

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
 Data File : PQ040315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2019 19:09
 Operator : SM\AJ
 Sample : K2948-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFHA9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:38:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.594	4.732	46991551	34190224	14.345	15.919
2)	SA Decachlor...	11.901	10.454	134.8E6	77606190	18.876	18.664
Target Compounds							
3)	L1 AR-1016-1	7.032	6.195	1067542	329607	6.381	2.569 #
4)	L1 AR-1016-2	7.137	6.195	992829	329607	3.776	1.708 #
5)	L1 AR-1016-3	7.137	6.452	992829	49283	5.817	0.457 #
6)	L1 AR-1016-4	7.305	6.452	416741	49283	3.015	0.579 #
7)	L1 AR-1016-5	0.000	6.737	0	168638	N.D.	1.465 #
8)	L2 AR-1221-1	0.000	5.013	0	451565	N.D.	18.426 #
9)	L2 AR-1221-2	5.986	5.153	1312927	2063538	59.592	126.693 #
10)	L2 AR-1221-3	6.066	5.303	1323368	37523	14.980	0.617 #
11)	L3 AR-1232-1	6.066	5.303	1323368	37523	20.432	0.819 #
12)	L3 AR-1232-2	6.746	6.195	822750	329607	20.752	5.495 #
13)	L3 AR-1232-3	7.032	6.452	1067542	49283	13.210	1.401 #
14)	L3 AR-1232-4	7.305	6.513	416741	724841	9.970	24.531 #
15)	L3 AR-1232-5	7.358	6.737	320921	168638	10.126	5.602 #
16)	L4 AR-1242-1	7.032	6.195	1067542	329607	11.011	4.457 #
17)	L4 AR-1242-2	7.137	6.195	992829	329607	6.870	3.096 #
18)	L4 AR-1242-3	7.137	6.452	992829	49283	10.665	0.817 #
19)	L4 AR-1242-4	7.305	6.513	416741	724841	5.541	12.162 #
20)	L4 AR-1242-5	0.000	7.161	0	1022244	N.D.	12.685 #
21)	L5 AR-1248-1	7.032	6.195	1067542	329607	13.792	5.720 #
22)	L5 AR-1248-2	7.358	6.452	320921	49283	2.849	0.561 #
23)	L5 AR-1248-3	0.000	6.513	0	724841	N.D.	8.011 #
24)	L5 AR-1248-4	0.000	6.737	0	168638	N.D.	1.527 #
25)	L5 AR-1248-5	0.000	7.161	0	1022244	N.D.	9.004 #
26)	L6 AR-1254-1	0.000	7.161	0	1022244	N.D.	5.337 #
27)	L6 AR-1254-2	8.273	7.353	1488745	703933	5.383	4.052
28)	L6 AR-1254-3	0.000	7.759	0	582812	N.D.	2.017 #
29)	L6 AR-1254-4	0.000	7.986	0	525370	N.D.	2.942 #
30)	L6 AR-1254-5	9.408	8.472	268722	545408	0.933	2.117 #
31)	L7 AR-1260-1	8.822	7.897	1422550	704857	4.280	2.571 #
32)	L7 AR-1260-2	9.085	8.123	2213014	384446	5.478	1.111 #
33)	L7 AR-1260-3	9.408	8.253	268722	133579	0.815	0.417 #
34)	L7 AR-1260-4	9.735	8.786	1611315	460945	4.372	1.696 #
35)	L7 AR-1260-5	9.992	8.995	1129594	404791	1.467	0.602 #
36)	L8 AR-1262-1	9.569	8.519	11136	270639	0.080	2.384 #
37)	L8 AR-1262-2	9.992	8.995	1129594	404791	1.952	0.816 #
38)	L8 AR-1262-3	0.000	9.289	0	228746	N.D.	1.088 #
39)	L8 AR-1262-4	10.498	9.335	-14900	510869	N.D.	1.349 #
40)	L8 AR-1262-5	0.000	9.882	0	1690736	N.D.	10.428 #
41)	L9 AR-1268-1	0.000	9.289	0	228746	N.D.	0.501 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
Data File : PQ040315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2019 19:09
Operator : SM\AJ
Sample : K2948-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

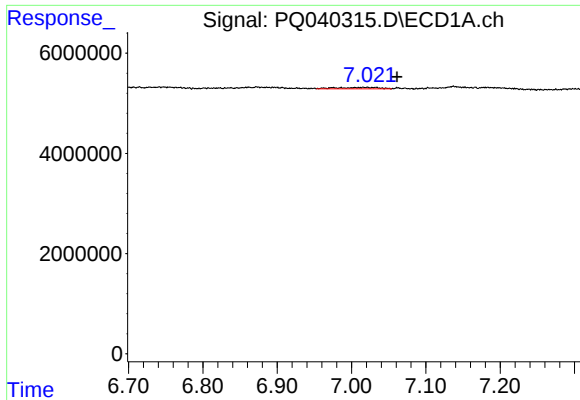
Instrument :
ECD_Q
ClientSampleId :
BFHA9

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 01:38:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 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
42)	L9 AR-1268-2	10.498	9.335	-14900	510869	N.D.	1.169 #
43)	L9 AR-1268-3	10.678	9.565	758128	685493	1.396	1.826 #
44)	L9 AR-1268-4	0.000	9.882	0	1690736	N.D.	12.271 #
45)	L9 AR-1268-5	11.558	10.186	1832750	712599	0.992	0.604 #

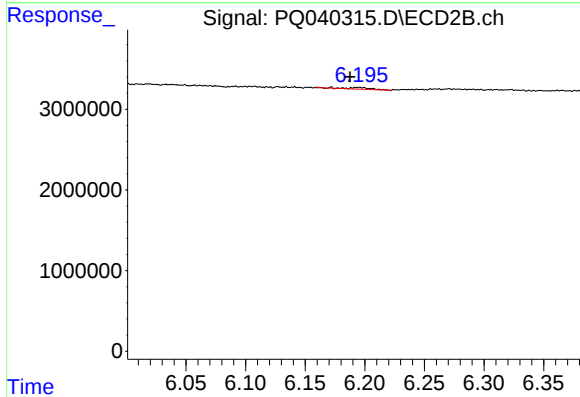
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

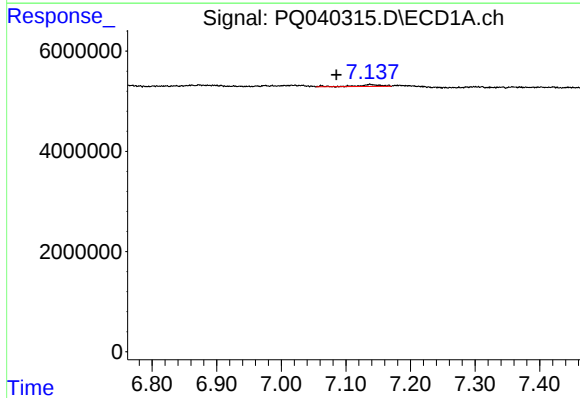
R.T.: 7.032 min
Delta R.T.: -0.029 min
Response: 1067542
Conc: 6.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



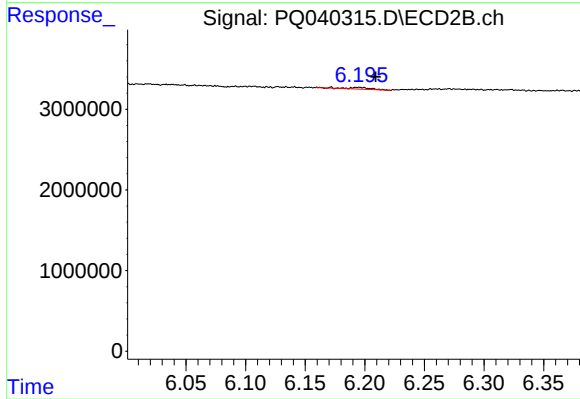
#3 AR-1016-1

R.T.: 6.195 min
Delta R.T.: 0.007 min
Response: 329607
Conc: 2.57 ng/ml



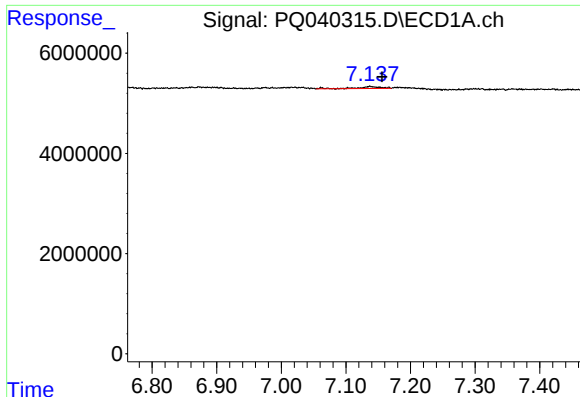
#4 AR-1016-2

R.T.: 7.137 min
Delta R.T.: 0.052 min
Response: 992829
Conc: 3.78 ng/ml



#4 AR-1016-2

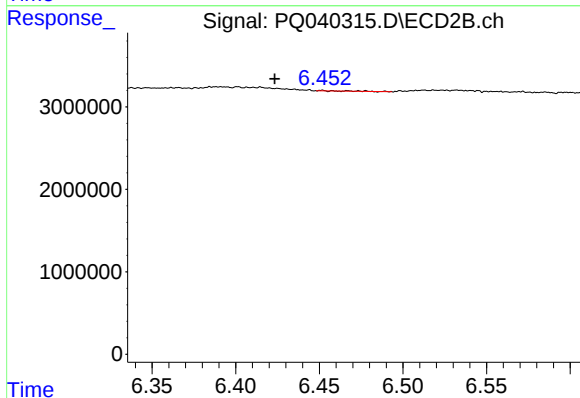
R.T.: 6.195 min
Delta R.T.: -0.015 min
Response: 329607
Conc: 1.71 ng/ml



#5 AR-1016-3

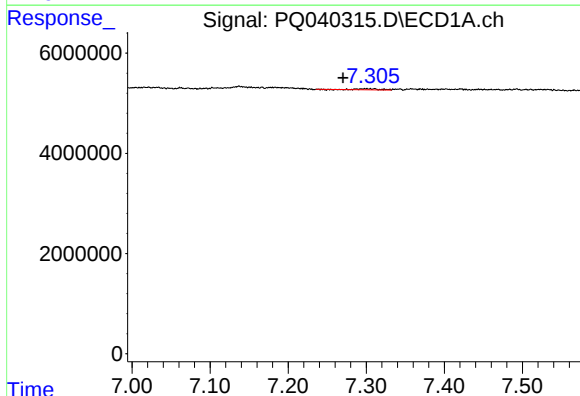
R.T.: 7.137 min
Delta R.T.: -0.018 min
Response: 992829
Conc: 5.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



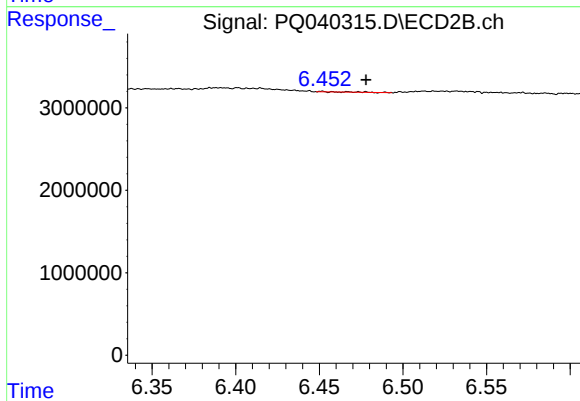
#5 AR-1016-3

R.T.: 6.452 min
Delta R.T.: 0.028 min
Response: 49283
Conc: 0.46 ng/ml



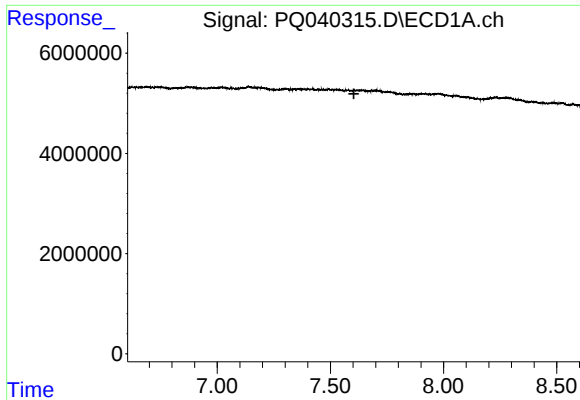
#6 AR-1016-4

R.T.: 7.305 min
Delta R.T.: 0.035 min
Response: 416741
Conc: 3.01 ng/ml



#6 AR-1016-4

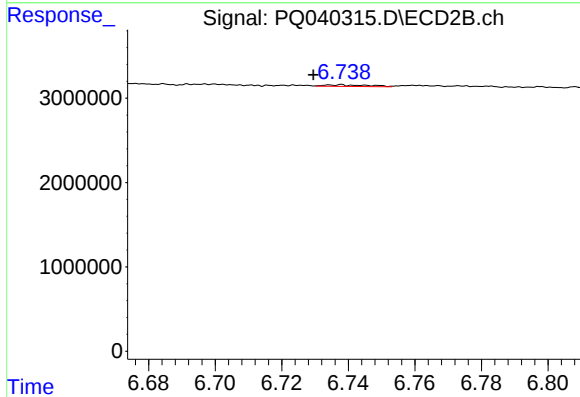
R.T.: 6.452 min
Delta R.T.: -0.026 min
Response: 49283
Conc: 0.58 ng/ml



#7 AR-1016-5

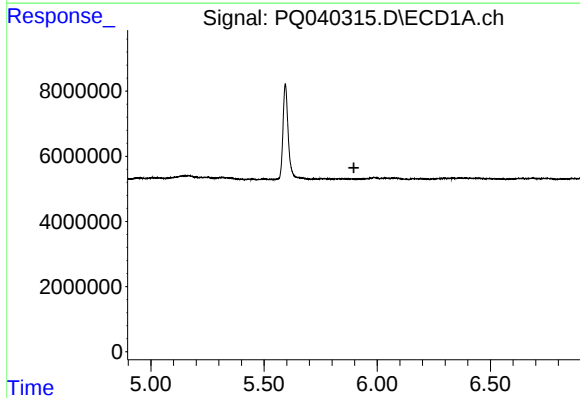
R.T.: 0.000 min
Exp R.T.: 7.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFHA9



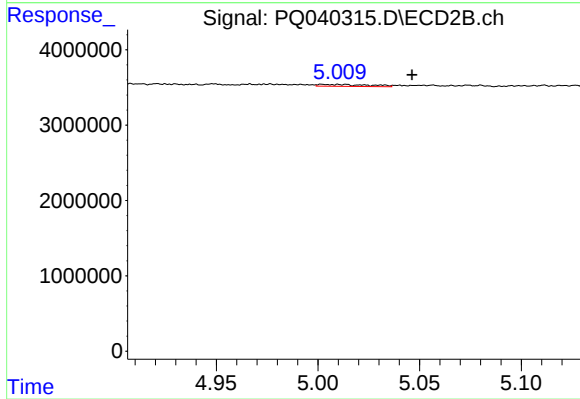
#7 AR-1016-5

R.T.: 6.737 min
Delta R.T.: 0.008 min
Response: 168638
Conc: 1.46 ng/ml



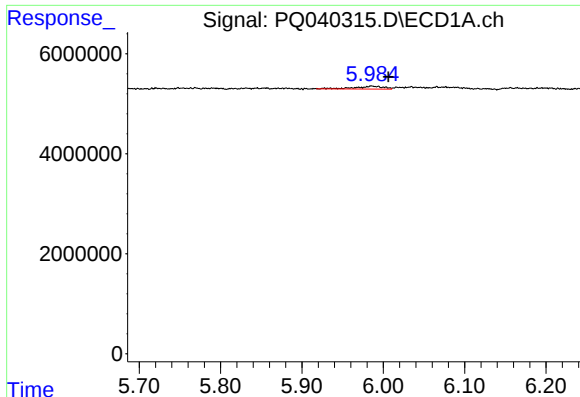
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

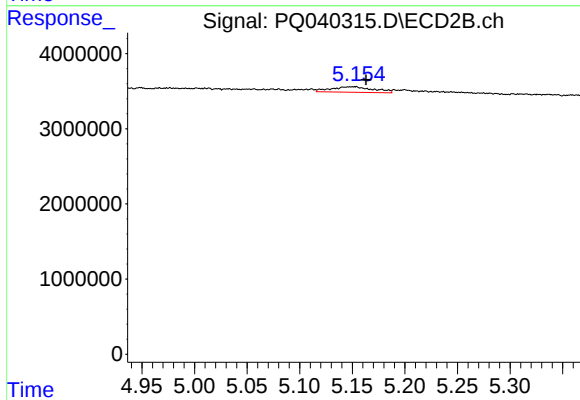
R.T.: 5.013 min
Delta R.T.: -0.033 min
Response: 451565
Conc: 18.43 ng/ml



#9 AR-1221-2

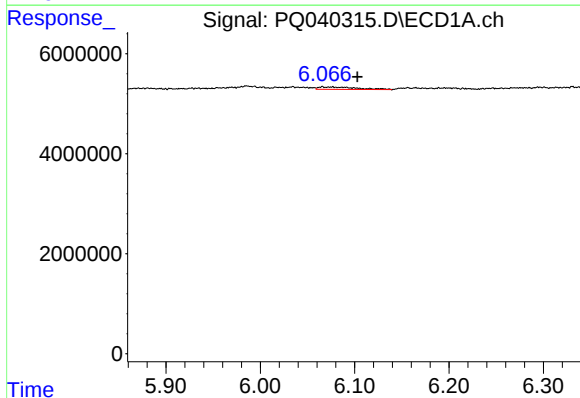
R.T.: 5.986 min
Delta R.T.: -0.020 min
Response: 1312927
Conc: 59.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



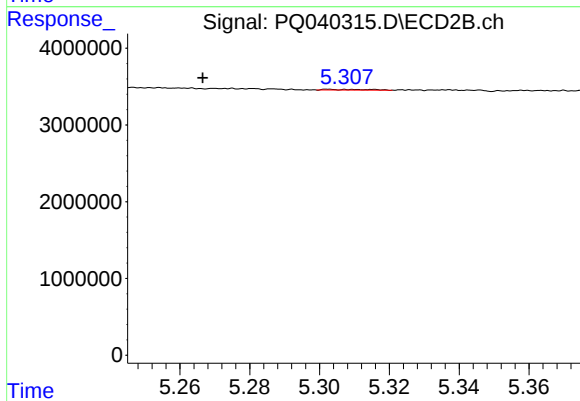
#9 AR-1221-2

R.T.: 5.153 min
Delta R.T.: -0.010 min
Response: 2063538
Conc: 126.69 ng/ml



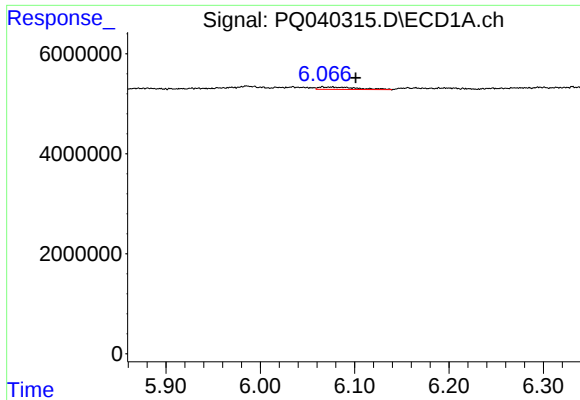
#10 AR-1221-3

R.T.: 6.066 min
Delta R.T.: -0.037 min
Response: 1323368
Conc: 14.98 ng/ml



#10 AR-1221-3

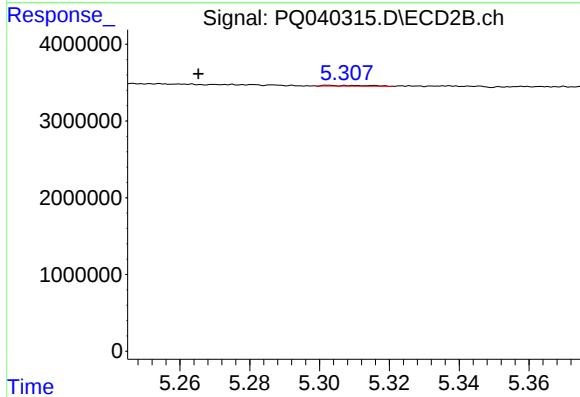
R.T.: 5.303 min
Delta R.T.: 0.036 min
Response: 37523
Conc: 0.62 ng/ml



#11 AR-1232-1

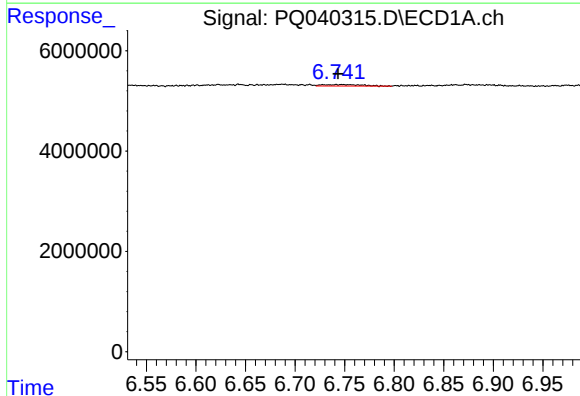
R.T.: 6.066 min
Delta R.T.: -0.035 min
Response: 1323368
Conc: 20.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



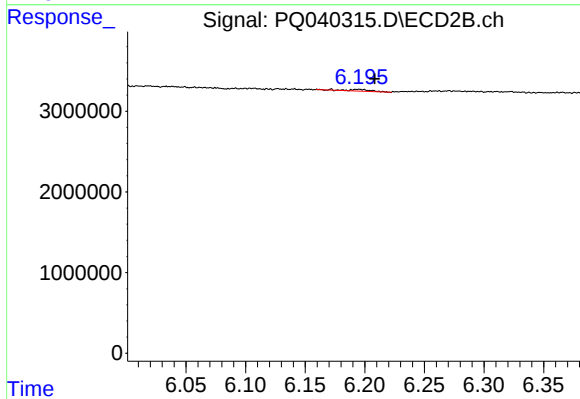
#11 AR-1232-1

R.T.: 5.303 min
Delta R.T.: 0.037 min
Response: 37523
Conc: 0.82 ng/ml



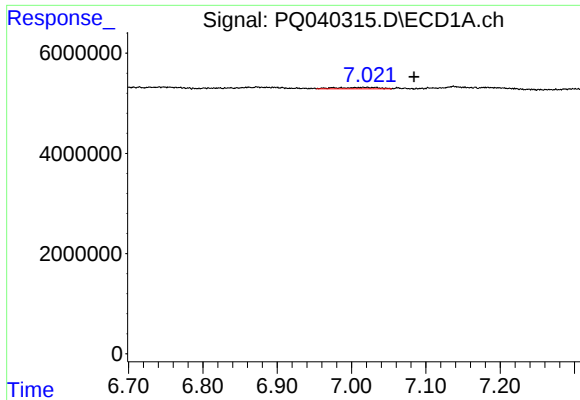
#12 AR-1232-2

R.T.: 6.746 min
Delta R.T.: 0.003 min
Response: 822750
Conc: 20.75 ng/ml



#12 AR-1232-2

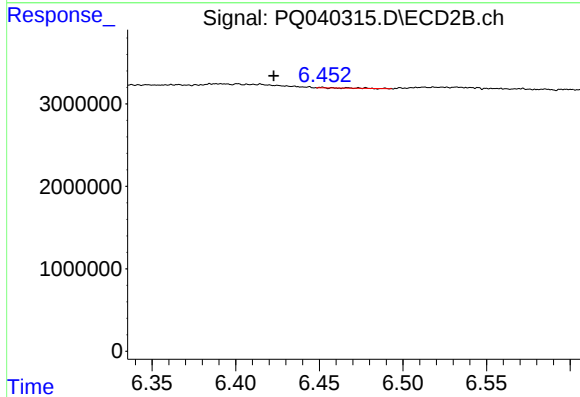
R.T.: 6.195 min
Delta R.T.: -0.014 min
Response: 329607
Conc: 5.49 ng/ml



#13 AR-1232-3

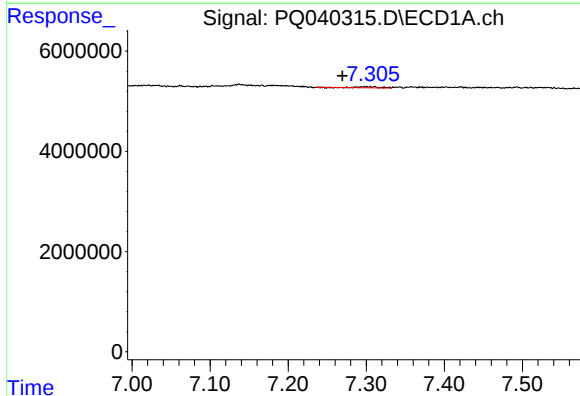
R.T.: 7.032 min
Delta R.T.: -0.053 min
Response: 1067542
Conc: 13.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



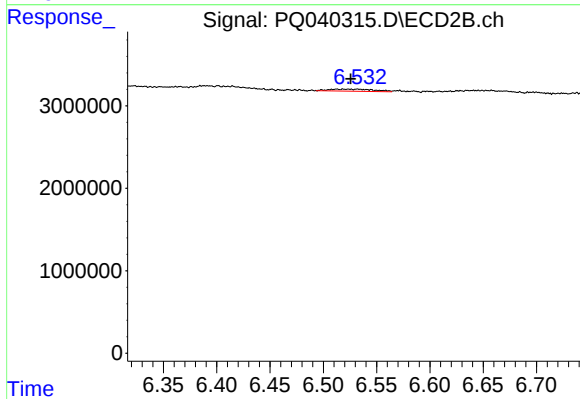
#13 AR-1232-3

R.T.: 6.452 min
Delta R.T.: 0.029 min
Response: 49283
Conc: 1.40 ng/ml



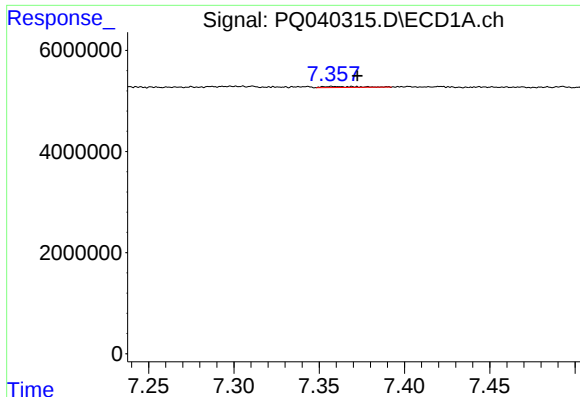
#14 AR-1232-4

R.T.: 7.305 min
Delta R.T.: 0.036 min
Response: 416741
Conc: 9.97 ng/ml



#14 AR-1232-4

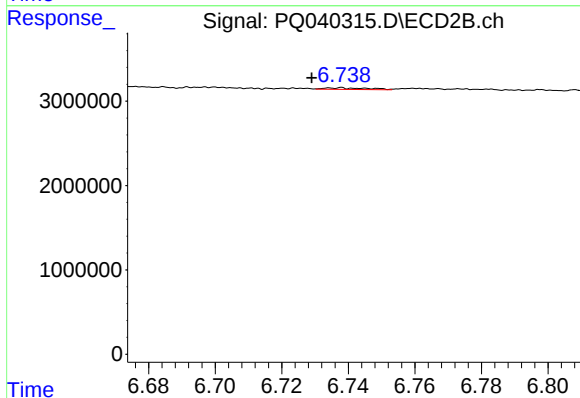
R.T.: 6.513 min
Delta R.T.: -0.013 min
Response: 724841
Conc: 24.53 ng/ml



#15 AR-1232-5

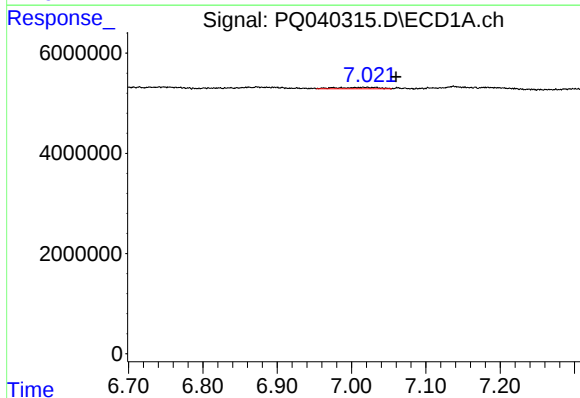
R.T.: 7.358 min
Delta R.T.: -0.014 min
Response: 320921
Conc: 10.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



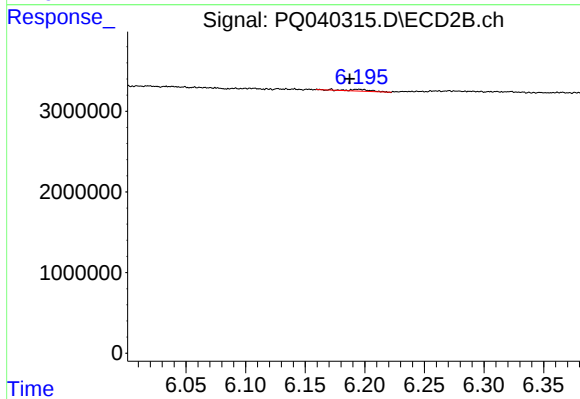
#15 AR-1232-5

R.T.: 6.737 min
Delta R.T.: 0.008 min
Response: 168638
Conc: 5.60 ng/ml



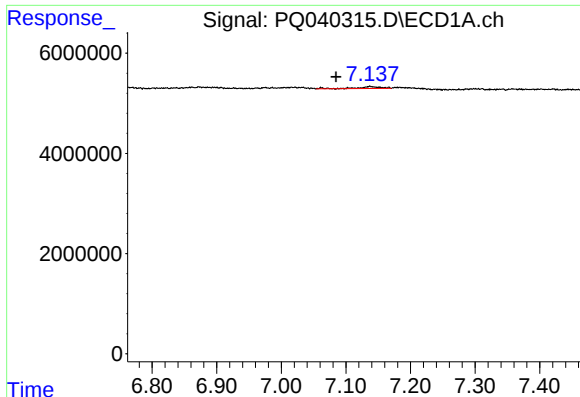
#16 AR-1242-1

R.T.: 7.032 min
Delta R.T.: -0.028 min
Response: 1067542
Conc: 11.01 ng/ml



#16 AR-1242-1

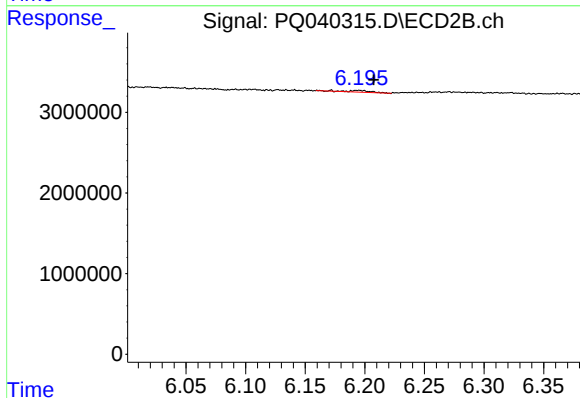
R.T.: 6.195 min
Delta R.T.: 0.007 min
Response: 329607
Conc: 4.46 ng/ml



#17 AR-1242-2

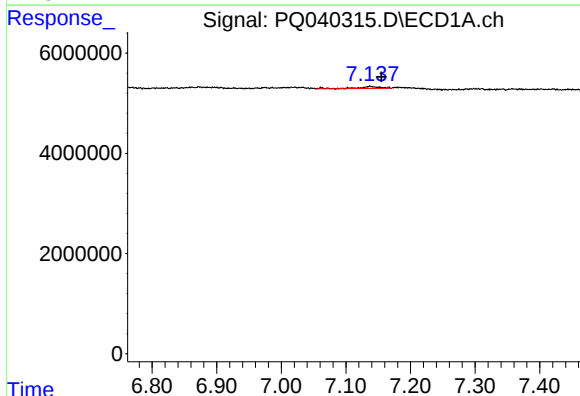
R.T.: 7.137 min
Delta R.T.: 0.053 min
Response: 992829
Conc: 6.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



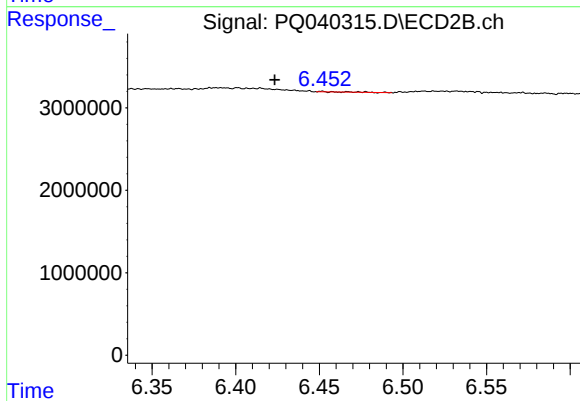
#17 AR-1242-2

R.T.: 6.195 min
Delta R.T.: -0.013 min
Response: 329607
Conc: 3.10 ng/ml



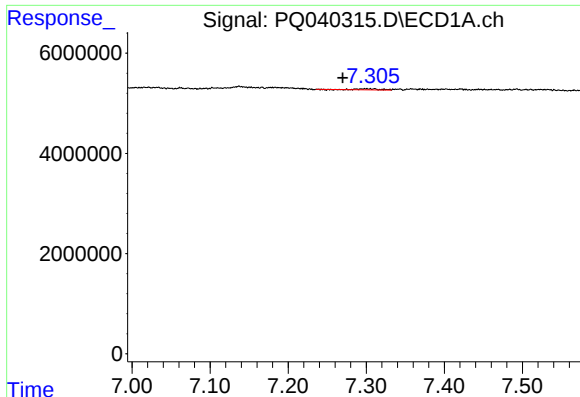
#18 AR-1242-3

R.T.: 7.137 min
Delta R.T.: -0.018 min
Response: 992829
Conc: 10.67 ng/ml



#18 AR-1242-3

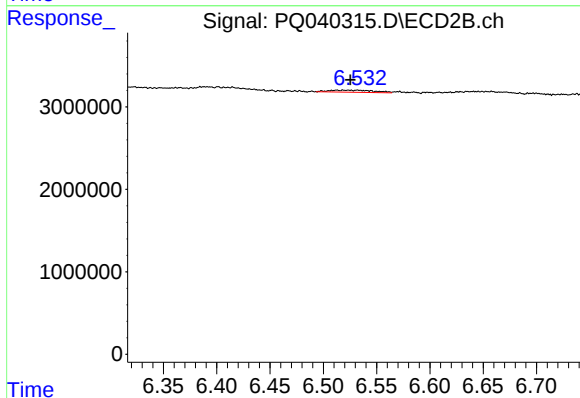
R.T.: 6.452 min
Delta R.T.: 0.028 min
Response: 49283
Conc: 0.82 ng/ml



#19 AR-1242-4

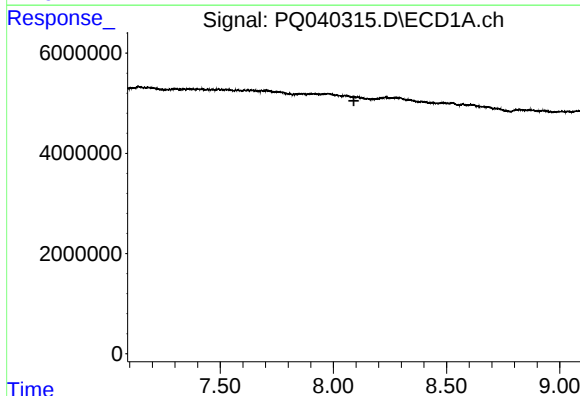
R.T.: 7.305 min
Delta R.T.: 0.035 min
Response: 416741
Conc: 5.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



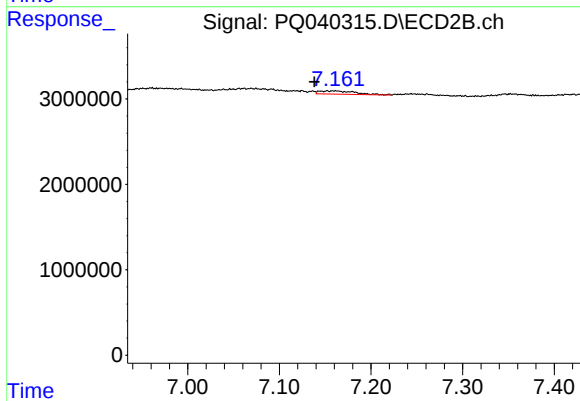
#19 AR-1242-4

R.T.: 6.513 min
Delta R.T.: -0.013 min
Response: 724841
Conc: 12.16 ng/ml



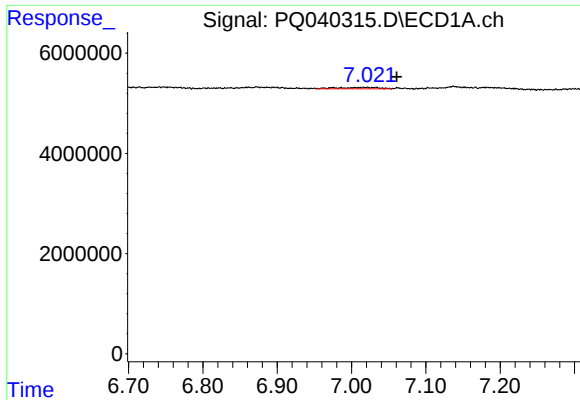
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.090 min
Response: 0
Conc: N.D.



#20 AR-1242-5

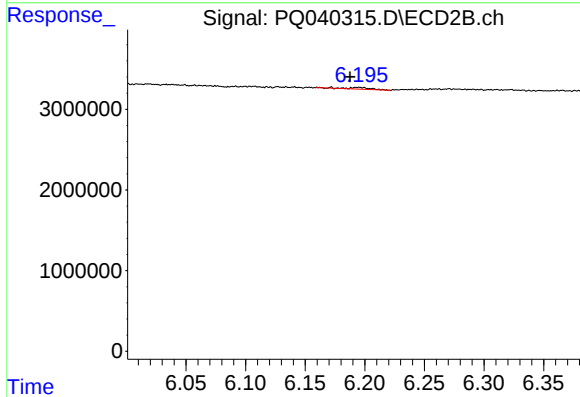
R.T.: 7.161 min
Delta R.T.: 0.022 min
Response: 1022244
Conc: 12.68 ng/ml



#21 AR-1248-1

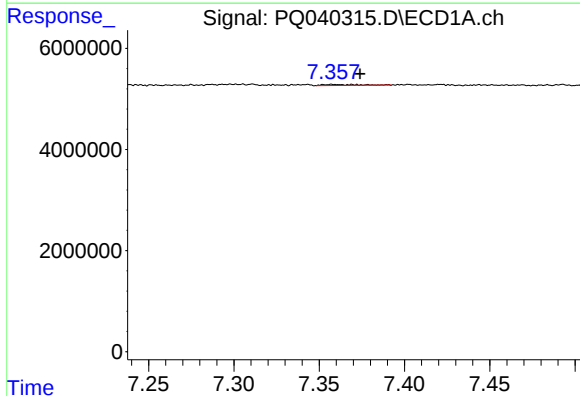
R.T.: 7.032 min
Delta R.T.: -0.029 min
Response: 1067542
Conc: 13.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



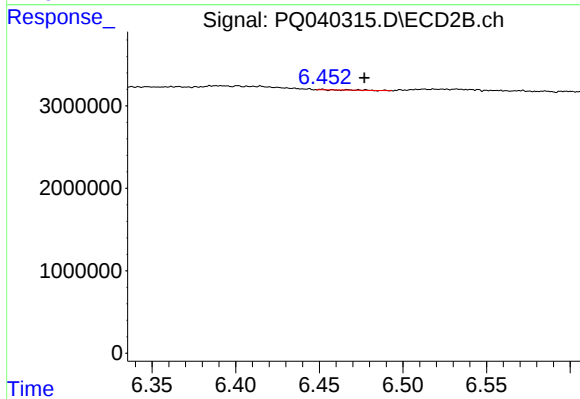
#21 AR-1248-1

R.T.: 6.195 min
Delta R.T.: 0.007 min
Response: 329607
Conc: 5.72 ng/ml



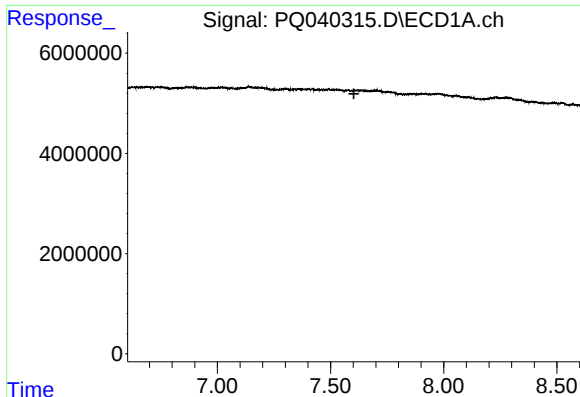
#22 AR-1248-2

R.T.: 7.358 min
Delta R.T.: -0.016 min
Response: 320921
Conc: 2.85 ng/ml



#22 AR-1248-2

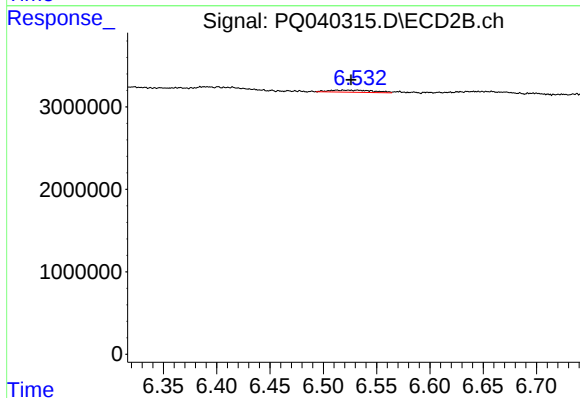
R.T.: 6.452 min
Delta R.T.: -0.025 min
Response: 49283
Conc: 0.56 ng/ml



#23 AR-1248-3

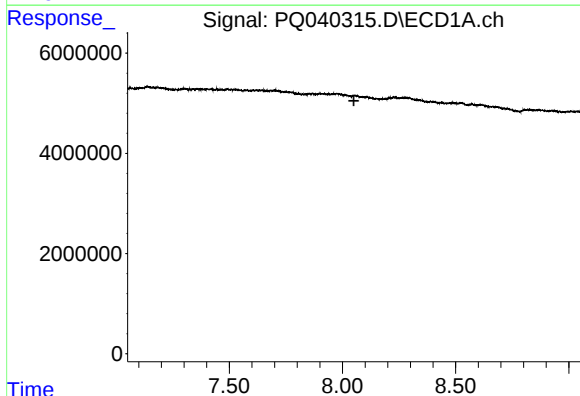
R.T.: 0.000 min
Exp R.T.: 7.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFHA9



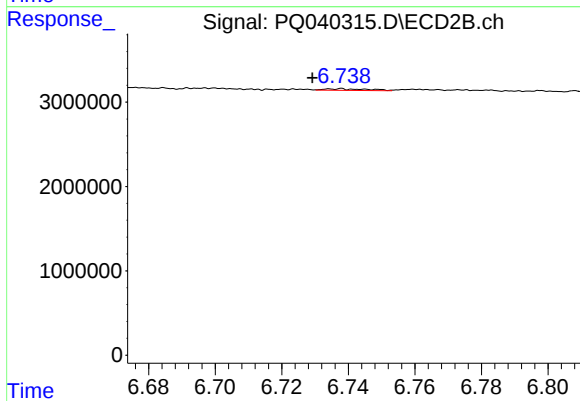
#23 AR-1248-3

R.T.: 6.513 min
Delta R.T.: -0.013 min
Response: 724841
Conc: 8.01 ng/ml



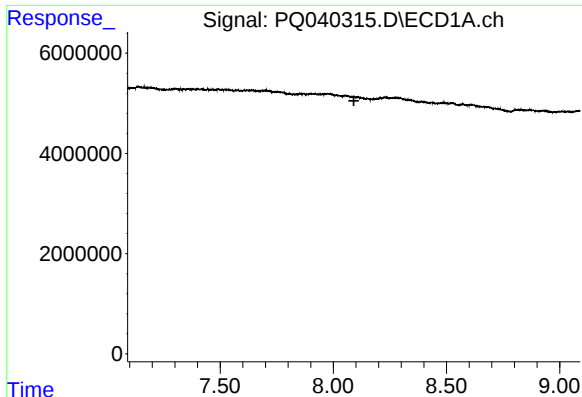
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 8.050 min
Response: 0
Conc: N.D.



#24 AR-1248-4

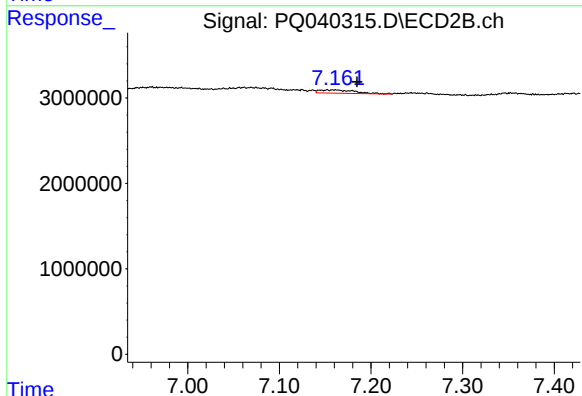
R.T.: 6.737 min
Delta R.T.: 0.008 min
Response: 168638
Conc: 1.53 ng/ml



#25 AR-1248-5

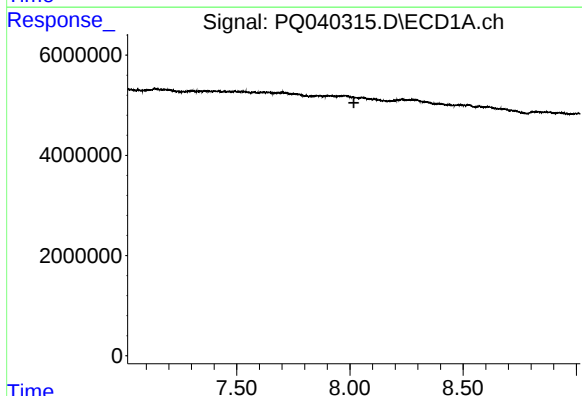
R.T.: 0.000 min
Exp R.T.: 8.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFHA9



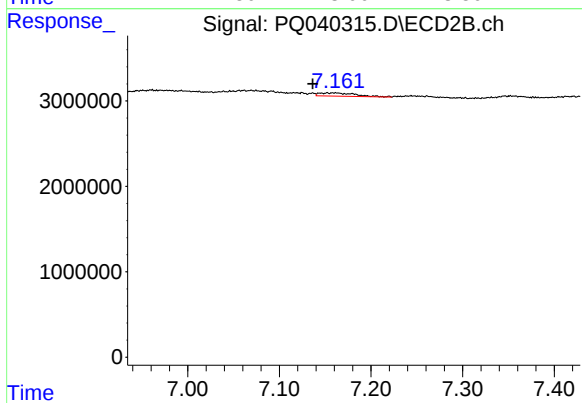
#25 AR-1248-5

R.T.: 7.161 min
Delta R.T.: -0.024 min
Response: 1022244
Conc: 9.00 ng/ml



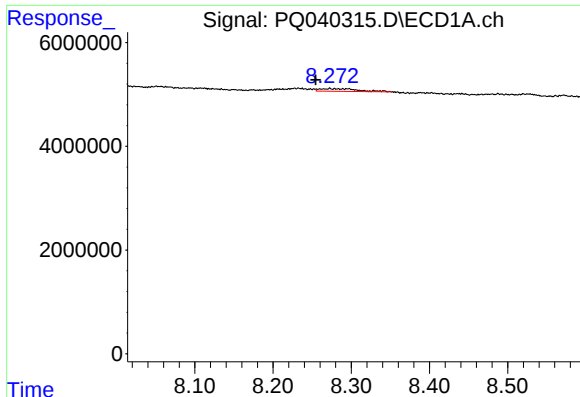
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 8.017 min
Response: 0
Conc: N.D.



#26 AR-1254-1

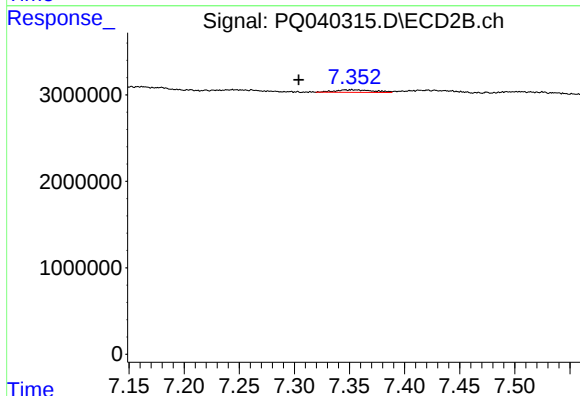
R.T.: 7.161 min
Delta R.T.: 0.024 min
Response: 1022244
Conc: 5.34 ng/ml



#27 AR-1254-2

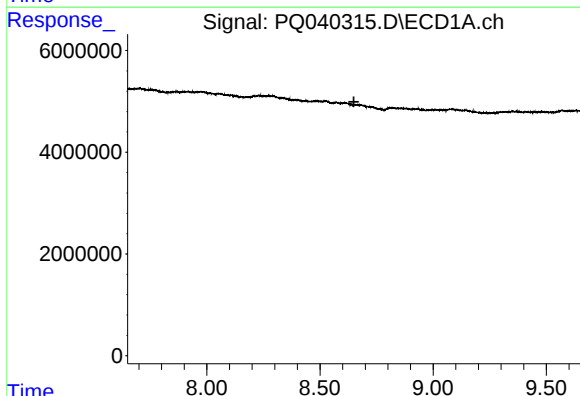
R.T.: 8.273 min
Delta R.T.: 0.018 min
Response: 1488745
Conc: 5.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



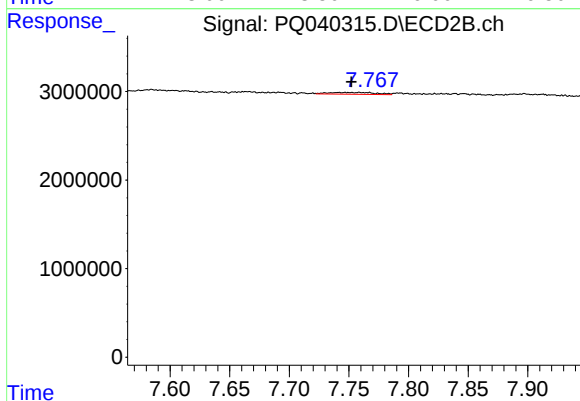
#27 AR-1254-2

R.T.: 7.353 min
Delta R.T.: 0.049 min
Response: 703933
Conc: 4.05 ng/ml



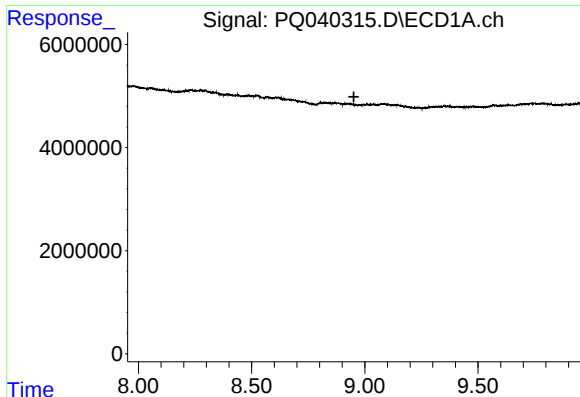
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.650 min
Response: 0
Conc: N.D.



#28 AR-1254-3

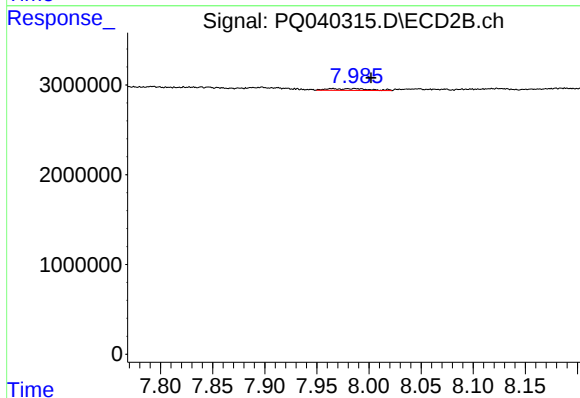
R.T.: 7.759 min
Delta R.T.: 0.007 min
Response: 582812
Conc: 2.02 ng/ml



#29 AR-1254-4

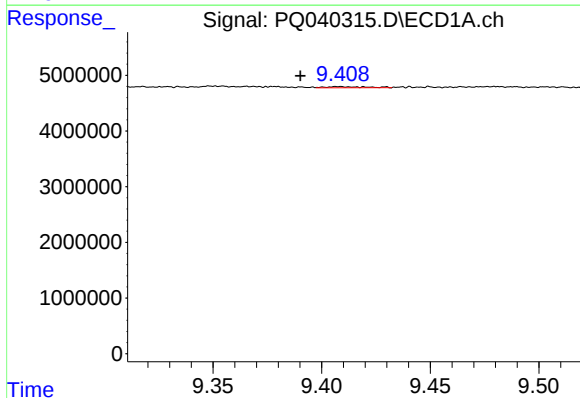
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFHA9



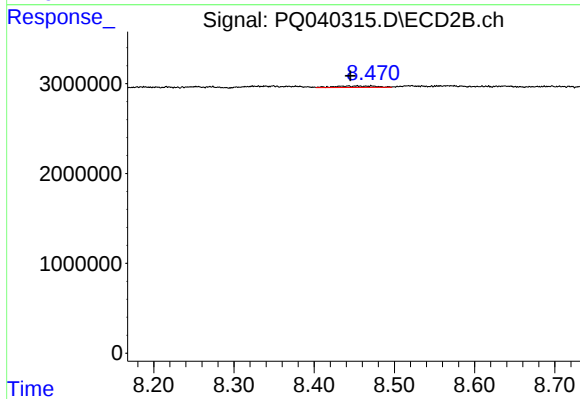
#29 AR-1254-4

R.T.: 7.986 min
Delta R.T.: -0.016 min
Response: 525370
Conc: 2.94 ng/ml



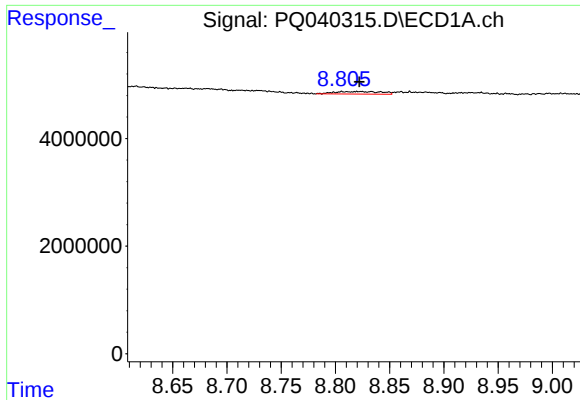
#30 AR-1254-5

R.T.: 9.408 min
Delta R.T.: 0.018 min
Response: 268722
Conc: 0.93 ng/ml



#30 AR-1254-5

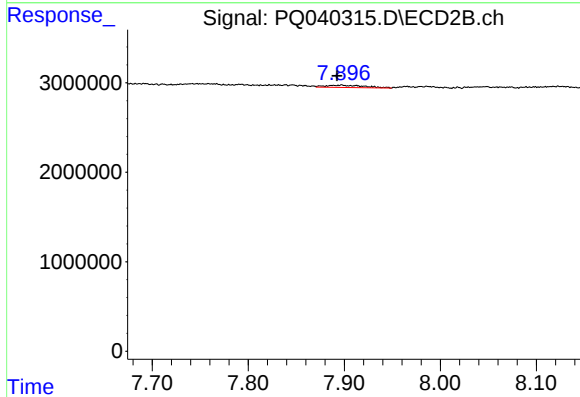
R.T.: 8.472 min
Delta R.T.: 0.026 min
Response: 545408
Conc: 2.12 ng/ml



#31 AR-1260-1

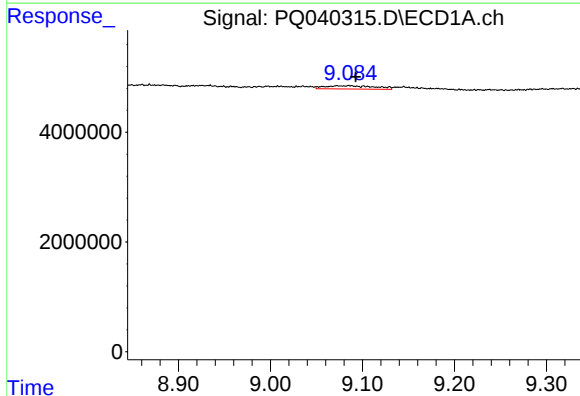
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 1422550
Conc: 4.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



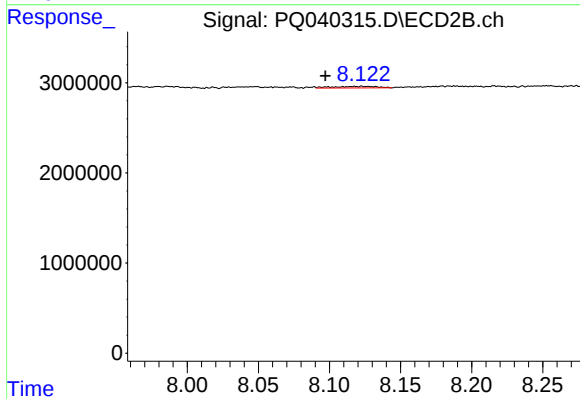
#31 AR-1260-1

R.T.: 7.897 min
Delta R.T.: 0.005 min
Response: 704857
Conc: 2.57 ng/ml



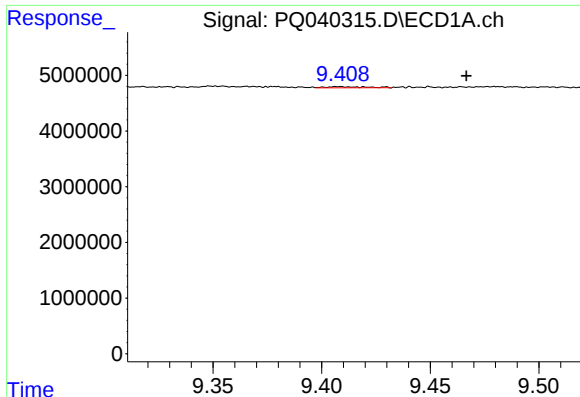
#32 AR-1260-2

R.T.: 9.085 min
Delta R.T.: -0.007 min
Response: 2213014
Conc: 5.48 ng/ml



#32 AR-1260-2

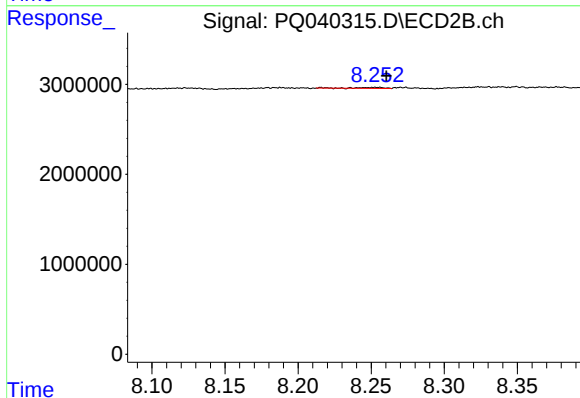
R.T.: 8.123 min
Delta R.T.: 0.026 min
Response: 384446
Conc: 1.11 ng/ml



#33 AR-1260-3

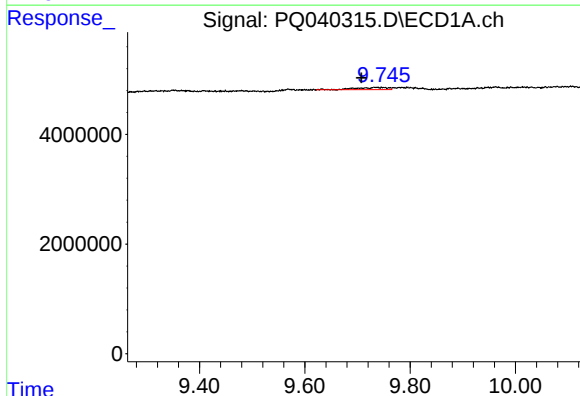
R.T.: 9.408 min
Delta R.T.: -0.058 min
Response: 268722
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



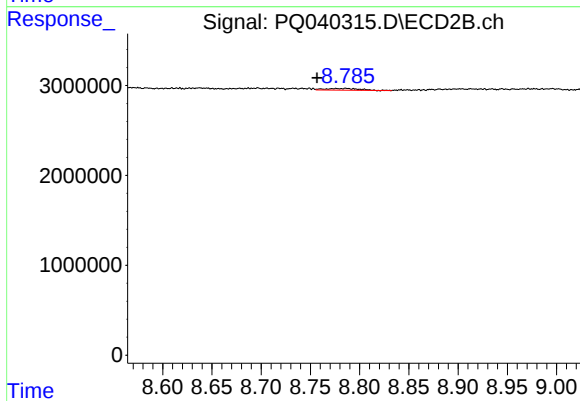
#33 AR-1260-3

R.T.: 8.253 min
Delta R.T.: -0.008 min
Response: 133579
Conc: 0.42 ng/ml



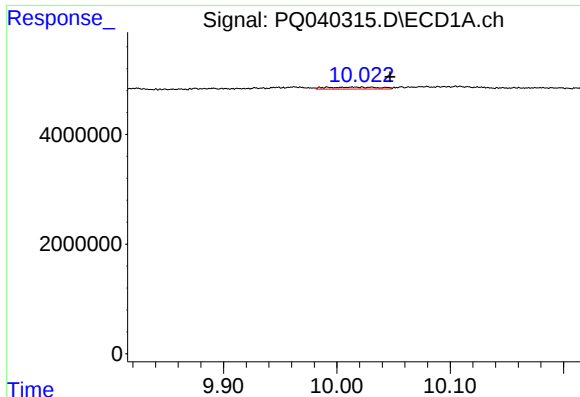
#34 AR-1260-4

R.T.: 9.735 min
Delta R.T.: 0.028 min
Response: 1611315
Conc: 4.37 ng/ml



#34 AR-1260-4

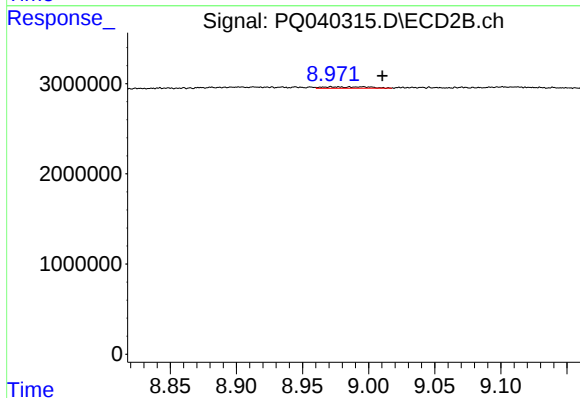
R.T.: 8.786 min
Delta R.T.: 0.029 min
Response: 460945
Conc: 1.70 ng/ml



#35 AR-1260-5

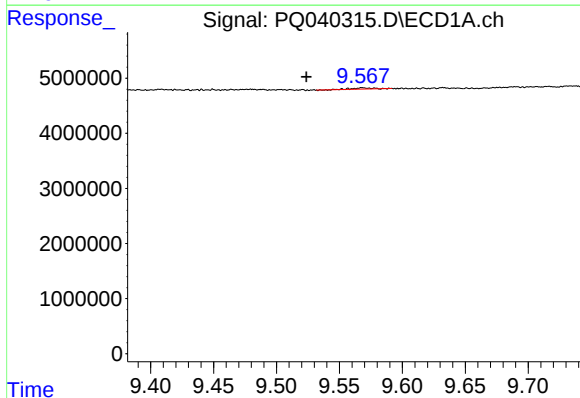
R.T.: 9.992 min
Delta R.T.: -0.055 min
Response: 1129594
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



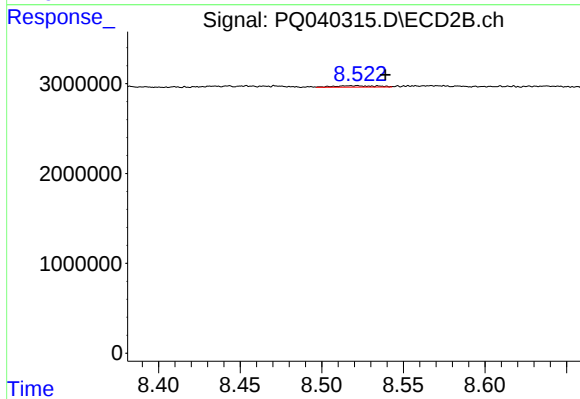
#35 AR-1260-5

R.T.: 8.995 min
Delta R.T.: -0.015 min
Response: 404791
Conc: 0.60 ng/ml



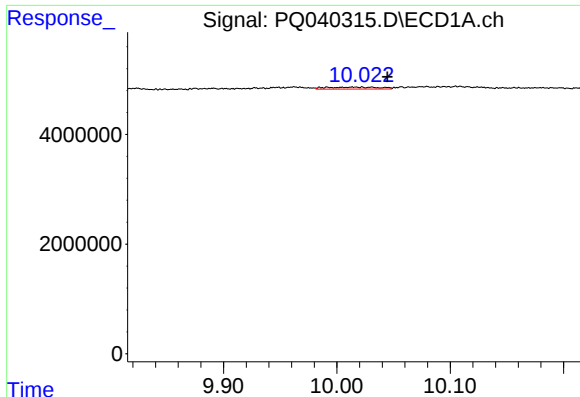
#36 AR-1262-1

R.T.: 9.569 min
Delta R.T.: 0.045 min
Response: 11136
Conc: 0.08 ng/ml



#36 AR-1262-1

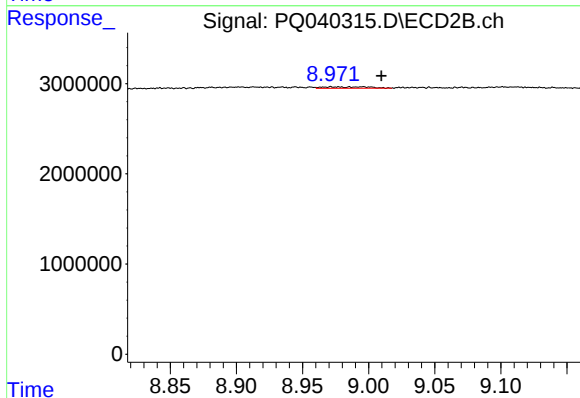
R.T.: 8.519 min
Delta R.T.: -0.020 min
Response: 270639
Conc: 2.38 ng/ml



#37 AR-1262-2

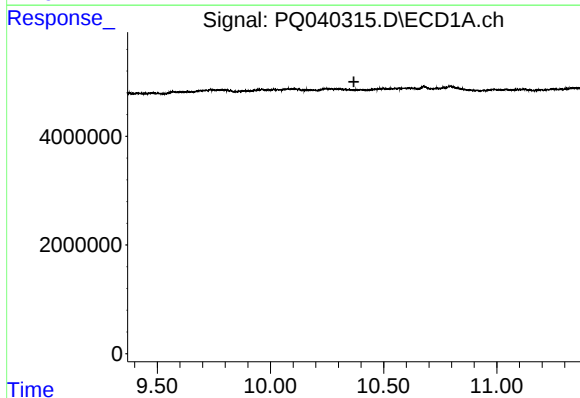
R.T.: 9.992 min
Delta R.T.: -0.053 min
Response: 1129594
Conc: 1.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



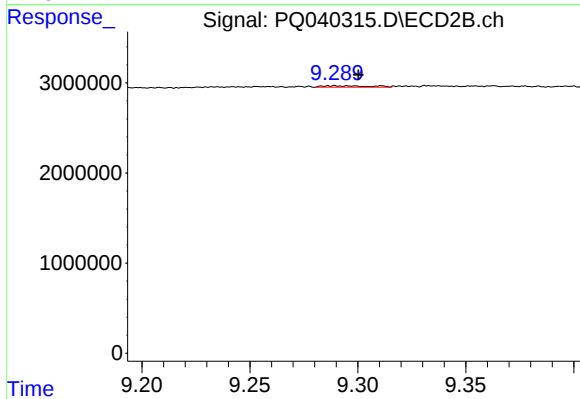
#37 AR-1262-2

R.T.: 8.995 min
Delta R.T.: -0.014 min
Response: 404791
Conc: 0.82 ng/ml



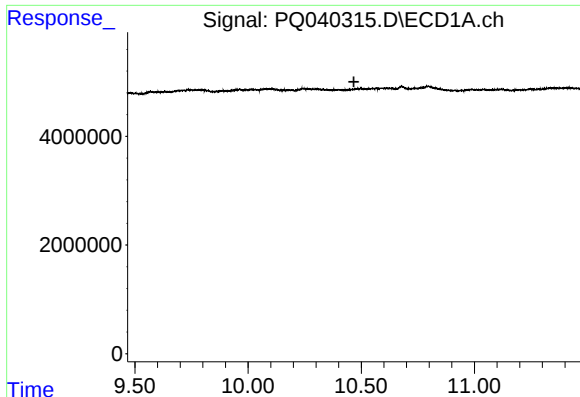
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

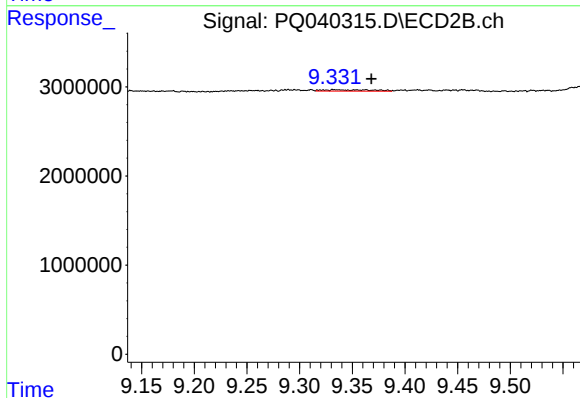
R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 228746
Conc: 1.09 ng/ml



#39 AR-1262-4

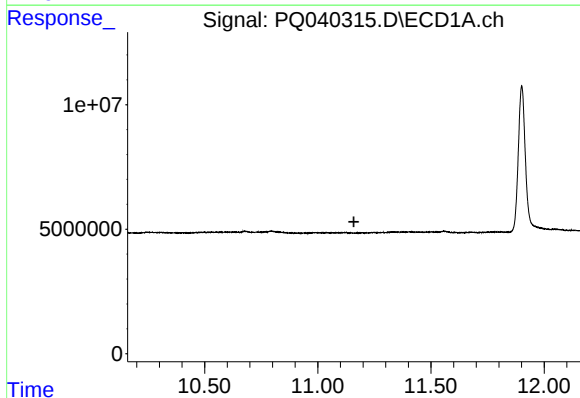
R.T.: 10.498 min
Delta R.T.: 0.031 min
Response: -14900
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFHA9



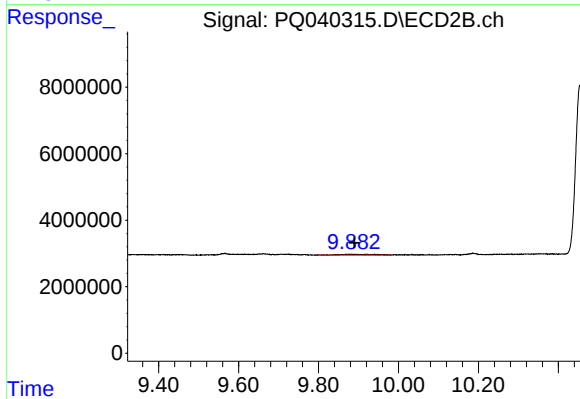
#39 AR-1262-4

R.T.: 9.335 min
Delta R.T.: -0.033 min
Response: 510869
Conc: 1.35 ng/ml



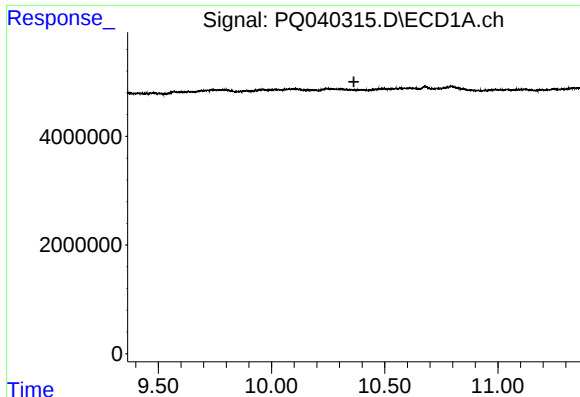
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

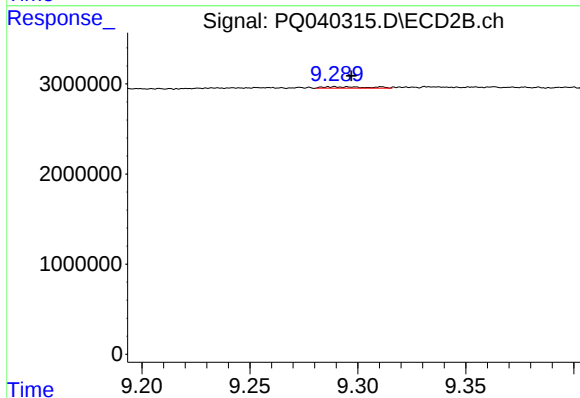
R.T.: 9.882 min
Delta R.T.: -0.008 min
Response: 1690736
Conc: 10.43 ng/ml



#41 AR-1268-1

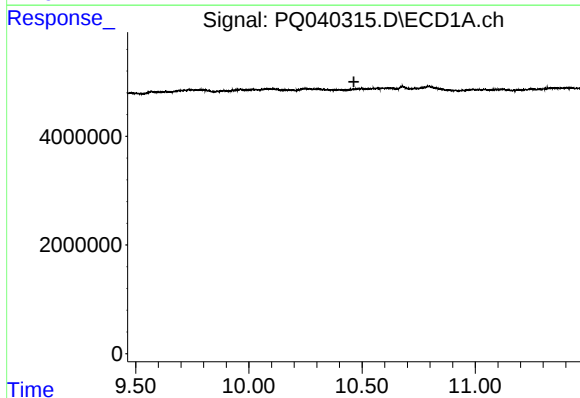
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFHA9



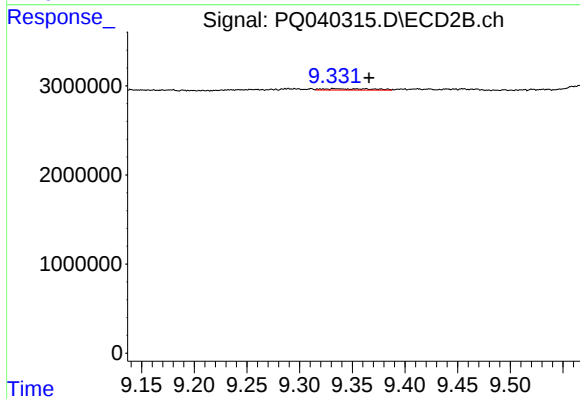
#41 AR-1268-1

R.T.: 9.289 min
Delta R.T.: -0.008 min
Response: 228746
Conc: 0.50 ng/ml



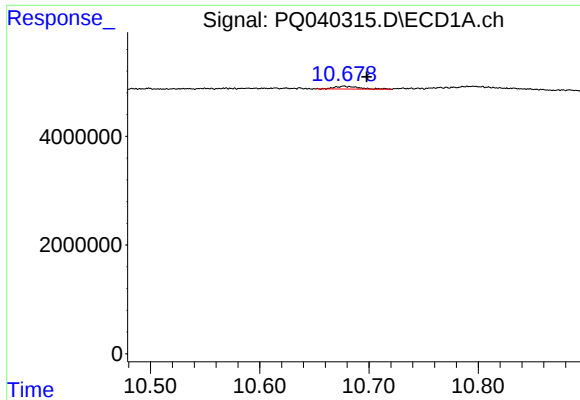
#42 AR-1268-2

R.T.: 10.498 min
Delta R.T.: 0.034 min
Response: -14900
Conc: N.D.



#42 AR-1268-2

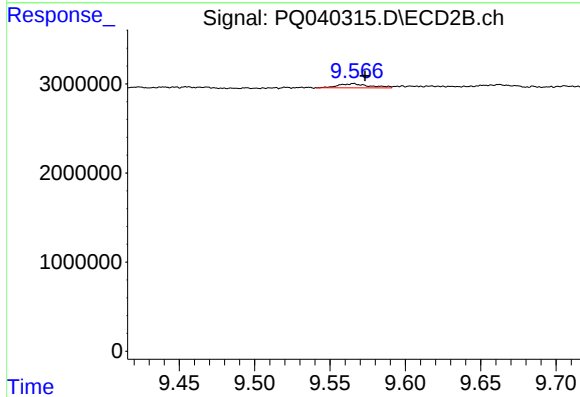
R.T.: 9.335 min
Delta R.T.: -0.031 min
Response: 510869
Conc: 1.17 ng/ml



#43 AR-1268-3

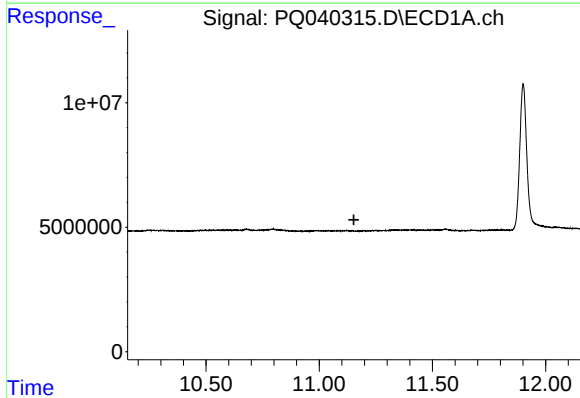
R.T.: 10.678 min
Delta R.T.: -0.020 min
Response: 758128
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



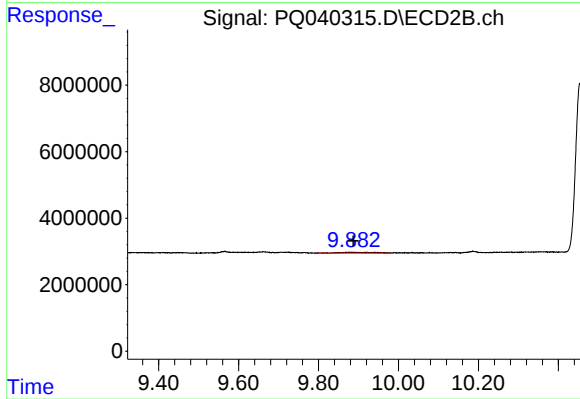
#43 AR-1268-3

R.T.: 9.565 min
Delta R.T.: -0.008 min
Response: 685493
Conc: 1.83 ng/ml



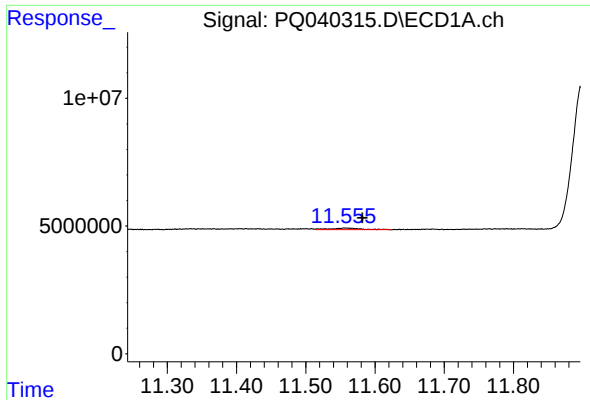
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

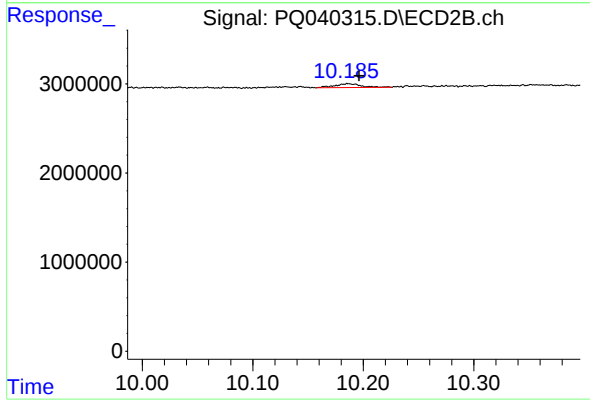
R.T.: 9.882 min
Delta R.T.: -0.005 min
Response: 1690736
Conc: 12.27 ng/ml



#45 AR-1268-5

R.T.: 11.558 min
Delta R.T.: -0.024 min
Response: 1832750
Conc: 0.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHA9



#45 AR-1268-5

R.T.: 10.186 min
Delta R.T.: -0.010 min
Response: 712599
Conc: 0.60 ng/ml