

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051122\
 Data File : PQ057571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 09:25
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 01:38:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 06 23:16:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.520	3.738	515314	132872	0.015	0.010 #
2)	SA Decachlor...	0.000	8.668	0	197661	N.D.	0.018 #
Target Compounds							
3)	L1 AR-1016-1	5.701	4.792	1126757	86680	1.683	0.253 #
4)	L1 AR-1016-2	5.719	4.792	941696	86680	0.625	0.127 #
5)	L1 AR-1016-3	5.780	4.992	846150	490376	0.848	1.684 #
6)	L1 AR-1016-4	5.899	5.070f	1037953	529902	1.329	2.018 #
7)	L1 AR-1016-5	6.193	5.276	1261531	6196495	2.017	19.558 #
8)	L2 AR-1221-1	4.743	3.964	877959	340402	2.337	2.355
9)	L2 AR-1221-2	4.844	4.061	676128	574286	2.538	5.796 #
10)	L2 AR-1221-3	4.907	4.107	325651	162204	0.362	0.462 #
11)	L3 AR-1232-1	4.907	4.107	325651	162204	0.421	0.507
12)	L3 AR-1232-2	5.429	4.854	560496	544461	1.029	1.520 #
13)	L3 AR-1232-3	5.719	4.992	941696	490376	1.154	2.959 #
14)	L3 AR-1232-4	5.899	5.070	1037953	529902	2.692	3.546 #
15)	L3 AR-1232-5	5.962	5.276	528988	6196495	0.959	40.822 #
16)	L4 AR-1242-1	5.701	4.792	1126757	86680	1.909	0.287 #
17)	L4 AR-1242-2	5.719	4.792	941696	86680	0.712	0.141 #
18)	L4 AR-1242-3	5.780	4.992	846150	490376	0.908	1.843 #
19)	L4 AR-1242-4	5.899	5.070	1037953	529902	1.493	1.925 #
20)	L4 AR-1242-5	6.632	5.577	2689525	7627888	3.882	21.504 #
21)	L5 AR-1248-1	5.701	4.792	1126757	86680	2.508	0.380 #
22)	L5 AR-1248-2	5.962	5.070f	528988	529902	0.667	1.342 #
23)	L5 AR-1248-3	6.193	5.070	1261531	529902	1.351	1.295
24)	L5 AR-1248-4	6.577	5.276	6611311	6196495	6.470	12.881 #
25)	L5 AR-1248-5	6.598	5.623	4607311	6097866	4.059	12.217 #
26)	L6 AR-1254-1	6.545	5.577	3856526	7627888	4.330	10.025 #
27)	L6 AR-1254-2	6.759	5.743	2106338	5423808	1.501	8.818 #
28)	L6 AR-1254-3	7.131	6.119	4984934	433591	2.976	0.420 #
29)	L6 AR-1254-4	7.414	6.313f	4551310	1120885	4.133	1.476 #
30)	L6 AR-1254-5	7.860	6.801f	2085779	1854090	1.674	1.987
31)	L7 AR-1260-1	7.282	6.289	7309070	4225051	7.340	7.136
32)	L7 AR-1260-2	7.537	6.432	2598913	4332086	2.187	6.000 #
33)	L7 AR-1260-3	7.860	6.613	2085779	989833	1.456	1.349
34)	L7 AR-1260-4	8.143	0.000	628198	0	0.585	N.D. #
35)	L7 AR-1260-5	8.451	7.255f	1752348	1874985	0.779	1.345 #
36)	L8 AR-1262-1	7.907	6.801f	689342	1854090	0.491	3.942 #
37)	L8 AR-1262-2	8.451	7.255f	1752348	1874985	0.631	1.048 #
38)	L8 AR-1262-3	8.776	7.526f	1263130	419161	0.975	0.581 #
39)	L8 AR-1262-4	8.871	7.649	1117649	1834220	1.080	1.412 #
40)	L8 AR-1262-5	9.579f	8.188f	3331589	812595	2.752	1.434 #
41)	L9 AR-1268-1	8.776	7.526f	1263130	419161	0.374	0.209 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 09:25
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

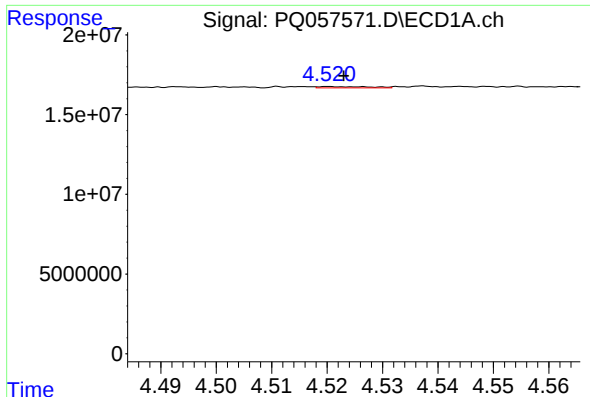
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 01:38:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050522CLP.M
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 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.871	7.649	1117649	1834220	0.303	1.002 #
43) L9	AR-1268-3	9.058f	7.852	378233	7247	0.119	0.005 #
44) L9	AR-1268-4	9.579f	8.188f	3331589	812595	2.537	1.304 #
45) L9	AR-1268-5	9.946	8.430	116348	344111	0.010	0.071 #

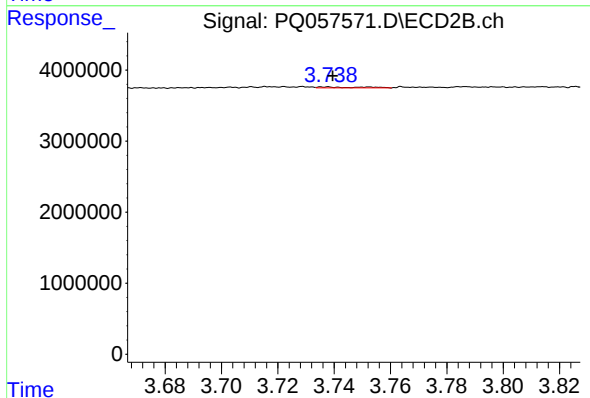
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

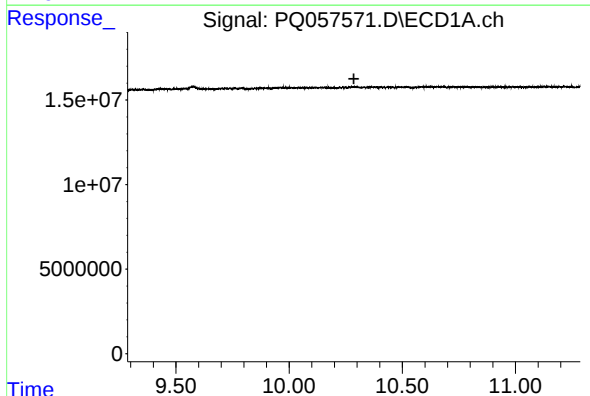
R.T.: 4.520 min
Delta R.T.: -0.003 min
Response: 515314
Conc: 0.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



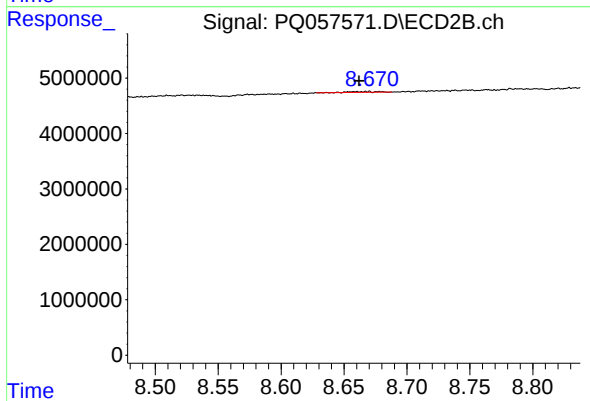
#1 Tetrachloro-m-xylene

R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 132872
Conc: 0.01 ng/ml



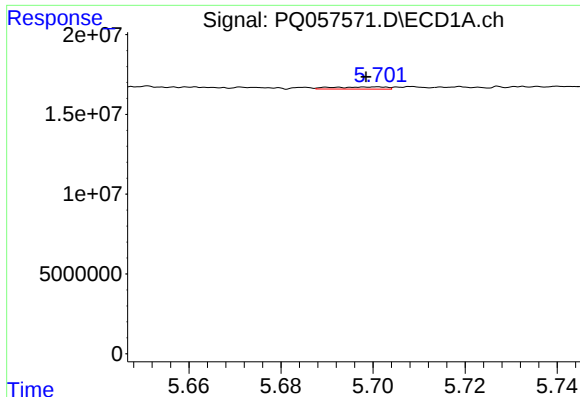
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.286 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

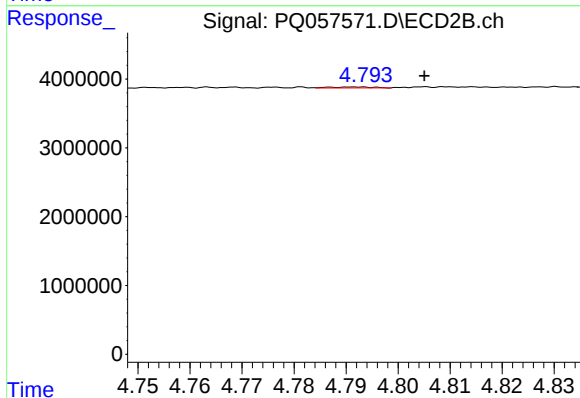
R.T.: 8.668 min
Delta R.T.: 0.006 min
Response: 197661
Conc: 0.02 ng/ml



#3 AR-1016-1

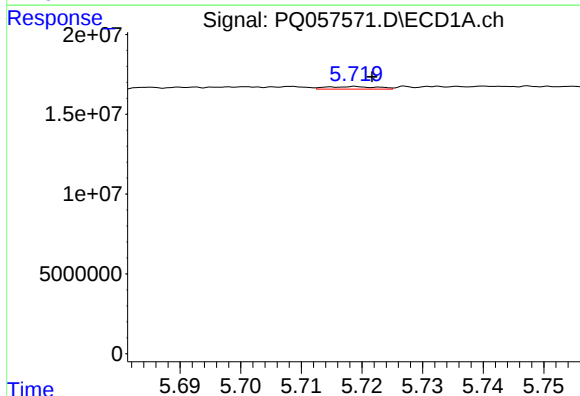
R.T.: 5.701 min
Delta R.T.: 0.003 min
Response: 1126757
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



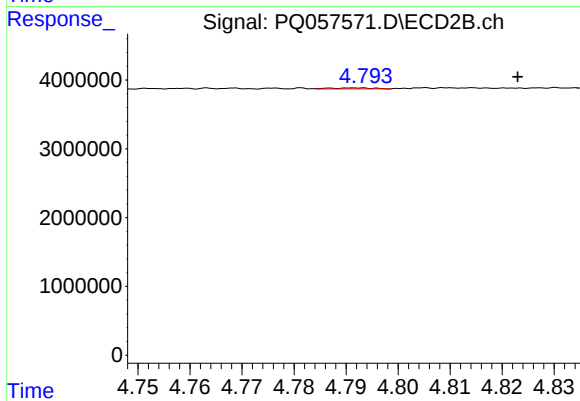
#3 AR-1016-1

R.T.: 4.792 min
Delta R.T.: -0.013 min
Response: 86680
Conc: 0.25 ng/ml



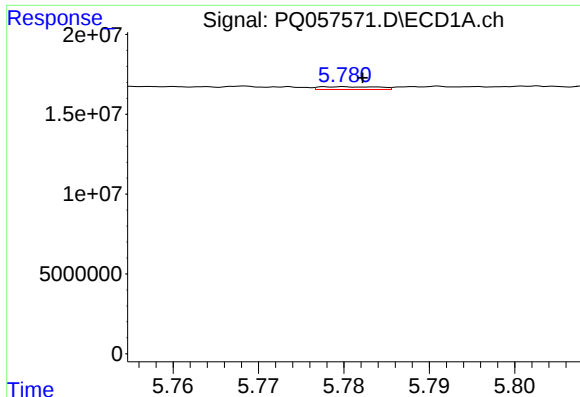
#4 AR-1016-2

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 941696
Conc: 0.63 ng/ml



#4 AR-1016-2

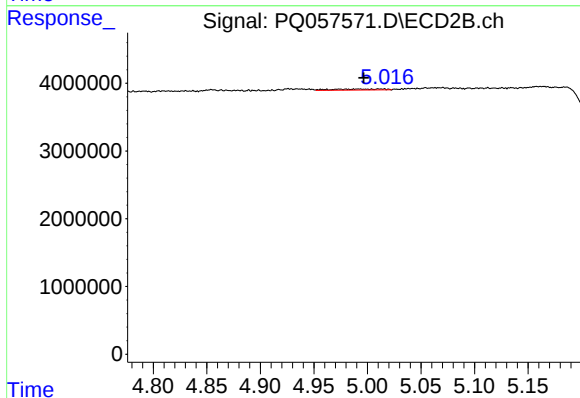
R.T.: 4.792 min
Delta R.T.: -0.031 min
Response: 86680
Conc: 0.13 ng/ml



#5 AR-1016-3

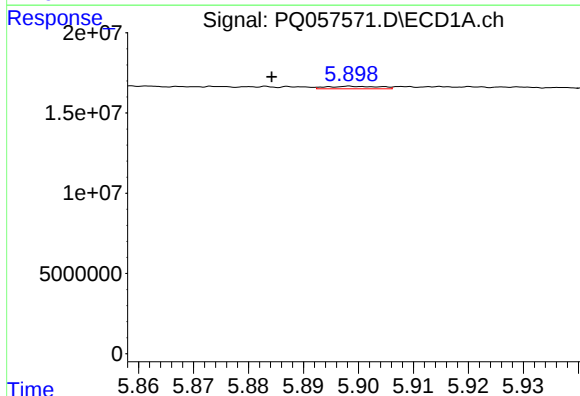
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 846150
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



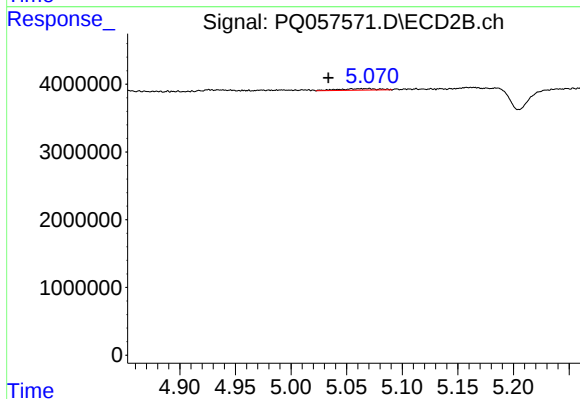
#5 AR-1016-3

R.T.: 4.992 min
Delta R.T.: -0.005 min
Response: 490376
Conc: 1.68 ng/ml



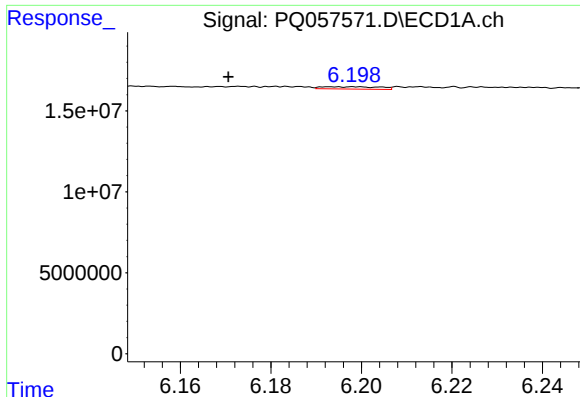
#6 AR-1016-4

R.T.: 5.899 min
Delta R.T.: 0.014 min
Response: 1037953
Conc: 1.33 ng/ml



#6 AR-1016-4

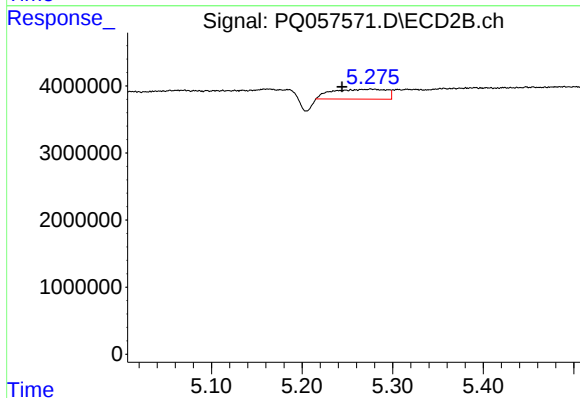
R.T.: 5.070 min
Delta R.T.: 0.036 min
Response: 529902
Conc: 2.02 ng/ml



#7 AR-1016-5

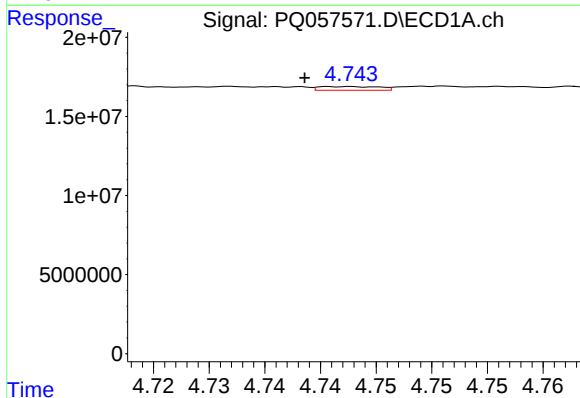
R.T.: 6.193 min
Delta R.T.: 0.023 min
Response: 1261531
Conc: 2.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



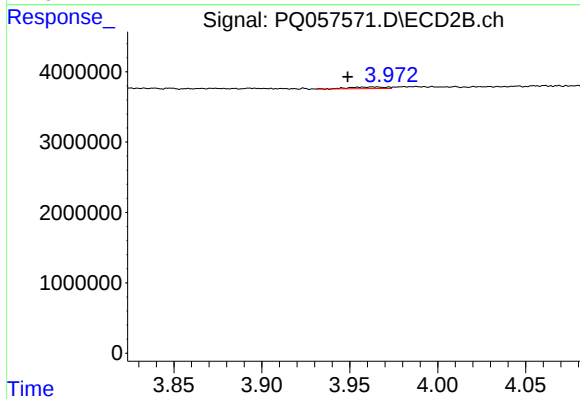
#7 AR-1016-5

R.T.: 5.276 min
Delta R.T.: 0.032 min
Response: 6196495
Conc: 19.56 ng/ml



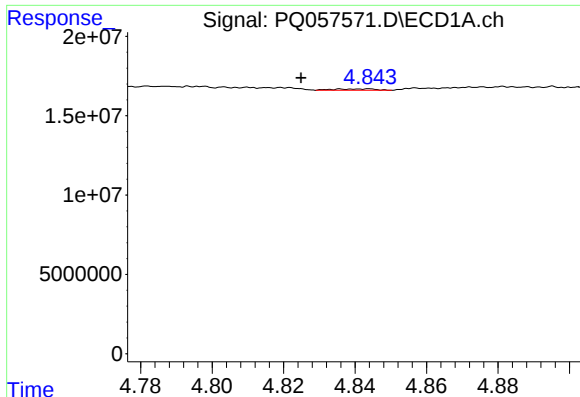
#8 AR-1221-1

R.T.: 4.743 min
Delta R.T.: 0.004 min
Response: 877959
Conc: 2.34 ng/ml



#8 AR-1221-1

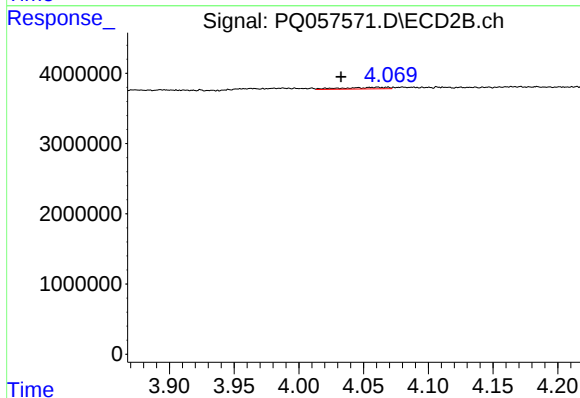
R.T.: 3.964 min
Delta R.T.: 0.015 min
Response: 340402
Conc: 2.36 ng/ml



#9 AR-1221-2

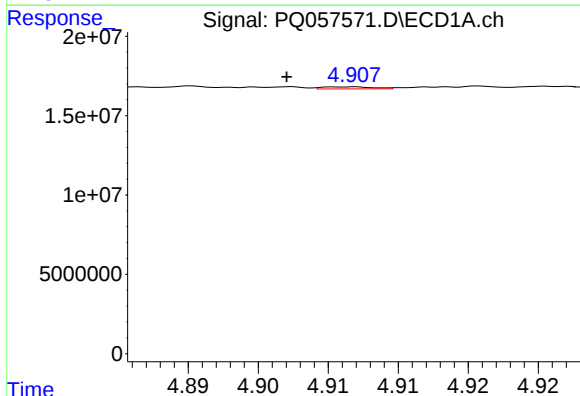
R.T.: 4.844 min
Delta R.T.: 0.019 min
Response: 676128
Conc: 2.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



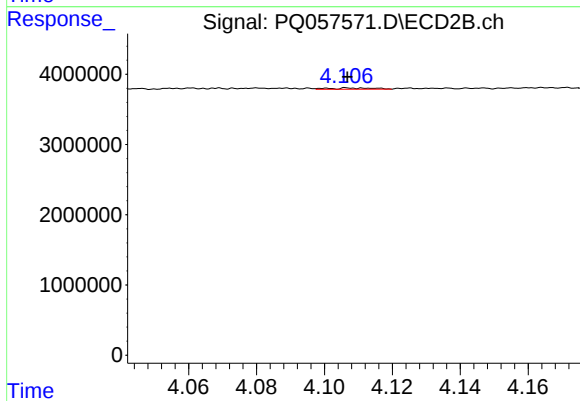
#9 AR-1221-2

R.T.: 4.061 min
Delta R.T.: 0.029 min
Response: 574286
Conc: 5.80 ng/ml



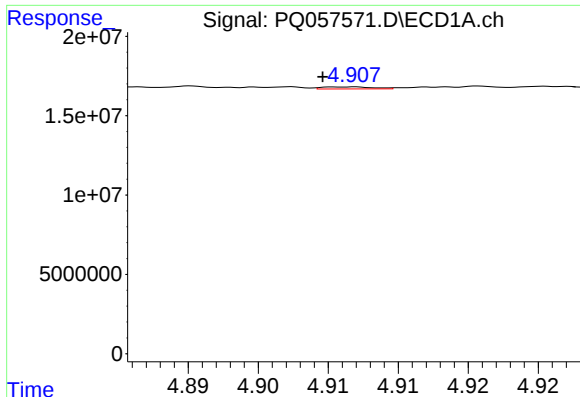
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: 0.005 min
Response: 325651
Conc: 0.36 ng/ml



#10 AR-1221-3

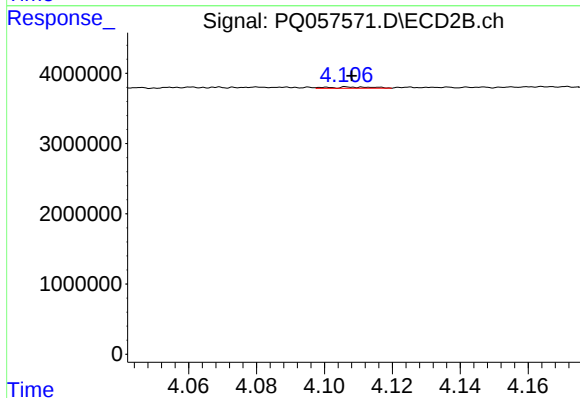
R.T.: 4.107 min
Delta R.T.: 0.000 min
Response: 162204
Conc: 0.46 ng/ml



#11 AR-1232-1

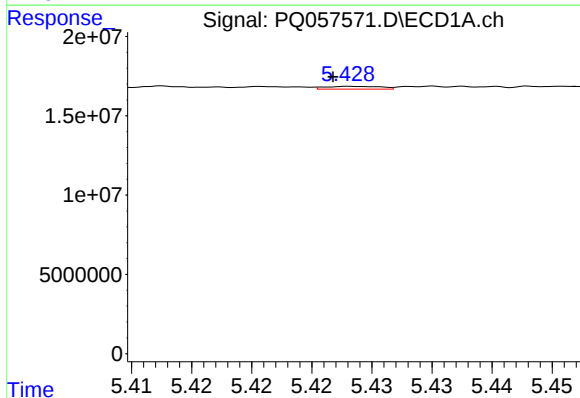
R.T.: 4.907 min
Delta R.T.: 0.002 min
Response: 325651
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



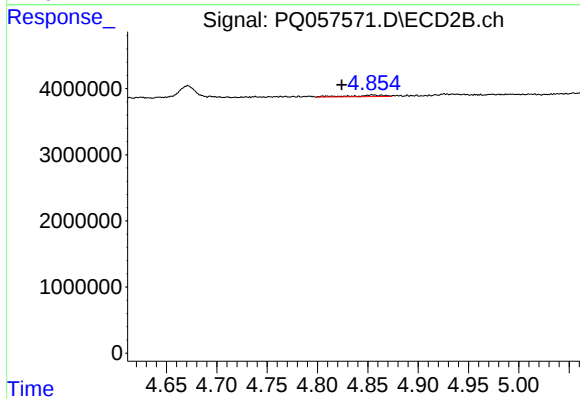
#11 AR-1232-1

R.T.: 4.107 min
Delta R.T.: 0.000 min
Response: 162204
Conc: 0.51 ng/ml



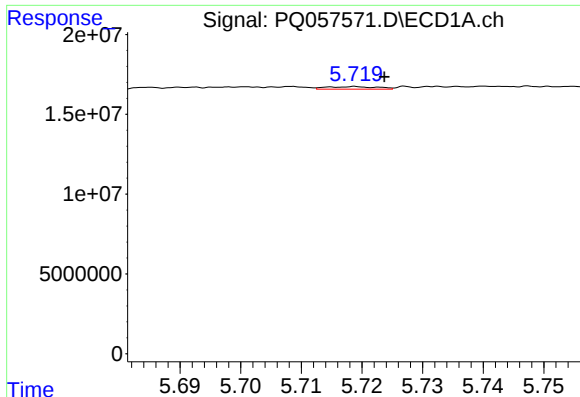
#12 AR-1232-2

R.T.: 5.429 min
Delta R.T.: 0.002 min
Response: 560496
Conc: 1.03 ng/ml



#12 AR-1232-2

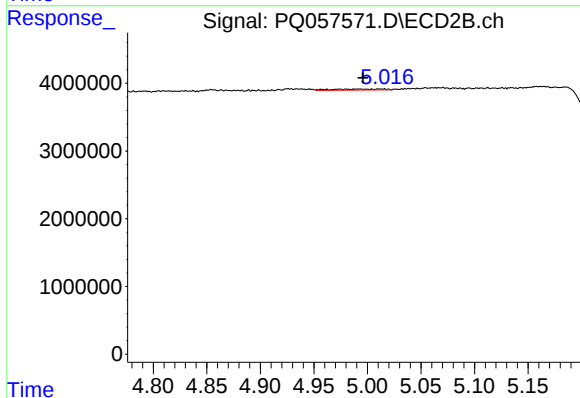
R.T.: 4.854 min
Delta R.T.: 0.030 min
Response: 544461
Conc: 1.52 ng/ml



#13 AR-1232-3

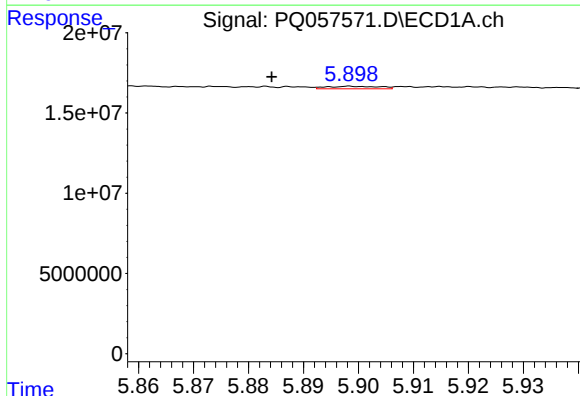
R.T.: 5.719 min
Delta R.T.: -0.005 min
Response: 941696
Conc: 1.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



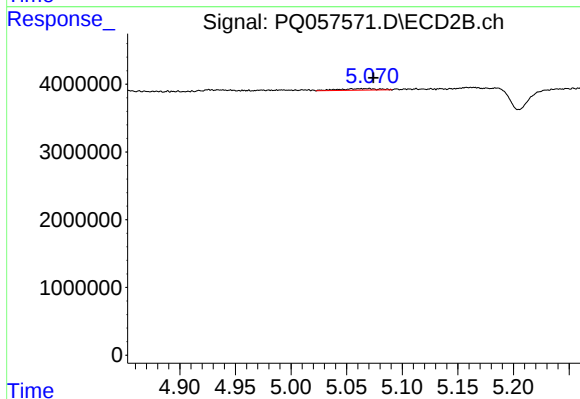
#13 AR-1232-3

R.T.: 4.992 min
Delta R.T.: -0.004 min
Response: 490376
Conc: 2.96 ng/ml



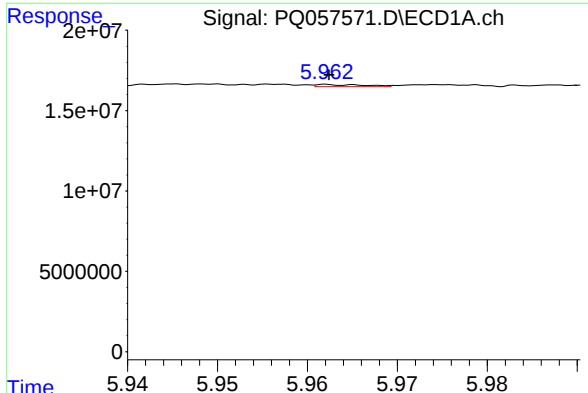
#14 AR-1232-4

R.T.: 5.899 min
Delta R.T.: 0.014 min
Response: 1037953
Conc: 2.69 ng/ml



#14 AR-1232-4

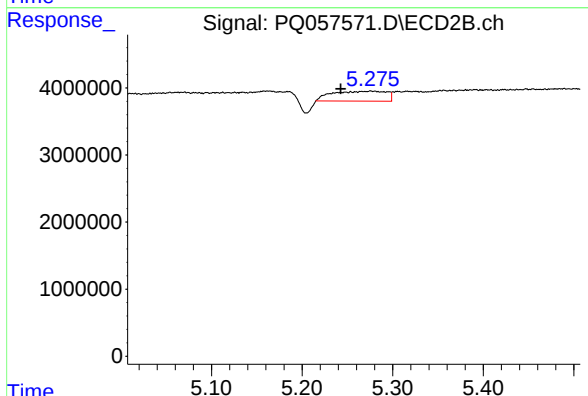
R.T.: 5.070 min
Delta R.T.: -0.004 min
Response: 529902
Conc: 3.55 ng/ml



#15 AR-1232-5

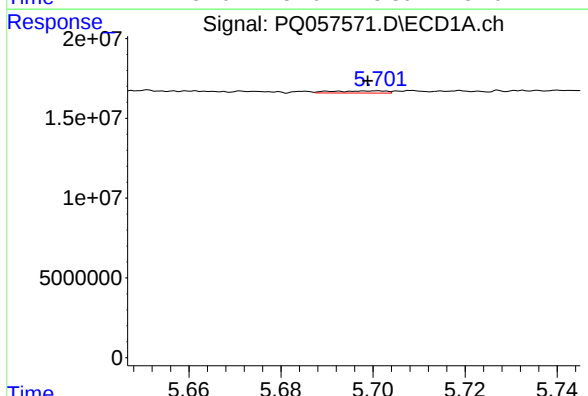
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 528988
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



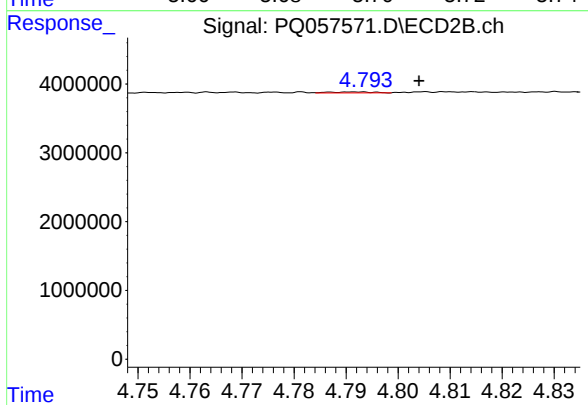
#15 AR-1232-5

R.T.: 5.276 min
Delta R.T.: 0.033 min
Response: 6196495
Conc: 40.82 ng/ml



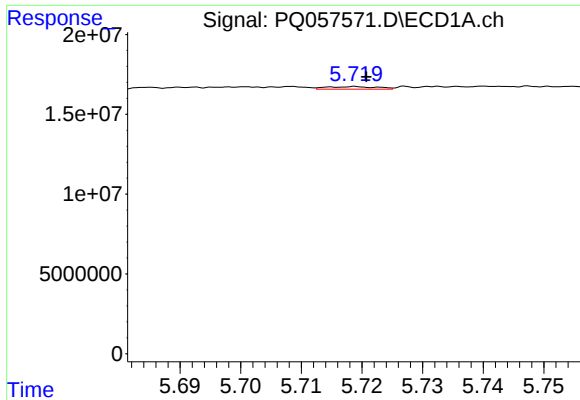
#16 AR-1242-1

R.T.: 5.701 min
Delta R.T.: 0.002 min
Response: 1126757
Conc: 1.91 ng/ml



#16 AR-1242-1

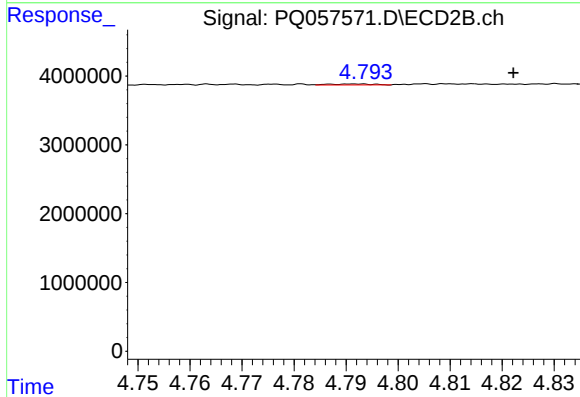
R.T.: 4.792 min
Delta R.T.: -0.012 min
Response: 86680
Conc: 0.29 ng/ml



#17 AR-1242-2

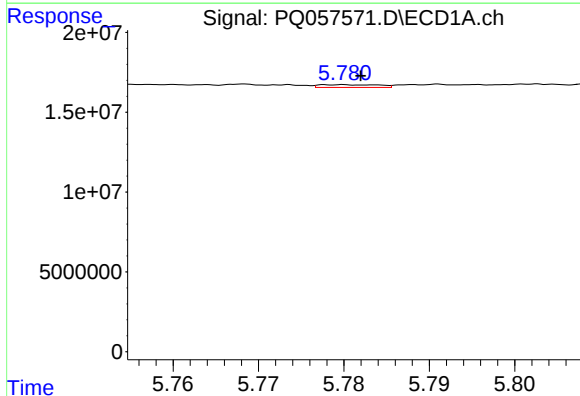
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 941696
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



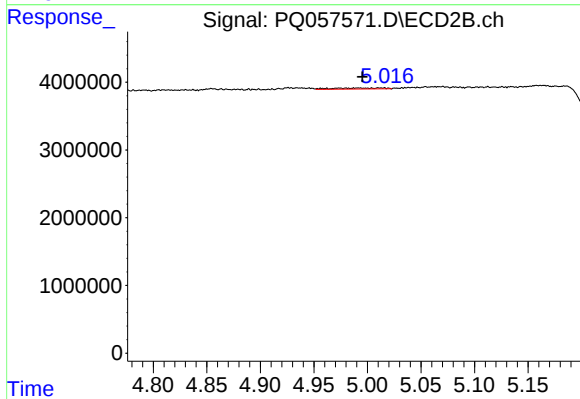
#17 AR-1242-2

R.T.: 4.792 min
Delta R.T.: -0.030 min
Response: 86680
Conc: 0.14 ng/ml



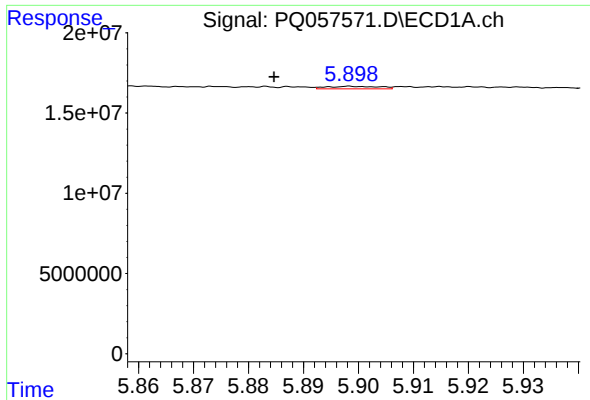
#18 AR-1242-3

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 846150
Conc: 0.91 ng/ml



#18 AR-1242-3

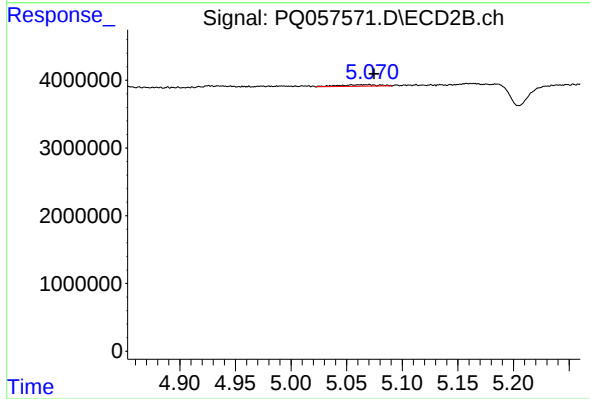
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 490376
Conc: 1.84 ng/ml



#19 AR-1242-4

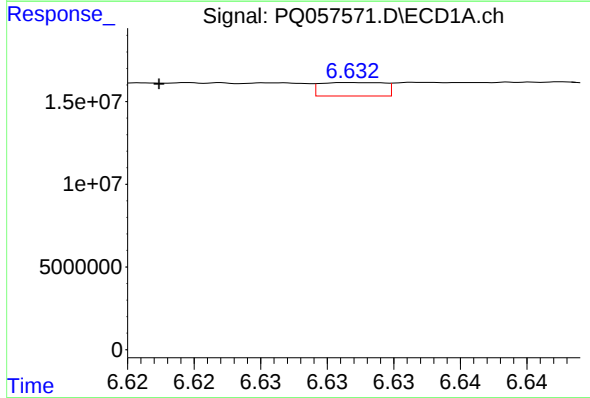
R.T.: 5.899 min
Delta R.T.: 0.014 min
Response: 1037953
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



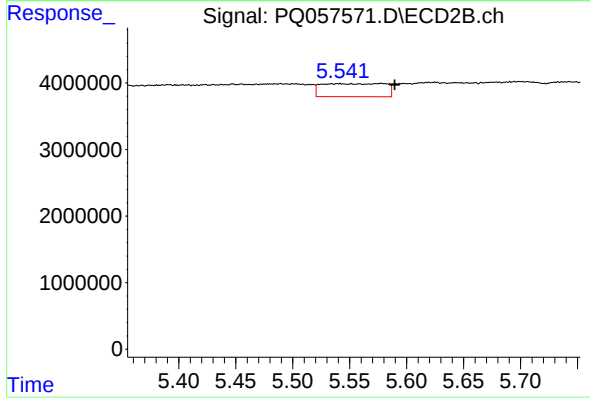
#19 AR-1242-4

R.T.: 5.070 min
Delta R.T.: -0.005 min
Response: 529902
Conc: 1.92 ng/ml



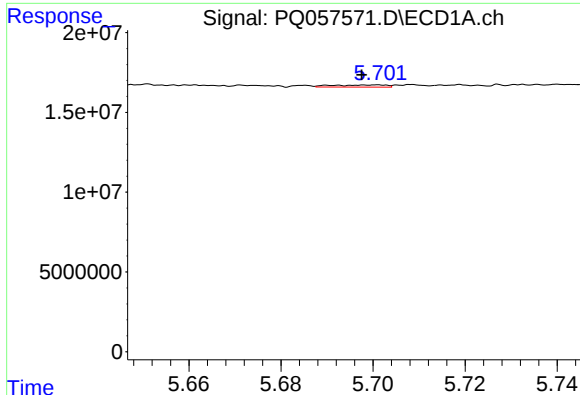
#20 AR-1242-5

R.T.: 6.632 min
Delta R.T.: 0.015 min
Response: 2689525
Conc: 3.88 ng/ml



#20 AR-1242-5

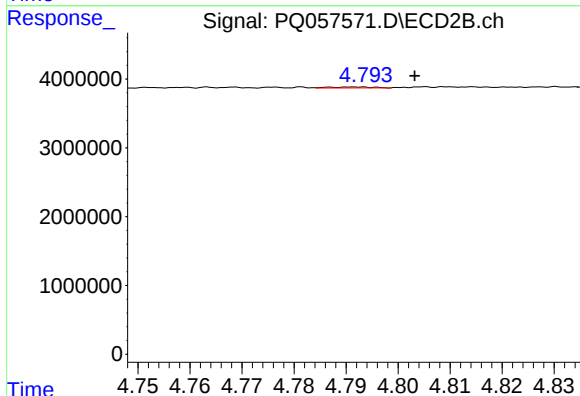
R.T.: 5.577 min
Delta R.T.: -0.012 min
Response: 7627888
Conc: 21.50 ng/ml



#21 AR-1248-1

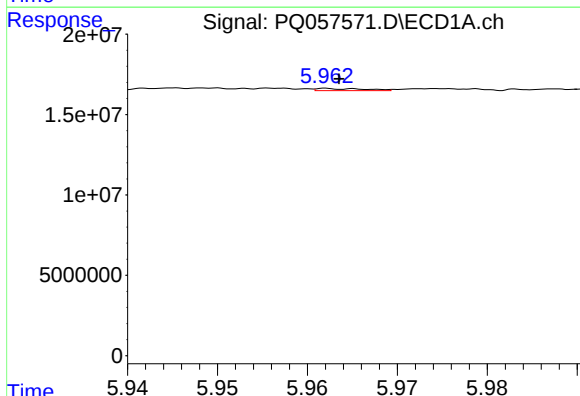
R.T.: 5.701 min
Delta R.T.: 0.004 min
Response: 1126757
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



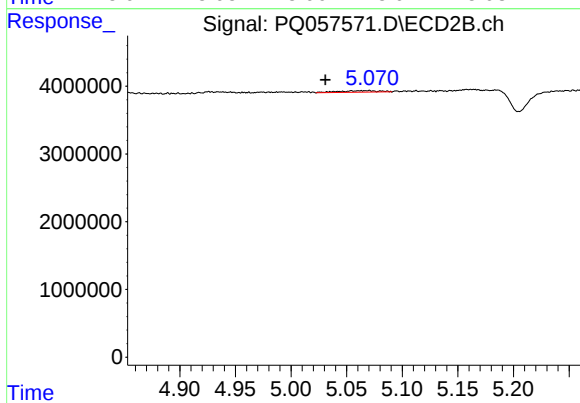
#21 AR-1248-1

R.T.: 4.792 min
Delta R.T.: -0.011 min
Response: 86680
Conc: 0.38 ng/ml



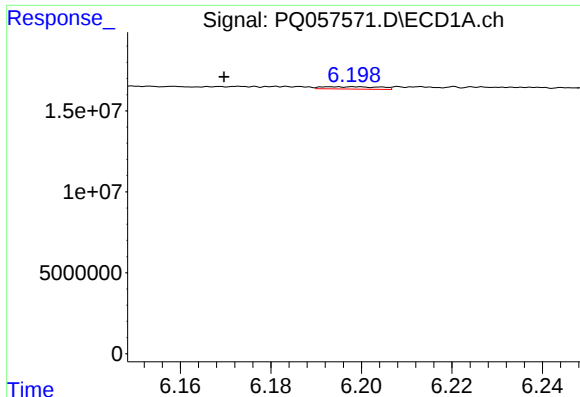
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: -0.001 min
Response: 528988
Conc: 0.67 ng/ml



#22 AR-1248-2

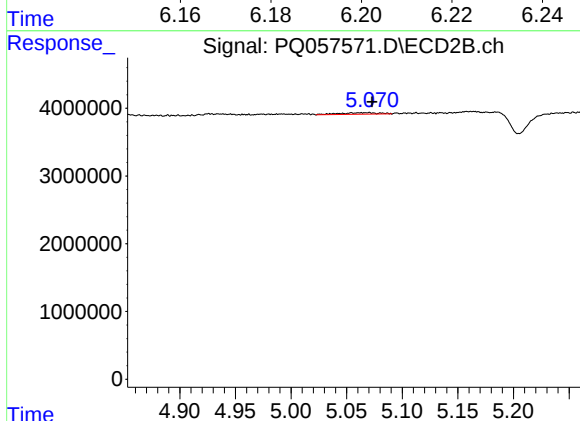
R.T.: 5.070 min
Delta R.T.: 0.039 min
Response: 529902
Conc: 1.34 ng/ml



#23 AR-1248-3

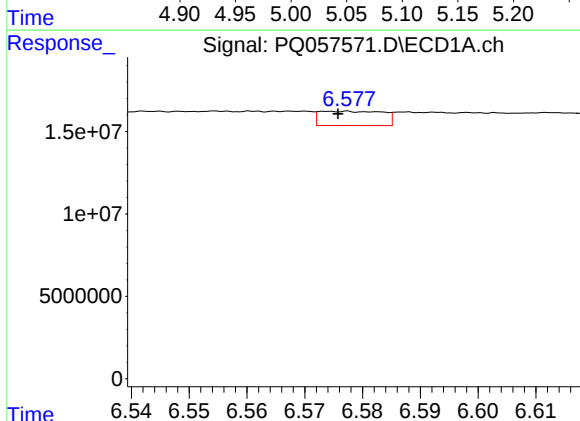
R.T.: 6.193 min
Delta R.T.: 0.024 min
Response: 1261531
Conc: 1.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



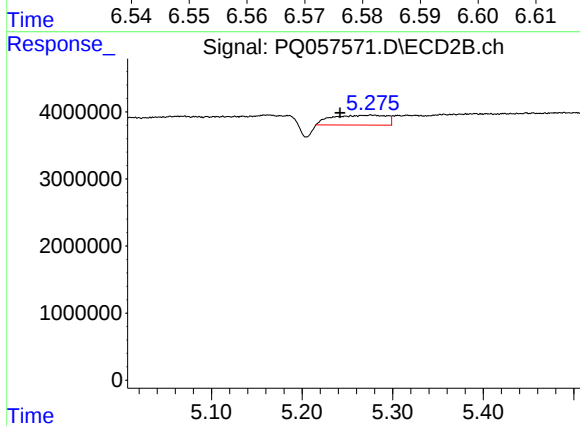
#23 AR-1248-3

R.T.: 5.070 min
Delta R.T.: -0.003 min
Response: 529902
Conc: 1.30 ng/ml



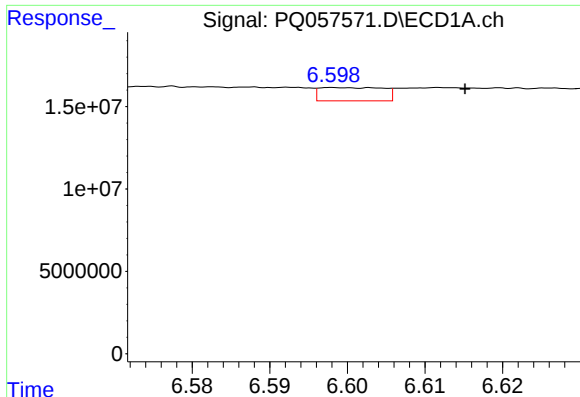
#24 AR-1248-4

R.T.: 6.577 min
Delta R.T.: 0.002 min
Response: 6611311
Conc: 6.47 ng/ml



#24 AR-1248-4

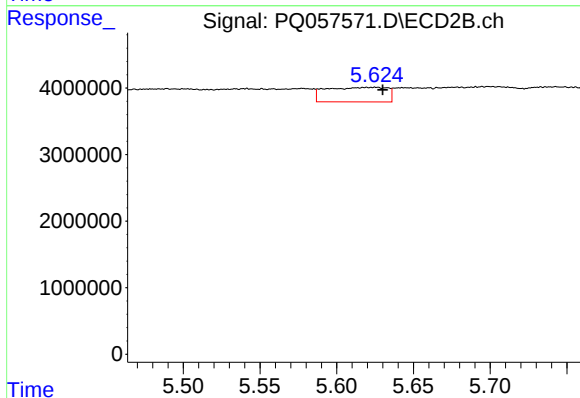
R.T.: 5.276 min
Delta R.T.: 0.034 min
Response: 6196495
Conc: 12.88 ng/ml



#25 AR-1248-5

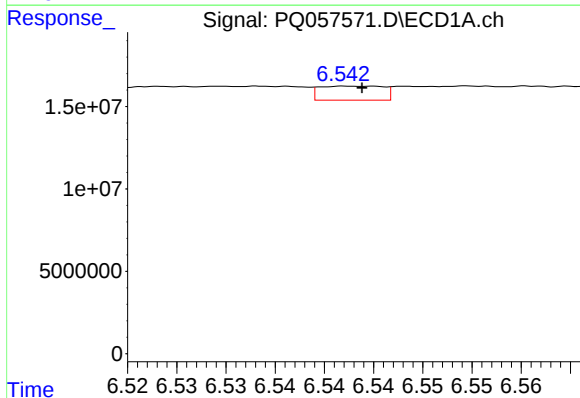
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 4607311
Conc: 4.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



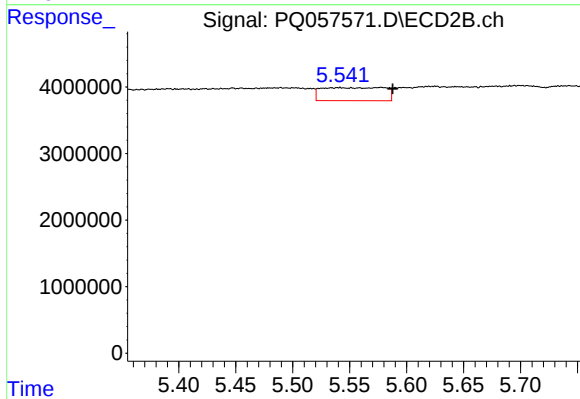
#25 AR-1248-5

R.T.: 5.623 min
Delta R.T.: -0.007 min
Response: 6097866
Conc: 12.22 ng/ml



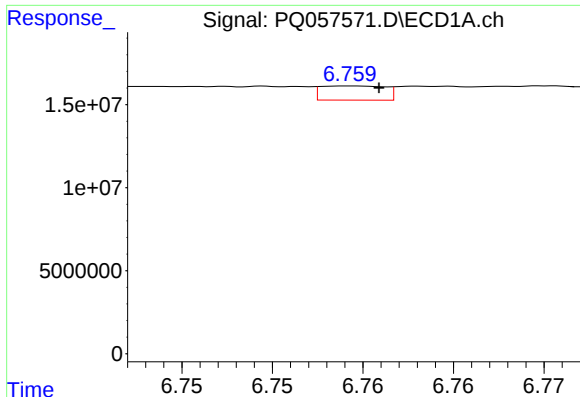
#26 AR-1254-1

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 3856526
Conc: 4.33 ng/ml



#26 AR-1254-1

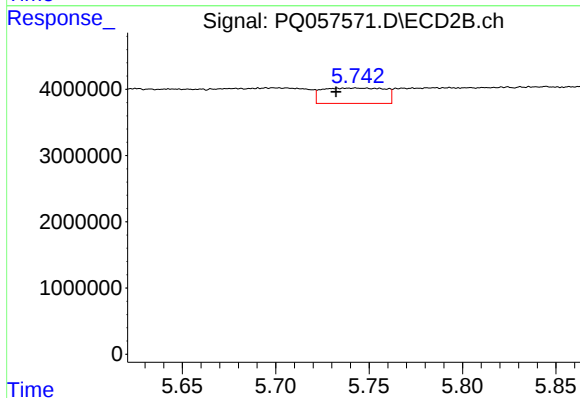
R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 7627888
Conc: 10.03 ng/ml



#27 AR-1254-2

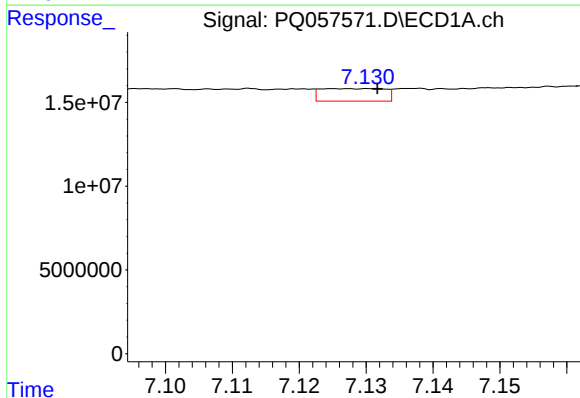
R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 2106338
Conc: 1.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



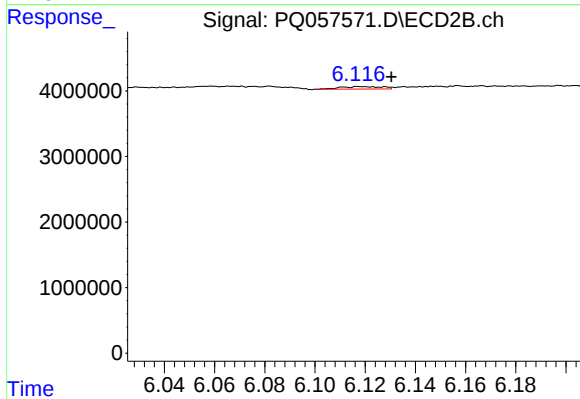
#27 AR-1254-2

R.T.: 5.743 min
Delta R.T.: 0.011 min
Response: 5423808
Conc: 8.82 ng/ml



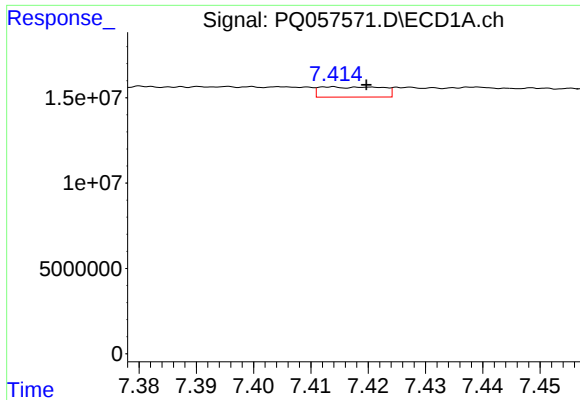
#28 AR-1254-3

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 4984934
Conc: 2.98 ng/ml



#28 AR-1254-3

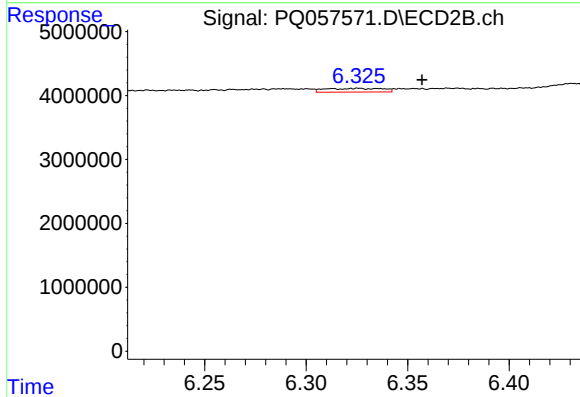
R.T.: 6.119 min
Delta R.T.: -0.011 min
Response: 433591
Conc: 0.42 ng/ml



#29 AR-1254-4

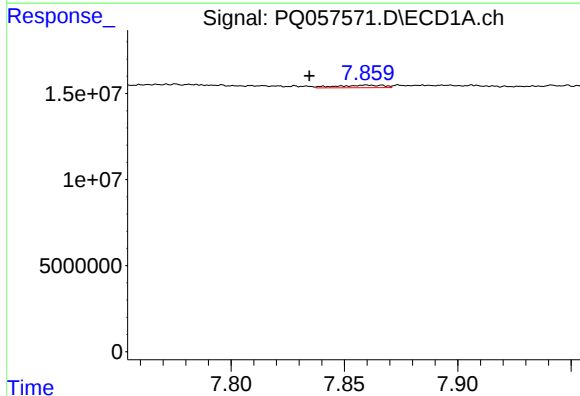
R.T.: 7.414 min
Delta R.T.: -0.006 min
Response: 4551310
Conc: 4.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



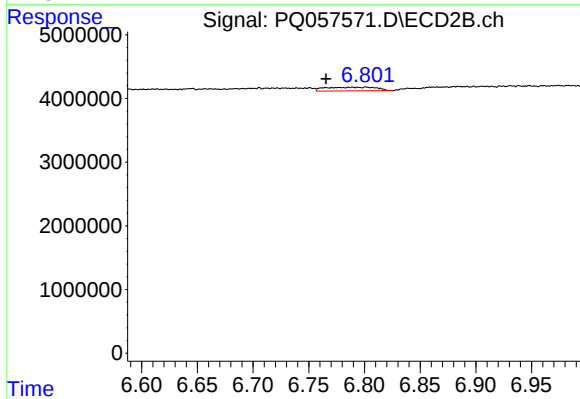
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: -0.044 min
Response: 1120885
Conc: 1.48 ng/ml



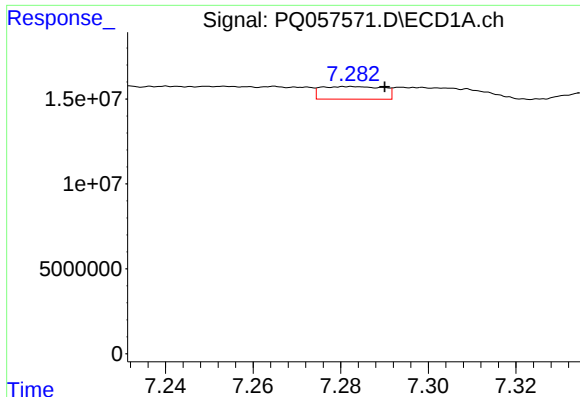
#30 AR-1254-5

R.T.: 7.860 min
Delta R.T.: 0.025 min
Response: 2085779
Conc: 1.67 ng/ml



#30 AR-1254-5

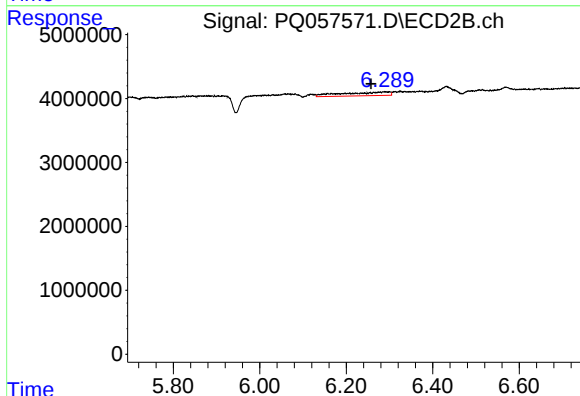
R.T.: 6.801 min
Delta R.T.: 0.036 min
Response: 1854090
Conc: 1.99 ng/ml



#31 AR-1260-1

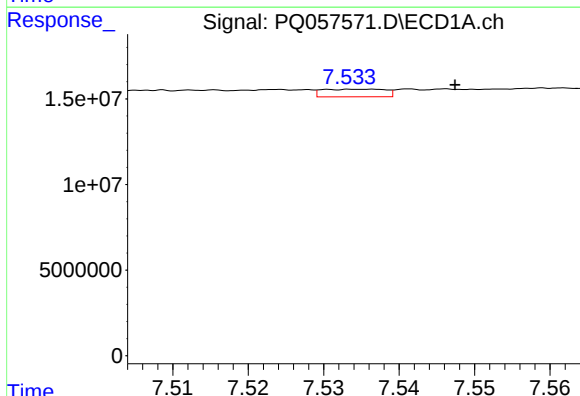
R.T.: 7.282 min
Delta R.T.: -0.008 min
Response: 7309070
Conc: 7.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



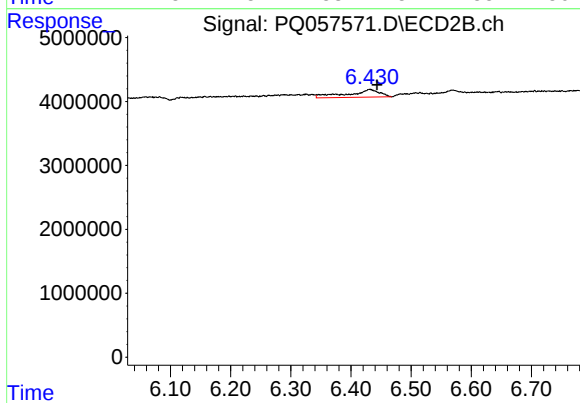
#31 AR-1260-1

R.T.: 6.289 min
Delta R.T.: 0.031 min
Response: 4225051
Conc: 7.14 ng/ml



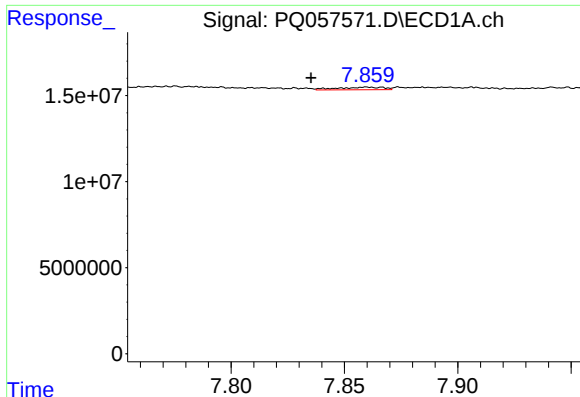
#32 AR-1260-2

R.T.: 7.537 min
Delta R.T.: -0.011 min
Response: 2598913
Conc: 2.19 ng/ml



#32 AR-1260-2

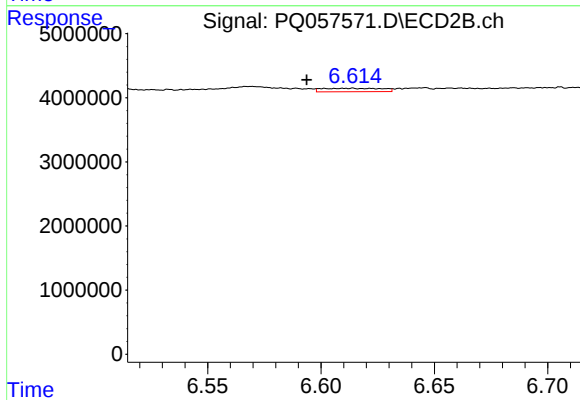
R.T.: 6.432 min
Delta R.T.: -0.012 min
Response: 4332086
Conc: 6.00 ng/ml



#33 AR-1260-3

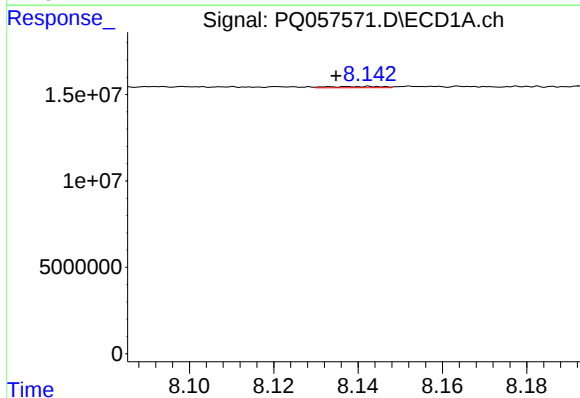
R.T.: 7.860 min
Delta R.T.: 0.025 min
Response: 2085779
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



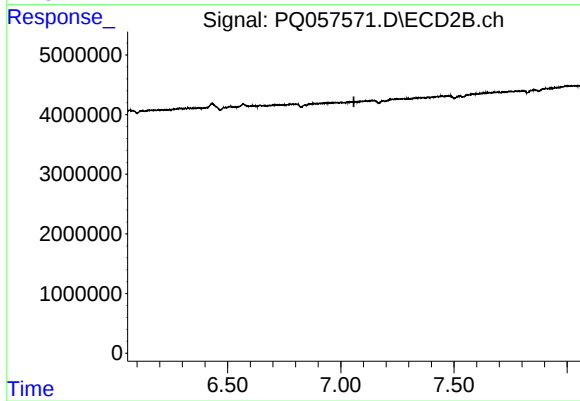
#33 AR-1260-3

R.T.: 6.613 min
Delta R.T.: 0.019 min
Response: 989833
Conc: 1.35 ng/ml



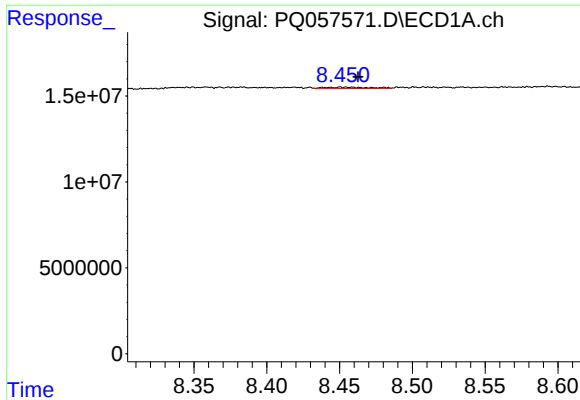
#34 AR-1260-4

R.T.: 8.143 min
Delta R.T.: 0.008 min
Response: 628198
Conc: 0.58 ng/ml



#34 AR-1260-4

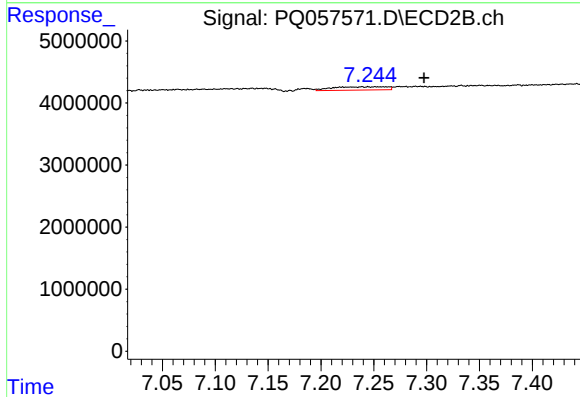
R.T.: 0.000 min
Exp R.T. : 7.058 min
Response: 0
Conc: N.D.



#35 AR-1260-5

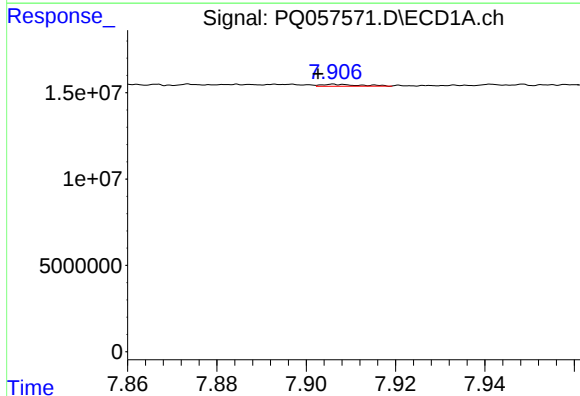
R.T.: 8.451 min
Delta R.T.: -0.012 min
Response: 1752348
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



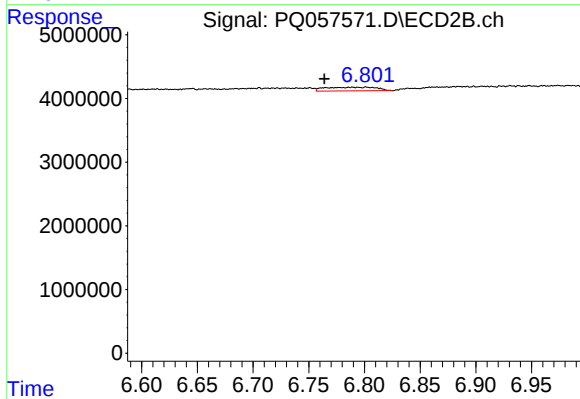
#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: -0.042 min
Response: 1874985
Conc: 1.34 ng/ml



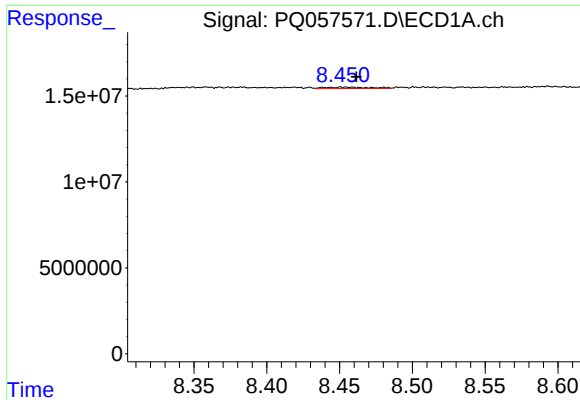
#36 AR-1262-1

R.T.: 7.907 min
Delta R.T.: 0.004 min
Response: 689342
Conc: 0.49 ng/ml



#36 AR-1262-1

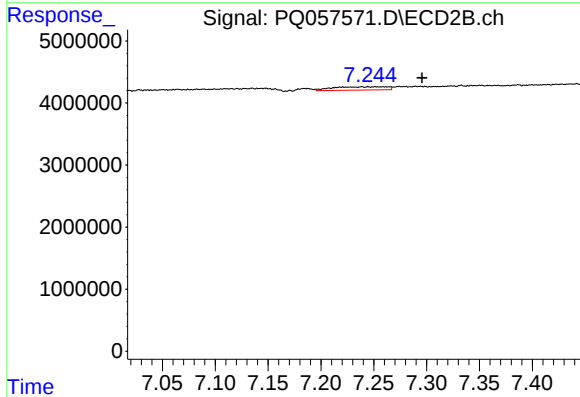
R.T.: 6.801 min
Delta R.T.: 0.037 min
Response: 1854090
Conc: 3.94 ng/ml



#37 AR-1262-2

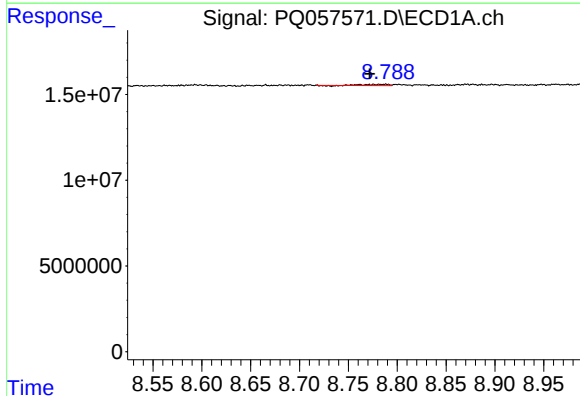
R.T.: 8.451 min
Delta R.T.: -0.011 min
Response: 1752348
Conc: 0.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



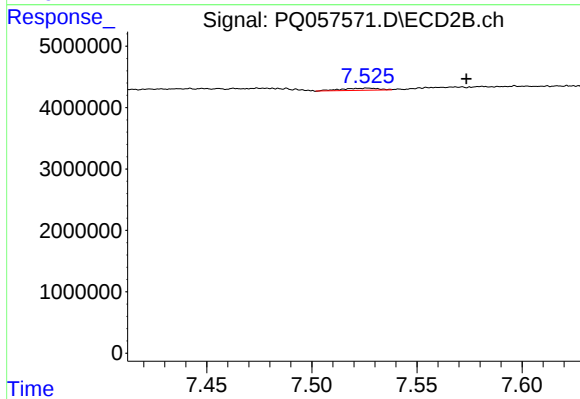
#37 AR-1262-2

R.T.: 7.255 min
Delta R.T.: -0.040 min
Response: 1874985
Conc: 1.05 ng/ml



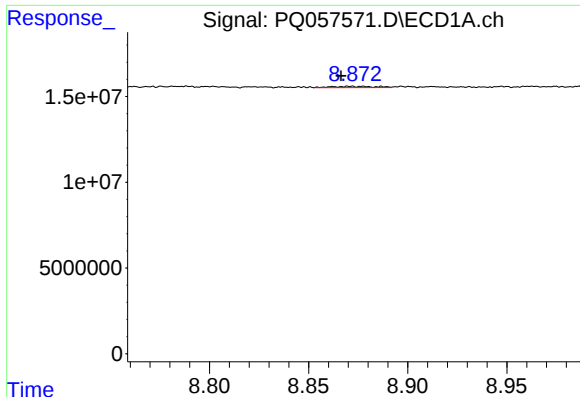
#38 AR-1262-3

R.T.: 8.776 min
Delta R.T.: 0.004 min
Response: 1263130
Conc: 0.97 ng/ml



#38 AR-1262-3

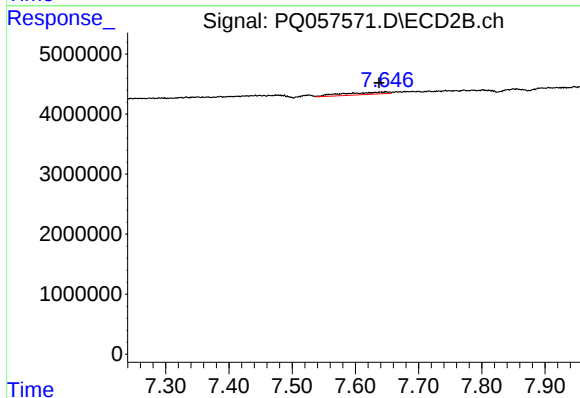
R.T.: 7.526 min
Delta R.T.: -0.047 min
Response: 419161
Conc: 0.58 ng/ml



#39 AR-1262-4

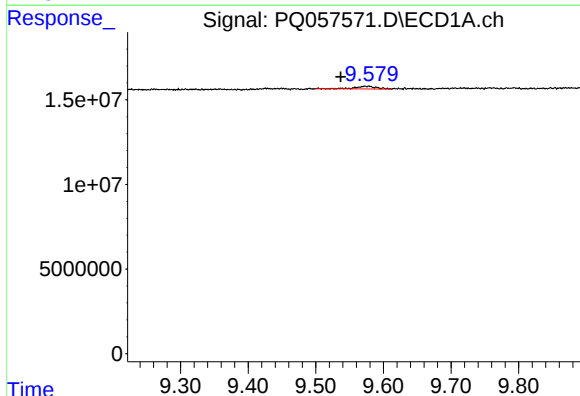
R.T.: 8.871 min
Delta R.T.: 0.004 min
Response: 1117649
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



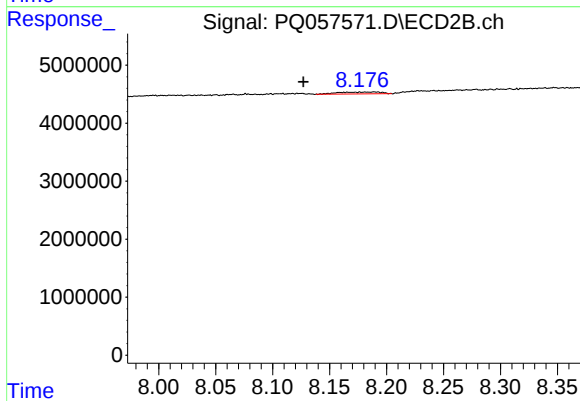
#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: 0.012 min
Response: 1834220
Conc: 1.41 ng/ml



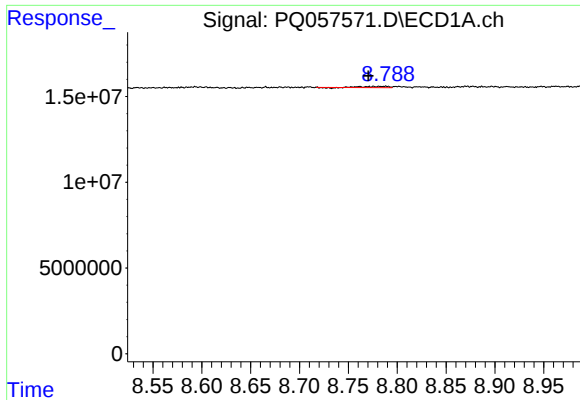
#40 AR-1262-5

R.T.: 9.579 min
Delta R.T.: 0.042 min
Response: 3331589
Conc: 2.75 ng/ml



#40 AR-1262-5

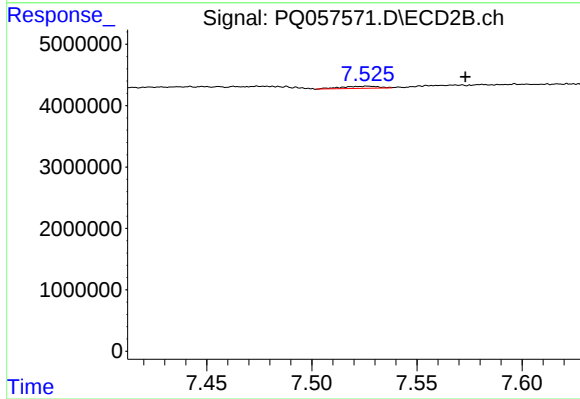
R.T.: 8.188 min
Delta R.T.: 0.061 min
Response: 812595
Conc: 1.43 ng/ml



#41 AR-1268-1

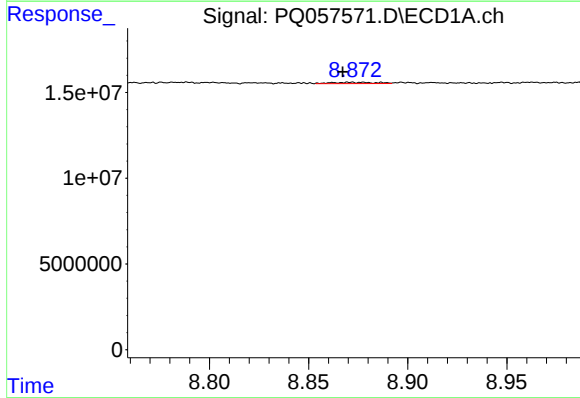
R.T.: 8.776 min
Delta R.T.: 0.005 min
Response: 1263130
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



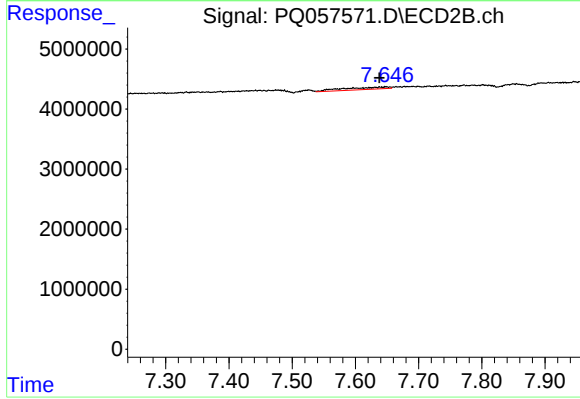
#41 AR-1268-1

R.T.: 7.526 min
Delta R.T.: -0.047 min
Response: 419161
Conc: 0.21 ng/ml



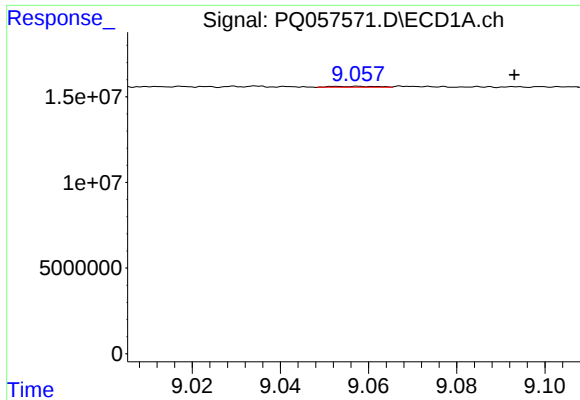
#42 AR-1268-2

R.T.: 8.871 min
Delta R.T.: 0.004 min
Response: 1117649
Conc: 0.30 ng/ml



#42 AR-1268-2

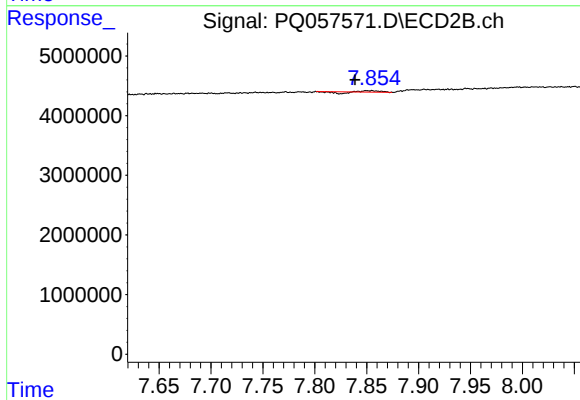
R.T.: 7.649 min
Delta R.T.: 0.011 min
Response: 1834220
Conc: 1.00 ng/ml



#43 AR-1268-3

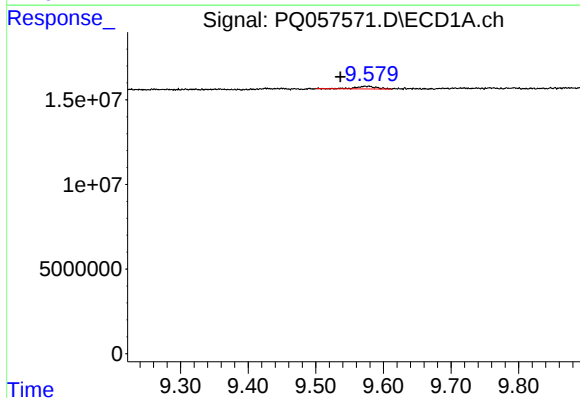
R.T.: 9.058 min
Delta R.T.: -0.035 min
Response: 378233
Conc: 0.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



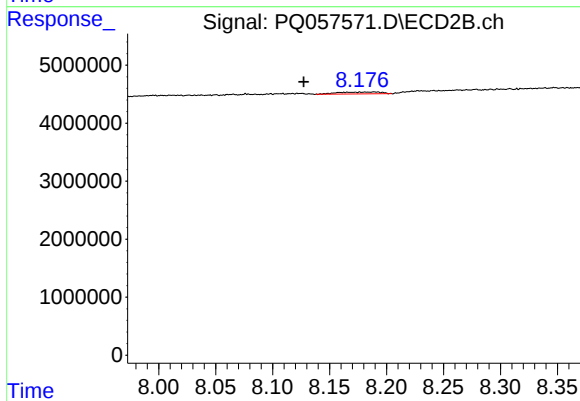
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: 0.014 min
Response: 7247
Conc: 0.00 ng/ml



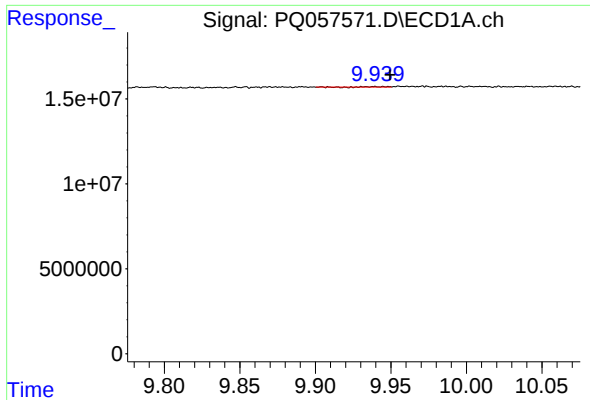
#44 AR-1268-4

R.T.: 9.579 min
Delta R.T.: 0.043 min
Response: 3331589
Conc: 2.54 ng/ml



#44 AR-1268-4

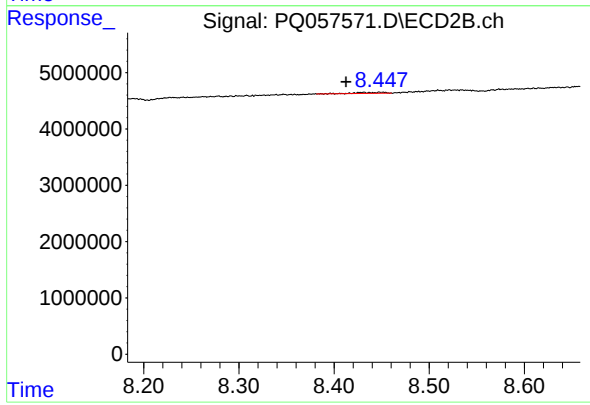
R.T.: 8.188 min
Delta R.T.: 0.061 min
Response: 812595
Conc: 1.30 ng/ml



#45 AR-1268-5

R.T.: 9.946 min
Delta R.T.: -0.004 min
Response: 116348
Conc: 0.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.430 min
Delta R.T.: 0.018 min
Response: 344111
Conc: 0.07 ng/ml