

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040919\
 Data File : PQ038977.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2019 20:40
 Operator : AJ\SJ
 Sample : K2303-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF886

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 00:54:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 05 05:12:40 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...	5.713	4.806	114.8E6	62295284	23.961	27.345
2)	SA Decachlor...	12.122	10.576	159.0E6	86514437	24.041	25.422
Target Compounds							
3)	L1 AR-1016-1	7.185	6.282	2163774	1129818	8.002	7.579
4)	L1 AR-1016-2	7.185	6.282	2163774	1129818	5.348	5.209
5)	L1 AR-1016-3	7.255	6.529	1630884	504914	6.372	4.477 #
6)	L1 AR-1016-4	7.376	6.529	1362588	504914	6.521	5.842
7)	L1 AR-1016-5	7.680	6.836	5163337	78091	23.984	0.605 #
8)	L2 AR-1221-1	5.949	5.126	459084	250976	7.920	8.636
9)	L2 AR-1221-2	6.105	5.225	2170043	1340360	54.028	64.339
10)	L2 AR-1221-3	0.000	5.355	0	209174	N.D.	2.849 #
11)	L3 AR-1232-1	0.000	5.355	0	209174	N.D.	4.059 #
12)	L3 AR-1232-2	6.876	6.282	690355	1129818	12.316	19.415 #
13)	L3 AR-1232-3	7.185	6.529	2163774	504914	20.301	16.615
14)	L3 AR-1232-4	7.376	6.626	1362588	1145594	24.621	41.006 #
15)	L3 AR-1232-5	7.472	6.801	1492051	288509	38.256	8.794 #
16)	L4 AR-1242-1	7.185	6.282	2163774	1129818	14.180	13.039
17)	L4 AR-1242-2	7.185	6.282	2163774	1129818	9.620	9.059
18)	L4 AR-1242-3	7.255	6.529	1630884	504914	11.512	7.533 #
19)	L4 AR-1242-4	7.376	6.626	1362588	1145594	11.777	16.959 #
20)	L4 AR-1242-5	8.202	7.214	549541	2292860	4.047	24.012 #
21)	L5 AR-1248-1	7.185	6.282	2163774	1129818	20.527	18.736
22)	L5 AR-1248-2	7.472	6.529	1492051	504914	9.966	5.967 #
23)	L5 AR-1248-3	7.680	6.626	5163337	1145594	28.249	12.899 #
24)	L5 AR-1248-4	8.149	6.801	1087100	288509	5.350	2.516 #
25)	L5 AR-1248-5	8.202	7.329	549541	2522696	2.708	21.912 #
26)	L6 AR-1254-1	8.124	7.214	1832377	2292860	8.492	12.478 #
27)	L6 AR-1254-2	8.409	7.411	2523337	541225	7.448	3.344 #
28)	L6 AR-1254-3	8.758	7.847	708941	827991	1.907	2.931 #
29)	L6 AR-1254-4	0.000	8.069	0	986911	N.D.	5.948 #
30)	L6 AR-1254-5	9.514	8.521	3104245	692243	10.416	2.810 #
31)	L7 AR-1260-1	8.963	7.969	1684683	2421405	3.522	7.993 #
32)	L7 AR-1260-2	9.166	8.180	2418437	880677	4.258	2.377 #
33)	L7 AR-1260-3	9.643	8.342	2564236	348871	5.886	0.995 #
34)	L7 AR-1260-4	9.812	8.852	4230667	233374	8.243	0.808 #
35)	L7 AR-1260-5	10.139	9.109	2054221	74608	1.979	0.105 #
36)	L8 AR-1262-1	9.643	8.521	2564236	692243	6.903	2.644 #
37)	L8 AR-1262-2	10.139	9.087	2054221	305704	3.107	0.640 #
38)	L8 AR-1262-3	0.000	9.411	0	743148	N.D.	3.828 #
39)	L8 AR-1262-4	10.608	9.489	475857	246364	1.327	0.669 #
40)	L8 AR-1262-5	0.000	9.955	0	2812294	N.D.	18.618 #
41)	L9 AR-1268-1	0.000	9.411	0	743148	N.D.	0.736 #

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 Acq On : 09 Apr 2019 20:40
 Operator : AJ\SJ
 Sample : K2303-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

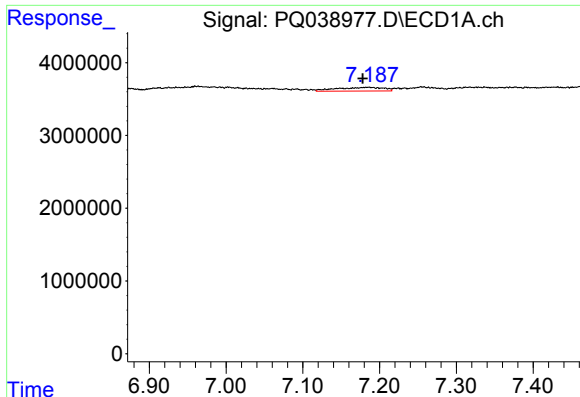
Instrument :
 ECD_Q
 ClientSampleId :
 BF886

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 00:54:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
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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
42) L9	AR-1268-2	10.608	9.489	475857	246364	0.344	0.264
43) L9	AR-1268-3	10.846	9.661	1207381	1071693	0.985	1.356 #
44) L9	AR-1268-4	0.000	9.955	0	2812294	N.D.	9.047 #
45) L9	AR-1268-5	11.760	10.294	3977632	923849	0.943	0.371 #

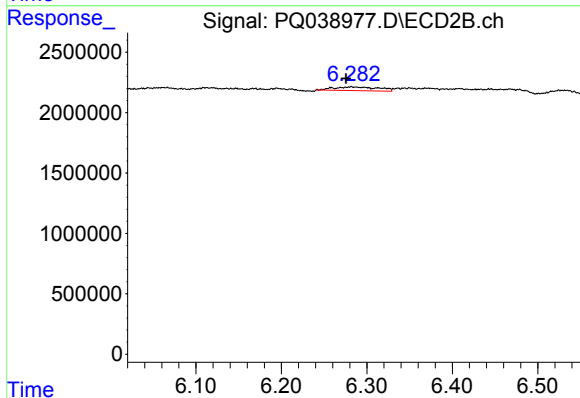
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

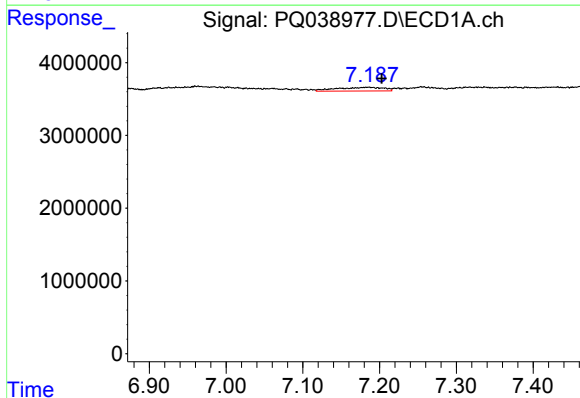
R.T.: 7.185 min
Delta R.T.: 0.007 min
Response: 2163774
Conc: 8.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



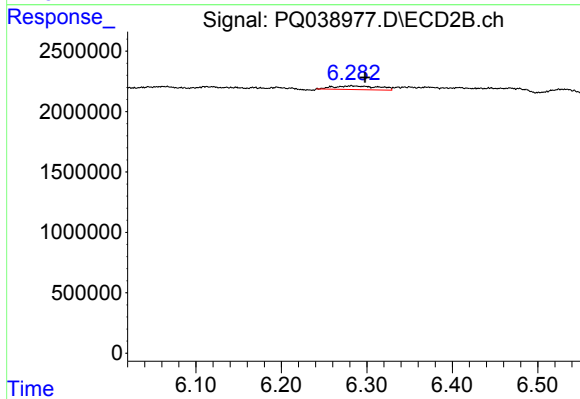
#3 AR-1016-1

R.T.: 6.282 min
Delta R.T.: 0.006 min
Response: 1129818
Conc: 7.58 ng/ml



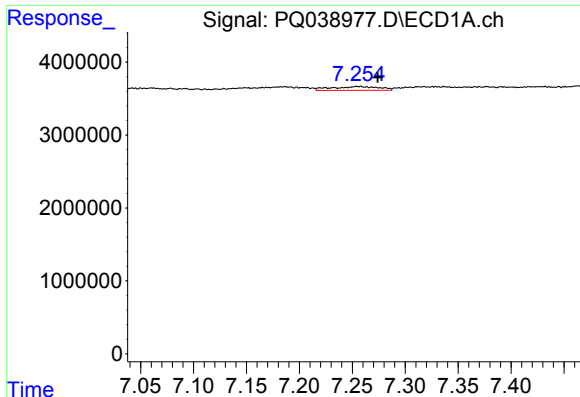
#4 AR-1016-2

R.T.: 7.185 min
Delta R.T.: -0.018 min
Response: 2163774
Conc: 5.35 ng/ml



#4 AR-1016-2

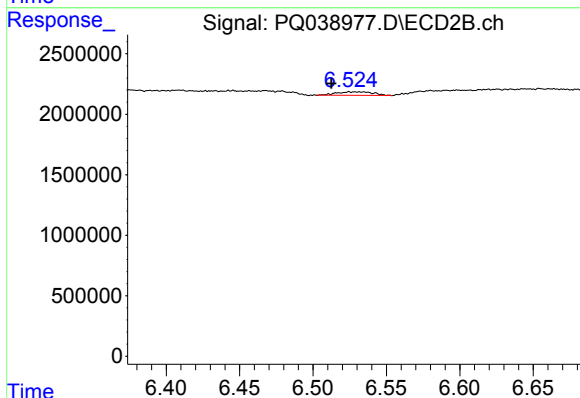
R.T.: 6.282 min
Delta R.T.: -0.016 min
Response: 1129818
Conc: 5.21 ng/ml



#5 AR-1016-3

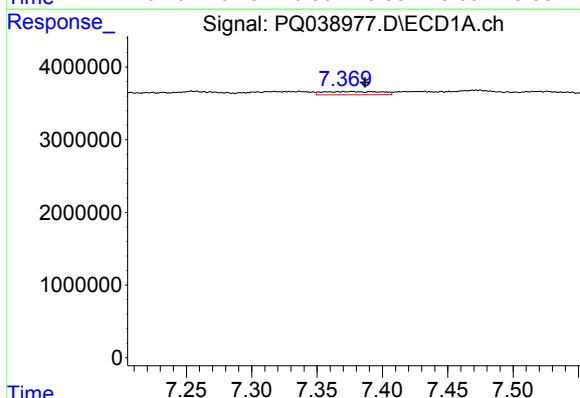
R.T.: 7.255 min
Delta R.T.: -0.019 min
Response: 1630884
Conc: 6.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



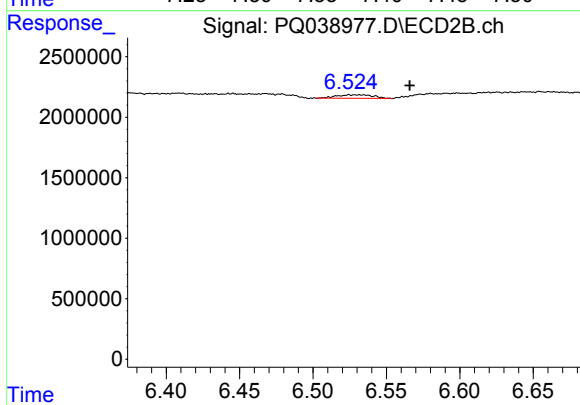
#5 AR-1016-3

R.T.: 6.529 min
Delta R.T.: 0.017 min
Response: 504914
Conc: 4.48 ng/ml



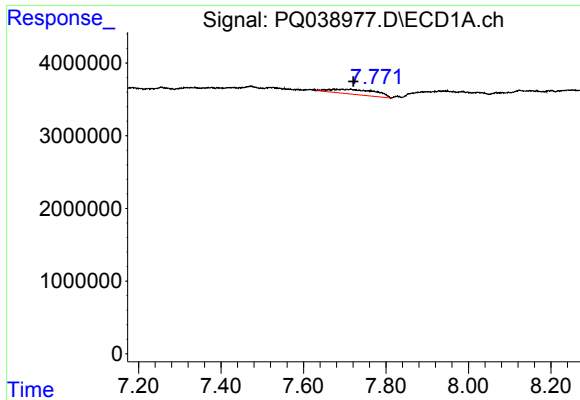
#6 AR-1016-4

R.T.: 7.376 min
Delta R.T.: -0.011 min
Response: 1362588
Conc: 6.52 ng/ml



#6 AR-1016-4

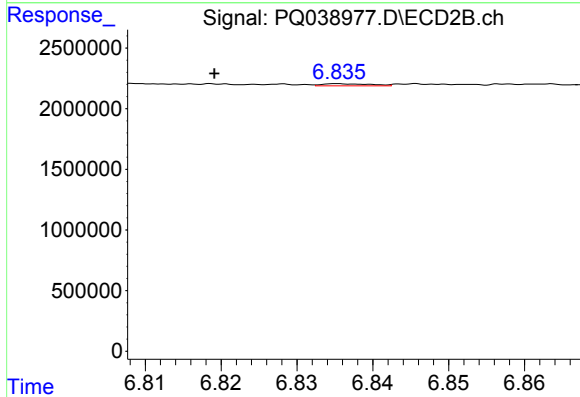
R.T.: 6.529 min
Delta R.T.: -0.037 min
Response: 504914
Conc: 5.84 ng/ml



#7 AR-1016-5

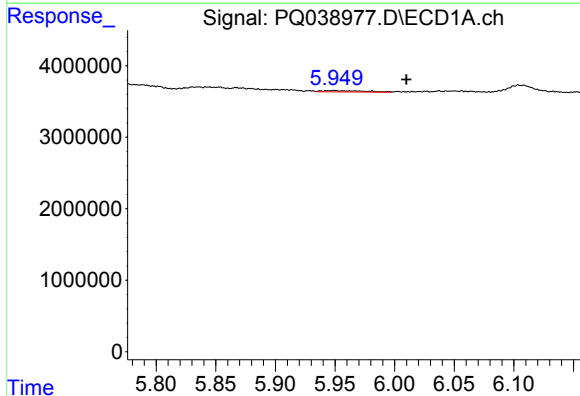
R.T.: 7.680 min
Delta R.T.: -0.040 min
Response: 5163337
Conc: 23.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



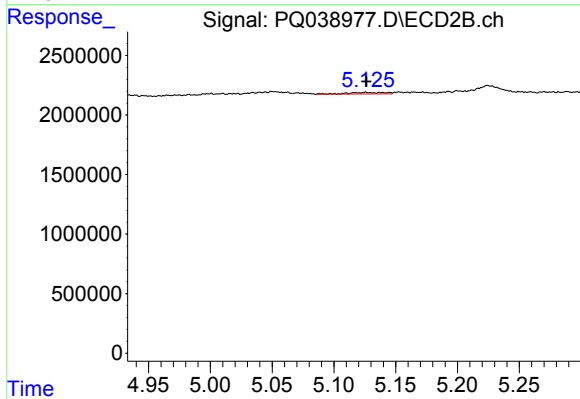
#7 AR-1016-5

R.T.: 6.836 min
Delta R.T.: 0.017 min
Response: 78091
Conc: 0.60 ng/ml



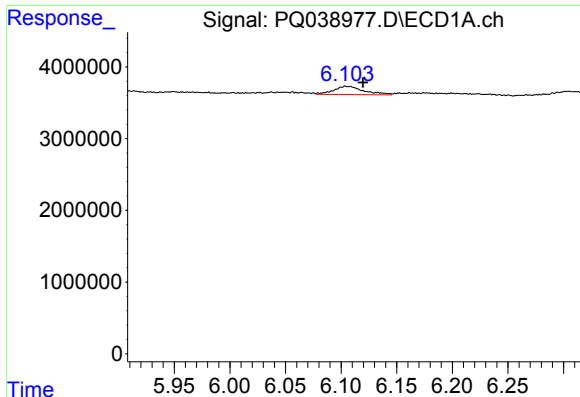
#8 AR-1221-1

R.T.: 5.949 min
Delta R.T.: -0.061 min
Response: 459084
Conc: 7.92 ng/ml



#8 AR-1221-1

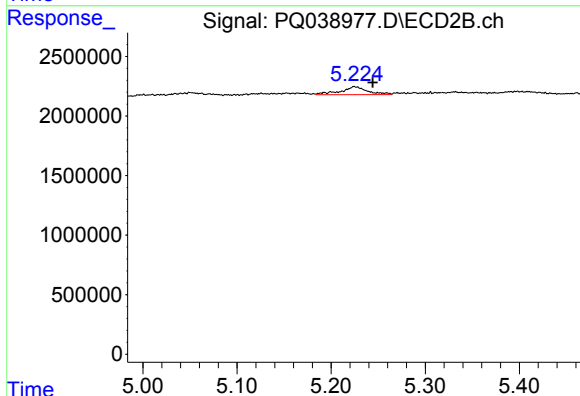
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 250976
Conc: 8.64 ng/ml



#9 AR-1221-2

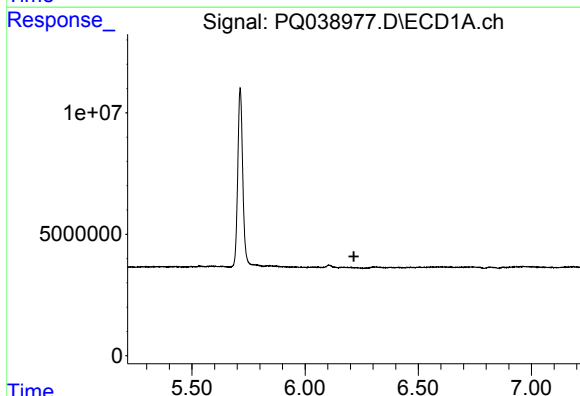
R.T.: 6.105 min
Delta R.T.: -0.014 min
Response: 2170043
Conc: 54.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



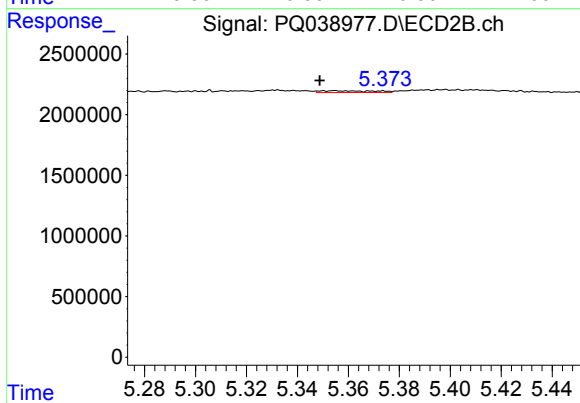
#9 AR-1221-2

R.T.: 5.225 min
Delta R.T.: -0.019 min
Response: 1340360
Conc: 64.34 ng/ml



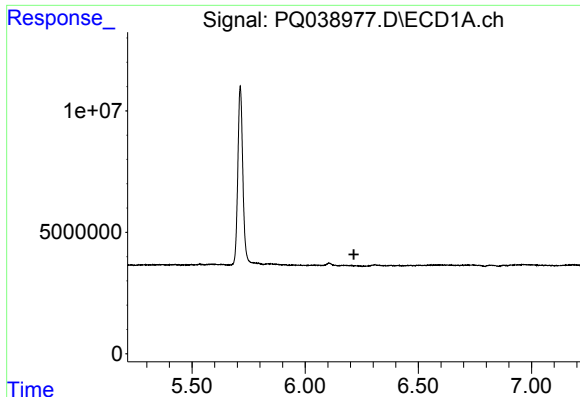
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.216 min
Response: 0
Conc: N.D.



#10 AR-1221-3

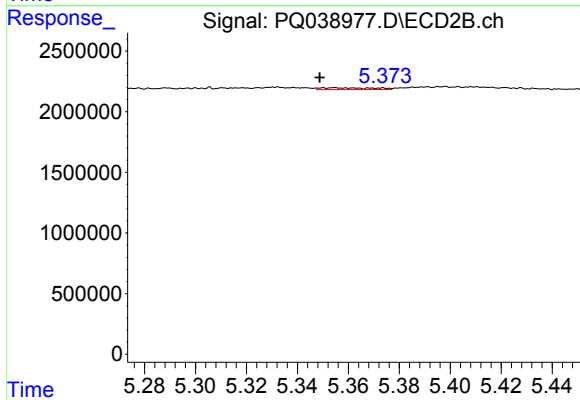
R.T.: 5.355 min
Delta R.T.: 0.006 min
Response: 209174
Conc: 2.85 ng/ml



#11 AR-1232-1

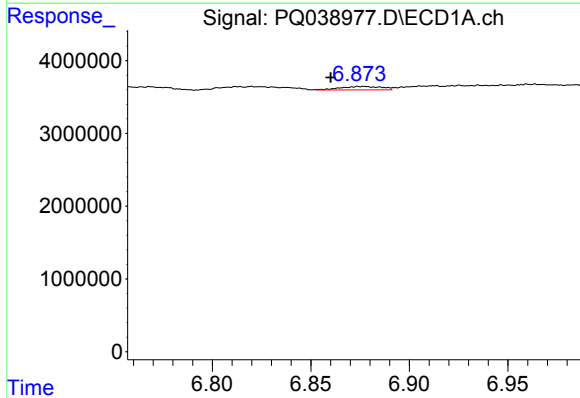
R.T.: 0.000 min
Exp R.T.: 6.215 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF886



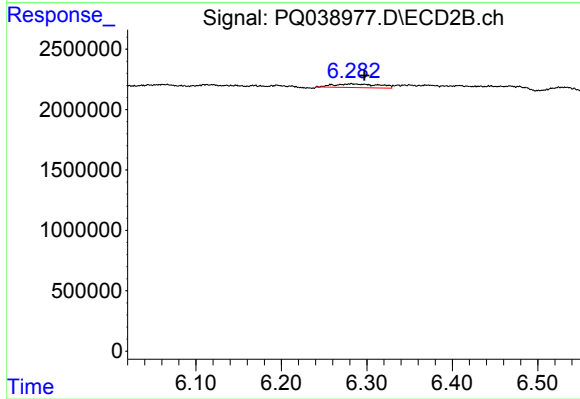
#11 AR-1232-1

R.T.: 5.355 min
Delta R.T.: 0.006 min
Response: 209174
Conc: 4.06 ng/ml



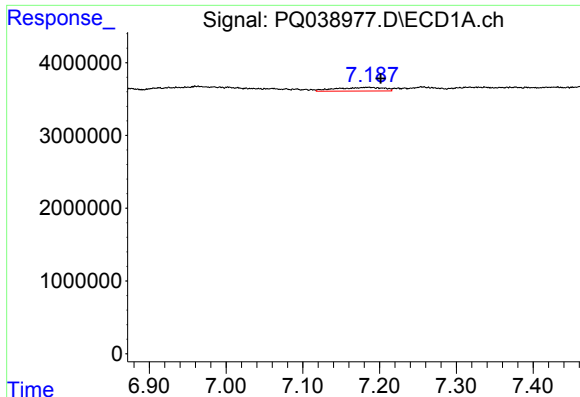
#12 AR-1232-2

R.T.: 6.876 min
Delta R.T.: 0.016 min
Response: 690355
Conc: 12.32 ng/ml



#12 AR-1232-2

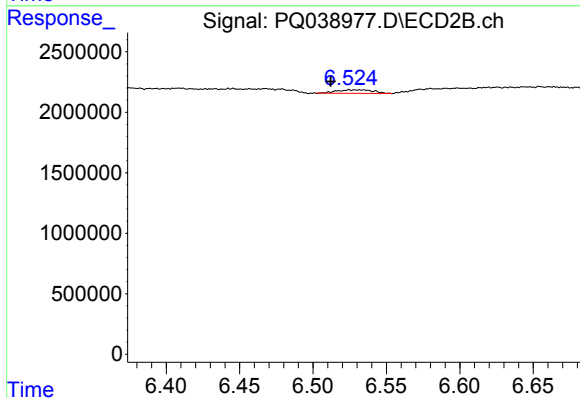
R.T.: 6.282 min
Delta R.T.: -0.015 min
Response: 1129818
Conc: 19.41 ng/ml



#13 AR-1232-3

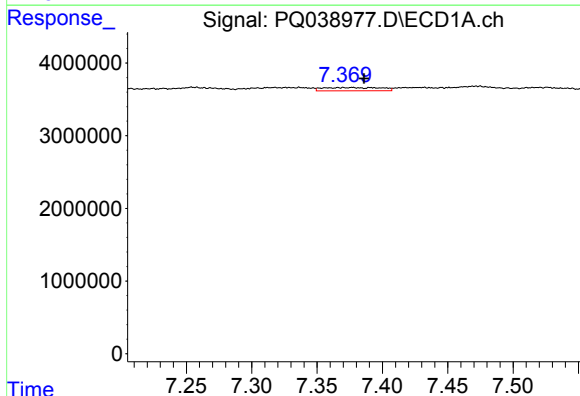
R.T.: 7.185 min
Delta R.T.: -0.016 min
Response: 2163774
Conc: 20.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



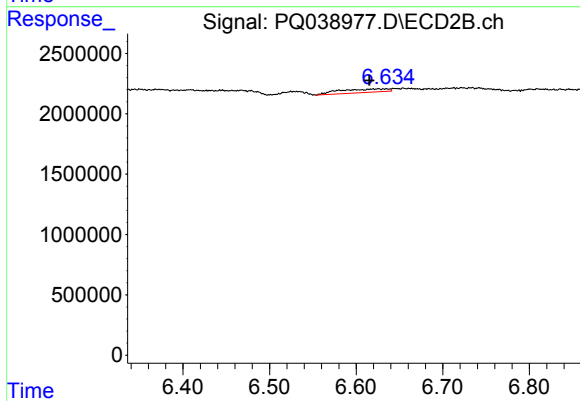
#13 AR-1232-3

R.T.: 6.529 min
Delta R.T.: 0.017 min
Response: 504914
Conc: 16.62 ng/ml



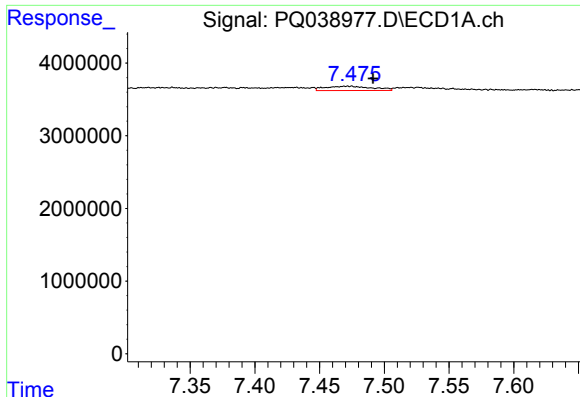
#14 AR-1232-4

R.T.: 7.376 min
Delta R.T.: -0.010 min
Response: 1362588
Conc: 24.62 ng/ml



#14 AR-1232-4

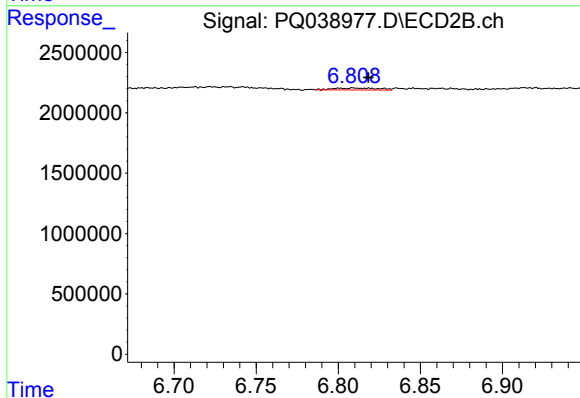
R.T.: 6.626 min
Delta R.T.: 0.010 min
Response: 1145594
Conc: 41.01 ng/ml



#15 AR-1232-5

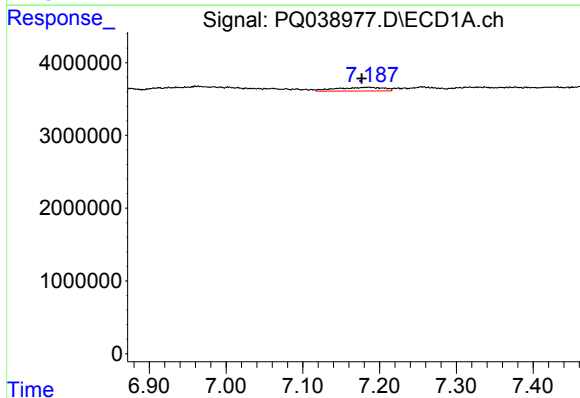
R.T.: 7.472 min
Delta R.T.: -0.019 min
Response: 1492051
Conc: 38.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



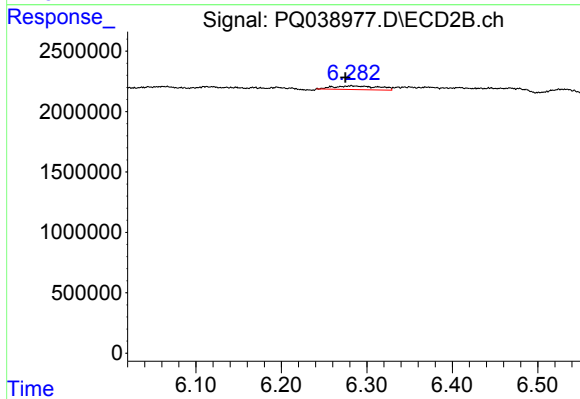
#15 AR-1232-5

R.T.: 6.801 min
Delta R.T.: -0.017 min
Response: 288509
Conc: 8.79 ng/ml



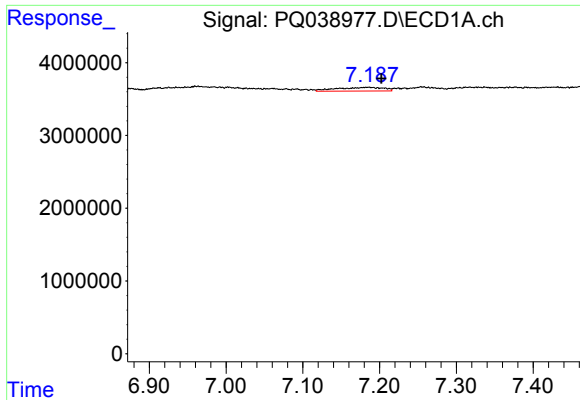
#16 AR-1242-1

R.T.: 7.185 min
Delta R.T.: 0.009 min
Response: 2163774
Conc: 14.18 ng/ml



#16 AR-1242-1

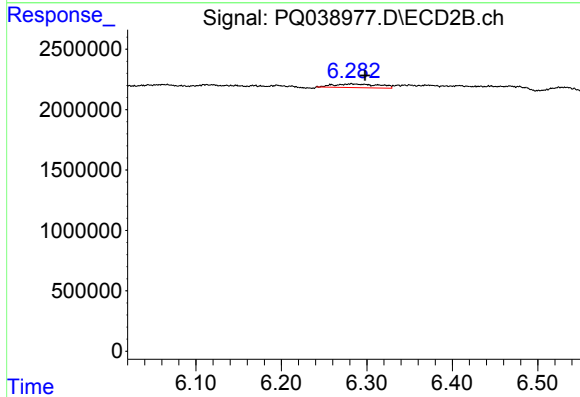
R.T.: 6.282 min
Delta R.T.: 0.007 min
Response: 1129818
Conc: 13.04 ng/ml



#17 AR-1242-2

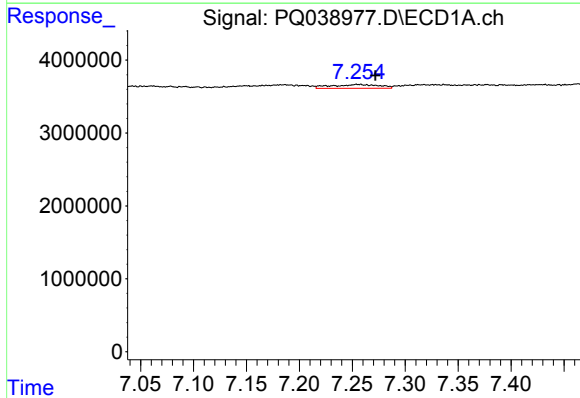
R.T.: 7.185 min
Delta R.T.: -0.017 min
Response: 2163774
Conc: 9.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



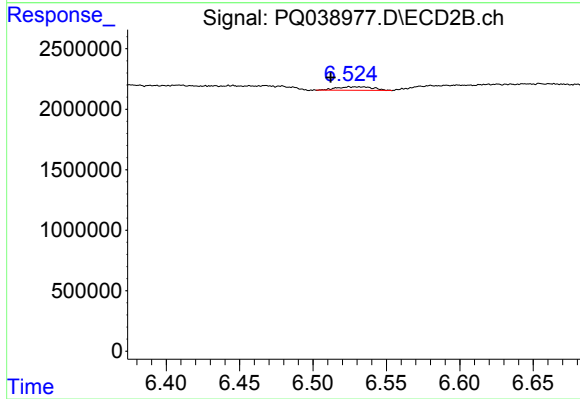
#17 AR-1242-2

R.T.: 6.282 min
Delta R.T.: -0.016 min
Response: 1129818
Conc: 9.06 ng/ml



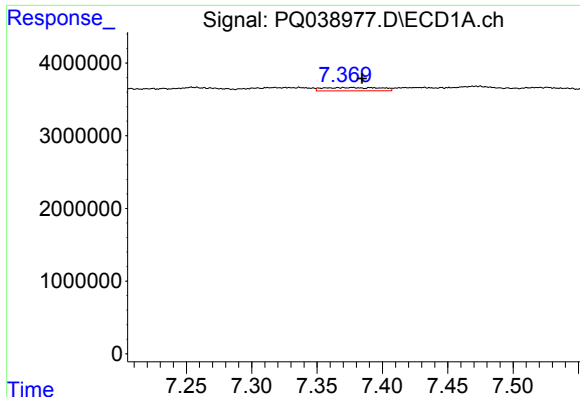
#18 AR-1242-3

R.T.: 7.255 min
Delta R.T.: -0.017 min
Response: 1630884
Conc: 11.51 ng/ml



#18 AR-1242-3

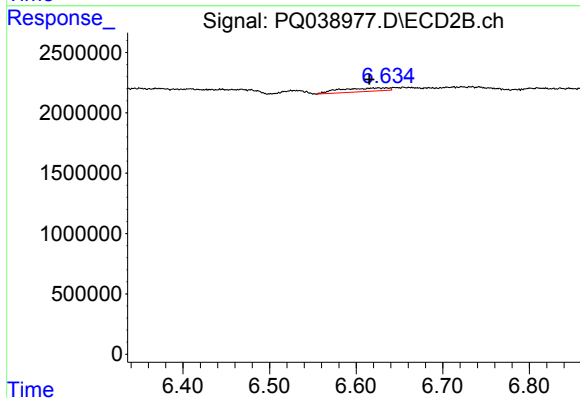
R.T.: 6.529 min
Delta R.T.: 0.017 min
Response: 504914
Conc: 7.53 ng/ml



#19 AR-1242-4

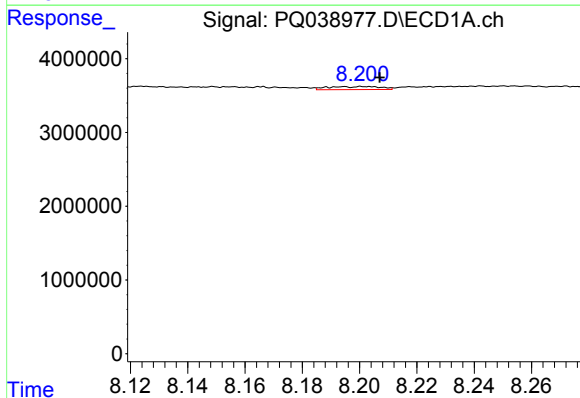
R.T.: 7.376 min
Delta R.T.: -0.008 min
Response: 1362588
Conc: 11.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



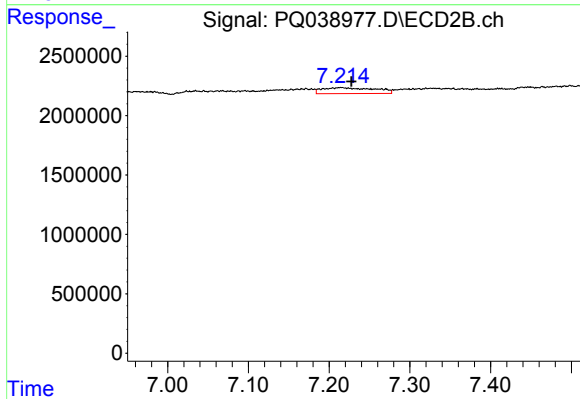
#19 AR-1242-4

R.T.: 6.626 min
Delta R.T.: 0.011 min
Response: 1145594
Conc: 16.96 ng/ml



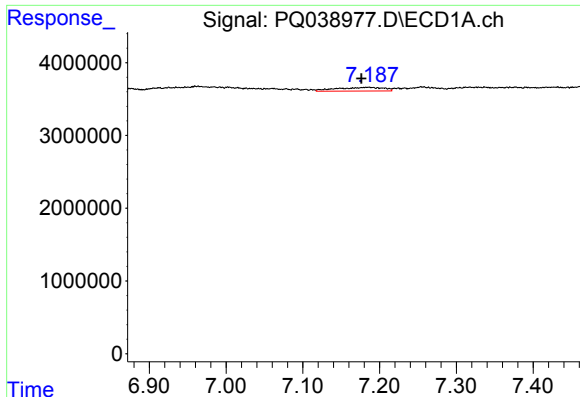
#20 AR-1242-5

R.T.: 8.202 min
Delta R.T.: -0.005 min
Response: 549541
Conc: 4.05 ng/ml



#20 AR-1242-5

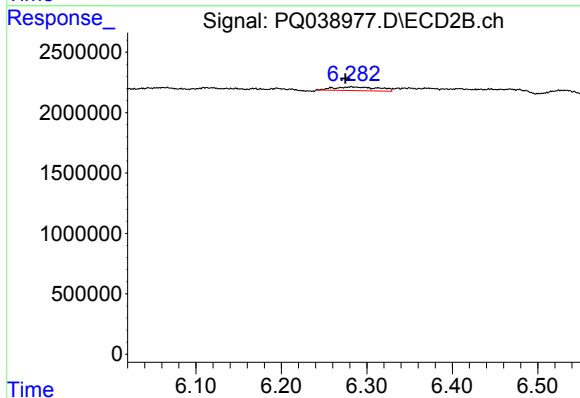
R.T.: 7.214 min
Delta R.T.: -0.013 min
Response: 2292860
Conc: 24.01 ng/ml



#21 AR-1248-1

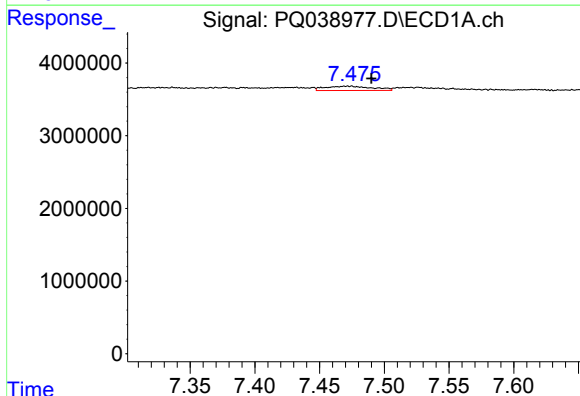
R.T.: 7.185 min
Delta R.T.: 0.009 min
Response: 2163774
Conc: 20.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



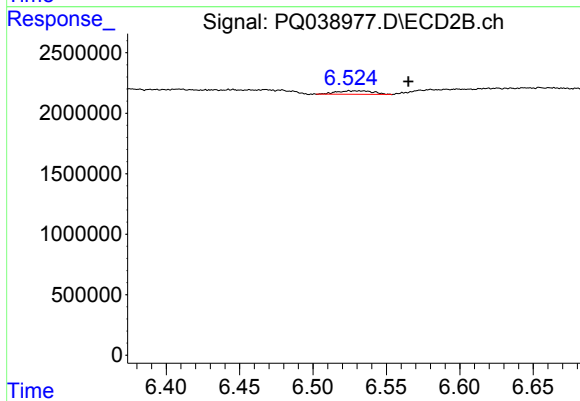
#21 AR-1248-1

R.T.: 6.282 min
Delta R.T.: 0.007 min
Response: 1129818
Conc: 18.74 ng/ml



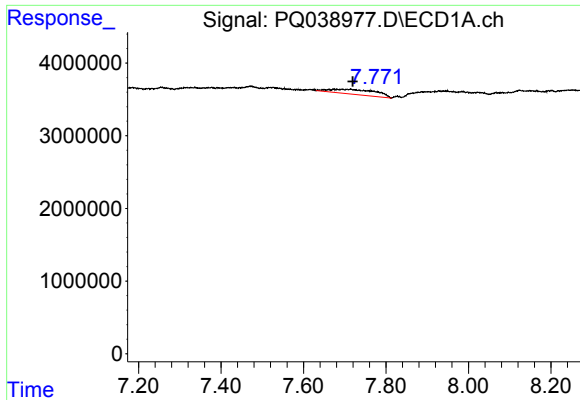
#22 AR-1248-2

R.T.: 7.472 min
Delta R.T.: -0.018 min
Response: 1492051
Conc: 9.97 ng/ml



#22 AR-1248-2

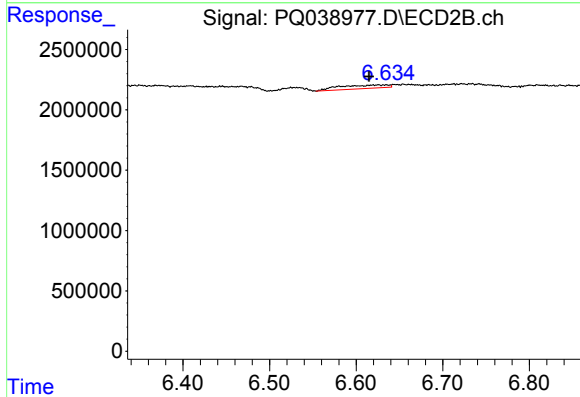
R.T.: 6.529 min
Delta R.T.: -0.036 min
Response: 504914
Conc: 5.97 ng/ml



#23 AR-1248-3

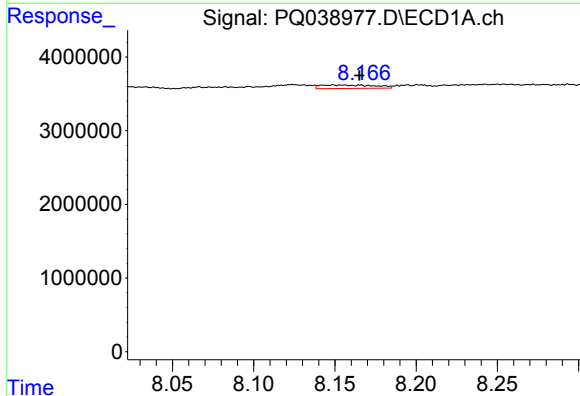
R.T.: 7.680 min
Delta R.T.: -0.039 min
Response: 5163337
Conc: 28.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



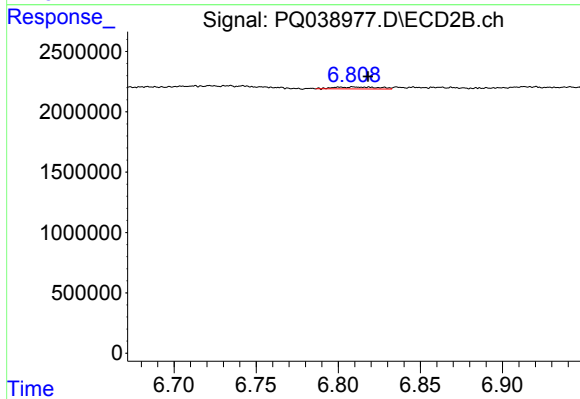
#23 AR-1248-3

R.T.: 6.626 min
Delta R.T.: 0.011 min
Response: 1145594
Conc: 12.90 ng/ml



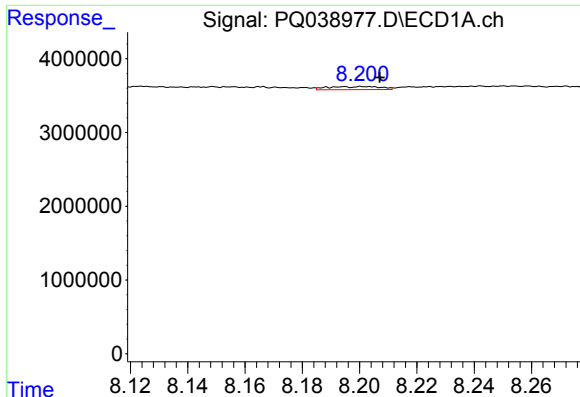
#24 AR-1248-4

R.T.: 8.149 min
Delta R.T.: -0.016 min
Response: 1087100
Conc: 5.35 ng/ml



#24 AR-1248-4

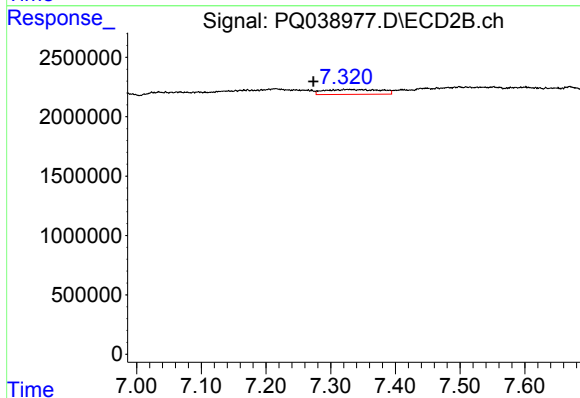
R.T.: 6.801 min
Delta R.T.: -0.017 min
Response: 288509
Conc: 2.52 ng/ml



#25 AR-1248-5

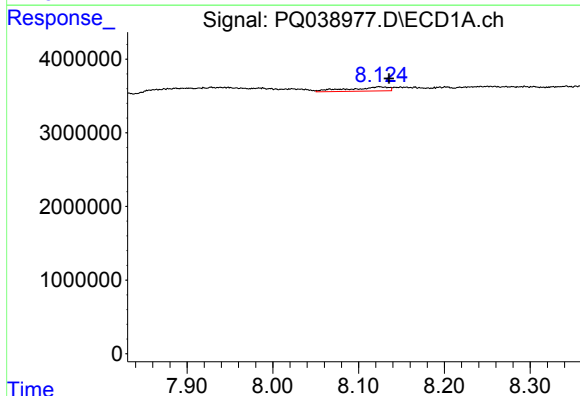
R.T.: 8.202 min
Delta R.T.: -0.005 min
Response: 549541
Conc: 2.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



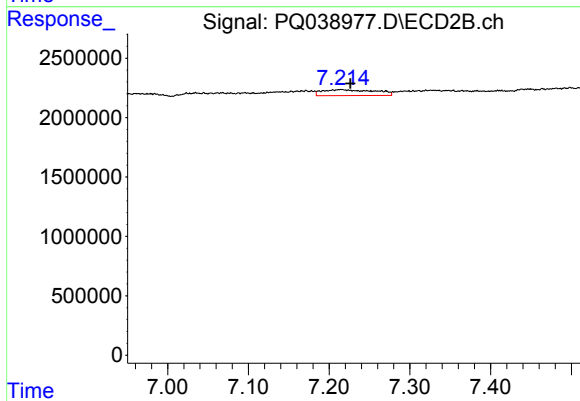
#25 AR-1248-5

R.T.: 7.329 min
Delta R.T.: 0.055 min
Response: 2522696
Conc: 21.91 ng/ml



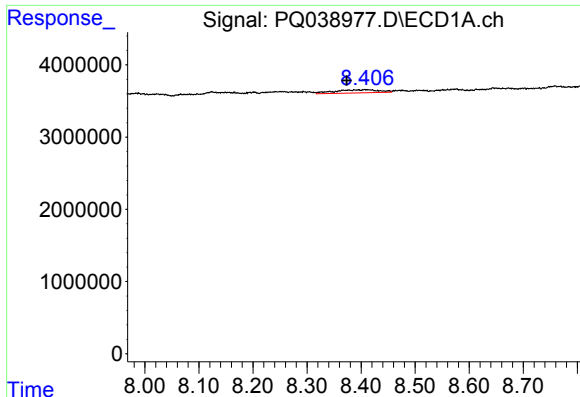
#26 AR-1254-1

R.T.: 8.124 min
Delta R.T.: -0.011 min
Response: 1832377
Conc: 8.49 ng/ml



#26 AR-1254-1

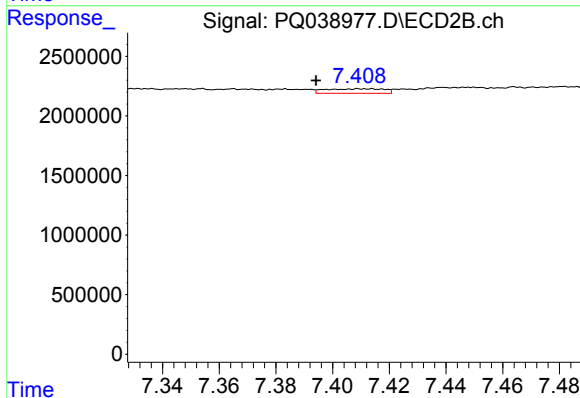
R.T.: 7.214 min
Delta R.T.: -0.012 min
Response: 2292860
Conc: 12.48 ng/ml



#27 AR-1254-2

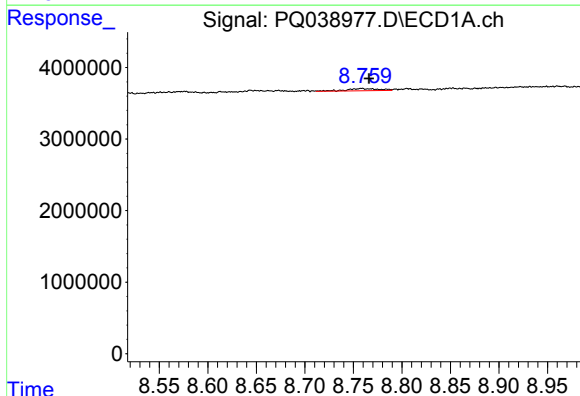
R.T.: 8.409 min
Delta R.T.: 0.035 min
Response: 2523337
Conc: 7.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



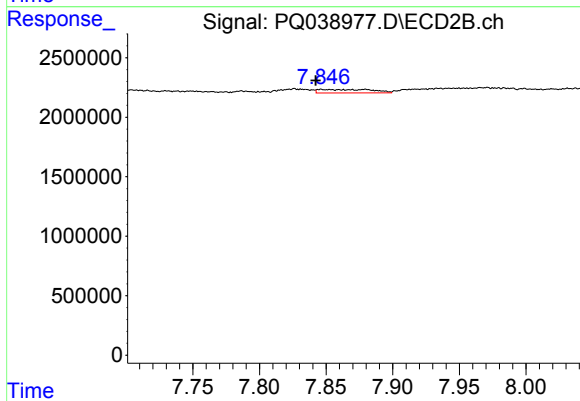
#27 AR-1254-2

R.T.: 7.411 min
Delta R.T.: 0.017 min
Response: 541225
Conc: 3.34 ng/ml



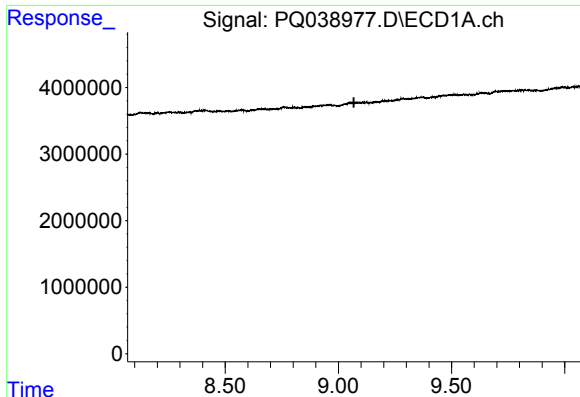
#28 AR-1254-3

R.T.: 8.758 min
Delta R.T.: -0.008 min
Response: 708941
Conc: 1.91 ng/ml



#28 AR-1254-3

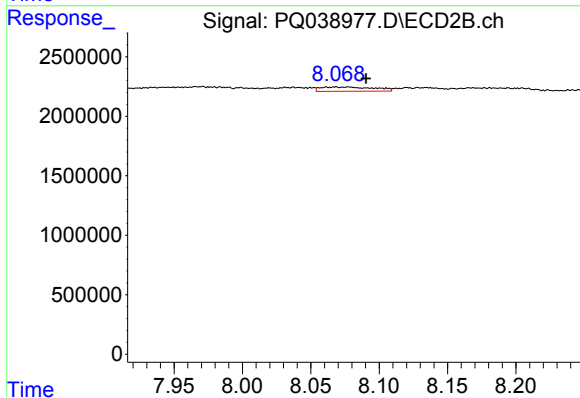
R.T.: 7.847 min
Delta R.T.: 0.005 min
Response: 827991
Conc: 2.93 ng/ml



#29 AR-1254-4

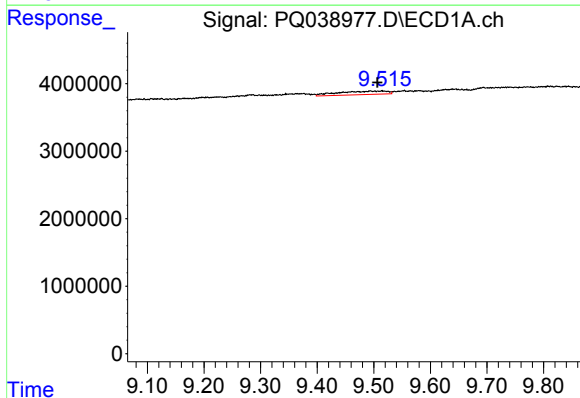
R.T.: 0.000 min
Exp R.T.: 9.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF886



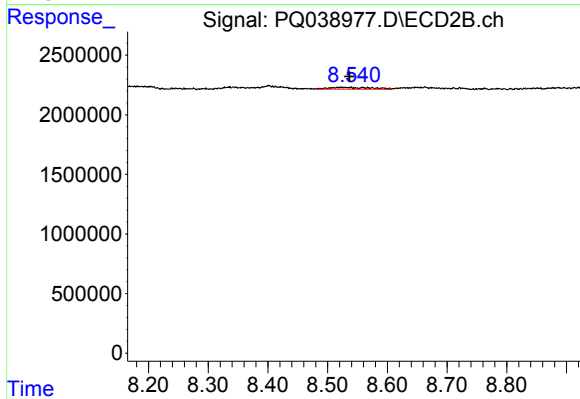
#29 AR-1254-4

R.T.: 8.069 min
Delta R.T.: -0.022 min
Response: 986911
Conc: 5.95 ng/ml



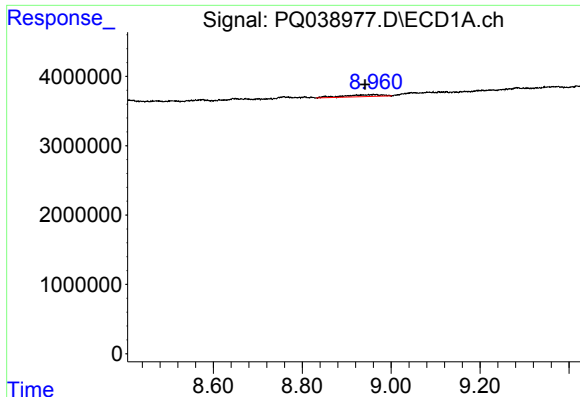
#30 AR-1254-5

R.T.: 9.514 min
Delta R.T.: 0.007 min
Response: 3104245
Conc: 10.42 ng/ml



#30 AR-1254-5

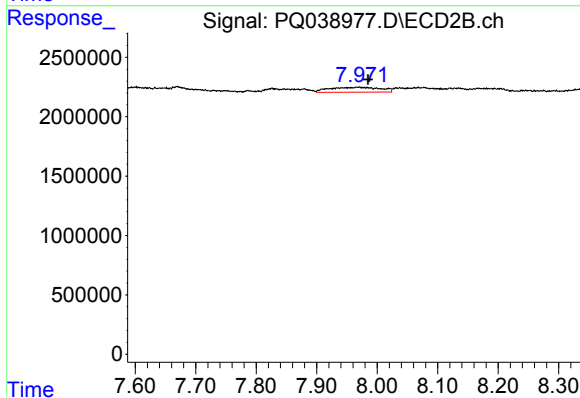
R.T.: 8.521 min
Delta R.T.: -0.015 min
Response: 692243
Conc: 2.81 ng/ml



#31 AR-1260-1

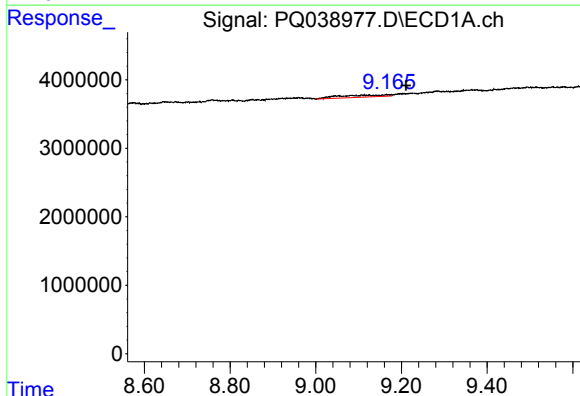
R.T.: 8.963 min
Delta R.T.: 0.022 min
Response: 1684683
Conc: 3.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



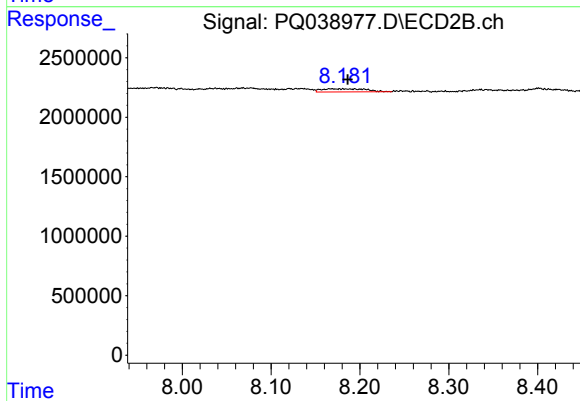
#31 AR-1260-1

R.T.: 7.969 min
Delta R.T.: -0.016 min
Response: 2421405
Conc: 7.99 ng/ml



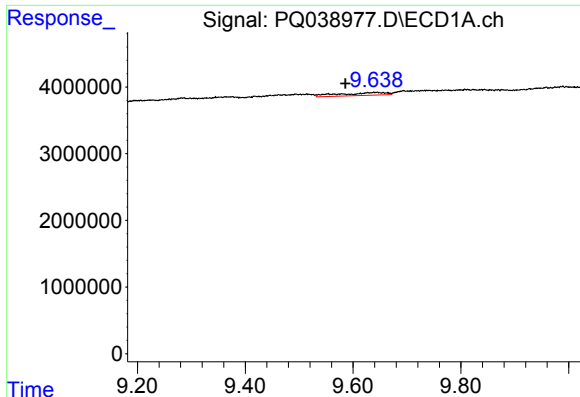
#32 AR-1260-2

R.T.: 9.166 min
Delta R.T.: -0.045 min
Response: 2418437
Conc: 4.26 ng/ml



#32 AR-1260-2

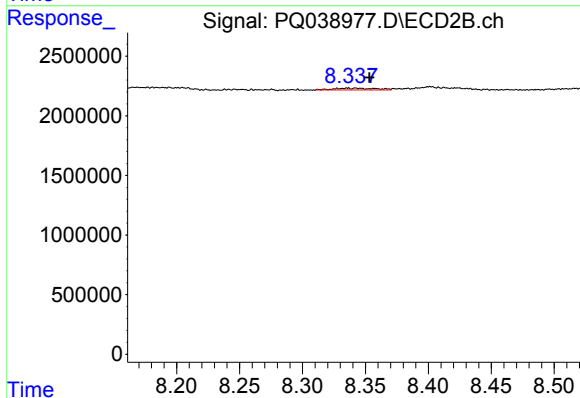
R.T.: 8.180 min
Delta R.T.: -0.006 min
Response: 880677
Conc: 2.38 ng/ml



#33 AR-1260-3

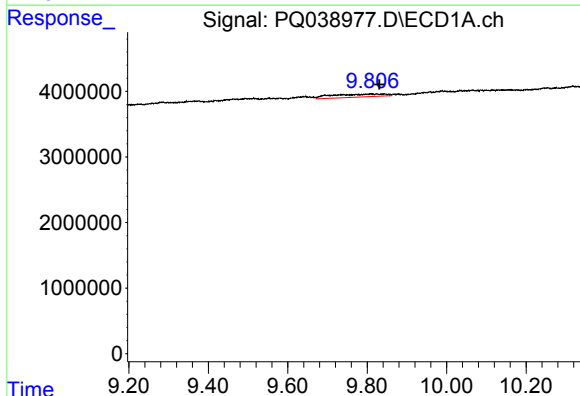
R.T.: 9.643 min
Delta R.T.: 0.058 min
Response: 2564236
Conc: 5.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



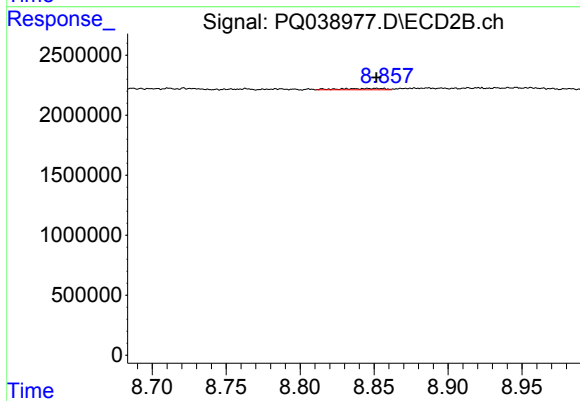
#33 AR-1260-3

R.T.: 8.342 min
Delta R.T.: -0.011 min
Response: 348871
Conc: 1.00 ng/ml



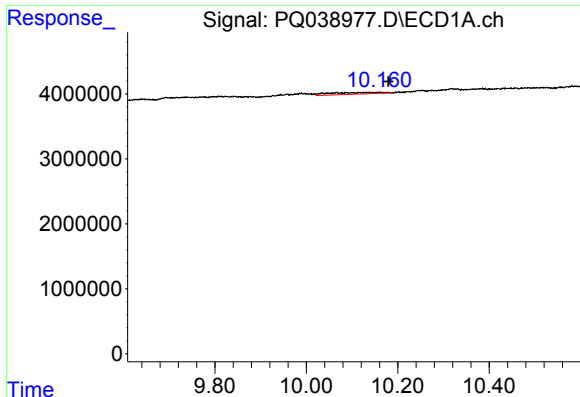
#34 AR-1260-4

R.T.: 9.812 min
Delta R.T.: -0.019 min
Response: 4230667
Conc: 8.24 ng/ml



#34 AR-1260-4

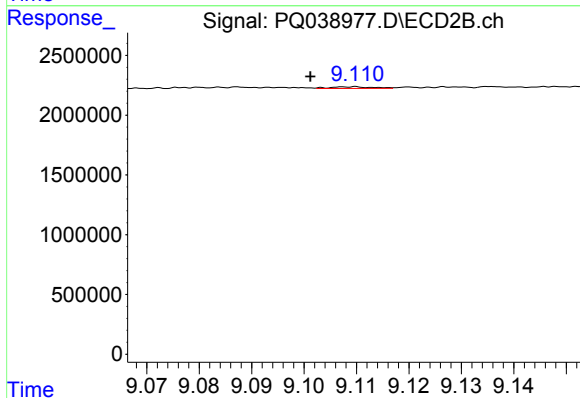
R.T.: 8.852 min
Delta R.T.: 0.000 min
Response: 233374
Conc: 0.81 ng/ml



#35 AR-1260-5

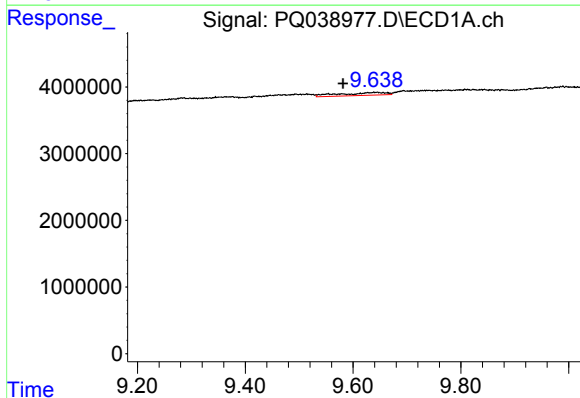
R.T.: 10.139 min
Delta R.T.: -0.040 min
Response: 2054221
Conc: 1.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



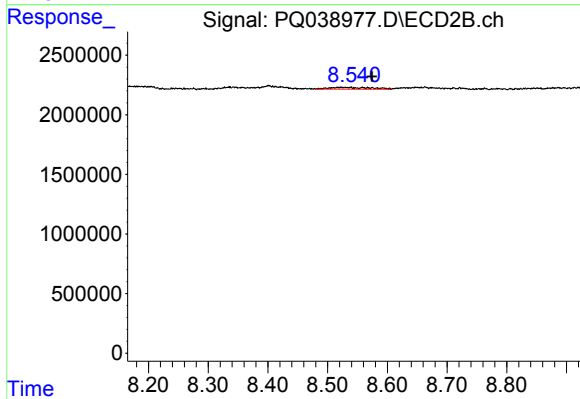
#35 AR-1260-5

R.T.: 9.109 min
Delta R.T.: 0.008 min
Response: 74608
Conc: 0.11 ng/ml



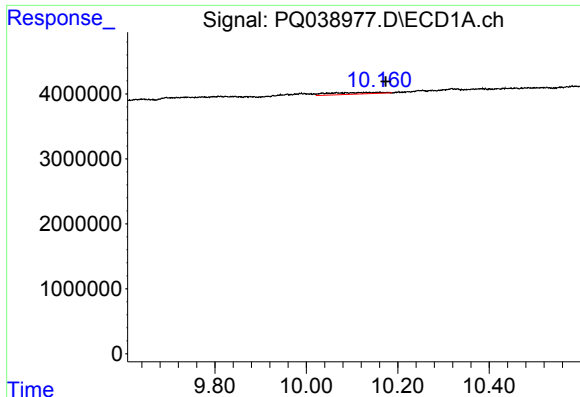
#36 AR-1262-1

R.T.: 9.643 min
Delta R.T.: 0.062 min
Response: 2564236
Conc: 6.90 ng/ml



#36 AR-1262-1

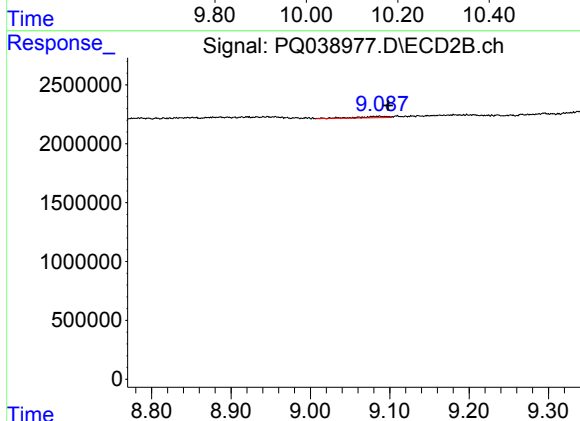
R.T.: 8.521 min
Delta R.T.: -0.053 min
Response: 692243
Conc: 2.64 ng/ml



#37 AR-1262-2

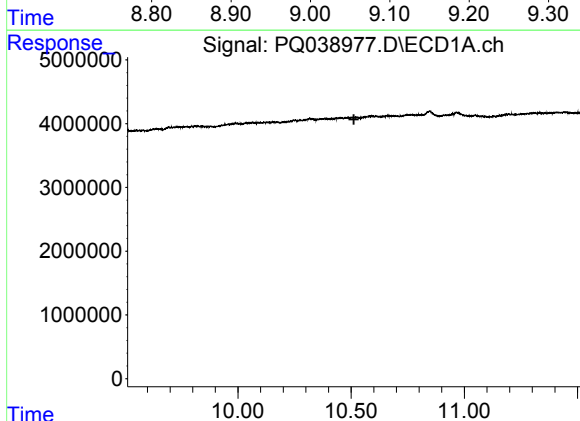
R.T.: 10.139 min
Delta R.T.: -0.035 min
Response: 2054221
Conc: 3.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



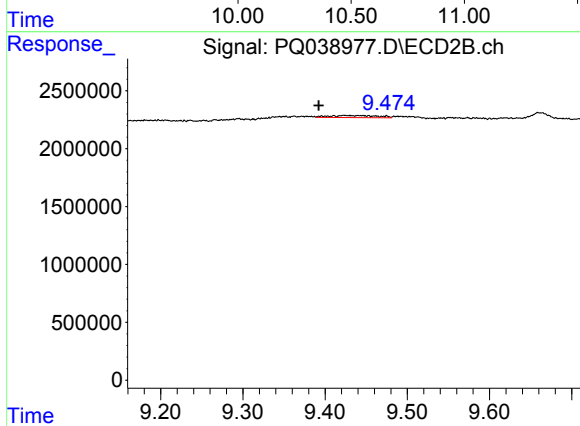
#37 AR-1262-2

R.T.: 9.087 min
Delta R.T.: -0.011 min
Response: 305704
Conc: 0.64 ng/ml



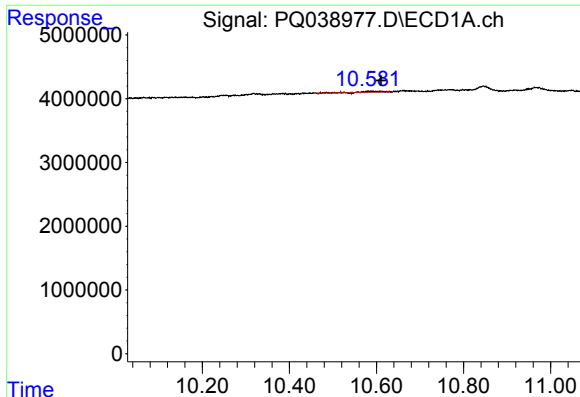
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.512 min
Response: 0
Conc: N.D.



#38 AR-1262-3

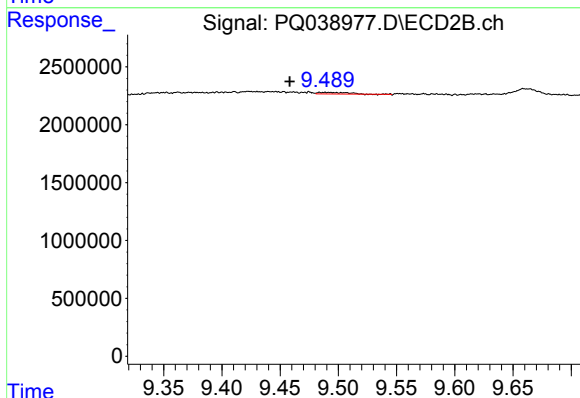
R.T.: 9.411 min
Delta R.T.: 0.019 min
Response: 743148
Conc: 3.83 ng/ml



#39 AR-1262-4

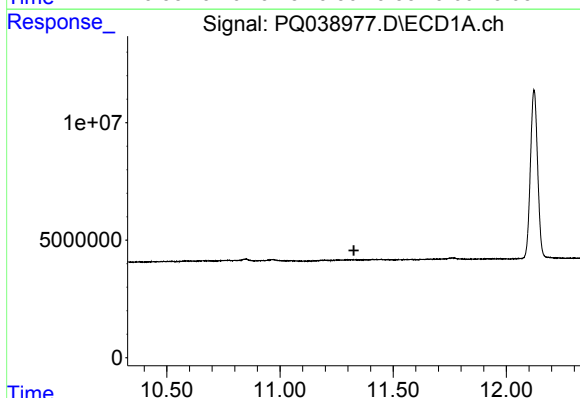
R.T.: 10.608 min
Delta R.T.: -0.003 min
Response: 475857
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



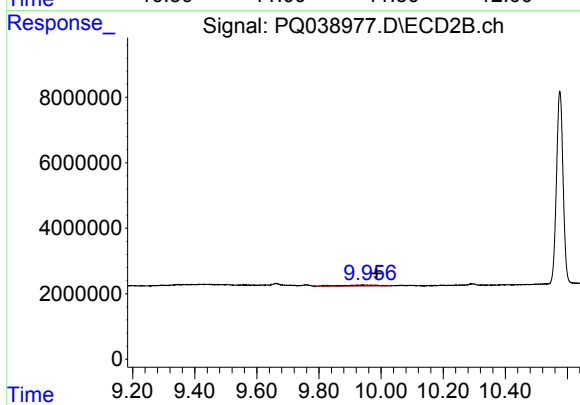
#39 AR-1262-4

R.T.: 9.489 min
Delta R.T.: 0.031 min
Response: 246364
Conc: 0.67 ng/ml



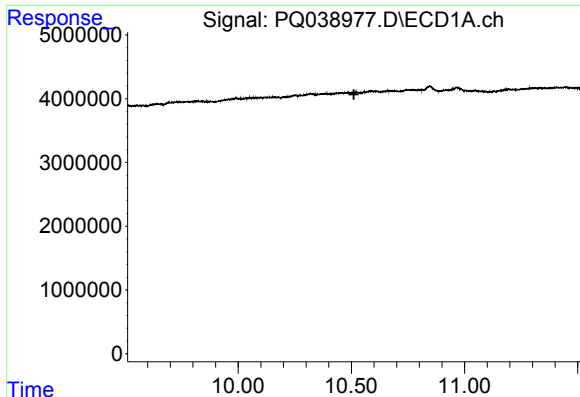
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.326 min
Response: 0
Conc: N.D.



#40 AR-1262-5

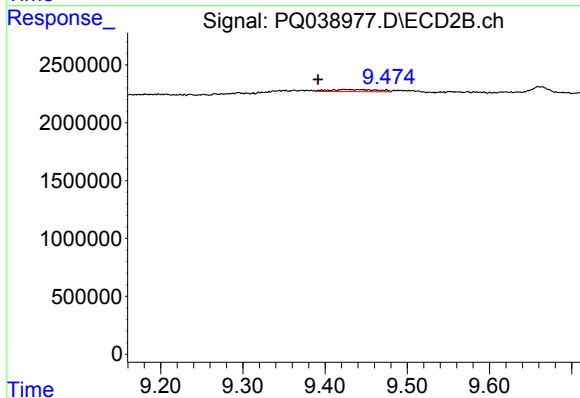
R.T.: 9.955 min
Delta R.T.: -0.031 min
Response: 2812294
Conc: 18.62 ng/ml



#41 AR-1268-1

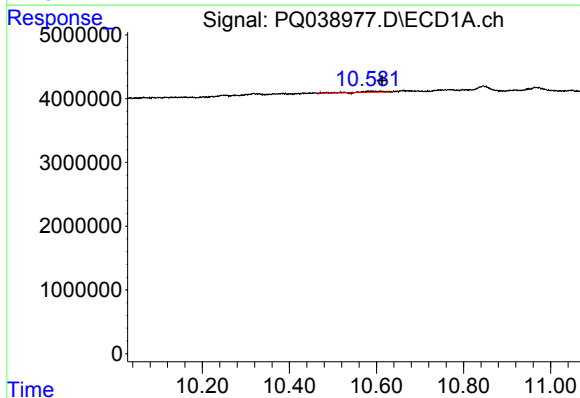
R.T.: 0.000 min
Exp R.T.: 10.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF886



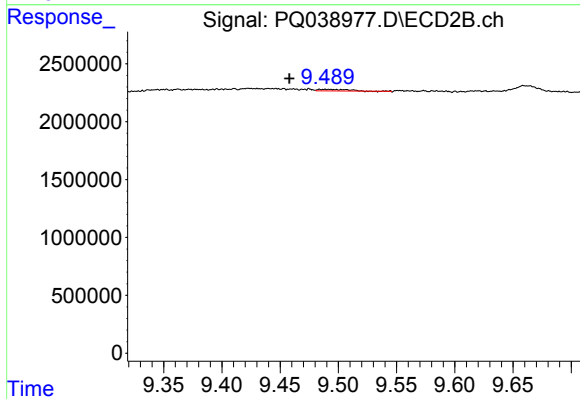
#41 AR-1268-1

R.T.: 9.411 min
Delta R.T.: 0.020 min
Response: 743148
Conc: 0.74 ng/ml



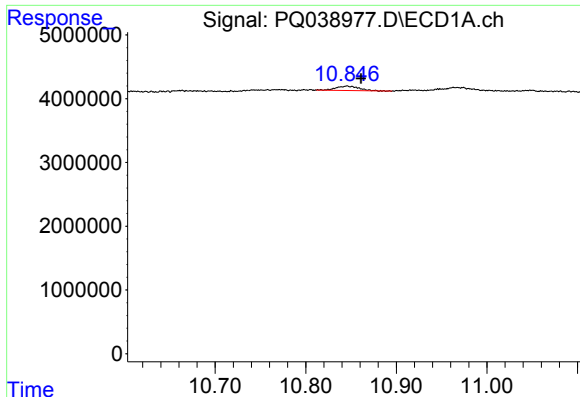
#42 AR-1268-2

R.T.: 10.608 min
Delta R.T.: -0.006 min
Response: 475857
Conc: 0.34 ng/ml



#42 AR-1268-2

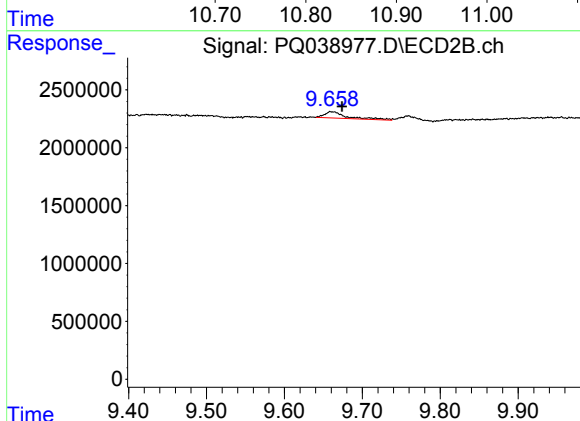
R.T.: 9.489 min
Delta R.T.: 0.031 min
Response: 246364
Conc: 0.26 ng/ml



#43 AR-1268-3

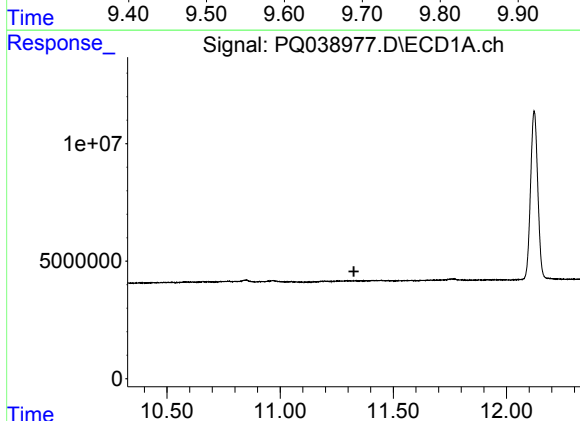
R.T.: 10.846 min
Delta R.T.: -0.015 min
Response: 1207381
Conc: 0.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



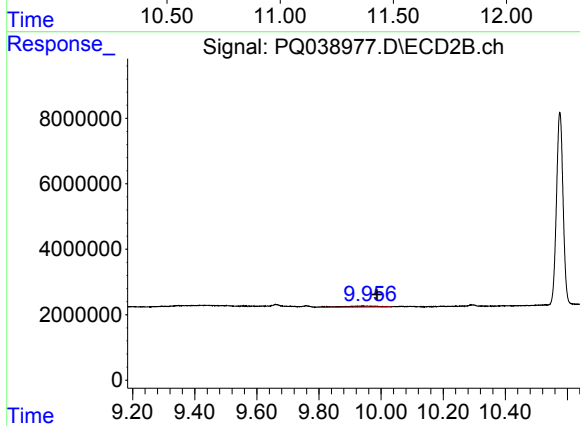
#43 AR-1268-3

R.T.: 9.661 min
Delta R.T.: -0.013 min
Response: 1071693
Conc: 1.36 ng/ml



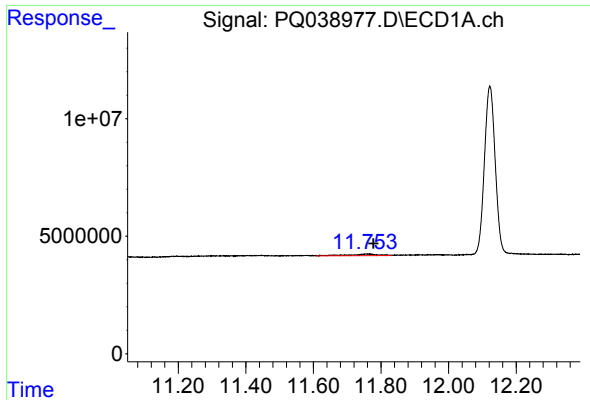
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.326 min
Response: 0
Conc: N.D.



#44 AR-1268-4

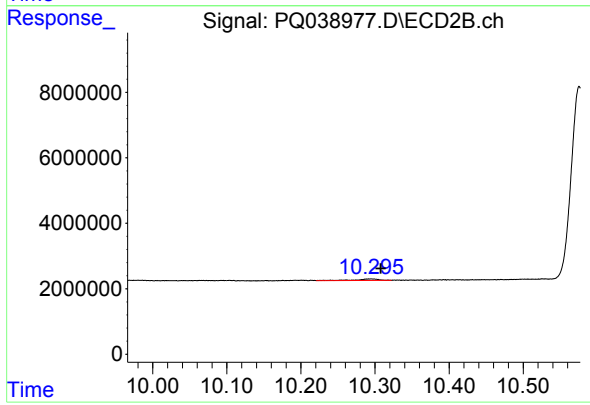
R.T.: 9.955 min
Delta R.T.: -0.032 min
Response: 2812294
Conc: 9.05 ng/ml



#45 AR-1268-5

R.T.: 11.760 min
Delta R.T.: -0.017 min
Response: 3977632
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF886



#45 AR-1268-5

R.T.: 10.294 min
Delta R.T.: -0.013 min
Response: 923849
Conc: 0.37 ng/ml