

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052522\
 Data File : PQ057733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2022 12:41
 Operator : YP\AJ
 Sample : AIBLK74
 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: May 26 00:58:39 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	3.740	706.1E6	274.3E6	20.665	20.623
2)	SA Decachlor...	10.272	8.653	1247.0E6	419.4E6	41.934	38.561
Target Compounds							
3)	L1 AR-1016-1	5.706	4.761f	541401	178893	0.809	0.522 #
4)	L1 AR-1016-2	5.717	4.850	392467	648838	0.261	0.950 #
5)	L1 AR-1016-3	5.779	5.011	869492	72674	0.871	0.250 #
6)	L1 AR-1016-4	5.869	5.036	1447483	217816	1.854	0.829 #
7)	L1 AR-1016-5	6.166	5.244	1008826	73886	1.613	0.233 #
8)	L2 AR-1221-1	4.744	0.000	593369	0	1.579	N.D. #
9)	L2 AR-1221-2	4.831	4.035	7973485	3217071	29.933	32.469
10)	L2 AR-1221-3	4.897	4.103	663825	131879	0.738	0.375 #
11)	L3 AR-1232-1	4.897	4.103	663825	131879	0.858	0.413 #
12)	L3 AR-1232-2	5.420	4.850	597209	648838	1.096	1.812 #
13)	L3 AR-1232-3	5.717	5.011	392467	72674	0.481	0.439
14)	L3 AR-1232-4	5.869	5.063	1447483	366030	3.754	2.450 #
15)	L3 AR-1232-5	5.965	5.244	362133	73886	0.657	0.487 #
16)	L4 AR-1242-1	5.706	4.761f	541401	178893	0.917	0.593 #
17)	L4 AR-1242-2	5.717	4.850	392467	648838	0.297	1.056 #
18)	L4 AR-1242-3	5.779	5.011	869492	72674	0.933	0.273 #
19)	L4 AR-1242-4	5.869	5.063	1447483	366030	2.082	1.330 #
20)	L4 AR-1242-5	6.642	5.614	1586833	1733795	2.290	4.888 #
21)	L5 AR-1248-1	5.706	4.761f	541401	178893	1.205	0.785 #
22)	L5 AR-1248-2	5.965	5.036	362133	217816	0.456	0.552
23)	L5 AR-1248-3	6.166	5.063	1008826	366030	1.080	0.895
24)	L5 AR-1248-4	6.557	5.244	2072990	73886	2.029	0.154 #
25)	L5 AR-1248-5	6.642	5.614	1586833	1733795	1.398	3.474 #
26)	L6 AR-1254-1	6.557	5.614	2072990	1733795	2.328	2.279
27)	L6 AR-1254-2	6.761	5.736	598598	654093	0.427	1.063 #
28)	L6 AR-1254-3	7.118	6.169f	972271	574006	0.580	0.556
29)	L6 AR-1254-4	7.413	6.305f	1468833	1017216	1.334	1.340
30)	L6 AR-1254-5	7.848	6.802f	1409282	959075	1.131	1.028
31)	L7 AR-1260-1	7.290	6.305f	2498119	1017216	2.509	1.718 #
32)	L7 AR-1260-2	7.563	6.435	2899453	1366709	2.440	1.893
33)	L7 AR-1260-3	7.848	6.564	1409282	490104	0.983	0.668 #
34)	L7 AR-1260-4	8.154	7.065	1686174	-15571	1.569	N.D. #
35)	L7 AR-1260-5	8.450	7.282	637961	956809	0.284	0.686 #
36)	L8 AR-1262-1	7.935	6.802f	303655	959075	0.216	2.039 #
37)	L8 AR-1262-2	8.450	7.282	637961	956809	0.230	0.535 #
38)	L8 AR-1262-3	8.783	7.520f	1994341	107007	1.539	0.148 #
39)	L8 AR-1262-4	8.869	7.648	291351	1072291	0.282	0.826 #
40)	L8 AR-1262-5	9.567	8.181f	27334836	544868	22.576	0.962 #
41)	L9 AR-1268-1	8.783	7.520f	1994341	107007	0.590	0.053 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052522\
Data File : PQ057733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2022 12:41
Operator : YP\AJ
Sample : AIBLK74
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: May 26 00:58:39 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

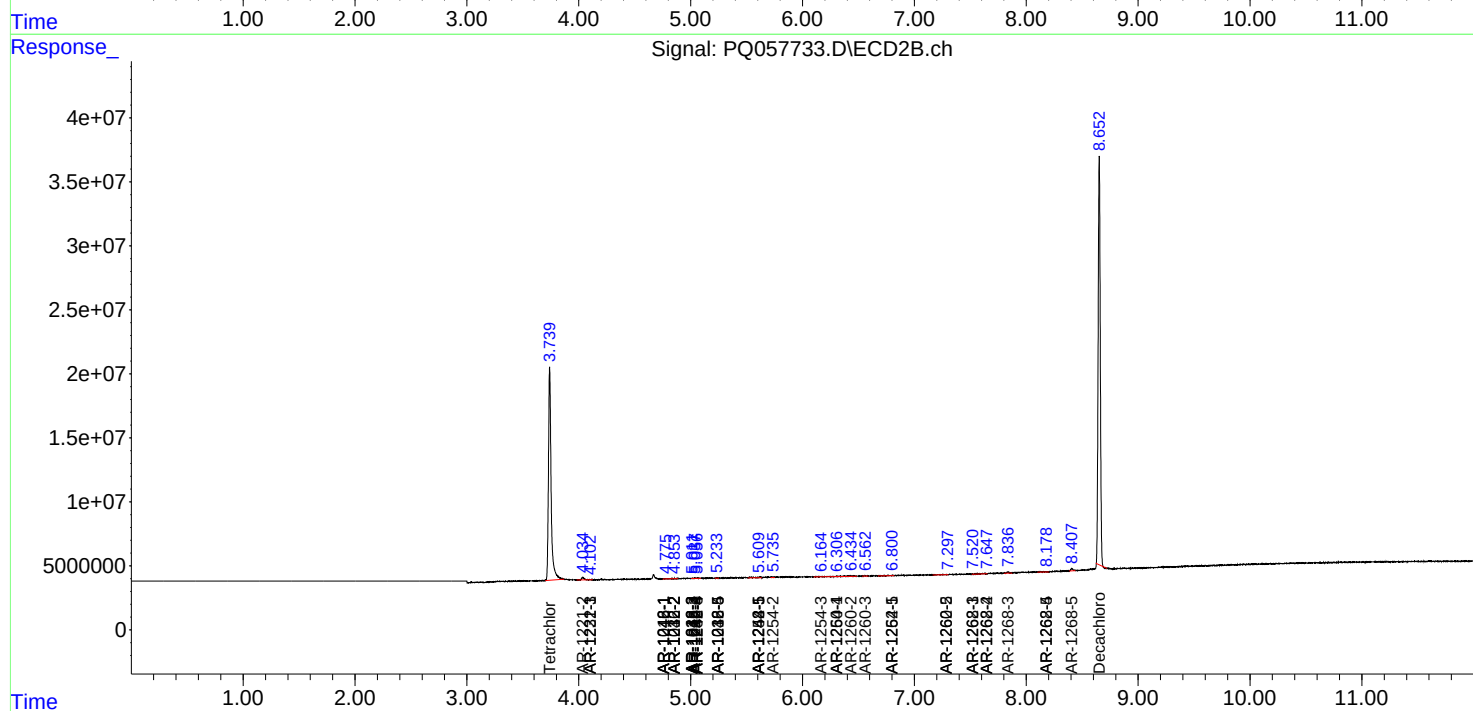
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

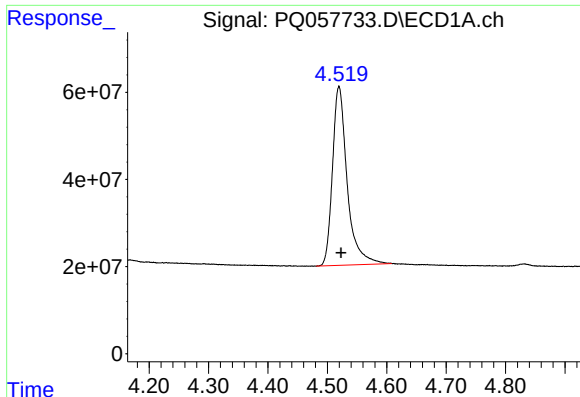
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.869	7.648	291351	1072291	0.079	0.586 #
43)	L9 AR-1268-3	9.086	7.834	3328673	1122115	1.050	0.738 #
44)	L9 AR-1268-4	9.567	8.181f	27334836	544868	20.816	0.875 #
45)	L9 AR-1268-5	9.940	8.408	8358953	2489430	0.738	0.516 #

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

Instrument :
ECD_Q
ClientSampleId :

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

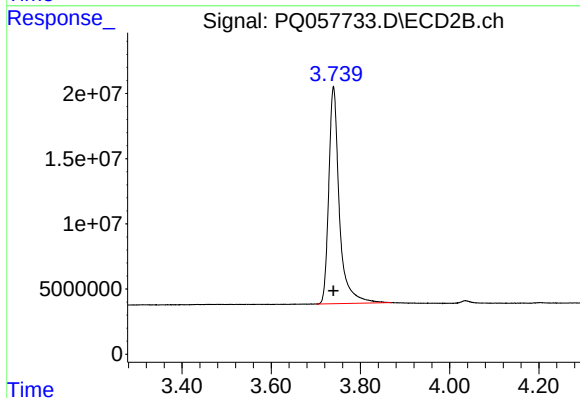




#1 Tetrachloro-m-xylene

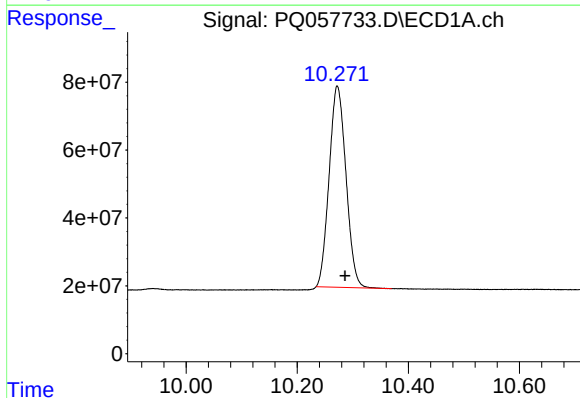
R.T.: 4.520 min
Delta R.T.: -0.003 min
Response: 706128086
Conc: 20.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



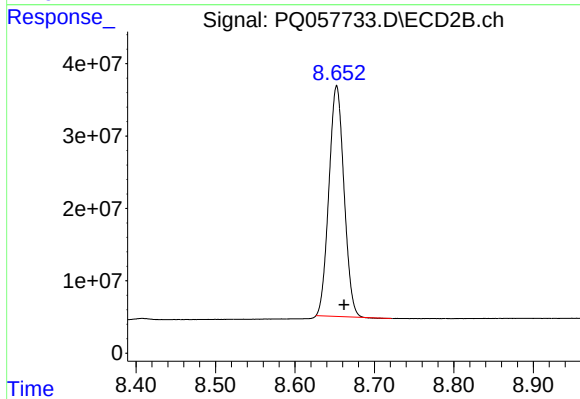
#1 Tetrachloro-m-xylene

R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 274289447
Conc: 20.62 ng/ml



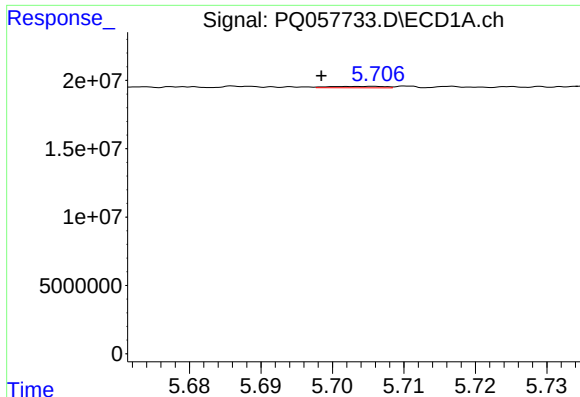
#2 Decachlorobiphenyl

R.T.: 10.272 min
Delta R.T.: -0.014 min
Response: 1247044962
Conc: 41.93 ng/ml



#2 Decachlorobiphenyl

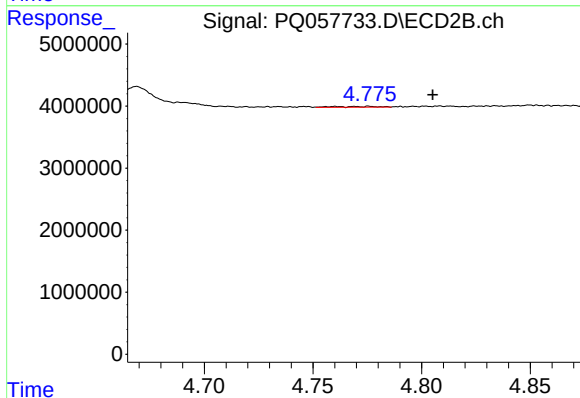
R.T.: 8.653 min
Delta R.T.: -0.009 min
Response: 419442881
Conc: 38.56 ng/ml



#3 AR-1016-1

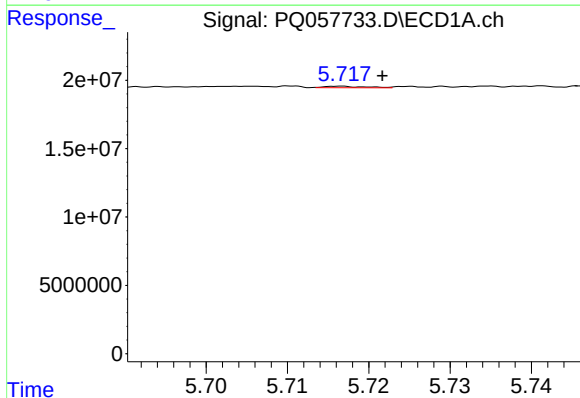
R.T.: 5.706 min
Delta R.T.: 0.007 min
Response: 541401
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



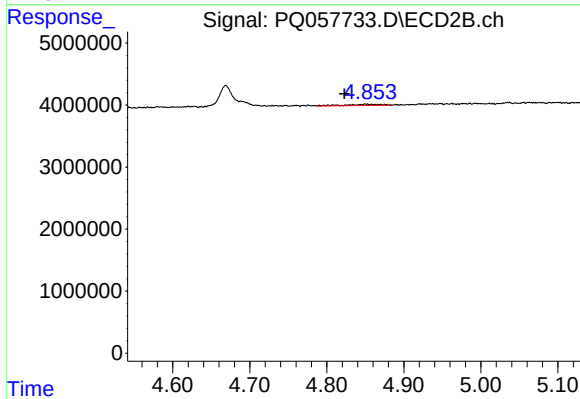
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: -0.044 min
Response: 178893
Conc: 0.52 ng/ml



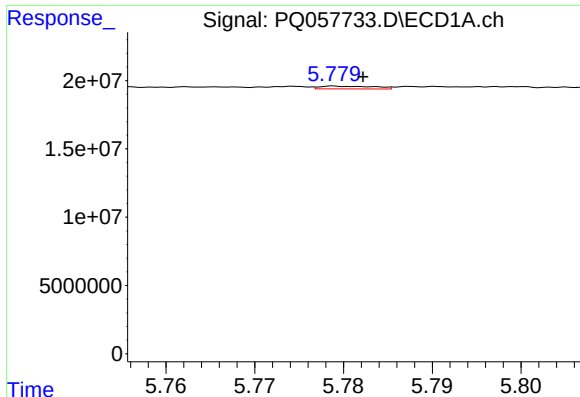
#4 AR-1016-2

R.T.: 5.717 min
Delta R.T.: -0.005 min
Response: 392467
Conc: 0.26 ng/ml



#4 AR-1016-2

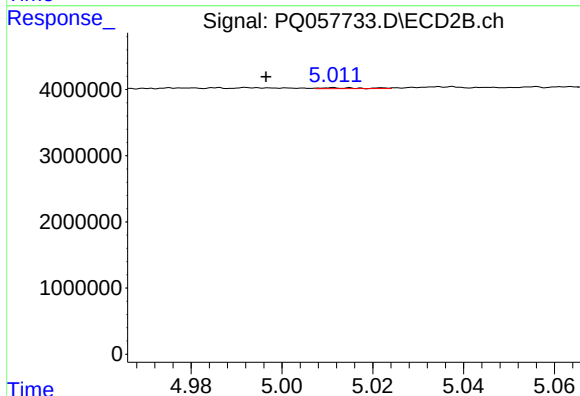
R.T.: 4.850 min
Delta R.T.: 0.027 min
Response: 648838
Conc: 0.95 ng/ml



#5 AR-1016-3

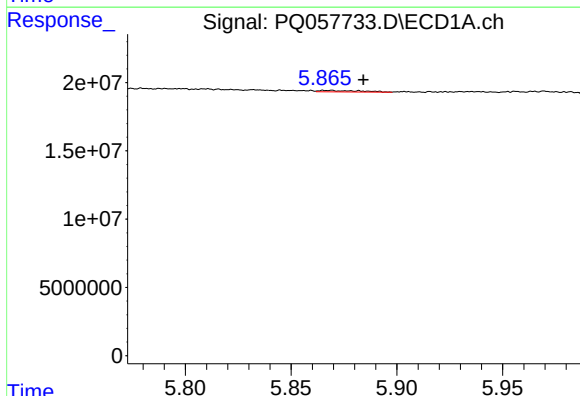
R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 869492
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



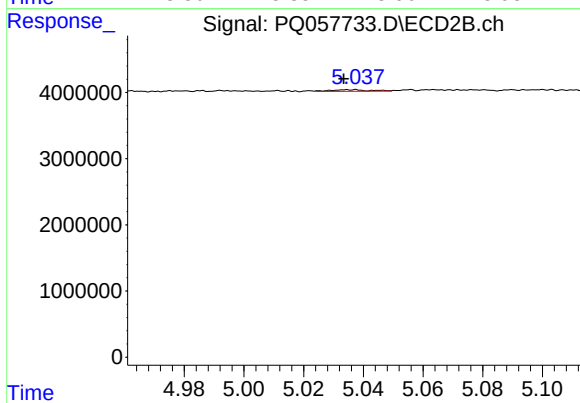
#5 AR-1016-3

R.T.: 5.011 min
Delta R.T.: 0.015 min
Response: 72674
Conc: 0.25 ng/ml



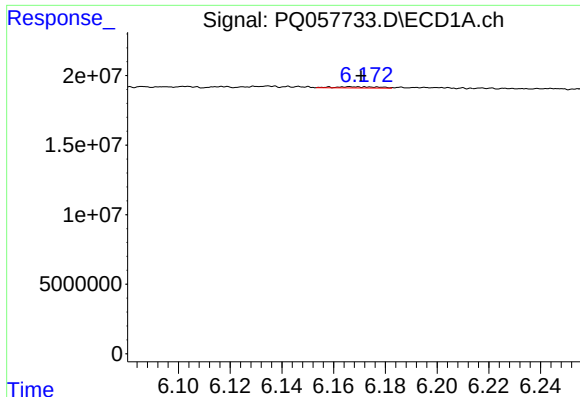
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: -0.015 min
Response: 1447483
Conc: 1.85 ng/ml



#6 AR-1016-4

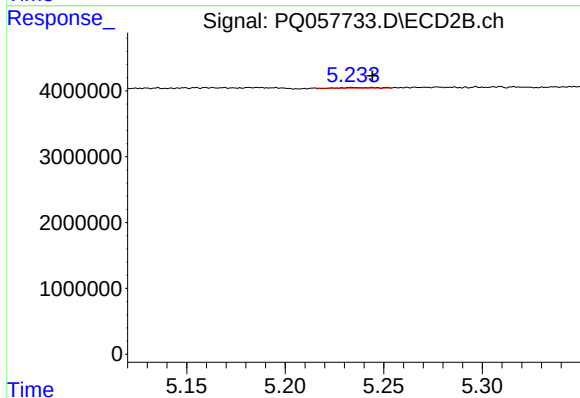
R.T.: 5.036 min
Delta R.T.: 0.003 min
Response: 217816
Conc: 0.83 ng/ml



#7 AR-1016-5

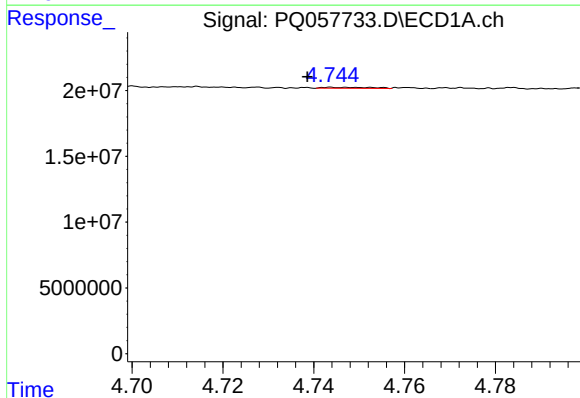
R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 1008826
Conc: 1.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



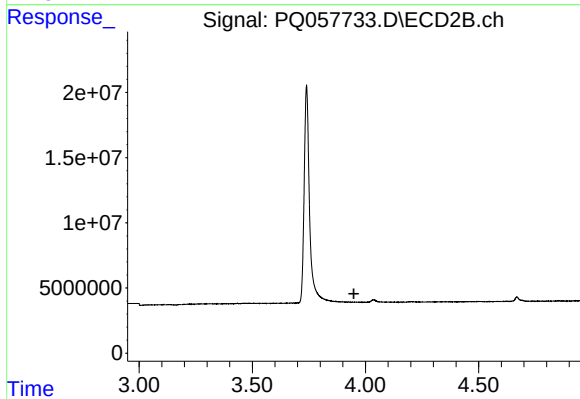
#7 AR-1016-5

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 73886
Conc: 0.23 ng/ml



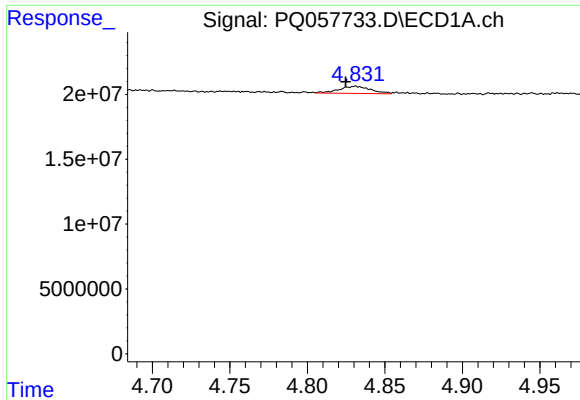
#8 AR-1221-1

R.T.: 4.744 min
Delta R.T.: 0.005 min
Response: 593369
Conc: 1.58 ng/ml



#8 AR-1221-1

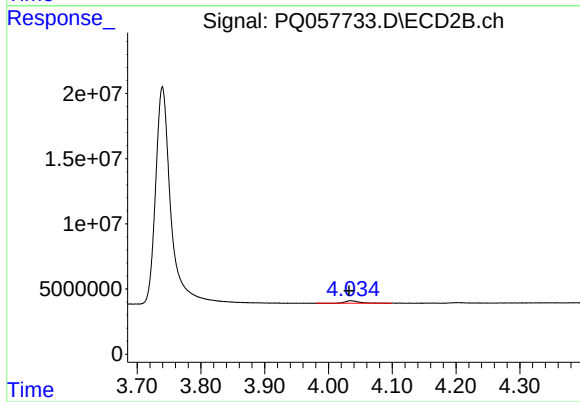
R.T.: 0.000 min
Exp R.T. : 3.949 min
Response: 0
Conc: N.D.



#9 AR-1221-2

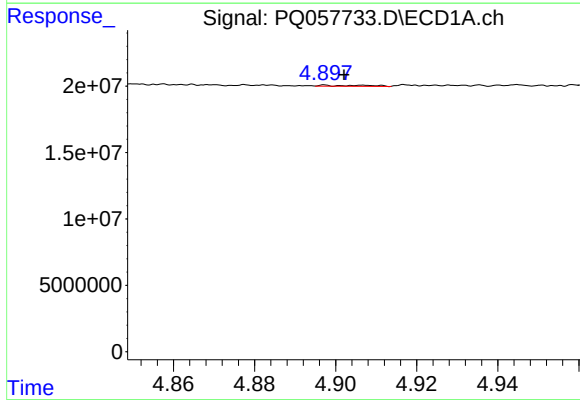
R.T.: 4.831 min
Delta R.T.: 0.006 min
Response: 7973485
Conc: 29.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



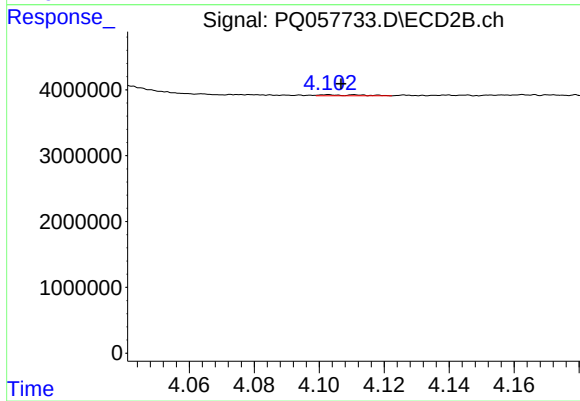
#9 AR-1221-2

R.T.: 4.035 min
Delta R.T.: 0.002 min
Response: 3217071
Conc: 32.47 ng/ml



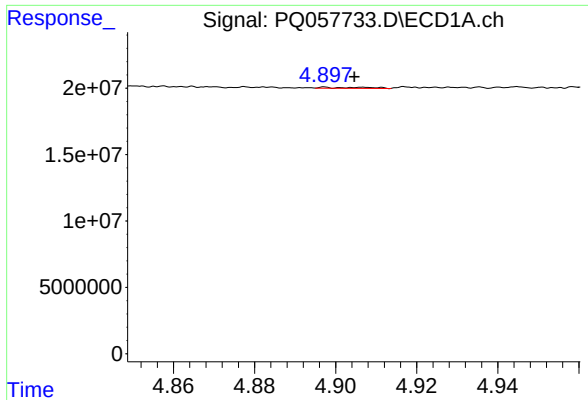
#10 AR-1221-3

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 663825
Conc: 0.74 ng/ml



#10 AR-1221-3

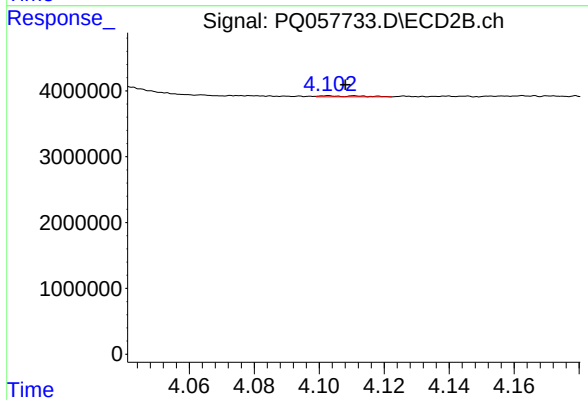
R.T.: 4.103 min
Delta R.T.: -0.004 min
Response: 131879
Conc: 0.38 ng/ml



#11 AR-1232-1

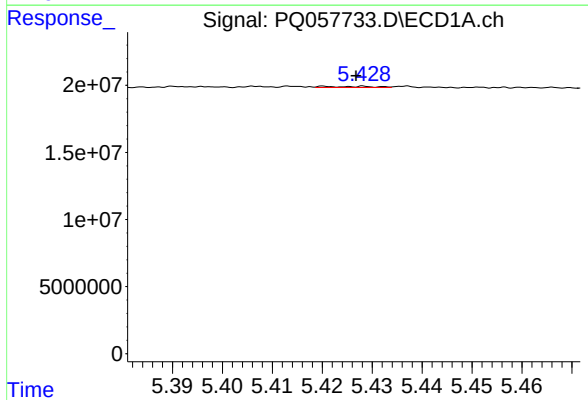
R.T.: 4.897 min
Delta R.T.: -0.007 min
Response: 663825
Conc: 0.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



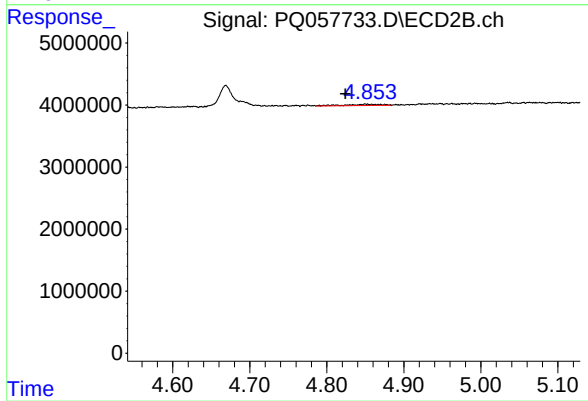
#11 AR-1232-1

R.T.: 4.103 min
Delta R.T.: -0.005 min
Response: 131879
Conc: 0.41 ng/ml



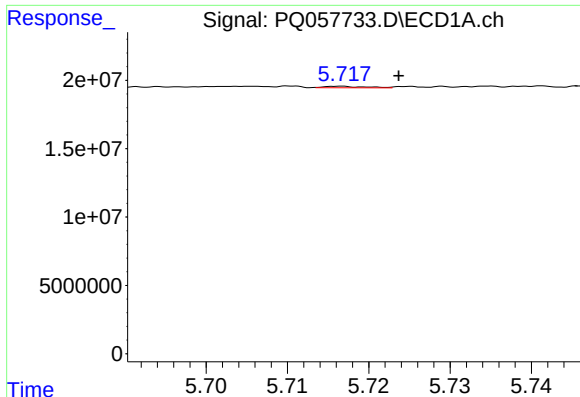
#12 AR-1232-2

R.T.: 5.420 min
Delta R.T.: -0.006 min
Response: 597209
Conc: 1.10 ng/ml



#12 AR-1232-2

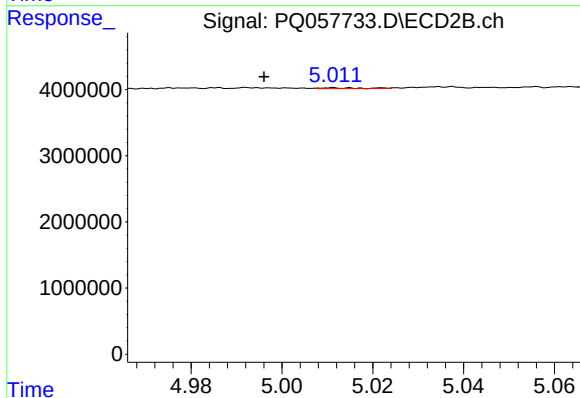
R.T.: 4.850 min
Delta R.T.: 0.026 min
Response: 648838
Conc: 1.81 ng/ml



#13 AR-1232-3

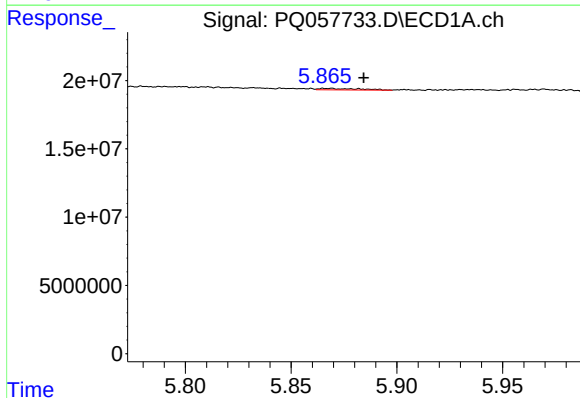
R.T.: 5.717 min
Delta R.T.: -0.007 min
Response: 392467
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



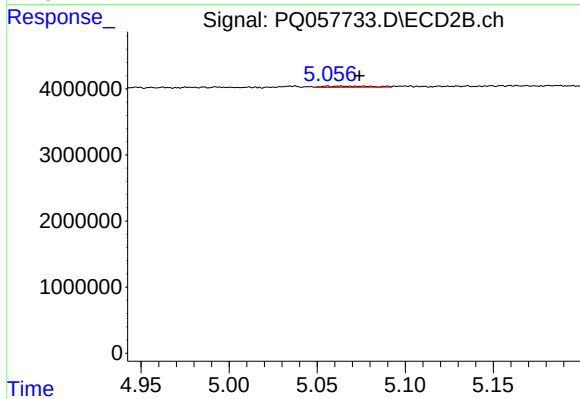
#13 AR-1232-3

R.T.: 5.011 min
Delta R.T.: 0.015 min
Response: 72674
Conc: 0.44 ng/ml



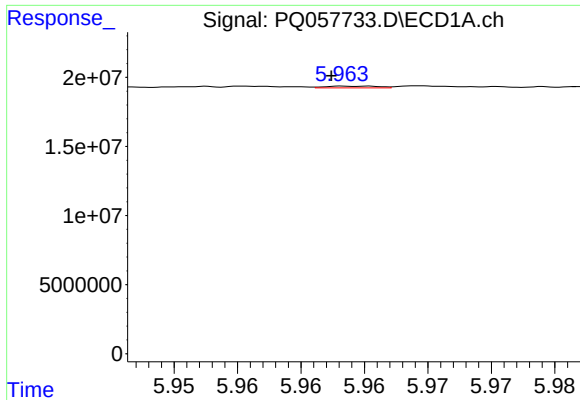
#14 AR-1232-4

R.T.: 5.869 min
Delta R.T.: -0.015 min
Response: 1447483
Conc: 3.75 ng/ml



#14 AR-1232-4

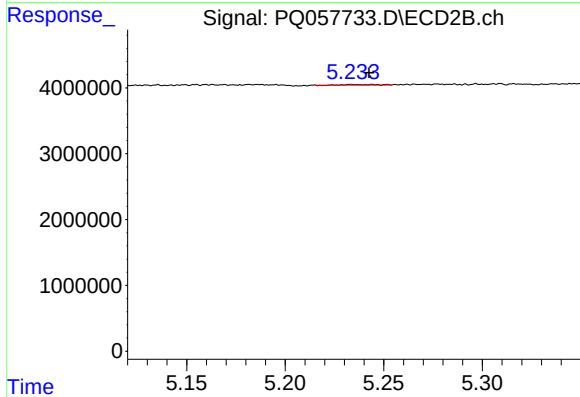
R.T.: 5.063 min
Delta R.T.: -0.010 min
Response: 366030
Conc: 2.45 ng/ml



#15 AR-1232-5

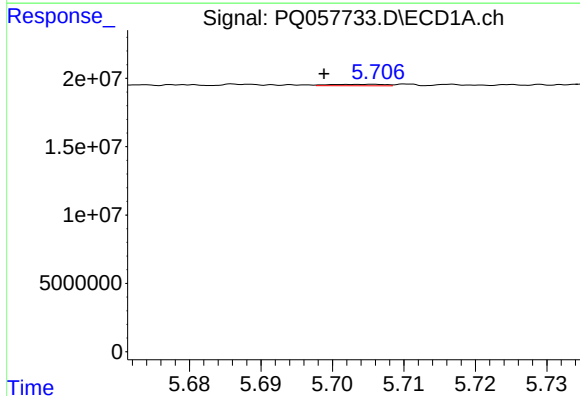
R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 362133
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



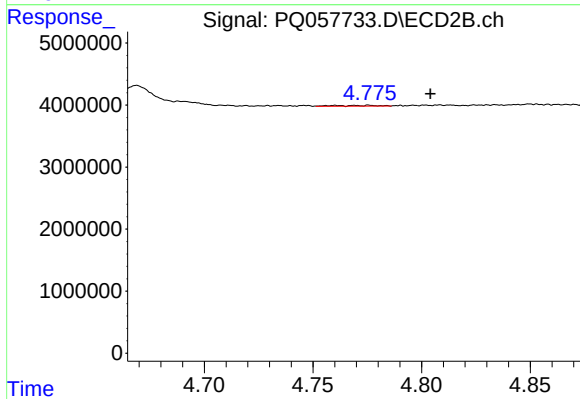
#15 AR-1232-5

R.T.: 5.244 min
Delta R.T.: 0.002 min
Response: 73886
Conc: 0.49 ng/ml



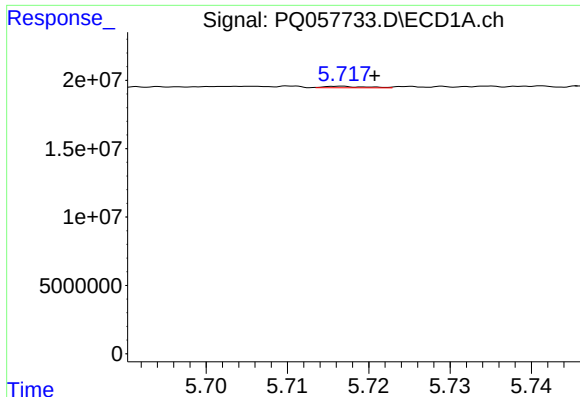
#16 AR-1242-1

R.T.: 5.706 min
Delta R.T.: 0.007 min
Response: 541401
Conc: 0.92 ng/ml



#16 AR-1242-1

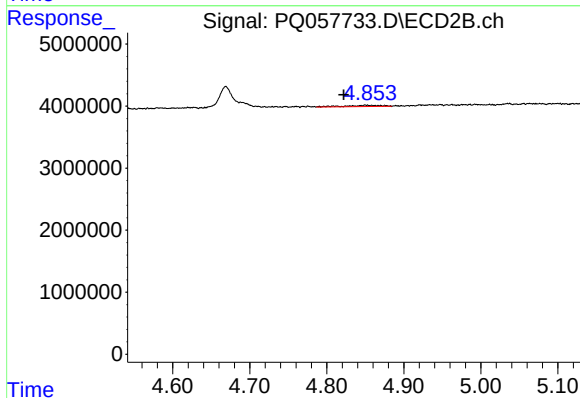
R.T.: 4.761 min
Delta R.T.: -0.043 min
Response: 178893
Conc: 0.59 ng/ml



#17 AR-1242-2

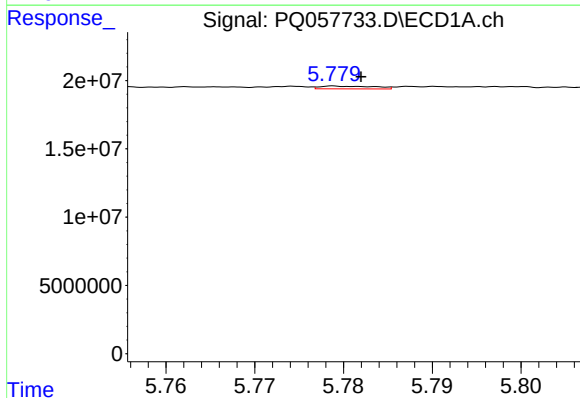
R.T.: 5.717 min
Delta R.T.: -0.004 min
Response: 392467
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



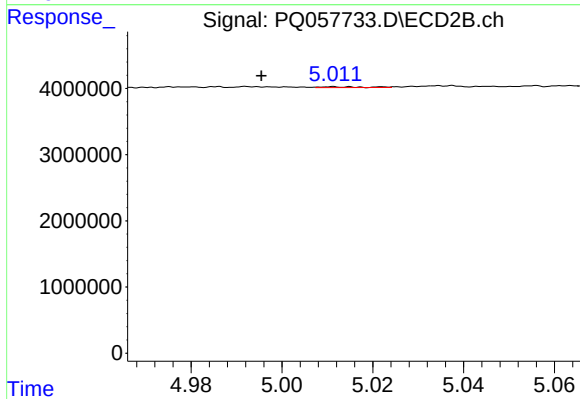
#17 AR-1242-2

R.T.: 4.850 min
Delta R.T.: 0.028 min
Response: 648838
Conc: 1.06 ng/ml



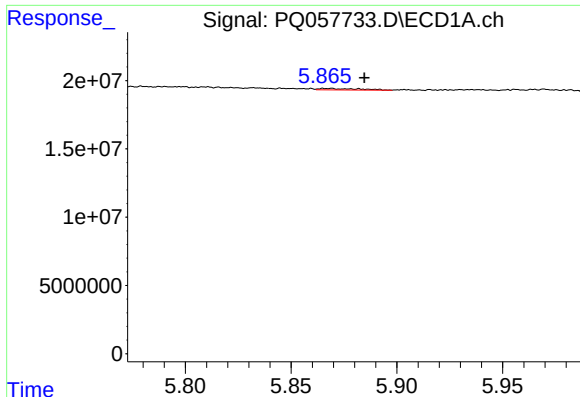
#18 AR-1242-3

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 869492
Conc: 0.93 ng/ml



#18 AR-1242-3

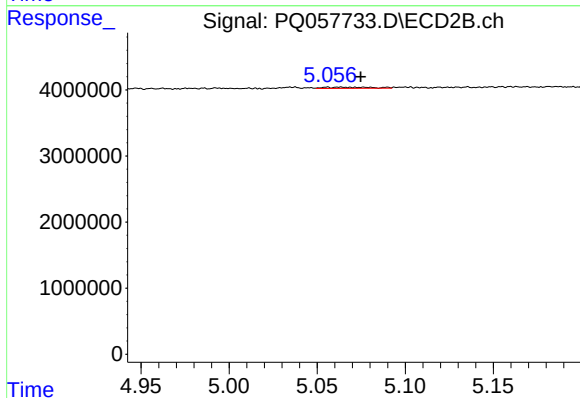
R.T.: 5.011 min
Delta R.T.: 0.016 min
Response: 72674
Conc: 0.27 ng/ml



#19 AR-1242-4

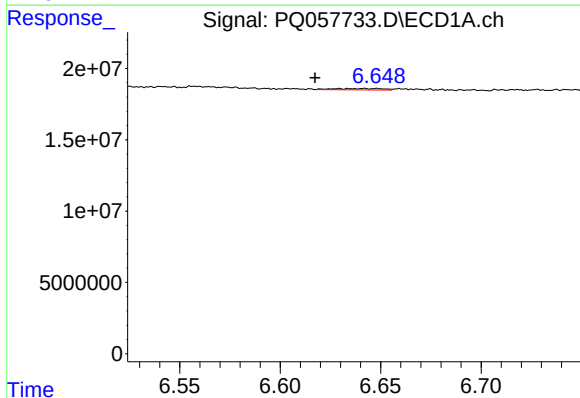
R.T.: 5.869 min
Delta R.T.: -0.015 min
Response: 1447483
Conc: 2.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



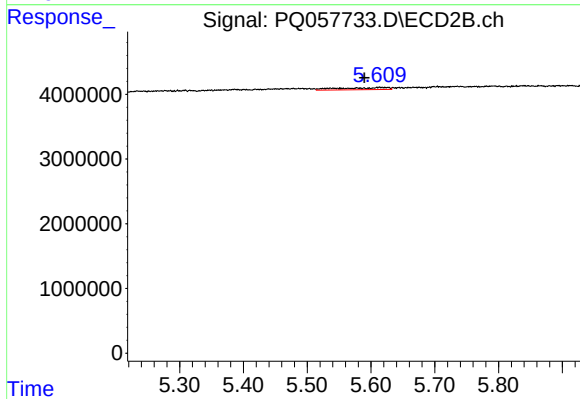
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.011 min
Response: 366030
Conc: 1.33 ng/ml



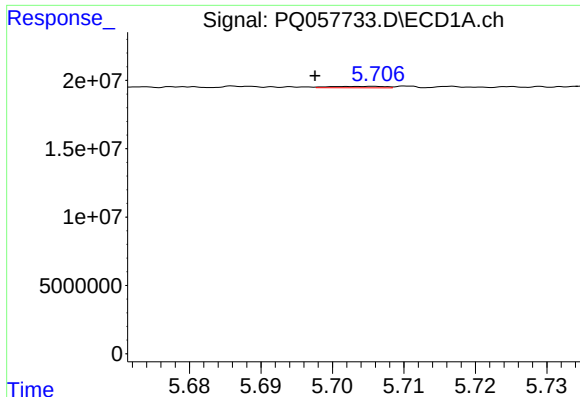
#20 AR-1242-5

R.T.: 6.642 min
Delta R.T.: 0.024 min
Response: 1586833
Conc: 2.29 ng/ml



#20 AR-1242-5

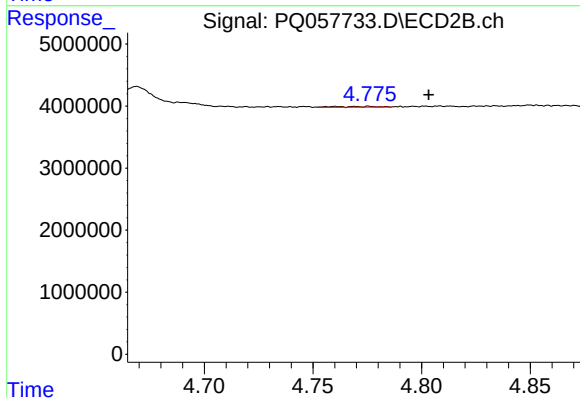
R.T.: 5.614 min
Delta R.T.: 0.024 min
Response: 1733795
Conc: 4.89 ng/ml



#21 AR-1248-1

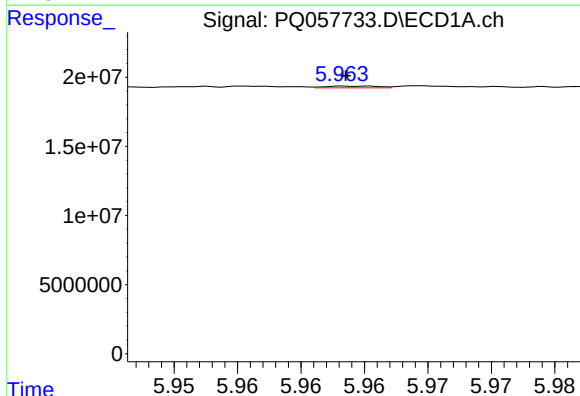
R.T.: 5.706 min
Delta R.T.: 0.008 min
Response: 541401
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



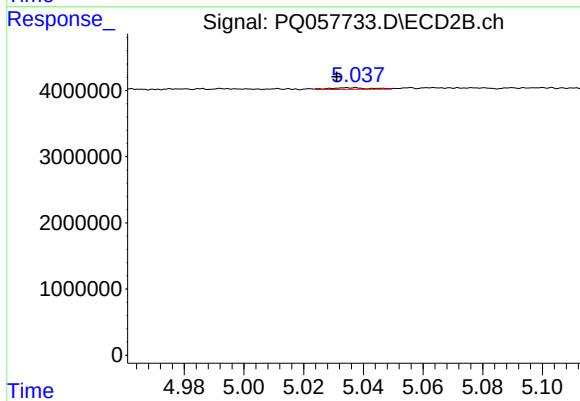
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.042 min
Response: 178893
Conc: 0.78 ng/ml



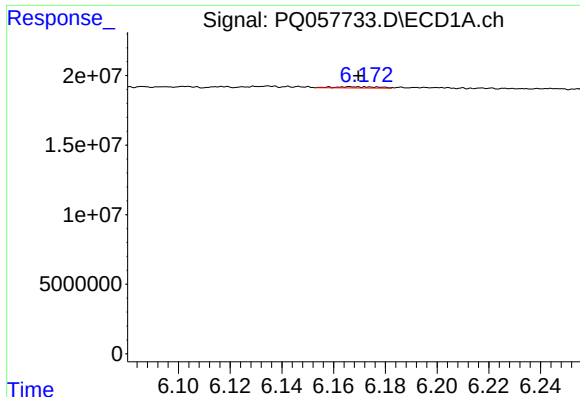
#22 AR-1248-2

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 362133
Conc: 0.46 ng/ml



#22 AR-1248-2

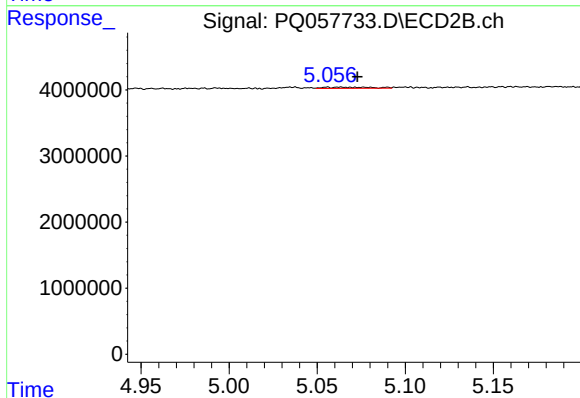
R.T.: 5.036 min
Delta R.T.: 0.005 min
Response: 217816
Conc: 0.55 ng/ml



#23 AR-1248-3

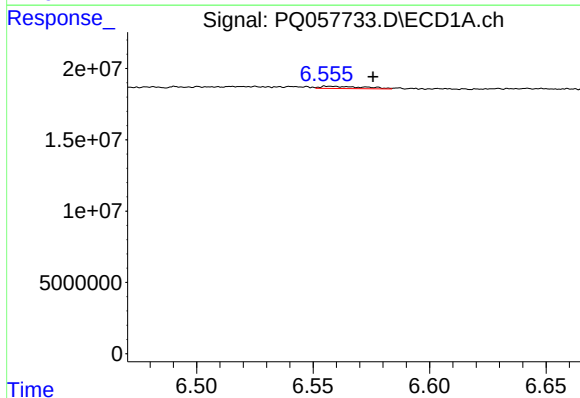
R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 1008826
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



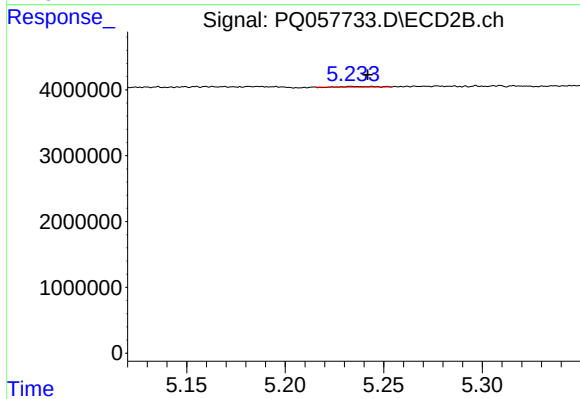
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.010 min
Response: 366030
Conc: 0.89 ng/ml



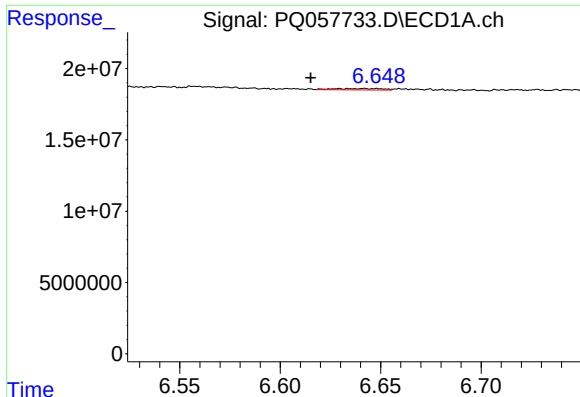
#24 AR-1248-4

R.T.: 6.557 min
Delta R.T.: -0.019 min
Response: 2072990
Conc: 2.03 ng/ml



#24 AR-1248-4

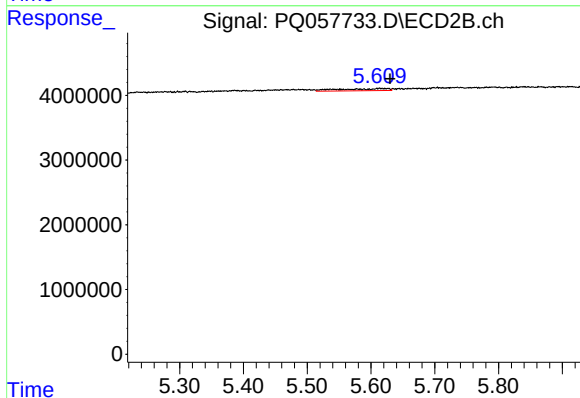
R.T.: 5.244 min
Delta R.T.: 0.002 min
Response: 73886
Conc: 0.15 ng/ml



#25 AR-1248-5

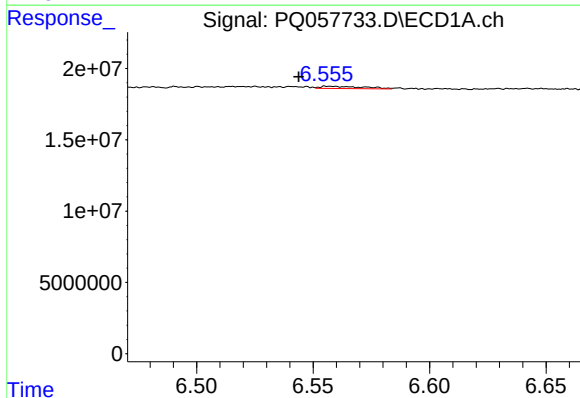
R.T.: 6.642 min
Delta R.T.: 0.027 min
Response: 1586833
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



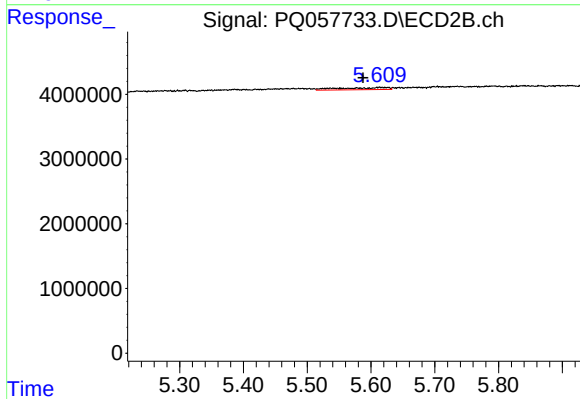
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: -0.016 min
Response: 1733795
Conc: 3.47 ng/ml



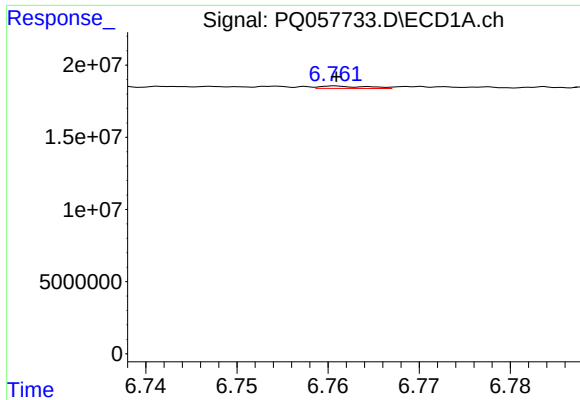
#26 AR-1254-1

R.T.: 6.557 min
Delta R.T.: 0.013 min
Response: 2072990
Conc: 2.33 ng/ml



#26 AR-1254-1

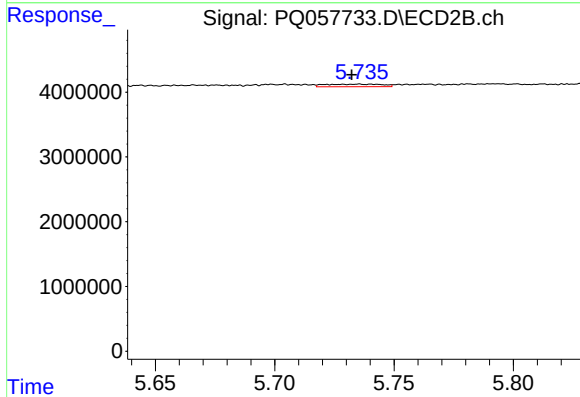
R.T.: 5.614 min
Delta R.T.: 0.026 min
Response: 1733795
Conc: 2.28 ng/ml



#27 AR-1254-2

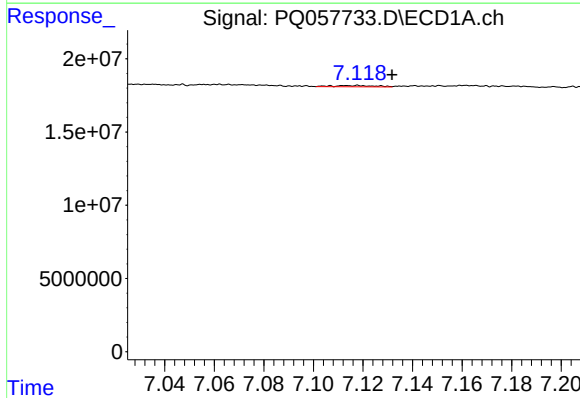
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 598598
Conc: 0.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



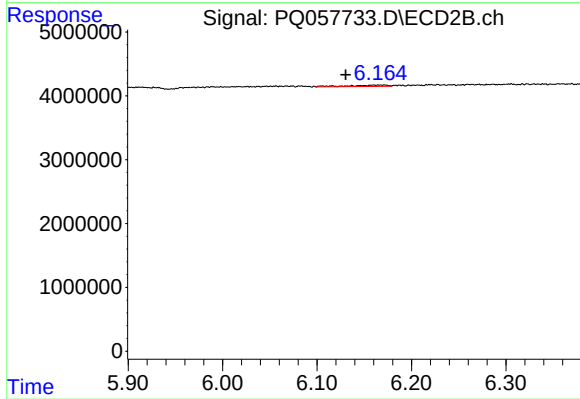
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.003 min
Response: 654093
Conc: 1.06 ng/ml



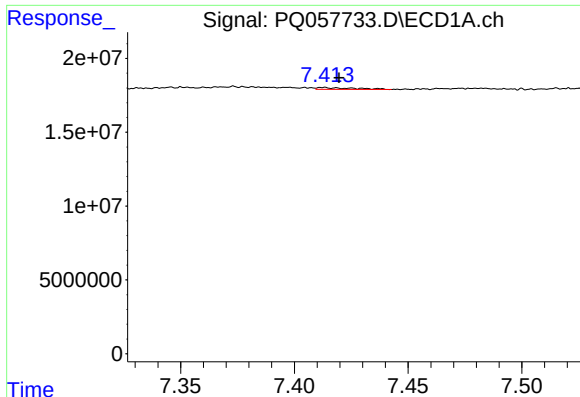
#28 AR-1254-3

R.T.: 7.118 min
Delta R.T.: -0.014 min
Response: 972271
Conc: 0.58 ng/ml



#28 AR-1254-3

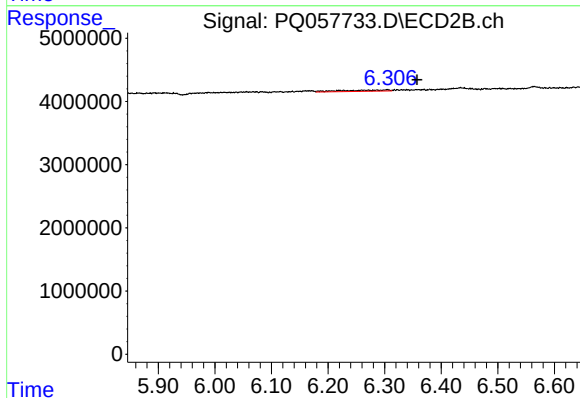
R.T.: 6.169 min
Delta R.T.: 0.038 min
Response: 574006
Conc: 0.56 ng/ml



#29 AR-1254-4

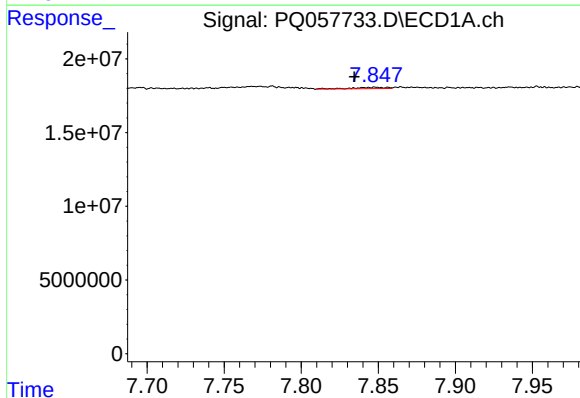
R.T.: 7.413 min
Delta R.T.: -0.007 min
Response: 1468833
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



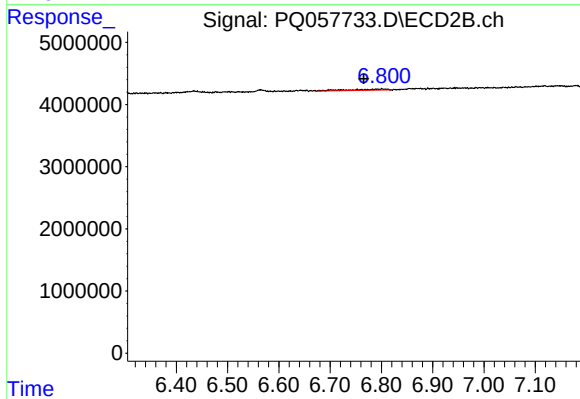
#29 AR-1254-4

R.T.: 6.305 min
Delta R.T.: -0.052 min
Response: 1017216
Conc: 1.34 ng/ml



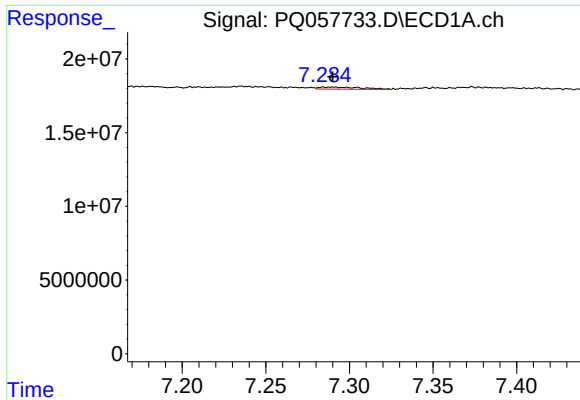
#30 AR-1254-5

R.T.: 7.848 min
Delta R.T.: 0.013 min
Response: 1409282
Conc: 1.13 ng/ml



#30 AR-1254-5

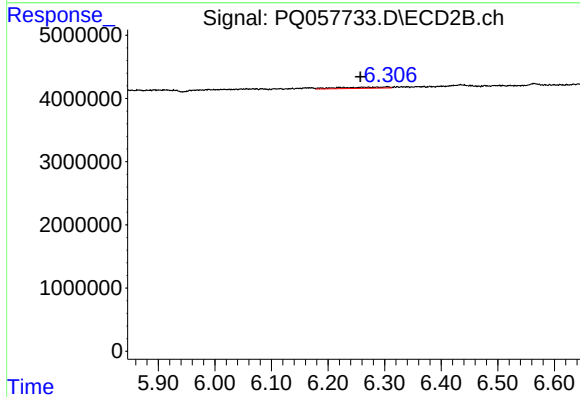
R.T.: 6.802 min
Delta R.T.: 0.036 min
Response: 959075
Conc: 1.03 ng/ml



#31 AR-1260-1

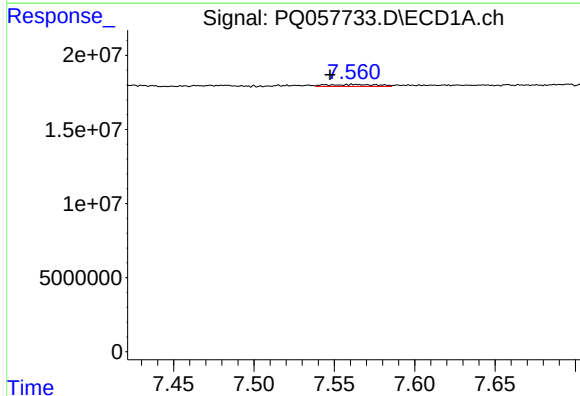
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 2498119
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



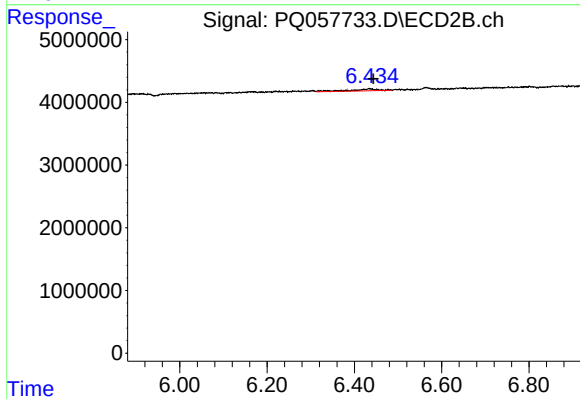
#31 AR-1260-1

R.T.: 6.305 min
Delta R.T.: 0.047 min
Response: 1017216
Conc: 1.72 ng/ml



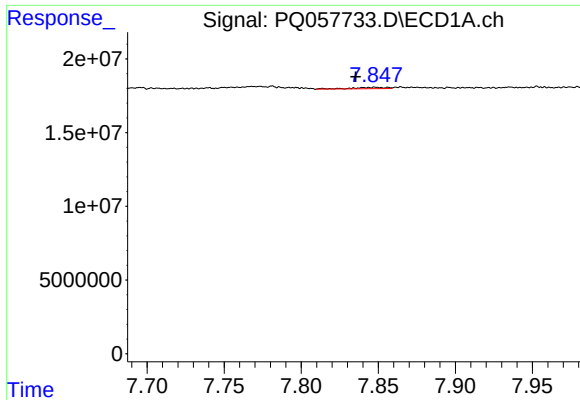
#32 AR-1260-2

R.T.: 7.563 min
Delta R.T.: 0.015 min
Response: 2899453
Conc: 2.44 ng/ml



#32 AR-1260-2

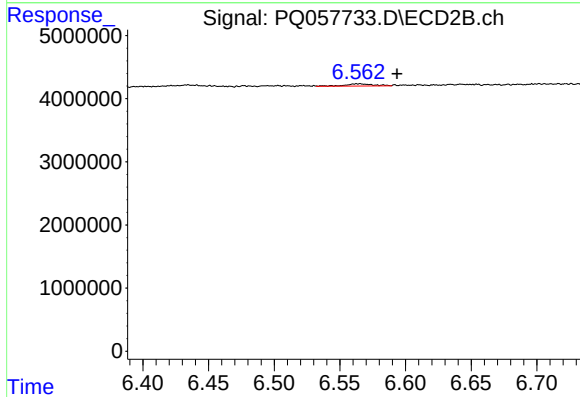
R.T.: 6.435 min
Delta R.T.: -0.008 min
Response: 1366709
Conc: 1.89 ng/ml



#33 AR-1260-3

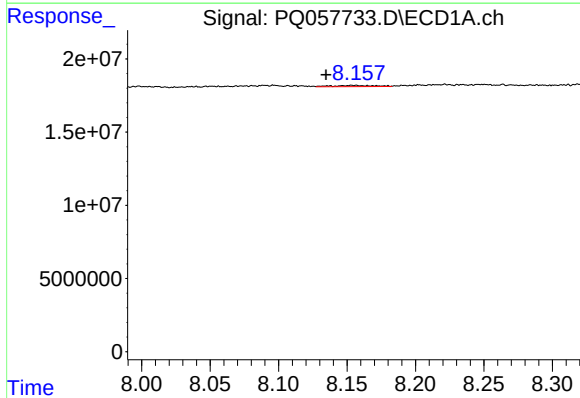
R.T.: 7.848 min
Delta R.T.: 0.013 min
Response: 1409282
Conc: 0.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



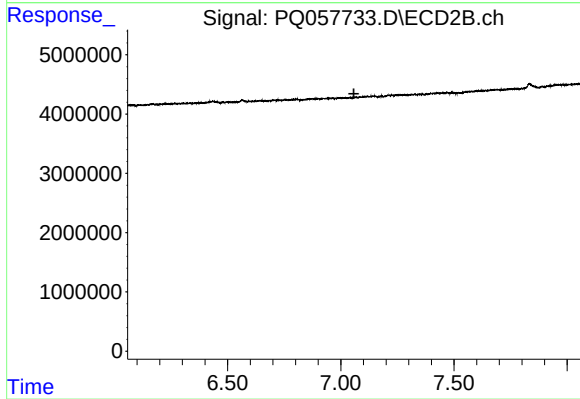
#33 AR-1260-3

R.T.: 6.564 min
Delta R.T.: -0.029 min
Response: 490104
Conc: 0.67 ng/ml



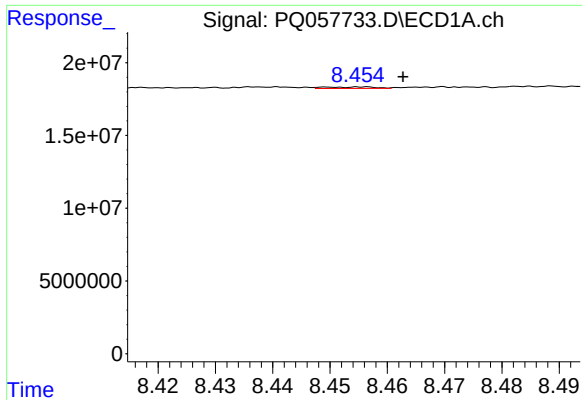
#34 AR-1260-4

R.T.: 8.154 min
Delta R.T.: 0.020 min
Response: 1686174
Conc: 1.57 ng/ml



#34 AR-1260-4

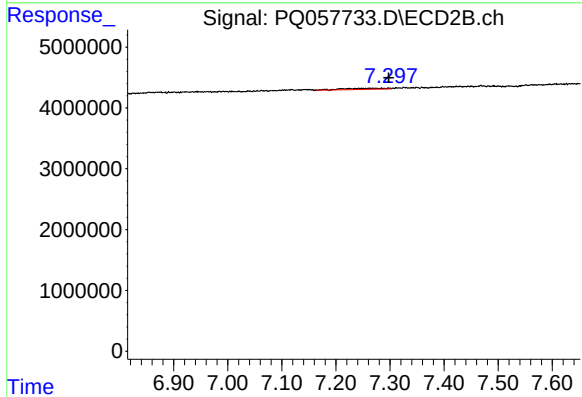
R.T.: 7.065 min
Delta R.T.: 0.007 min
Response: -15571
Conc: N.D.



#35 AR-1260-5

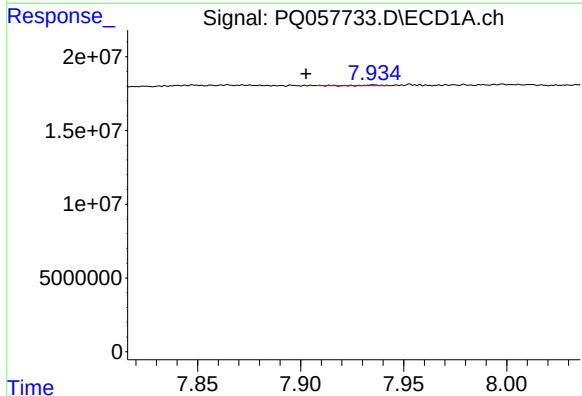
R.T.: 8.450 min
Delta R.T.: -0.013 min
Response: 637961
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



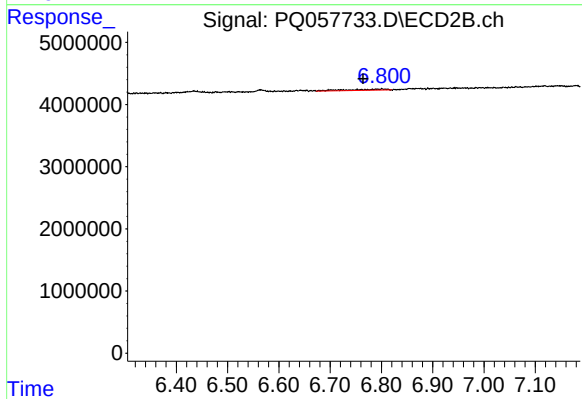
#35 AR-1260-5

R.T.: 7.282 min
Delta R.T.: -0.015 min
Response: 956809
Conc: 0.69 ng/ml



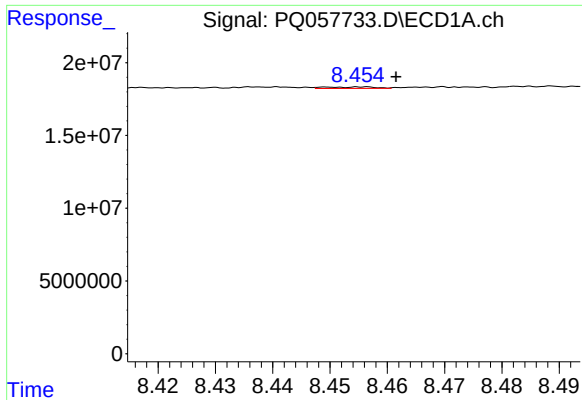
#36 AR-1262-1

R.T.: 7.935 min
Delta R.T.: 0.033 min
Response: 303655
Conc: 0.22 ng/ml



#36 AR-1262-1

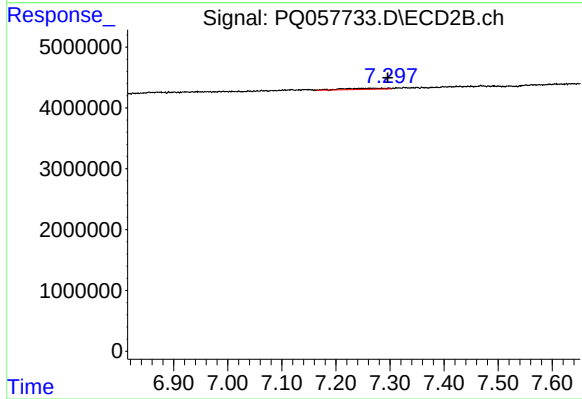
R.T.: 6.802 min
Delta R.T.: 0.038 min
Response: 959075
Conc: 2.04 ng/ml



#37 AR-1262-2

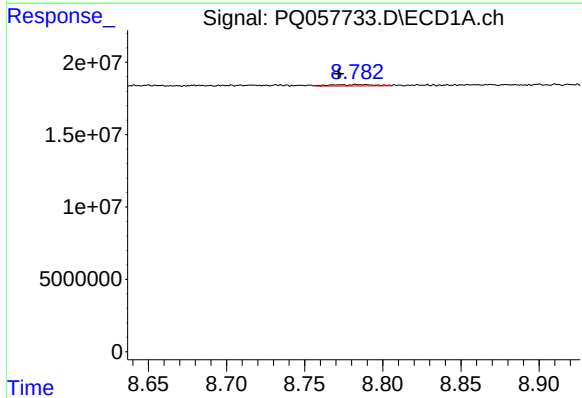
R.T.: 8.450 min
Delta R.T.: -0.012 min
Response: 637961
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



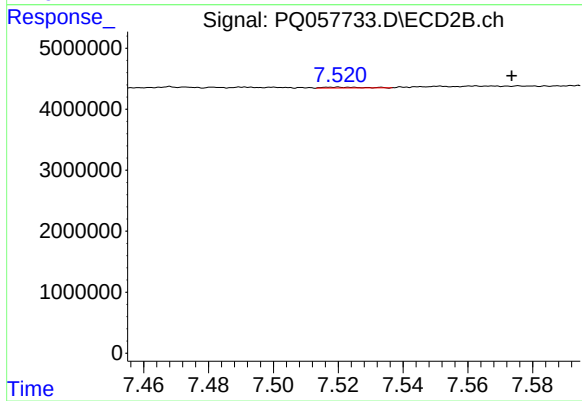
#37 AR-1262-2

R.T.: 7.282 min
Delta R.T.: -0.014 min
Response: 956809
Conc: 0.54 ng/ml



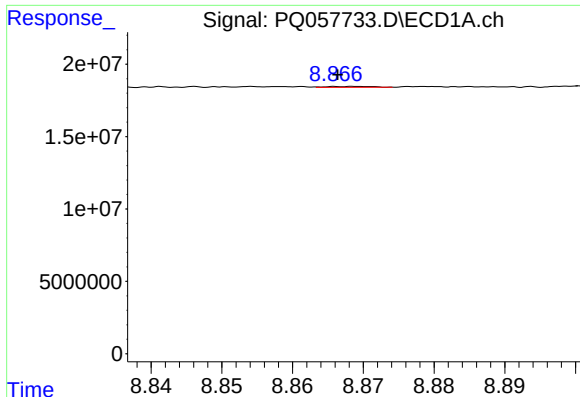
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.011 min
Response: 1994341
Conc: 1.54 ng/ml



#38 AR-1262-3

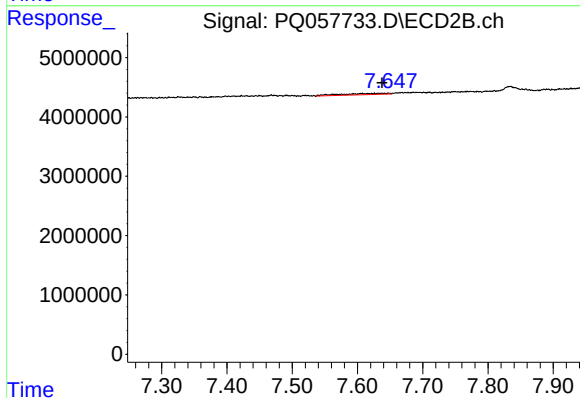
R.T.: 7.520 min
Delta R.T.: -0.053 min
Response: 107007
Conc: 0.15 ng/ml



#39 AR-1262-4

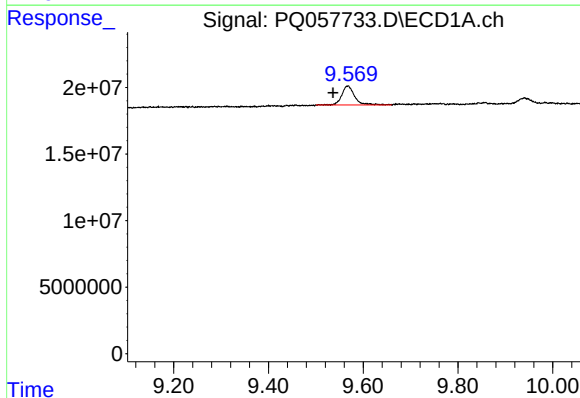
R.T.: 8.869 min
Delta R.T.: 0.003 min
Response: 291351
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



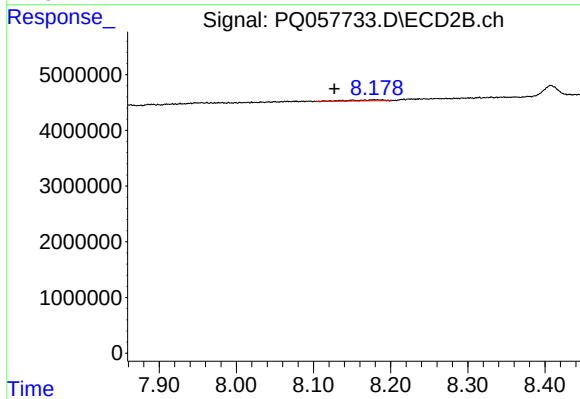
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: 0.010 min
Response: 1072291
Conc: 0.83 ng/ml



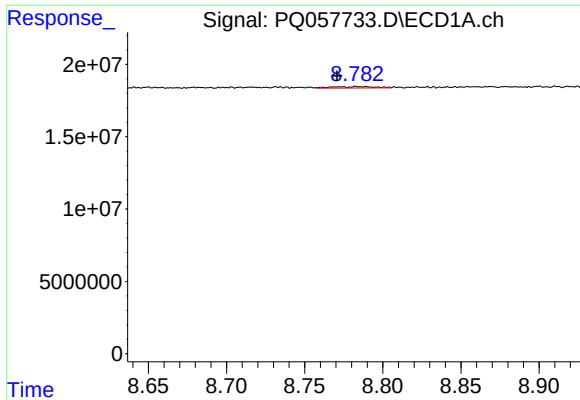
#40 AR-1262-5

R.T.: 9.567 min
Delta R.T.: 0.031 min
Response: 27334836
Conc: 22.58 ng/ml



#40 AR-1262-5

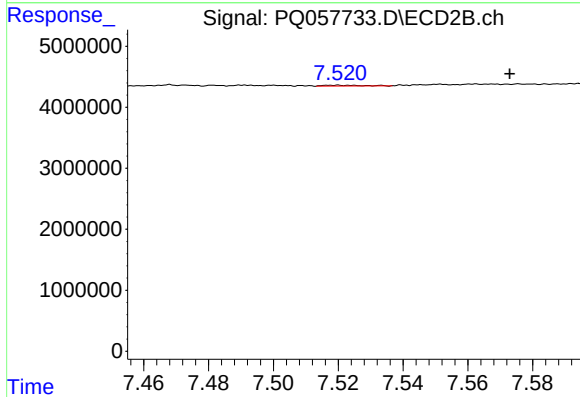
R.T.: 8.181 min
Delta R.T.: 0.054 min
Response: 544868
Conc: 0.96 ng/ml



#41 AR-1268-1

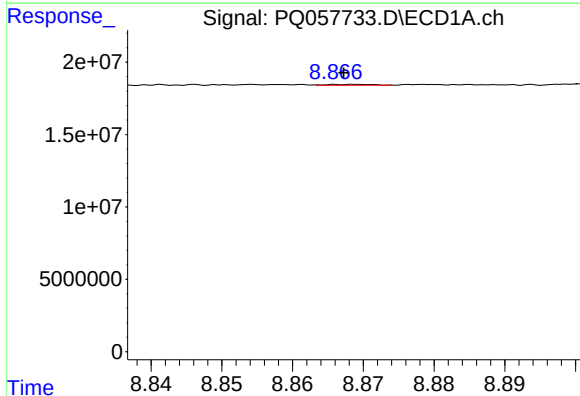
R.T.: 8.783 min
Delta R.T.: 0.012 min
Response: 1994341
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



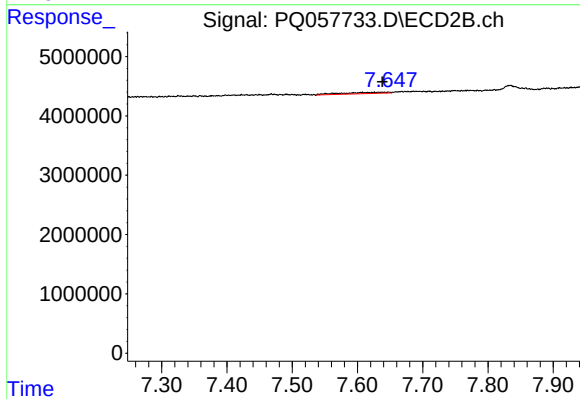
#41 AR-1268-1

R.T.: 7.520 min
Delta R.T.: -0.053 min
Response: 107007
Conc: 0.05 ng/ml



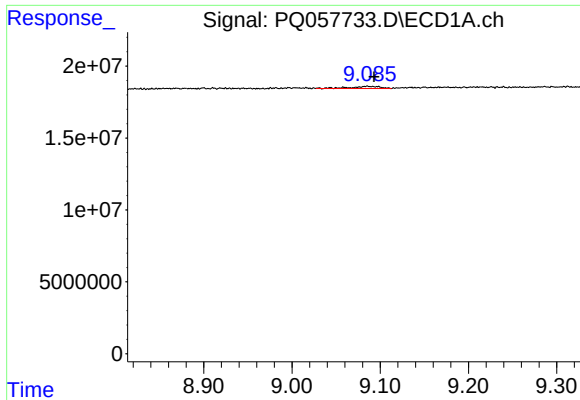
#42 AR-1268-2

R.T.: 8.869 min
Delta R.T.: 0.002 min
Response: 291351
Conc: 0.08 ng/ml



#42 AR-1268-2

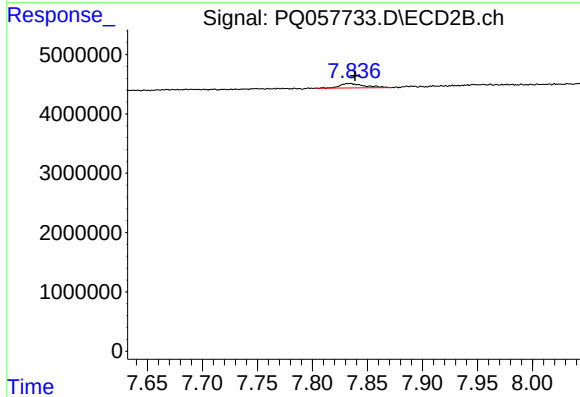
R.T.: 7.648 min
Delta R.T.: 0.009 min
Response: 1072291
Conc: 0.59 ng/ml



#43 AR-1268-3

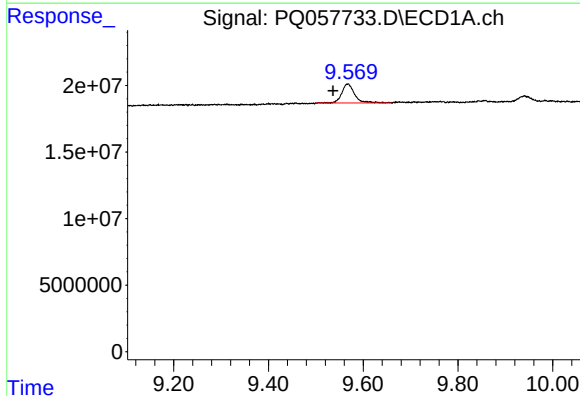
R.T.: 9.086 min
Delta R.T.: -0.007 min
Response: 3328673
Conc: 1.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



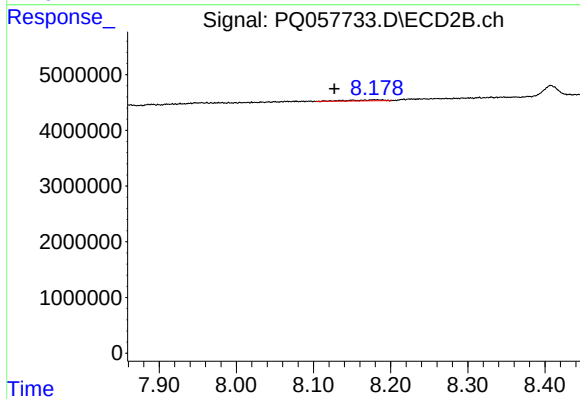
#43 AR-1268-3

R.T.: 7.834 min
Delta R.T.: -0.005 min
Response: 1122115
Conc: 0.74 ng/ml



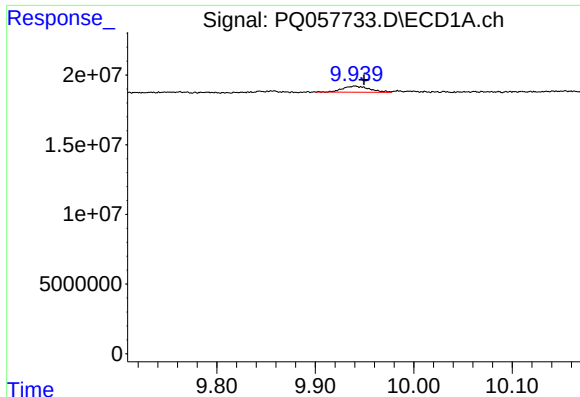
#44 AR-1268-4

R.T.: 9.567 min
Delta R.T.: 0.031 min
Response: 27334836
Conc: 20.82 ng/ml



#44 AR-1268-4

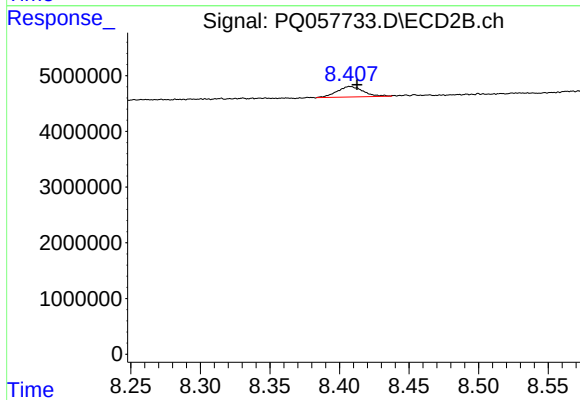
R.T.: 8.181 min
Delta R.T.: 0.053 min
Response: 544868
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 9.940 min
Delta R.T.: -0.009 min
Response: 8358953
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.408 min
Delta R.T.: -0.005 min
Response: 2489430
Conc: 0.52 ng/ml