

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070122\
 Data File : PQ058517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2022 12:30
 Operator : YP\AJ
 Sample : N3214-09
 Misc : AR1268 MDL 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:18:16 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...	4.683	4.043	206.9E6	169.3E6	16.160	15.620
2)	SA Decachlor...	10.602	9.177	208.3E6	127.9E6	17.313	17.056
Target Compounds							
3)	L1 AR-1016-1	5.859	5.145	577579	113807	1.791	0.326 #
4)	L1 AR-1016-2	5.903	5.185	423292	668864	0.752	1.333 #
5)	L1 AR-1016-3	5.964	0.000	251065	0	0.692	N.D. #
6)	L1 AR-1016-4	6.047	0.000	115490	0	0.379	N.D. #
7)	L1 AR-1016-5	6.342	5.613	290807	2998004	1.198	11.531 #
8)	L2 AR-1221-1	4.893	4.276	276860	78194	2.459	0.834 #
9)	L2 AR-1221-2	4.996	4.351	3479425	2420081	38.890	34.694
10)	L2 AR-1221-3	5.067	4.447f	165696	328372	0.603	1.462 #
11)	L3 AR-1232-1	5.067	4.447f	165696	328372	0.673	1.623 #
12)	L3 AR-1232-2	5.601	5.185	468474	668864	4.059	3.479
13)	L3 AR-1232-3	5.903	0.000	423292	0	1.916	N.D. #
14)	L3 AR-1232-4	6.047	5.423	115490	661224	0.955	7.814 #
15)	L3 AR-1232-5	6.143	5.613	944946	2998004	13.083	31.921 #
16)	L4 AR-1242-1	5.859	5.145	577579	113807	2.725	0.502 #
17)	L4 AR-1242-2	5.903	5.185	423292	668864	1.163	2.100 #
18)	L4 AR-1242-3	5.964	0.000	251065	0	1.057	N.D. #
19)	L4 AR-1242-4	6.047	5.423	115490	661224	0.584	4.150 #
20)	L4 AR-1242-5	6.788	5.987f	415474	484961	2.431	2.592
21)	L5 AR-1248-1	5.859	5.145	577579	113807	4.097	0.766 #
22)	L5 AR-1248-2	6.143	0.000	944946	0	5.025	N.D. #
23)	L5 AR-1248-3	6.342	5.423	290807	661224	1.284	3.288 #
24)	L5 AR-1248-4	6.727f	5.613	623454	2998004	2.592	12.285 #
25)	L5 AR-1248-5	6.788	5.987f	415474	484961	1.635	2.172 #
26)	L6 AR-1254-1	6.727	5.987f	623454	484961	2.134	1.062 #
27)	L6 AR-1254-2	6.966f	6.087f	778892	886461	1.706	2.203 #
28)	L6 AR-1254-3	7.338f	6.512	2286922	280047	4.412	0.427 #
29)	L6 AR-1254-4	7.624f	6.713f	644852	459029	1.712	1.154 #
30)	L6 AR-1254-5	8.029	0.000	487663	0	1.099	N.D. #
31)	L7 AR-1260-1	7.479	6.664f	548153	1101393	1.361	2.341 #
32)	L7 AR-1260-2	7.707f	6.821	1924175	1083465	3.984	1.922 #
33)	L7 AR-1260-3	8.029	6.990	487663	594690	0.759	1.142 #
34)	L7 AR-1260-4	8.348	7.455	6898887	5117593	15.667	13.316
35)	L7 AR-1260-5	8.671	7.694	3051441	2767253	3.080	2.977
36)	L8 AR-1262-1	8.092	0.000	4607910	0	8.894	N.D. #
37)	L8 AR-1262-2	8.671	7.694	3051441	2767253	2.794	2.671
38)	L8 AR-1262-3	8.999	7.980	28676404	20682086	52.476	53.313
39)	L8 AR-1262-4	9.100	8.045	28775790	18486236	68.795	25.147 #
40)	L8 AR-1262-5	9.804	8.569	9065284	6335884	19.259	19.485
41)	L9 AR-1268-1	8.999	7.980	28676404	20682086	21.822	19.270

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070122\
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 Acq On : 01 Jul 2022 12:30
 Operator : YP\AJ
 Sample : N3214-09
 Misc : AR1268 MDL 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

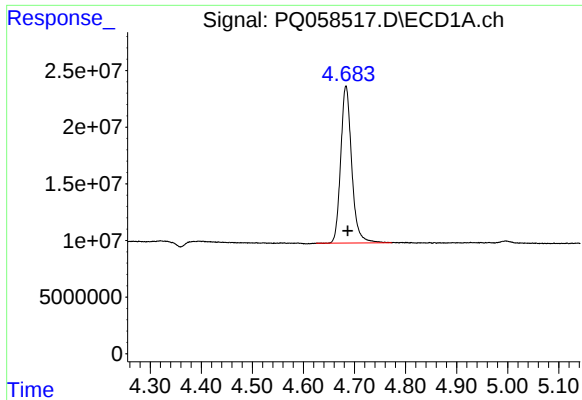
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:18:16 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	9.100	8.045	28775790	18486236	21.005	18.800
43) L9	AR-1268-3	9.340	8.262	26781435	14928756	21.504	18.034
44) L9	AR-1268-4	9.804	8.569	9065284	6335884	18.901	19.261
45) L9	AR-1268-5	10.243	8.892	78665889	47123750	19.972	17.609

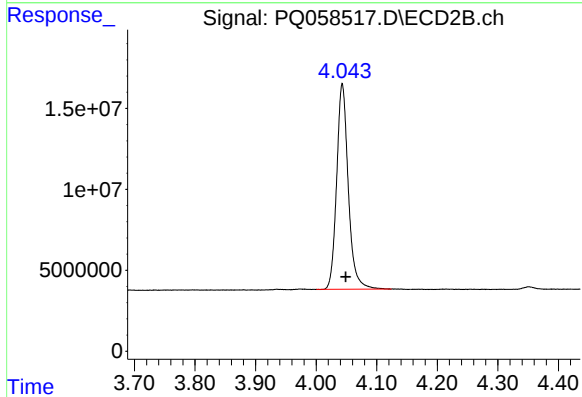
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

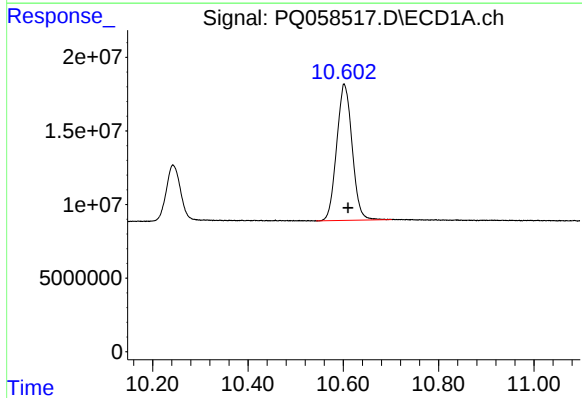
R.T.: 4.683 min
Delta R.T.: -0.004 min
Response: 206878491
Conc: 16.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



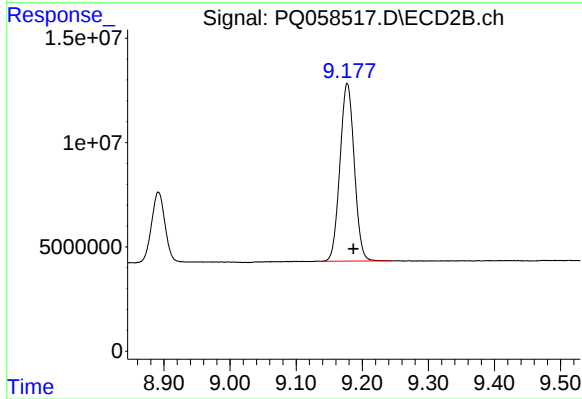
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.006 min
Response: 169295970
Conc: 15.62 ng/ml



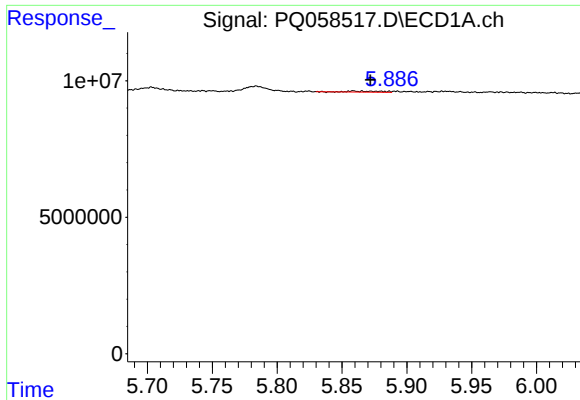
#2 Decachlorobiphenyl

R.T.: 10.602 min
Delta R.T.: -0.007 min
Response: 208309893
Conc: 17.31 ng/ml



#2 Decachlorobiphenyl

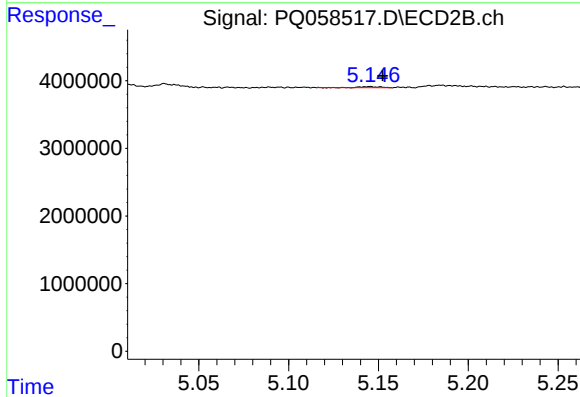
R.T.: 9.177 min
Delta R.T.: -0.010 min
Response: 127902087
Conc: 17.06 ng/ml



#3 AR-1016-1

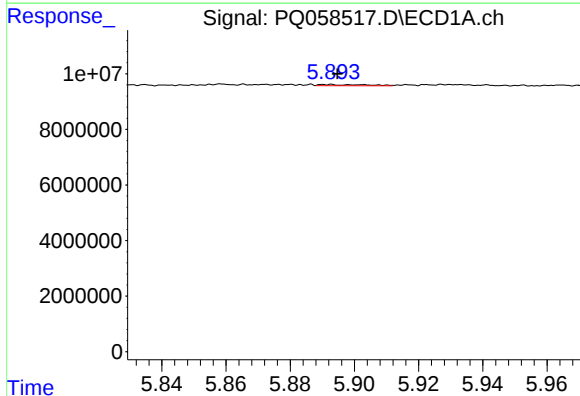
R.T.: 5.859 min
Delta R.T.: -0.013 min
Response: 577579
Conc: 1.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



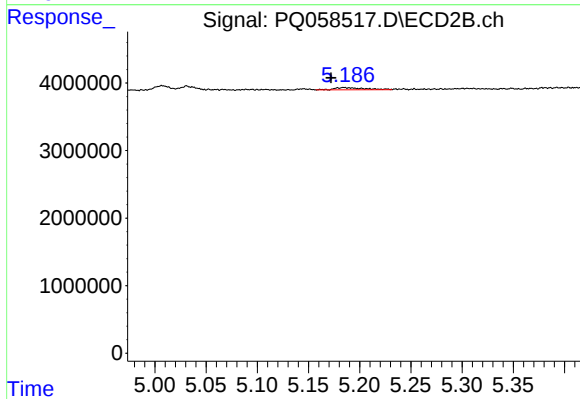
#3 AR-1016-1

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 113807
Conc: 0.33 ng/ml



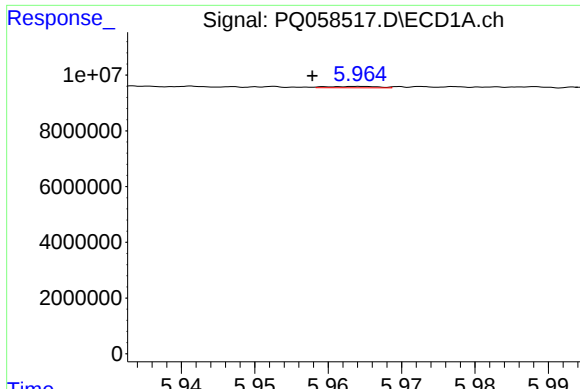
#4 AR-1016-2

R.T.: 5.903 min
Delta R.T.: 0.008 min
Response: 423292
Conc: 0.75 ng/ml



#4 AR-1016-2

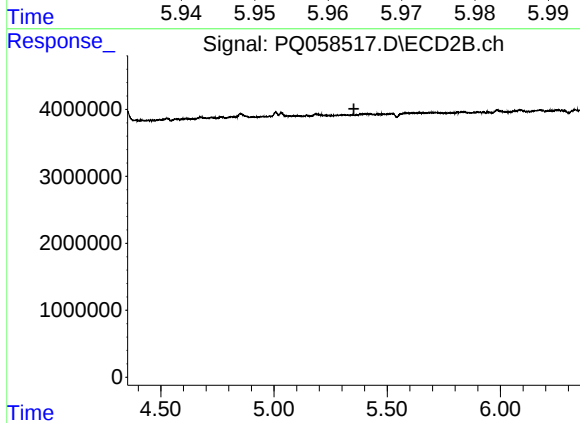
R.T.: 5.185 min
Delta R.T.: 0.013 min
Response: 668864
Conc: 1.33 ng/ml



#5 AR-1016-3

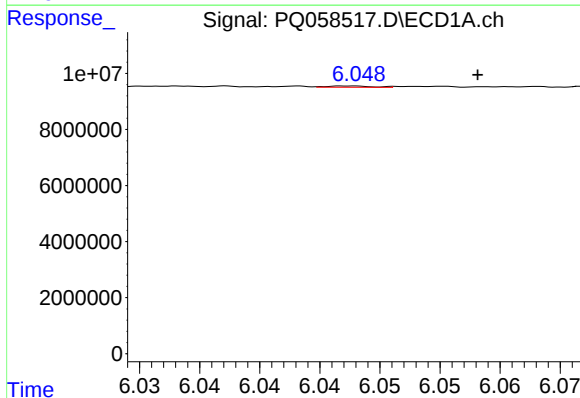
R.T.: 5.964 min
Delta R.T.: 0.006 min
Response: 251065
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



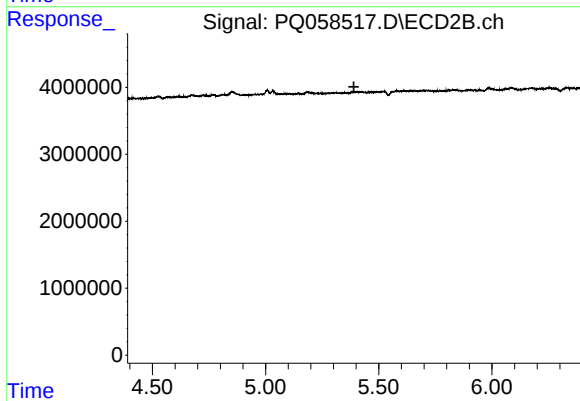
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.353 min
Response: 0
Conc: N.D.



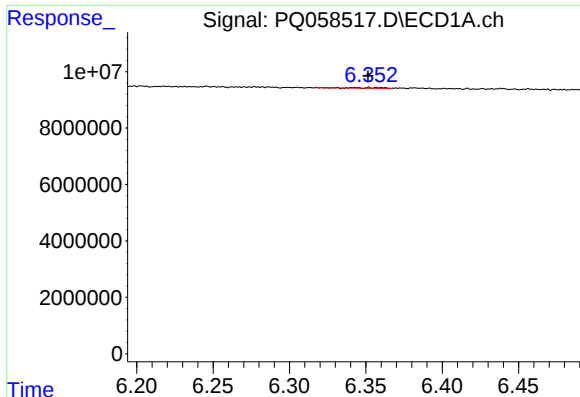
#6 AR-1016-4

R.T.: 6.047 min
Delta R.T.: -0.011 min
Response: 115490
Conc: 0.38 ng/ml



#6 AR-1016-4

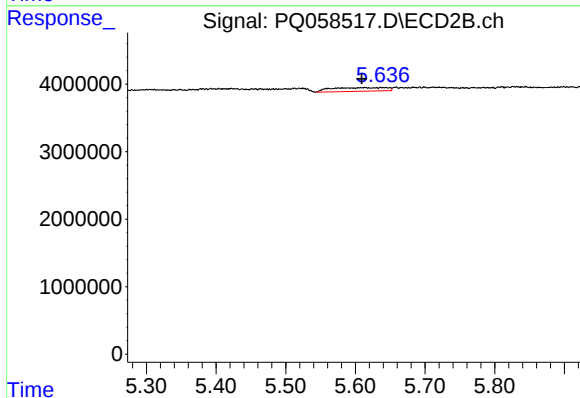
R.T.: 0.000 min
Exp R.T. : 5.390 min
Response: 0
Conc: N.D.



#7 AR-1016-5

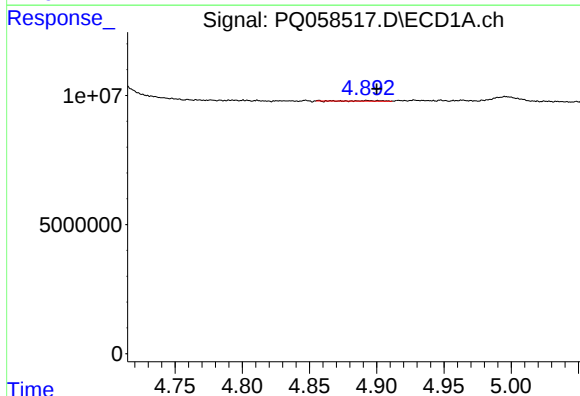
R.T.: 6.342 min
Delta R.T.: -0.009 min
Response: 290807
Conc: 1.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



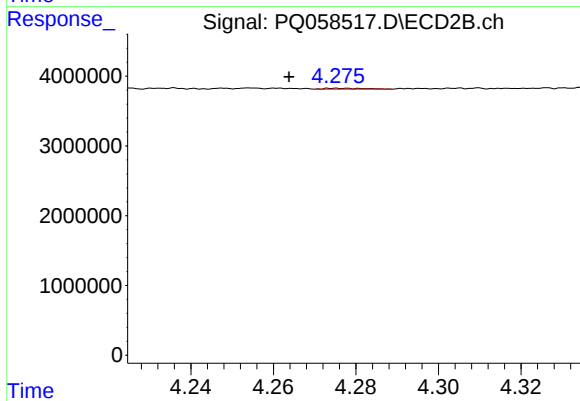
#7 AR-1016-5

R.T.: 5.613 min
Delta R.T.: 0.004 min
Response: 2998004
Conc: 11.53 ng/ml



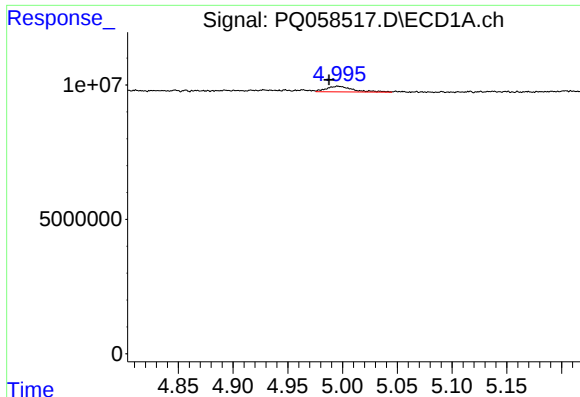
#8 AR-1221-1

R.T.: 4.893 min
Delta R.T.: -0.007 min
Response: 276860
Conc: 2.46 ng/ml



#8 AR-1221-1

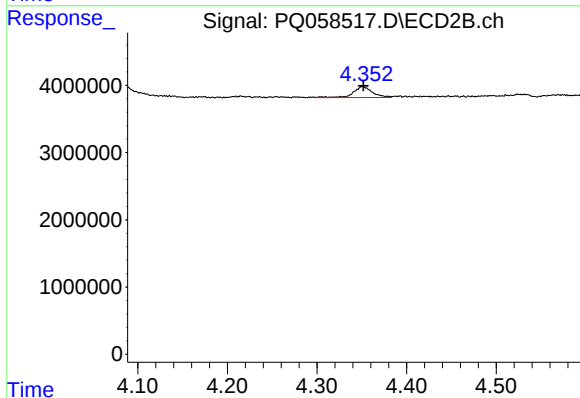
R.T.: 4.276 min
Delta R.T.: 0.012 min
Response: 78194
Conc: 0.83 ng/ml



#9 AR-1221-2

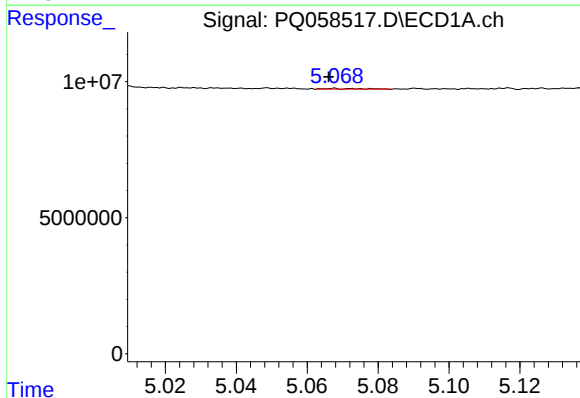
R.T.: 4.996 min
Delta R.T.: 0.008 min
Response: 3479425
Conc: 38.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



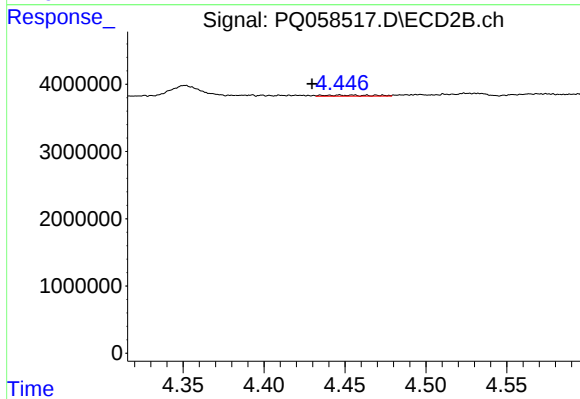
#9 AR-1221-2

R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 2420081
Conc: 34.69 ng/ml



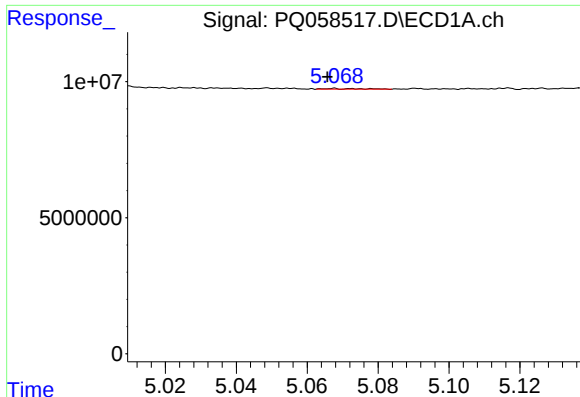
#10 AR-1221-3

R.T.: 5.067 min
Delta R.T.: 0.001 min
Response: 165696
Conc: 0.60 ng/ml



#10 AR-1221-3

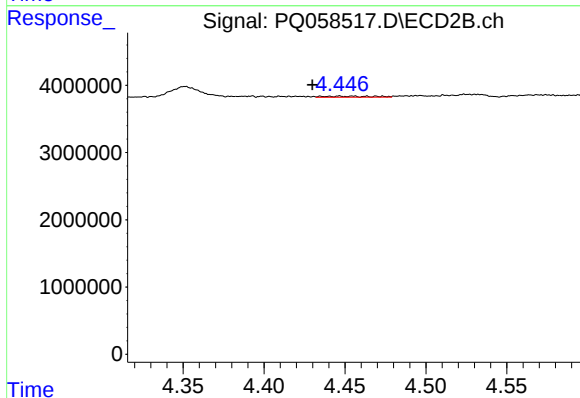
R.T.: 4.447 min
Delta R.T.: 0.017 min
Response: 328372
Conc: 1.46 ng/ml



#11 AR-1232-1

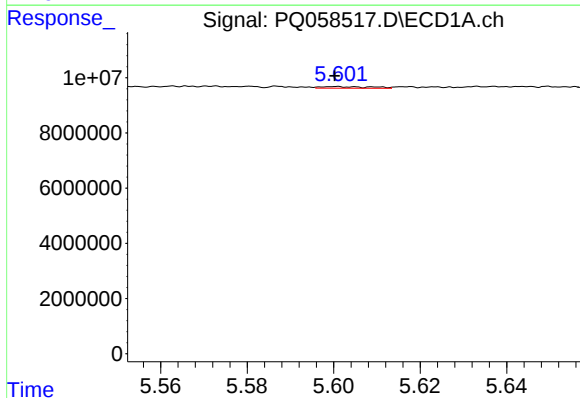
R.T.: 5.067 min
Delta R.T.: 0.002 min
Response: 165696
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



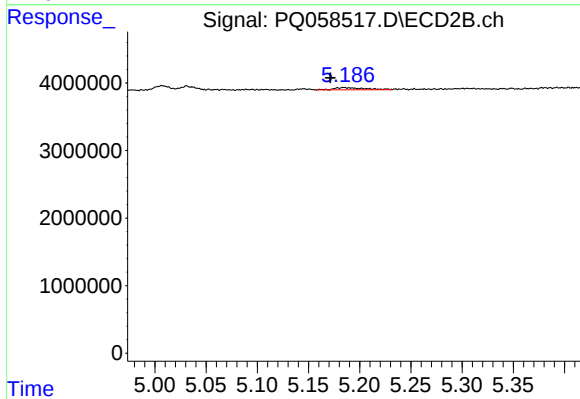
#11 AR-1232-1

R.T.: 4.447 min
Delta R.T.: 0.017 min
Response: 328372
Conc: 1.62 ng/ml



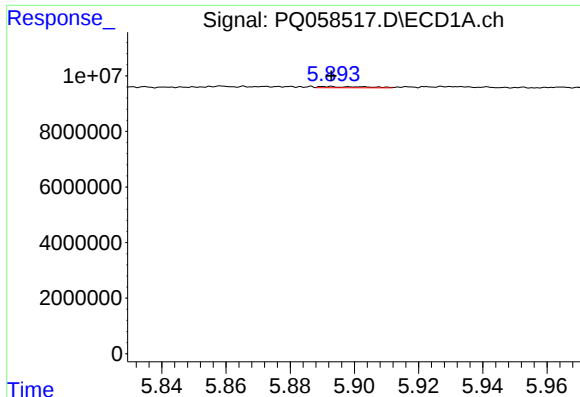
#12 AR-1232-2

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 468474
Conc: 4.06 ng/ml



#12 AR-1232-2

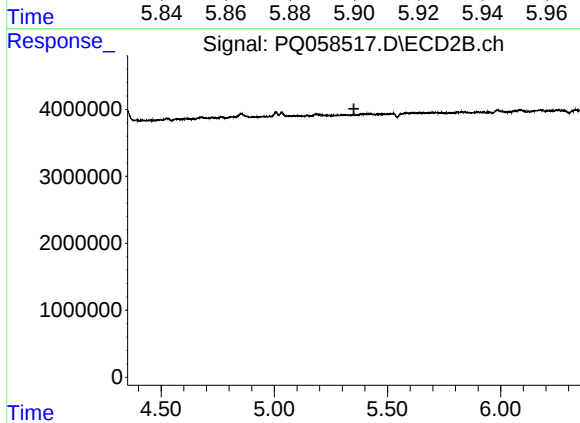
R.T.: 5.185 min
Delta R.T.: 0.013 min
Response: 668864
Conc: 3.48 ng/ml



#13 AR-1232-3

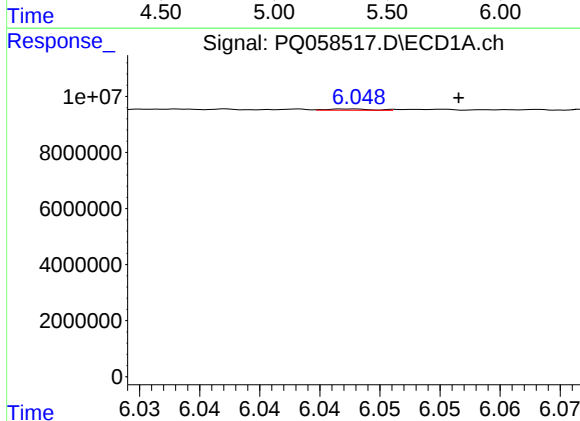
R.T.: 5.903 min
Delta R.T.: 0.010 min
Response: 423292
Conc: 1.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



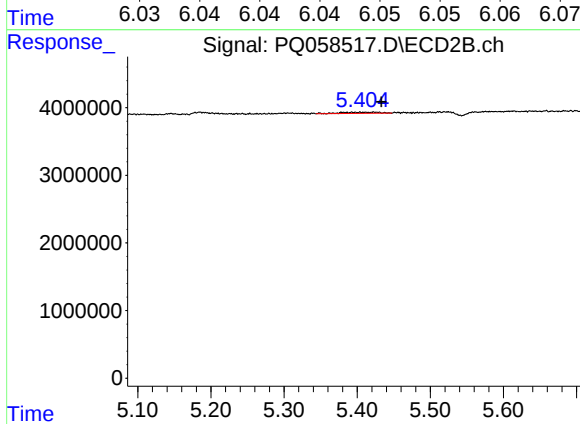
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.352 min
Response: 0
Conc: N.D.



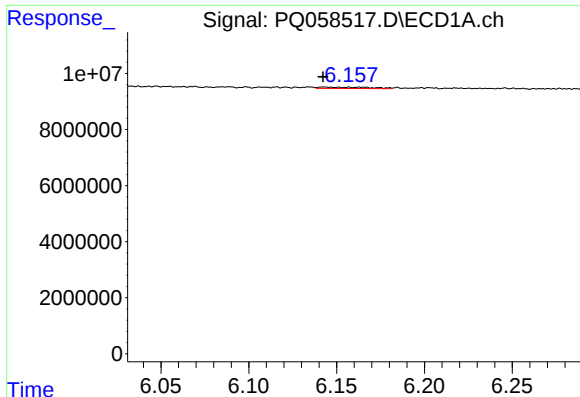
#14 AR-1232-4

R.T.: 6.047 min
Delta R.T.: -0.009 min
Response: 115490
Conc: 0.95 ng/ml



#14 AR-1232-4

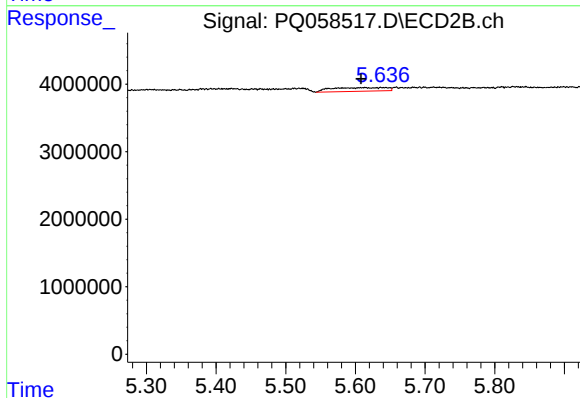
R.T.: 5.423 min
Delta R.T.: -0.011 min
Response: 661224
Conc: 7.81 ng/ml



#15 AR-1232-5

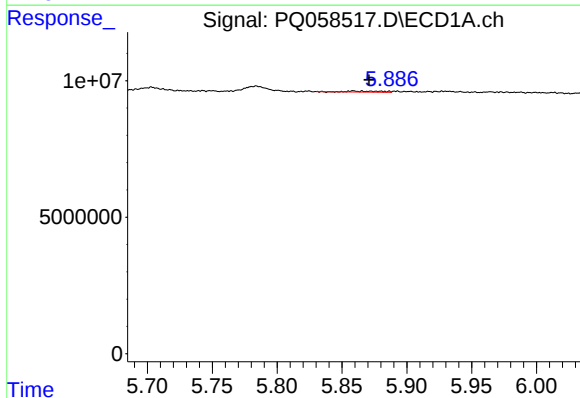
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 944946
Conc: 13.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



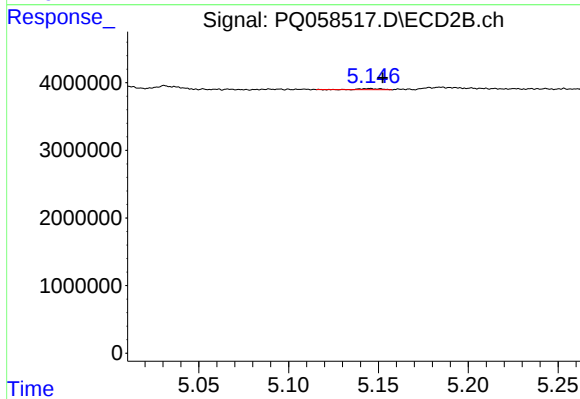
#15 AR-1232-5

R.T.: 5.613 min
Delta R.T.: 0.005 min
Response: 2998004
Conc: 31.92 ng/ml



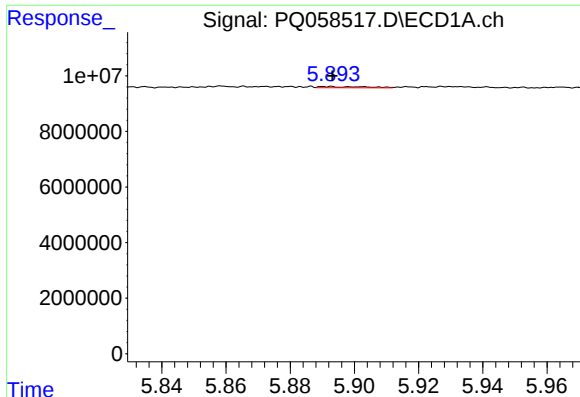
#16 AR-1242-1

R.T.: 5.859 min
Delta R.T.: -0.012 min
Response: 577579
Conc: 2.73 ng/ml



#16 AR-1242-1

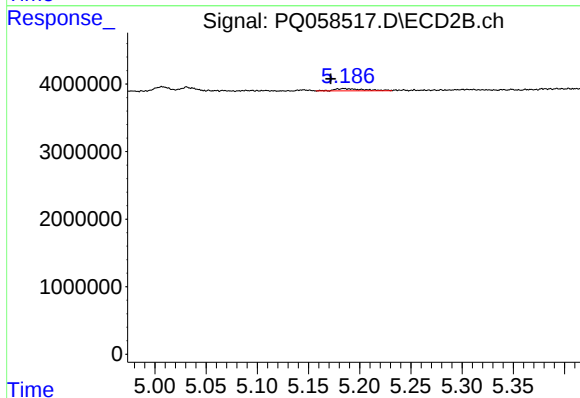
R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 113807
Conc: 0.50 ng/ml



#17 AR-1242-2

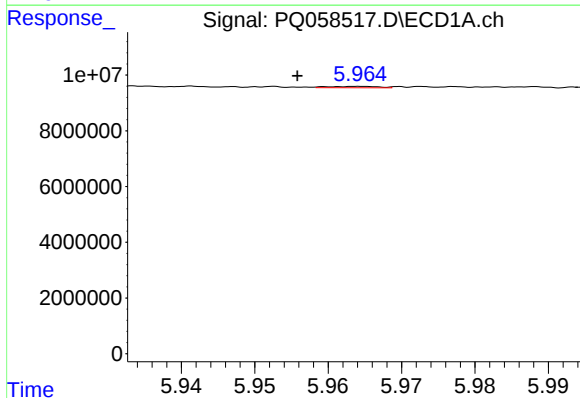
R.T.: 5.903 min
Delta R.T.: 0.009 min
Response: 423292
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



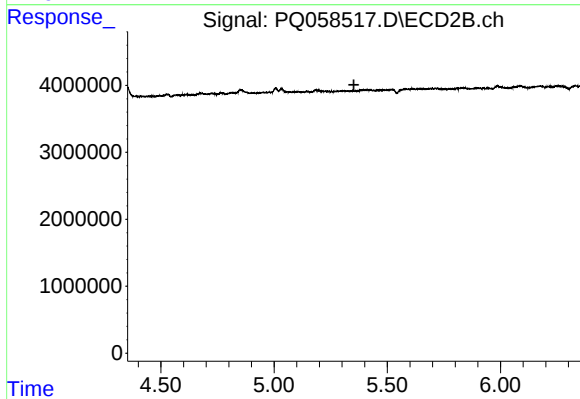
#17 AR-1242-2

R.T.: 5.185 min
Delta R.T.: 0.013 min
Response: 668864
Conc: 2.10 ng/ml



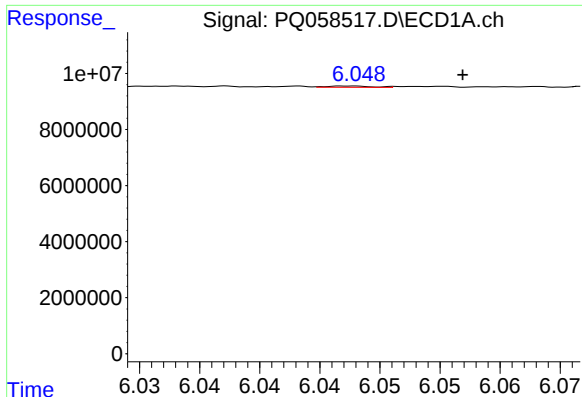
#18 AR-1242-3

R.T.: 5.964 min
Delta R.T.: 0.008 min
Response: 251065
Conc: 1.06 ng/ml



#18 AR-1242-3

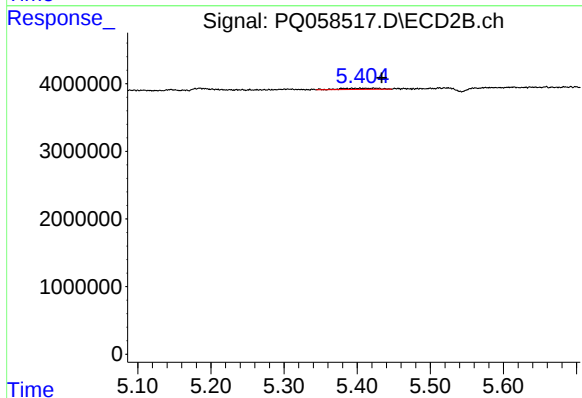
R.T.: 0.000 min
Exp R.T. : 5.352 min
Response: 0
Conc: N.D.



#19 AR-1242-4

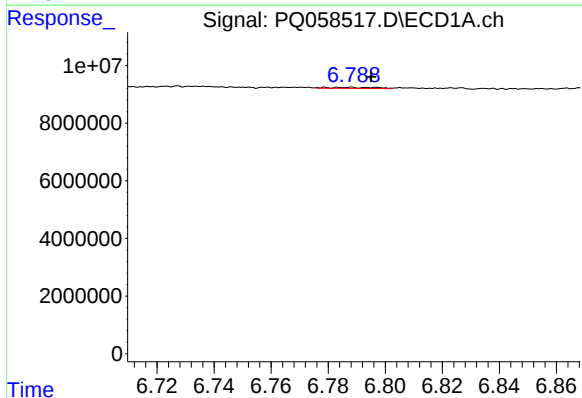
R.T.: 6.047 min
Delta R.T.: -0.009 min
Response: 115490
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



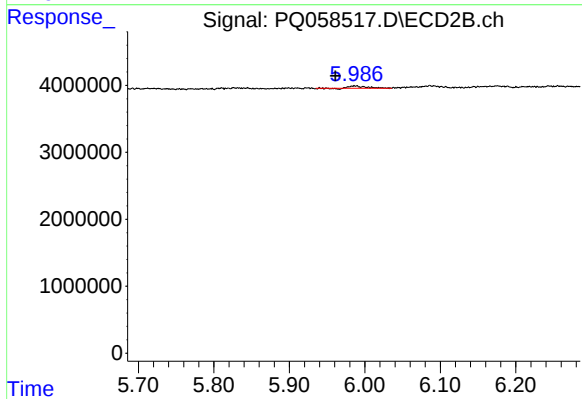
#19 AR-1242-4

R.T.: 5.423 min
Delta R.T.: -0.011 min
Response: 661224
Conc: 4.15 ng/ml



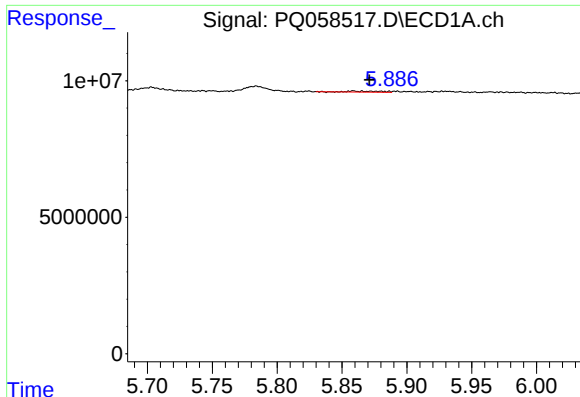
#20 AR-1242-5

R.T.: 6.788 min
Delta R.T.: -0.007 min
Response: 415474
Conc: 2.43 ng/ml



#20 AR-1242-5

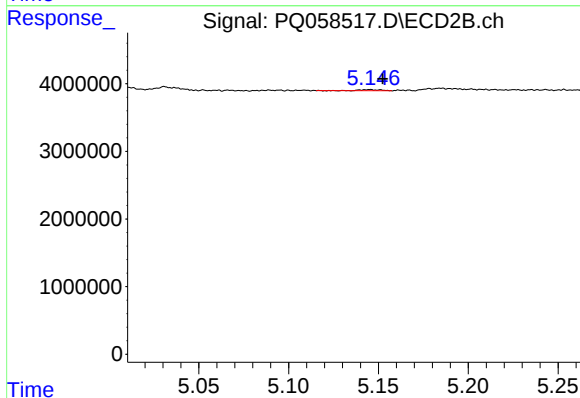
R.T.: 5.987 min
Delta R.T.: 0.025 min
Response: 484961
Conc: 2.59 ng/ml



#21 AR-1248-1

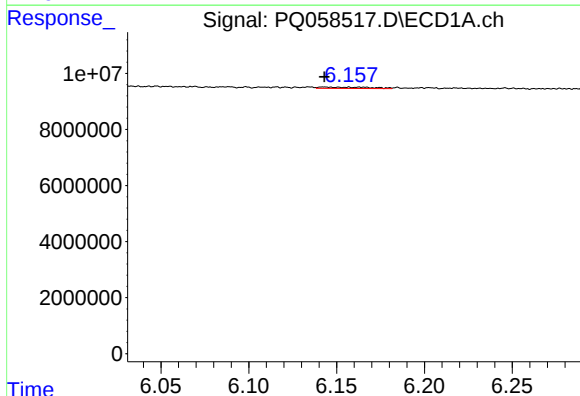
R.T.: 5.859 min
Delta R.T.: -0.013 min
Response: 577579
Conc: 4.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



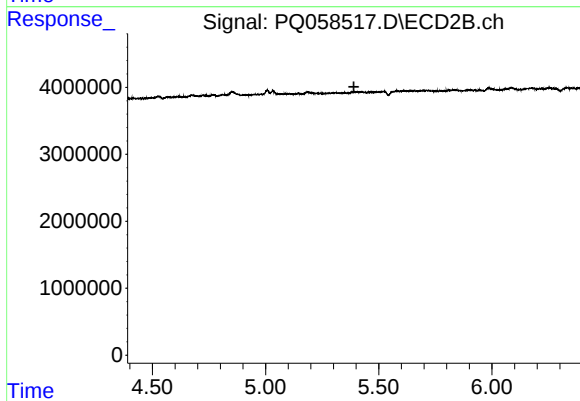
#21 AR-1248-1

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 113807
Conc: 0.77 ng/ml



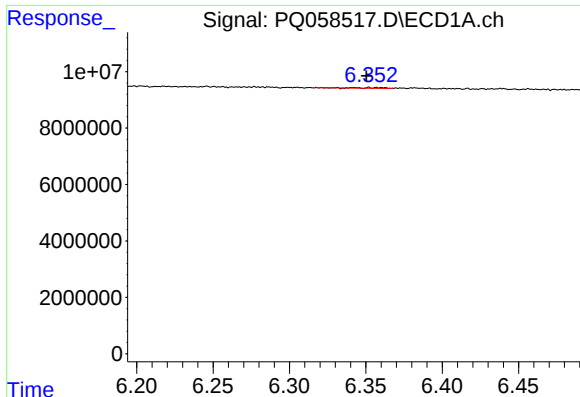
#22 AR-1248-2

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 944946
Conc: 5.02 ng/ml



#22 AR-1248-2

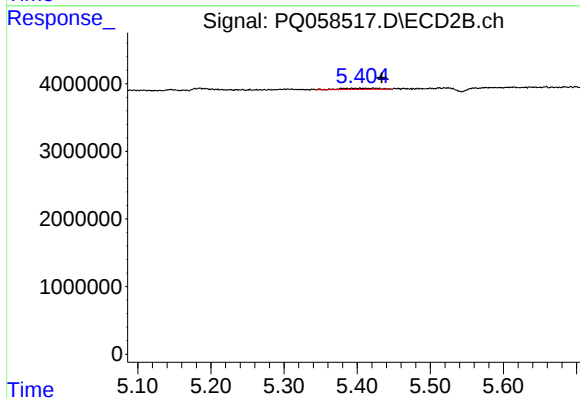
R.T.: 0.000 min
Exp R.T. : 5.390 min
Response: 0
Conc: N.D.



#23 AR-1248-3

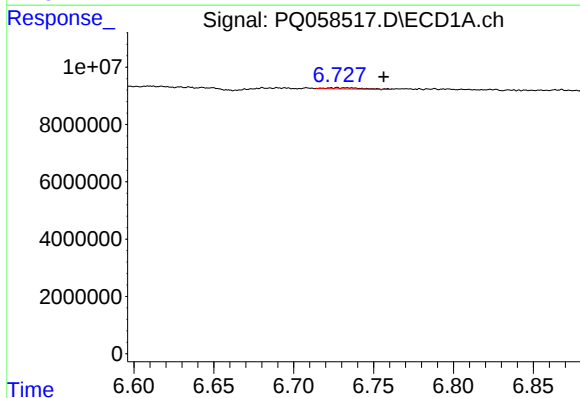
R.T.: 6.342 min
Delta R.T.: -0.008 min
Response: 290807
Conc: 1.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



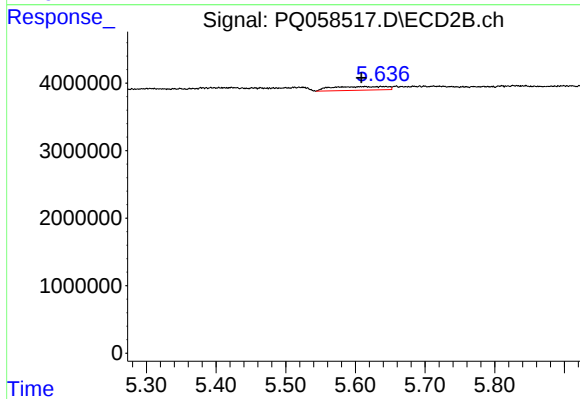
#23 AR-1248-3

R.T.: 5.423 min
Delta R.T.: -0.011 min
Response: 661224
Conc: 3.29 ng/ml



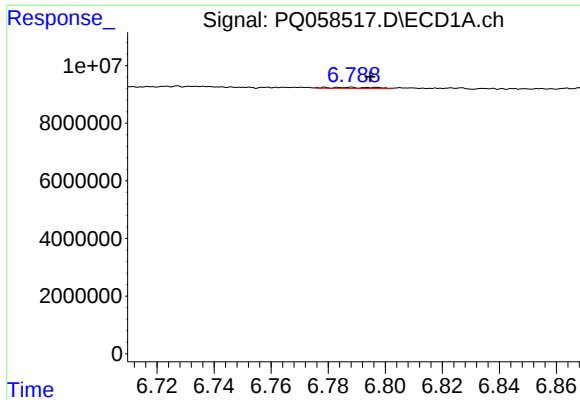
#24 AR-1248-4

R.T.: 6.727 min
Delta R.T.: -0.029 min
Response: 623454
Conc: 2.59 ng/ml



#24 AR-1248-4

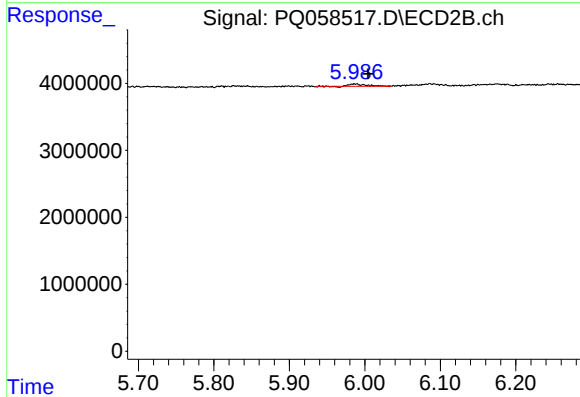
R.T.: 5.613 min
Delta R.T.: 0.005 min
Response: 2998004
Conc: 12.28 ng/ml



#25 AR-1248-5

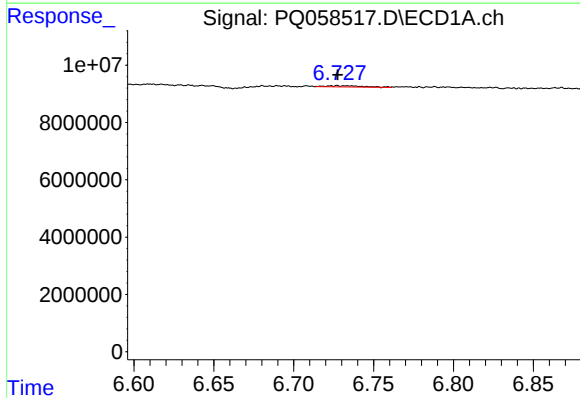
R.T.: 6.788 min
Delta R.T.: -0.007 min
Response: 415474
Conc: 1.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



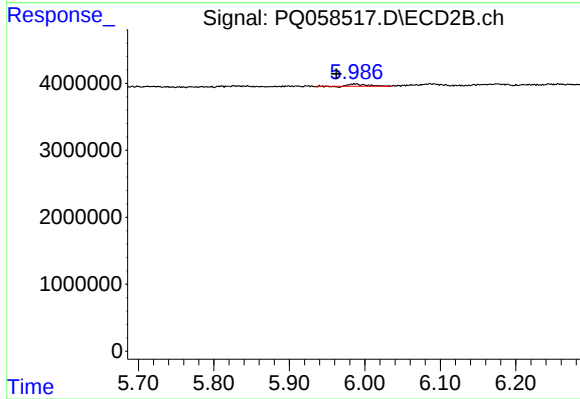
#25 AR-1248-5

R.T.: 5.987 min
Delta R.T.: -0.018 min
Response: 484961
Conc: 2.17 ng/ml



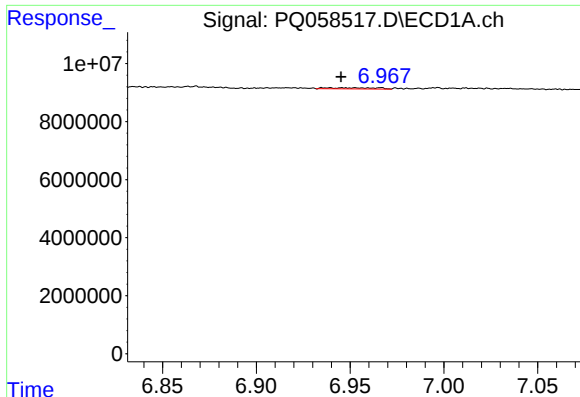
#26 AR-1254-1

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 623454
Conc: 2.13 ng/ml



#26 AR-1254-1

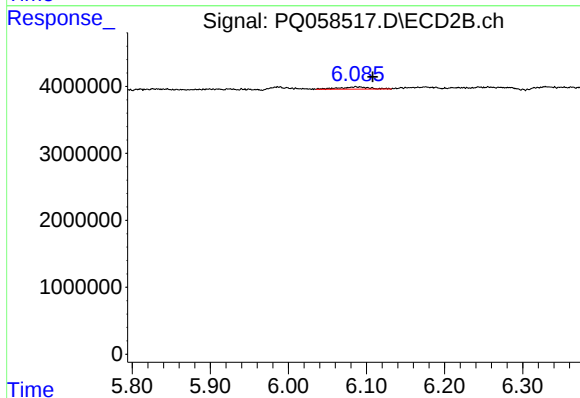
R.T.: 5.987 min
Delta R.T.: 0.024 min
Response: 484961
Conc: 1.06 ng/ml



#27 AR-1254-2

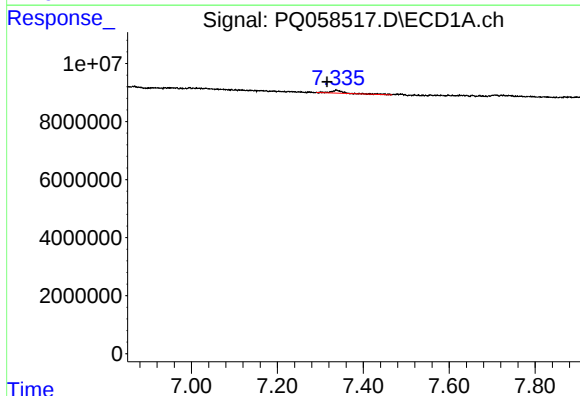
R.T.: 6.966 min
Delta R.T.: 0.021 min
Response: 778892
Conc: 1.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



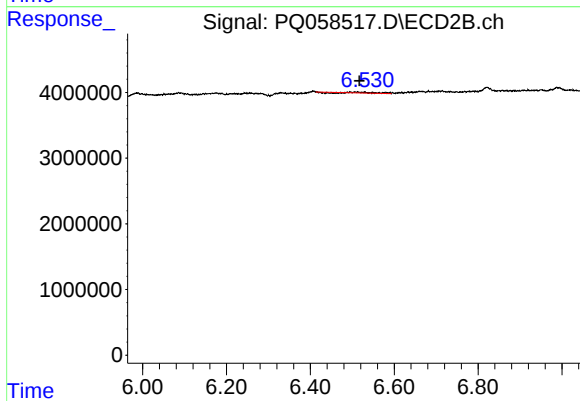
#27 AR-1254-2

R.T.: 6.087 min
Delta R.T.: -0.021 min
Response: 886461
Conc: 2.20 ng/ml



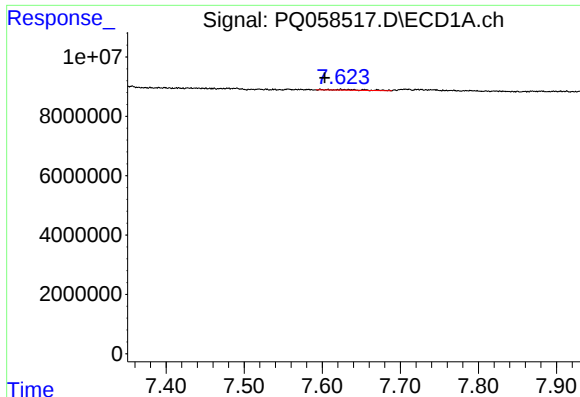
#28 AR-1254-3

R.T.: 7.338 min
Delta R.T.: 0.022 min
Response: 2286922
Conc: 4.41 ng/ml



#28 AR-1254-3

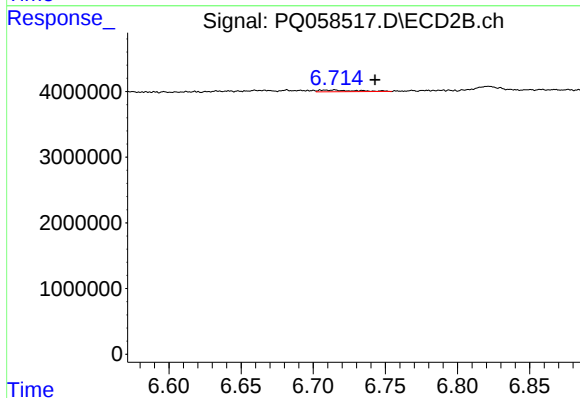
R.T.: 6.512 min
Delta R.T.: -0.005 min
Response: 280047
Conc: 0.43 ng/ml



#29 AR-1254-4

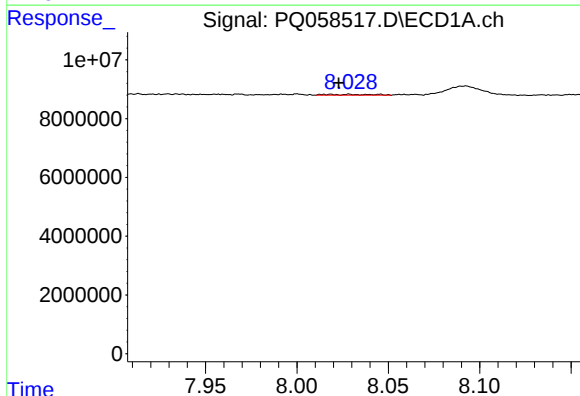
R.T.: 7.624 min
Delta R.T.: 0.021 min
Response: 644852
Conc: 1.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



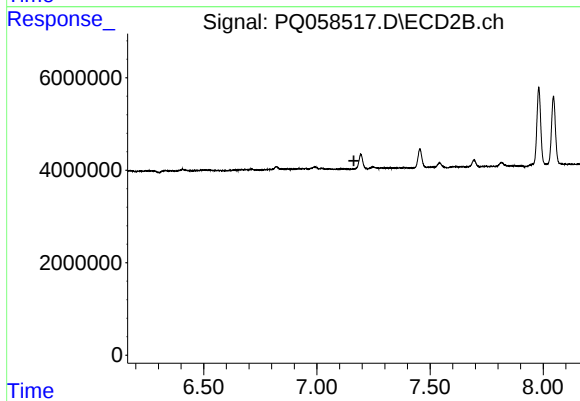
#29 AR-1254-4

R.T.: 6.713 min
Delta R.T.: -0.030 min
Response: 459029
Conc: 1.15 ng/ml



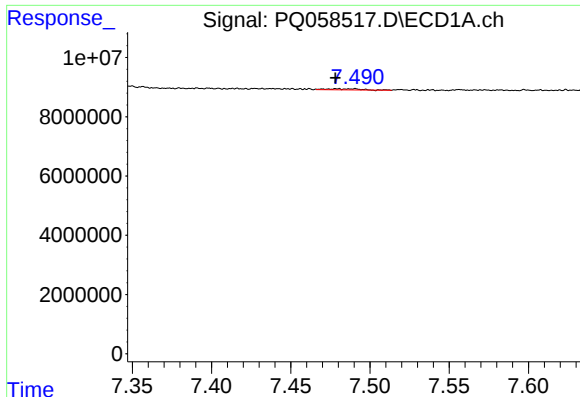
#30 AR-1254-5

R.T.: 8.029 min
Delta R.T.: 0.006 min
Response: 487663
Conc: 1.10 ng/ml



#30 AR-1254-5

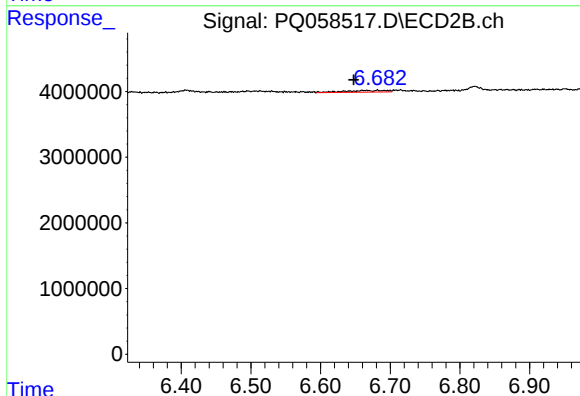
R.T.: 0.000 min
Exp R.T. : 7.164 min
Response: 0
Conc: N.D.



#31 AR-1260-1

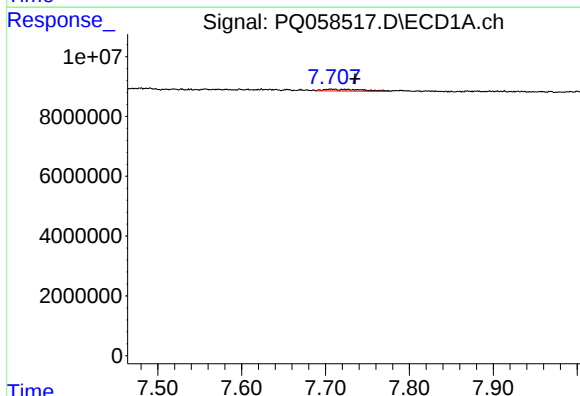
R.T.: 7.479 min
Delta R.T.: 0.001 min
Response: 548153
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



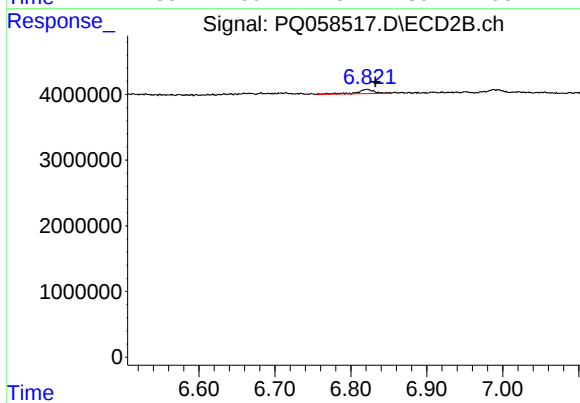
#31 AR-1260-1

R.T.: 6.664 min
Delta R.T.: 0.016 min
Response: 1101393
Conc: 2.34 ng/ml



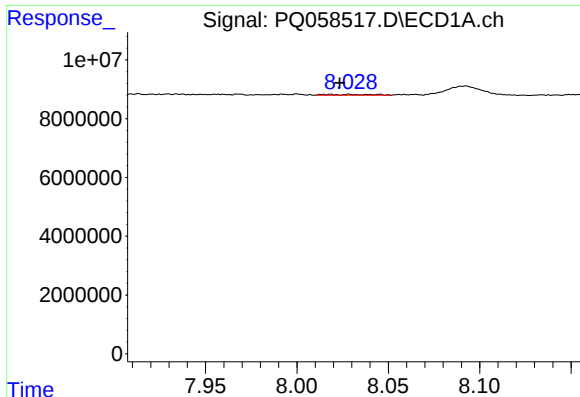
#32 AR-1260-2

R.T.: 7.707 min
Delta R.T.: -0.028 min
Response: 1924175
Conc: 3.98 ng/ml



#32 AR-1260-2

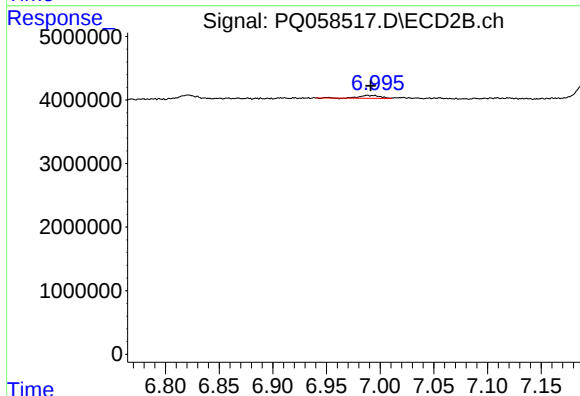
R.T.: 6.821 min
Delta R.T.: -0.012 min
Response: 1083465
Conc: 1.92 ng/ml



#33 AR-1260-3

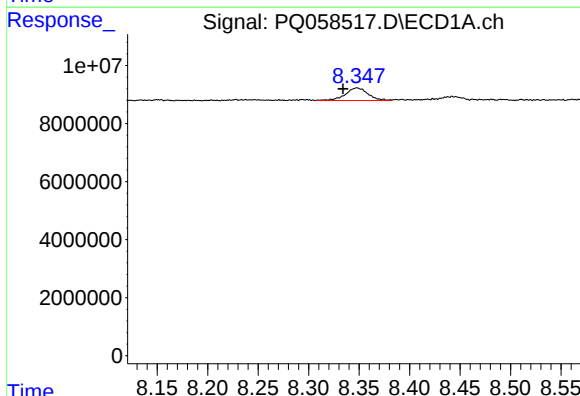
R.T.: 8.029 min
Delta R.T.: 0.006 min
Response: 487663
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



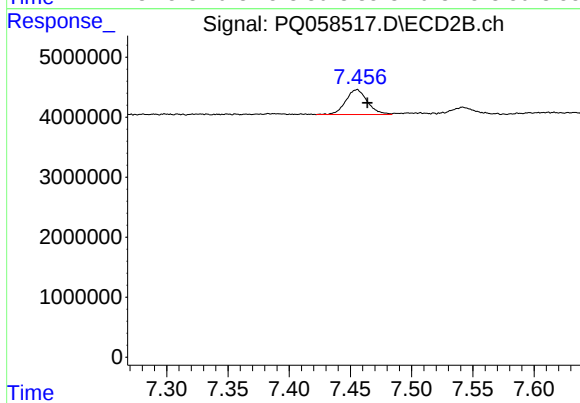
#33 AR-1260-3

R.T.: 6.990 min
Delta R.T.: -0.001 min
Response: 594690
Conc: 1.14 ng/ml



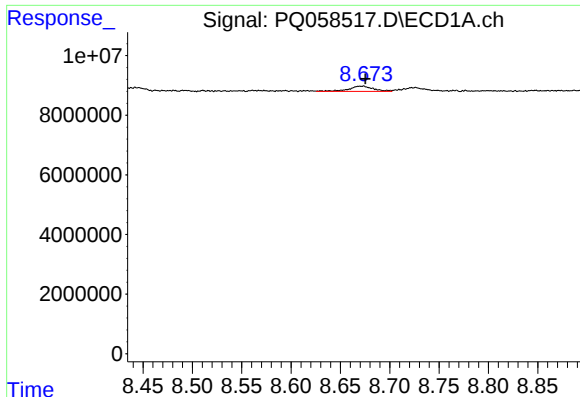
#34 AR-1260-4

R.T.: 8.348 min
Delta R.T.: 0.014 min
Response: 6898887
Conc: 15.67 ng/ml



#34 AR-1260-4

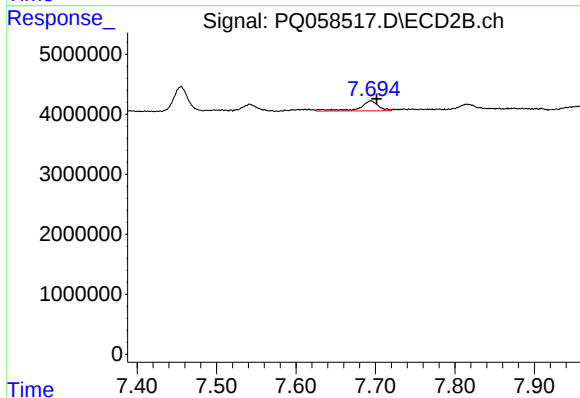
R.T.: 7.455 min
Delta R.T.: -0.009 min
Response: 5117593
Conc: 13.32 ng/ml



#35 AR-1260-5

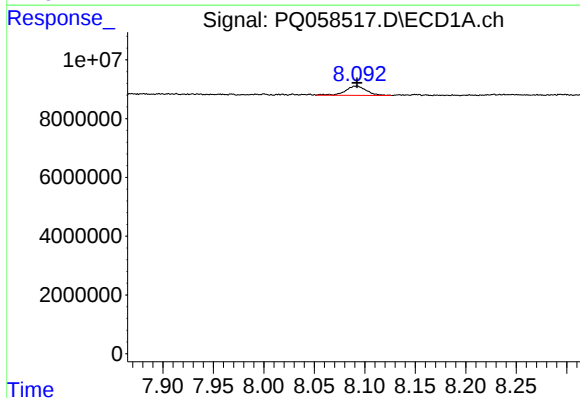
R.T.: 8.671 min
Delta R.T.: -0.004 min
Response: 3051441
Conc: 3.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



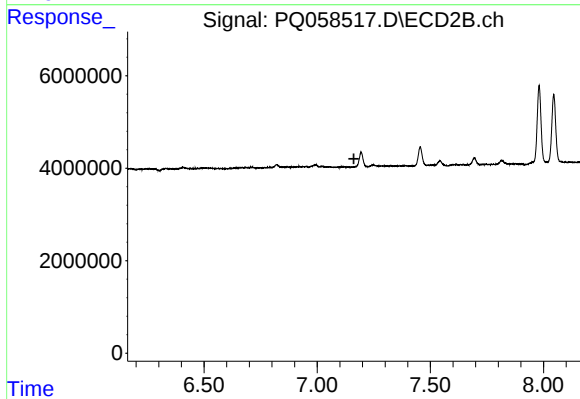
#35 AR-1260-5

R.T.: 7.694 min
Delta R.T.: -0.007 min
Response: 2767253
Conc: 2.98 ng/ml



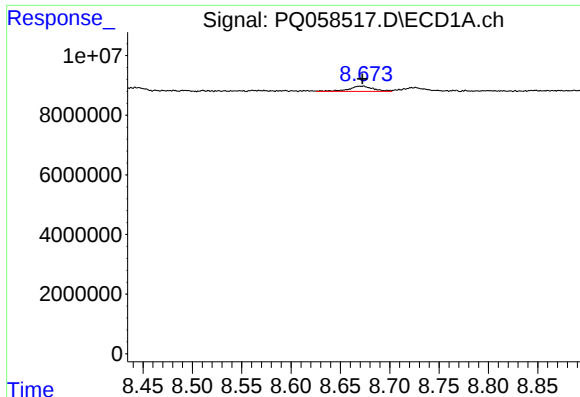
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 4607910
Conc: 8.89 ng/ml



#36 AR-1262-1

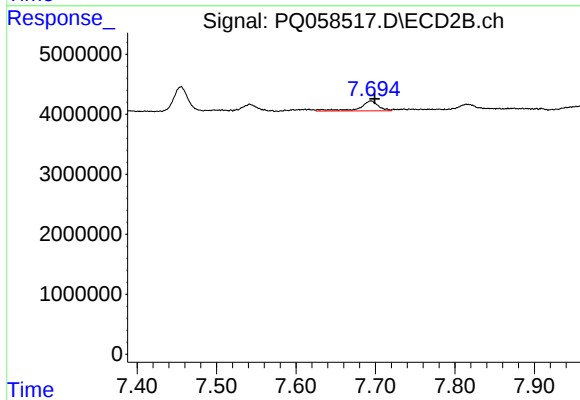
R.T.: 0.000 min
Exp R.T. : 7.162 min
Response: 0
Conc: N.D.



#37 AR-1262-2

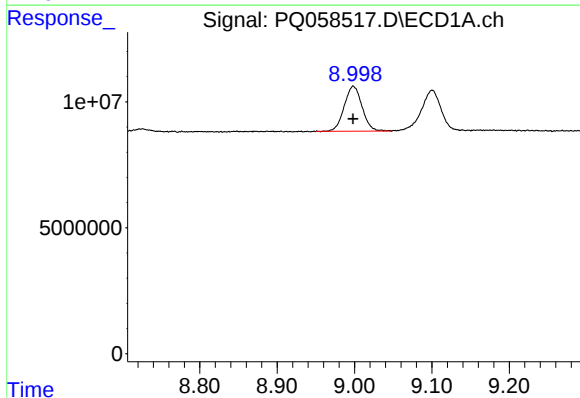
R.T.: 8.671 min
Delta R.T.: -0.001 min
Response: 3051441
Conc: 2.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



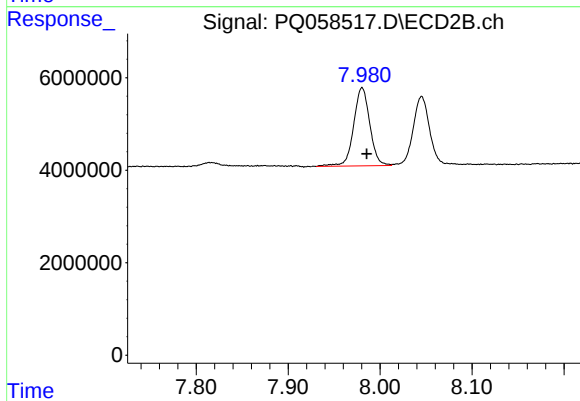
#37 AR-1262-2

R.T.: 7.694 min
Delta R.T.: -0.005 min
Response: 2767253
Conc: 2.67 ng/ml



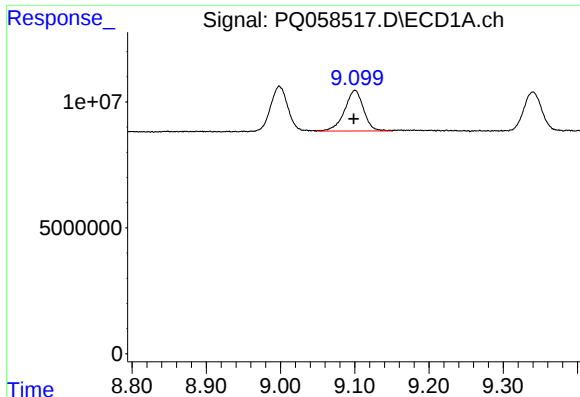
#38 AR-1262-3

R.T.: 8.999 min
Delta R.T.: 0.000 min
Response: 28676404
Conc: 52.48 ng/ml



#38 AR-1262-3

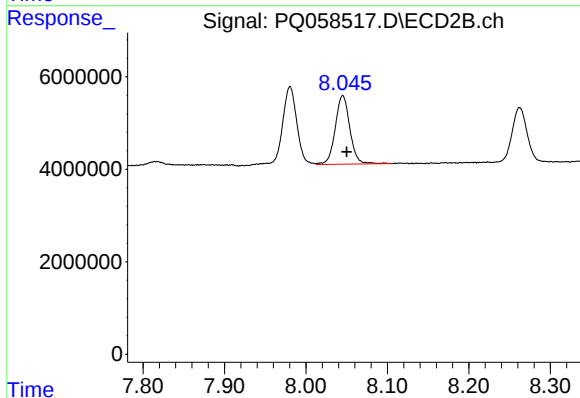
R.T.: 7.980 min
Delta R.T.: -0.005 min
Response: 20682086
Conc: 53.31 ng/ml



#39 AR-1262-4

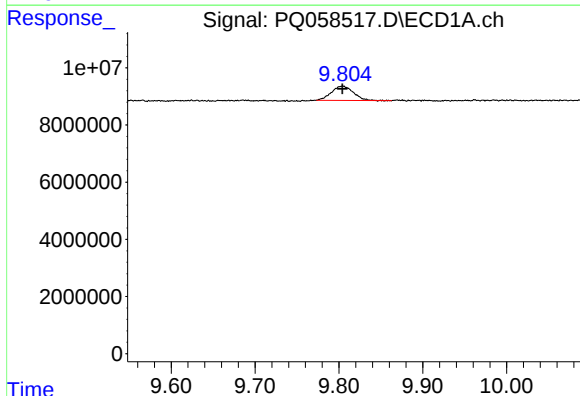
R.T.: 9.100 min
Delta R.T.: 0.001 min
Response: 28775790
Conc: 68.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



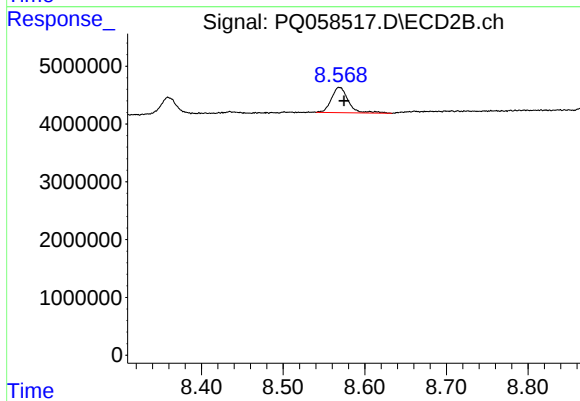
#39 AR-1262-4

R.T.: 8.045 min
Delta R.T.: -0.005 min
Response: 18486236
Conc: 25.15 ng/ml



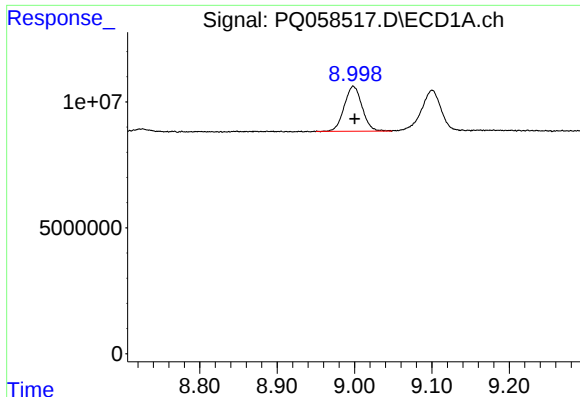
#40 AR-1262-5

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 9065284
Conc: 19.26 ng/ml



#40 AR-1262-5

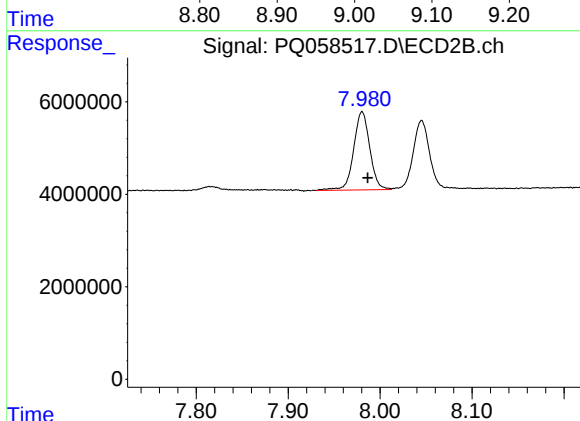
R.T.: 8.569 min
Delta R.T.: -0.006 min
Response: 6335884
Conc: 19.48 ng/ml



#41 AR-1268-1

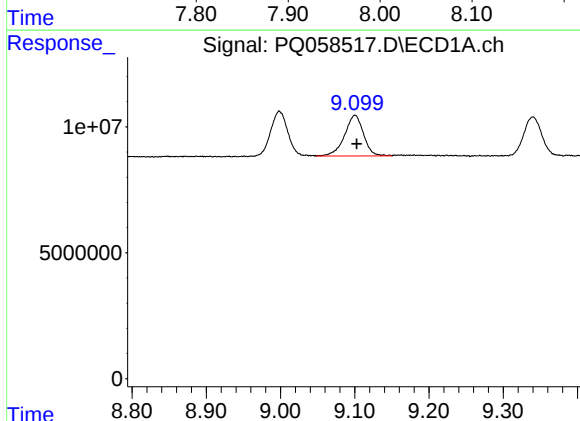
R.T.: 8.999 min
Delta R.T.: -0.002 min
Response: 28676404
Conc: 21.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



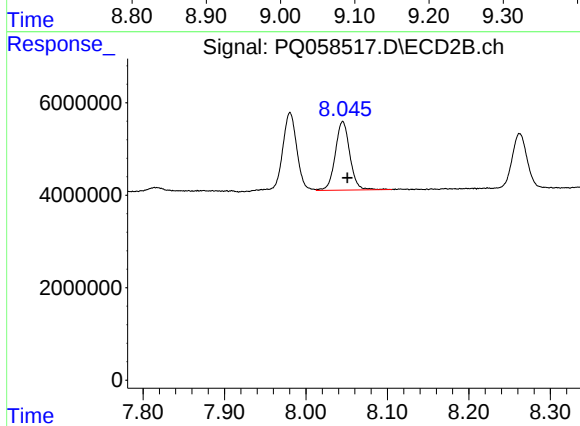
#41 AR-1268-1

R.T.: 7.980 min
Delta R.T.: -0.006 min
Response: 20682086
Conc: 19.27 ng/ml



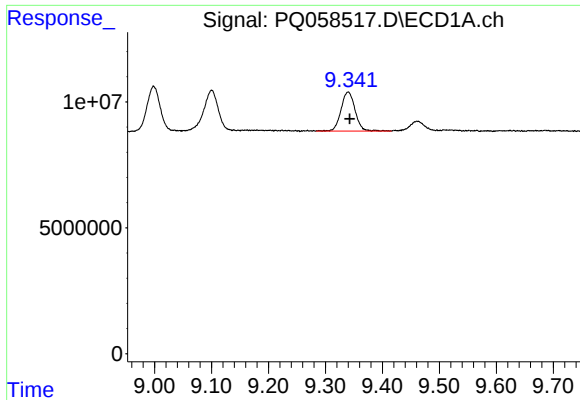
#42 AR-1268-2

R.T.: 9.100 min
Delta R.T.: -0.002 min
Response: 28775790
Conc: 21.00 ng/ml



#42 AR-1268-2

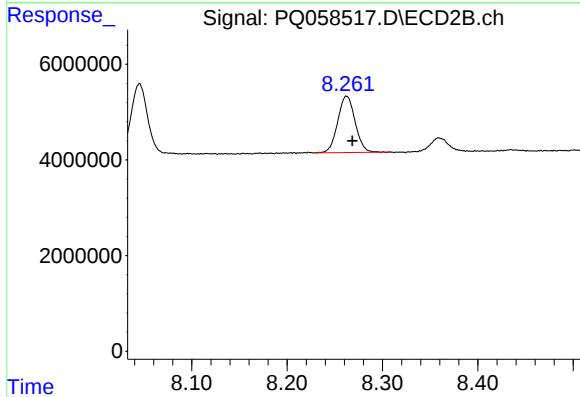
R.T.: 8.045 min
Delta R.T.: -0.006 min
Response: 18486236
Conc: 18.80 ng/ml



#43 AR-1268-3

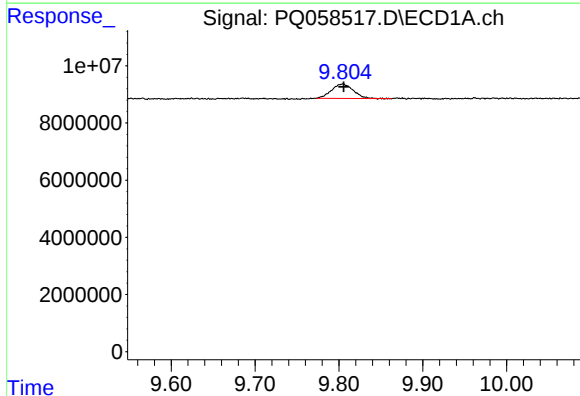
R.T.: 9.340 min
Delta R.T.: -0.003 min
Response: 26781435
Conc: 21.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



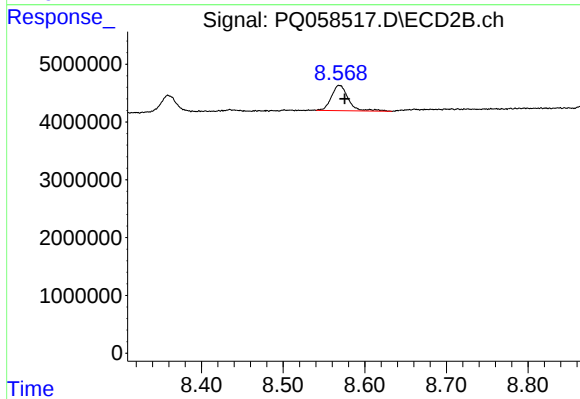
#43 AR-1268-3

R.T.: 8.262 min
Delta R.T.: -0.006 min
Response: 14928756
Conc: 18.03 ng/ml



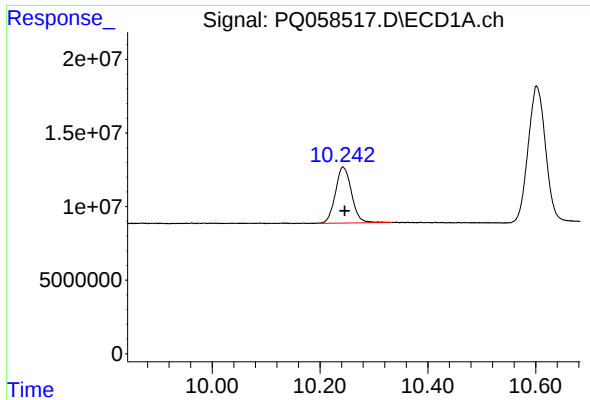
#44 AR-1268-4

R.T.: 9.804 min
Delta R.T.: -0.001 min
Response: 9065284
Conc: 18.90 ng/ml



#44 AR-1268-4

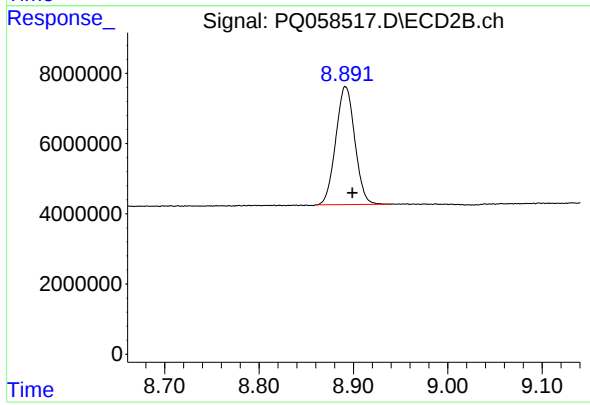
R.T.: 8.569 min
Delta R.T.: -0.006 min
Response: 6335884
Conc: 19.26 ng/ml



#45 AR-1268-5

R.T.: 10.243 min
Delta R.T.: -0.003 min
Response: 78665889
Conc: 19.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.892 min
Delta R.T.: -0.007 min
Response: 47123750
Conc: 17.61 ng/ml