

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121323\
 Data File : PQ064502.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 00:55
 Operator : YP\AJ
 Sample : 05791-11 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 03:23:56 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...	3.472	2.773	13088638	12848175	3.155	3.060
2) SA Decachlor...	8.718f	7.576	3516673	3611181	1.200	0.895 #
Target Compounds						
3) L1 AR-1016-1	4.554	3.776	7075926	997742	55.538	8.209 #
4) L1 AR-1016-2	4.626f	3.815	286510	2412363	1.493	13.160 #
5) L1 AR-1016-3	4.645	3.960	131662	120904	1.110	1.243
6) L1 AR-1016-4	4.773f	4.007	-204779	764966	N.D.	9.160 #
7) L1 AR-1016-5	5.040	4.209	3143474	3932701	32.265	38.846
8) L2 AR-1221-1	3.667	2.977	1145975	31369	22.570	0.554 #
9) L2 AR-1221-2	3.725	3.061	2868403	115409	78.289	2.740 #
10) L2 AR-1221-3	3.808	3.136	3012431	994643	26.638	7.811 #
11) L3 AR-1232-1	3.808	3.136	3012431	994643	34.905	10.326 #
12) L3 AR-1232-2	4.318	3.815	536923	2412363	11.006	28.859 #
13) L3 AR-1232-3	4.626f	3.960	286510	120904	3.356	2.716
14) L3 AR-1232-4	4.773f	4.039	-204779	4718840	N.D.	123.523 #
15) L3 AR-1232-5	4.851	4.202	3021143	1638671	98.809	38.504 #
16) L4 AR-1242-1	4.554	3.776	7075926	997742	68.274	9.615 #
17) L4 AR-1242-2	4.626f	3.815	286510	2412363	1.847	15.615 #
18) L4 AR-1242-3	4.645	3.960	131662	120904	1.359	1.474
19) L4 AR-1242-4	4.773f	4.039	-204779	4718840	N.D.	60.477 #
20) L4 AR-1242-5	5.459	4.543	4070314	1716350	49.031	17.798 #
21) L5 AR-1248-1	4.554	3.776	7075926	997742	90.862	12.331 #
22) L5 AR-1248-2	4.851	4.007	3021143	764966	27.071	6.240 #
23) L5 AR-1248-3	5.040	4.039	3143474	4718840	23.620	40.439 #
24) L5 AR-1248-4	5.428	4.202	12652733	1638671	88.404	11.689 #
25) L5 AR-1248-5	5.459	4.580	4070314	7150557	29.029	53.735 #
26) L6 AR-1254-1	5.392	4.543	4167187	1716350	27.207	8.197 #
27) L6 AR-1254-2	5.627	4.689	3197307	1230033	13.692	6.649 #
28) L6 AR-1254-3	5.978	5.055	2138246	1261920	8.699	4.461 #
29) L6 AR-1254-4	6.250	5.303	260439	4717107	1.499	25.409 #
30) L6 AR-1254-5	6.678	5.695	3522228	749404	18.250	2.886 #
31) L7 AR-1260-1	6.147	5.202	695124	2891258	3.712	14.950 #
32) L7 AR-1260-2	6.377f	5.392	109.5E6	1658273	504.878	7.125 #
33) L7 AR-1260-3	6.776	5.539	898980	6481338	5.515	29.817 #
34) L7 AR-1260-4	6.973	6.026f	6245440	2440935	36.406	13.252 #
35) L7 AR-1260-5	7.322f	6.249	622725	25410	1.843	0.059 #
36) L8 AR-1262-1	6.776	5.821	898980	1714796	3.654	15.055 #
37) L8 AR-1262-2	7.322f	6.026f	622725	2440935	1.553	9.582 #
38) L8 AR-1262-3	7.557	6.548	637344	283046	2.356	1.257 #
39) L8 AR-1262-4	7.629	6.587	193066	330951	0.915	0.765
41) L9 AR-1268-1	7.557	6.548	637344	283046	1.333	0.430 #
42) L9 AR-1268-2	7.629	6.587	193066	330951	0.444	0.533

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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
43)	L9 AR-1268-3	7.826	6.776	3025380	85188	8.005	0.133 #
45)	L9 AR-1268-5	8.447	7.350	7961928	1472862	7.321	0.780 #

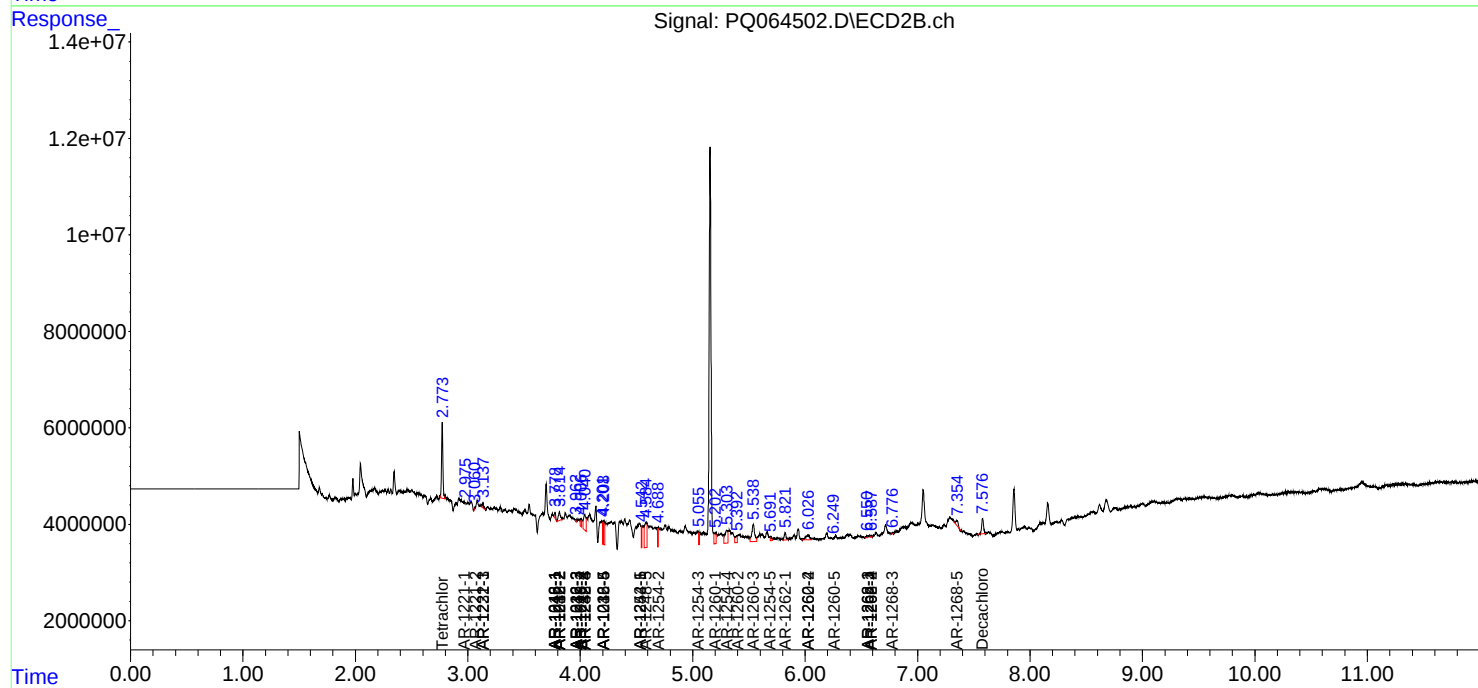
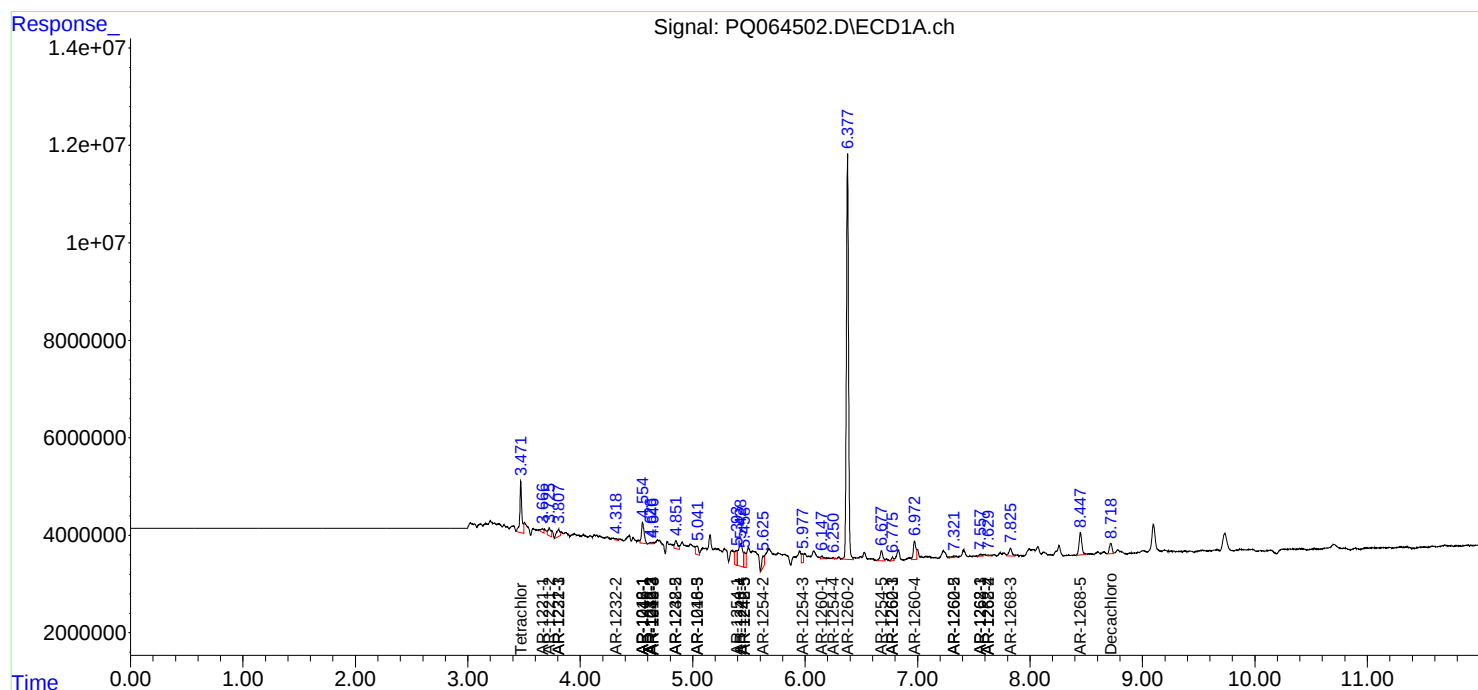
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

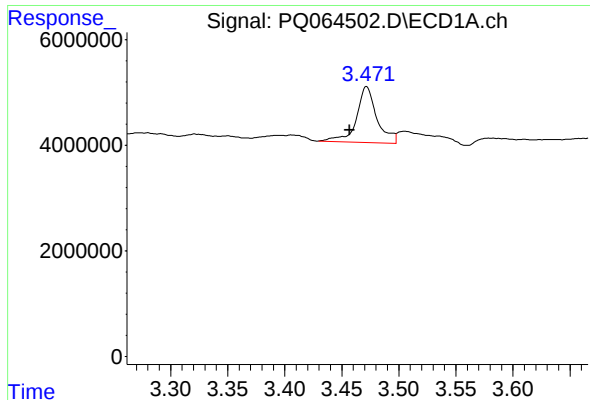
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121323\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

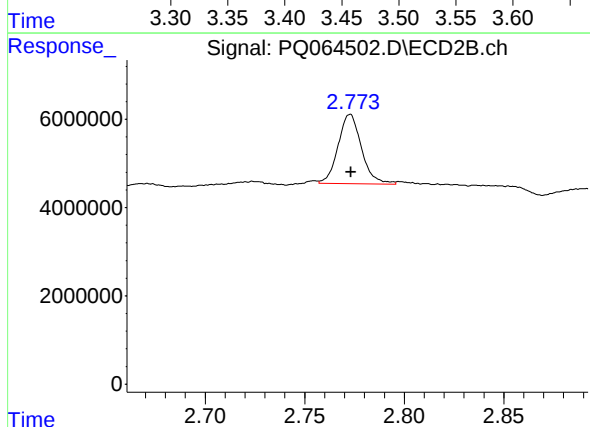




#1 Tetrachloro-m-xylene

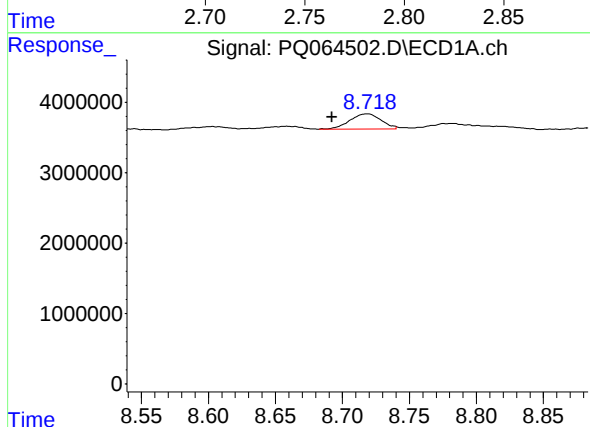
R.T.: 3.472 min
Delta R.T.: 0.015 min
Response: 13088638
Conc: 3.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



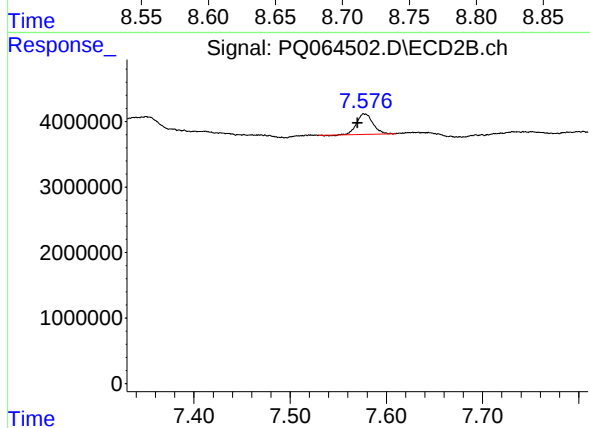
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 12848175
Conc: 3.06 ng/ml



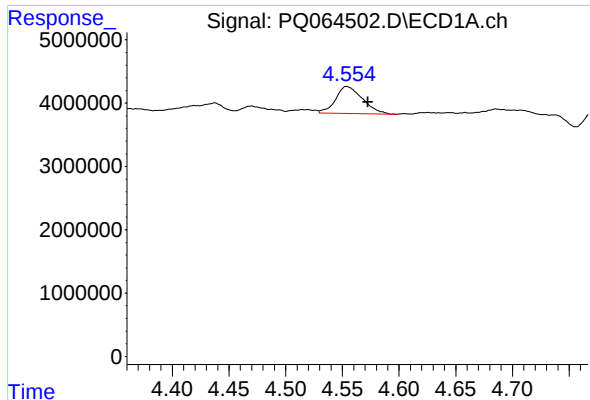
#2 Decachlorobiphenyl

R.T.: 8.718 min
Delta R.T.: 0.026 min
Response: 3516673
Conc: 1.20 ng/ml



#2 Decachlorobiphenyl

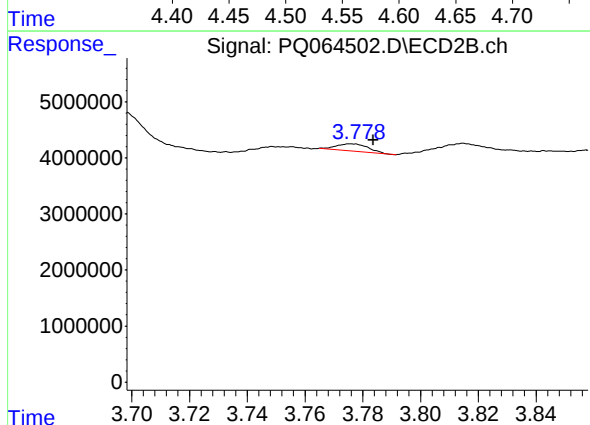
R.T.: 7.576 min
Delta R.T.: 0.006 min
Response: 3611181
Conc: 0.89 ng/ml



#3 AR-1016-1

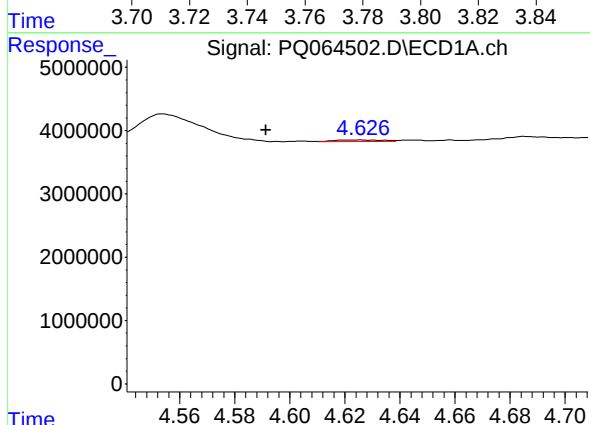
R.T.: 4.554 min
Delta R.T.: -0.019 min
Response: 7075926
Conc: 55.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



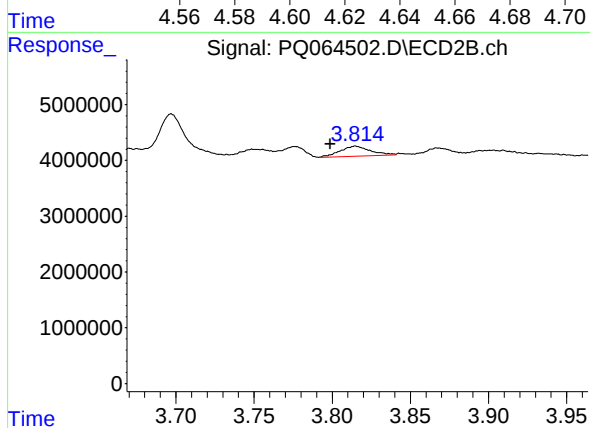
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.008 min
Response: 997742
Conc: 8.21 ng/ml



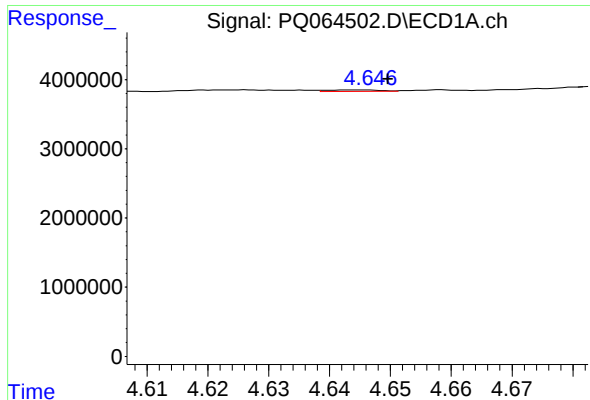
#4 AR-1016-2

R.T.: 4.626 min
Delta R.T.: 0.034 min
Response: 286510
Conc: 1.49 ng/ml



#4 AR-1016-2

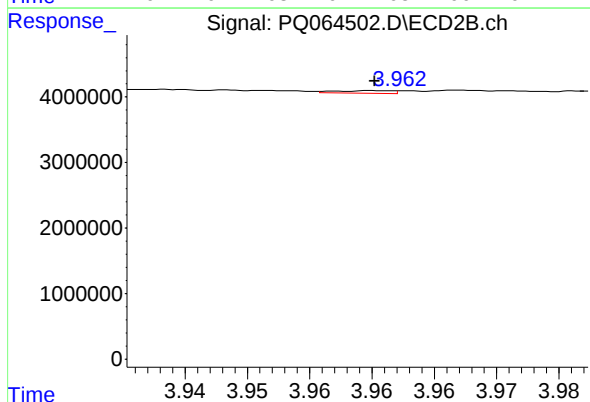
R.T.: 3.815 min
Delta R.T.: 0.016 min
Response: 2412363
Conc: 13.16 ng/ml



#5 AR-1016-3

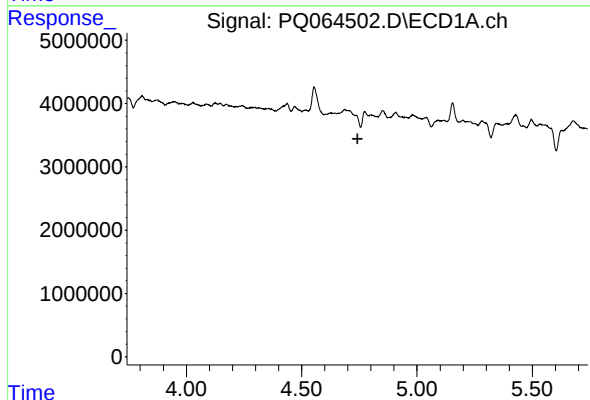
R.T.: 4.645 min
Delta R.T.: -0.004 min
Response: 131662
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



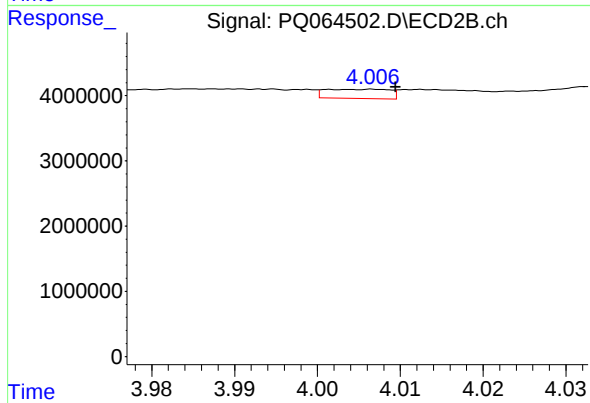
#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 120904
Conc: 1.24 ng/ml



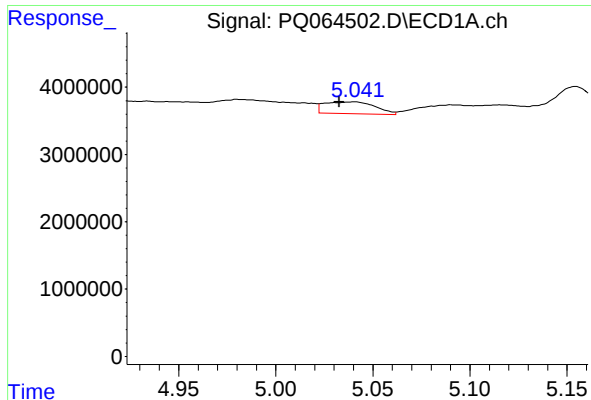
#6 AR-1016-4

R.T.: 4.773 min
Delta R.T.: 0.031 min
Response: -204779
Conc: N.D.



#6 AR-1016-4

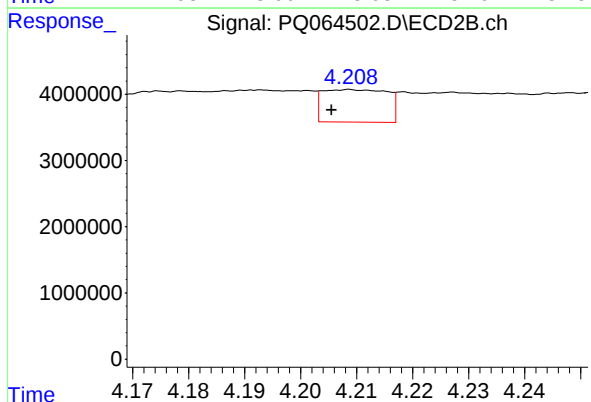
R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 764966
Conc: 9.16 ng/ml



#7 AR-1016-5

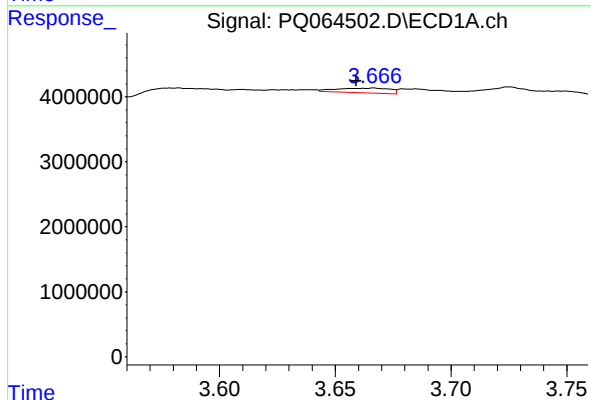
R.T.: 5.040 min
Delta R.T.: 0.008 min
Response: 3143474
Conc: 32.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



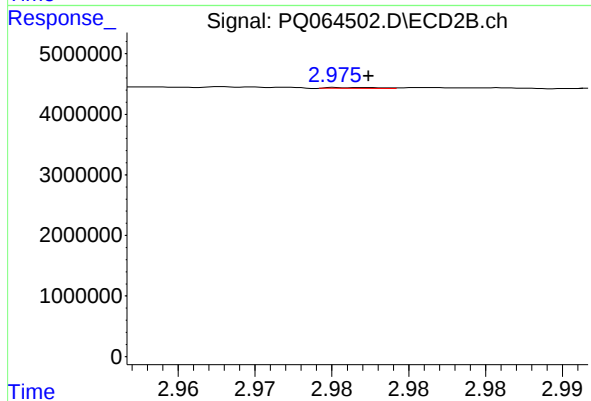
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: 0.003 min
Response: 3932701
Conc: 38.85 ng/ml



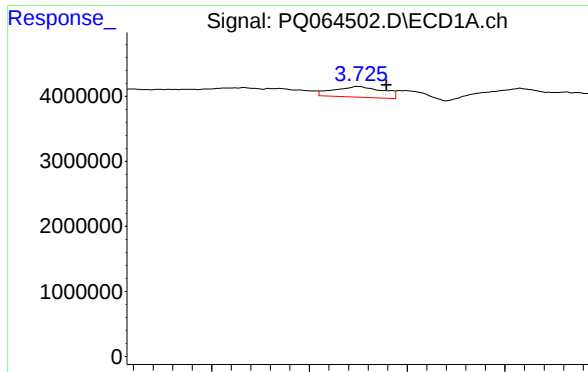
#8 AR-1221-1

R.T.: 3.667 min
Delta R.T.: 0.007 min
Response: 1145975
Conc: 22.57 ng/ml



#8 AR-1221-1

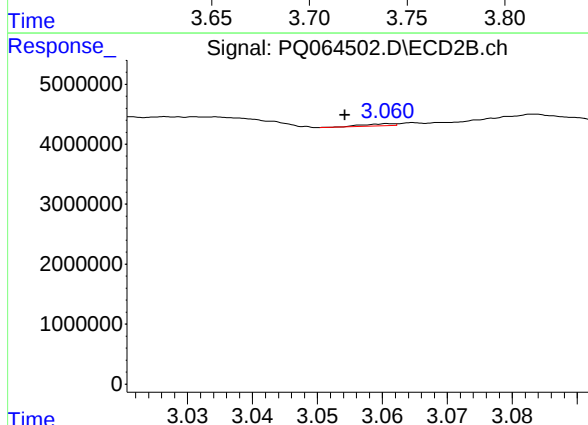
R.T.: 2.977 min
Delta R.T.: 0.000 min
Response: 31369
Conc: 0.55 ng/ml



#9 AR-1221-2

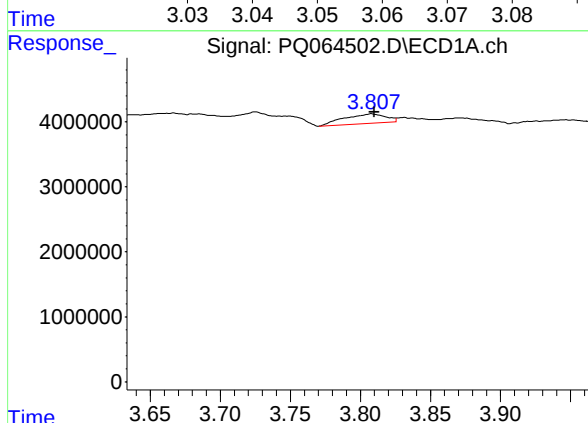
R.T.: 3.725 min
Delta R.T.: -0.014 min
Response: 2868403
Conc: 78.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



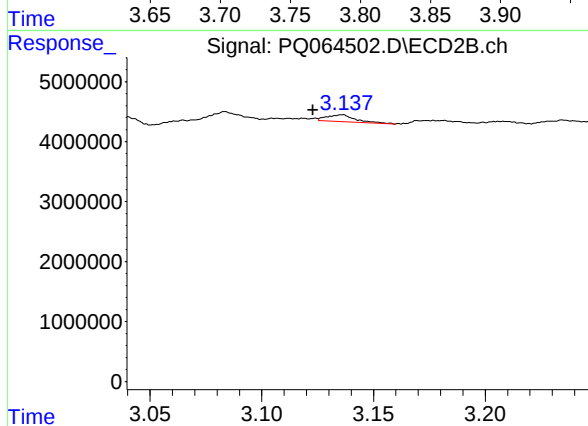
#9 AR-1221-2

R.T.: 3.061 min
Delta R.T.: 0.007 min
Response: 115409
Conc: 2.74 ng/ml



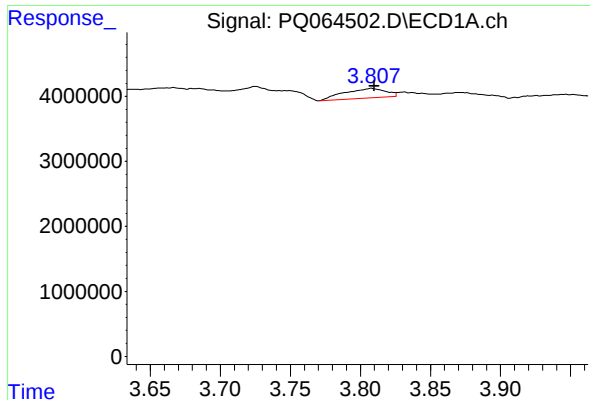
#10 AR-1221-3

R.T.: 3.808 min
Delta R.T.: -0.002 min
Response: 3012431
Conc: 26.64 ng/ml



#10 AR-1221-3

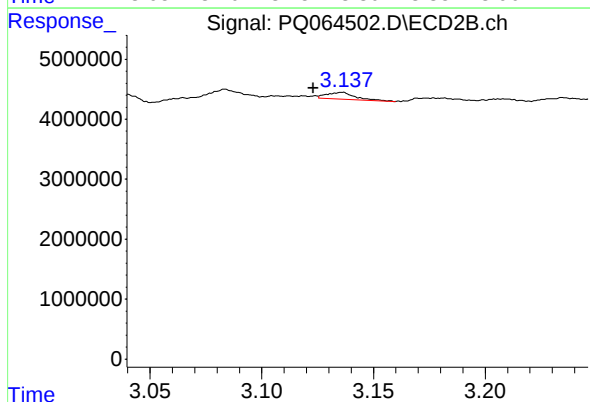
R.T.: 3.136 min
Delta R.T.: 0.014 min
Response: 994643
Conc: 7.81 ng/ml



#11 AR-1232-1

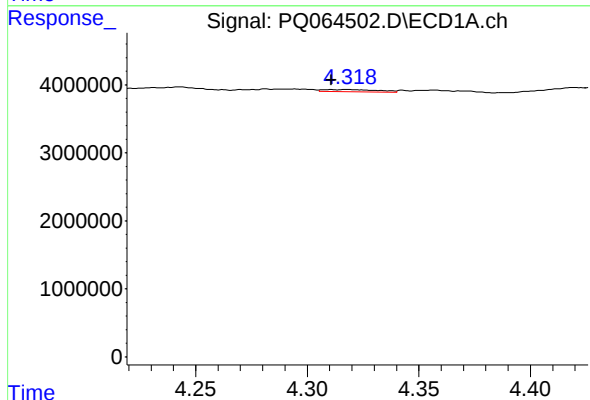
R.T.: 3.808 min
Delta R.T.: -0.002 min
Response: 3012431
Conc: 34.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



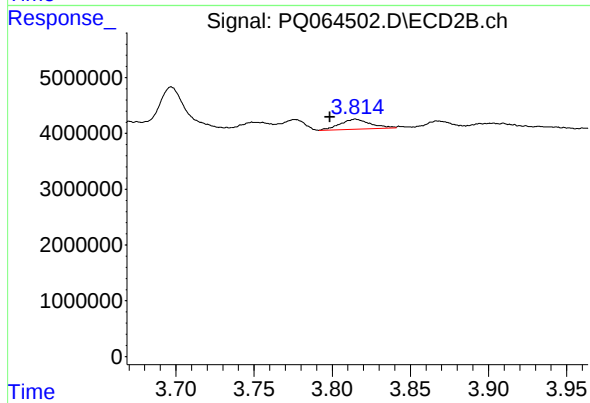
#11 AR-1232-1

R.T.: 3.136 min
Delta R.T.: 0.013 min
Response: 994643
Conc: 10.33 ng/ml



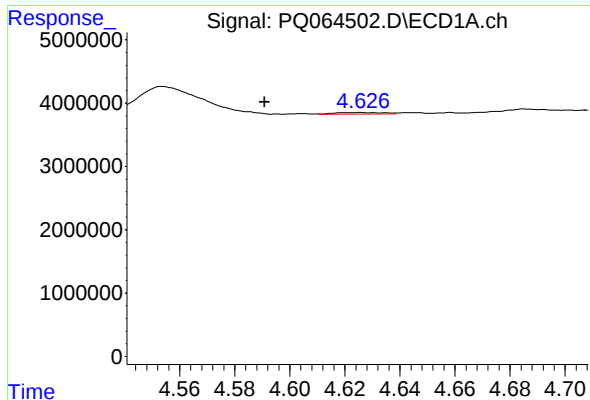
#12 AR-1232-2

R.T.: 4.318 min
Delta R.T.: 0.007 min
Response: 536923
Conc: 11.01 ng/ml



#12 AR-1232-2

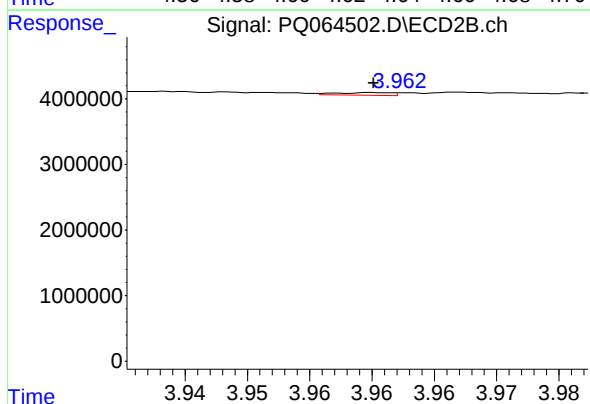
R.T.: 3.815 min
Delta R.T.: 0.016 min
Response: 2412363
Conc: 28.86 ng/ml



#13 AR-1232-3

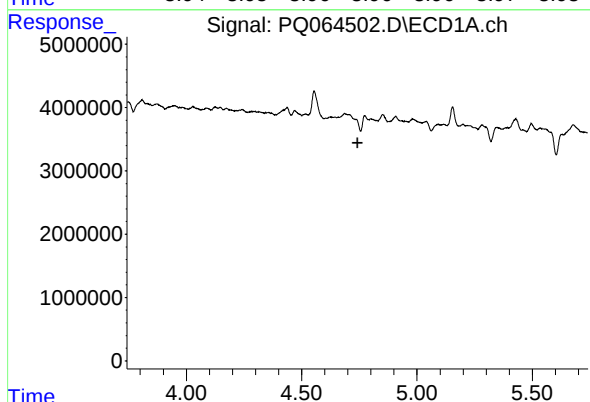
R.T.: 4.626 min
Delta R.T.: 0.035 min
Response: 286510
Conc: 3.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



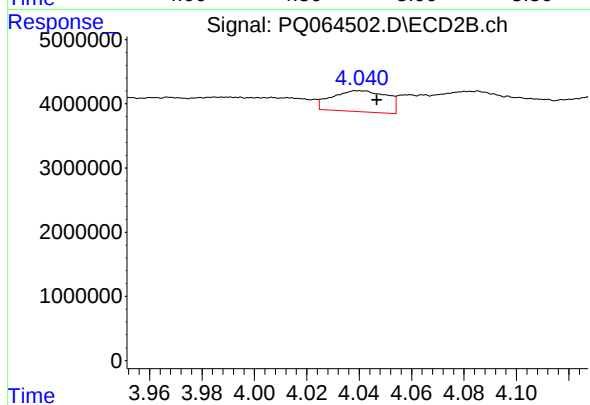
#13 AR-1232-3

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 120904
Conc: 2.72 ng/ml



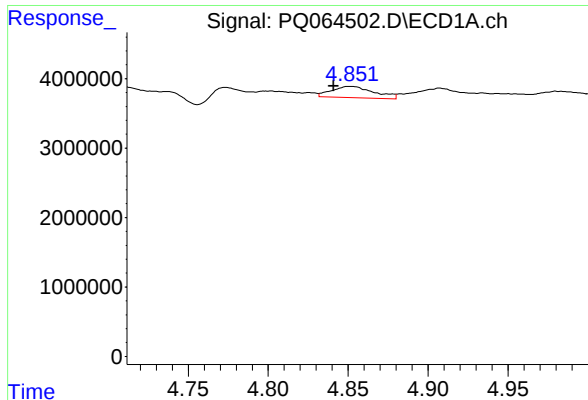
#14 AR-1232-4

R.T.: 4.773 min
Delta R.T.: 0.031 min
Response: -204779
Conc: N.D.



#14 AR-1232-4

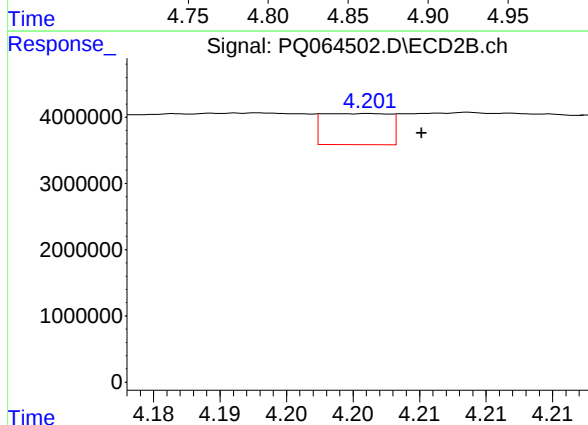
R.T.: 4.039 min
Delta R.T.: -0.008 min
Response: 4718840
Conc: 123.52 ng/ml



#15 AR-1232-5

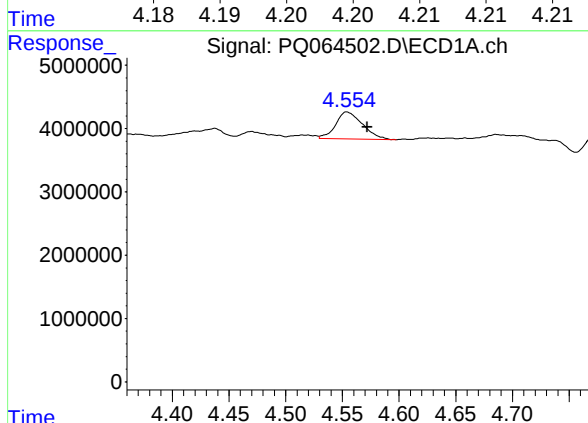
R.T.: 4.851 min
Delta R.T.: 0.010 min
Response: 3021143
Conc: 98.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



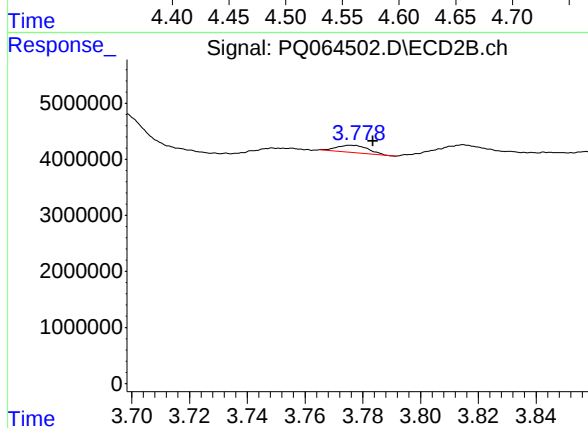
#15 AR-1232-5

R.T.: 4.202 min
Delta R.T.: -0.004 min
Response: 1638671
Conc: 38.50 ng/ml



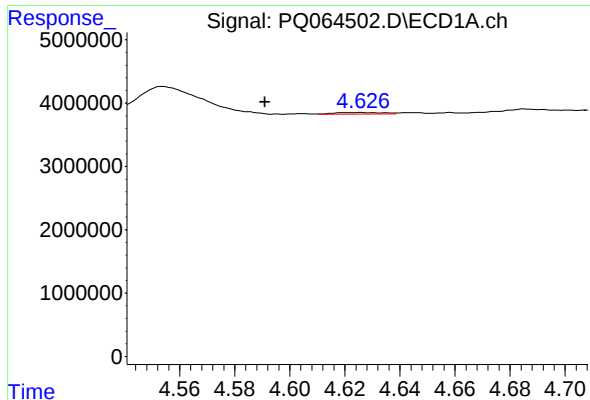
#16 AR-1242-1

R.T.: 4.554 min
Delta R.T.: -0.018 min
Response: 7075926
Conc: 68.27 ng/ml



#16 AR-1242-1

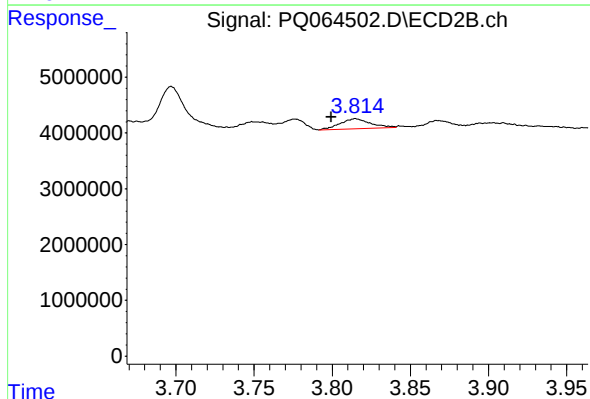
R.T.: 3.776 min
Delta R.T.: -0.008 min
Response: 997742
Conc: 9.62 ng/ml



#17 AR-1242-2

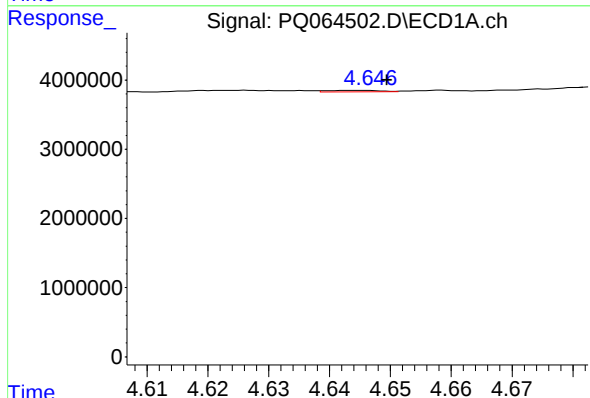
R.T.: 4.626 min
Delta R.T.: 0.035 min
Response: 286510
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



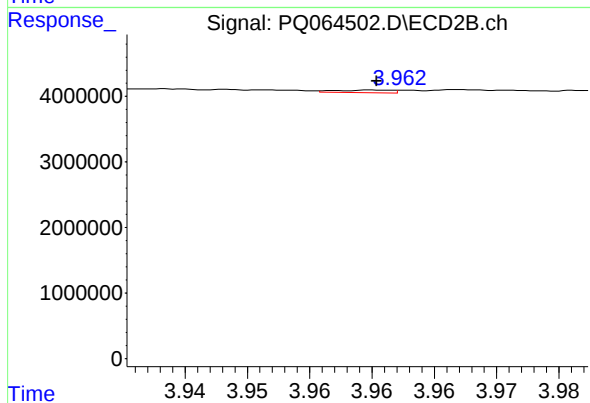
#17 AR-1242-2

R.T.: 3.815 min
Delta R.T.: 0.016 min
Response: 2412363
Conc: 15.61 ng/ml



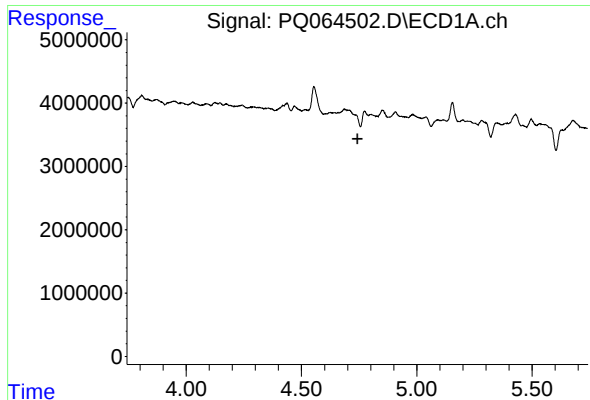
#18 AR-1242-3

R.T.: 4.645 min
Delta R.T.: -0.004 min
Response: 131662
Conc: 1.36 ng/ml



#18 AR-1242-3

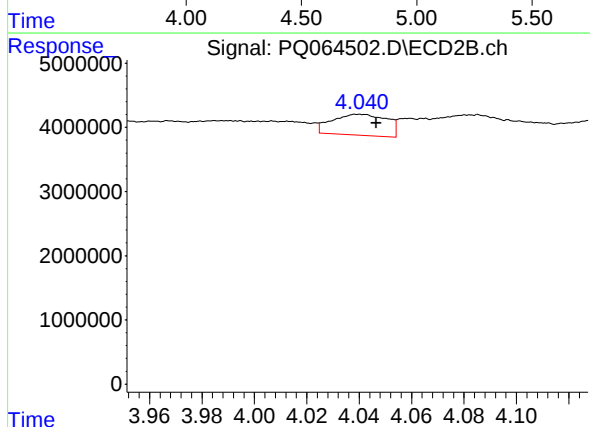
R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 120904
Conc: 1.47 ng/ml



#19 AR-1242-4

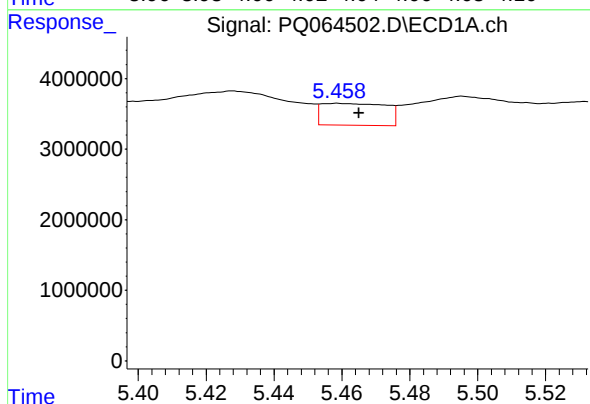
R.T.: 4.773 min
Delta R.T.: 0.031 min
Response: -204779
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



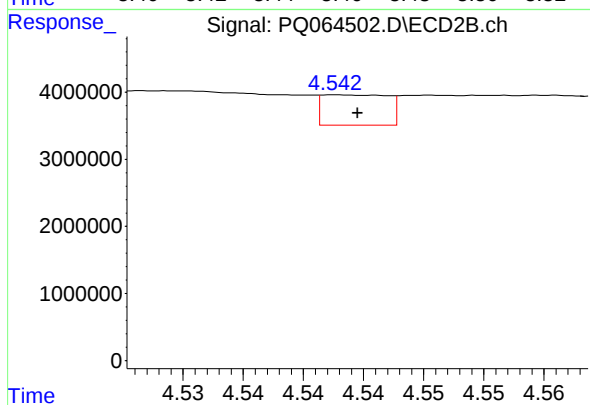
#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: -0.008 min
Response: 4718840
Conc: 60.48 ng/ml



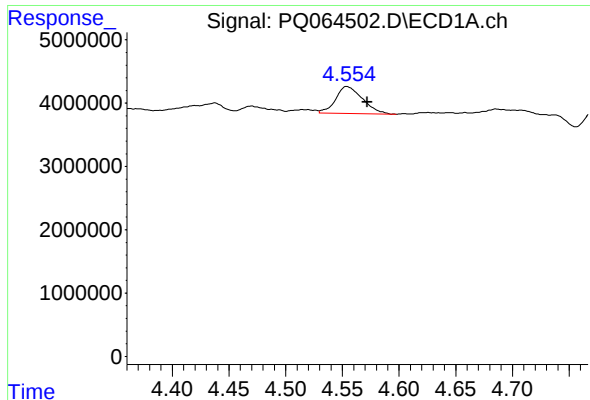
#20 AR-1242-5

R.T.: 5.459 min
Delta R.T.: -0.006 min
Response: 4070314
Conc: 49.03 ng/ml



#20 AR-1242-5

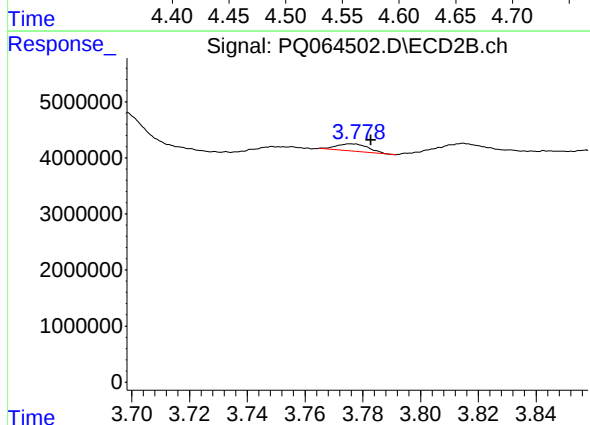
R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 1716350
Conc: 17.80 ng/ml



#21 AR-1248-1

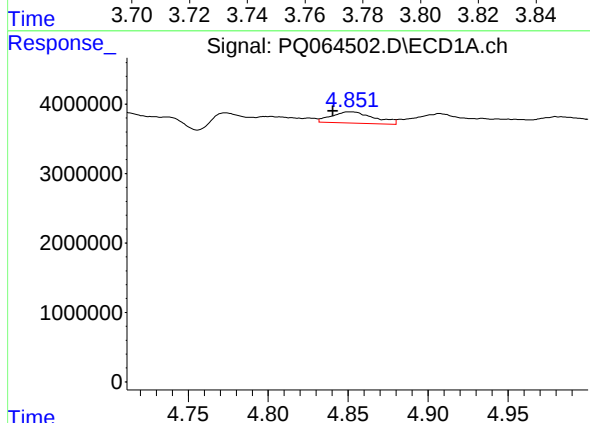
R.T.: 4.554 min
Delta R.T.: -0.018 min
Response: 7075926
Conc: 90.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



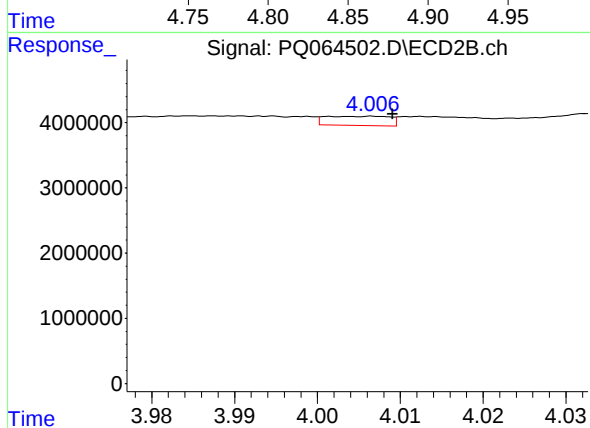
#21 AR-1248-1

R.T.: 3.776 min
Delta R.T.: -0.007 min
Response: 997742
Conc: 12.33 ng/ml



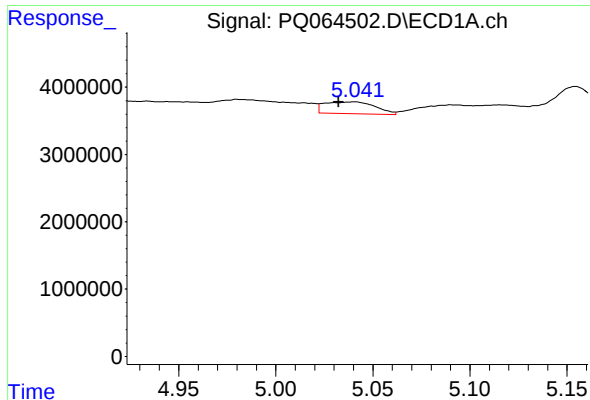
#22 AR-1248-2

R.T.: 4.851 min
Delta R.T.: 0.010 min
Response: 3021143
Conc: 27.07 ng/ml



#22 AR-1248-2

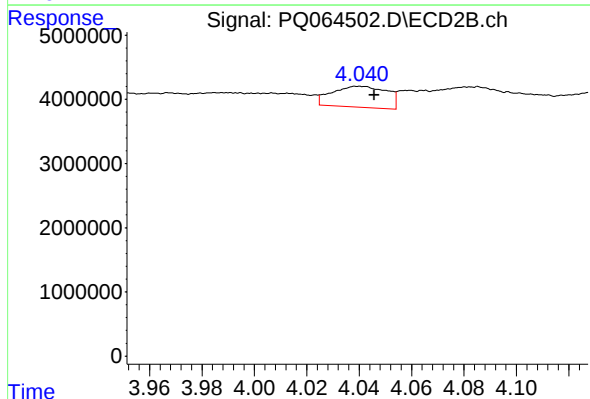
R.T.: 4.007 min
Delta R.T.: -0.002 min
Response: 764966
Conc: 6.24 ng/ml



#23 AR-1248-3

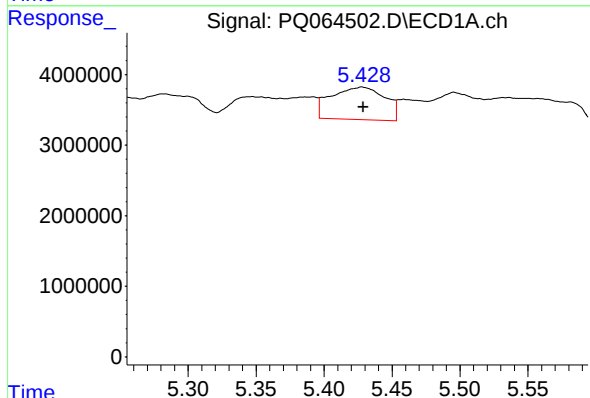
R.T.: 5.040 min
Delta R.T.: 0.008 min
Response: 3143474
Conc: 23.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



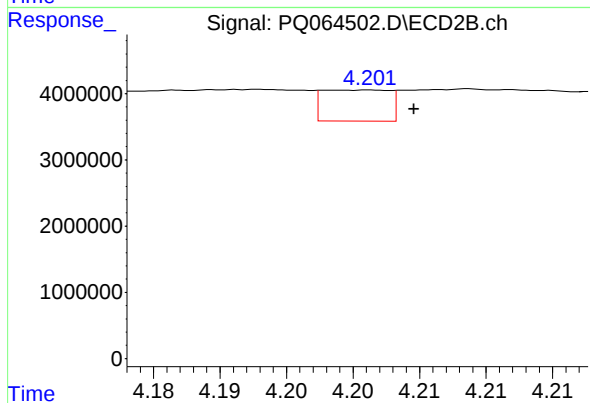
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: -0.007 min
Response: 4718840
Conc: 40.44 ng/ml



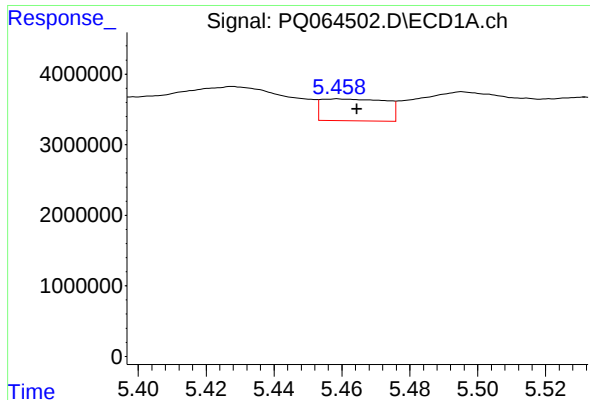
#24 AR-1248-4

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 12652733
Conc: 88.40 ng/ml



#24 AR-1248-4

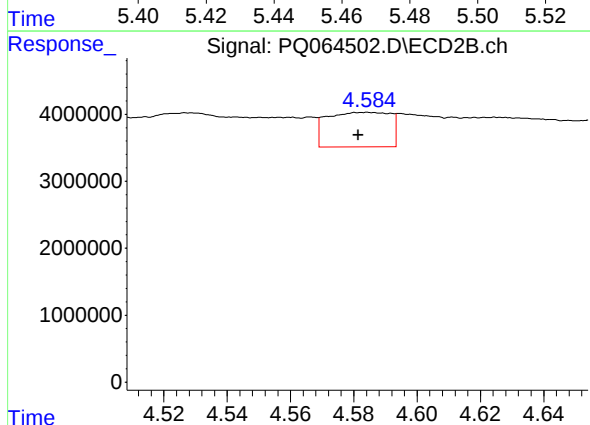
R.T.: 4.202 min
Delta R.T.: -0.003 min
Response: 1638671
Conc: 11.69 ng/ml



#25 AR-1248-5

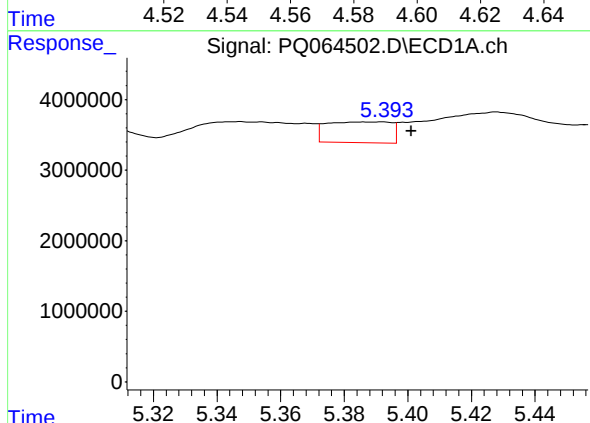
R.T.: 5.459 min
Delta R.T.: -0.005 min
Response: 4070314
Conc: 29.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



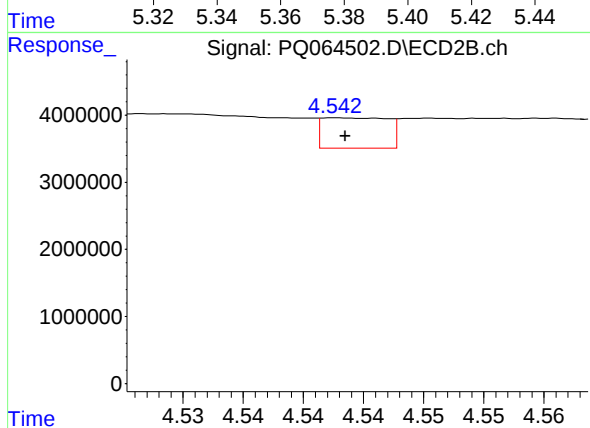
#25 AR-1248-5

R.T.: 4.580 min
Delta R.T.: -0.001 min
Response: 7150557
Conc: 53.74 ng/ml



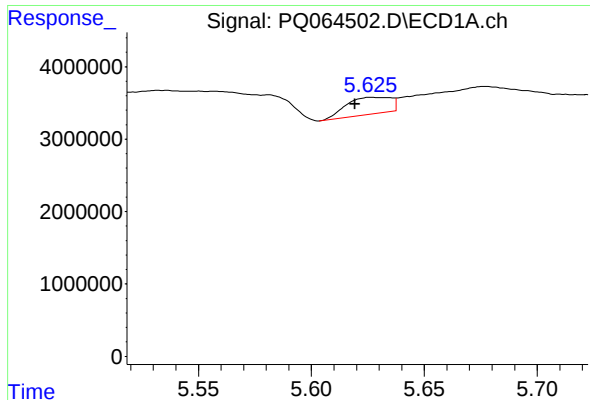
#26 AR-1254-1

R.T.: 5.392 min
Delta R.T.: -0.009 min
Response: 4167187
Conc: 27.21 ng/ml



#26 AR-1254-1

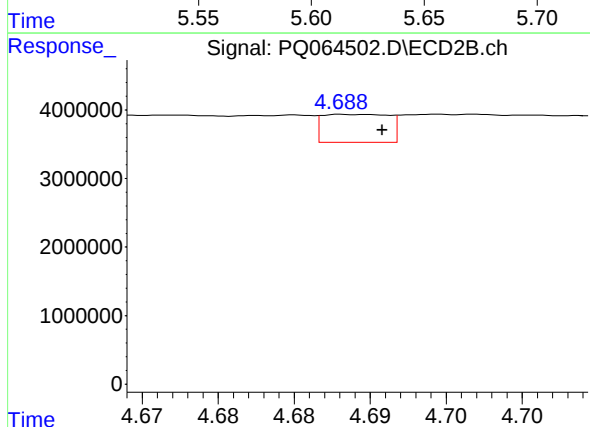
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 1716350
Conc: 8.20 ng/ml



#27 AR-1254-2

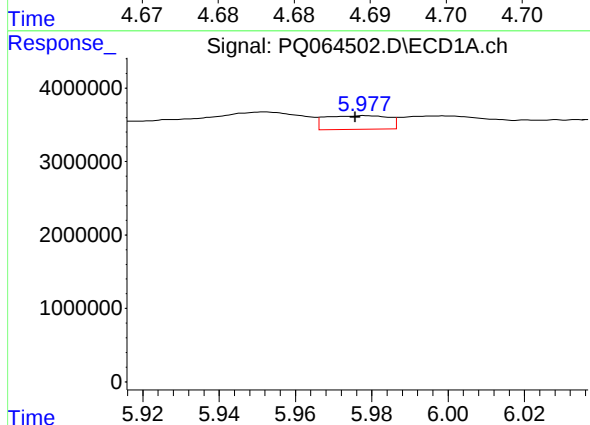
R.T.: 5.627 min
Delta R.T.: 0.007 min
Response: 3197307
Conc: 13.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



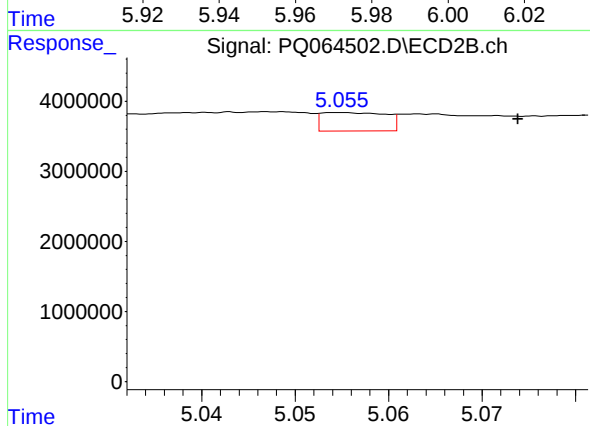
#27 AR-1254-2

R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 1230033
Conc: 6.65 ng/ml



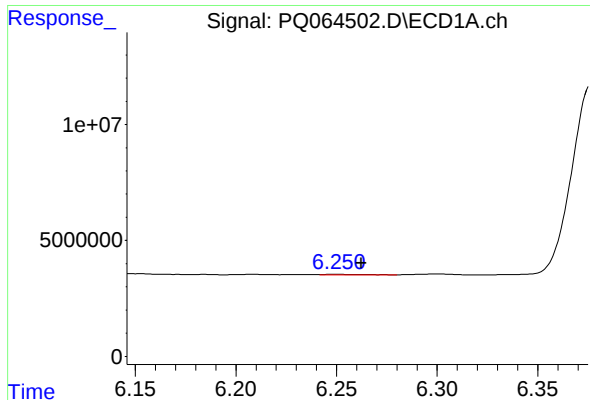
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: 0.003 min
Response: 2138246
Conc: 8.70 ng/ml



#28 AR-1254-3

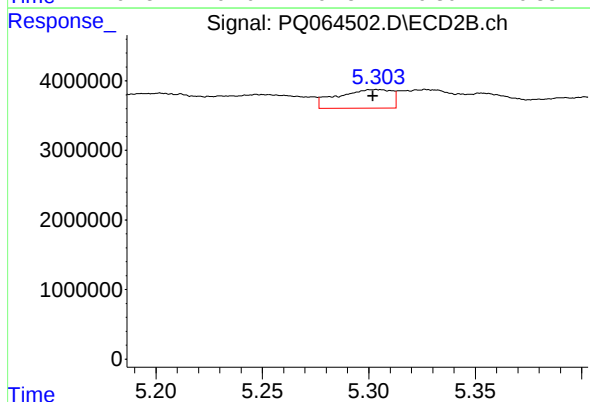
R.T.: 5.055 min
Delta R.T.: -0.019 min
Response: 1261920
Conc: 4.46 ng/ml



#29 AR-1254-4

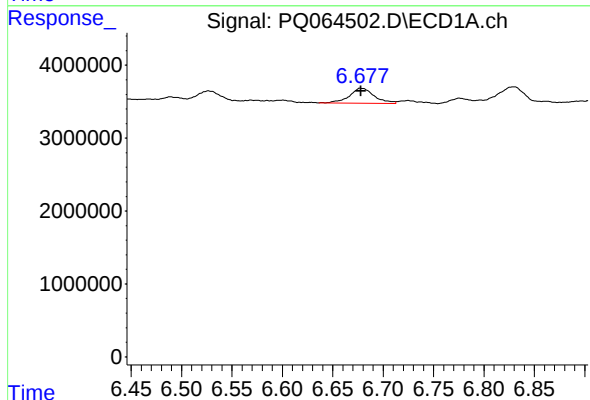
R.T.: 6.250 min
Delta R.T.: -0.012 min
Response: 260439
Conc: 1.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



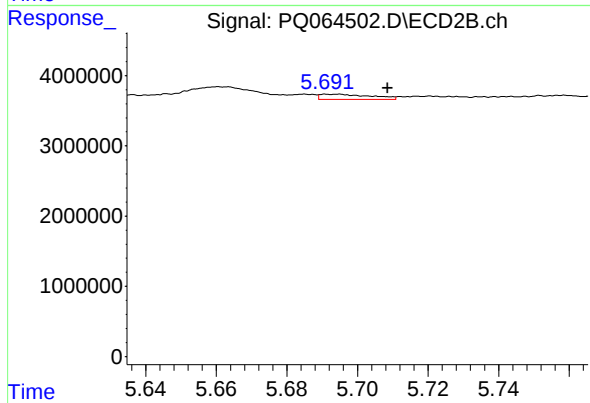
#29 AR-1254-4

R.T.: 5.303 min
Delta R.T.: 0.001 min
Response: 4717107
Conc: 25.41 ng/ml



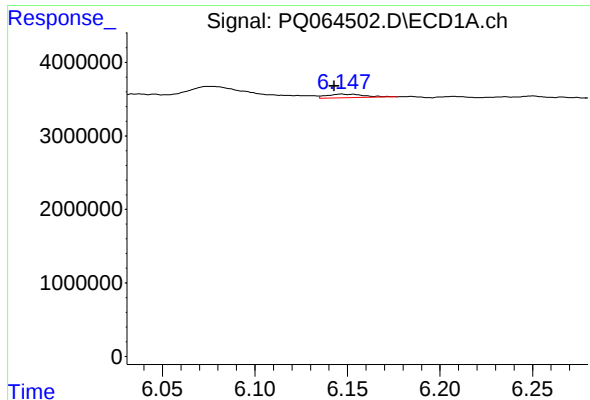
#30 AR-1254-5

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3522228
Conc: 18.25 ng/ml



#30 AR-1254-5

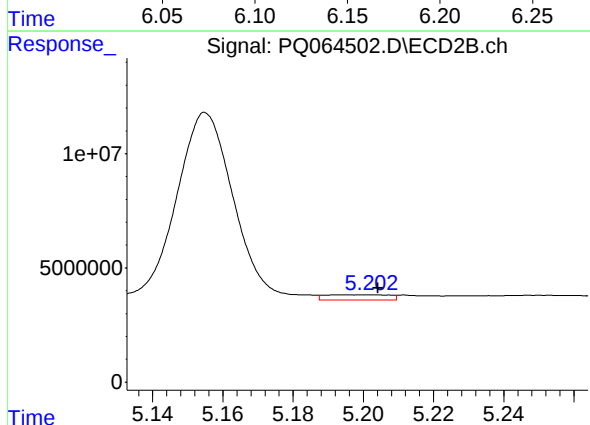
R.T.: 5.695 min
Delta R.T.: -0.014 min
Response: 749404
Conc: 2.89 ng/ml



#31 AR-1260-1

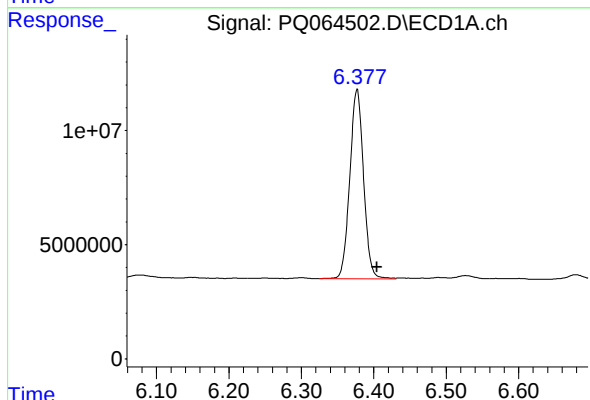
R.T.: 6.147 min
Delta R.T.: 0.004 min
Response: 695124
Conc: 3.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



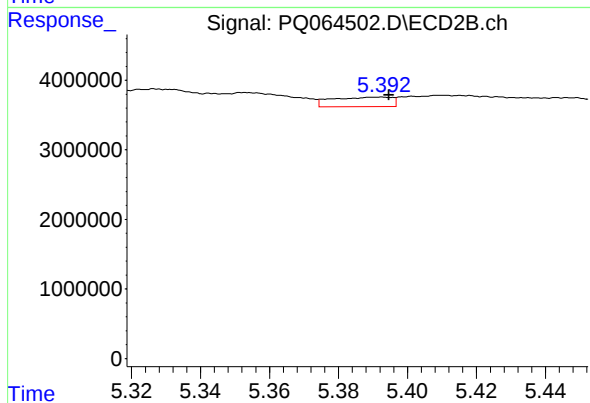
#31 AR-1260-1

R.T.: 5.202 min
Delta R.T.: -0.002 min
Response: 2891258
Conc: 14.95 ng/ml



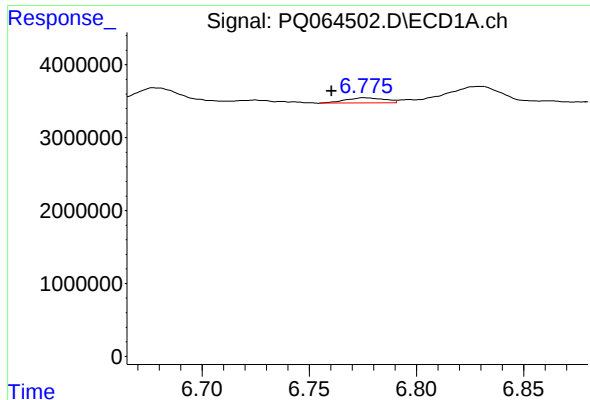
#32 AR-1260-2

R.T.: 6.377 min
Delta R.T.: -0.027 min
Response: 109457007
Conc: 504.88 ng/ml



#32 AR-1260-2

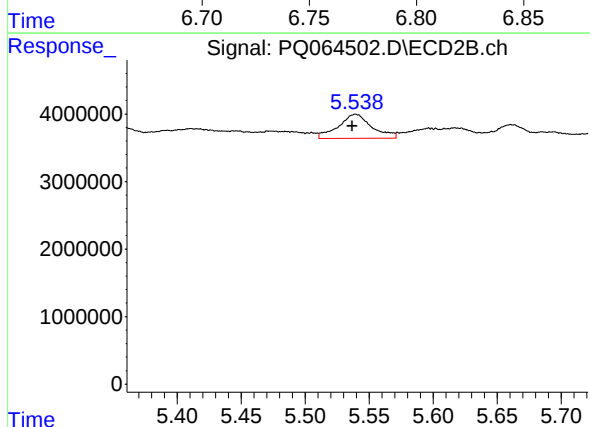
R.T.: 5.392 min
Delta R.T.: -0.002 min
Response: 1658273
Conc: 7.13 ng/ml



#33 AR-1260-3

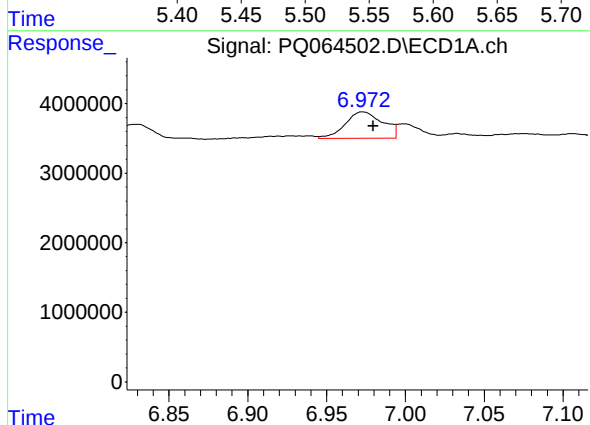
R.T.: 6.776 min
Delta R.T.: 0.016 min
Response: 898980
Conc: 5.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



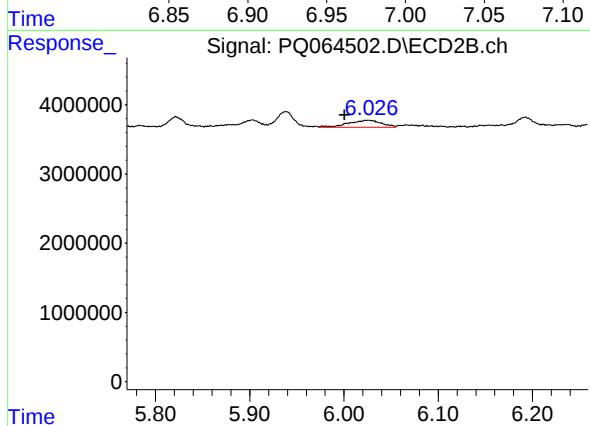
#33 AR-1260-3

R.T.: 5.539 min
Delta R.T.: 0.002 min
Response: 6481338
Conc: 29.82 ng/ml



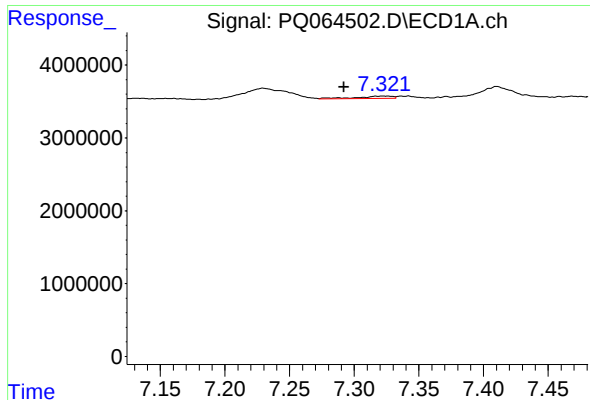
#34 AR-1260-4

R.T.: 6.973 min
Delta R.T.: -0.007 min
Response: 6245440
Conc: 36.41 ng/ml



#34 AR-1260-4

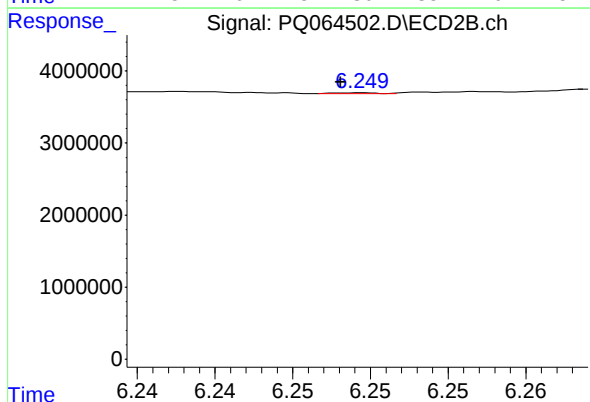
R.T.: 6.026 min
Delta R.T.: 0.026 min
Response: 2440935
Conc: 13.25 ng/ml



#35 AR-1260-5

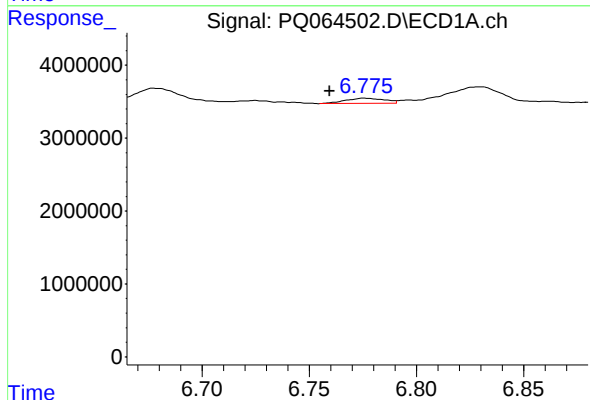
R.T.: 7.322 min
Delta R.T.: 0.030 min
Response: 622725
Conc: 1.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



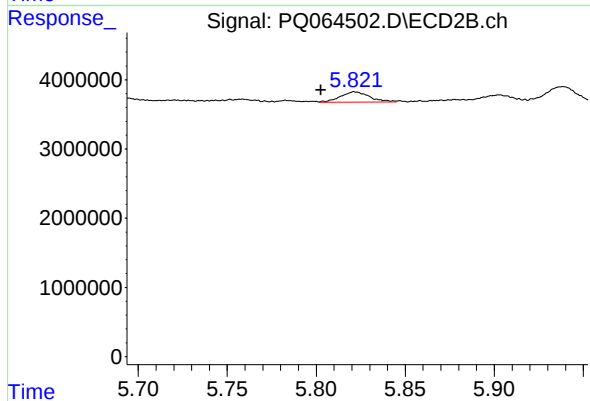
#35 AR-1260-5

R.T.: 6.249 min
Delta R.T.: 0.001 min
Response: 25410
Conc: 0.06 ng/ml



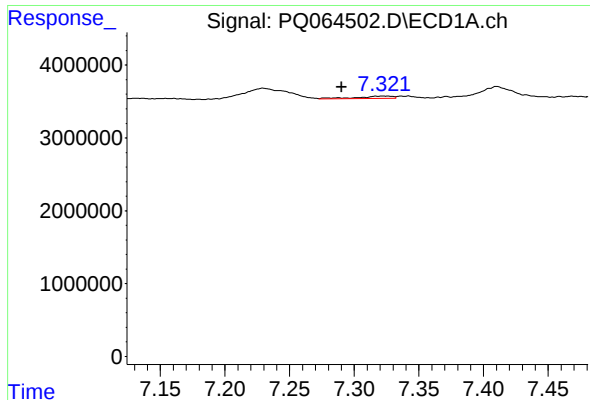
#36 AR-1262-1

R.T.: 6.776 min
Delta R.T.: 0.016 min
Response: 898980
Conc: 3.65 ng/ml



#36 AR-1262-1

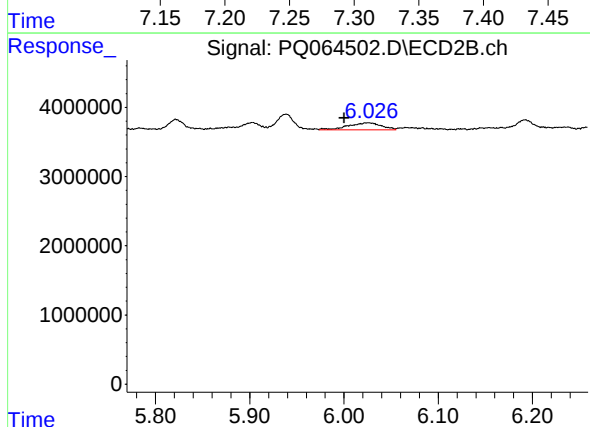
R.T.: 5.821 min
Delta R.T.: 0.019 min
Response: 1714796
Conc: 15.05 ng/ml



#37 AR-1262-2

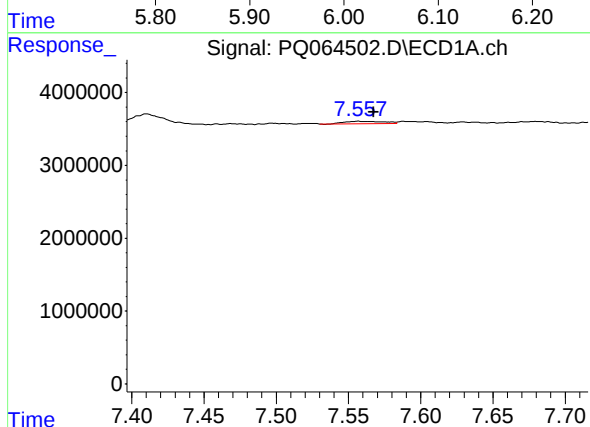
R.T.: 7.322 min
Delta R.T.: 0.032 min
Response: 622725
Conc: 1.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



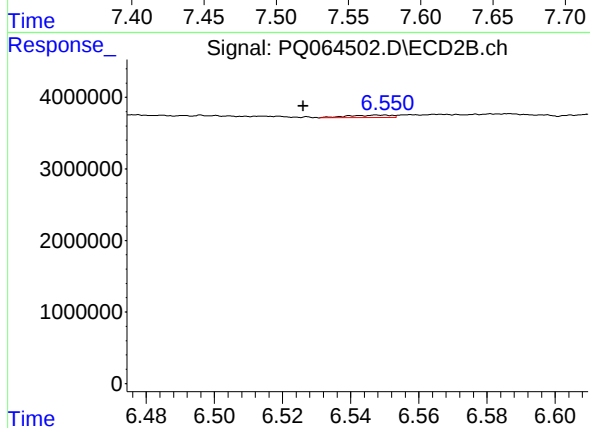
#37 AR-1262-2

R.T.: 6.026 min
Delta R.T.: 0.026 min
Response: 2440935
Conc: 9.58 ng/ml



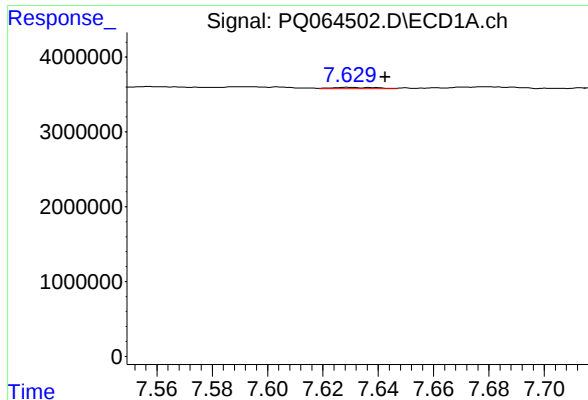
#38 AR-1262-3

R.T.: 7.557 min
Delta R.T.: -0.010 min
Response: 637344
Conc: 2.36 ng/ml



#38 AR-1262-3

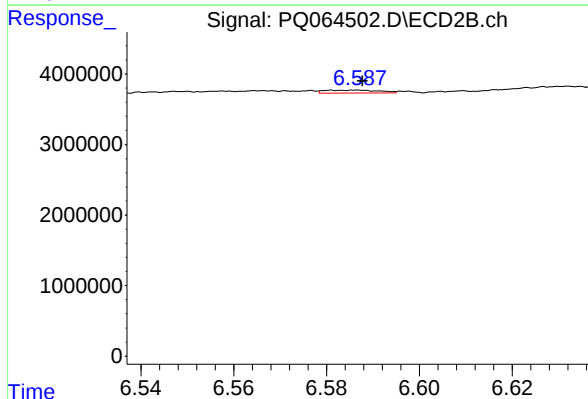
R.T.: 6.548 min
Delta R.T.: 0.021 min
Response: 283046
Conc: 1.26 ng/ml



#39 AR-1262-4

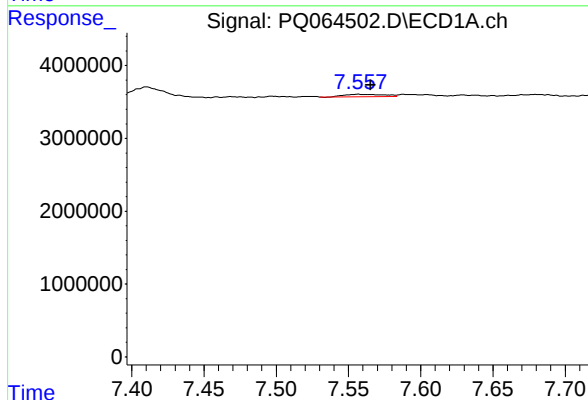
R.T.: 7.629 min
Delta R.T.: -0.013 min
Response: 193066
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



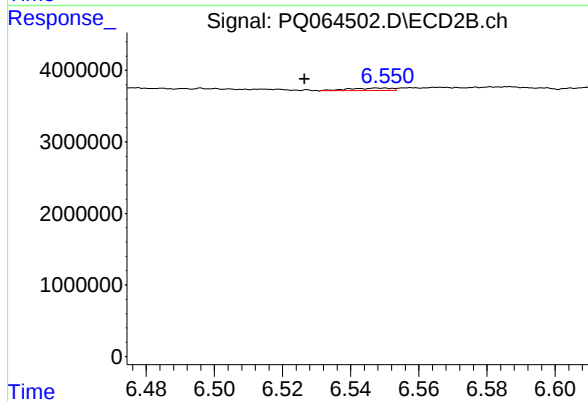
#39 AR-1262-4

R.T.: 6.587 min
Delta R.T.: -0.001 min
Response: 330951
Conc: 0.76 ng/ml



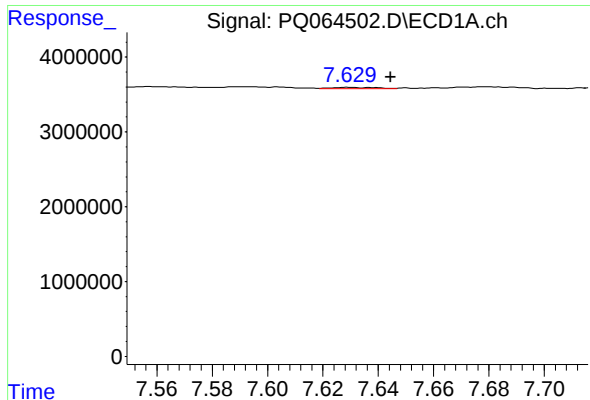
#41 AR-1268-1

R.T.: 7.557 min
Delta R.T.: -0.008 min
Response: 637344
Conc: 1.33 ng/ml



#41 AR-1268-1

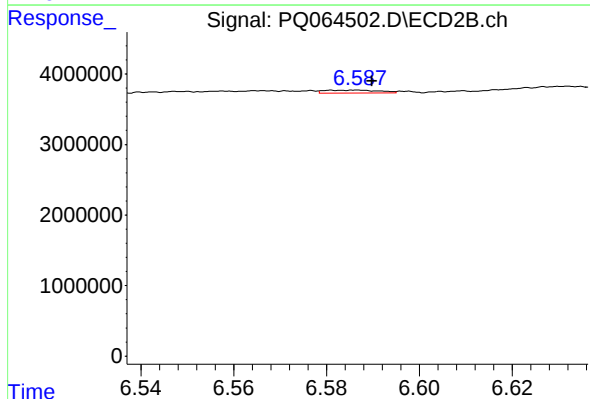
R.T.: 6.548 min
Delta R.T.: 0.021 min
Response: 283046
Conc: 0.43 ng/ml



#42 AR-1268-2

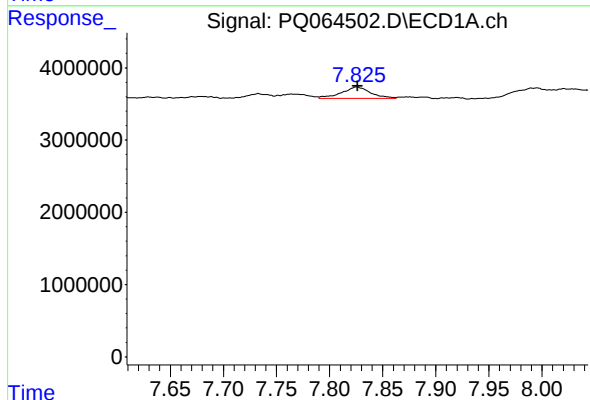
R.T.: 7.629 min
Delta R.T.: -0.015 min
Response: 193066
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



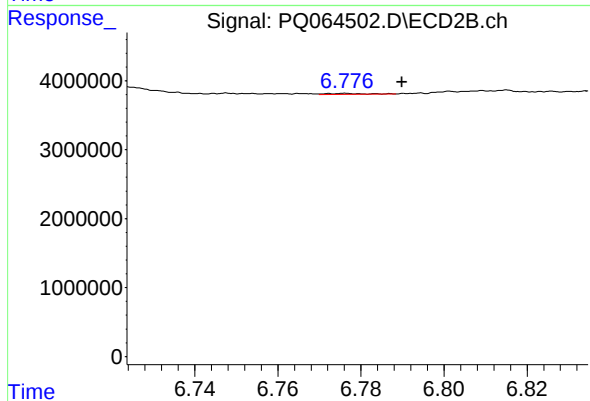
#42 AR-1268-2

R.T.: 6.587 min
Delta R.T.: -0.003 min
Response: 330951
Conc: 0.53 ng/ml



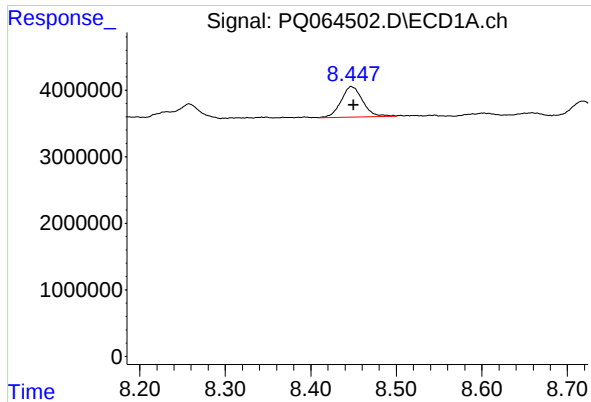
#43 AR-1268-3

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 3025380
Conc: 8.01 ng/ml



#43 AR-1268-3

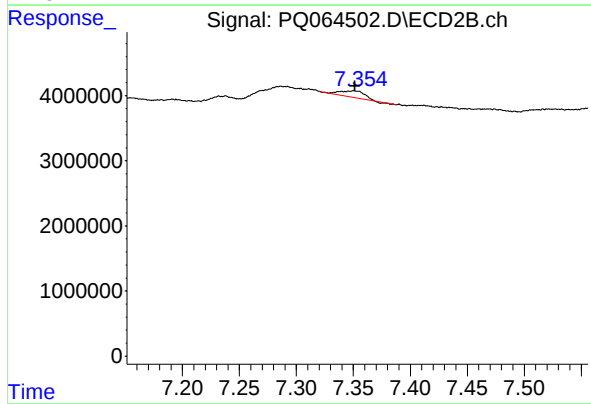
R.T.: 6.776 min
Delta R.T.: -0.014 min
Response: 85188
Conc: 0.13 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.003 min
Response: 7961928
Conc: 7.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.350 min
Delta R.T.: -0.001 min
Response: 1472862
Conc: 0.78 ng/ml