

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042319\
 Data File : PQ039228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2019 12:31
 Operator : AJ\SJ
 Sample : K2466-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 A5131

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 21:44:11 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...	5.714	4.806	56279769	28295048	11.747	12.420
2)	SA Decachlor...	12.127	10.574	226.6E6	108.1E6	34.263	31.754
Target Compounds							
3)	L1 AR-1016-1	7.218	6.210	2183966	399521	8.076	2.680 #
4)	L1 AR-1016-2	7.218	0.000	2183966	0	5.397	N.D. #
5)	L1 AR-1016-3	7.285	6.518	1163837	363864	4.547	3.227 #
6)	L1 AR-1016-4	7.367	6.587	1023754	612261	4.899	7.083 #
7)	L1 AR-1016-5	7.743	6.828	584959	373220	2.717	2.891
8)	L2 AR-1221-1	0.000	5.114	0	81044	N.D.	2.789 #
9)	L2 AR-1221-2	6.108	5.254	2274078	23405	56.618	1.123 #
10)	L2 AR-1221-3	6.237	5.355	2962488	195066	20.983	2.657 #
11)	L3 AR-1232-1	6.237	5.355	2962488	195066	30.550	3.785 #
12)	L3 AR-1232-2	6.807	0.000	1225324	0	21.860	N.D. #
13)	L3 AR-1232-3	7.218	6.518	2183966	363864	20.490	11.974 #
14)	L3 AR-1232-4	7.367	6.587	1023754	612261	18.498	21.916
15)	L3 AR-1232-5	7.466	6.828	211531	373220	5.424	11.377 #
16)	L4 AR-1242-1	7.218	6.210	2183966	399521	14.312	4.611 #
17)	L4 AR-1242-2	7.218	0.000	2183966	0	9.710	N.D. #
18)	L4 AR-1242-3	7.259	6.518	264095	363864	1.864	5.429 #
19)	L4 AR-1242-4	7.367	6.587	1023754	612261	8.848	9.064
20)	L4 AR-1242-5	0.000	7.249	0	346436	N.D.	3.628 #
21)	L5 AR-1248-1	7.218	6.210	2183966	399521	20.719	6.625 #
22)	L5 AR-1248-2	7.466	6.587	211531	612261	1.413	7.236 #
23)	L5 AR-1248-3	7.743	6.587	584959	612261	3.200	6.894 #
24)	L5 AR-1248-4	8.125	6.828	3668664	373220	18.054	3.255 #
25)	L5 AR-1248-5	0.000	7.249	0	346436	N.D.	3.009 #
26)	L6 AR-1254-1	8.125	7.249	3668664	346436	17.002	1.885 #
27)	L6 AR-1254-2	8.443	7.408	4485965	802622	13.242	4.959 #
28)	L6 AR-1254-3	8.710	7.820	2427334	936015	6.531	3.313 #
29)	L6 AR-1254-4	9.043	8.067	1218442	1034842	4.778	6.237 #
30)	L6 AR-1254-5	0.000	8.540	0	241623	N.D.	0.981 #
31)	L7 AR-1260-1	8.963	7.986	3115448	1397705	6.513	4.614 #
32)	L7 AR-1260-2	9.212	8.158	285976	880439	0.503	2.377 #
33)	L7 AR-1260-3	0.000	8.338	0	184040	N.D.	0.525 #
34)	L7 AR-1260-4	9.801	8.825	3319591	53807	6.468	0.186 #
35)	L7 AR-1260-5	0.000	9.088	0	510787	N.D.	0.720 #
36)	L8 AR-1262-1	0.000	8.540	0	241623	N.D.	0.923 #
37)	L8 AR-1262-2	0.000	9.088	0	510787	N.D.	1.069 #
38)	L8 AR-1262-3	0.000	9.372	0	101820	N.D.	0.524 #
39)	L8 AR-1262-4	10.656	9.472	1227140	451125	3.421	1.225 #
40)	L8 AR-1262-5	0.000	9.980	0	239262	N.D.	1.584 #
41)	L9 AR-1268-1	0.000	9.372	0	101820	N.D.	0.101 #

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 Operator : AJ\SJ
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

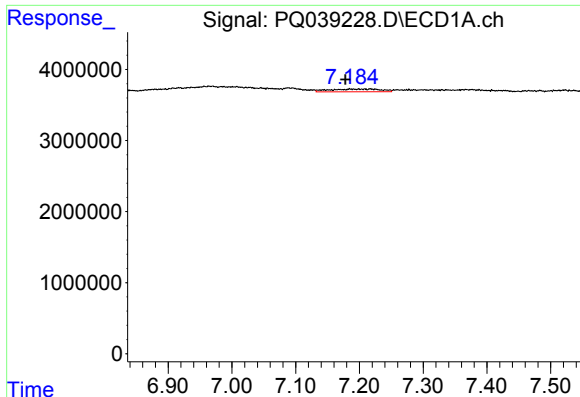
Instrument :
 ECD_Q
 ClientSampleId :
 A5131

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 21:44:11 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	10.656	9.472	1227140	451125	0.888	0.484 #
43) L9	AR-1268-3	10.851	9.662	2115337	1013872	1.726	1.282 #
44) L9	AR-1268-4	0.000	9.980	0	239262	N.D.	0.770 #
45) L9	AR-1268-5	11.763	10.295	5455995	1052716	1.293	0.423 #

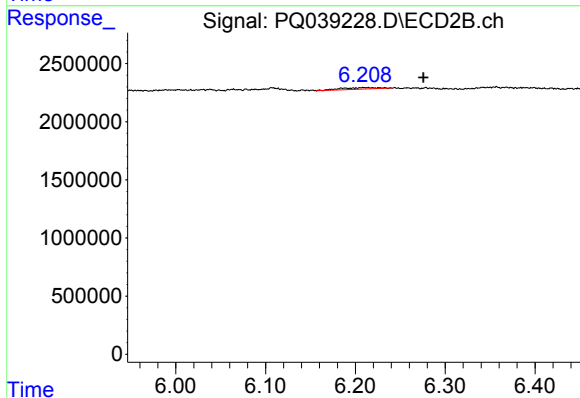
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

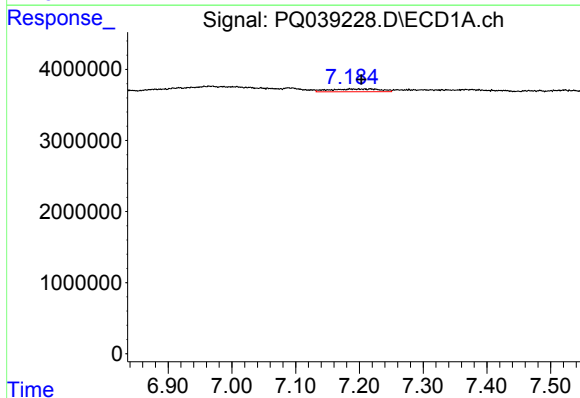
R.T.: 7.218 min
Delta R.T.: 0.040 min
Response: 2183966
Conc: 8.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



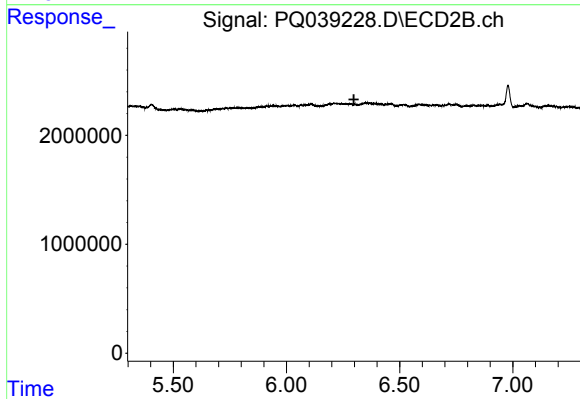
#3 AR-1016-1

R.T.: 6.210 min
Delta R.T.: -0.065 min
Response: 399521
Conc: 2.68 ng/ml



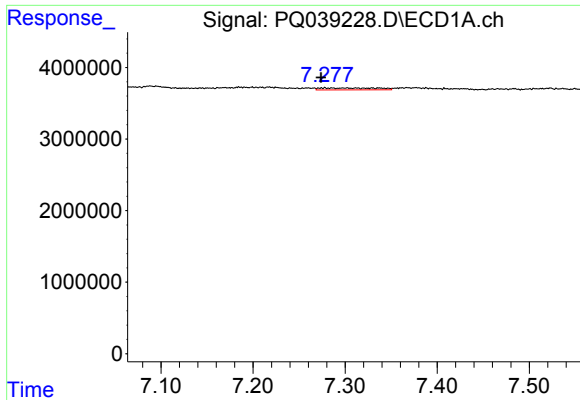
#4 AR-1016-2

R.T.: 7.218 min
Delta R.T.: 0.015 min
Response: 2183966
Conc: 5.40 ng/ml



#4 AR-1016-2

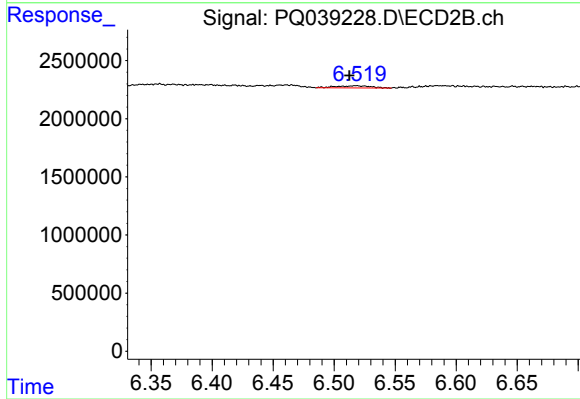
R.T.: 0.000 min
Exp R.T.: 6.298 min
Response: 0
Conc: N.D.



#5 AR-1016-3

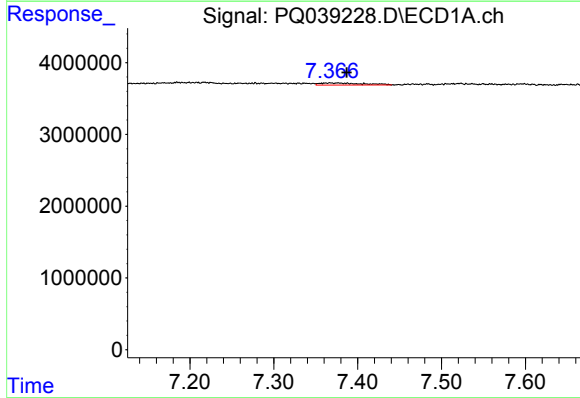
R.T.: 7.285 min
Delta R.T.: 0.011 min
Response: 1163837
Conc: 4.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



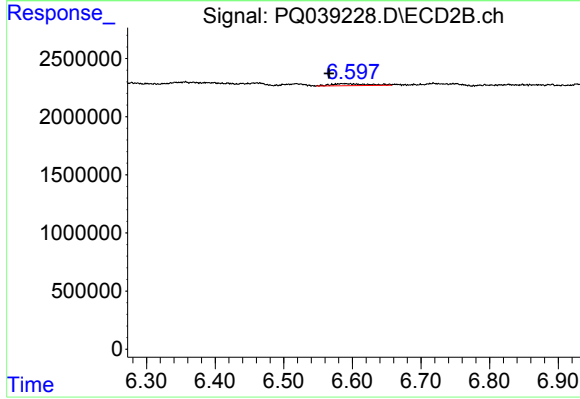
#5 AR-1016-3

R.T.: 6.518 min
Delta R.T.: 0.006 min
Response: 363864
Conc: 3.23 ng/ml



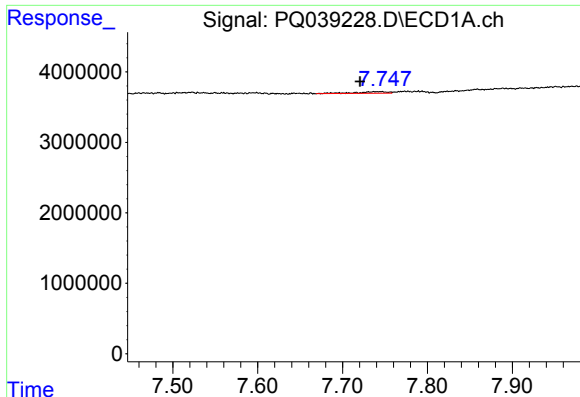
#6 AR-1016-4

R.T.: 7.367 min
Delta R.T.: -0.020 min
Response: 1023754
Conc: 4.90 ng/ml



#6 AR-1016-4

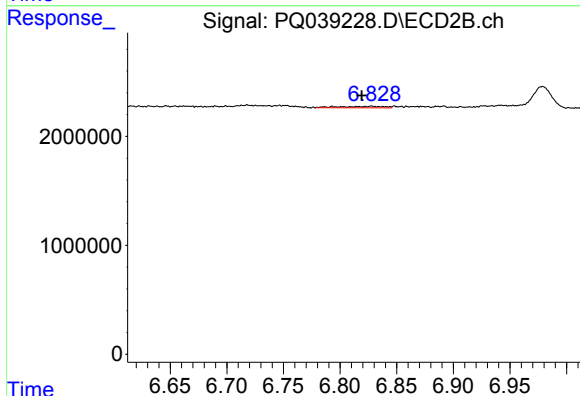
R.T.: 6.587 min
Delta R.T.: 0.021 min
Response: 612261
Conc: 7.08 ng/ml



#7 AR-1016-5

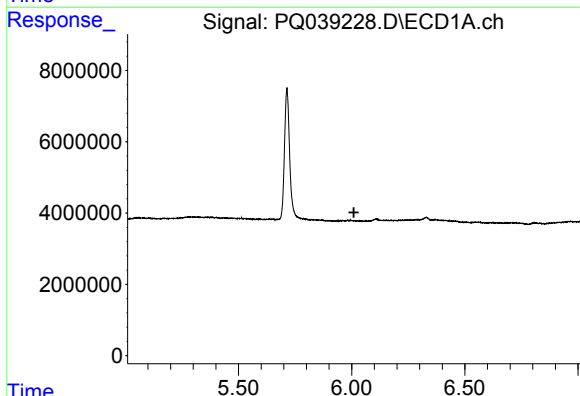
R.T.: 7.743 min
Delta R.T.: 0.023 min
Response: 584959
Conc: 2.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



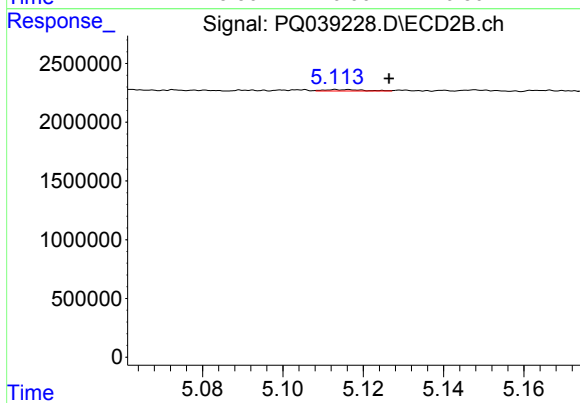
#7 AR-1016-5

R.T.: 6.828 min
Delta R.T.: 0.008 min
Response: 373220
Conc: 2.89 ng/ml



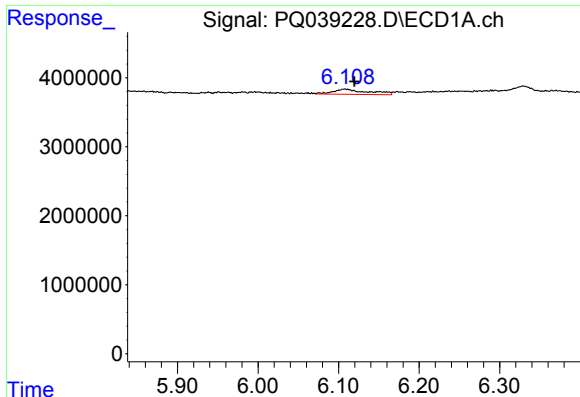
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 6.010 min
Response: 0
Conc: N.D.



#8 AR-1221-1

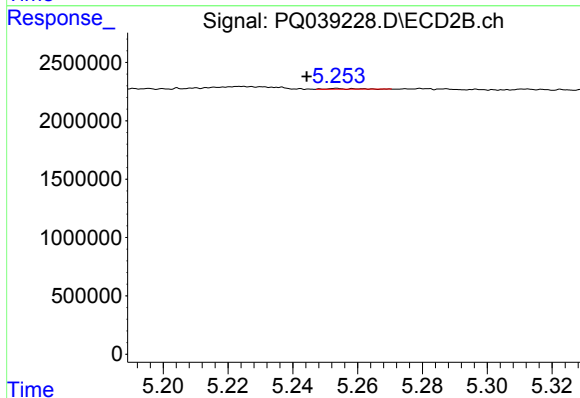
R.T.: 5.114 min
Delta R.T.: -0.012 min
Response: 81044
Conc: 2.79 ng/ml



#9 AR-1221-2

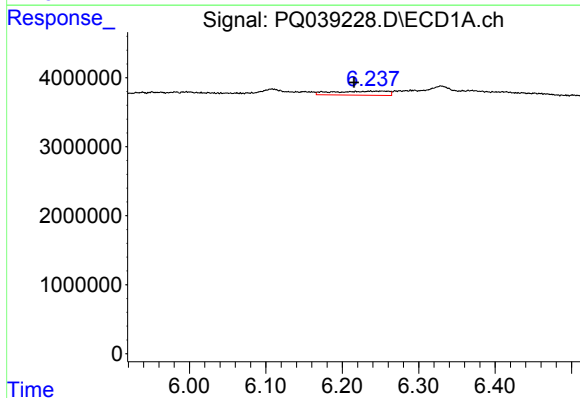
R.T.: 6.108 min
Delta R.T.: -0.011 min
Response: 2274078
Conc: 56.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



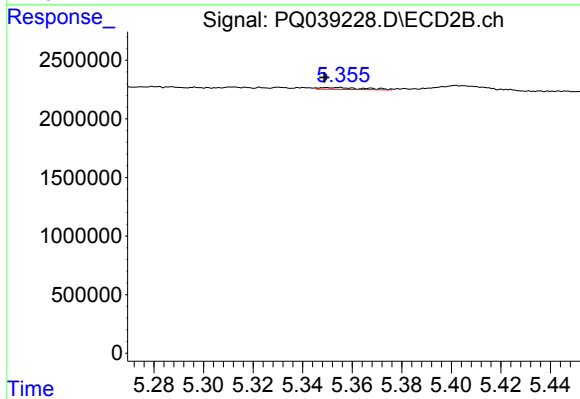
#9 AR-1221-2

R.T.: 5.254 min
Delta R.T.: 0.009 min
Response: 23405
Conc: 1.12 ng/ml



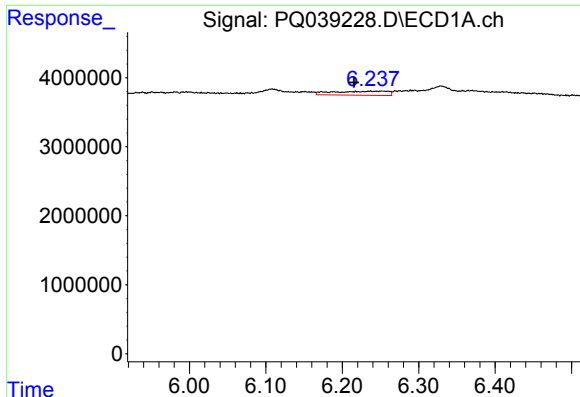
#10 AR-1221-3

R.T.: 6.237 min
Delta R.T.: 0.022 min
Response: 2962488
Conc: 20.98 ng/ml



#10 AR-1221-3

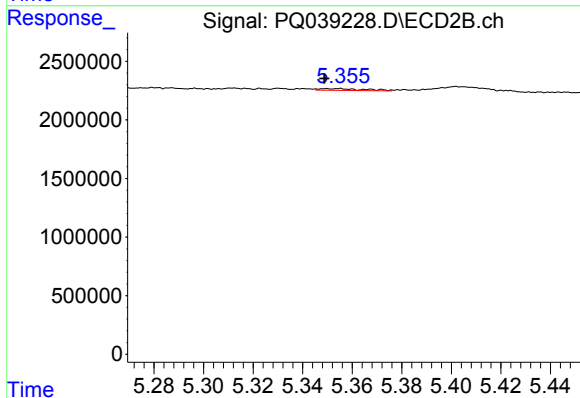
R.T.: 5.355 min
Delta R.T.: 0.006 min
Response: 195066
Conc: 2.66 ng/ml



#11 AR-1232-1

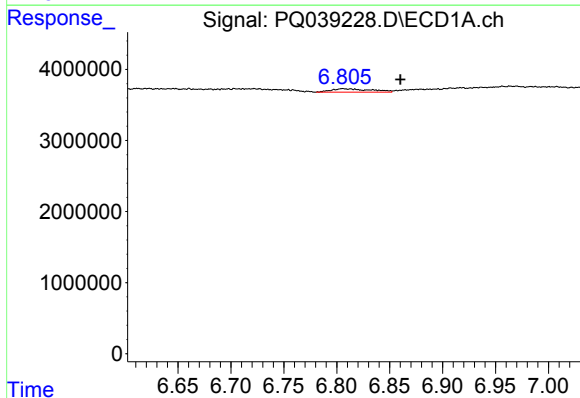
R.T.: 6.237 min
Delta R.T.: 0.022 min
Response: 2962488
Conc: 30.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



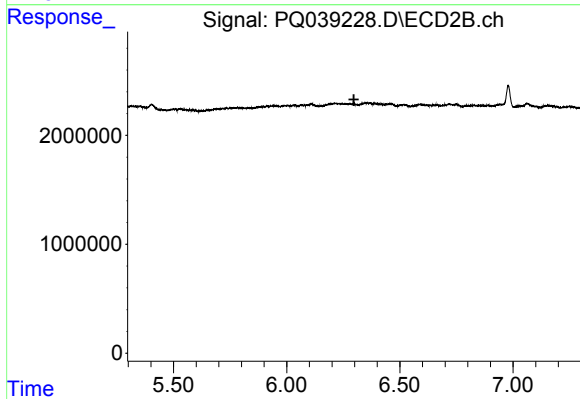
#11 AR-1232-1

R.T.: 5.355 min
Delta R.T.: 0.006 min
Response: 195066
Conc: 3.78 ng/ml



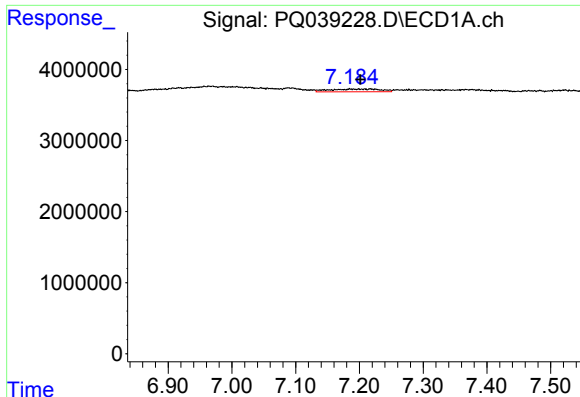
#12 AR-1232-2

R.T.: 6.807 min
Delta R.T.: -0.053 min
Response: 1225324
Conc: 21.86 ng/ml



#12 AR-1232-2

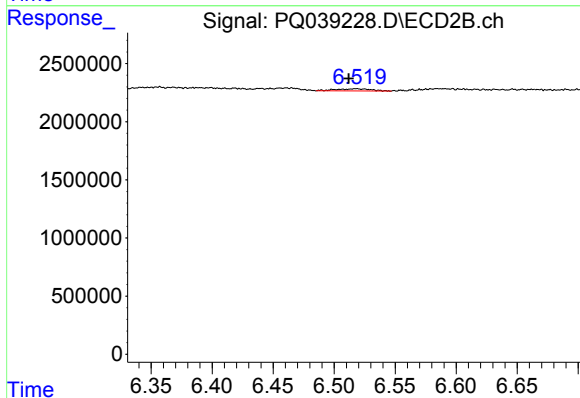
R.T.: 0.000 min
Exp R.T.: 6.297 min
Response: 0
Conc: N.D.



#13 AR-1232-3

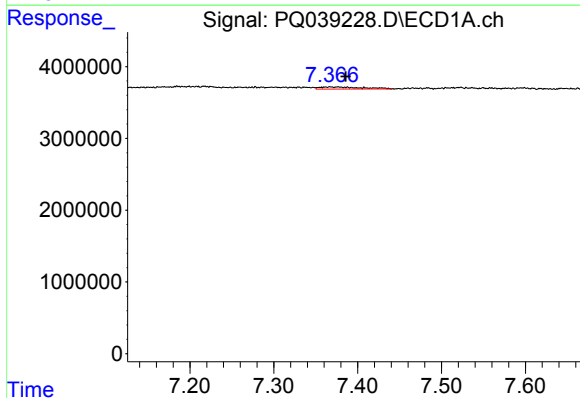
R.T.: 7.218 min
Delta R.T.: 0.017 min
Response: 2183966
Conc: 20.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



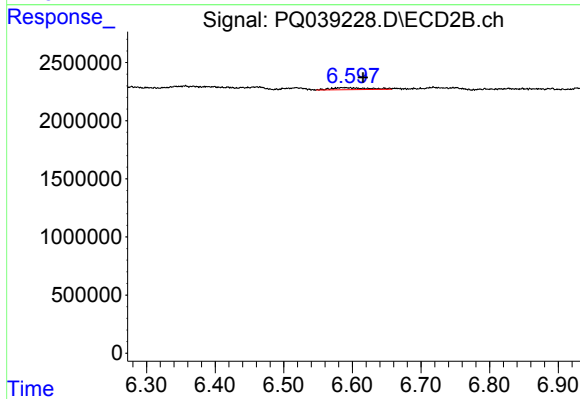
#13 AR-1232-3

R.T.: 6.518 min
Delta R.T.: 0.006 min
Response: 363864
Conc: 11.97 ng/ml



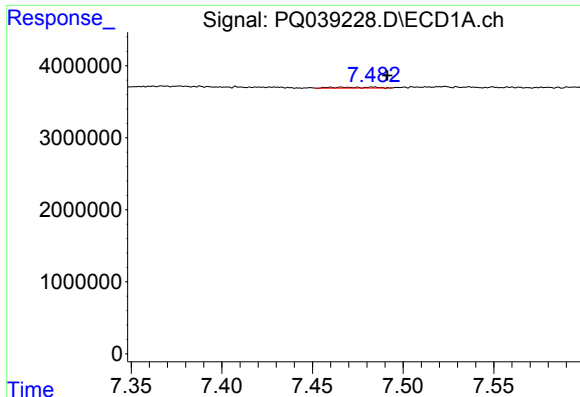
#14 AR-1232-4

R.T.: 7.367 min
Delta R.T.: -0.019 min
Response: 1023754
Conc: 18.50 ng/ml



#14 AR-1232-4

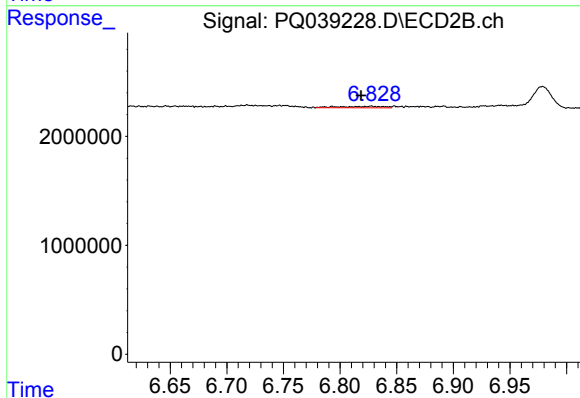
R.T.: 6.587 min
Delta R.T.: -0.029 min
Response: 612261
Conc: 21.92 ng/ml



#15 AR-1232-5

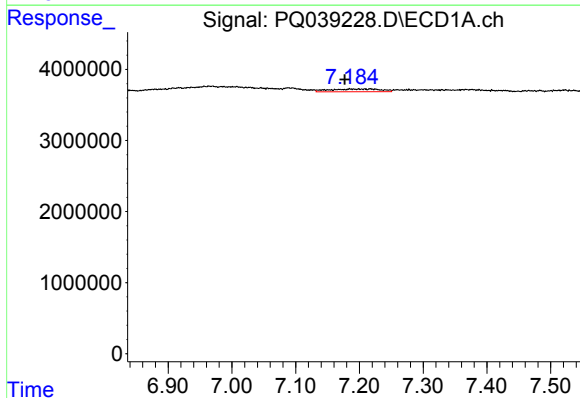
R.T.: 7.466 min
Delta R.T.: -0.025 min
Response: 211531
Conc: 5.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



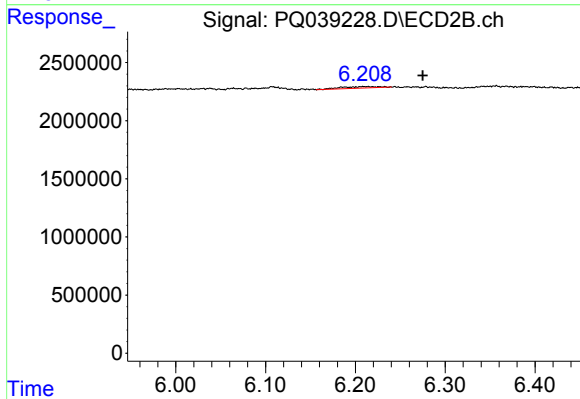
#15 AR-1232-5

R.T.: 6.828 min
Delta R.T.: 0.009 min
Response: 373220
Conc: 11.38 ng/ml



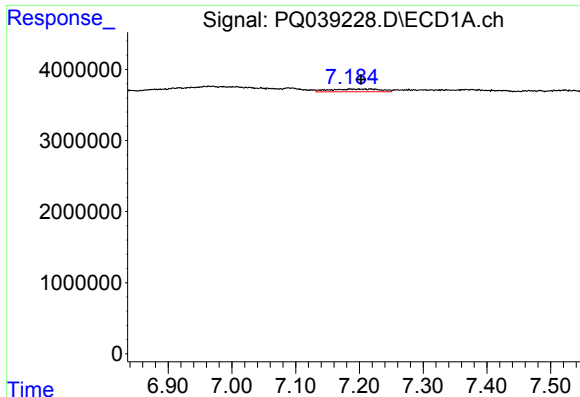
#16 AR-1242-1

R.T.: 7.218 min
Delta R.T.: 0.041 min
Response: 2183966
Conc: 14.31 ng/ml



#16 AR-1242-1

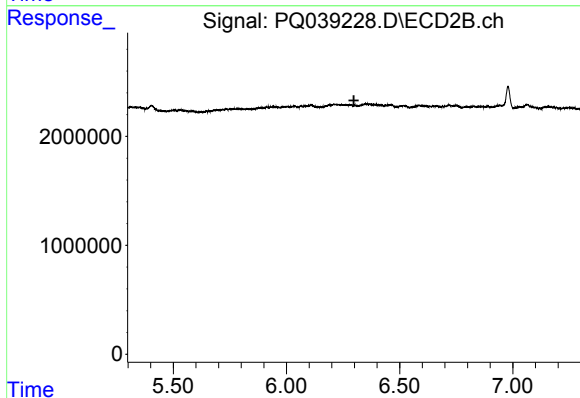
R.T.: 6.210 min
Delta R.T.: -0.065 min
Response: 399521
Conc: 4.61 ng/ml



#17 AR-1242-2

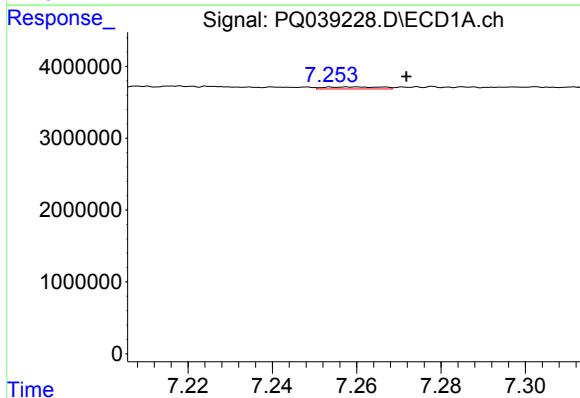
R.T.: 7.218 min
Delta R.T.: 0.016 min
Response: 2183966
Conc: 9.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



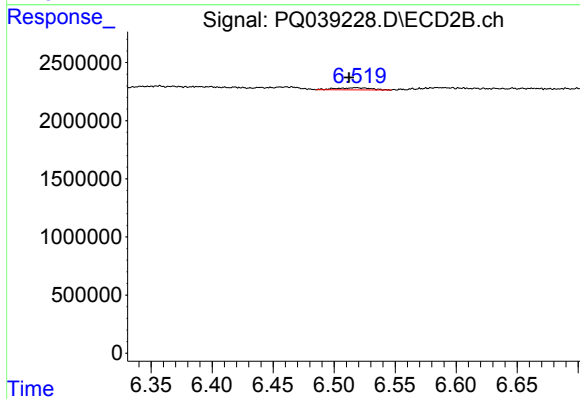
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.298 min
Response: 0
Conc: N.D.



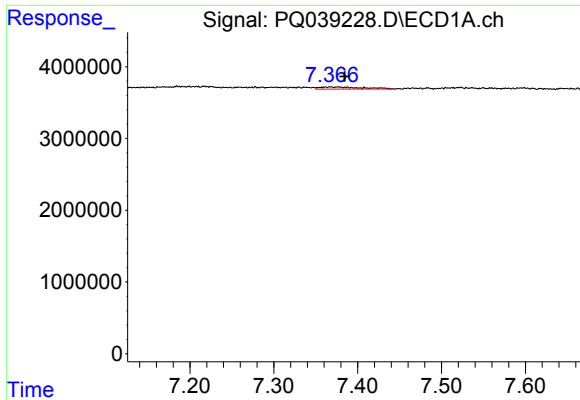
#18 AR-1242-3

R.T.: 7.259 min
Delta R.T.: -0.013 min
Response: 264095
Conc: 1.86 ng/ml



#18 AR-1242-3

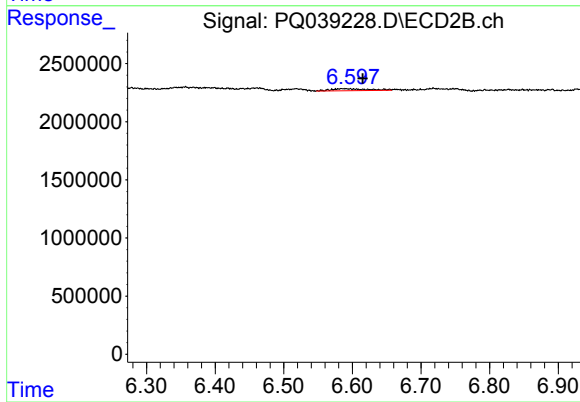
R.T.: 6.518 min
Delta R.T.: 0.006 min
Response: 363864
Conc: 5.43 ng/ml



#19 AR-1242-4

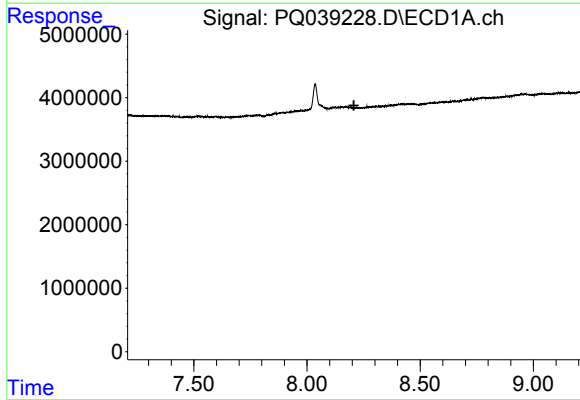
R.T.: 7.367 min
Delta R.T.: -0.018 min
Response: 1023754
Conc: 8.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



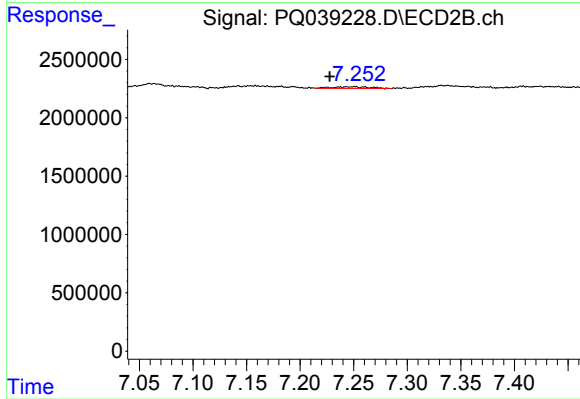
#19 AR-1242-4

R.T.: 6.587 min
Delta R.T.: -0.028 min
Response: 612261
Conc: 9.06 ng/ml



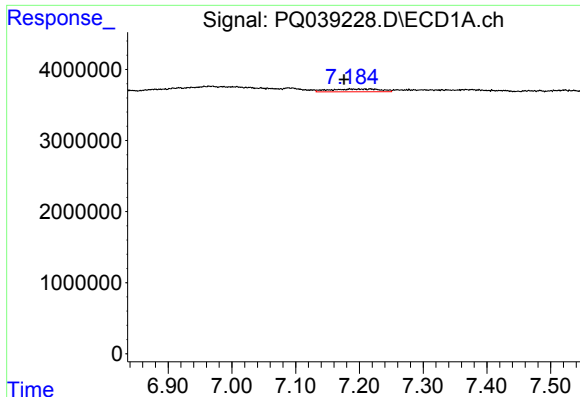
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.207 min
Response: 0
Conc: N.D.



#20 AR-1242-5

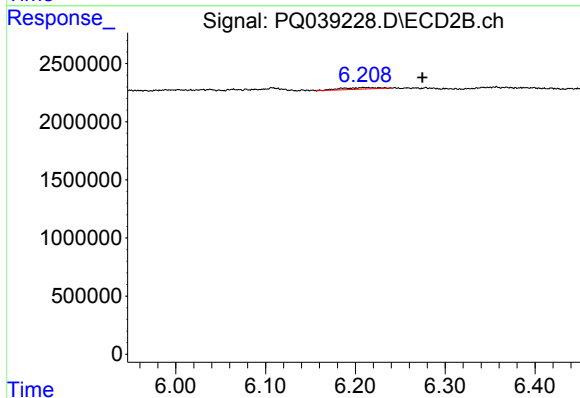
R.T.: 7.249 min
Delta R.T.: 0.022 min
Response: 346436
Conc: 3.63 ng/ml



#21 AR-1248-1

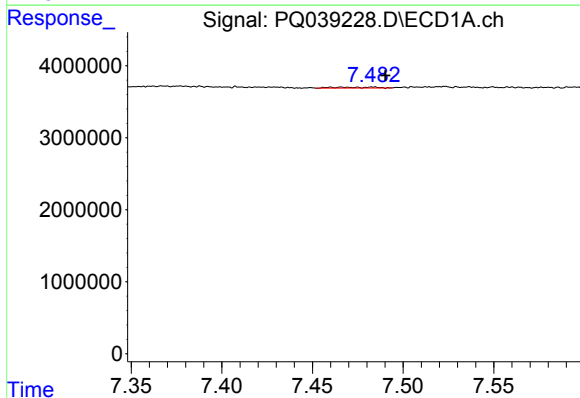
R.T.: 7.218 min
Delta R.T.: 0.042 min
Response: 2183966
Conc: 20.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



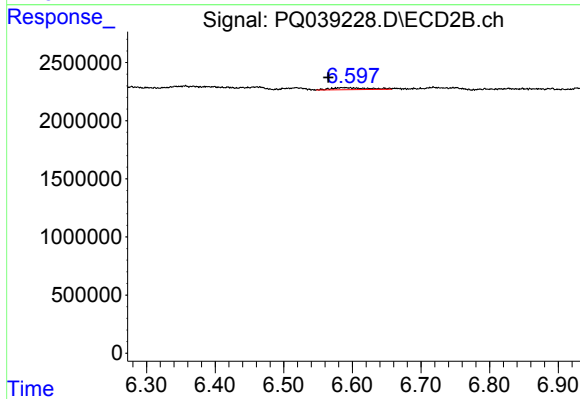
#21 AR-1248-1

R.T.: 6.210 min
Delta R.T.: -0.064 min
Response: 399521
Conc: 6.63 ng/ml



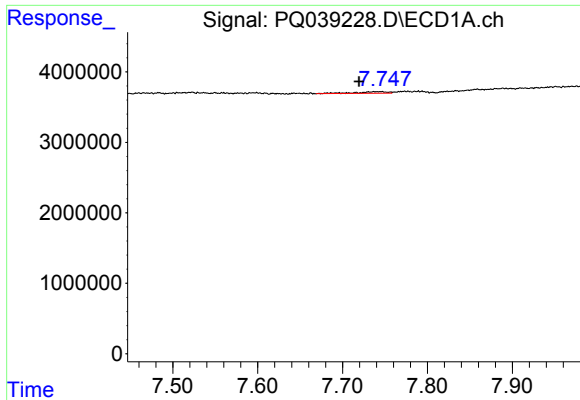
#22 AR-1248-2

R.T.: 7.466 min
Delta R.T.: -0.024 min
Response: 211531
Conc: 1.41 ng/ml



#22 AR-1248-2

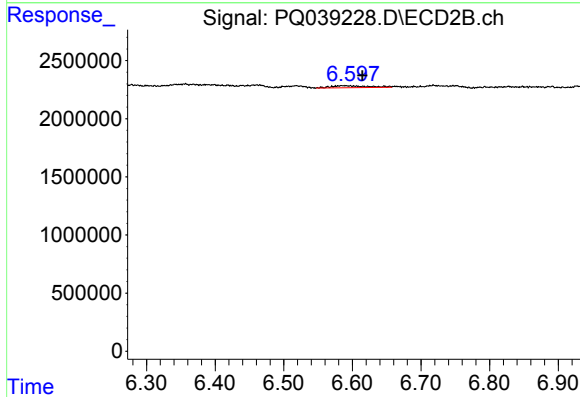
R.T.: 6.587 min
Delta R.T.: 0.022 min
Response: 612261
Conc: 7.24 ng/ml



#23 AR-1248-3

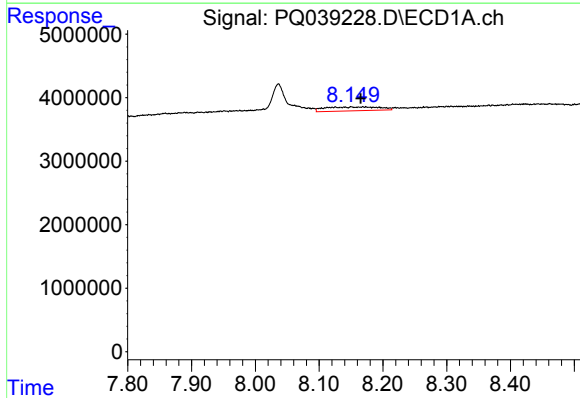
R.T.: 7.743 min
Delta R.T.: 0.024 min
Response: 584959
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



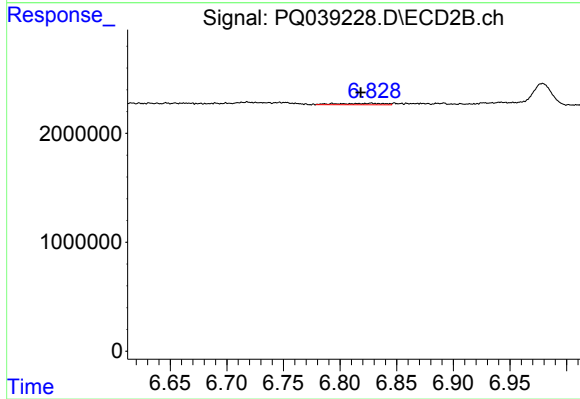
#23 AR-1248-3

R.T.: 6.587 min
Delta R.T.: -0.028 min
Response: 612261
Conc: 6.89 ng/ml



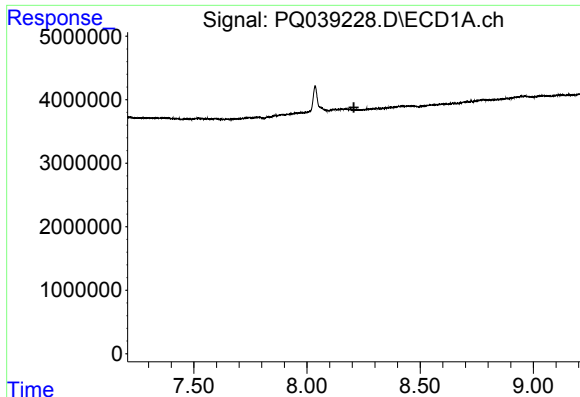
#24 AR-1248-4

R.T.: 8.125 min
Delta R.T.: -0.040 min
Response: 3668664
Conc: 18.05 ng/ml



#24 AR-1248-4

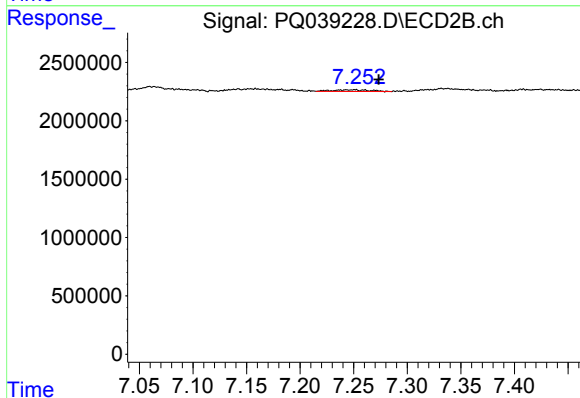
R.T.: 6.828 min
Delta R.T.: 0.010 min
Response: 373220
Conc: 3.26 ng/ml



#25 AR-1248-5

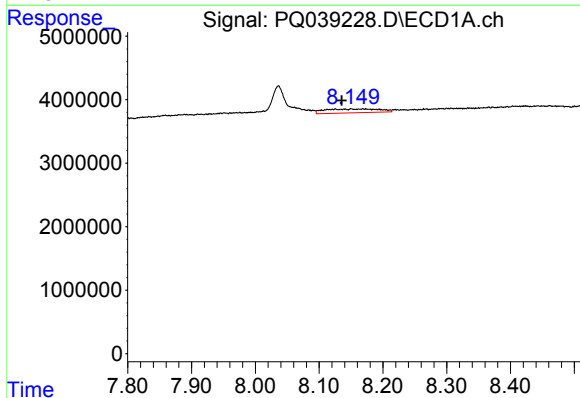
R.T.: 0.000 min
Exp R.T.: 8.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A5131



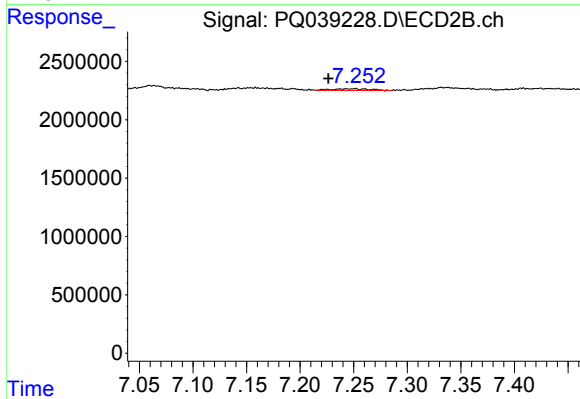
#25 AR-1248-5

R.T.: 7.249 min
Delta R.T.: -0.024 min
Response: 346436
Conc: 3.01 ng/ml



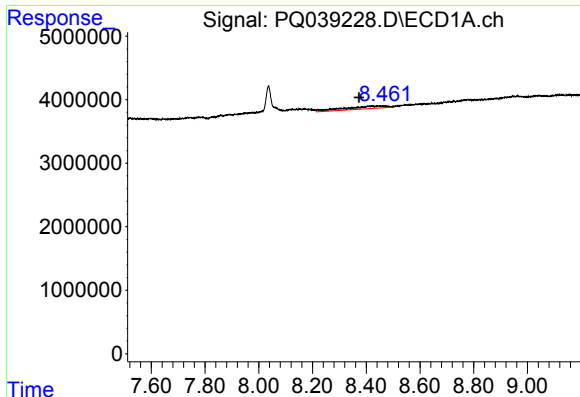
#26 AR-1254-1

R.T.: 8.125 min
Delta R.T.: -0.010 min
Response: 3668664
Conc: 17.00 ng/ml



#26 AR-1254-1

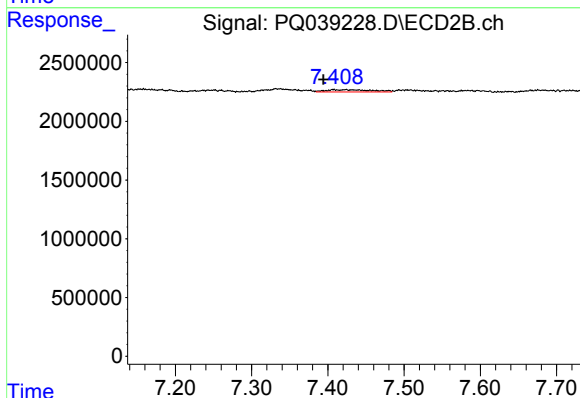
R.T.: 7.249 min
Delta R.T.: 0.023 min
Response: 346436
Conc: 1.89 ng/ml



#27 AR-1254-2

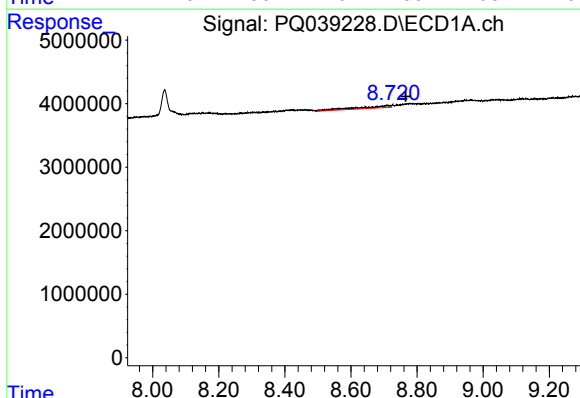
R.T.: 8.443 min
Delta R.T.: 0.070 min
Response: 4485965
Conc: 13.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



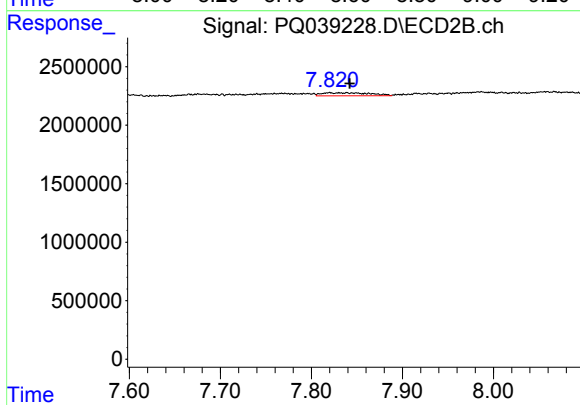
#27 AR-1254-2

R.T.: 7.408 min
Delta R.T.: 0.014 min
Response: 802622
Conc: 4.96 ng/ml



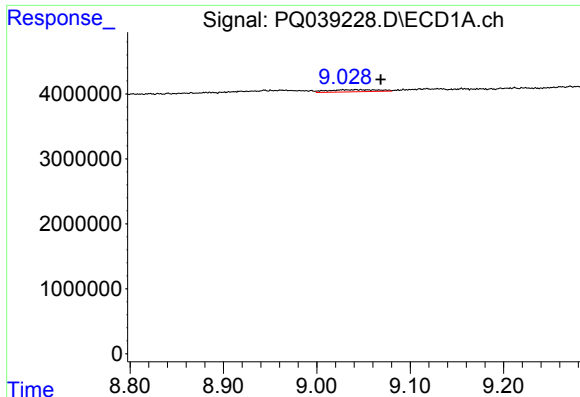
#28 AR-1254-3

R.T.: 8.710 min
Delta R.T.: -0.056 min
Response: 2427334
Conc: 6.53 ng/ml



#28 AR-1254-3

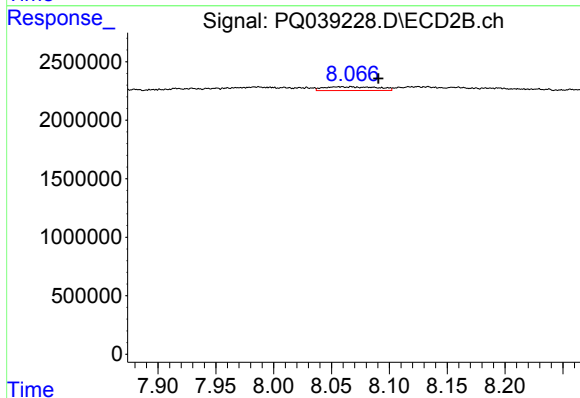
R.T.: 7.820 min
Delta R.T.: -0.022 min
Response: 936015
Conc: 3.31 ng/ml



#29 AR-1254-4

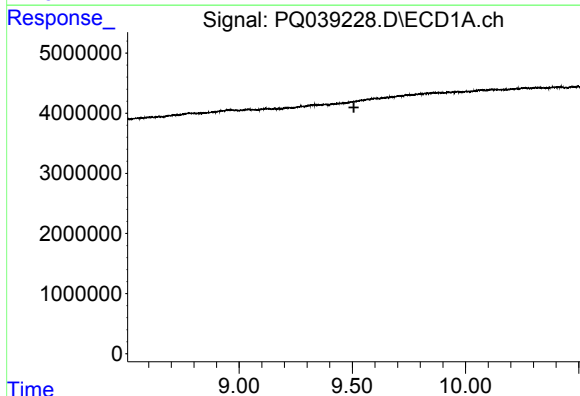
R.T.: 9.043 min
Delta R.T.: -0.025 min
Response: 1218442
Conc: 4.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



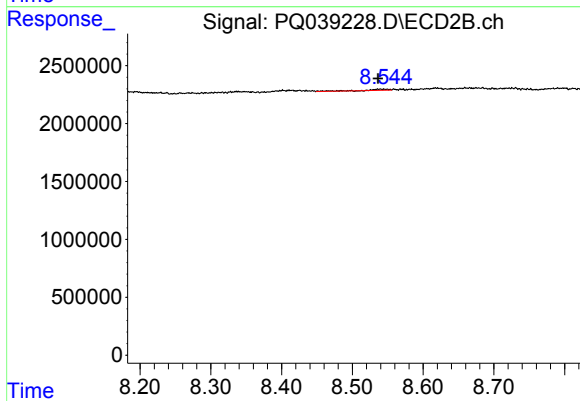
#29 AR-1254-4

R.T.: 8.067 min
Delta R.T.: -0.024 min
Response: 1034842
Conc: 6.24 ng/ml



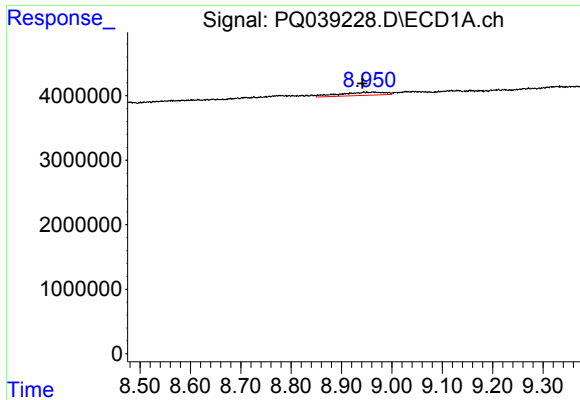
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.507 min
Response: 0
Conc: N.D.



#30 AR-1254-5

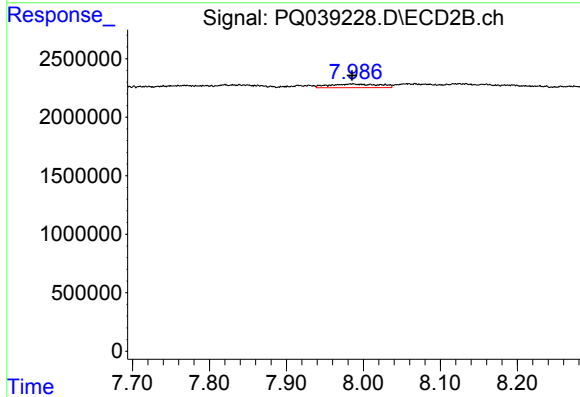
R.T.: 8.540 min
Delta R.T.: 0.004 min
Response: 241623
Conc: 0.98 ng/ml



#31 AR-1260-1

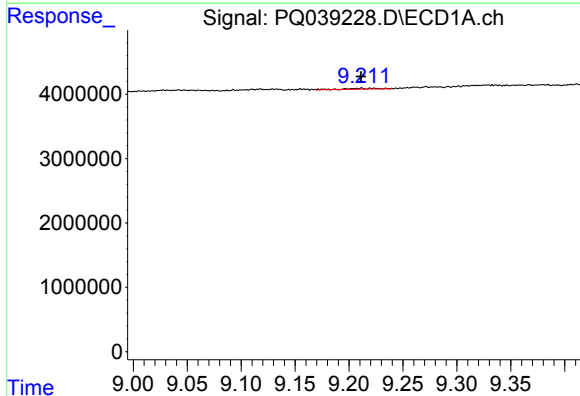
R.T.: 8.963 min
Delta R.T.: 0.022 min
Response: 3115448
Conc: 6.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



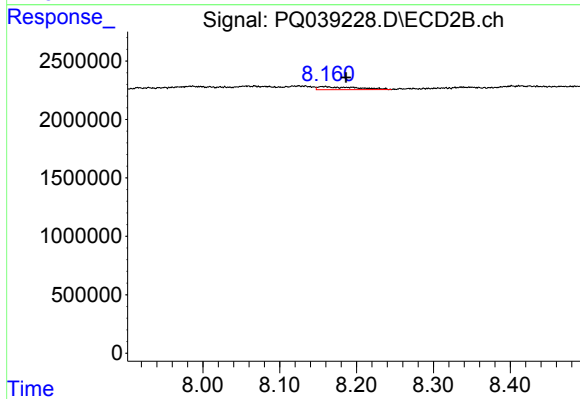
#31 AR-1260-1

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 1397705
Conc: 4.61 ng/ml



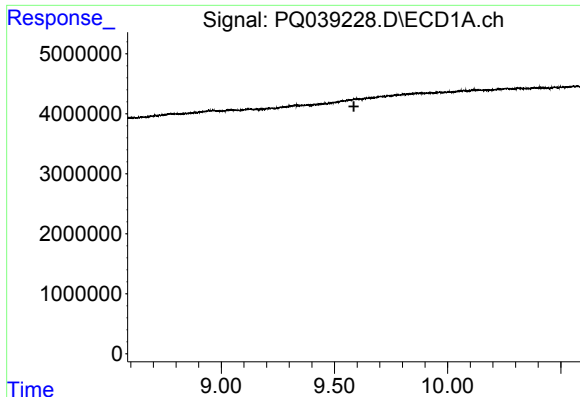
#32 AR-1260-2

R.T.: 9.212 min
Delta R.T.: 0.000 min
Response: 285976
Conc: 0.50 ng/ml



#32 AR-1260-2

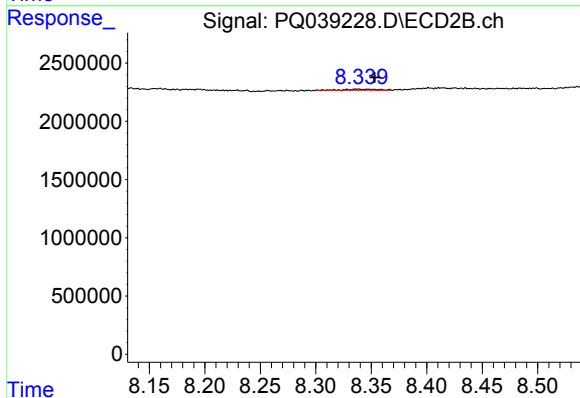
R.T.: 8.158 min
Delta R.T.: -0.029 min
Response: 880439
Conc: 2.38 ng/ml



#33 AR-1260-3

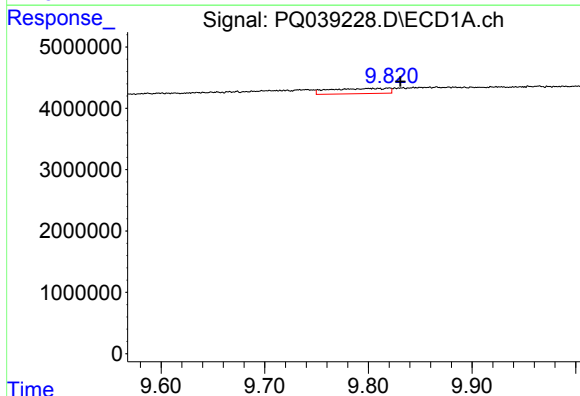
R.T.: 0.000 min
Exp R.T.: 9.586 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A5131



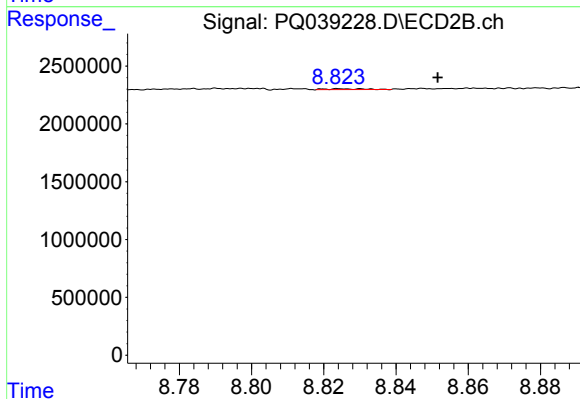
#33 AR-1260-3

R.T.: 8.338 min
Delta R.T.: -0.015 min
Response: 184040
Conc: 0.52 ng/ml



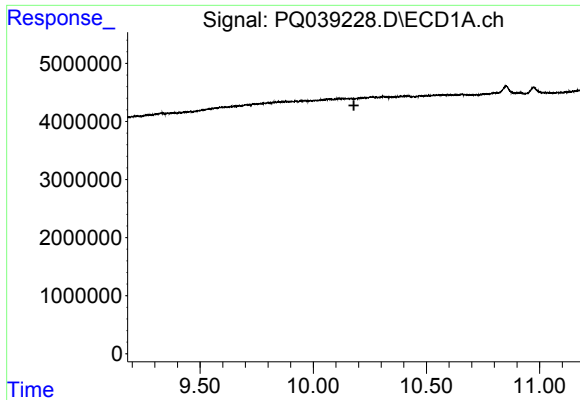
#34 AR-1260-4

R.T.: 9.801 min
Delta R.T.: -0.030 min
Response: 3319591
Conc: 6.47 ng/ml



#34 AR-1260-4

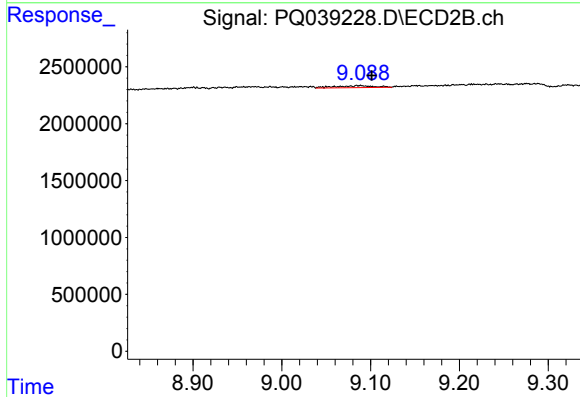
R.T.: 8.825 min
Delta R.T.: -0.027 min
Response: 53807
Conc: 0.19 ng/ml



#35 AR-1260-5

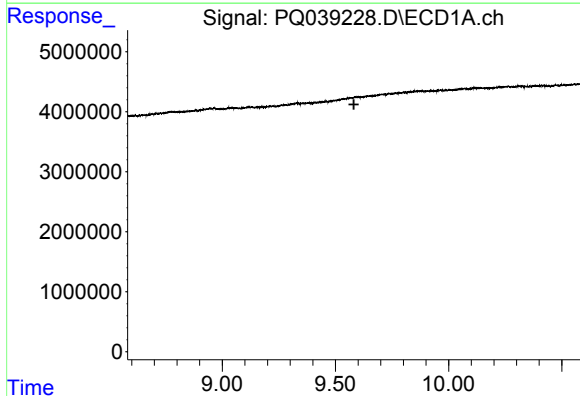
R.T.: 0.000 min
Exp R.T.: 10.180 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A5131



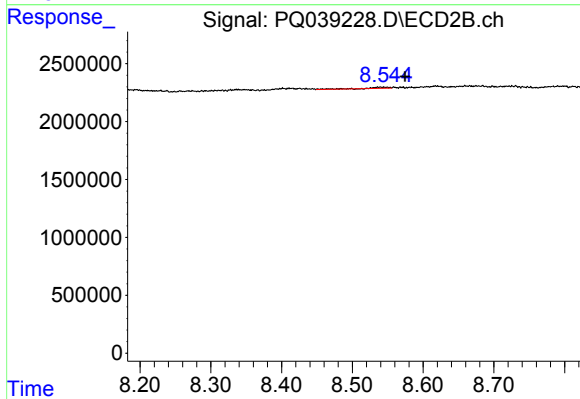
#35 AR-1260-5

R.T.: 9.088 min
Delta R.T.: -0.013 min
Response: 510787
Conc: 0.72 ng/ml



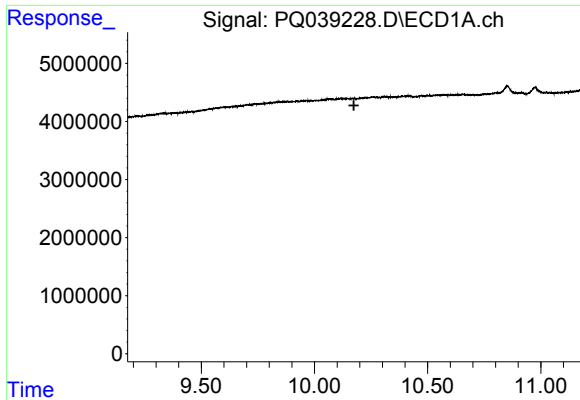
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.581 min
Response: 0
Conc: N.D.



#36 AR-1262-1

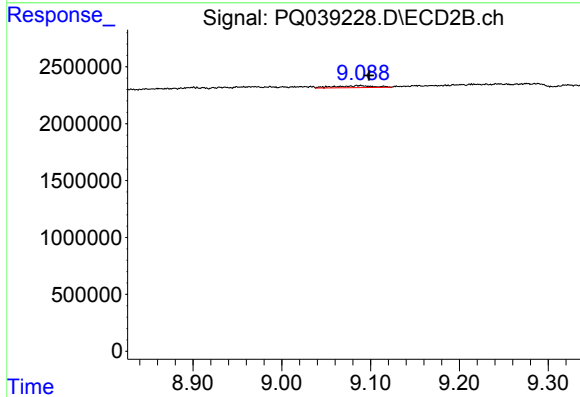
R.T.: 8.540 min
Delta R.T.: -0.035 min
Response: 241623
Conc: 0.92 ng/ml



#37 AR-1262-2

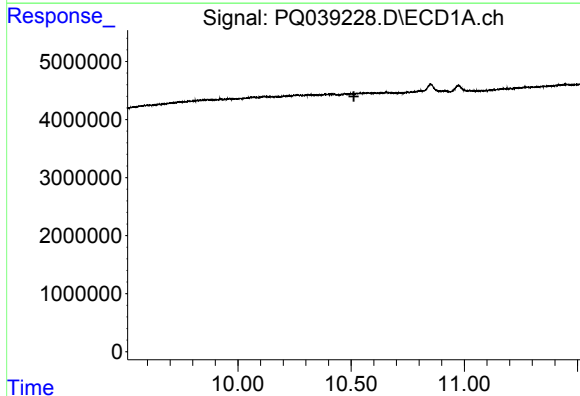
R.T.: 0.000 min
Exp R.T.: 10.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A5131



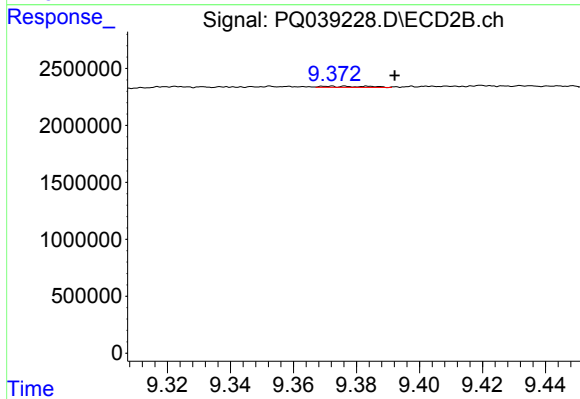
#37 AR-1262-2

R.T.: 9.088 min
Delta R.T.: -0.010 min
Response: 510787
Conc: 1.07 ng/ml



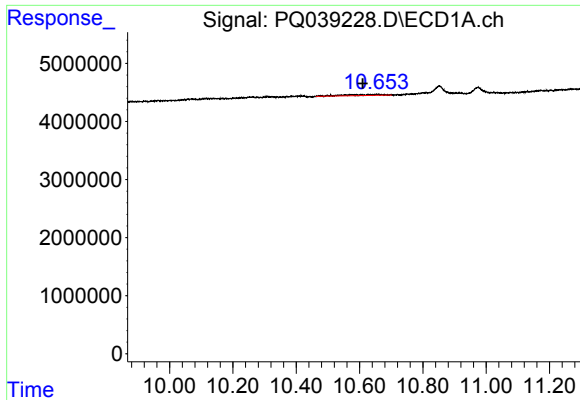
#38 AR-1262-3

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



#38 AR-1262-3

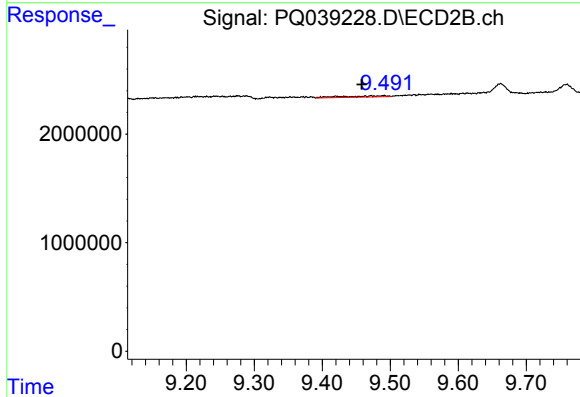
R.T.: 9.372 min
Delta R.T.: -0.020 min
Response: 101820
Conc: 0.52 ng/ml



#39 AR-1262-4

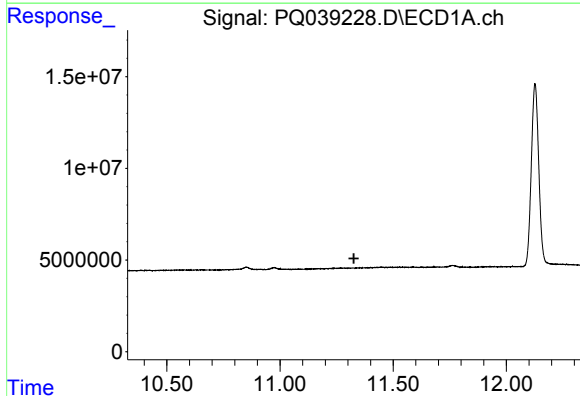
R.T.: 10.656 min
Delta R.T.: 0.045 min
Response: 1227140
Conc: 3.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



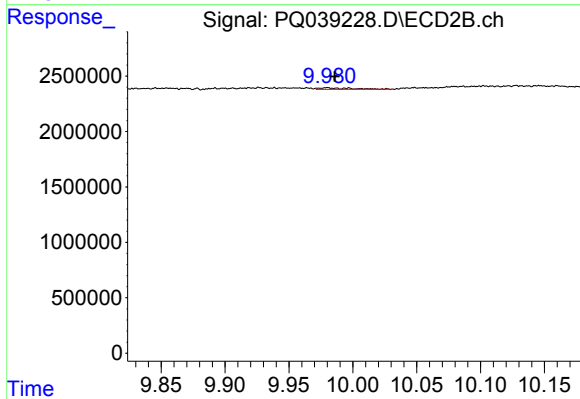
#39 AR-1262-4

R.T.: 9.472 min
Delta R.T.: 0.014 min
Response: 451125
Conc: 1.22 ng/ml



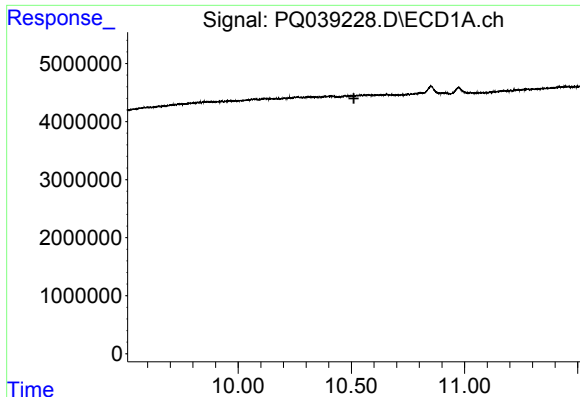
#40 AR-1262-5

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



#40 AR-1262-5

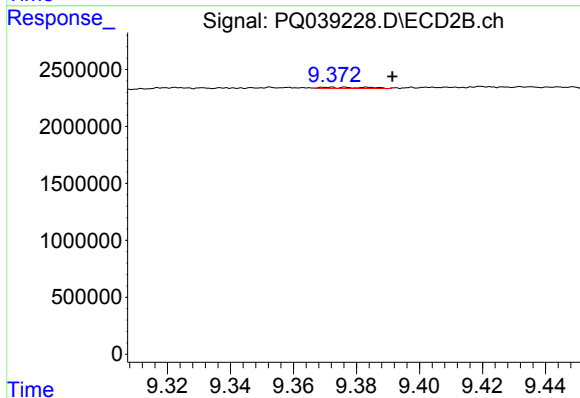
R.T.: 9.980 min
Delta R.T.: -0.006 min
Response: 239262
Conc: 1.58 ng/ml



#41 AR-1268-1

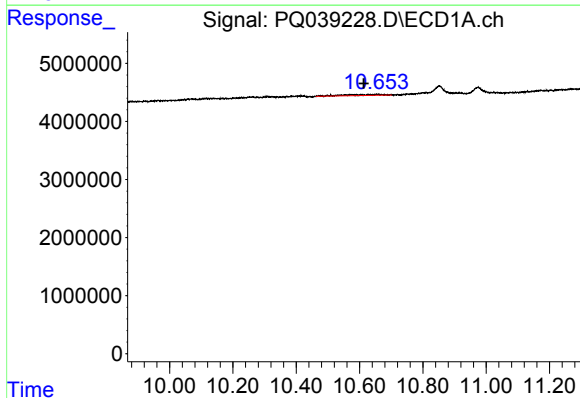
R.T.: 0.000 min
Exp R.T.: 10.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A5131



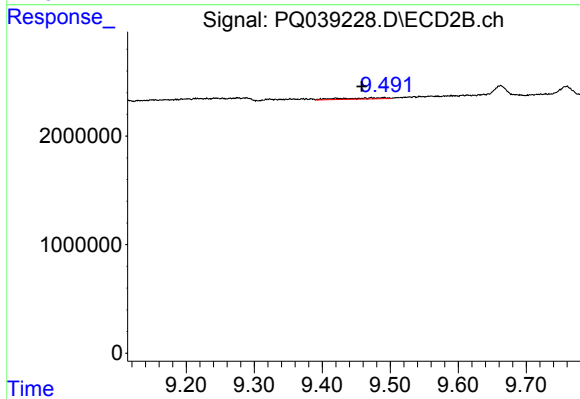
#41 AR-1268-1

R.T.: 9.372 min
Delta R.T.: -0.019 min
Response: 101820
Conc: 0.10 ng/ml



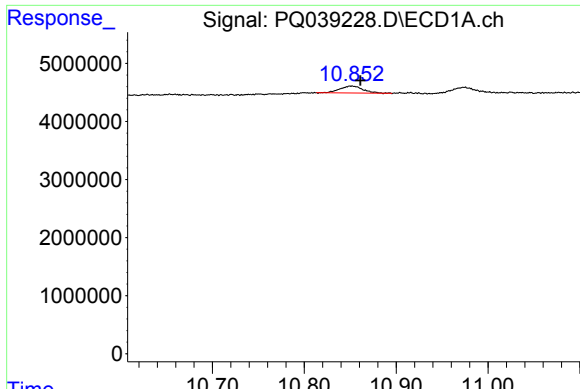
#42 AR-1268-2

R.T.: 10.656 min
Delta R.T.: 0.042 min
Response: 1227140
Conc: 0.89 ng/ml



#42 AR-1268-2

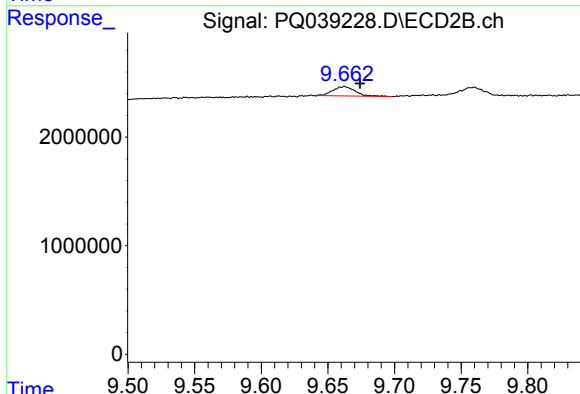
R.T.: 9.472 min
Delta R.T.: 0.014 min
Response: 451125
Conc: 0.48 ng/ml



#43 AR-1268-3

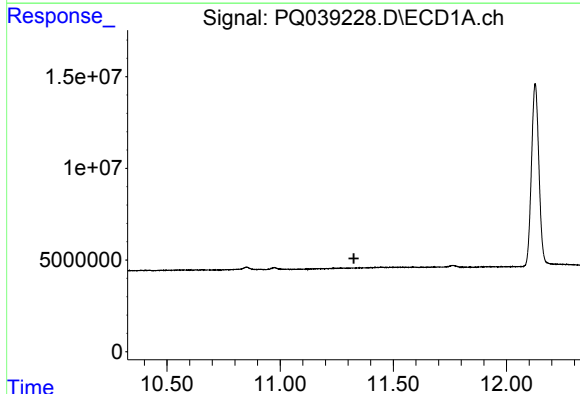
R.T.: 10.851 min
Delta R.T.: -0.010 min
Response: 2115337
Conc: 1.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



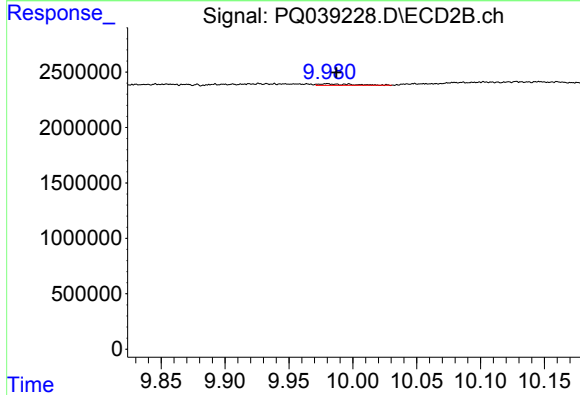
#43 AR-1268-3

R.T.: 9.662 min
Delta R.T.: -0.012 min
Response: 1013872
Conc: 1.28 ng/ml



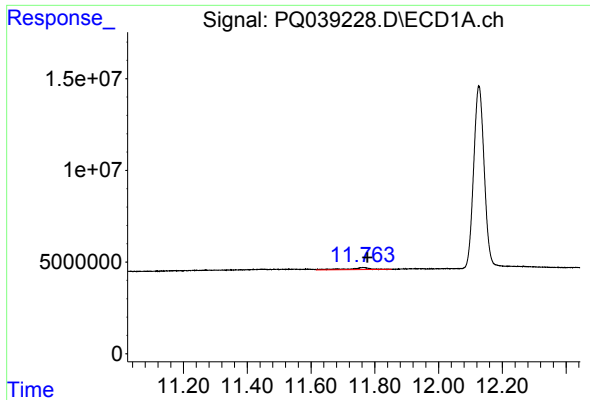
#44 AR-1268-4

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



#44 AR-1268-4

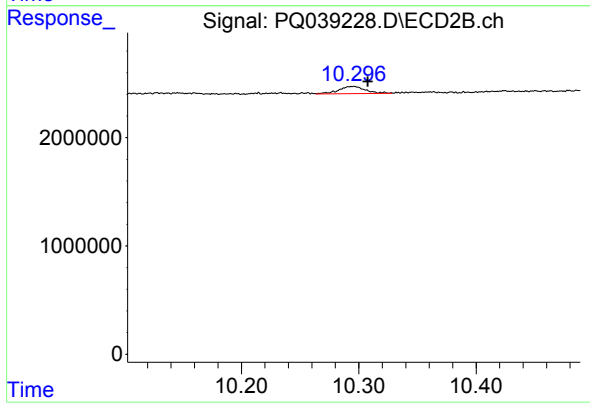
R.T.: 9.980 min
Delta R.T.: -0.007 min
Response: 239262
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 11.763 min
Delta R.T.: -0.014 min
Response: 5455995
Conc: 1.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A5131



#45 AR-1268-5

R.T.: 10.295 min
Delta R.T.: -0.013 min
Response: 1052716
Conc: 0.42 ng/ml