

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072723\
 Data File : PQ062717.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2023 14:12
 Operator : YP\AJ
 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: Jul 27 21:17:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 27 01:22:50 2023
 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...	3.402	2.755	89959470	61117032	19.955	20.084
2)	SA Decachlor...	8.586	7.525	80290815	65943509	21.760	20.276
Target Compounds							
3)	L1 AR-1016-1	4.468f	3.747	2950990	52264	20.050	0.528 #
4)	L1 AR-1016-2	0.000	3.773	0	110594	N.D.	0.747 #
5)	L1 AR-1016-3	4.594	3.965f	262633	116966	1.861	1.483
6)	L1 AR-1016-4	0.000	3.975	0	91012	N.D.	1.388 #
7)	L1 AR-1016-5	0.000	4.167	0	328816	N.D.	4.086 #
9)	L2 AR-1221-2	3.678	3.024	-183222	958538	N.D.	31.337 #
10)	L2 AR-1221-3	3.734	3.113	419911	305069	3.119	3.127
11)	L3 AR-1232-1	3.734	3.113	419911	305069	3.732	3.866
12)	L3 AR-1232-2	4.232	3.773	247852	110594	4.318	1.590 #
13)	L3 AR-1232-3	0.000	3.965f	0	116966	N.D.	3.309 #
14)	L3 AR-1232-4	0.000	4.010	0	268884	N.D.	8.925 #
15)	L3 AR-1232-5	0.000	4.167	0	328816	N.D.	8.883 #
16)	L4 AR-1242-1	4.468f	3.747	2950990	52264	22.869	0.583 #
17)	L4 AR-1242-2	0.000	3.773	0	110594	N.D.	0.840 #
18)	L4 AR-1242-3	4.594	3.965f	262633	116966	2.084	1.679
19)	L4 AR-1242-4	0.000	4.010	0	268884	N.D.	4.186 #
20)	L4 AR-1242-5	5.365	4.518	696995	146909	6.212	1.787 #
21)	L5 AR-1248-1	4.468f	3.747	2950990	52264	30.124	0.780 #
22)	L5 AR-1248-2	0.000	3.985	0	101651	N.D.	1.083 #
23)	L5 AR-1248-3	0.000	4.010	0	268884	N.D.	3.002 #
24)	L5 AR-1248-4	5.365	4.167	696995	328816	3.665	2.966
25)	L5 AR-1248-5	5.365	4.533	696995	374836	3.723	3.374
26)	L6 AR-1254-1	5.323	4.518	2668753	146909	13.787	0.886 #
27)	L6 AR-1254-2	5.536	4.660	477363	237218	1.558	1.638
28)	L6 AR-1254-3	5.876	5.071f	2216920	482756	6.779	2.128 #
29)	L6 AR-1254-4	6.153f	5.266	1159712	722569	4.764	4.881
30)	L6 AR-1254-5	6.581	5.634f	505898	206820	1.939	0.989 #
31)	L7 AR-1260-1	6.060	5.163	228020	341851	0.985	2.219 #
32)	L7 AR-1260-2	6.302	5.360	1545847	382089	5.502	2.038 #
33)	L7 AR-1260-3	6.666	5.511	313618	230413	1.559	1.292
34)	L7 AR-1260-4	6.910	5.990f	731252	650963	3.182	4.369 #
35)	L7 AR-1260-5	7.176f	6.207	721964	222677	1.566	0.661 #
36)	L8 AR-1262-1	6.666	5.725	313618	328586	1.015	1.530 #
37)	L8 AR-1262-2	7.176f	5.990f	721964	650963	1.330	3.287 #
38)	L8 AR-1262-3	7.434f	6.485	444819	388624	1.220	2.382 #
39)	L8 AR-1262-4	7.579	6.544	559905	79650	2.006	0.266 #
40)	L8 AR-1262-5	0.000	7.040	0	138141	N.D.	0.918 #
41)	L9 AR-1268-1	7.434f	6.485	444819	388624	0.701	0.820
42)	L9 AR-1268-2	7.579	6.544	559905	79650	0.971	0.184 #

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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
43) L9	AR-1268-3	0.000	6.746	0	301637	N.D.	0.793 #
44) L9	AR-1268-4	0.000	7.040	0	138141	N.D.	0.830 #
45) L9	AR-1268-5	8.353	7.309	733273	640978	0.508	0.521

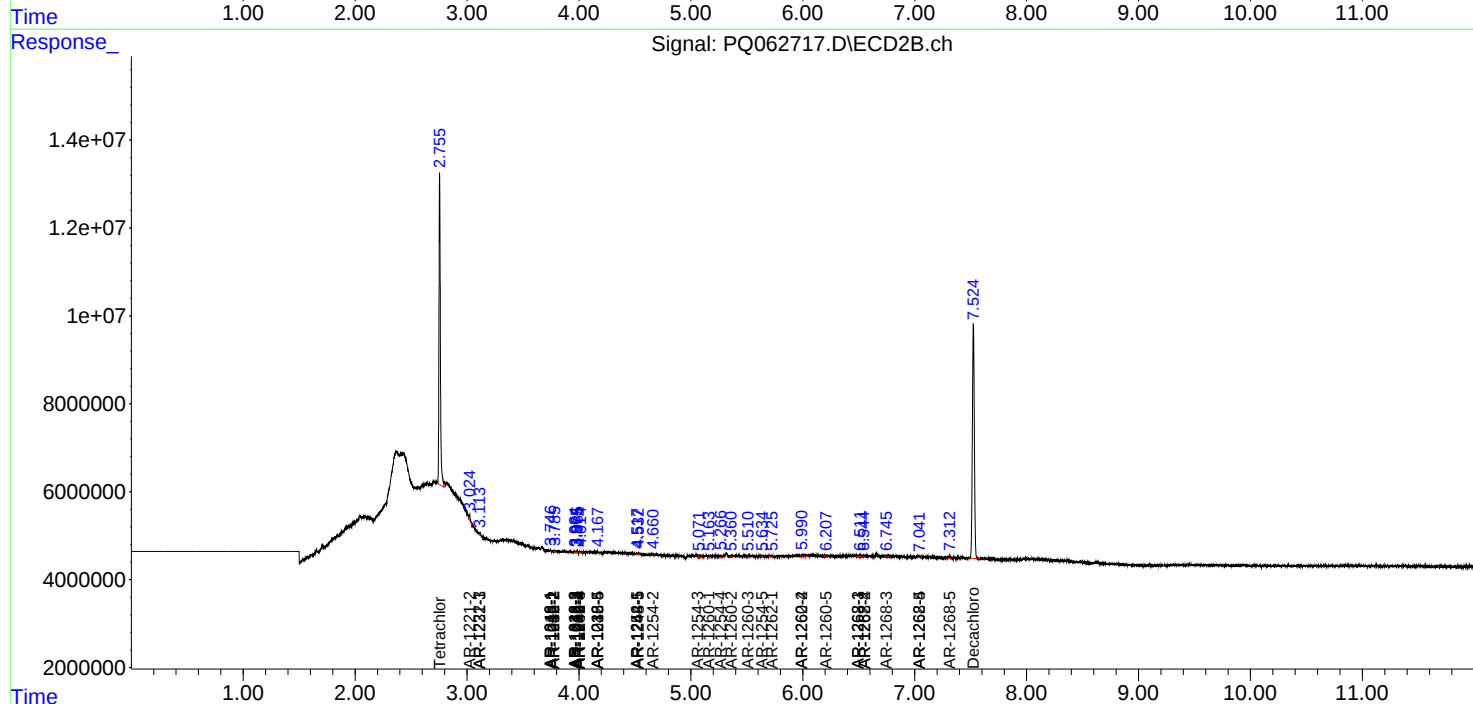
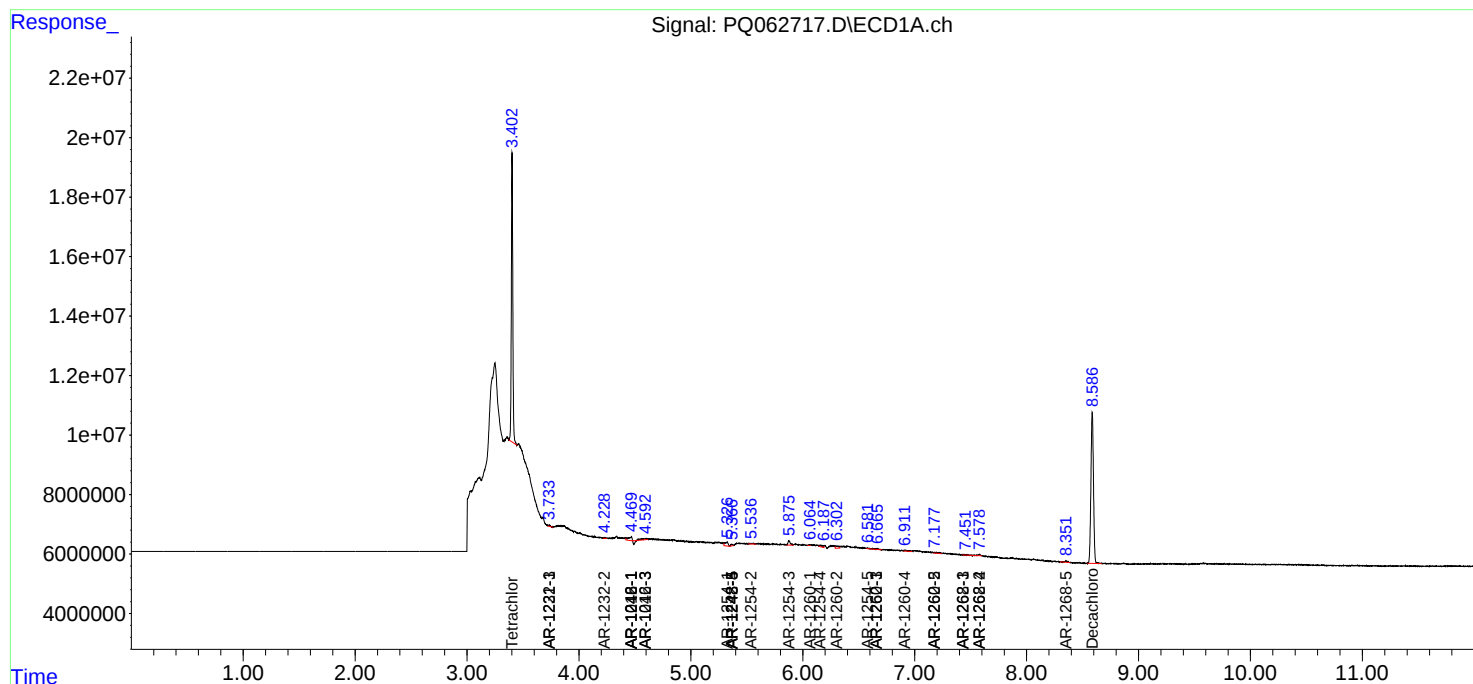
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

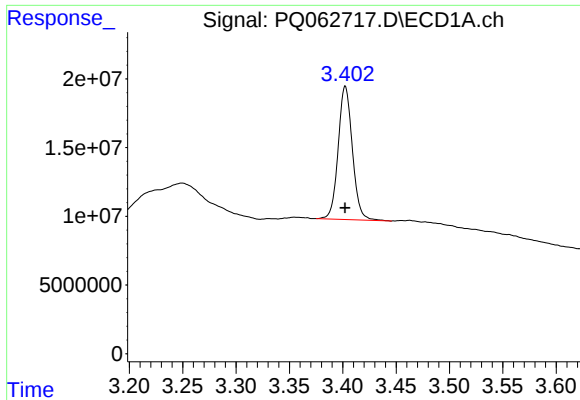
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Data File : PQ062717.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2023 14:12
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Response via : Initial Calibration
Integrator: ChemStation

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

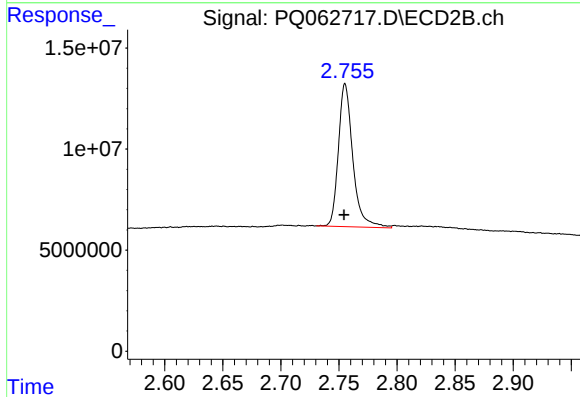




#1 Tetrachloro-m-xylene

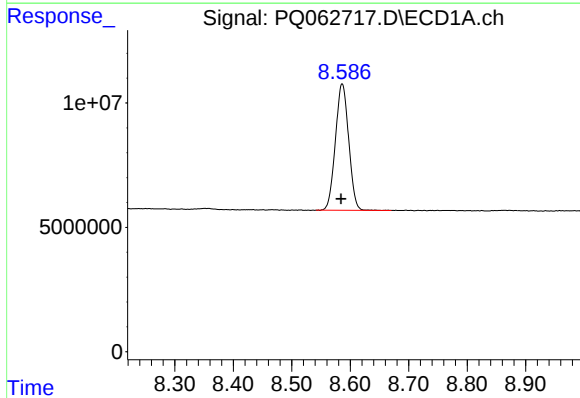
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 89959470
Conc: 19.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



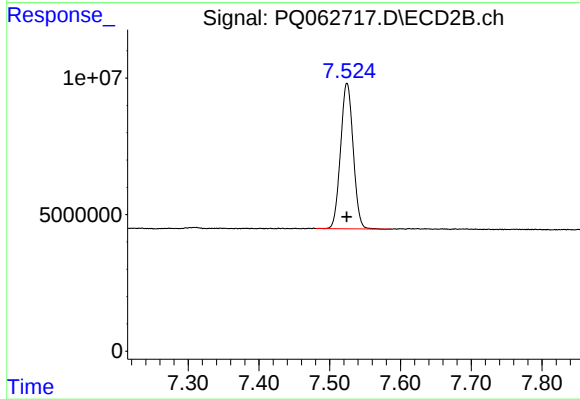
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: 0.000 min
Response: 61117032
Conc: 20.08 ng/ml



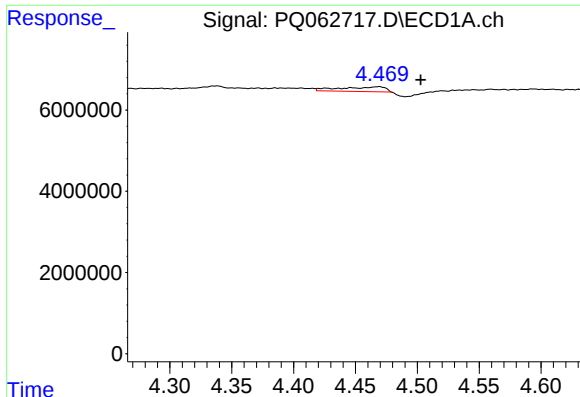
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 80290815
Conc: 21.76 ng/ml



#2 Decachlorobiphenyl

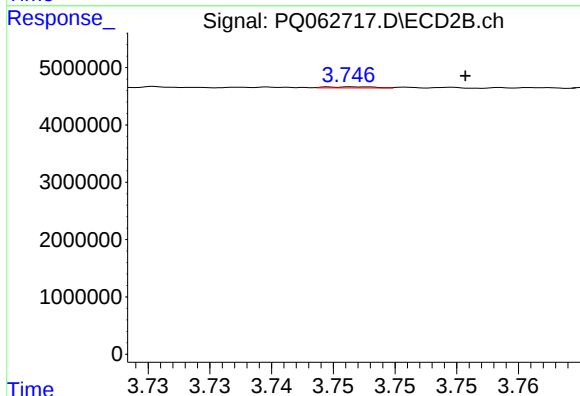
R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 65943509
Conc: 20.28 ng/ml



#3 AR-1016-1

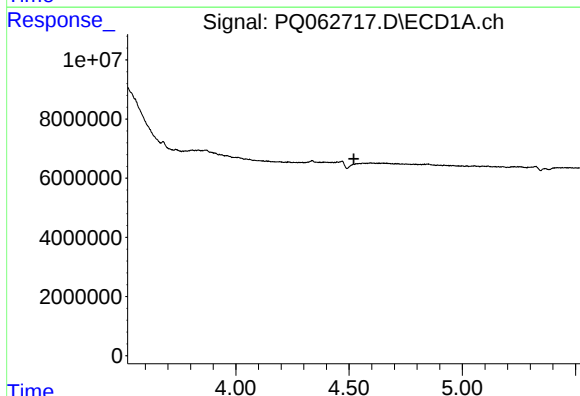
R.T.: 4.468 min
Delta R.T.: -0.034 min
Response: 2950990
Conc: 20.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



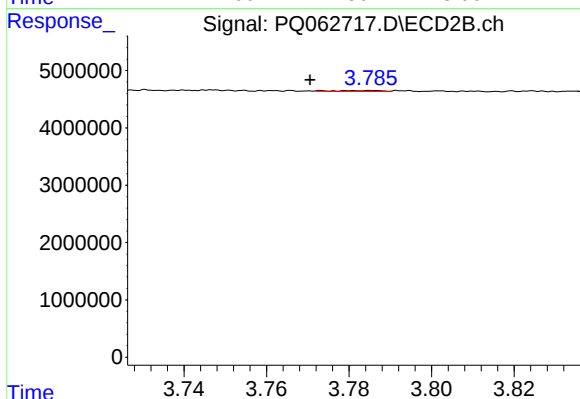
#3 AR-1016-1

R.T.: 3.747 min
Delta R.T.: -0.009 min
Response: 52264
Conc: 0.53 ng/ml



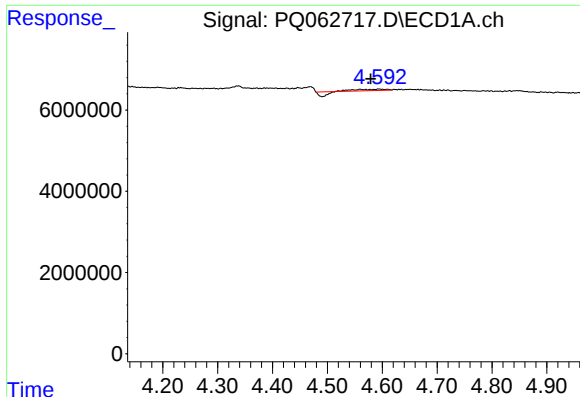
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.522 min
Response: 0
Conc: N.D.



#4 AR-1016-2

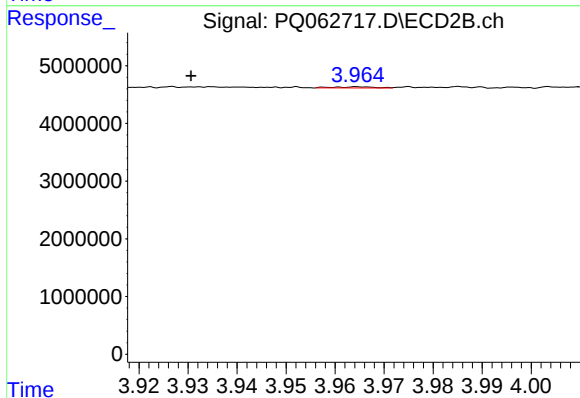
R.T.: 3.773 min
Delta R.T.: 0.003 min
Response: 110594
Conc: 0.75 ng/ml



#5 AR-1016-3

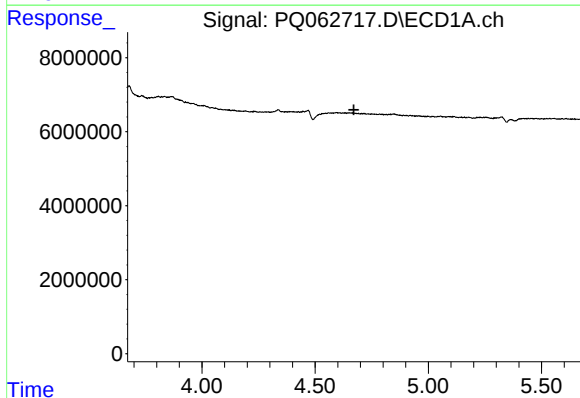
R.T.: 4.594 min
Delta R.T.: 0.015 min
Response: 262633
Conc: 1.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



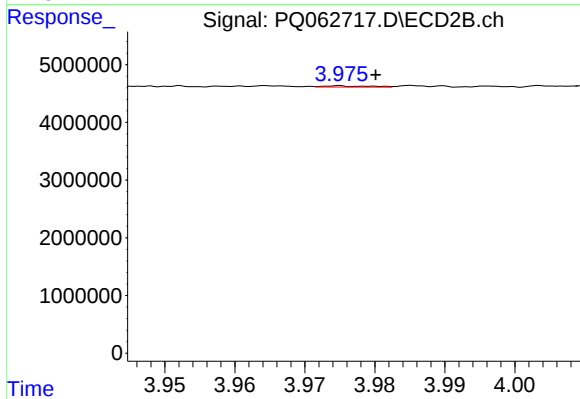
#5 AR-1016-3

R.T.: 3.965 min
Delta R.T.: 0.034 min
Response: 116966
Conc: 1.48 ng/ml



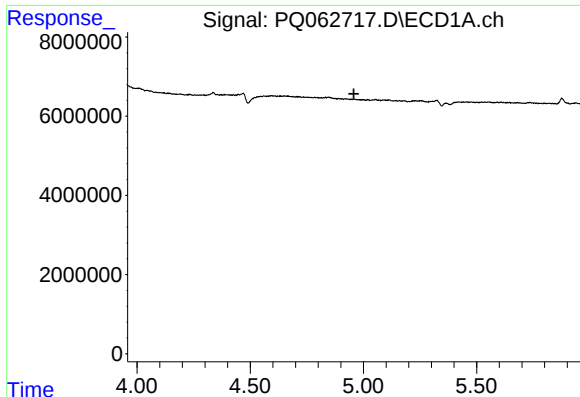
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 4.671 min
Response: 0
Conc: N.D.



#6 AR-1016-4

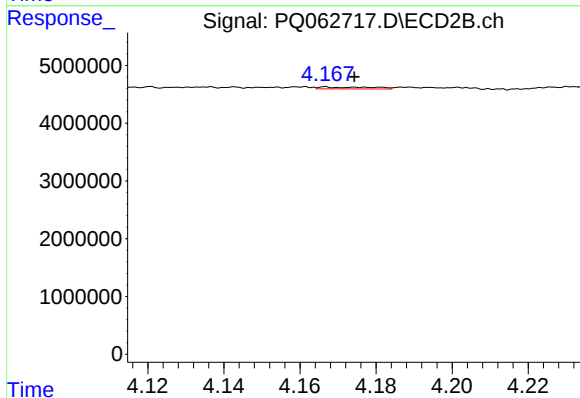
R.T.: 3.975 min
Delta R.T.: -0.005 min
Response: 91012
Conc: 1.39 ng/ml



#7 AR-1016-5

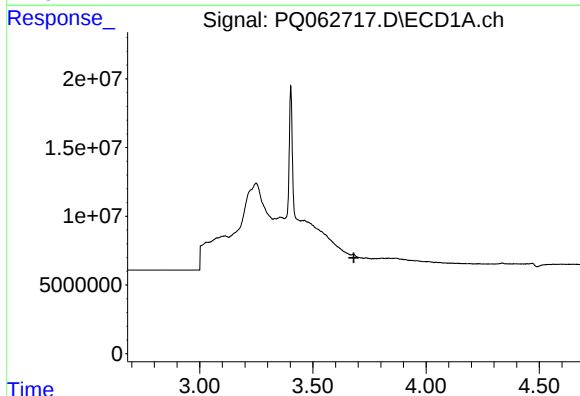
R.T.: 0.000 min
Exp R.T.: 4.958 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



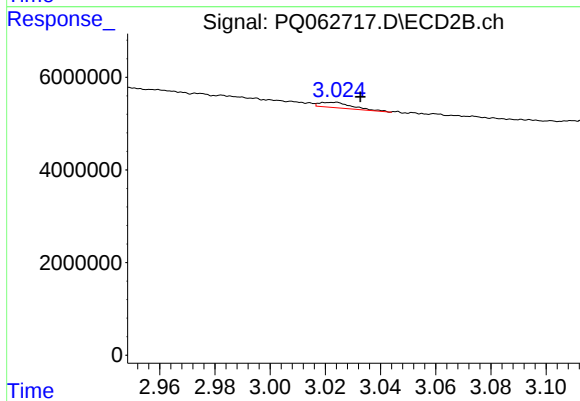
#7 AR-1016-5

R.T.: 4.167 min
Delta R.T.: -0.008 min
Response: 328816
Conc: 4.09 ng/ml



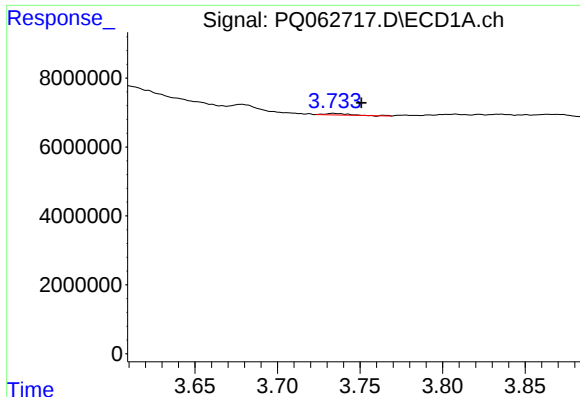
#9 AR-1221-2

R.T.: 3.678 min
Delta R.T.: -0.003 min
Response: -183222
Conc: N.D.



#9 AR-1221-2

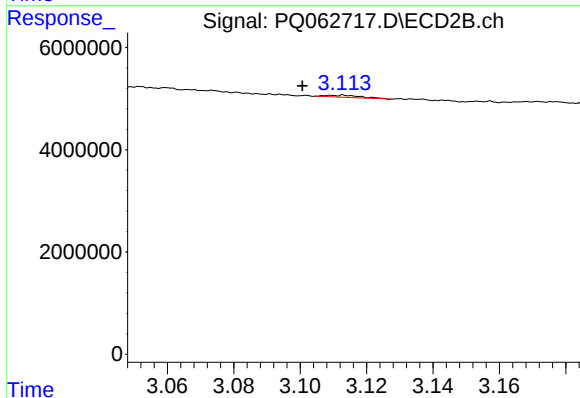
R.T.: 3.024 min
Delta R.T.: -0.009 min
Response: 958538
Conc: 31.34 ng/ml



#10 AR-1221-3

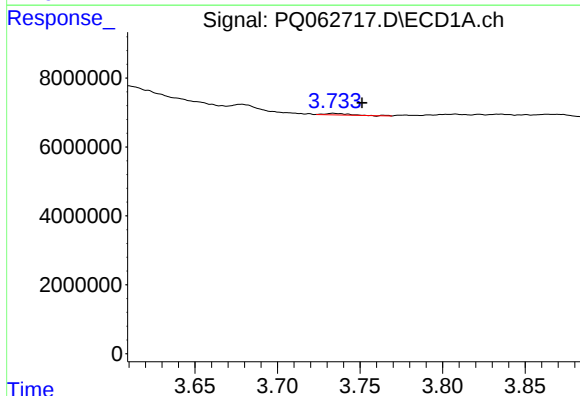
R.T.: 3.734 min
Delta R.T.: -0.017 min
Response: 419911
Conc: 3.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



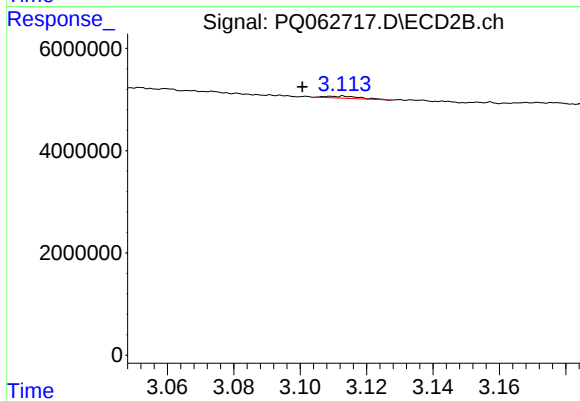
#10 AR-1221-3

R.T.: 3.113 min
Delta R.T.: 0.012 min
Response: 305069
Conc: 3.13 ng/ml



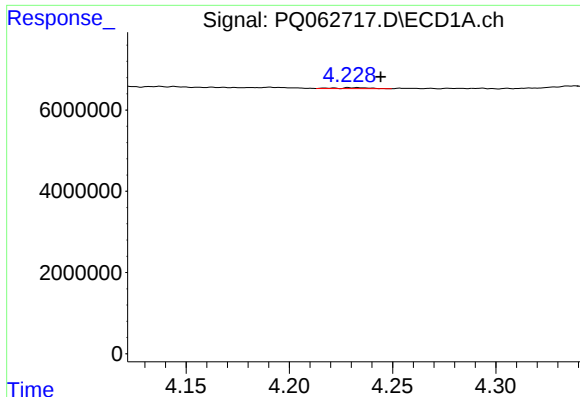
#11 AR-1232-1

R.T.: 3.734 min
Delta R.T.: -0.018 min
Response: 419911
Conc: 3.73 ng/ml



#11 AR-1232-1

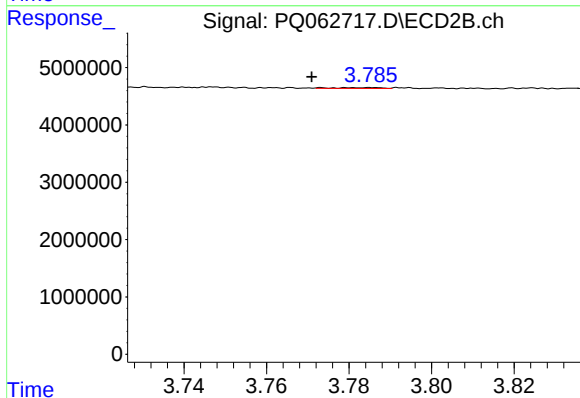
R.T.: 3.113 min
Delta R.T.: 0.012 min
Response: 305069
Conc: 3.87 ng/ml



#12 AR-1232-2

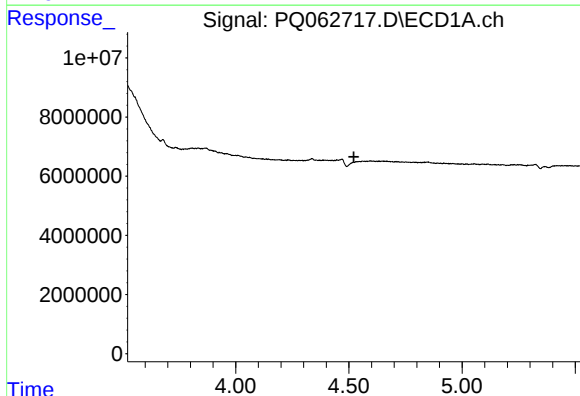
R.T.: 4.232 min
Delta R.T.: -0.012 min
Response: 247852
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



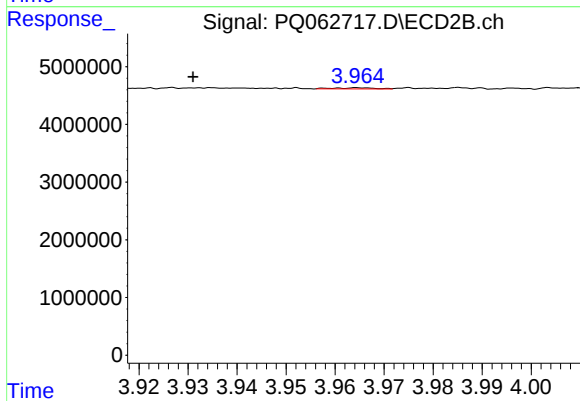
#12 AR-1232-2

R.T.: 3.773 min
Delta R.T.: 0.002 min
Response: 110594
Conc: 1.59 ng/ml



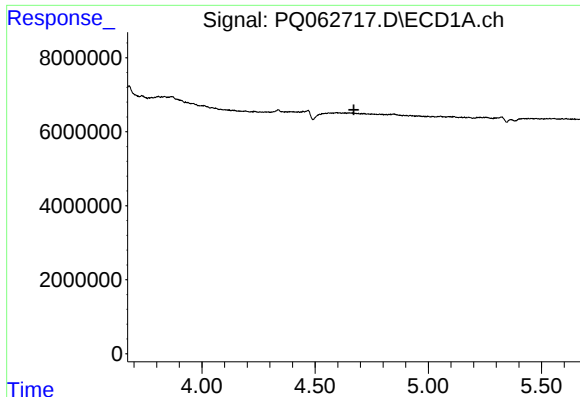
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.522 min
Response: 0
Conc: N.D.



#13 AR-1232-3

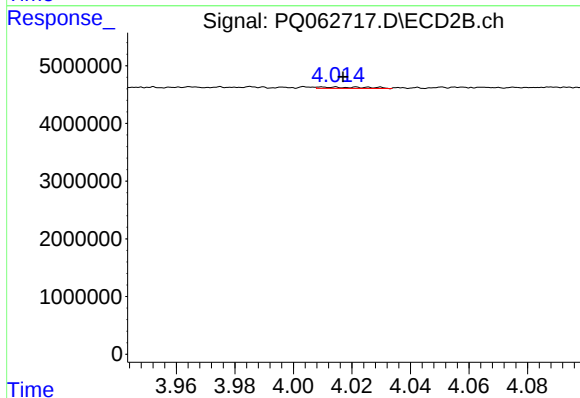
R.T.: 3.965 min
Delta R.T.: 0.034 min
Response: 116966
Conc: 3.31 ng/ml



#14 AR-1232-4

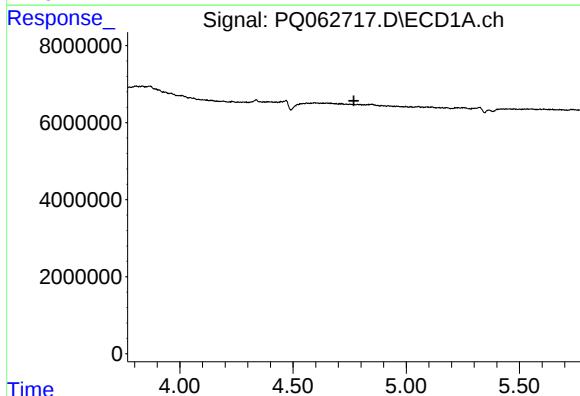
R.T.: 0.000 min
Exp R.T.: 4.671 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



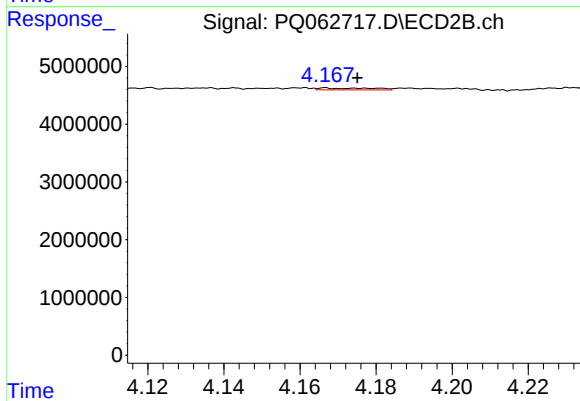
#14 AR-1232-4

R.T.: 4.010 min
Delta R.T.: -0.007 min
Response: 268884
Conc: 8.92 ng/ml



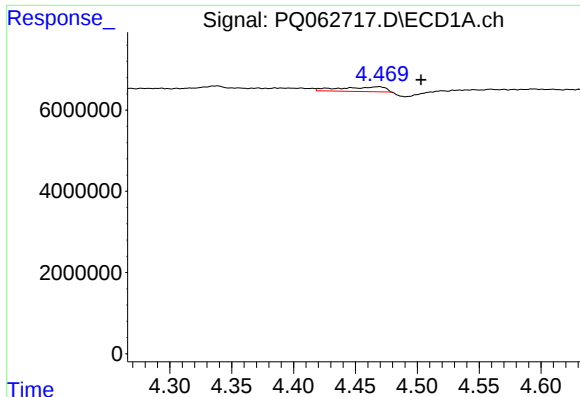
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 4.769 min
Response: 0
Conc: N.D.



#15 AR-1232-5

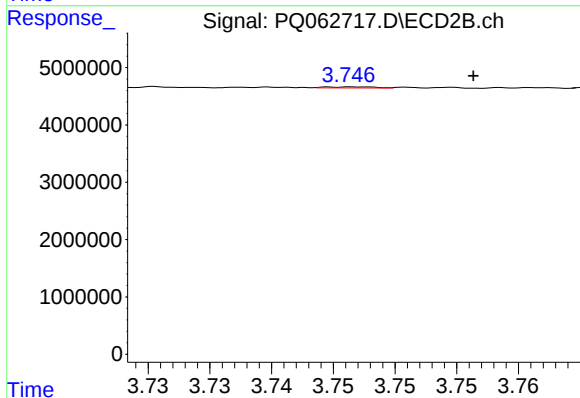
R.T.: 4.167 min
Delta R.T.: -0.008 min
Response: 328816
Conc: 8.88 ng/ml



#16 AR-1242-1

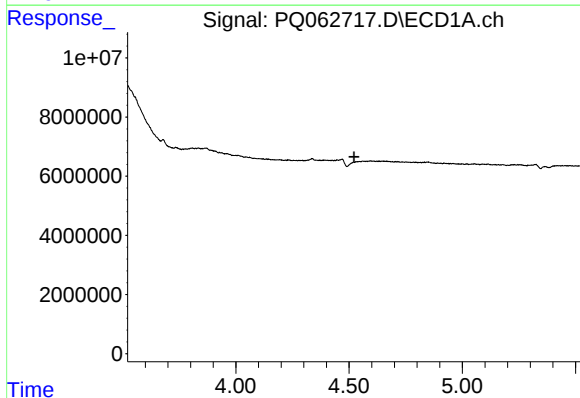
R.T.: 4.468 min
Delta R.T.: -0.035 min
Response: 2950990
Conc: 22.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



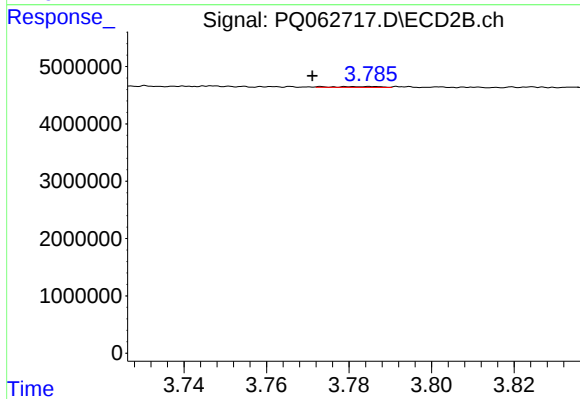
#16 AR-1242-1

R.T.: 3.747 min
Delta R.T.: -0.009 min
Response: 52264
Conc: 0.58 ng/ml



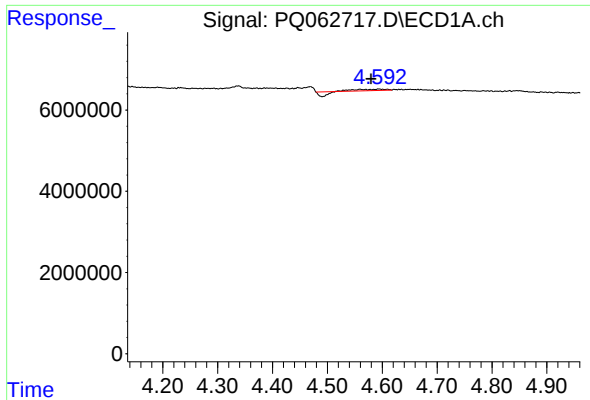
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.522 min
Response: 0
Conc: N.D.



#17 AR-1242-2

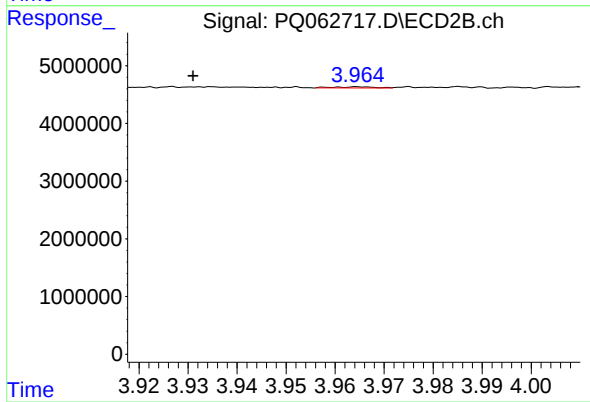
R.T.: 3.773 min
Delta R.T.: 0.002 min
Response: 110594
Conc: 0.84 ng/ml



#18 AR-1242-3

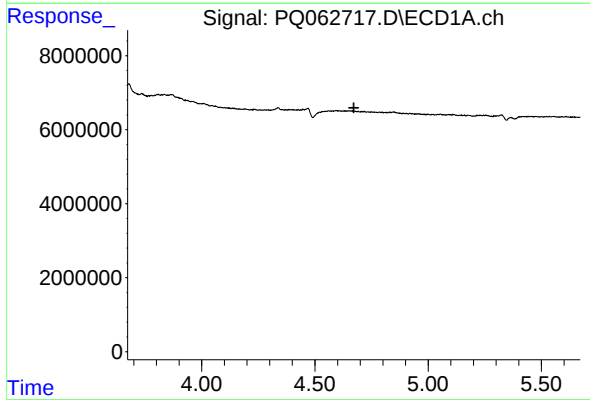
R.T.: 4.594 min
Delta R.T.: 0.014 min
Response: 262633
Conc: 2.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



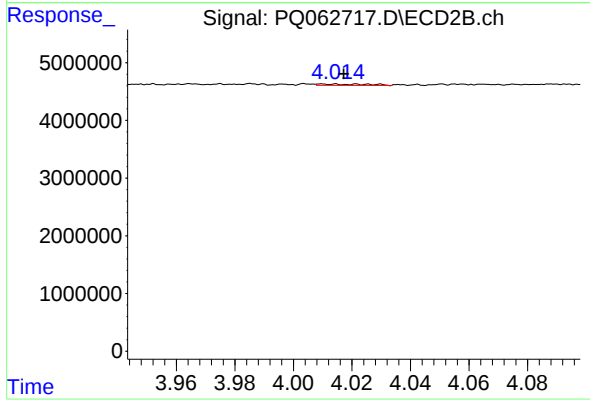
#18 AR-1242-3

R.T.: 3.965 min
Delta R.T.: 0.034 min
Response: 116966
Conc: 1.68 ng/ml



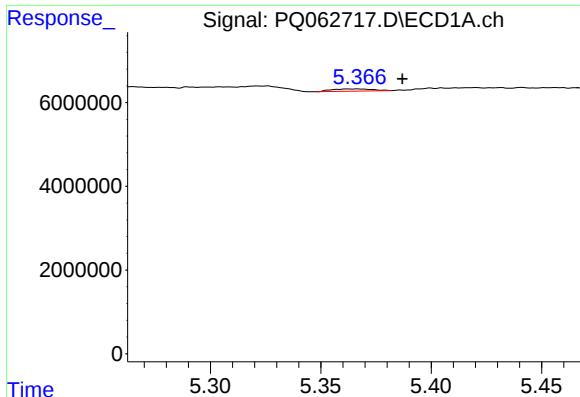
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.672 min
Response: 0
Conc: N.D.



#19 AR-1242-4

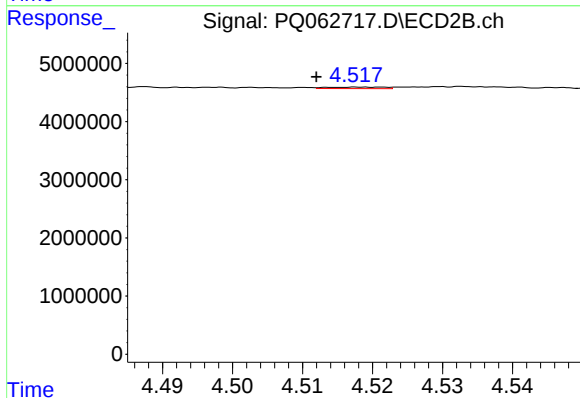
R.T.: 4.010 min
Delta R.T.: -0.008 min
Response: 268884
Conc: 4.19 ng/ml



#20 AR-1242-5

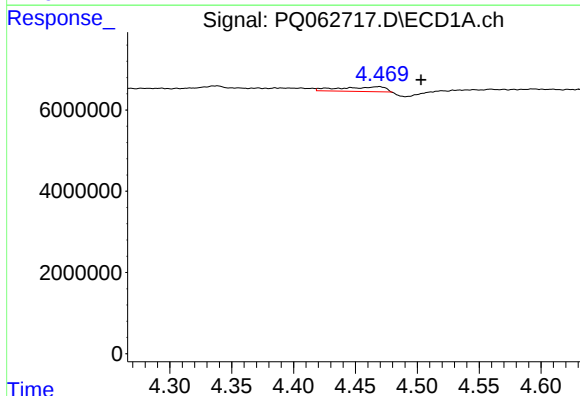
R.T.: 5.365 min
Delta R.T.: -0.022 min
Response: 696995
Conc: 6.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



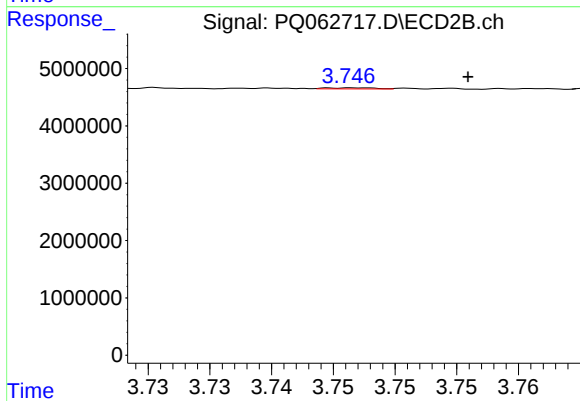
#20 AR-1242-5

R.T.: 4.518 min
Delta R.T.: 0.006 min
Response: 146909
Conc: 1.79 ng/ml



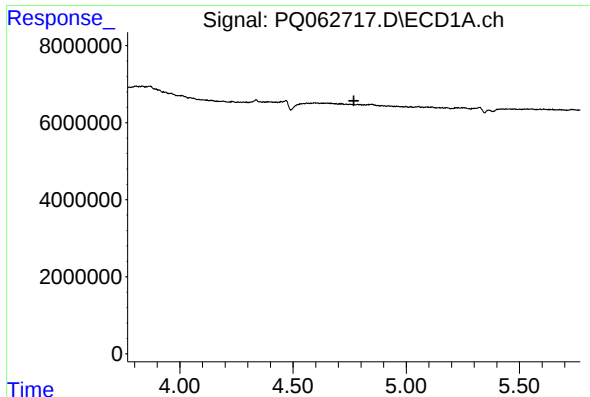
#21 AR-1248-1

R.T.: 4.468 min
Delta R.T.: -0.035 min
Response: 2950990
Conc: 30.12 ng/ml



#21 AR-1248-1

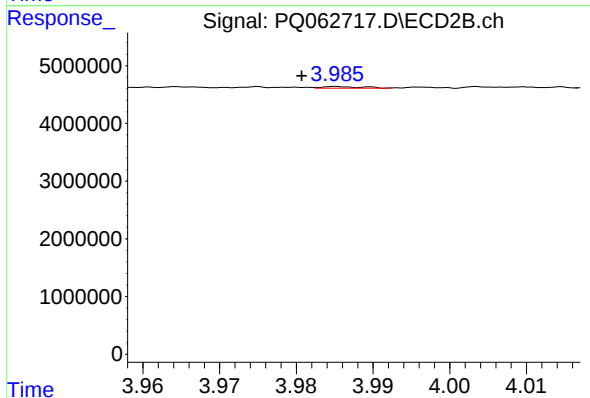
R.T.: 3.747 min
Delta R.T.: -0.009 min
Response: 52264
Conc: 0.78 ng/ml



#22 AR-1248-2

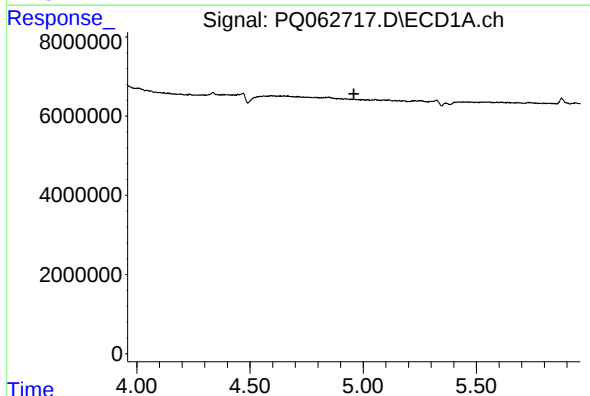
R.T.: 0.000 min
Exp R.T.: 4.769 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



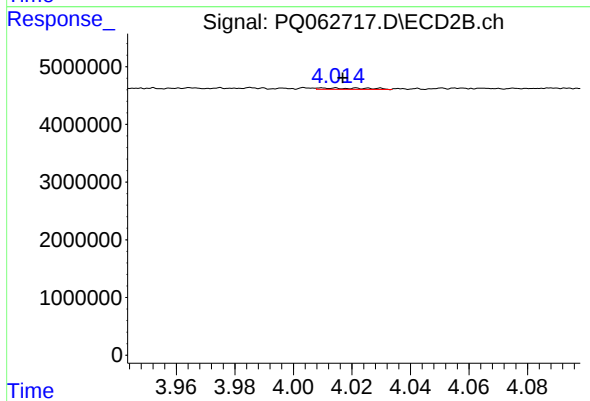
#22 AR-1248-2

R.T.: 3.985 min
Delta R.T.: 0.005 min
Response: 101651
Conc: 1.08 ng/ml



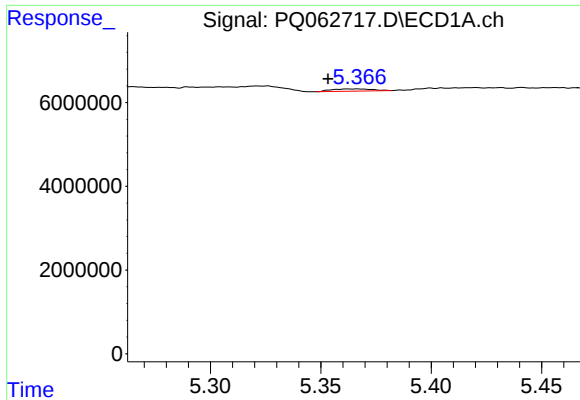
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 4.959 min
Response: 0
Conc: N.D.



#23 AR-1248-3

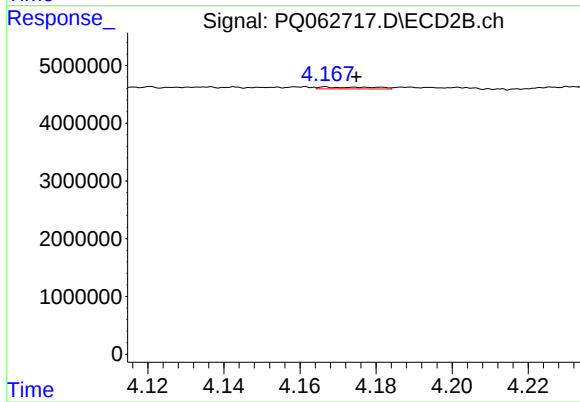
R.T.: 4.010 min
Delta R.T.: -0.007 min
Response: 268884
Conc: 3.00 ng/ml



#24 AR-1248-4

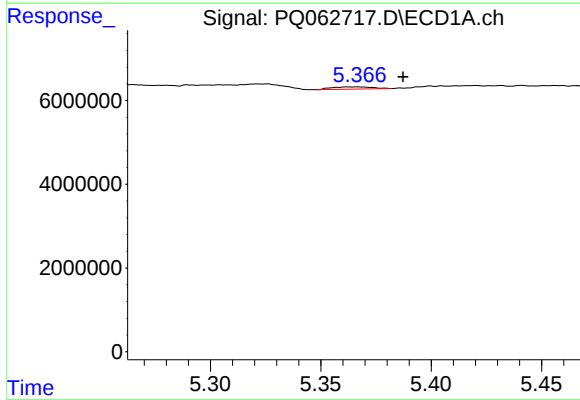
R.T.: 5.365 min
Delta R.T.: 0.012 min
Response: 696995
Conc: 3.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



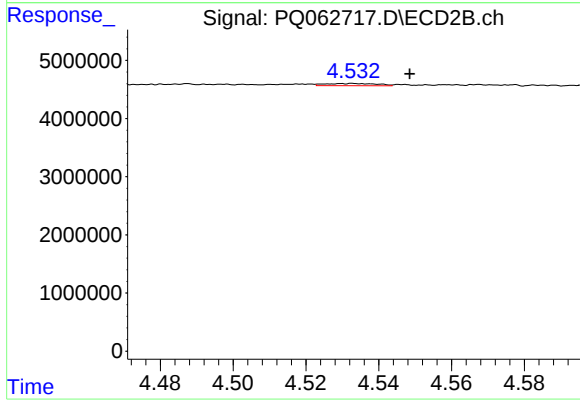
#24 AR-1248-4

R.T.: 4.167 min
Delta R.T.: -0.008 min
Response: 328816
Conc: 2.97 ng/ml



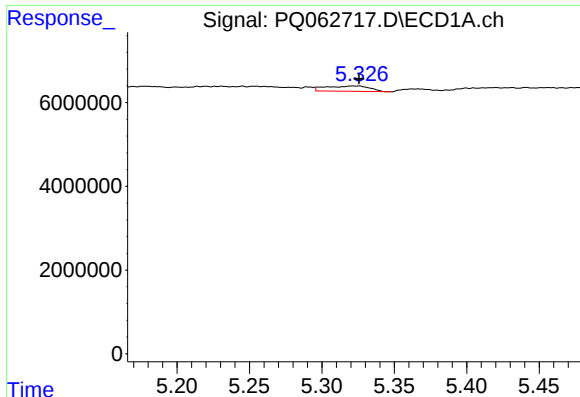
#25 AR-1248-5

R.T.: 5.365 min
Delta R.T.: -0.022 min
Response: 696995
Conc: 3.72 ng/ml



#25 AR-1248-5

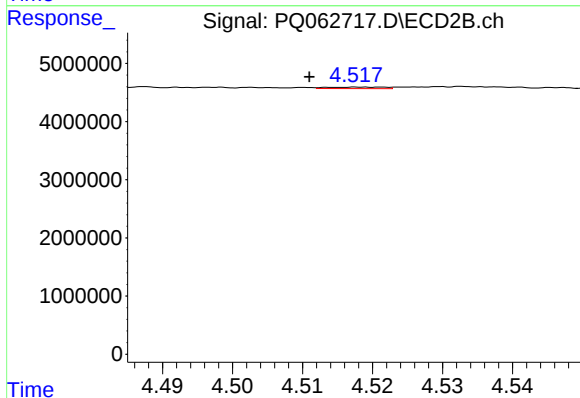
R.T.: 4.533 min
Delta R.T.: -0.016 min
Response: 374836
Conc: 3.37 ng/ml



#26 AR-1254-1

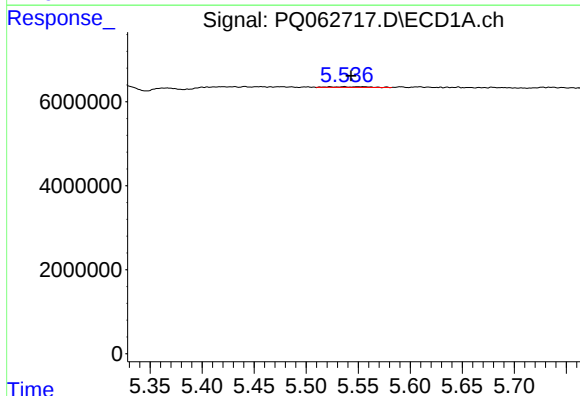
R.T.: 5.323 min
Delta R.T.: -0.003 min
Response: 2668753
Conc: 13.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



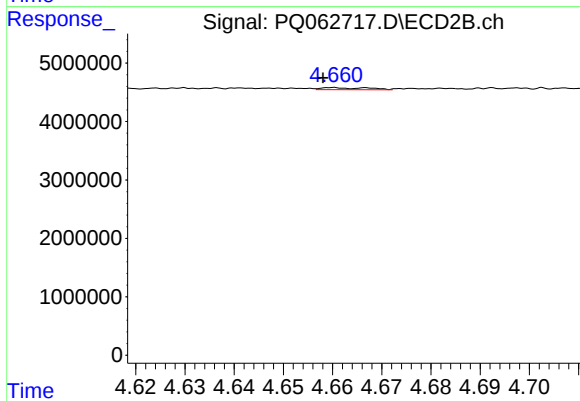
#26 AR-1254-1

R.T.: 4.518 min
Delta R.T.: 0.007 min
Response: 146909
Conc: 0.89 ng/ml



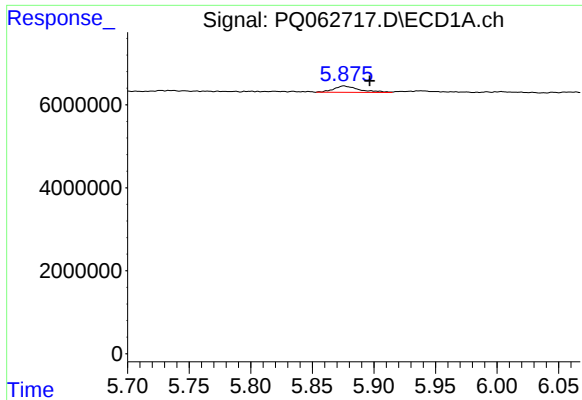
#27 AR-1254-2

R.T.: 5.536 min
Delta R.T.: -0.007 min
Response: 477363
Conc: 1.56 ng/ml



#27 AR-1254-2

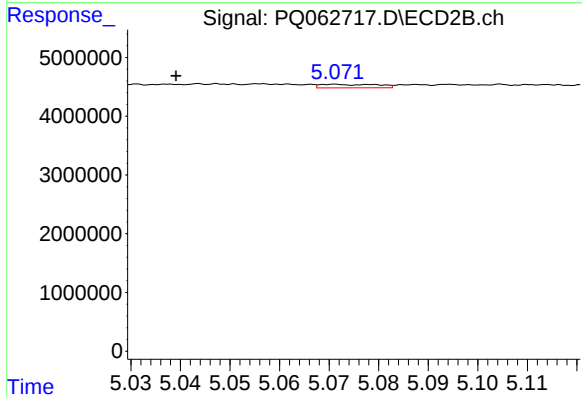
R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 237218
Conc: 1.64 ng/ml



#28 AR-1254-3

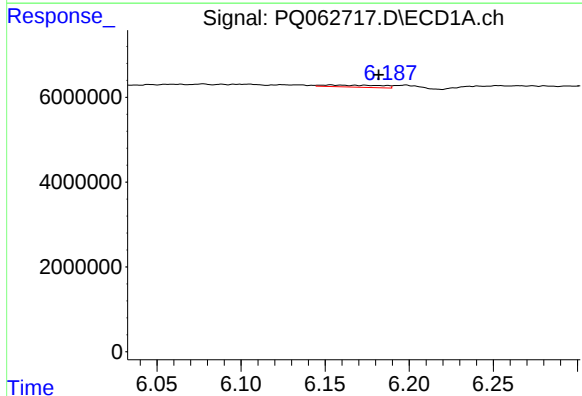
R.T.: 5.876 min
Delta R.T.: -0.021 min
Response: 2216920
Conc: 6.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



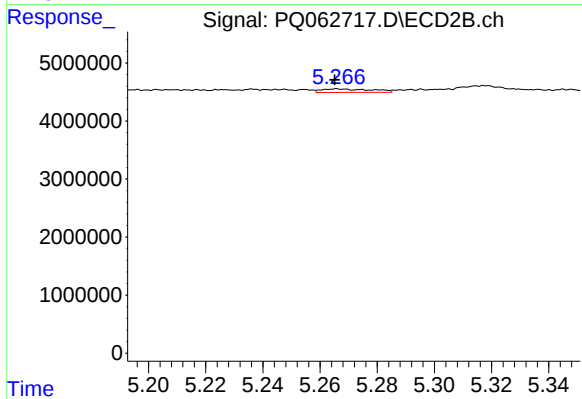
#28 AR-1254-3

R.T.: 5.071 min
Delta R.T.: 0.031 min
Response: 482756
Conc: 2.13 ng/ml



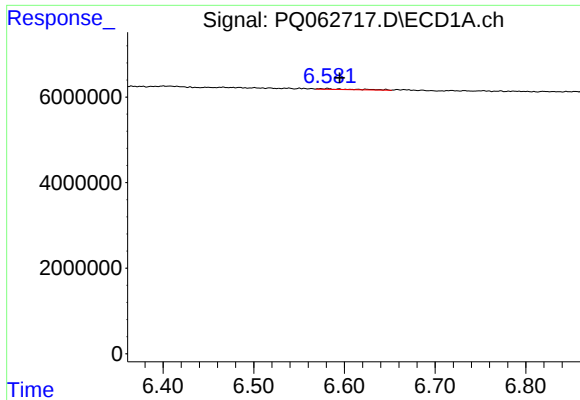
#29 AR-1254-4

R.T.: 6.153 min
Delta R.T.: -0.029 min
Response: 1159712
Conc: 4.76 ng/ml



#29 AR-1254-4

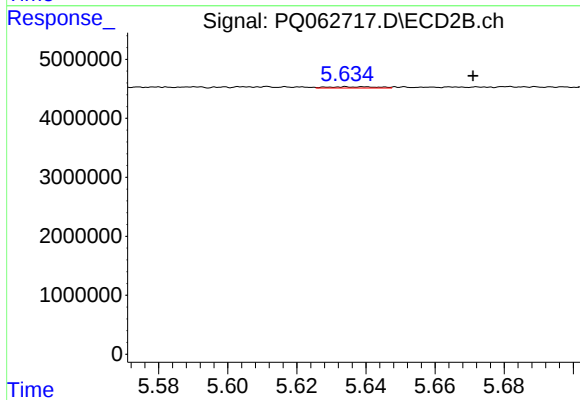
R.T.: 5.266 min
Delta R.T.: 0.001 min
Response: 722569
Conc: 4.88 ng/ml



#30 AR-1254-5

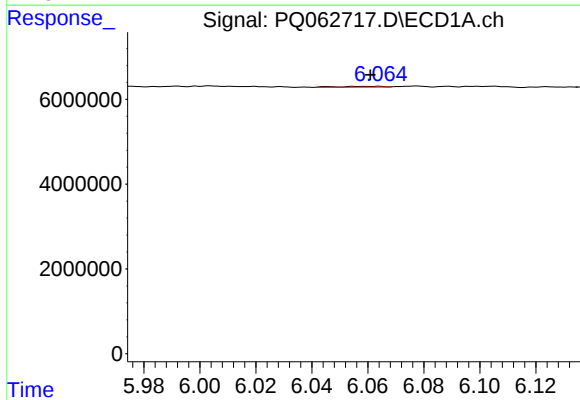
R.T.: 6.581 min
Delta R.T.: -0.014 min
Response: 505898
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



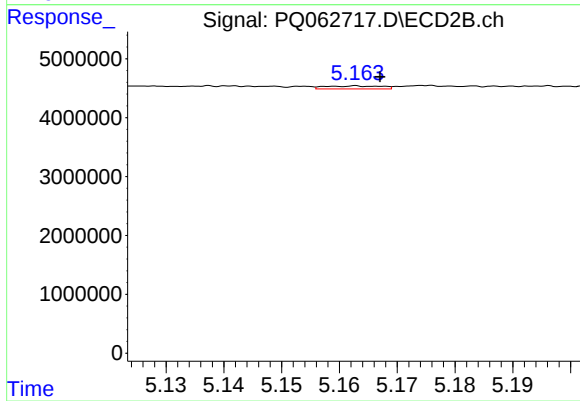
#30 AR-1254-5

R.T.: 5.634 min
Delta R.T.: -0.037 min
Response: 206820
Conc: 0.99 ng/ml



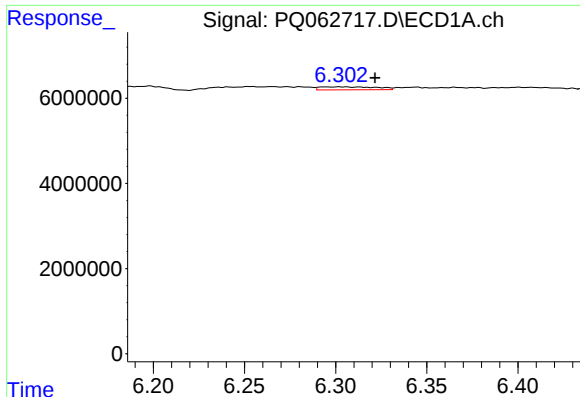
#31 AR-1260-1

R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 228020
Conc: 0.98 ng/ml



#31 AR-1260-1

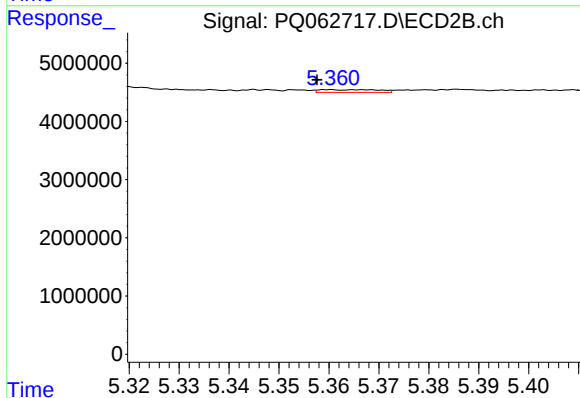
R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 341851
Conc: 2.22 ng/ml



#32 AR-1260-2

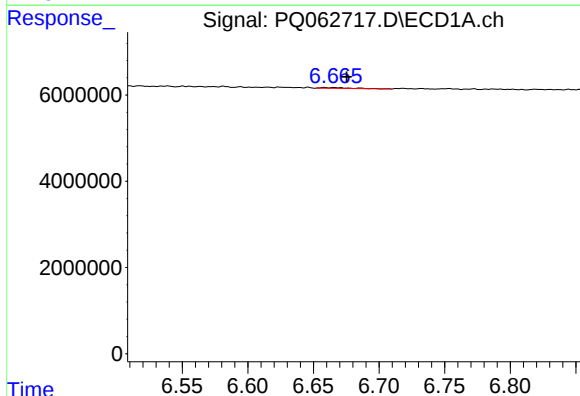
R.T.: 6.302 min
Delta R.T.: -0.020 min
Response: 1545847
Conc: 5.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



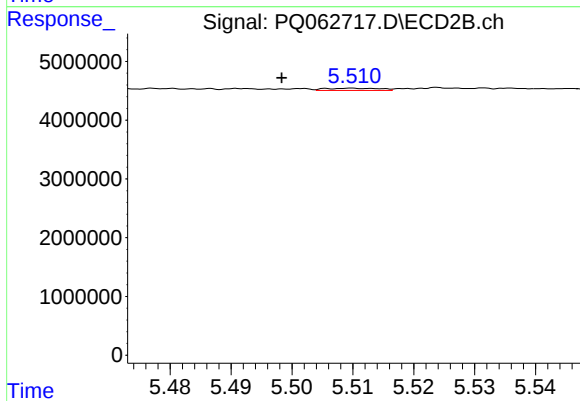
#32 AR-1260-2

R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 382089
Conc: 2.04 ng/ml



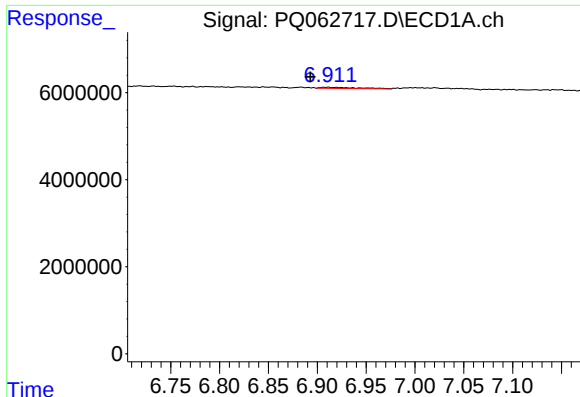
#33 AR-1260-3

R.T.: 6.666 min
Delta R.T.: -0.009 min
Response: 313618
Conc: 1.56 ng/ml



#33 AR-1260-3

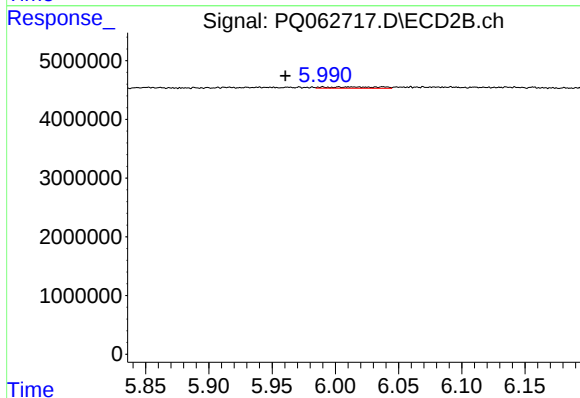
R.T.: 5.511 min
Delta R.T.: 0.012 min
Response: 230413
Conc: 1.29 ng/ml



#34 AR-1260-4

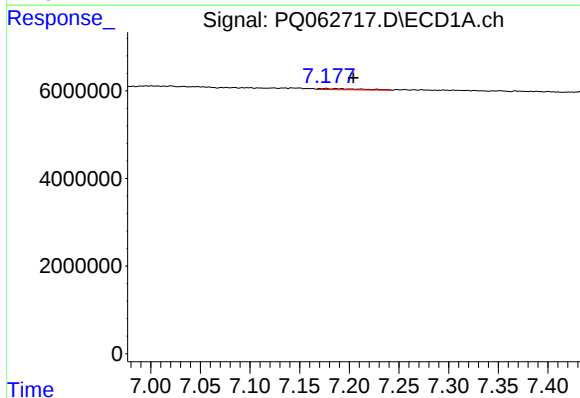
R.T.: 6.910 min
Delta R.T.: 0.017 min
Response: 731252
Conc: 3.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



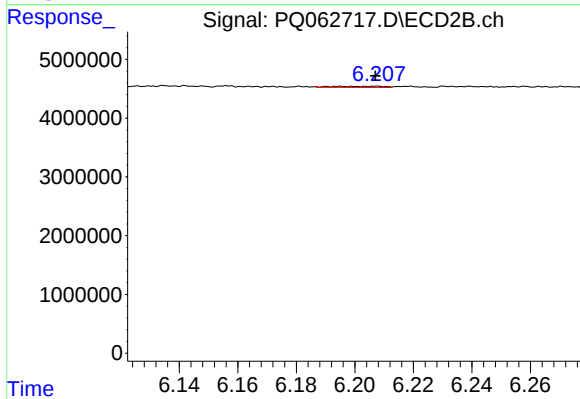
#34 AR-1260-4

R.T.: 5.990 min
Delta R.T.: 0.030 min
Response: 650963
Conc: 4.37 ng/ml



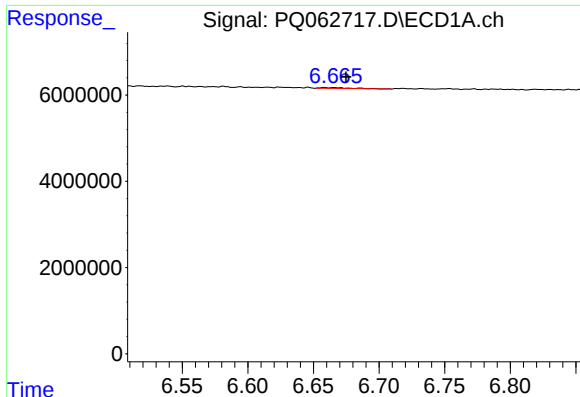
#35 AR-1260-5

R.T.: 7.176 min
Delta R.T.: -0.028 min
Response: 721964
Conc: 1.57 ng/ml



#35 AR-1260-5

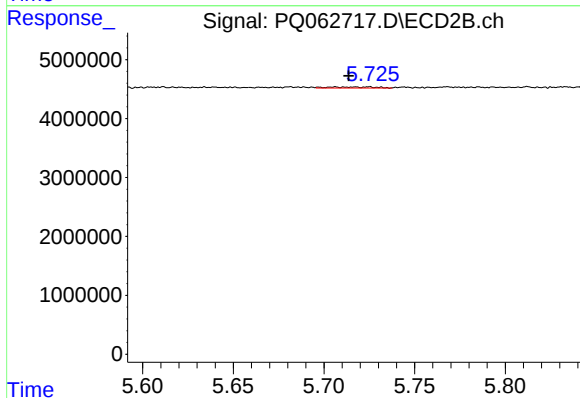
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 222677
Conc: 0.66 ng/ml



#36 AR-1262-1

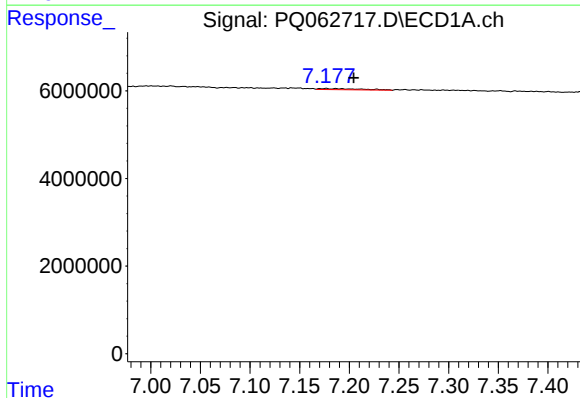
R.T.: 6.666 min
Delta R.T.: -0.009 min
Response: 313618
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



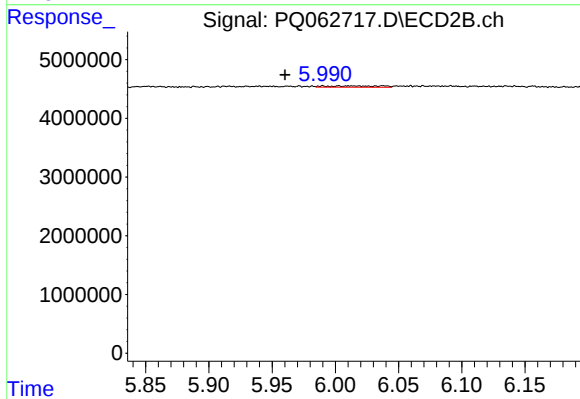
#36 AR-1262-1

R.T.: 5.725 min
Delta R.T.: 0.011 min
Response: 328586
Conc: 1.53 ng/ml



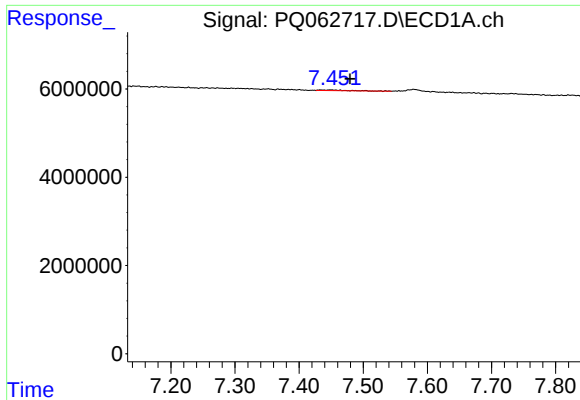
#37 AR-1262-2

R.T.: 7.176 min
Delta R.T.: -0.029 min
Response: 721964
Conc: 1.33 ng/ml



#37 AR-1262-2

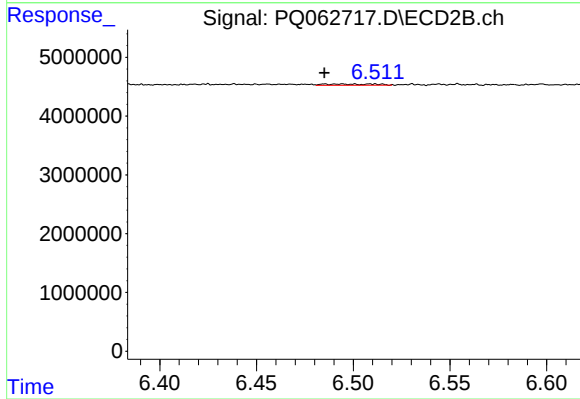
R.T.: 5.990 min
Delta R.T.: 0.030 min
Response: 650963
Conc: 3.29 ng/ml



#38 AR-1262-3

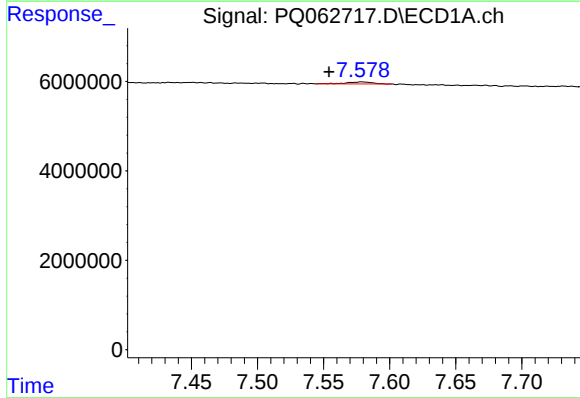
R.T.: 7.434 min
Delta R.T.: -0.046 min
Response: 444819
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



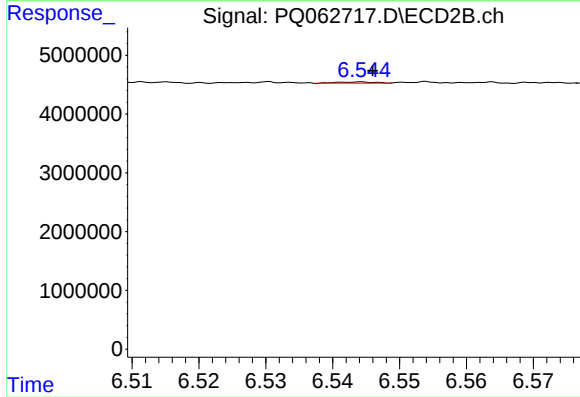
#38 AR-1262-3

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 388624
Conc: 2.38 ng/ml



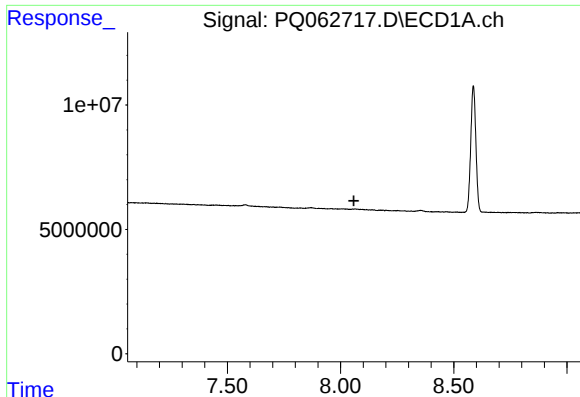
#39 AR-1262-4

R.T.: 7.579 min
Delta R.T.: 0.025 min
Response: 559905
Conc: 2.01 ng/ml



#39 AR-1262-4

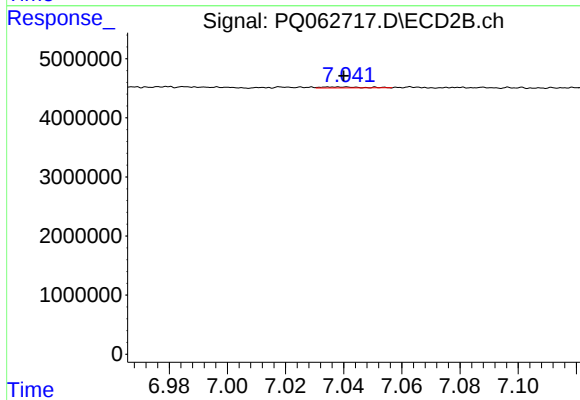
R.T.: 6.544 min
Delta R.T.: -0.002 min
Response: 79650
Conc: 0.27 ng/ml



#40 AR-1262-5

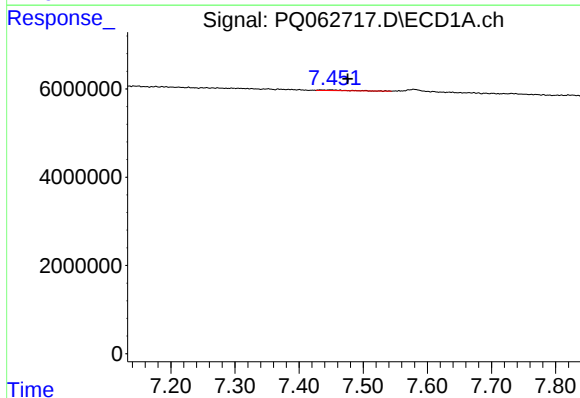
R.T.: 0.000 min
Exp R.T.: 8.059 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



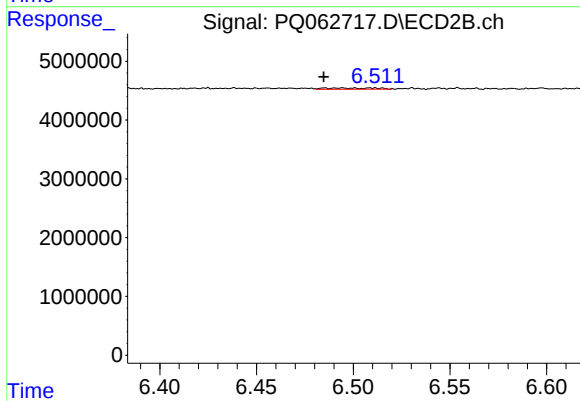
#40 AR-1262-5

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 138141
Conc: 0.92 ng/ml



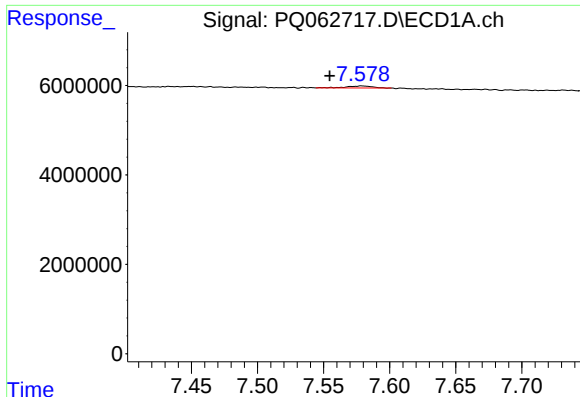
#41 AR-1268-1

R.T.: 7.434 min
Delta R.T.: -0.042 min
Response: 444819
Conc: 0.70 ng/ml



#41 AR-1268-1

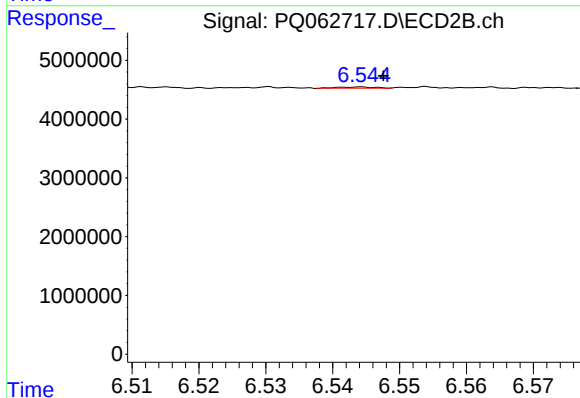
R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 388624
Conc: 0.82 ng/ml



#42 AR-1268-2

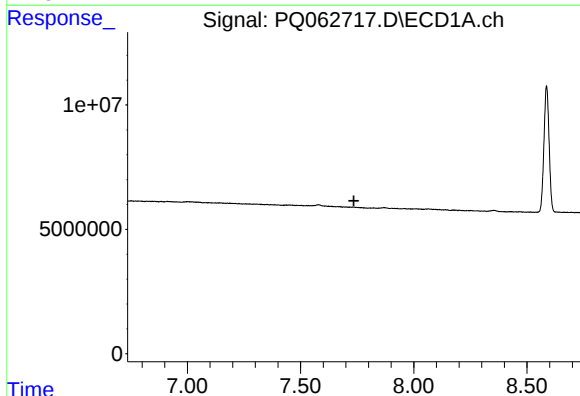
R.T.: 7.579 min
Delta R.T.: 0.024 min
Response: 559905
Conc: 0.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



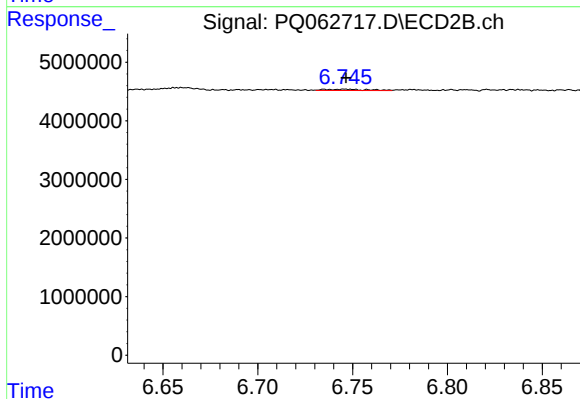
#42 AR-1268-2

R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 79650
Conc: 0.18 ng/ml



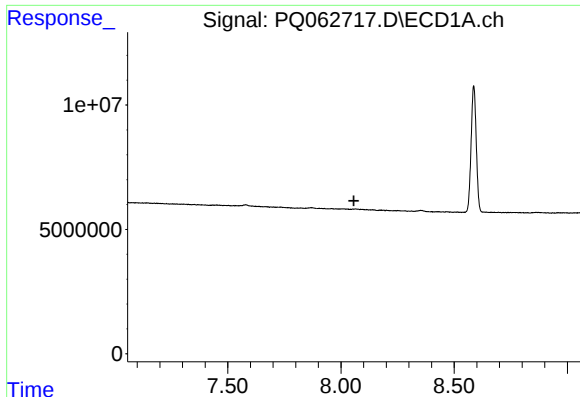
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.736 min
Response: 0
Conc: N.D.



#43 AR-1268-3

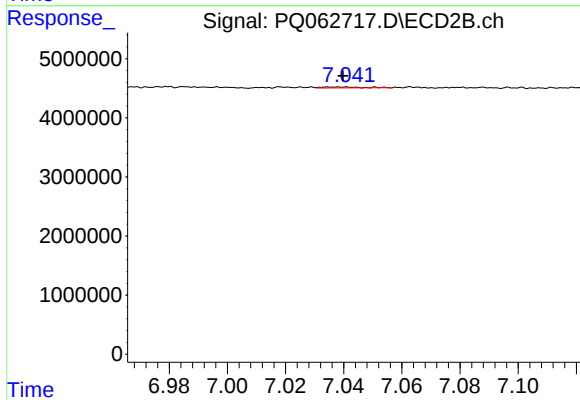
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 301637
Conc: 0.79 ng/ml



#44 AR-1268-4

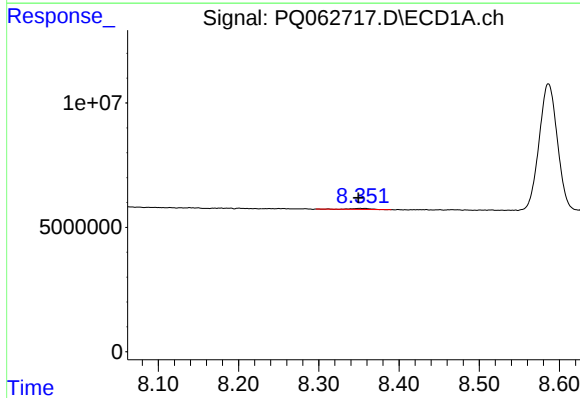
R.T.: 0.000 min
Exp R.T.: 8.057 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



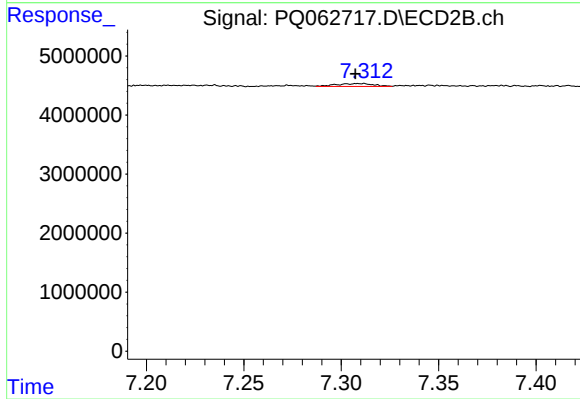
#44 AR-1268-4

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 138141
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 733273
Conc: 0.51 ng/ml



#45 AR-1268-5

R.T.: 7.309 min
Delta R.T.: 0.002 min
Response: 640978
Conc: 0.52 ng/ml