

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020520\
 Data File : PQ046381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2020 18:00
 Operator : AJ\MA
 Sample : PB126602BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 00:39:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 05 15:38:19 2020
 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...	5.213	4.364	76170983	39125501	11.109	11.510
2)	SA Decachlor...	11.347	9.778	99939515	81345014	15.591	13.448
Target Compounds							
3)	L1 AR-1016-1	0.000	5.708	0	219358	N.D.	1.767 #
4)	L1 AR-1016-2	6.603	5.708	1807222	219358	4.462	1.101 #
5)	L1 AR-1016-3	6.603	5.872	1807222	290297	7.267	2.988 #
6)	L1 AR-1016-4	6.735	5.917	2224221	335194	10.805	3.985 #
7)	L1 AR-1016-5	0.000	6.145	0	1213516	N.D.	11.168 #
8)	L2 AR-1221-1	0.000	4.595	0	482776	N.D.	13.923 #
9)	L2 AR-1221-2	0.000	4.724	0	772739	N.D.	29.507 #
10)	L2 AR-1221-3	0.000	4.834	0	72218	N.D.	0.818 #
11)	L3 AR-1232-1	0.000	4.834	0	72218	N.D.	1.174 #
12)	L3 AR-1232-2	6.267	5.708	20560095	219358	282.713	3.136 #
13)	L3 AR-1232-3	6.603	5.872	1807222	290297	12.802	8.893 #
14)	L3 AR-1232-4	6.735	5.937	2224221	138307	31.266	4.453 #
15)	L3 AR-1232-5	0.000	6.145	0	1213516	N.D.	35.414 #
16)	L4 AR-1242-1	0.000	5.708	0	219358	N.D.	2.758 #
17)	L4 AR-1242-2	6.603	5.708	1807222	219358	6.841	1.616 #
18)	L4 AR-1242-3	6.603	5.872	1807222	290297	10.900	4.579 #
19)	L4 AR-1242-4	6.735	5.937	2224221	138307	16.397	2.053 #
20)	L4 AR-1242-5	7.489	6.451	1668923	194679	10.596	2.170 #
21)	L5 AR-1248-1	0.000	5.708	0	219358	N.D.	3.175 #
22)	L5 AR-1248-2	0.000	5.917	0	335194	N.D.	3.257 #
23)	L5 AR-1248-3	0.000	5.937	0	138307	N.D.	1.301 #
24)	L5 AR-1248-4	7.489	6.145	1668923	1213516	6.151	9.393 #
25)	L5 AR-1248-5	7.489	0.000	1668923	0	6.114	N.D. #
26)	L6 AR-1254-1	7.384	6.451	1395347	194679	5.079	0.946 #
28)	L6 AR-1254-3	8.055	7.094	2772319	2278489	6.183	7.151
29)	L6 AR-1254-4	8.321	0.000	933342	0	2.842	N.D. #
30)	L6 AR-1254-5	8.725	7.771	973517	599158	2.856	2.014 #
31)	L7 AR-1260-1	8.273	7.252	2054412	2012062	5.698	8.527 #
32)	L7 AR-1260-2	8.441	7.416	3122369	602001	7.500	2.065 #
33)	L7 AR-1260-3	0.000	7.605	0	1442984	N.D.	5.084 #
34)	L7 AR-1260-4	0.000	8.065	0	544286	N.D.	2.220 #
35)	L7 AR-1260-5	9.450	8.341	547253	1644768	0.832	2.656 #
36)	L8 AR-1262-1	0.000	7.771	0	599158	N.D.	3.576 #
37)	L8 AR-1262-2	9.450	8.341	547253	1644768	0.752	2.457 #
38)	L8 AR-1262-3	9.697	8.662	217973	1100611	0.438	4.109 #
39)	L8 AR-1262-4	0.000	8.662	0	1100611	N.D.	2.090 #
40)	L8 AR-1262-5	0.000	9.189	0	133904	N.D.	0.569 #
41)	L9 AR-1268-1	9.697	8.662	217973	1100611	0.260	1.399 #
42)	L9 AR-1268-2	0.000	8.662	0	1100611	N.D.	1.409 #

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 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	10.093	8.899	326754	7991857	0.490	12.597 #
44) L9	AR-1268-4	0.000	9.189	0	133904	N.D.	0.481 #
45) L9	AR-1268-5	10.986	9.501	3137004	850409	1.443	0.398 #

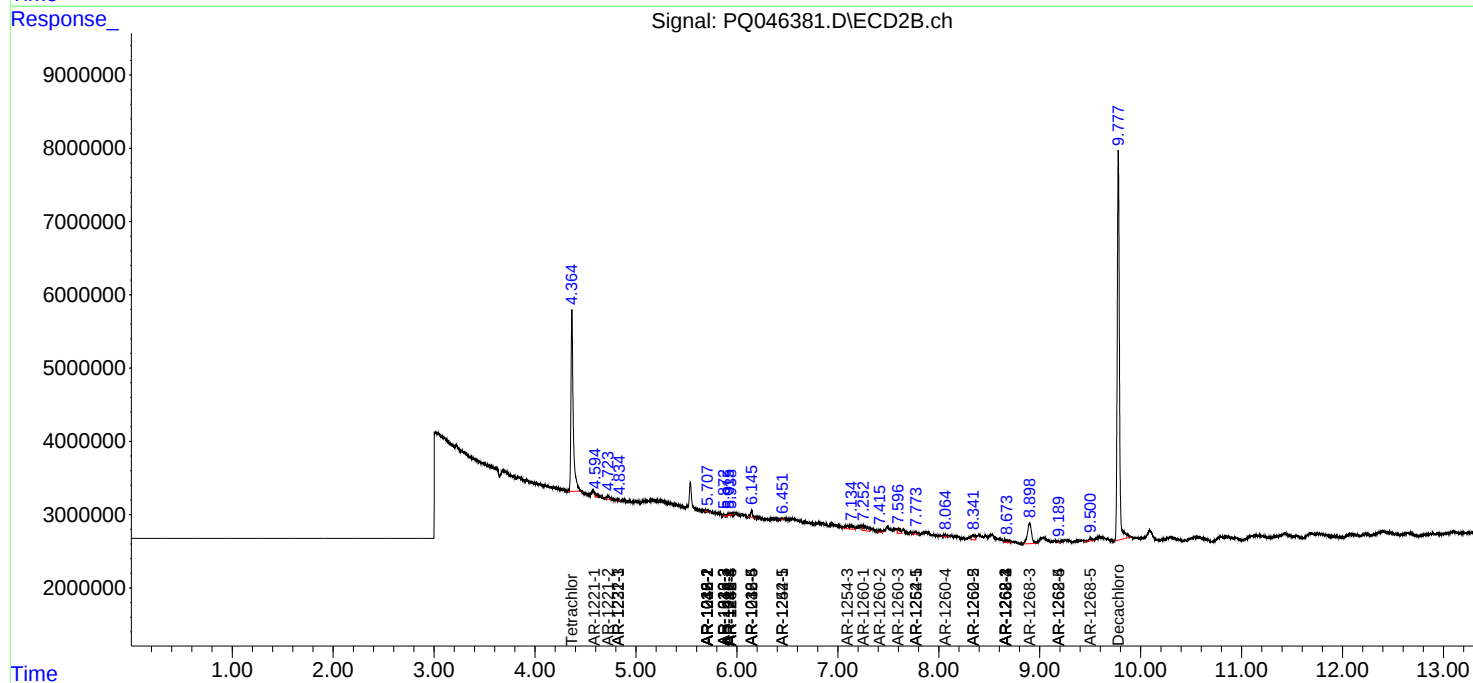
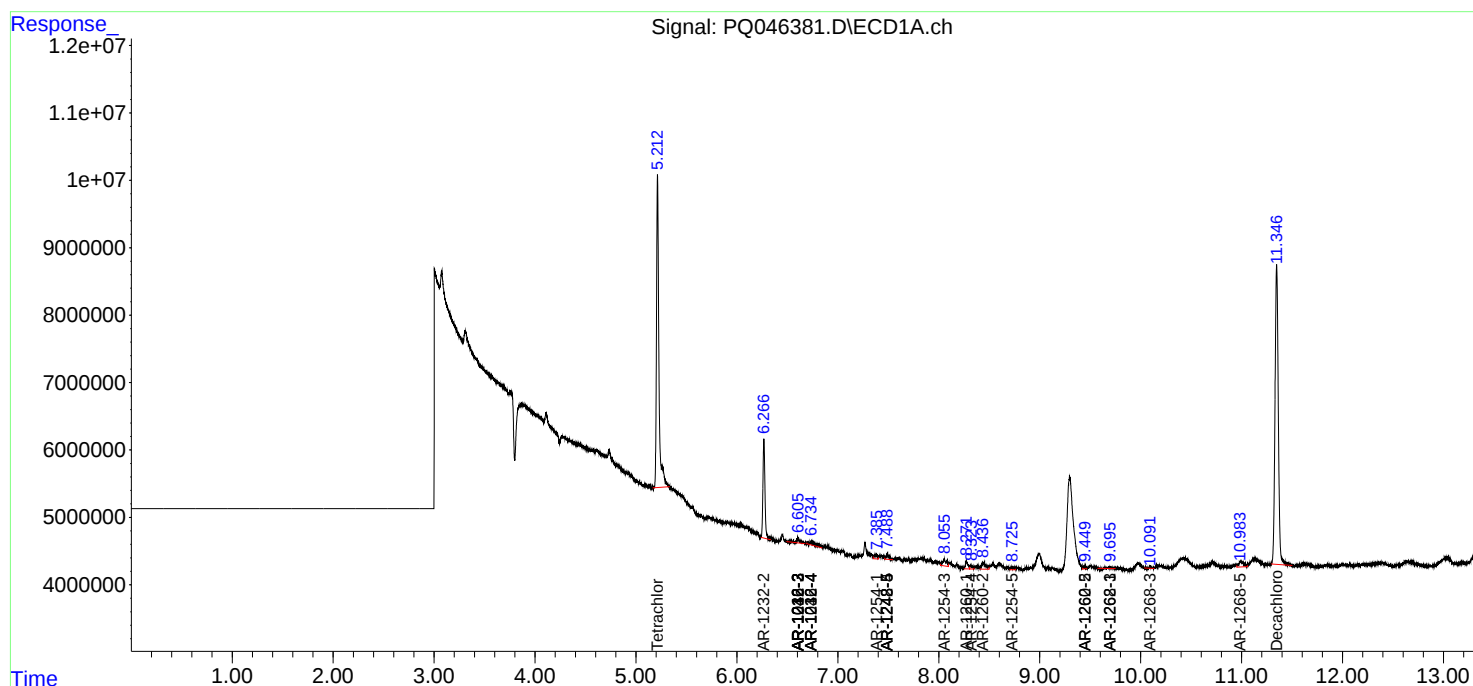
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

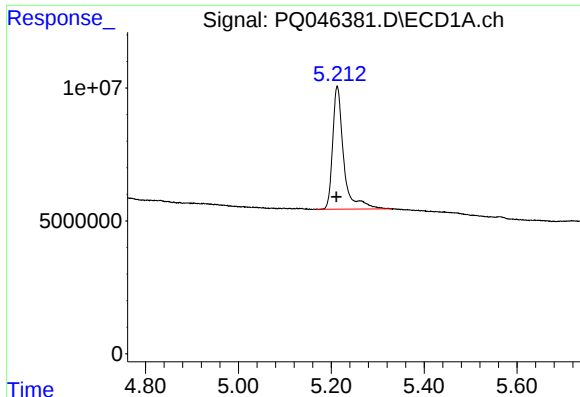
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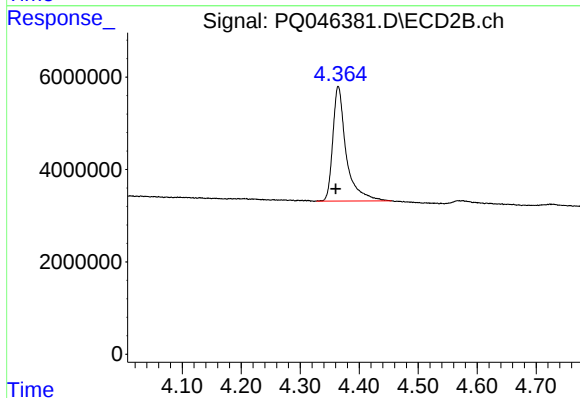




#1 Tetrachloro-m-xylene

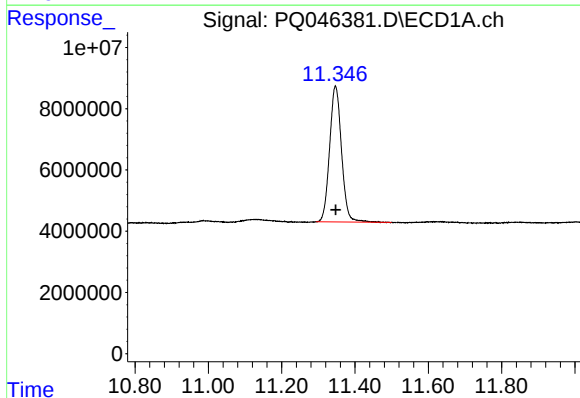
R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 76170983
Conc: 11.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



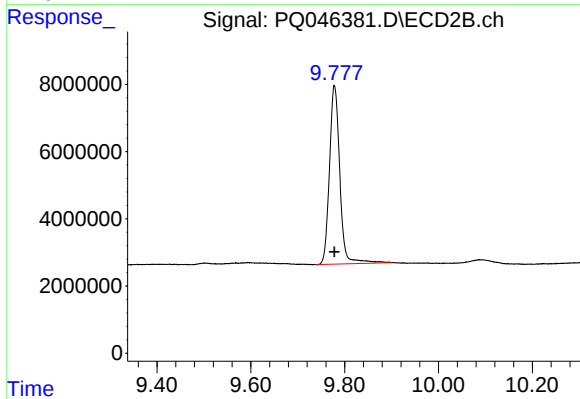
#1 Tetrachloro-m-xylene

R.T.: 4.364 min
Delta R.T.: 0.004 min
Response: 39125501
Conc: 11.51 ng/ml



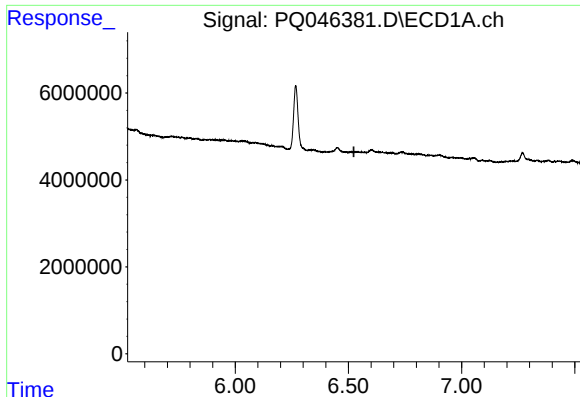
#2 Decachlorobiphenyl

R.T.: 11.347 min
Delta R.T.: 0.000 min
Response: 99939515
Conc: 15.59 ng/ml



#2 Decachlorobiphenyl

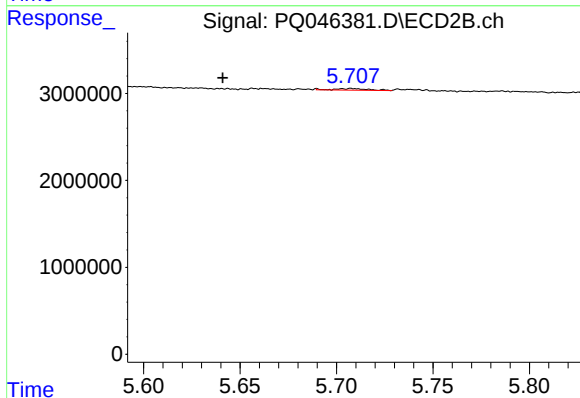
R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 81345014
Conc: 13.45 ng/ml



#3 AR-1016-1

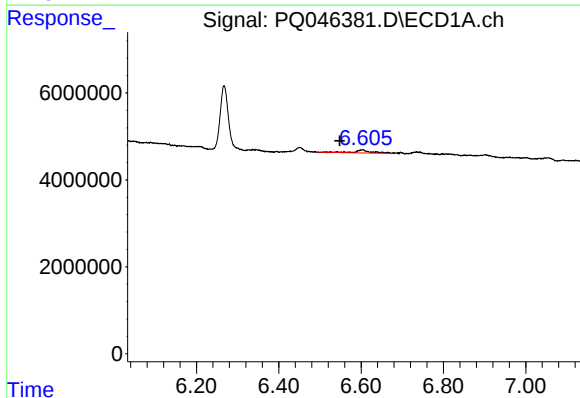
R.T.: 0.000 min
Exp R.T.: 6.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



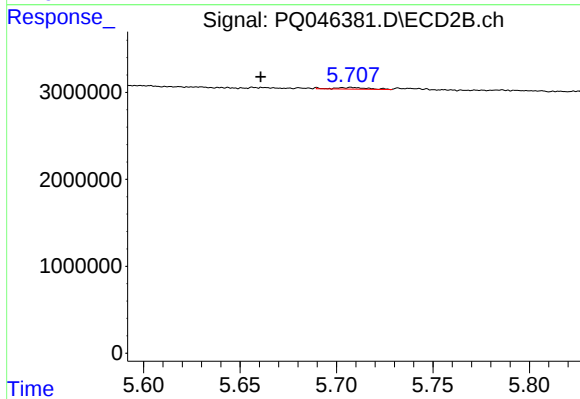
#3 AR-1016-1

R.T.: 5.708 min
Delta R.T.: 0.067 min
Response: 219358
Conc: 1.77 ng/ml



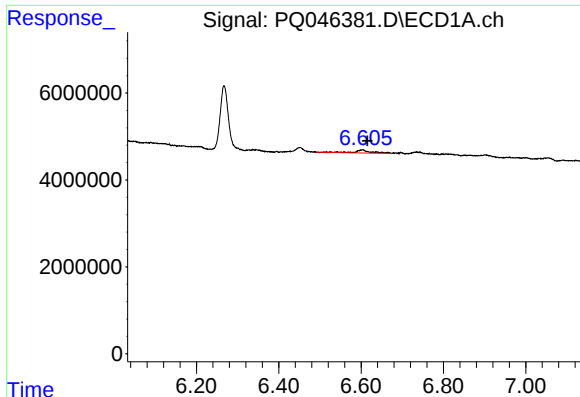
#4 AR-1016-2

R.T.: 6.603 min
Delta R.T.: 0.055 min
Response: 1807222
Conc: 4.46 ng/ml



#4 AR-1016-2

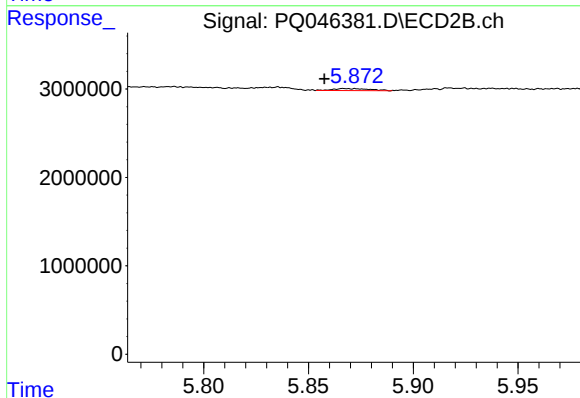
R.T.: 5.708 min
Delta R.T.: 0.047 min
Response: 219358
Conc: 1.10 ng/ml



#5 AR-1016-3

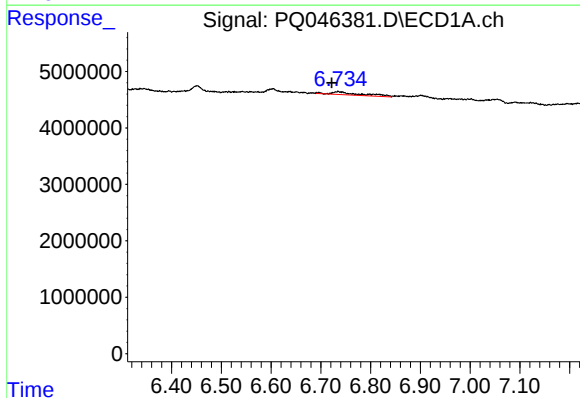
R.T.: 6.603 min
Delta R.T.: -0.012 min
Response: 1807222
Conc: 7.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



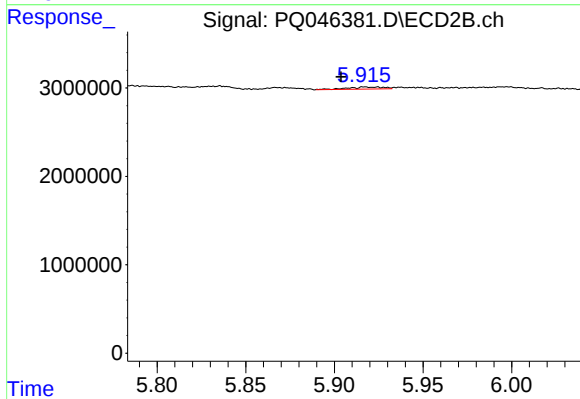
#5 AR-1016-3

R.T.: 5.872 min
Delta R.T.: 0.014 min
Response: 290297
Conc: 2.99 ng/ml



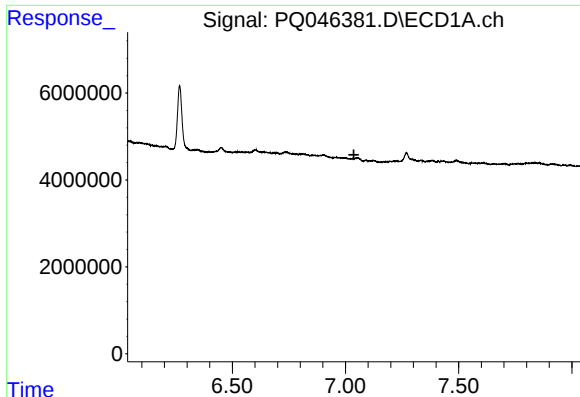
#6 AR-1016-4

R.T.: 6.735 min
Delta R.T.: 0.013 min
Response: 2224221
Conc: 10.81 ng/ml



#6 AR-1016-4

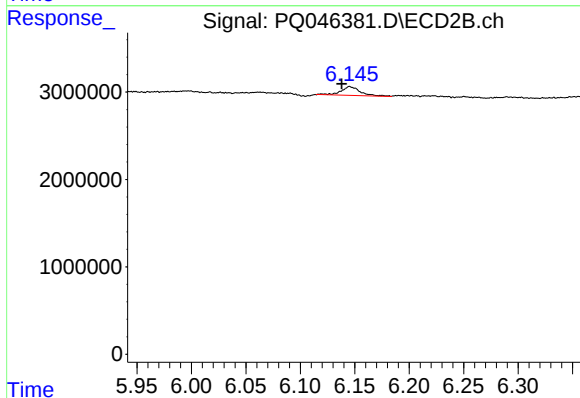
R.T.: 5.917 min
Delta R.T.: 0.014 min
Response: 335194
Conc: 3.99 ng/ml



#7 AR-1016-5

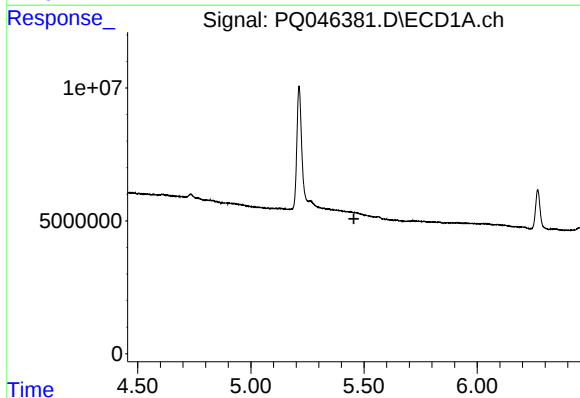
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



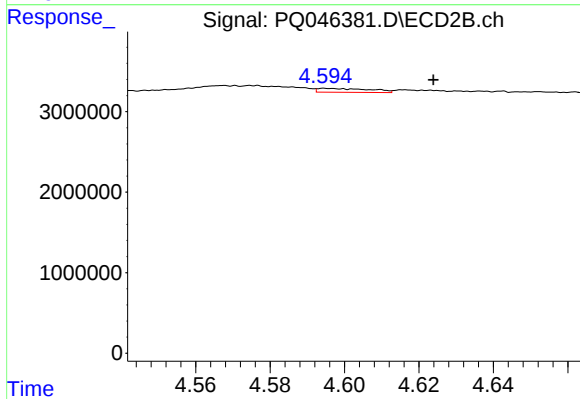
#7 AR-1016-5

R.T.: 6.145 min
Delta R.T.: 0.007 min
Response: 1213516
Conc: 11.17 ng/ml



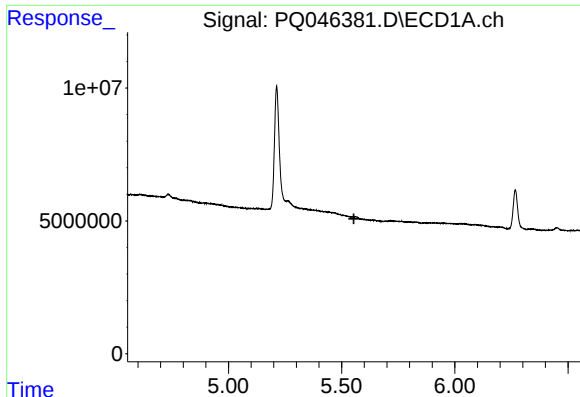
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.455 min
Response: 0
Conc: N.D.



#8 AR-1221-1

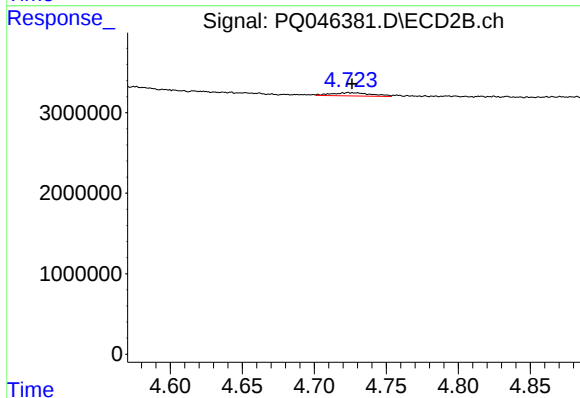
R.T.: 4.595 min
Delta R.T.: -0.029 min
Response: 482776
Conc: 13.92 ng/ml



#9 AR-1221-2

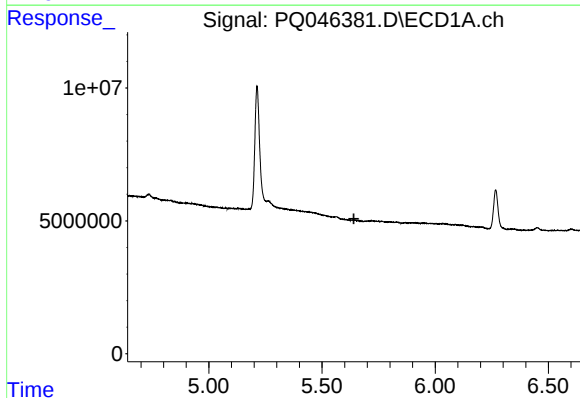
R.T.: 0.000 min
Exp R.T.: 5.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



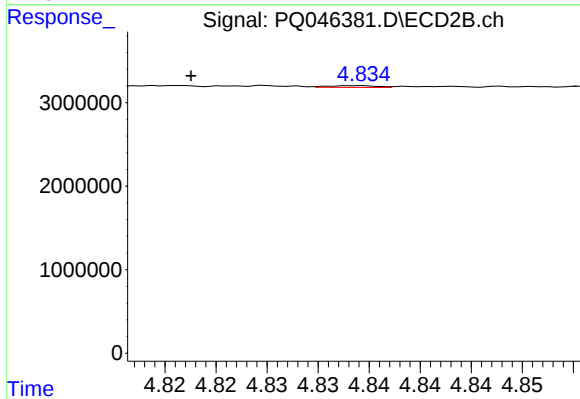
#9 AR-1221-2

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 772739
Conc: 29.51 ng/ml



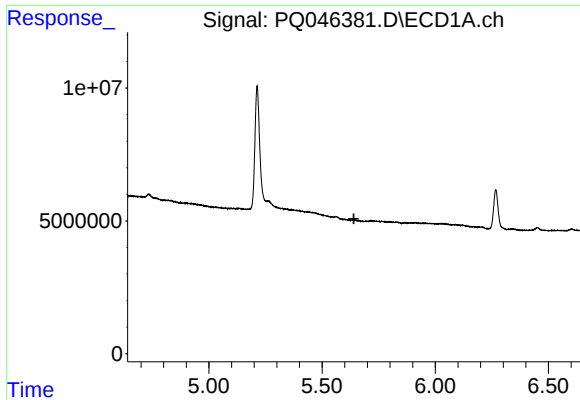
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.641 min
Response: 0
Conc: N.D.



#10 AR-1221-3

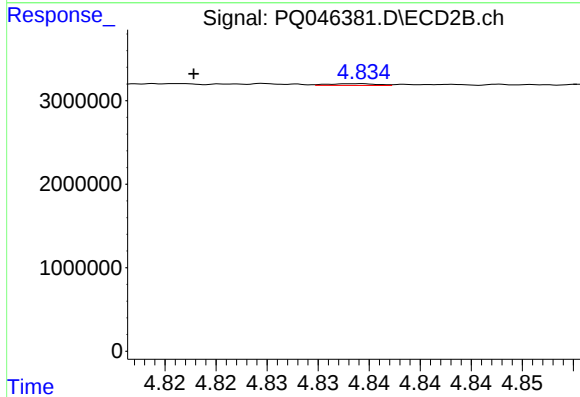
R.T.: 4.834 min
Delta R.T.: 0.017 min
Response: 72218
Conc: 0.82 ng/ml



#11 AR-1232-1

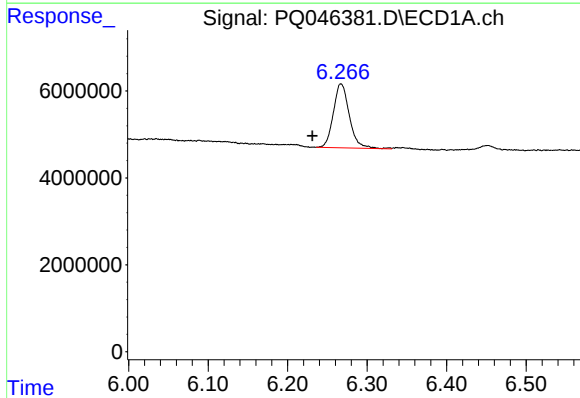
R.T.: 0.000 min
Exp R.T.: 5.640 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



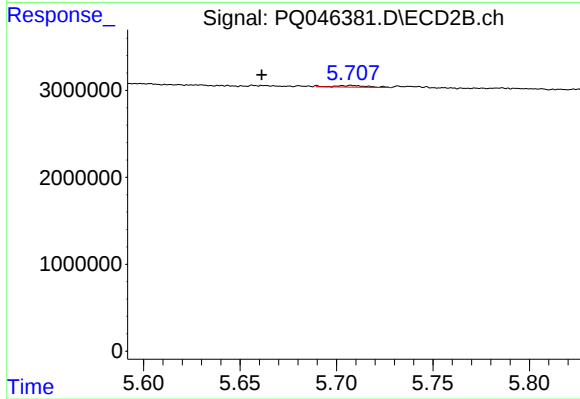
#11 AR-1232-1

R.T.: 4.834 min
Delta R.T.: 0.016 min
Response: 72218
Conc: 1.17 ng/ml



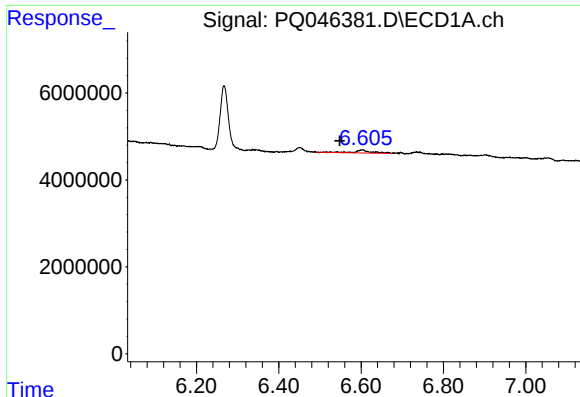
#12 AR-1232-2

R.T.: 6.267 min
Delta R.T.: 0.036 min
Response: 20560095
Conc: 282.71 ng/ml



#12 AR-1232-2

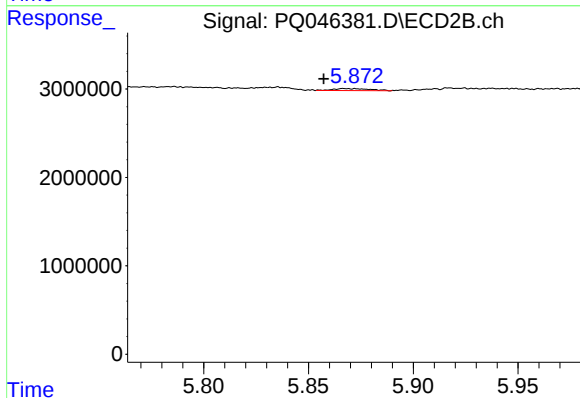
R.T.: 5.708 min
Delta R.T.: 0.047 min
Response: 219358
Conc: 3.14 ng/ml



#13 AR-1232-3

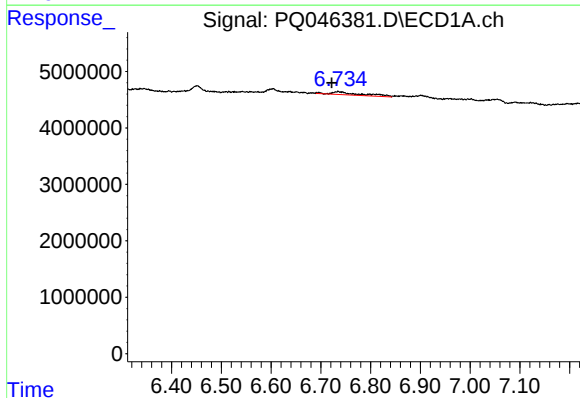
R.T.: 6.603 min
Delta R.T.: 0.055 min
Response: 1807222
Conc: 12.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



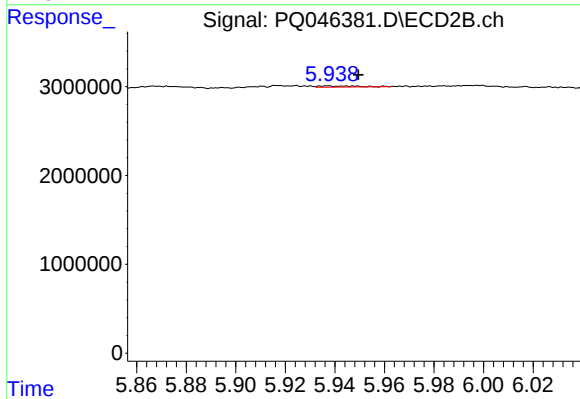
#13 AR-1232-3

R.T.: 5.872 min
Delta R.T.: 0.015 min
Response: 290297
Conc: 8.89 ng/ml



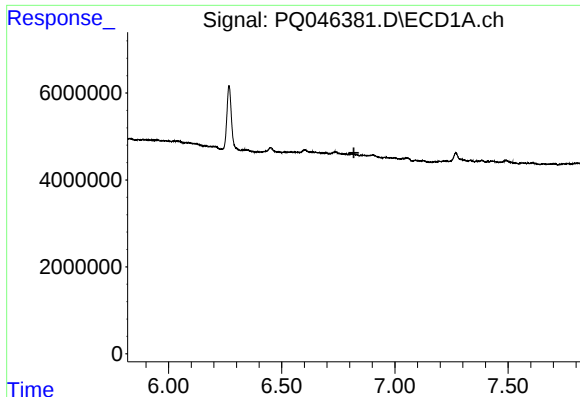
#14 AR-1232-4

R.T.: 6.735 min
Delta R.T.: 0.013 min
Response: 2224221
Conc: 31.27 ng/ml



#14 AR-1232-4

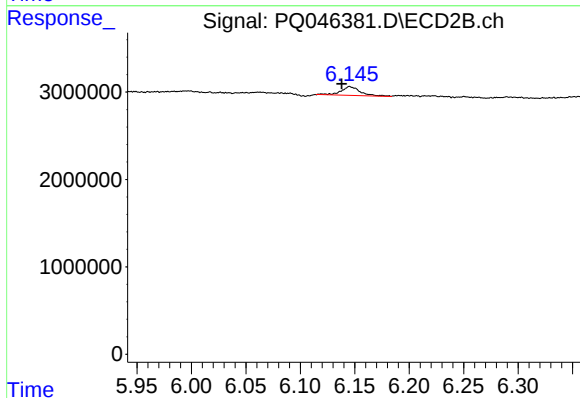
R.T.: 5.937 min
Delta R.T.: -0.012 min
Response: 138307
Conc: 4.45 ng/ml



#15 AR-1232-5

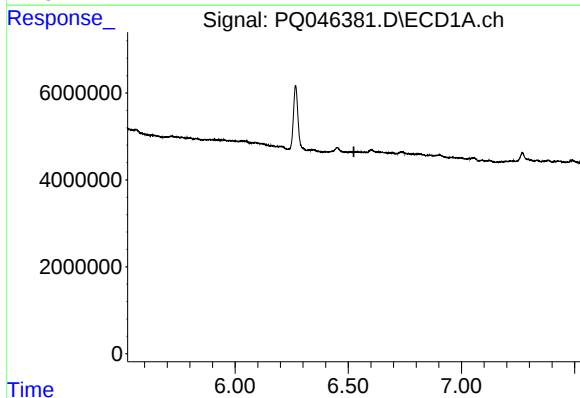
R.T.: 0.000 min
Exp R.T. : 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



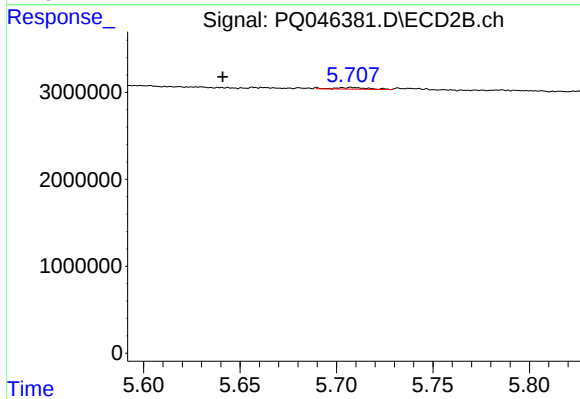
#15 AR-1232-5

R.T.: 6.145 min
Delta R.T.: 0.007 min
Response: 1213516
Conc: 35.41 ng/ml



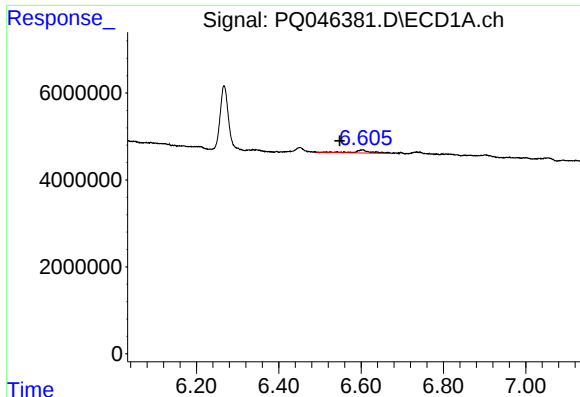
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.525 min
Response: 0
Conc: N.D.



#16 AR-1242-1

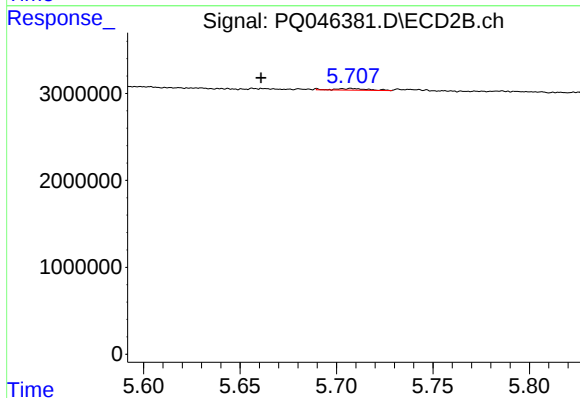
R.T.: 5.708 min
Delta R.T.: 0.067 min
Response: 219358
Conc: 2.76 ng/ml



#17 AR-1242-2

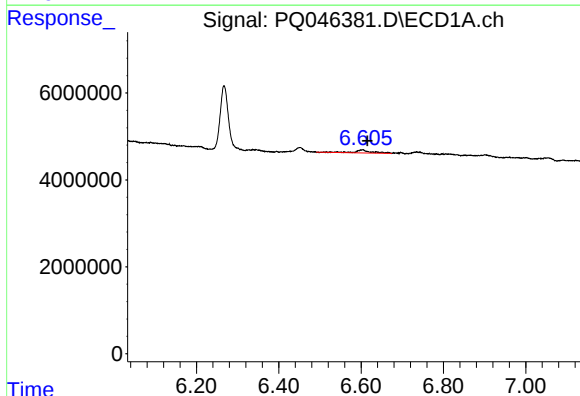
R.T.: 6.603 min
Delta R.T.: 0.055 min
Response: 1807222
Conc: 6.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



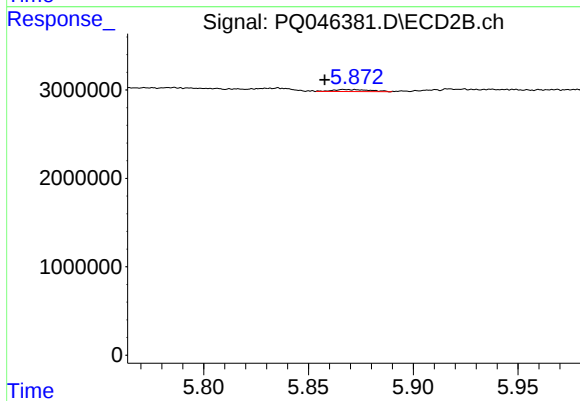
#17 AR-1242-2

R.T.: 5.708 min
Delta R.T.: 0.047 min
Response: 219358
Conc: 1.62 ng/ml



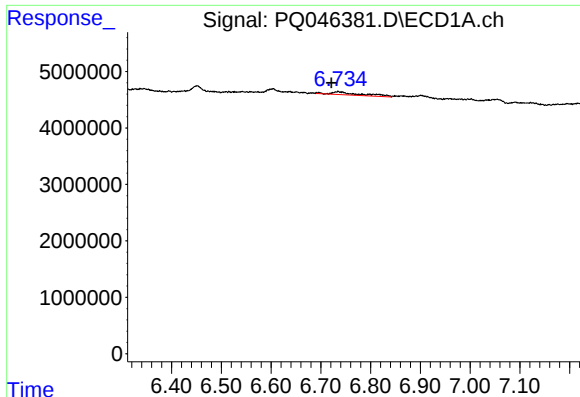
#18 AR-1242-3

R.T.: 6.603 min
Delta R.T.: -0.012 min
Response: 1807222
Conc: 10.90 ng/ml



#18 AR-1242-3

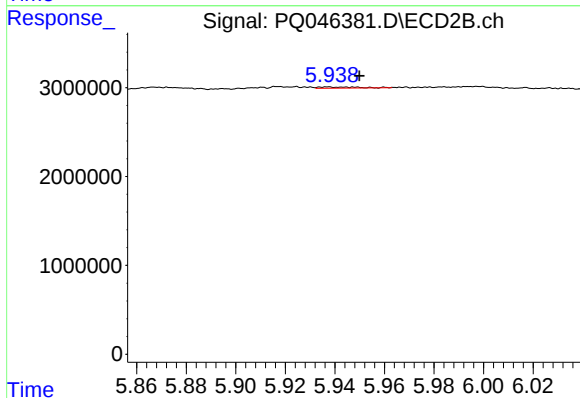
R.T.: 5.872 min
Delta R.T.: 0.014 min
Response: 290297
Conc: 4.58 ng/ml



#19 AR-1242-4

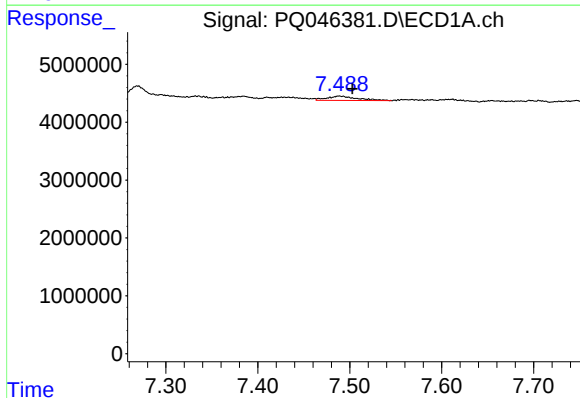
R.T.: 6.735 min
Delta R.T.: 0.013 min
Response: 2224221
Conc: 16.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



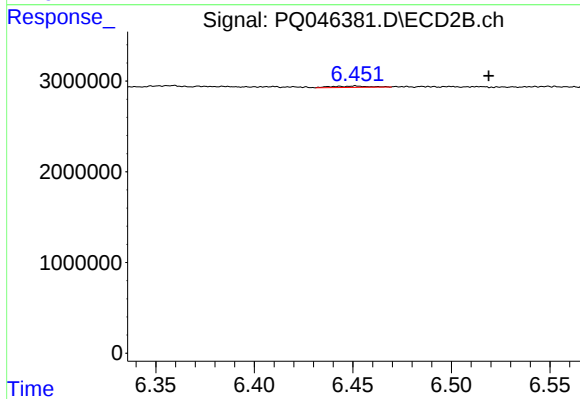
#19 AR-1242-4

R.T.: 5.937 min
Delta R.T.: -0.013 min
Response: 138307
Conc: 2.05 ng/ml



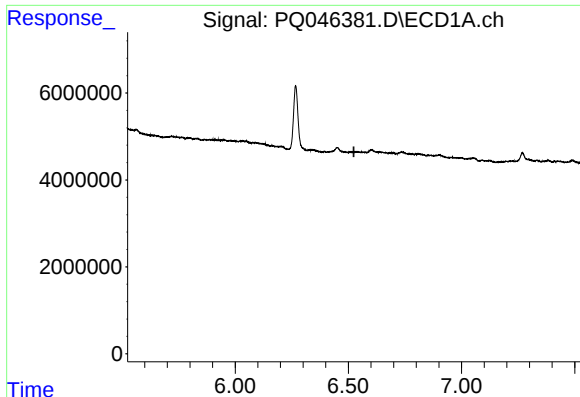
#20 AR-1242-5

R.T.: 7.489 min
Delta R.T.: -0.014 min
Response: 1668923
Conc: 10.60 ng/ml



#20 AR-1242-5

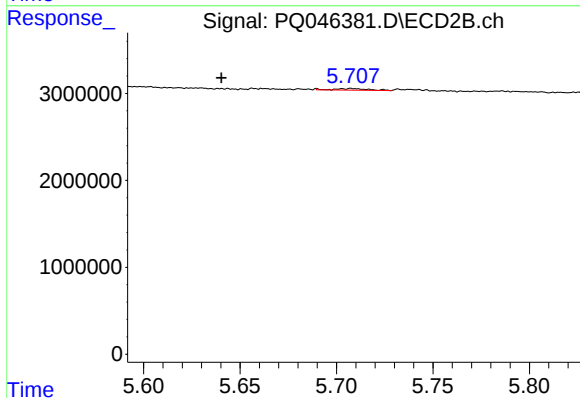
R.T.: 6.451 min
Delta R.T.: -0.067 min
Response: 194679
Conc: 2.17 ng/ml



#21 AR-1248-1

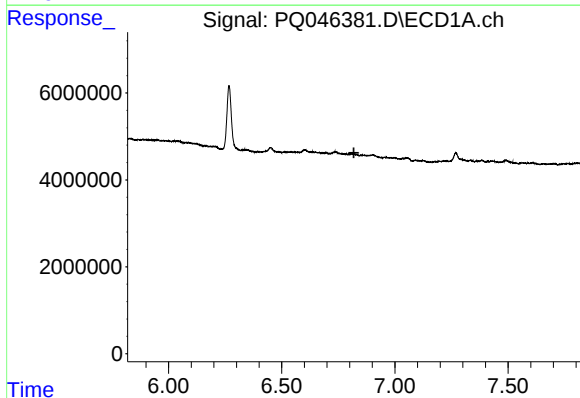
R.T.: 0.000 min
Exp R.T.: 6.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



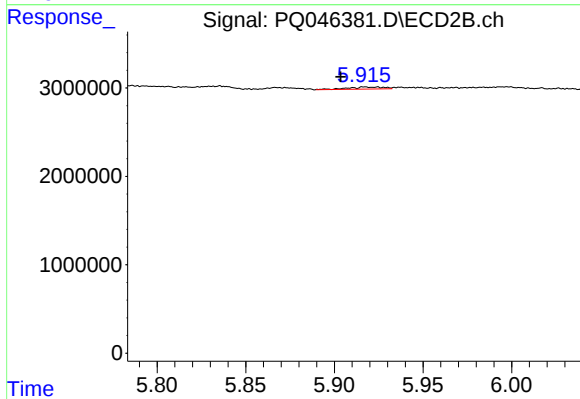
#21 AR-1248-1

R.T.: 5.708 min
Delta R.T.: 0.068 min
Response: 219358
Conc: 3.18 ng/ml



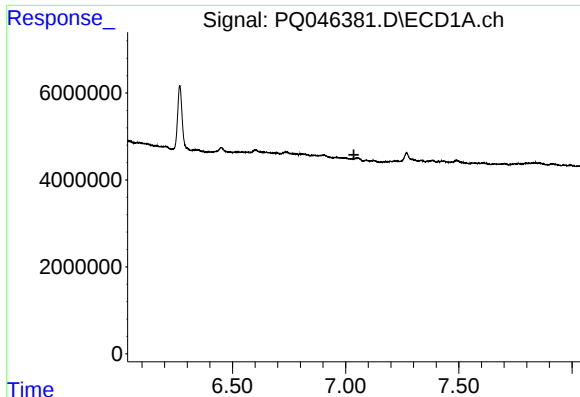
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.



#22 AR-1248-2

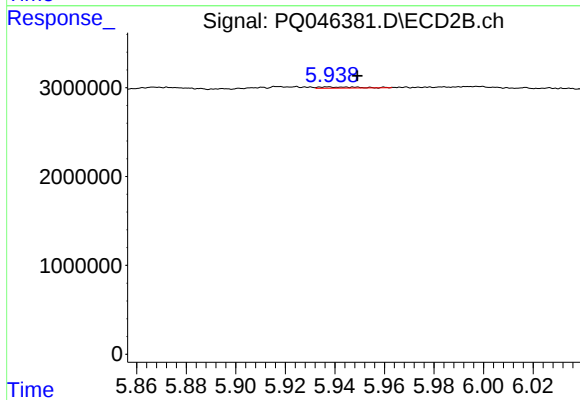
R.T.: 5.917 min
Delta R.T.: 0.014 min
Response: 335194
Conc: 3.26 ng/ml



#23 AR-1248-3

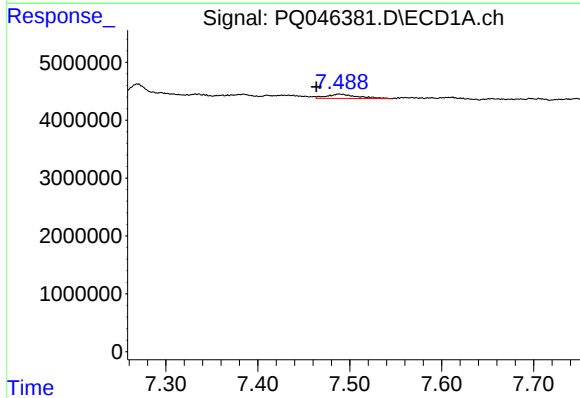
R.T.: 0.000 min
Exp R.T.: 7.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



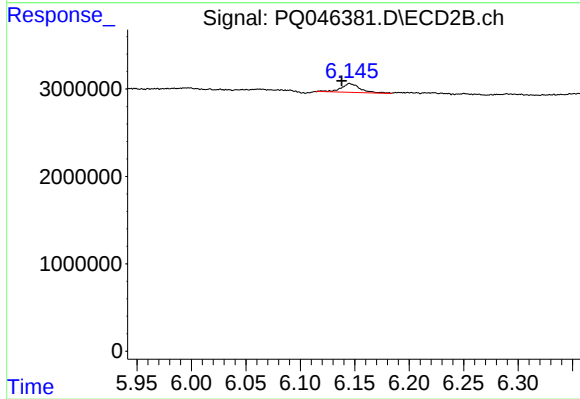
#23 AR-1248-3

R.T.: 5.937 min
Delta R.T.: -0.012 min
Response: 138307
Conc: 1.30 ng/ml



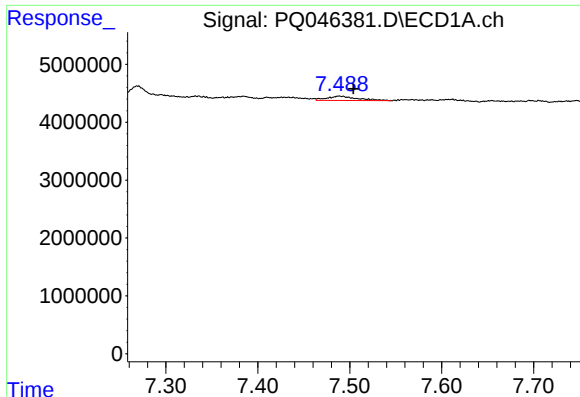
#24 AR-1248-4

R.T.: 7.489 min
Delta R.T.: 0.026 min
Response: 1668923
Conc: 6.15 ng/ml



#24 AR-1248-4

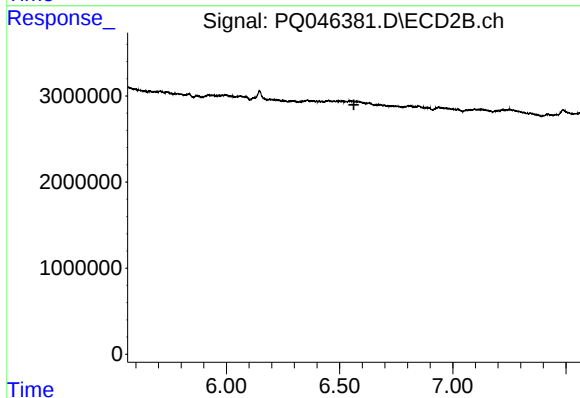
R.T.: 6.145 min
Delta R.T.: 0.007 min
Response: 1213516
Conc: 9.39 ng/ml



#25 AR-1248-5

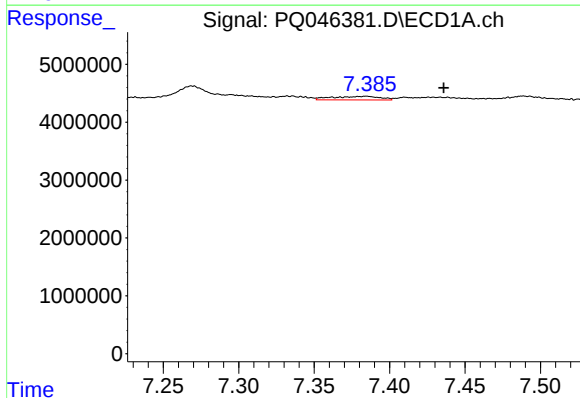
R.T.: 7.489 min
Delta R.T.: -0.015 min
Response: 1668923
Conc: 6.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



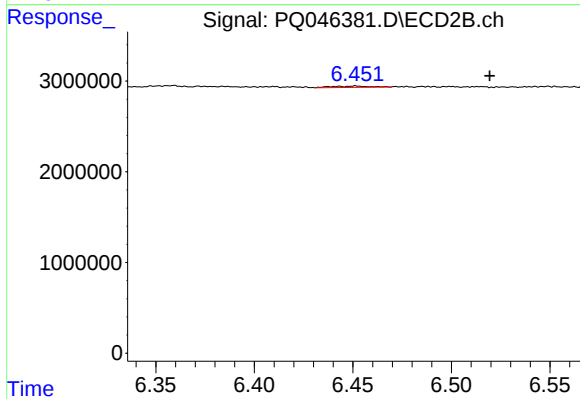
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.563 min
Response: 0
Conc: N.D.



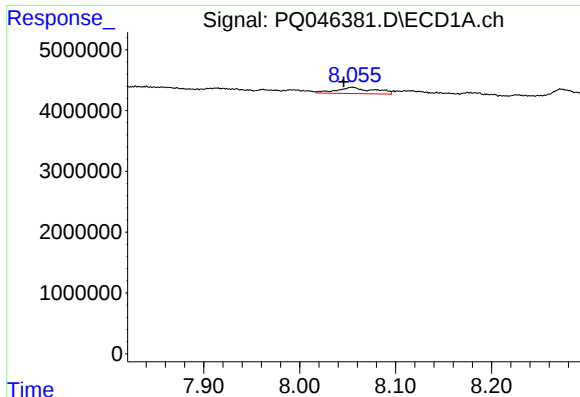
#26 AR-1254-1

R.T.: 7.384 min
Delta R.T.: -0.052 min
Response: 1395347
Conc: 5.08 ng/ml



#26 AR-1254-1

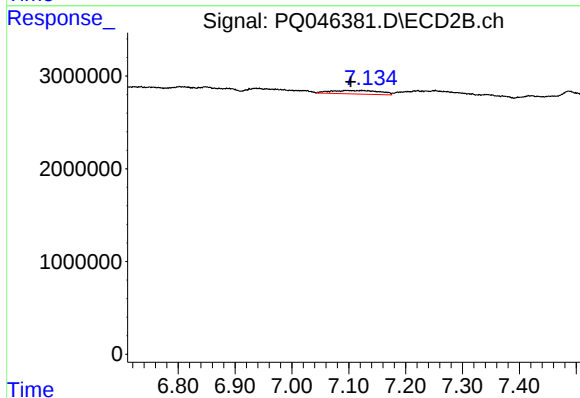
R.T.: 6.451 min
Delta R.T.: -0.068 min
Response: 194679
Conc: 0.95 ng/ml



#28 AR-1254-3

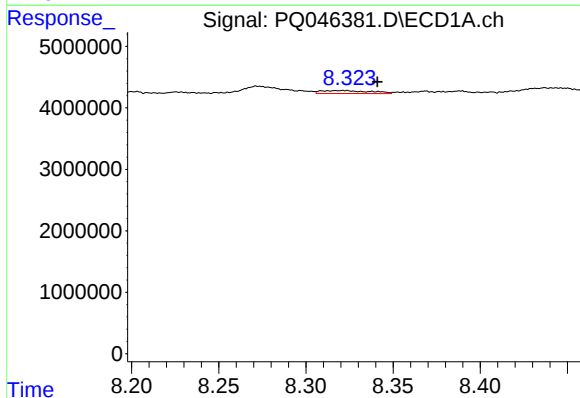
R.T.: 8.055 min
Delta R.T.: 0.009 min
Response: 2772319
Conc: 6.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



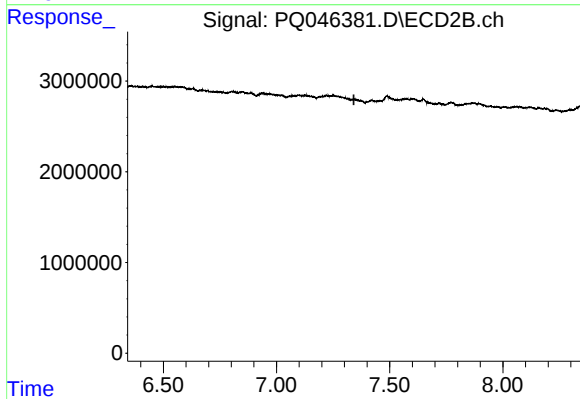
#28 AR-1254-3

R.T.: 7.094 min
Delta R.T.: -0.010 min
Response: 2278489
Conc: 7.15 ng/ml



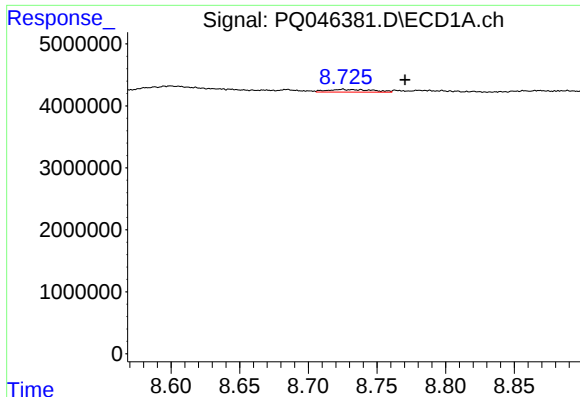
#29 AR-1254-4

R.T.: 8.321 min
Delta R.T.: -0.020 min
Response: 933342
Conc: 2.84 ng/ml



#29 AR-1254-4

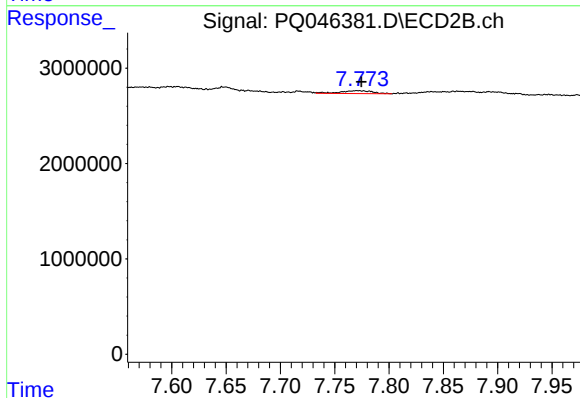
R.T.: 0.000 min
Exp R.T.: 7.342 min
Response: 0
Conc: N.D.



#30 AR-1254-5

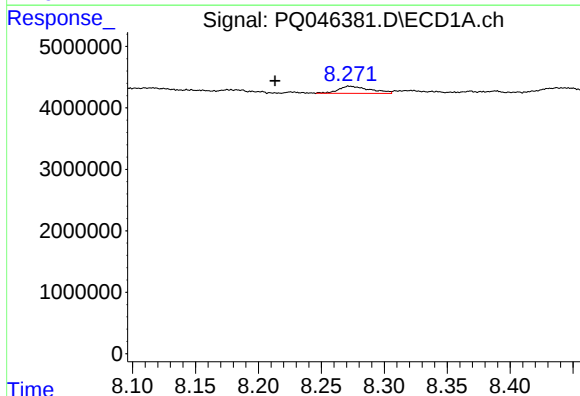
R.T.: 8.725 min
Delta R.T.: -0.045 min
Response: 973517
Conc: 2.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



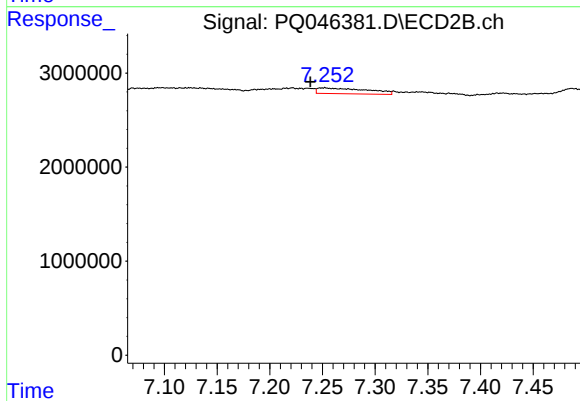
#30 AR-1254-5

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 599158
Conc: 2.01 ng/ml



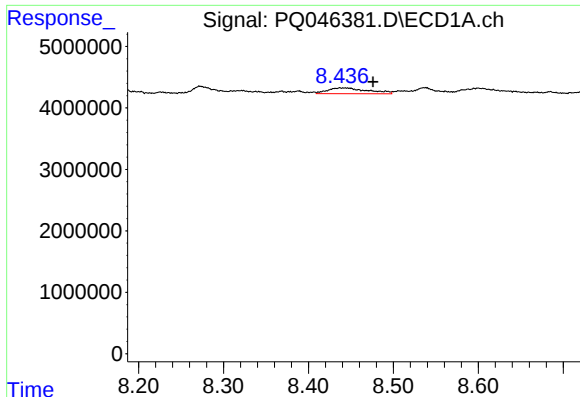
#31 AR-1260-1

R.T.: 8.273 min
Delta R.T.: 0.060 min
Response: 2054412
Conc: 5.70 ng/ml



#31 AR-1260-1

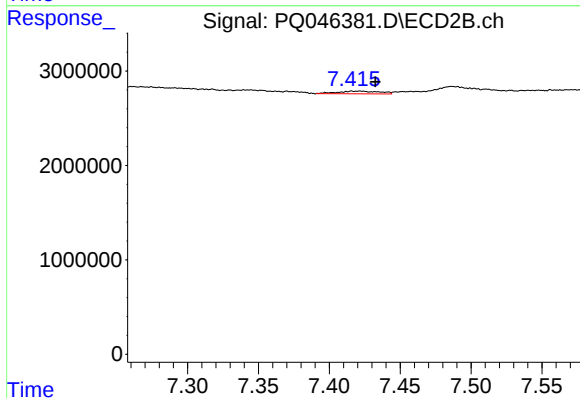
R.T.: 7.252 min
Delta R.T.: 0.014 min
Response: 2012062
Conc: 8.53 ng/ml



#32 AR-1260-2

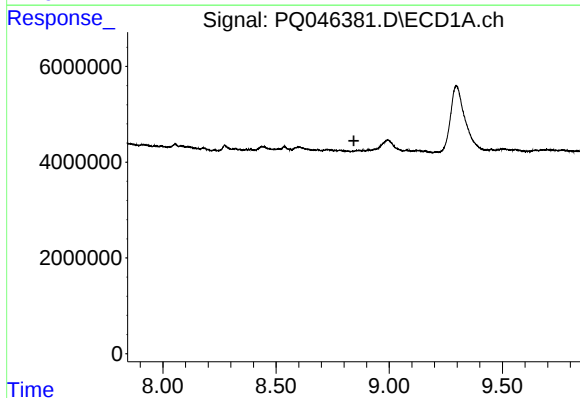
R.T.: 8.441 min
Delta R.T.: -0.036 min
Response: 3122369
Conc: 7.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



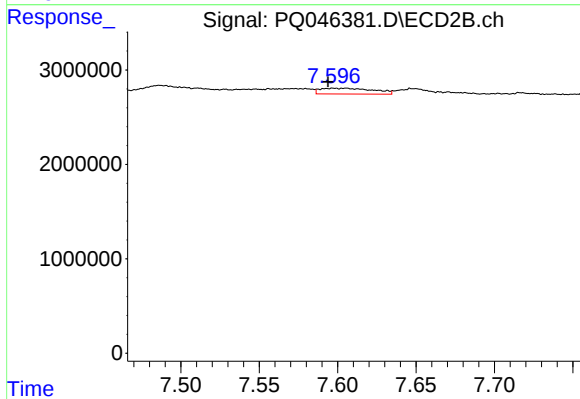
#32 AR-1260-2

R.T.: 7.416 min
Delta R.T.: -0.016 min
Response: 602001
Conc: 2.06 ng/ml



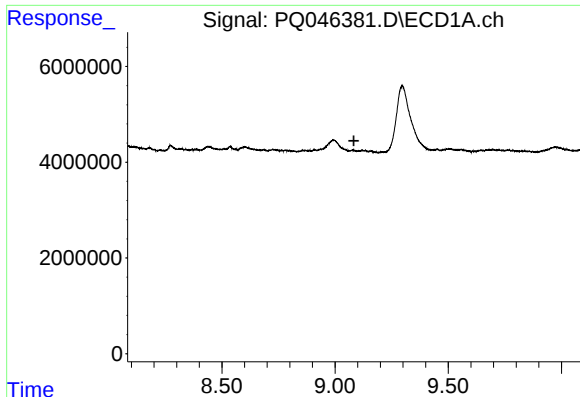
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.844 min
Response: 0
Conc: N.D.



#33 AR-1260-3

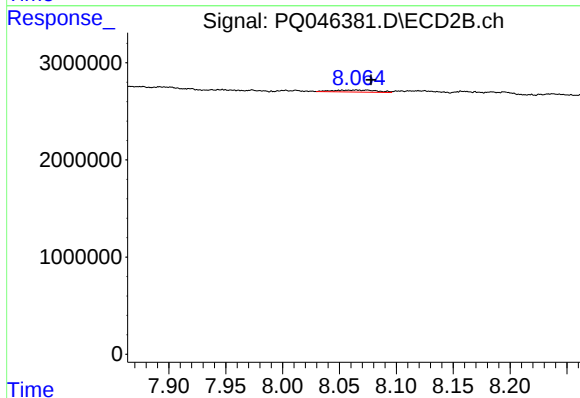
R.T.: 7.605 min
Delta R.T.: 0.011 min
Response: 1442984
Conc: 5.08 ng/ml



#34 AR-1260-4

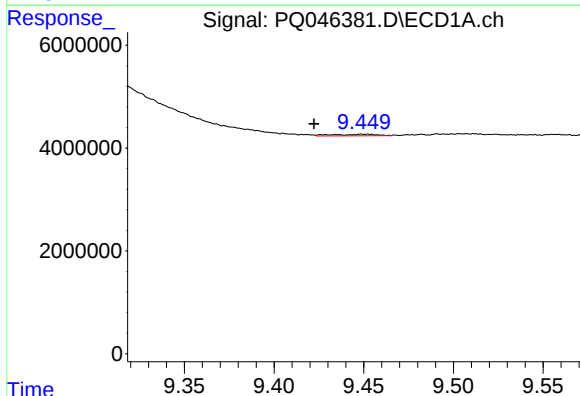
R.T.: 0.000 min
Exp R.T.: 9.083 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



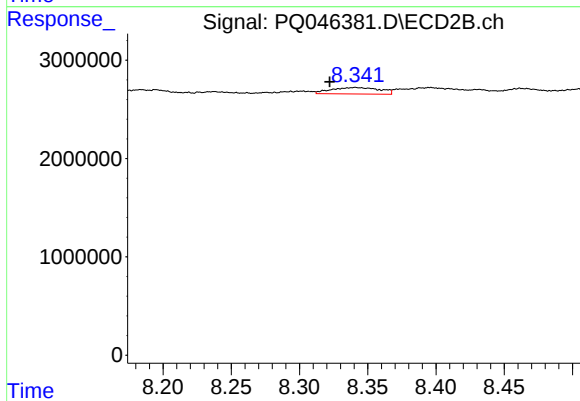
#34 AR-1260-4

R.T.: 8.065 min
Delta R.T.: -0.013 min
Response: 544286
Conc: 2.22 ng/ml



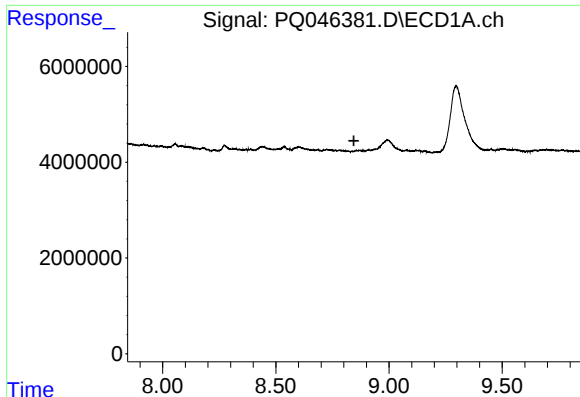
#35 AR-1260-5

R.T.: 9.450 min
Delta R.T.: 0.028 min
Response: 547253
Conc: 0.83 ng/ml



#35 AR-1260-5

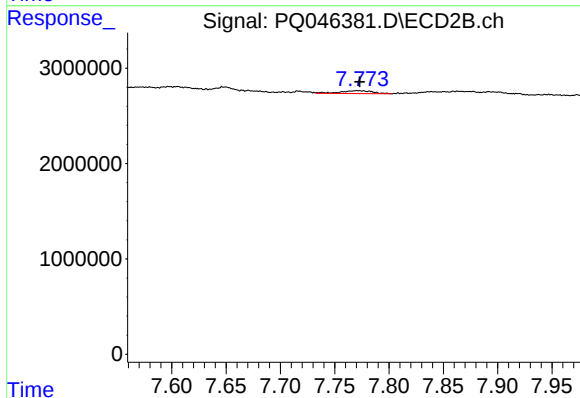
R.T.: 8.341 min
Delta R.T.: 0.019 min
Response: 1644768
Conc: 2.66 ng/ml



#36 AR-1262-1

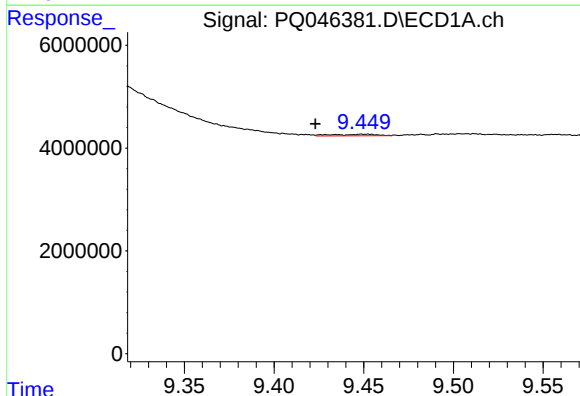
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



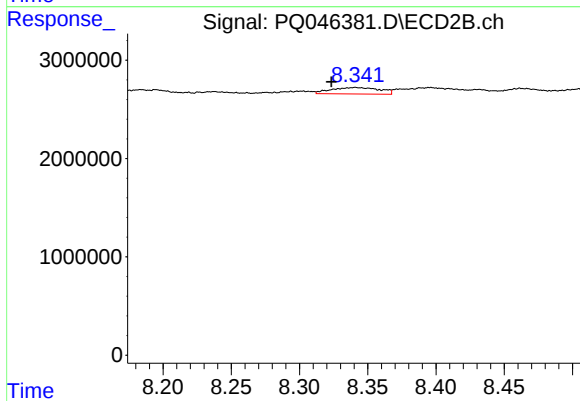
#36 AR-1262-1

R.T.: 7.771 min
Delta R.T.: -0.002 min
Response: 599158
Conc: 3.58 ng/ml



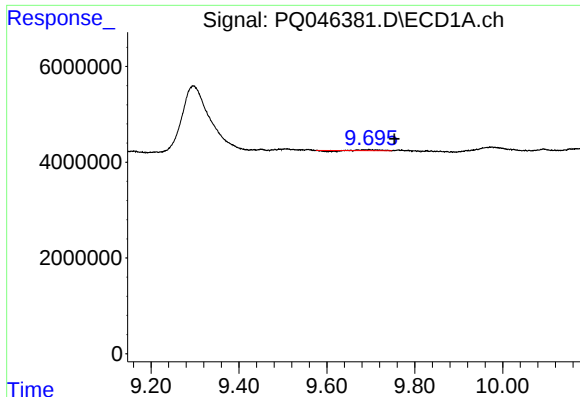
#37 AR-1262-2

R.T.: 9.450 min
Delta R.T.: 0.027 min
Response: 547253
Conc: 0.75 ng/ml



#37 AR-1262-2

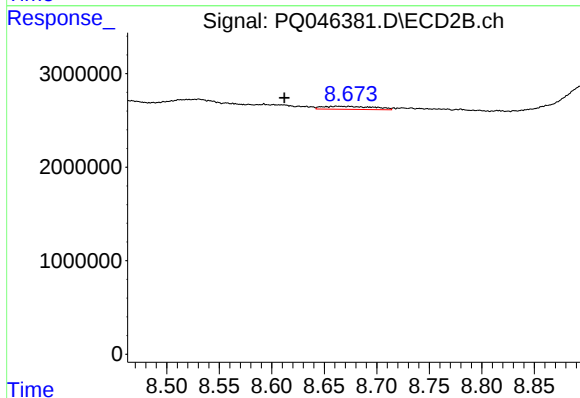
R.T.: 8.341 min
Delta R.T.: 0.017 min
Response: 1644768
Conc: 2.46 ng/ml



#38 AR-1262-3

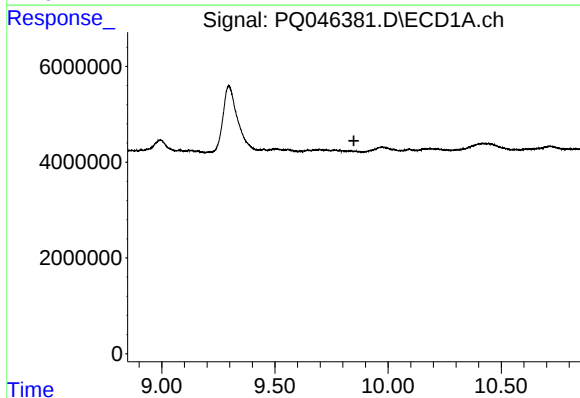
R.T.: 9.697 min
Delta R.T.: -0.057 min
Response: 217973
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



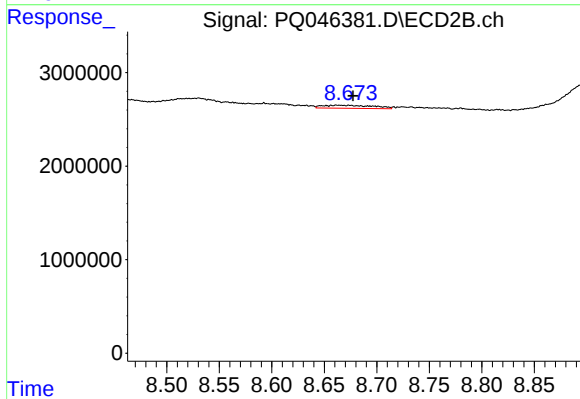
#38 AR-1262-3

R.T.: 8.662 min
Delta R.T.: 0.050 min
Response: 1100611
Conc: 4.11 ng/ml



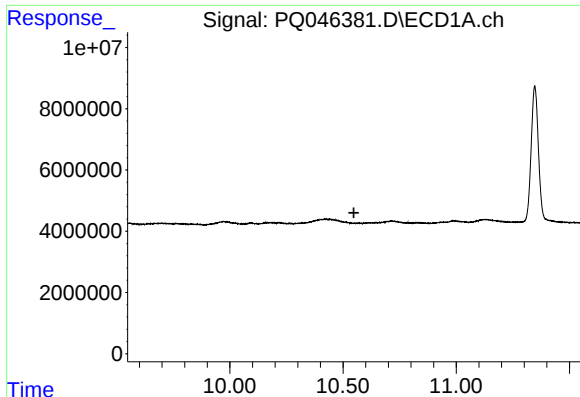
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.849 min
Response: 0
Conc: N.D.



#39 AR-1262-4

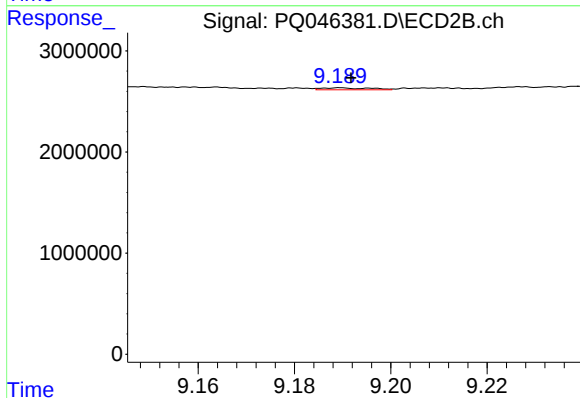
R.T.: 8.662 min
Delta R.T.: -0.015 min
Response: 1100611
Conc: 2.09 ng/ml



#40 AR-1262-5

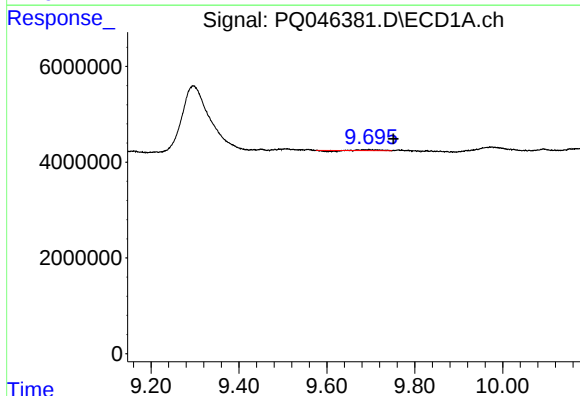
R.T.: 0.000 min
Exp R.T.: 10.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



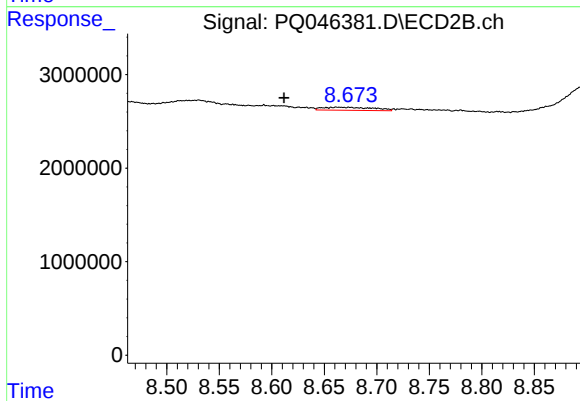
#40 AR-1262-5

R.T.: 9.189 min
Delta R.T.: -0.003 min
Response: 133904
Conc: 0.57 ng/ml



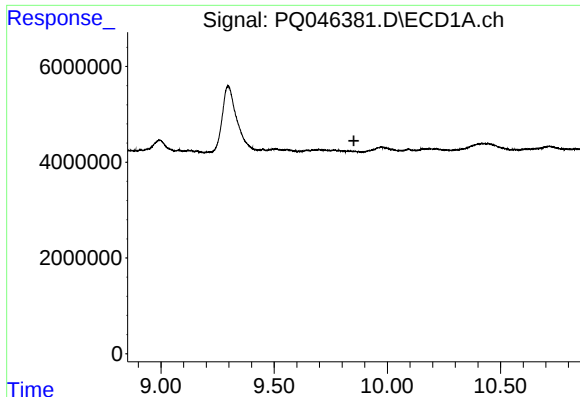
#41 AR-1268-1

R.T.: 9.697 min
Delta R.T.: -0.055 min
Response: 217973
Conc: 0.26 ng/ml



#41 AR-1268-1

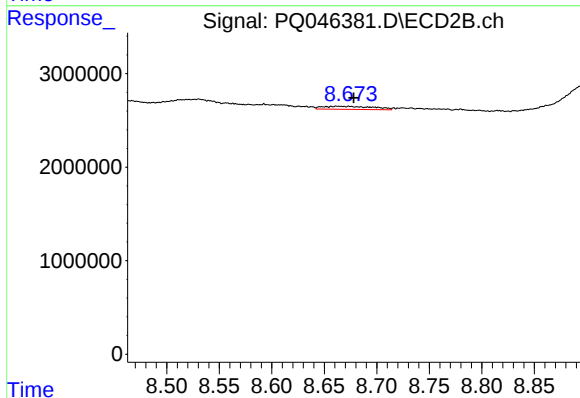
R.T.: 8.662 min
Delta R.T.: 0.051 min
Response: 1100611
Conc: 1.40 ng/ml



#42 AR-1268-2

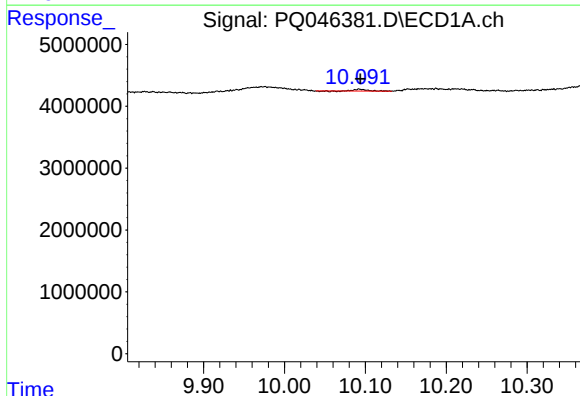
R.T.: 0.000 min
Exp R.T.: 9.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



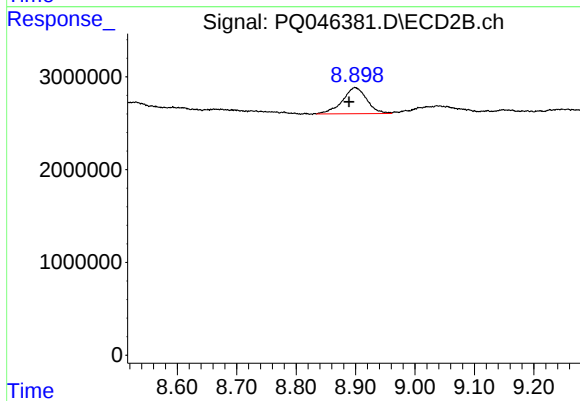
#42 AR-1268-2

R.T.: 8.662 min
Delta R.T.: -0.016 min
Response: 1100611
Conc: 1.41 ng/ml



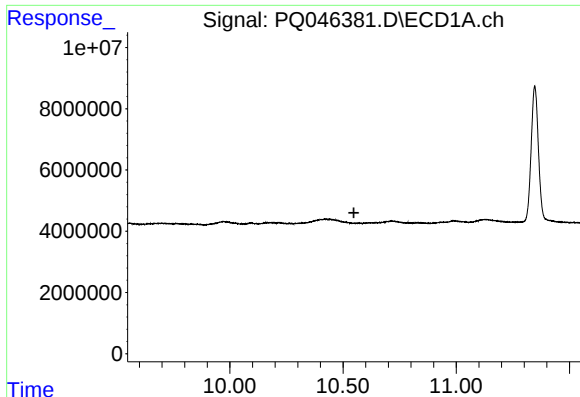
#43 AR-1268-3

R.T.: 10.093 min
Delta R.T.: -0.001 min
Response: 326754
Conc: 0.49 ng/ml



#43 AR-1268-3

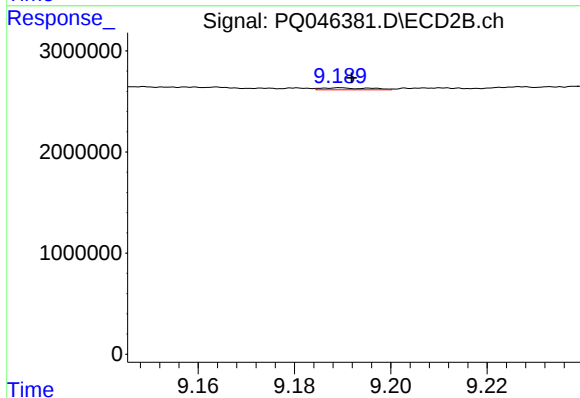
R.T.: 8.899 min
Delta R.T.: 0.010 min
Response: 7991857
Conc: 12.60 ng/ml



#44 AR-1268-4

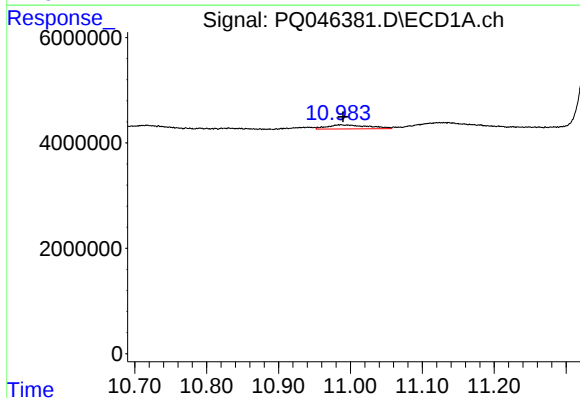
R.T.: 0.000 min
Exp R.T.: 10.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



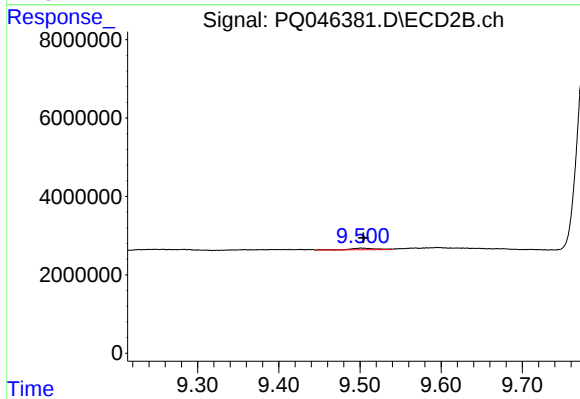
#44 AR-1268-4

R.T.: 9.189 min
Delta R.T.: -0.003 min
Response: 133904
Conc: 0.48 ng/ml



#45 AR-1268-5

R.T.: 10.986 min
Delta R.T.: -0.004 min
Response: 3137004
Conc: 1.44 ng/ml



#45 AR-1268-5

R.T.: 9.501 min
Delta R.T.: -0.003 min
Response: 850409
Conc: 0.40 ng/ml