

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052519\
 Data File : PQ040270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 15:14
 Operator : SM\AJ
 Sample : K3044-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMS7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 05:39:11 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...	5.598	4.736	35456431	22623293	10.823	10.533
2)	SA Decachlor...	11.909	10.458	130.9E6	66480144	18.323	15.988
Target Compounds							
3)	L1 AR-1016-1	0.000	6.207	0	213051	N.D.	1.661 #
4)	L1 AR-1016-2	0.000	6.207	0	213051	N.D.	1.104 #
5)	L1 AR-1016-3	0.000	6.415	0	613372	N.D.	5.687 #
6)	L1 AR-1016-4	0.000	6.522	0	720787	N.D.	8.465 #
7)	L1 AR-1016-5	0.000	6.752	0	644271	N.D.	5.596 #
8)	L2 AR-1221-1	0.000	5.056	0	102435	N.D.	4.180 #
9)	L2 AR-1221-2	0.000	5.155	0	395479	N.D.	24.281 #
10)	L2 AR-1221-3	0.000	5.303	0	28124	N.D.	0.463 #
11)	L3 AR-1232-1	0.000	5.303	0	28124	N.D.	0.614 #
12)	L3 AR-1232-2	0.000	6.207	0	213051	N.D.	3.552 #
13)	L3 AR-1232-3	0.000	6.415	0	613372	N.D.	17.441 #
14)	L3 AR-1232-4	0.000	6.522	0	720787	N.D.	24.394 #
15)	L3 AR-1232-5	0.000	6.752	0	644271	N.D.	21.401 #
16)	L4 AR-1242-1	0.000	6.207	0	213051	N.D.	2.881 #
17)	L4 AR-1242-2	0.000	6.207	0	213051	N.D.	2.001 #
18)	L4 AR-1242-3	0.000	6.415	0	613372	N.D.	10.168 #
19)	L4 AR-1242-4	0.000	6.522	0	720787	N.D.	12.094 #
20)	L4 AR-1242-5	0.000	7.177	0	1476957	N.D.	18.327 #
21)	L5 AR-1248-1	0.000	6.207	0	213051	N.D.	3.697 #
22)	L5 AR-1248-2	0.000	6.522	0	720787	N.D.	8.198 #
23)	L5 AR-1248-3	0.000	6.522	0	720787	N.D.	7.966 #
24)	L5 AR-1248-4	0.000	6.752	0	644271	N.D.	5.834 #
25)	L5 AR-1248-5	0.000	7.177	0	1476957	N.D.	13.009 #
26)	L6 AR-1254-1	0.000	7.177	0	1476957	N.D.	7.711 #
27)	L6 AR-1254-2	0.000	7.326	0	335962	N.D.	1.934 #
28)	L6 AR-1254-3	0.000	7.751	0	1284901	N.D.	4.446 #
29)	L6 AR-1254-4	0.000	7.987	0	990568	N.D.	5.548 #
30)	L6 AR-1254-5	0.000	8.439	0	823756	N.D.	3.197 #
31)	L7 AR-1260-1	0.000	7.902	0	1213961	N.D.	4.428 #
32)	L7 AR-1260-2	0.000	8.136	0	1035414	N.D.	2.993 #
33)	L7 AR-1260-3	0.000	8.255	0	150360	N.D.	0.469 #
34)	L7 AR-1260-4	0.000	8.786	0	830626	N.D.	3.057 #
35)	L7 AR-1260-5	0.000	9.007	0	1334628	N.D.	1.986 #
36)	L8 AR-1262-1	0.000	8.532	0	139631	N.D.	1.230 #
37)	L8 AR-1262-2	0.000	9.007	0	1334628	N.D.	2.690 #
38)	L8 AR-1262-3	0.000	9.329	0	810236	N.D.	3.854 #
39)	L8 AR-1262-4	0.000	9.329	0	810236	N.D.	2.140 #
40)	L8 AR-1262-5	0.000	9.886	0	758627	N.D.	4.679 #
41)	L9 AR-1268-1	0.000	9.329	0	810236	N.D.	1.776 #
42)	L9 AR-1268-2	0.000	9.329	0	810236	N.D.	1.853 #

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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
43) L9	AR-1268-3	0.000	9.569	0	604631	N.D.	1.611 #
44) L9	AR-1268-4	0.000	9.886	0	758627	N.D.	5.506 #
45) L9	AR-1268-5	0.000	10.193	0	966091	N.D.	0.819 #

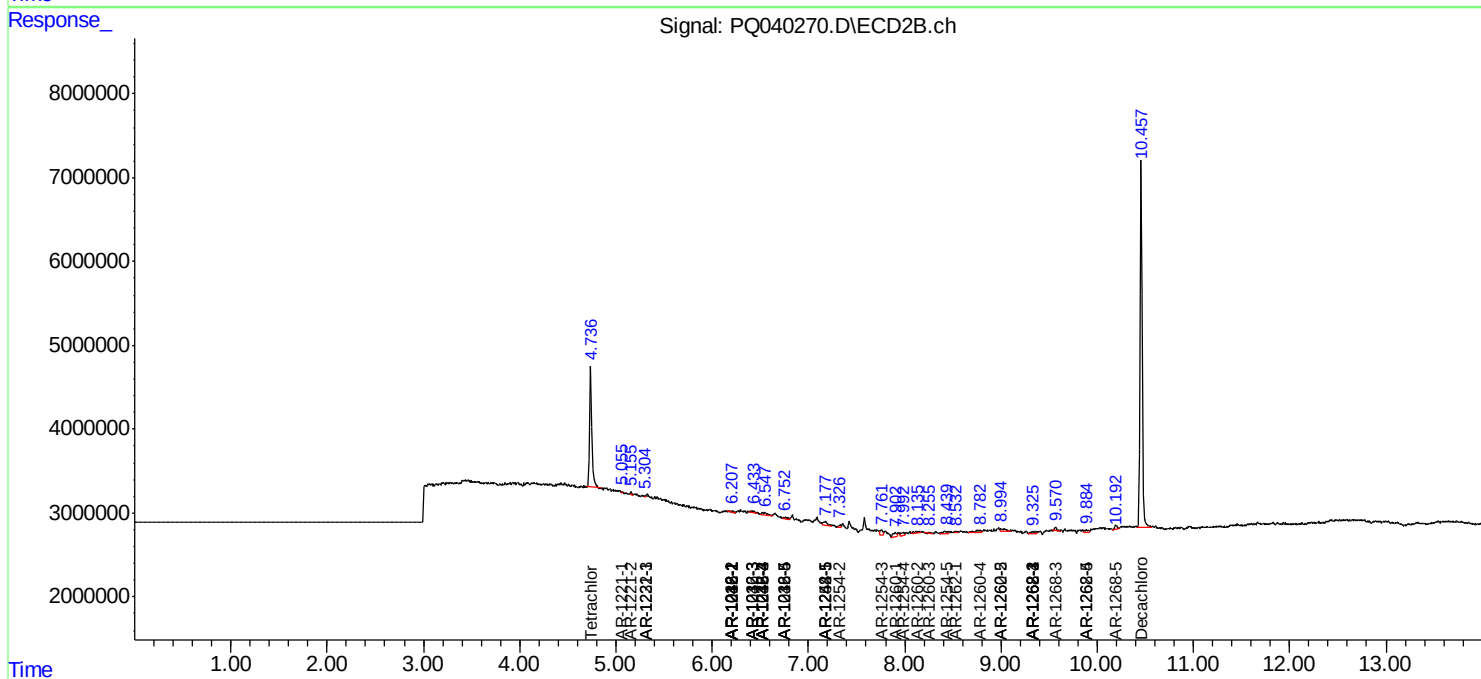
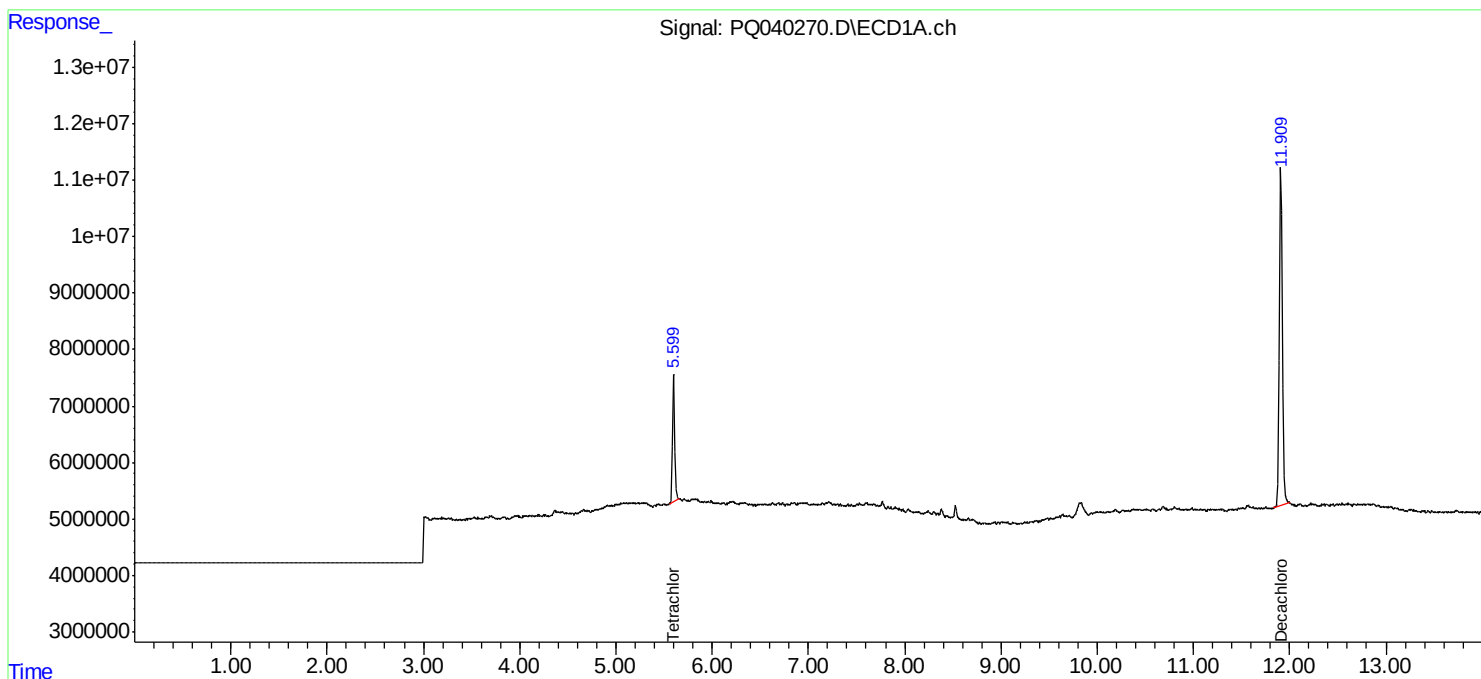
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

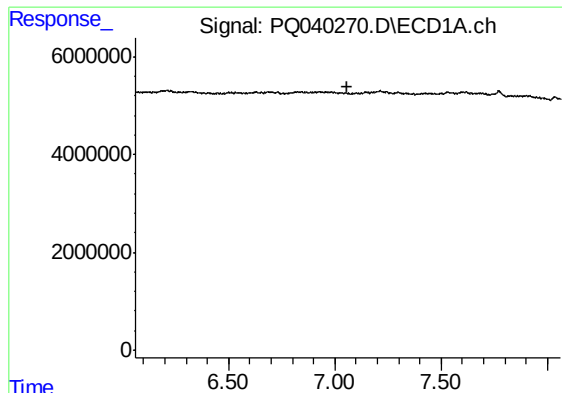
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052519\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

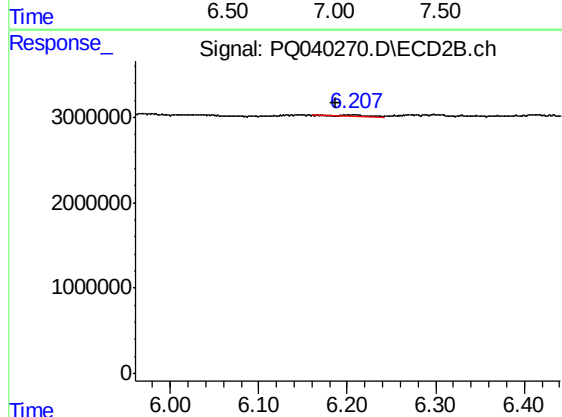




#3 AR-1016-1

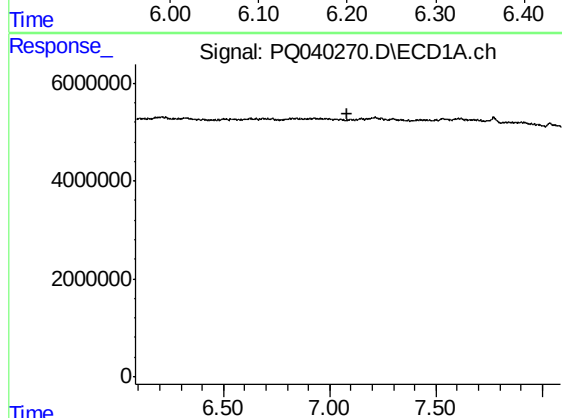
R.T.: 0.000 min
Exp R.T. : 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



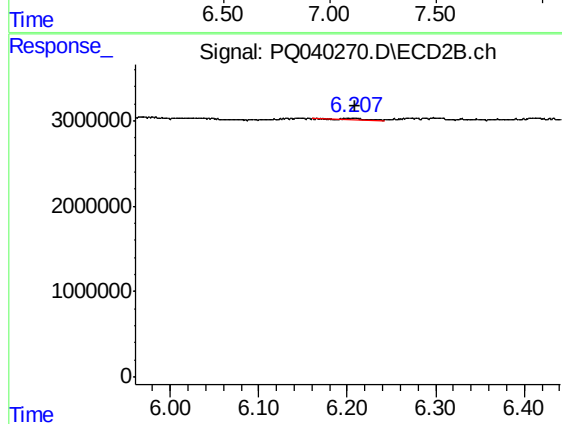
#3 AR-1016-1

R.T.: 6.207 min
Delta R.T.: 0.020 min
Response: 213051
Conc: 1.66 ng/ml



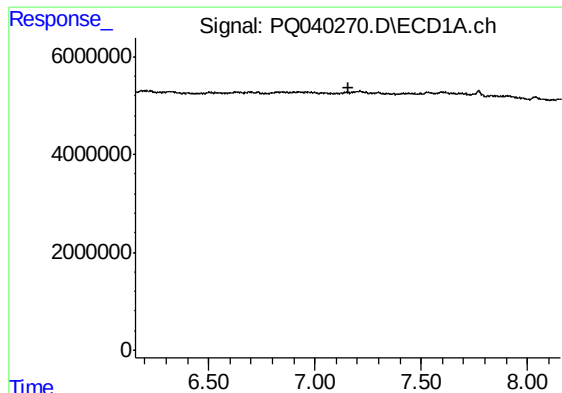
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 7.085 min
Response: 0
Conc: N.D.



#4 AR-1016-2

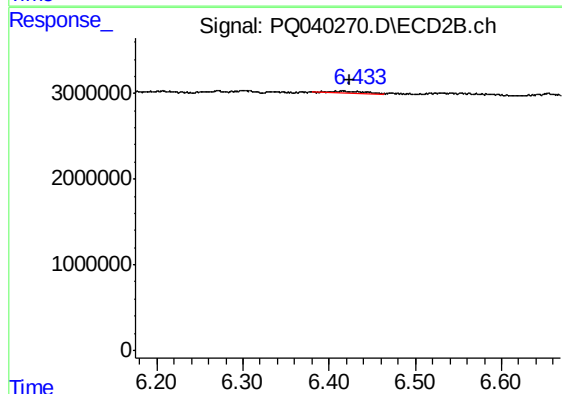
R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 213051
Conc: 1.10 ng/ml



#5 AR-1016-3

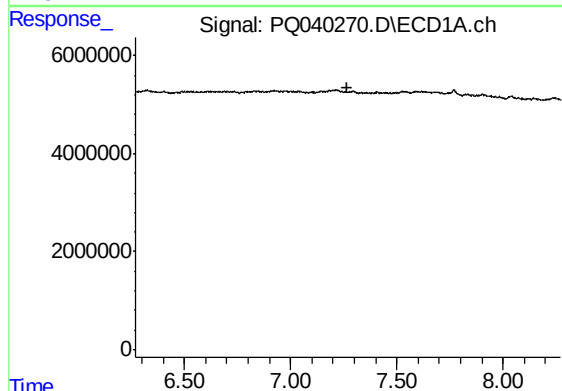
R.T.: 0.000 min
Exp R.T.: 7.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



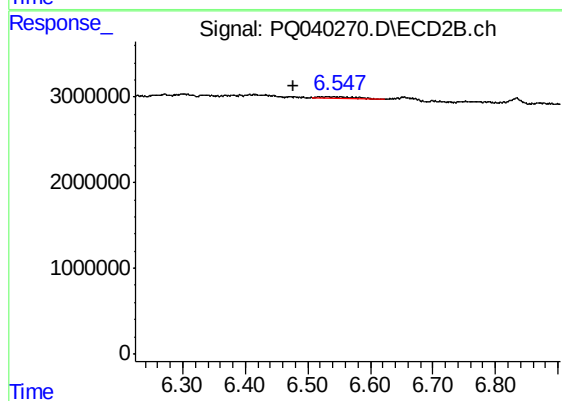
#5 AR-1016-3

R.T.: 6.415 min
Delta R.T.: -0.008 min
Response: 613372
Conc: 5.69 ng/ml



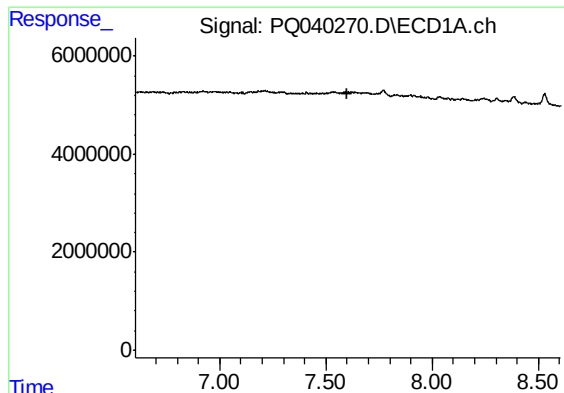
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

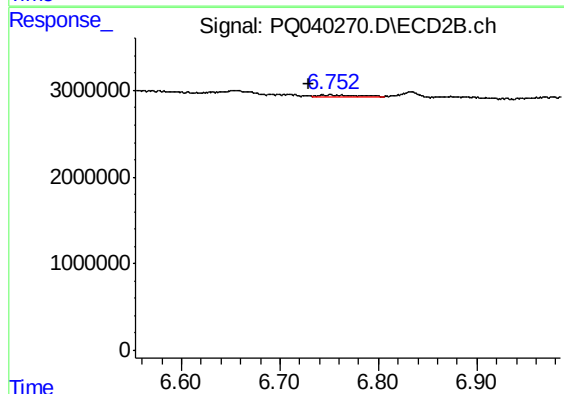
R.T.: 6.522 min
Delta R.T.: 0.044 min
Response: 720787
Conc: 8.47 ng/ml



#7 AR-1016-5

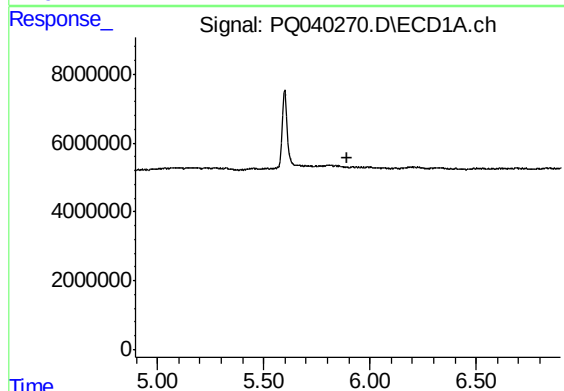
R.T.: 0.000 min
Exp R.T.: 7.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



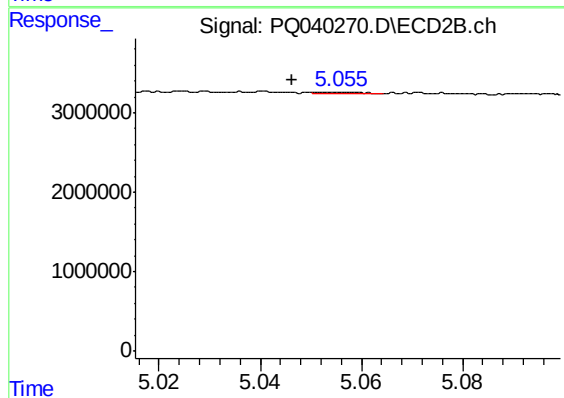
#7 AR-1016-5

R.T.: 6.752 min
Delta R.T.: 0.022 min
Response: 644271
Conc: 5.60 ng/ml



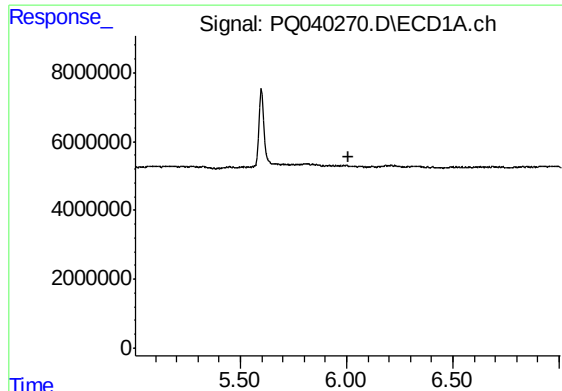
#8 AR-1221-1

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



#8 AR-1221-1

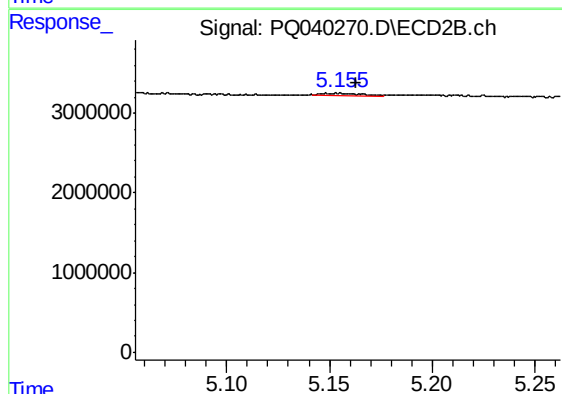
R.T.: 5.056 min
Delta R.T.: 0.009 min
Response: 102435
Conc: 4.18 ng/ml



#9 AR-1221-2

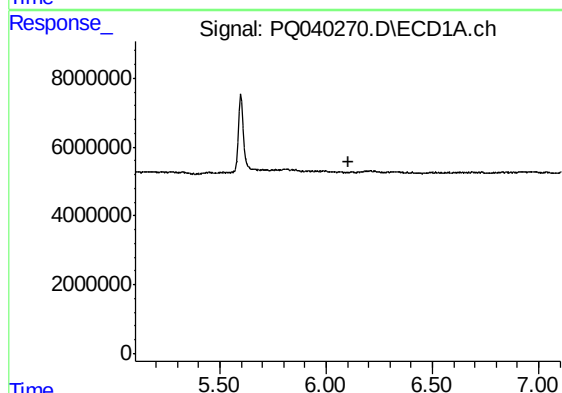
R.T.: 0.000 min
Exp R.T. : 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



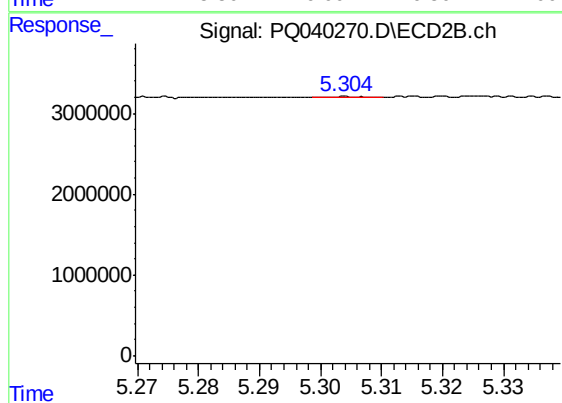
#9 AR-1221-2

R.T.: 5.155 min
Delta R.T.: -0.008 min
Response: 395479
Conc: 24.28 ng/ml



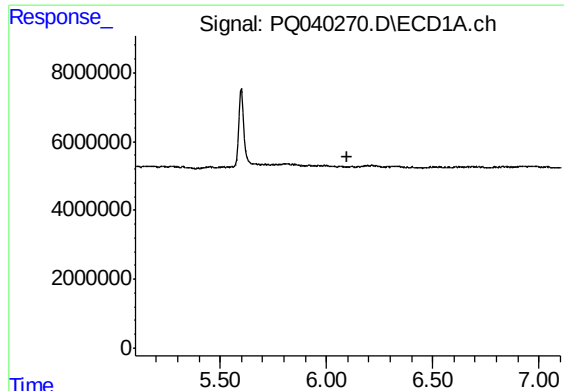
#10 AR-1221-3

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



#10 AR-1221-3

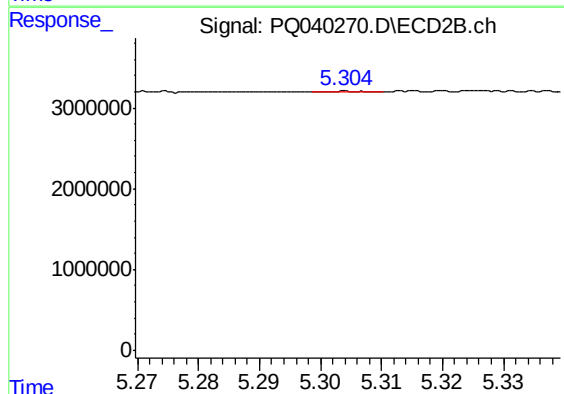
R.T.: 5.303 min
Delta R.T.: 0.037 min
Response: 28124
Conc: 0.46 ng/ml



#11 AR-1232-1

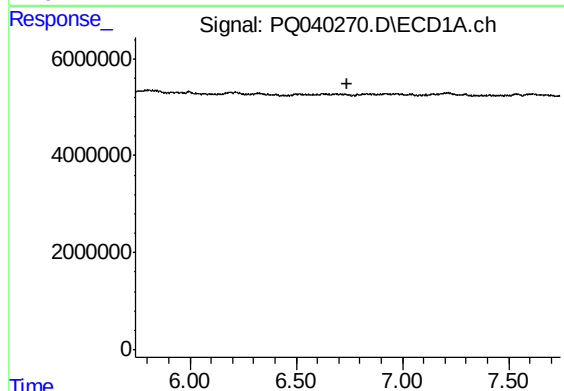
R.T.: 0.000 min
Exp R.T. : 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



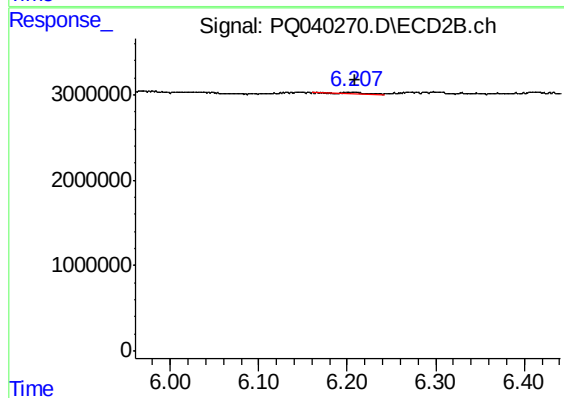
#11 AR-1232-1

R.T.: 5.303 min
Delta R.T.: 0.038 min
Response: 28124
Conc: 0.61 ng/ml



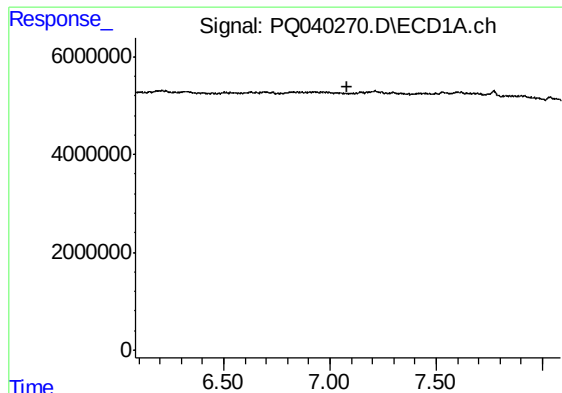
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

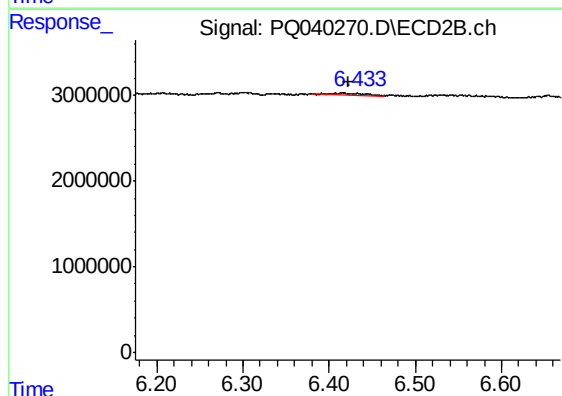
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 213051
Conc: 3.55 ng/ml



#13 AR-1232-3

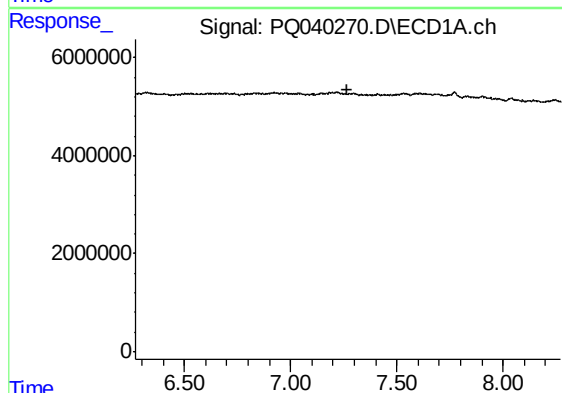
R.T.: 0.000 min
Exp R.T. : 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



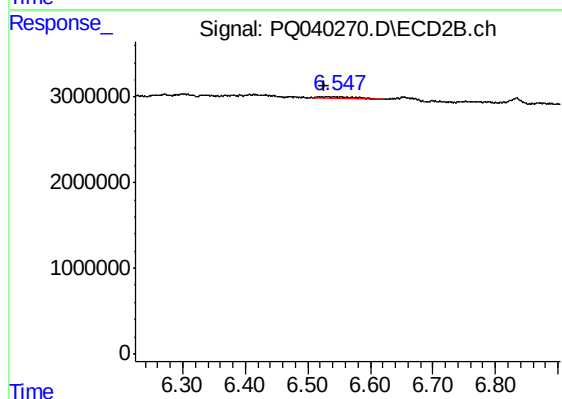
#13 AR-1232-3

R.T.: 6.415 min
Delta R.T.: -0.007 min
Response: 613372
Conc: 17.44 ng/ml



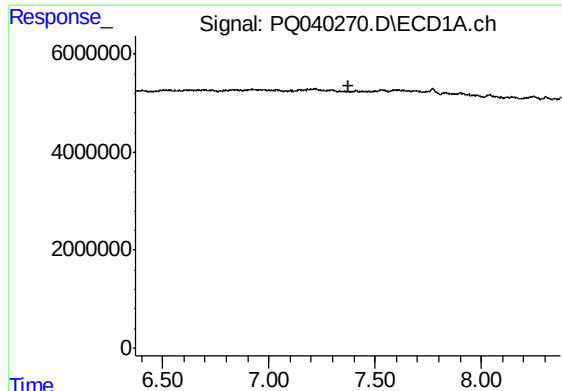
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



#14 AR-1232-4

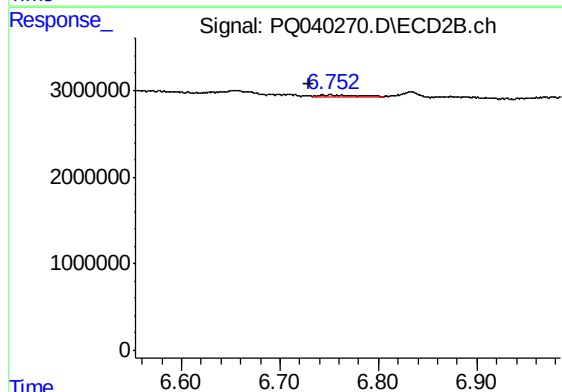
R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 720787
Conc: 24.39 ng/ml



#15 AR-1232-5

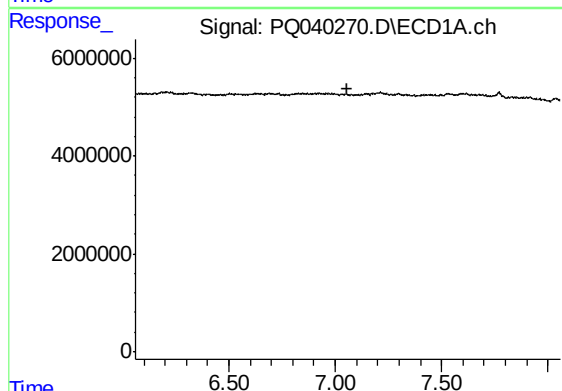
R.T.: 0.000 min
Exp R.T. : 7.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



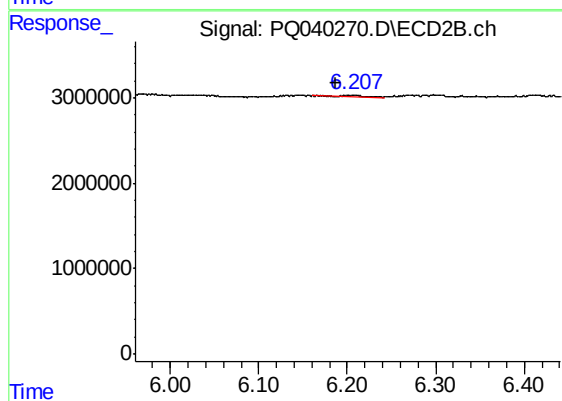
#15 AR-1232-5

R.T.: 6.752 min
Delta R.T.: 0.023 min
Response: 644271
Conc: 21.40 ng/ml



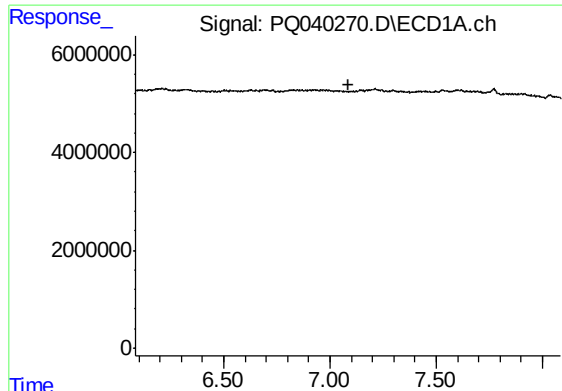
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.060 min
Response: 0
Conc: N.D.



#16 AR-1242-1

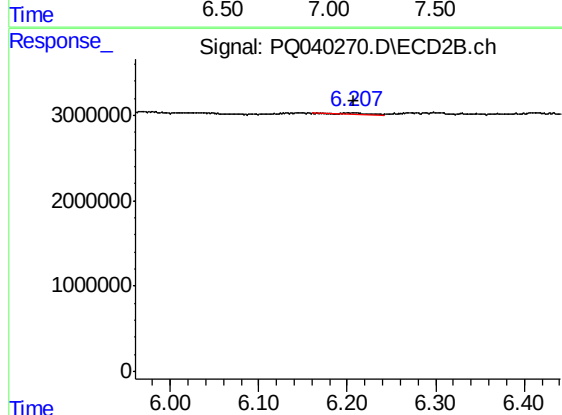
R.T.: 6.207 min
Delta R.T.: 0.020 min
Response: 213051
Conc: 2.88 ng/ml



#17 AR-1242-2

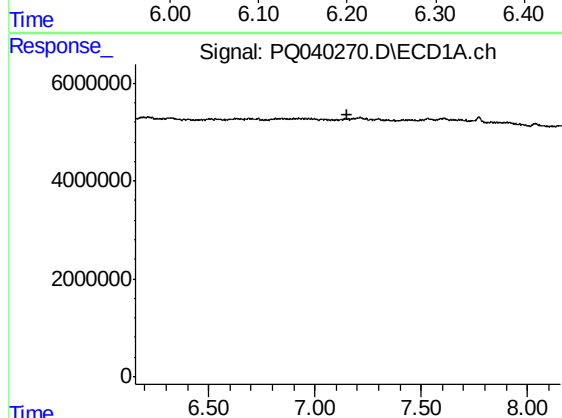
R.T.: 0.000 min
Exp R.T. : 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



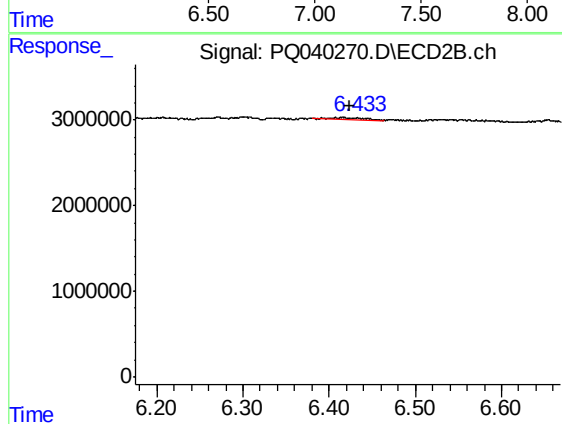
#17 AR-1242-2

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 213051
Conc: 2.00 ng/ml



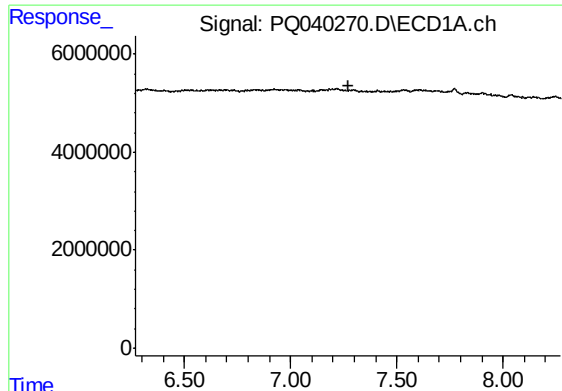
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.155 min
Response: 0
Conc: N.D.



#18 AR-1242-3

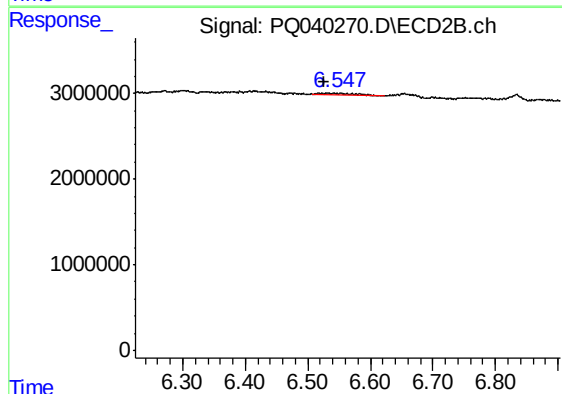
R.T.: 6.415 min
Delta R.T.: -0.008 min
Response: 613372
Conc: 10.17 ng/ml



#19 AR-1242-4

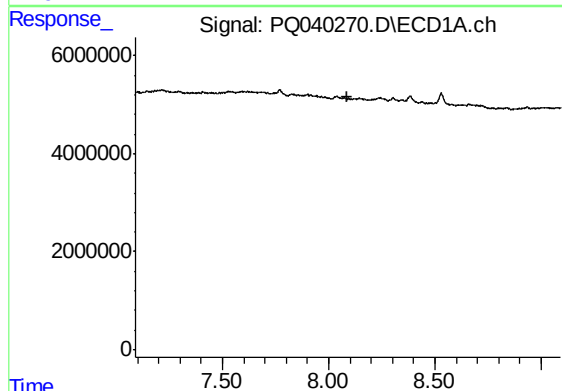
R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



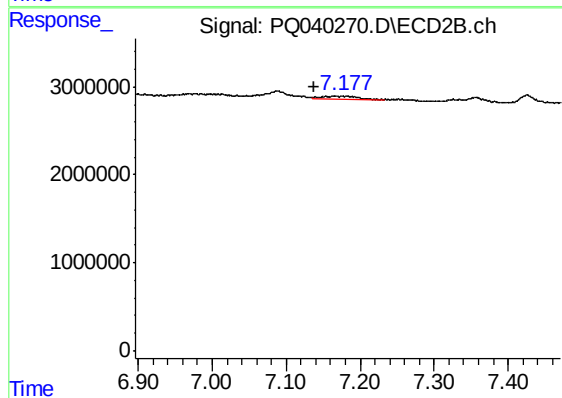
#19 AR-1242-4

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 720787
Conc: 12.09 ng/ml



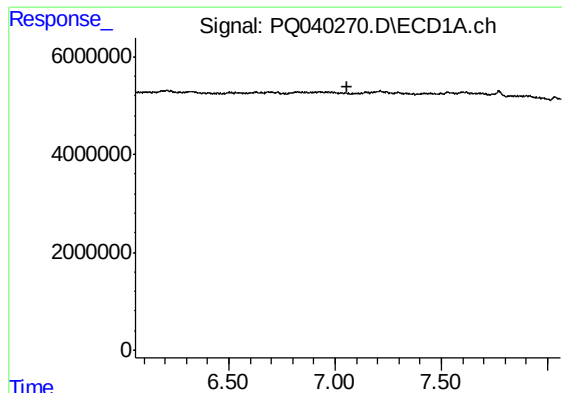
#20 AR-1242-5

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



#20 AR-1242-5

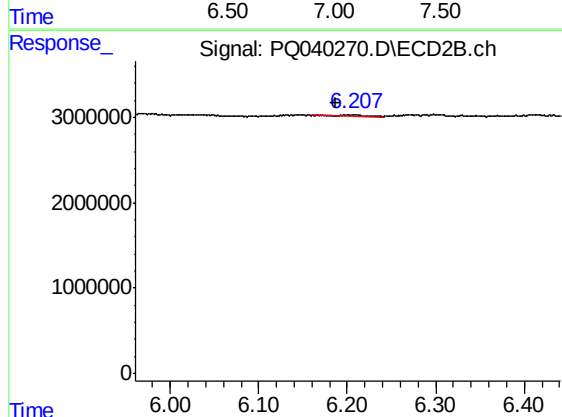
R.T.: 7.177 min
Delta R.T.: 0.039 min
Response: 1476957
Conc: 18.33 ng/ml



#21 AR-1248-1

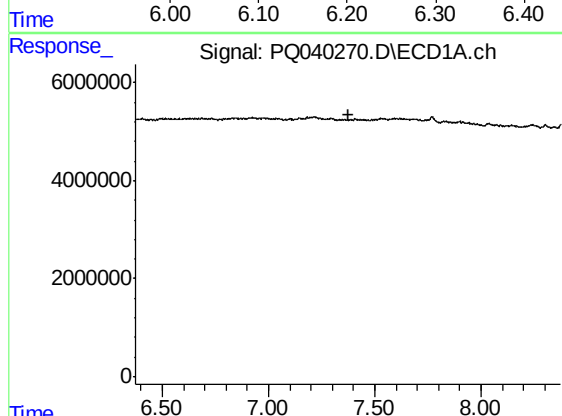
R.T.: 0.000 min
Exp R.T.: 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



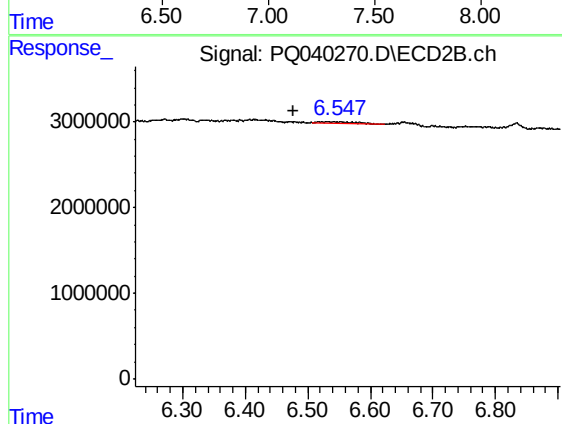
#21 AR-1248-1

R.T.: 6.207 min
Delta R.T.: 0.020 min
Response: 213051
Conc: 3.70 ng/ml



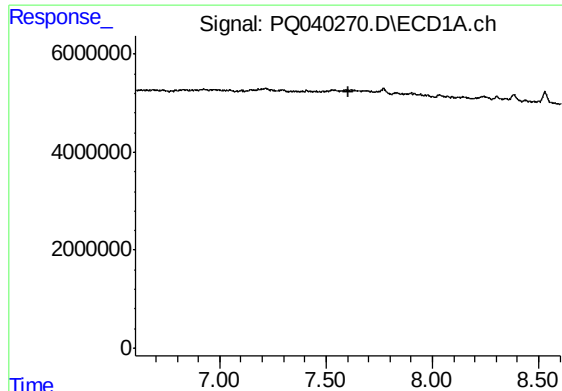
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.374 min
Response: 0
Conc: N.D.



#22 AR-1248-2

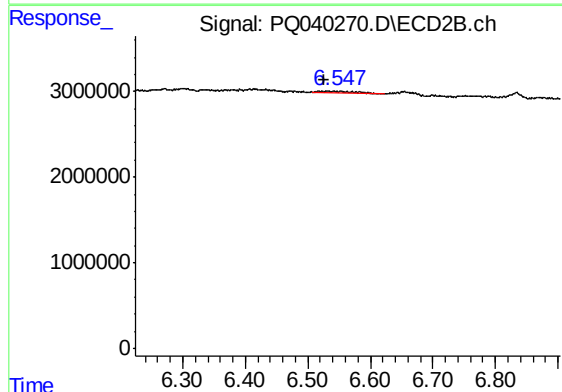
R.T.: 6.522 min
Delta R.T.: 0.045 min
Response: 720787
Conc: 8.20 ng/ml



#23 AR-1248-3

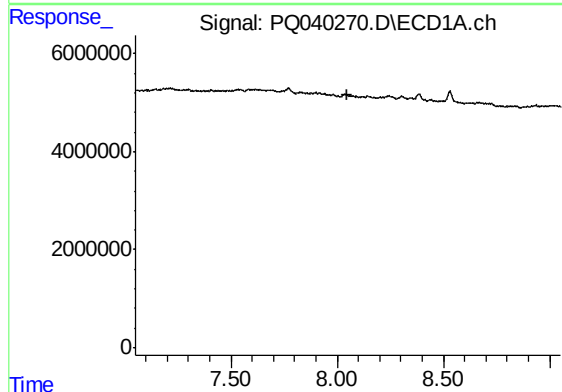
R.T.: 0.000 min
Exp R.T. : 7.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



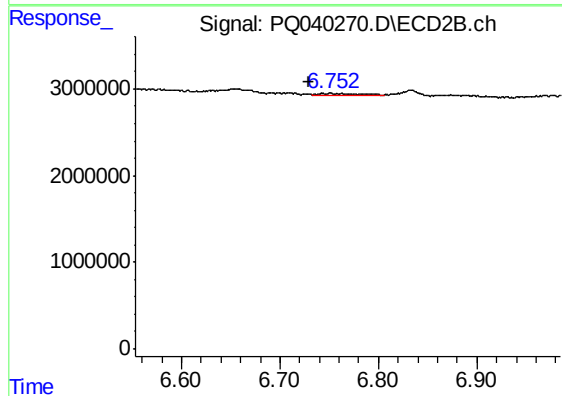
#23 AR-1248-3

R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 720787
Conc: 7.97 ng/ml



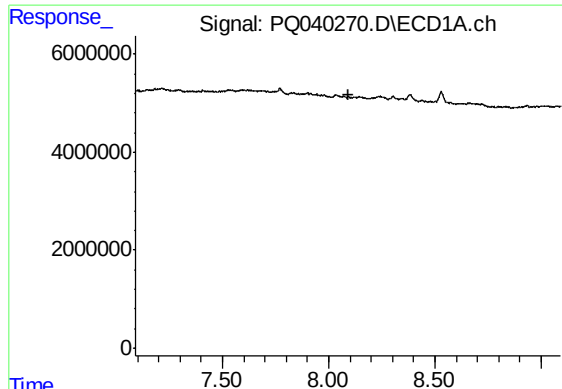
#24 AR-1248-4

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



#24 AR-1248-4

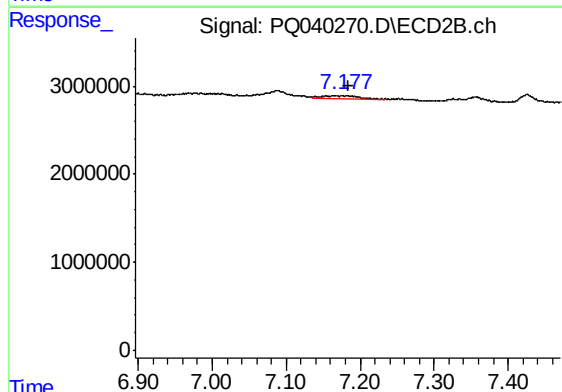
R.T.: 6.752 min
Delta R.T.: 0.023 min
Response: 644271
Conc: 5.83 ng/ml



#25 AR-1248-5

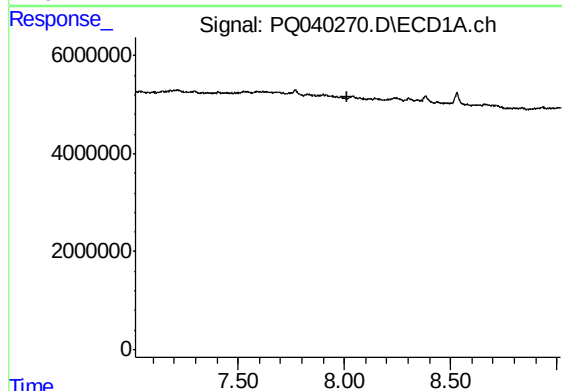
R.T.: 0.000 min
Exp R.T. : 8.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



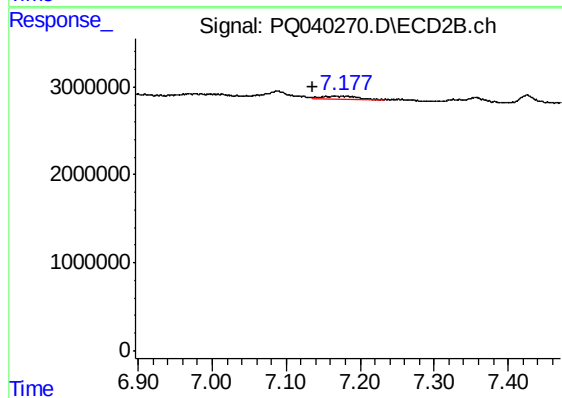
#25 AR-1248-5

R.T.: 7.177 min
Delta R.T.: -0.007 min
Response: 1476957
Conc: 13.01 ng/ml



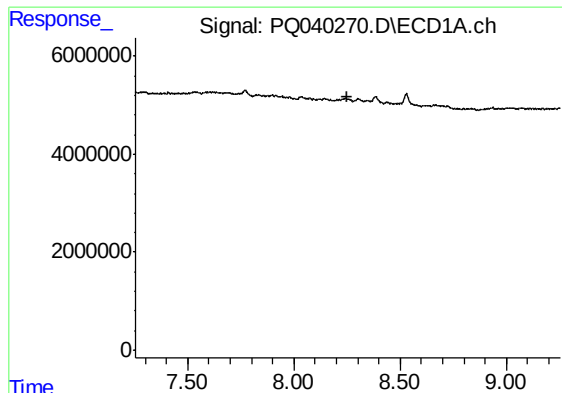
#26 AR-1254-1

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



#26 AR-1254-1

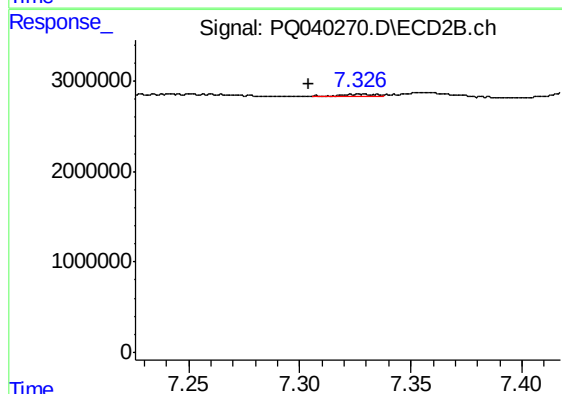
R.T.: 7.177 min
Delta R.T.: 0.041 min
Response: 1476957
Conc: 7.71 ng/ml



#27 AR-1254-2

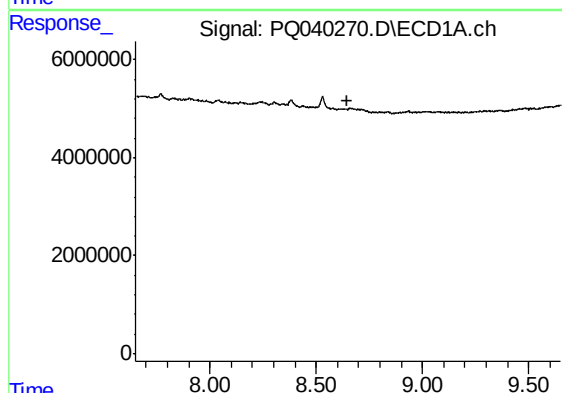
R.T.: 0.000 min
Exp R.T. : 8.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



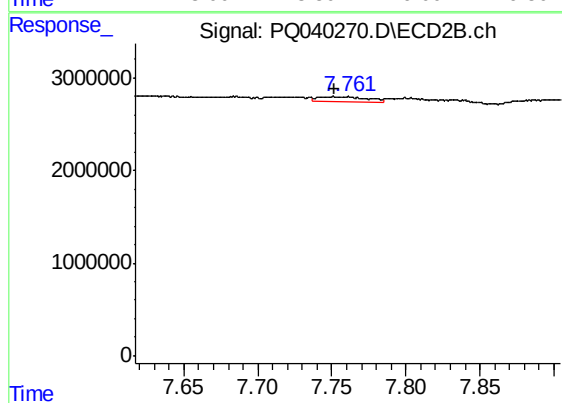
#27 AR-1254-2

R.T.: 7.326 min
Delta R.T.: 0.022 min
Response: 335962
Conc: 1.93 ng/ml



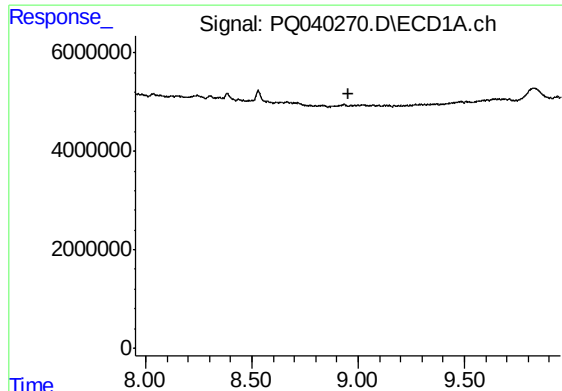
#28 AR-1254-3

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



#28 AR-1254-3

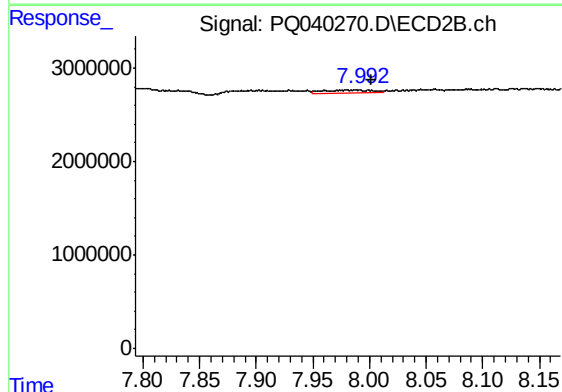
R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 1284901
Conc: 4.45 ng/ml



#29 AR-1254-4

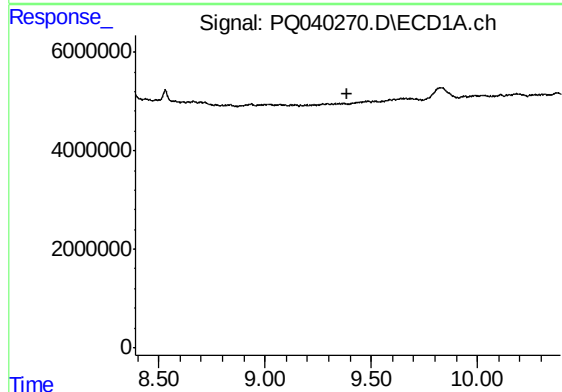
R.T.: 0.000 min
Exp R.T. : 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



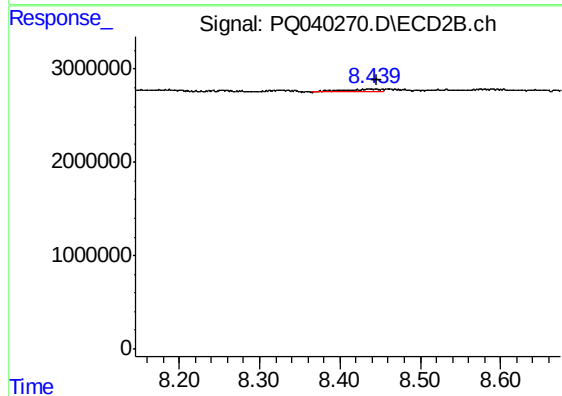
#29 AR-1254-4

R.T.: 7.987 min
Delta R.T.: -0.015 min
Response: 990568
Conc: 5.55 ng/ml



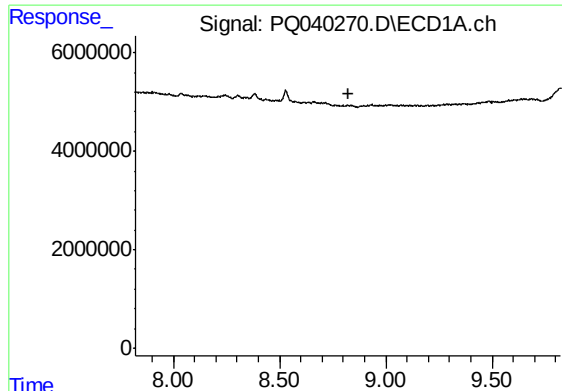
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.390 min
Response: 0
Conc: N.D.



#30 AR-1254-5

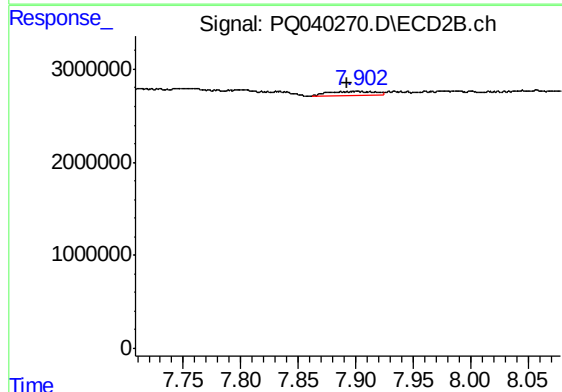
R.T.: 8.439 min
Delta R.T.: -0.007 min
Response: 823756
Conc: 3.20 ng/ml



#31 AR-1260-1

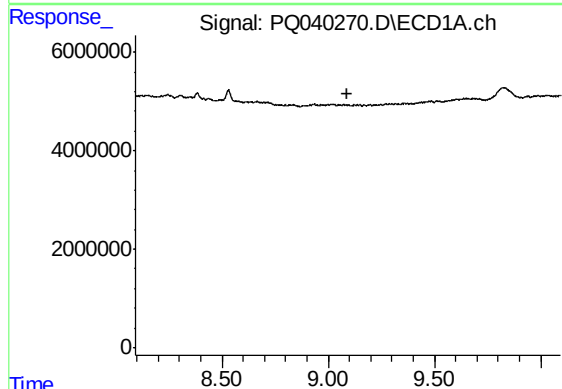
R.T.: 0.000 min
Exp R.T. : 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



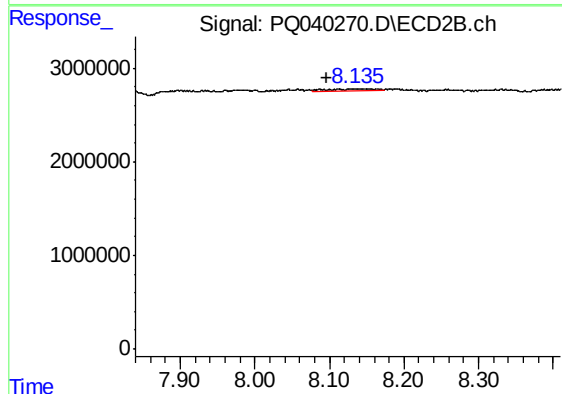
#31 AR-1260-1

R.T.: 7.902 min
Delta R.T.: 0.009 min
Response: 1213961
Conc: 4.43 ng/ml



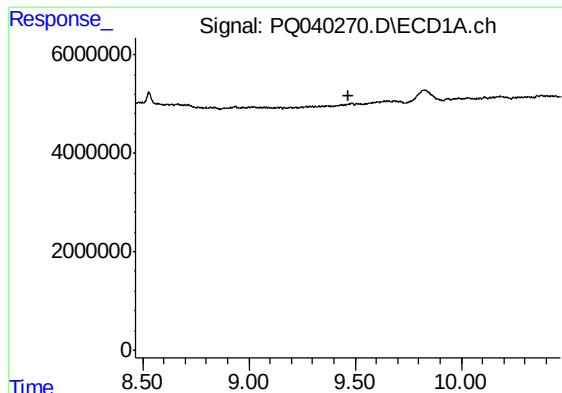
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

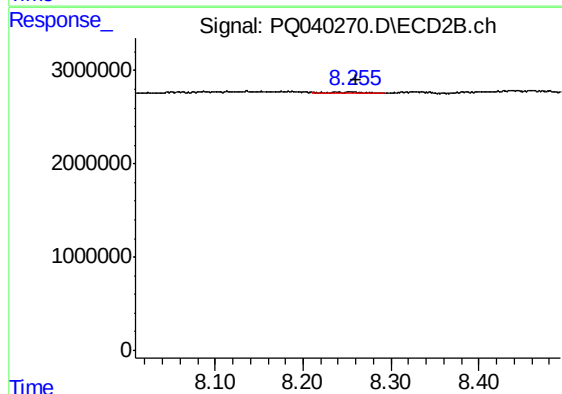
R.T.: 8.136 min
Delta R.T.: 0.039 min
Response: 1035414
Conc: 2.99 ng/ml



#33 AR-1260-3

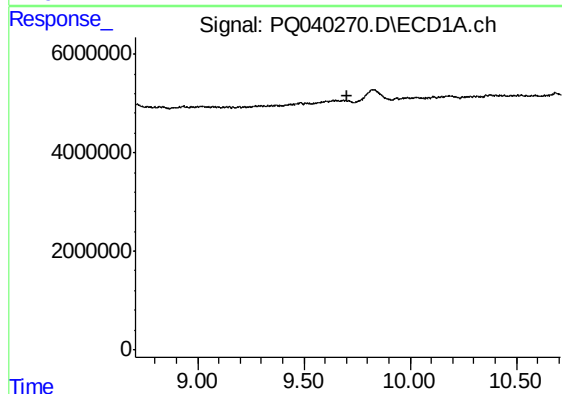
R.T.: 0.000 min
Exp R.T. : 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



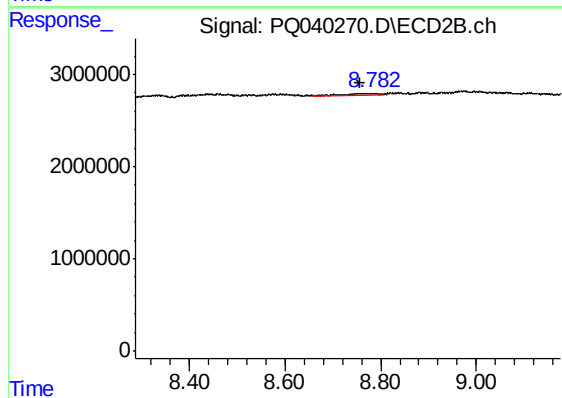
#33 AR-1260-3

R.T.: 8.255 min
Delta R.T.: -0.005 min
Response: 150360
Conc: 0.47 ng/ml



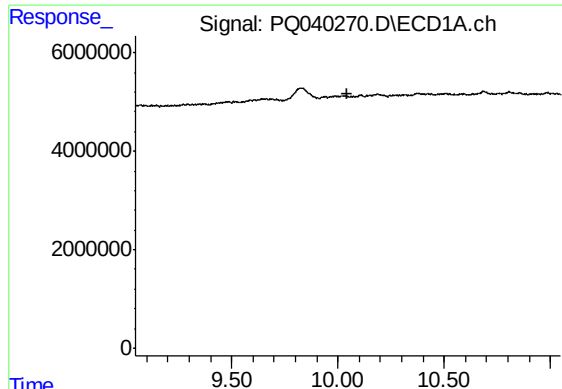
#34 AR-1260-4

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



#34 AR-1260-4

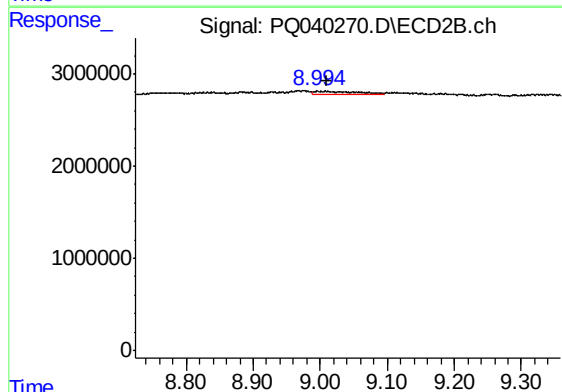
R.T.: 8.786 min
Delta R.T.: 0.029 min
Response: 830626
Conc: 3.06 ng/ml



#35 AR-1260-5

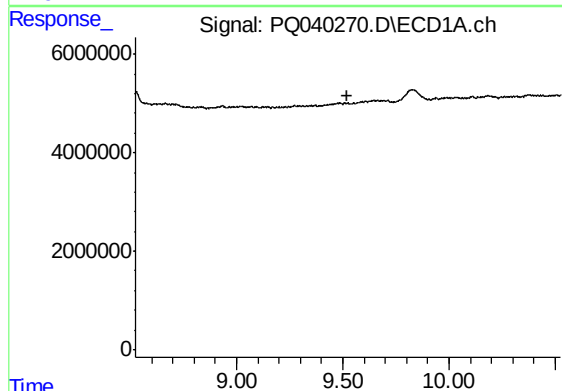
R.T.: 0.000 min
Exp R.T. : 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



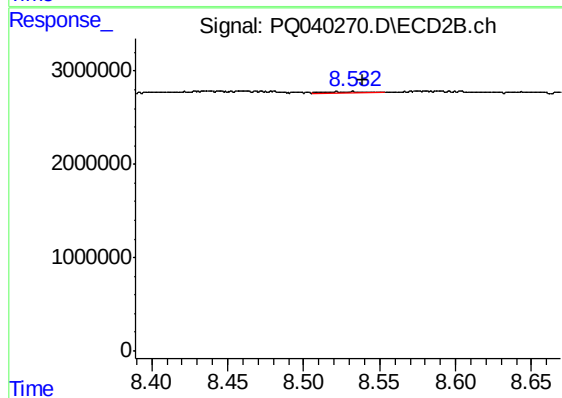
#35 AR-1260-5

R.T.: 9.007 min
Delta R.T.: -0.003 min
Response: 1334628
Conc: 1.99 ng/ml



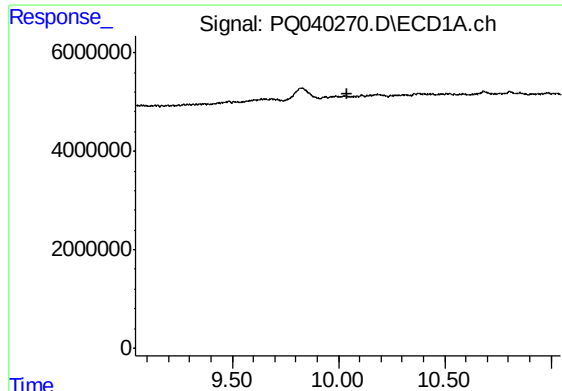
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

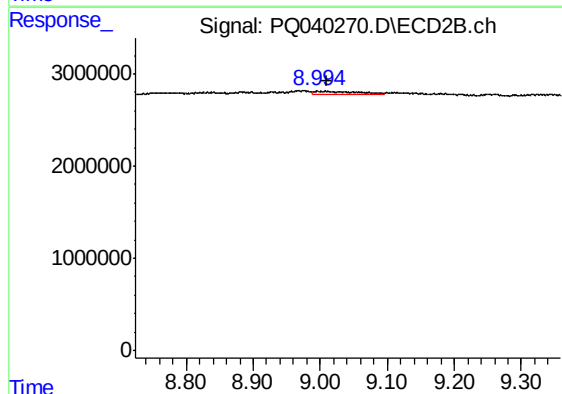
R.T.: 8.532 min
Delta R.T.: -0.007 min
Response: 139631
Conc: 1.23 ng/ml



#37 AR-1262-2

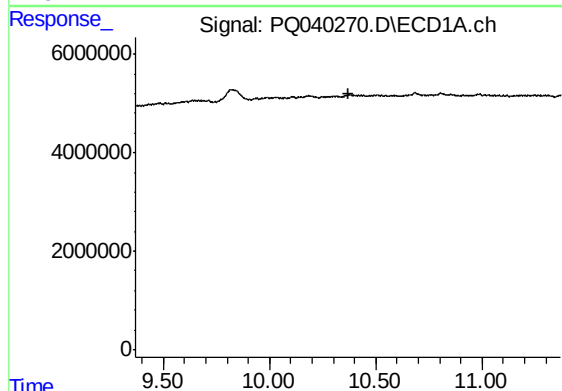
R.T.: 0.000 min
Exp R.T. : 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



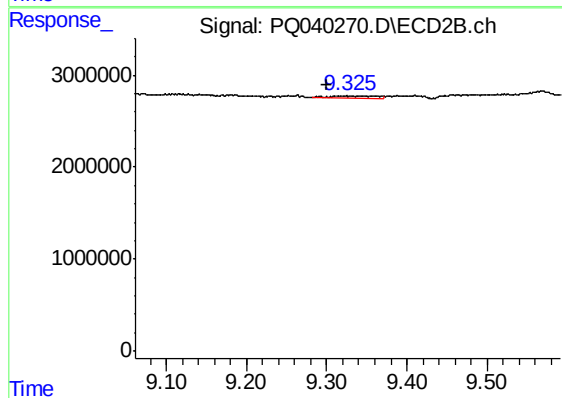
#37 AR-1262-2

R.T.: 9.007 min
Delta R.T.: -0.003 min
Response: 1334628
Conc: 2.69 ng/ml



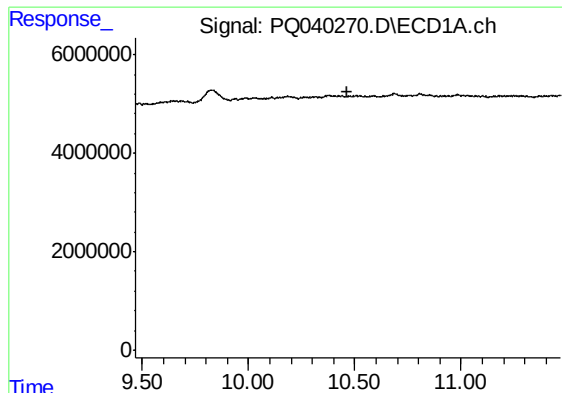
#38 AR-1262-3

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



#38 AR-1262-3

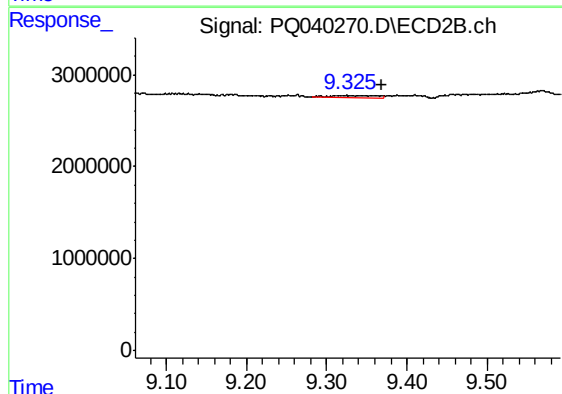
R.T.: 9.329 min
Delta R.T.: 0.029 min
Response: 810236
Conc: 3.85 ng/ml



#39 AR-1262-4

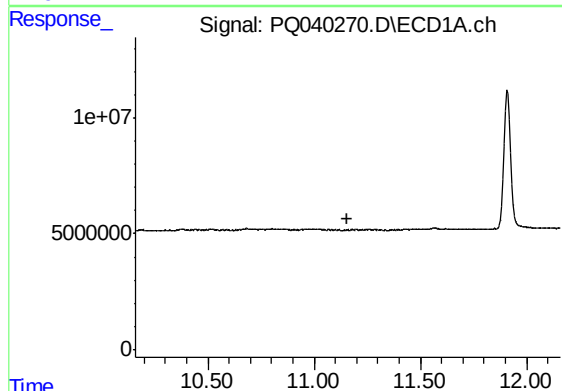
R.T.: 0.000 min
Exp R.T. : 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



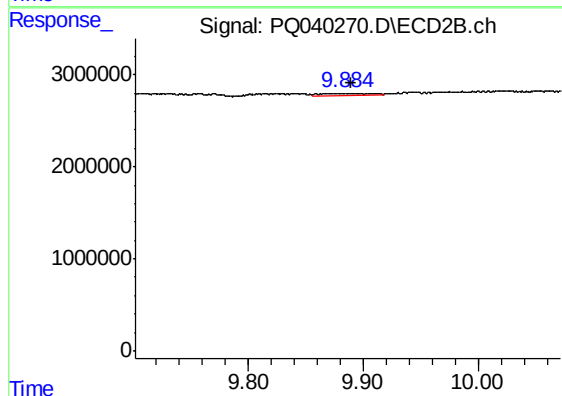
#39 AR-1262-4

R.T.: 9.329 min
Delta R.T.: -0.039 min
Response: 810236
Conc: 2.14 ng/ml



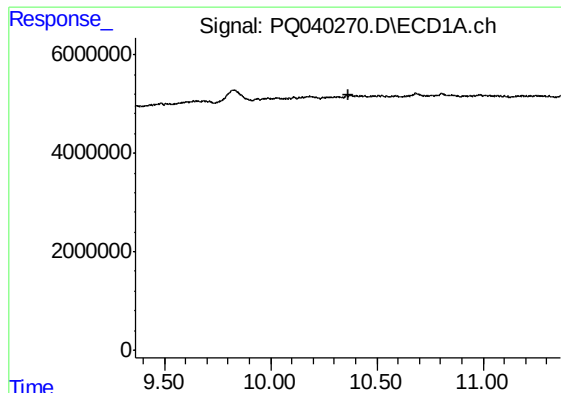
#40 AR-1262-5

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



#40 AR-1262-5

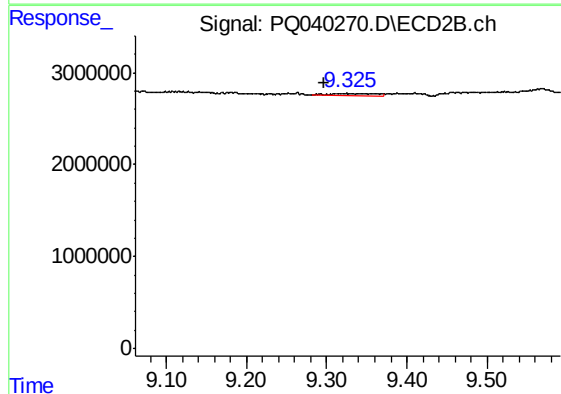
R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 758627
Conc: 4.68 ng/ml



#41 AR-1268-1

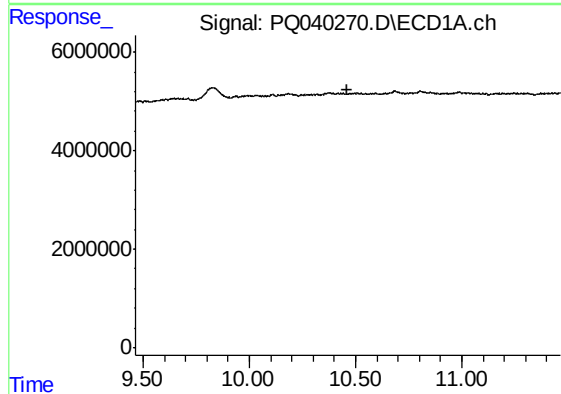
R.T.: 0.000 min
Exp R.T. : 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



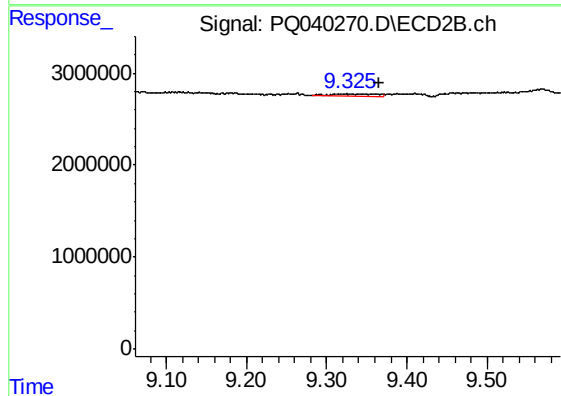
#41 AR-1268-1

R.T.: 9.329 min
Delta R.T.: 0.032 min
Response: 810236
Conc: 1.78 ng/ml



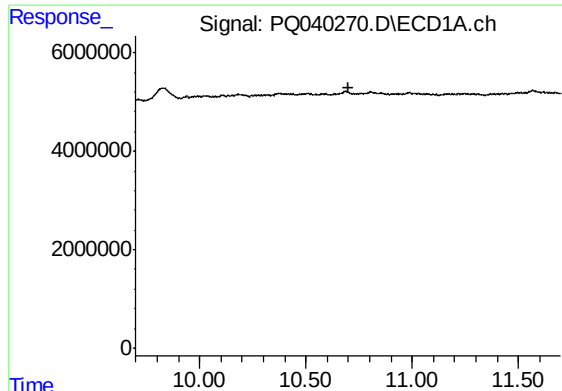
#42 AR-1268-2

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



#42 AR-1268-2

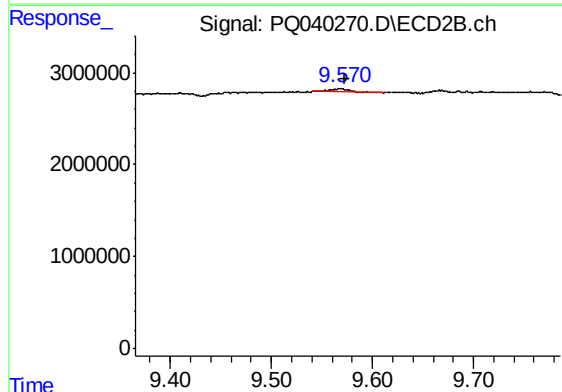
R.T.: 9.329 min
Delta R.T.: -0.037 min
Response: 810236
Conc: 1.85 ng/ml



#43 AR-1268-3

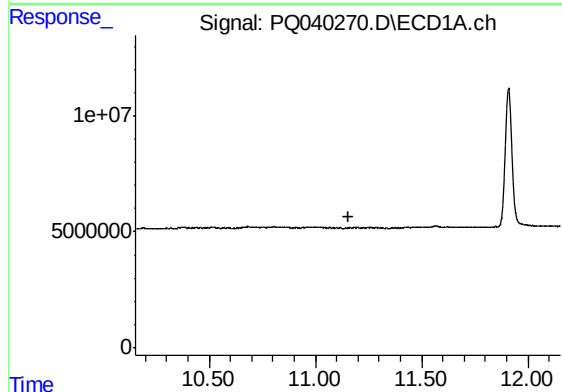
R.T.: 0.000 min
Exp R.T. : 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



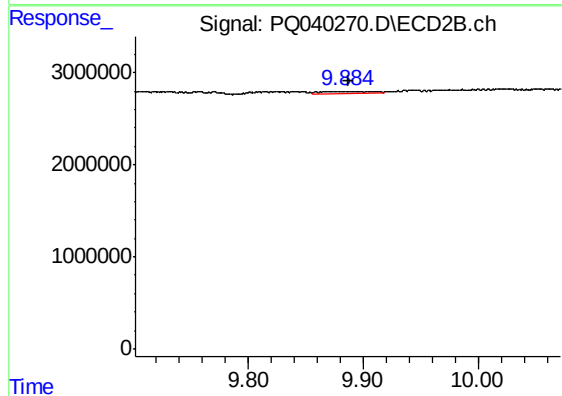
#43 AR-1268-3

R.T.: 9.569 min
Delta R.T.: -0.004 min
Response: 604631
Conc: 1.61 ng/ml



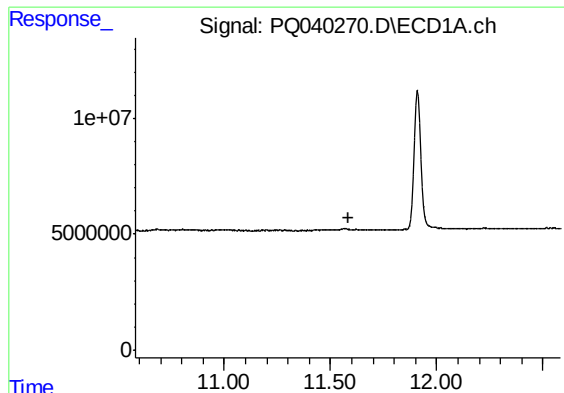
#44 AR-1268-4

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



#44 AR-1268-4

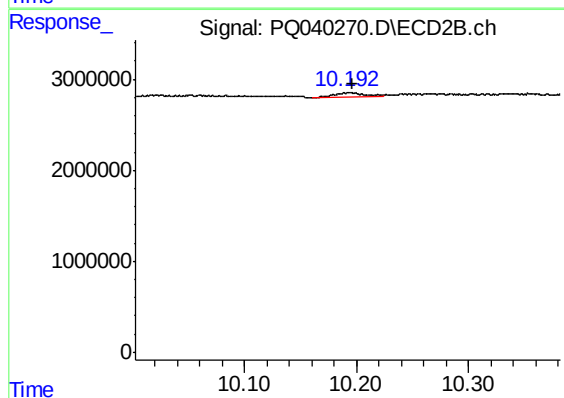
R.T.: 9.886 min
Delta R.T.: 0.000 min
Response: 758627
Conc: 5.51 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS7



#45 AR-1268-5

R.T.: 10.193 min
Delta R.T.: -0.003 min
Response: 966091
Conc: 0.82 ng/ml