

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121323\
 Data File : PQ064486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2023 19:05
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 21:18:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.456	2.773	76446620	95917389	18.427	22.846
2) SA Decachlor...	8.689	7.567	58944305	93049433	20.108	23.054
Target Compounds						
3) L1 AR-1016-1	4.592	3.787	591376	23251	4.642	0.191 #
4) L1 AR-1016-2	4.592	3.798	591376	34357	3.081	0.187 #
5) L1 AR-1016-3	4.666	3.962	905917	1112421	7.635	11.432 #
6) L1 AR-1016-4	4.774f	4.010	421504	4205671	4.538	50.360 #
7) L1 AR-1016-5	5.031	4.196	1800464	17529431	18.480	173.149 #
8) L2 AR-1221-1	3.673	2.979	572018	71006	11.266	1.254 #
9) L2 AR-1221-2	3.738	3.042	1479276	1181425	40.375	28.046 #
10) L2 AR-1221-3	3.794	3.134	713485	341819	6.309	2.684 #
11) L3 AR-1232-1	3.826	3.134	295867	341819	3.428	3.549
12) L3 AR-1232-2	4.296	3.798	88816	34357	1.821	0.411 #
13) L3 AR-1232-3	4.592	3.962	591376	1112421	6.928	24.986 #
14) L3 AR-1232-4	4.774f	4.044	421504	7101804	10.231	185.901 #
15) L3 AR-1232-5	4.856	4.196	485023	17529431	15.863	411.894 #
16) L4 AR-1242-1	4.592	3.787	591376	23251	5.706	0.224 #
17) L4 AR-1242-2	4.592	3.798	591376	34357	3.812	0.222 #
18) L4 AR-1242-3	4.666	3.962	905917	1112421	9.353	13.564 #
19) L4 AR-1242-4	4.774f	4.044	421504	7101804	5.545	91.017 #
20) L4 AR-1242-5	5.493f	4.538	52424096	7244397	631.501	75.123 #
21) L5 AR-1248-1	4.592	3.787	591376	23251	7.594	0.287 #
22) L5 AR-1248-2	4.856	4.010	485023	4205671	4.346	34.308 #
23) L5 AR-1248-3	5.031	4.044	1800464	7101804	13.529	60.860 #
24) L5 AR-1248-4	5.401f	4.196	54032284	17529431	377.521	125.046 #
25) L5 AR-1248-5	5.493f	4.592	52424096	4660527	373.876	35.023 #
26) L6 AR-1254-1	5.401	4.538	54032284	7244397	352.765	34.599 #
27) L6 AR-1254-2	5.603	4.694	11097121	5418206	47.523	29.291 #
28) L6 AR-1254-3	5.957	5.078	19983310	3319191	81.301	11.732 #
29) L6 AR-1254-4	6.267	5.303	11105028	7848635	63.913	42.277 #
30) L6 AR-1254-5	6.698	5.708	8443799	3086665	43.750	11.888 #
31) L7 AR-1260-1	6.161	5.197	5351236	43917616	28.575	227.093 #
32) L7 AR-1260-2	6.416	5.402	16343492	4475241	75.386	19.230 #
33) L7 AR-1260-3	6.762	5.518	5913022	10669680	36.278	49.086 #
34) L7 AR-1260-4	6.992	6.010	505464	2100762	2.946	11.405 #
35) L7 AR-1260-5	0.000	6.239	0	2885191	N.D.	6.654 #
36) L8 AR-1262-1	6.762	5.824	5913022	2387453	24.035	20.960
37) L8 AR-1262-2	0.000	6.010	0	2100762	N.D.	8.247 #
39) L8 AR-1262-4	7.658	6.586	677571	555828	3.211	1.284 #
40) L8 AR-1262-5	8.156	7.089	423655	199951	3.108	0.762 #
42) L9 AR-1268-2	7.658	6.586	677571	555828	1.558	0.895 #
43) L9 AR-1268-3	7.836	6.786	104233	1100644	0.276	1.719 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 21:18:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

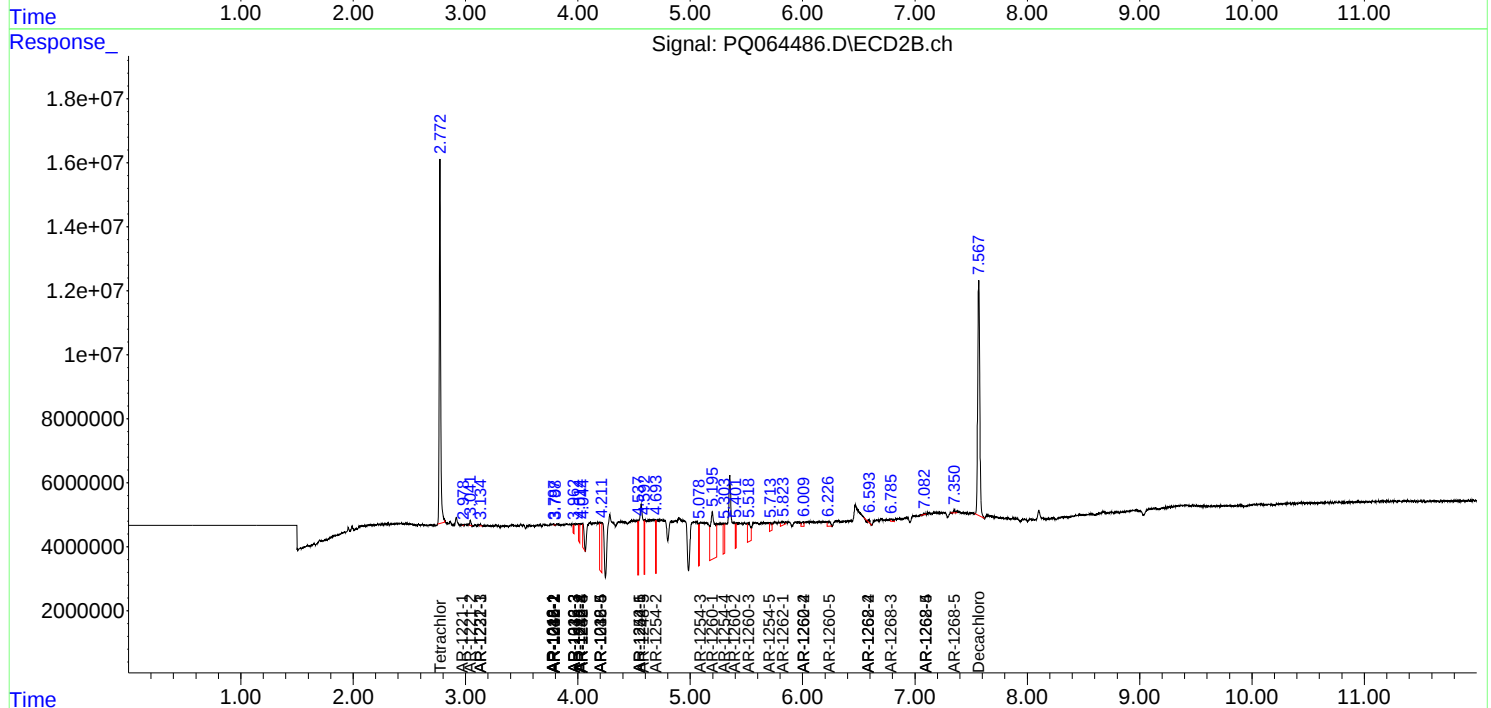
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

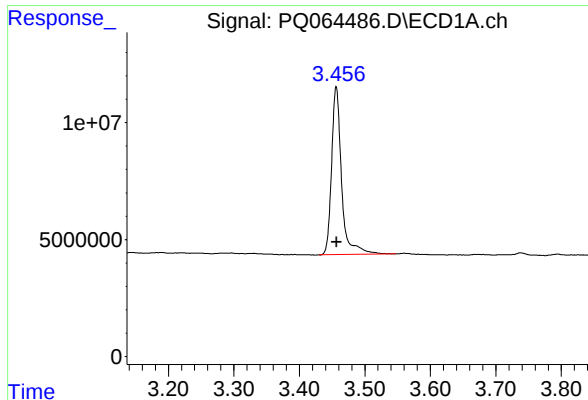
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	8.156	7.089	423655	199951	2.768	0.664 #
45)	L9 AR-1268-5	8.448	7.349	604490	978572	0.556	0.518

(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

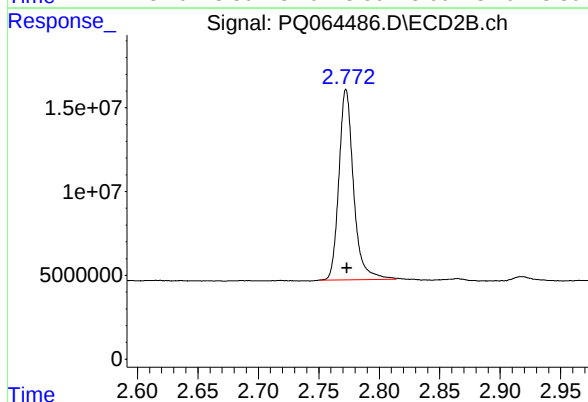




#1 Tetrachloro-m-xylene

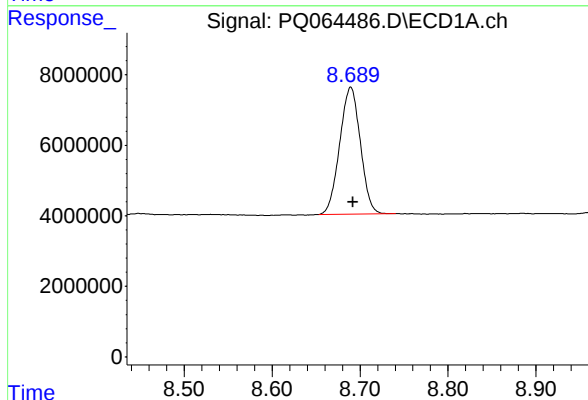
R.T.: 3.456 min
Delta R.T.: 0.000 min
Response: 76446620
Conc: 18.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



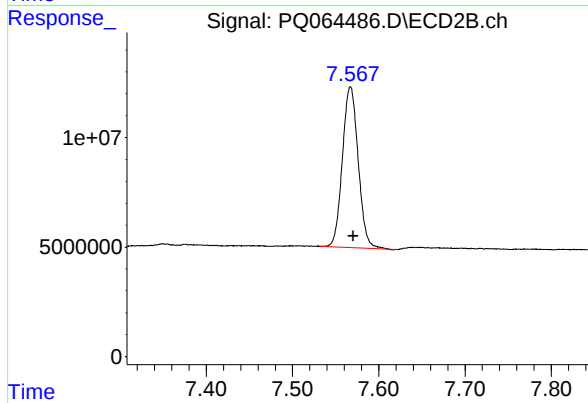
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 95917389
Conc: 22.85 ng/ml



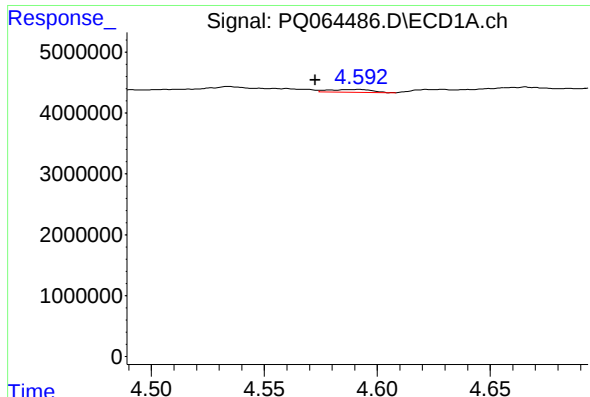
#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: -0.003 min
Response: 58944305
Conc: 20.11 ng/ml



#2 Decachlorobiphenyl

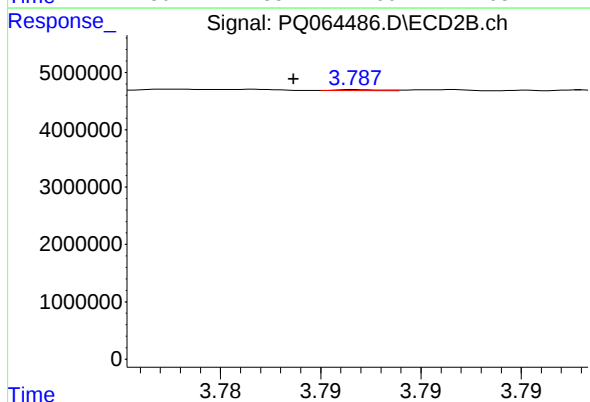
R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 93049433
Conc: 23.05 ng/ml



#3 AR-1016-1

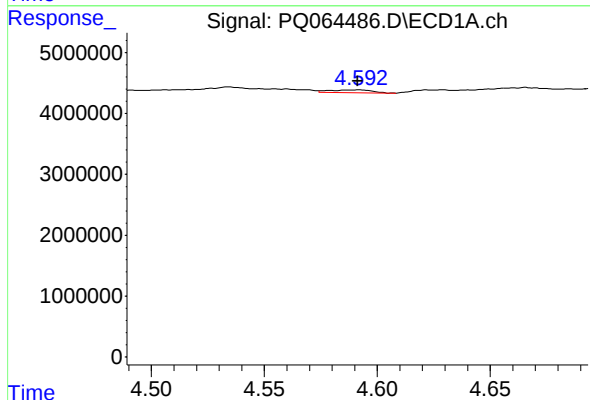
R.T.: 4.592 min
Delta R.T.: 0.019 min
Response: 591376
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



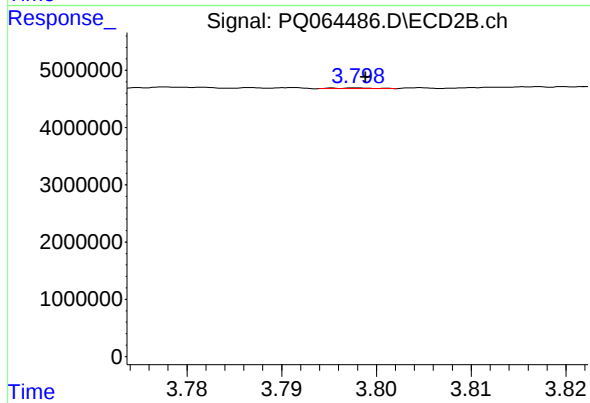
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: 0.003 min
Response: 23251
Conc: 0.19 ng/ml



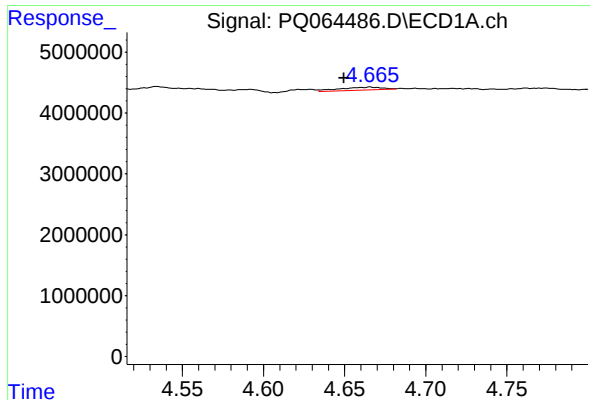
#4 AR-1016-2

R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 591376
Conc: 3.08 ng/ml



#4 AR-1016-2

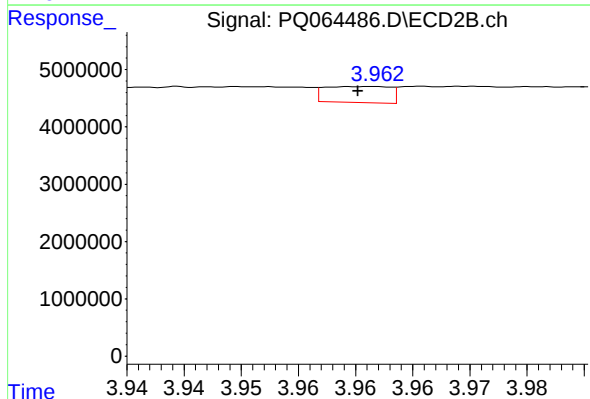
R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 34357
Conc: 0.19 ng/ml



#5 AR-1016-3

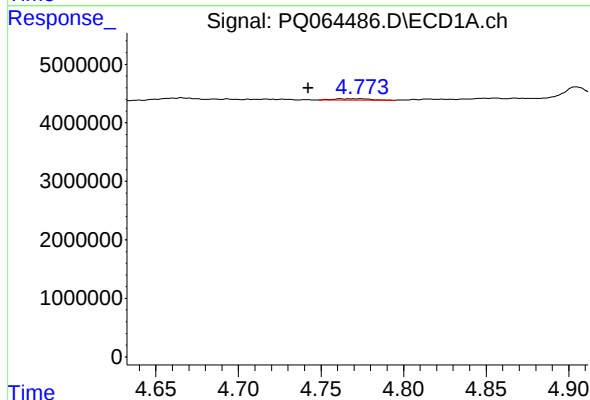
R.T.: 4.666 min
Delta R.T.: 0.016 min
Response: 905917
Conc: 7.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



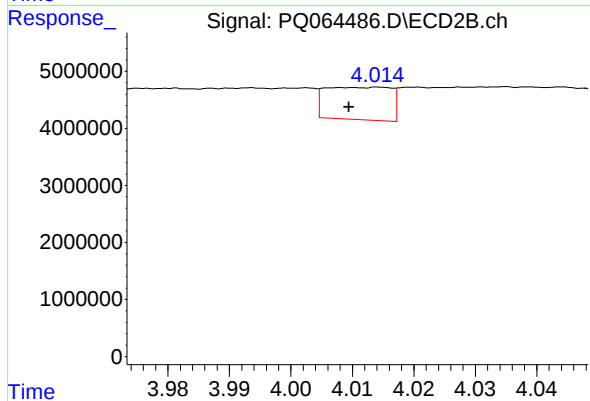
#5 AR-1016-3

R.T.: 3.962 min
Delta R.T.: 0.002 min
Response: 1112421
Conc: 11.43 ng/ml



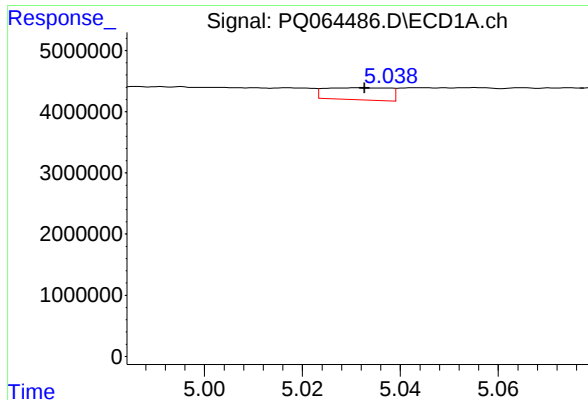
#6 AR-1016-4

R.T.: 4.774 min
Delta R.T.: 0.032 min
Response: 421504
Conc: 4.54 ng/ml



#6 AR-1016-4

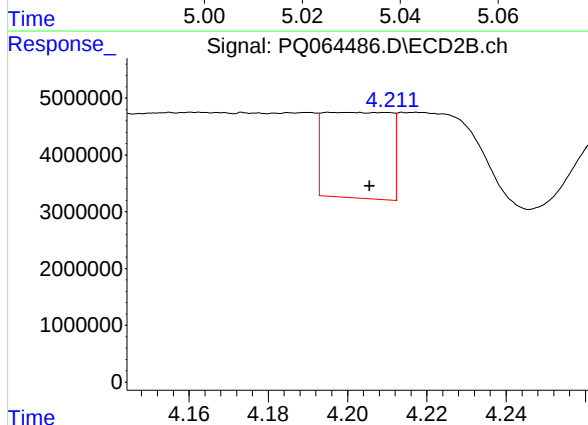
R.T.: 4.010 min
Delta R.T.: 0.001 min
Response: 4205671
Conc: 50.36 ng/ml



#7 AR-1016-5

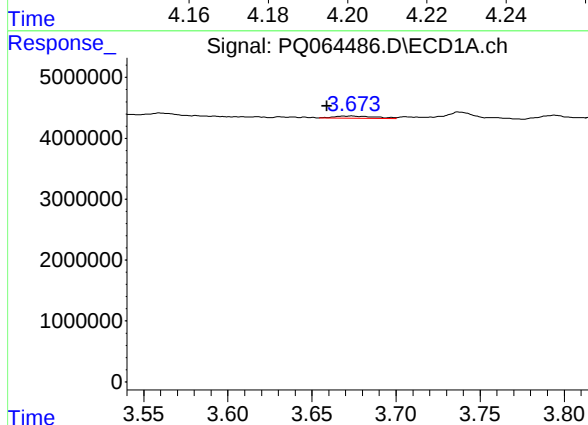
R.T.: 5.031 min
Delta R.T.: -0.002 min
Response: 1800464
Conc: 18.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



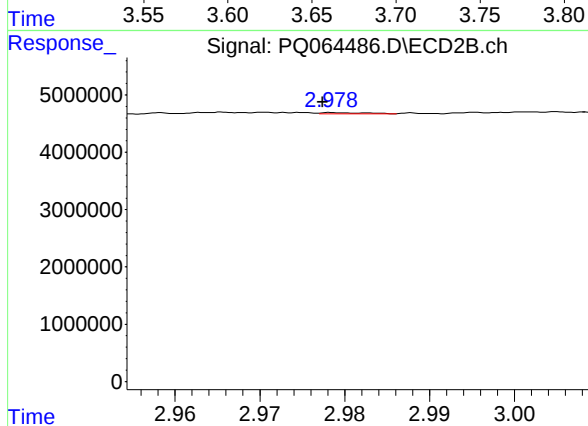
#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: -0.010 min
Response: 17529431
Conc: 173.15 ng/ml



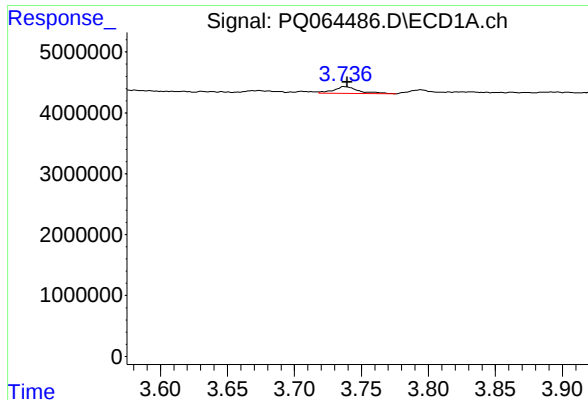
#8 AR-1221-1

R.T.: 3.673 min
Delta R.T.: 0.014 min
Response: 572018
Conc: 11.27 ng/ml



#8 AR-1221-1

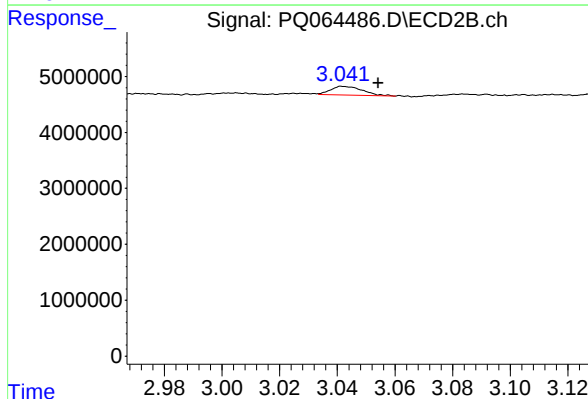
R.T.: 2.979 min
Delta R.T.: 0.001 min
Response: 71006
Conc: 1.25 ng/ml



#9 AR-1221-2

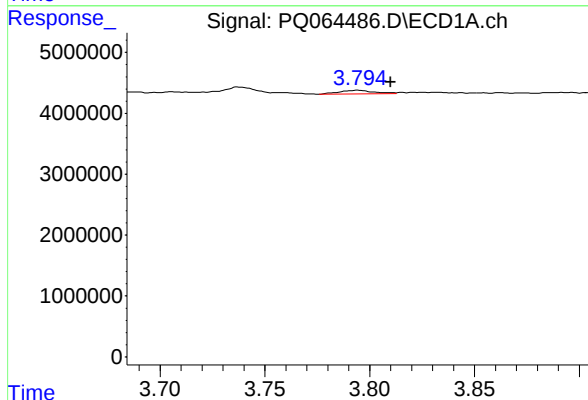
R.T.: 3.738 min
Delta R.T.: -0.002 min
Response: 1479276
Conc: 40.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



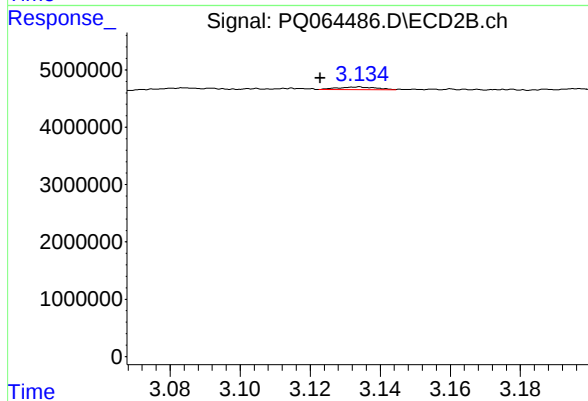
#9 AR-1221-2

R.T.: 3.042 min
Delta R.T.: -0.013 min
Response: 1181425
Conc: 28.05 ng/ml



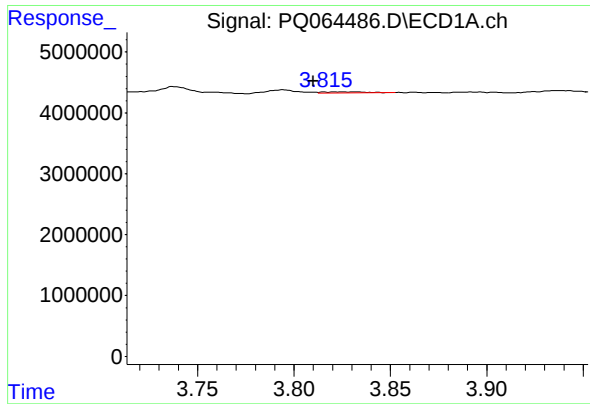
#10 AR-1221-3

R.T.: 3.794 min
Delta R.T.: -0.016 min
Response: 713485
Conc: 6.31 ng/ml



#10 AR-1221-3

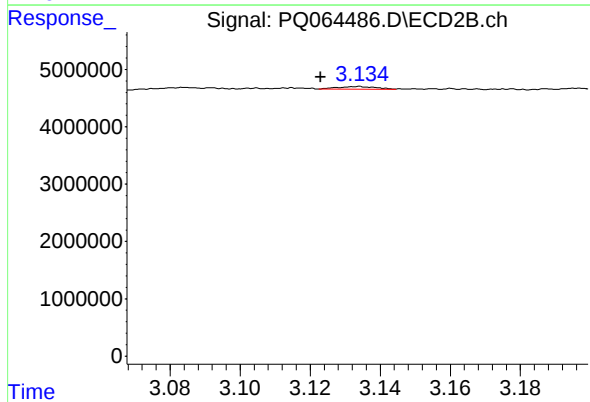
R.T.: 3.134 min
Delta R.T.: 0.011 min
Response: 341819
Conc: 2.68 ng/ml



#11 AR-1232-1

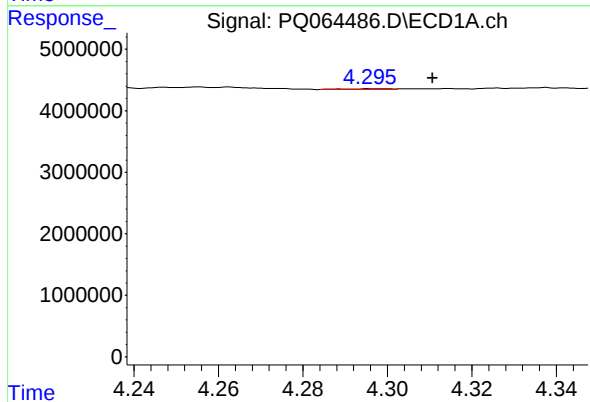
R.T.: 3.826 min
Delta R.T.: 0.015 min
Response: 295867
Conc: 3.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



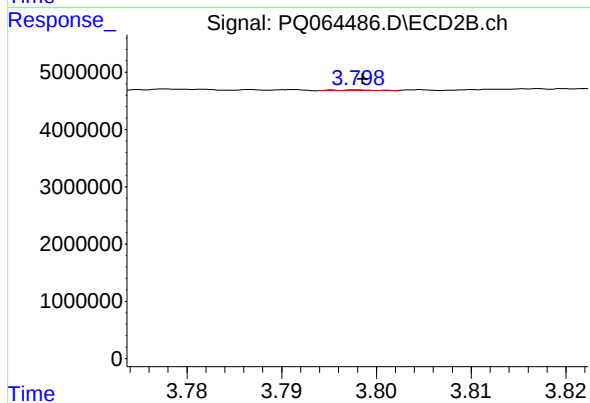
#11 AR-1232-1

R.T.: 3.134 min
Delta R.T.: 0.011 min
Response: 341819
Conc: 3.55 ng/ml



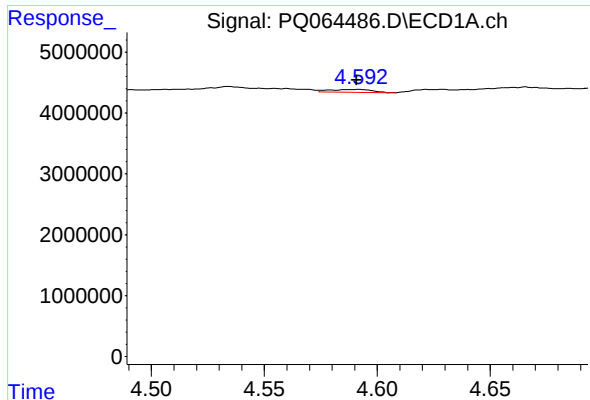
#12 AR-1232-2

R.T.: 4.296 min
Delta R.T.: -0.014 min
Response: 88816
Conc: 1.82 ng/ml



#12 AR-1232-2

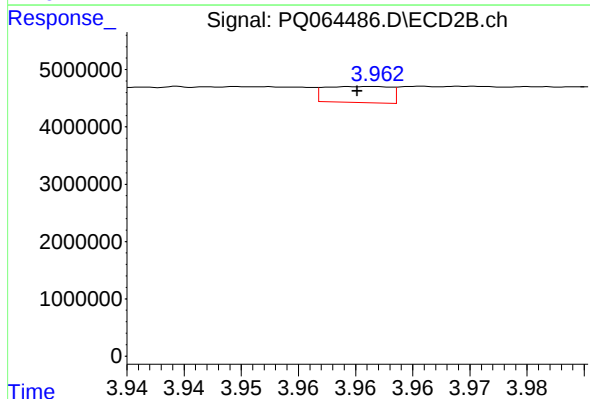
R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 34357
Conc: 0.41 ng/ml



#13 AR-1232-3

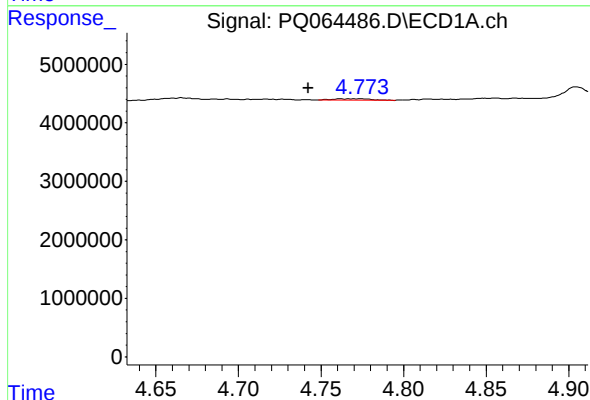
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 591376
Conc: 6.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



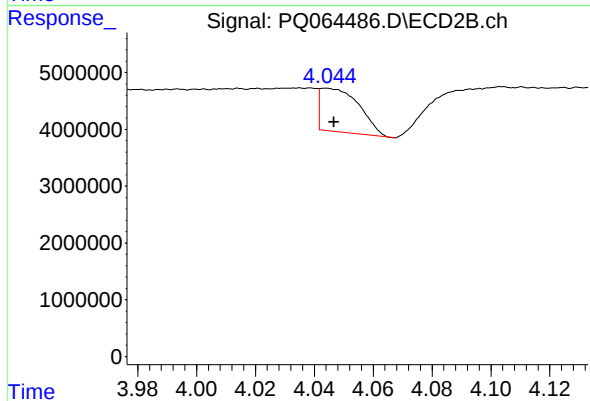
#13 AR-1232-3

R.T.: 3.962 min
Delta R.T.: 0.002 min
Response: 1112421
Conc: 24.99 ng/ml



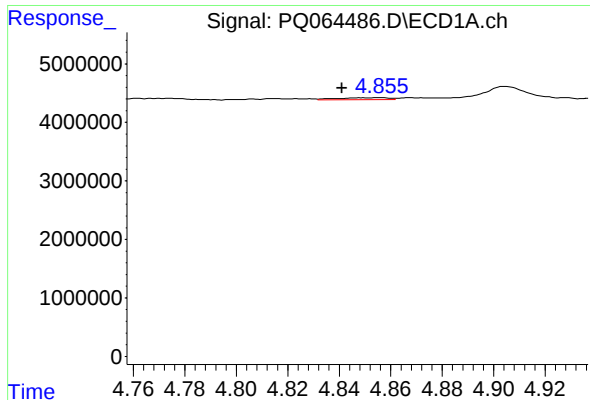
#14 AR-1232-4

R.T.: 4.774 min
Delta R.T.: 0.032 min
Response: 421504
Conc: 10.23 ng/ml



#14 AR-1232-4

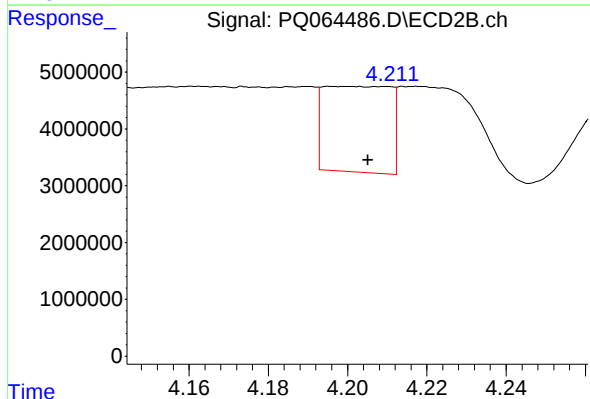
R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 7101804
Conc: 185.90 ng/ml



#15 AR-1232-5

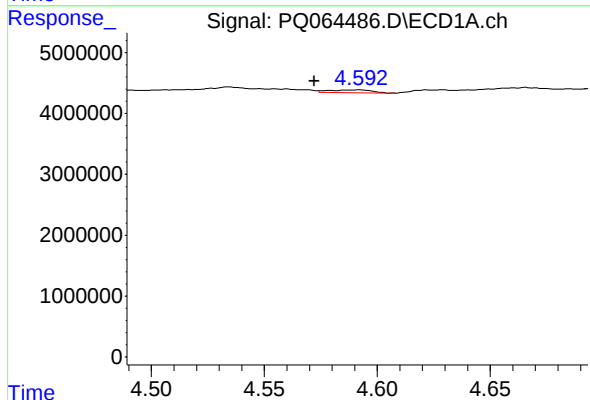
R.T.: 4.856 min
Delta R.T.: 0.015 min
Response: 485023
Conc: 15.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



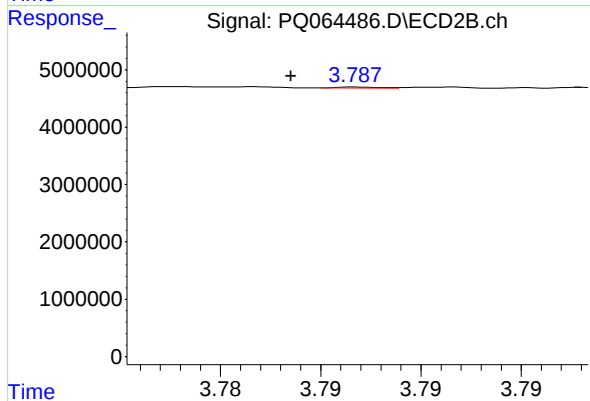
#15 AR-1232-5

R.T.: 4.196 min
Delta R.T.: -0.010 min
Response: 17529431
Conc: 411.89 ng/ml



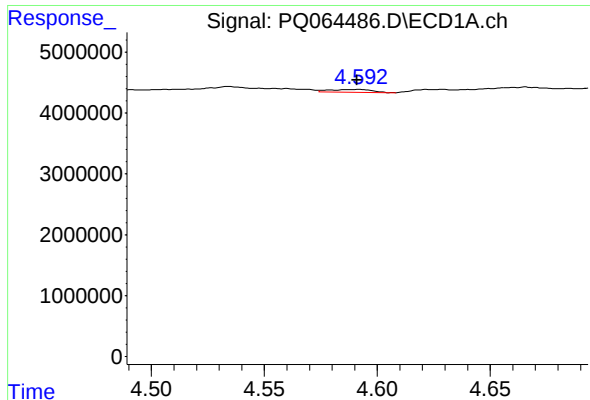
#16 AR-1242-1

R.T.: 4.592 min
Delta R.T.: 0.020 min
Response: 591376
Conc: 5.71 ng/ml



#16 AR-1242-1

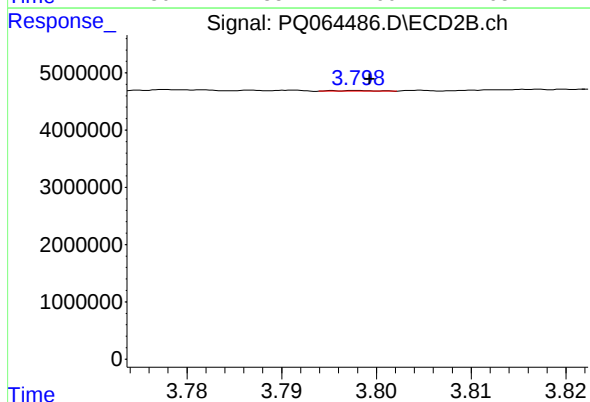
R.T.: 3.787 min
Delta R.T.: 0.003 min
Response: 23251
Conc: 0.22 ng/ml



#17 AR-1242-2

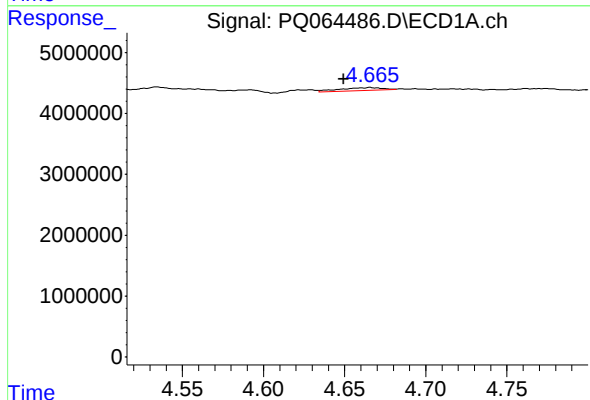
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 591376
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



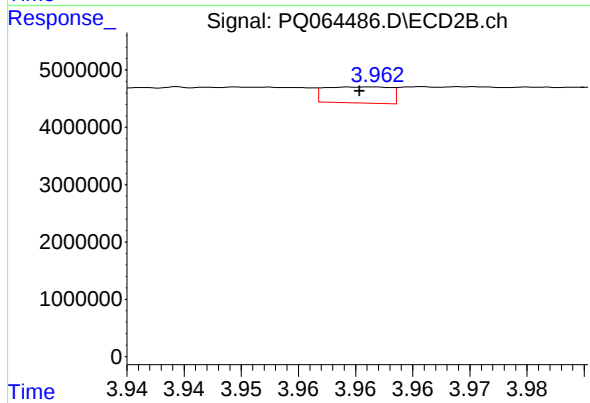
#17 AR-1242-2

R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 34357
Conc: 0.22 ng/ml



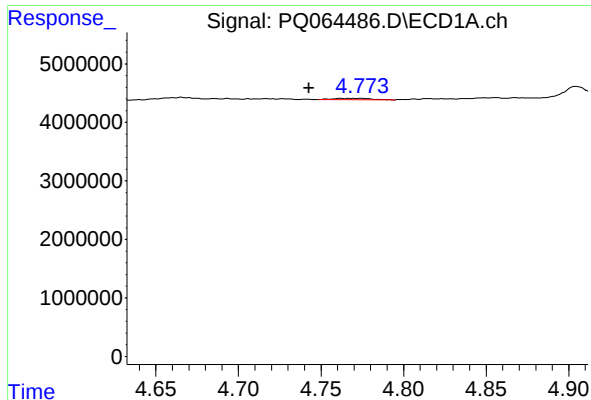
#18 AR-1242-3

R.T.: 4.666 min
Delta R.T.: 0.016 min
Response: 905917
Conc: 9.35 ng/ml



#18 AR-1242-3

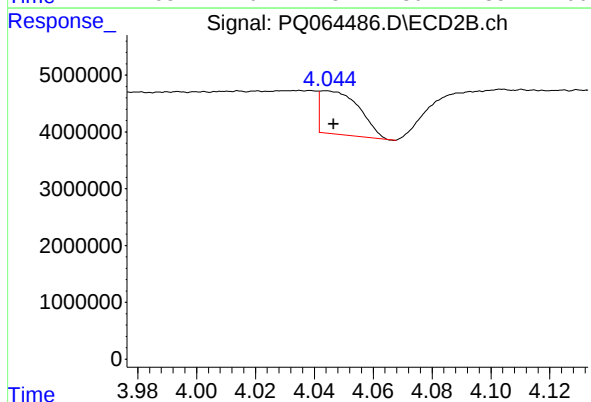
R.T.: 3.962 min
Delta R.T.: 0.001 min
Response: 1112421
Conc: 13.56 ng/ml



#19 AR-1242-4

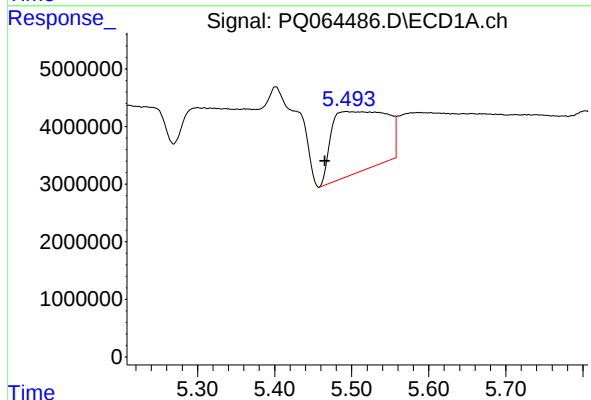
R.T.: 4.774 min
Delta R.T.: 0.031 min
Response: 421504
Conc: 5.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



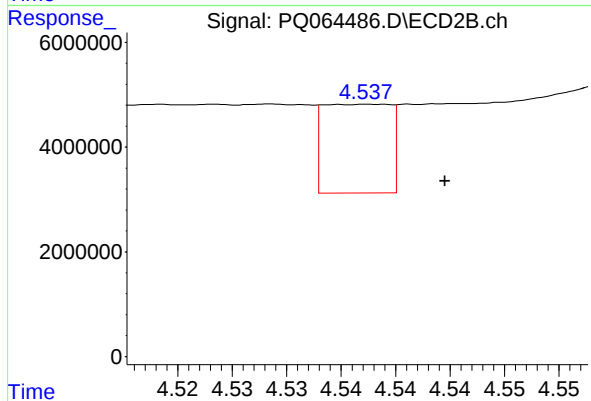
#19 AR-1242-4

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 7101804
Conc: 91.02 ng/ml



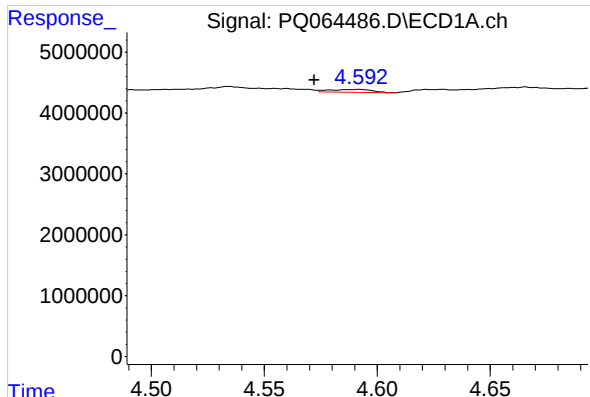
#20 AR-1242-5

R.T.: 5.493 min
Delta R.T.: 0.028 min
Response: 52424096
Conc: 631.50 ng/ml



#20 AR-1242-5

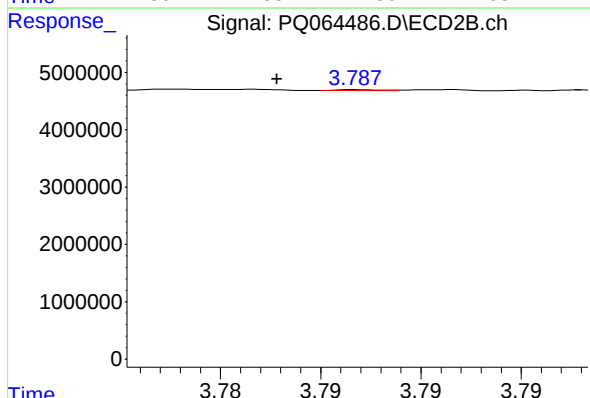
R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 7244397
Conc: 75.12 ng/ml



#21 AR-1248-1

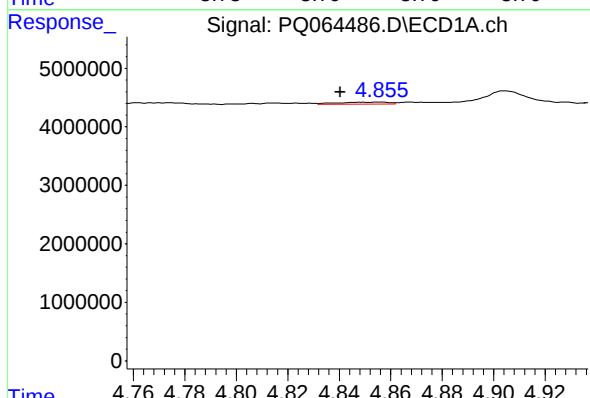
R.T.: 4.592 min
Delta R.T.: 0.020 min
Response: 591376
Conc: 7.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



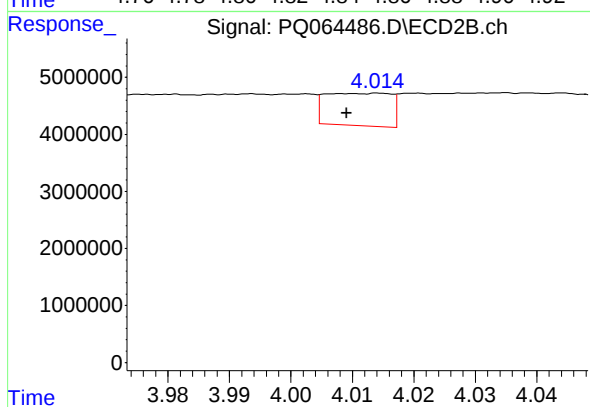
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: 0.004 min
Response: 23251
Conc: 0.29 ng/ml



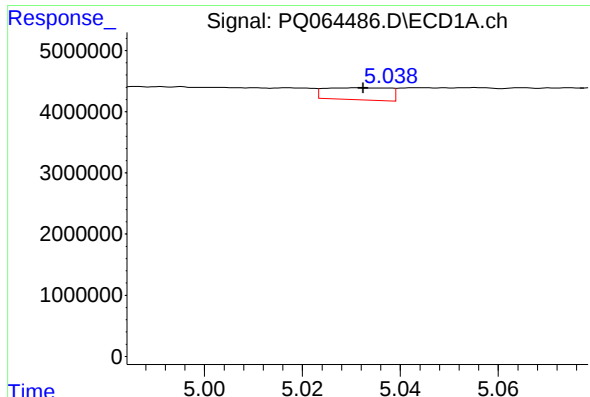
#22 AR-1248-2

R.T.: 4.856 min
Delta R.T.: 0.016 min
Response: 485023
Conc: 4.35 ng/ml



#22 AR-1248-2

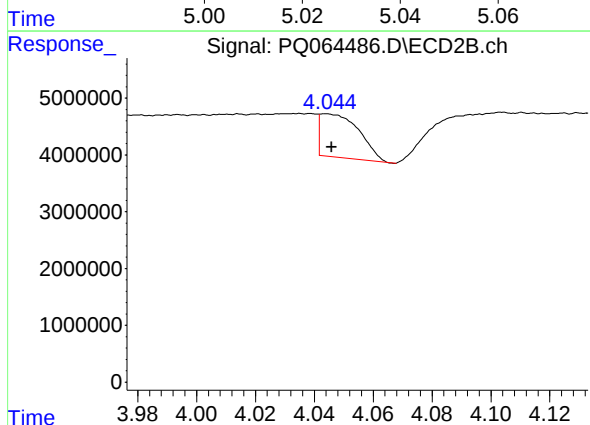
R.T.: 4.010 min
Delta R.T.: 0.001 min
Response: 4205671
Conc: 34.31 ng/ml



#23 AR-1248-3

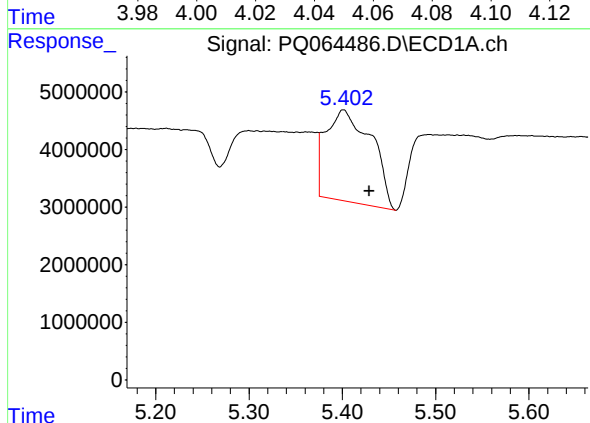
R.T.: 5.031 min
Delta R.T.: -0.002 min
Response: 1800464
Conc: 13.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



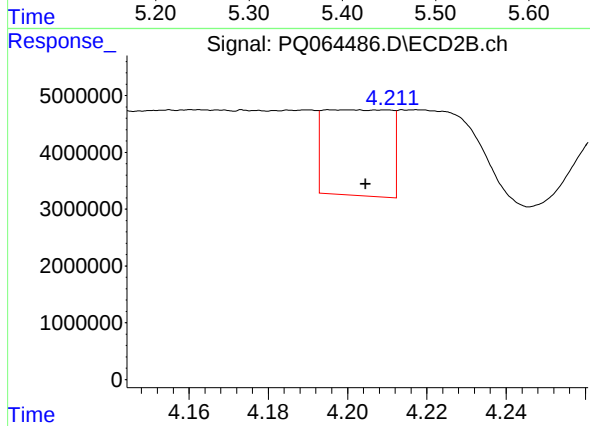
#23 AR-1248-3

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 7101804
Conc: 60.86 ng/ml



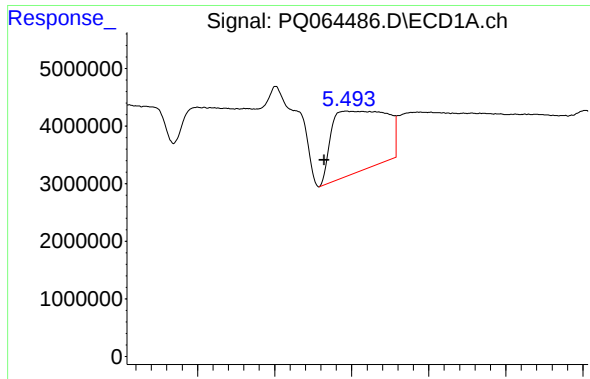
#24 AR-1248-4

R.T.: 5.401 min
Delta R.T.: -0.028 min
Response: 54032284
Conc: 377.52 ng/ml



#24 AR-1248-4

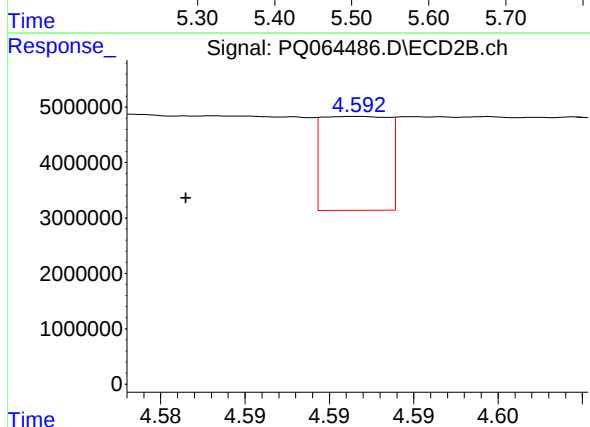
R.T.: 4.196 min
Delta R.T.: -0.009 min
Response: 17529431
Conc: 125.05 ng/ml



#25 AR-1248-5

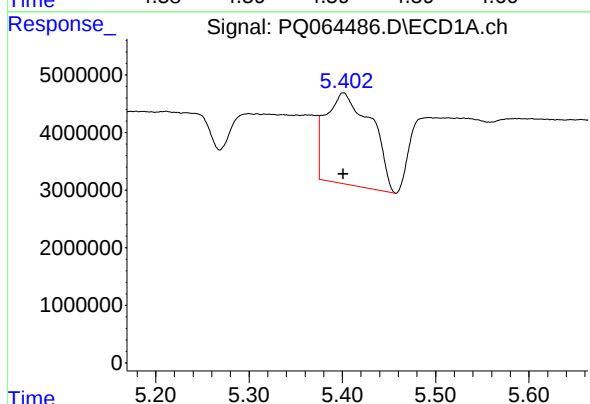
R.T.: 5.493 min
Delta R.T.: 0.029 min
Response: 52424096
Conc: 373.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



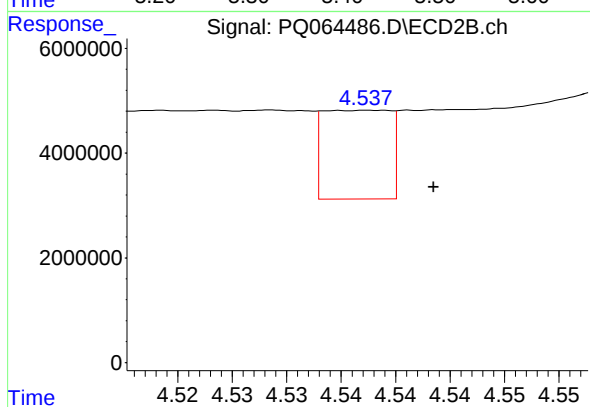
#25 AR-1248-5

R.T.: 4.592 min
Delta R.T.: 0.010 min
Response: 4660527
Conc: 35.02 ng/ml



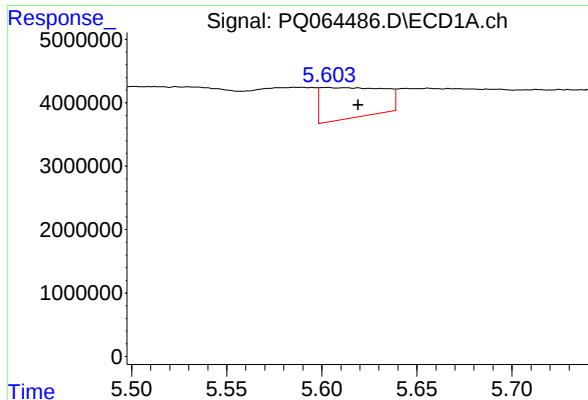
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 54032284
Conc: 352.76 ng/ml



#26 AR-1254-1

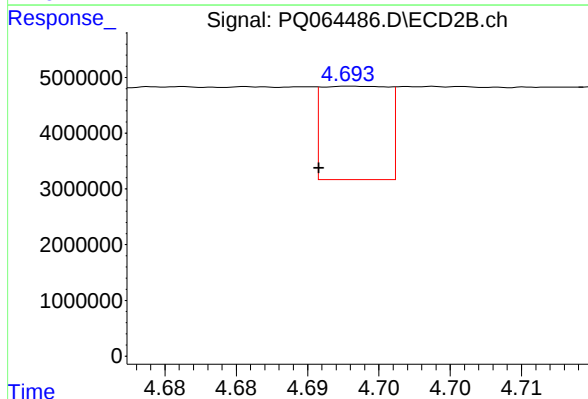
R.T.: 4.538 min
Delta R.T.: -0.005 min
Response: 7244397
Conc: 34.60 ng/ml



#27 AR-1254-2

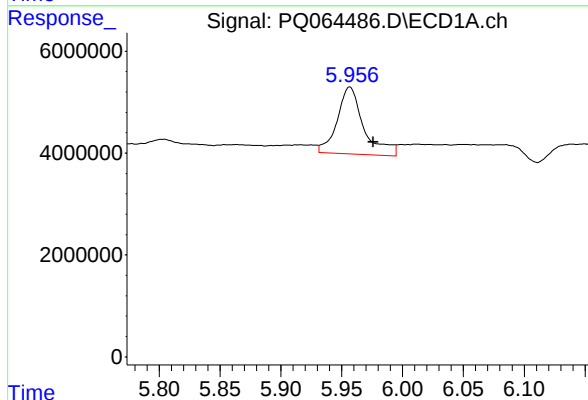
R.T.: 5.603 min
Delta R.T.: -0.017 min
Response: 11097121
Conc: 47.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



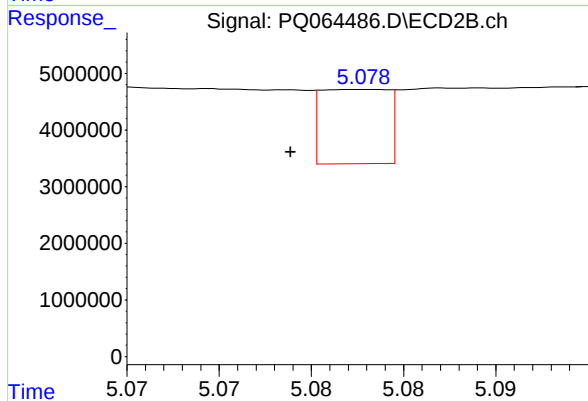
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: 0.003 min
Response: 5418206
Conc: 29.29 ng/ml



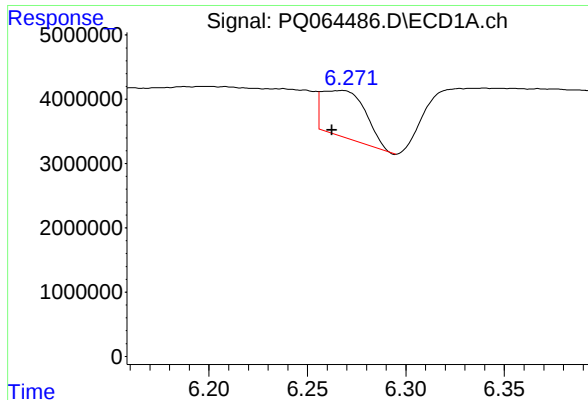
#28 AR-1254-3

R.T.: 5.957 min
Delta R.T.: -0.019 min
Response: 19983310
Conc: 81.30 ng/ml



#28 AR-1254-3

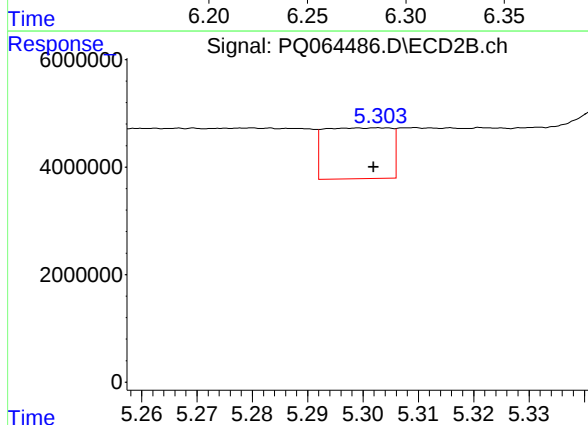
R.T.: 5.078 min
Delta R.T.: 0.004 min
Response: 3319191
Conc: 11.73 ng/ml



#29 AR-1254-4

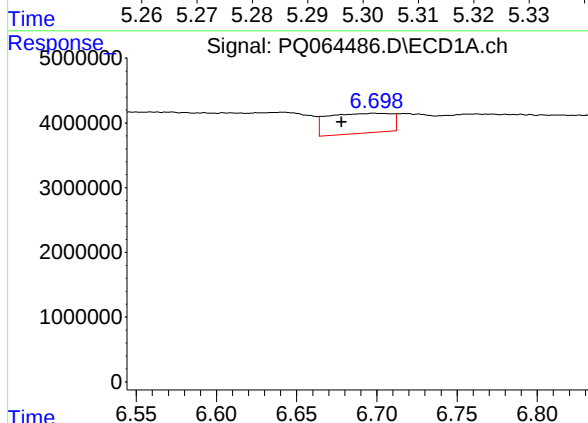
R.T.: 6.267 min
Delta R.T.: 0.005 min
Response: 11105028
Conc: 63.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



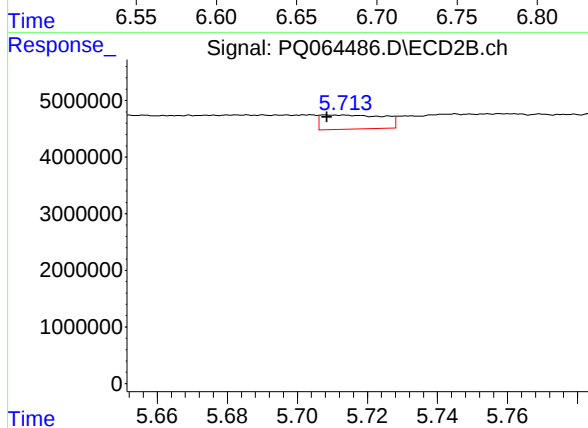
#29 AR-1254-4

R.T.: 5.303 min
Delta R.T.: 0.001 min
Response: 7848635
Conc: 42.28 ng/ml



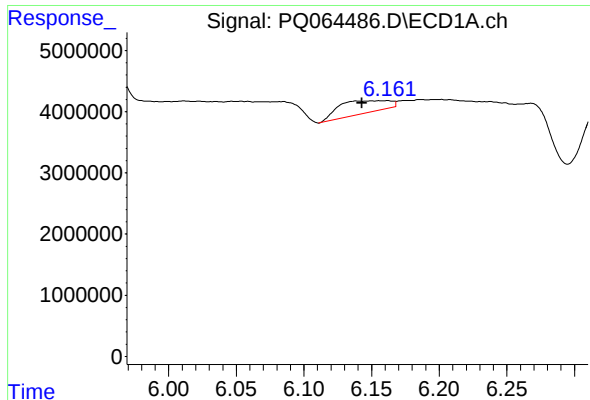
#30 AR-1254-5

R.T.: 6.698 min
Delta R.T.: 0.020 min
Response: 8443799
Conc: 43.75 ng/ml



#30 AR-1254-5

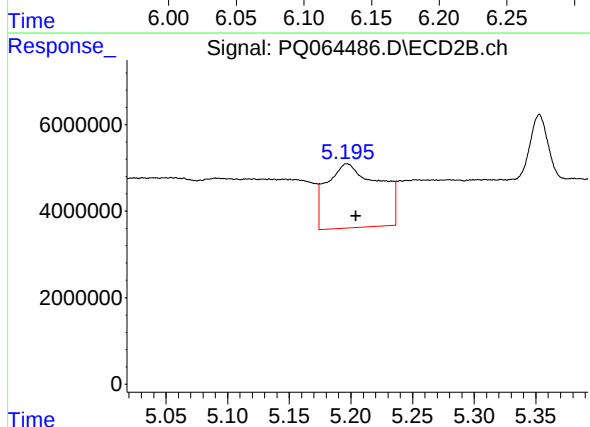
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 3086665
Conc: 11.89 ng/ml



#31 AR-1260-1

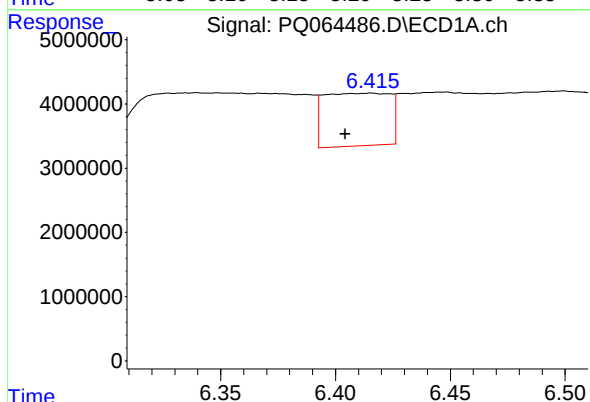
R.T.: 6.161 min
Delta R.T.: 0.018 min
Response: 5351236
Conc: 28.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



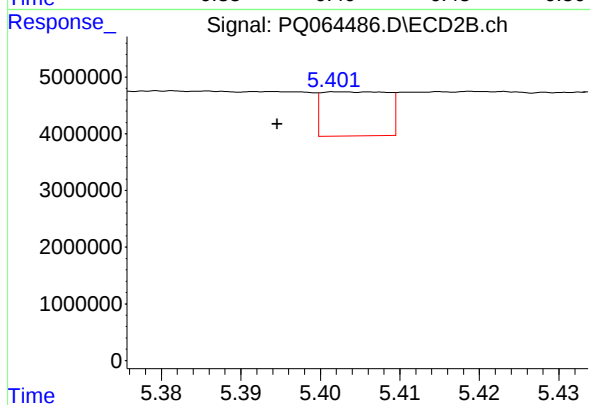
#31 AR-1260-1

R.T.: 5.197 min
Delta R.T.: -0.008 min
Response: 43917616
Conc: 227.09 ng/ml



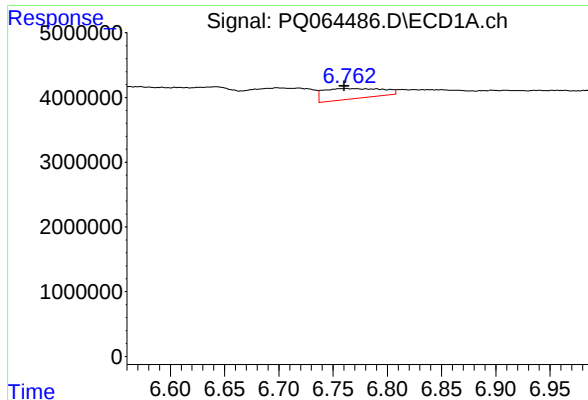
#32 AR-1260-2

R.T.: 6.416 min
Delta R.T.: 0.011 min
Response: 16343492
Conc: 75.39 ng/ml



#32 AR-1260-2

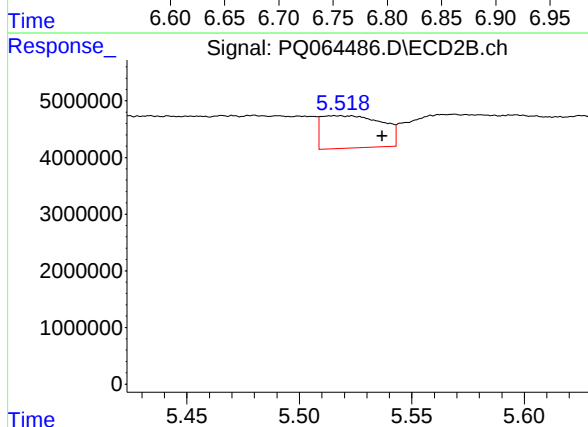
R.T.: 5.402 min
Delta R.T.: 0.008 min
Response: 4475241
Conc: 19.23 ng/ml



#33 AR-1260-3

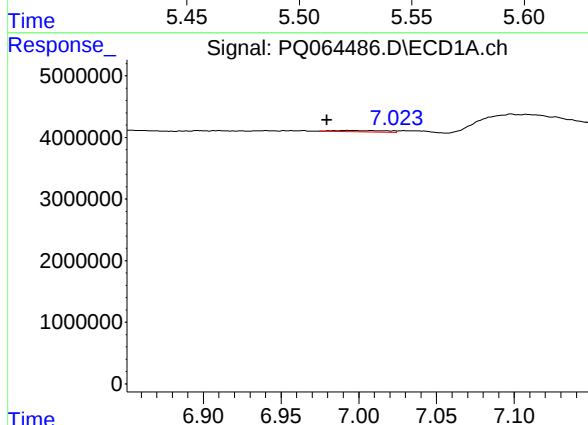
R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 5913022
Conc: 36.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



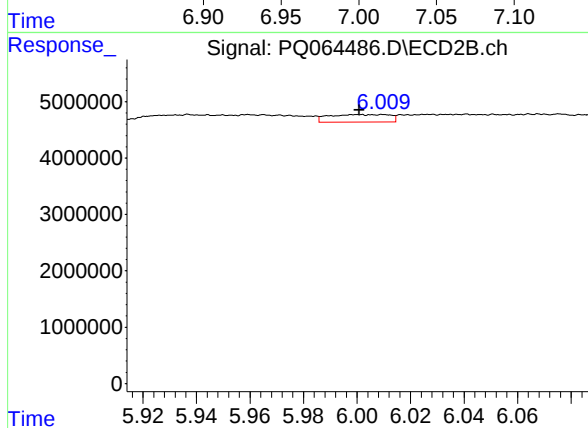
#33 AR-1260-3

R.T.: 5.518 min
Delta R.T.: -0.018 min
Response: 10669680
Conc: 49.09 ng/ml



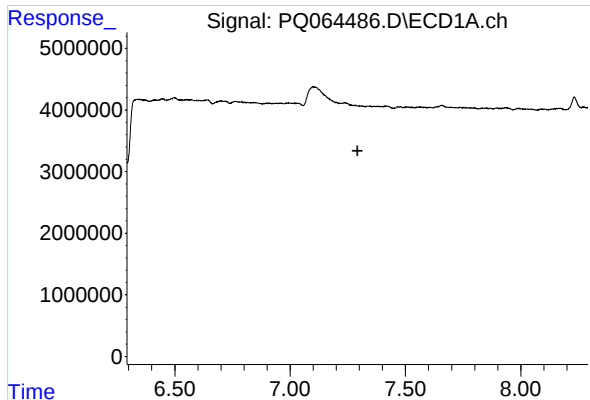
#34 AR-1260-4

R.T.: 6.992 min
Delta R.T.: 0.013 min
Response: 505464
Conc: 2.95 ng/ml



#34 AR-1260-4

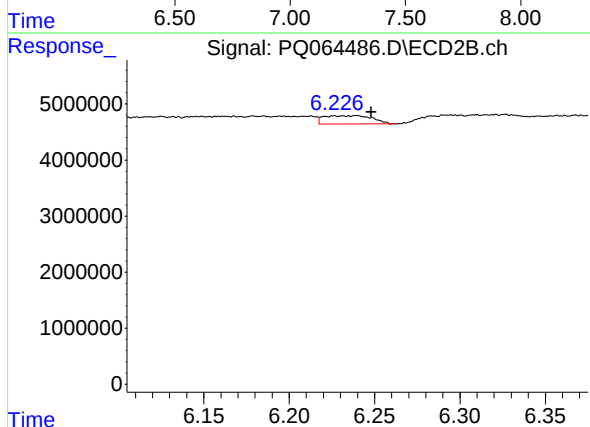
R.T.: 6.010 min
Delta R.T.: 0.009 min
Response: 2100762
Conc: 11.40 ng/ml



#35 AR-1260-5

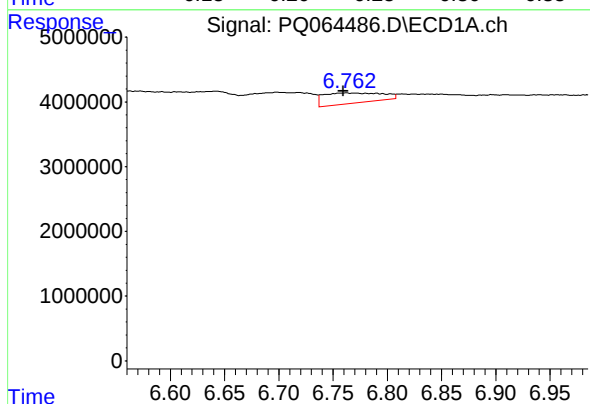
R.T.: 0.000 min
Exp R.T.: 7.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



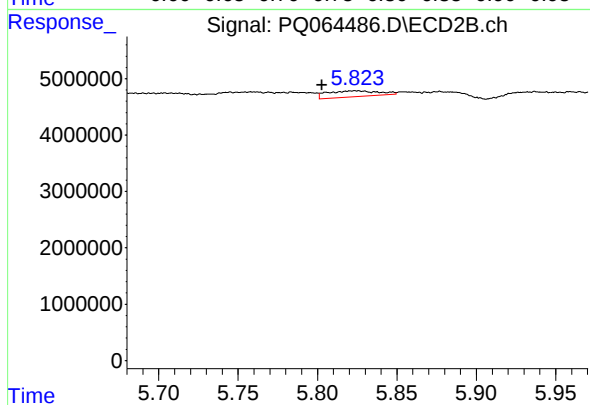
#35 AR-1260-5

R.T.: 6.239 min
Delta R.T.: -0.009 min
Response: 2885191
Conc: 6.65 ng/ml



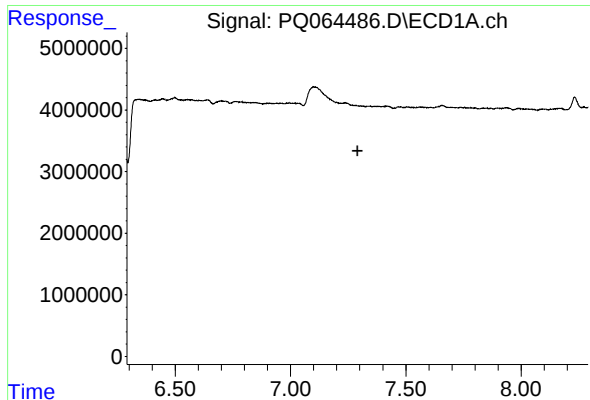
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: 0.002 min
Response: 5913022
Conc: 24.04 ng/ml



#36 AR-1262-1

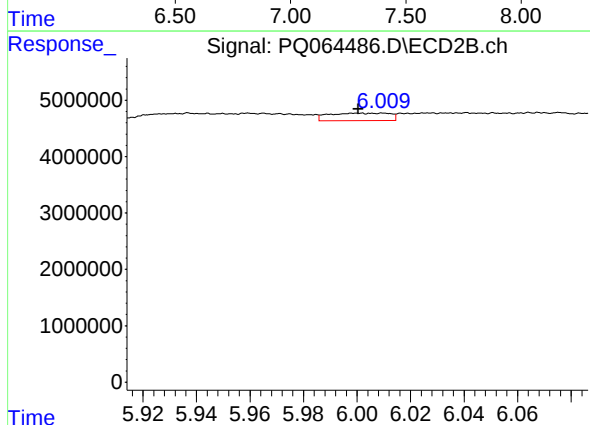
R.T.: 5.824 min
Delta R.T.: 0.021 min
Response: 2387453
Conc: 20.96 ng/ml



#37 AR-1262-2

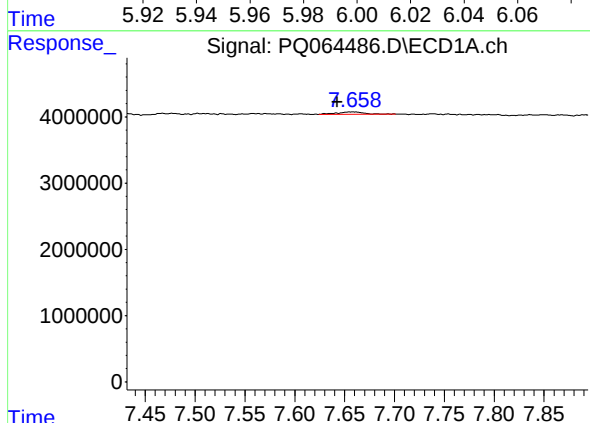
R.T.: 0.000 min
Exp R.T.: 7.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



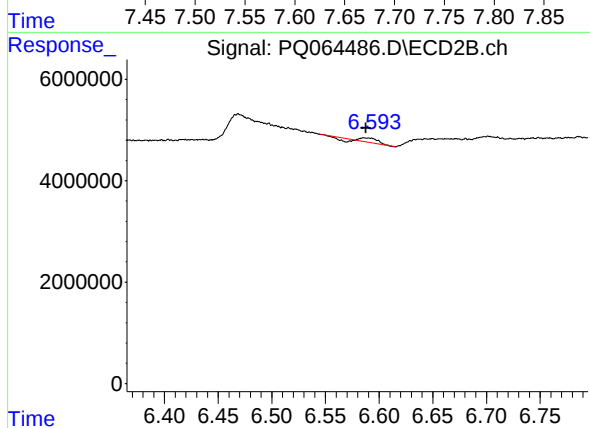
#37 AR-1262-2

R.T.: 6.010 min
Delta R.T.: 0.009 min
Response: 2100762
Conc: 8.25 ng/ml



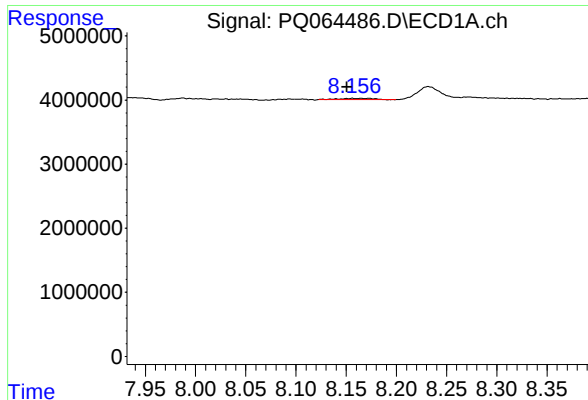
#39 AR-1262-4

R.T.: 7.658 min
Delta R.T.: 0.015 min
Response: 677571
Conc: 3.21 ng/ml



#39 AR-1262-4

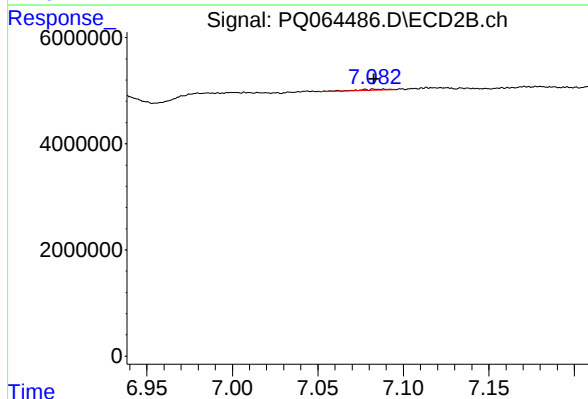
R.T.: 6.586 min
Delta R.T.: -0.002 min
Response: 555828
Conc: 1.28 ng/ml



#40 AR-1262-5

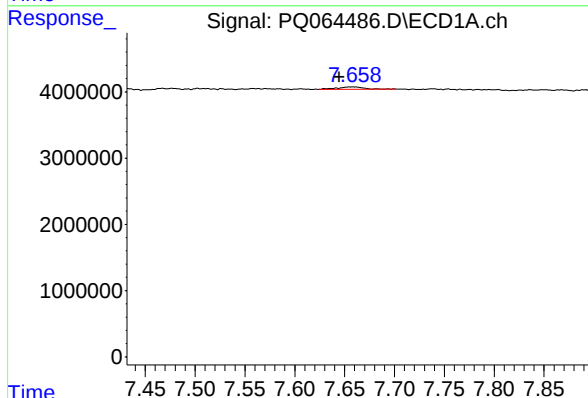
R.T.: 8.156 min
Delta R.T.: 0.005 min
Response: 423655
Conc: 3.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



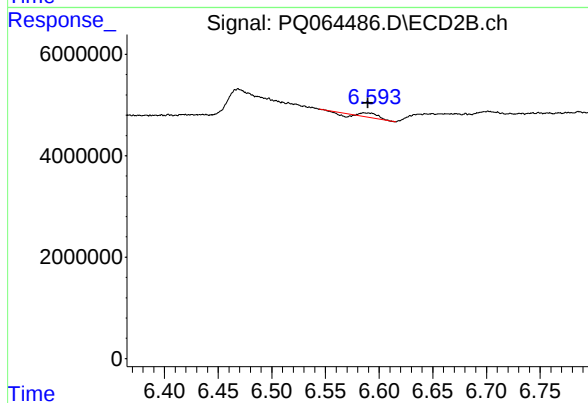
#40 AR-1262-5

R.T.: 7.089 min
Delta R.T.: 0.006 min
Response: 199951
Conc: 0.76 ng/ml



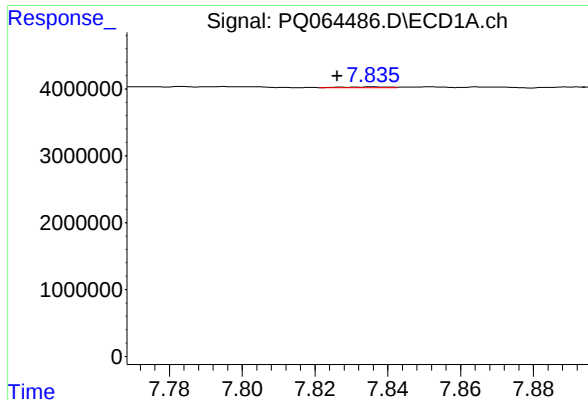
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: 0.013 min
Response: 677571
Conc: 1.56 ng/ml



#42 AR-1268-2

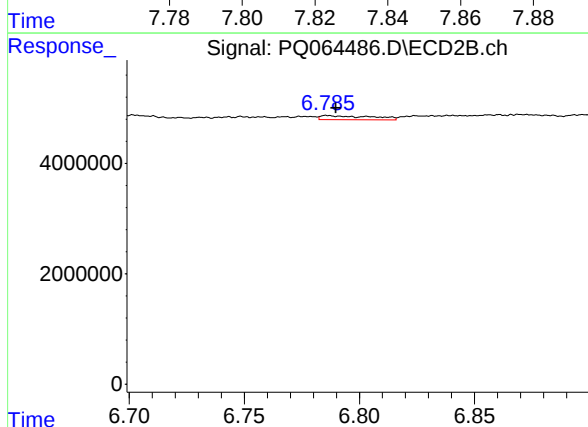
R.T.: 6.586 min
Delta R.T.: -0.004 min
Response: 555828
Conc: 0.90 ng/ml



#43 AR-1268-3

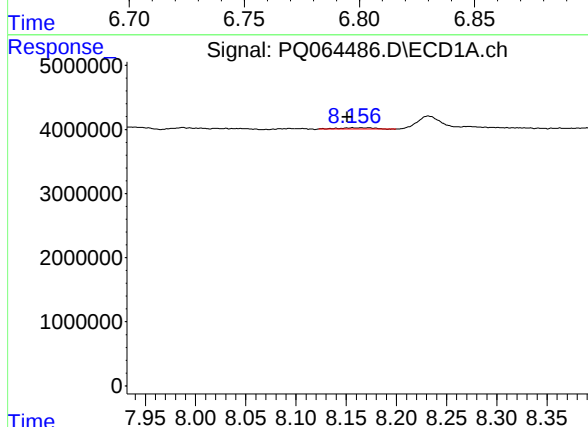
R.T.: 7.836 min
Delta R.T.: 0.010 min
Response: 104233
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



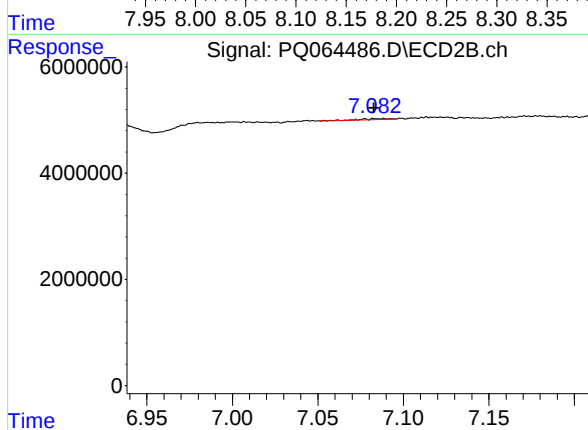
#43 AR-1268-3

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 1100644
Conc: 1.72 ng/ml



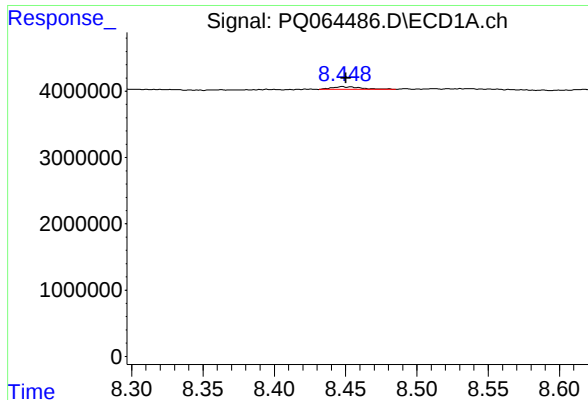
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.005 min
Response: 423655
Conc: 2.77 ng/ml



#44 AR-1268-4

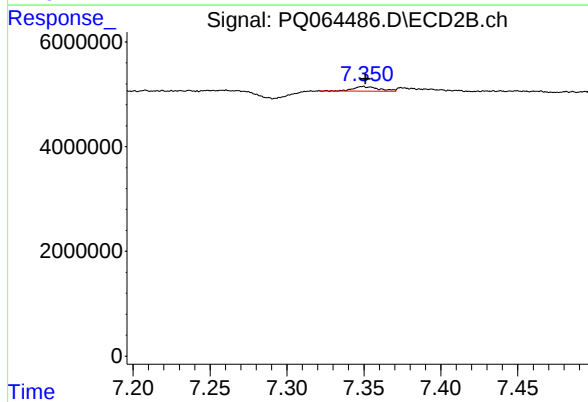
R.T.: 7.089 min
Delta R.T.: 0.006 min
Response: 199951
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: -0.002 min
Response: 604490
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 978572
Conc: 0.52 ng/ml