

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012122\
 Data File : PQ055833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 09:07
 Operator : AJ\MA
 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: Jan 21 14:56:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 20 13:18:56 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...	5.238	4.291	263468	205449	0.019	0.018
2) SA Decachlor...	11.423	9.663	61950	509202	0.004	0.064 #
Target Compounds						
3) L1 AR-1016-1	6.569	5.558	2197870	345813	6.285	1.126 #
4) L1 AR-1016-2	6.606f	5.578	1763585	659572	2.594	1.059 #
5) L1 AR-1016-3	6.648	5.779	619361	1039757	1.362	3.809 #
6) L1 AR-1016-4	6.761	5.831	1952966	374803	5.274	1.485 #
7) L1 AR-1016-5	7.086	0.000	2543114	0	8.685	N.D. #
8) L2 AR-1221-1	5.488	4.542f	1673061	103451	11.723	0.914 #
9) L2 AR-1221-2	5.579	4.649	307285	33901	2.801	0.387 #
10) L2 AR-1221-3	5.676	4.740	201125	639133	0.620	2.265 #
11) L3 AR-1232-1	5.676	4.740	201125	639133	0.750	2.781 #
12) L3 AR-1232-2	6.269	5.578	949111	659572	6.402	2.712 #
13) L3 AR-1232-3	6.606f	5.779	1763585	1039757	6.347	10.010 #
14) L3 AR-1232-4	6.761	0.000	1952966	0	13.206	N.D. #
15) L3 AR-1232-5	6.876f	0.000	4174821	0	44.152	N.D. #
16) L4 AR-1242-1	6.569	5.578	2197870	659572	8.146	2.850 #
17) L4 AR-1242-2	6.606f	5.578	1763585	659572	3.369	1.401 #
18) L4 AR-1242-3	6.648	5.779	619361	1039757	1.713	5.007 #
19) L4 AR-1242-4	6.761	0.000	1952966	0	6.694	N.D. #
20) L4 AR-1242-5	7.566f	6.434	23555781	14224620	88.855	52.678 #
21) L5 AR-1248-1	6.569	5.578	2197870	659572	10.496	3.816 #
22) L5 AR-1248-2	6.876f	5.831	4174821	374803	13.039	1.175 #
23) L5 AR-1248-3	7.086	0.000	2543114	0	6.722	N.D. #
24) L5 AR-1248-4	7.507	0.000	39005886	0	92.201	N.D. #
25) L5 AR-1248-5	7.566f	6.502f	23555781	21102939	51.158	57.398
26) L6 AR-1254-1	7.481	6.434	61392596	14224620	150.687	22.946 #
27) L6 AR-1254-2	7.709	6.594	4928867	59322746	7.607	109.547 #
28) L6 AR-1254-3	8.094	7.015	42959876	18165125	54.934	21.060 #
29) L6 AR-1254-4	8.382	7.254	52153123	18289458	92.057	29.268 #
30) L6 AR-1254-5	8.836f	7.689	62783082	13146594	99.467	17.336 #
31) L7 AR-1260-1	8.265	7.137f	48792933	6655886	101.518	12.155 #
32) L7 AR-1260-2	8.511	7.361	58571289	12447473	99.429	18.752 #
33) L7 AR-1260-3	8.898	7.517	51152704	4658657	102.296	7.568 #
34) L7 AR-1260-4	0.000	7.984	0	7208560	N.D.	14.270 #
35) L7 AR-1260-5	9.467	8.242	4532758	12525368	3.449	10.544 #
36) L8 AR-1262-1	8.898	7.689	51152704	13146594	71.409	36.173 #
37) L8 AR-1262-2	9.467	8.242	4532758	12525368	3.029	9.468 #
38) L8 AR-1262-3	9.796	8.540f	-18958	1920373	N.D.	3.880 #
39) L8 AR-1262-4	9.916	8.598	2224802	168696	3.364	0.183 #
40) L8 AR-1262-5	10.621	9.085	4733668	736208	6.920	1.848 #
41) L9 AR-1268-1	9.796	8.540f	-18958	1920373	N.D.	1.310 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012122\
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 Acq On : 21 Jan 2022 09:07
 Operator : AJ\MA
 Sample : HEXANE
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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

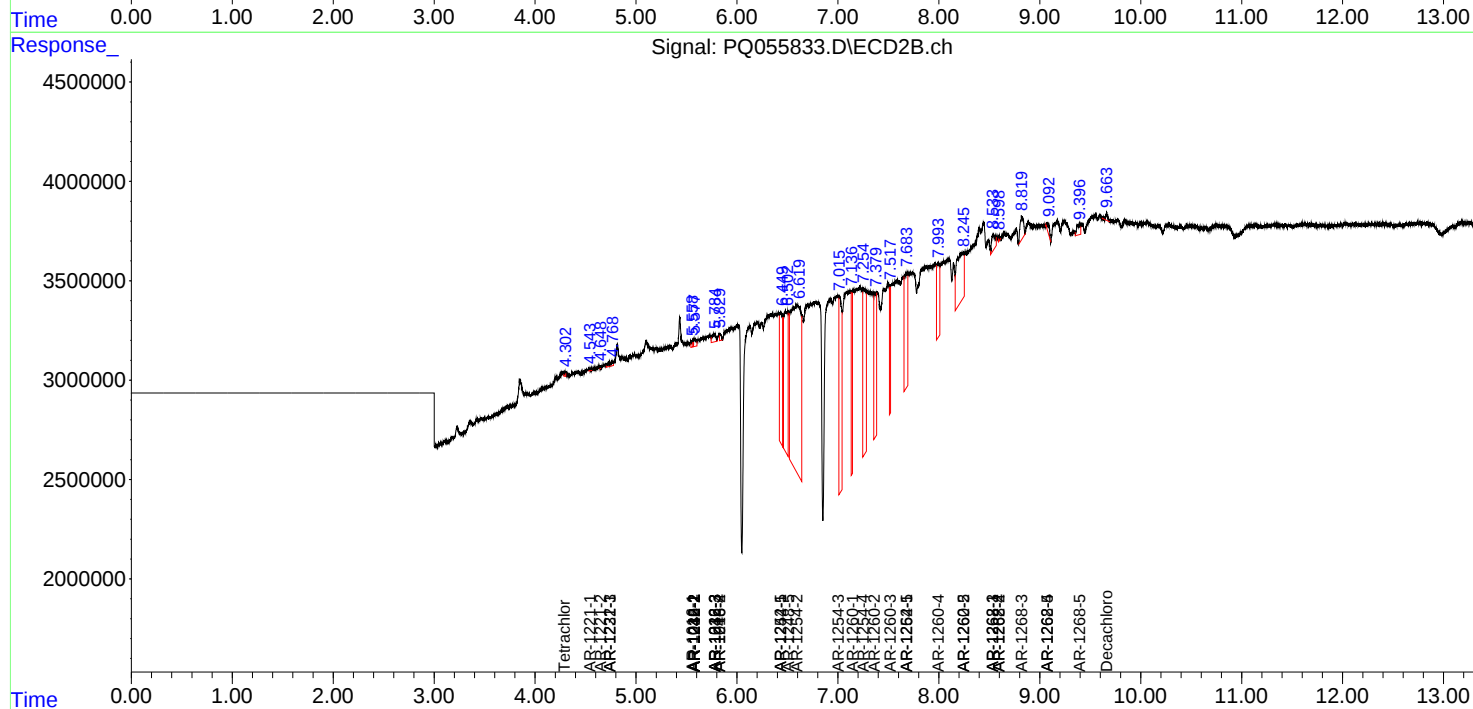
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

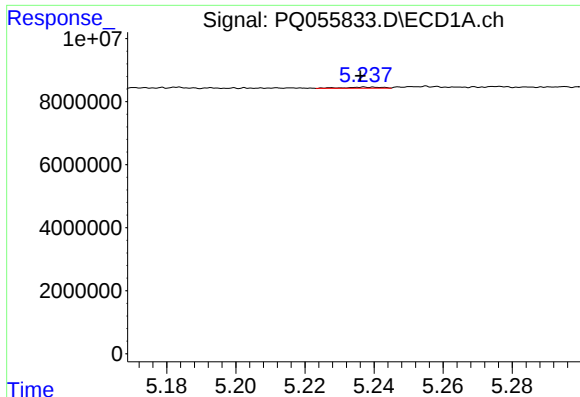
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.916	8.598	2224802	168696	1.114	0.127 #
43) L9	AR-1268-3	10.145	8.820f	1057252	2749869	0.618	2.490 #
44) L9	AR-1268-4	10.621	9.085	4733668	736208	6.350	1.675 #
45) L9	AR-1268-5	11.056	9.392	110299	1290010	0.020	0.390 #

(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

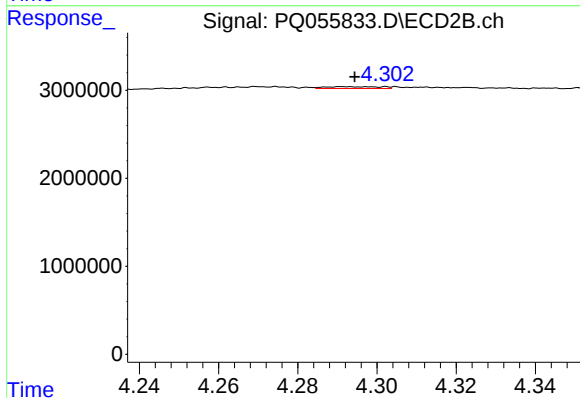




#1 Tetrachloro-m-xylene

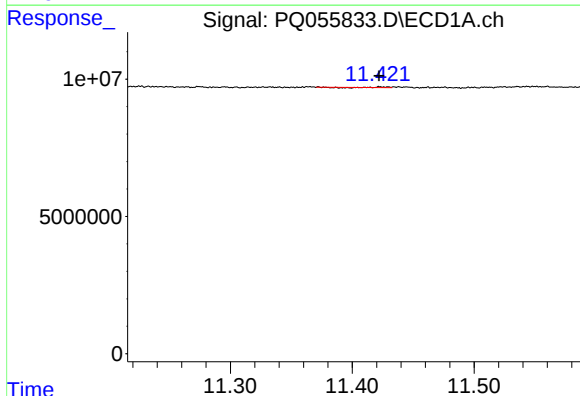
R.T.: 5.238 min
Delta R.T.: 0.002 min
Response: 263468
Conc: 0.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



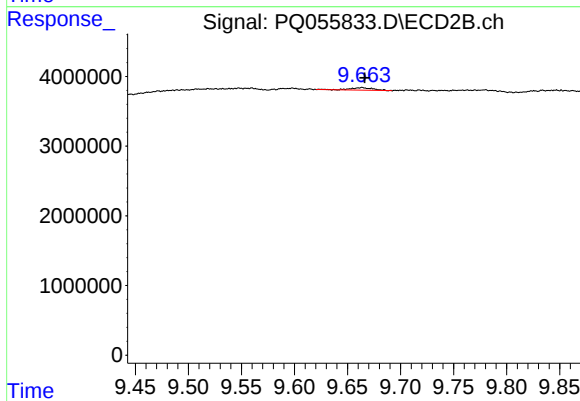
#1 Tetrachloro-m-xylene

R.T.: 4.291 min
Delta R.T.: -0.003 min
Response: 205449
Conc: 0.02 ng/ml



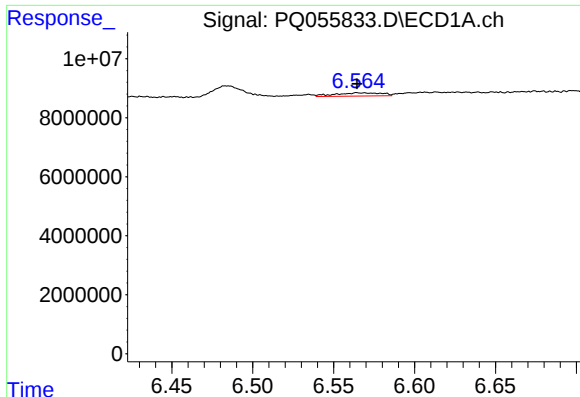
#2 Decachlorobiphenyl

R.T.: 11.423 min
Delta R.T.: 0.000 min
Response: 61950
Conc: 0.00 ng/ml



#2 Decachlorobiphenyl

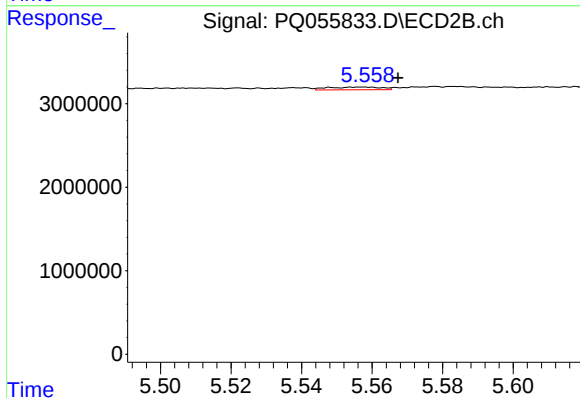
R.T.: 9.663 min
Delta R.T.: -0.003 min
Response: 509202
Conc: 0.06 ng/ml



#3 AR-1016-1

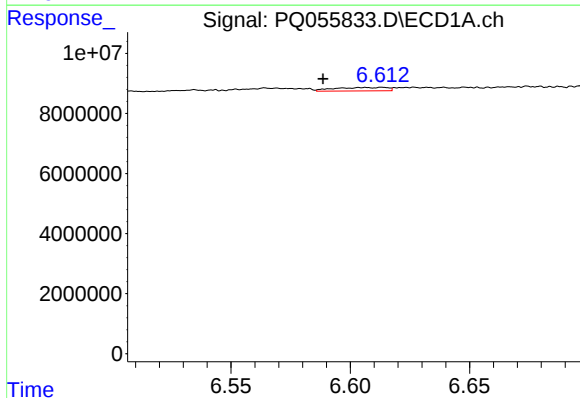
R.T.: 6.569 min
Delta R.T.: 0.004 min
Response: 2197870
Conc: 6.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



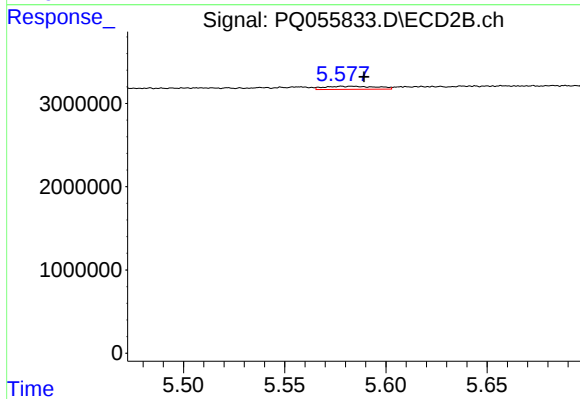
#3 AR-1016-1

R.T.: 5.558 min
Delta R.T.: -0.010 min
Response: 345813
Conc: 1.13 ng/ml



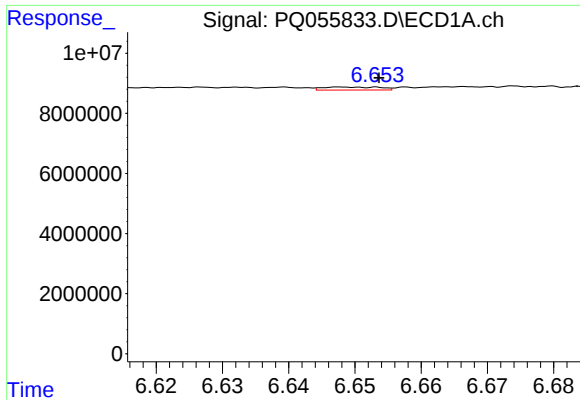
#4 AR-1016-2

R.T.: 6.606 min
Delta R.T.: 0.018 min
Response: 1763585
Conc: 2.59 ng/ml



#4 AR-1016-2

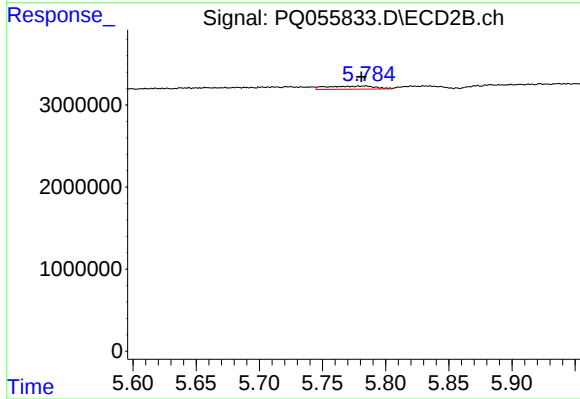
R.T.: 5.578 min
Delta R.T.: -0.011 min
Response: 659572
Conc: 1.06 ng/ml



#5 AR-1016-3

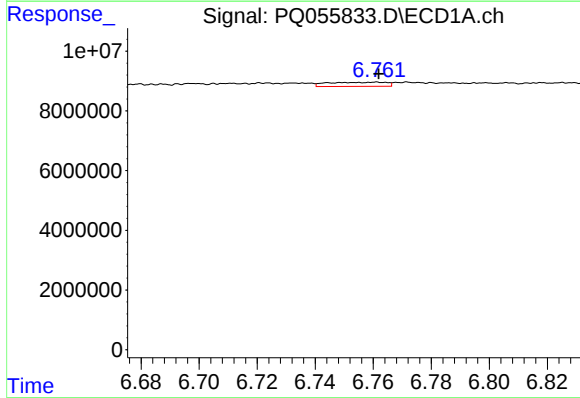
R.T.: 6.648 min
Delta R.T.: -0.005 min
Response: 619361
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



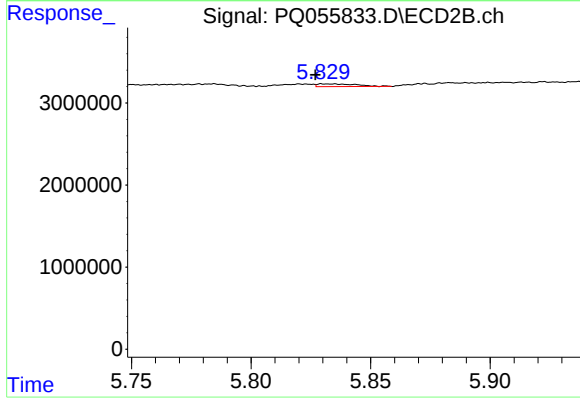
#5 AR-1016-3

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1039757
Conc: 3.81 ng/ml



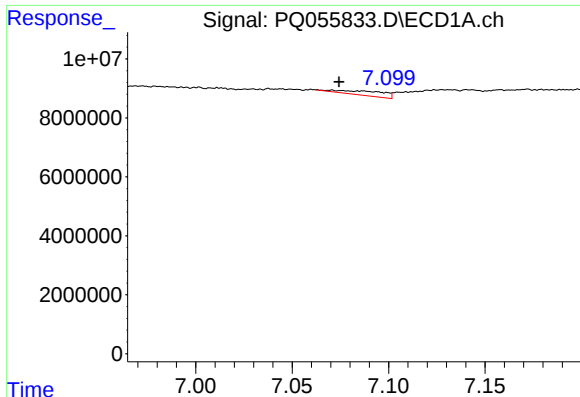
#6 AR-1016-4

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 1952966
Conc: 5.27 ng/ml



#6 AR-1016-4

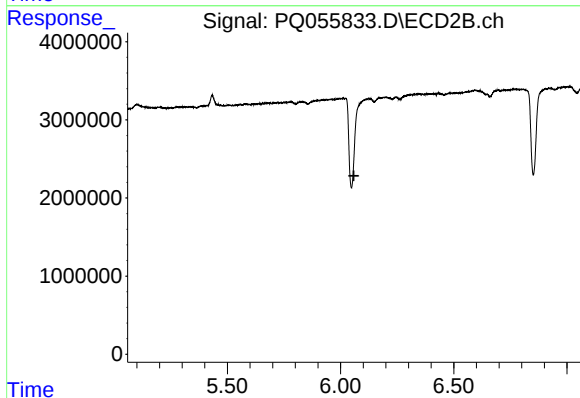
R.T.: 5.831 min
Delta R.T.: 0.004 min
Response: 374803
Conc: 1.49 ng/ml



#7 AR-1016-5

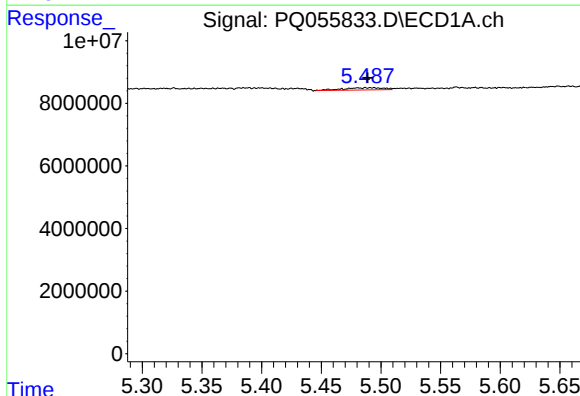
R.T.: 7.086 min
Delta R.T.: 0.012 min
Response: 2543114
Conc: 8.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



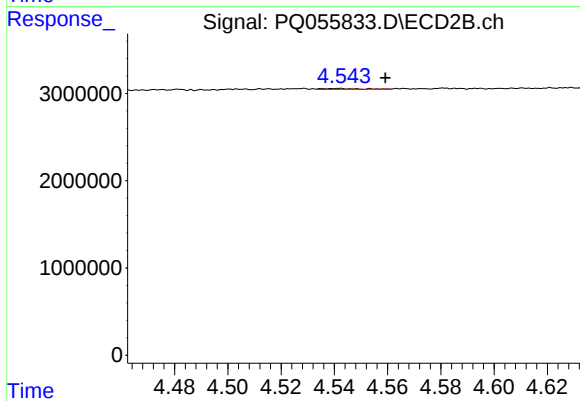
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.059 min
Response: 0
Conc: N.D.



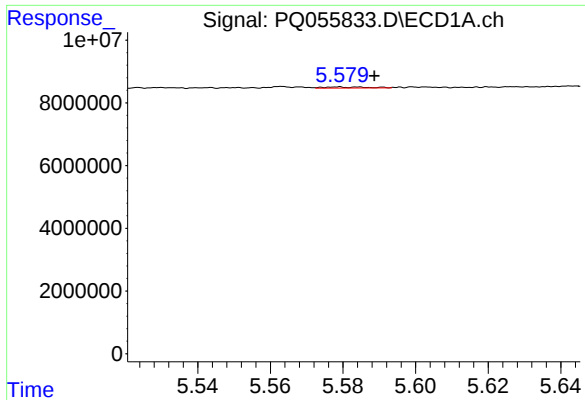
#8 AR-1221-1

R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 1673061
Conc: 11.72 ng/ml



#8 AR-1221-1

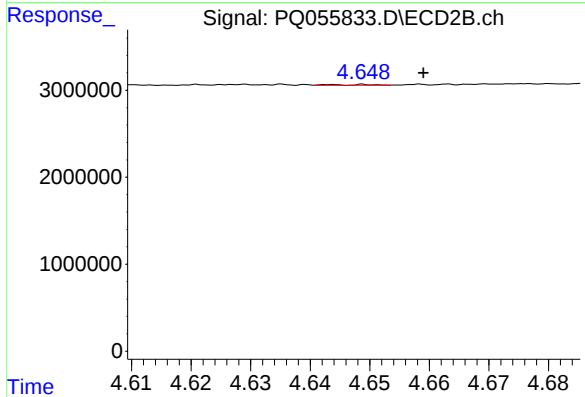
R.T.: 4.542 min
Delta R.T.: -0.018 min
Response: 103451
Conc: 0.91 ng/ml



#9 AR-1221-2

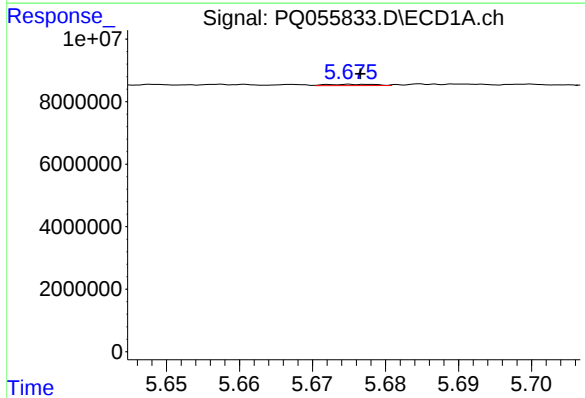
R.T.: 5.579 min
Delta R.T.: -0.010 min
Response: 307285
Conc: 2.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



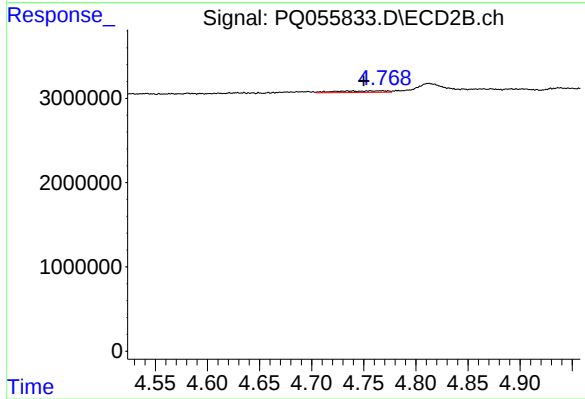
#9 AR-1221-2

R.T.: 4.649 min
Delta R.T.: -0.010 min
Response: 33901
Conc: 0.39 ng/ml



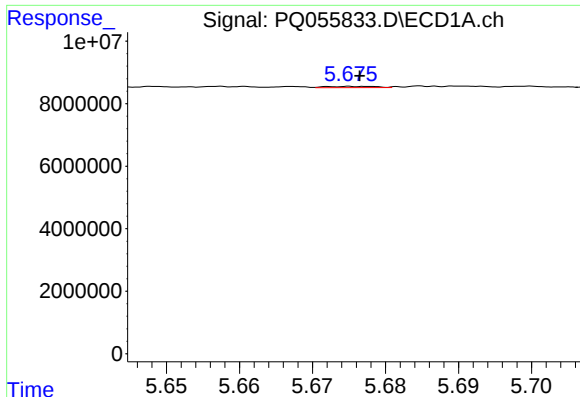
#10 AR-1221-3

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 201125
Conc: 0.62 ng/ml



#10 AR-1221-3

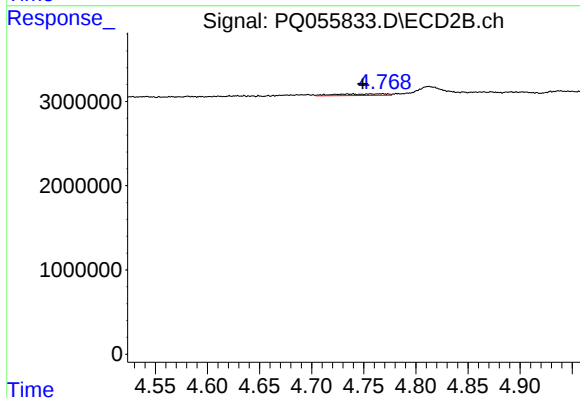
R.T.: 4.740 min
Delta R.T.: -0.010 min
Response: 639133
Conc: 2.27 ng/ml



#11 AR-1232-1

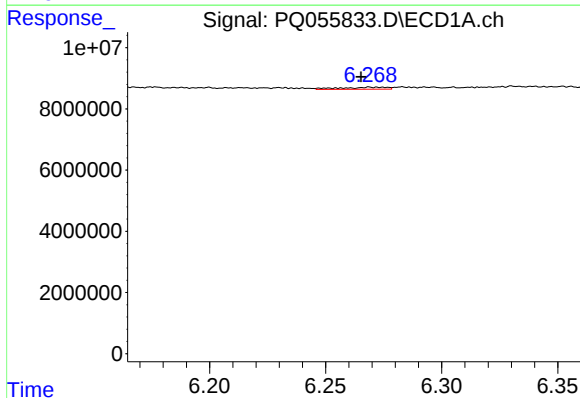
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 201125
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



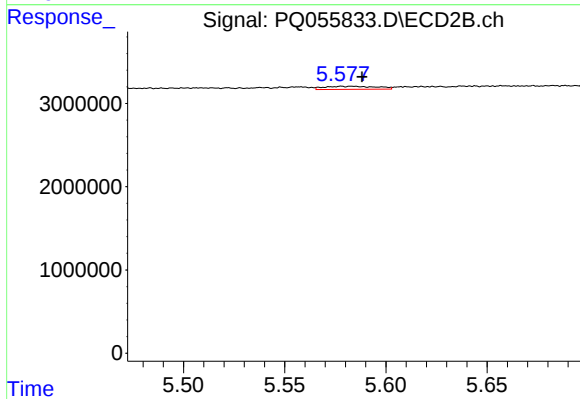
#11 AR-1232-1

R.T.: 4.740 min
Delta R.T.: -0.009 min
Response: 639133
Conc: 2.78 ng/ml



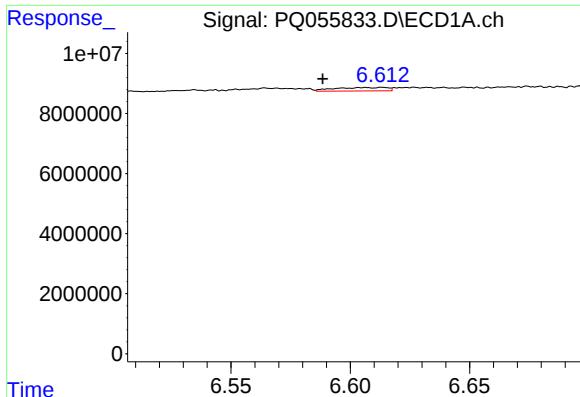
#12 AR-1232-2

R.T.: 6.269 min
Delta R.T.: 0.004 min
Response: 949111
Conc: 6.40 ng/ml



#12 AR-1232-2

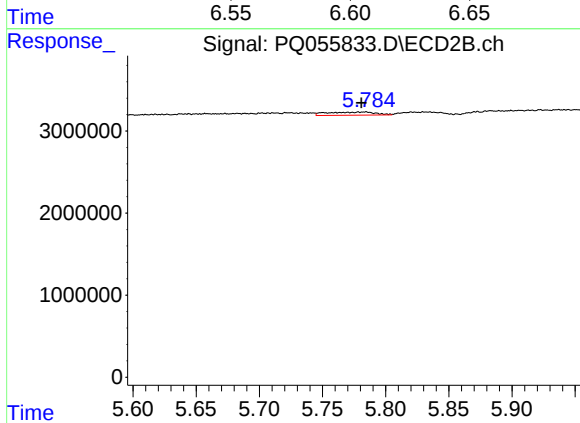
R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 659572
Conc: 2.71 ng/ml



#13 AR-1232-3

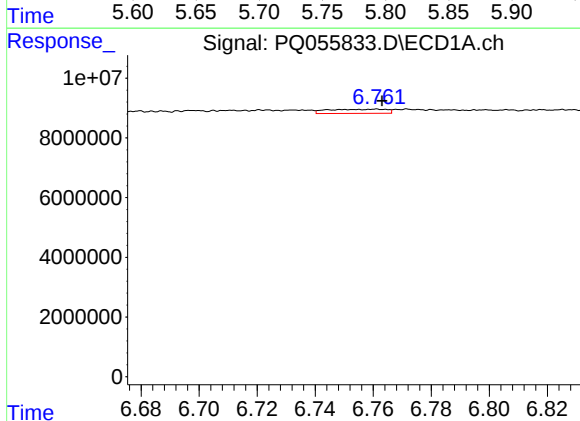
R.T.: 6.606 min
Delta R.T.: 0.018 min
Response: 1763585
Conc: 6.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



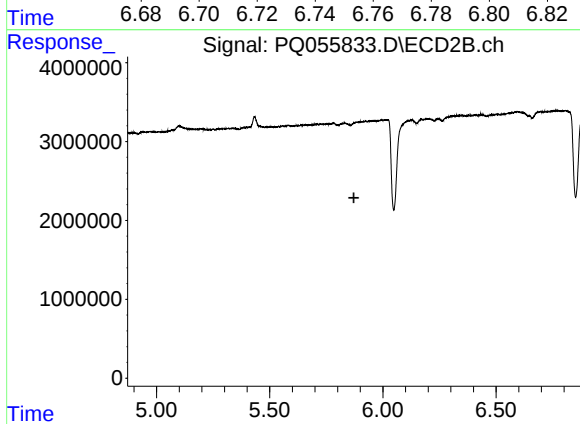
#13 AR-1232-3

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1039757
Conc: 10.01 ng/ml



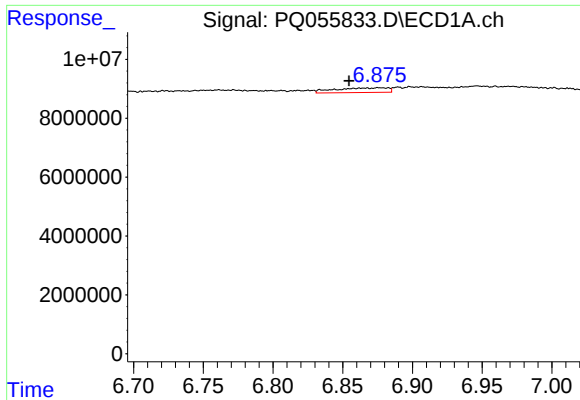
#14 AR-1232-4

R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 1952966
Conc: 13.21 ng/ml



#14 AR-1232-4

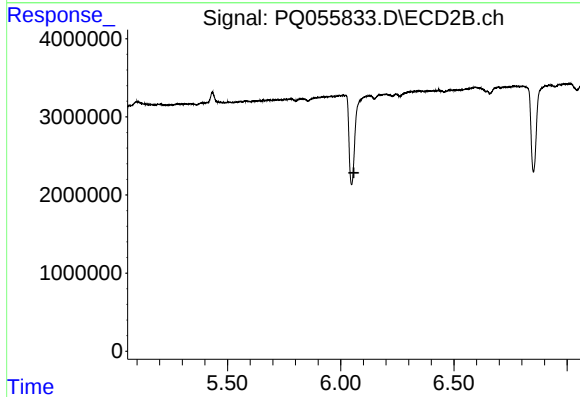
R.T.: 0.000 min
Exp R.T.: 5.872 min
Response: 0
Conc: N.D.



#15 AR-1232-5

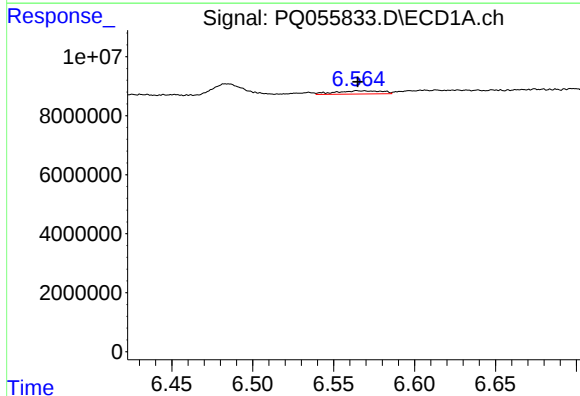
R.T.: 6.876 min
Delta R.T.: 0.021 min
Response: 4174821
Conc: 44.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



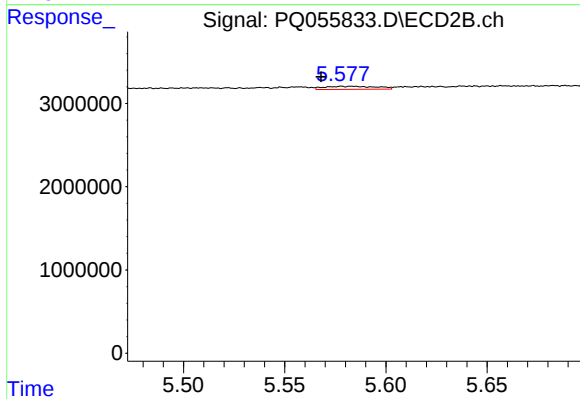
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.058 min
Response: 0
Conc: N.D.



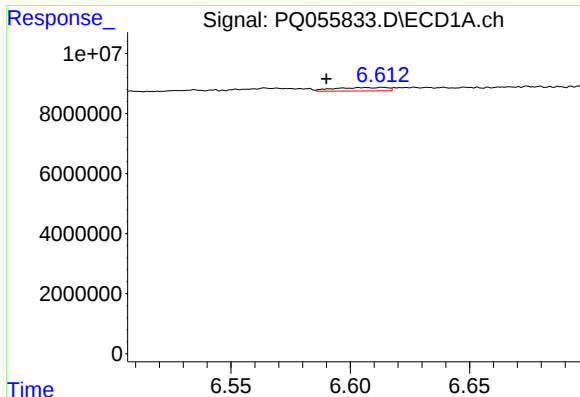
#16 AR-1242-1

R.T.: 6.569 min
Delta R.T.: 0.004 min
Response: 2197870
Conc: 8.15 ng/ml



#16 AR-1242-1

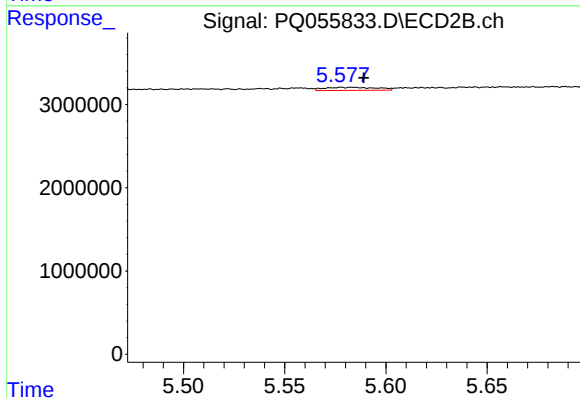
R.T.: 5.578 min
Delta R.T.: 0.010 min
Response: 659572
Conc: 2.85 ng/ml



#17 AR-1242-2

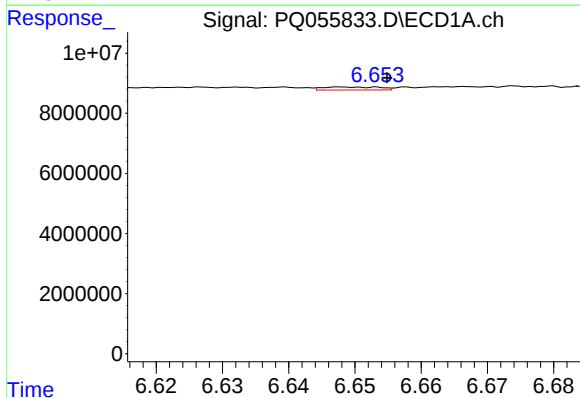
R.T.: 6.606 min
Delta R.T.: 0.016 min
Response: 1763585
Conc: 3.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



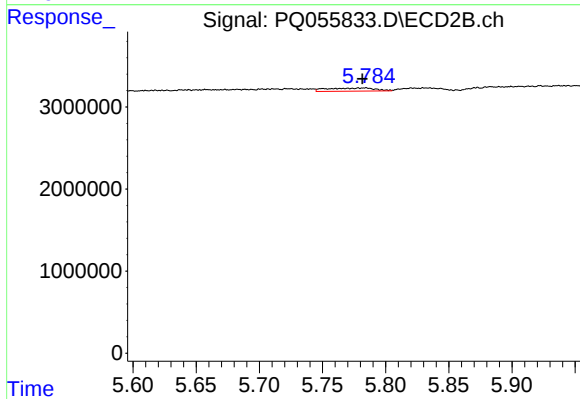
#17 AR-1242-2

R.T.: 5.578 min
Delta R.T.: -0.011 min
Response: 659572
Conc: 1.40 ng/ml



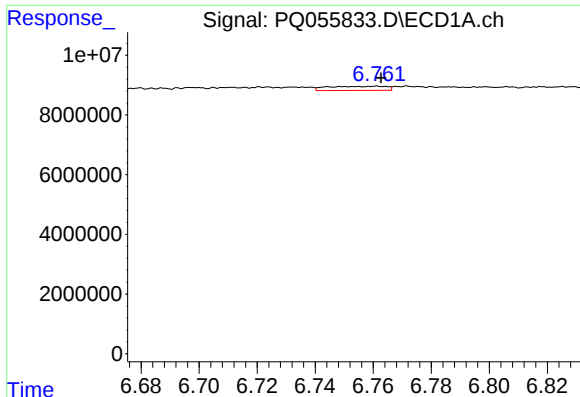
#18 AR-1242-3

R.T.: 6.648 min
Delta R.T.: -0.006 min
Response: 619361
Conc: 1.71 ng/ml



#18 AR-1242-3

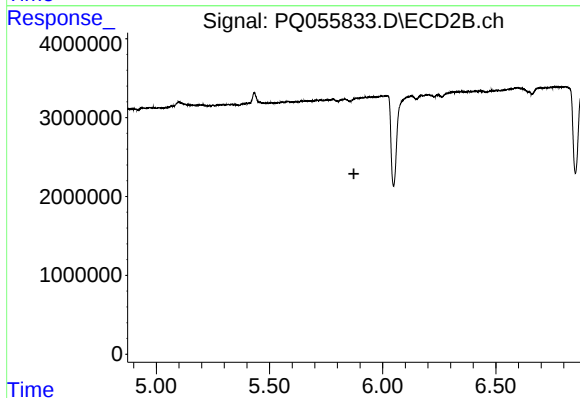
R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1039757
Conc: 5.01 ng/ml



#19 AR-1242-4

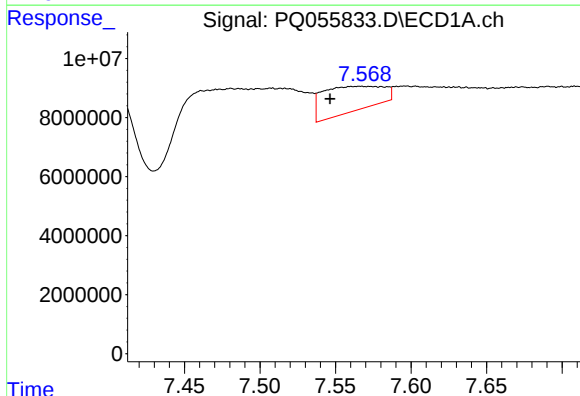
R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 1952966
Conc: 6.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



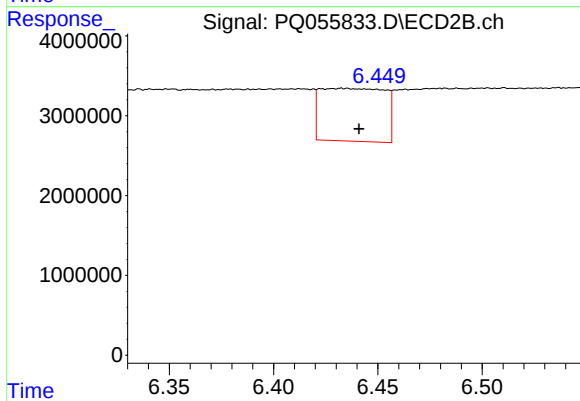
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.873 min
Response: 0
Conc: N.D.



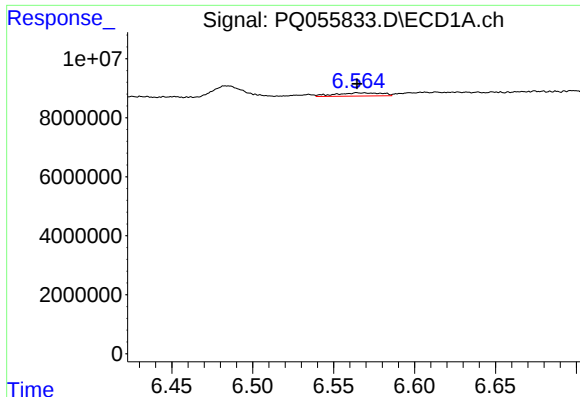
#20 AR-1242-5

R.T.: 7.566 min
Delta R.T.: 0.020 min
Response: 23555781
Conc: 88.85 ng/ml



#20 AR-1242-5

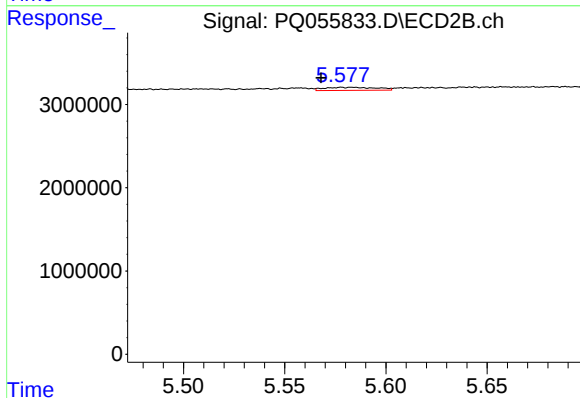
R.T.: 6.434 min
Delta R.T.: -0.008 min
Response: 14224620
Conc: 52.68 ng/ml



#21 AR-1248-1

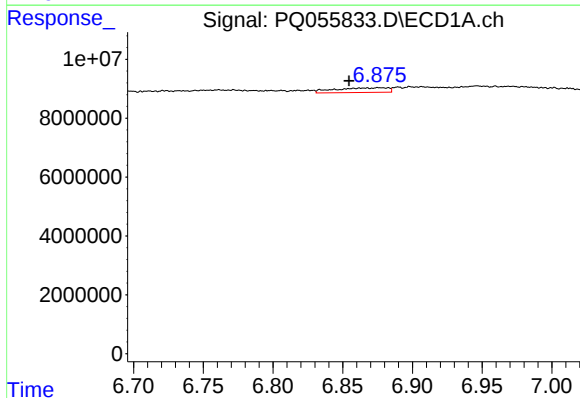
R.T.: 6.569 min
Delta R.T.: 0.004 min
Response: 2197870
Conc: 10.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



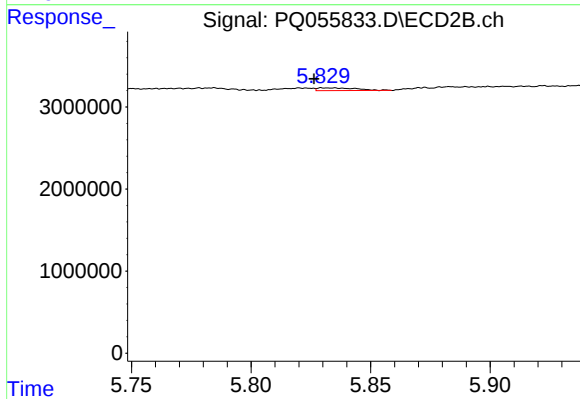
#21 AR-1248-1

R.T.: 5.578 min
Delta R.T.: 0.010 min
Response: 659572
Conc: 3.82 ng/ml



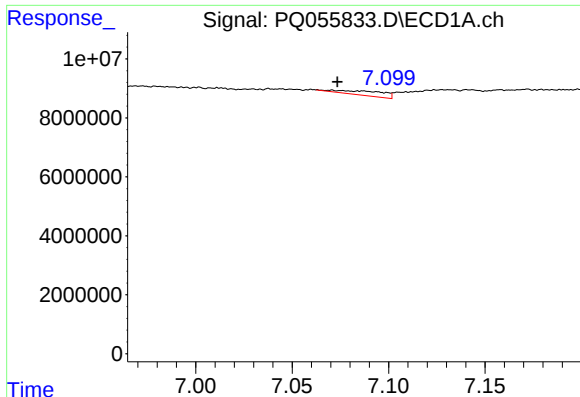
#22 AR-1248-2

R.T.: 6.876 min
Delta R.T.: 0.021 min
Response: 4174821
Conc: 13.04 ng/ml



#22 AR-1248-2

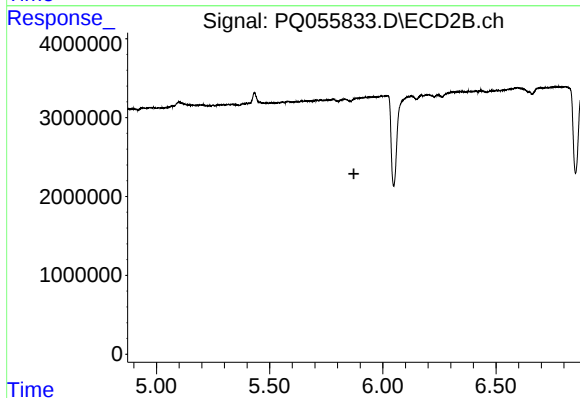
R.T.: 5.831 min
Delta R.T.: 0.005 min
Response: 374803
Conc: 1.17 ng/ml



#23 AR-1248-3

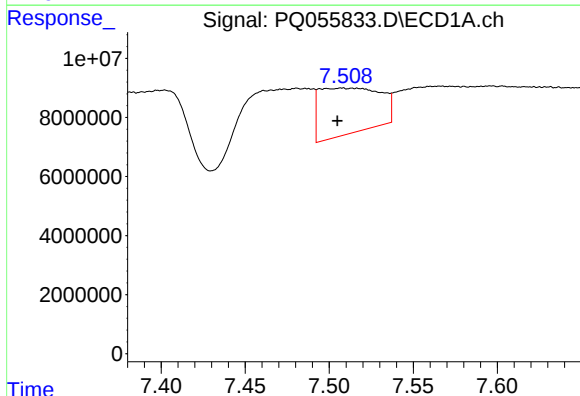
R.T.: 7.086 min
Delta R.T.: 0.013 min
Response: 2543114
Conc: 6.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



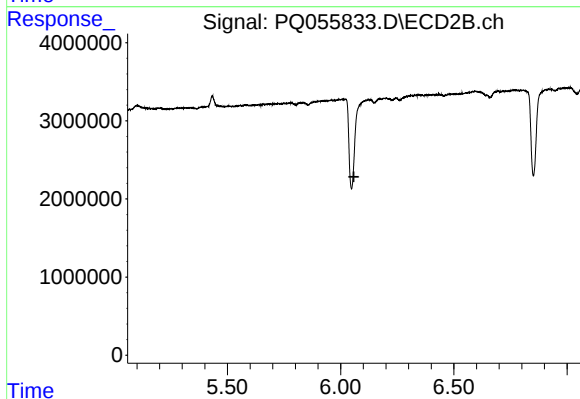
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.872 min
Response: 0
Conc: N.D.



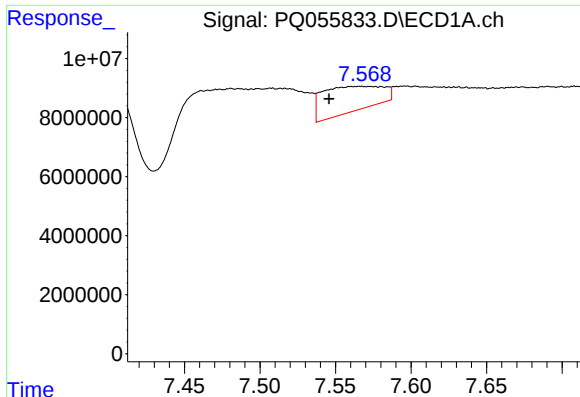
#24 AR-1248-4

R.T.: 7.507 min
Delta R.T.: 0.003 min
Response: 39005886
Conc: 92.20 ng/ml



#24 AR-1248-4

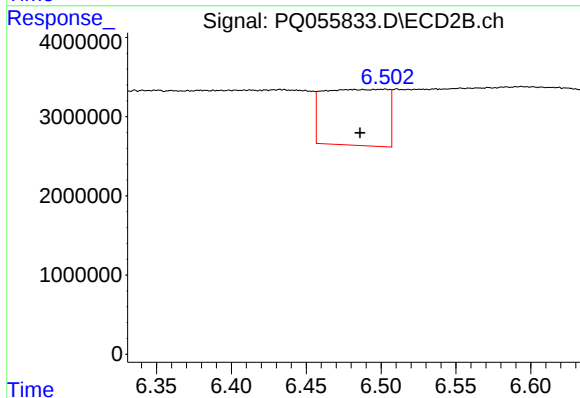
R.T.: 0.000 min
Exp R.T. : 6.058 min
Response: 0
Conc: N.D.



#25 AR-1248-5

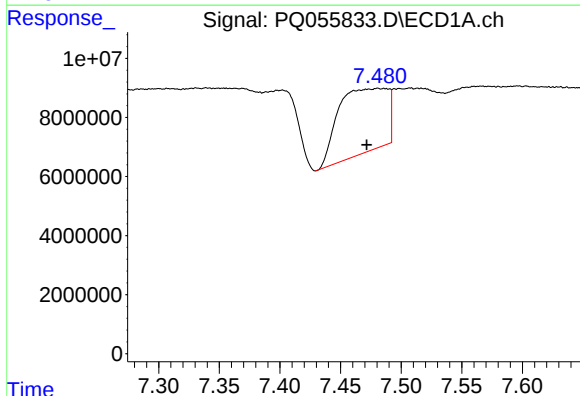
R.T.: 7.566 min
Delta R.T.: 0.020 min
Response: 23555781
Conc: 51.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



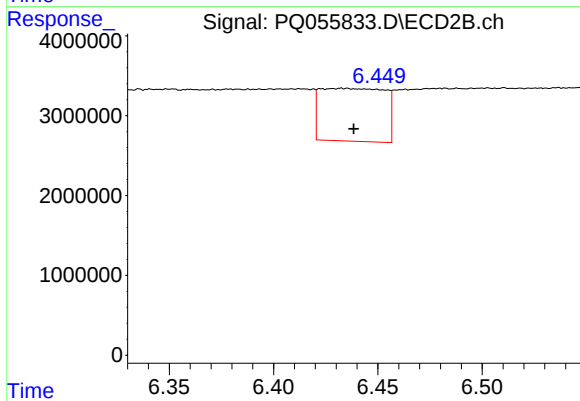
#25 AR-1248-5

R.T.: 6.502 min
Delta R.T.: 0.016 min
Response: 21102939
Conc: 57.40 ng/ml



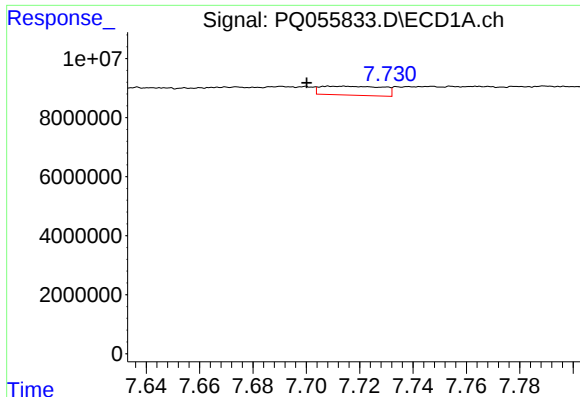
#26 AR-1254-1

R.T.: 7.481 min
Delta R.T.: 0.009 min
Response: 61392596
Conc: 150.69 ng/ml



#26 AR-1254-1

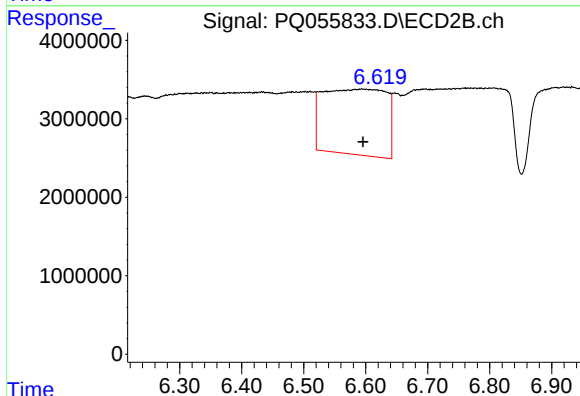
R.T.: 6.434 min
Delta R.T.: -0.005 min
Response: 14224620
Conc: 22.95 ng/ml



#27 AR-1254-2

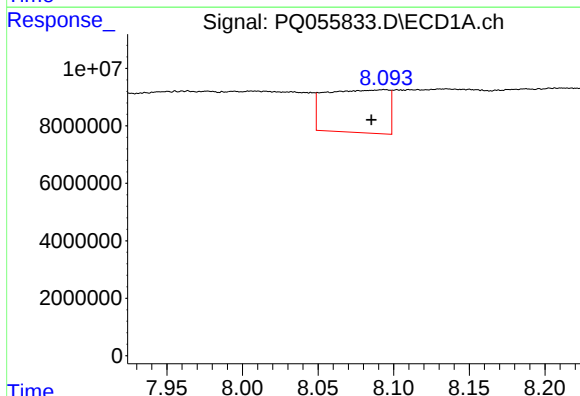
R.T.: 7.709 min
Delta R.T.: 0.009 min
Response: 4928867
Conc: 7.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



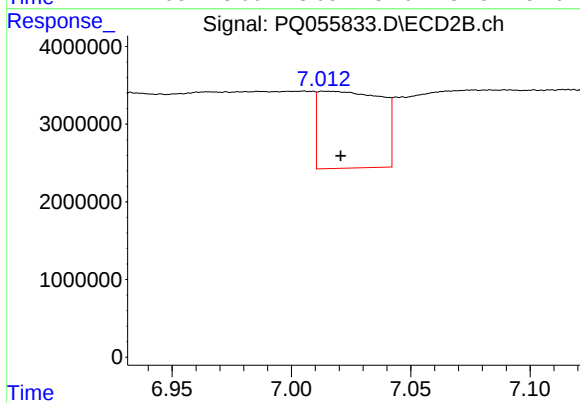
#27 AR-1254-2

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 59322746
Conc: 109.55 ng/ml



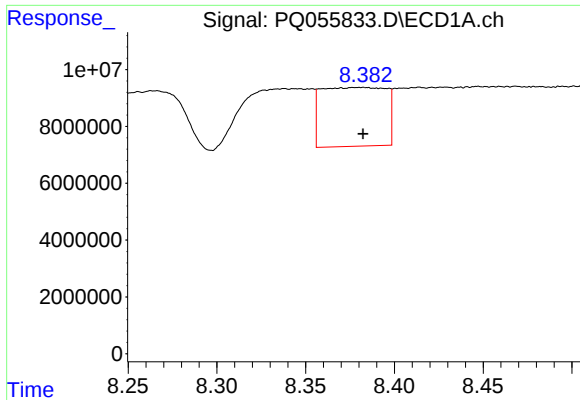
#28 AR-1254-3

R.T.: 8.094 min
Delta R.T.: 0.009 min
Response: 42959876
Conc: 54.93 ng/ml



#28 AR-1254-3

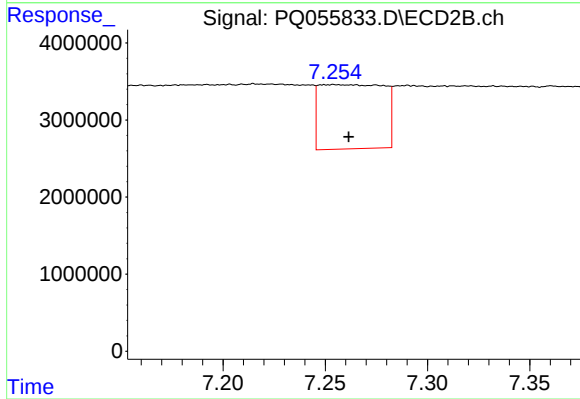
R.T.: 7.015 min
Delta R.T.: -0.006 min
Response: 18165125
Conc: 21.06 ng/ml



#29 AR-1254-4

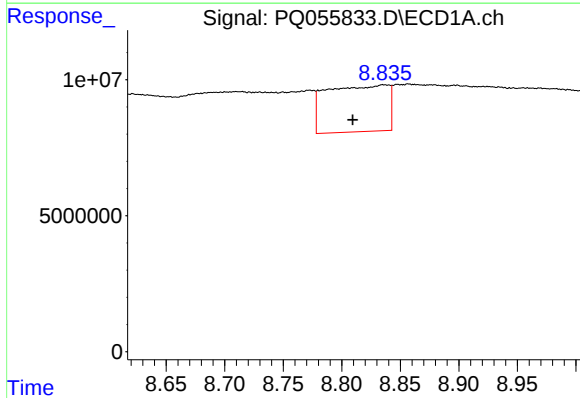
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 52153123
Conc: 92.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



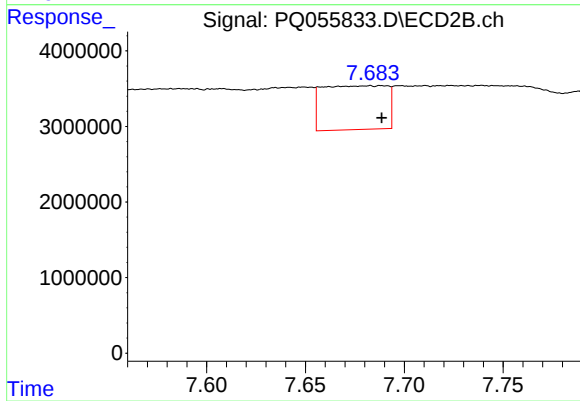
#29 AR-1254-4

R.T.: 7.254 min
Delta R.T.: -0.007 min
Response: 18289458
Conc: 29.27 ng/ml



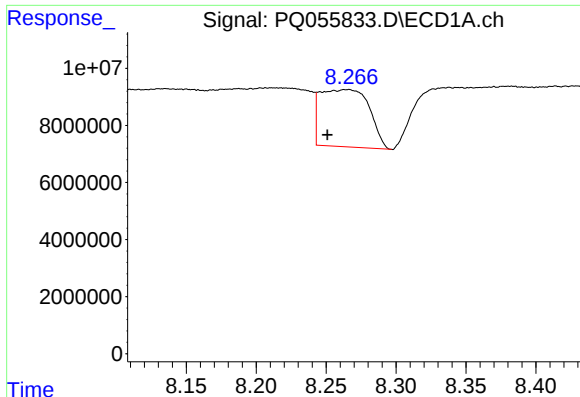
#30 AR-1254-5

R.T.: 8.836 min
Delta R.T.: 0.026 min
Response: 62783082
Conc: 99.47 ng/ml



#30 AR-1254-5

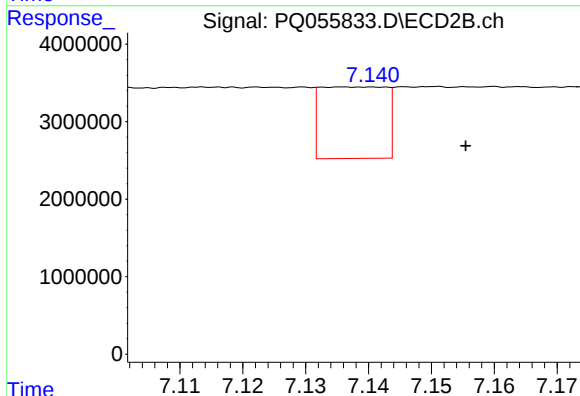
R.T.: 7.689 min
Delta R.T.: 0.000 min
Response: 13146594
Conc: 17.34 ng/ml



#31 AR-1260-1

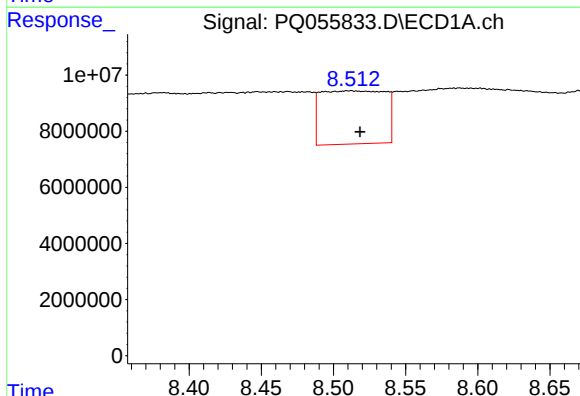
R.T.: 8.265 min
Delta R.T.: 0.014 min
Response: 48792933
Conc: 101.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



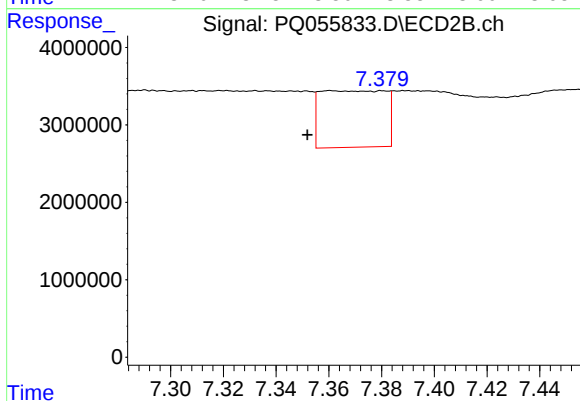
#31 AR-1260-1

R.T.: 7.137 min
Delta R.T.: -0.018 min
Response: 6655886
Conc: 12.16 ng/ml



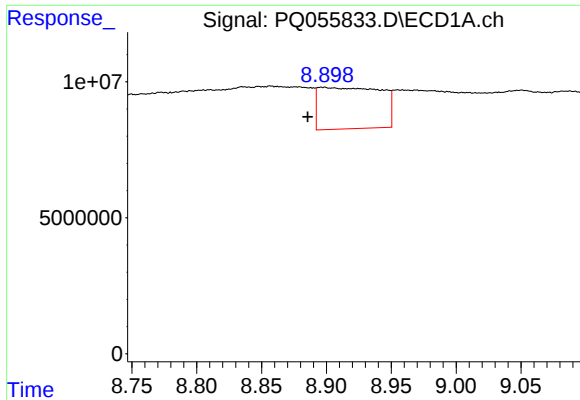
#32 AR-1260-2

R.T.: 8.511 min
Delta R.T.: -0.007 min
Response: 58571289
Conc: 99.43 ng/ml



#32 AR-1260-2

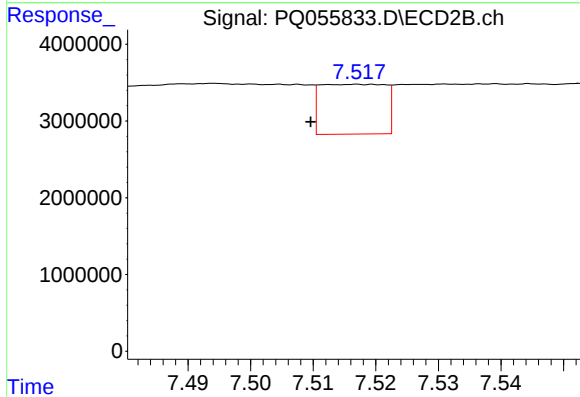
R.T.: 7.361 min
Delta R.T.: 0.009 min
Response: 12447473
Conc: 18.75 ng/ml



#33 AR-1260-3

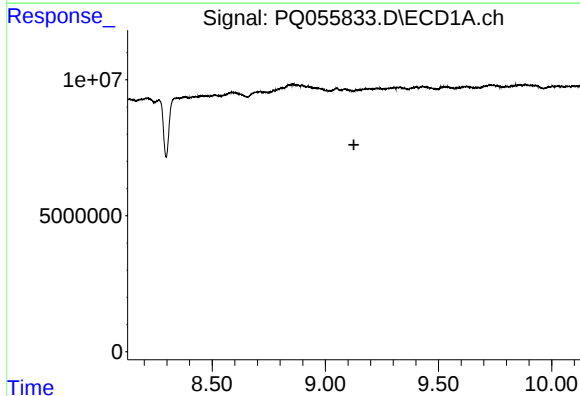
R.T.: 8.898 min
Delta R.T.: 0.012 min
Response: 51152704
Conc: 102.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



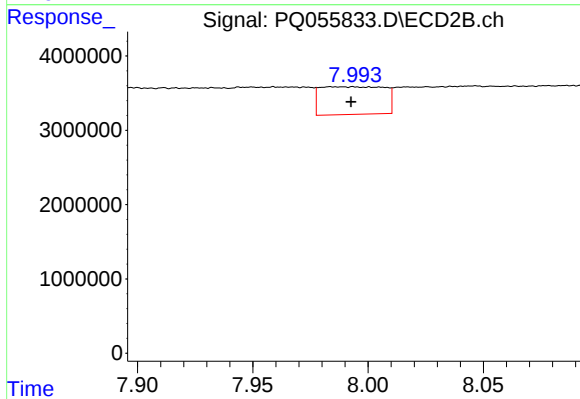
#33 AR-1260-3

R.T.: 7.517 min
Delta R.T.: 0.008 min
Response: 4658657
Conc: 7.57 ng/ml



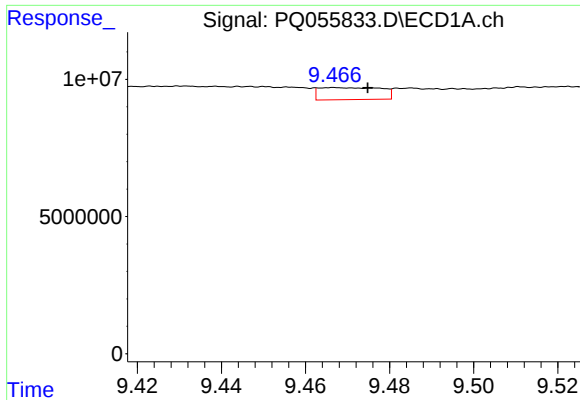
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.126 min
Response: 0
Conc: N.D.



#34 AR-1260-4

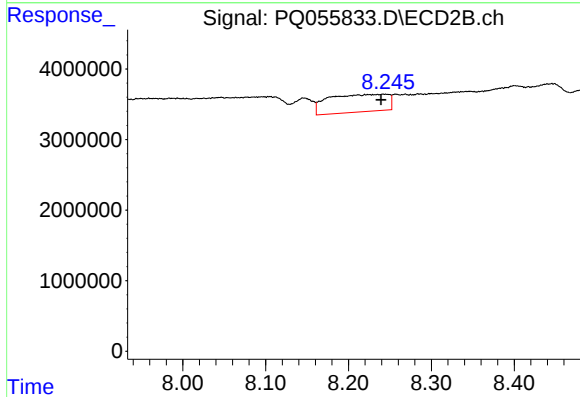
R.T.: 7.984 min
Delta R.T.: -0.008 min
Response: 7208560
Conc: 14.27 ng/ml



#35 AR-1260-5

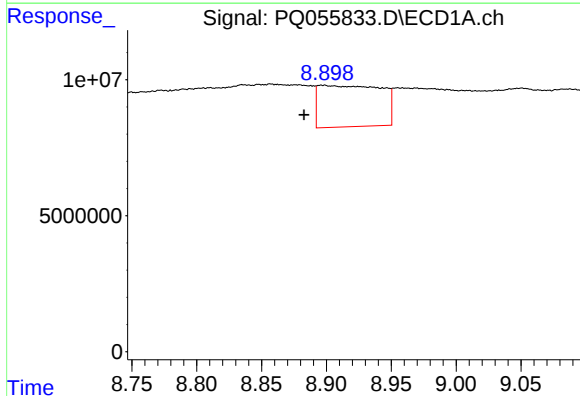
R.T.: 9.467 min
Delta R.T.: -0.008 min
Response: 4532758
Conc: 3.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



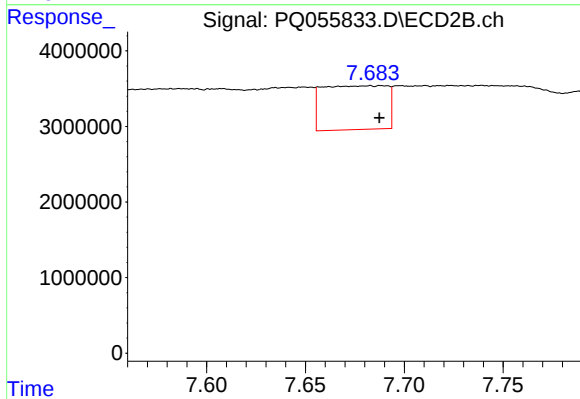
#35 AR-1260-5

R.T.: 8.242 min
Delta R.T.: 0.003 min
Response: 12525368
Conc: 10.54 ng/ml



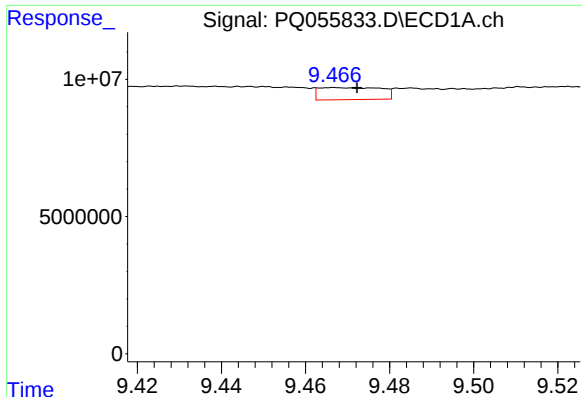
#36 AR-1262-1

R.T.: 8.898 min
Delta R.T.: 0.015 min
Response: 51152704
Conc: 71.41 ng/ml



#36 AR-1262-1

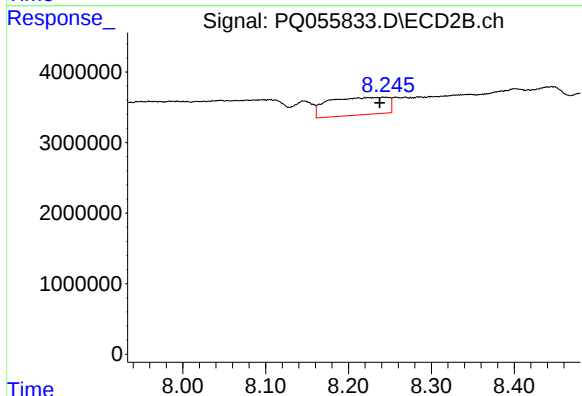
R.T.: 7.689 min
Delta R.T.: 0.001 min
Response: 13146594
Conc: 36.17 ng/ml



#37 AR-1262-2

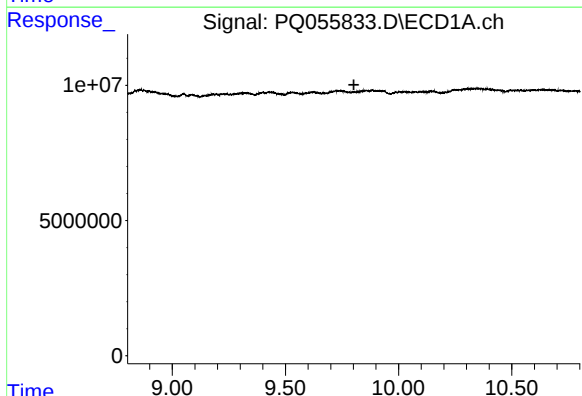
R.T.: 9.467 min
Delta R.T.: -0.005 min
Response: 4532758
Conc: 3.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



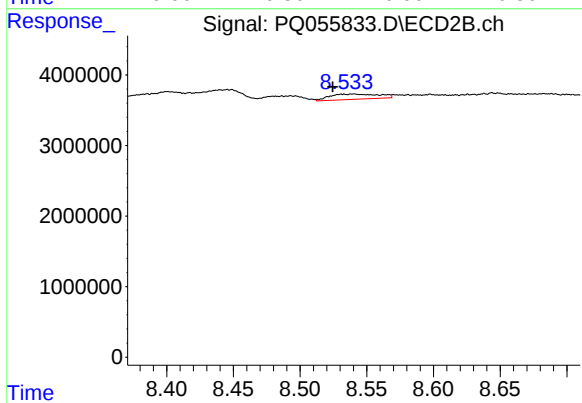
#37 AR-1262-2

R.T.: 8.242 min
Delta R.T.: 0.005 min
Response: 12525368
Conc: 9.47 ng/ml



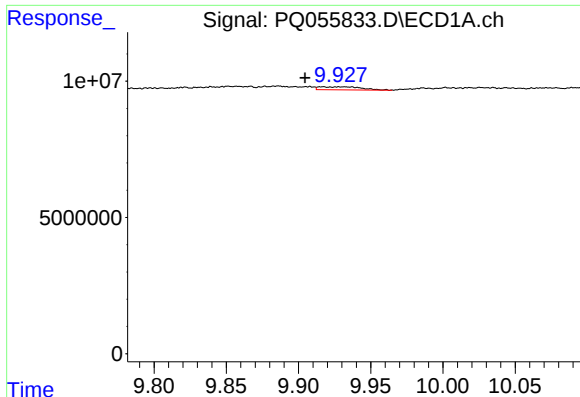
#38 AR-1262-3

R.T.: 9.796 min
Delta R.T.: -0.006 min
Response: -18958
Conc: N.D.



#38 AR-1262-3

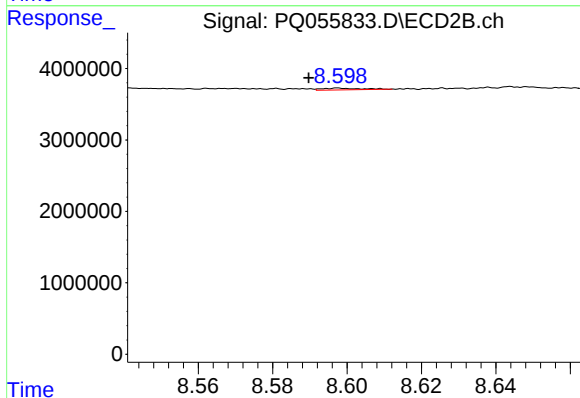
R.T.: 8.540 min
Delta R.T.: 0.016 min
Response: 1920373
Conc: 3.88 ng/ml



#39 AR-1262-4

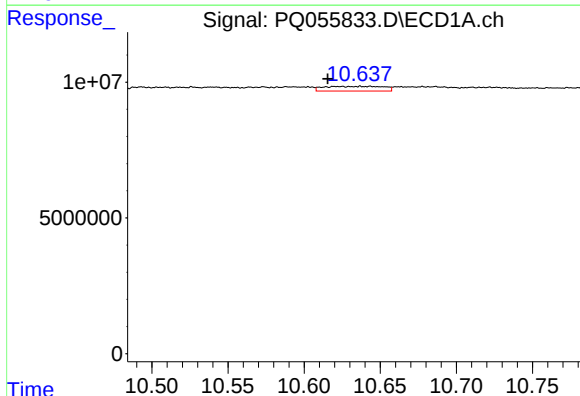
R.T.: 9.916 min
Delta R.T.: 0.012 min
Response: 2224802
Conc: 3.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



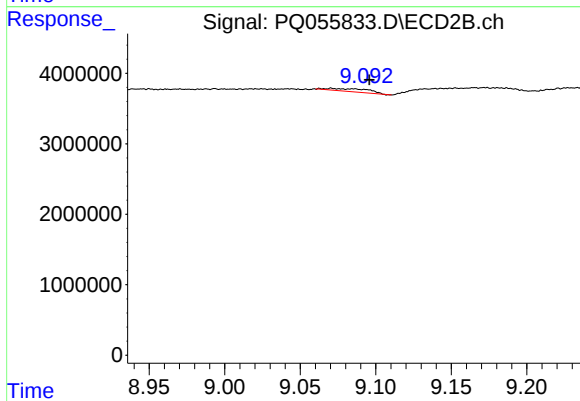
#39 AR-1262-4

R.T.: 8.598 min
Delta R.T.: 0.008 min
Response: 168696
Conc: 0.18 ng/ml



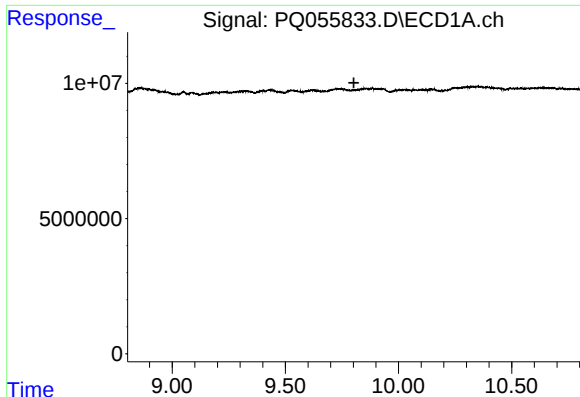
#40 AR-1262-5

R.T.: 10.621 min
Delta R.T.: 0.005 min
Response: 4733668
Conc: 6.92 ng/ml



#40 AR-1262-5

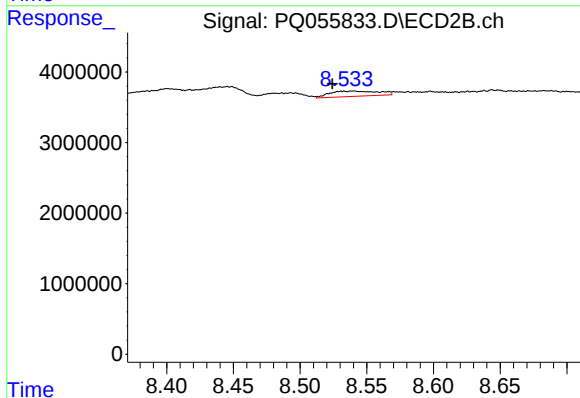
R.T.: 9.085 min
Delta R.T.: -0.011 min
Response: 736208
Conc: 1.85 ng/ml



#41 AR-1268-1

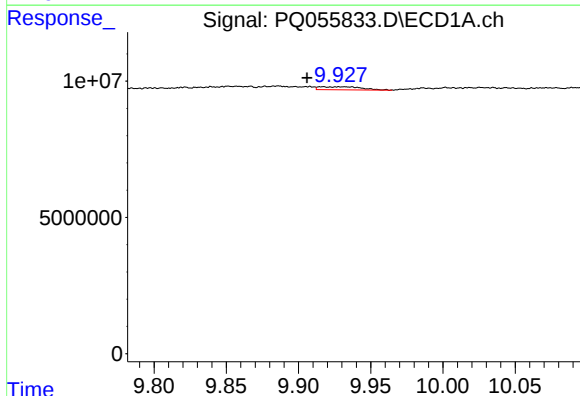
R.T.: 9.796 min
Delta R.T.: -0.007 min
Response: -18958
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



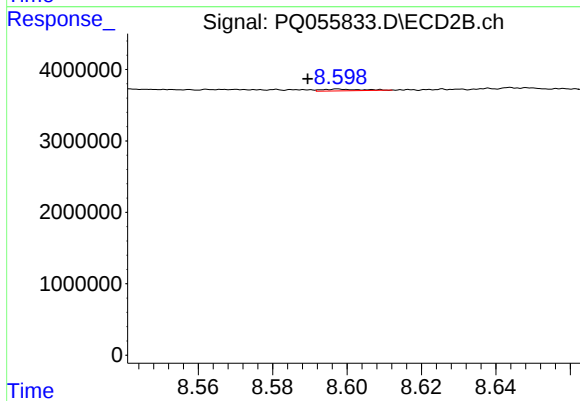
#41 AR-1268-1

R.T.: 8.540 min
Delta R.T.: 0.016 min
Response: 1920373
Conc: 1.31 ng/ml



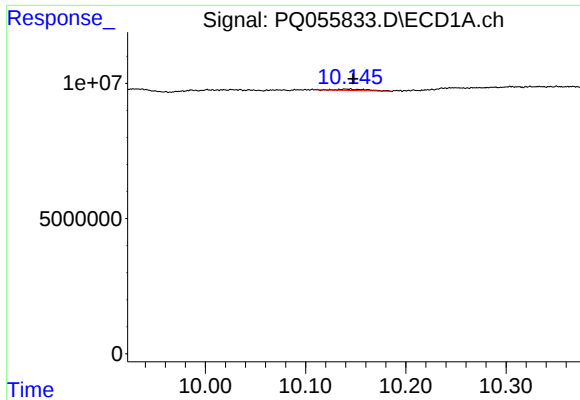
#42 AR-1268-2

R.T.: 9.916 min
Delta R.T.: 0.011 min
Response: 2224802
Conc: 1.11 ng/ml



#42 AR-1268-2

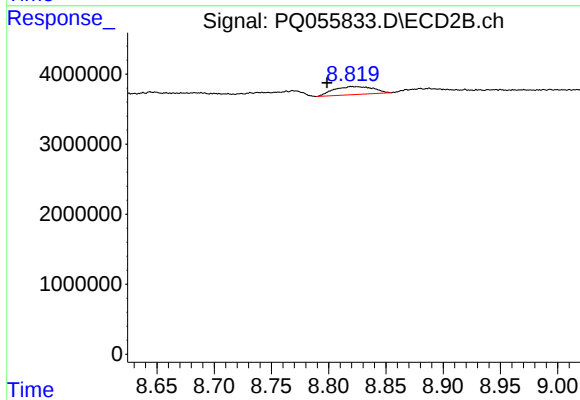
R.T.: 8.598 min
Delta R.T.: 0.008 min
Response: 168696
Conc: 0.13 ng/ml



#43 AR-1268-3

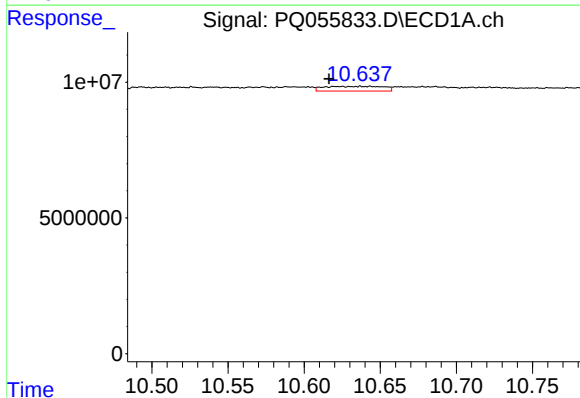
R.T.: 10.145 min
Delta R.T.: -0.002 min
Response: 1057252
Conc: 0.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



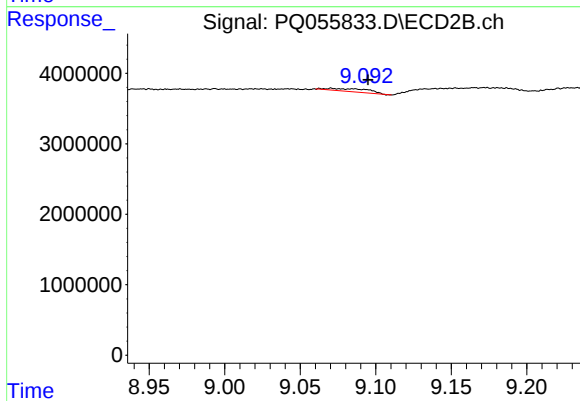
#43 AR-1268-3

R.T.: 8.820 min
Delta R.T.: 0.022 min
Response: 2749869
Conc: 2.49 ng/ml



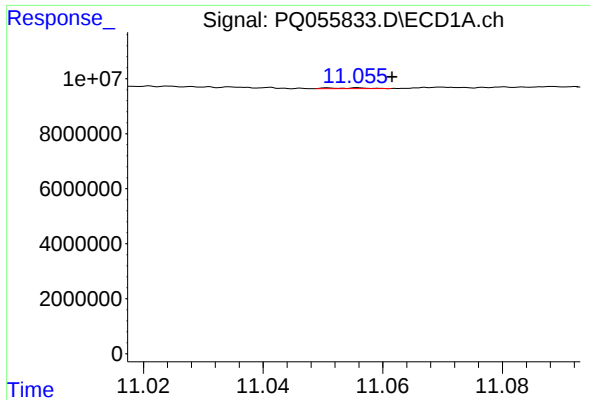
#44 AR-1268-4

R.T.: 10.621 min
Delta R.T.: 0.004 min
Response: 4733668
Conc: 6.35 ng/ml



#44 AR-1268-4

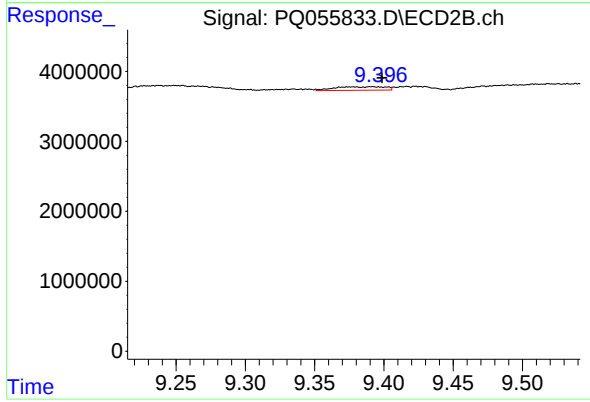
R.T.: 9.085 min
Delta R.T.: -0.010 min
Response: 736208
Conc: 1.68 ng/ml



#45 AR-1268-5

R.T.: 11.056 min
Delta R.T.: -0.006 min
Response: 110299
Conc: 0.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.392 min
Delta R.T.: -0.007 min
Response: 1290010
Conc: 0.39 ng/ml