

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092019\
 Data File : PQ043696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2019 10:06
 Operator : SM\AJ
 Sample : MDL-AR1232-S-5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-AR1232-S-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 10:21:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 19 00:01:44 2019
 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

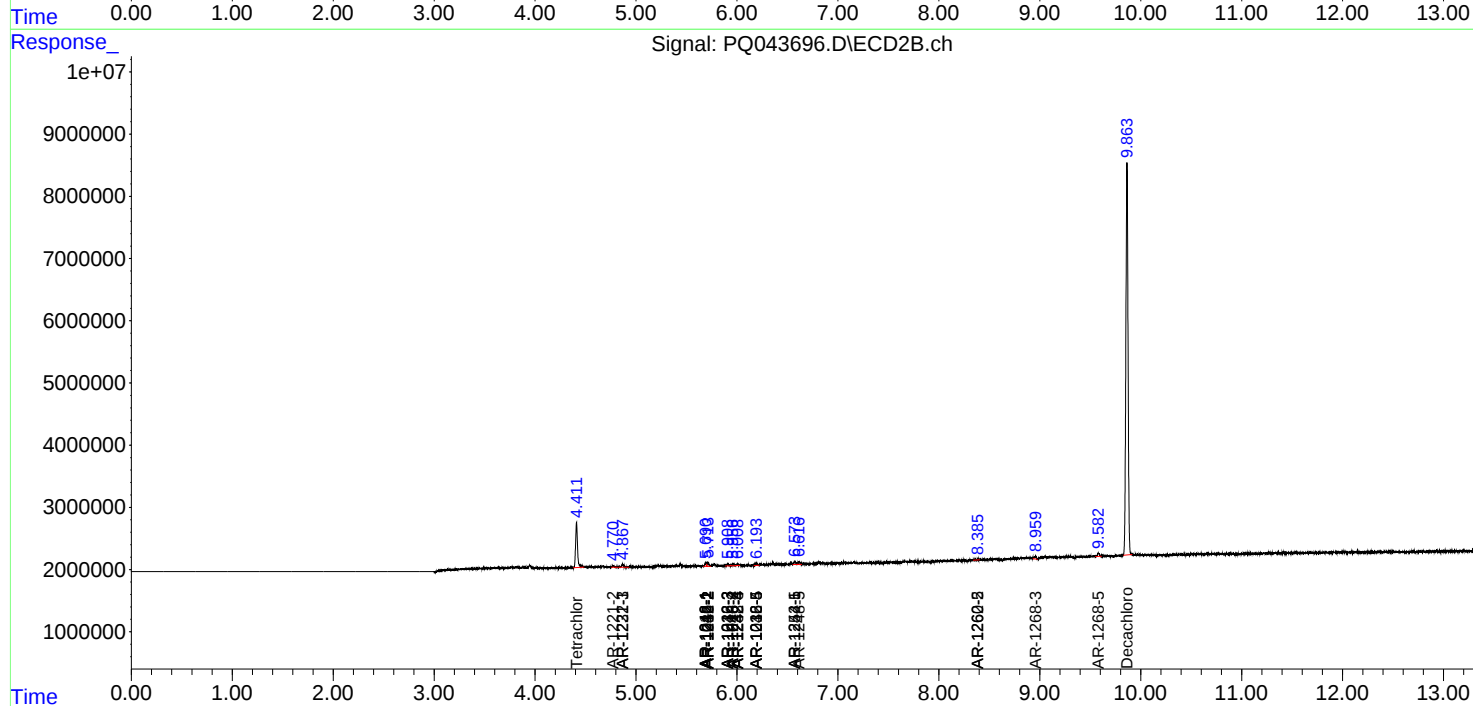
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

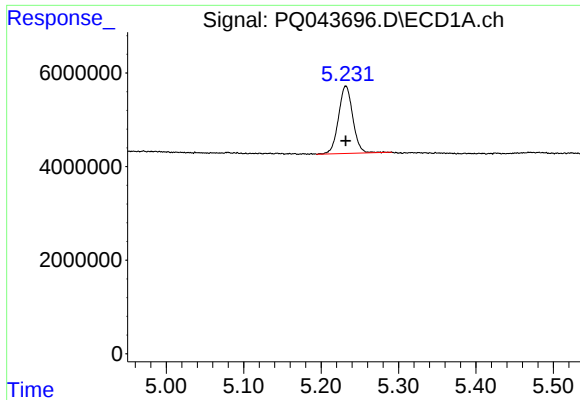
System Monitoring Compounds							
1)	SA Tetrachlo...	5.232	4.410	18895543	9589628	8.834	10.462
2)	SA Decachlor...	11.399	9.864	255.7E6	92027020	32.624	30.120
Target Compounds							
3)	L1 AR-1016-1	6.548	5.691	1336610	543606	13.670	14.327
4)	L1 AR-1016-2	6.571	5.714	1789596	784217	12.593	15.018
5)	L1 AR-1016-3	6.636	5.909	1039368	456731	12.071	16.240 #
6)	L1 AR-1016-4	6.744	5.957	806531	381393	11.022	16.254 #
7)	L1 AR-1016-5	7.061	6.193	886090	433989	11.433	13.562
8)	L2 AR-1221-1	5.480	0.000	513588	0	22.440	N.D. #
9)	L2 AR-1221-2	5.579	4.774	447165	329218	25.852	41.402 #
10)	L2 AR-1221-3	5.661	4.867	1112097	717022	18.454	26.186 #
11)	L3 AR-1232-1	5.661	4.867	1112097	717022	21.833	30.197 #
12)	L3 AR-1232-2	6.254	5.714	735630	784217	26.001	32.127
13)	L3 AR-1232-3	6.571	5.909	1789596	456731	28.342	36.014 #
14)	L3 AR-1232-4	6.744	6.004	806531	358921	24.687	32.114 #
15)	L3 AR-1232-5	6.842	6.193	809053	433989	32.446	32.167
16)	L4 AR-1242-1	6.548	5.691	1336610	543606	15.976	16.593
17)	L4 AR-1242-2	6.571	5.714	1789596	784217	14.731	17.228
18)	L4 AR-1242-3	6.636	5.909	1039368	456731	14.139	18.844 #
19)	L4 AR-1242-4	6.744	6.004	806531	358921	12.805	14.746
20)	L4 AR-1242-5	7.526	6.574	2153314	666746	23.526	19.005
21)	L5 AR-1248-1	6.548	5.691	1336610	543606	18.965	19.701
22)	L5 AR-1248-2	6.842	5.957	809053	381393	7.964	10.132 #
23)	L5 AR-1248-3	7.061	6.004	886090	358921	7.356	9.330 #
24)	L5 AR-1248-4	7.488	6.193	1685013	433989	10.534	9.221
25)	L5 AR-1248-5	7.526	6.618	2153314	541526	13.794	10.285 #
26)	L6 AR-1254-1	7.458	6.574	1391757	666746	8.344	7.681
27)	L6 AR-1254-2	7.693	0.000	2236711	0	7.722	N.D. #
28)	L6 AR-1254-3	8.074	0.000	809363	0	2.398	N.D. #
31)	L7 AR-1260-1	8.196	0.000	1123455	0	5.903	N.D. #
32)	L7 AR-1260-2	8.457	0.000	1646961	0	6.738	N.D. #
35)	L7 AR-1260-5	9.440	8.385	789689	183042	1.395	0.867 #
37)	L8 AR-1262-2	9.440	8.385	789689	183042	1.081	0.698 #
38)	L8 AR-1262-3	9.802	0.000	3111628	0	5.823	N.D. #
41)	L9 AR-1268-1	9.802	0.000	3111628	0	3.144	N.D. #
43)	L9 AR-1268-3	10.132	8.959	2250871	664462	2.835	2.022 #
45)	L9 AR-1268-5	11.036	9.582	1787281	729504	0.536	0.547

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

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5

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

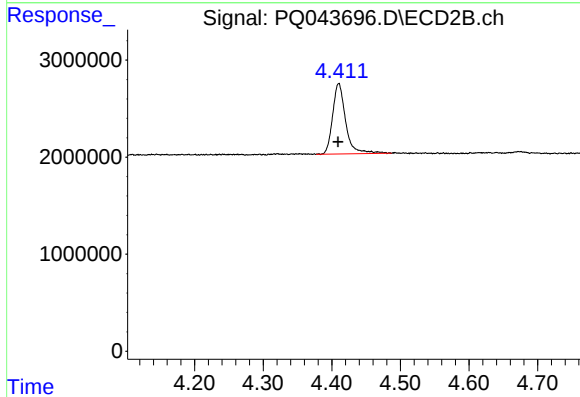




#1 Tetrachloro-m-xylene

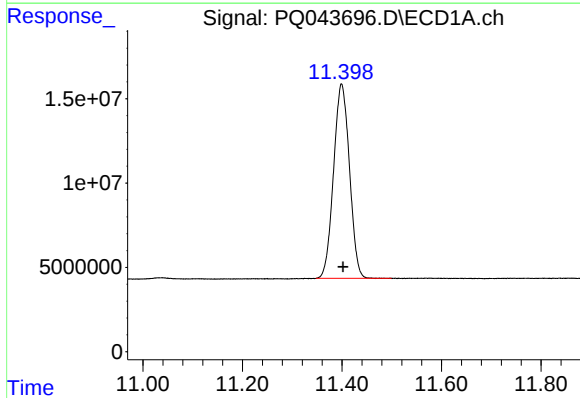
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 18895543
Conc: 8.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



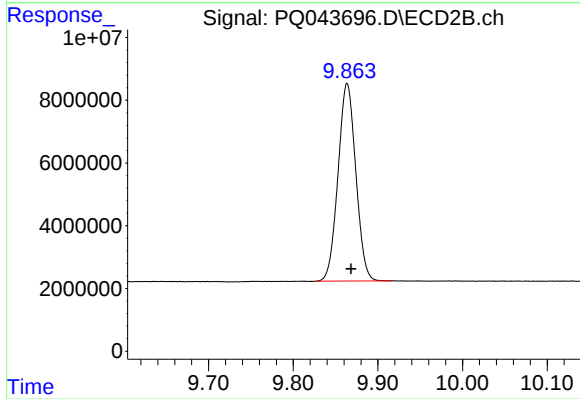
#1 Tetrachloro-m-xylene

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 9589628
Conc: 10.46 ng/ml



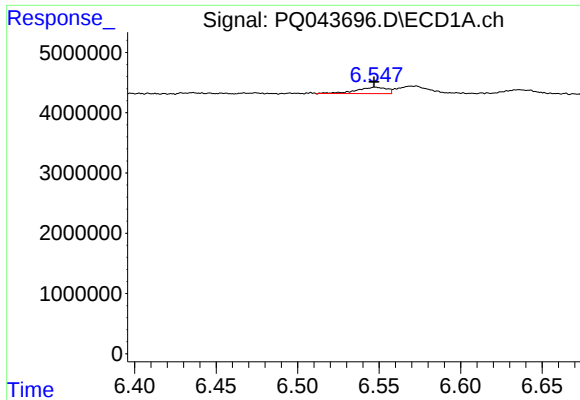
#2 Decachlorobiphenyl

R.T.: 11.399 min
Delta R.T.: -0.003 min
Response: 255685042
Conc: 32.62 ng/ml



#2 Decachlorobiphenyl

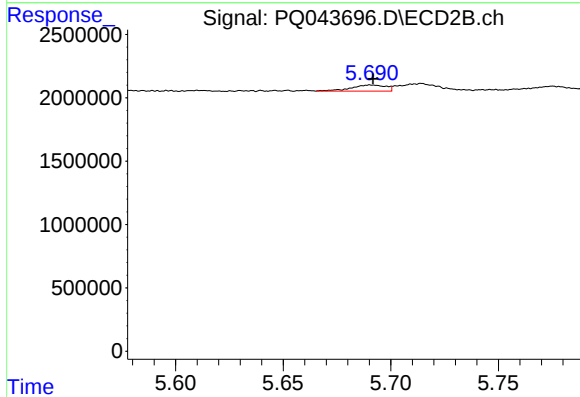
R.T.: 9.864 min
Delta R.T.: -0.005 min
Response: 92027020
Conc: 30.12 ng/ml



#3 AR-1016-1

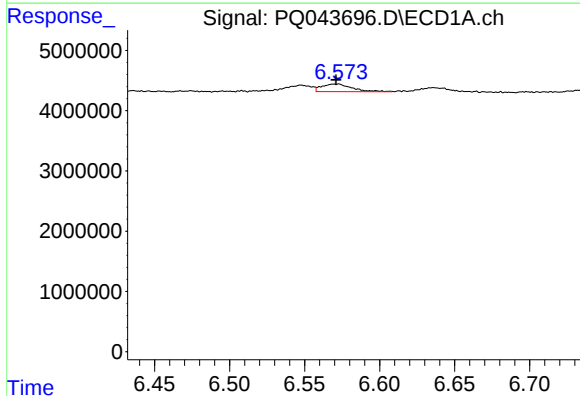
R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 1336610
Conc: 13.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



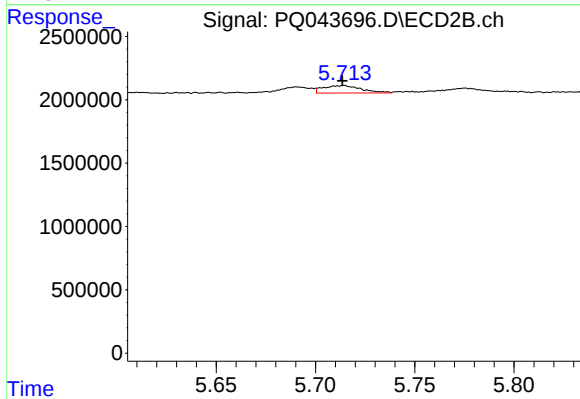
#3 AR-1016-1

R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 543606
Conc: 14.33 ng/ml



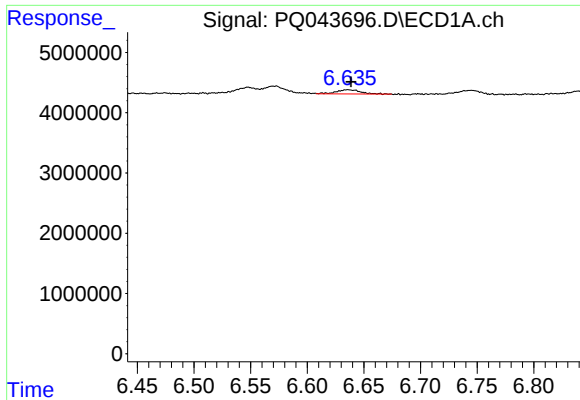
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 1789596
Conc: 12.59 ng/ml



#4 AR-1016-2

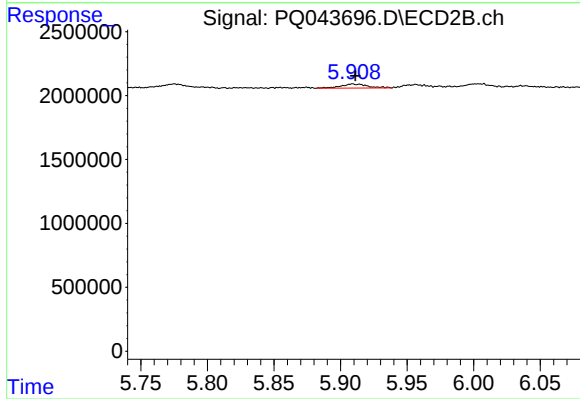
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 784217
Conc: 15.02 ng/ml



#5 AR-1016-3

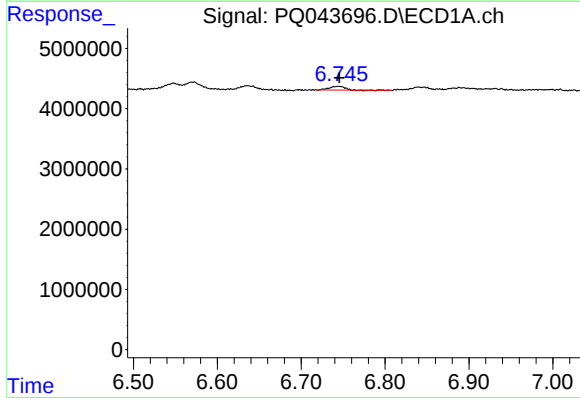
R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 1039368
Conc: 12.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



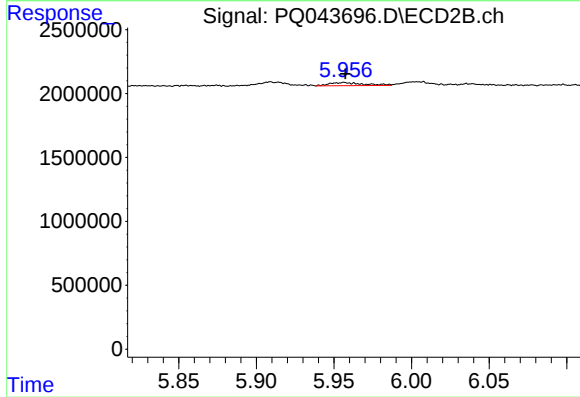
#5 AR-1016-3

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 456731
Conc: 16.24 ng/ml



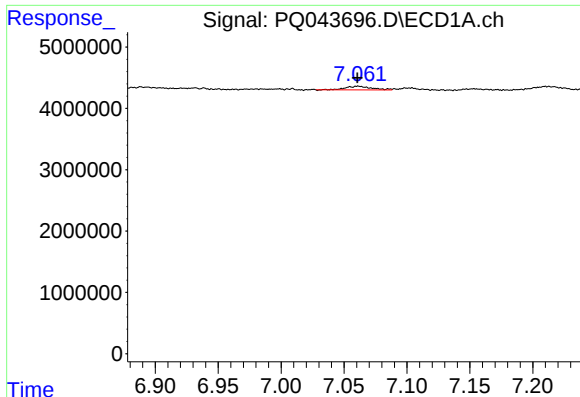
#6 AR-1016-4

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 806531
Conc: 11.02 ng/ml



#6 AR-1016-4

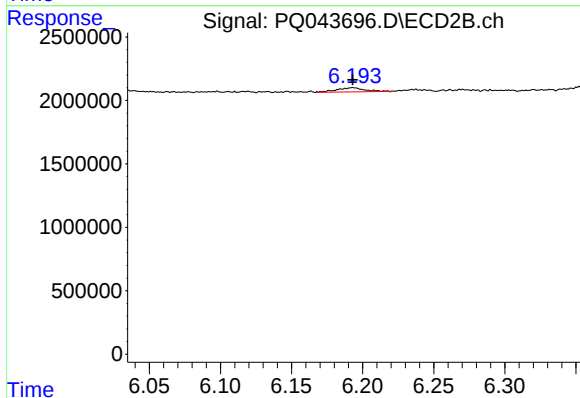
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 381393
Conc: 16.25 ng/ml



#7 AR-1016-5

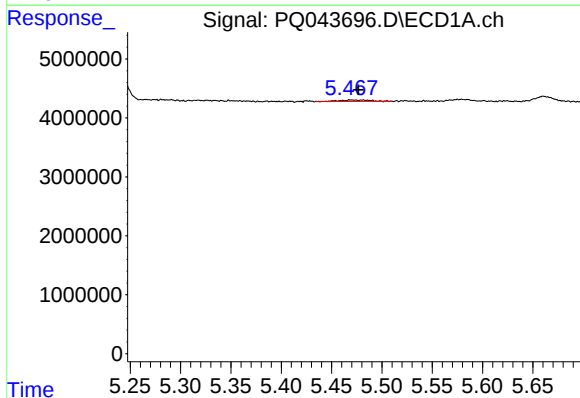
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 886090
Conc: 11.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



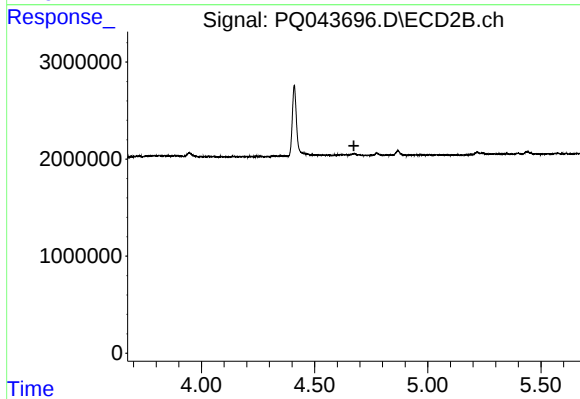
#7 AR-1016-5

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 433989
Conc: 13.56 ng/ml



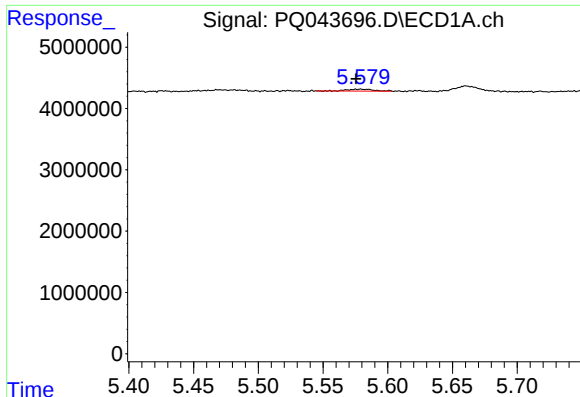
#8 AR-1221-1

R.T.: 5.480 min
Delta R.T.: 0.003 min
Response: 513588
Conc: 22.44 ng/ml



#8 AR-1221-1

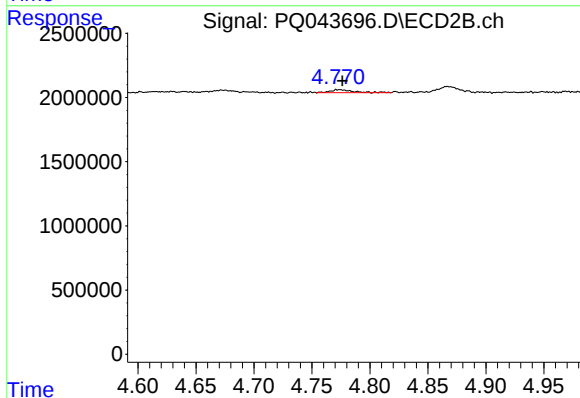
R.T.: 0.000 min
Exp R.T.: 4.673 min
Response: 0
Conc: N.D.



#9 AR-1221-2

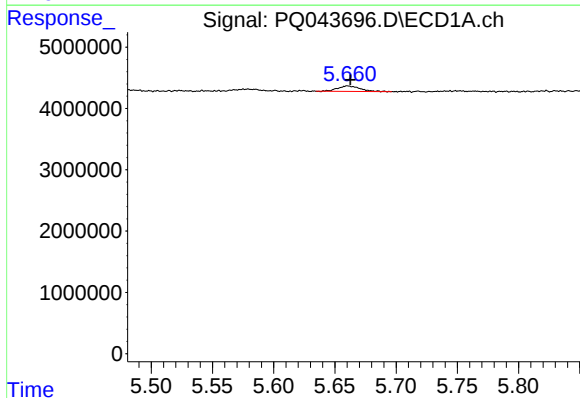
R.T.: 5.579 min
Delta R.T.: 0.003 min
Response: 447165
Conc: 25.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



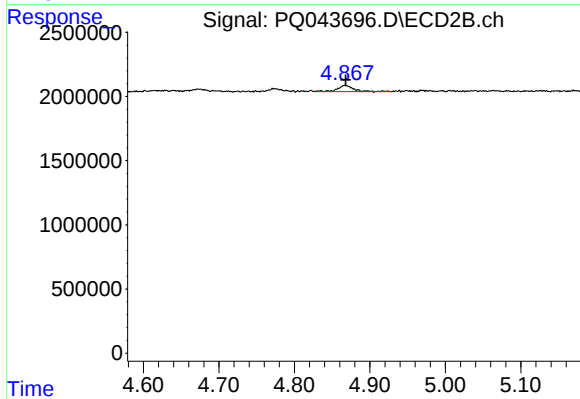
#9 AR-1221-2

R.T.: 4.774 min
Delta R.T.: -0.003 min
Response: 329218
Conc: 41.40 ng/ml



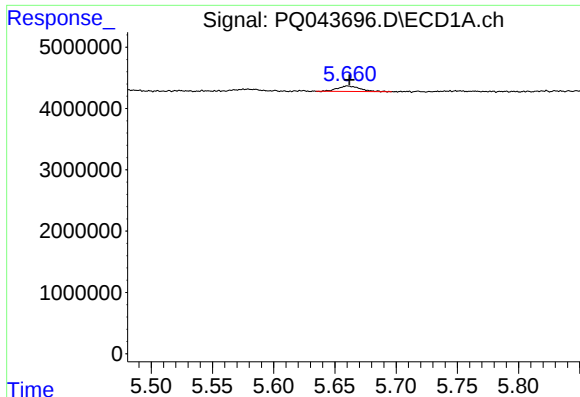
#10 AR-1221-3

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 1112097
Conc: 18.45 ng/ml



#10 AR-1221-3

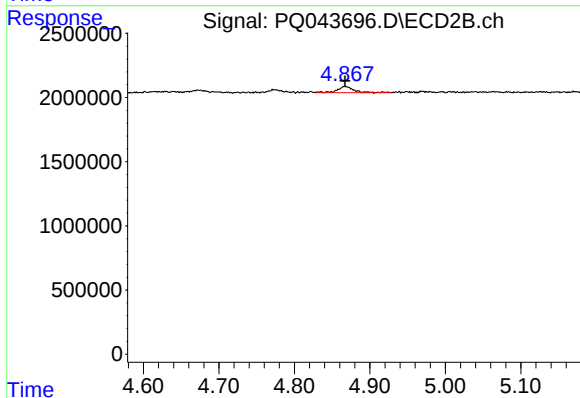
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 717022
Conc: 26.19 ng/ml



#11 AR-1232-1

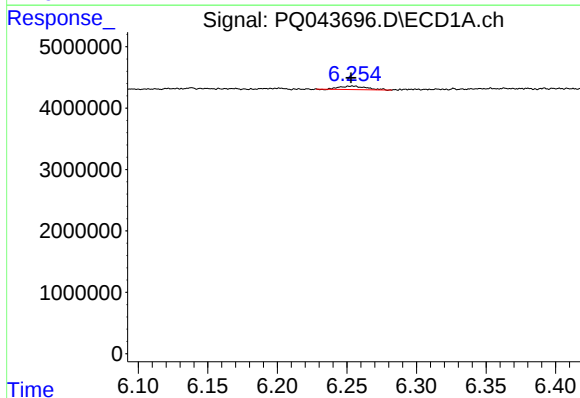
R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 1112097
Conc: 21.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



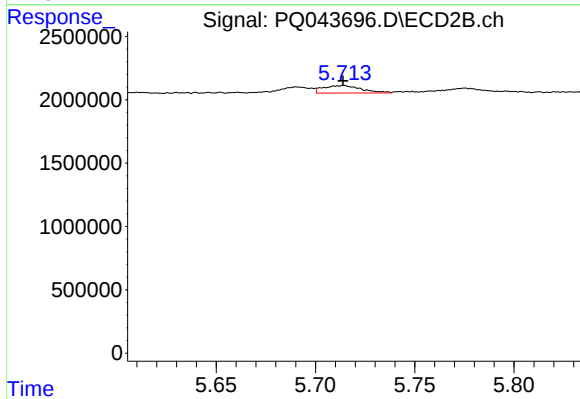
#11 AR-1232-1

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 717022
Conc: 30.20 ng/ml



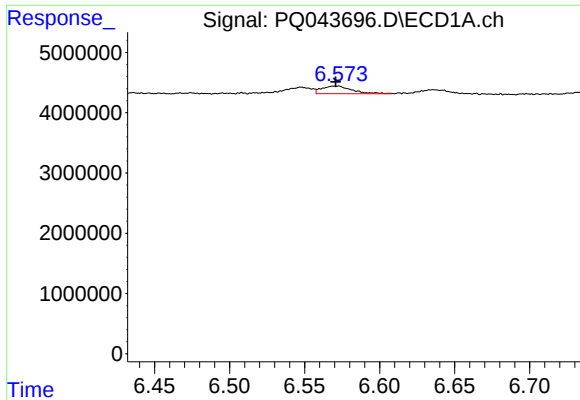
#12 AR-1232-2

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 735630
Conc: 26.00 ng/ml



#12 AR-1232-2

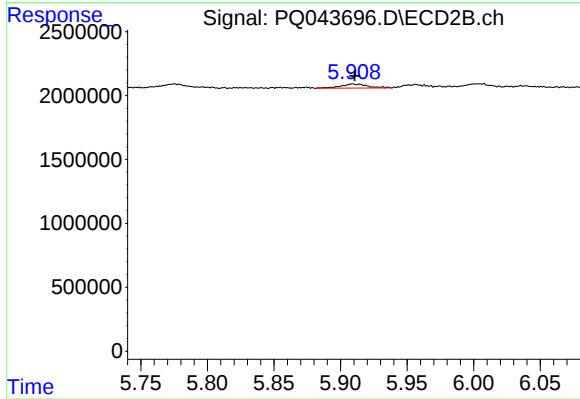
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 784217
Conc: 32.13 ng/ml



#13 AR-1232-3

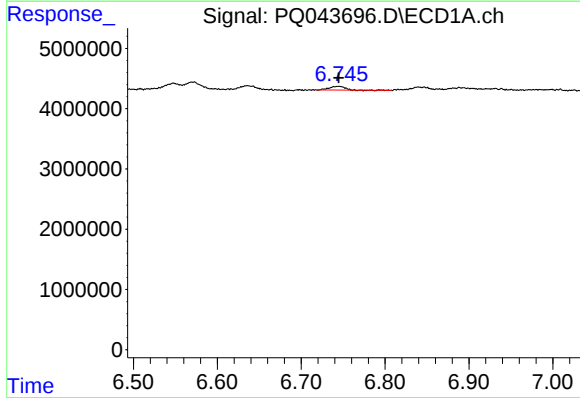
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 1789596
Conc: 28.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



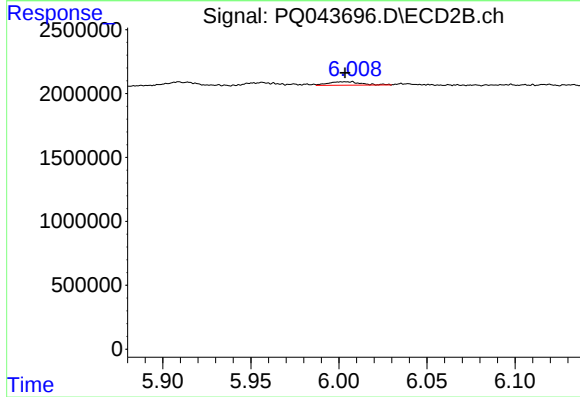
#13 AR-1232-3

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 456731
Conc: 36.01 ng/ml



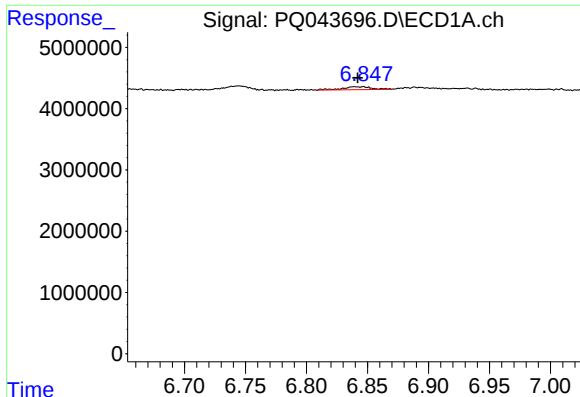
#14 AR-1232-4

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 806531
Conc: 24.69 ng/ml



#14 AR-1232-4

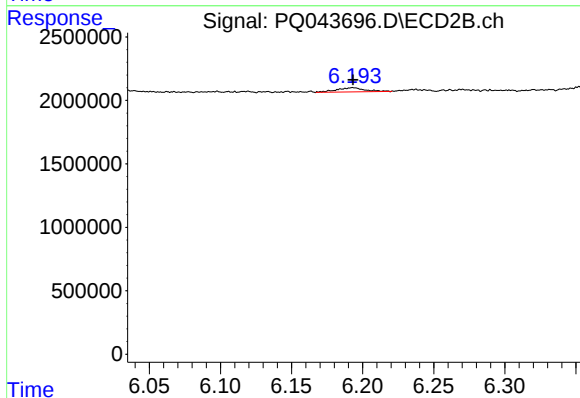
R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 358921
Conc: 32.11 ng/ml



#15 AR-1232-5

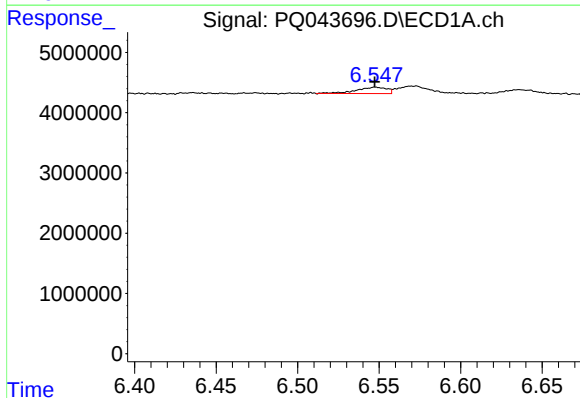
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 809053
Conc: 32.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



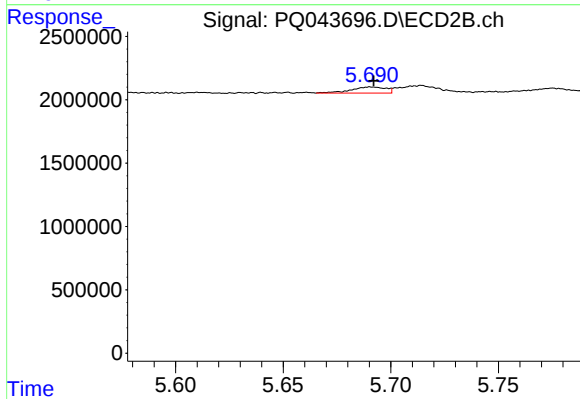
#15 AR-1232-5

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 433989
Conc: 32.17 ng/ml



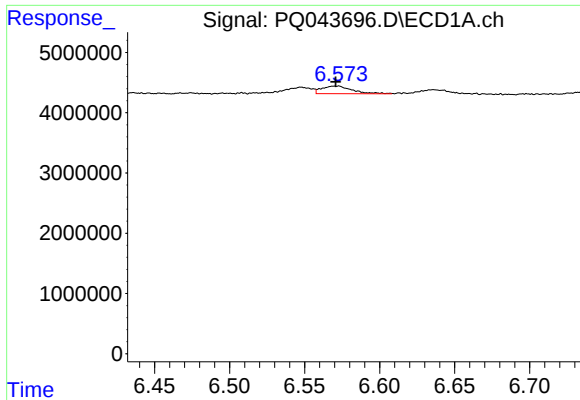
#16 AR-1242-1

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 1336610
Conc: 15.98 ng/ml



#16 AR-1242-1

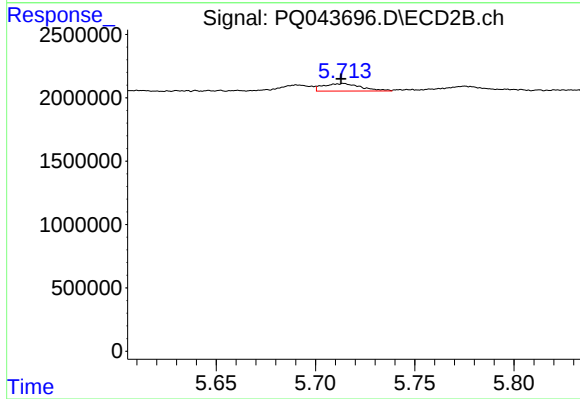
R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 543606
Conc: 16.59 ng/ml



#17 AR-1242-2

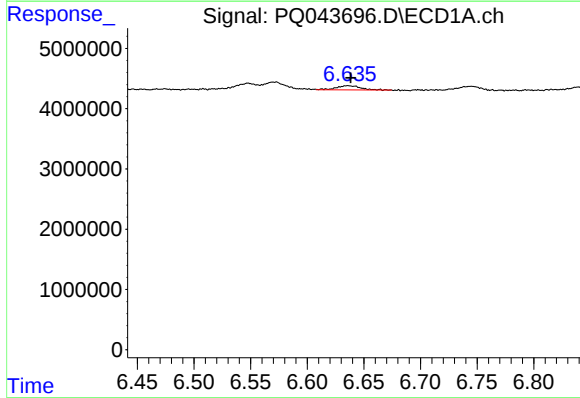
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 1789596
Conc: 14.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



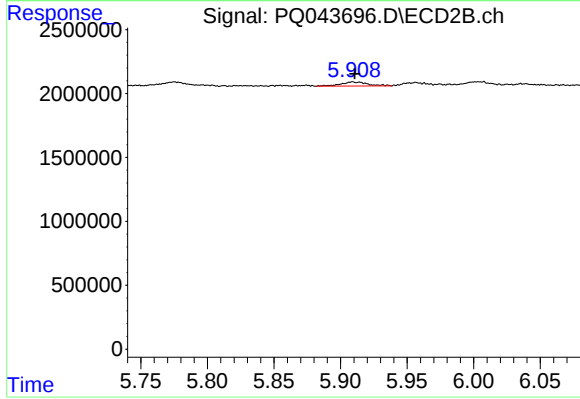
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 784217
Conc: 17.23 ng/ml



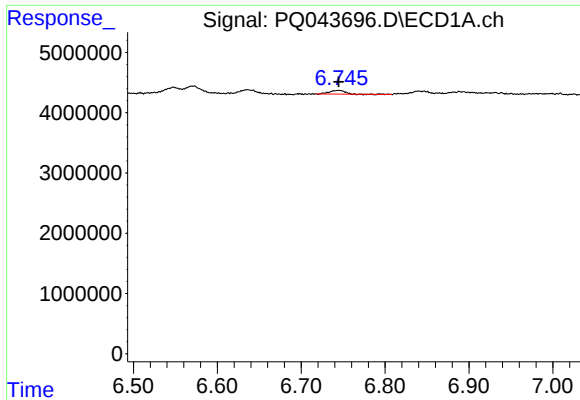
#18 AR-1242-3

R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 1039368
Conc: 14.14 ng/ml



#18 AR-1242-3

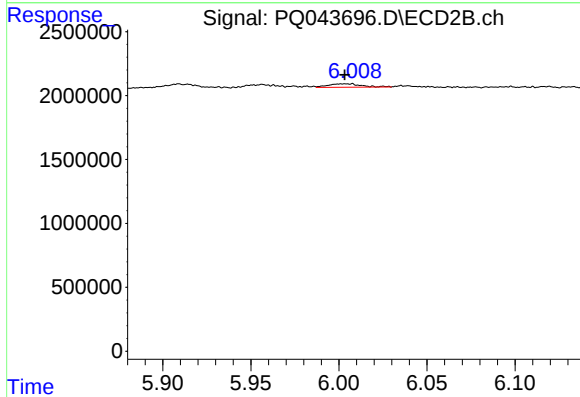
R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 456731
Conc: 18.84 ng/ml



#19 AR-1242-4

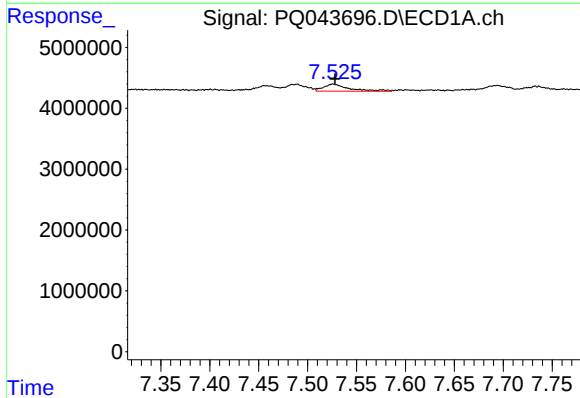
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 806531
Conc: 12.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



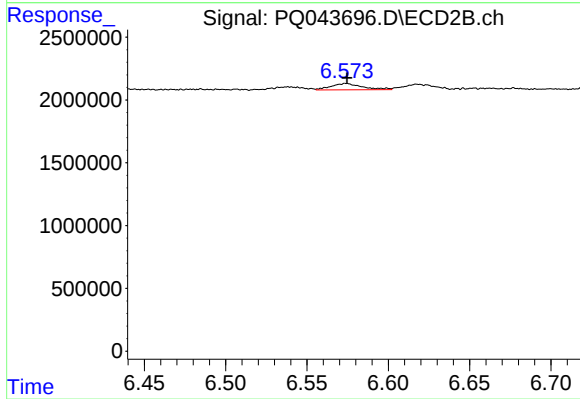
#19 AR-1242-4

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 358921
Conc: 14.75 ng/ml



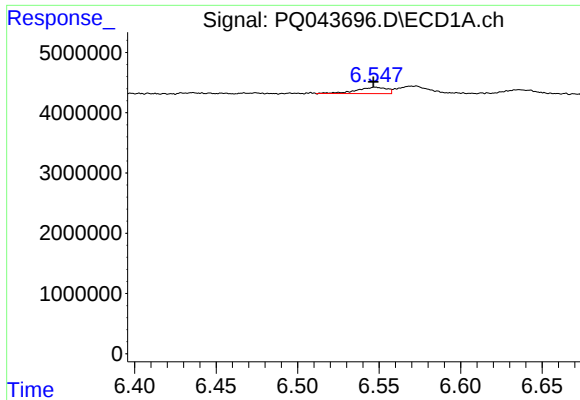
#20 AR-1242-5

R.T.: 7.526 min
Delta R.T.: -0.002 min
Response: 2153314
Conc: 23.53 ng/ml



#20 AR-1242-5

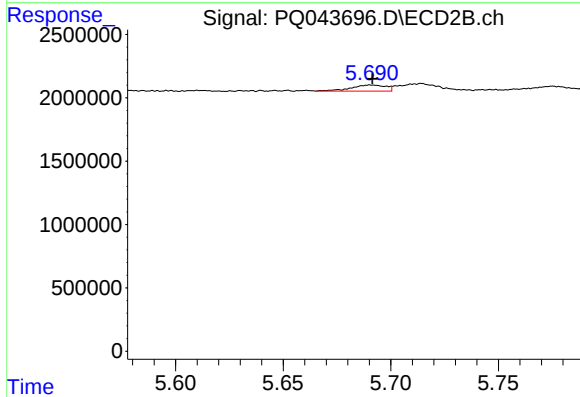
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 666746
Conc: 19.00 ng/ml



#21 AR-1248-1

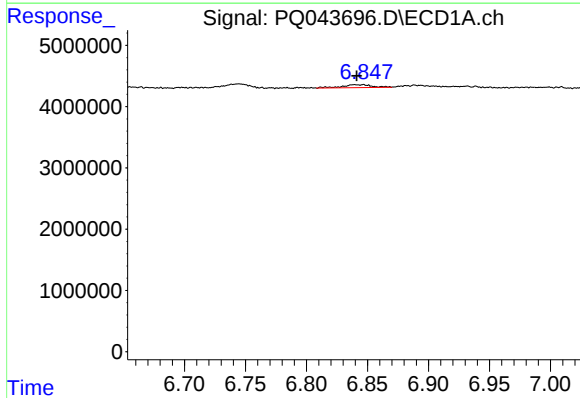
R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 1336610
Conc: 18.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



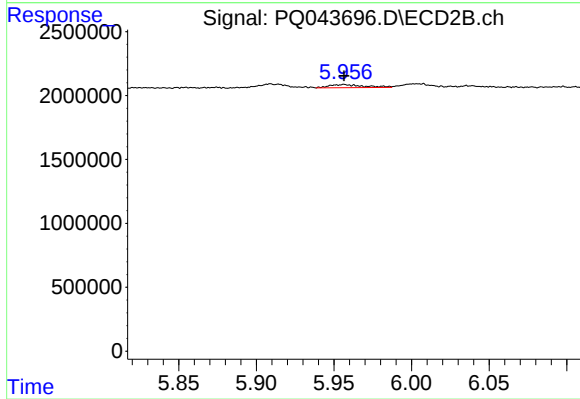
#21 AR-1248-1

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 543606
Conc: 19.70 ng/ml



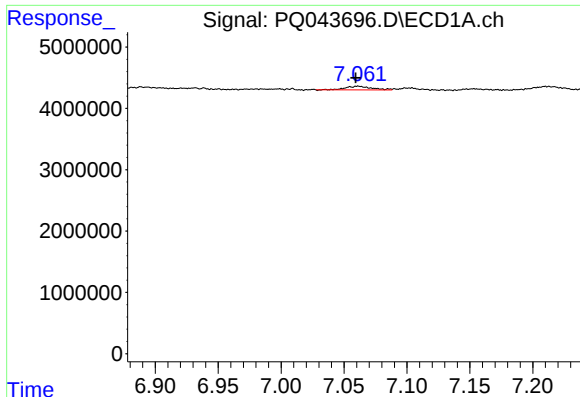
#22 AR-1248-2

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 809053
Conc: 7.96 ng/ml



#22 AR-1248-2

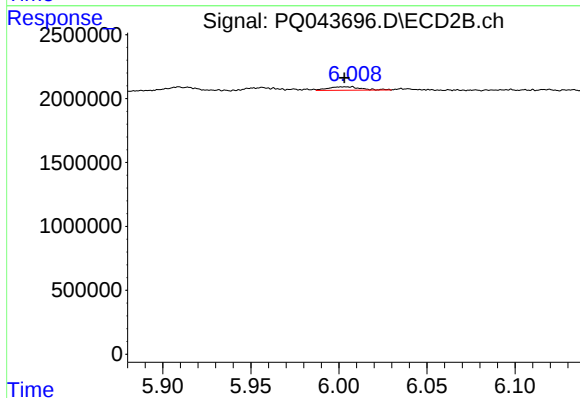
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 381393
Conc: 10.13 ng/ml



#23 AR-1248-3

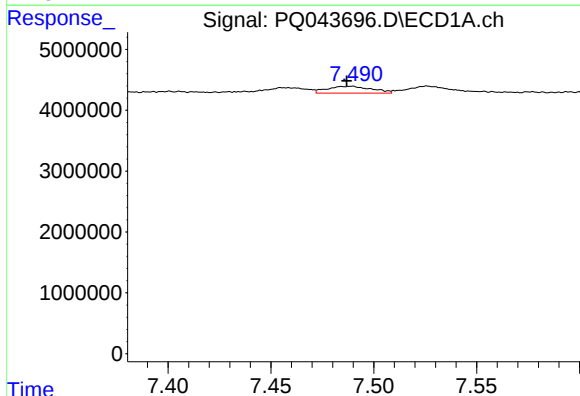
R.T.: 7.061 min
Delta R.T.: 0.002 min
Response: 886090
Conc: 7.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



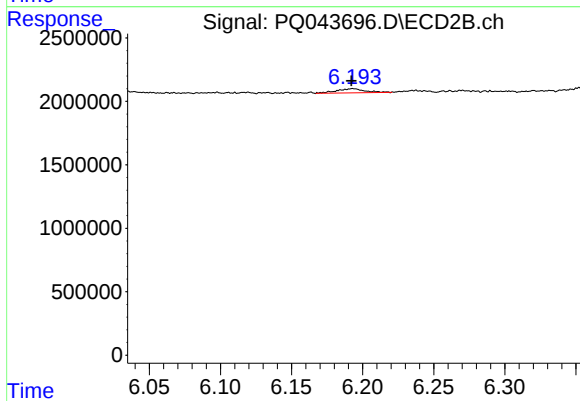
#23 AR-1248-3

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 358921
Conc: 9.33 ng/ml



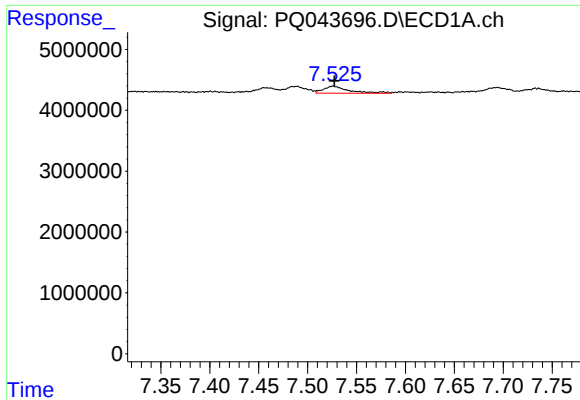
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 1685013
Conc: 10.53 ng/ml



#24 AR-1248-4

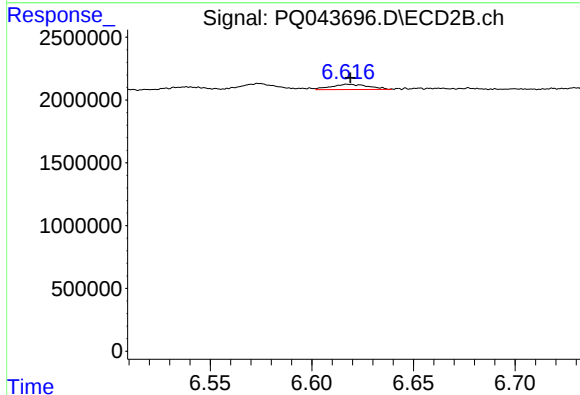
R.T.: 6.193 min
Delta R.T.: 0.001 min
Response: 433989
Conc: 9.22 ng/ml



#25 AR-1248-5

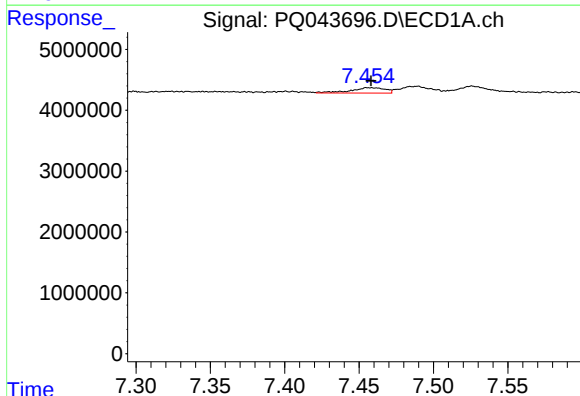
R.T.: 7.526 min
Delta R.T.: -0.001 min
Response: 2153314
Conc: 13.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



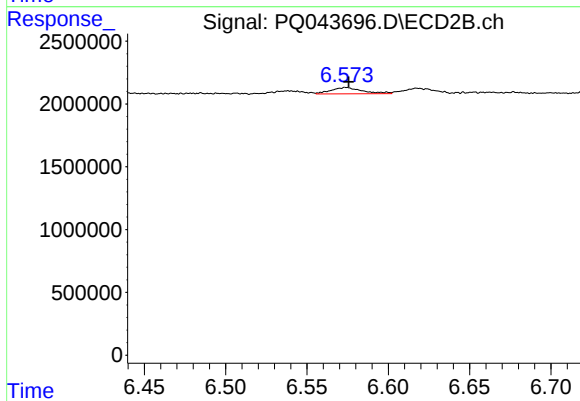
#25 AR-1248-5

R.T.: 6.618 min
Delta R.T.: -0.001 min
Response: 541526
Conc: 10.29 ng/ml



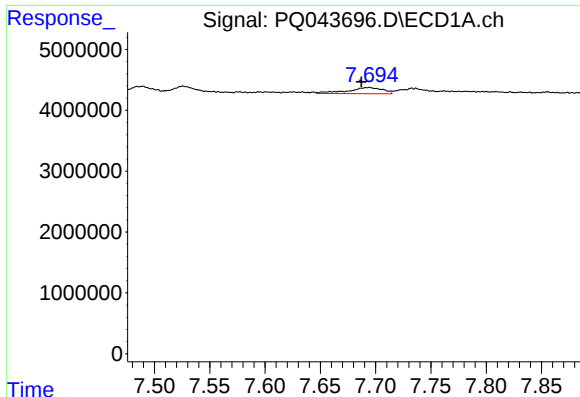
#26 AR-1254-1

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 1391757
Conc: 8.34 ng/ml



#26 AR-1254-1

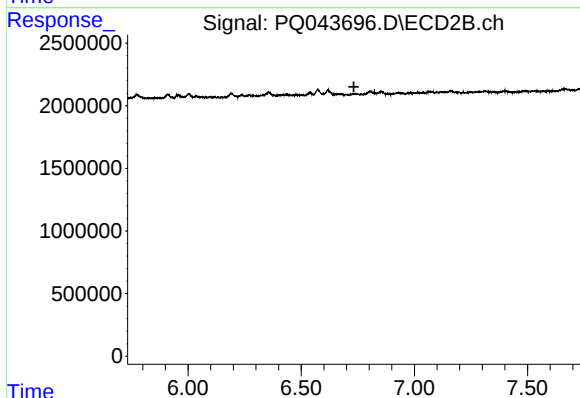
R.T.: 6.574 min
Delta R.T.: -0.001 min
Response: 666746
Conc: 7.68 ng/ml



#27 AR-1254-2

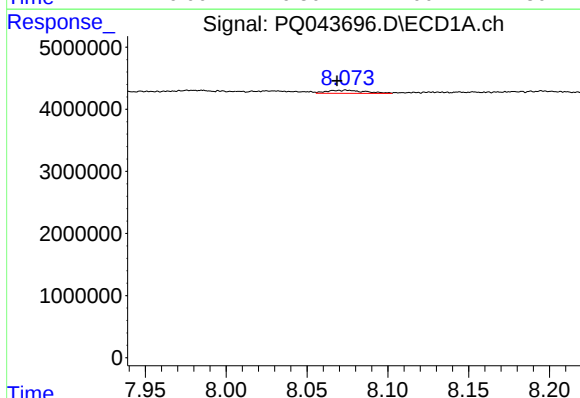
R.T.: 7.693 min
Delta R.T.: 0.006 min
Response: 2236711
Conc: 7.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



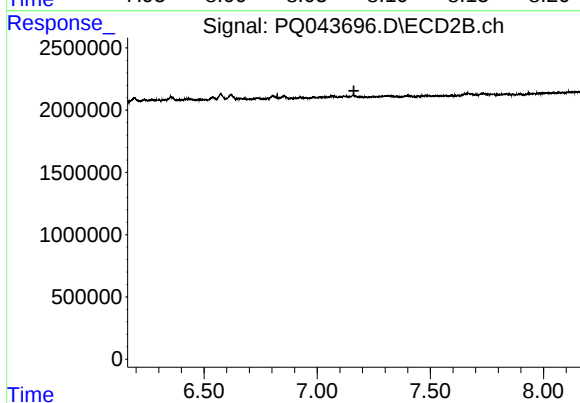
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.733 min
Response: 0
Conc: N.D.



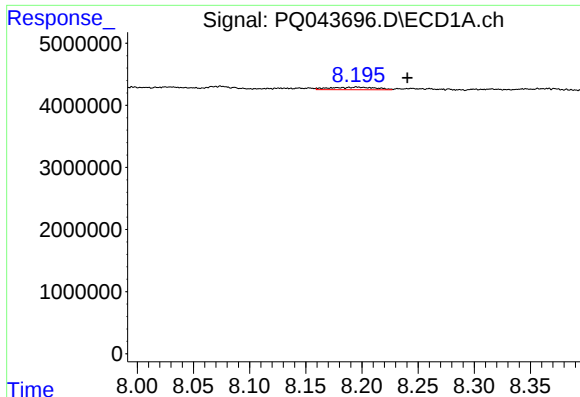
#28 AR-1254-3

R.T.: 8.074 min
Delta R.T.: 0.005 min
Response: 809363
Conc: 2.40 ng/ml



#28 AR-1254-3

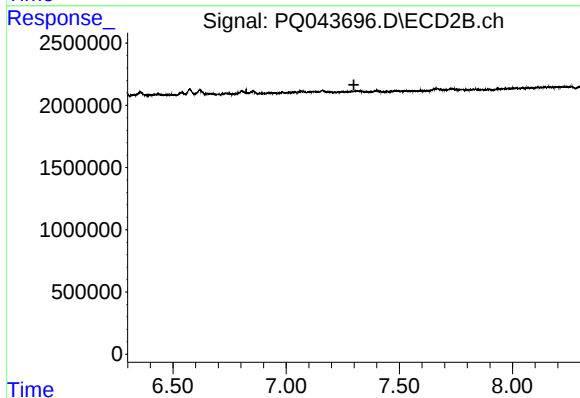
R.T.: 0.000 min
Exp R.T. : 7.162 min
Response: 0
Conc: N.D.



#31 AR-1260-1

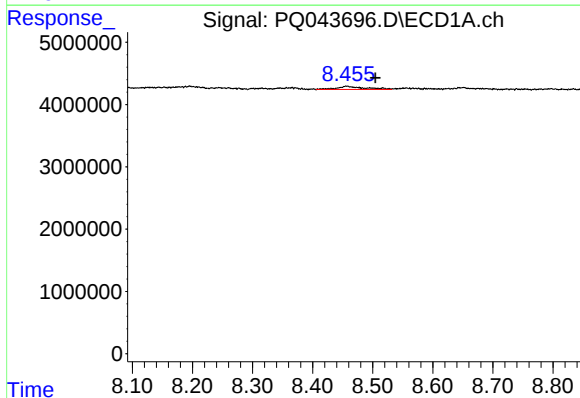
R.T.: 8.196 min
Delta R.T.: -0.044 min
Response: 1123455
Conc: 5.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



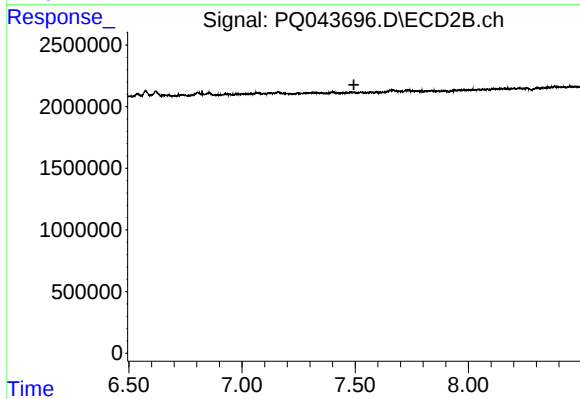
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.299 min
Response: 0
Conc: N.D.



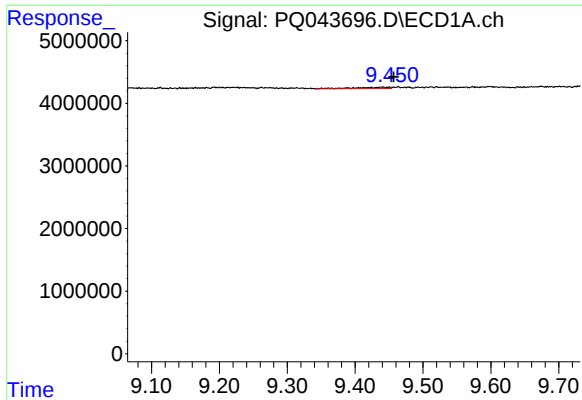
#32 AR-1260-2

R.T.: 8.457 min
Delta R.T.: -0.048 min
Response: 1646961
Conc: 6.74 ng/ml



#32 AR-1260-2

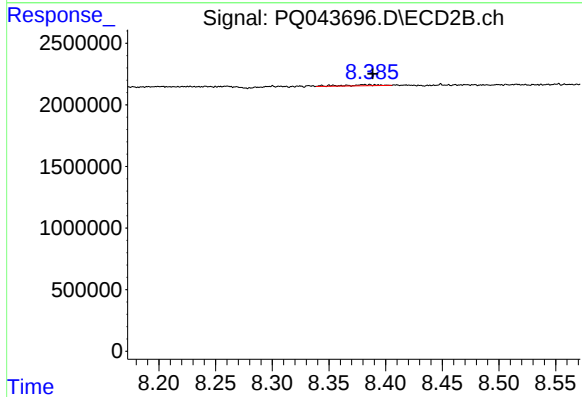
R.T.: 0.000 min
Exp R.T. : 7.494 min
Response: 0
Conc: N.D.



#35 AR-1260-5

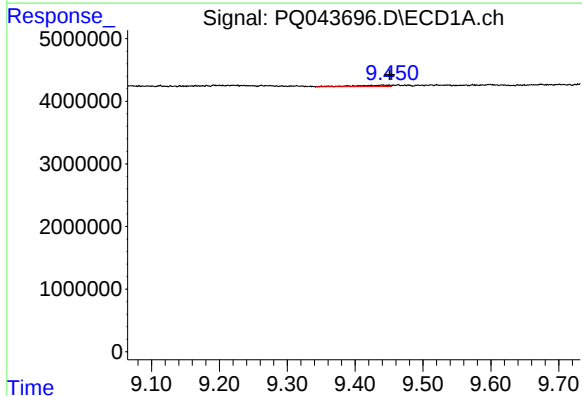
R.T.: 9.440 min
Delta R.T.: -0.017 min
Response: 789689
Conc: 1.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



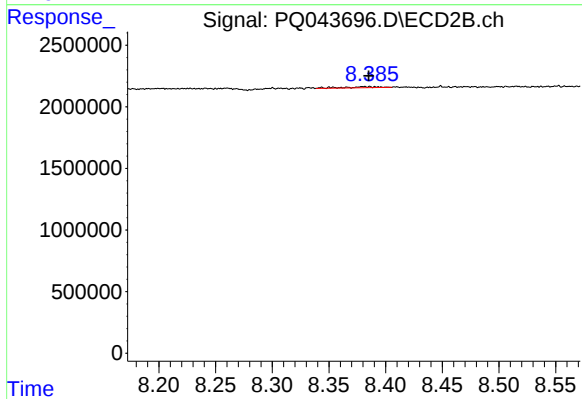
#35 AR-1260-5

R.T.: 8.385 min
Delta R.T.: -0.003 min
Response: 183042
Conc: 0.87 ng/ml



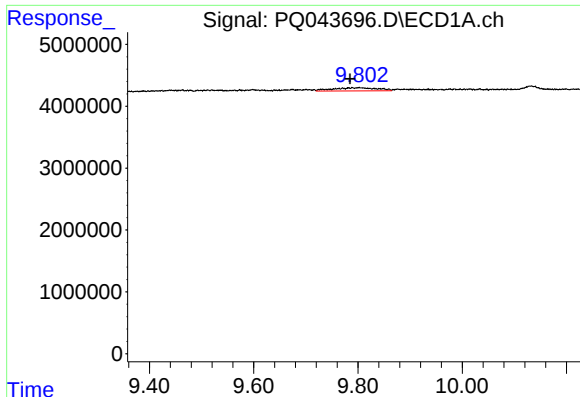
#37 AR-1262-2

R.T.: 9.440 min
Delta R.T.: -0.011 min
Response: 789689
Conc: 1.08 ng/ml



#37 AR-1262-2

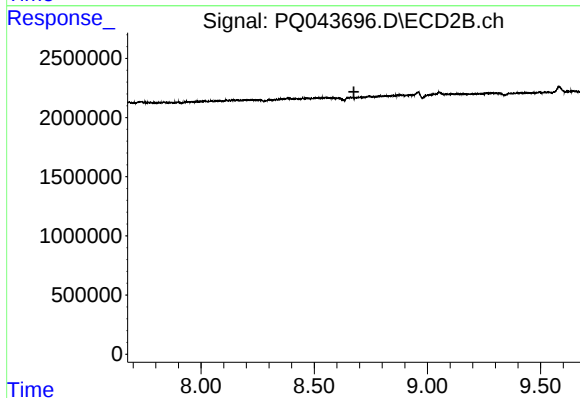
R.T.: 8.385 min
Delta R.T.: 0.000 min
Response: 183042
Conc: 0.70 ng/ml



#38 AR-1262-3

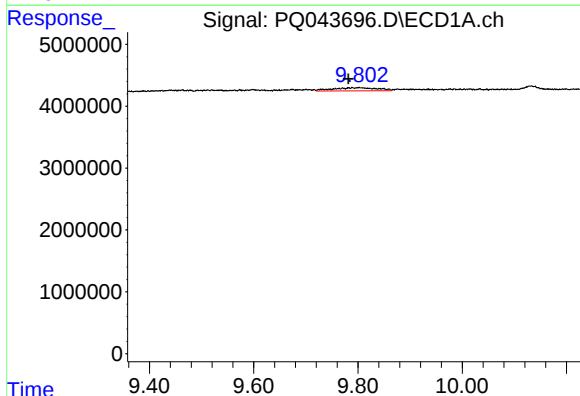
R.T.: 9.802 min
Delta R.T.: 0.017 min
Response: 3111628
Conc: 5.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



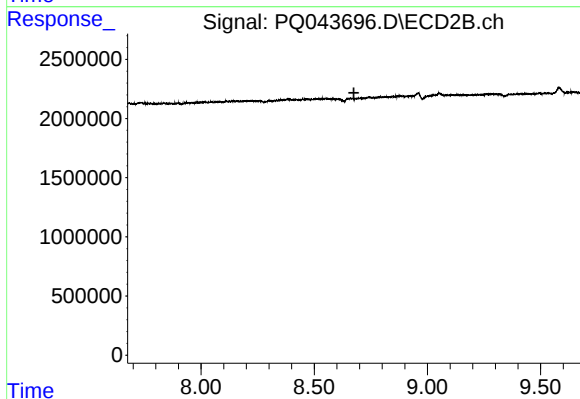
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.675 min
Response: 0
Conc: N.D.



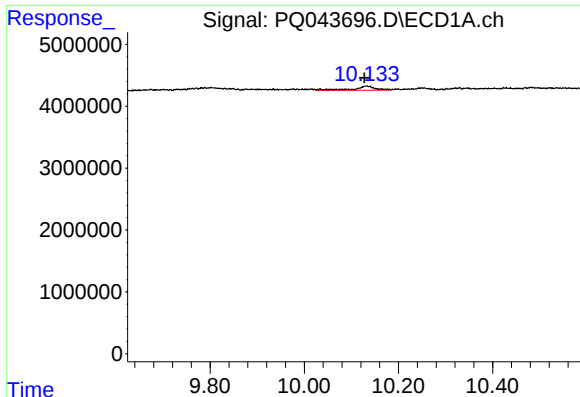
#41 AR-1268-1

R.T.: 9.802 min
Delta R.T.: 0.020 min
Response: 3111628
Conc: 3.14 ng/ml



#41 AR-1268-1

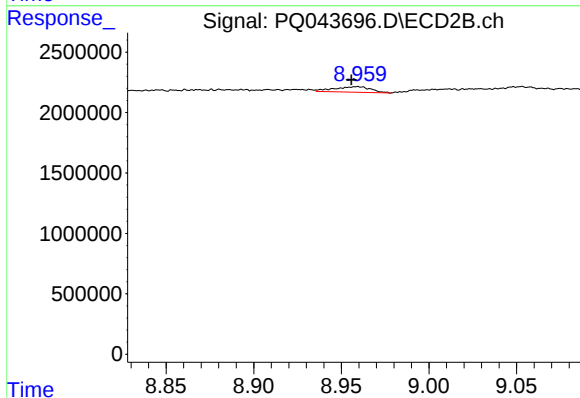
R.T.: 0.000 min
Exp R.T. : 8.675 min
Response: 0
Conc: N.D.



#43 AR-1268-3

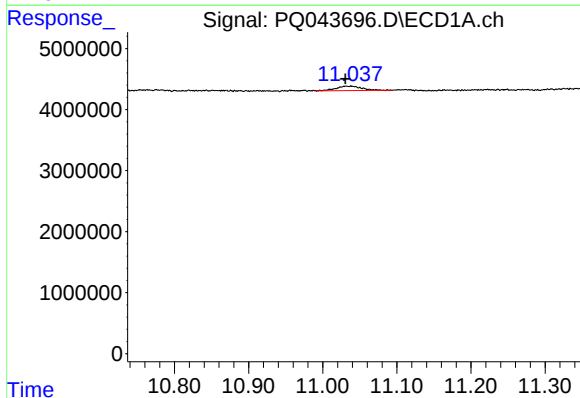
R.T.: 10.132 min
Delta R.T.: 0.004 min
Response: 2250871
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1232-S-5



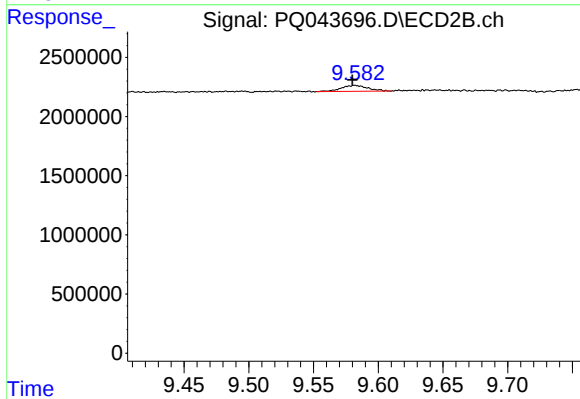
#43 AR-1268-3

R.T.: 8.959 min
Delta R.T.: 0.003 min
Response: 664462
Conc: 2.02 ng/ml



#45 AR-1268-5

R.T.: 11.036 min
Delta R.T.: 0.006 min
Response: 1787281
Conc: 0.54 ng/ml



#45 AR-1268-5

R.T.: 9.582 min
Delta R.T.: 0.002 min
Response: 729504
Conc: 0.55 ng/ml