

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062822\
 Data File : PQ058387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2022 10:10
 Operator : YP\AJ
 Sample : N3425-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 22:26:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 23 10:51:17 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.690	4.048	227.5E6	184.9E6	14.842	14.638
2)	SA Decachlor...	10.616	9.191	422.0E6	261.7E6	30.549	30.280
Target Compounds							
3)	L1 AR-1016-1	5.875	5.178	330544	459671	0.871	1.172 #
4)	L1 AR-1016-2	5.900	5.178	274308	459671	0.421	0.822 #
5)	L1 AR-1016-3	5.900f	5.395	274308	1145830	0.697	4.055 #
6)	L1 AR-1016-4	6.065	5.413	130447	308180	0.383	1.361 #
8)	L2 AR-1221-1	4.947f	4.296	99094	1492604	0.610	10.923 #
9)	L2 AR-1221-2	5.004	4.357	3289180	10009897	28.173	105.705 #
10)	L2 AR-1221-3	5.087	4.428	416375	6965928	1.093	21.464 #
11)	L3 AR-1232-1	5.087	4.428	416375	6965928	1.365	26.255 #
12)	L3 AR-1232-2	5.606	5.178	2326533	459671	15.350	1.842 #
13)	L3 AR-1232-3	5.900	5.395	274308	1145830	0.929	9.311 #
14)	L3 AR-1232-4	6.065	5.474	130447	351459	0.869	3.187 #
15)	L3 AR-1232-5	6.112	0.000	439418	0	4.833	N.D. #
16)	L4 AR-1242-1	5.875	5.178	330544	459671	1.004	1.354 #
17)	L4 AR-1242-2	5.900	5.178	274308	459671	0.488	0.949 #
18)	L4 AR-1242-3	5.900f	5.395	274308	1145830	0.801	4.668 #
19)	L4 AR-1242-4	6.065	5.426	130447	325809	0.435	1.357 #
20)	L4 AR-1242-5	6.738f	5.991	713856	2641528	2.477	8.803 #
21)	L5 AR-1248-1	5.875	5.178	330544	459671	1.377	1.851 #
22)	L5 AR-1248-2	6.112	5.413	439418	308180	1.369	0.919 #
23)	L5 AR-1248-3	0.000	5.426	0	325809	N.D.	0.930 #
24)	L5 AR-1248-4	6.738	0.000	713856	0	1.566	N.D. #
25)	L5 AR-1248-5	6.738f	5.991	713856	2641528	1.511	6.339 #
26)	L6 AR-1254-1	6.729	5.991	237926	2641528	0.489	3.881 #
27)	L6 AR-1254-2	7.009f	6.095	138762	1861907	0.182	3.173 #
28)	L6 AR-1254-3	7.341	6.523	274603	697261	0.306	0.756 #
29)	L6 AR-1254-4	7.546f	0.000	111243	0	0.182	N.D. #
30)	L6 AR-1254-5	0.000	7.177	0	529366	N.D.	0.717 #
31)	L7 AR-1260-1	7.527f	0.000	608147	0	1.354	N.D. #
32)	L7 AR-1260-2	0.000	6.830	0	1572242	N.D.	2.714 #
33)	L7 AR-1260-3	0.000	7.041	0	976883	N.D.	1.814 #
34)	L7 AR-1260-4	8.278f	7.534f	462783	1367482	0.884	3.109 #
35)	L7 AR-1260-5	0.000	7.668f	0	463820	N.D.	0.439 #
36)	L8 AR-1262-1	0.000	7.177	0	529366	N.D.	1.644 #
37)	L8 AR-1262-2	0.000	7.668f	0	463820	N.D.	0.395 #
38)	L8 AR-1262-3	0.000	7.994	0	1457260	N.D.	3.308 #
39)	L8 AR-1262-4	0.000	8.046	0	947249	N.D.	1.133 #
41)	L9 AR-1268-1	0.000	7.994	0	1457260	N.D.	0.892 #
42)	L9 AR-1268-2	0.000	8.046	0	947249	N.D.	0.631 #
43)	L9 AR-1268-3	9.348	8.273	1096034	301468	0.528	0.239 #

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 QLast Update : Thu Jun 23 10:51:17 2022
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.260	8.904	2968579	1591262	0.434	0.387

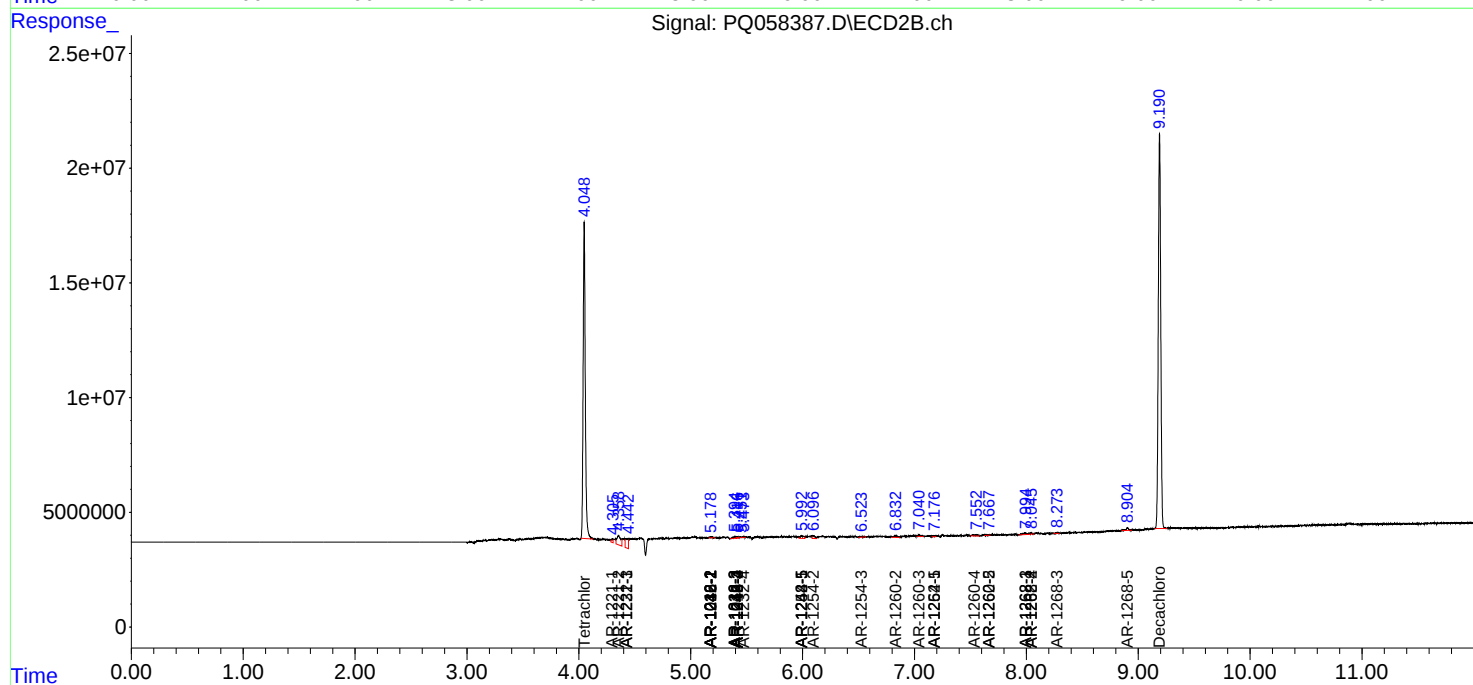
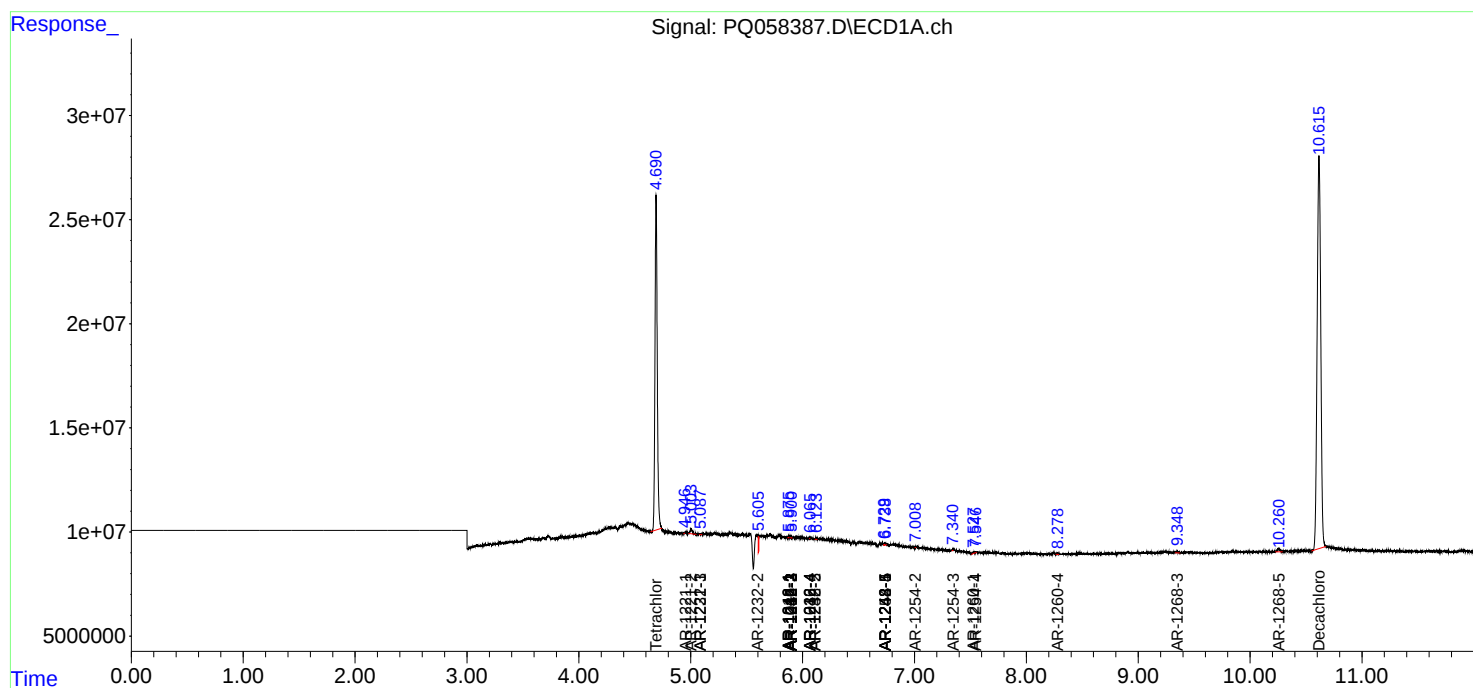
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

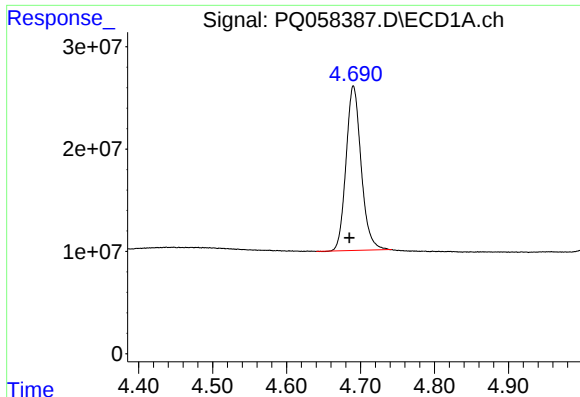
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

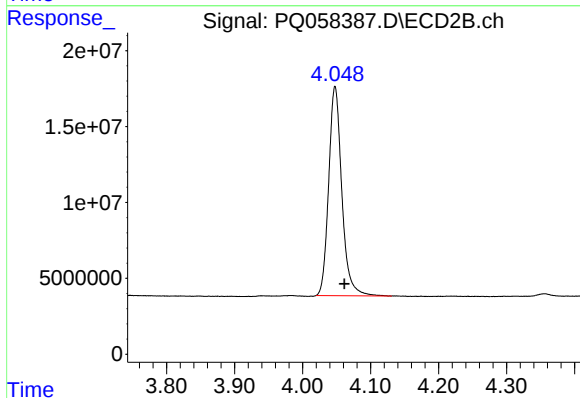




#1 Tetrachloro-m-xylene

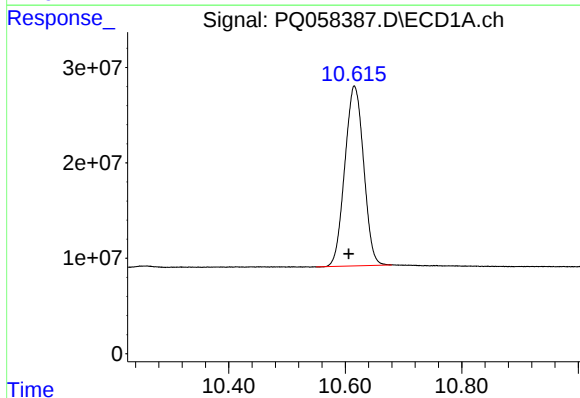
R.T.: 4.690 min
Delta R.T.: 0.005 min
Response: 227533194
Conc: 14.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



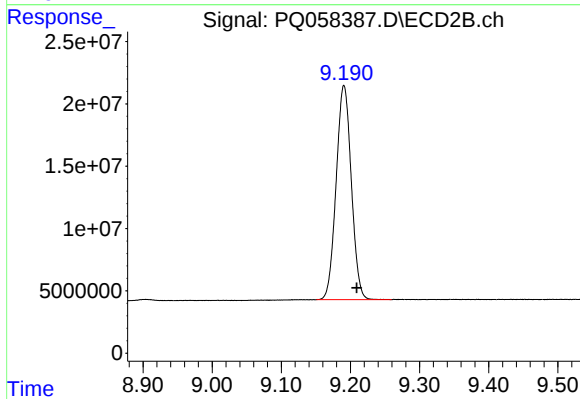
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: -0.014 min
Response: 184946648
Conc: 14.64 ng/ml



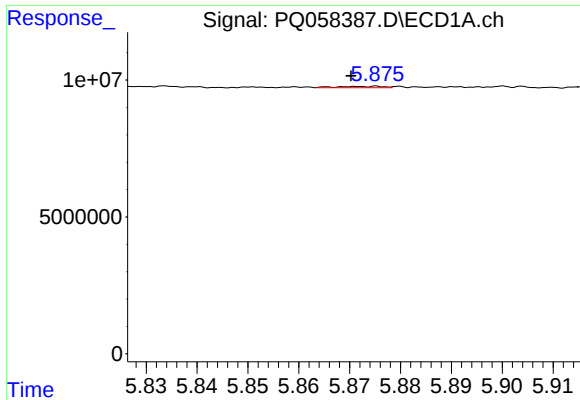
#2 Decachlorobiphenyl

R.T.: 10.616 min
Delta R.T.: 0.010 min
Response: 422026767
Conc: 30.55 ng/ml



#2 Decachlorobiphenyl

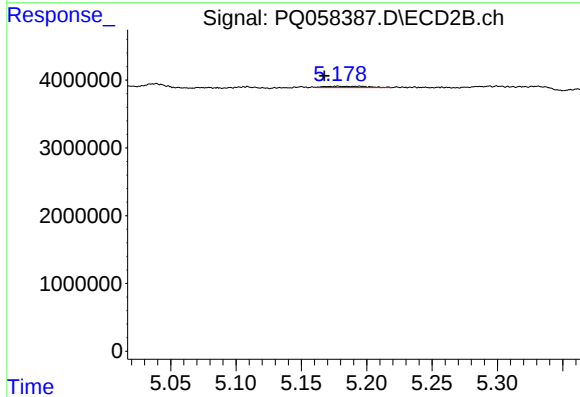
R.T.: 9.191 min
Delta R.T.: -0.019 min
Response: 261740870
Conc: 30.28 ng/ml



#3 AR-1016-1

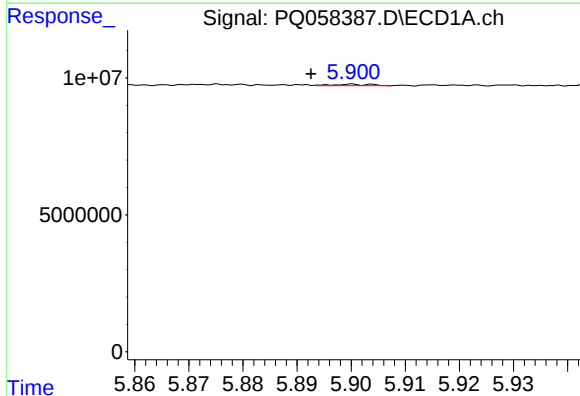
R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 330544
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



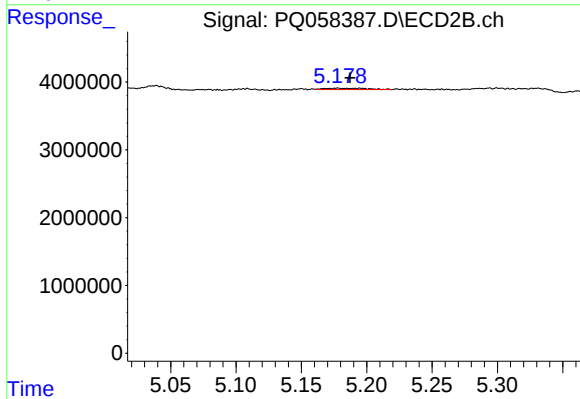
#3 AR-1016-1

R.T.: 5.178 min
Delta R.T.: 0.010 min
Response: 459671
Conc: 1.17 ng/ml



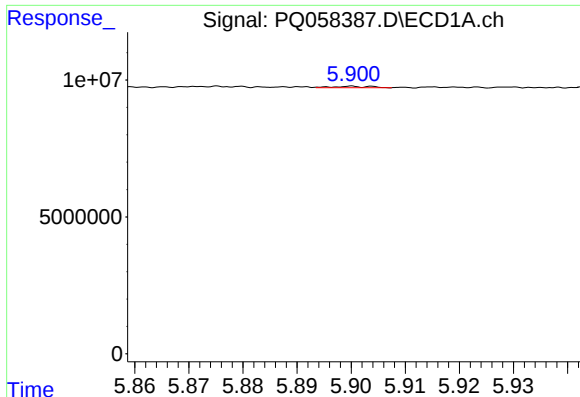
#4 AR-1016-2

R.T.: 5.900 min
Delta R.T.: 0.008 min
Response: 274308
Conc: 0.42 ng/ml



#4 AR-1016-2

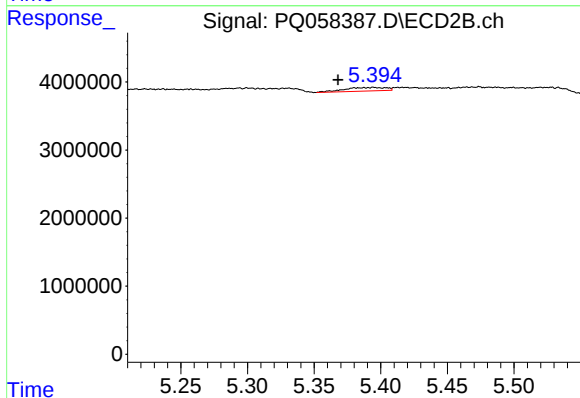
R.T.: 5.178 min
Delta R.T.: -0.010 min
Response: 459671
Conc: 0.82 ng/ml



#5 AR-1016-3

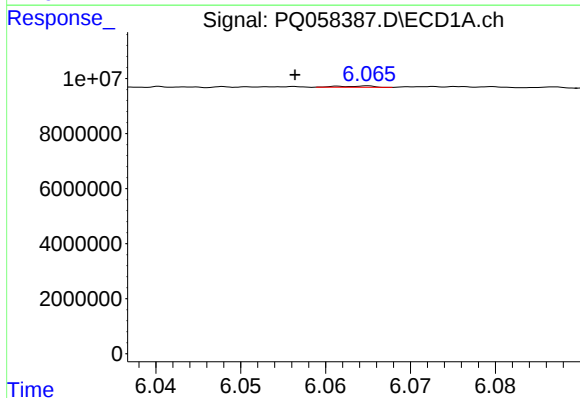
R.T.: 5.900 min
Delta R.T.: -0.055 min
Response: 274308
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



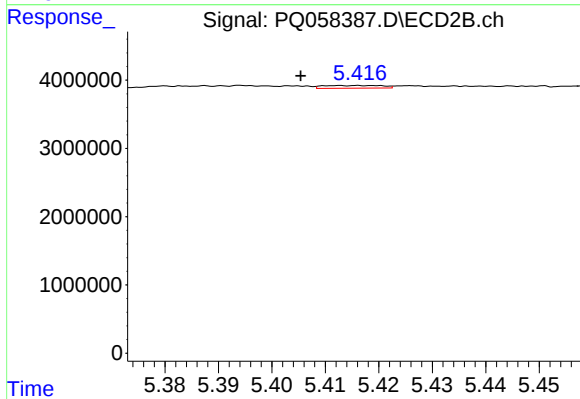
#5 AR-1016-3

R.T.: 5.395 min
Delta R.T.: 0.026 min
Response: 1145830
Conc: 4.06 ng/ml



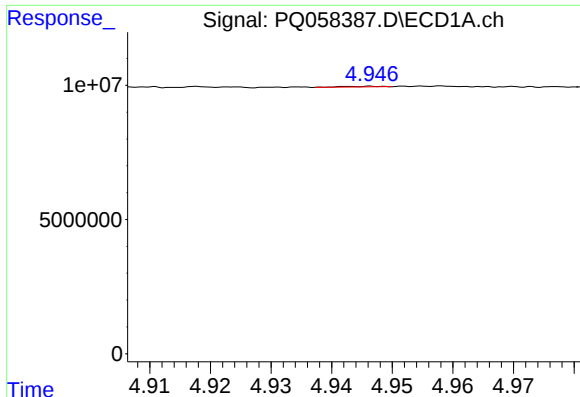
#6 AR-1016-4

R.T.: 6.065 min
Delta R.T.: 0.009 min
Response: 130447
Conc: 0.38 ng/ml



#6 AR-1016-4

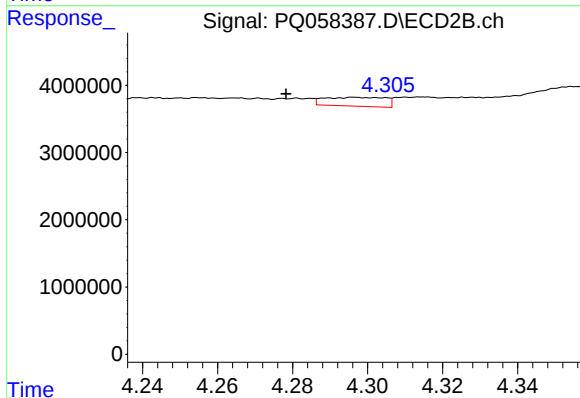
R.T.: 5.413 min
Delta R.T.: 0.008 min
Response: 308180
Conc: 1.36 ng/ml



#8 AR-1221-1

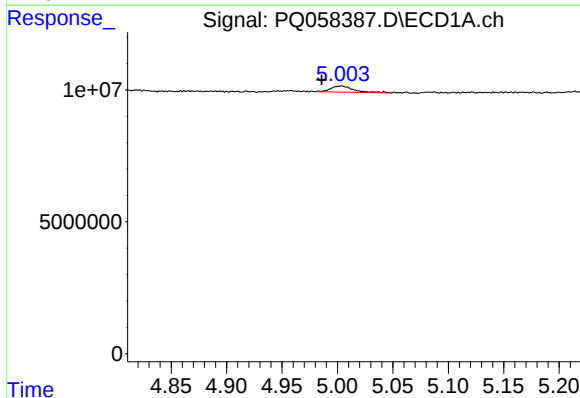
R.T.: 4.947 min
Delta R.T.: 0.050 min
Response: 99094
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



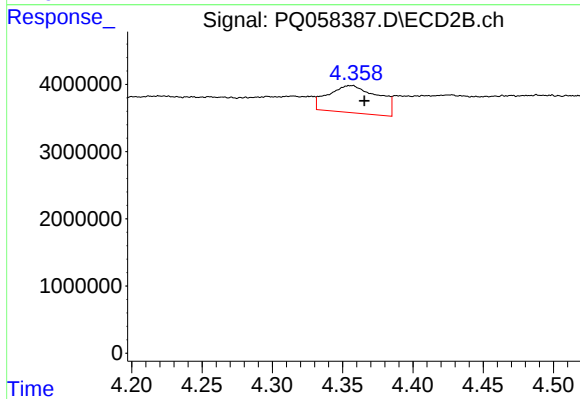
#8 AR-1221-1

R.T.: 4.296 min
Delta R.T.: 0.018 min
Response: 1492604
Conc: 10.92 ng/ml



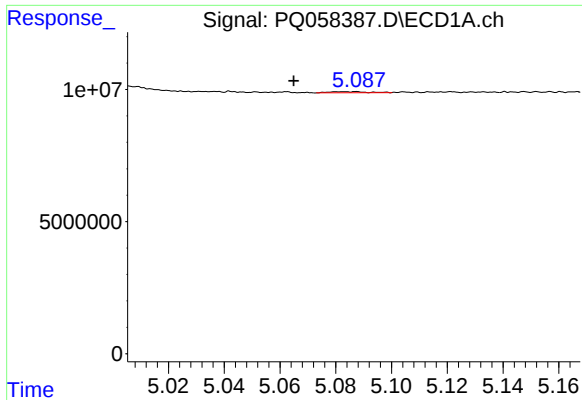
#9 AR-1221-2

R.T.: 5.004 min
Delta R.T.: 0.018 min
Response: 3289180
Conc: 28.17 ng/ml



#9 AR-1221-2

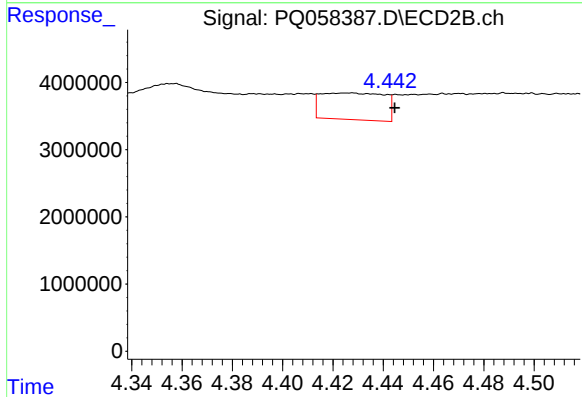
R.T.: 4.357 min
Delta R.T.: -0.008 min
Response: 10009897
Conc: 105.70 ng/ml



#10 AR-1221-3

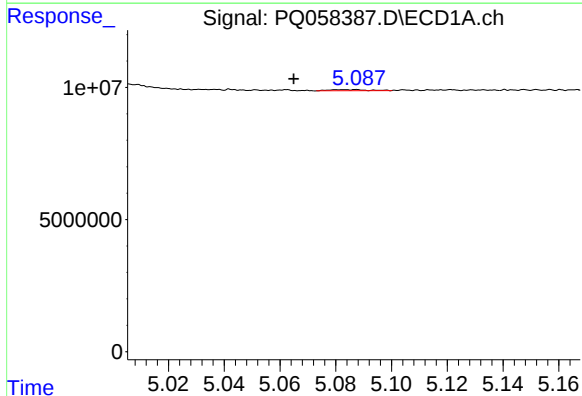
R.T.: 5.087 min
Delta R.T.: 0.022 min
Response: 416375
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



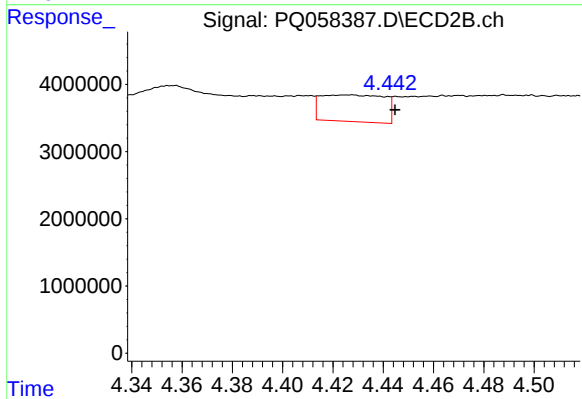
#10 AR-1221-3

R.T.: 4.428 min
Delta R.T.: -0.017 min
Response: 6965928
Conc: 21.46 ng/ml



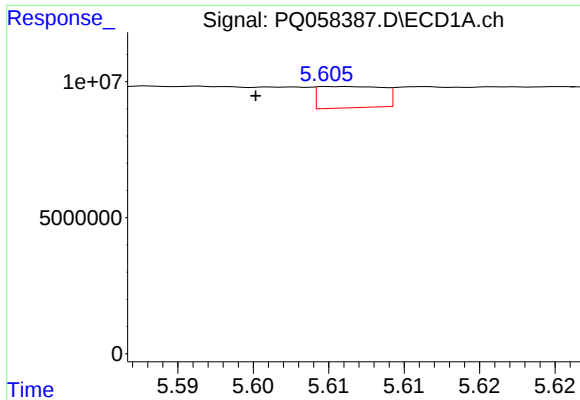
#11 AR-1232-1

R.T.: 5.087 min
Delta R.T.: 0.023 min
Response: 416375
Conc: 1.37 ng/ml



#11 AR-1232-1

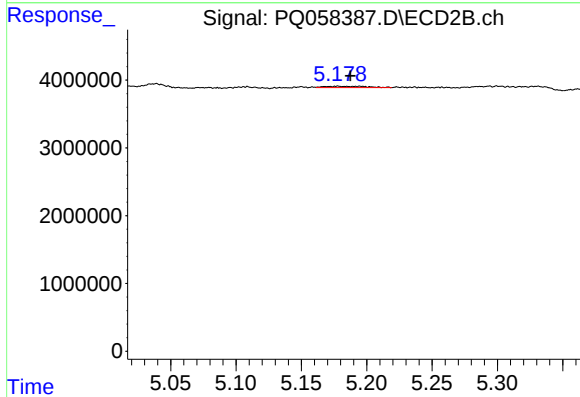
R.T.: 4.428 min
Delta R.T.: -0.017 min
Response: 6965928
Conc: 26.26 ng/ml



#12 AR-1232-2

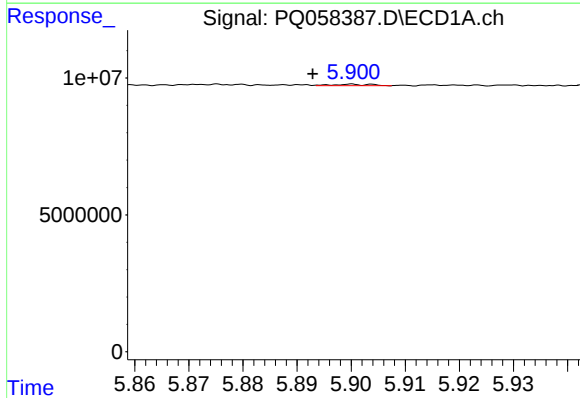
R.T.: 5.606 min
Delta R.T.: 0.006 min
Response: 2326533
Conc: 15.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



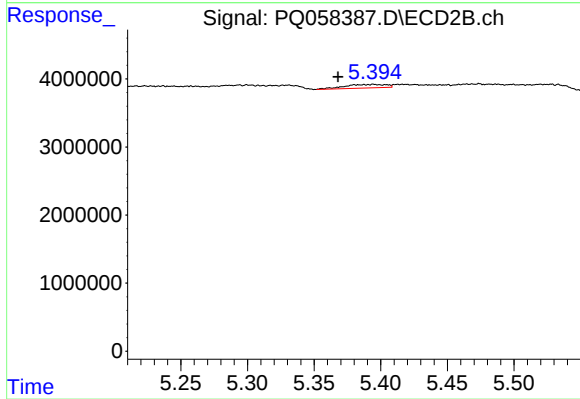
#12 AR-1232-2

R.T.: 5.178 min
Delta R.T.: -0.010 min
Response: 459671
Conc: 1.84 ng/ml



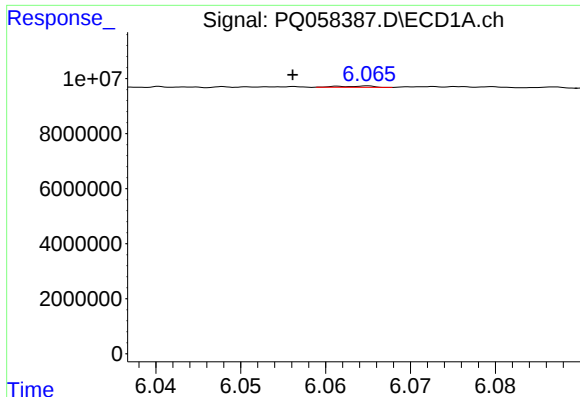
#13 AR-1232-3

R.T.: 5.900 min
Delta R.T.: 0.007 min
Response: 274308
Conc: 0.93 ng/ml



#13 AR-1232-3

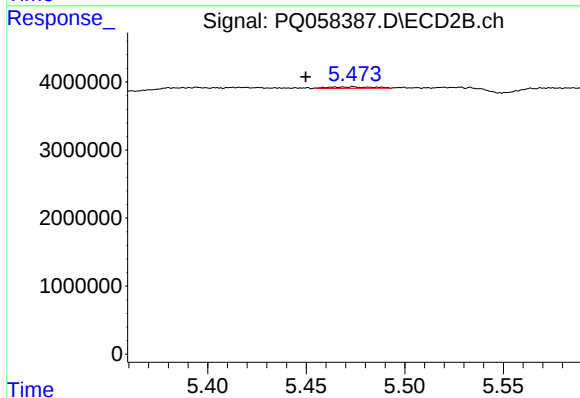
R.T.: 5.395 min
Delta R.T.: 0.026 min
Response: 1145830
Conc: 9.31 ng/ml



#14 AR-1232-4

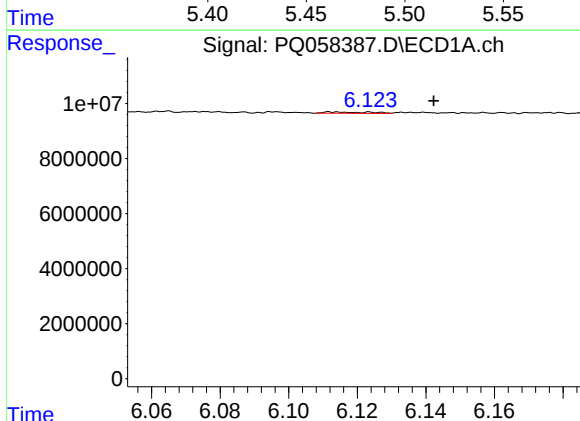
R.T.: 6.065 min
Delta R.T.: 0.009 min
Response: 130447
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



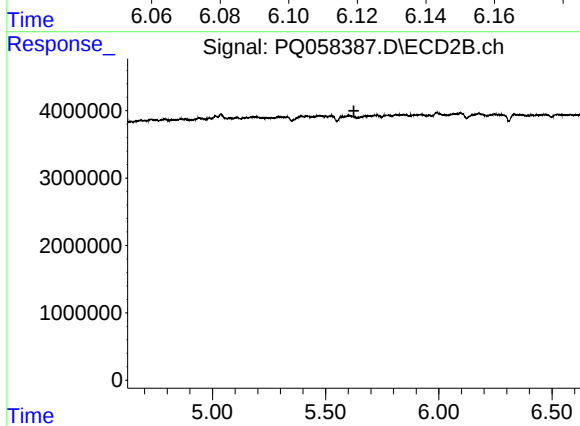
#14 AR-1232-4

R.T.: 5.474 min
Delta R.T.: 0.024 min
Response: 351459
Conc: 3.19 ng/ml



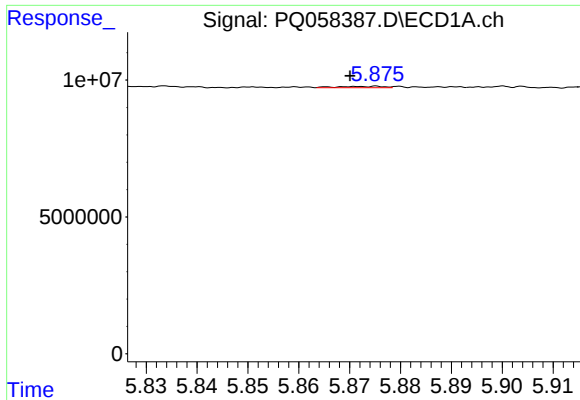
#15 AR-1232-5

R.T.: 6.112 min
Delta R.T.: -0.031 min
Response: 439418
Conc: 4.83 ng/ml



#15 AR-1232-5

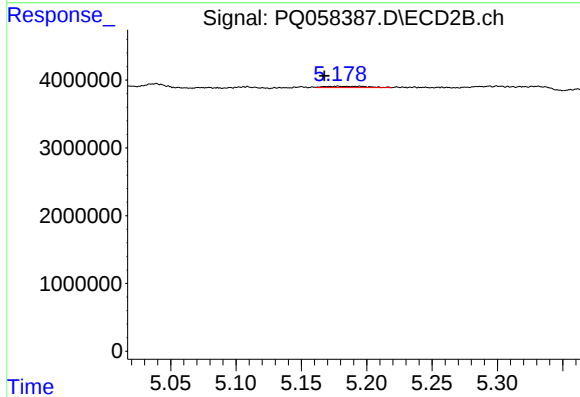
R.T.: 0.000 min
Exp R.T.: 5.625 min
Response: 0
Conc: N.D.



#16 AR-1242-1

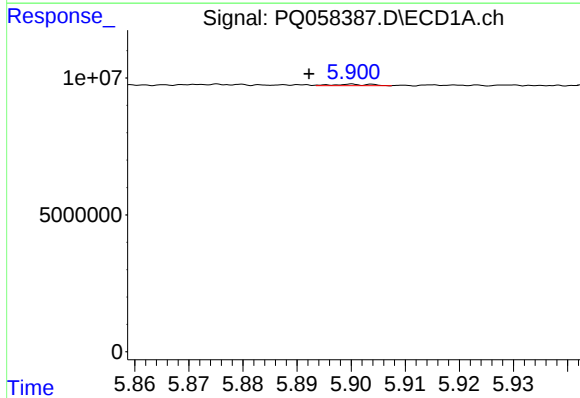
R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 330544
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



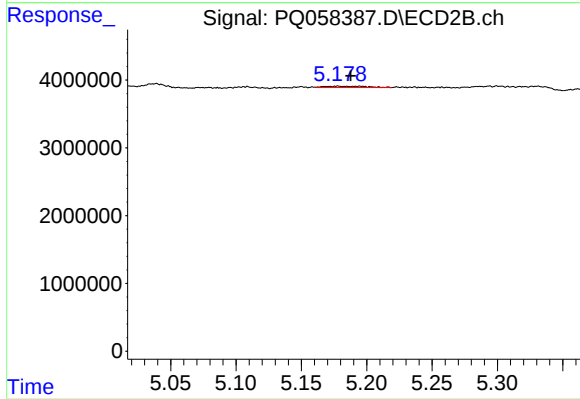
#16 AR-1242-1

R.T.: 5.178 min
Delta R.T.: 0.010 min
Response: 459671
Conc: 1.35 ng/ml



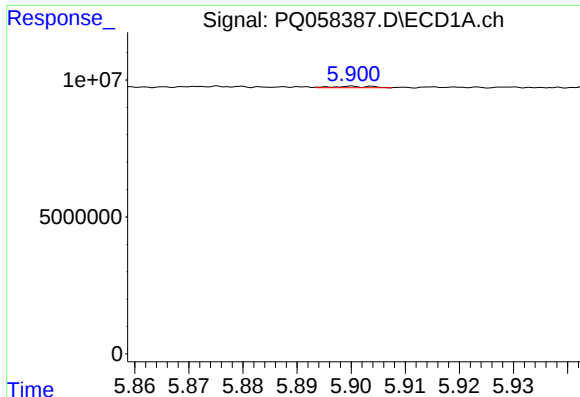
#17 AR-1242-2

R.T.: 5.900 min
Delta R.T.: 0.008 min
Response: 274308
Conc: 0.49 ng/ml



#17 AR-1242-2

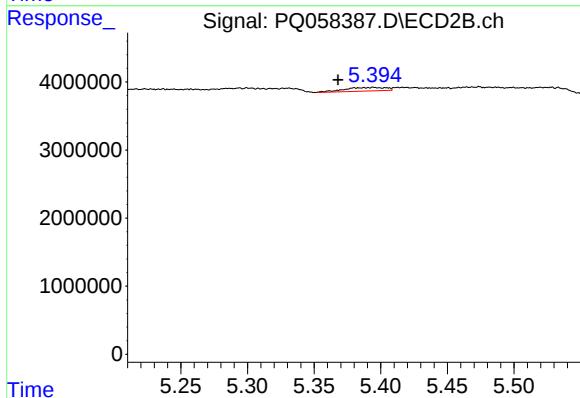
R.T.: 5.178 min
Delta R.T.: -0.010 min
Response: 459671
Conc: 0.95 ng/ml



#18 AR-1242-3

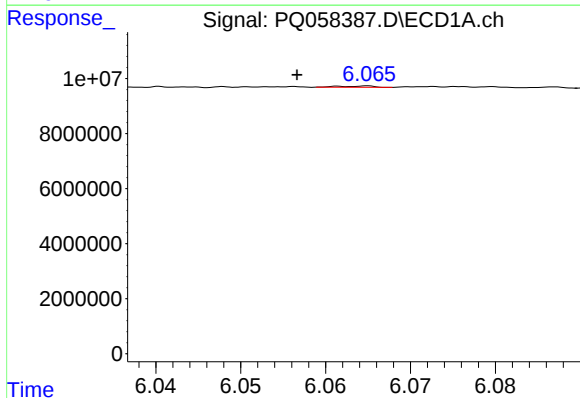
R.T.: 5.900 min
Delta R.T.: -0.054 min
Response: 274308
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



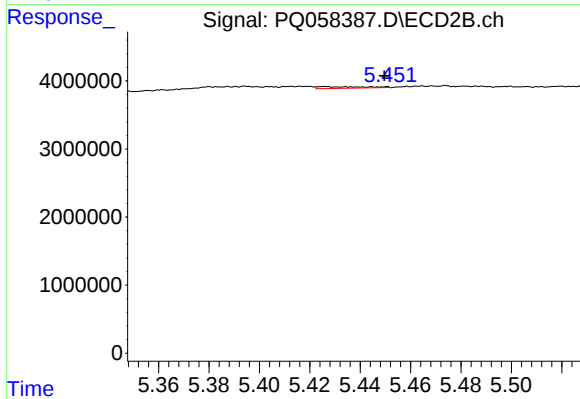
#18 AR-1242-3

R.T.: 5.395 min
Delta R.T.: 0.027 min
Response: 1145830
Conc: 4.67 ng/ml



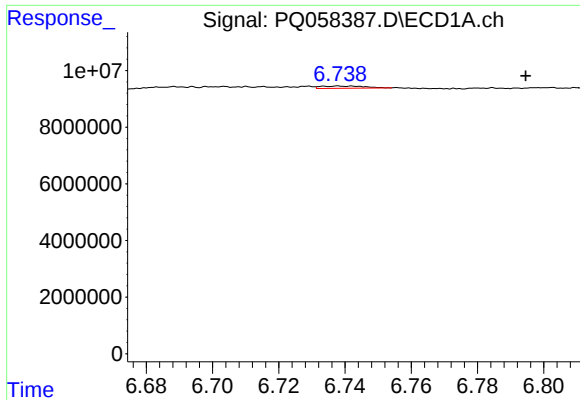
#19 AR-1242-4

R.T.: 6.065 min
Delta R.T.: 0.008 min
Response: 130447
Conc: 0.43 ng/ml



#19 AR-1242-4

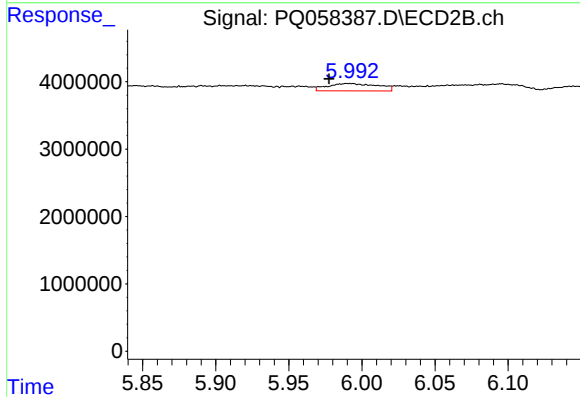
R.T.: 5.426 min
Delta R.T.: -0.024 min
Response: 325809
Conc: 1.36 ng/ml



#20 AR-1242-5

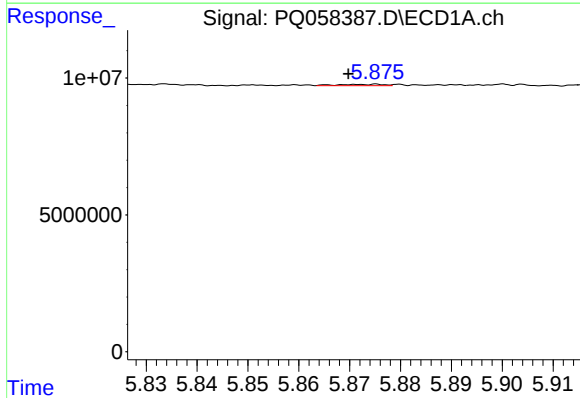
R.T.: 6.738 min
Delta R.T.: -0.057 min
Response: 713856
Conc: 2.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



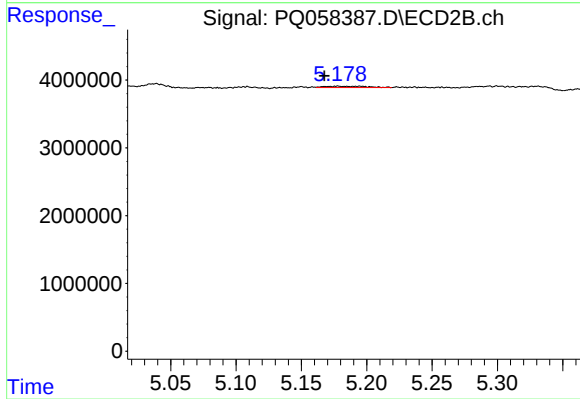
#20 AR-1242-5

R.T.: 5.991 min
Delta R.T.: 0.014 min
Response: 2641528
Conc: 8.80 ng/ml



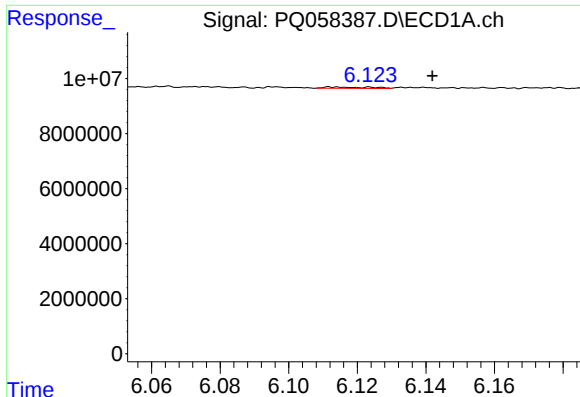
#21 AR-1248-1

R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 330544
Conc: 1.38 ng/ml



#21 AR-1248-1

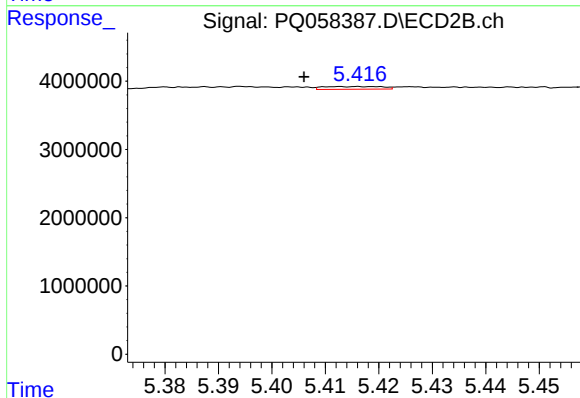
R.T.: 5.178 min
Delta R.T.: 0.010 min
Response: 459671
Conc: 1.85 ng/ml



#22 AR-1248-2

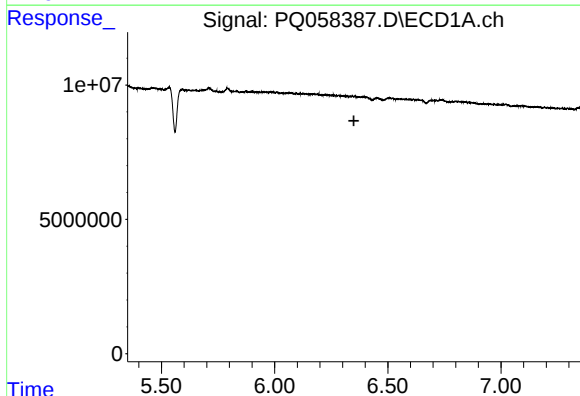
R.T.: 6.112 min
Delta R.T.: -0.030 min
Response: 439418
Conc: 1.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



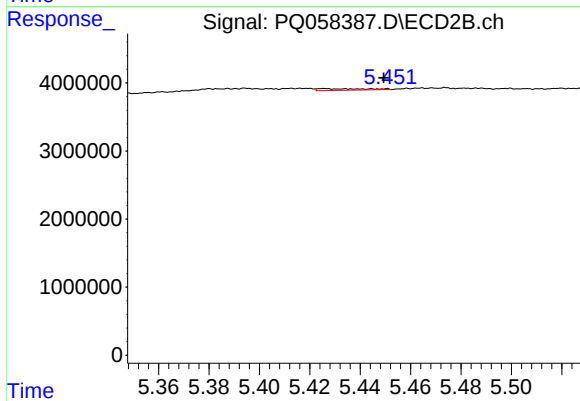
#22 AR-1248-2

R.T.: 5.413 min
Delta R.T.: 0.007 min
Response: 308180
Conc: 0.92 ng/ml



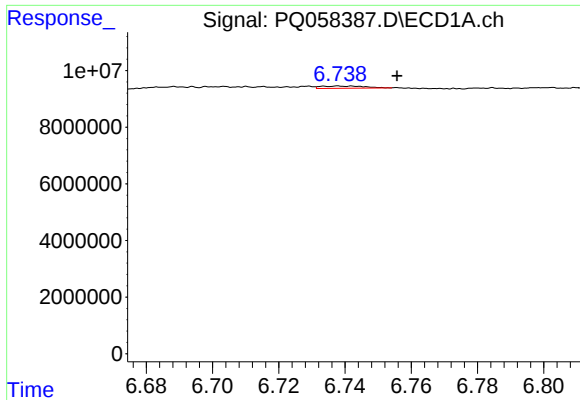
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.350 min
Response: 0
Conc: N.D.



#23 AR-1248-3

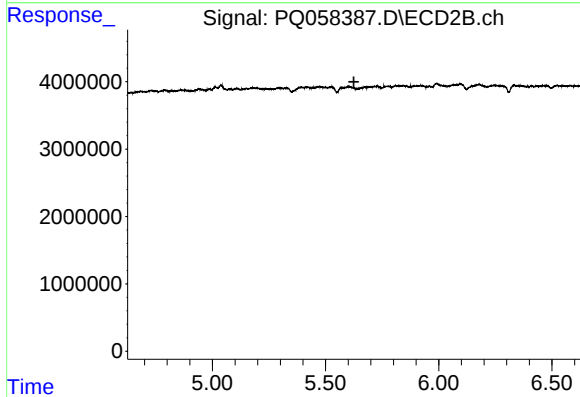
R.T.: 5.426 min
Delta R.T.: -0.024 min
Response: 325809
Conc: 0.93 ng/ml



#24 AR-1248-4

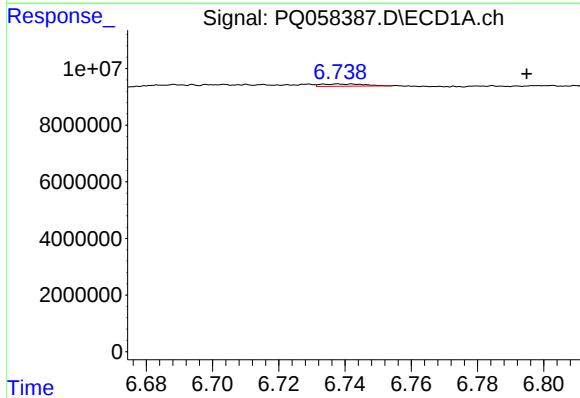
R.T.: 6.738 min
Delta R.T.: -0.018 min
Response: 713856
Conc: 1.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



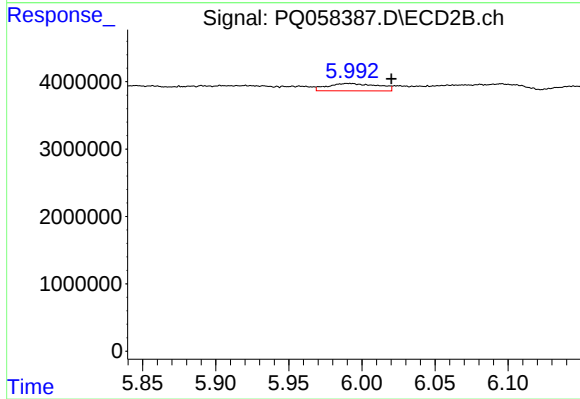
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.625 min
Response: 0
Conc: N.D.



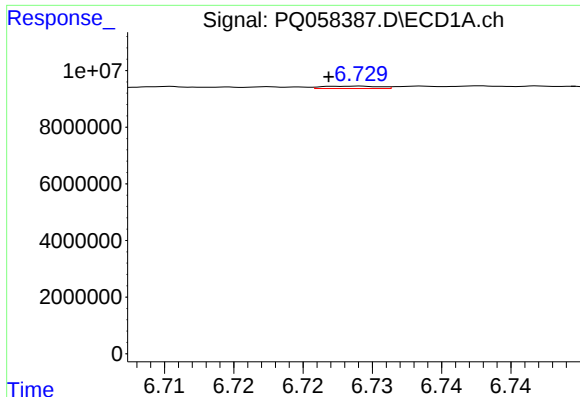
#25 AR-1248-5

R.T.: 6.738 min
Delta R.T.: -0.057 min
Response: 713856
Conc: 1.51 ng/ml



#25 AR-1248-5

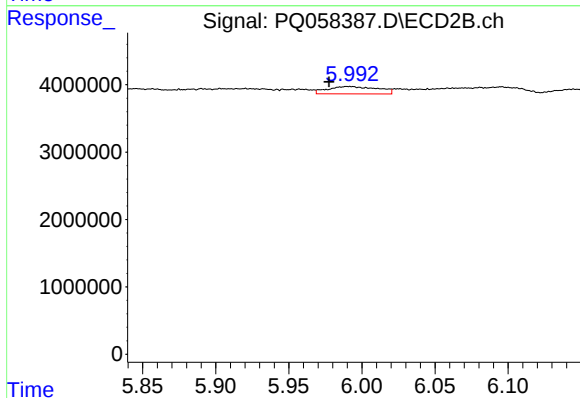
R.T.: 5.991 min
Delta R.T.: -0.029 min
Response: 2641528
Conc: 6.34 ng/ml



#26 AR-1254-1

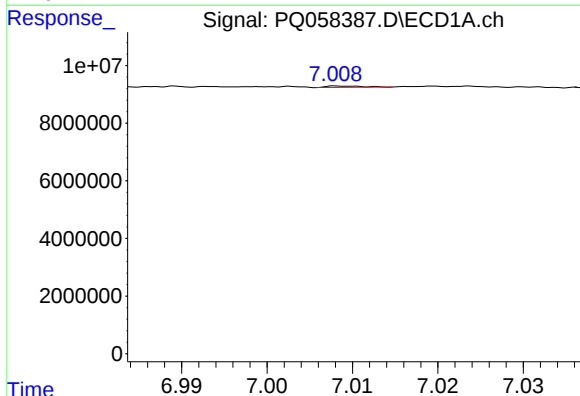
R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 237926
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



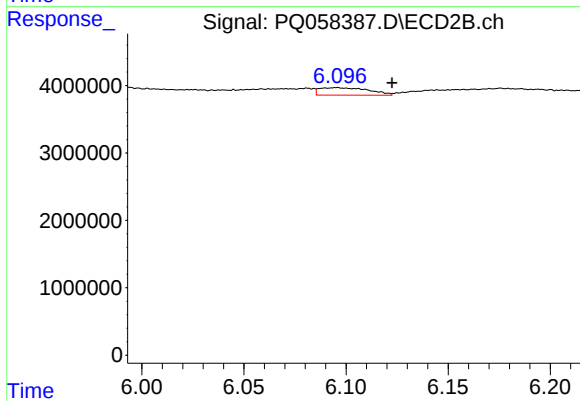
#26 AR-1254-1

R.T.: 5.991 min
Delta R.T.: 0.014 min
Response: 2641528
Conc: 3.88 ng/ml



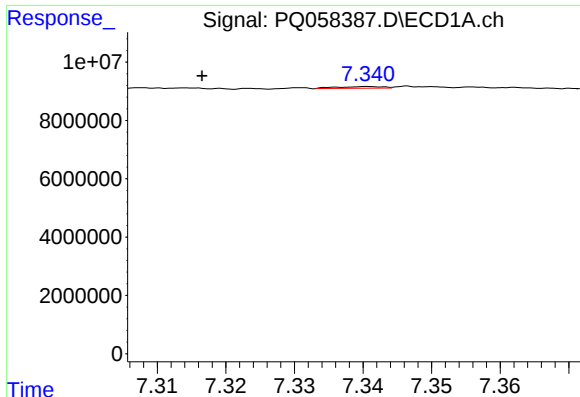
#27 AR-1254-2

R.T.: 7.009 min
Delta R.T.: 0.064 min
Response: 138762
Conc: 0.18 ng/ml



#27 AR-1254-2

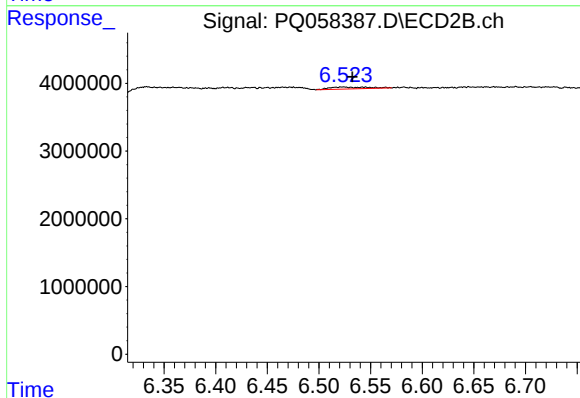
R.T.: 6.095 min
Delta R.T.: -0.027 min
Response: 1861907
Conc: 3.17 ng/ml



#28 AR-1254-3

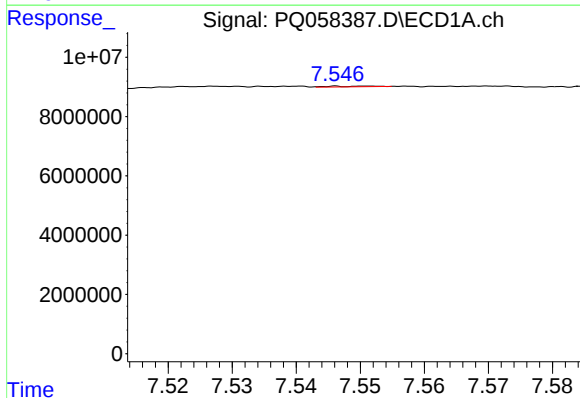
R.T.: 7.341 min
Delta R.T.: 0.024 min
Response: 274603
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



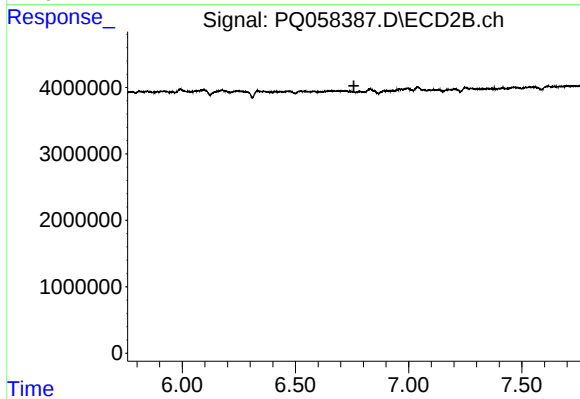
#28 AR-1254-3

R.T.: 6.523 min
Delta R.T.: -0.009 min
Response: 697261
Conc: 0.76 ng/ml



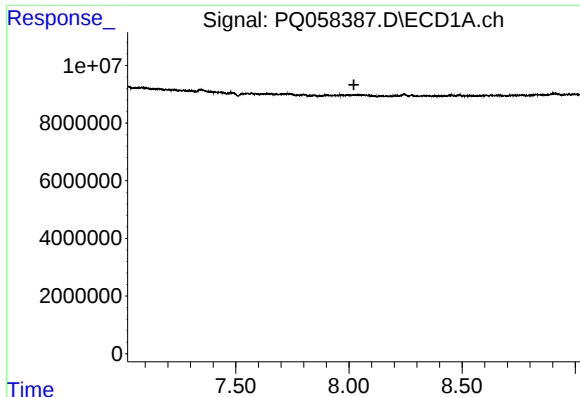
#29 AR-1254-4

R.T.: 7.546 min
Delta R.T.: -0.056 min
Response: 111243
Conc: 0.18 ng/ml



#29 AR-1254-4

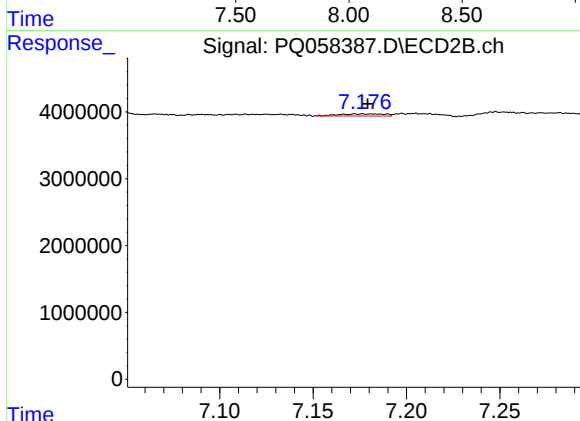
R.T.: 0.000 min
Exp R.T.: 6.758 min
Response: 0
Conc: N.D.



#30 AR-1254-5

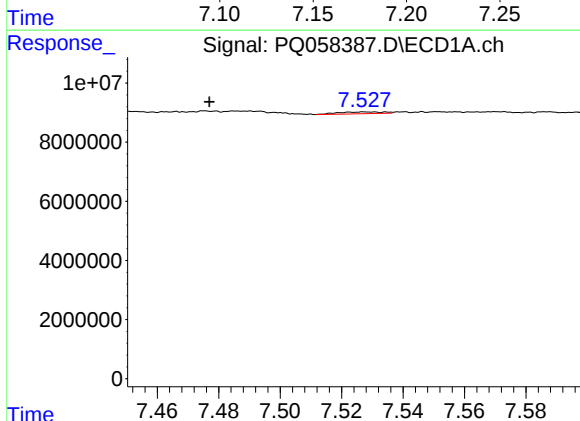
R.T.: 0.000 min
Exp R.T.: 8.022 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



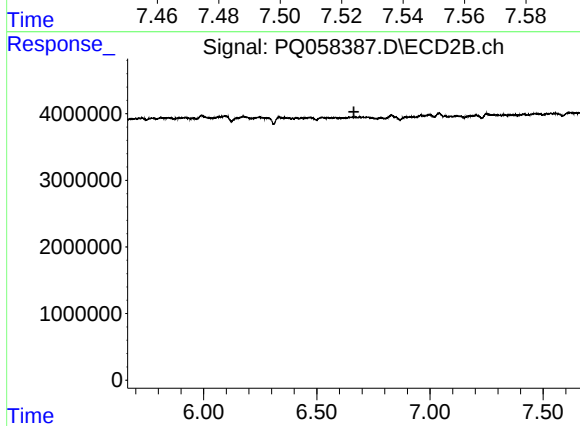
#30 AR-1254-5

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 529366
Conc: 0.72 ng/ml



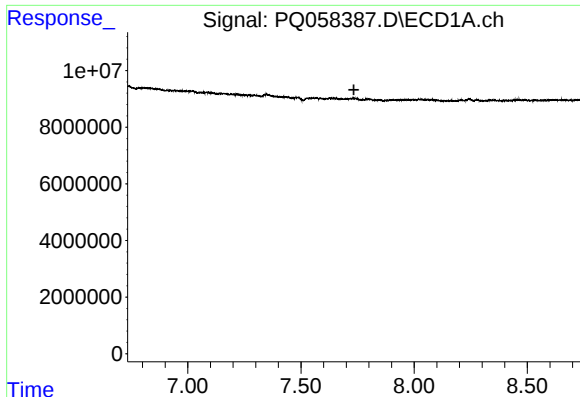
#31 AR-1260-1

R.T.: 7.527 min
Delta R.T.: 0.050 min
Response: 608147
Conc: 1.35 ng/ml



#31 AR-1260-1

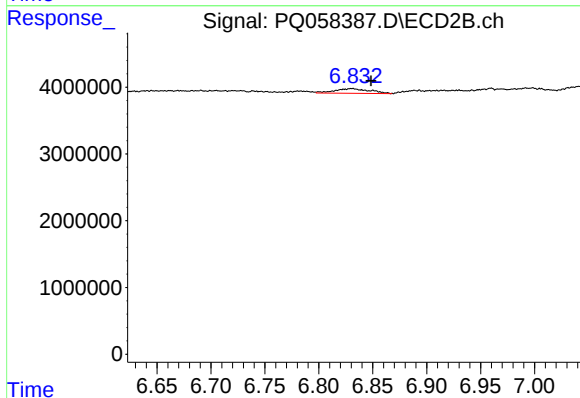
R.T.: 0.000 min
Exp R.T.: 6.664 min
Response: 0
Conc: N.D.



#32 AR-1260-2

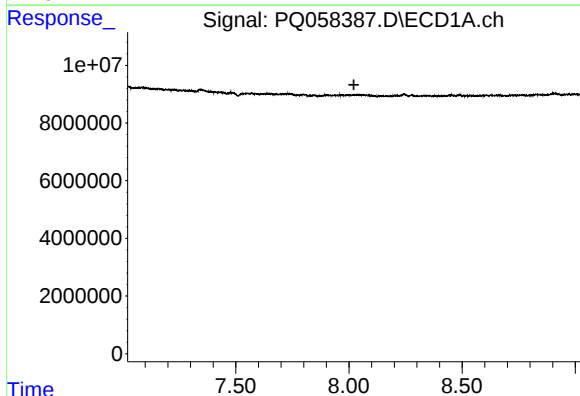
R.T.: 0.000 min
Exp R.T.: 7.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



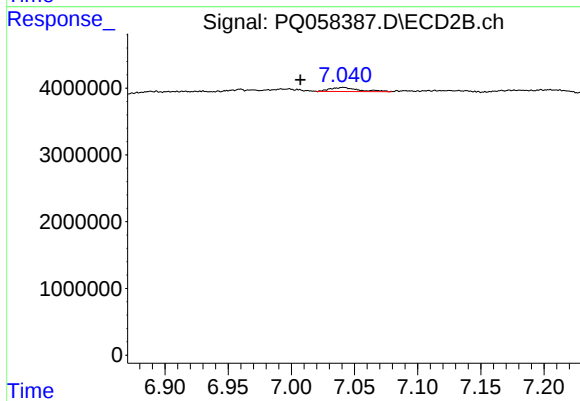
#32 AR-1260-2

R.T.: 6.830 min
Delta R.T.: -0.018 min
Response: 1572242
Conc: 2.71 ng/ml



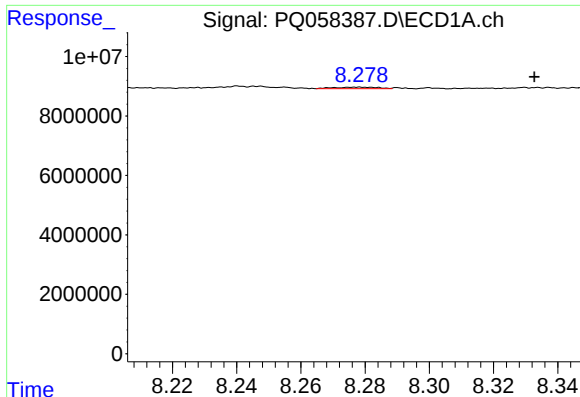
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 8.022 min
Response: 0
Conc: N.D.



#33 AR-1260-3

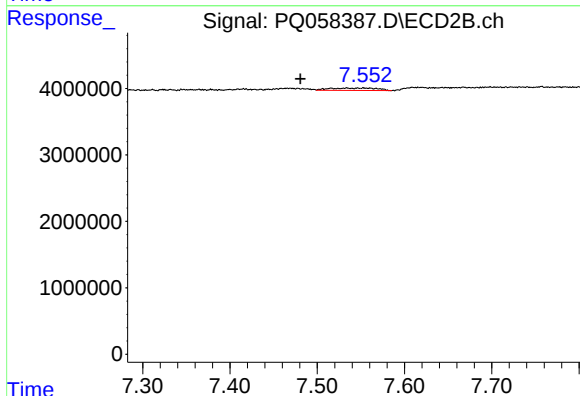
R.T.: 7.041 min
Delta R.T.: 0.033 min
Response: 976883
Conc: 1.81 ng/ml



#34 AR-1260-4

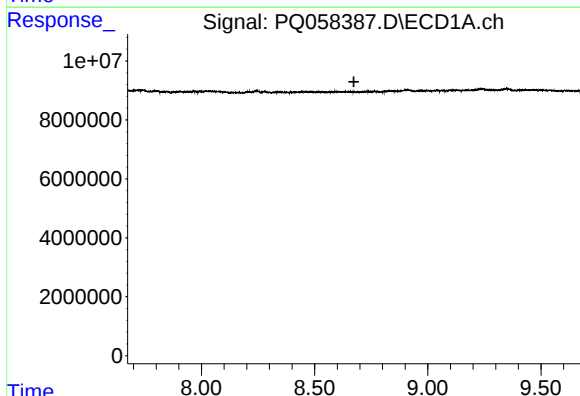
R.T.: 8.278 min
Delta R.T.: -0.054 min
Response: 462783
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



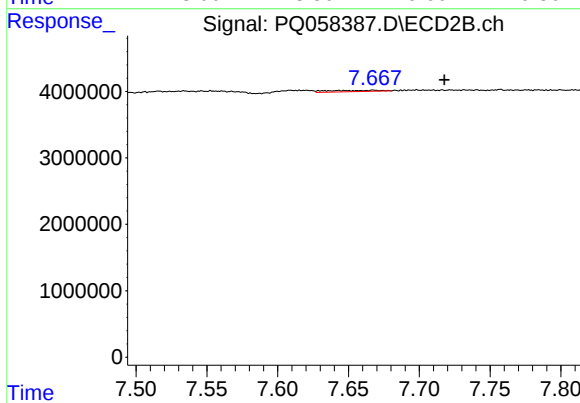
#34 AR-1260-4

R.T.: 7.534 min
Delta R.T.: 0.053 min
Response: 1367482
Conc: 3.11 ng/ml



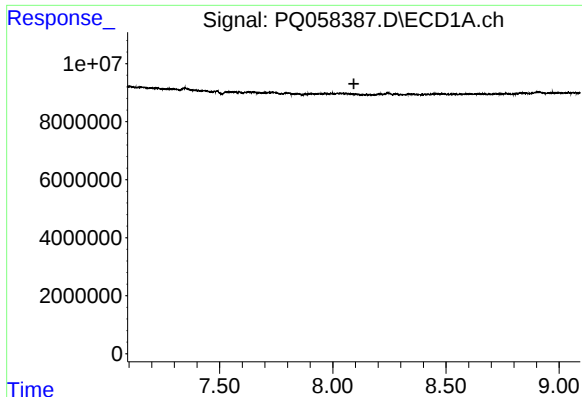
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.673 min
Response: 0
Conc: N.D.



#35 AR-1260-5

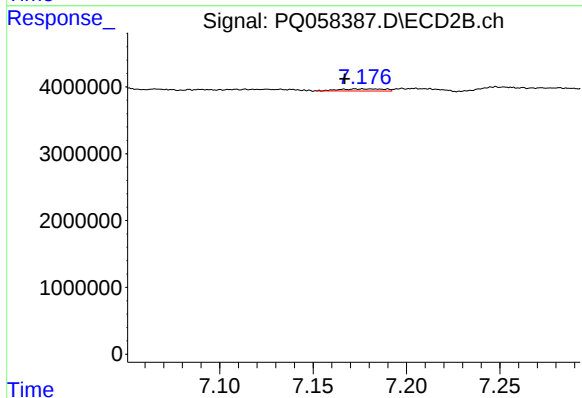
R.T.: 7.668 min
Delta R.T.: -0.050 min
Response: 463820
Conc: 0.44 ng/ml



#36 AR-1262-1

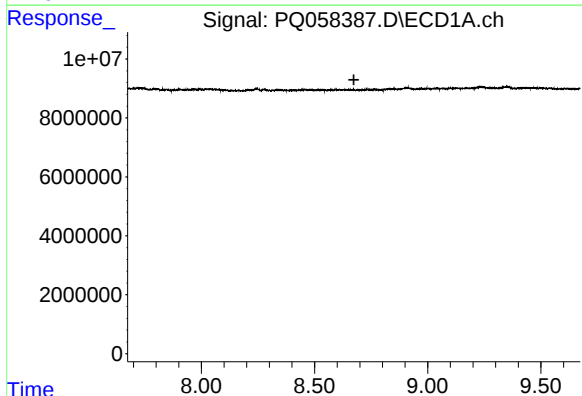
R.T.: 0.000 min
Exp R.T.: 8.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



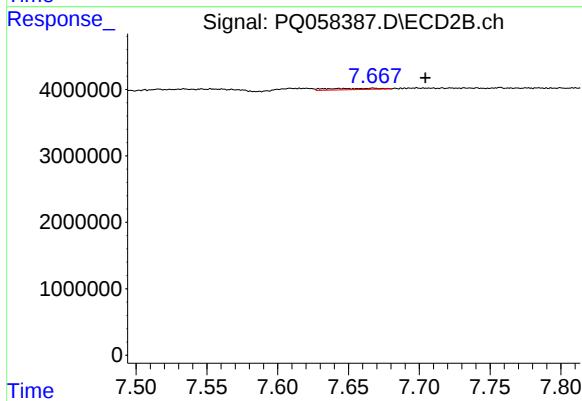
#36 AR-1262-1

R.T.: 7.177 min
Delta R.T.: 0.010 min
Response: 529366
Conc: 1.64 ng/ml



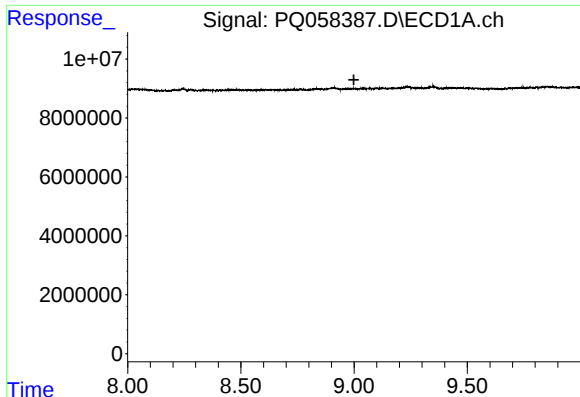
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.674 min
Response: 0
Conc: N.D.



#37 AR-1262-2

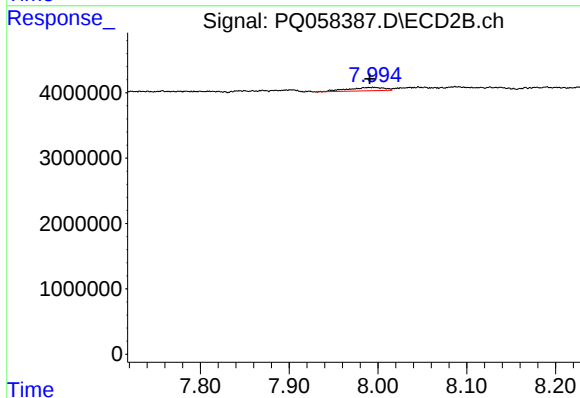
R.T.: 7.668 min
Delta R.T.: -0.037 min
Response: 463820
Conc: 0.39 ng/ml



#38 AR-1262-3

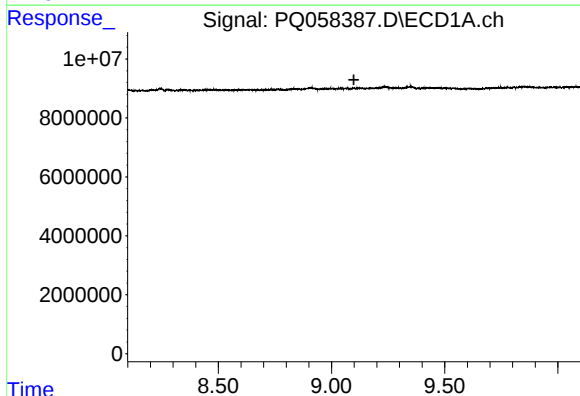
R.T.: 0.000 min
Exp R.T.: 8.999 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



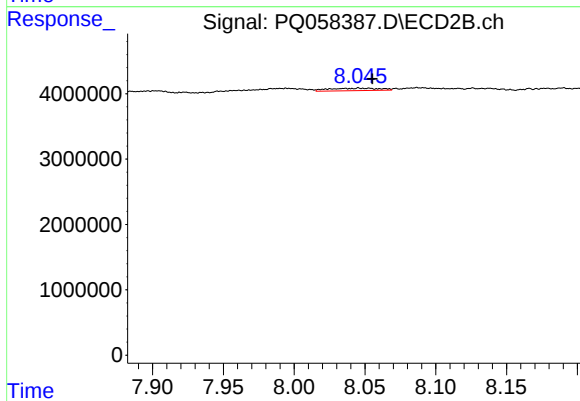
#38 AR-1262-3

R.T.: 7.994 min
Delta R.T.: 0.003 min
Response: 1457260
Conc: 3.31 ng/ml



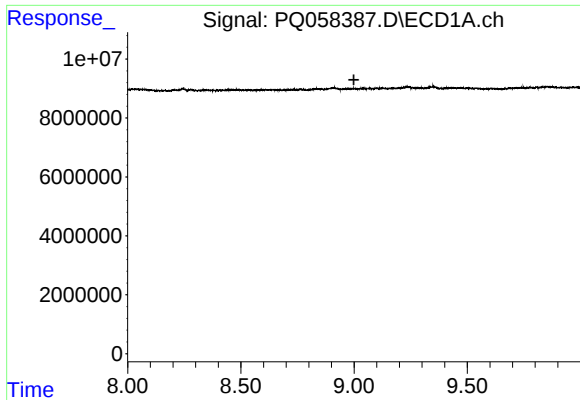
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.099 min
Response: 0
Conc: N.D.



#39 AR-1262-4

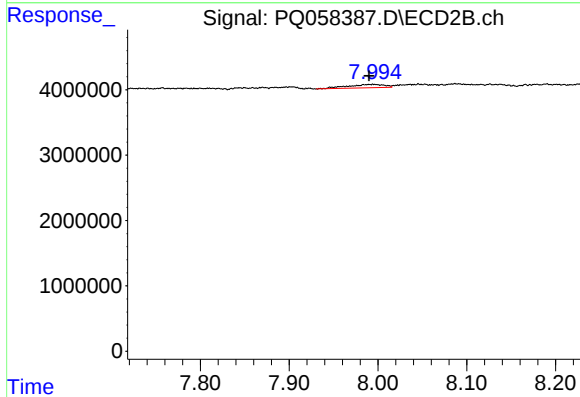
R.T.: 8.046 min
Delta R.T.: -0.009 min
Response: 947249
Conc: 1.13 ng/ml



#41 AR-1268-1

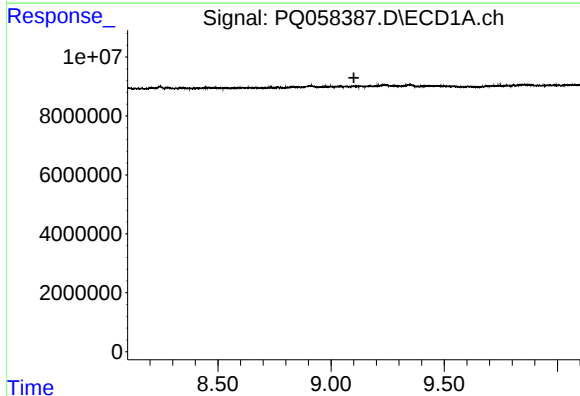
R.T.: 0.000 min
Exp R.T. : 8.999 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



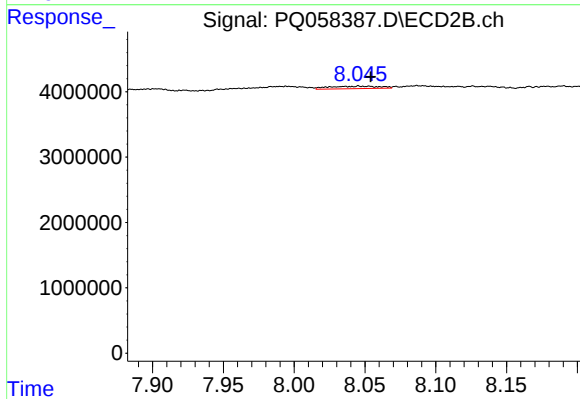
#41 AR-1268-1

R.T.: 7.994 min
Delta R.T.: 0.004 min
Response: 1457260
Conc: 0.89 ng/ml



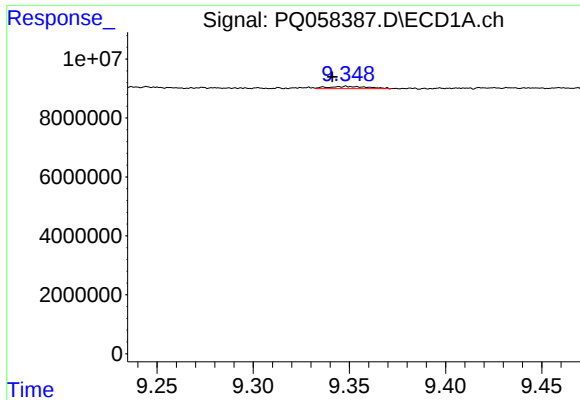
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.101 min
Response: 0
Conc: N.D.



#42 AR-1268-2

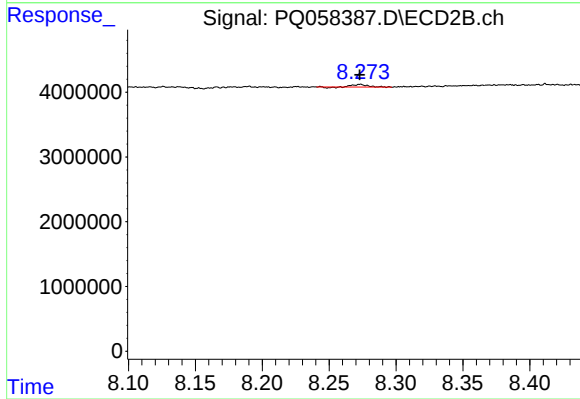
R.T.: 8.046 min
Delta R.T.: -0.008 min
Response: 947249
Conc: 0.63 ng/ml



#43 AR-1268-3

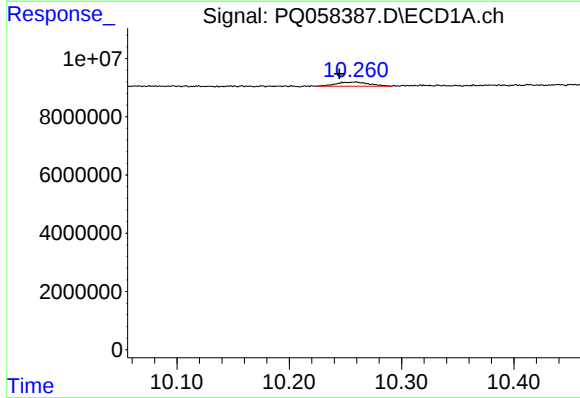
R.T.: 9.348 min
Delta R.T.: 0.007 min
Response: 1096034
Conc: 0.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



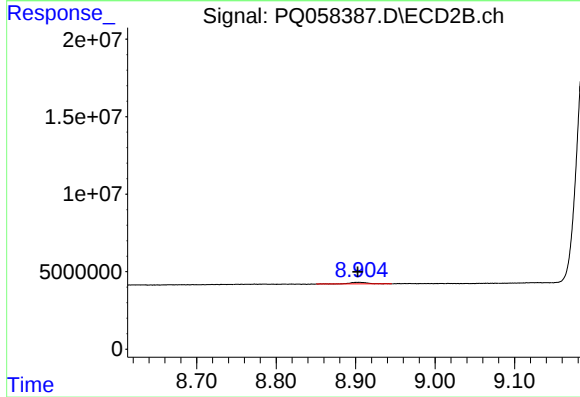
#43 AR-1268-3

R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 301468
Conc: 0.24 ng/ml



#45 AR-1268-5

R.T.: 10.260 min
Delta R.T.: 0.015 min
Response: 2968579
Conc: 0.43 ng/ml



#45 AR-1268-5

R.T.: 8.904 min
Delta R.T.: 0.000 min
Response: 1591262
Conc: 0.39 ng/ml