

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ063022\
 Data File : PQ058464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 09:43
 Operator : YP\AJ
 Sample : N3214-08
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 11:17:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 16:14:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.685	4.045	208.1E6	172.5E6	16.258	15.915
2)	SA Decachlor...	10.605	9.179	216.0E6	135.6E6	17.954	18.080
Target Compounds							
3)	L1 AR-1016-1	5.868	5.148	1296387	729339	4.021	2.089 #
4)	L1 AR-1016-2	5.895	5.168	1395796	1503954	2.479	2.997
5)	L1 AR-1016-3	5.959	5.344	1617493	733822	4.461	2.909 #
6)	L1 AR-1016-4	6.058	5.388	1032280	351291	3.389	1.761 #
7)	L1 AR-1016-5	6.345	5.608	353674	594693	1.457	2.287 #
8)	L2 AR-1221-1	4.901	4.260	5263471	4182442	46.751	44.595
9)	L2 AR-1221-2	4.990	4.350	6776042	4911367	75.736	70.408
10)	L2 AR-1221-3	5.065	4.426	12125649	9805336	44.154	43.658
11)	L3 AR-1232-1	5.065	4.426	12125649	9805336	49.245	48.468
12)	L3 AR-1232-2	5.601	5.168	881194	1503954	7.636	7.823
13)	L3 AR-1232-3	5.895	5.344	1395796	733822	6.317	7.811
14)	L3 AR-1232-4	6.058	5.427	1032280	423003	8.532	4.999 #
15)	L3 AR-1232-5	6.137	5.608	782165	594693	10.830	6.332 #
16)	L4 AR-1242-1	5.868	5.148	1296387	729339	6.117	3.218 #
17)	L4 AR-1242-2	5.895	5.168	1395796	1503954	3.834	4.721
18)	L4 AR-1242-3	5.959	5.344	1617493	733822	6.812	4.536 #
19)	L4 AR-1242-4	6.058	5.427	1032280	423003	5.223	2.655 #
20)	L4 AR-1242-5	6.789	5.986f	983272	1129795	5.753	6.038
21)	L5 AR-1248-1	5.868	5.148	1296387	729339	9.195	4.908 #
22)	L5 AR-1248-2	6.137	5.388	782165	351291	4.159	1.802 #
23)	L5 AR-1248-3	6.345	5.427	353674	423003	1.561	2.103 #
24)	L5 AR-1248-4	6.731f	5.608	1535558	594693	6.384	2.437 #
25)	L5 AR-1248-5	6.789	5.986f	983272	1129795	3.869	5.060 #
26)	L6 AR-1254-1	6.731	5.986f	1535558	1129795	5.255	2.475 #
27)	L6 AR-1254-2	0.000	6.091f	0	821337	N.D.	2.041 #
28)	L6 AR-1254-3	7.340f	6.521	2526759	347434	4.875	0.530 #
29)	L6 AR-1254-4	7.628f	6.758	807654	46245	2.144	0.116 #
30)	L6 AR-1254-5	8.008	0.000	3063292	0	6.905	N.D. #
31)	L7 AR-1260-1	7.494f	6.648	434814	371479	1.080	0.789 #
32)	L7 AR-1260-2	7.718f	6.823	1216077	1020551	2.518	1.811 #
33)	L7 AR-1260-3	8.008f	6.990	3063292	328246	4.765	0.630 #
38)	L8 AR-1262-3	0.000	7.976	0	661320	N.D.	1.705 #
39)	L8 AR-1262-4	0.000	8.045	0	742257	N.D.	1.010 #
40)	L8 AR-1262-5	0.000	8.595f	0	662041	N.D.	2.036 #
41)	L9 AR-1268-1	0.000	7.976	0	661320	N.D.	0.616 #
42)	L9 AR-1268-2	0.000	8.045	0	742257	N.D.	0.755 #
43)	L9 AR-1268-3	9.342	0.000	1505286	0	1.209	N.D. #
44)	L9 AR-1268-4	0.000	8.595f	0	662041	N.D.	2.013 #
45)	L9 AR-1268-5	10.245	8.893	1077793	396723	0.274	0.148 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ063022\
Data File : PQ058464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2022 09:43
Operator : YP\AJ
Sample : N3214-08
Misc : AR1221 LOQ 50 PPB
ALS Vial : 5 Sample Multiplier: 1

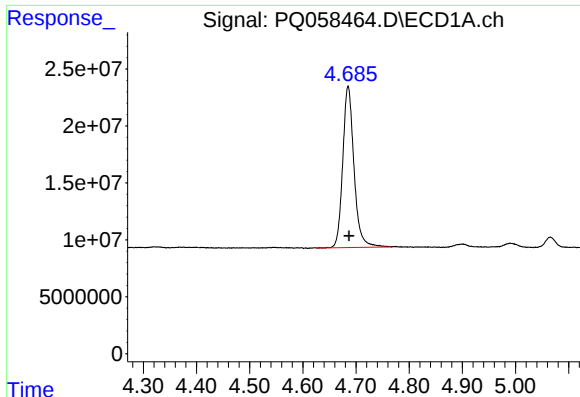
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 30 11:17:08 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

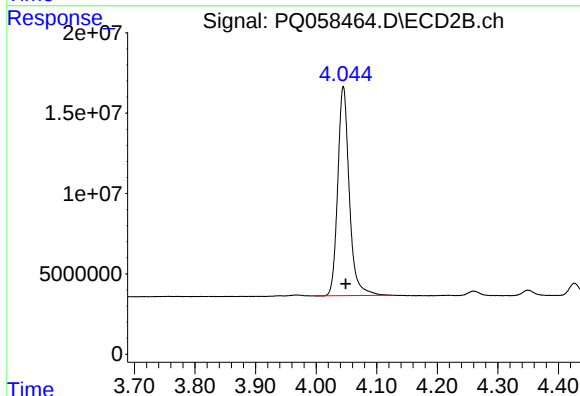
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

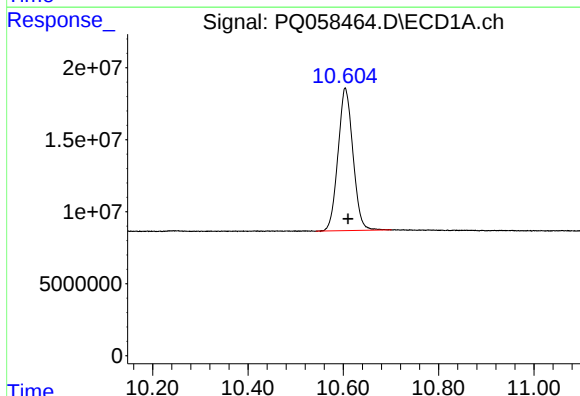
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 208123920
Conc: 16.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



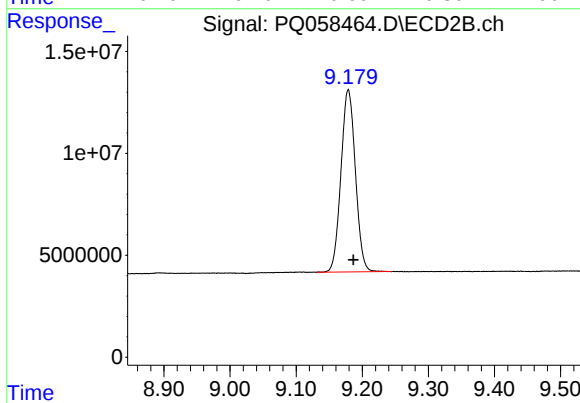
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.004 min
Response: 172485872
Conc: 15.91 ng/ml



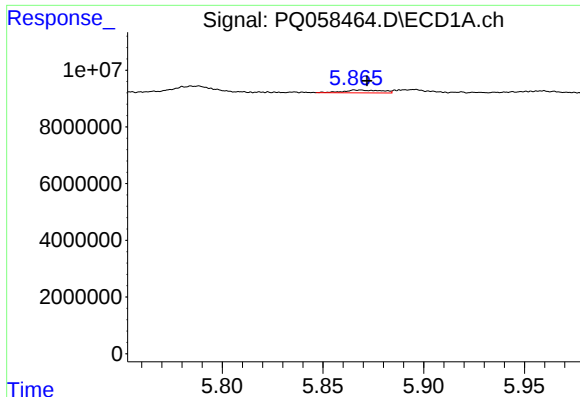
#2 Decachlorobiphenyl

R.T.: 10.605 min
Delta R.T.: -0.005 min
Response: 216020507
Conc: 17.95 ng/ml



#2 Decachlorobiphenyl

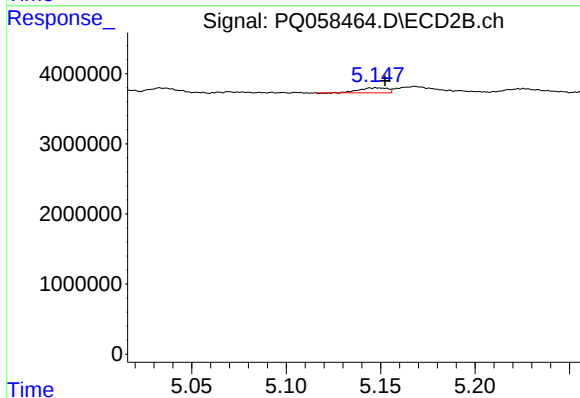
R.T.: 9.179 min
Delta R.T.: -0.008 min
Response: 135578985
Conc: 18.08 ng/ml



#3 AR-1016-1

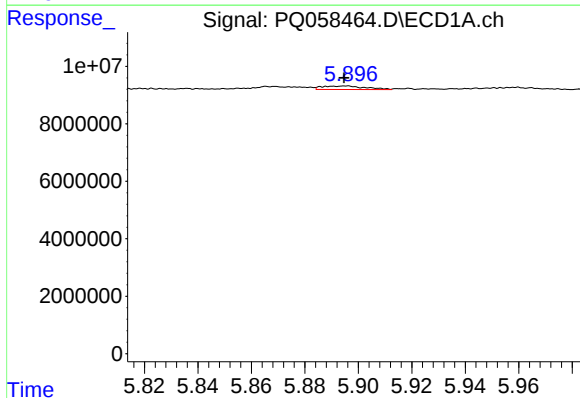
R.T.: 5.868 min
Delta R.T.: -0.004 min
Response: 1296387
Conc: 4.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



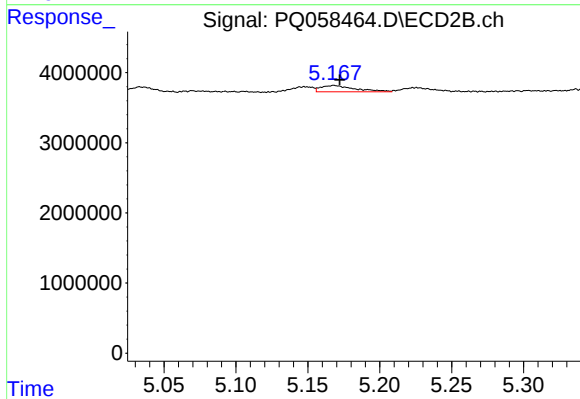
#3 AR-1016-1

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 729339
Conc: 2.09 ng/ml



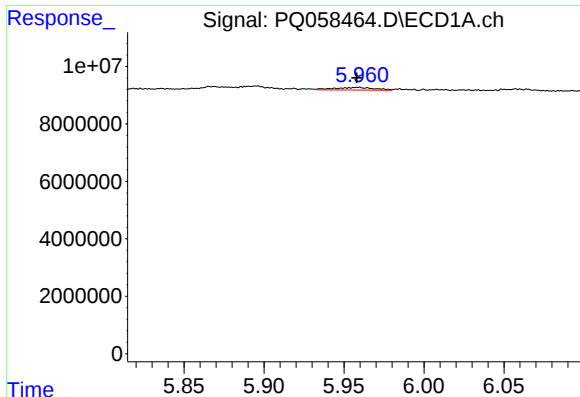
#4 AR-1016-2

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 1395796
Conc: 2.48 ng/ml



#4 AR-1016-2

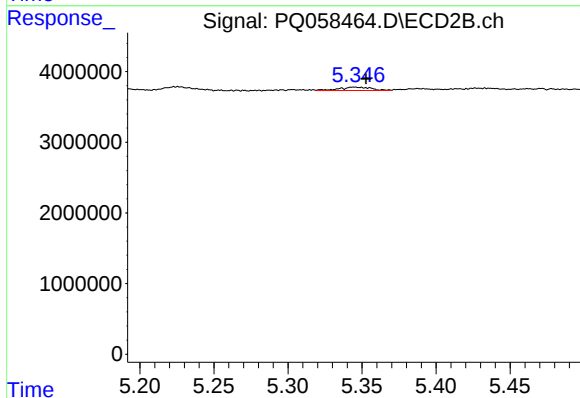
R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 1503954
Conc: 3.00 ng/ml



#5 AR-1016-3

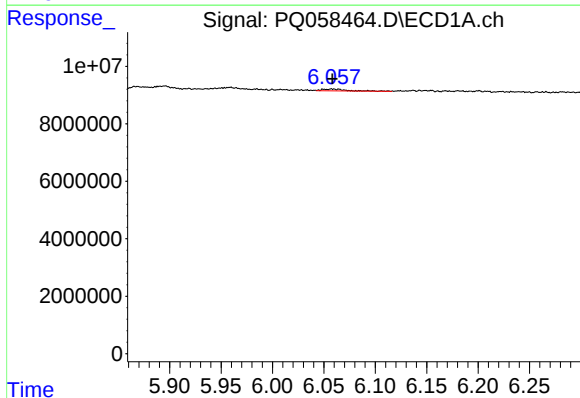
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 1617493
Conc: 4.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



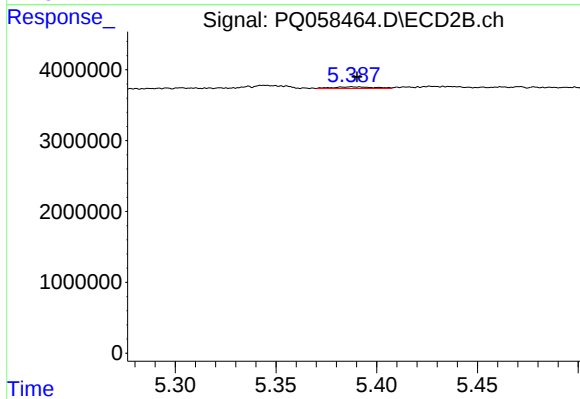
#5 AR-1016-3

R.T.: 5.344 min
Delta R.T.: -0.008 min
Response: 733822
Conc: 2.91 ng/ml



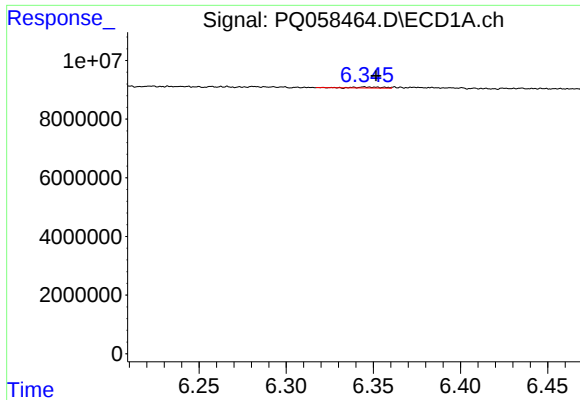
#6 AR-1016-4

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 1032280
Conc: 3.39 ng/ml



#6 AR-1016-4

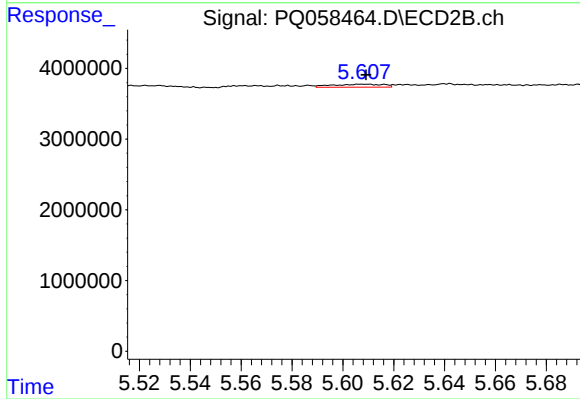
R.T.: 5.388 min
Delta R.T.: -0.002 min
Response: 351291
Conc: 1.76 ng/ml



#7 AR-1016-5

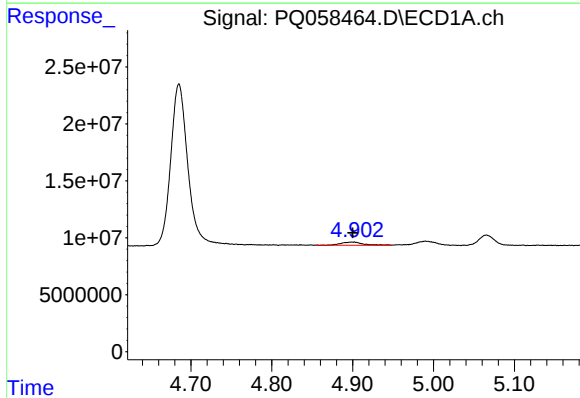
R.T.: 6.345 min
Delta R.T.: -0.006 min
Response: 353674
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



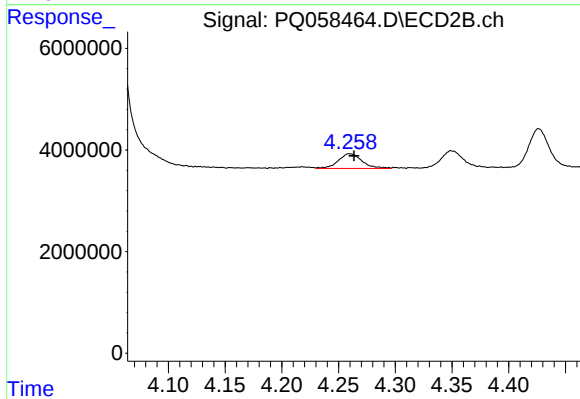
#7 AR-1016-5

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 594693
Conc: 2.29 ng/ml



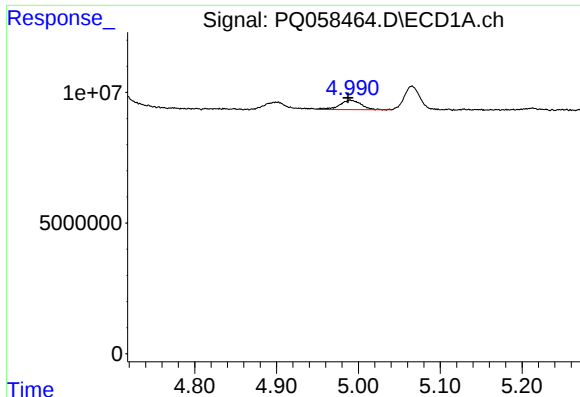
#8 AR-1221-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 5263471
Conc: 46.75 ng/ml



#8 AR-1221-1

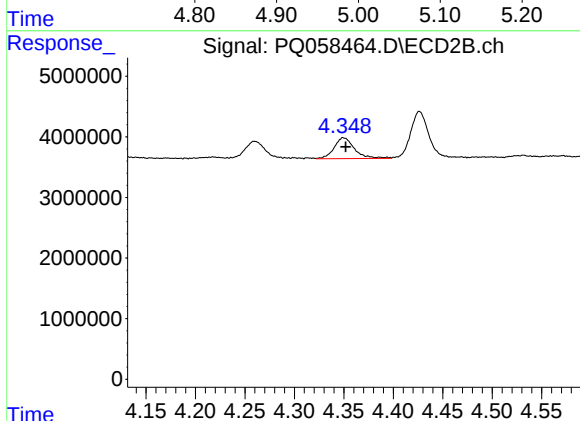
R.T.: 4.260 min
Delta R.T.: -0.004 min
Response: 4182442
Conc: 44.59 ng/ml



#9 AR-1221-2

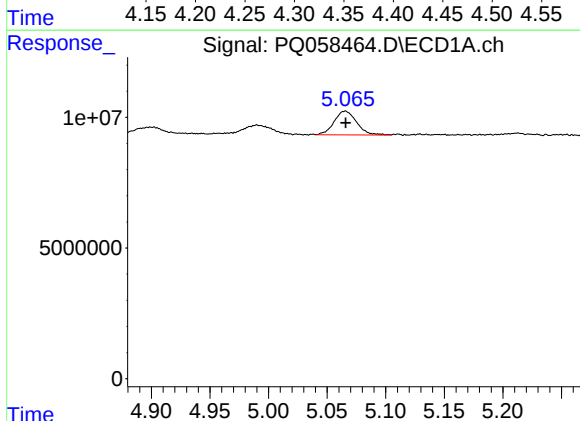
R.T.: 4.990 min
Delta R.T.: 0.002 min
Response: 6776042
Conc: 75.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



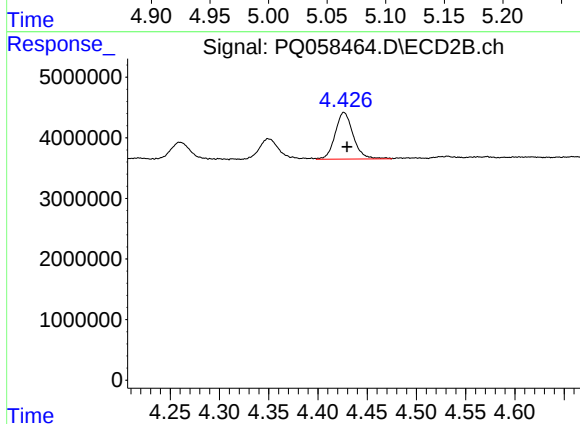
#9 AR-1221-2

R.T.: 4.350 min
Delta R.T.: -0.002 min
Response: 4911367
Conc: 70.41 ng/ml



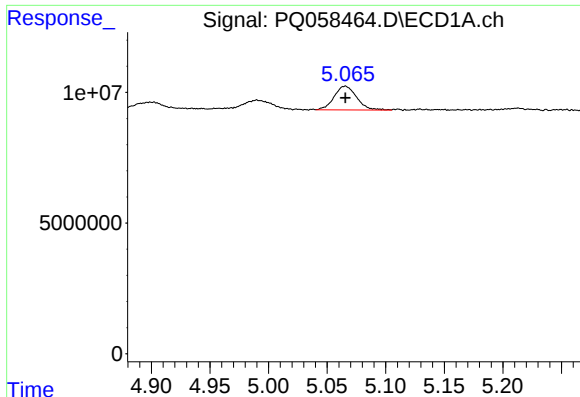
#10 AR-1221-3

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 12125649
Conc: 44.15 ng/ml



#10 AR-1221-3

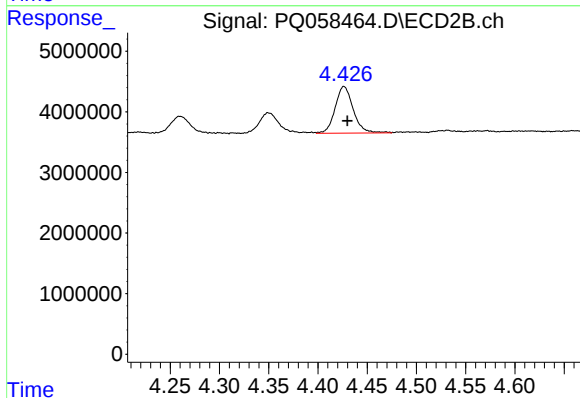
R.T.: 4.426 min
Delta R.T.: -0.003 min
Response: 9805336
Conc: 43.66 ng/ml



#11 AR-1232-1

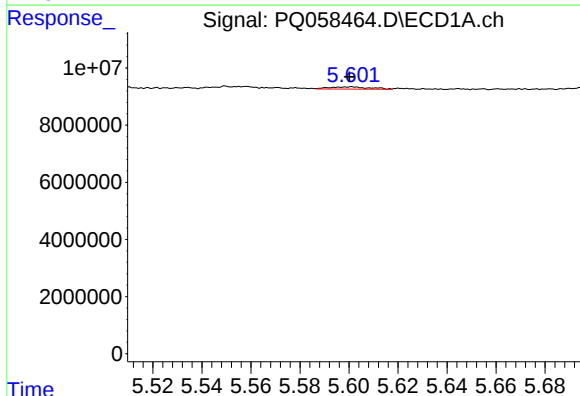
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 12125649
Conc: 49.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



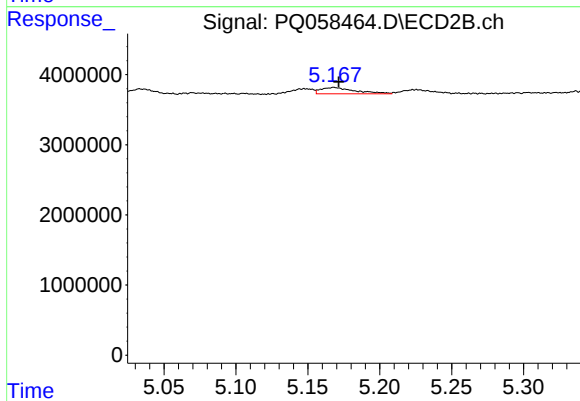
#11 AR-1232-1

R.T.: 4.426 min
Delta R.T.: -0.003 min
Response: 9805336
Conc: 48.47 ng/ml



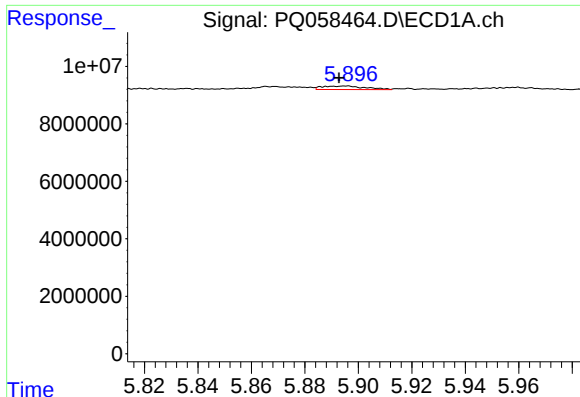
#12 AR-1232-2

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 881194
Conc: 7.64 ng/ml



#12 AR-1232-2

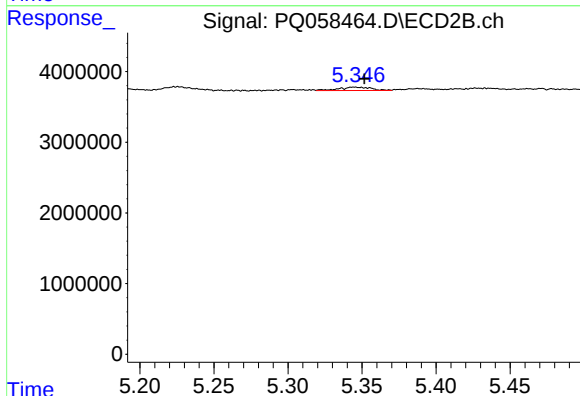
R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 1503954
Conc: 7.82 ng/ml



#13 AR-1232-3

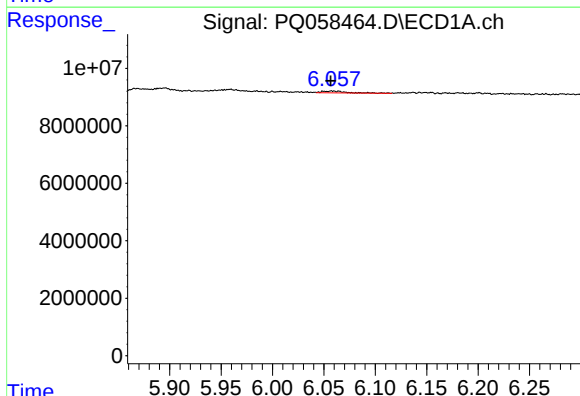
R.T.: 5.895 min
Delta R.T.: 0.003 min
Response: 1395796
Conc: 6.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



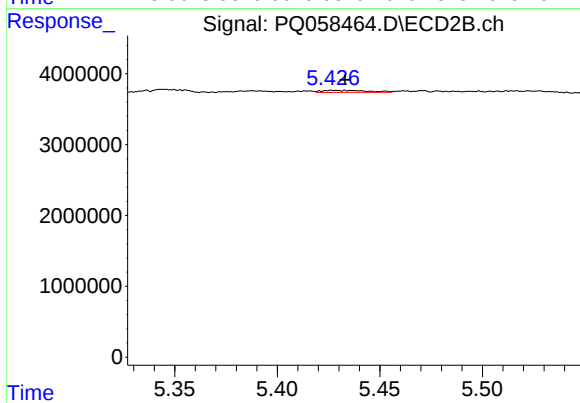
#13 AR-1232-3

R.T.: 5.344 min
Delta R.T.: -0.007 min
Response: 733822
Conc: 7.81 ng/ml



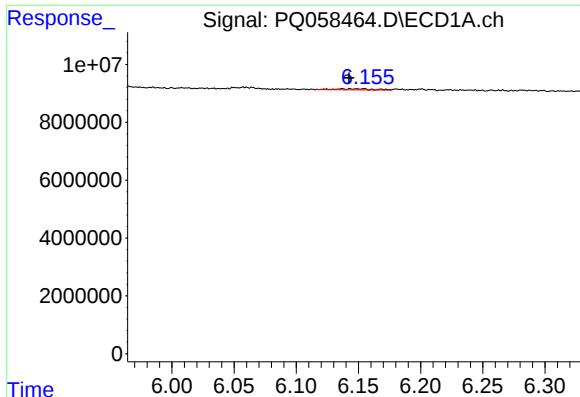
#14 AR-1232-4

R.T.: 6.058 min
Delta R.T.: 0.001 min
Response: 1032280
Conc: 8.53 ng/ml



#14 AR-1232-4

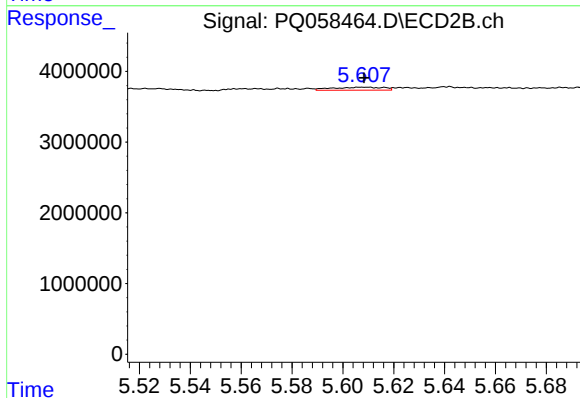
R.T.: 5.427 min
Delta R.T.: -0.006 min
Response: 423003
Conc: 5.00 ng/ml



#15 AR-1232-5

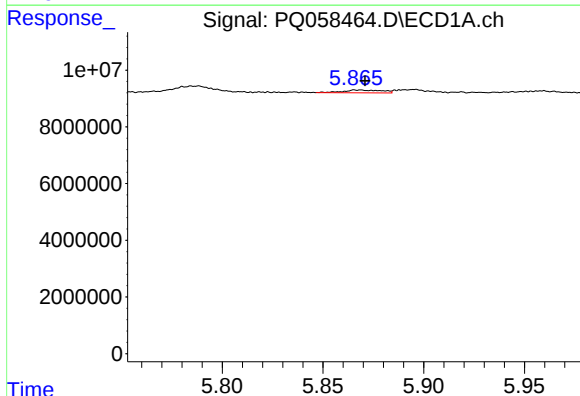
R.T.: 6.137 min
Delta R.T.: -0.006 min
Response: 782165
Conc: 10.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



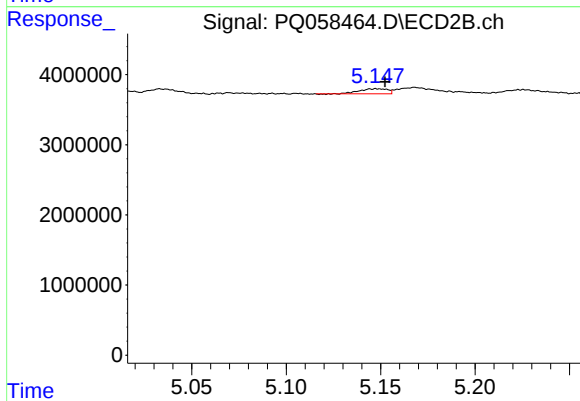
#15 AR-1232-5

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 594693
Conc: 6.33 ng/ml



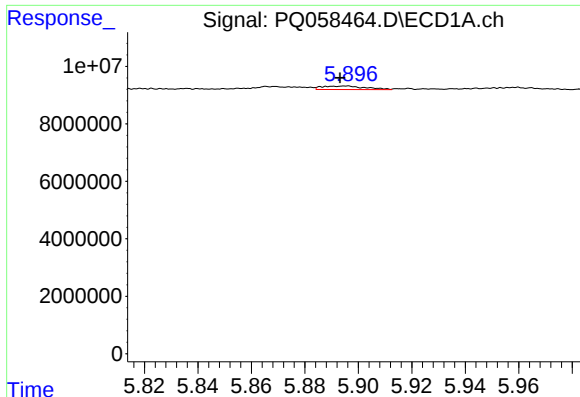
#16 AR-1242-1

R.T.: 5.868 min
Delta R.T.: -0.003 min
Response: 1296387
Conc: 6.12 ng/ml



#16 AR-1242-1

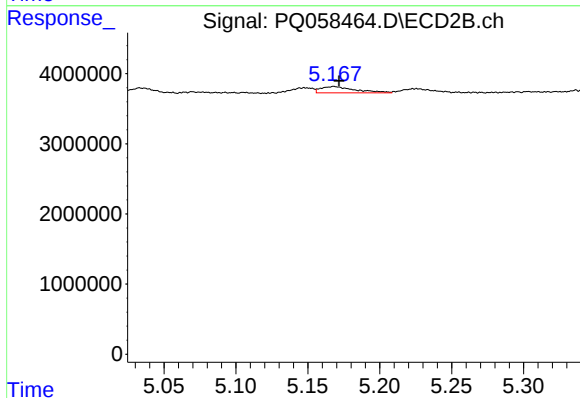
R.T.: 5.148 min
Delta R.T.: -0.005 min
Response: 729339
Conc: 3.22 ng/ml



#17 AR-1242-2

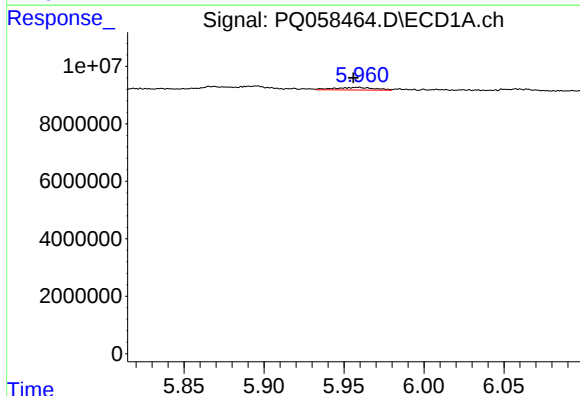
R.T.: 5.895 min
Delta R.T.: 0.002 min
Response: 1395796
Conc: 3.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



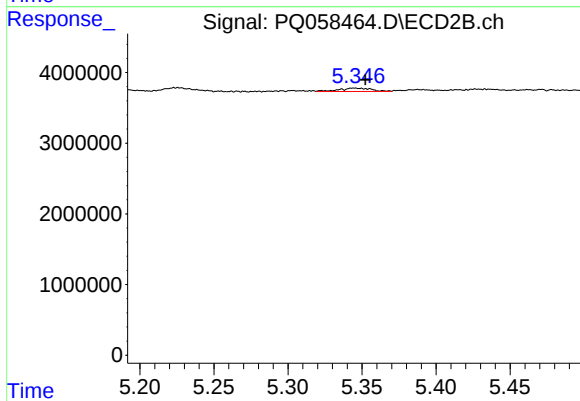
#17 AR-1242-2

R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 1503954
Conc: 4.72 ng/ml



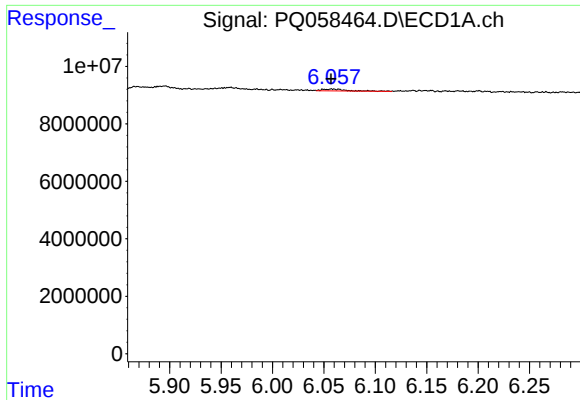
#18 AR-1242-3

R.T.: 5.959 min
Delta R.T.: 0.003 min
Response: 1617493
Conc: 6.81 ng/ml



#18 AR-1242-3

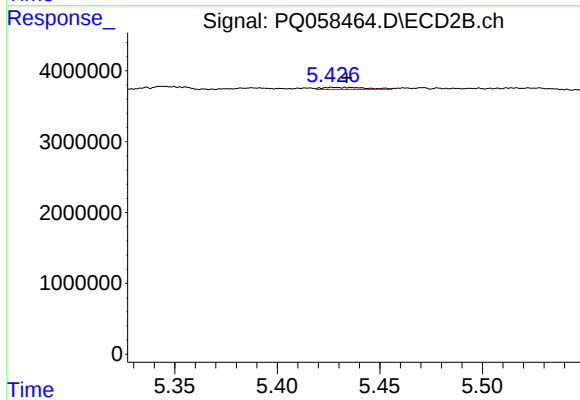
R.T.: 5.344 min
Delta R.T.: -0.008 min
Response: 733822
Conc: 4.54 ng/ml



#19 AR-1242-4

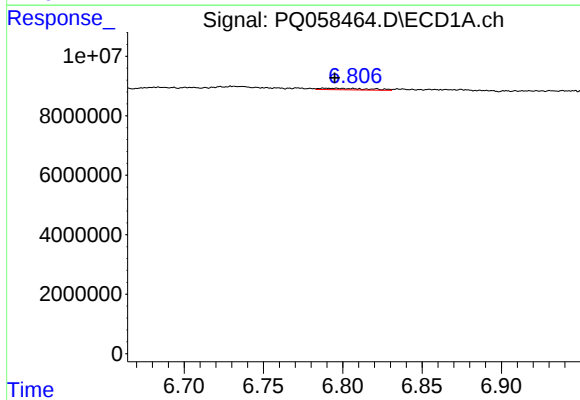
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 1032280
Conc: 5.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



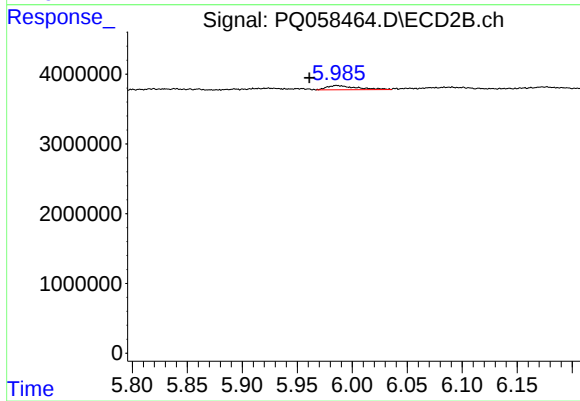
#19 AR-1242-4

R.T.: 5.427 min
Delta R.T.: -0.007 min
Response: 423003
Conc: 2.66 ng/ml



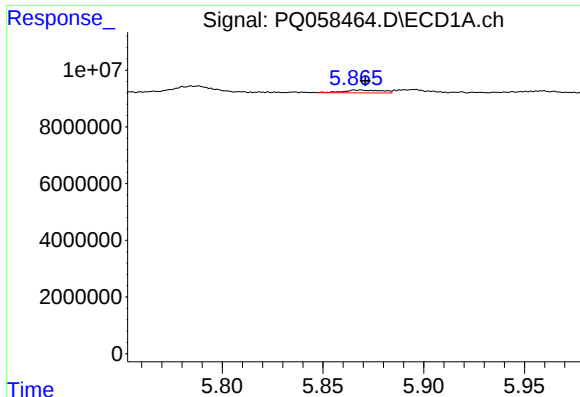
#20 AR-1242-5

R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 983272
Conc: 5.75 ng/ml



#20 AR-1242-5

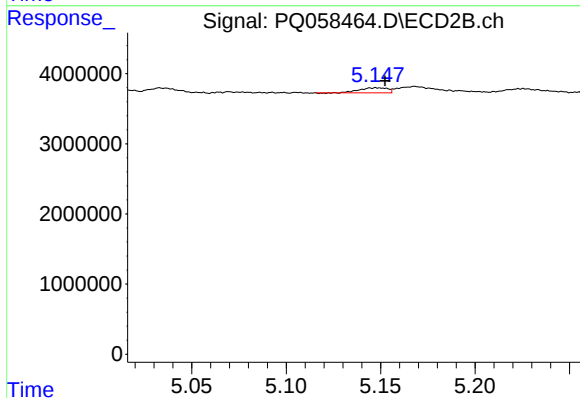
R.T.: 5.986 min
Delta R.T.: 0.025 min
Response: 1129795
Conc: 6.04 ng/ml



#21 AR-1248-1

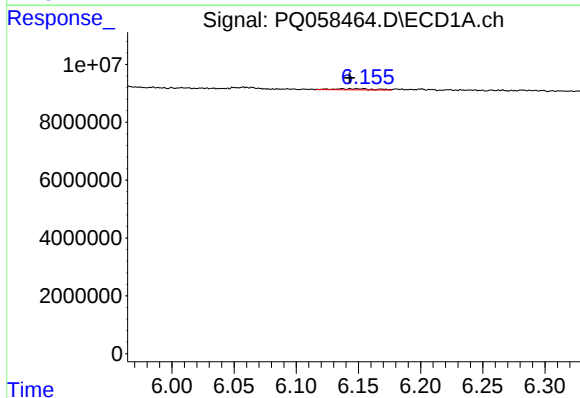
R.T.: 5.868 min
Delta R.T.: -0.004 min
Response: 1296387
Conc: 9.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



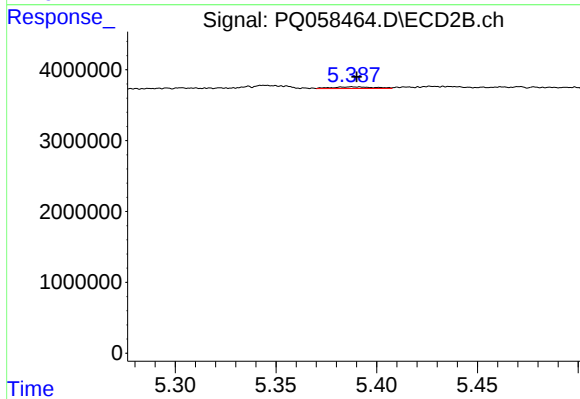
#21 AR-1248-1

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 729339
Conc: 4.91 ng/ml



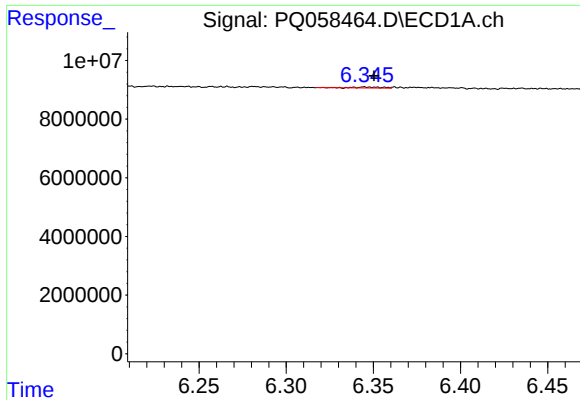
#22 AR-1248-2

R.T.: 6.137 min
Delta R.T.: -0.006 min
Response: 782165
Conc: 4.16 ng/ml



#22 AR-1248-2

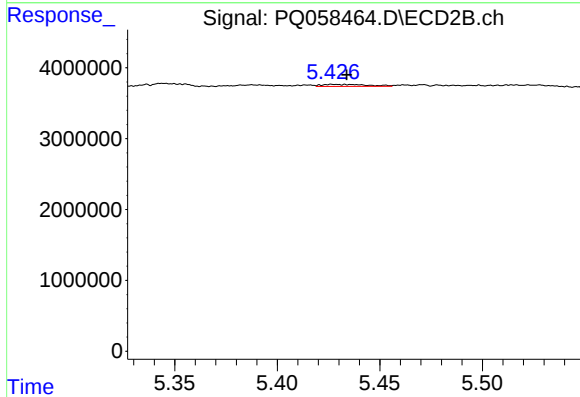
R.T.: 5.388 min
Delta R.T.: -0.002 min
Response: 351291
Conc: 1.80 ng/ml



#23 AR-1248-3

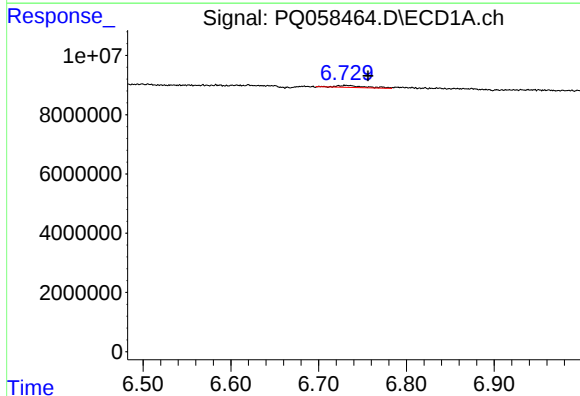
R.T.: 6.345 min
Delta R.T.: -0.005 min
Response: 353674
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



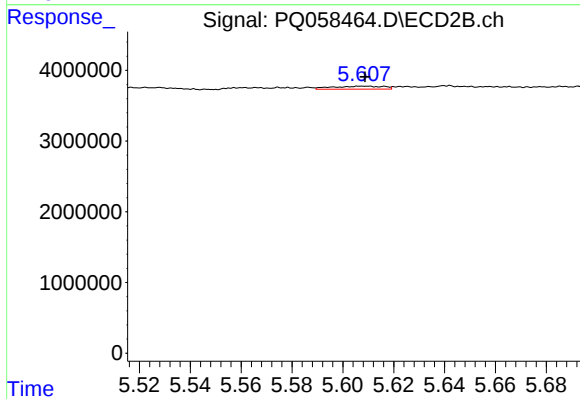
#23 AR-1248-3

R.T.: 5.427 min
Delta R.T.: -0.007 min
Response: 423003
Conc: 2.10 ng/ml



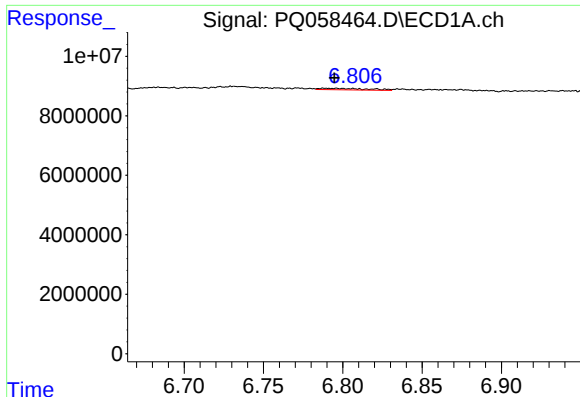
#24 AR-1248-4

R.T.: 6.731 min
Delta R.T.: -0.025 min
Response: 1535558
Conc: 6.38 ng/ml



#24 AR-1248-4

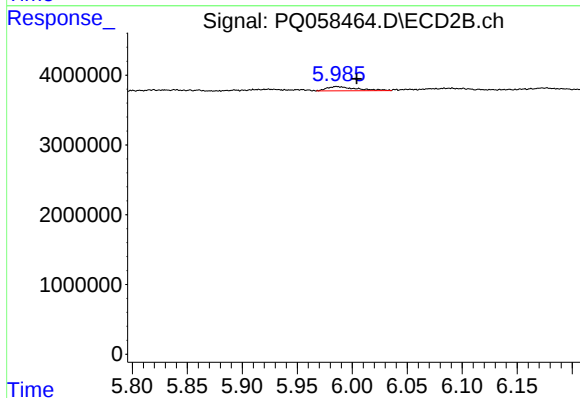
R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 594693
Conc: 2.44 ng/ml



#25 AR-1248-5

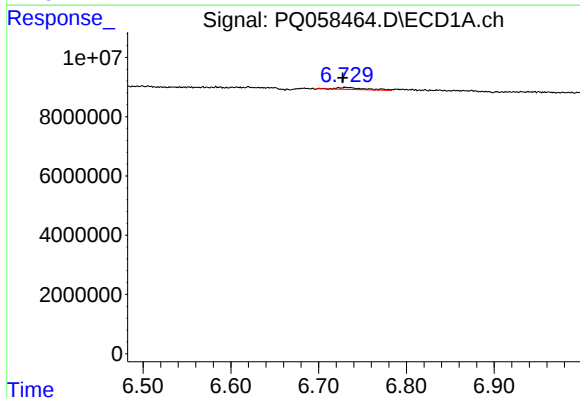
R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 983272
Conc: 3.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



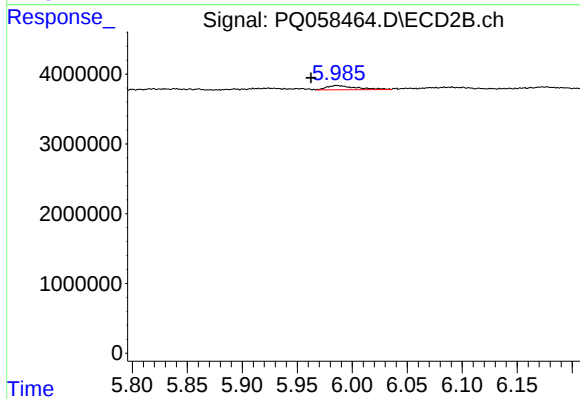
#25 AR-1248-5

R.T.: 5.986 min
Delta R.T.: -0.018 min
Response: 1129795
Conc: 5.06 ng/ml



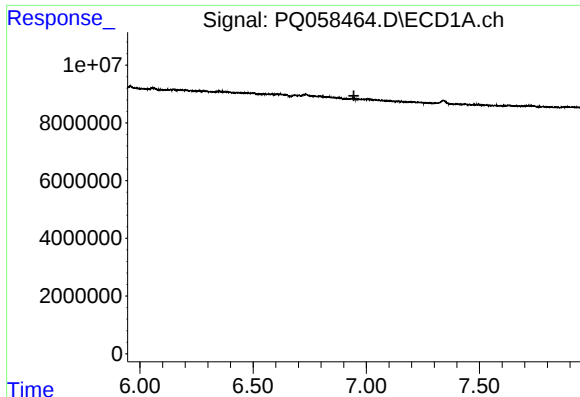
#26 AR-1254-1

R.T.: 6.731 min
Delta R.T.: 0.003 min
Response: 1535558
Conc: 5.26 ng/ml



#26 AR-1254-1

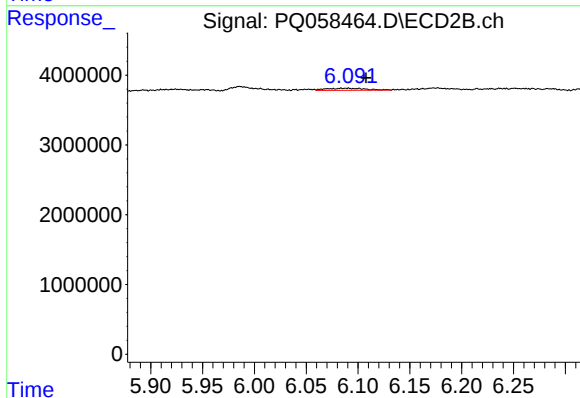
R.T.: 5.986 min
Delta R.T.: 0.023 min
Response: 1129795
Conc: 2.47 ng/ml



#27 AR-1254-2

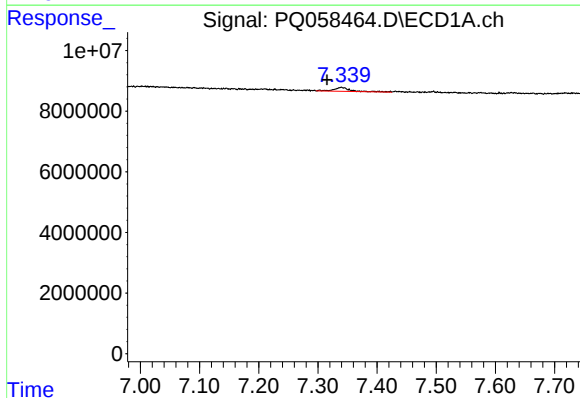
R.T.: 0.000 min
Exp R.T.: 6.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



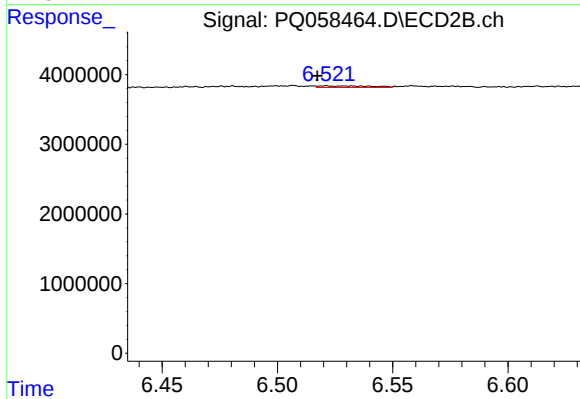
#27 AR-1254-2

R.T.: 6.091 min
Delta R.T.: -0.017 min
Response: 821337
Conc: 2.04 ng/ml



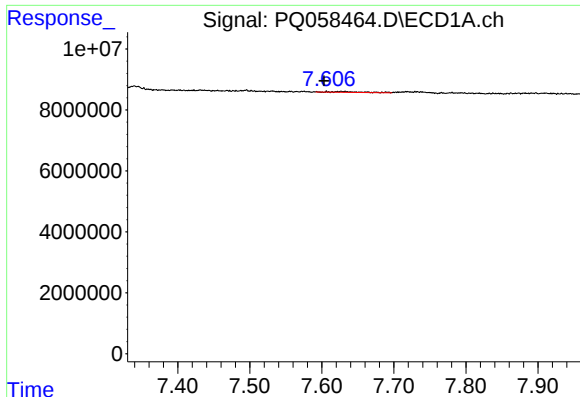
#28 AR-1254-3

R.T.: 7.340 min
Delta R.T.: 0.024 min
Response: 2526759
Conc: 4.87 ng/ml



#28 AR-1254-3

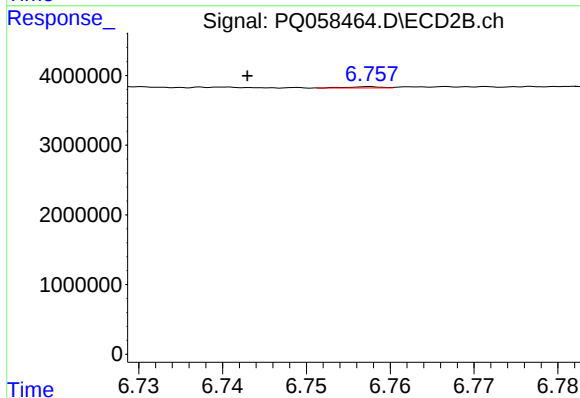
R.T.: 6.521 min
Delta R.T.: 0.004 min
Response: 347434
Conc: 0.53 ng/ml



#29 AR-1254-4

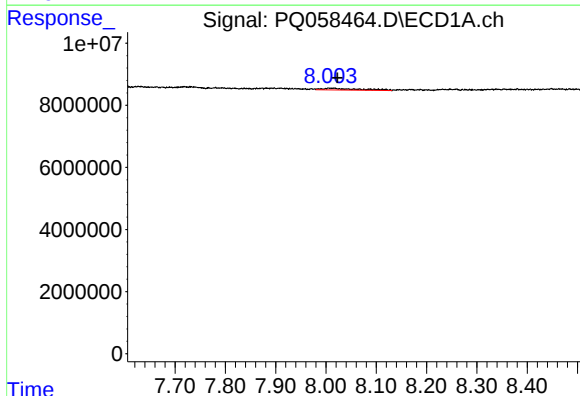
R.T.: 7.628 min
Delta R.T.: 0.024 min
Response: 807654
Conc: 2.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



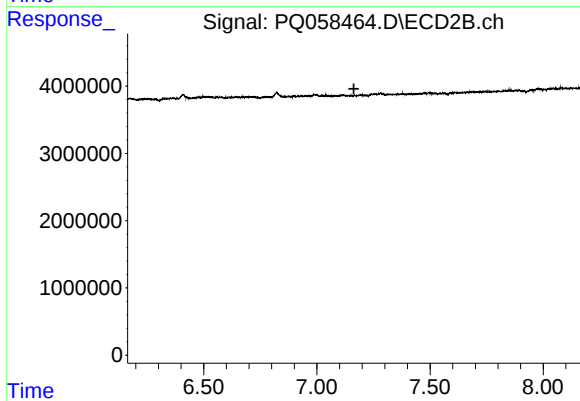
#29 AR-1254-4

R.T.: 6.758 min
Delta R.T.: 0.015 min
Response: 46245
Conc: 0.12 ng/ml



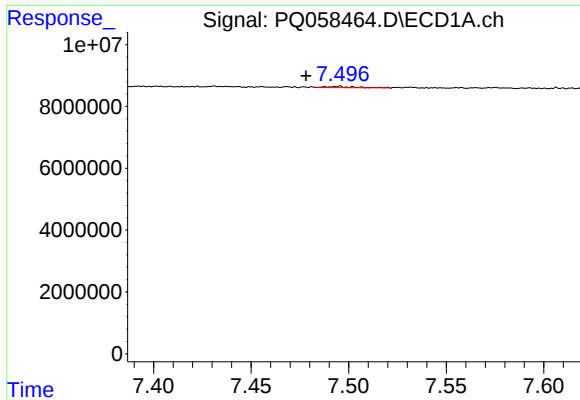
#30 AR-1254-5

R.T.: 8.008 min
Delta R.T.: -0.014 min
Response: 3063292
Conc: 6.90 ng/ml



#30 AR-1254-5

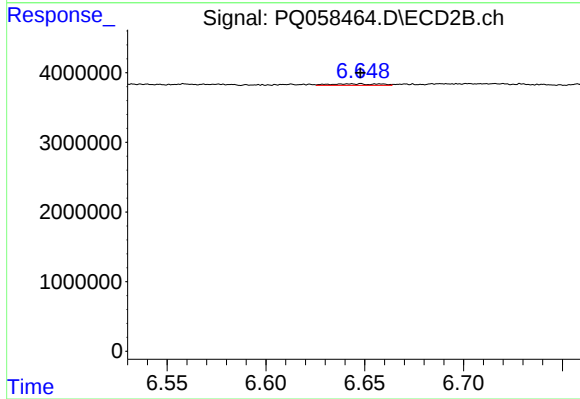
R.T.: 0.000 min
Exp R.T.: 7.164 min
Response: 0
Conc: N.D.



#31 AR-1260-1

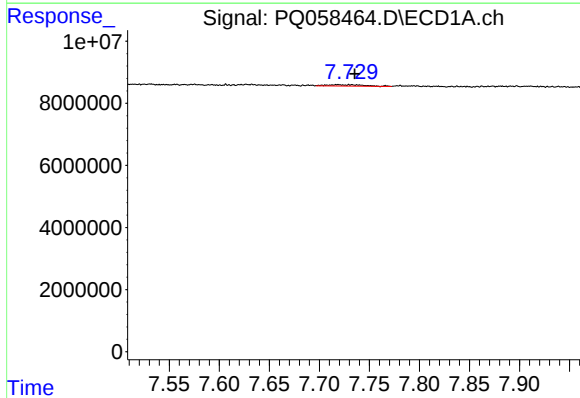
R.T.: 7.494 min
Delta R.T.: 0.016 min
Response: 434814
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



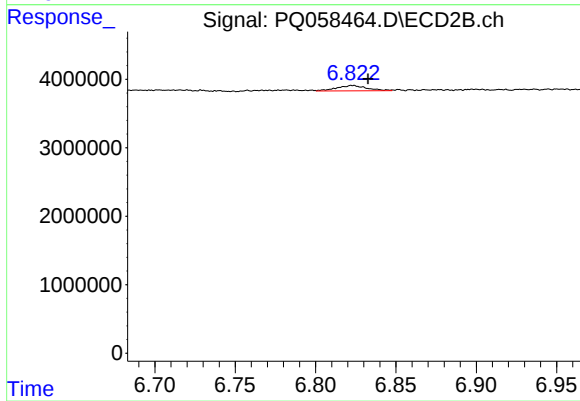
#31 AR-1260-1

R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 371479
Conc: 0.79 ng/ml



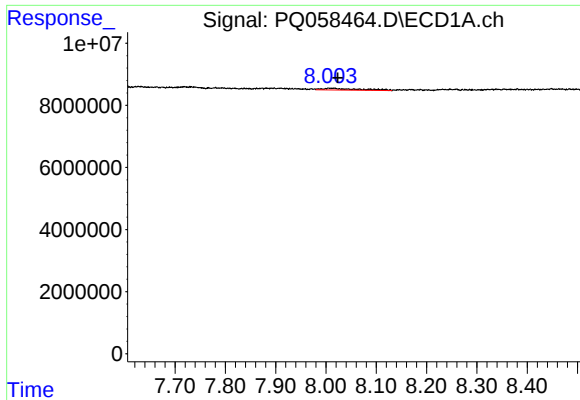
#32 AR-1260-2

R.T.: 7.718 min
Delta R.T.: -0.017 min
Response: 1216077
Conc: 2.52 ng/ml



#32 AR-1260-2

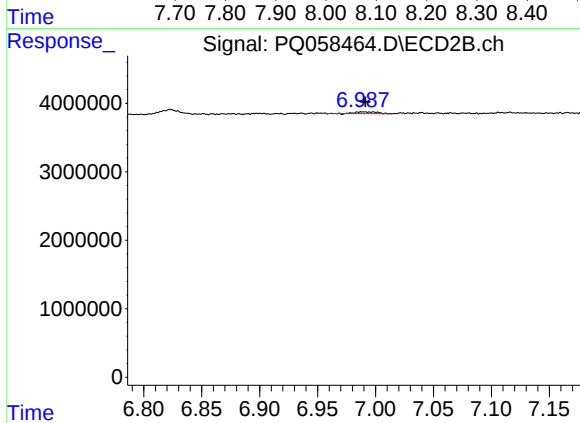
R.T.: 6.823 min
Delta R.T.: -0.010 min
Response: 1020551
Conc: 1.81 ng/ml



#33 AR-1260-3

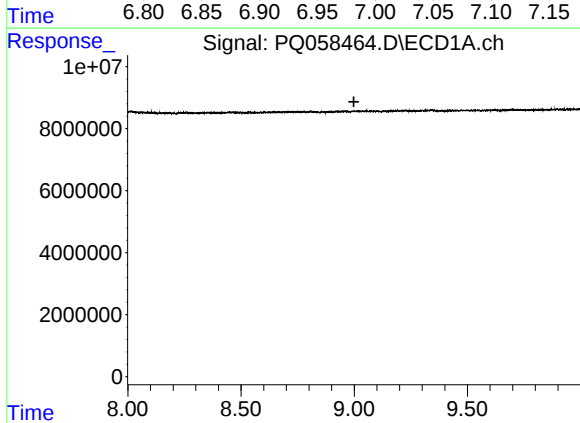
R.T.: 8.008 min
Delta R.T.: -0.015 min
Response: 3063292
Conc: 4.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



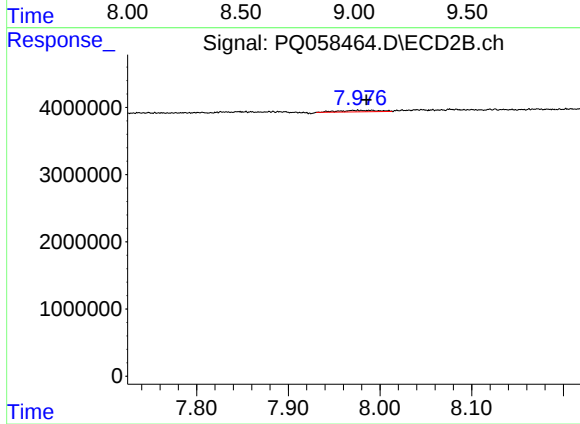
#33 AR-1260-3

R.T.: 6.990 min
Delta R.T.: -0.001 min
Response: 328246
Conc: 0.63 ng/ml



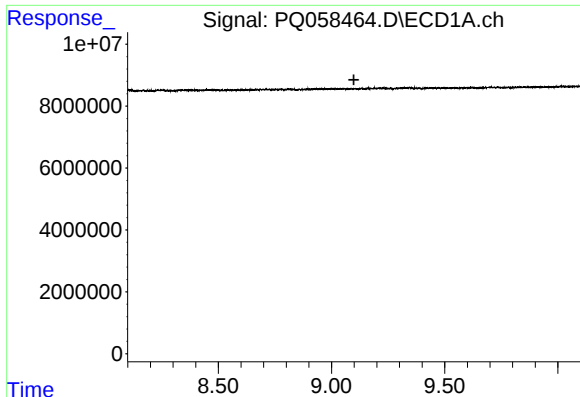
#38 AR-1262-3

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



#38 AR-1262-3

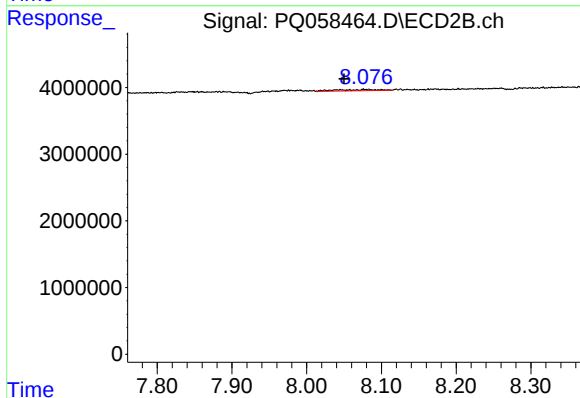
R.T.: 7.976 min
Delta R.T.: -0.010 min
Response: 661320
Conc: 1.70 ng/ml



#39 AR-1262-4

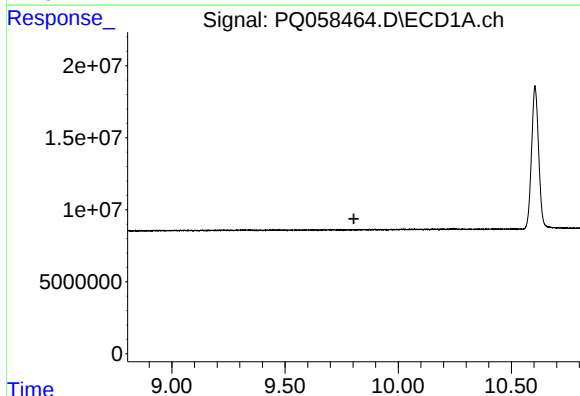
R.T.: 0.000 min
Exp R.T.: 9.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



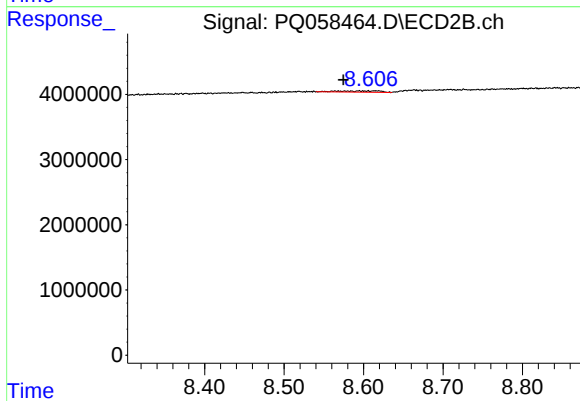
#39 AR-1262-4

R.T.: 8.045 min
Delta R.T.: -0.005 min
Response: 742257
Conc: 1.01 ng/ml



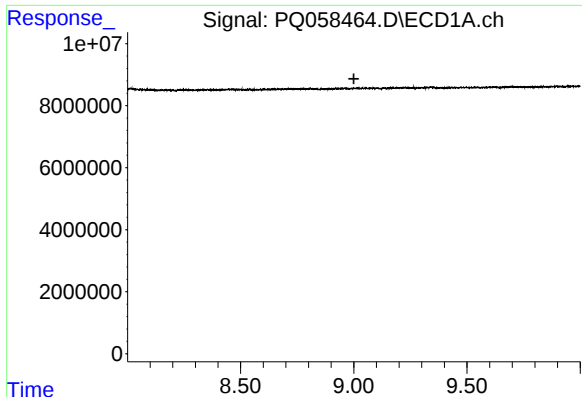
#40 AR-1262-5

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



#40 AR-1262-5

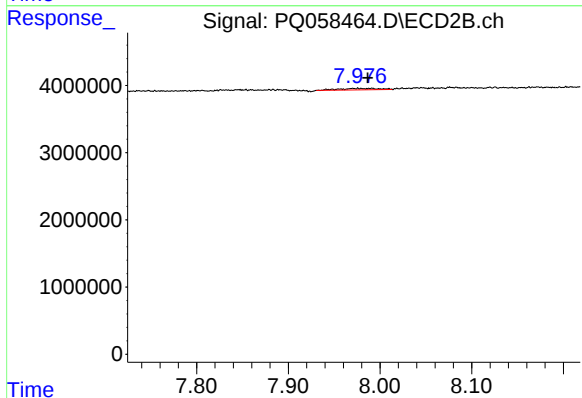
R.T.: 8.595 min
Delta R.T.: 0.021 min
Response: 662041
Conc: 2.04 ng/ml



#41 AR-1268-1

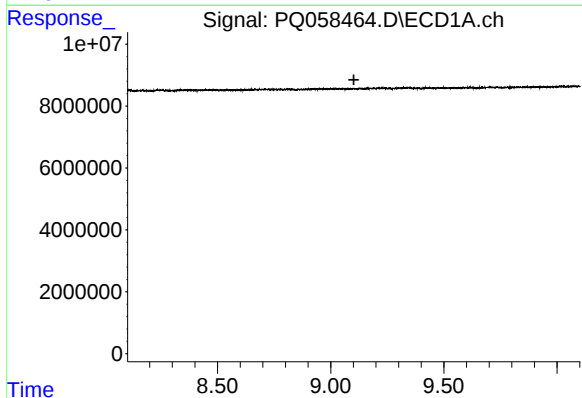
R.T.: 0.000 min
Exp R.T.: 9.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



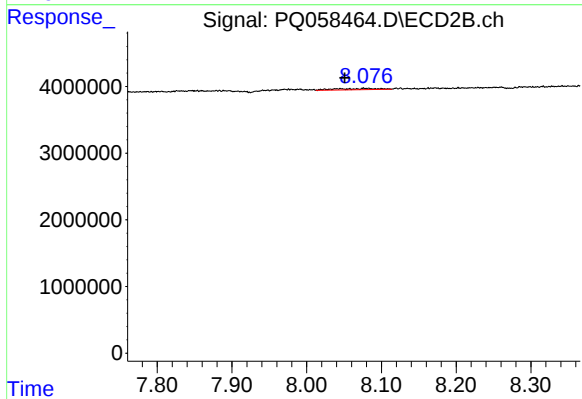
#41 AR-1268-1

R.T.: 7.976 min
Delta R.T.: -0.011 min
Response: 661320
Conc: 0.62 ng/ml



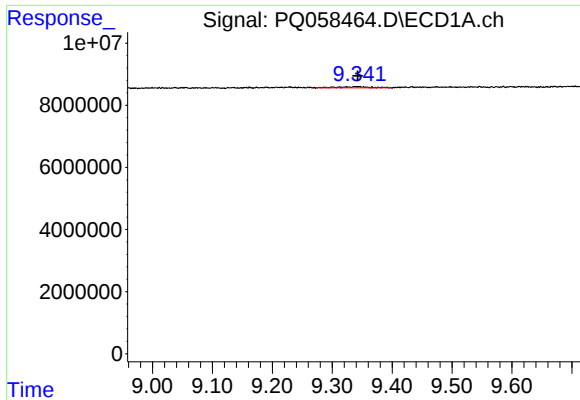
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.102 min
Response: 0
Conc: N.D.



#42 AR-1268-2

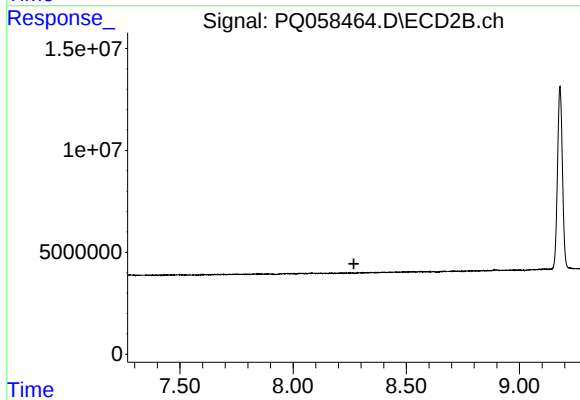
R.T.: 8.045 min
Delta R.T.: -0.006 min
Response: 742257
Conc: 0.75 ng/ml



#43 AR-1268-3

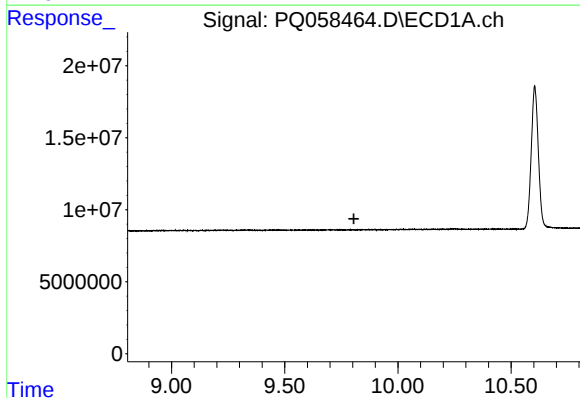
R.T.: 9.342 min
Delta R.T.: -0.001 min
Response: 1505286
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



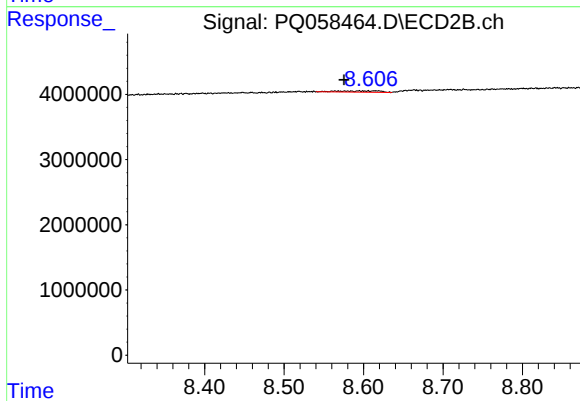
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.269 min
Response: 0
Conc: N.D.



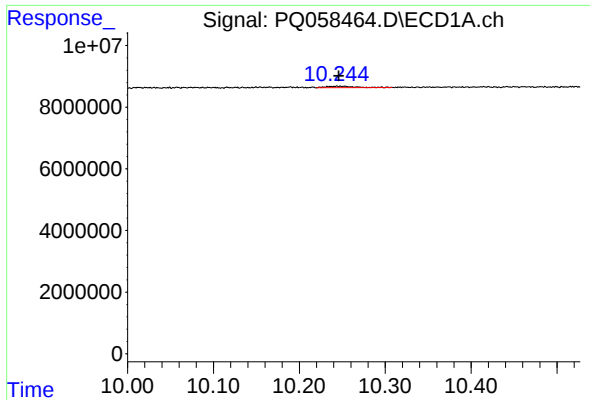
#44 AR-1268-4

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



#44 AR-1268-4

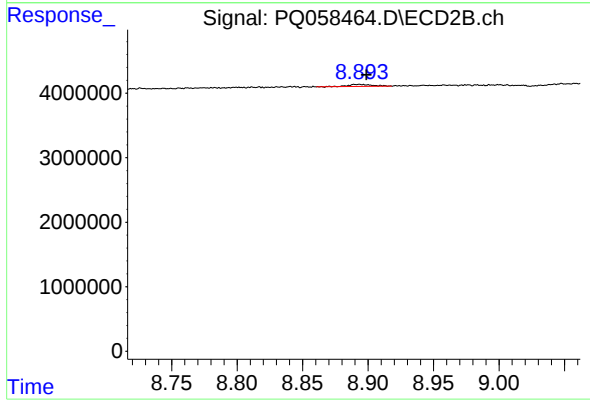
R.T.: 8.595 min
Delta R.T.: 0.020 min
Response: 662041
Conc: 2.01 ng/ml



#45 AR-1268-5

R.T.: 10.245 min
Delta R.T.: -0.001 min
Response: 1077793
Conc: 0.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.893 min
Delta R.T.: -0.006 min
Response: 396723
Conc: 0.15 ng/ml