

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062922\
 Data File : PQ058452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 00:34
 Operator : YP\AJ
 Sample : N3214-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 04:25:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 16:14:42 2022
 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...	4.685	4.044	257.9E6	212.1E6	20.146	19.573
2)	SA Decachlor...	10.603	9.179	261.0E6	162.1E6	21.695	21.623
Target Compounds							
3)	L1 AR-1016-1	5.866	5.146	1130566	632145	3.506	1.810 #
4)	L1 AR-1016-2	5.893	5.169	950064	1303078	1.687	2.597 #
5)	L1 AR-1016-3	5.957	5.350	1241499	490332	3.424	1.944 #
6)	L1 AR-1016-4	6.059	5.395	926697	539488	3.042	2.704
7)	L1 AR-1016-5	6.348	5.614	1140150	1117251	4.699	4.297
8)	L2 AR-1221-1	4.898	4.261	3828551	2429443	34.006	25.904
9)	L2 AR-1221-2	4.995	4.351	6148479	4157211	68.722	59.597
10)	L2 AR-1221-3	5.065	4.427	8073818	6025518	29.400	26.828
11)	L3 AR-1232-1	5.065	4.427	8073818	6025518	32.790	29.784
12)	L3 AR-1232-2	5.603	5.169	1163929	1303078	10.086	6.778 #
13)	L3 AR-1232-3	5.893	5.350	950064	490332	4.299	5.219
14)	L3 AR-1232-4	6.059	5.424	926697	351142	7.659	4.149 #
15)	L3 AR-1232-5	6.138	5.614	503292	1117251	6.968	11.896 #
16)	L4 AR-1242-1	5.866	5.146	1130566	632145	5.335	2.789 #
17)	L4 AR-1242-2	5.893	5.169	950064	1303078	2.610	4.091 #
18)	L4 AR-1242-3	5.957	5.350	1241499	490332	5.228	3.031 #
19)	L4 AR-1242-4	6.059	5.424	926697	351142	4.689	2.204 #
20)	L4 AR-1242-5	6.798	5.985f	690326	1124143	4.039	6.008 #
21)	L5 AR-1248-1	5.866	5.146	1130566	632145	8.019	4.254 #
22)	L5 AR-1248-2	6.138	5.395	503292	539488	2.676	2.767
23)	L5 AR-1248-3	6.348	5.424	1140150	351142	5.033	1.746 #
24)	L5 AR-1248-4	6.756	5.614	446478	1117251	1.856	4.578 #
25)	L5 AR-1248-5	6.798	5.985f	690326	1124143	2.716	5.035 #
26)	L6 AR-1254-1	6.728	5.985f	785360	1124143	2.688	2.463
27)	L6 AR-1254-2	6.941	6.090f	1121847	899644	2.457	2.236
28)	L6 AR-1254-3	7.298f	6.516	189211	66430	0.365	0.101 #
29)	L6 AR-1254-4	7.608	0.000	293499	0	0.779	N.D. #
30)	L6 AR-1254-5	8.030	7.157	227172	103459	0.512	0.183 #
31)	L7 AR-1260-1	7.482	6.645	667140	201480	1.657	0.428 #
32)	L7 AR-1260-2	7.744	6.823	866590	1041330	1.794	1.848
33)	L7 AR-1260-3	8.030	6.992	227172	435025	0.353	0.835 #
34)	L7 AR-1260-4	8.327	7.466	532552	242547	1.209	0.631 #
35)	L7 AR-1260-5	8.664	7.694	567952	349919	0.573	0.376 #
36)	L8 AR-1262-1	8.096	7.157	191833	103459	0.370	0.367
37)	L8 AR-1262-2	8.664	7.694	567952	349919	0.520	0.338 #
38)	L8 AR-1262-3	0.000	7.992	0	108515	N.D.	0.280 #
39)	L8 AR-1262-4	9.106	8.025f	155561	489456	0.372	0.666 #
40)	L8 AR-1262-5	0.000	8.599f	0	147919	N.D.	0.455 #
41)	L9 AR-1268-1	0.000	7.992	0	108515	N.D.	0.101 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062922\
 Data File : PQ058452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 00:34
 Operator : YP\AJ
 Sample : N3214-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 04:25:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 16:14:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation

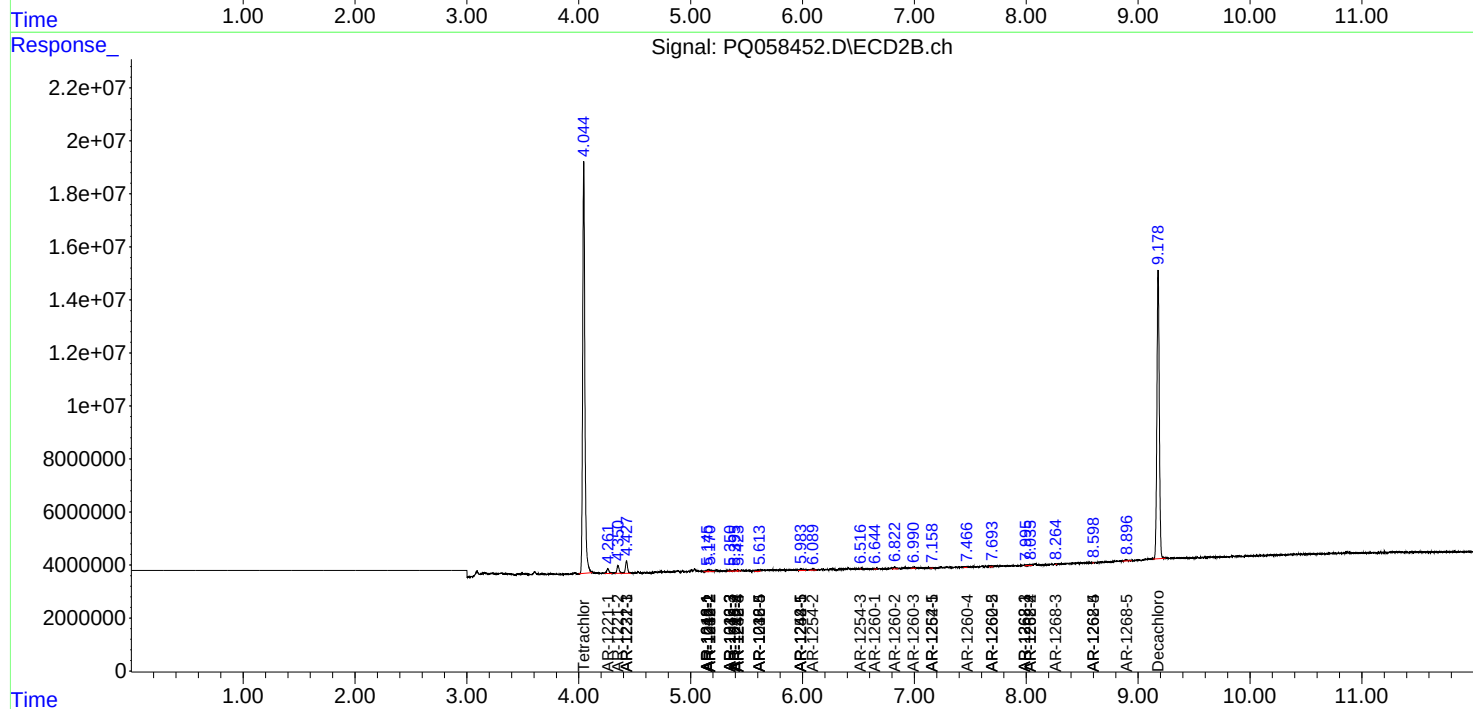
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

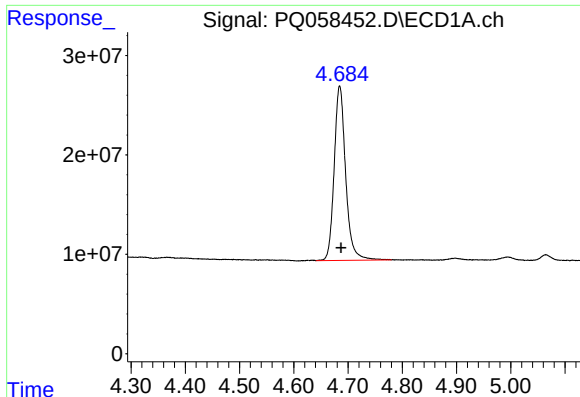
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.106	8.025f	155561	489456	0.114	0.498 #
43) L9	AR-1268-3	9.345	8.264	920540	25794	0.739	0.031 #
44) L9	AR-1268-4	0.000	8.599f	0	147919	N.D.	0.450 #
45) L9	AR-1268-5	10.243	8.895	1639806	645901	0.416	0.241 #

(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

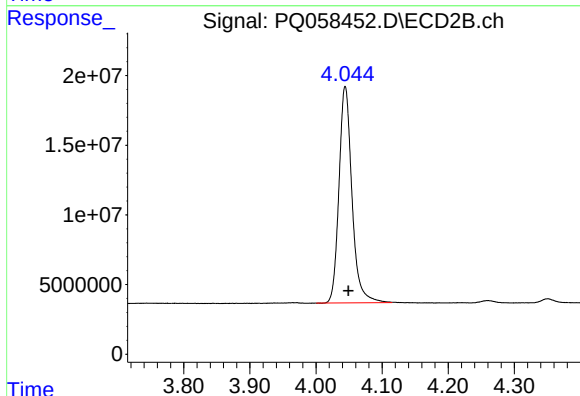




#1 Tetrachloro-m-xylene

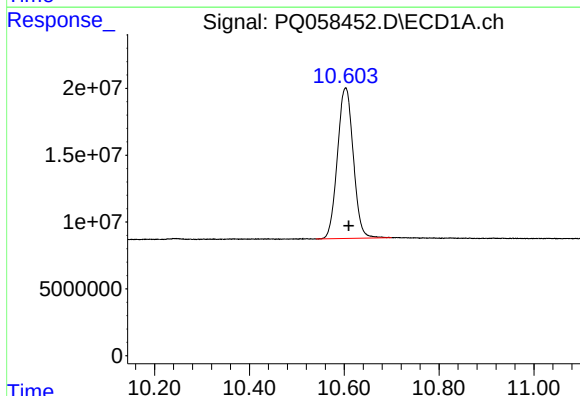
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 257903022
Conc: 20.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



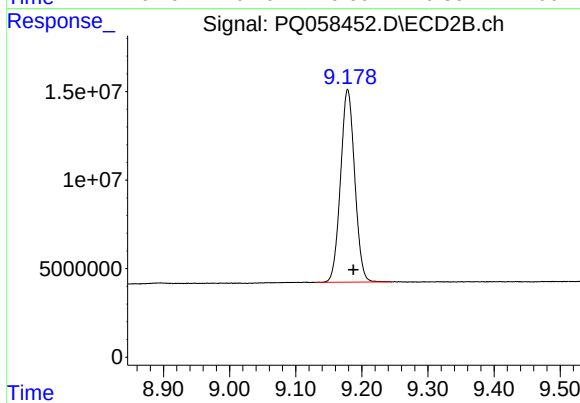
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.005 min
Response: 212131764
Conc: 19.57 ng/ml



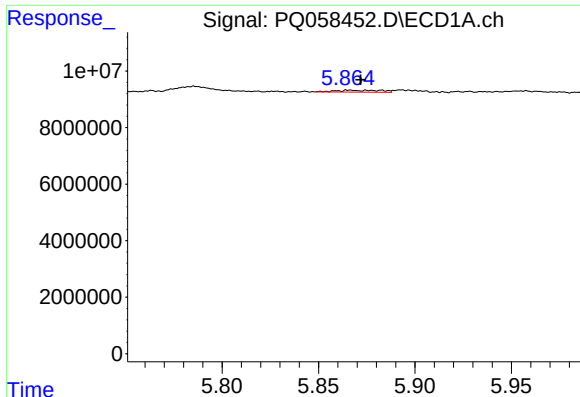
#2 Decachlorobiphenyl

R.T.: 10.603 min
Delta R.T.: -0.007 min
Response: 261038611
Conc: 21.70 ng/ml



#2 Decachlorobiphenyl

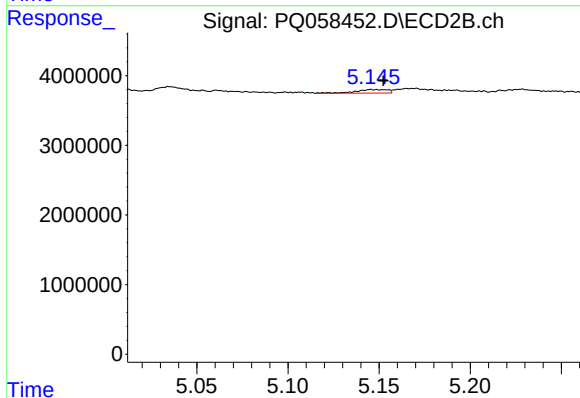
R.T.: 9.179 min
Delta R.T.: -0.008 min
Response: 162144317
Conc: 21.62 ng/ml



#3 AR-1016-1

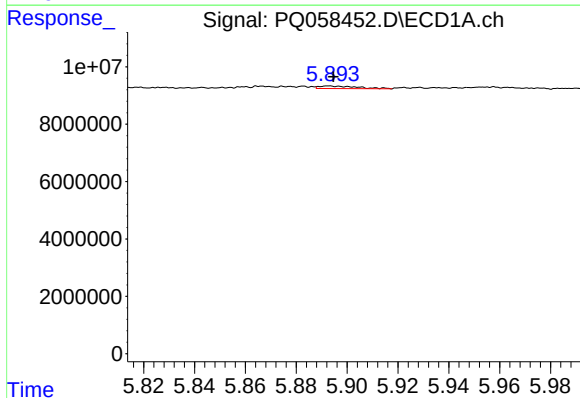
R.T.: 5.866 min
Delta R.T.: -0.006 min
Response: 1130566
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



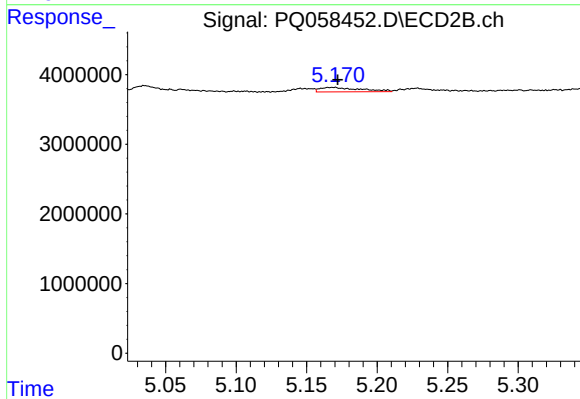
#3 AR-1016-1

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 632145
Conc: 1.81 ng/ml



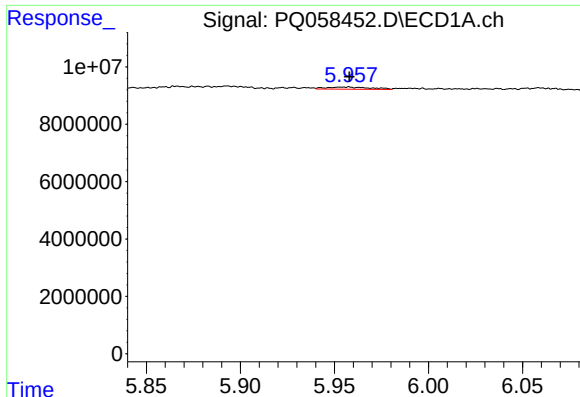
#4 AR-1016-2

R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 950064
Conc: 1.69 ng/ml



#4 AR-1016-2

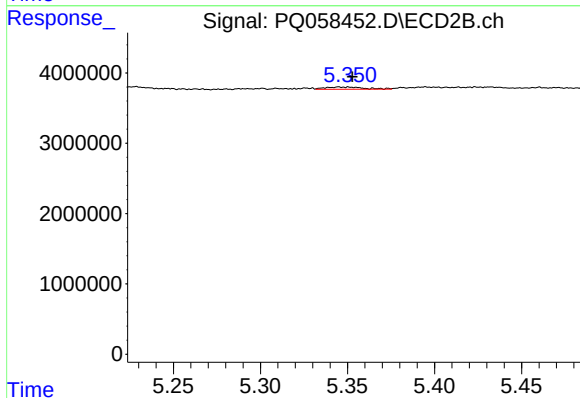
R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 1303078
Conc: 2.60 ng/ml



#5 AR-1016-3

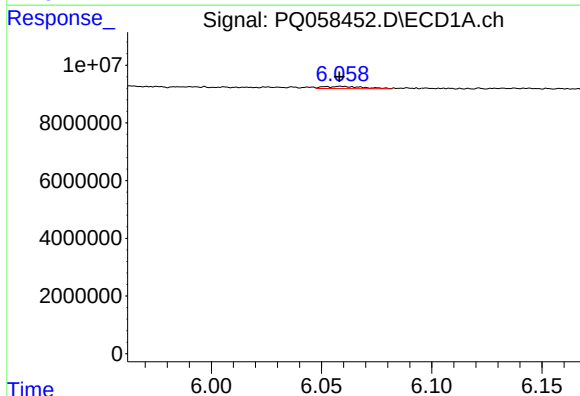
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 1241499
Conc: 3.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



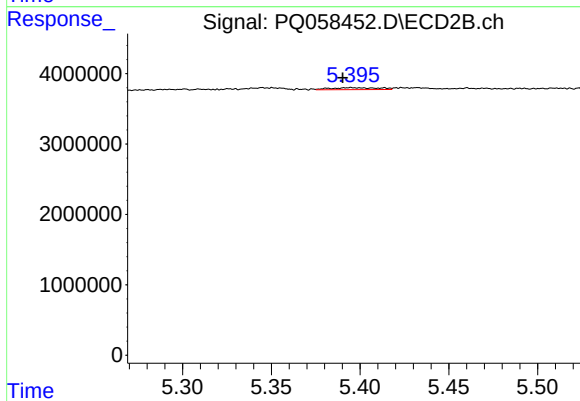
#5 AR-1016-3

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 490332
Conc: 1.94 ng/ml



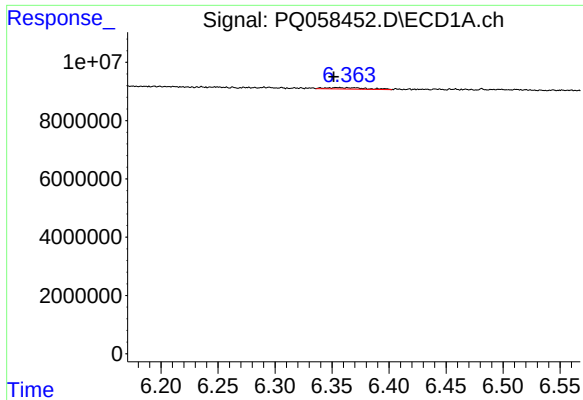
#6 AR-1016-4

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 926697
Conc: 3.04 ng/ml



#6 AR-1016-4

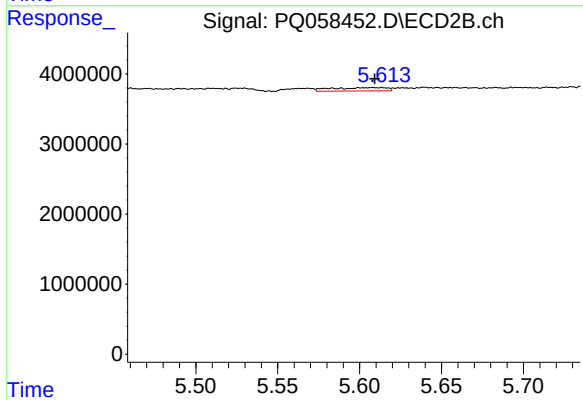
R.T.: 5.395 min
Delta R.T.: 0.005 min
Response: 539488
Conc: 2.70 ng/ml



#7 AR-1016-5

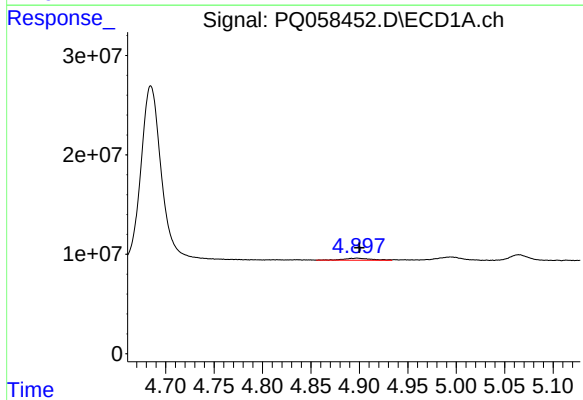
R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 1140150
Conc: 4.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



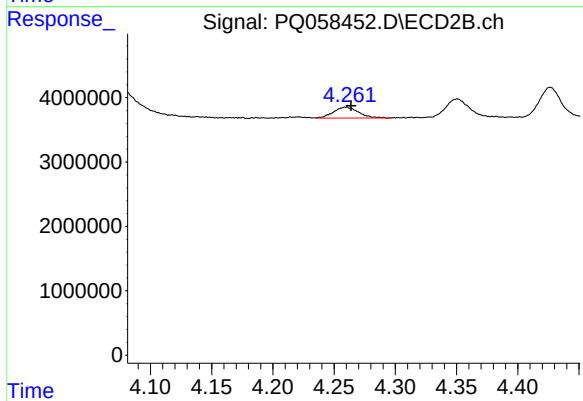
#7 AR-1016-5

R.T.: 5.614 min
Delta R.T.: 0.005 min
Response: 1117251
Conc: 4.30 ng/ml



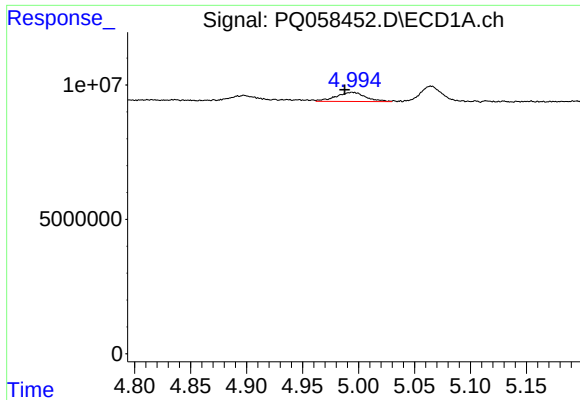
#8 AR-1221-1

R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 3828551
Conc: 34.01 ng/ml



#8 AR-1221-1

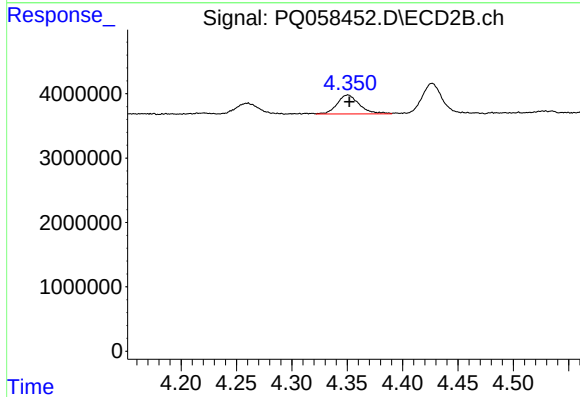
R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 2429443
Conc: 25.90 ng/ml



#9 AR-1221-2

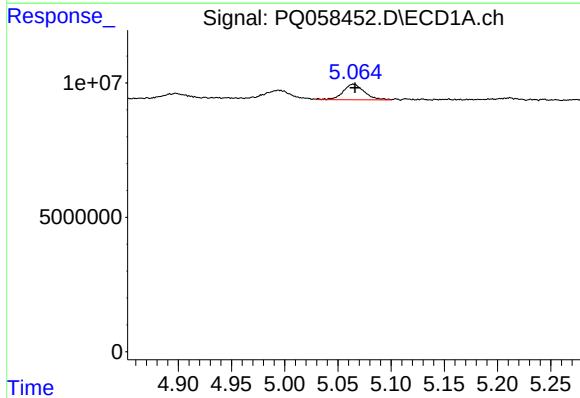
R.T.: 4.995 min
Delta R.T.: 0.007 min
Response: 6148479
Conc: 68.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



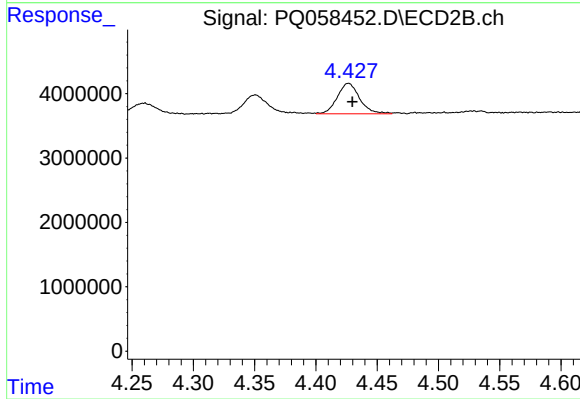
#9 AR-1221-2

R.T.: 4.351 min
Delta R.T.: -0.001 min
Response: 4157211
Conc: 59.60 ng/ml



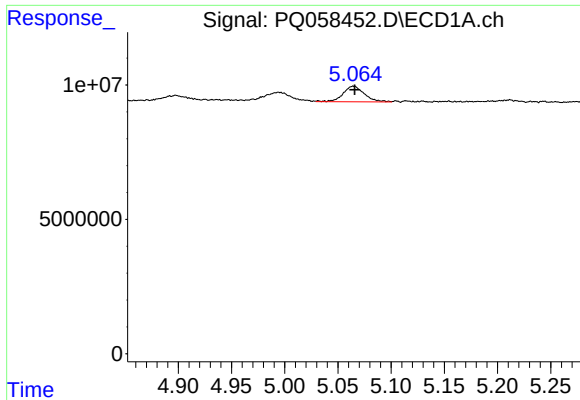
#10 AR-1221-3

R.T.: 5.065 min
Delta R.T.: -0.001 min
Response: 8073818
Conc: 29.40 ng/ml



#10 AR-1221-3

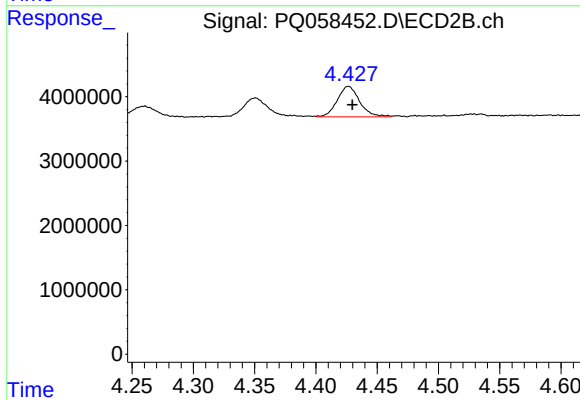
R.T.: 4.427 min
Delta R.T.: -0.003 min
Response: 6025518
Conc: 26.83 ng/ml



#11 AR-1232-1

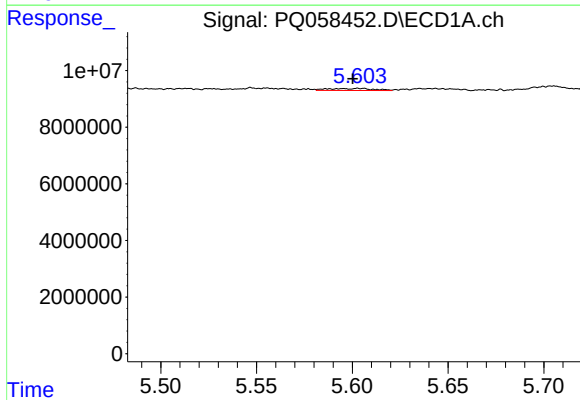
R.T.: 5.065 min
Delta R.T.: -0.001 min
Response: 8073818
Conc: 32.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



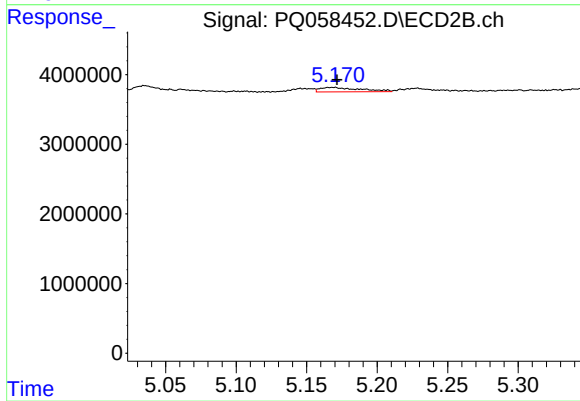
#11 AR-1232-1

R.T.: 4.427 min
Delta R.T.: -0.003 min
Response: 6025518
Conc: 29.78 ng/ml



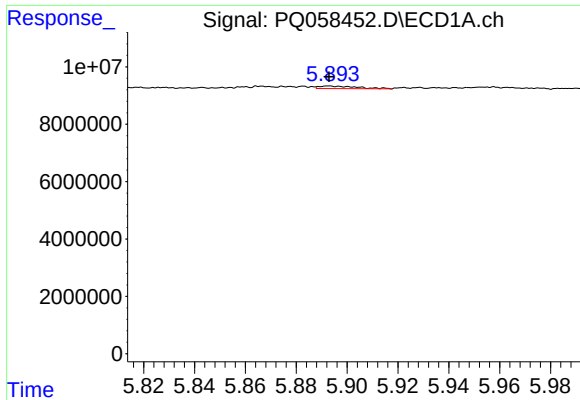
#12 AR-1232-2

R.T.: 5.603 min
Delta R.T.: 0.003 min
Response: 1163929
Conc: 10.09 ng/ml



#12 AR-1232-2

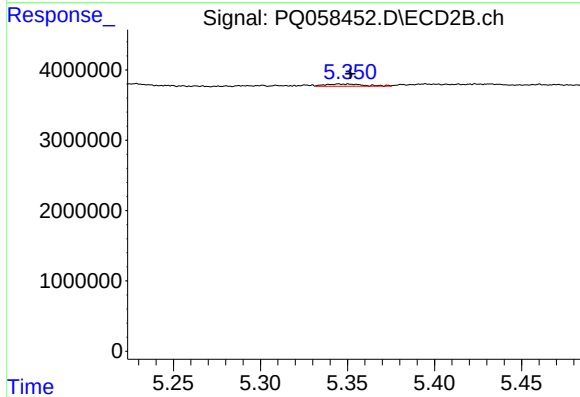
R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 1303078
Conc: 6.78 ng/ml



#13 AR-1232-3

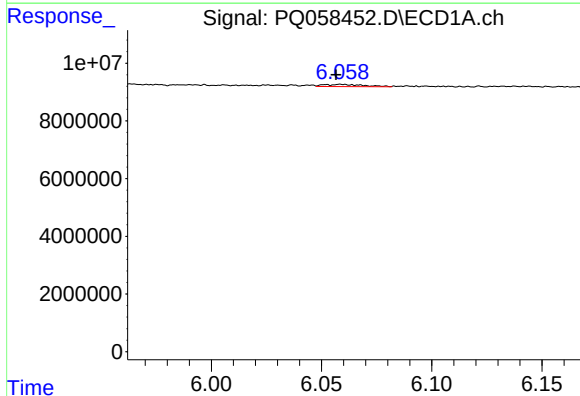
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 950064
Conc: 4.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



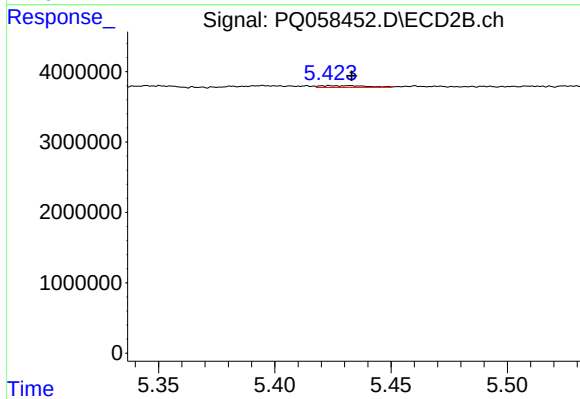
#13 AR-1232-3

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 490332
Conc: 5.22 ng/ml



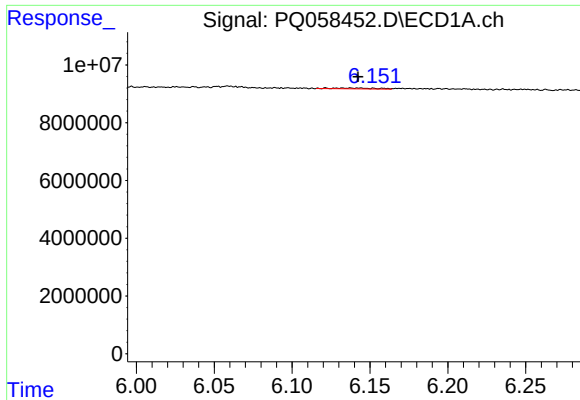
#14 AR-1232-4

R.T.: 6.059 min
Delta R.T.: 0.002 min
Response: 926697
Conc: 7.66 ng/ml



#14 AR-1232-4

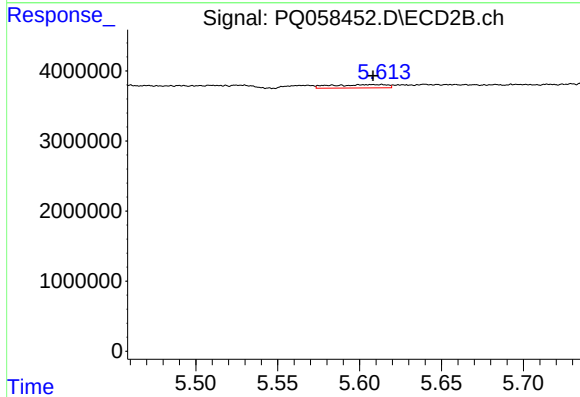
R.T.: 5.424 min
Delta R.T.: -0.009 min
Response: 351142
Conc: 4.15 ng/ml



#15 AR-1232-5

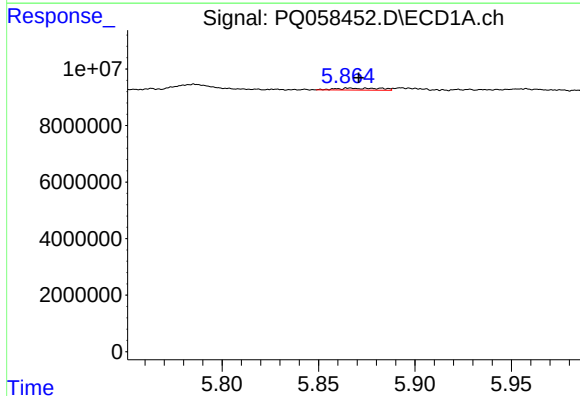
R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 503292
Conc: 6.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



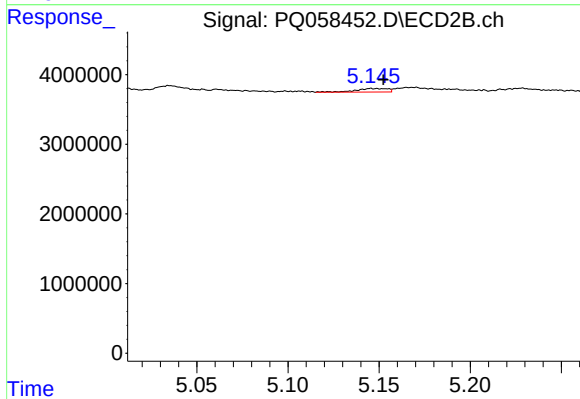
#15 AR-1232-5

R.T.: 5.614 min
Delta R.T.: 0.005 min
Response: 1117251
Conc: 11.90 ng/ml



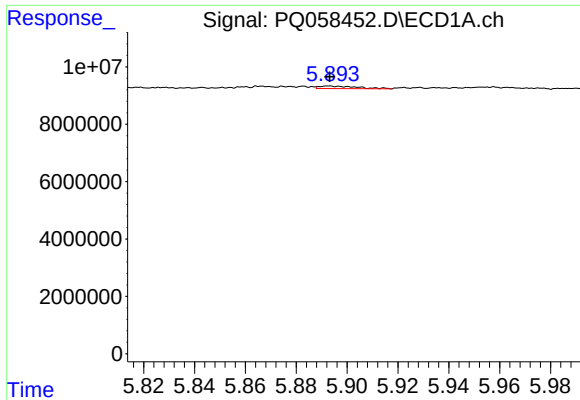
#16 AR-1242-1

R.T.: 5.866 min
Delta R.T.: -0.005 min
Response: 1130566
Conc: 5.33 ng/ml



#16 AR-1242-1

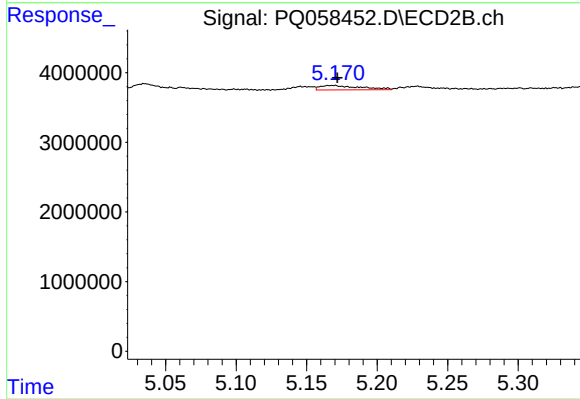
R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 632145
Conc: 2.79 ng/ml



#17 AR-1242-2

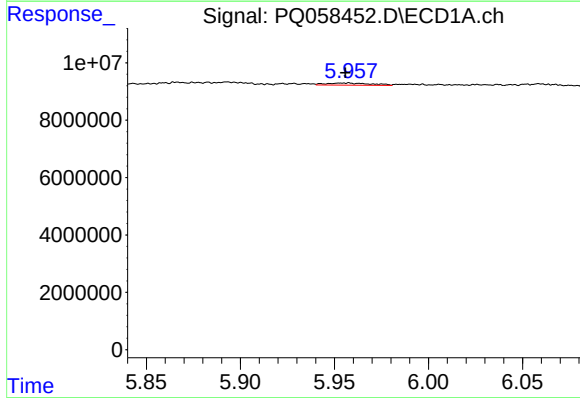
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 950064
Conc: 2.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



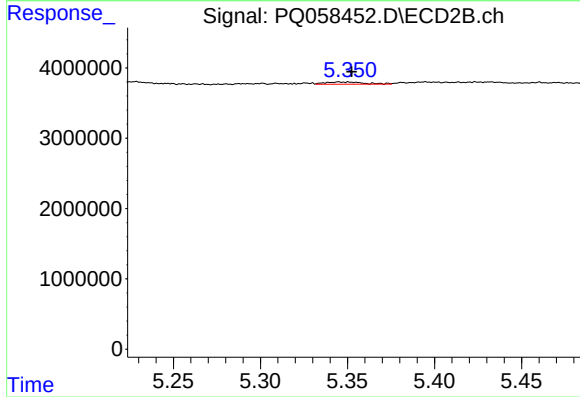
#17 AR-1242-2

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 1303078
Conc: 4.09 ng/ml



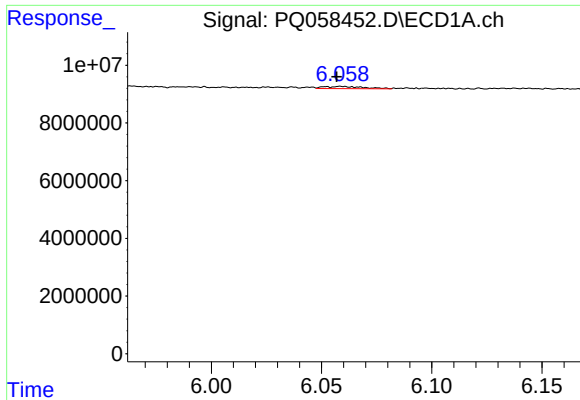
#18 AR-1242-3

R.T.: 5.957 min
Delta R.T.: 0.001 min
Response: 1241499
Conc: 5.23 ng/ml



#18 AR-1242-3

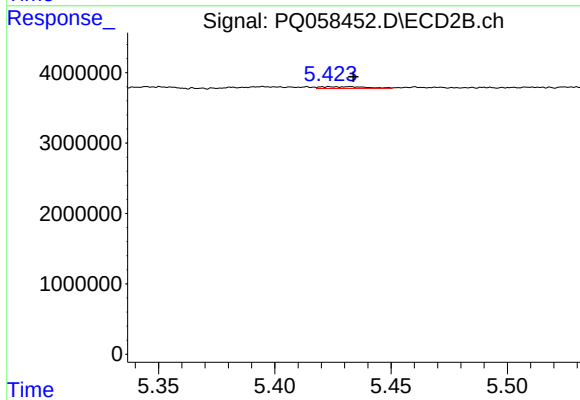
R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 490332
Conc: 3.03 ng/ml



#19 AR-1242-4

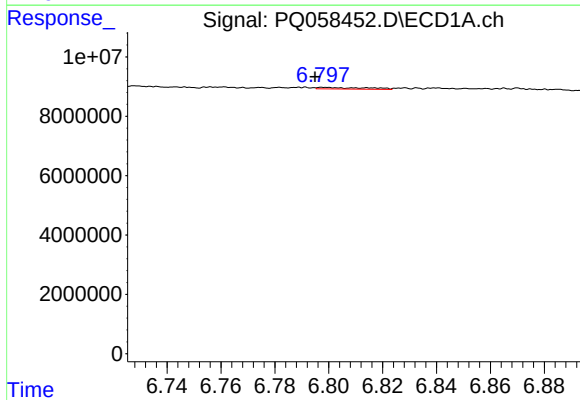
R.T.: 6.059 min
Delta R.T.: 0.002 min
Response: 926697
Conc: 4.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



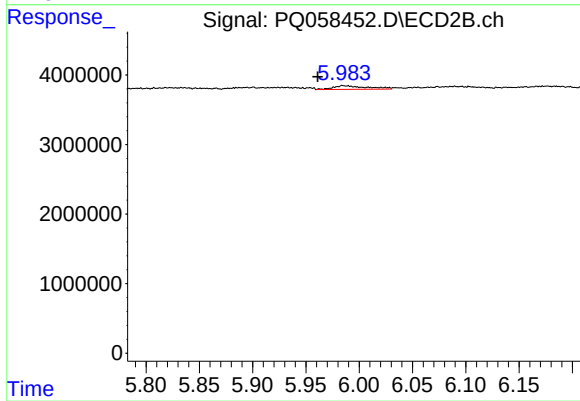
#19 AR-1242-4

R.T.: 5.424 min
Delta R.T.: -0.010 min
Response: 351142
Conc: 2.20 ng/ml



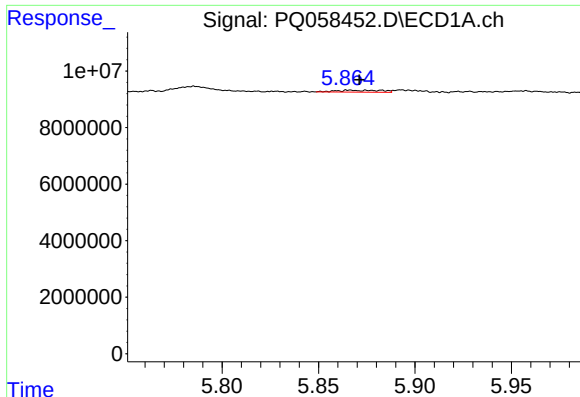
#20 AR-1242-5

R.T.: 6.798 min
Delta R.T.: 0.003 min
Response: 690326
Conc: 4.04 ng/ml



#20 AR-1242-5

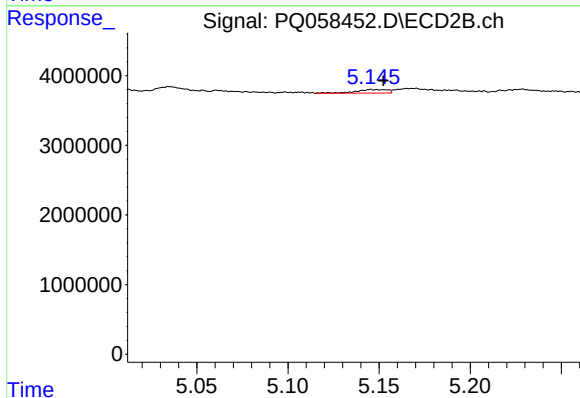
R.T.: 5.985 min
Delta R.T.: 0.023 min
Response: 1124143
Conc: 6.01 ng/ml



#21 AR-1248-1

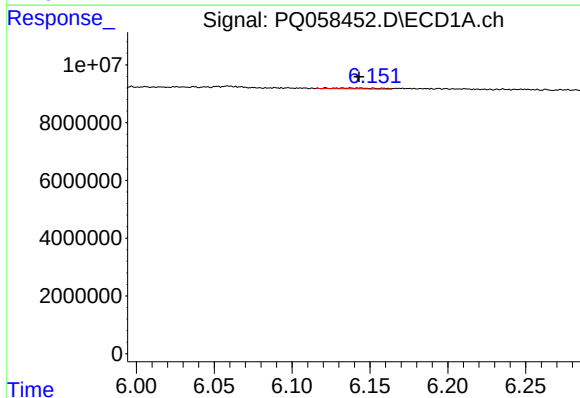
R.T.: 5.866 min
Delta R.T.: -0.005 min
Response: 1130566
Conc: 8.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



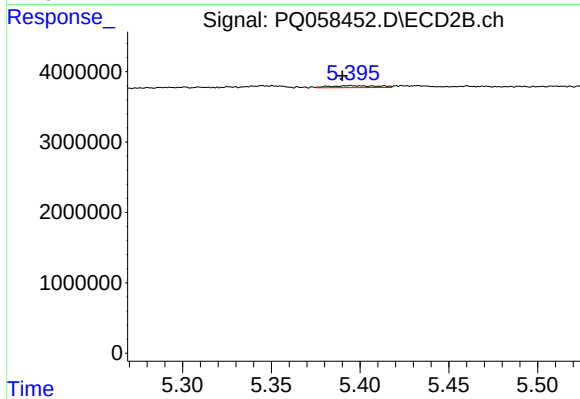
#21 AR-1248-1

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 632145
Conc: 4.25 ng/ml



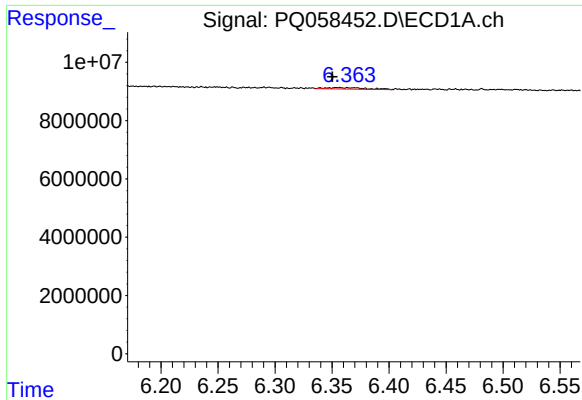
#22 AR-1248-2

R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 503292
Conc: 2.68 ng/ml



#22 AR-1248-2

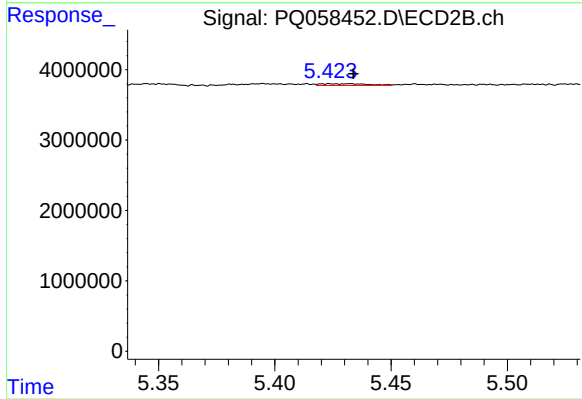
R.T.: 5.395 min
Delta R.T.: 0.005 min
Response: 539488
Conc: 2.77 ng/ml



#23 AR-1248-3

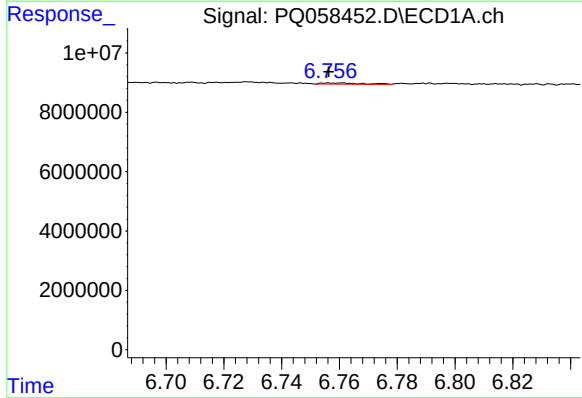
R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 1140150
Conc: 5.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



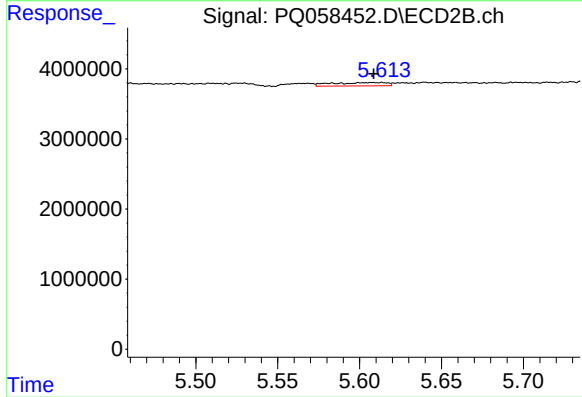
#23 AR-1248-3

R.T.: 5.424 min
Delta R.T.: -0.010 min
Response: 351142
Conc: 1.75 ng/ml



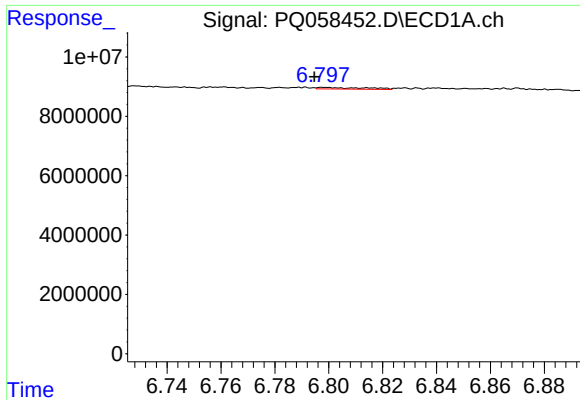
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 446478
Conc: 1.86 ng/ml



#24 AR-1248-4

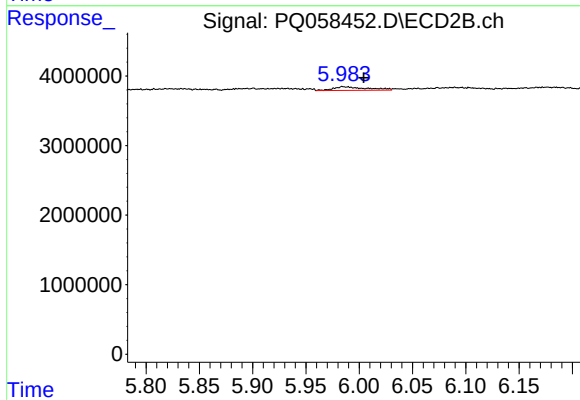
R.T.: 5.614 min
Delta R.T.: 0.005 min
Response: 1117251
Conc: 4.58 ng/ml



#25 AR-1248-5

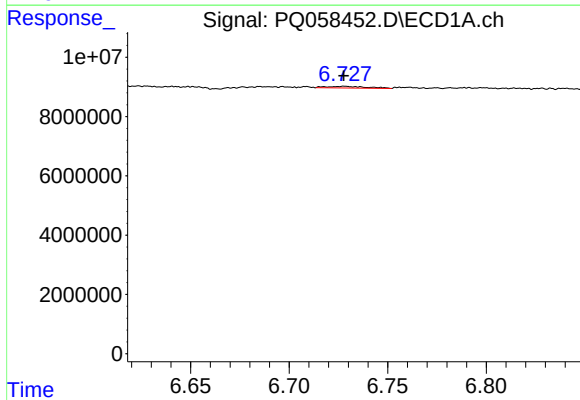
R.T.: 6.798 min
Delta R.T.: 0.004 min
Response: 690326
Conc: 2.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



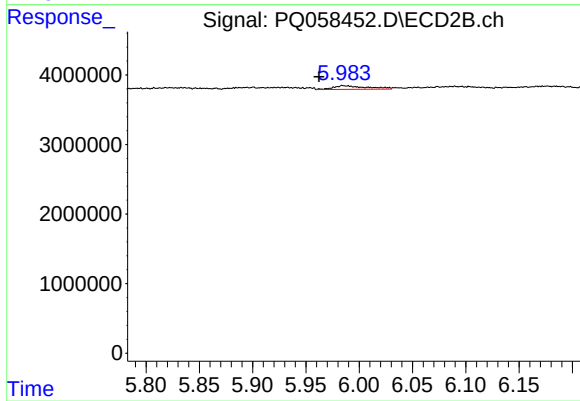
#25 AR-1248-5

R.T.: 5.985 min
Delta R.T.: -0.020 min
Response: 1124143
Conc: 5.03 ng/ml



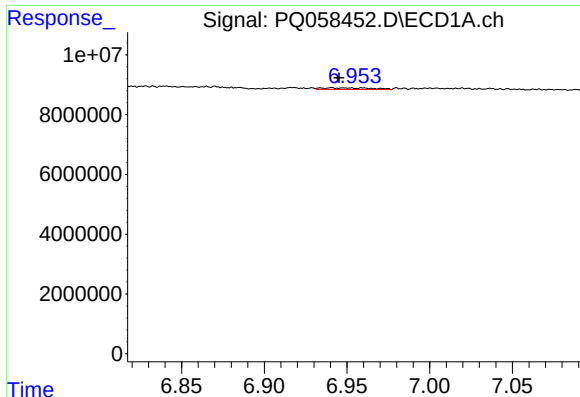
#26 AR-1254-1

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 785360
Conc: 2.69 ng/ml



#26 AR-1254-1

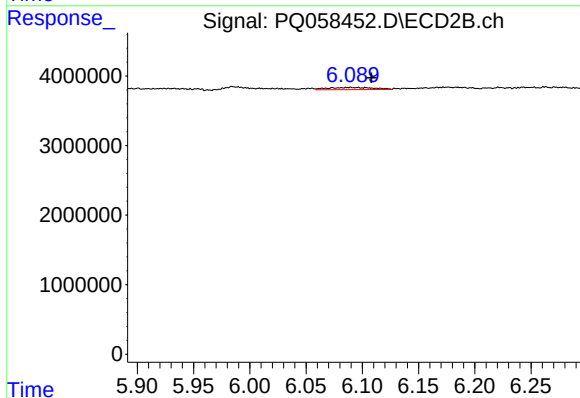
R.T.: 5.985 min
Delta R.T.: 0.022 min
Response: 1124143
Conc: 2.46 ng/ml



#27 AR-1254-2

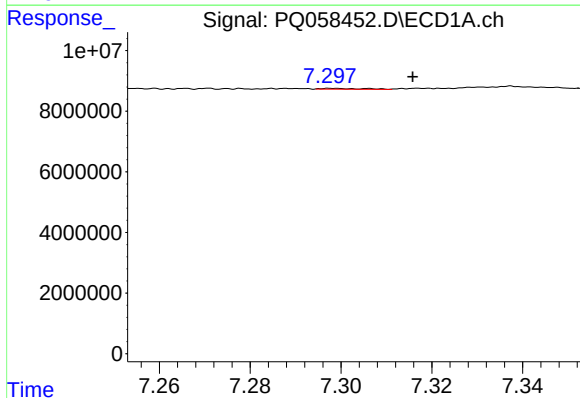
R.T.: 6.941 min
Delta R.T.: -0.004 min
Response: 1121847
Conc: 2.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



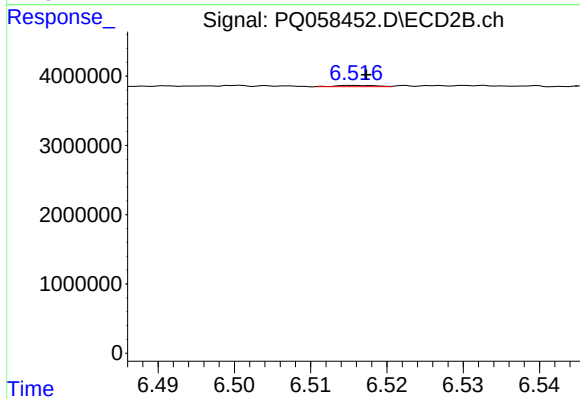
#27 AR-1254-2

R.T.: 6.090 min
Delta R.T.: -0.018 min
Response: 899644
Conc: 2.24 ng/ml



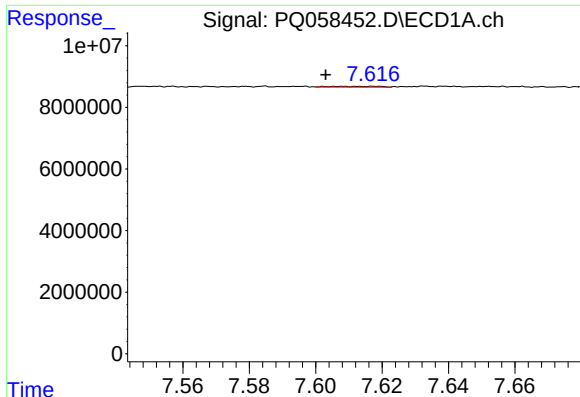
#28 AR-1254-3

R.T.: 7.298 min
Delta R.T.: -0.018 min
Response: 189211
Conc: 0.37 ng/ml



#28 AR-1254-3

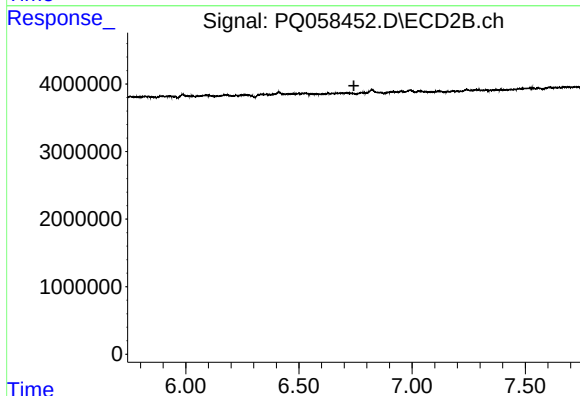
R.T.: 6.516 min
Delta R.T.: -0.001 min
Response: 66430
Conc: 0.10 ng/ml



#29 AR-1254-4

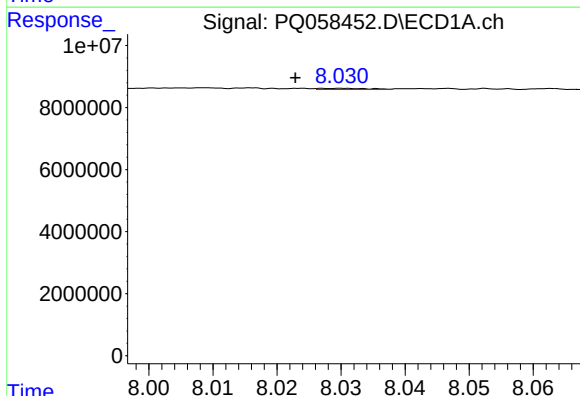
R.T.: 7.608 min
Delta R.T.: 0.005 min
Response: 293499
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



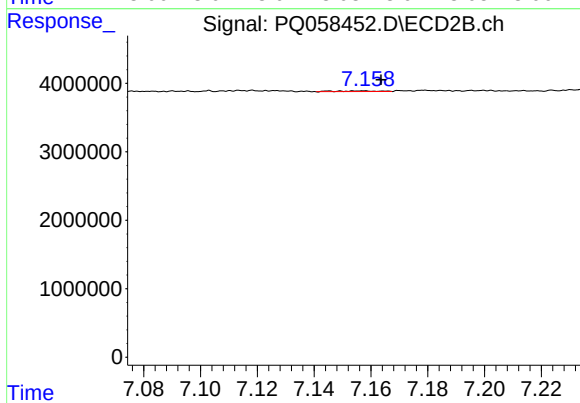
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



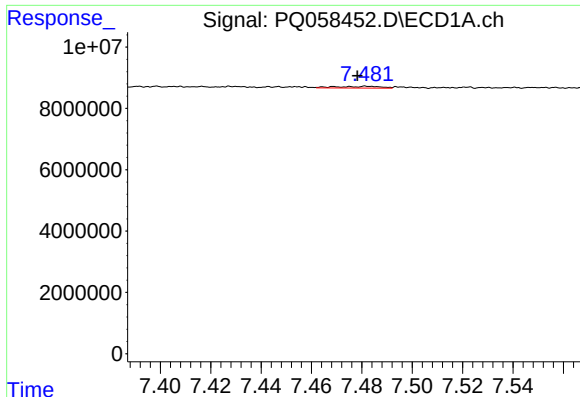
#30 AR-1254-5

R.T.: 8.030 min
Delta R.T.: 0.007 min
Response: 227172
Conc: 0.51 ng/ml



#30 AR-1254-5

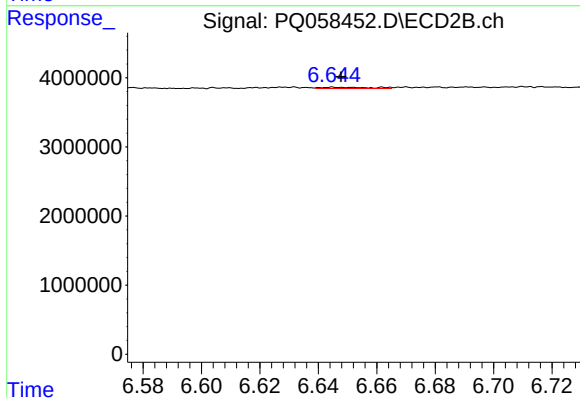
R.T.: 7.157 min
Delta R.T.: -0.006 min
Response: 103459
Conc: 0.18 ng/ml



#31 AR-1260-1

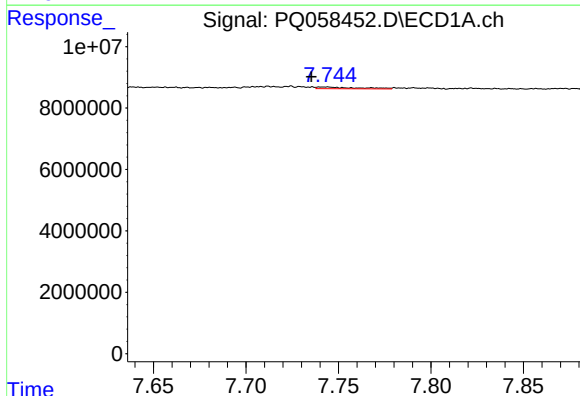
R.T.: 7.482 min
Delta R.T.: 0.004 min
Response: 667140
Conc: 1.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



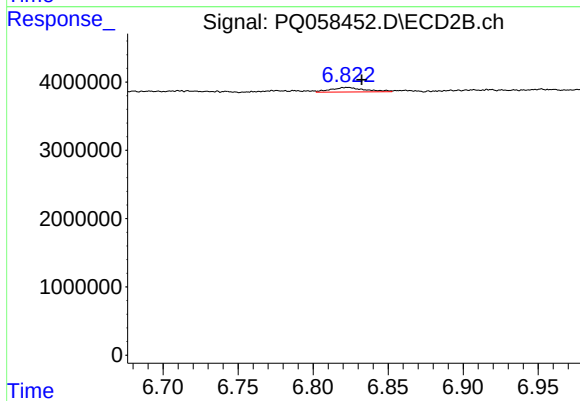
#31 AR-1260-1

R.T.: 6.645 min
Delta R.T.: -0.002 min
Response: 201480
Conc: 0.43 ng/ml



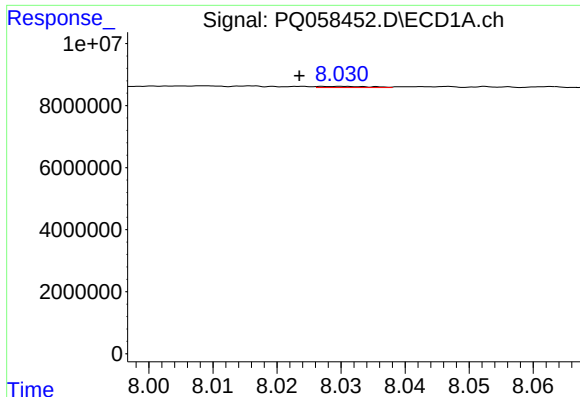
#32 AR-1260-2

R.T.: 7.744 min
Delta R.T.: 0.008 min
Response: 866590
Conc: 1.79 ng/ml



#32 AR-1260-2

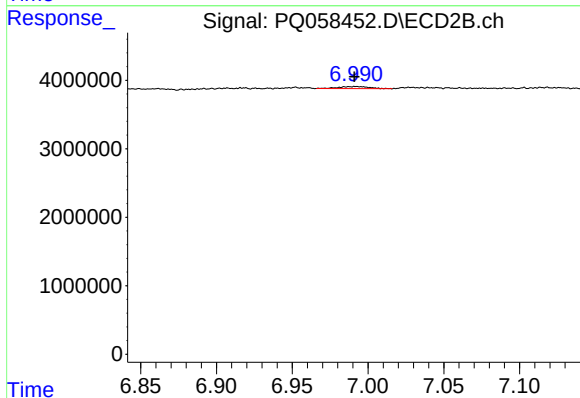
R.T.: 6.823 min
Delta R.T.: -0.010 min
Response: 1041330
Conc: 1.85 ng/ml



#33 AR-1260-3

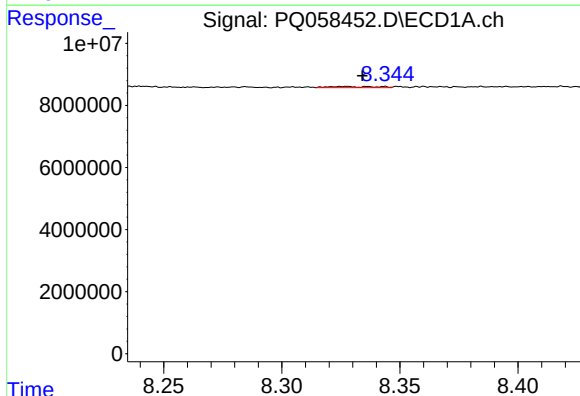
R.T.: 8.030 min
Delta R.T.: 0.006 min
Response: 227172
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



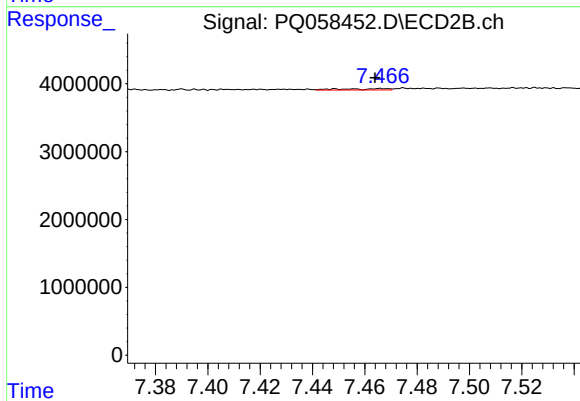
#33 AR-1260-3

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 435025
Conc: 0.84 ng/ml



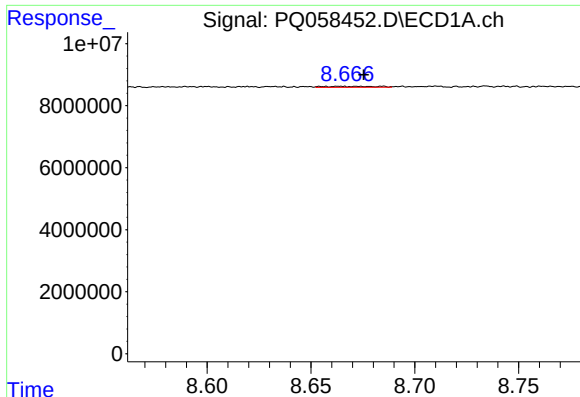
#34 AR-1260-4

R.T.: 8.327 min
Delta R.T.: -0.007 min
Response: 532552
Conc: 1.21 ng/ml



#34 AR-1260-4

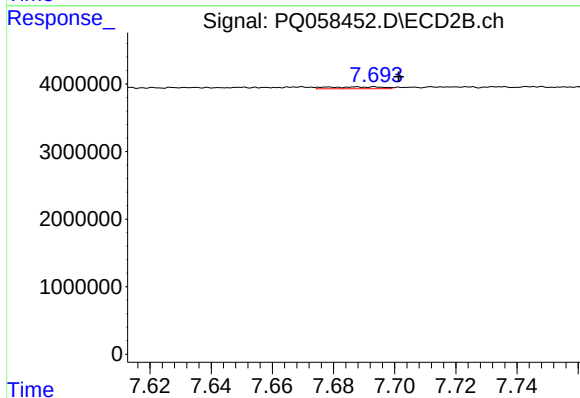
R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 242547
Conc: 0.63 ng/ml



#35 AR-1260-5

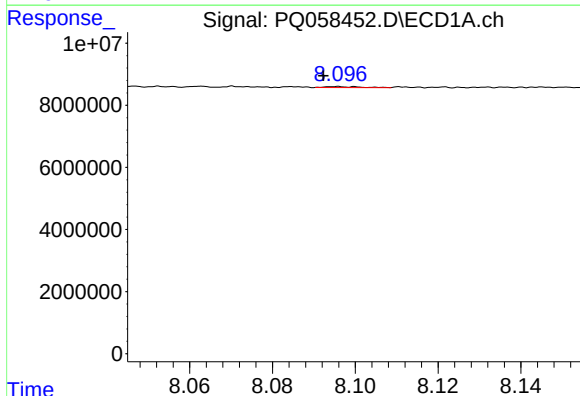
R.T.: 8.664 min
Delta R.T.: -0.012 min
Response: 567952
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



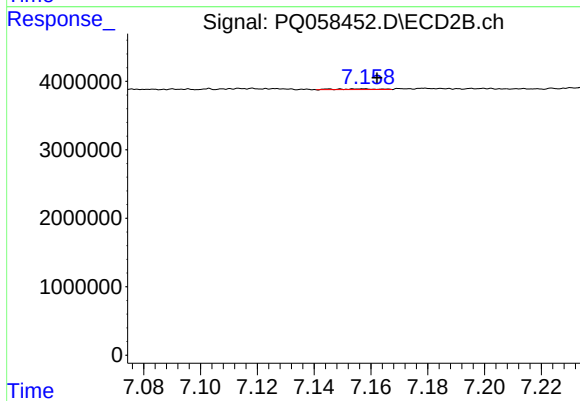
#35 AR-1260-5

R.T.: 7.694 min
Delta R.T.: -0.008 min
Response: 349919
Conc: 0.38 ng/ml



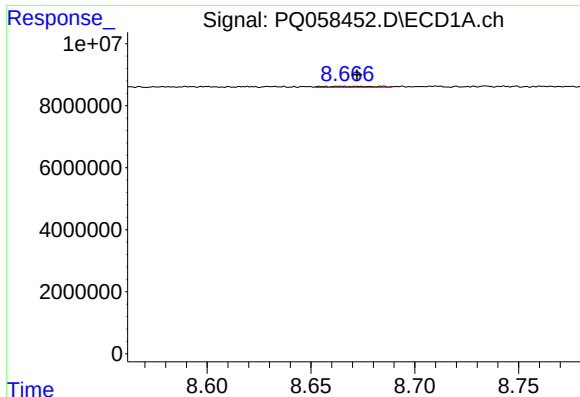
#36 AR-1262-1

R.T.: 8.096 min
Delta R.T.: 0.003 min
Response: 191833
Conc: 0.37 ng/ml



#36 AR-1262-1

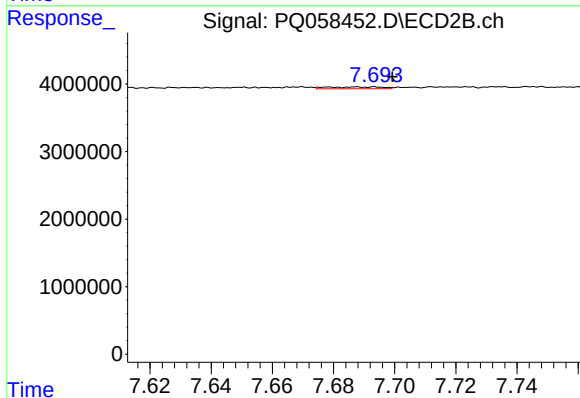
R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 103459
Conc: 0.37 ng/ml



#37 AR-1262-2

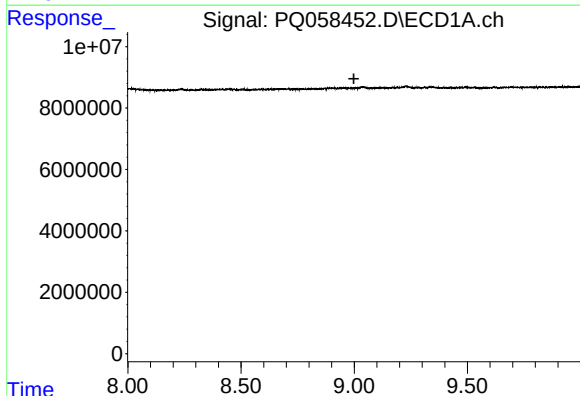
R.T.: 8.664 min
Delta R.T.: -0.009 min
Response: 567952
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



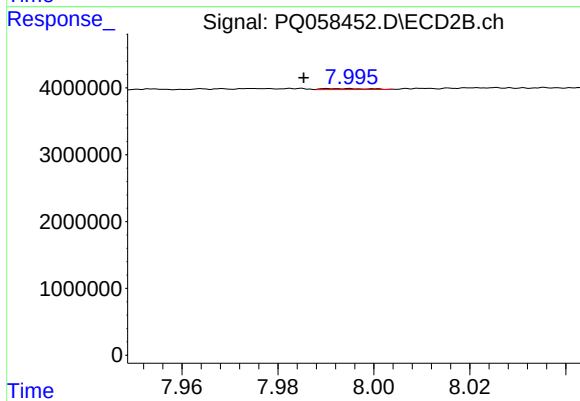
#37 AR-1262-2

R.T.: 7.694 min
Delta R.T.: -0.005 min
Response: 349919
Conc: 0.34 ng/ml



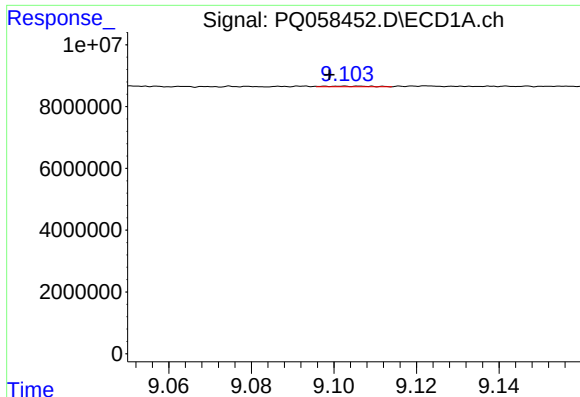
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.998 min
Response: 0
Conc: N.D.



#38 AR-1262-3

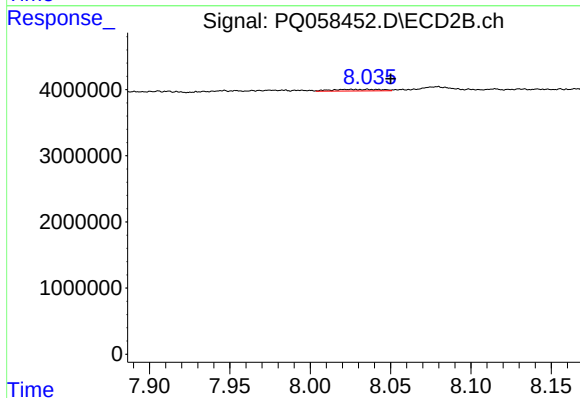
R.T.: 7.992 min
Delta R.T.: 0.007 min
Response: 108515
Conc: 0.28 ng/ml



#39 AR-1262-4

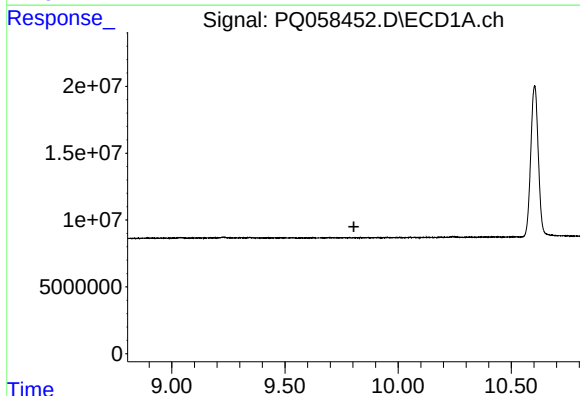
R.T.: 9.106 min
Delta R.T.: 0.007 min
Response: 155561
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



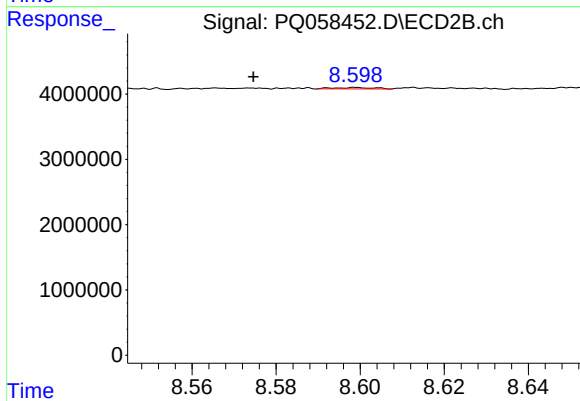
#39 AR-1262-4

R.T.: 8.025 min
Delta R.T.: -0.025 min
Response: 489456
Conc: 0.67 ng/ml



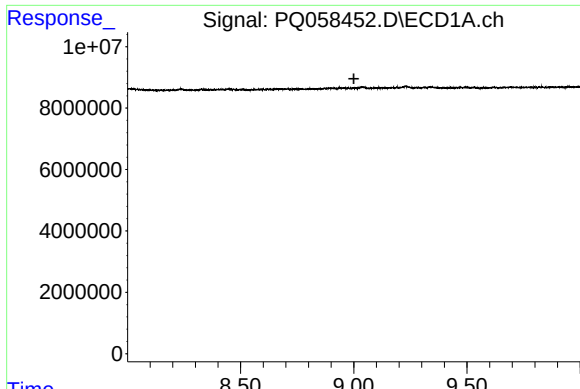
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.804 min
Response: 0
Conc: N.D.



#40 AR-1262-5

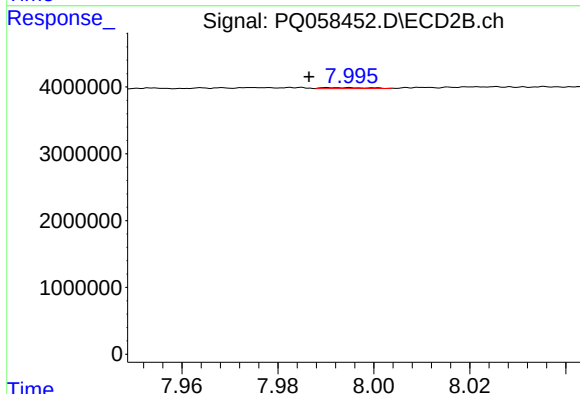
R.T.: 8.599 min
Delta R.T.: 0.024 min
Response: 147919
Conc: 0.45 ng/ml



#41 AR-1268-1

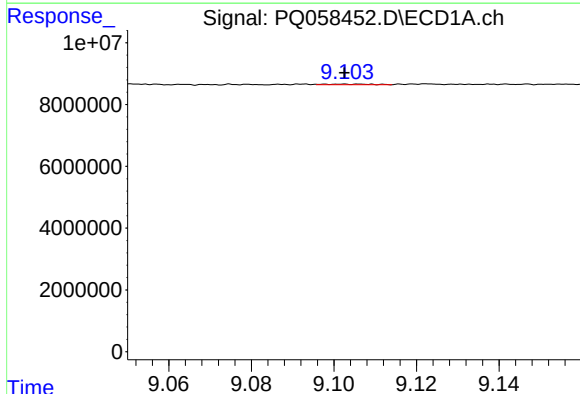
R.T.: 0.000 min
Exp R.T.: 9.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



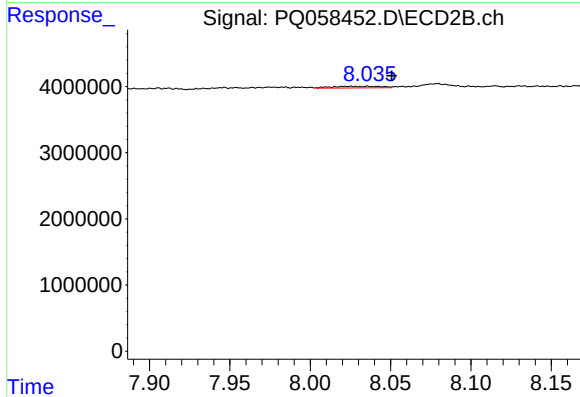
#41 AR-1268-1

R.T.: 7.992 min
Delta R.T.: 0.006 min
Response: 108515
Conc: 0.10 ng/ml



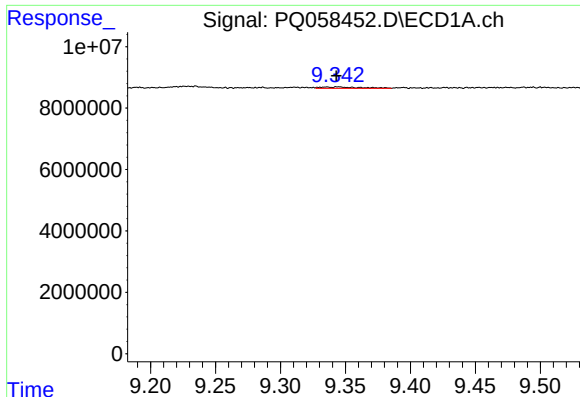
#42 AR-1268-2

R.T.: 9.106 min
Delta R.T.: 0.004 min
Response: 155561
Conc: 0.11 ng/ml



#42 AR-1268-2

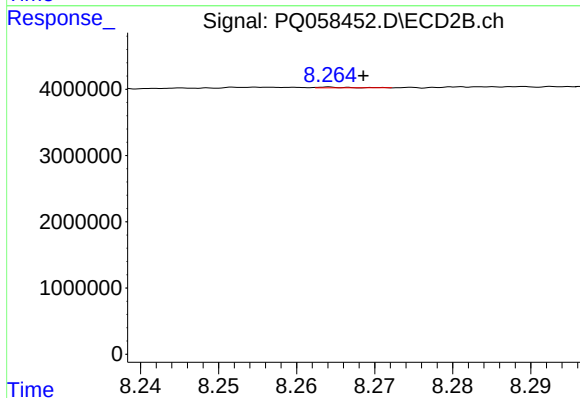
R.T.: 8.025 min
Delta R.T.: -0.025 min
Response: 489456
Conc: 0.50 ng/ml



#43 AR-1268-3

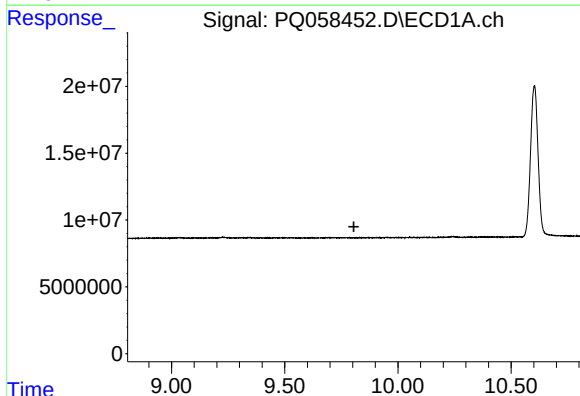
R.T.: 9.345 min
Delta R.T.: 0.002 min
Response: 920540
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



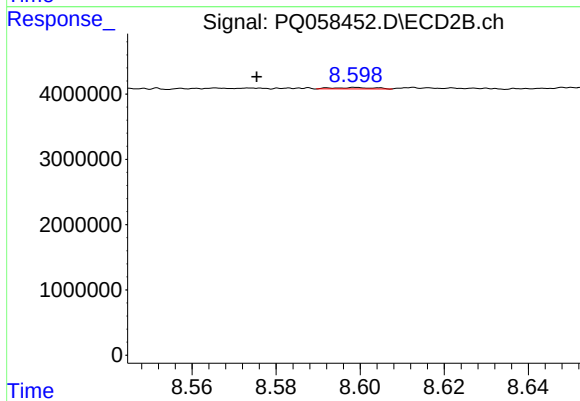
#43 AR-1268-3

R.T.: 8.264 min
Delta R.T.: -0.005 min
Response: 25794
Conc: 0.03 ng/ml



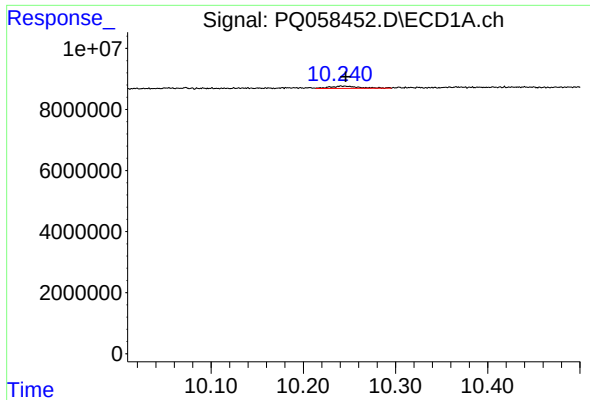
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.806 min
Response: 0
Conc: N.D.



#44 AR-1268-4

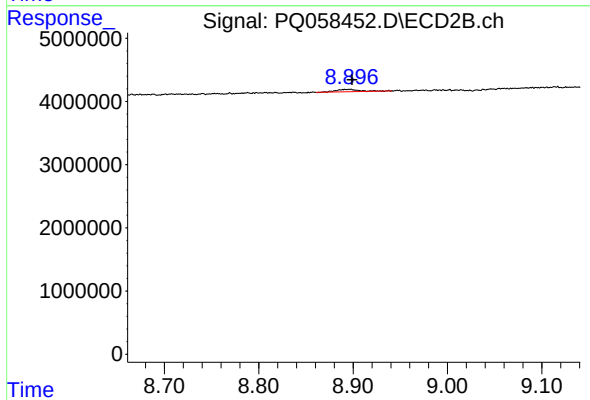
R.T.: 8.599 min
Delta R.T.: 0.024 min
Response: 147919
Conc: 0.45 ng/ml



#45 AR-1268-5

R.T.: 10.243 min
Delta R.T.: -0.003 min
Response: 1639806
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.895 min
Delta R.T.: -0.004 min
Response: 645901
Conc: 0.24 ng/ml