

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012122\
 Data File : PQ055836.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 10:41
 Operator : AJ\MA
 Sample : I.BLK
 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: Jan 21 14:57:09 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...	5.240	4.299	228.7E6	181.6E6	16.887	16.151
2)	SA Decachlor...	11.417	9.662	251.1E6	131.7E6	17.203	16.516
Target Compounds							
3)	L1 AR-1016-1	6.563	5.553	1188481	601124	3.399	1.957 #
4)	L1 AR-1016-2	6.563f	5.582	1188481	2334661	1.748	3.748 #
5)	L1 AR-1016-3	6.665	5.781	593885	851938	1.306	3.121 #
6)	L1 AR-1016-4	6.772	5.839	838893	1484708	2.265	5.884 #
7)	L1 AR-1016-5	7.068	0.000	7142381	0	24.393	N.D. #
8)	L2 AR-1221-1	5.480	4.556	1227613	46348	8.602	0.409 #
9)	L2 AR-1221-2	5.596	4.658	4820522	2383372	43.945	27.231 #
10)	L2 AR-1221-3	5.674	4.757	1064468	239444	3.280	0.849 #
11)	L3 AR-1232-1	5.674	4.757	1064468	239444	3.969	1.042 #
12)	L3 AR-1232-2	6.267	5.582	1130620	2334661	7.626	9.601 #
13)	L3 AR-1232-3	6.563f	5.781	1188481	851938	4.277	8.202 #
14)	L3 AR-1232-4	6.772	0.000	838893	0	5.672	N.D. #
15)	L3 AR-1232-5	6.844	0.000	957240	0	10.124	N.D. #
16)	L4 AR-1242-1	6.563	5.582	1188481	2334661	4.405	10.087 #
17)	L4 AR-1242-2	6.563f	5.582	1188481	2334661	2.271	4.958 #
18)	L4 AR-1242-3	6.665	5.781	593885	851938	1.642	4.102 #
19)	L4 AR-1242-4	6.772	0.000	838893	0	2.875	N.D. #
20)	L4 AR-1242-5	7.565f	6.444	32383604	9738226	122.154	36.063 #
21)	L5 AR-1248-1	6.563	5.582	1188481	2334661	5.676	13.506 #
22)	L5 AR-1248-2	6.844	5.839	957240	1484708	2.990	4.654 #
23)	L5 AR-1248-3	7.068	0.000	7142381	0	18.878	N.D. #
24)	L5 AR-1248-4	7.503	0.000	19089914	0	45.124	N.D. #
25)	L5 AR-1248-5	7.565f	6.487	32383604	26825195	70.330	72.963
26)	L6 AR-1254-1	7.483	6.444	71550830	9738226	175.621	15.709 #
27)	L6 AR-1254-2	0.000	6.603	0	47875163	N.D.	88.408 #
28)	L6 AR-1254-3	8.089	6.995f	59736426	63790038	76.386	73.955
29)	L6 AR-1254-4	8.366f	7.256	127.1E6	10865150	224.269	17.387 #
30)	L6 AR-1254-5	8.805	7.688	36269972	26227160	57.462	34.586 #
31)	L7 AR-1260-1	8.259	7.154	48652253	24338750	101.225	44.448 #
32)	L7 AR-1260-2	8.528	7.350	196.0E6	36189223	332.771	54.519 #
33)	L7 AR-1260-3	8.898	7.491f	87366301	28560221	174.716	46.399 #
34)	L7 AR-1260-4	0.000	7.987	0	8289342	N.D.	16.410 #
35)	L7 AR-1260-5	0.000	8.235	0	16735702	N.D.	14.089 #
36)	L8 AR-1262-1	8.898f	7.688	87366301	26227160	121.963	72.165 #
37)	L8 AR-1262-2	0.000	8.235	0	16735702	N.D.	12.650 #
39)	L8 AR-1262-4	9.904	8.585	3186131	2078001	4.817	2.252 #
40)	L8 AR-1262-5	10.619	9.087	5006329	161808	7.319	0.406 #
42)	L9 AR-1268-2	9.904	8.585	3186131	2078001	1.596	1.568
43)	L9 AR-1268-3	10.142	8.799	922828	1356768	0.539	1.229 #

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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
44) L9	AR-1268-4	10.619	9.087	5006329	161808	6.715	0.368 #
45) L9	AR-1268-5	11.071	9.396	1041792	1761683	0.190	0.532 #

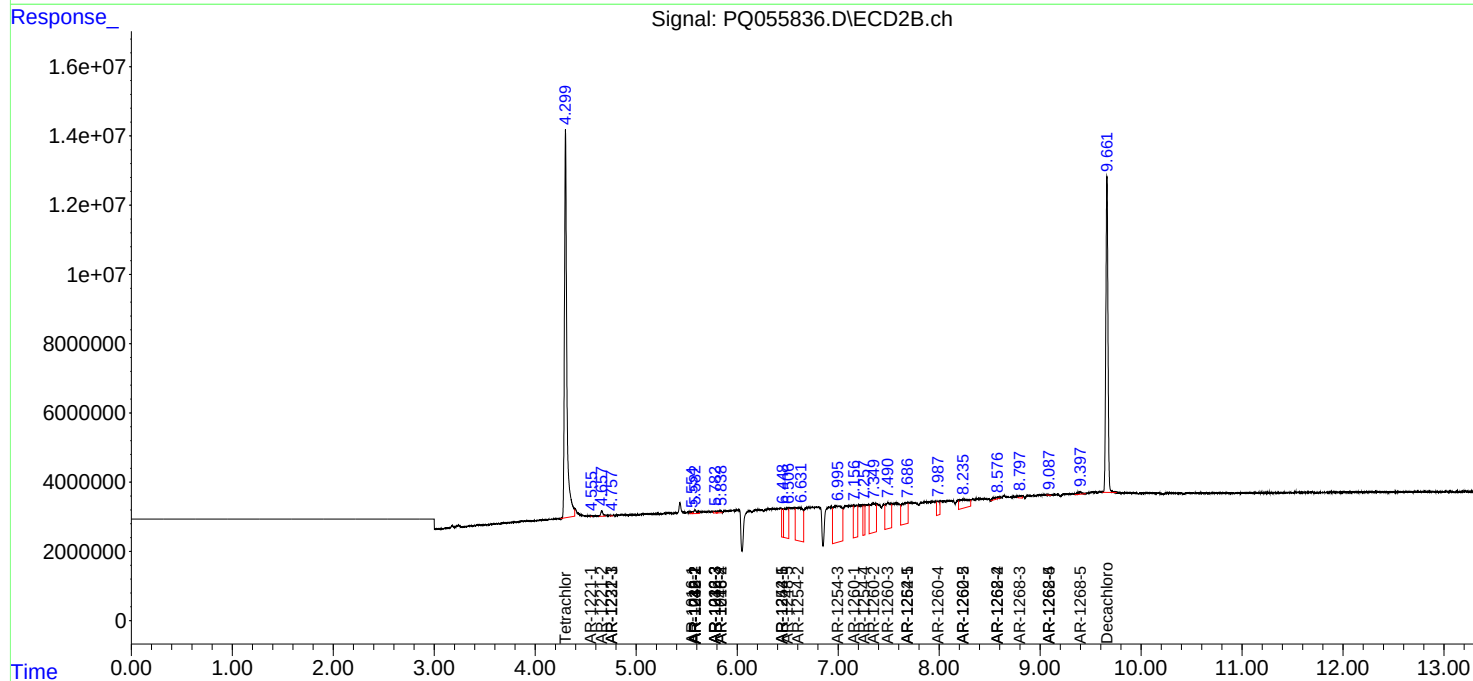
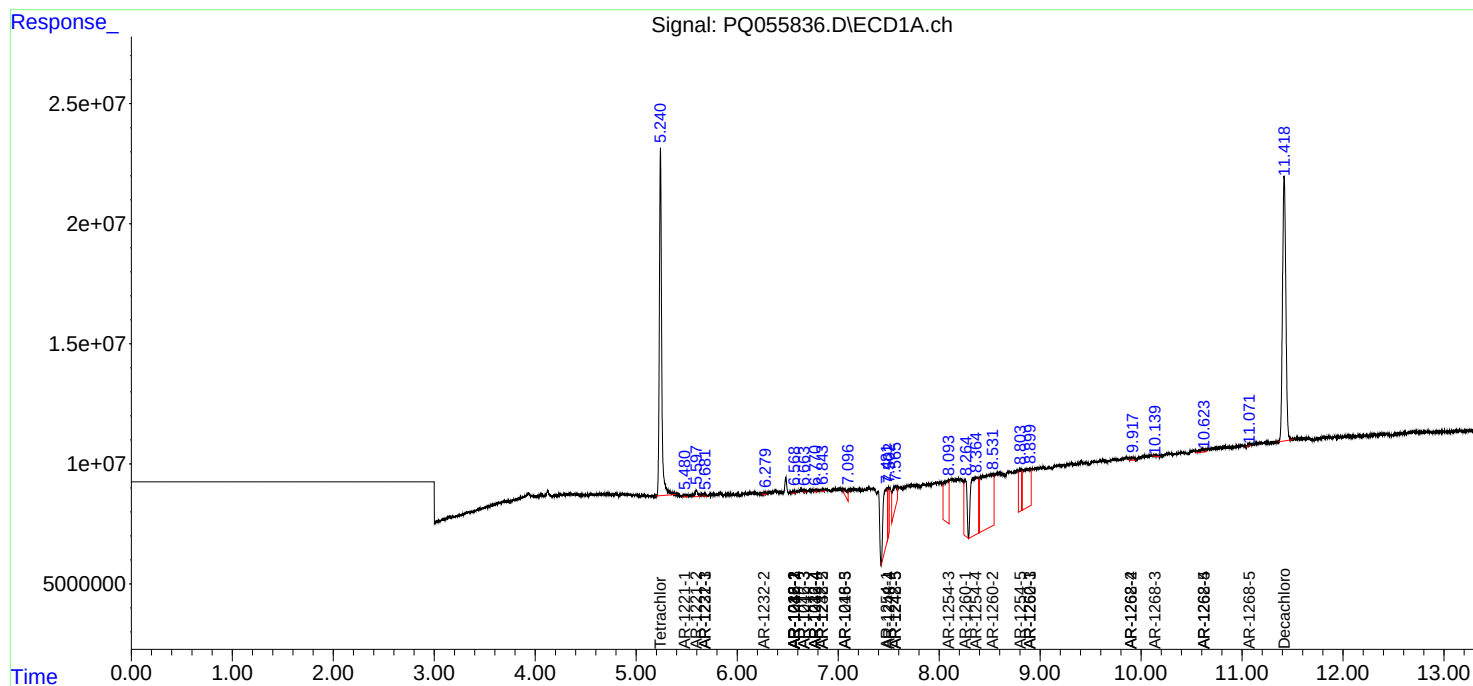
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

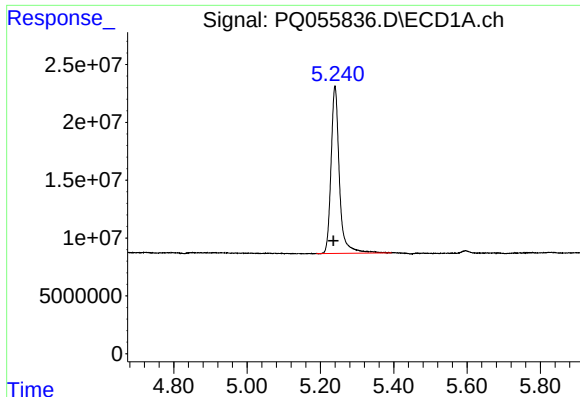
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Data File : PQ055836.D
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Acq On : 21 Jan 2022 10:41
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

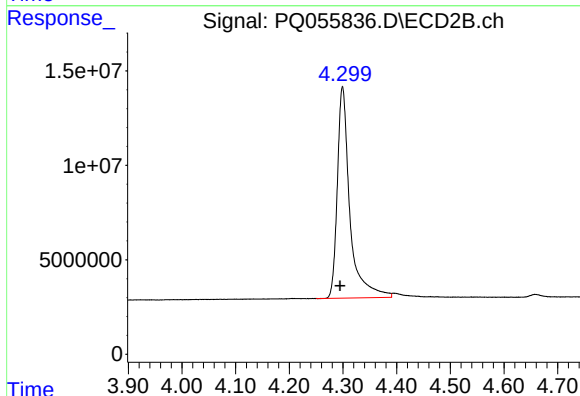




#1 Tetrachloro-m-xylene

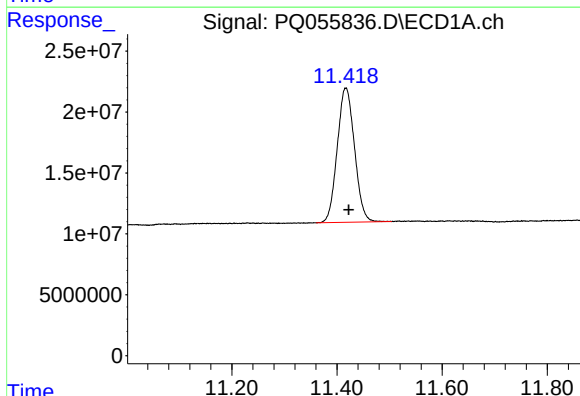
R.T.: 5.240 min
Delta R.T.: 0.004 min
Response: 228724226
Conc: 16.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



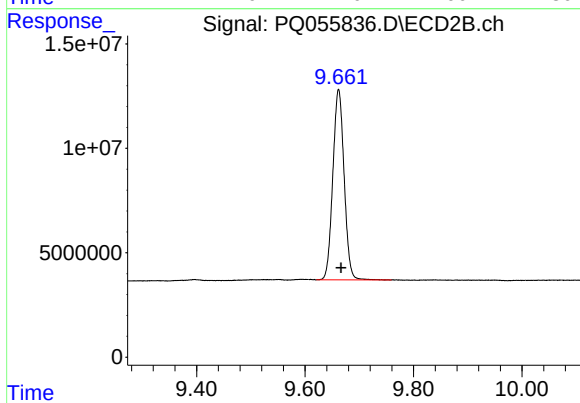
#1 Tetrachloro-m-xylene

R.T.: 4.299 min
Delta R.T.: 0.005 min
Response: 181596939
Conc: 16.15 ng/ml



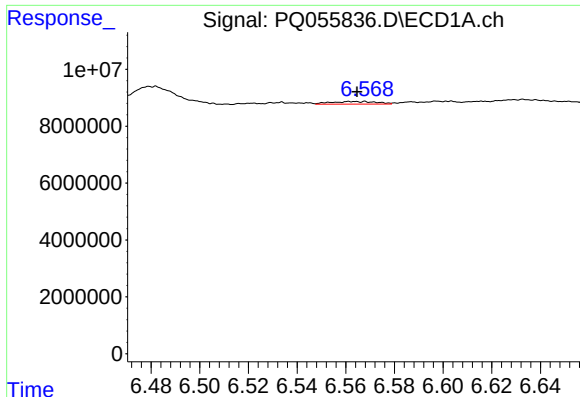
#2 Decachlorobiphenyl

R.T.: 11.417 min
Delta R.T.: -0.005 min
Response: 251145635
Conc: 17.20 ng/ml



#2 Decachlorobiphenyl

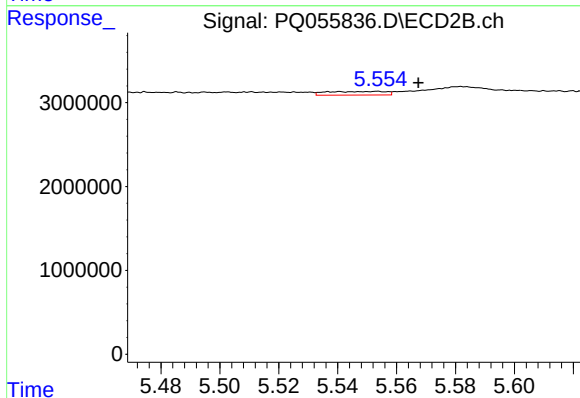
R.T.: 9.662 min
Delta R.T.: -0.004 min
Response: 131719598
Conc: 16.52 ng/ml



#3 AR-1016-1

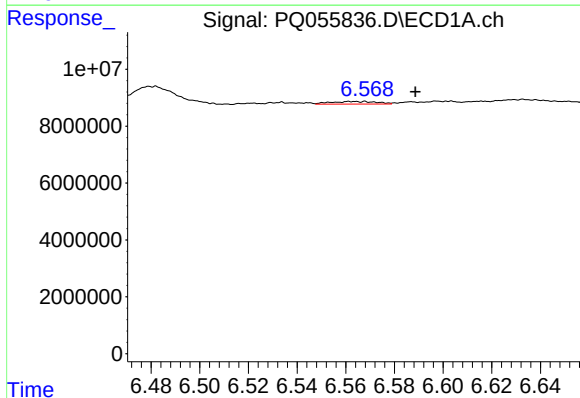
R.T.: 6.563 min
Delta R.T.: -0.002 min
Response: 1188481
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



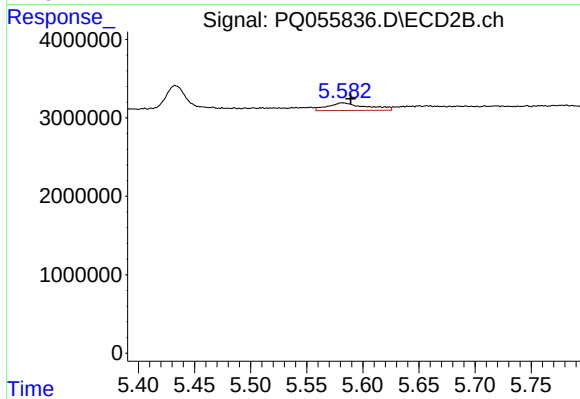
#3 AR-1016-1

R.T.: 5.553 min
Delta R.T.: -0.014 min
Response: 601124
Conc: 1.96 ng/ml



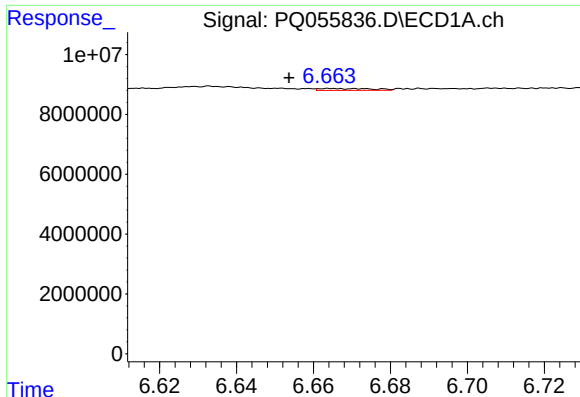
#4 AR-1016-2

R.T.: 6.563 min
Delta R.T.: -0.026 min
Response: 1188481
Conc: 1.75 ng/ml



#4 AR-1016-2

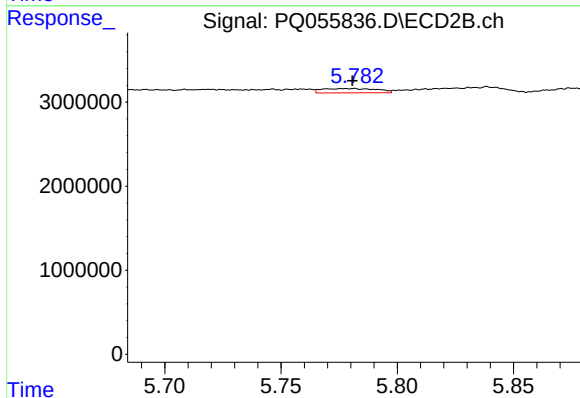
R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 2334661
Conc: 3.75 ng/ml



#5 AR-1016-3

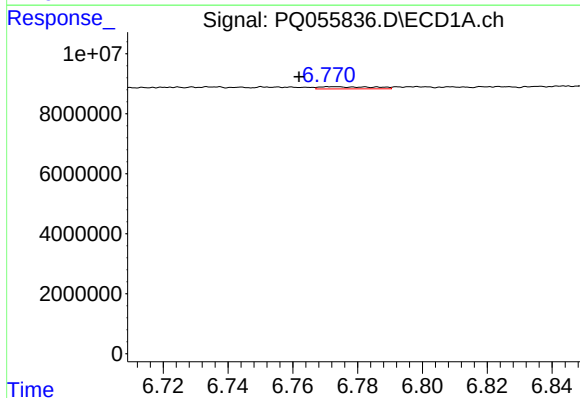
R.T.: 6.665 min
Delta R.T.: 0.011 min
Response: 593885
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



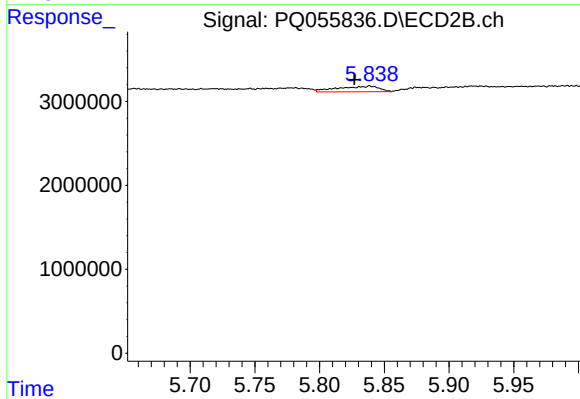
#5 AR-1016-3

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 851938
Conc: 3.12 ng/ml



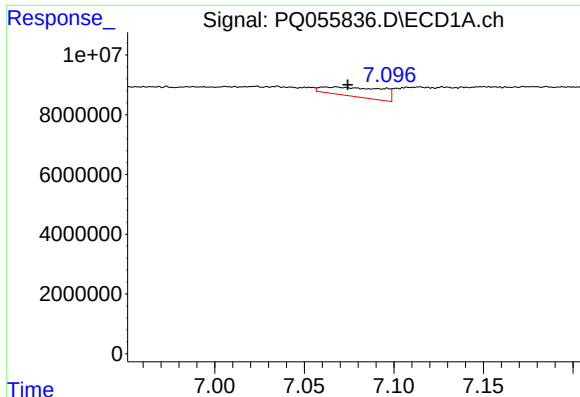
#6 AR-1016-4

R.T.: 6.772 min
Delta R.T.: 0.011 min
Response: 838893
Conc: 2.27 ng/ml



#6 AR-1016-4

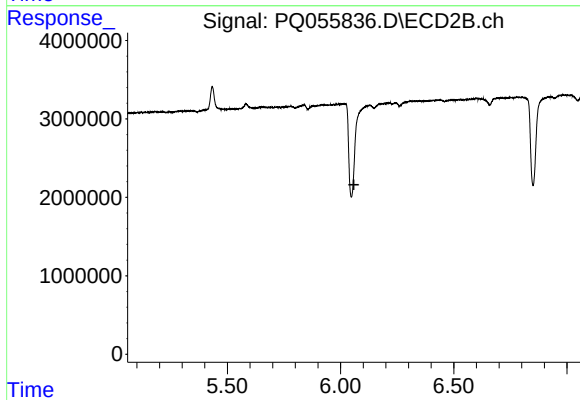
R.T.: 5.839 min
Delta R.T.: 0.012 min
Response: 1484708
Conc: 5.88 ng/ml



#7 AR-1016-5

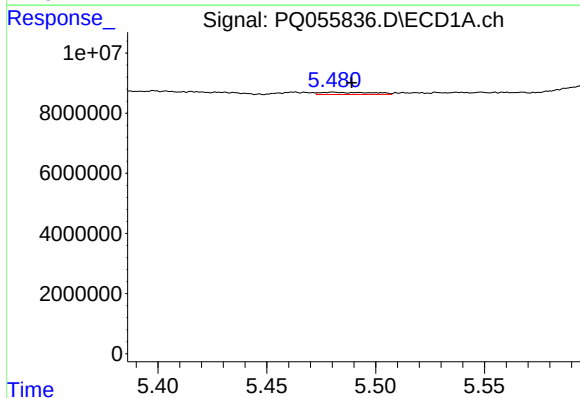
R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 7142381
Conc: 24.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



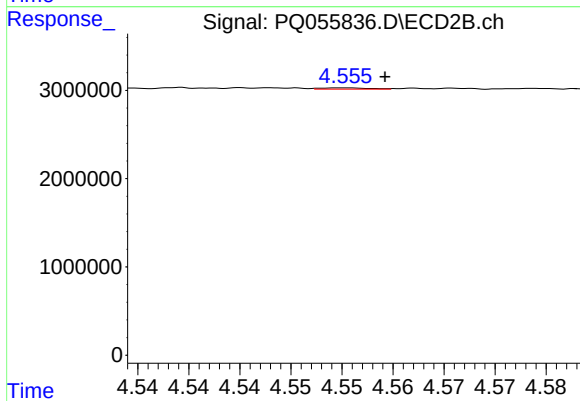
#7 AR-1016-5

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



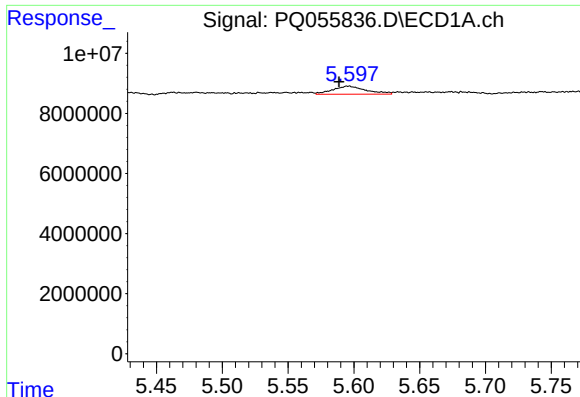
#8 AR-1221-1

R.T.: 5.480 min
Delta R.T.: -0.009 min
Response: 1227613
Conc: 8.60 ng/ml



#8 AR-1221-1

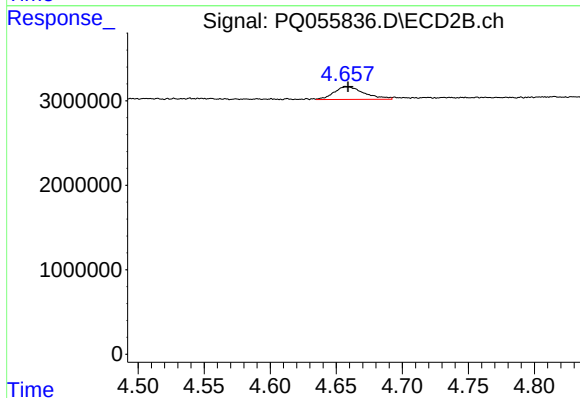
R.T.: 4.556 min
Delta R.T.: -0.004 min
Response: 46348
Conc: 0.41 ng/ml



#9 AR-1221-2

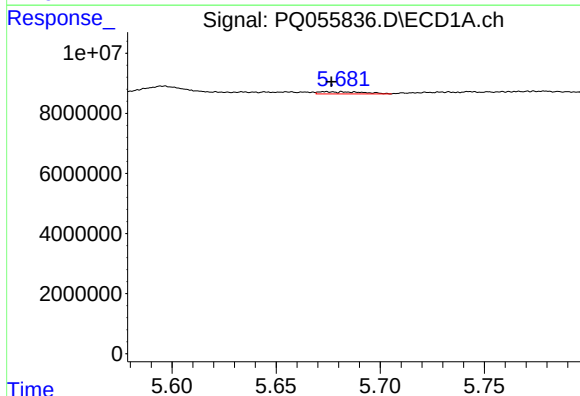
R.T.: 5.596 min
Delta R.T.: 0.007 min
Response: 4820522
Conc: 43.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



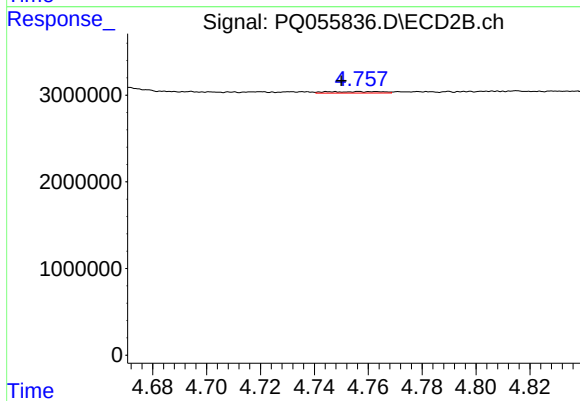
#9 AR-1221-2

R.T.: 4.658 min
Delta R.T.: -0.001 min
Response: 2383372
Conc: 27.23 ng/ml



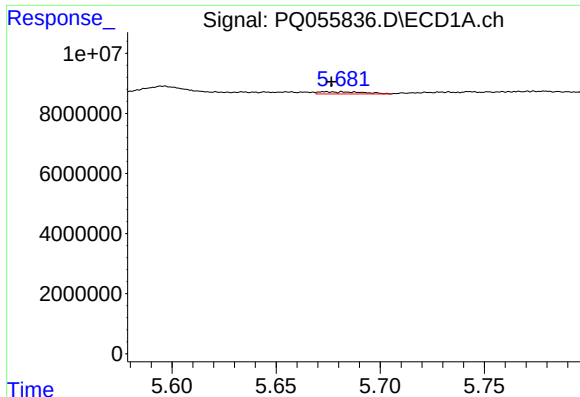
#10 AR-1221-3

R.T.: 5.674 min
Delta R.T.: -0.003 min
Response: 1064468
Conc: 3.28 ng/ml



#10 AR-1221-3

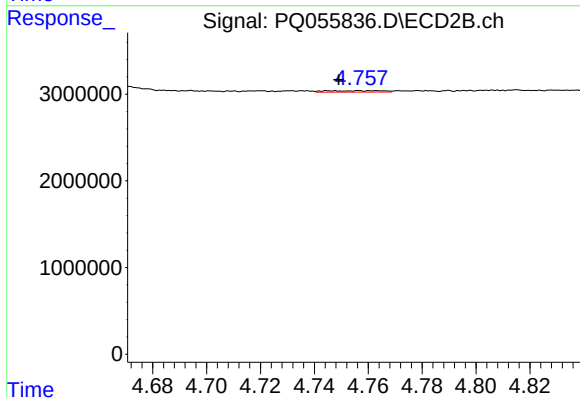
R.T.: 4.757 min
Delta R.T.: 0.007 min
Response: 239444
Conc: 0.85 ng/ml



#11 AR-1232-1

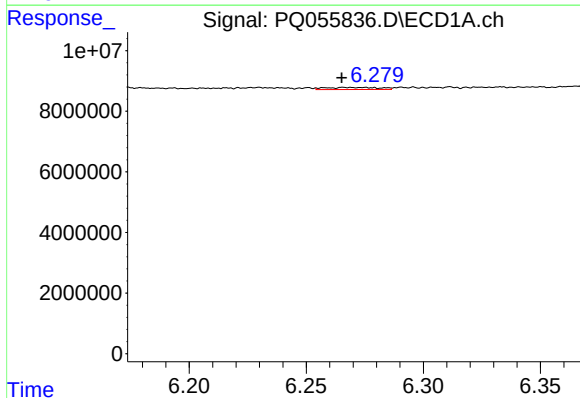
R.T.: 5.674 min
Delta R.T.: -0.003 min
Response: 1064468
Conc: 3.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



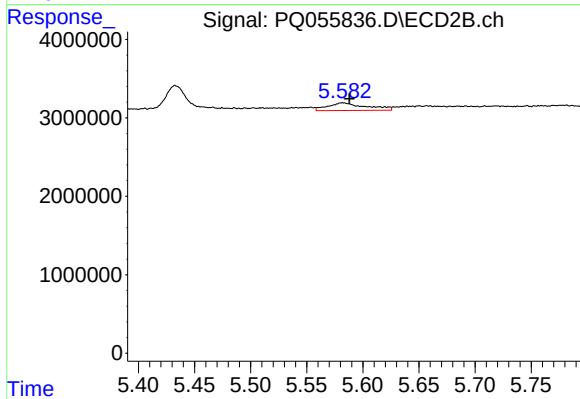
#11 AR-1232-1

R.T.: 4.757 min
Delta R.T.: 0.008 min
Response: 239444
Conc: 1.04 ng/ml



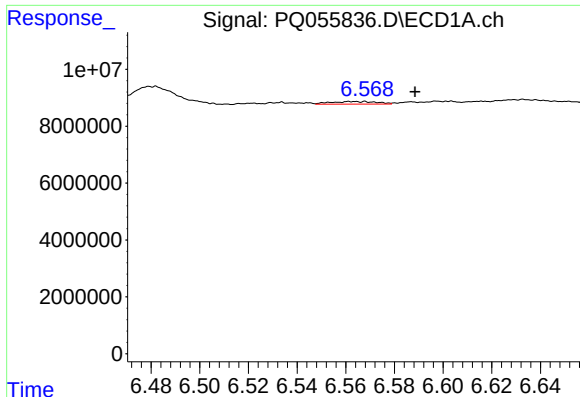
#12 AR-1232-2

R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 1130620
Conc: 7.63 ng/ml



#12 AR-1232-2

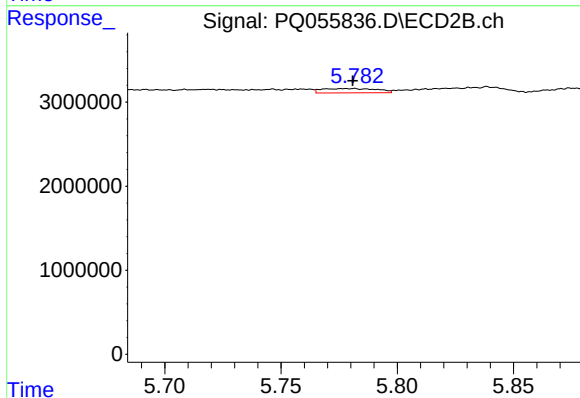
R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 2334661
Conc: 9.60 ng/ml



#13 AR-1232-3

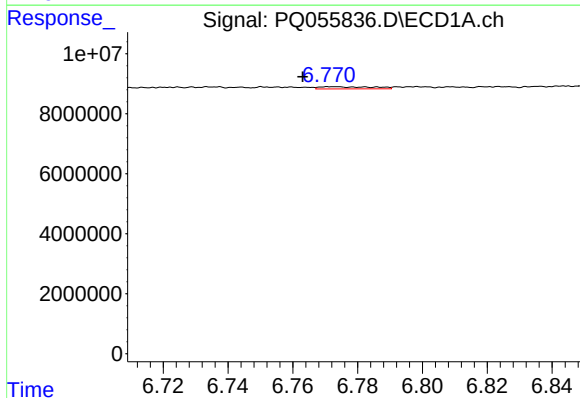
R.T.: 6.563 min
Delta R.T.: -0.026 min
Response: 1188481
Conc: 4.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



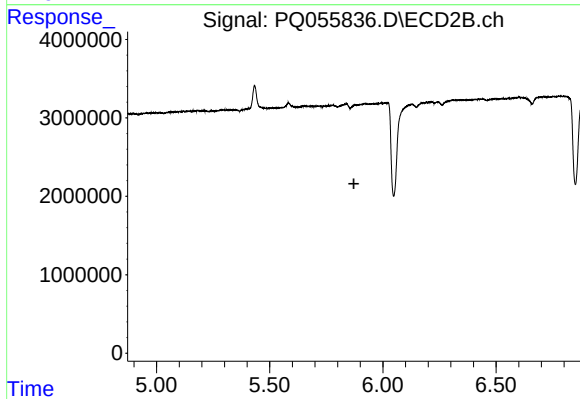
#13 AR-1232-3

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 851938
Conc: 8.20 ng/ml



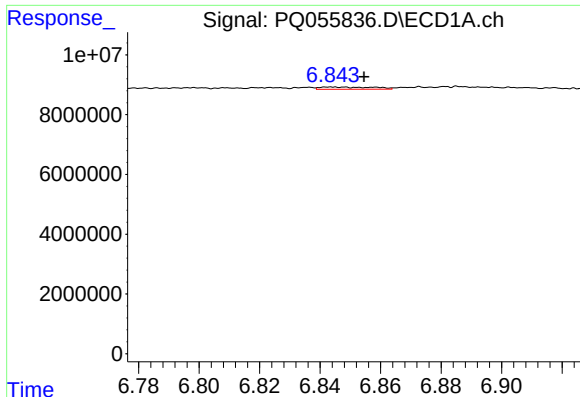
#14 AR-1232-4

R.T.: 6.772 min
Delta R.T.: 0.009 min
Response: 838893
Conc: 5.67 ng/ml



#14 AR-1232-4

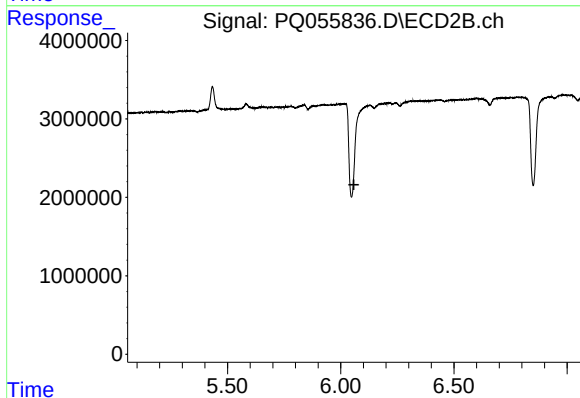
R.T.: 0.000 min
Exp R.T.: 5.872 min
Response: 0
Conc: N.D.



#15 AR-1232-5

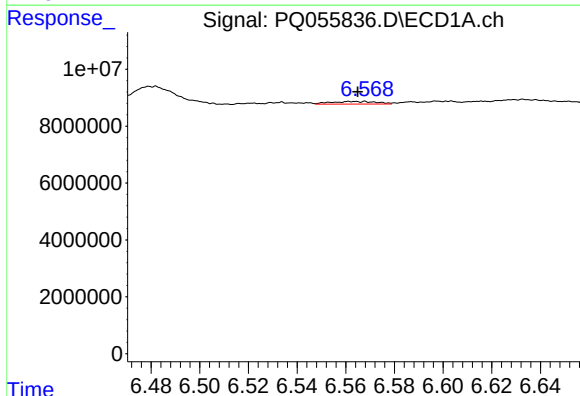
R.T.: 6.844 min
Delta R.T.: -0.011 min
Response: 957240
Conc: 10.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



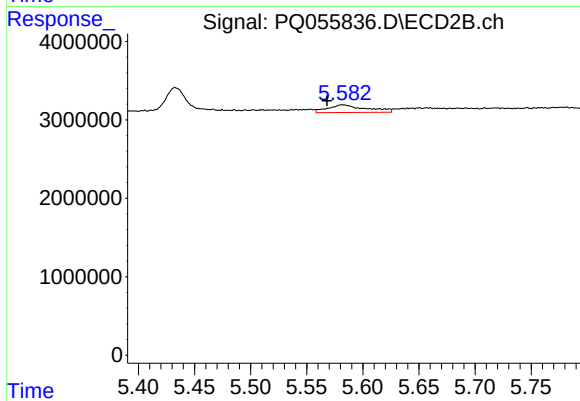
#15 AR-1232-5

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



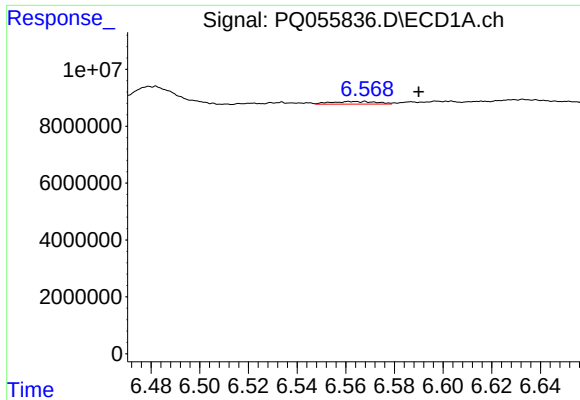
#16 AR-1242-1

R.T.: 6.563 min
Delta R.T.: -0.002 min
Response: 1188481
Conc: 4.40 ng/ml



#16 AR-1242-1

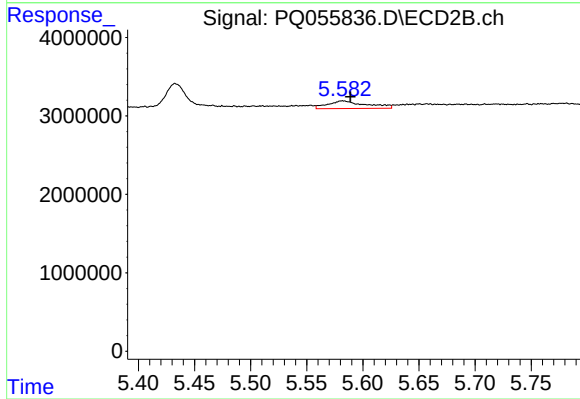
R.T.: 5.582 min
Delta R.T.: 0.014 min
Response: 2334661
Conc: 10.09 ng/ml



#17 AR-1242-2

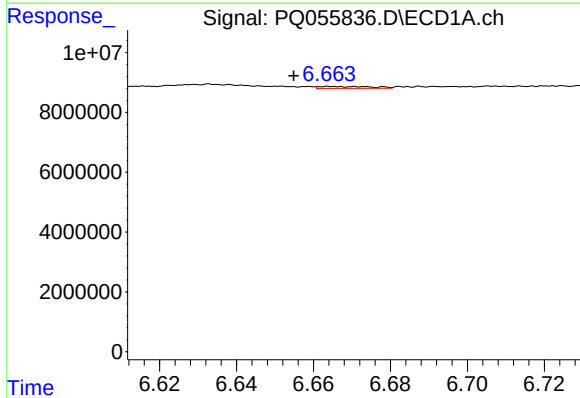
R.T.: 6.563 min
Delta R.T.: -0.027 min
Response: 1188481
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



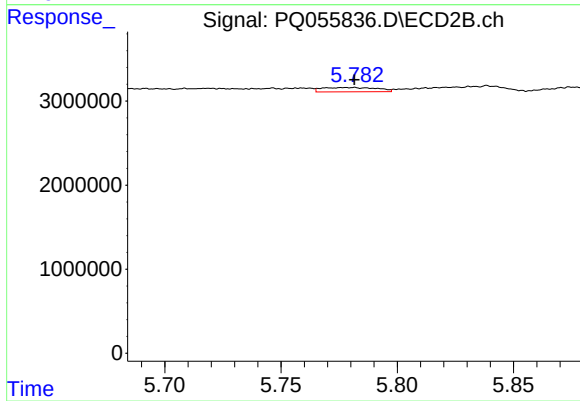
#17 AR-1242-2

R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 2334661
Conc: 4.96 ng/ml



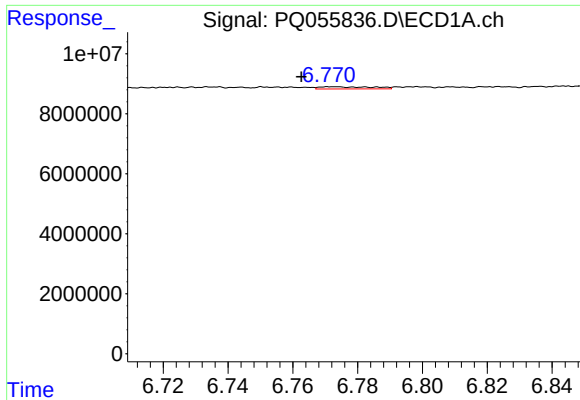
#18 AR-1242-3

R.T.: 6.665 min
Delta R.T.: 0.010 min
Response: 593885
Conc: 1.64 ng/ml



#18 AR-1242-3

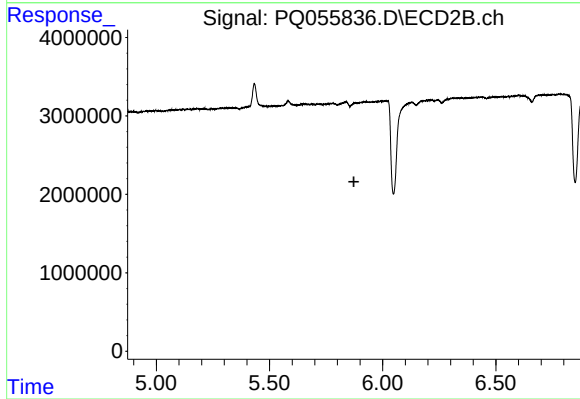
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 851938
Conc: 4.10 ng/ml



#19 AR-1242-4

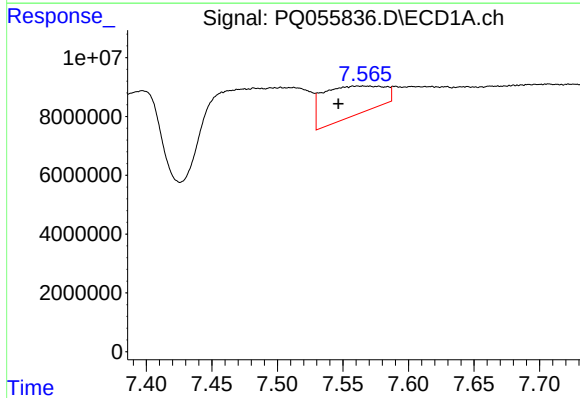
R.T.: 6.772 min
Delta R.T.: 0.010 min
Response: 838893
Conc: 2.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



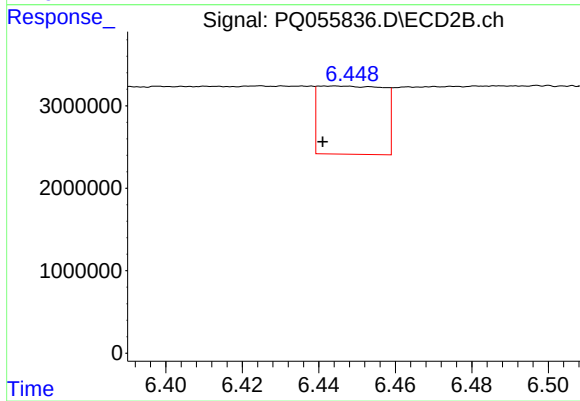
#19 AR-1242-4

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



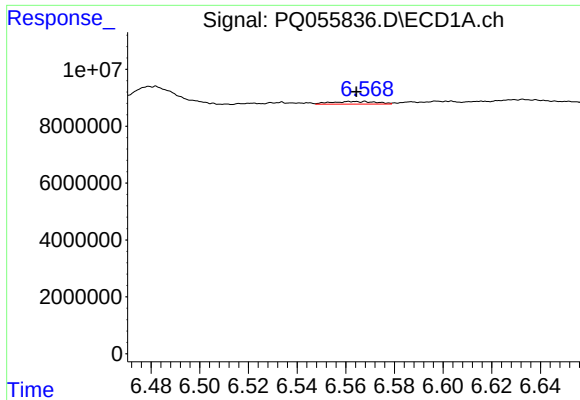
#20 AR-1242-5

R.T.: 7.565 min
Delta R.T.: 0.019 min
Response: 32383604
Conc: 122.15 ng/ml



#20 AR-1242-5

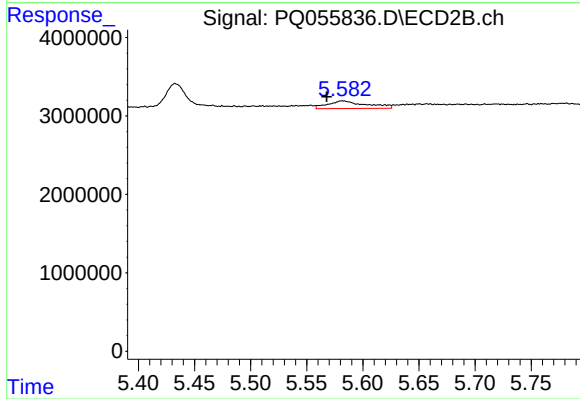
R.T.: 6.444 min
Delta R.T.: 0.003 min
Response: 9738226
Conc: 36.06 ng/ml



#21 AR-1248-1

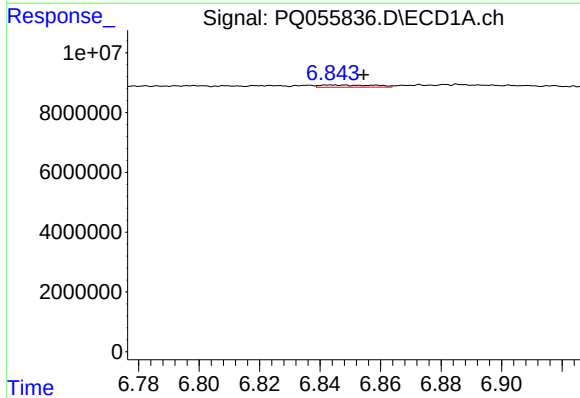
R.T.: 6.563 min
Delta R.T.: -0.002 min
Response: 1188481
Conc: 5.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



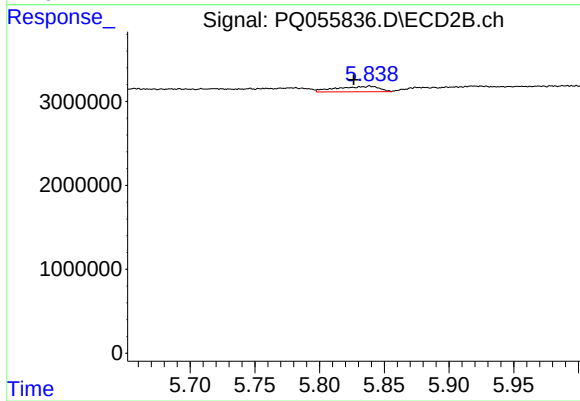
#21 AR-1248-1

R.T.: 5.582 min
Delta R.T.: 0.014 min
Response: 2334661
Conc: 13.51 ng/ml



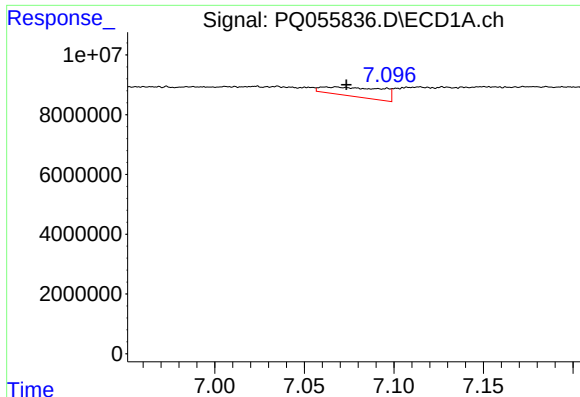
#22 AR-1248-2

R.T.: 6.844 min
Delta R.T.: -0.011 min
Response: 957240
Conc: 2.99 ng/ml



#22 AR-1248-2

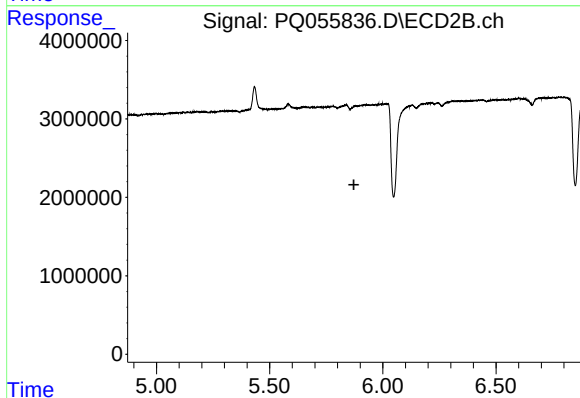
R.T.: 5.839 min
Delta R.T.: 0.012 min
Response: 1484708
Conc: 4.65 ng/ml



#23 AR-1248-3

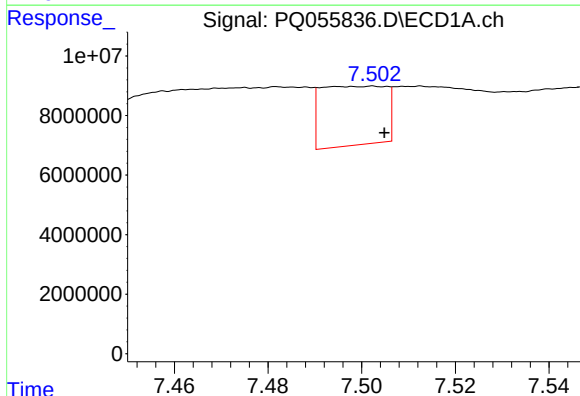
R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 7142381
Conc: 18.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



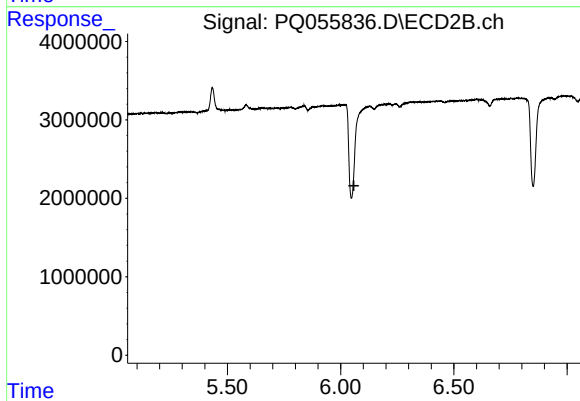
#23 AR-1248-3

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



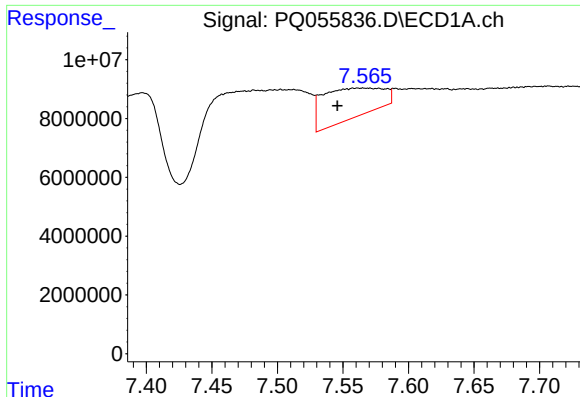
#24 AR-1248-4

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 19089914
Conc: 45.12 ng/ml



#24 AR-1248-4

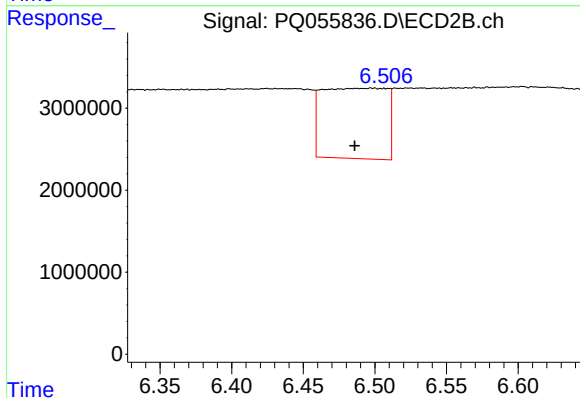
R.T.: 0.000 min
Exp R.T. : 6.058 min
Response: 0
Conc: N.D.



#25 AR-1248-5

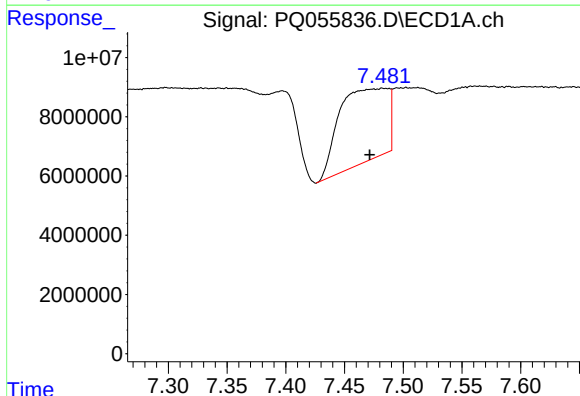
R.T.: 7.565 min
Delta R.T.: 0.020 min
Response: 32383604
Conc: 70.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



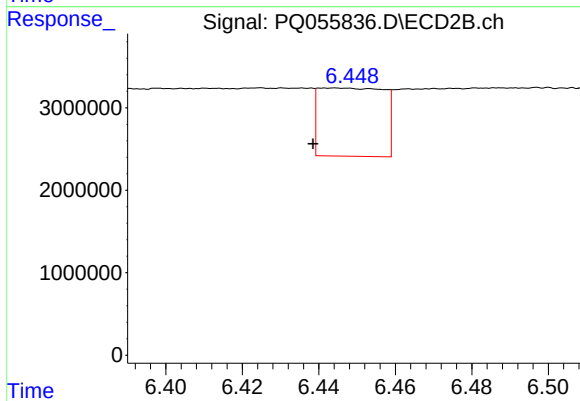
#25 AR-1248-5

R.T.: 6.487 min
Delta R.T.: 0.001 min
Response: 26825195
Conc: 72.96 ng/ml



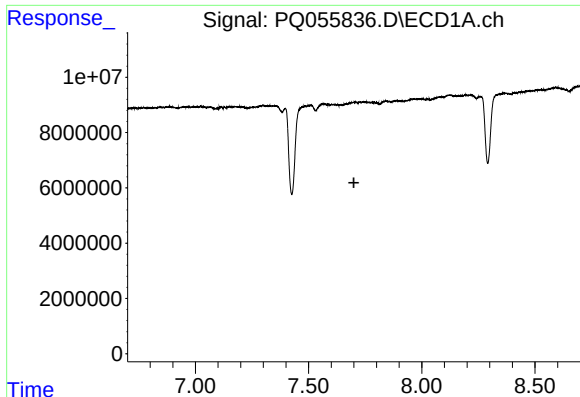
#26 AR-1254-1

R.T.: 7.483 min
Delta R.T.: 0.011 min
Response: 71550830
Conc: 175.62 ng/ml



#26 AR-1254-1

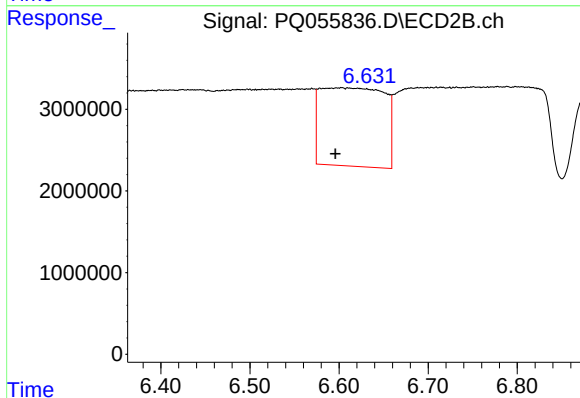
R.T.: 6.444 min
Delta R.T.: 0.006 min
Response: 9738226
Conc: 15.71 ng/ml



#27 AR-1254-2

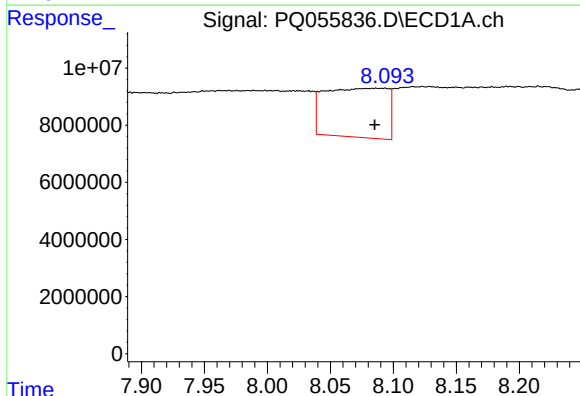
R.T.: 0.000 min
Exp R.T.: 7.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



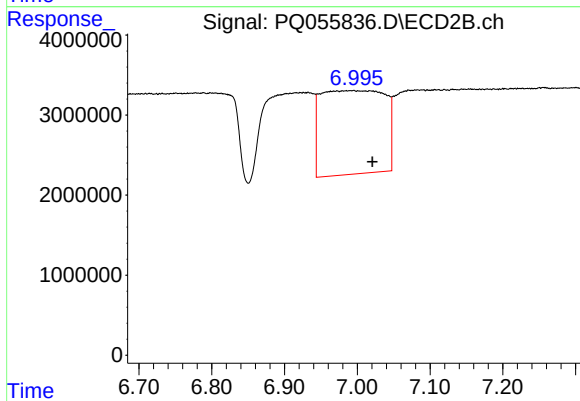
#27 AR-1254-2

R.T.: 6.603 min
Delta R.T.: 0.007 min
Response: 47875163
Conc: 88.41 ng/ml



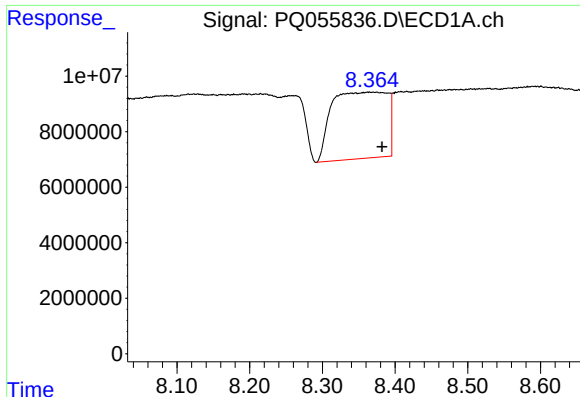
#28 AR-1254-3

R.T.: 8.089 min
Delta R.T.: 0.004 min
Response: 59736426
Conc: 76.39 ng/ml



#28 AR-1254-3

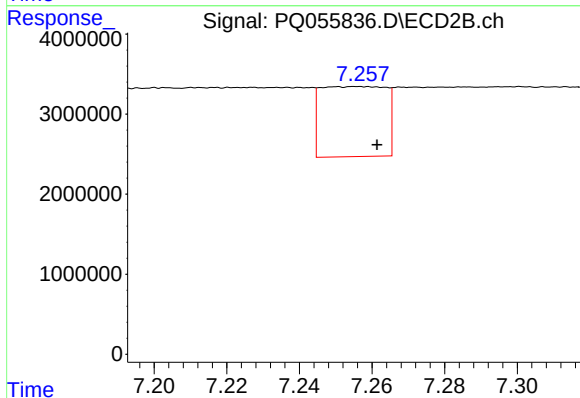
R.T.: 6.995 min
Delta R.T.: -0.026 min
Response: 63790038
Conc: 73.96 ng/ml



#29 AR-1254-4

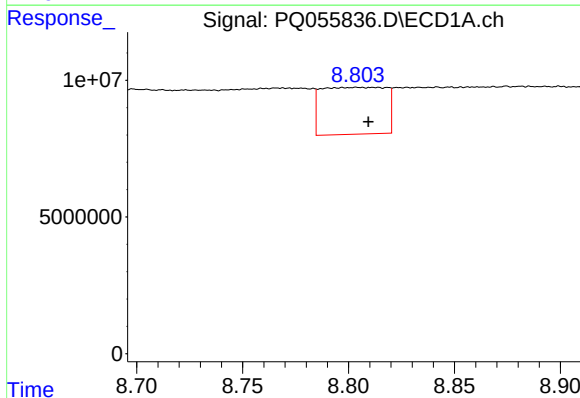
R.T.: 8.366 min
Delta R.T.: -0.017 min
Response: 127054789
Conc: 224.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



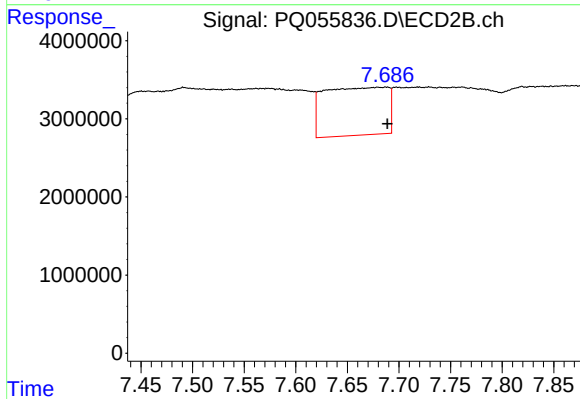
#29 AR-1254-4

R.T.: 7.256 min
Delta R.T.: -0.005 min
Response: 10865150
Conc: 17.39 ng/ml



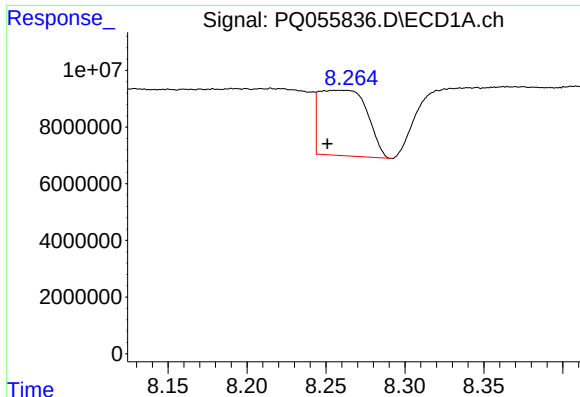
#30 AR-1254-5

R.T.: 8.805 min
Delta R.T.: -0.004 min
Response: 36269972
Conc: 57.46 ng/ml



#30 AR-1254-5

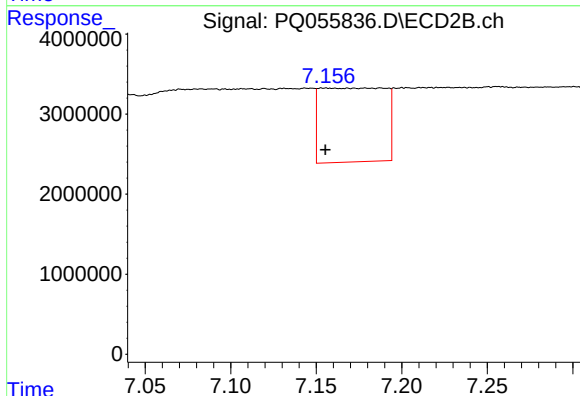
R.T.: 7.688 min
Delta R.T.: -0.001 min
Response: 26227160
Conc: 34.59 ng/ml



#31 AR-1260-1

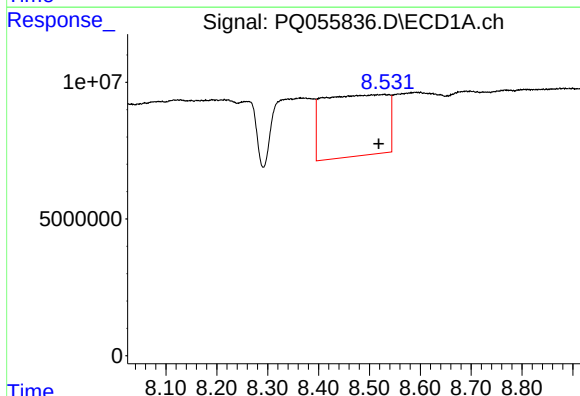
R.T.: 8.259 min
Delta R.T.: 0.008 min
Response: 48652253
Conc: 101.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



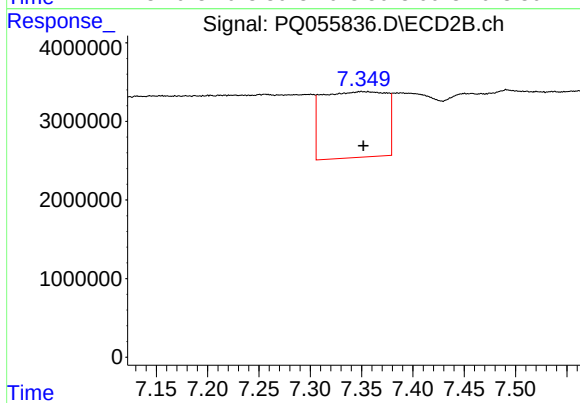
#31 AR-1260-1

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 24338750
Conc: 44.45 ng/ml



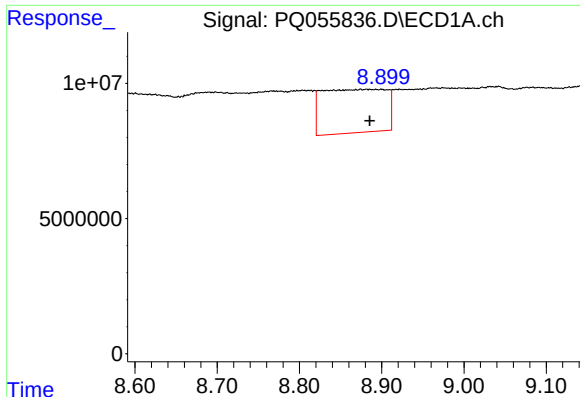
#32 AR-1260-2

R.T.: 8.528 min
Delta R.T.: 0.010 min
Response: 196028007
Conc: 332.77 ng/ml



#32 AR-1260-2

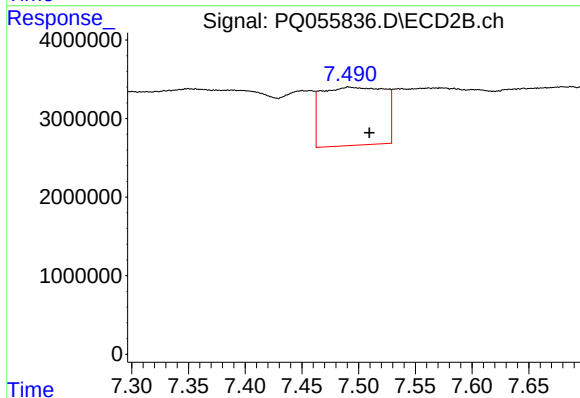
R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 36189223
Conc: 54.52 ng/ml



#33 AR-1260-3

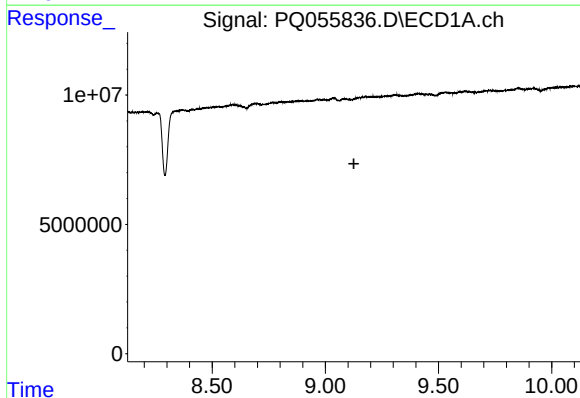
R.T.: 8.898 min
Delta R.T.: 0.013 min
Response: 87366301
Conc: 174.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



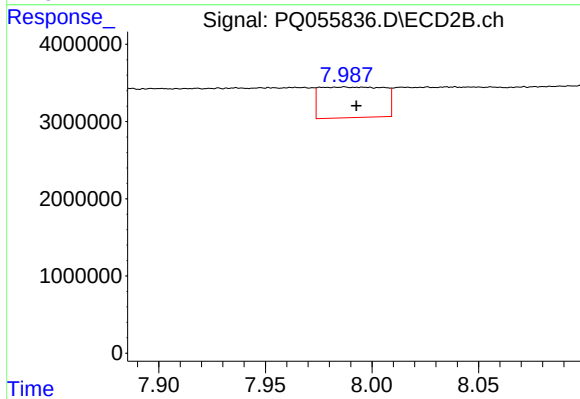
#33 AR-1260-3

R.T.: 7.491 min
Delta R.T.: -0.018 min
Response: 28560221
Conc: 46.40 ng/ml



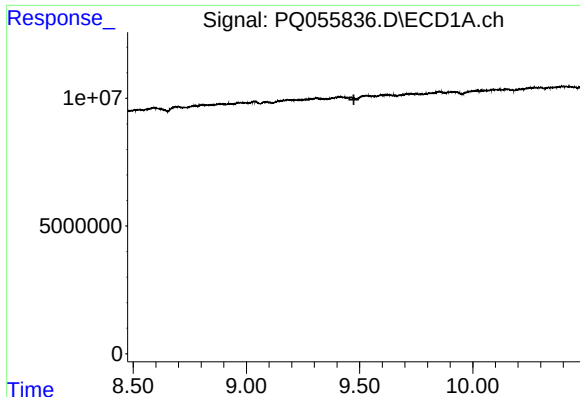
#34 AR-1260-4

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



#34 AR-1260-4

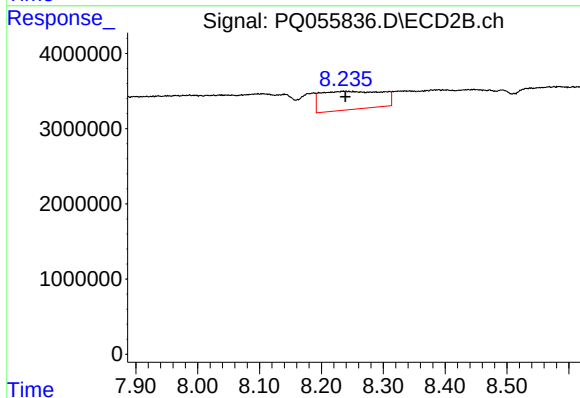
R.T.: 7.987 min
Delta R.T.: -0.006 min
Response: 8289342
Conc: 16.41 ng/ml



#35 AR-1260-5

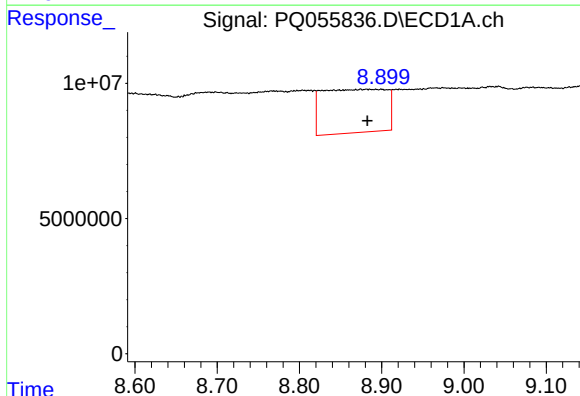
R.T.: 0.000 min
Exp R.T.: 9.475 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



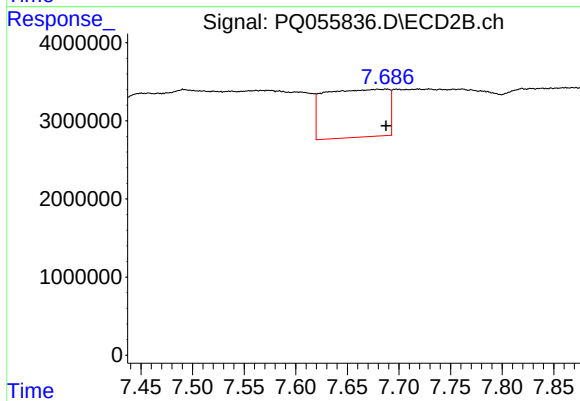
#35 AR-1260-5

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 16735702
Conc: 14.09 ng/ml



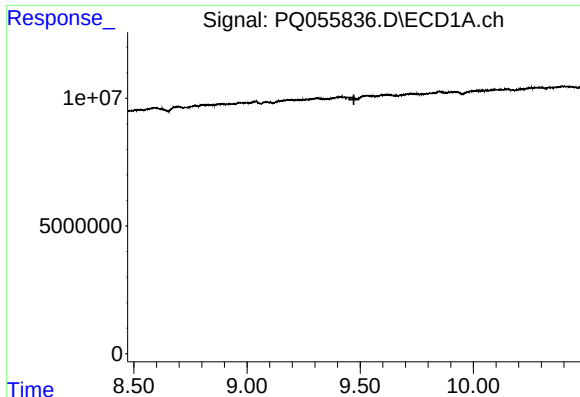
#36 AR-1262-1

R.T.: 8.898 min
Delta R.T.: 0.016 min
Response: 87366301
Conc: 121.96 ng/ml



#36 AR-1262-1

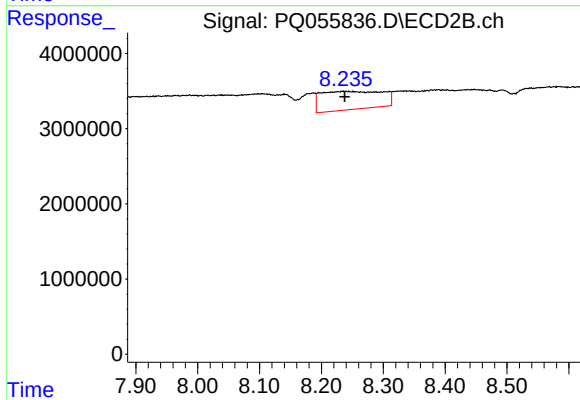
R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 26227160
Conc: 72.16 ng/ml



#37 AR-1262-2

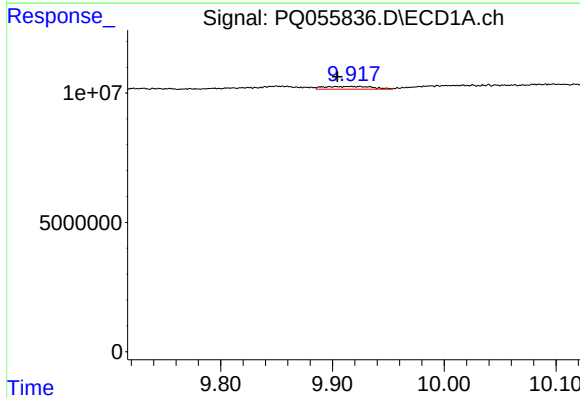
R.T.: 0.000 min
Exp R.T.: 9.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



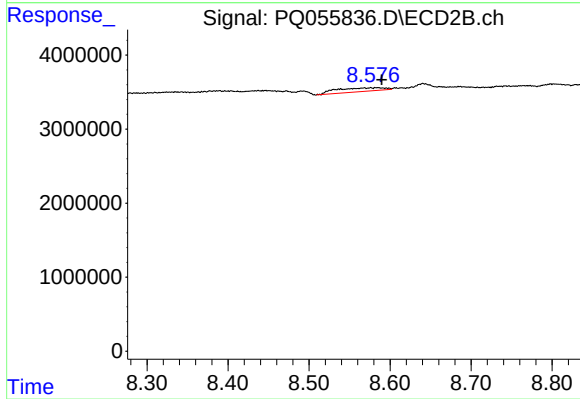
#37 AR-1262-2

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 16735702
Conc: 12.65 ng/ml



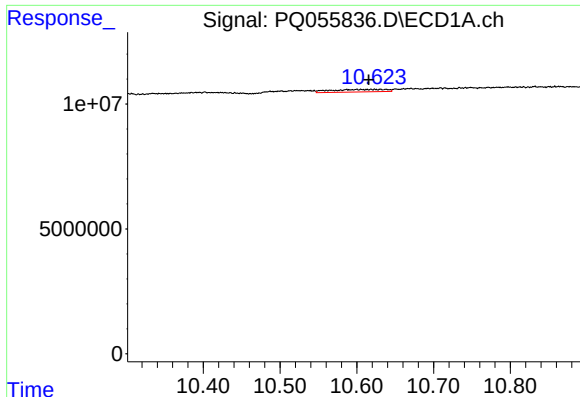
#39 AR-1262-4

R.T.: 9.904 min
Delta R.T.: 0.000 min
Response: 3186131
Conc: 4.82 ng/ml



#39 AR-1262-4

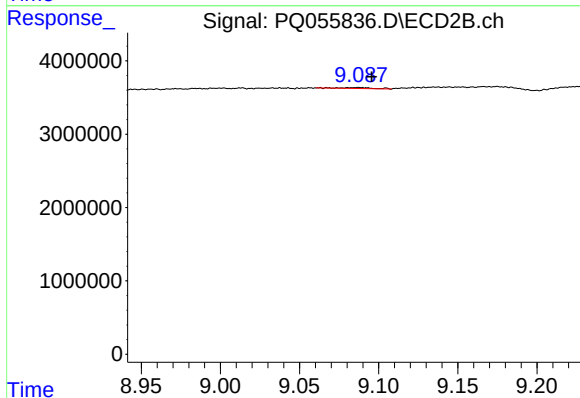
R.T.: 8.585 min
Delta R.T.: -0.005 min
Response: 2078001
Conc: 2.25 ng/ml



#40 AR-1262-5

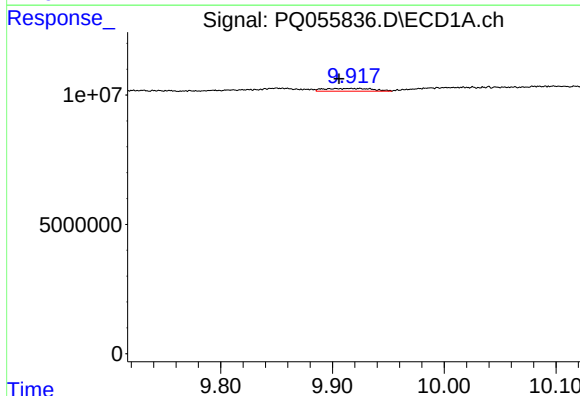
R.T.: 10.619 min
Delta R.T.: 0.004 min
Response: 5006329
Conc: 7.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



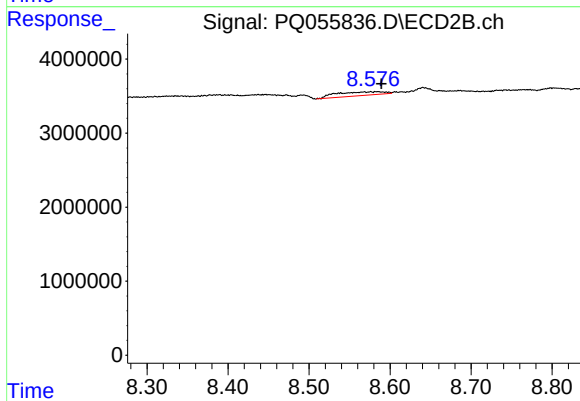
#40 AR-1262-5

R.T.: 9.087 min
Delta R.T.: -0.009 min
Response: 161808
Conc: 0.41 ng/ml



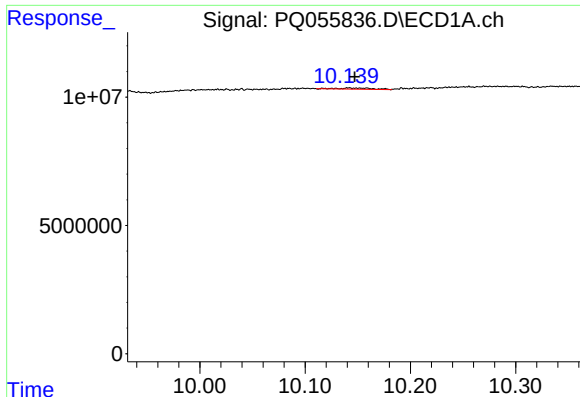
#42 AR-1268-2

R.T.: 9.904 min
Delta R.T.: -0.002 min
Response: 3186131
Conc: 1.60 ng/ml



#42 AR-1268-2

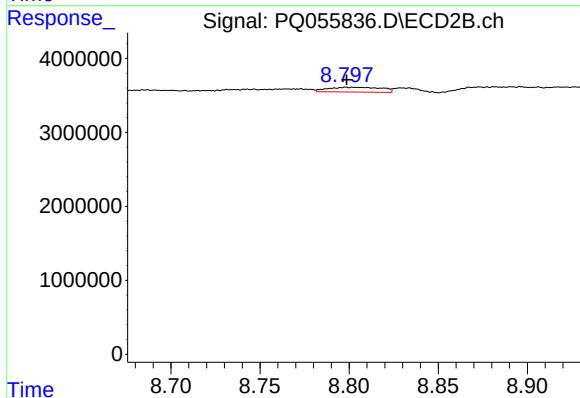
R.T.: 8.585 min
Delta R.T.: -0.005 min
Response: 2078001
Conc: 1.57 ng/ml



#43 AR-1268-3

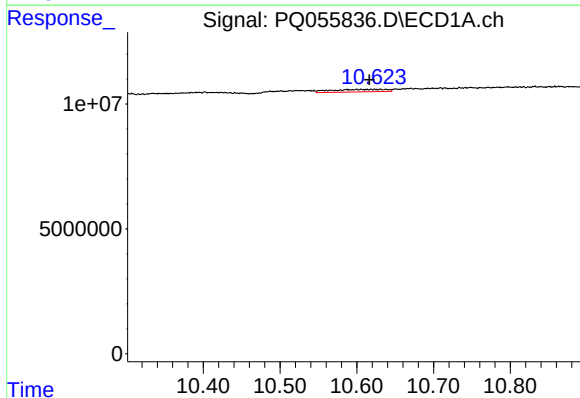
R.T.: 10.142 min
Delta R.T.: -0.005 min
Response: 922828
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



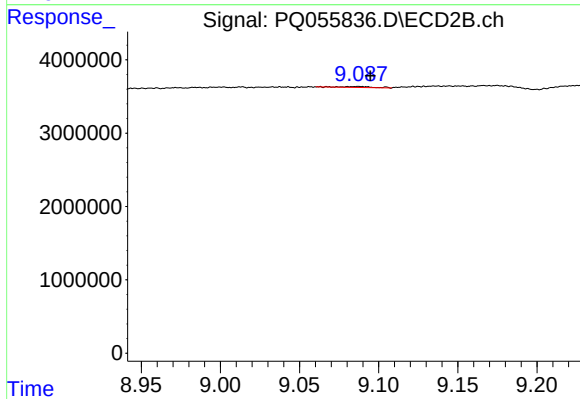
#43 AR-1268-3

R.T.: 8.799 min
Delta R.T.: 0.000 min
Response: 1356768
Conc: 1.23 ng/ml



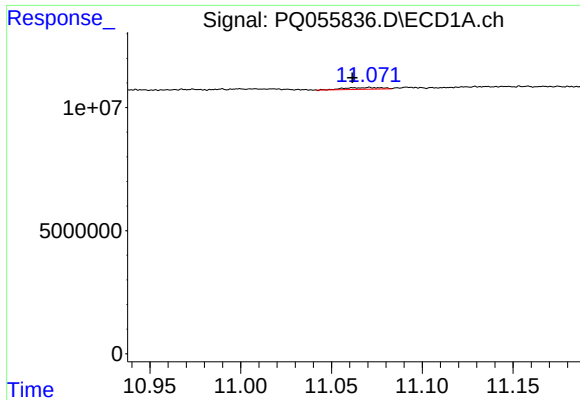
#44 AR-1268-4

R.T.: 10.619 min
Delta R.T.: 0.003 min
Response: 5006329
Conc: 6.72 ng/ml



#44 AR-1268-4

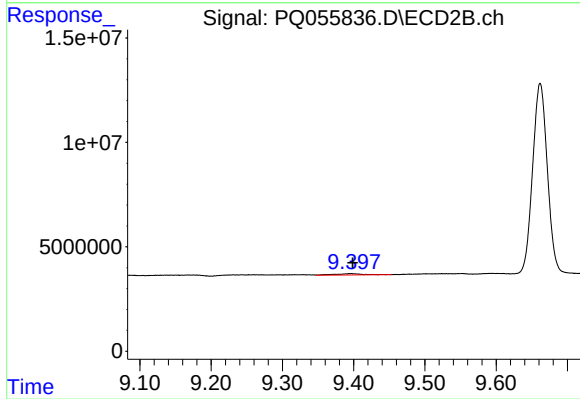
R.T.: 9.087 min
Delta R.T.: -0.008 min
Response: 161808
Conc: 0.37 ng/ml



#45 AR-1268-5

R.T.: 11.071 min
Delta R.T.: 0.010 min
Response: 1041792
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.396 min
Delta R.T.: -0.002 min
Response: 1761683
Conc: 0.53 ng/ml