

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053019\
 Data File : PQ040447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 05:05
 Operator : SM\AJ
 Sample : K3100-10
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMX9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 06:53:48 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...	5.587	4.729	54523843	41395275	16.644	19.274
2)	SA Decachlor...	11.880	10.441	178.9E6	105.0E6	25.043	25.249
Target Compounds							
3)	L1 AR-1016-1	7.038	6.159	5731310	858456	34.259	6.692 #
4)	L1 AR-1016-2	7.091	6.256	3704930	1308492	14.092	6.779 #
5)	L1 AR-1016-3	7.166	6.425	2490143	2094313	14.590	19.419 #
6)	L1 AR-1016-4	7.279	6.461	4156390	846024	30.070	9.936 #
7)	L1 AR-1016-5	7.625	6.740	-513475	1964012	N.D.	17.058 #
8)	L2 AR-1221-1	0.000	4.994	0	806940	N.D.	32.927 #
9)	L2 AR-1221-2	6.015	5.144	970206	1000474	44.036	61.425 #
10)	L2 AR-1221-3	0.000	5.247	0	819273	N.D.	13.473 #
11)	L3 AR-1232-1	0.000	5.247	0	819273	N.D.	17.879 #
12)	L3 AR-1232-2	6.676	6.256	4655595	1308492	117.424	21.813 #
13)	L3 AR-1232-3	7.091	6.425	3704930	2094313	45.846	59.552 #
14)	L3 AR-1232-4	7.279	6.533	4156390	3383805	99.439	114.518
15)	L3 AR-1232-5	7.400	6.740	1367473	1964012	43.148	65.240 #
16)	L4 AR-1242-1	7.038	6.159	5731310	858456	59.113	11.609 #
17)	L4 AR-1242-2	7.091	6.159	3704930	858456	25.636	8.064 #
18)	L4 AR-1242-3	7.166	6.425	2490143	2094313	26.750	34.717 #
19)	L4 AR-1242-4	7.279	6.533	4156390	3383805	55.263	56.775
20)	L4 AR-1242-5	8.093	7.131	7576278	10250436	87.391	127.195 #
21)	L5 AR-1248-1	7.038	6.159	5731310	858456	74.046	14.898 #
22)	L5 AR-1248-2	7.400	6.461	1367473	846024	12.141	9.623
23)	L5 AR-1248-3	7.625	6.533	-513475	3383805	N.D.	37.397 #
24)	L5 AR-1248-4	8.022	6.740	84269644	1964012	558.189	17.785 #
25)	L5 AR-1248-5	8.093	7.173	7576278	2278717	50.321	20.071 #
26)	L6 AR-1254-1	8.022	7.131	84269644	10250436	483.213	53.517 #
27)	L6 AR-1254-2	8.241	7.287	12865903	1466746	46.522	8.443 #
28)	L6 AR-1254-3	8.626	7.733	9749323	6037681	32.850	20.893 #
29)	L6 AR-1254-4	8.899	8.007	16799999	11486920	80.836	64.335
30)	L6 AR-1254-5	9.361	8.462	1667875	1392695	5.791	5.406
31)	L7 AR-1260-1	8.787	7.886	10683761	10612003	32.140	38.710
32)	L7 AR-1260-2	9.112	8.082	4155446	5147067	10.287	14.880 #
33)	L7 AR-1260-3	9.489	8.247	2389293	1059564	7.243	3.304 #
34)	L7 AR-1260-4	0.000	8.776	0	380793	N.D.	1.401 #
35)	L7 AR-1260-5	10.011	8.990	1404980	3270180	1.824	4.865 #
36)	L8 AR-1262-1	9.489	8.534	2389293	2513647	17.187	22.138 #
37)	L8 AR-1262-2	10.011	8.990	1404980	3270180	2.428	6.591 #
38)	L8 AR-1262-3	10.332	9.280	1473224	1775250	3.484	8.443 #
39)	L8 AR-1262-4	0.000	9.388	0	2840741	N.D.	7.503 #
40)	L8 AR-1262-5	0.000	9.866	0	1138230	N.D.	7.020 #
41)	L9 AR-1268-1	10.332	9.280	1473224	1775250	2.446	3.890 #
42)	L9 AR-1268-2	0.000	9.388	0	2840741	N.D.	6.498 #

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 Acq On : 31 May 2019 05:05
 Operator : SM\AJ
 Sample : K3100-10
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

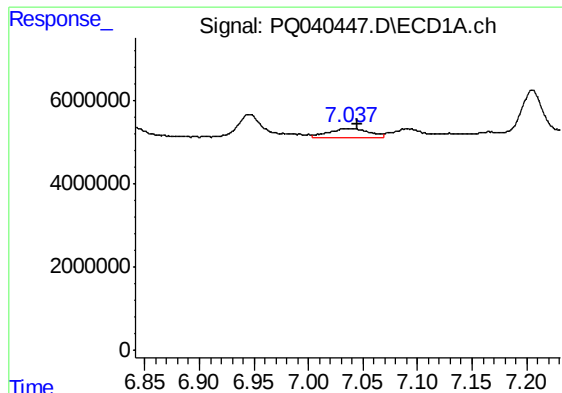
Instrument :
 ECD_Q
 ClientSampleId :
 ETMX9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 06:53:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
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 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
43) L9	AR-1268-3	10.664	9.553	1005017	1462846	1.850	3.897 #
44) L9	AR-1268-4	0.000	9.866	0	1138230	N.D.	8.261 #
45) L9	AR-1268-5	11.540	10.175	13295853	4864547	7.195	4.122 #

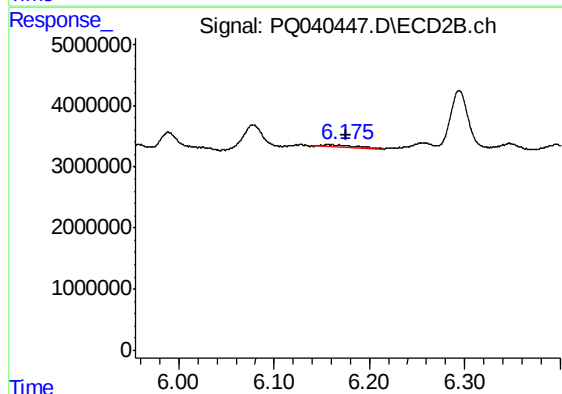
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

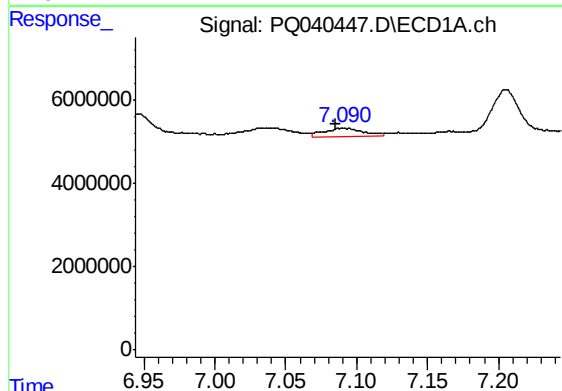
R.T.: 7.038 min
Delta R.T.: -0.007 min
Response: 5731310
Conc: 34.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



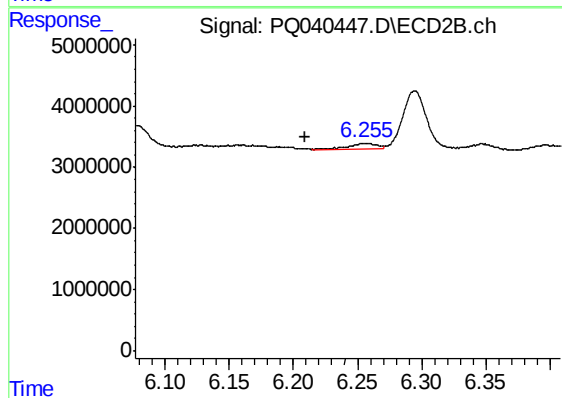
#3 AR-1016-1

R.T.: 6.159 min
Delta R.T.: -0.016 min
Response: 858456
Conc: 6.69 ng/ml



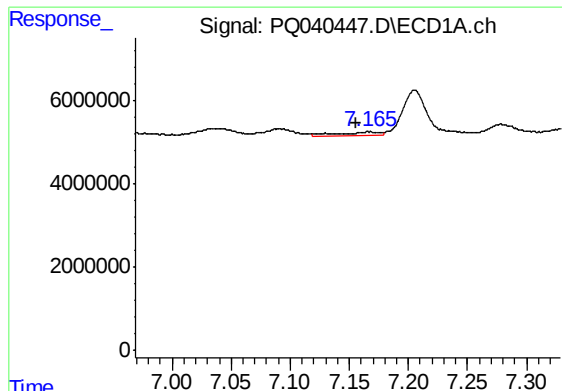
#4 AR-1016-2

R.T.: 7.091 min
Delta R.T.: 0.005 min
Response: 3704930
Conc: 14.09 ng/ml



#4 AR-1016-2

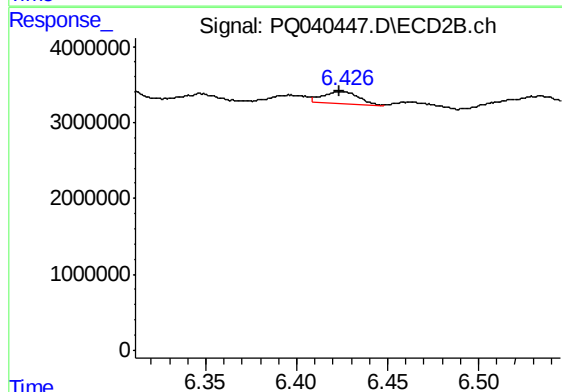
R.T.: 6.256 min
Delta R.T.: 0.047 min
Response: 1308492
Conc: 6.78 ng/ml



#5 AR-1016-3

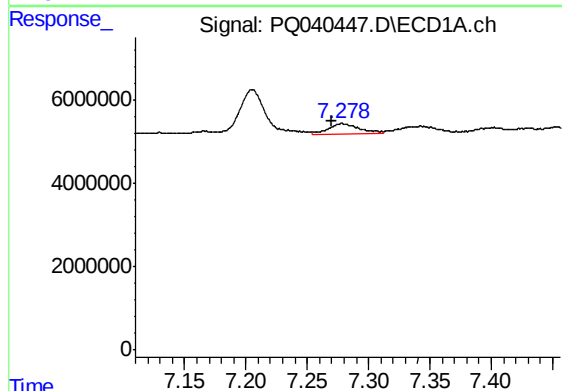
R.T.: 7.166 min
Delta R.T.: 0.010 min
Response: 2490143
Conc: 14.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



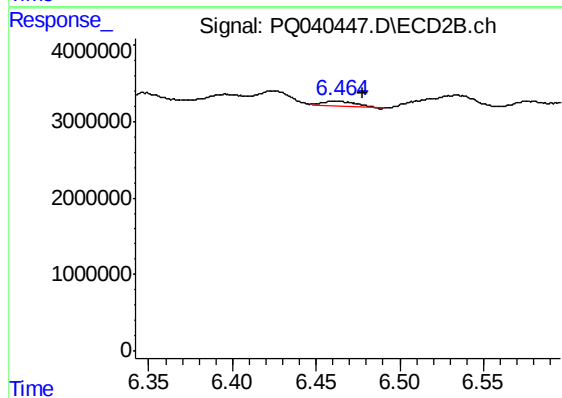
#5 AR-1016-3

R.T.: 6.425 min
Delta R.T.: 0.001 min
Response: 2094313
Conc: 19.42 ng/ml



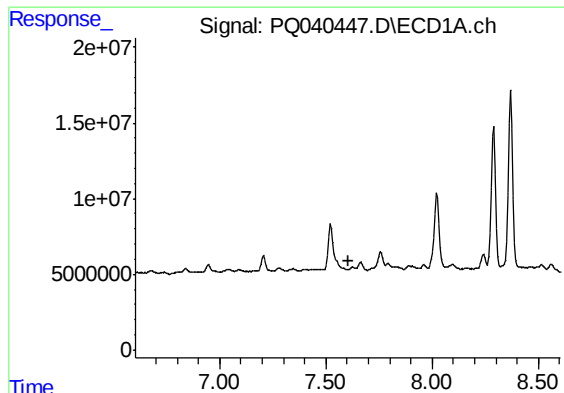
#6 AR-1016-4

R.T.: 7.279 min
Delta R.T.: 0.008 min
Response: 4156390
Conc: 30.07 ng/ml



#6 AR-1016-4

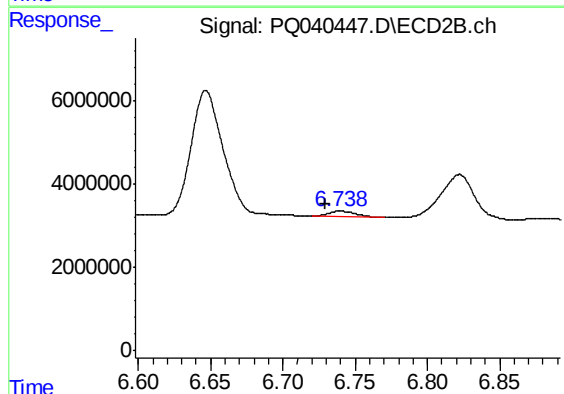
R.T.: 6.461 min
Delta R.T.: -0.016 min
Response: 846024
Conc: 9.94 ng/ml



#7 AR-1016-5

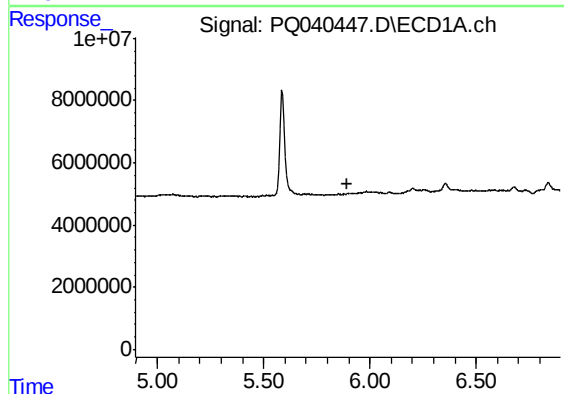
R.T.: 7.625 min
Delta R.T.: 0.022 min
Response: -513475
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMX9



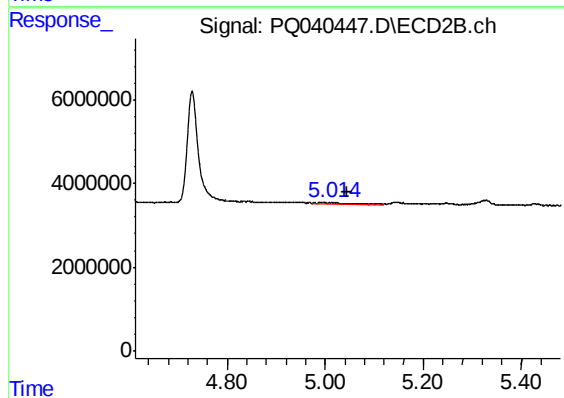
#7 AR-1016-5

R.T.: 6.740 min
Delta R.T.: 0.011 min
Response: 1964012
Conc: 17.06 ng/ml



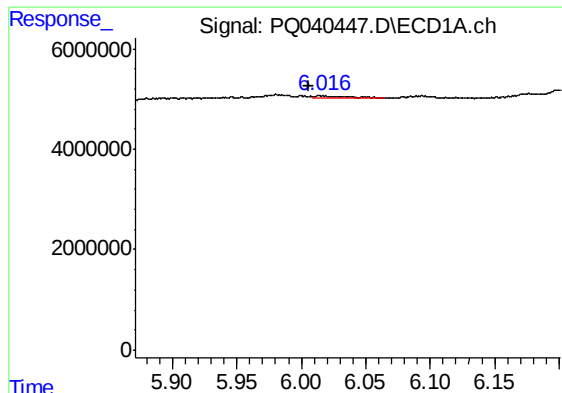
#8 AR-1221-1

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



#8 AR-1221-1

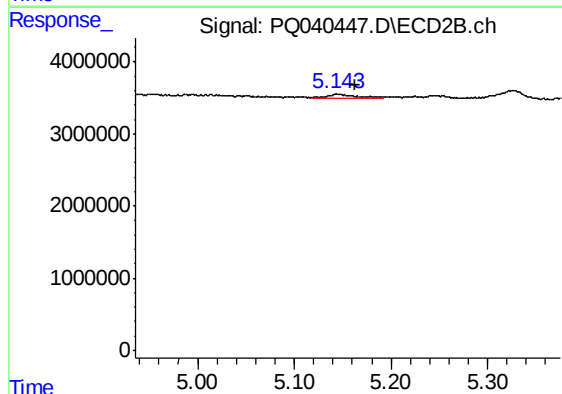
R.T.: 4.994 min
Delta R.T.: -0.053 min
Response: 806940
Conc: 32.93 ng/ml



#9 AR-1221-2

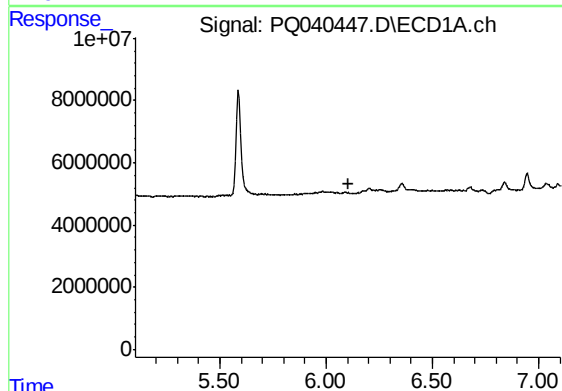
R.T.: 6.015 min
Delta R.T.: 0.009 min
Response: 970206
Conc: 44.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



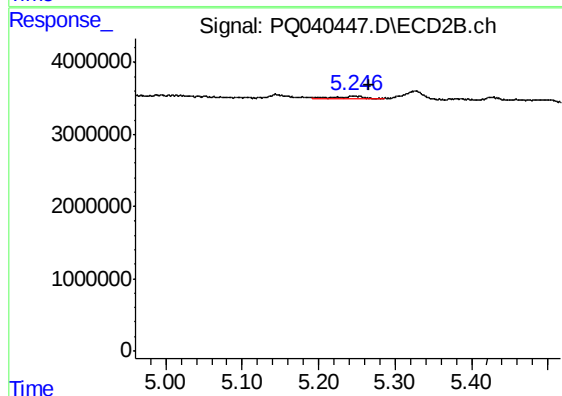
#9 AR-1221-2

R.T.: 5.144 min
Delta R.T.: -0.019 min
Response: 1000474
Conc: 61.43 ng/ml



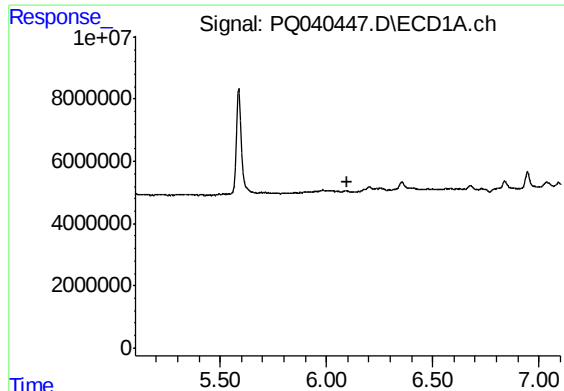
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

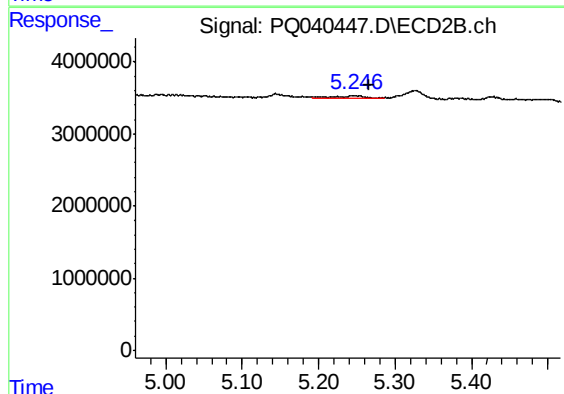
R.T.: 5.247 min
Delta R.T.: -0.019 min
Response: 819273
Conc: 13.47 ng/ml



#11 AR-1232-1

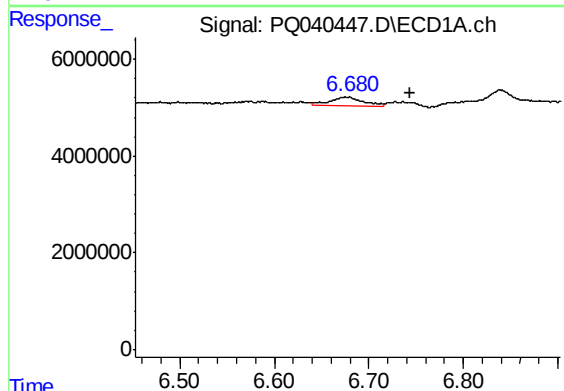
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMX9



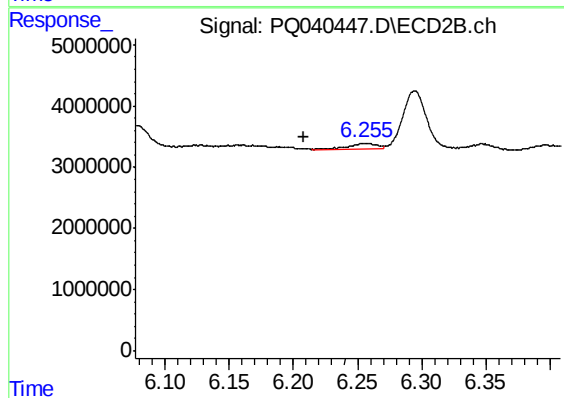
#11 AR-1232-1

R.T.: 5.247 min
Delta R.T.: -0.018 min
Response: 819273
Conc: 17.88 ng/ml



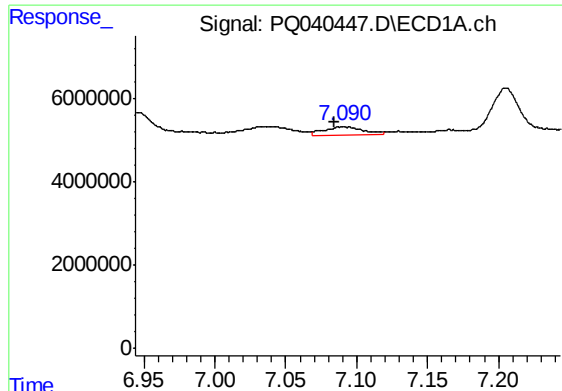
#12 AR-1232-2

R.T.: 6.676 min
Delta R.T.: -0.067 min
Response: 4655595
Conc: 117.42 ng/ml



#12 AR-1232-2

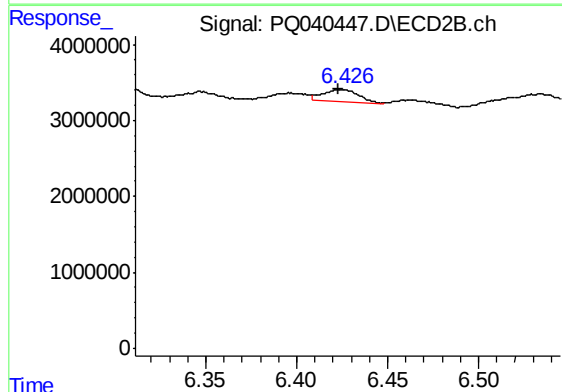
R.T.: 6.256 min
Delta R.T.: 0.048 min
Response: 1308492
Conc: 21.81 ng/ml



#13 AR-1232-3

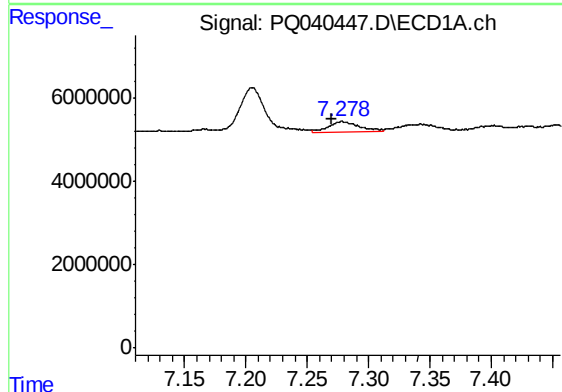
R.T.: 7.091 min
Delta R.T.: 0.006 min
Response: 3704930
Conc: 45.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



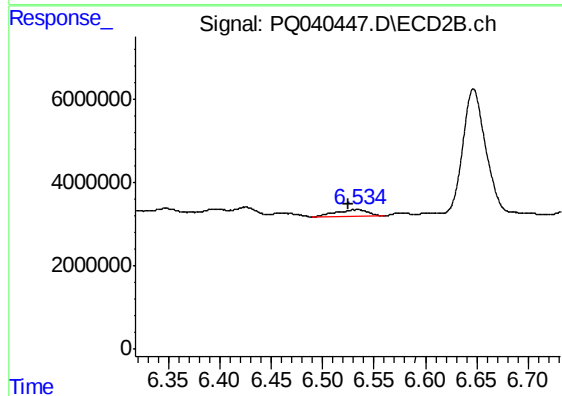
#13 AR-1232-3

R.T.: 6.425 min
Delta R.T.: 0.002 min
Response: 2094313
Conc: 59.55 ng/ml



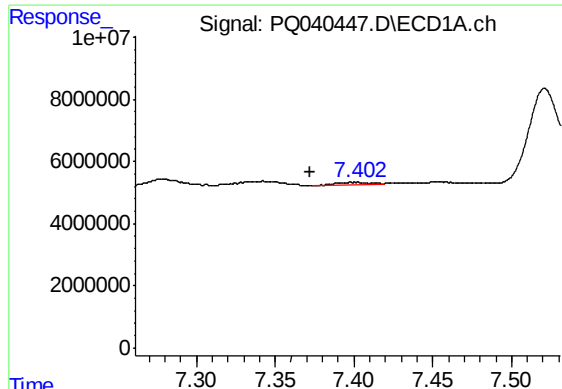
#14 AR-1232-4

R.T.: 7.279 min
Delta R.T.: 0.009 min
Response: 4156390
Conc: 99.44 ng/ml



#14 AR-1232-4

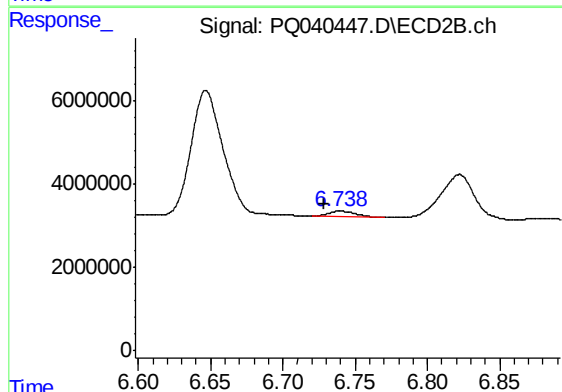
R.T.: 6.533 min
Delta R.T.: 0.008 min
Response: 3383805
Conc: 114.52 ng/ml



#15 AR-1232-5

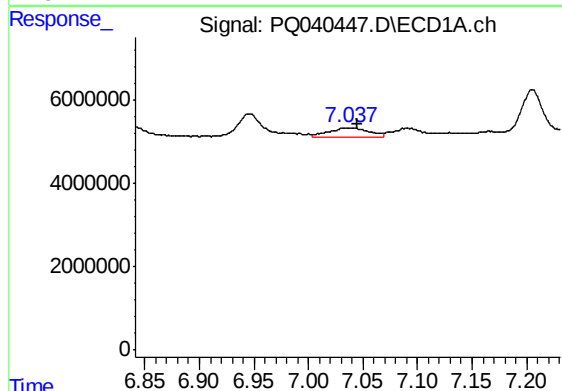
R.T.: 7.400 min
Delta R.T.: 0.028 min
Response: 1367473
Conc: 43.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



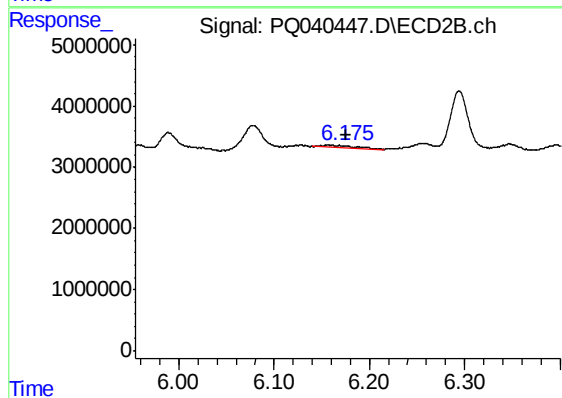
#15 AR-1232-5

R.T.: 6.740 min
Delta R.T.: 0.011 min
Response: 1964012
Conc: 65.24 ng/ml



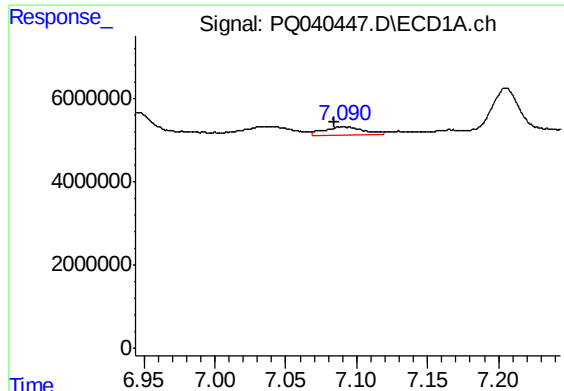
#16 AR-1242-1

R.T.: 7.038 min
Delta R.T.: -0.007 min
Response: 5731310
Conc: 59.11 ng/ml



#16 AR-1242-1

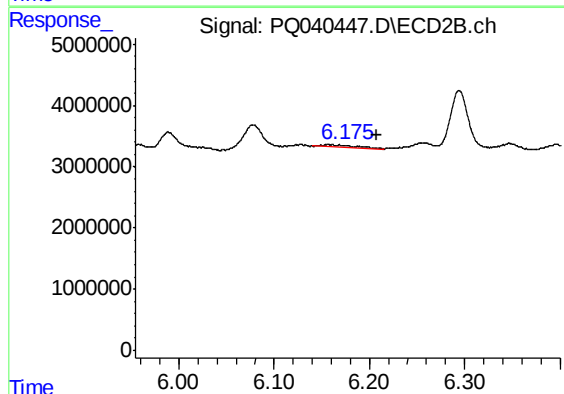
R.T.: 6.159 min
Delta R.T.: -0.016 min
Response: 858456
Conc: 11.61 ng/ml



#17 AR-1242-2

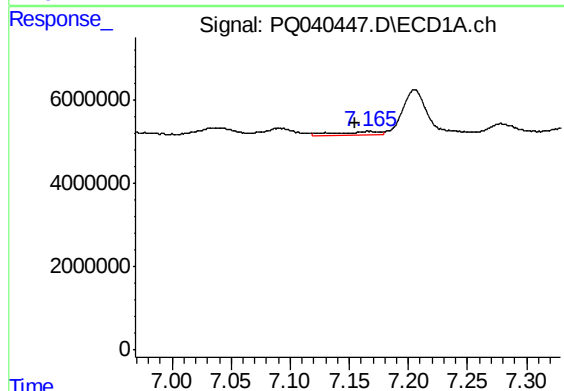
R.T.: 7.091 min
Delta R.T.: 0.006 min
Response: 3704930
Conc: 25.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



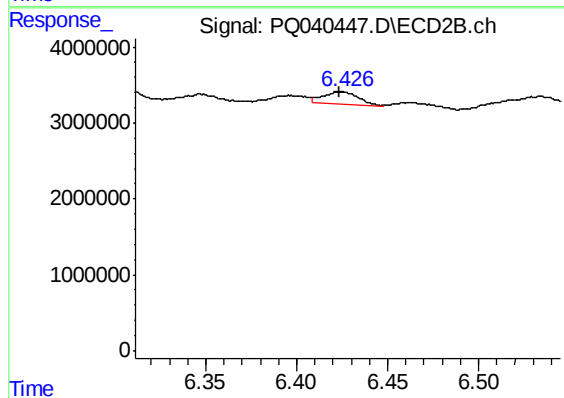
#17 AR-1242-2

R.T.: 6.159 min
Delta R.T.: -0.049 min
Response: 858456
Conc: 8.06 ng/ml



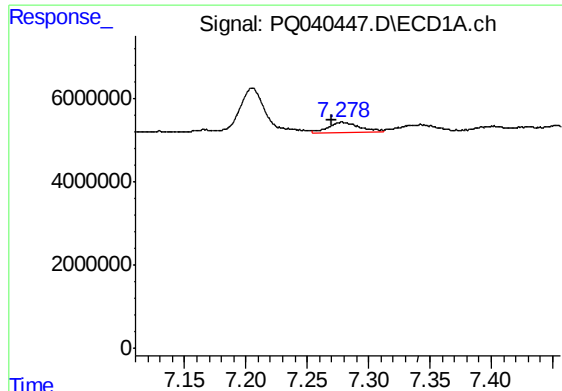
#18 AR-1242-3

R.T.: 7.166 min
Delta R.T.: 0.011 min
Response: 2490143
Conc: 26.75 ng/ml



#18 AR-1242-3

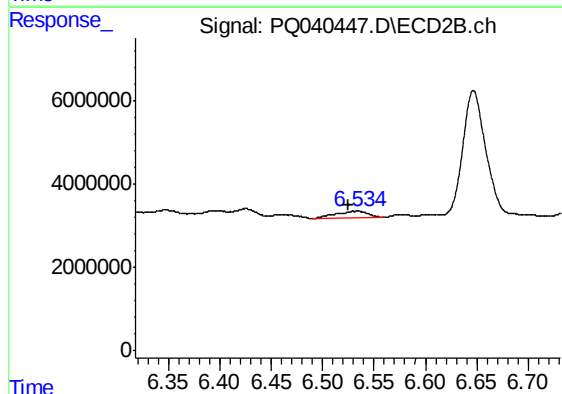
R.T.: 6.425 min
Delta R.T.: 0.001 min
Response: 2094313
Conc: 34.72 ng/ml



#19 AR-1242-4

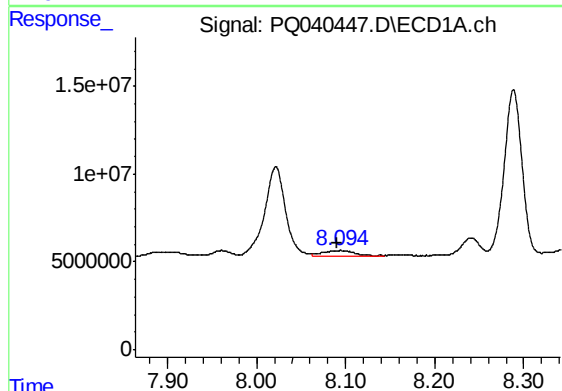
R.T.: 7.279 min
Delta R.T.: 0.009 min
Response: 4156390
Conc: 55.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



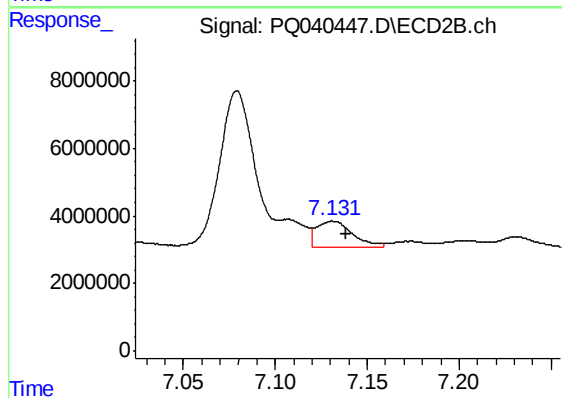
#19 AR-1242-4

R.T.: 6.533 min
Delta R.T.: 0.008 min
Response: 3383805
Conc: 56.77 ng/ml



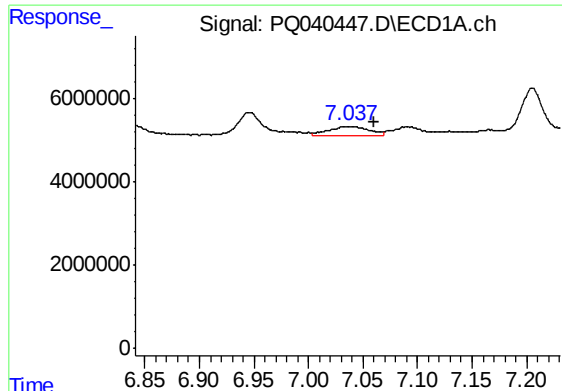
#20 AR-1242-5

R.T.: 8.093 min
Delta R.T.: 0.002 min
Response: 7576278
Conc: 87.39 ng/ml



#20 AR-1242-5

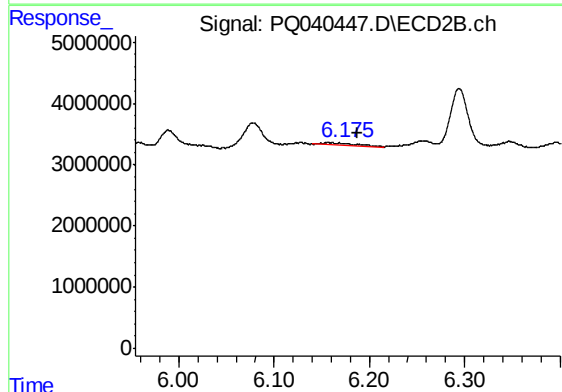
R.T.: 7.131 min
Delta R.T.: -0.007 min
Response: 10250436
Conc: 127.19 ng/ml



#21 AR-1248-1

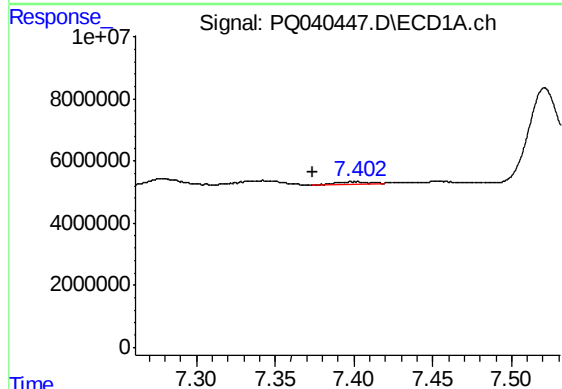
R.T.: 7.038 min
Delta R.T.: -0.023 min
Response: 5731310
Conc: 74.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



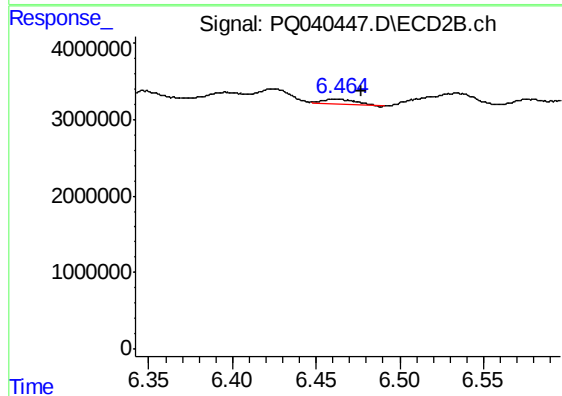
#21 AR-1248-1

R.T.: 6.159 min
Delta R.T.: -0.029 min
Response: 858456
Conc: 14.90 ng/ml



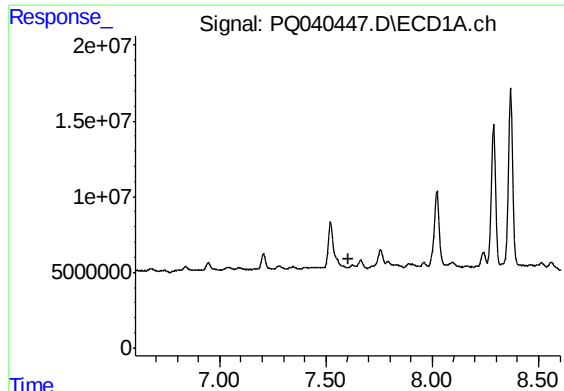
#22 AR-1248-2

R.T.: 7.400 min
Delta R.T.: 0.027 min
Response: 1367473
Conc: 12.14 ng/ml



#22 AR-1248-2

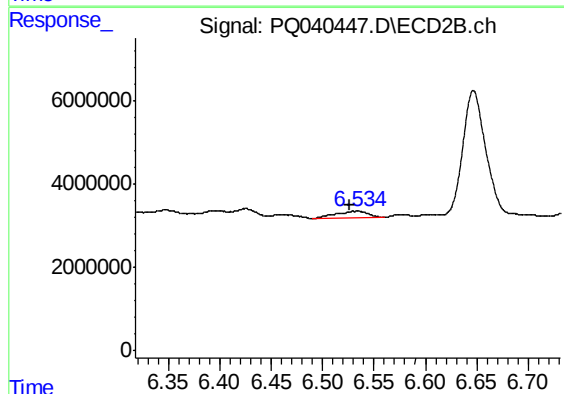
R.T.: 6.461 min
Delta R.T.: -0.015 min
Response: 846024
Conc: 9.62 ng/ml



#23 AR-1248-3

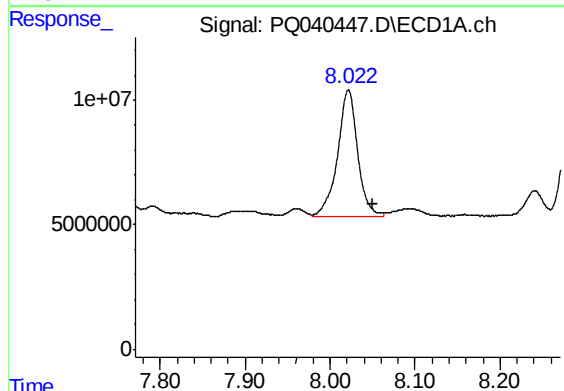
R.T.: 7.625 min
Delta R.T.: 0.022 min
Response: -513475
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMX9



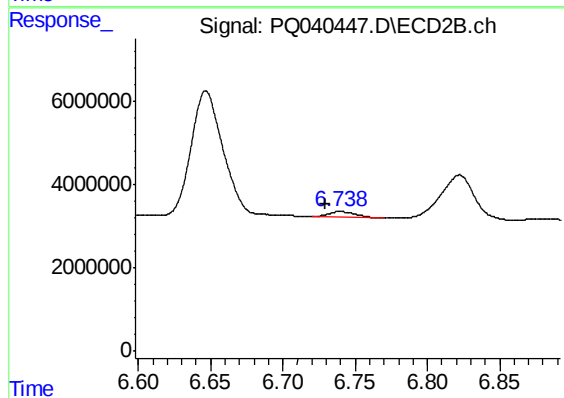
#23 AR-1248-3

R.T.: 6.533 min
Delta R.T.: 0.007 min
Response: 3383805
Conc: 37.40 ng/ml



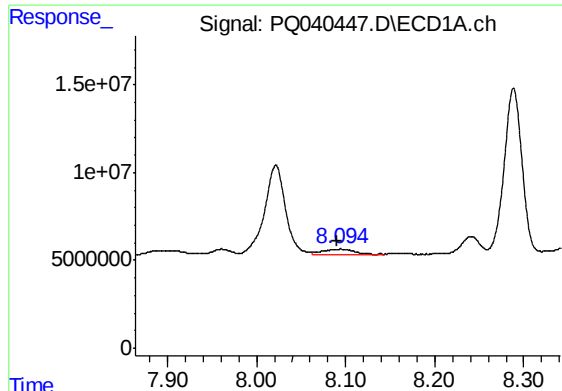
#24 AR-1248-4

R.T.: 8.022 min
Delta R.T.: -0.029 min
Response: 84269644
Conc: 558.19 ng/ml



#24 AR-1248-4

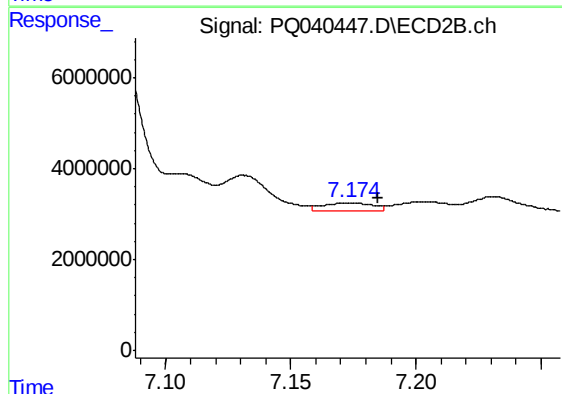
R.T.: 6.740 min
Delta R.T.: 0.011 min
Response: 1964012
Conc: 17.79 ng/ml



#25 AR-1248-5

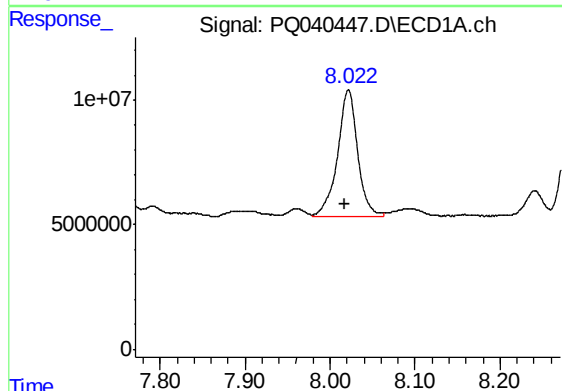
R.T.: 8.093 min
Delta R.T.: 0.002 min
Response: 7576278
Conc: 50.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



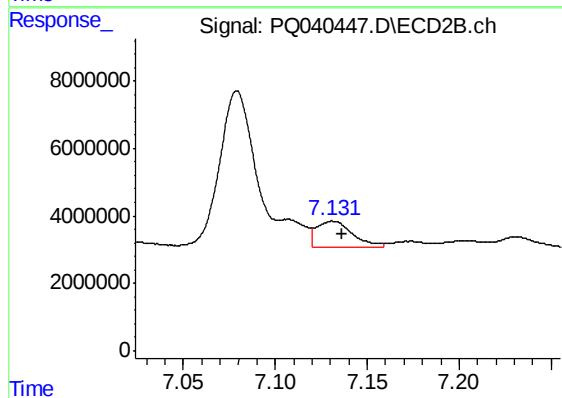
#25 AR-1248-5

R.T.: 7.173 min
Delta R.T.: -0.012 min
Response: 2278717
Conc: 20.07 ng/ml



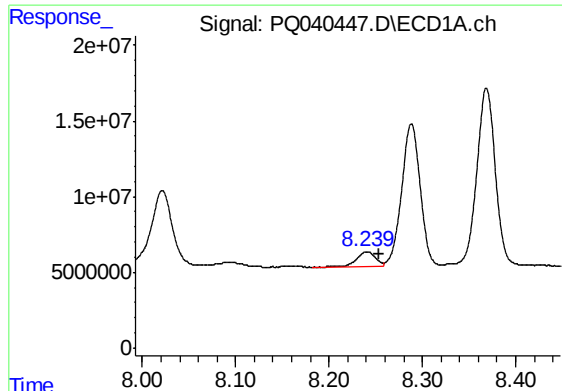
#26 AR-1254-1

R.T.: 8.022 min
Delta R.T.: 0.004 min
Response: 84269644
Conc: 483.21 ng/ml



#26 AR-1254-1

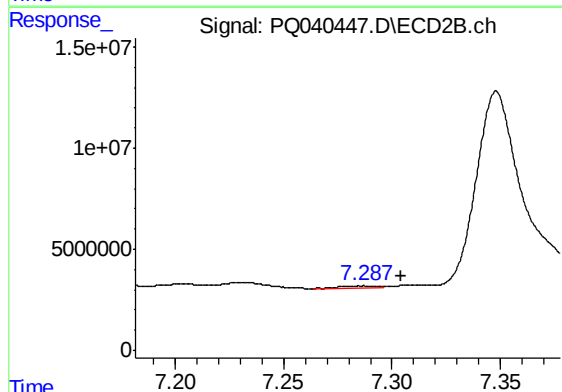
R.T.: 7.131 min
Delta R.T.: -0.005 min
Response: 10250436
Conc: 53.52 ng/ml



#27 AR-1254-2

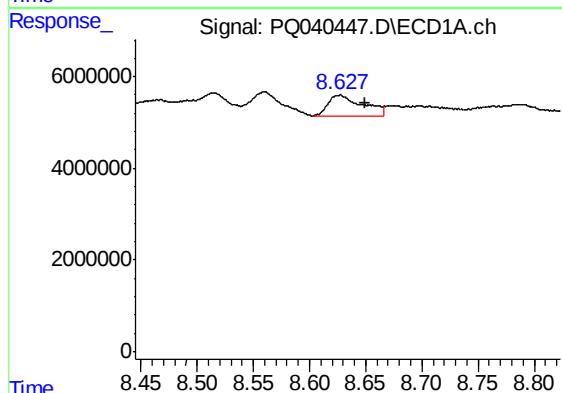
R.T.: 8.241 min
Delta R.T.: -0.014 min
Response: 12865903
Conc: 46.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



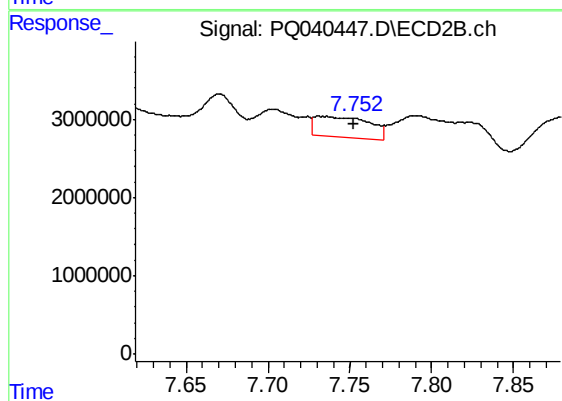
#27 AR-1254-2

R.T.: 7.287 min
Delta R.T.: -0.017 min
Response: 1466746
Conc: 8.44 ng/ml



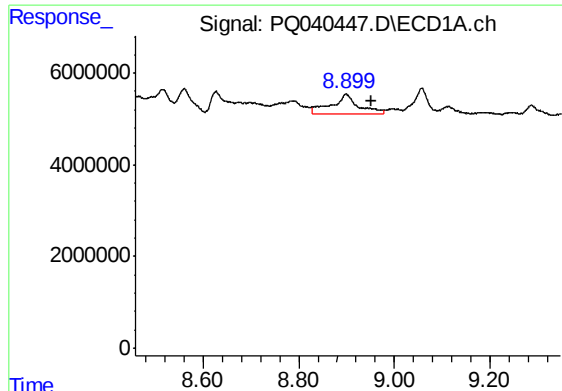
#28 AR-1254-3

R.T.: 8.626 min
Delta R.T.: -0.023 min
Response: 9749323
Conc: 32.85 ng/ml



#28 AR-1254-3

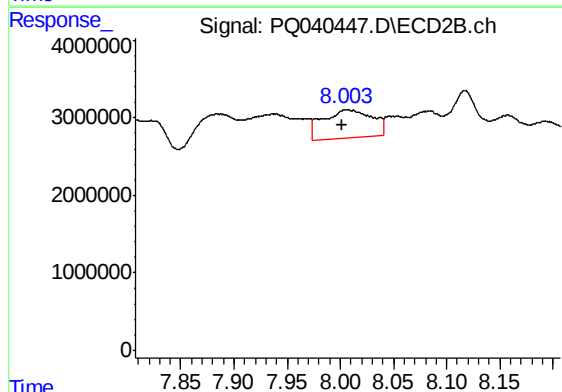
R.T.: 7.733 min
Delta R.T.: -0.019 min
Response: 6037681
Conc: 20.89 ng/ml



#29 AR-1254-4

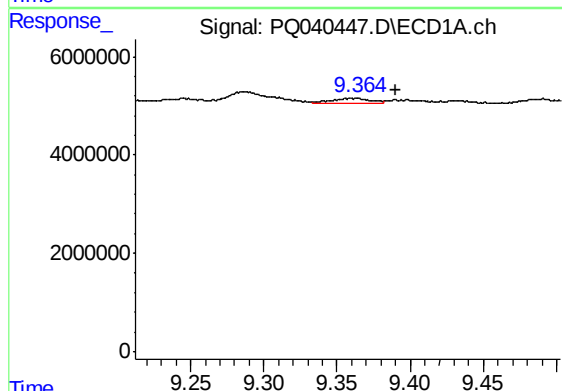
R.T.: 8.899 min
Delta R.T.: -0.053 min
Response: 16799999
Conc: 80.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



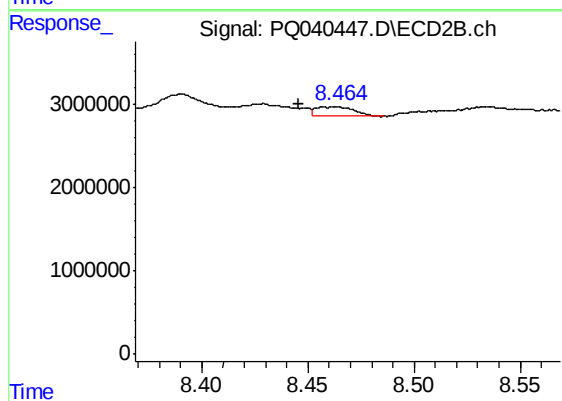
#29 AR-1254-4

R.T.: 8.007 min
Delta R.T.: 0.005 min
Response: 11486920
Conc: 64.34 ng/ml



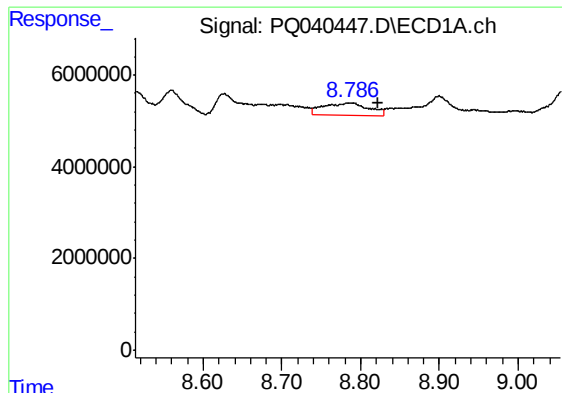
#30 AR-1254-5

R.T.: 9.361 min
Delta R.T.: -0.029 min
Response: 1667875
Conc: 5.79 ng/ml



#30 AR-1254-5

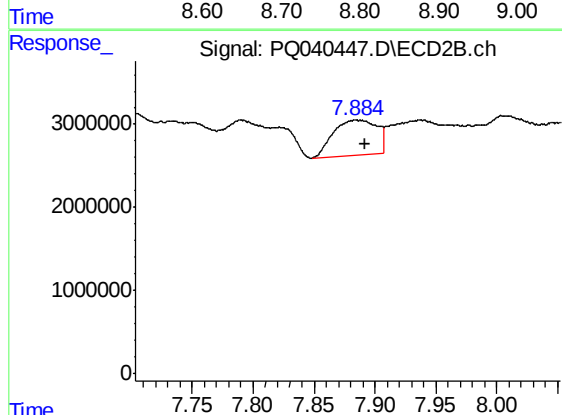
R.T.: 8.462 min
Delta R.T.: 0.016 min
Response: 1392695
Conc: 5.41 ng/ml



#31 AR-1260-1

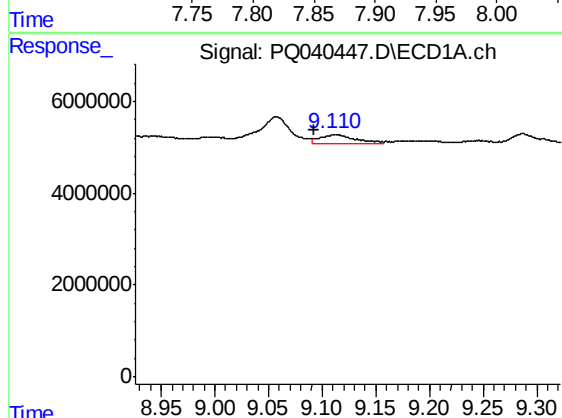
R.T.: 8.787 min
Delta R.T.: -0.035 min
Response: 10683761
Conc: 32.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



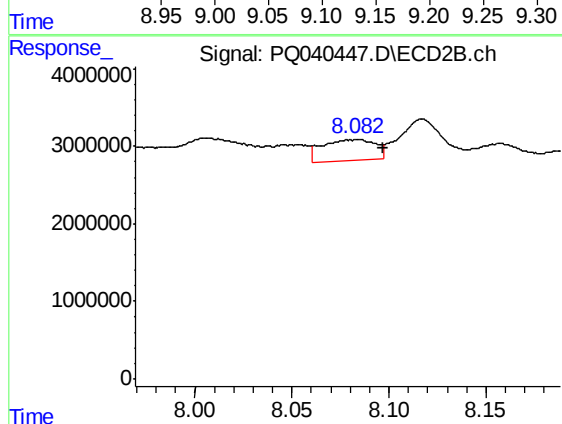
#31 AR-1260-1

R.T.: 7.886 min
Delta R.T.: -0.007 min
Response: 10612003
Conc: 38.71 ng/ml



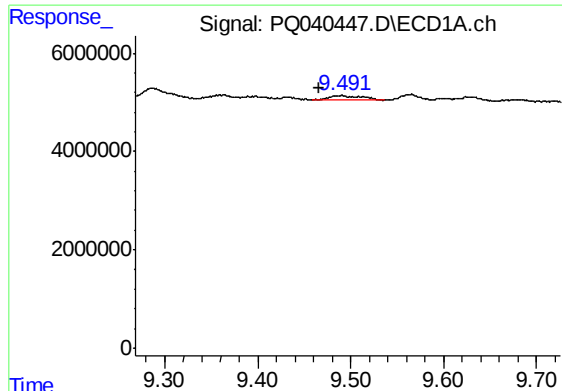
#32 AR-1260-2

R.T.: 9.112 min
Delta R.T.: 0.019 min
Response: 4155446
Conc: 10.29 ng/ml



#32 AR-1260-2

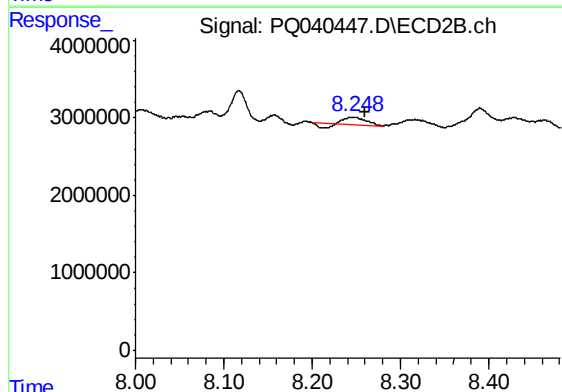
R.T.: 8.082 min
Delta R.T.: -0.015 min
Response: 5147067
Conc: 14.88 ng/ml



#33 AR-1260-3

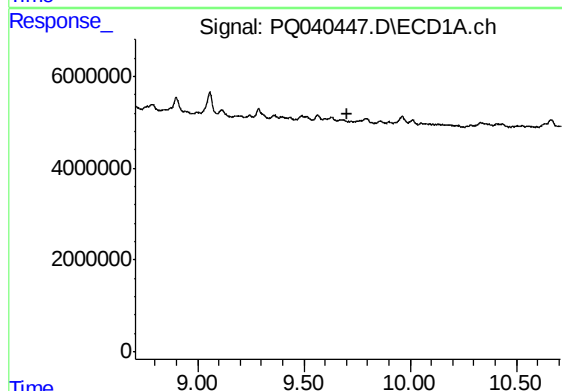
R.T.: 9.489 min
Delta R.T.: 0.023 min
Response: 2389293
Conc: 7.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



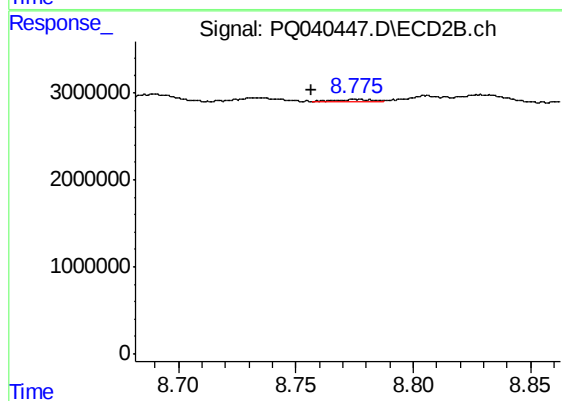
#33 AR-1260-3

R.T.: 8.247 min
Delta R.T.: -0.014 min
Response: 1059564
Conc: 3.30 ng/ml



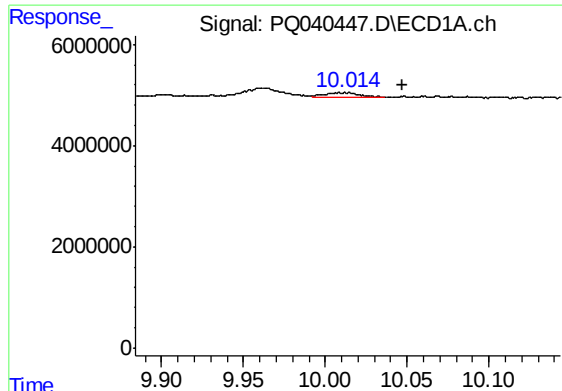
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

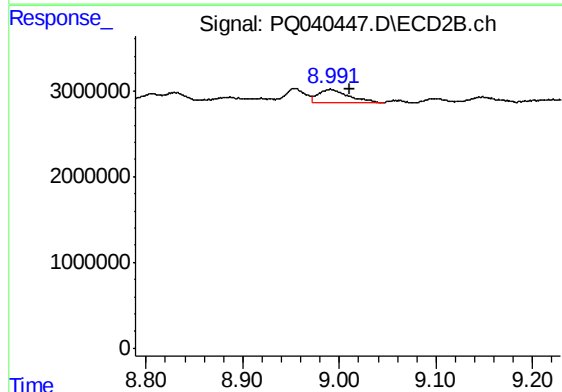
R.T.: 8.776 min
Delta R.T.: 0.020 min
Response: 380793
Conc: 1.40 ng/ml



#35 AR-1260-5

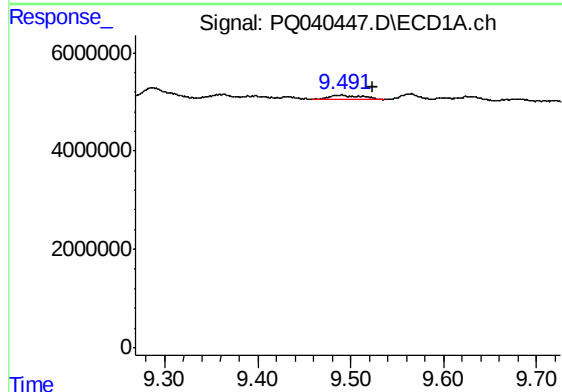
R.T.: 10.011 min
Delta R.T.: -0.036 min
Response: 1404980
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



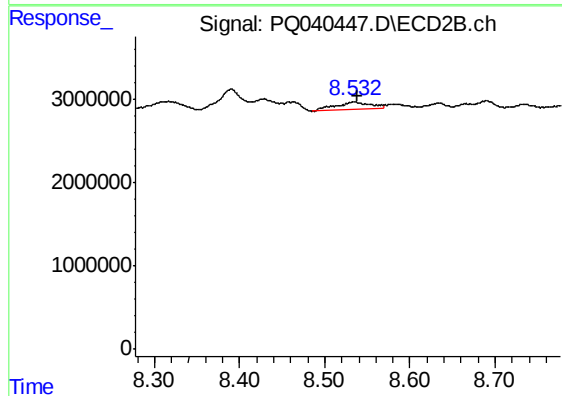
#35 AR-1260-5

R.T.: 8.990 min
Delta R.T.: -0.020 min
Response: 3270180
Conc: 4.87 ng/ml



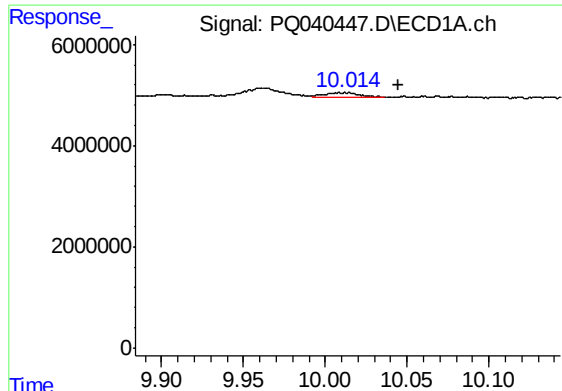
#36 AR-1262-1

R.T.: 9.489 min
Delta R.T.: -0.035 min
Response: 2389293
Conc: 17.19 ng/ml



#36 AR-1262-1

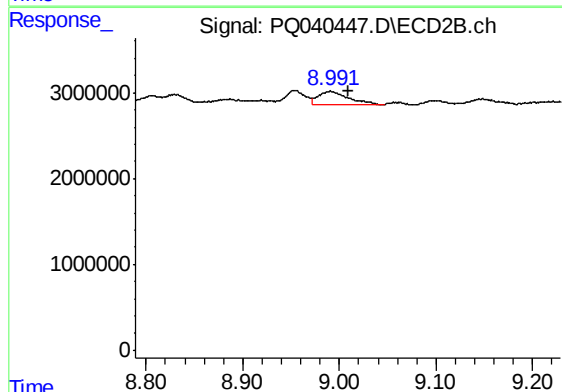
R.T.: 8.534 min
Delta R.T.: -0.005 min
Response: 2513647
Conc: 22.14 ng/ml



#37 AR-1262-2

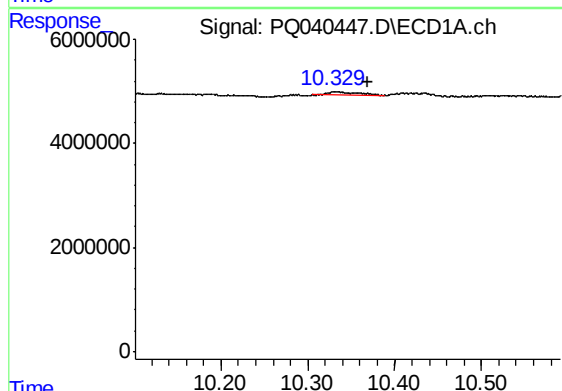
R.T.: 10.011 min
Delta R.T.: -0.033 min
Response: 1404980
Conc: 2.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



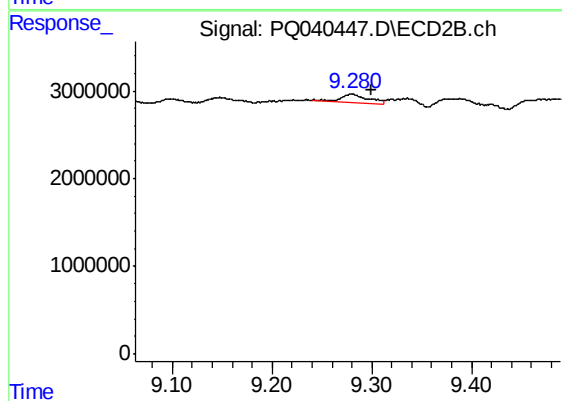
#37 AR-1262-2

R.T.: 8.990 min
Delta R.T.: -0.019 min
Response: 3270180
Conc: 6.59 ng/ml



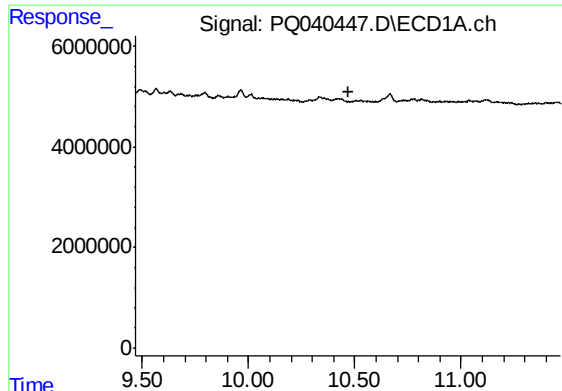
#38 AR-1262-3

R.T.: 10.332 min
Delta R.T.: -0.036 min
Response: 1473224
Conc: 3.48 ng/ml



#38 AR-1262-3

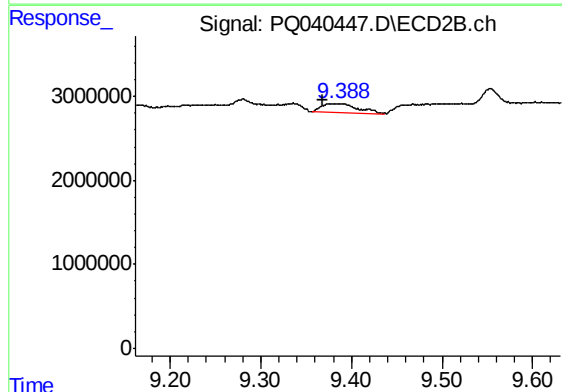
R.T.: 9.280 min
Delta R.T.: -0.021 min
Response: 1775250
Conc: 8.44 ng/ml



#39 AR-1262-4

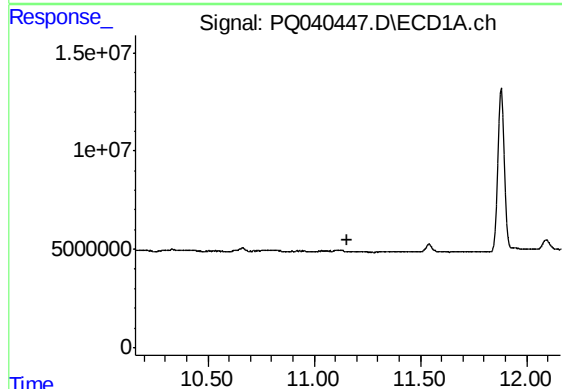
R.T.: 0.000 min
Exp R.T. : 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMX9



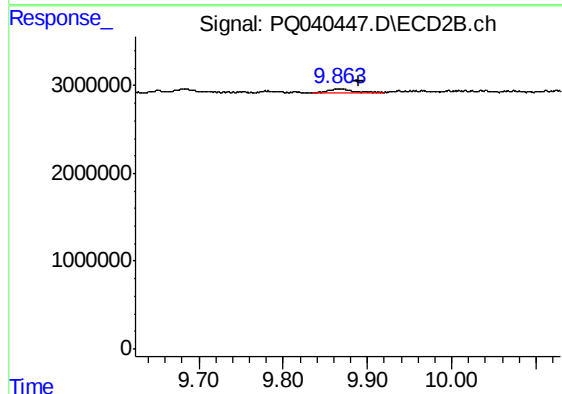
#39 AR-1262-4

R.T.: 9.388 min
Delta R.T.: 0.020 min
Response: 2840741
Conc: 7.50 ng/ml



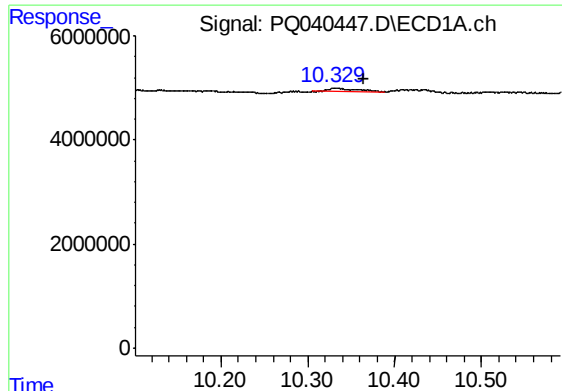
#40 AR-1262-5

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



#40 AR-1262-5

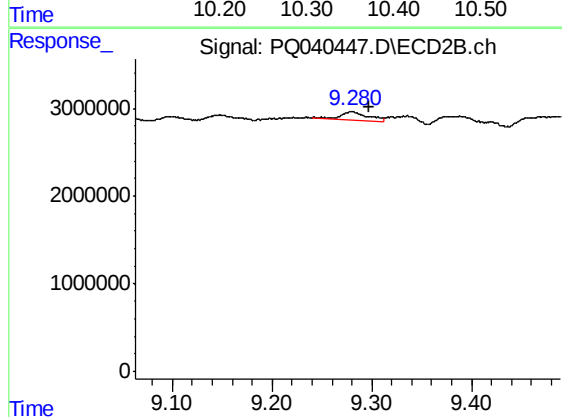
R.T.: 9.866 min
Delta R.T.: -0.023 min
Response: 1138230
Conc: 7.02 ng/ml



#41 AR-1268-1

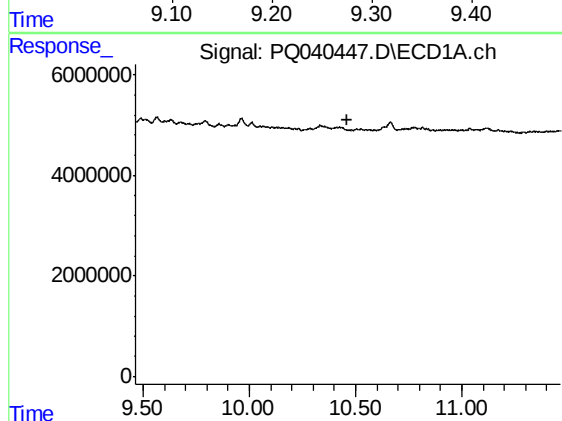
R.T.: 10.332 min
Delta R.T.: -0.032 min
Response: 1473224
Conc: 2.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



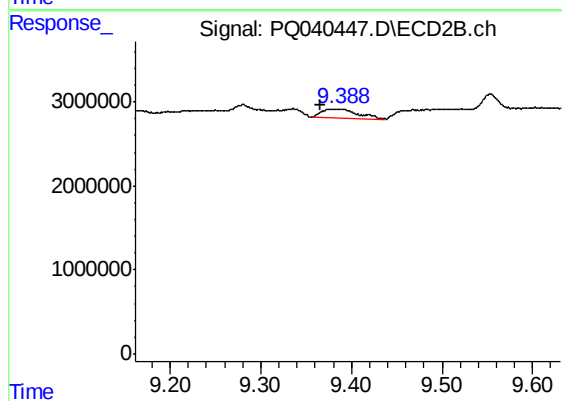
#41 AR-1268-1

R.T.: 9.280 min
Delta R.T.: -0.017 min
Response: 1775250
Conc: 3.89 ng/ml



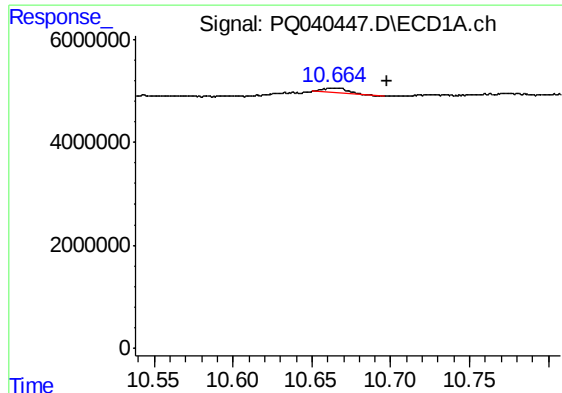
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

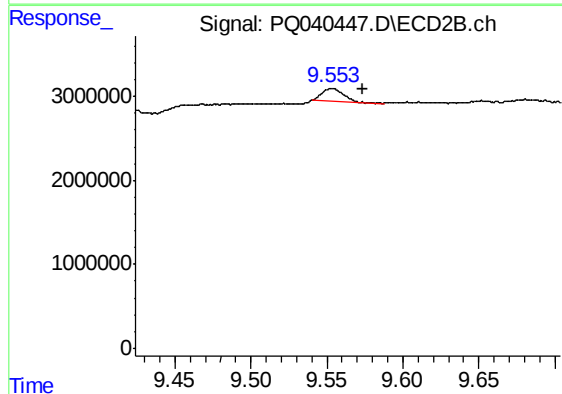
R.T.: 9.388 min
Delta R.T.: 0.022 min
Response: 2840741
Conc: 6.50 ng/ml



#43 AR-1268-3

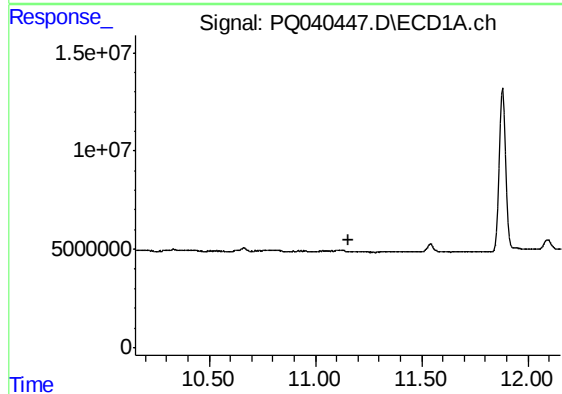
R.T.: 10.664 min
Delta R.T.: -0.034 min
Response: 1005017
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



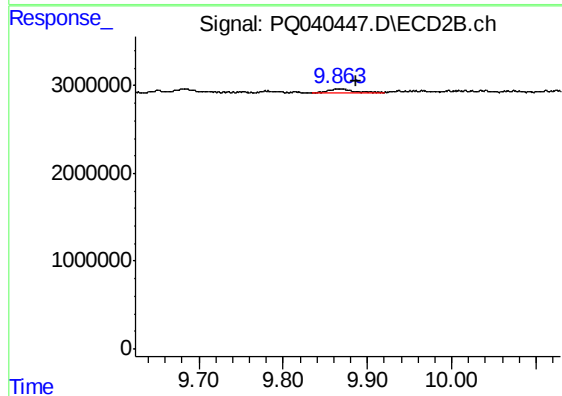
#43 AR-1268-3

R.T.: 9.553 min
Delta R.T.: -0.020 min
Response: 1462846
Conc: 3.90 ng/ml



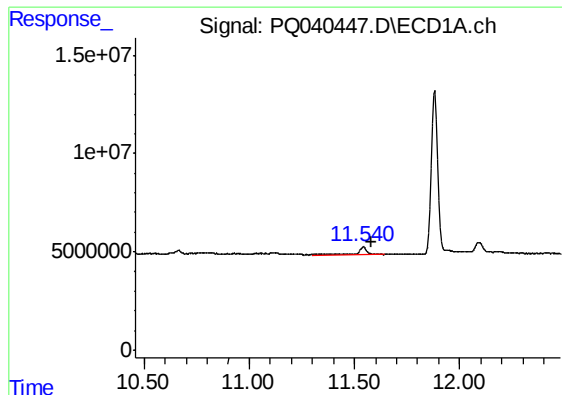
#44 AR-1268-4

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



#44 AR-1268-4

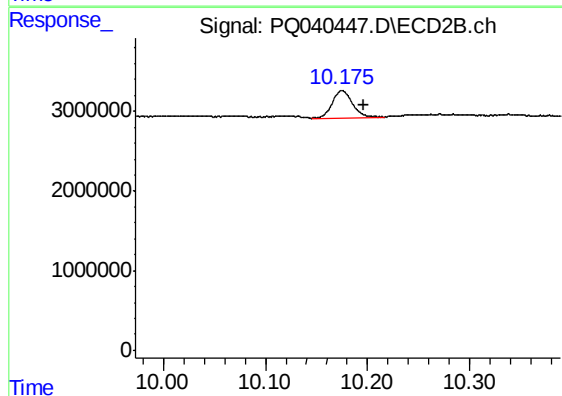
R.T.: 9.866 min
Delta R.T.: -0.020 min
Response: 1138230
Conc: 8.26 ng/ml



#45 AR-1268-5

R.T.: 11.540 min
Delta R.T.: -0.042 min
Response: 13295853
Conc: 7.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMX9



#45 AR-1268-5

R.T.: 10.175 min
Delta R.T.: -0.021 min
Response: 4864547
Conc: 4.12 ng/ml