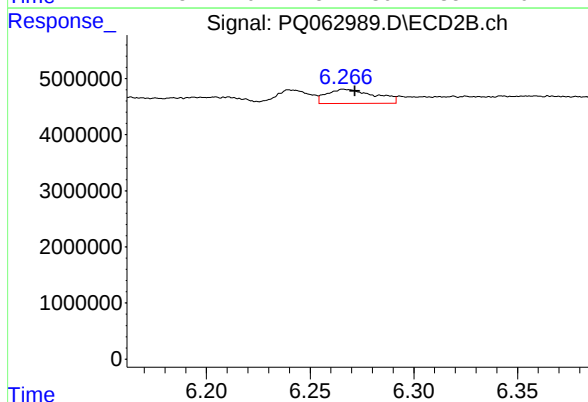
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 5920484
Conc: 24.14 ng/ml



#35 AR-1260-5

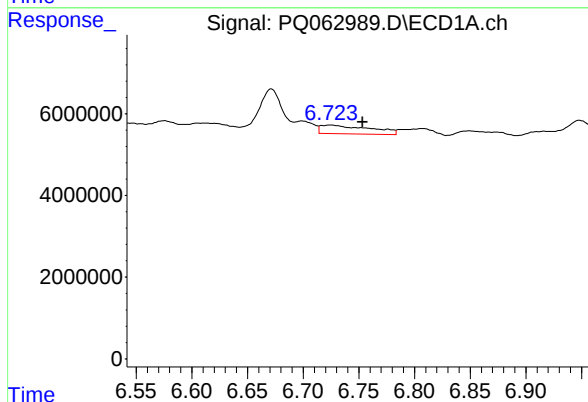
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 2151870
Conc: 4.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



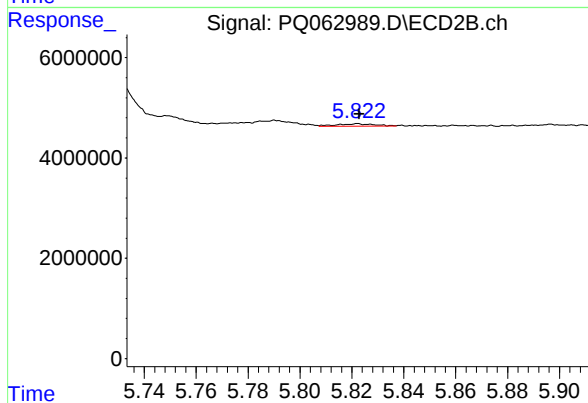
#35 AR-1260-5

R.T.: 6.266 min
Delta R.T.: -0.005 min
Response: 4084598
Conc: 7.47 ng/ml



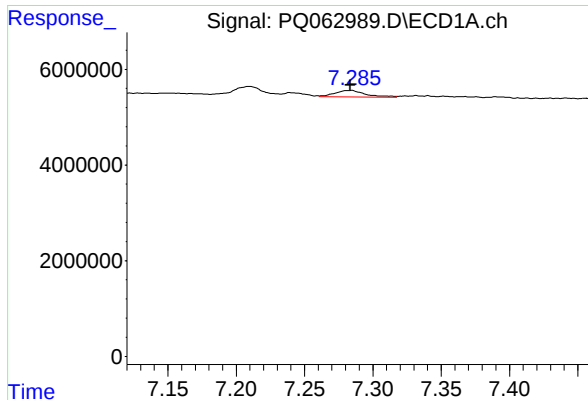
#36 AR-1262-1

R.T.: 6.724 min
Delta R.T.: -0.029 min
Response: 6556470
Conc: 20.30 ng/ml



#36 AR-1262-1

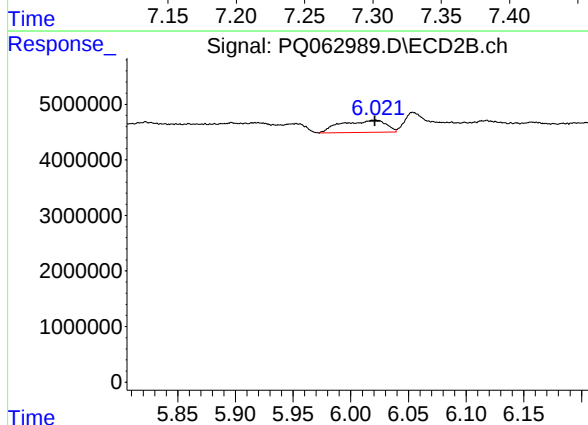
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 515729
Conc: 3.61 ng/ml



#37 AR-1262-2

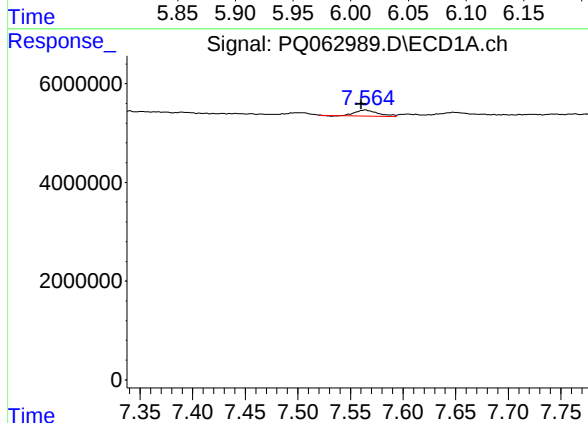
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 2151870
Conc: 3.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



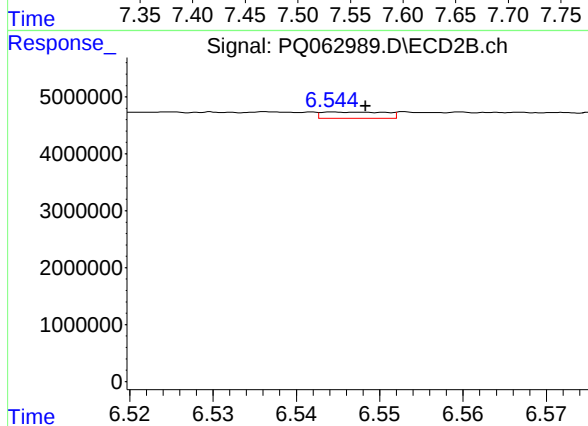
#37 AR-1262-2

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 5920484
Conc: 18.95 ng/ml



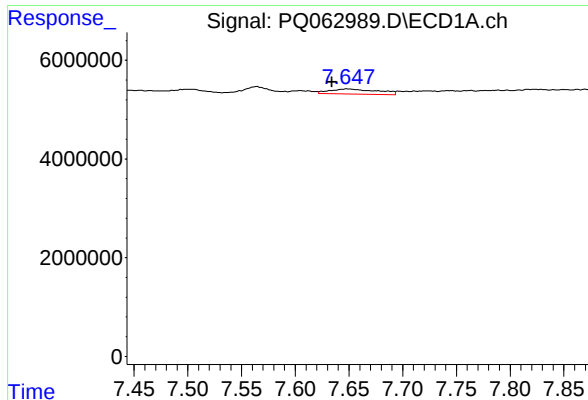
#38 AR-1262-3

R.T.: 7.564 min
Delta R.T.: 0.004 min
Response: 1735303
Conc: 4.80 ng/ml



#38 AR-1262-3

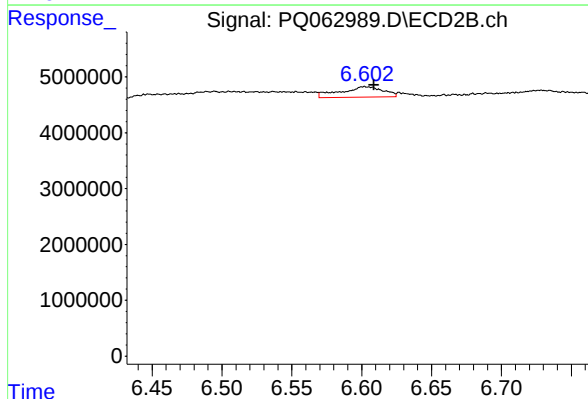
R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 593564
Conc: 2.35 ng/ml



#39 AR-1262-4

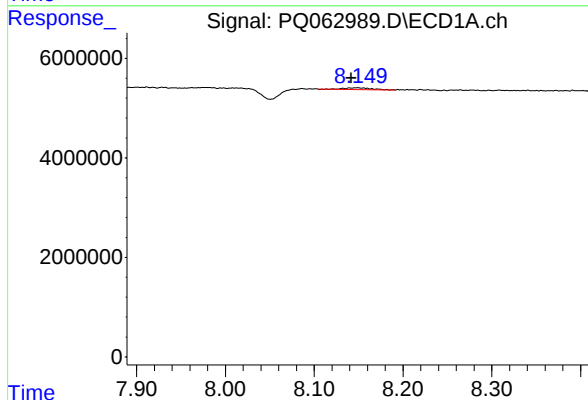
R.T.: 7.648 min
Delta R.T.: 0.014 min
Response: 3222497
Conc: 11.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



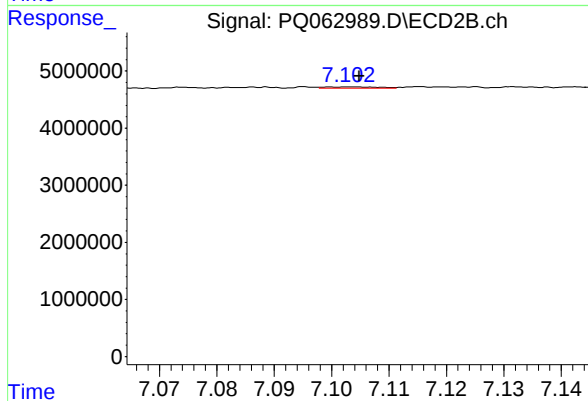
#39 AR-1262-4

R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 3997765
Conc: 8.55 ng/ml



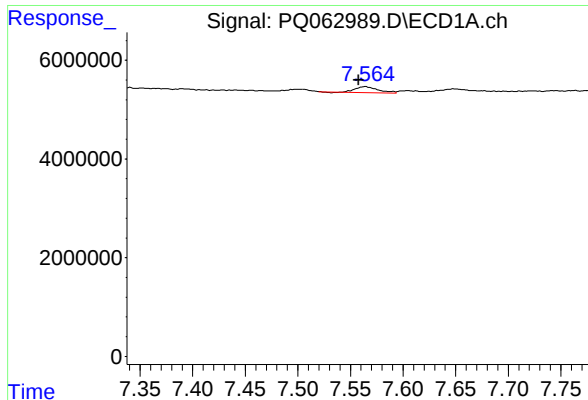
#40 AR-1262-5

R.T.: 8.149 min
Delta R.T.: 0.007 min
Response: 787302
Conc: 4.19 ng/ml



#40 AR-1262-5

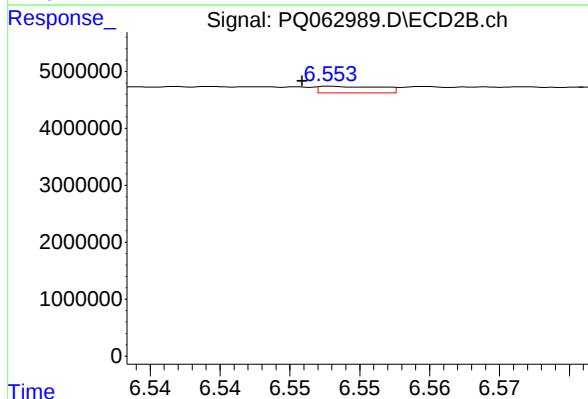
R.T.: 7.103 min
Delta R.T.: -0.002 min
Response: 153712
Conc: 0.70 ng/ml



#41 AR-1268-1

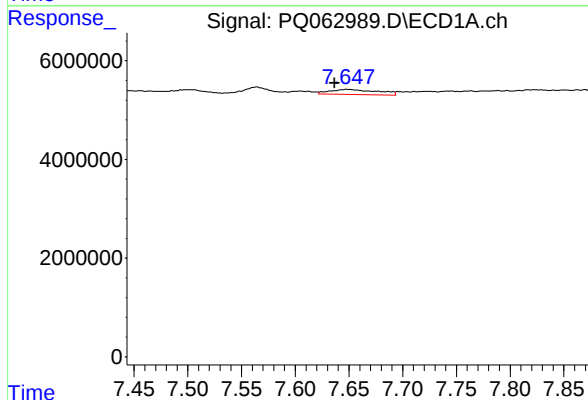
R.T.: 7.564 min
Delta R.T.: 0.006 min
Response: 1735303
Conc: 2.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



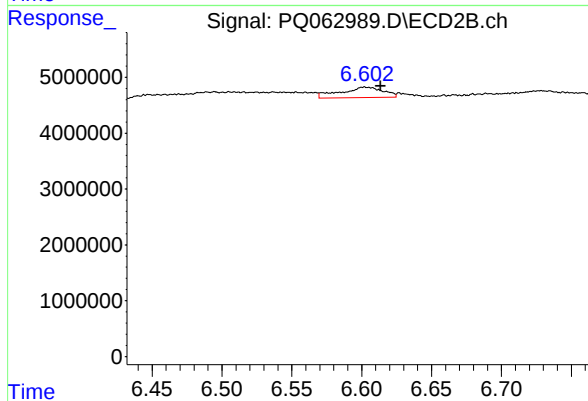
#41 AR-1268-1

R.T.: 6.553 min
Delta R.T.: 0.002 min
Response: 346110
Conc: 0.46 ng/ml



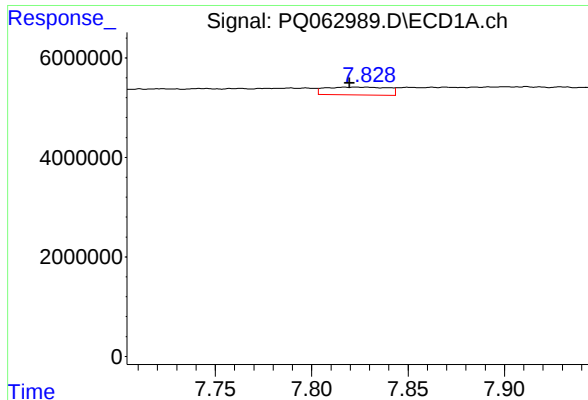
#42 AR-1268-2

R.T.: 7.648 min
Delta R.T.: 0.011 min
Response: 3222497
Conc: 5.37 ng/ml



#42 AR-1268-2

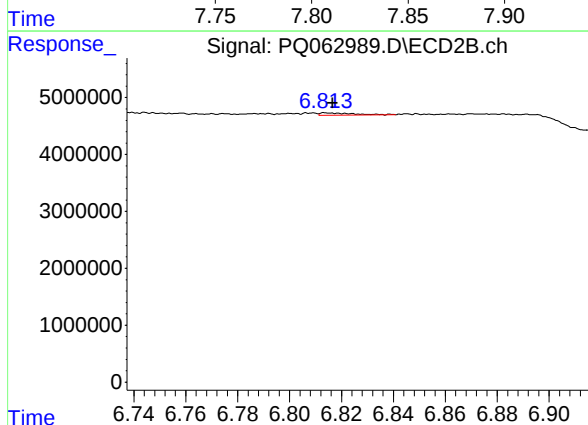
R.T.: 6.602 min
Delta R.T.: -0.012 min
Response: 3997765
Conc: 5.82 ng/ml



#43 AR-1268-3

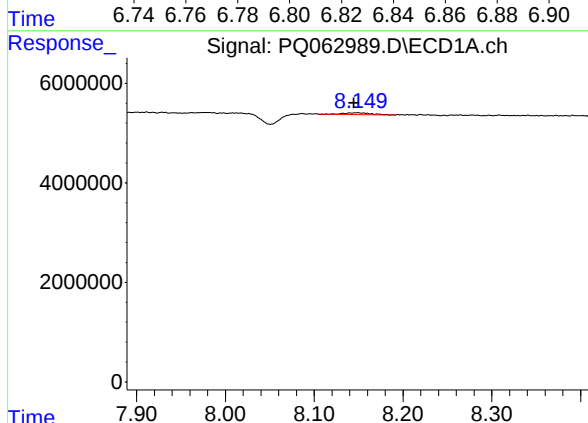
R.T.: 7.823 min
Delta R.T.: 0.003 min
Response: 3536516
Conc: 7.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



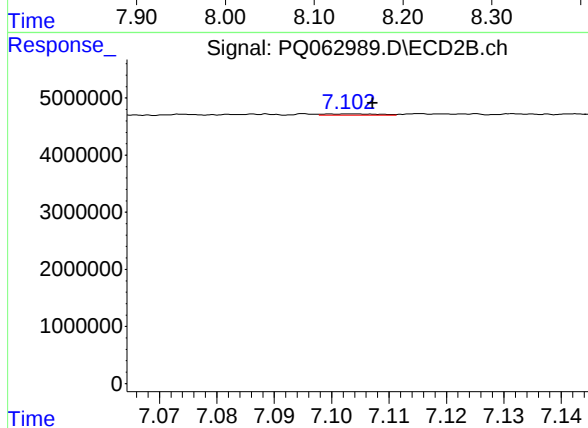
#43 AR-1268-3

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 376027
Conc: 0.64 ng/ml



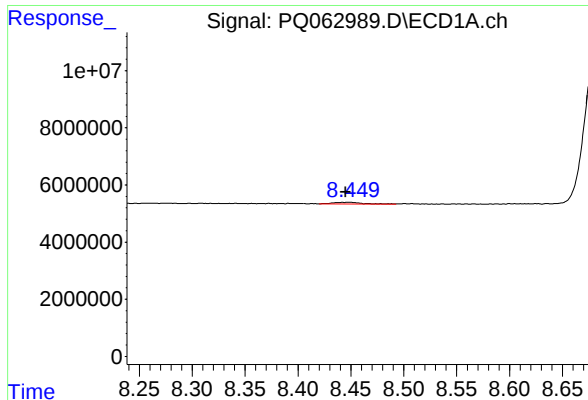
#44 AR-1268-4

R.T.: 8.149 min
Delta R.T.: 0.004 min
Response: 787302
Conc: 3.67 ng/ml



#44 AR-1268-4

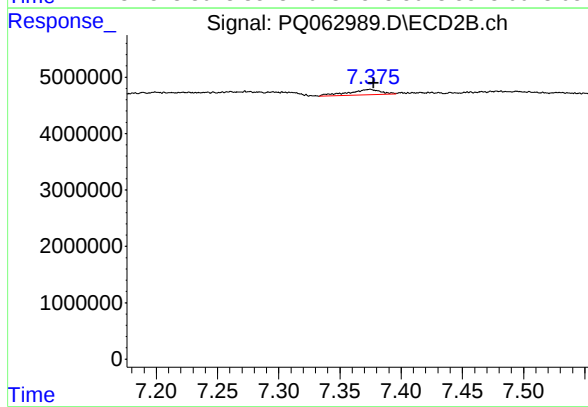
R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 153712
Conc: 0.60 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.004 min
Response: 1239733
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 1739238
Conc: 0.98 ng/ml