

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092723\
 Data File : PQ063421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 17:42
 Operator : YP\AJ
 Sample : 04620-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 01:24:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.462	2.781	89995143	62600480	19.215	18.114
2) SA Decachlor...	8.697	7.581	86032631	73121979	24.619	20.341
Target Compounds						
3) L1 AR-1016-1	4.586	3.803	437244	109955	3.007	0.883 #
4) L1 AR-1016-2	4.586	3.803	437244	109955	1.871	0.619 #
5) L1 AR-1016-3	4.667	3.948	347773	459980	2.420	4.767 #
6) L1 AR-1016-4	4.765	4.021	2177086	504451	19.086	6.223 #
7) L1 AR-1016-5	5.035	4.229	760299	269252	6.470	2.675 #
8) L2 AR-1221-1	3.680	2.991	845774	59273	14.783	1.274 #
9) L2 AR-1221-2	3.744	3.052	1124536	783006	29.746	25.320
10) L2 AR-1221-3	3.821	3.137	195549	187566	1.549	1.760
11) L3 AR-1232-1	3.821	3.137	195549	187566	1.878	2.157
12) L3 AR-1232-2	4.326	3.803	3638472	109955	57.202	1.360 #
13) L3 AR-1232-3	4.586	3.948	437244	459980	4.172	10.844 #
14) L3 AR-1232-4	4.765	4.050	2177086	407850	43.810	11.123 #
15) L3 AR-1232-5	4.882f	4.229	935024	269252	24.618	6.242 #
16) L4 AR-1242-1	4.586	3.803	437244	109955	3.316	1.008 #
17) L4 AR-1242-2	4.586	3.803	437244	109955	2.113	0.707 #
18) L4 AR-1242-3	4.667	3.948	347773	459980	2.743	5.484 #
19) L4 AR-1242-4	4.765	4.050	2177086	407850	21.108	5.090 #
20) L4 AR-1242-5	5.453	4.527f	2704169	2675858	24.727	25.569
21) L5 AR-1248-1	4.586	3.803	437244	109955	4.449	1.370 #
22) L5 AR-1248-2	4.882f	4.021	935024	504451	6.538	4.213 #
23) L5 AR-1248-3	5.035	4.050	760299	407850	4.420	3.557
24) L5 AR-1248-4	5.453	4.229	2704169	269252	14.144	1.910 #
25) L5 AR-1248-5	5.453	4.591	2704169	2804170	14.536	20.293 #
26) L6 AR-1254-1	5.407	4.527f	1293810	2675858	6.433	12.691 #
27) L6 AR-1254-2	5.611	4.701	2346698	3191848	7.697	17.246 #
28) L6 AR-1254-3	5.986	5.084	1125009	2464901	3.429	8.615 #
29) L6 AR-1254-4	6.262	5.308	319126	1484614	1.318	8.019 #
30) L6 AR-1254-5	6.686	5.713	804846	3176548	3.134	12.295 #
31) L7 AR-1260-1	6.160	5.215	4682494	1842048	19.467	9.123 #
32) L7 AR-1260-2	6.407	5.403	4281136	1650380	15.110	6.745 #
33) L7 AR-1260-3	6.769	5.554	6511098	3172023	32.030	13.414 #
34) L7 AR-1260-4	6.965	6.050f	3901617	4782189	16.367	25.048 #
35) L7 AR-1260-5	7.327f	6.237	17742504	2079905	39.631	4.749 #
36) L8 AR-1262-1	6.769	5.832	6511098	1178572	20.913	11.203 #
37) L8 AR-1262-2	7.327f	6.050f	17742504	4782189	34.174	20.597 #
38) L8 AR-1262-3	7.575	6.538	1739870	6019762	5.026	31.340 #
39) L8 AR-1262-4	7.656	6.605	1921799	1190368	7.059	3.404 #
41) L9 AR-1268-1	7.575	6.538	1739870	6019762	2.817	10.736 #
42) L9 AR-1268-2	7.656	6.605	1921799	1190368	3.357	2.393 #

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 Quant Time: Sep 28 01:24:21 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

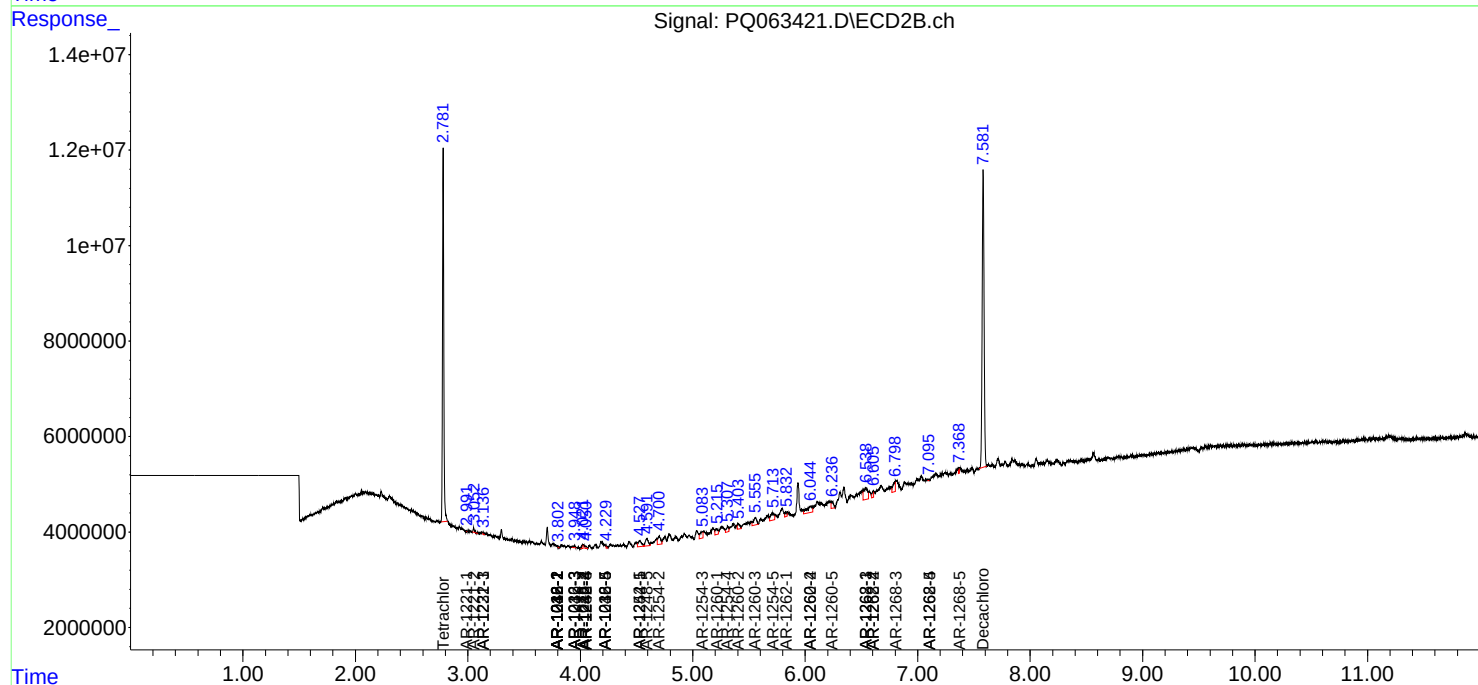
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

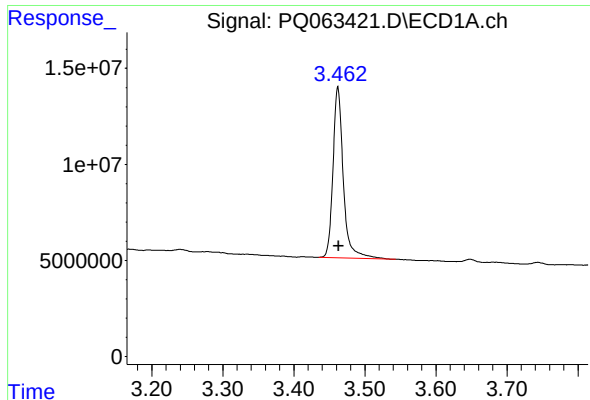
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	7.827	6.798	2597620	2944384	5.327	6.907 #
45) L9	AR-1268-5	8.450	7.368	2658726	518441	1.862	0.394 #

(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

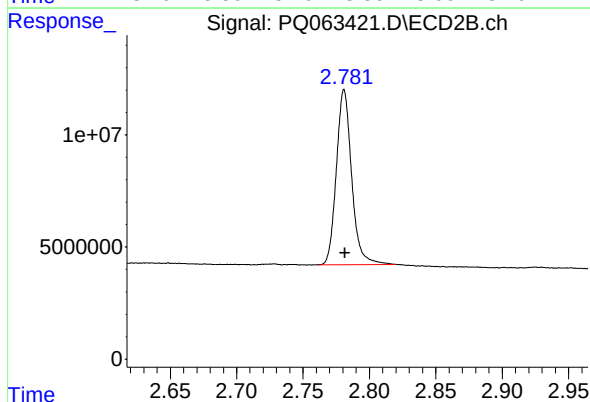




#1 Tetrachloro-m-xylene

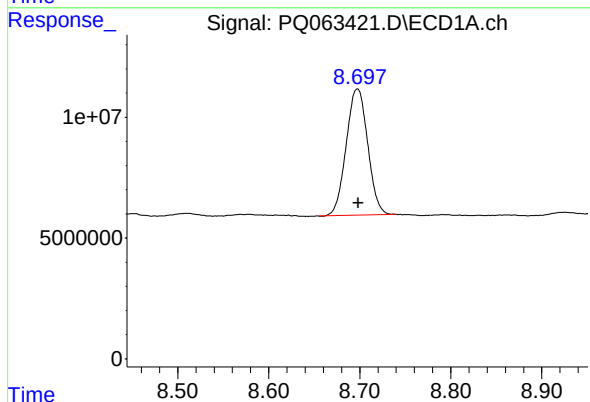
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 89995143
Conc: 19.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



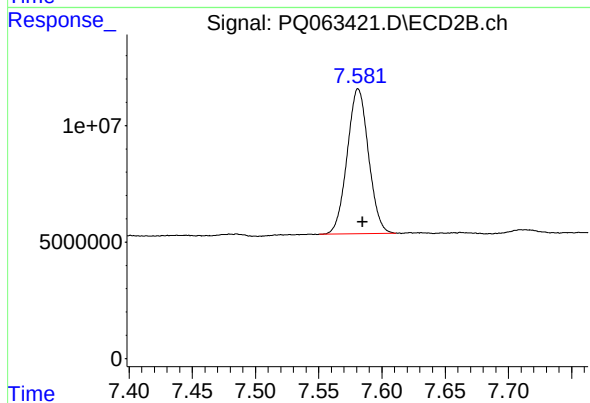
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 62600480
Conc: 18.11 ng/ml



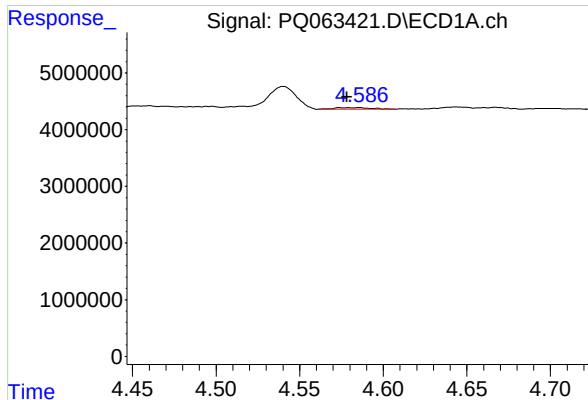
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.001 min
Response: 86032631
Conc: 24.62 ng/ml



#2 Decachlorobiphenyl

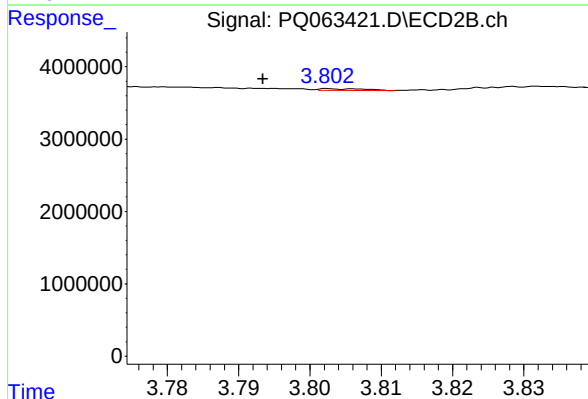
R.T.: 7.581 min
Delta R.T.: -0.003 min
Response: 73121979
Conc: 20.34 ng/ml



#3 AR-1016-1

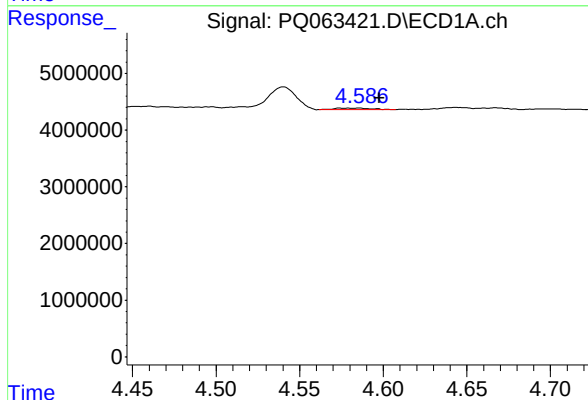
R.T.: 4.586 min
Delta R.T.: 0.007 min
Response: 437244
Conc: 3.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



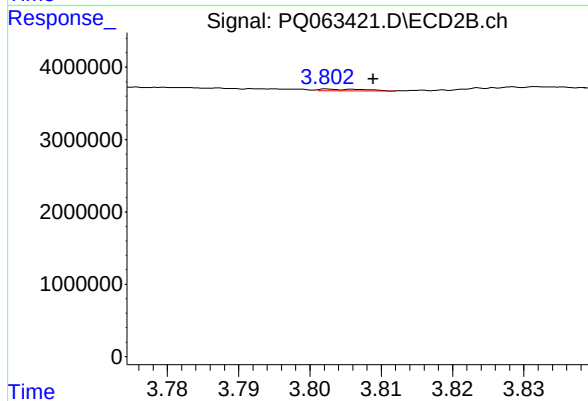
#3 AR-1016-1

R.T.: 3.803 min
Delta R.T.: 0.009 min
Response: 109955
Conc: 0.88 ng/ml



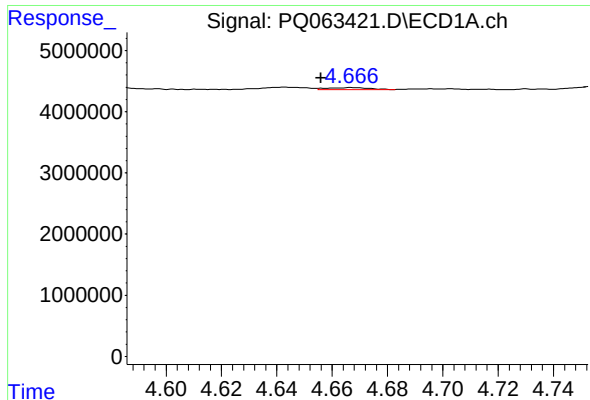
#4 AR-1016-2

R.T.: 4.586 min
Delta R.T.: -0.012 min
Response: 437244
Conc: 1.87 ng/ml



#4 AR-1016-2

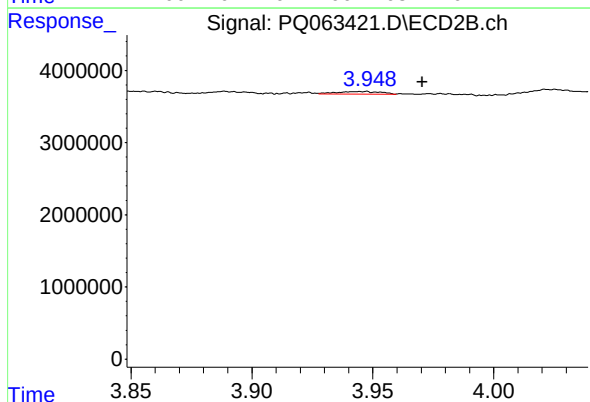
R.T.: 3.803 min
Delta R.T.: -0.006 min
Response: 109955
Conc: 0.62 ng/ml



#5 AR-1016-3

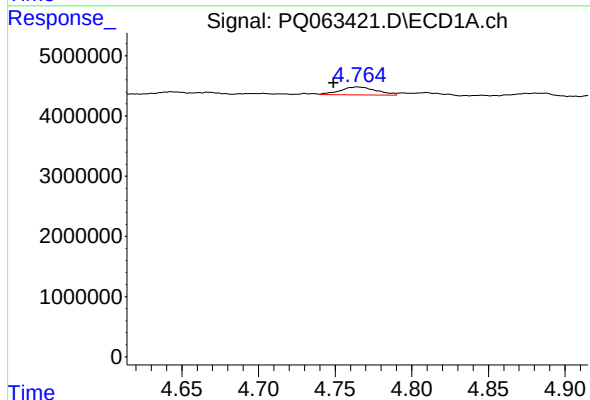
R.T.: 4.667 min
Delta R.T.: 0.011 min
Response: 347773
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



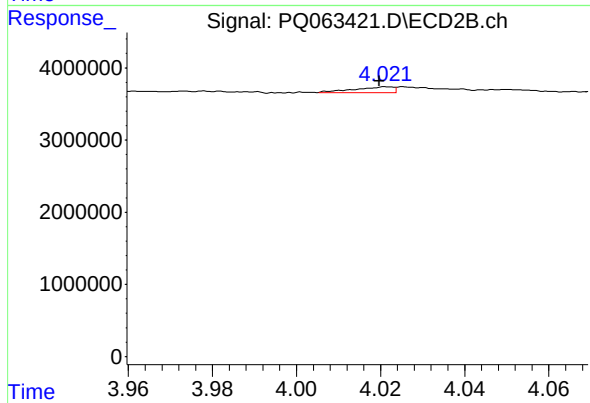
#5 AR-1016-3

R.T.: 3.948 min
Delta R.T.: -0.023 min
Response: 459980
Conc: 4.77 ng/ml



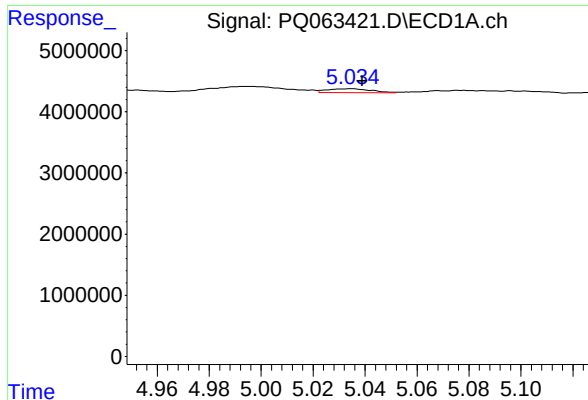
#6 AR-1016-4

R.T.: 4.765 min
Delta R.T.: 0.016 min
Response: 2177086
Conc: 19.09 ng/ml



#6 AR-1016-4

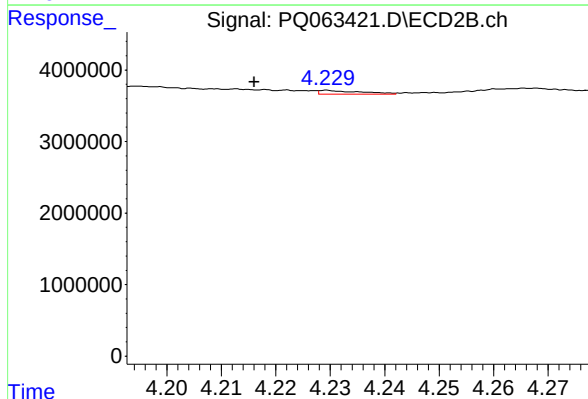
R.T.: 4.021 min
Delta R.T.: 0.002 min
Response: 504451
Conc: 6.22 ng/ml



#7 AR-1016-5

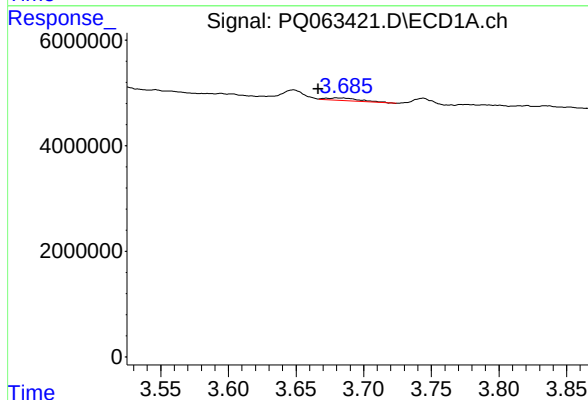
R.T.: 5.035 min
Delta R.T.: -0.004 min
Response: 760299
Conc: 6.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



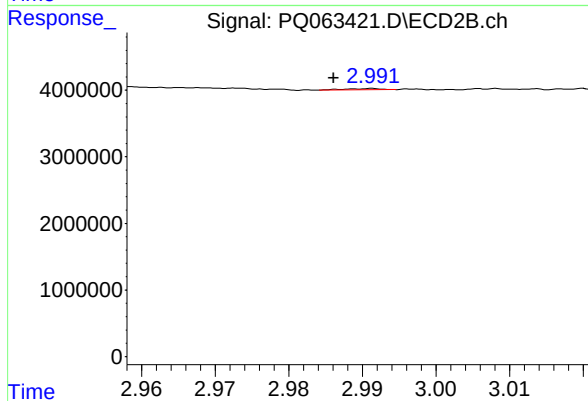
#7 AR-1016-5

R.T.: 4.229 min
Delta R.T.: 0.013 min
Response: 269252
Conc: 2.67 ng/ml



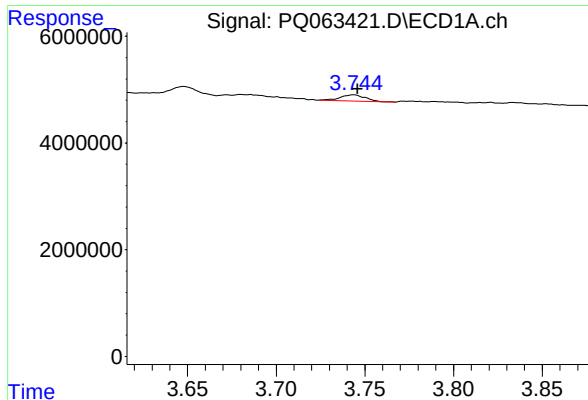
#8 AR-1221-1

R.T.: 3.680 min
Delta R.T.: 0.013 min
Response: 845774
Conc: 14.78 ng/ml



#8 AR-1221-1

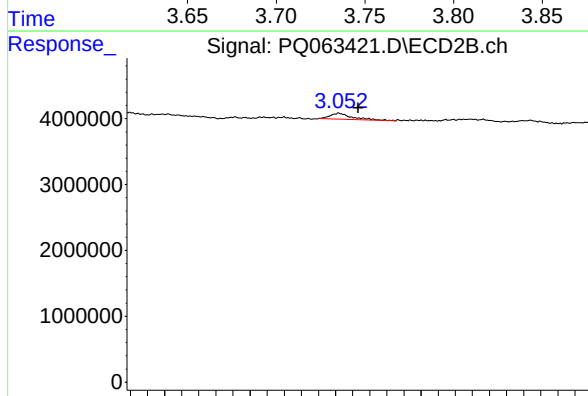
R.T.: 2.991 min
Delta R.T.: 0.005 min
Response: 59273
Conc: 1.27 ng/ml



#9 AR-1221-2

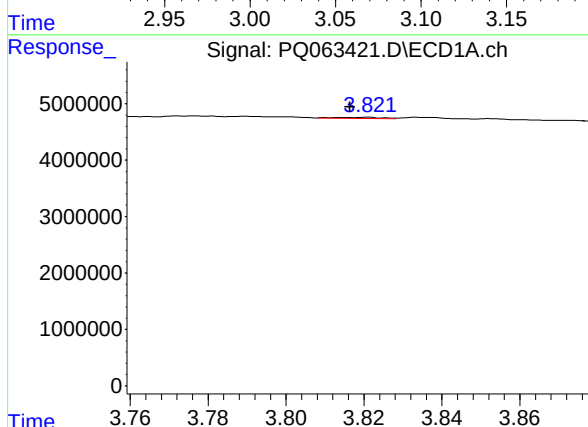
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1124536
Conc: 29.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



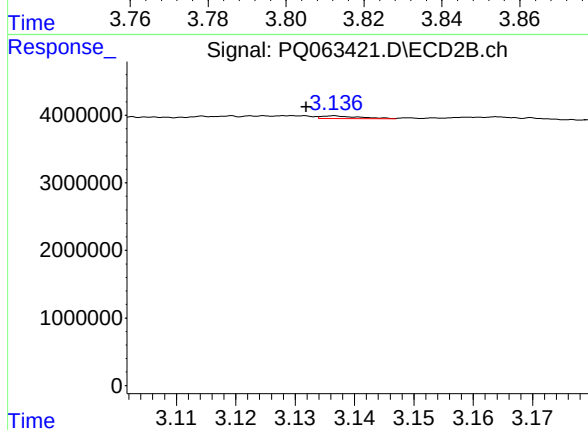
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 783006
Conc: 25.32 ng/ml



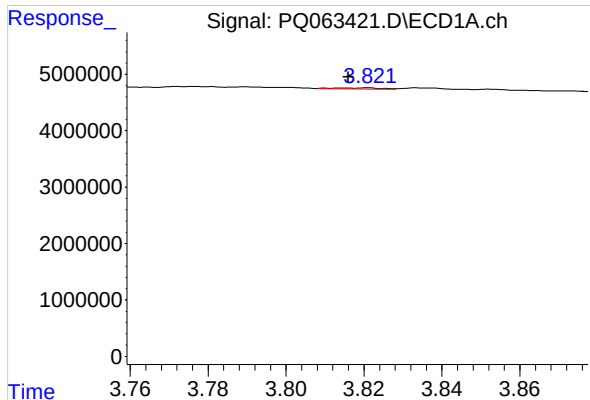
#10 AR-1221-3

R.T.: 3.821 min
Delta R.T.: 0.004 min
Response: 195549
Conc: 1.55 ng/ml



#10 AR-1221-3

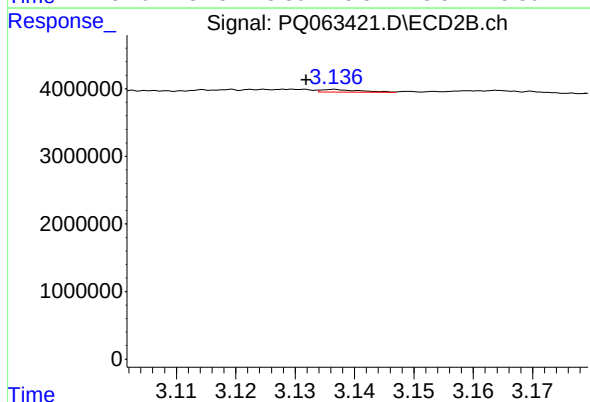
R.T.: 3.137 min
Delta R.T.: 0.005 min
Response: 187566
Conc: 1.76 ng/ml



#11 AR-1232-1

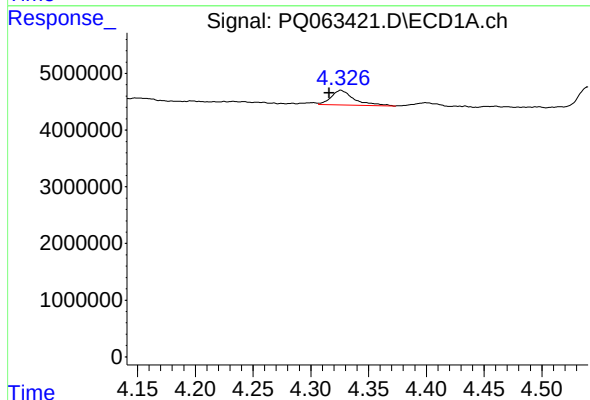
R.T.: 3.821 min
Delta R.T.: 0.005 min
Response: 195549
Conc: 1.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



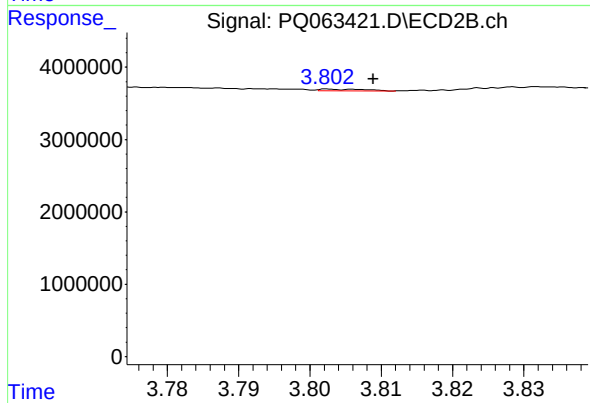
#11 AR-1232-1

R.T.: 3.137 min
Delta R.T.: 0.005 min
Response: 187566
Conc: 2.16 ng/ml



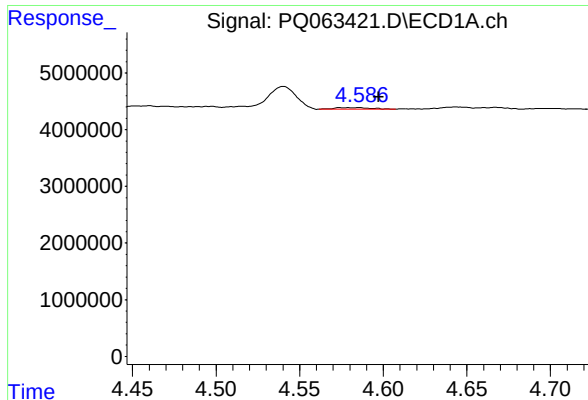
#12 AR-1232-2

R.T.: 4.326 min
Delta R.T.: 0.010 min
Response: 3638472
Conc: 57.20 ng/ml



#12 AR-1232-2

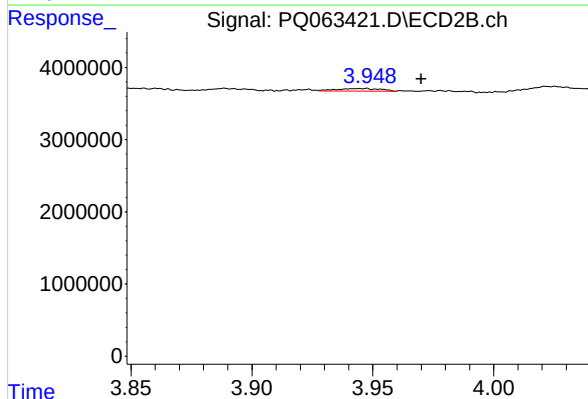
R.T.: 3.803 min
Delta R.T.: -0.006 min
Response: 109955
Conc: 1.36 ng/ml



#13 AR-1232-3

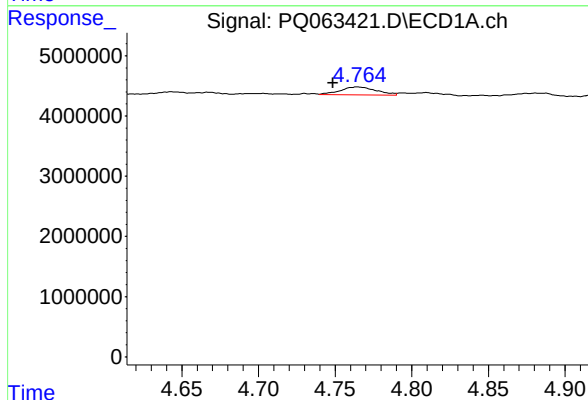
R.T.: 4.586 min
Delta R.T.: -0.012 min
Response: 437244
Conc: 4.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



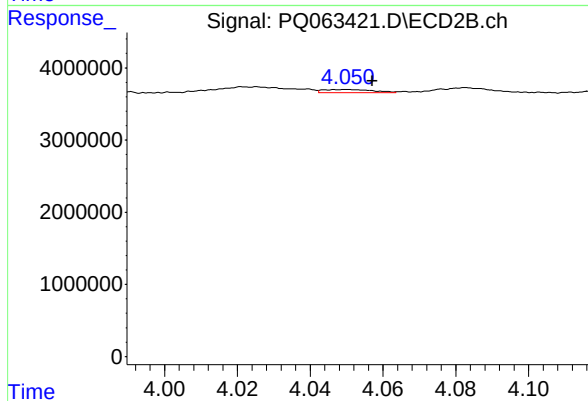
#13 AR-1232-3

R.T.: 3.948 min
Delta R.T.: -0.022 min
Response: 459980
Conc: 10.84 ng/ml



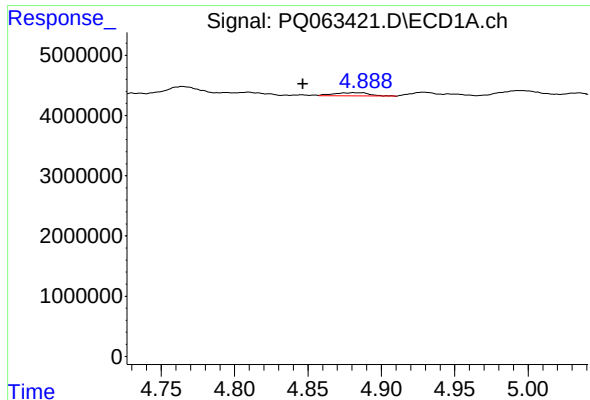
#14 AR-1232-4

R.T.: 4.765 min
Delta R.T.: 0.016 min
Response: 2177086
Conc: 43.81 ng/ml



#14 AR-1232-4

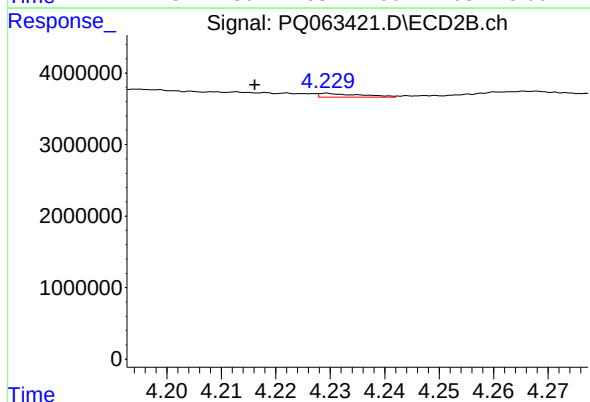
R.T.: 4.050 min
Delta R.T.: -0.007 min
Response: 407850
Conc: 11.12 ng/ml



#15 AR-1232-5

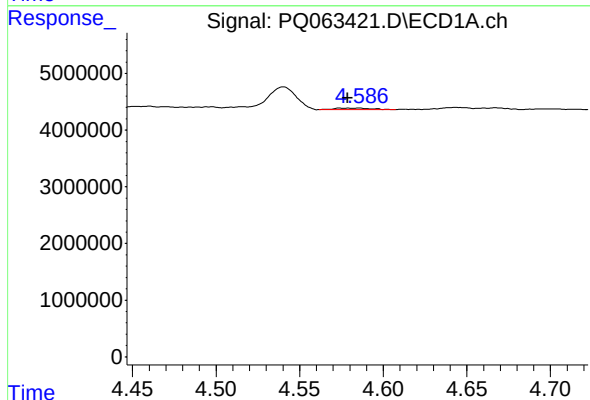
R.T.: 4.882 min
Delta R.T.: 0.035 min
Response: 935024
Conc: 24.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



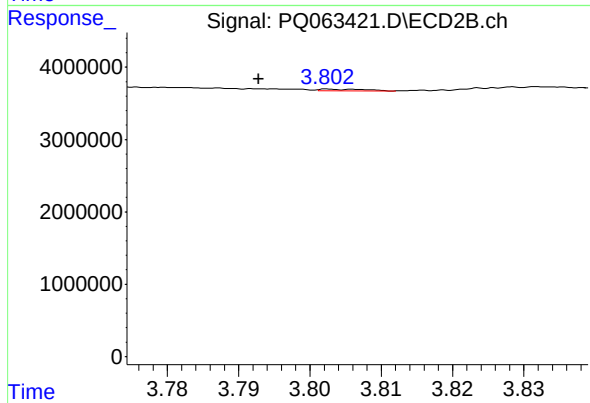
#15 AR-1232-5

R.T.: 4.229 min
Delta R.T.: 0.013 min
Response: 269252
Conc: 6.24 ng/ml



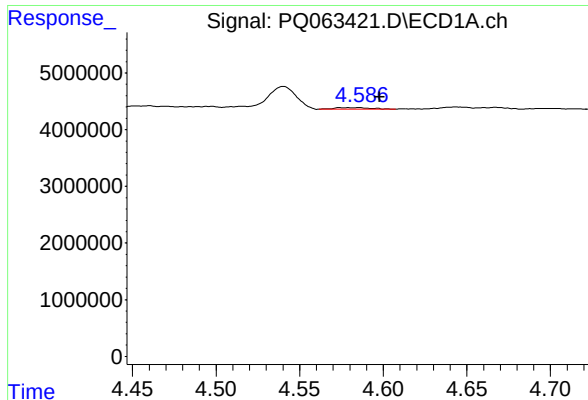
#16 AR-1242-1

R.T.: 4.586 min
Delta R.T.: 0.007 min
Response: 437244
Conc: 3.32 ng/ml



#16 AR-1242-1

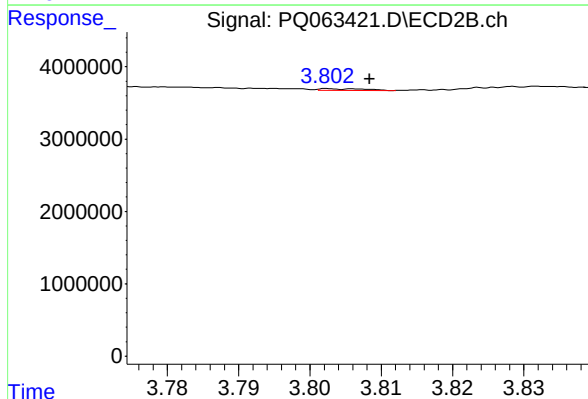
R.T.: 3.803 min
Delta R.T.: 0.010 min
Response: 109955
Conc: 1.01 ng/ml



#17 AR-1242-2

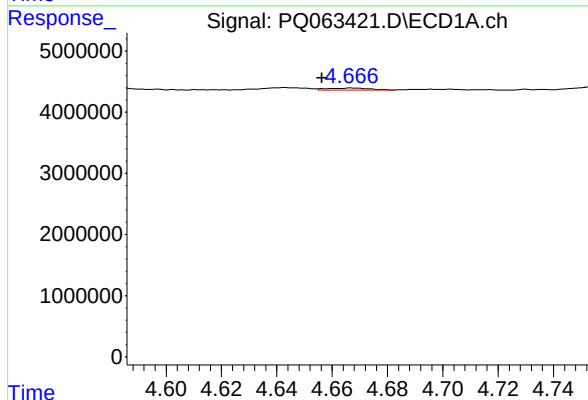
R.T.: 4.586 min
Delta R.T.: -0.012 min
Response: 437244
Conc: 2.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



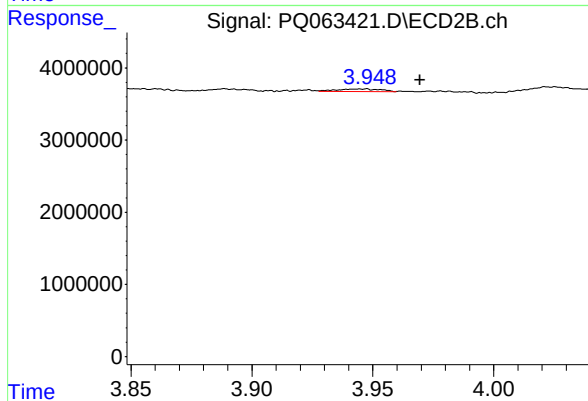
#17 AR-1242-2

R.T.: 3.803 min
Delta R.T.: -0.006 min
Response: 109955
Conc: 0.71 ng/ml



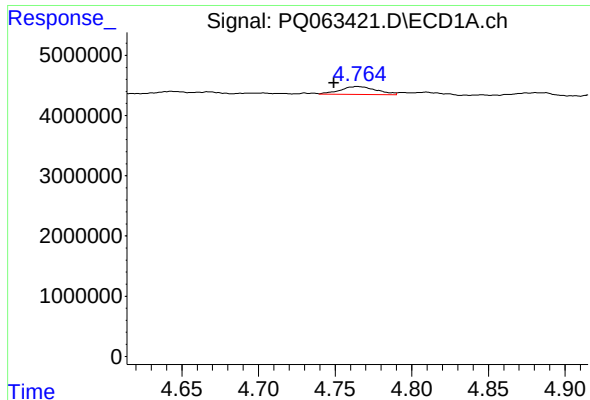
#18 AR-1242-3

R.T.: 4.667 min
Delta R.T.: 0.011 min
Response: 347773
Conc: 2.74 ng/ml



#18 AR-1242-3

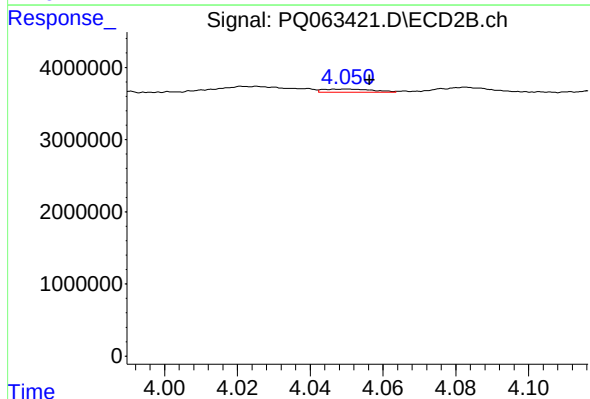
R.T.: 3.948 min
Delta R.T.: -0.022 min
Response: 459980
Conc: 5.48 ng/ml



#19 AR-1242-4

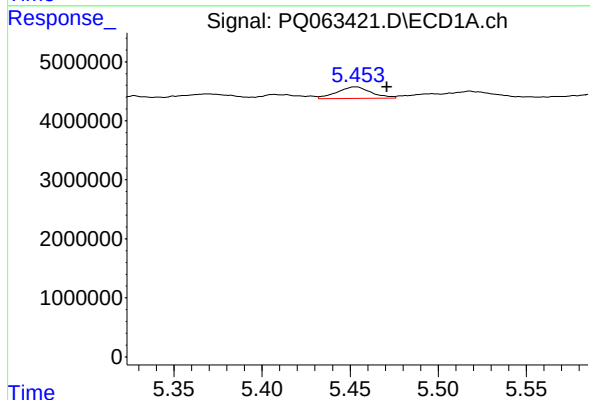
R.T.: 4.765 min
Delta R.T.: 0.015 min
Response: 2177086
Conc: 21.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



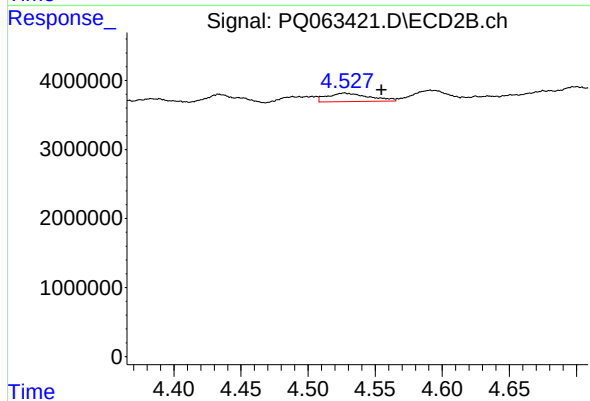
#19 AR-1242-4

R.T.: 4.050 min
Delta R.T.: -0.006 min
Response: 407850
Conc: 5.09 ng/ml



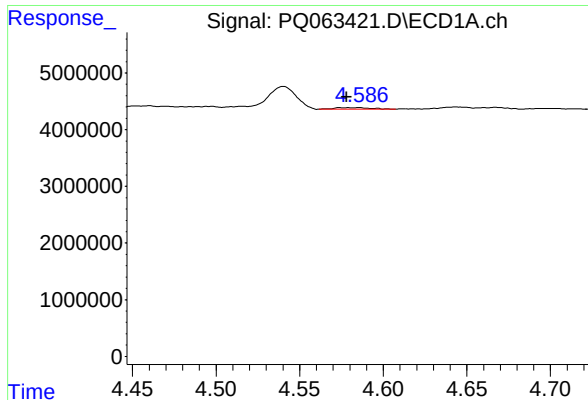
#20 AR-1242-5

R.T.: 5.453 min
Delta R.T.: -0.018 min
Response: 2704169
Conc: 24.73 ng/ml



#20 AR-1242-5

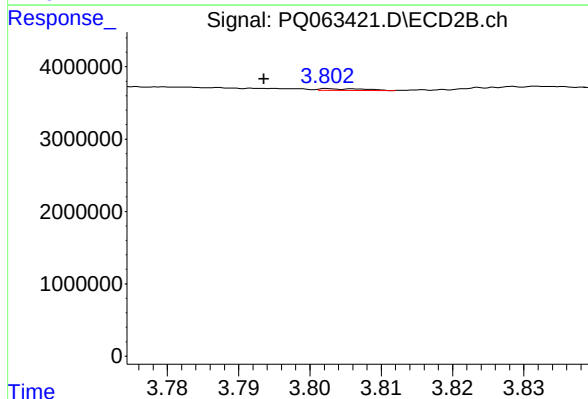
R.T.: 4.527 min
Delta R.T.: -0.028 min
Response: 2675858
Conc: 25.57 ng/ml



#21 AR-1248-1

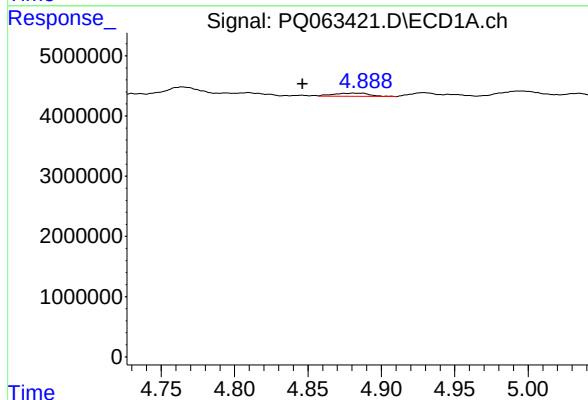
R.T.: 4.586 min
Delta R.T.: 0.007 min
Response: 437244
Conc: 4.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



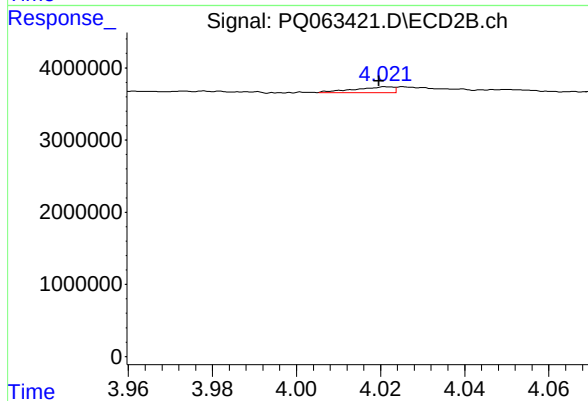
#21 AR-1248-1

R.T.: 3.803 min
Delta R.T.: 0.009 min
Response: 109955
Conc: 1.37 ng/ml



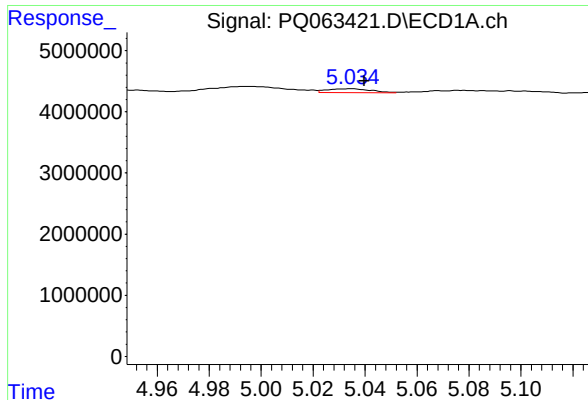
#22 AR-1248-2

R.T.: 4.882 min
Delta R.T.: 0.035 min
Response: 935024
Conc: 6.54 ng/ml



#22 AR-1248-2

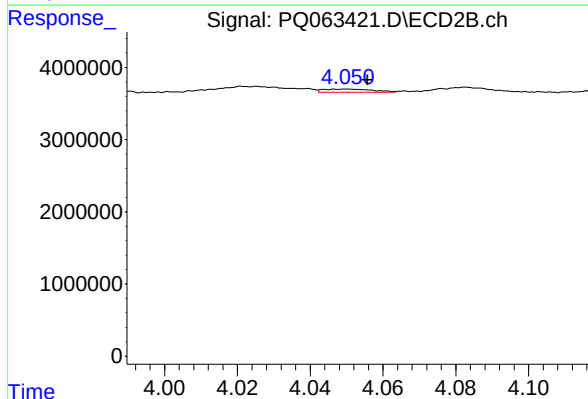
R.T.: 4.021 min
Delta R.T.: 0.002 min
Response: 504451
Conc: 4.21 ng/ml



#23 AR-1248-3

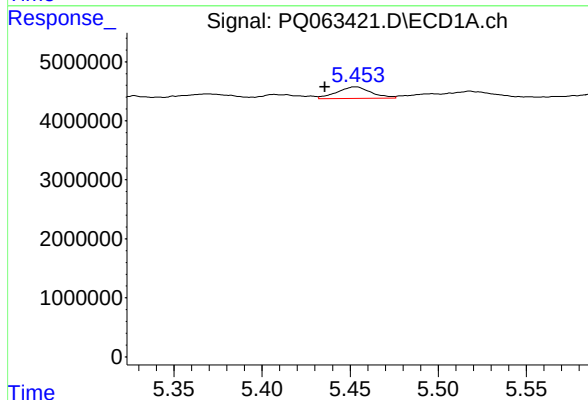
R.T.: 5.035 min
Delta R.T.: -0.005 min
Response: 760299
Conc: 4.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



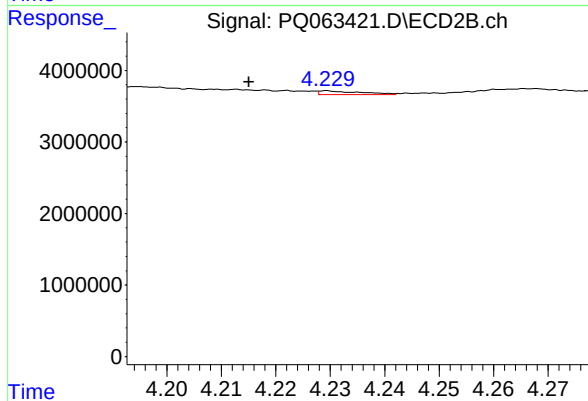
#23 AR-1248-3

R.T.: 4.050 min
Delta R.T.: -0.006 min
Response: 407850
Conc: 3.56 ng/ml



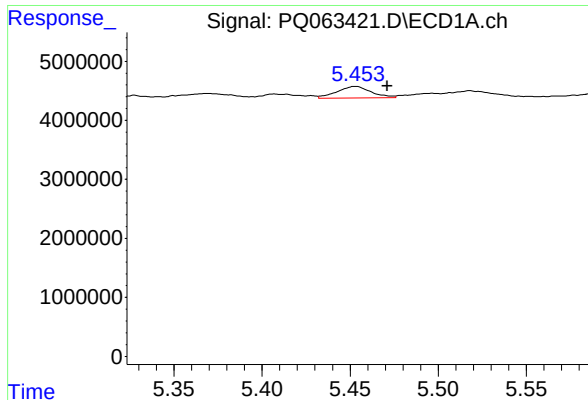
#24 AR-1248-4

R.T.: 5.453 min
Delta R.T.: 0.017 min
Response: 2704169
Conc: 14.14 ng/ml



#24 AR-1248-4

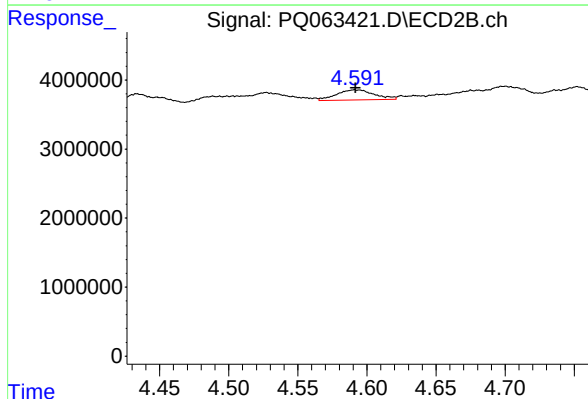
R.T.: 4.229 min
Delta R.T.: 0.014 min
Response: 269252
Conc: 1.91 ng/ml



#25 AR-1248-5

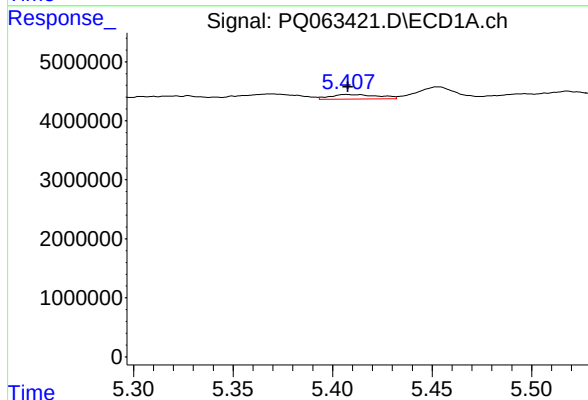
R.T.: 5.453 min
Delta R.T.: -0.018 min
Response: 2704169
Conc: 14.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



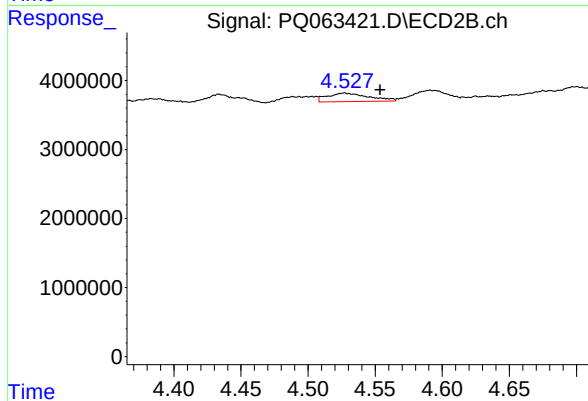
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 2804170
Conc: 20.29 ng/ml



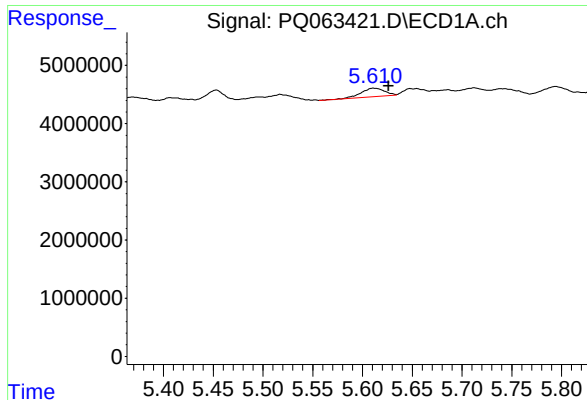
#26 AR-1254-1

R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 1293810
Conc: 6.43 ng/ml



#26 AR-1254-1

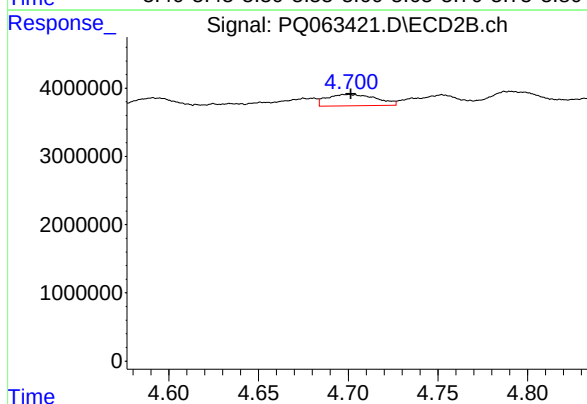
R.T.: 4.527 min
Delta R.T.: -0.027 min
Response: 2675858
Conc: 12.69 ng/ml



#27 AR-1254-2

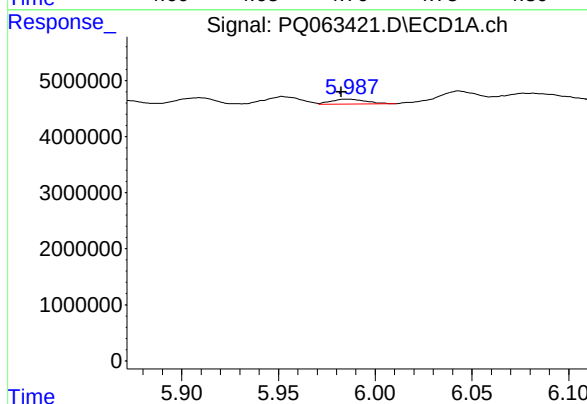
R.T.: 5.611 min
Delta R.T.: -0.015 min
Response: 2346698
Conc: 7.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



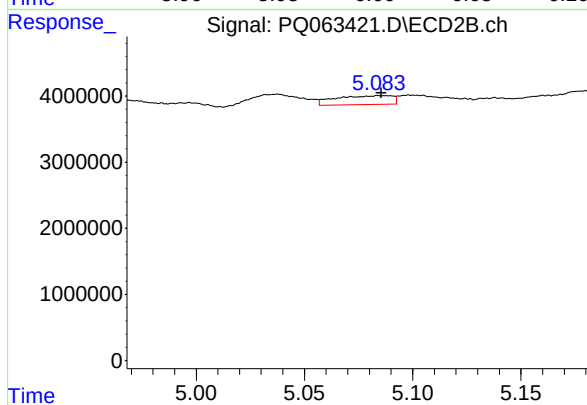
#27 AR-1254-2

R.T.: 4.701 min
Delta R.T.: -0.001 min
Response: 3191848
Conc: 17.25 ng/ml



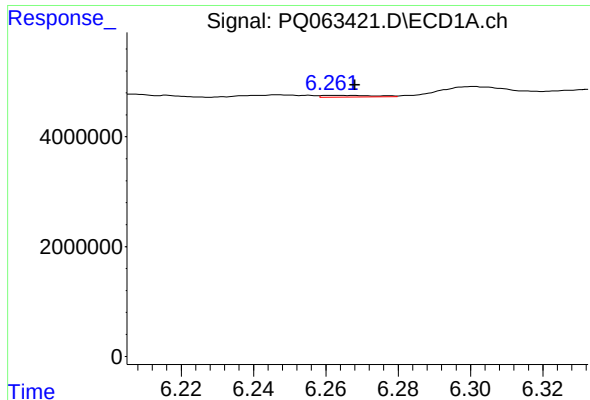
#28 AR-1254-3

R.T.: 5.986 min
Delta R.T.: 0.003 min
Response: 1125009
Conc: 3.43 ng/ml



#28 AR-1254-3

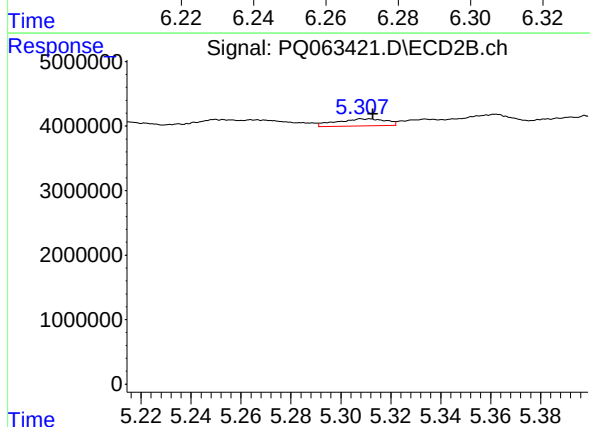
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 2464901
Conc: 8.61 ng/ml



#29 AR-1254-4

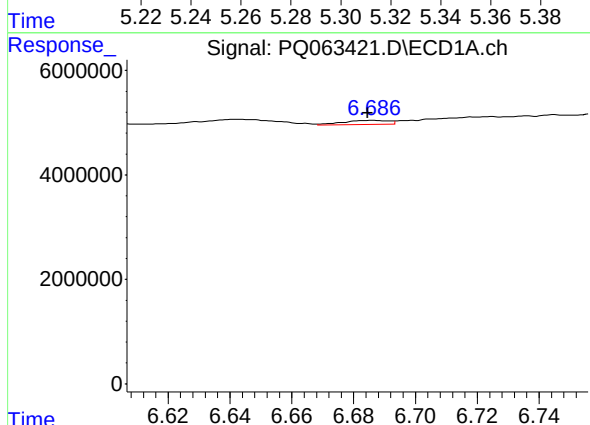
R.T.: 6.262 min
Delta R.T.: -0.006 min
Response: 319126
Conc: 1.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



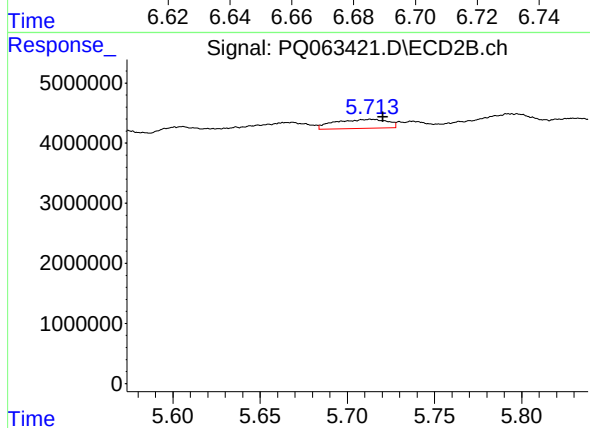
#29 AR-1254-4

R.T.: 5.308 min
Delta R.T.: -0.005 min
Response: 1484614
Conc: 8.02 ng/ml



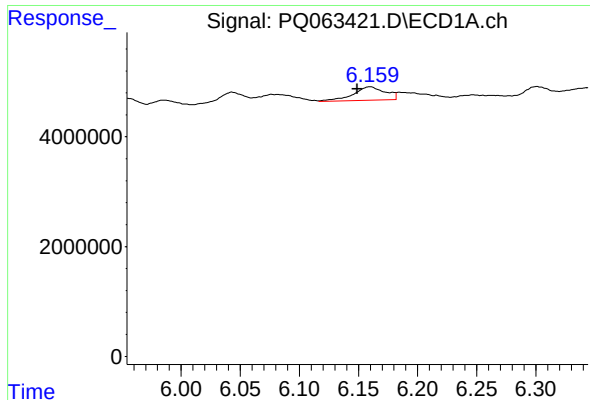
#30 AR-1254-5

R.T.: 6.686 min
Delta R.T.: 0.002 min
Response: 804846
Conc: 3.13 ng/ml



#30 AR-1254-5

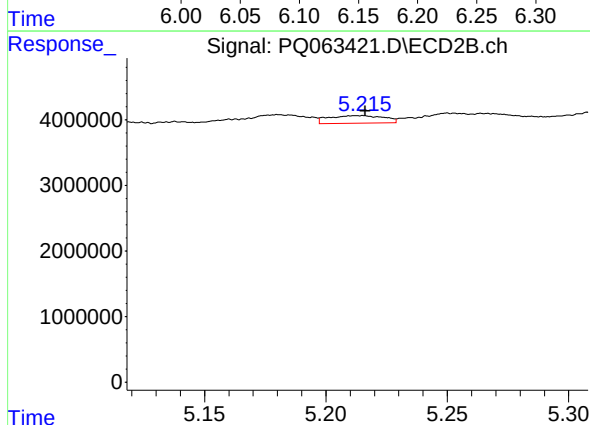
R.T.: 5.713 min
Delta R.T.: -0.007 min
Response: 3176548
Conc: 12.29 ng/ml



#31 AR-1260-1

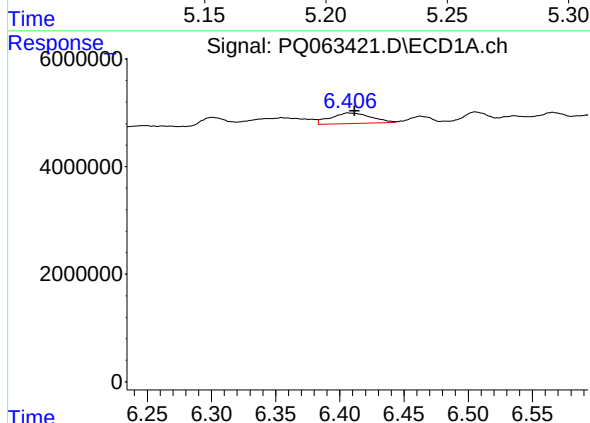
R.T.: 6.160 min
Delta R.T.: 0.011 min
Response: 4682494
Conc: 19.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



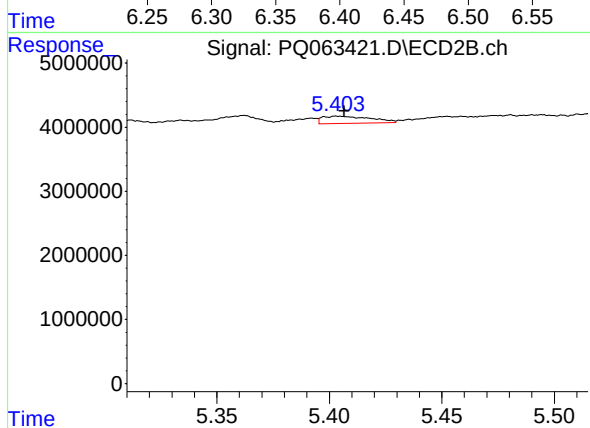
#31 AR-1260-1

R.T.: 5.215 min
Delta R.T.: -0.001 min
Response: 1842048
Conc: 9.12 ng/ml



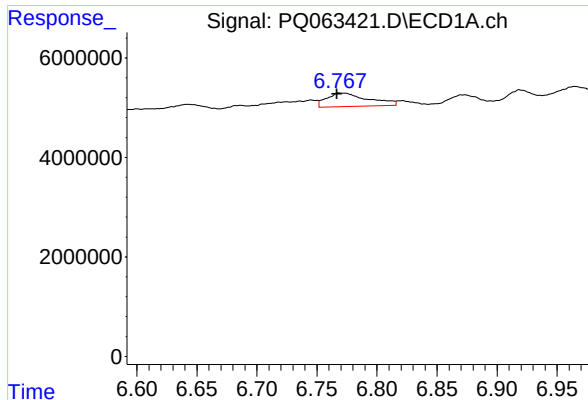
#32 AR-1260-2

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 4281136
Conc: 15.11 ng/ml



#32 AR-1260-2

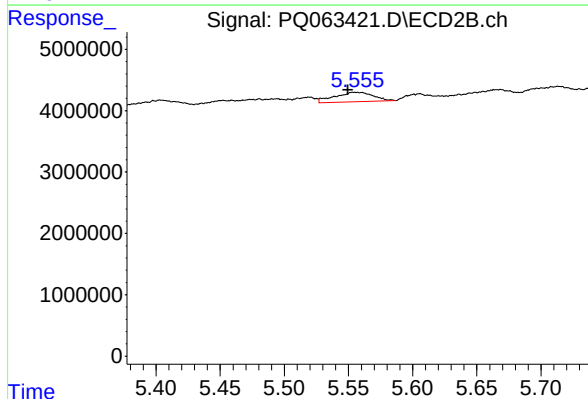
R.T.: 5.403 min
Delta R.T.: -0.004 min
Response: 1650380
Conc: 6.74 ng/ml



#33 AR-1260-3

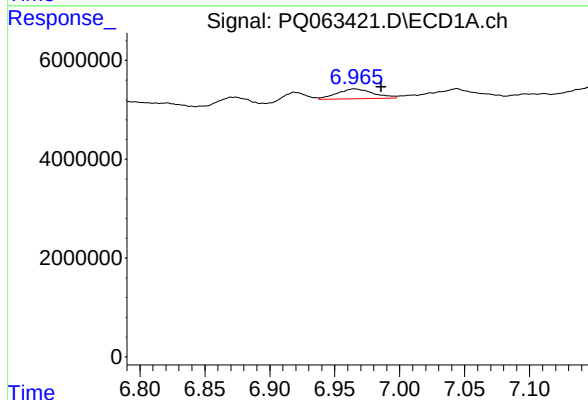
R.T.: 6.769 min
Delta R.T.: 0.002 min
Response: 6511098
Conc: 32.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



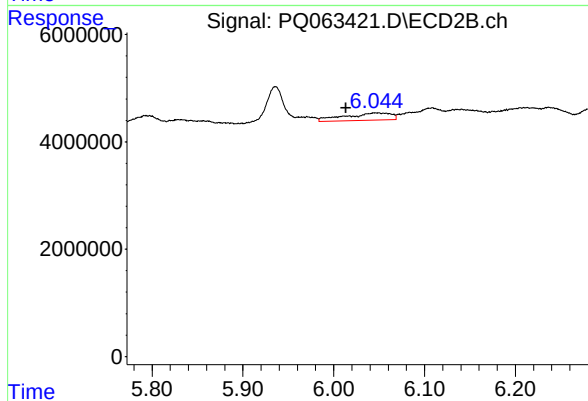
#33 AR-1260-3

R.T.: 5.554 min
Delta R.T.: 0.005 min
Response: 3172023
Conc: 13.41 ng/ml



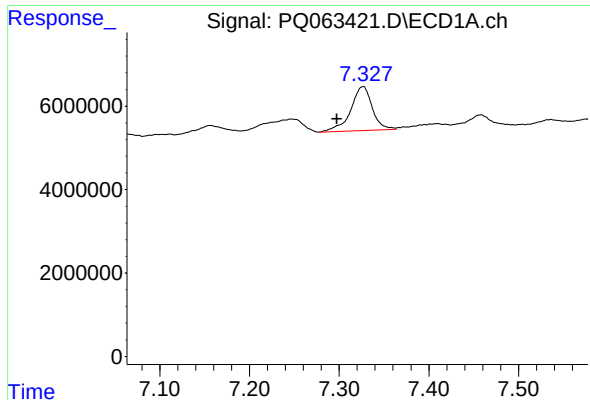
#34 AR-1260-4

R.T.: 6.965 min
Delta R.T.: -0.020 min
Response: 3901617
Conc: 16.37 ng/ml



#34 AR-1260-4

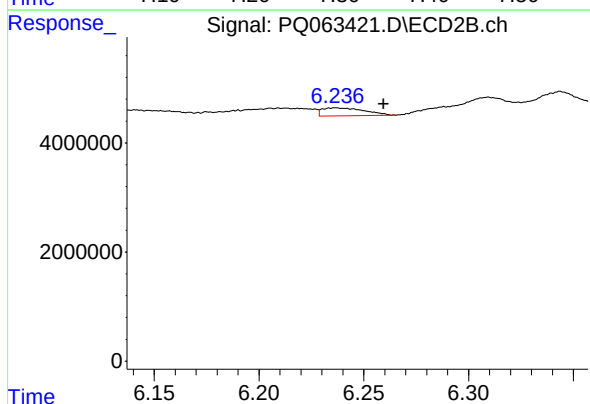
R.T.: 6.050 min
Delta R.T.: 0.036 min
Response: 4782189
Conc: 25.05 ng/ml



#35 AR-1260-5

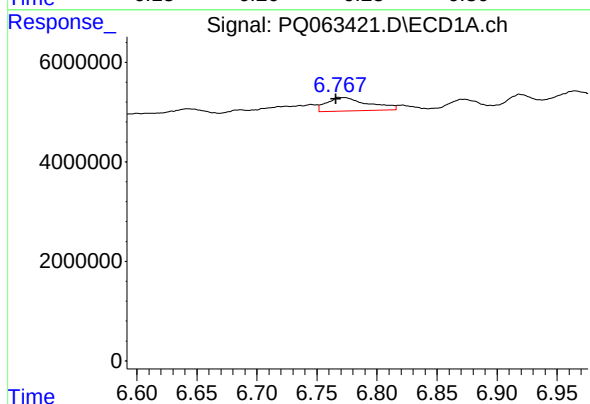
R.T.: 7.327 min
Delta R.T.: 0.029 min
Response: 17742504
Conc: 39.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



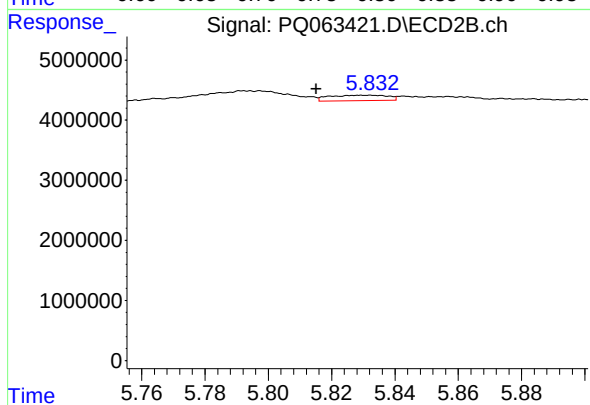
#35 AR-1260-5

R.T.: 6.237 min
Delta R.T.: -0.023 min
Response: 2079905
Conc: 4.75 ng/ml



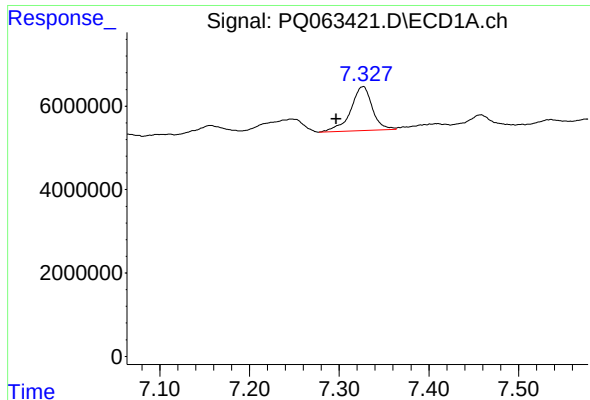
#36 AR-1262-1

R.T.: 6.769 min
Delta R.T.: 0.003 min
Response: 6511098
Conc: 20.91 ng/ml



#36 AR-1262-1

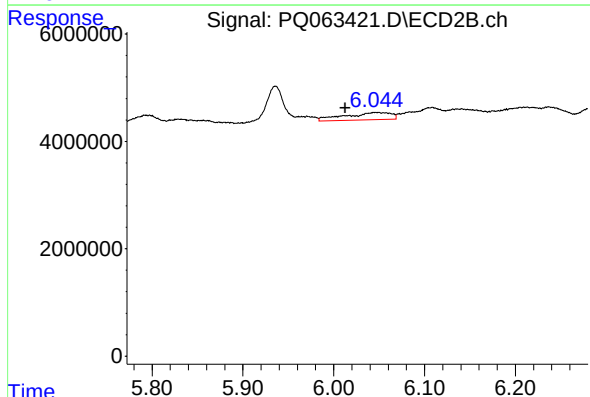
R.T.: 5.832 min
Delta R.T.: 0.017 min
Response: 1178572
Conc: 11.20 ng/ml



#37 AR-1262-2

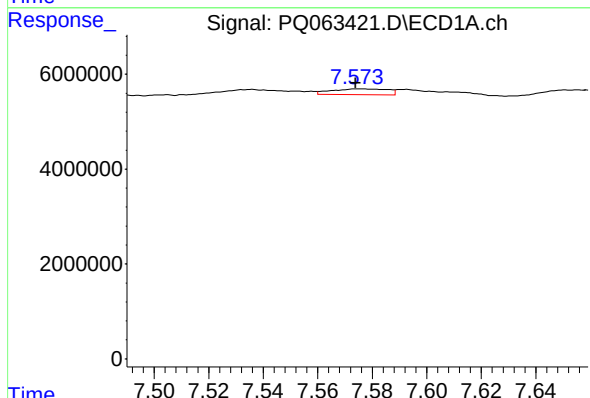
R.T.: 7.327 min
Delta R.T.: 0.030 min
Response: 17742504
Conc: 34.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



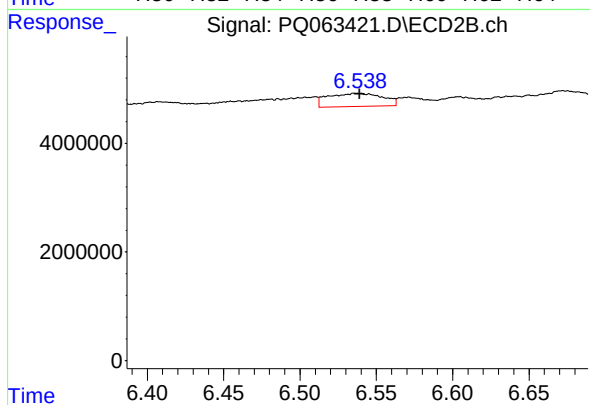
#37 AR-1262-2

R.T.: 6.050 min
Delta R.T.: 0.037 min
Response: 4782189
Conc: 20.60 ng/ml



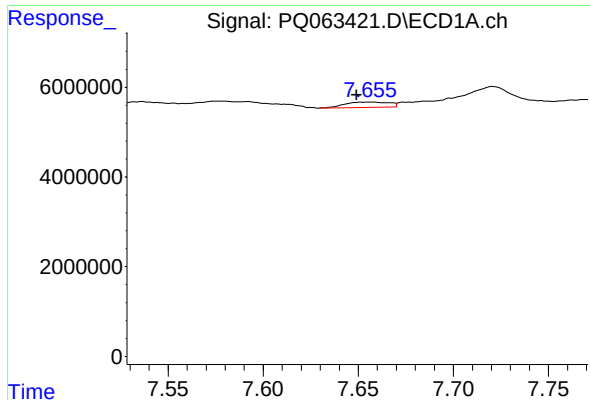
#38 AR-1262-3

R.T.: 7.575 min
Delta R.T.: 0.001 min
Response: 1739870
Conc: 5.03 ng/ml



#38 AR-1262-3

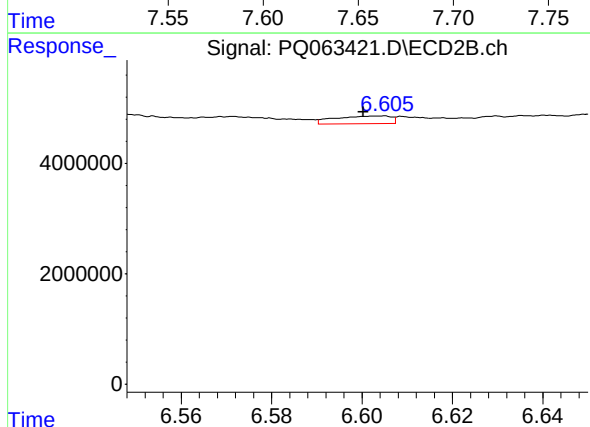
R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 6019762
Conc: 31.34 ng/ml



#39 AR-1262-4

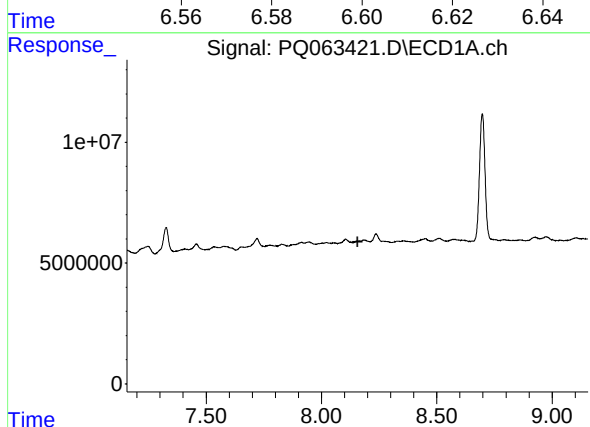
R.T.: 7.656 min
Delta R.T.: 0.007 min
Response: 1921799
Conc: 7.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



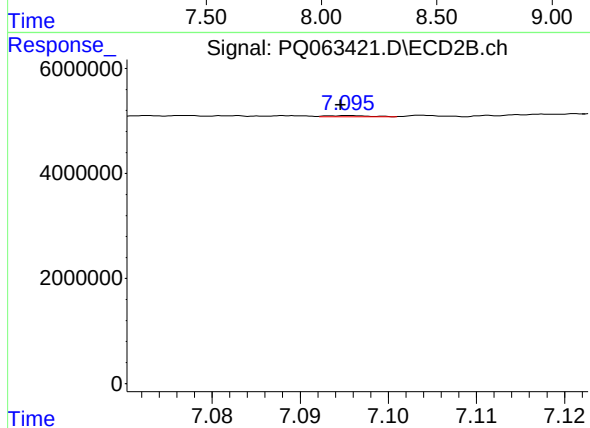
#39 AR-1262-4

R.T.: 6.605 min
Delta R.T.: 0.004 min
Response: 1190368
Conc: 3.40 ng/ml



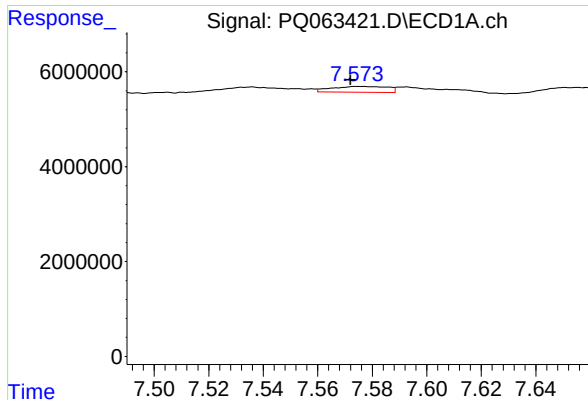
#40 AR-1262-5

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: -152166
Conc: N.D.



#40 AR-1262-5

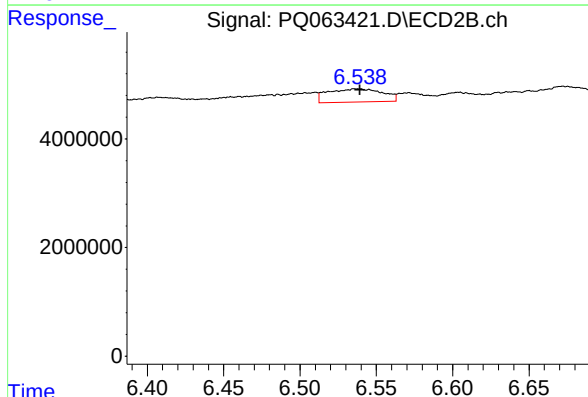
R.T.: 7.096 min
Delta R.T.: 0.001 min
Response: 84473
Conc: 0.51 ng/ml



#41 AR-1268-1

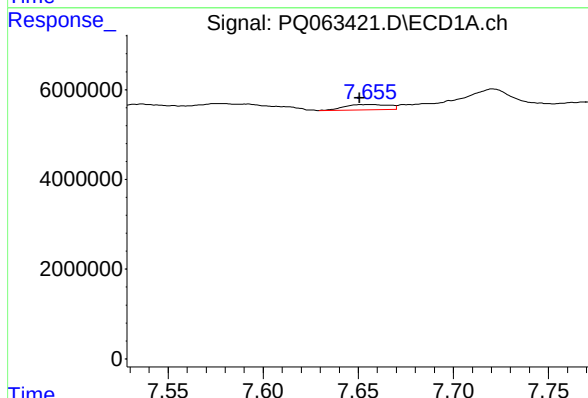
R.T.: 7.575 min
Delta R.T.: 0.003 min
Response: 1739870
Conc: 2.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



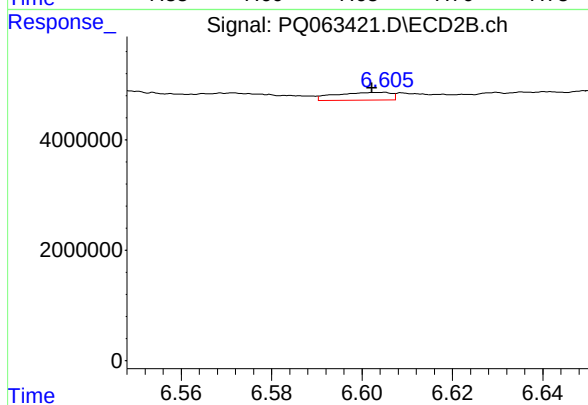
#41 AR-1268-1

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 6019762
Conc: 10.74 ng/ml



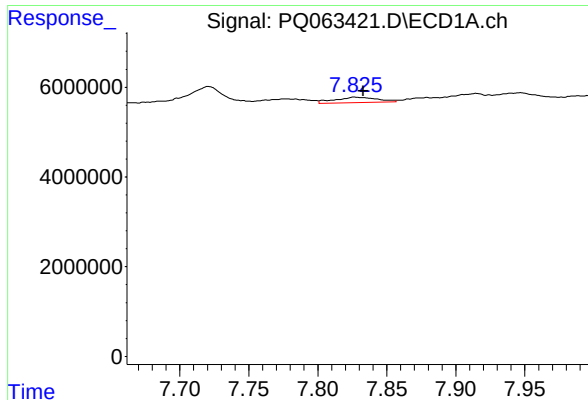
#42 AR-1268-2

R.T.: 7.656 min
Delta R.T.: 0.005 min
Response: 1921799
Conc: 3.36 ng/ml



#42 AR-1268-2

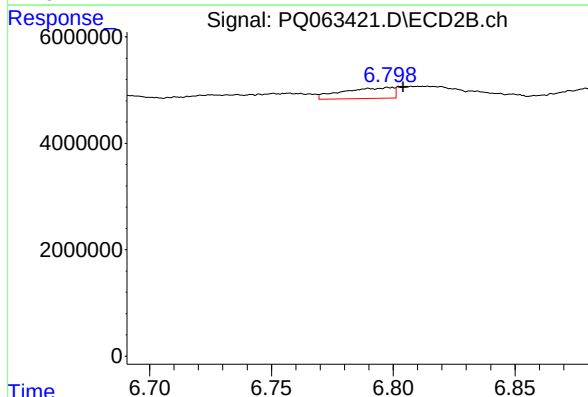
R.T.: 6.605 min
Delta R.T.: 0.002 min
Response: 1190368
Conc: 2.39 ng/ml



#43 AR-1268-3

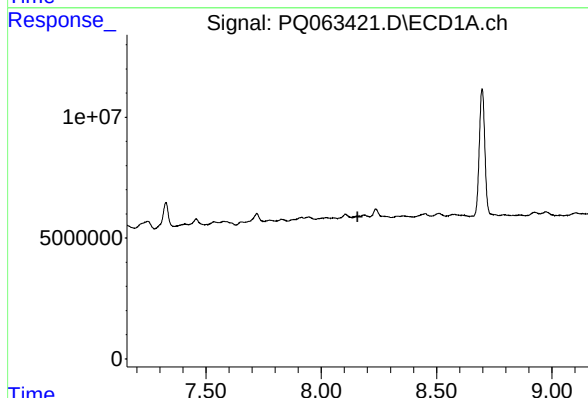
R.T.: 7.827 min
Delta R.T.: -0.007 min
Response: 2597620
Conc: 5.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



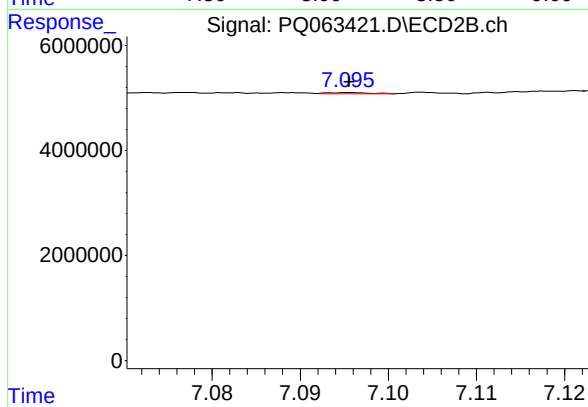
#43 AR-1268-3

R.T.: 6.798 min
Delta R.T.: -0.006 min
Response: 2944384
Conc: 6.91 ng/ml



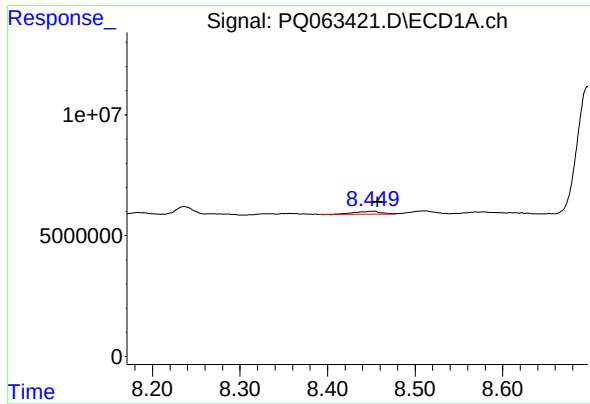
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: -152166
Conc: N.D.



#44 AR-1268-4

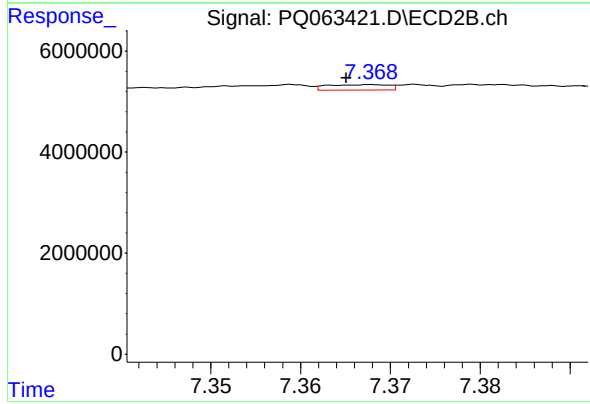
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 84473
Conc: 0.46 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.008 min
Response: 2658726
Conc: 1.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.368 min
Delta R.T.: 0.003 min
Response: 518441
Conc: 0.39 ng/ml