

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012521\
 Data File : PQ051864.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2021 09:59
 Operator : DD\AJ
 Sample : AR1221CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12213004

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 22:06:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 23 09:02:46 2021
 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...	5.236	4.251	500.2E6	149.9E6	19.682	19.397
2)	SA Decachlor...	11.429	9.600	726.9E6	266.4E6	34.039	35.625
Target Compounds							
3)	L1 AR-1016-1	6.559	5.511	17496402	7130298	20.062	25.293 #
4)	L1 AR-1016-2	6.583	5.532	30236875	11245871	23.749	28.323
5)	L1 AR-1016-3	6.651	5.724	22998402	5201002	30.147	25.426
6)	L1 AR-1016-4	6.758	5.774	15205140	1942653	23.535	12.207 #
7)	L1 AR-1016-5	7.072	6.005	9648311	1620665	15.624	8.024 #
8)	L2 AR-1221-1	5.485	4.509	102.7E6	31735840	414.559	409.281
9)	L2 AR-1221-2	5.584	4.608	69337834	22179424	408.326	410.257
10)	L2 AR-1221-3	5.673	4.698	239.0E6	76461948	413.240	412.374
11)	L3 AR-1232-1	5.673	4.698	239.0E6	76461948	491.435	485.487
12)	L3 AR-1232-2	6.264	5.532	19331366	11245871	72.869	65.783
13)	L3 AR-1232-3	6.583	5.724	30236875	5201002	55.443	59.909
14)	L3 AR-1232-4	6.758	5.819	15205140	2127352	56.646	28.841 #
15)	L3 AR-1232-5	6.852	6.005	6828096	1620665	35.260	21.084 #
16)	L4 AR-1242-1	6.559	5.511	17496402	7130298	25.481	31.933 #
17)	L4 AR-1242-2	6.583	5.532	30236875	11245871	30.112	35.949
18)	L4 AR-1242-3	6.651	5.724	22998402	5201002	38.053	32.077
19)	L4 AR-1242-4	6.758	5.819	15205140	2127352	30.043	13.846 #
20)	L4 AR-1242-5	7.540	6.384	6607834	2161508	11.753	10.270
21)	L5 AR-1248-1	6.559	5.511	17496402	7130298	33.222	41.710 #
22)	L5 AR-1248-2	6.852	5.774	6828096	1942653	9.229	8.516
23)	L5 AR-1248-3	7.072	5.819	9648311	2127352	11.234	9.012
24)	L5 AR-1248-4	7.500	6.005	6604810	1620665	6.529	5.783
25)	L5 AR-1248-5	7.540	6.427	6607834	2219608	6.666	7.272
26)	L6 AR-1254-1	7.472	6.384	7779247	2161508	7.982	4.775 #
27)	L6 AR-1254-2	7.706	6.608f	5184503	1062638	3.418	2.725
28)	L6 AR-1254-3	8.081	0.000	2421283	0	1.444	N.D. #
29)	L6 AR-1254-4	0.000	7.199	0	342235	N.D.	0.812 #
30)	L6 AR-1254-5	8.810	0.000	1736087	0	1.316	N.D. #
31)	L7 AR-1260-1	0.000	7.090	0	1362379	N.D.	3.409 #
32)	L7 AR-1260-2	8.516	0.000	2934405	0	2.169	N.D. #
33)	L7 AR-1260-3	8.810f	0.000	1736087	0	1.753	N.D. #
35)	L7 AR-1260-5	0.000	8.179	0	82843	N.D.	0.081 #
36)	L8 AR-1262-1	8.810f	0.000	1736087	0	1.127	N.D. #
37)	L8 AR-1262-2	0.000	8.179	0	82843	N.D.	0.072 #
38)	L8 AR-1262-3	9.769	8.464	-318212	1292147	N.D.	2.918 #
39)	L8 AR-1262-4	0.000	8.526	0	1244324	N.D.	1.462 #
41)	L9 AR-1268-1	9.769	8.464	-318212	1292147	N.D.	0.958 #
42)	L9 AR-1268-2	0.000	8.526	0	1244324	N.D.	0.990 #
43)	L9 AR-1268-3	0.000	8.798f	0	1967388	N.D.	1.862 #
45)	L9 AR-1268-5	11.066	9.337	4750847	1980542	0.520	0.583

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012521\
Data File : PQ051864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2021 09:59
Operator : DD\AJ
Sample : AR1221CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

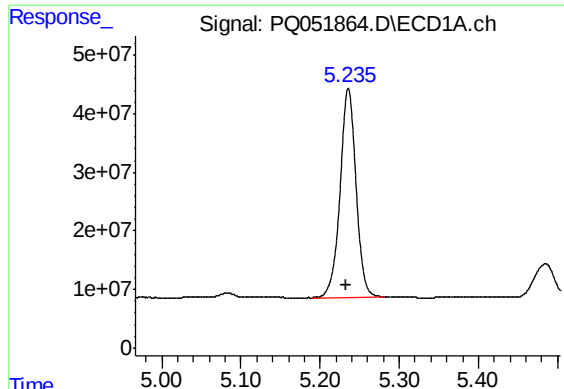
Instrument :
ECD_Q
ClientSampleId :
AR12213004

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 22:06:23 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012221CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 23 09:02:46 2021
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

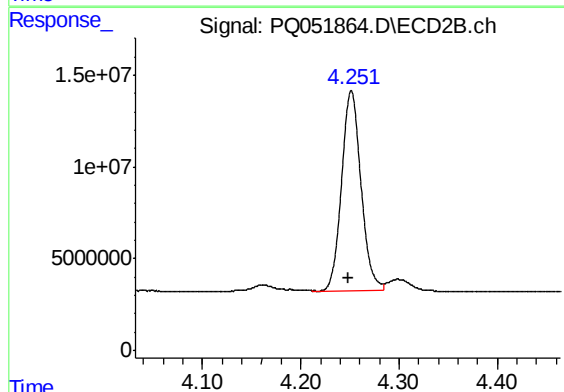
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

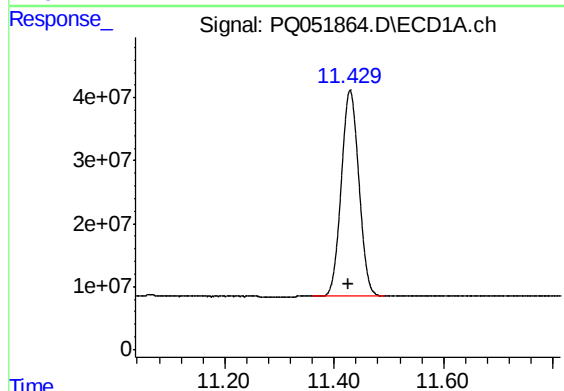
R.T.: 5.236 min
Delta R.T.: 0.004 min
Response: 500232029
Conc: 19.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



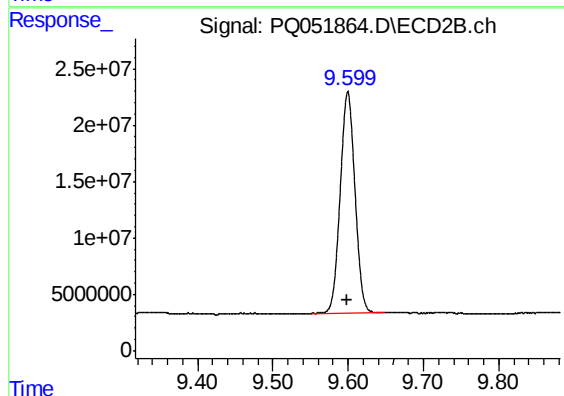
#1 Tetrachloro-m-xylene

R.T.: 4.251 min
Delta R.T.: 0.002 min
Response: 149912289
Conc: 19.40 ng/ml



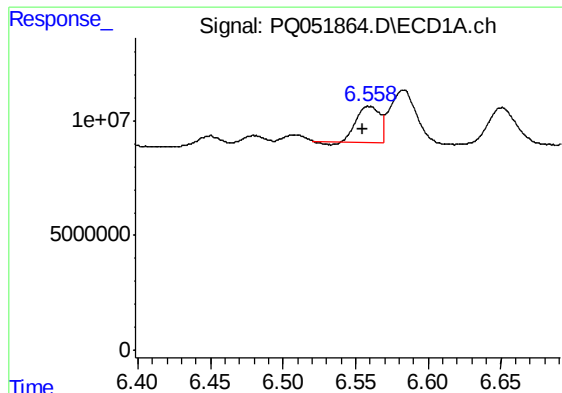
#2 Decachlorobiphenyl

R.T.: 11.429 min
Delta R.T.: 0.003 min
Response: 726896064
Conc: 34.04 ng/ml



#2 Decachlorobiphenyl

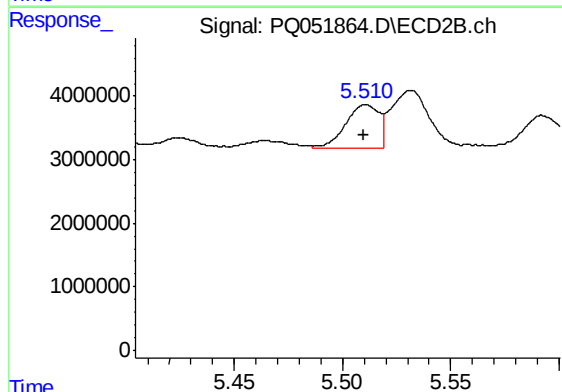
R.T.: 9.600 min
Delta R.T.: 0.001 min
Response: 266380702
Conc: 35.63 ng/ml



#3 AR-1016-1

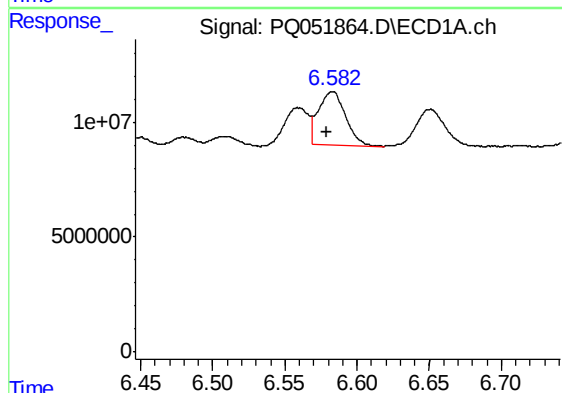
R.T.: 6.559 min
Delta R.T.: 0.004 min
Response: 17496402
Conc: 20.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



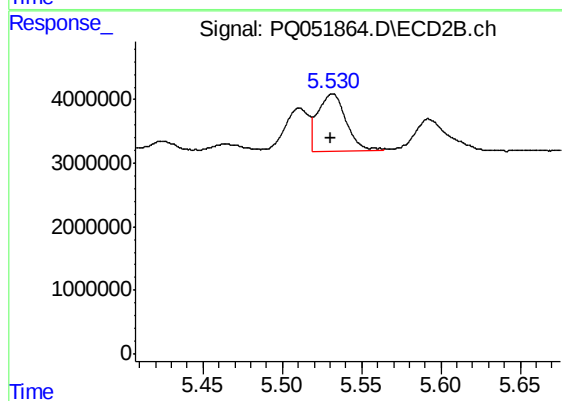
#3 AR-1016-1

R.T.: 5.511 min
Delta R.T.: 0.001 min
Response: 7130298
Conc: 25.29 ng/ml



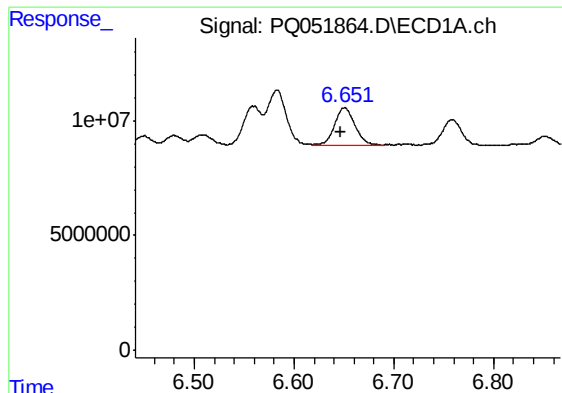
#4 AR-1016-2

R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 30236875
Conc: 23.75 ng/ml



#4 AR-1016-2

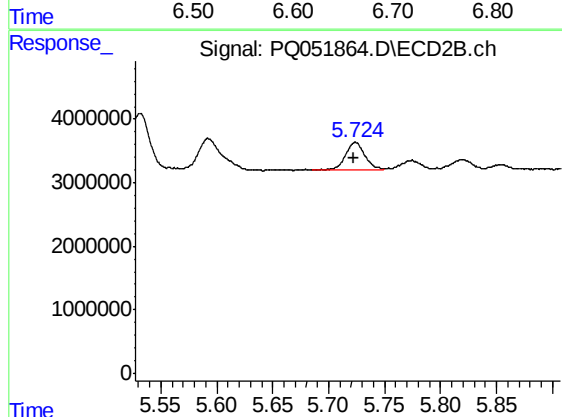
R.T.: 5.532 min
Delta R.T.: 0.001 min
Response: 11245871
Conc: 28.32 ng/ml



#5 AR-1016-3

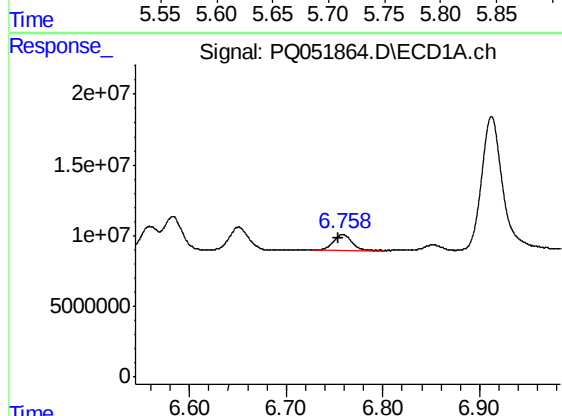
R.T.: 6.651 min
Delta R.T.: 0.004 min
Response: 22998402
Conc: 30.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



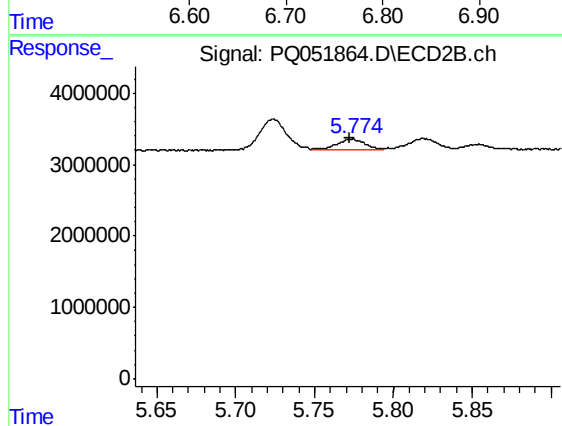
#5 AR-1016-3

R.T.: 5.724 min
Delta R.T.: 0.001 min
Response: 5201002
Conc: 25.43 ng/ml



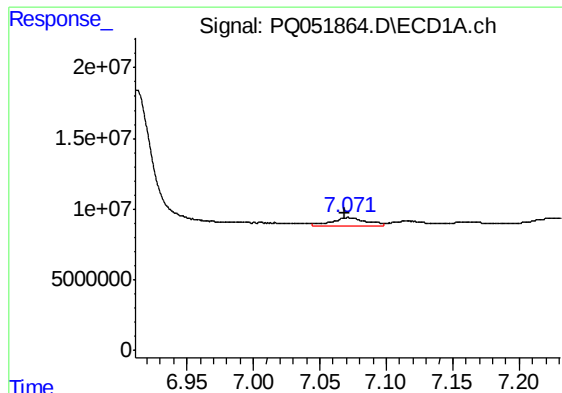
#6 AR-1016-4

R.T.: 6.758 min
Delta R.T.: 0.004 min
Response: 15205140
Conc: 23.53 ng/ml



#6 AR-1016-4

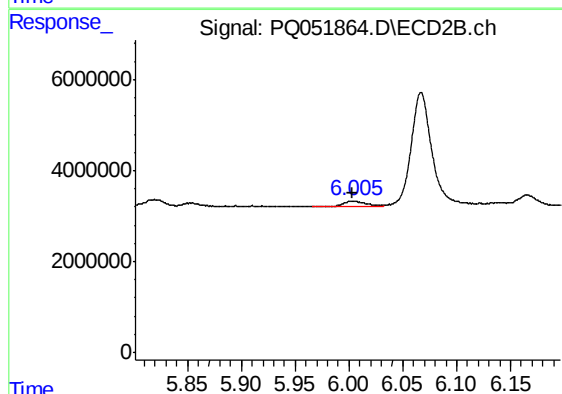
R.T.: 5.774 min
Delta R.T.: 0.001 min
Response: 1942653
Conc: 12.21 ng/ml



#7 AR-1016-5

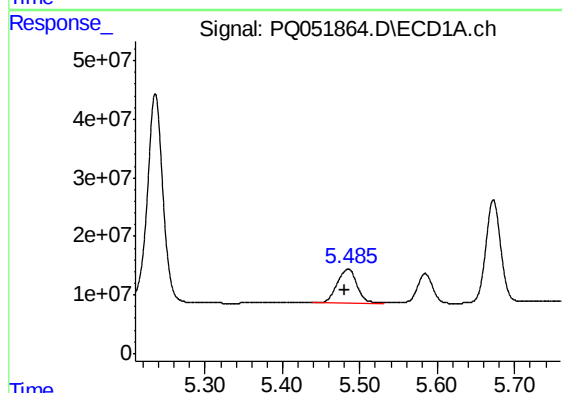
R.T.: 7.072 min
Delta R.T.: 0.003 min
Response: 9648311
Conc: 15.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



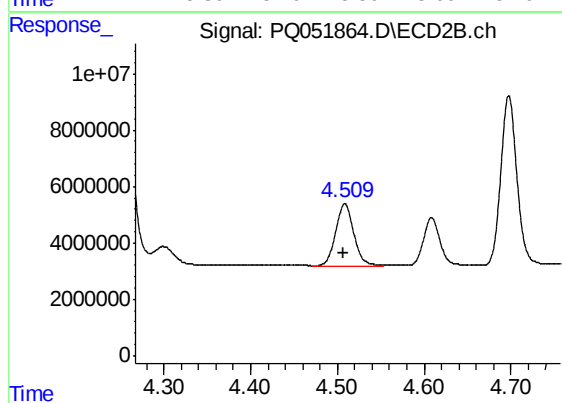
#7 AR-1016-5

R.T.: 6.005 min
Delta R.T.: 0.001 min
Response: 1620665
Conc: 8.02 ng/ml



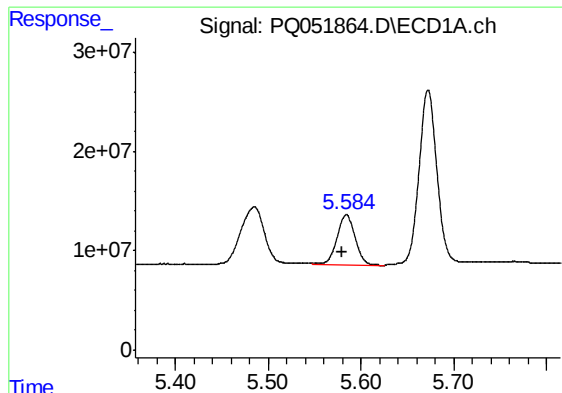
#8 AR-1221-1

R.T.: 5.485 min
Delta R.T.: 0.006 min
Response: 102703981
Conc: 414.56 ng/ml



#8 AR-1221-1

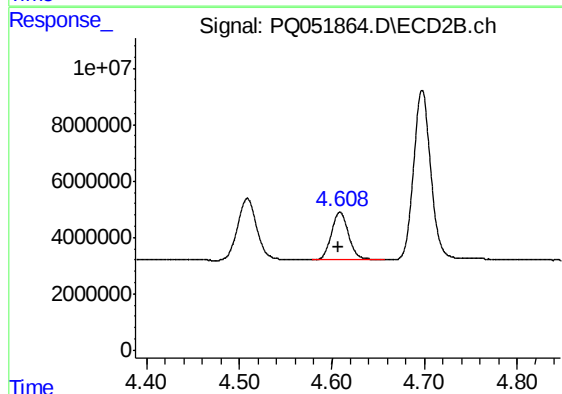
R.T.: 4.509 min
Delta R.T.: 0.002 min
Response: 31735840
Conc: 409.28 ng/ml



#9 AR-1221-2

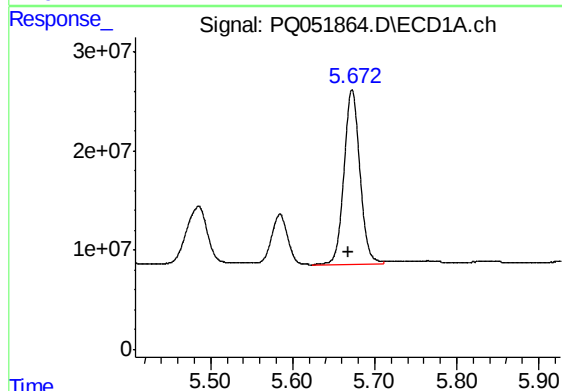
R.T.: 5.584 min
Delta R.T.: 0.005 min
Response: 69337834
Conc: 408.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



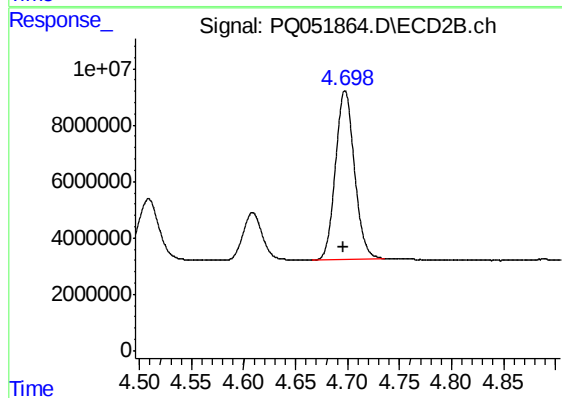
#9 AR-1221-2

R.T.: 4.608 min
Delta R.T.: 0.002 min
Response: 22179424
Conc: 410.26 ng/ml



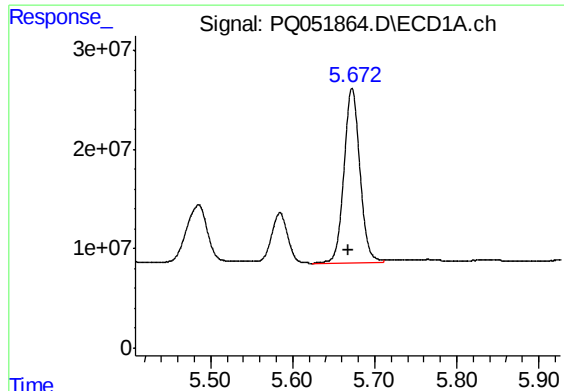
#10 AR-1221-3

R.T.: 5.673 min
Delta R.T.: 0.004 min
Response: 238971479
Conc: 413.24 ng/ml



#10 AR-1221-3

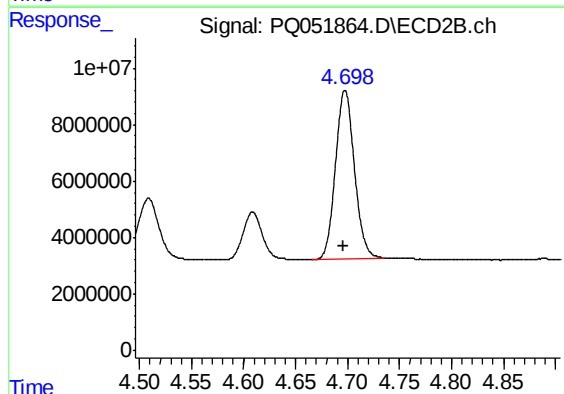
R.T.: 4.698 min
Delta R.T.: 0.002 min
Response: 76461948
Conc: 412.37 ng/ml



#11 AR-1232-1

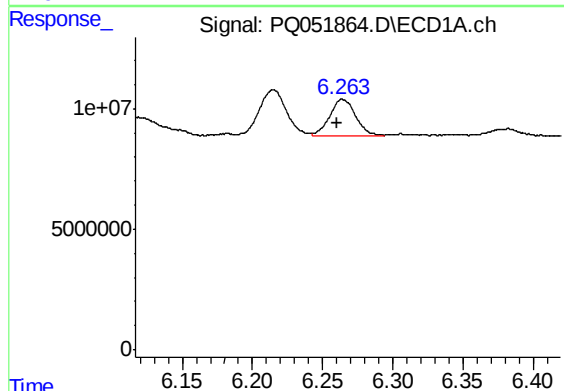
R.T.: 5.673 min
Delta R.T.: 0.005 min
Response: 238971479
Conc: 491.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



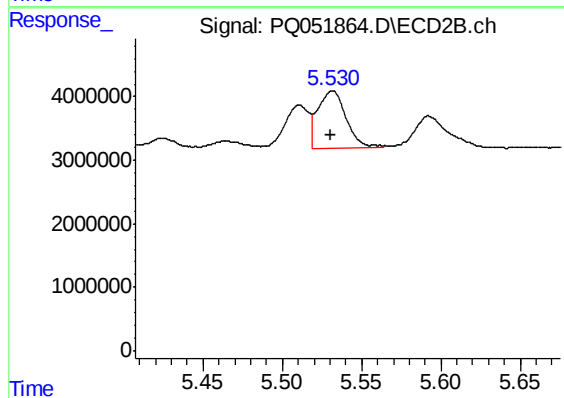
#11 AR-1232-1

R.T.: 4.698 min
Delta R.T.: 0.002 min
Response: 76461948
Conc: 485.49 ng/ml



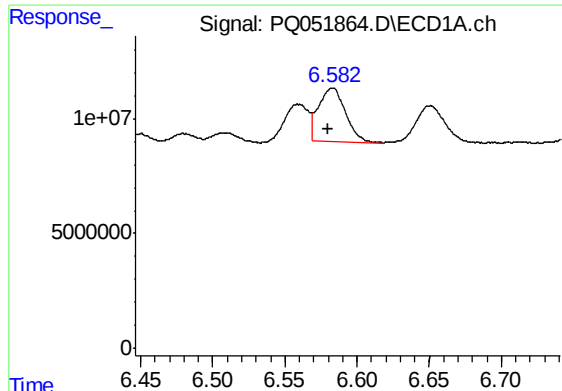
#12 AR-1232-2

R.T.: 6.264 min
Delta R.T.: 0.004 min
Response: 19331366
Conc: 72.87 ng/ml



#12 AR-1232-2

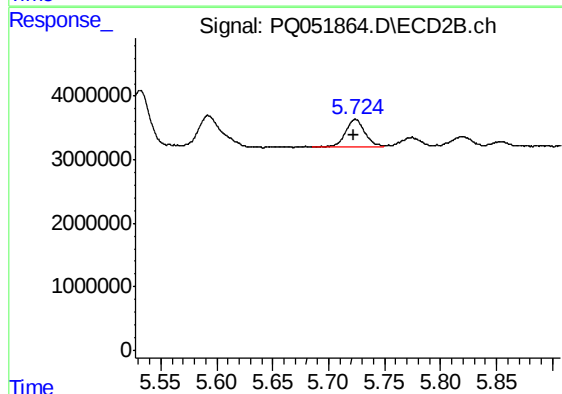
R.T.: 5.532 min
Delta R.T.: 0.002 min
Response: 11245871
Conc: 65.78 ng/ml



#13 AR-1232-3

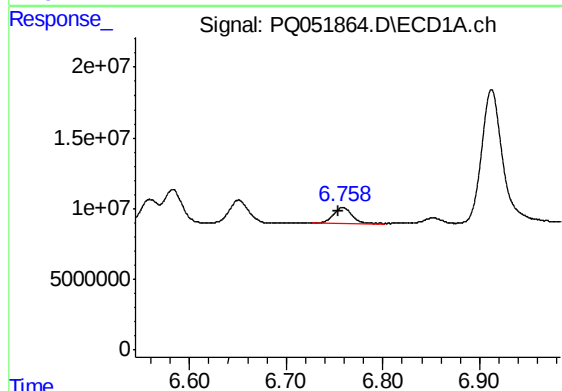
R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 30236875
Conc: 55.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



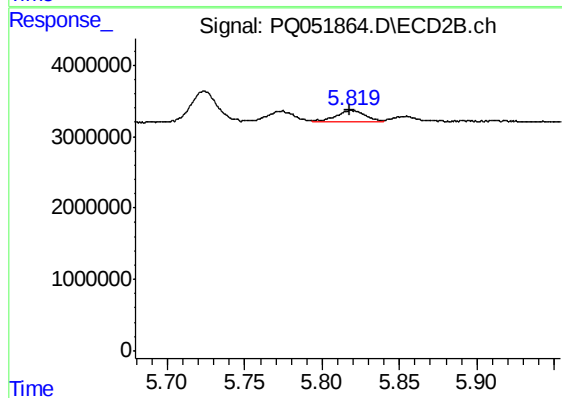
#13 AR-1232-3

R.T.: 5.724 min
Delta R.T.: 0.001 min
Response: 5201002
Conc: 59.91 ng/ml



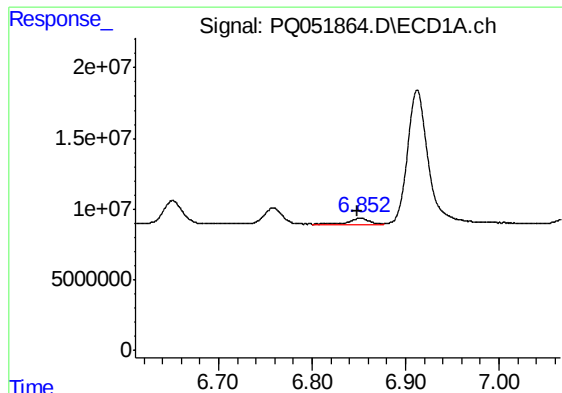
#14 AR-1232-4

R.T.: 6.758 min
Delta R.T.: 0.004 min
Response: 15205140
Conc: 56.65 ng/ml



#14 AR-1232-4

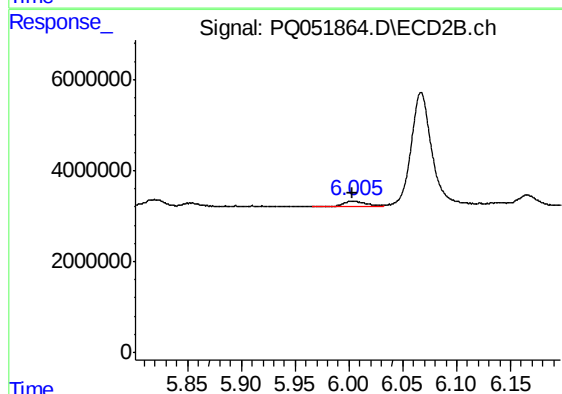
R.T.: 5.819 min
Delta R.T.: 0.001 min
Response: 2127352
Conc: 28.84 ng/ml



#15 AR-1232-5

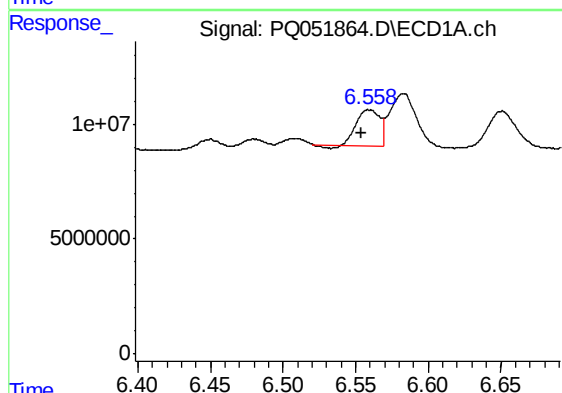
R.T.: 6.852 min
Delta R.T.: 0.003 min
Response: 6828096
Conc: 35.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



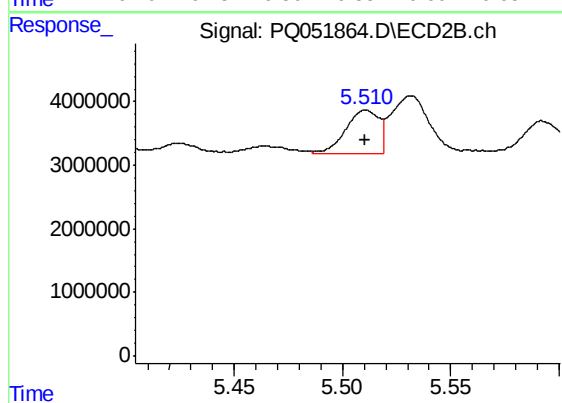
#15 AR-1232-5

R.T.: 6.005 min
Delta R.T.: 0.001 min
Response: 1620665
Conc: 21.08 ng/ml



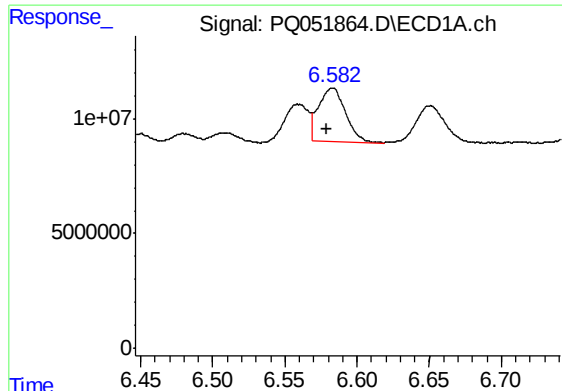
#16 AR-1242-1

R.T.: 6.559 min
Delta R.T.: 0.005 min
Response: 17496402
Conc: 25.48 ng/ml



#16 AR-1242-1

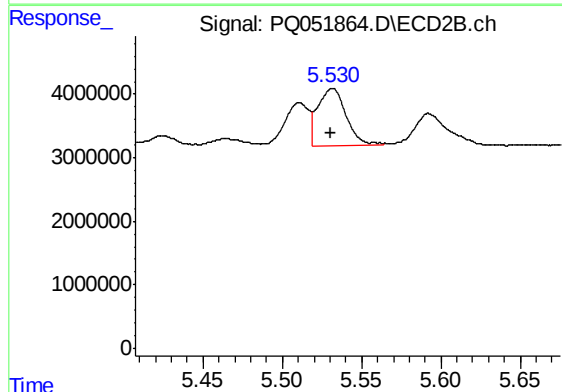
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 7130298
Conc: 31.93 ng/ml



#17 AR-1242-2

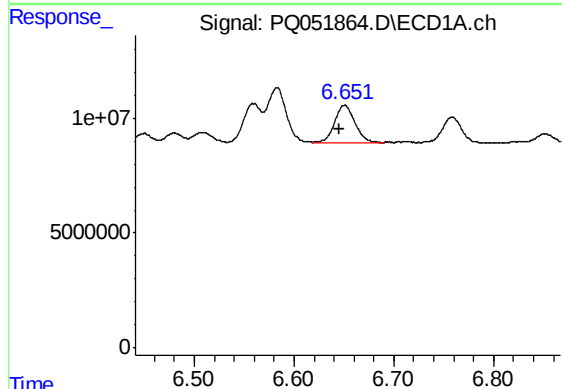
R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 30236875
Conc: 30.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



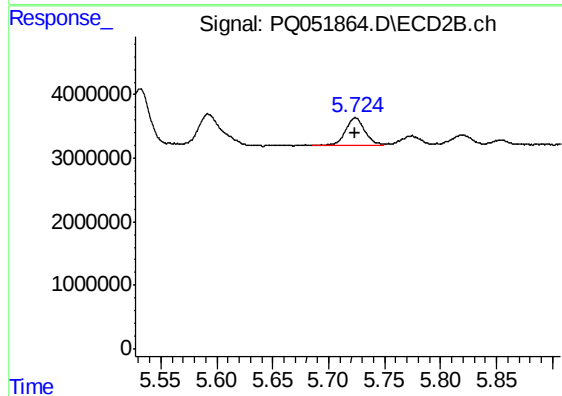
#17 AR-1242-2

R.T.: 5.532 min
Delta R.T.: 0.001 min
Response: 11245871
Conc: 35.95 ng/ml



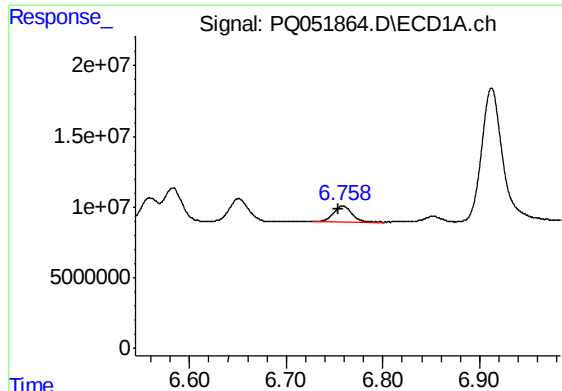
#18 AR-1242-3

R.T.: 6.651 min
Delta R.T.: 0.005 min
Response: 22998402
Conc: 38.05 ng/ml



#18 AR-1242-3

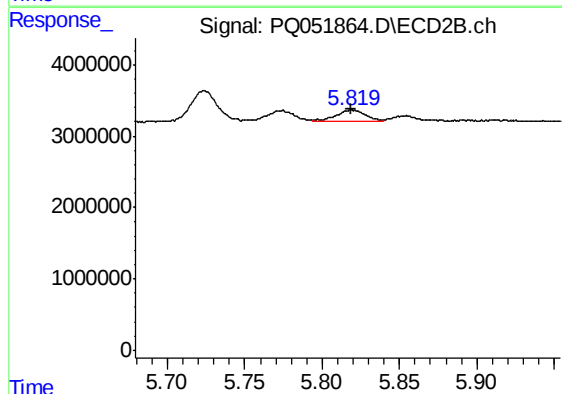
R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 5201002
Conc: 32.08 ng/ml



#19 AR-1242-4

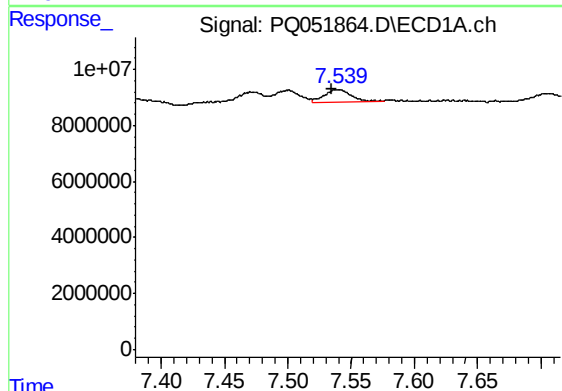
R.T.: 6.758 min
Delta R.T.: 0.004 min
Response: 15205140
Conc: 30.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



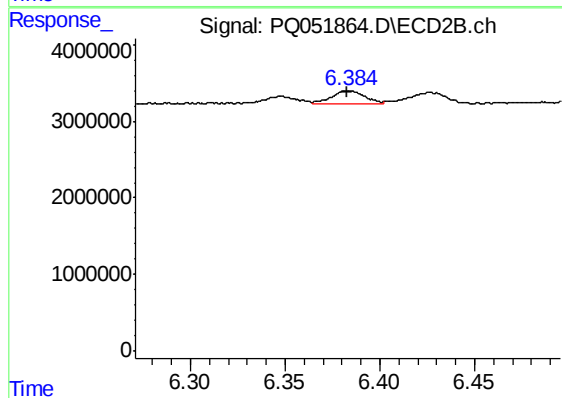
#19 AR-1242-4

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 2127352
Conc: 13.85 ng/ml



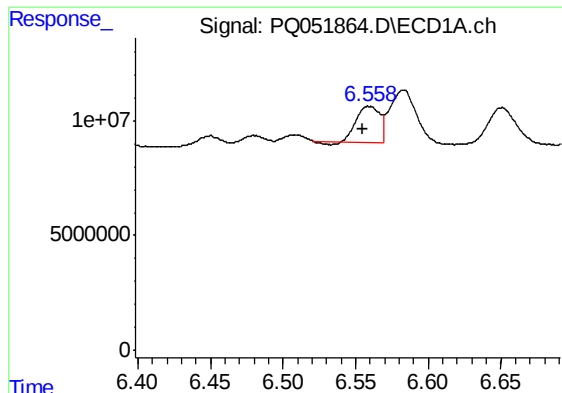
#20 AR-1242-5

R.T.: 7.540 min
Delta R.T.: 0.004 min
Response: 6607834
Conc: 11.75 ng/ml



#20 AR-1242-5

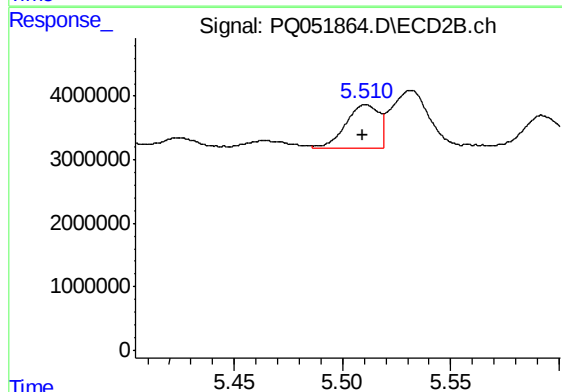
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 2161508
Conc: 10.27 ng/ml



#21 AR-1248-1

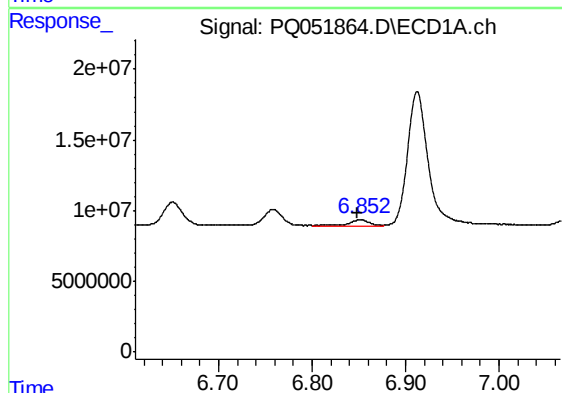
R.T.: 6.559 min
Delta R.T.: 0.004 min
Response: 17496402
Conc: 33.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



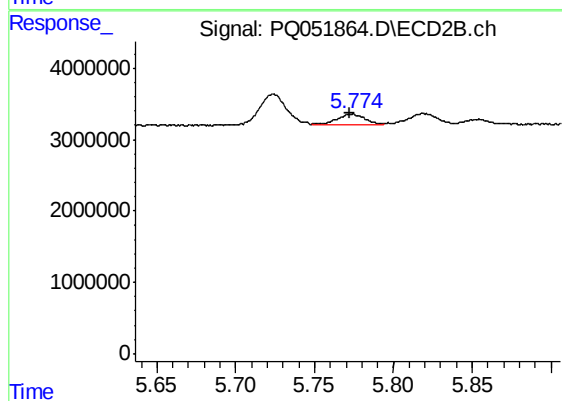
#21 AR-1248-1

R.T.: 5.511 min
Delta R.T.: 0.001 min
Response: 7130298
Conc: 41.71 ng/ml



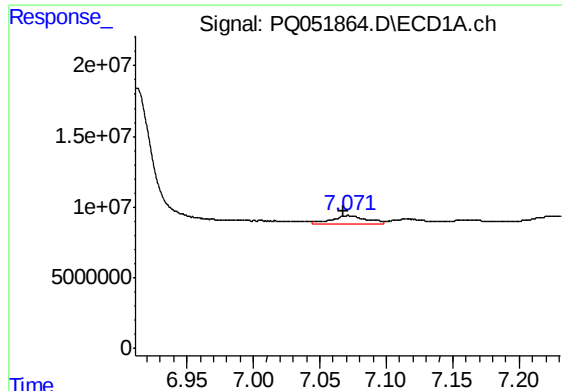
#22 AR-1248-2

R.T.: 6.852 min
Delta R.T.: 0.003 min
Response: 6828096
Conc: 9.23 ng/ml



#22 AR-1248-2

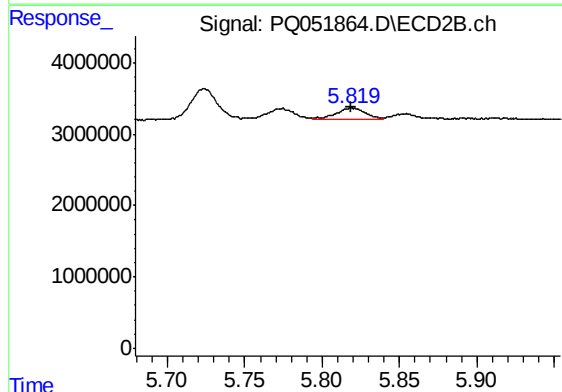
R.T.: 5.774 min
Delta R.T.: 0.001 min
Response: 1942653
Conc: 8.52 ng/ml



#23 AR-1248-3

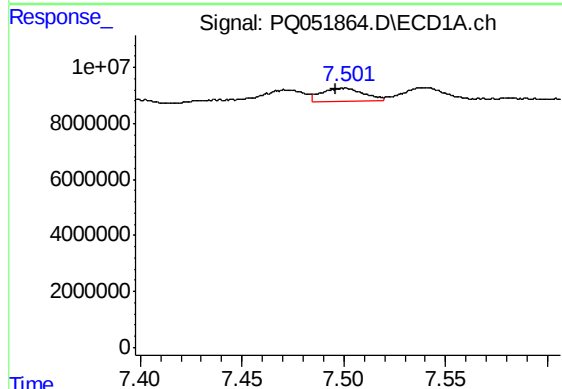
R.T.: 7.072 min
Delta R.T.: 0.003 min
Response: 9648311
Conc: 11.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



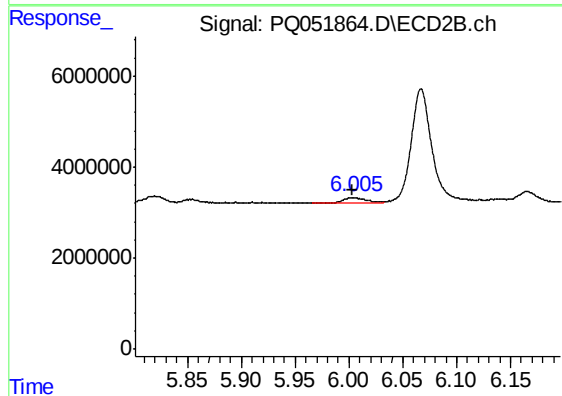
#23 AR-1248-3

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 2127352
Conc: 9.01 ng/ml



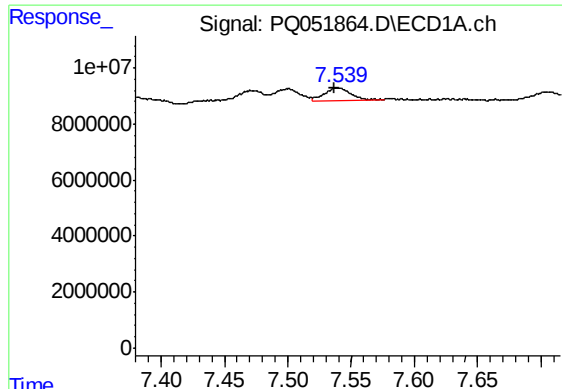
#24 AR-1248-4

R.T.: 7.500 min
Delta R.T.: 0.004 min
Response: 6604810
Conc: 6.53 ng/ml



#24 AR-1248-4

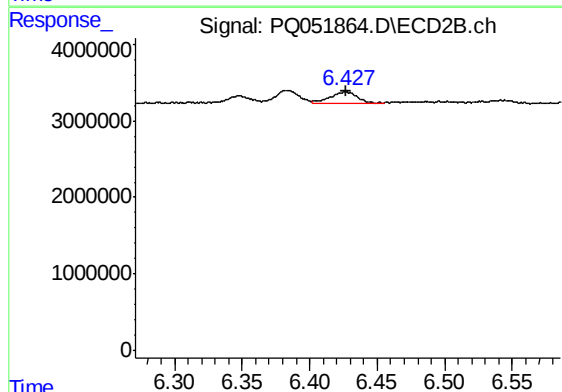
R.T.: 6.005 min
Delta R.T.: 0.000 min
Response: 1620665
Conc: 5.78 ng/ml



#25 AR-1248-5

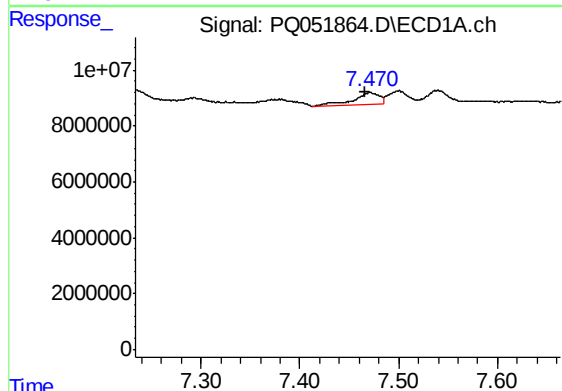
R.T.: 7.540 min
Delta R.T.: 0.003 min
Response: 6607834
Conc: 6.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



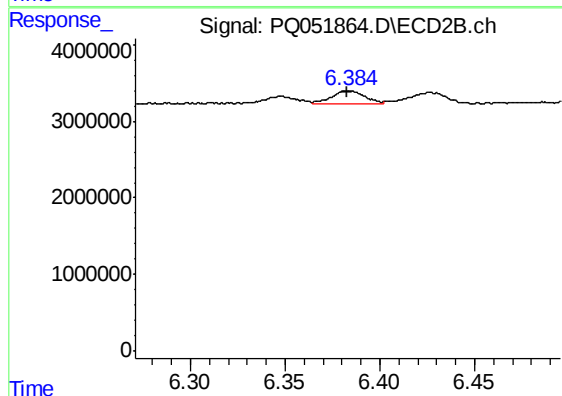
#25 AR-1248-5

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 2219608
Conc: 7.27 ng/ml



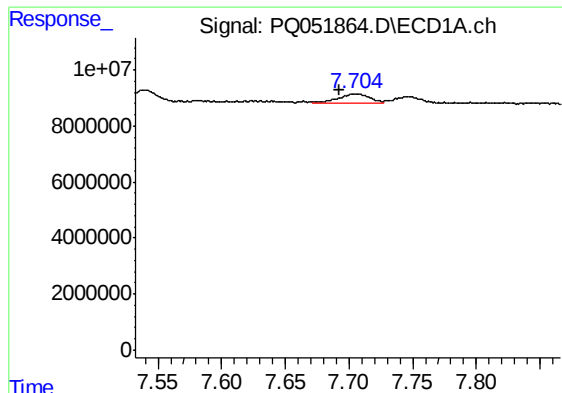
#26 AR-1254-1

R.T.: 7.472 min
Delta R.T.: 0.006 min
Response: 7779247
Conc: 7.98 ng/ml



#26 AR-1254-1

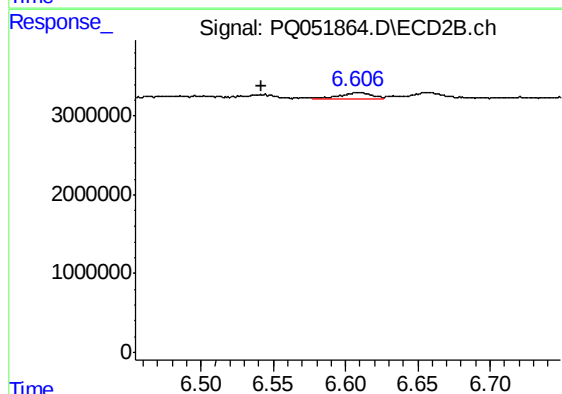
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 2161508
Conc: 4.78 ng/ml



#27 AR-1254-2

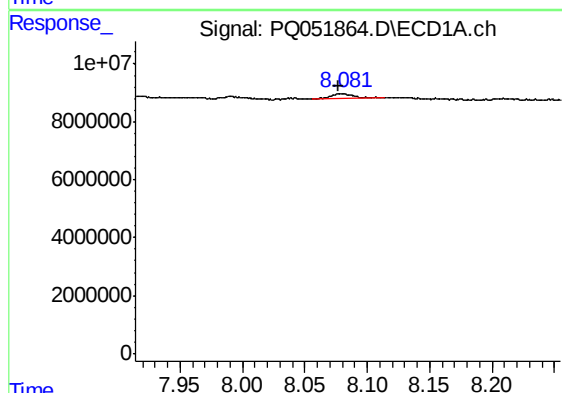
R.T.: 7.706 min
Delta R.T.: 0.013 min
Response: 5184503
Conc: 3.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



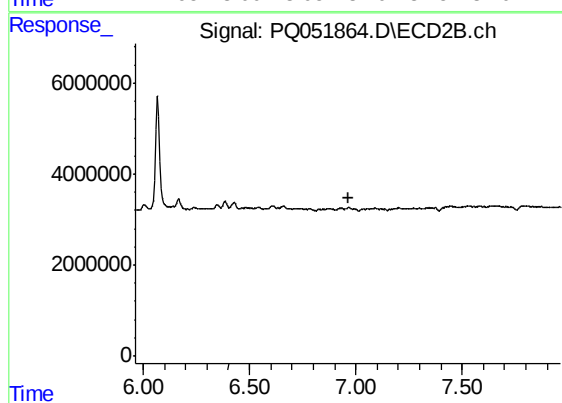
#27 AR-1254-2

R.T.: 6.608 min
Delta R.T.: 0.066 min
Response: 1062638
Conc: 2.72 ng/ml



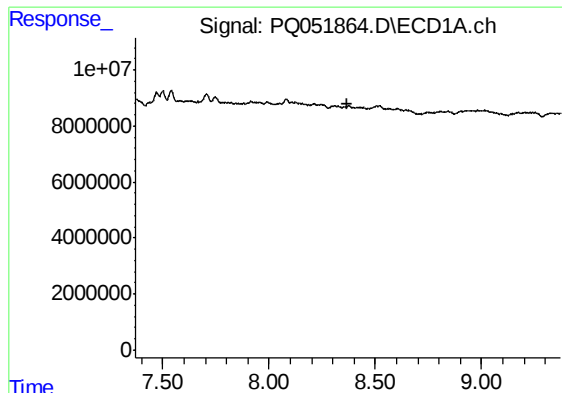
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: 0.004 min
Response: 2421283
Conc: 1.44 ng/ml



#28 AR-1254-3

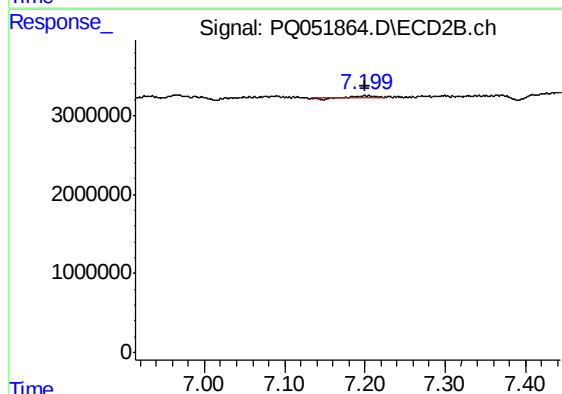
R.T.: 0.000 min
Exp R.T. : 6.963 min
Response: 0
Conc: N.D.



#29 AR-1254-4

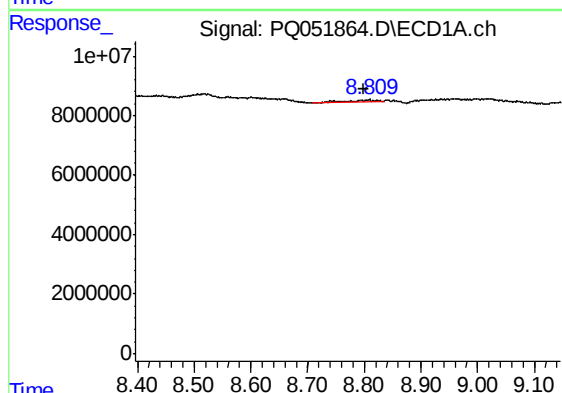
R.T.: 0.000 min
Exp R.T. : 8.371 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12213004



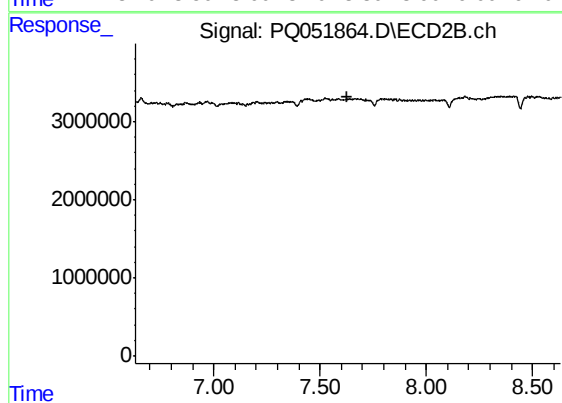
#29 AR-1254-4

R.T.: 7.199 min
Delta R.T.: -0.001 min
Response: 342235
Conc: 0.81 ng/ml



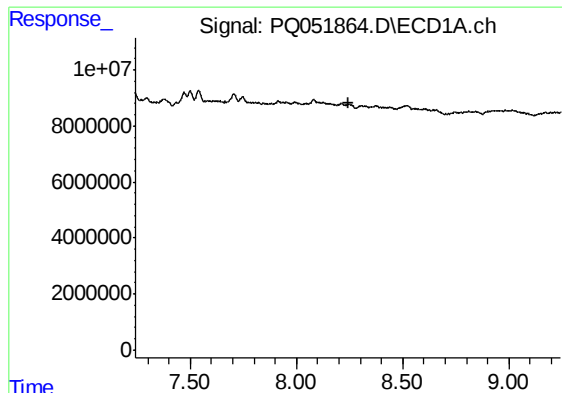
#30 AR-1254-5

R.T.: 8.810 min
Delta R.T.: 0.009 min
Response: 1736087
Conc: 1.32 ng/ml



#30 AR-1254-5

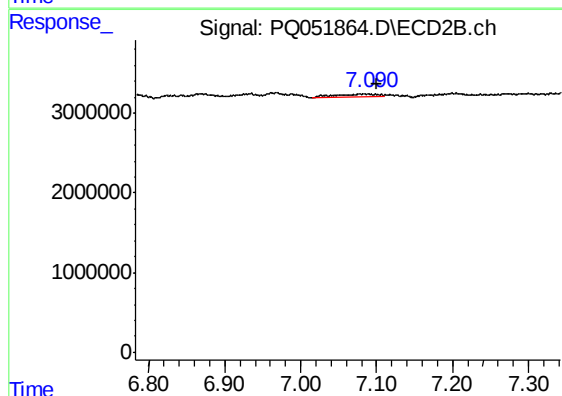
R.T.: 0.000 min
Exp R.T. : 7.631 min
Response: 0
Conc: N.D.



#31 AR-1260-1

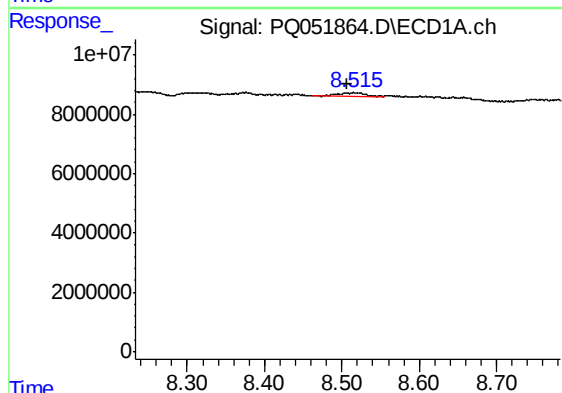
R.T.: 0.000 min
Exp R.T. : 8.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12213004



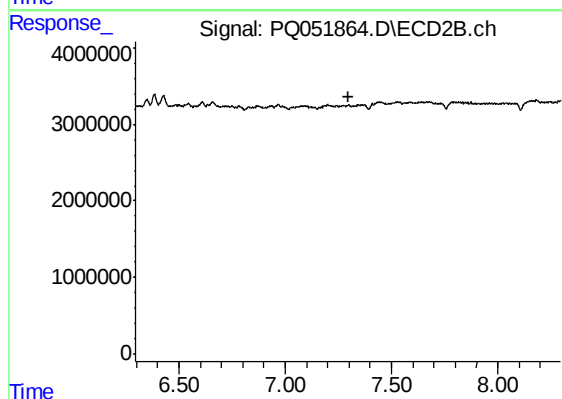
#31 AR-1260-1

R.T.: 7.090 min
Delta R.T.: -0.009 min
Response: 1362379
Conc: 3.41 ng/ml



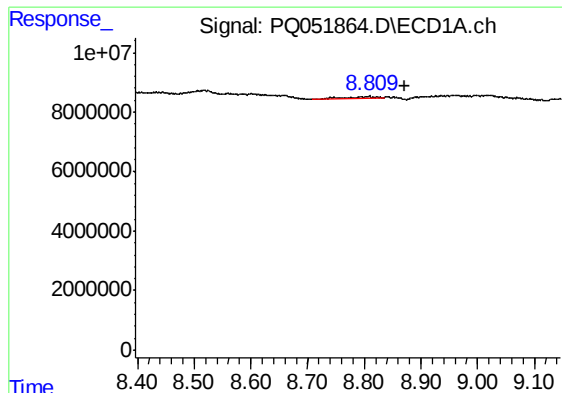
#32 AR-1260-2

R.T.: 8.516 min
Delta R.T.: 0.009 min
Response: 2934405
Conc: 2.17 ng/ml



#32 AR-1260-2

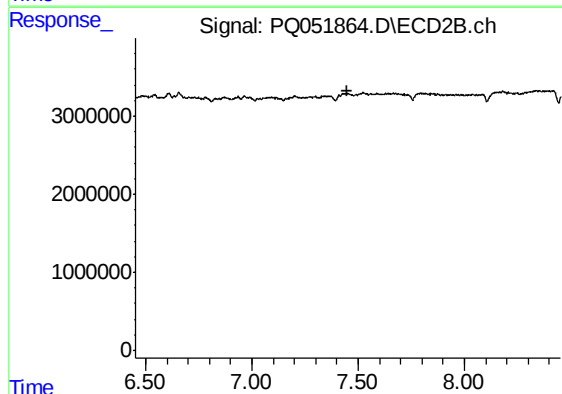
R.T.: 0.000 min
Exp R.T. : 7.295 min
Response: 0
Conc: N.D.



#33 AR-1260-3

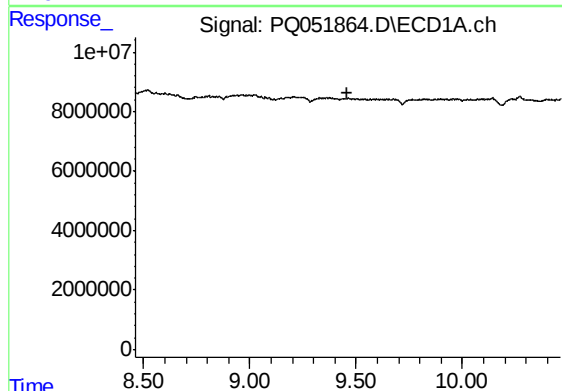
R.T.: 8.810 min
Delta R.T.: -0.063 min
Response: 1736087
Conc: 1.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



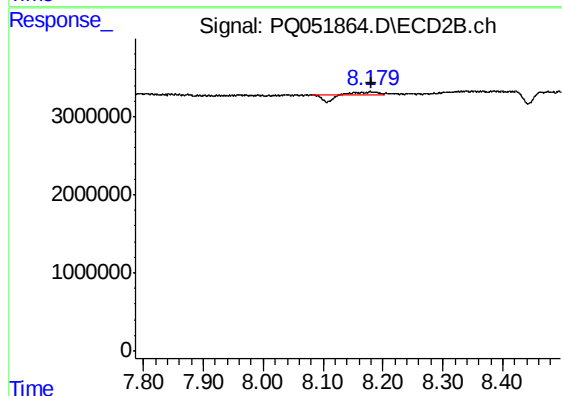
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.452 min
Response: 0
Conc: N.D.



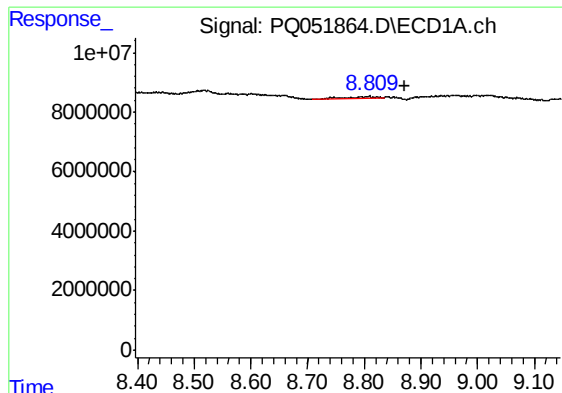
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.461 min
Response: 0
Conc: N.D.



#35 AR-1260-5

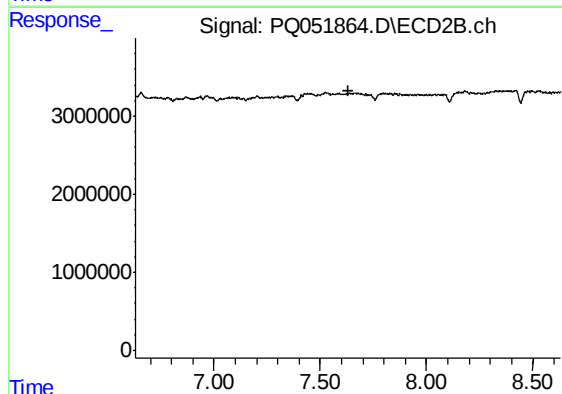
R.T.: 8.179 min
Delta R.T.: -0.002 min
Response: 82843
Conc: 0.08 ng/ml



#36 AR-1262-1

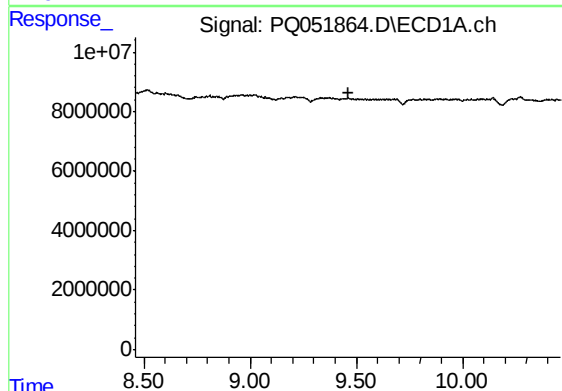
R.T.: 8.810 min
Delta R.T.: -0.063 min
Response: 1736087
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12213004



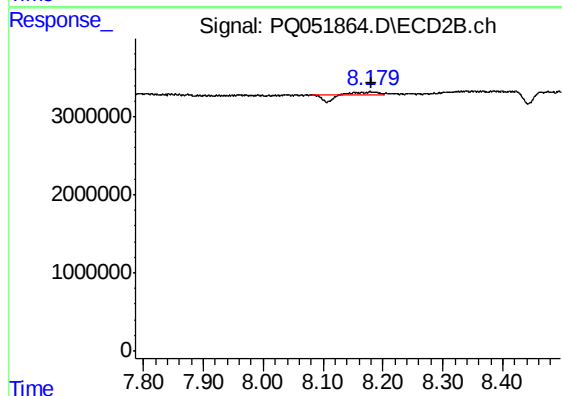
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.630 min
Response: 0
Conc: N.D.



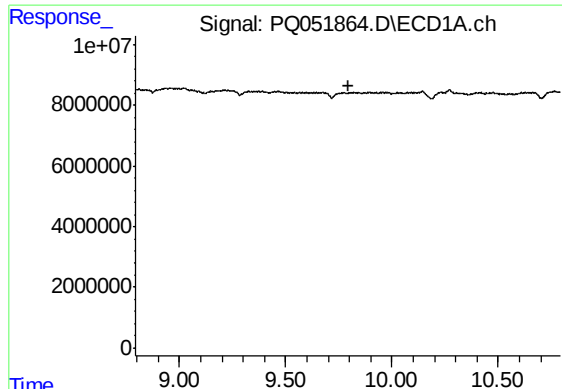
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.460 min
Response: 0
Conc: N.D.



#37 AR-1262-2

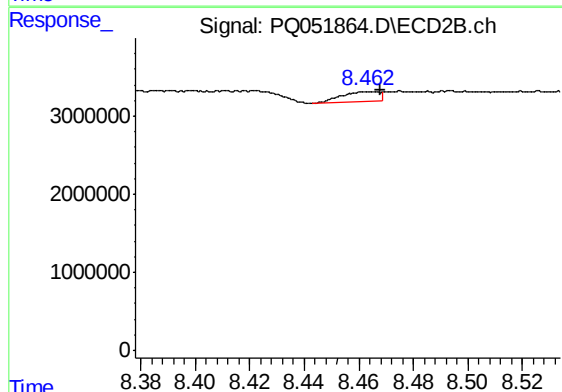
R.T.: 8.179 min
Delta R.T.: -0.002 min
Response: 82843
Conc: 0.07 ng/ml



#38 AR-1262-3

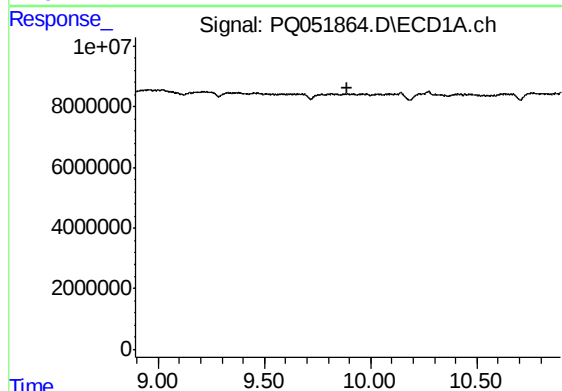
R.T.: 9.769 min
Delta R.T.: -0.024 min
Response: -318212
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12213004



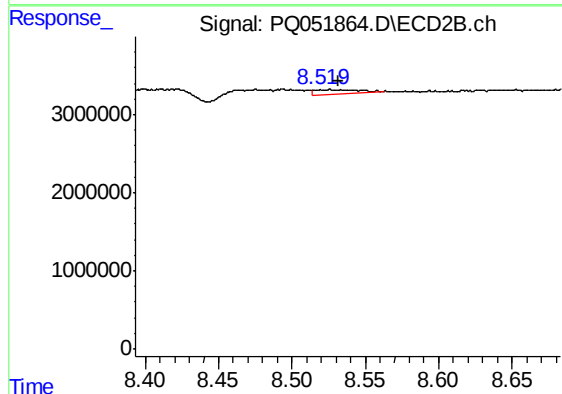
#38 AR-1262-3

R.T.: 8.464 min
Delta R.T.: -0.004 min
Response: 1292147
Conc: 2.92 ng/ml



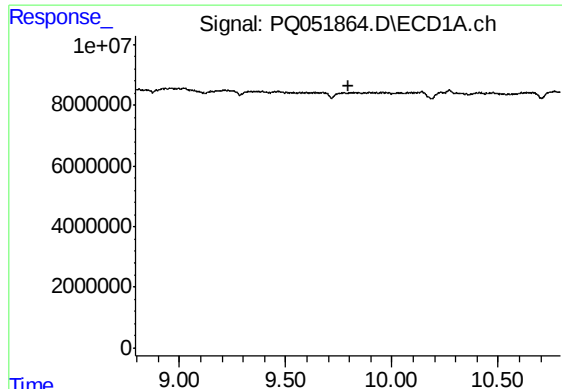
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.892 min
Response: 0
Conc: N.D.



#39 AR-1262-4

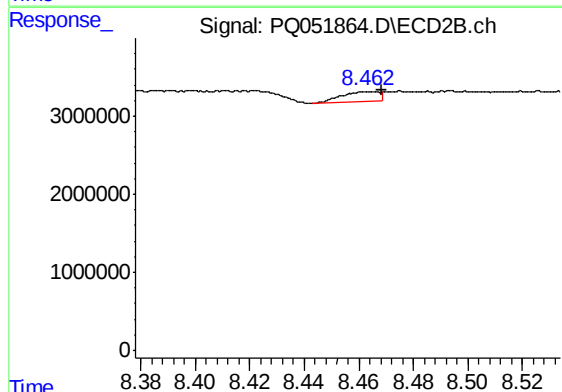
R.T.: 8.526 min
Delta R.T.: -0.006 min
Response: 1244324
Conc: 1.46 ng/ml



#41 AR-1268-1

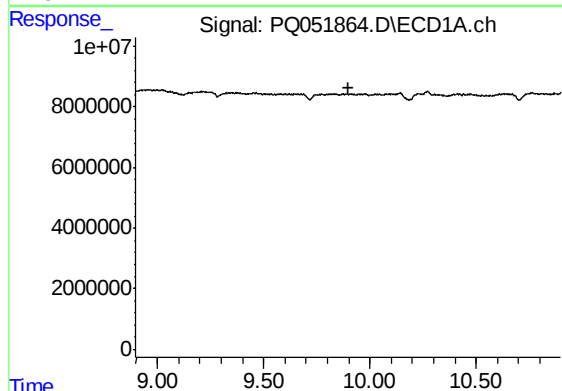
R.T.: 9.769 min
Delta R.T.: -0.024 min
Response: -318212
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12213004



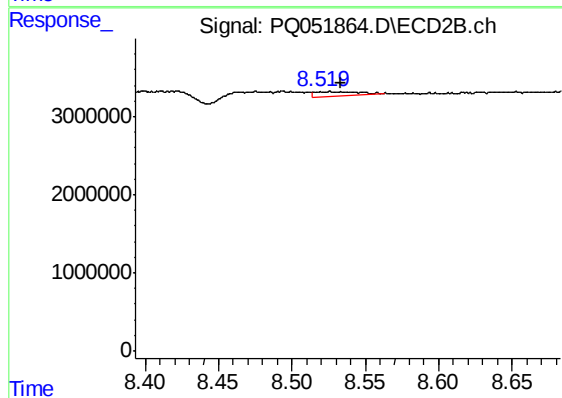
#41 AR-1268-1

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 1292147
Conc: 0.96 ng/ml



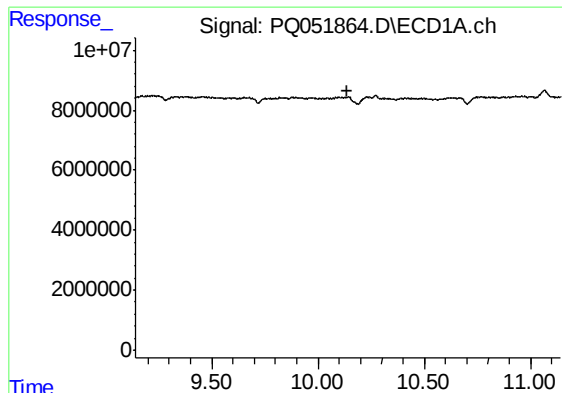
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.897 min
Response: 0
Conc: N.D.



#42 AR-1268-2

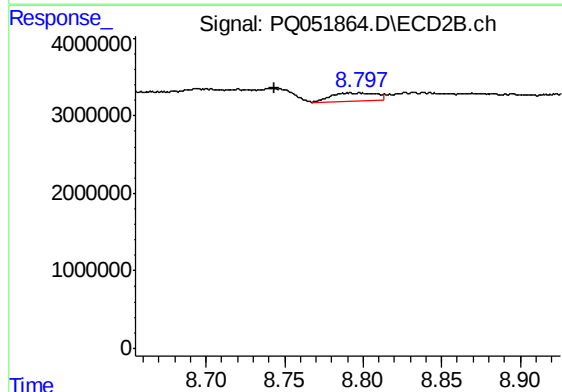
R.T.: 8.526 min
Delta R.T.: -0.008 min
Response: 1244324
Conc: 0.99 ng/ml



#43 AR-1268-3

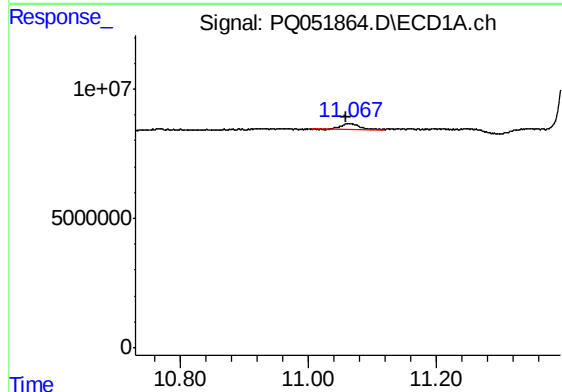
R.T.: 0.000 min
Exp R.T.: 10.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12213004



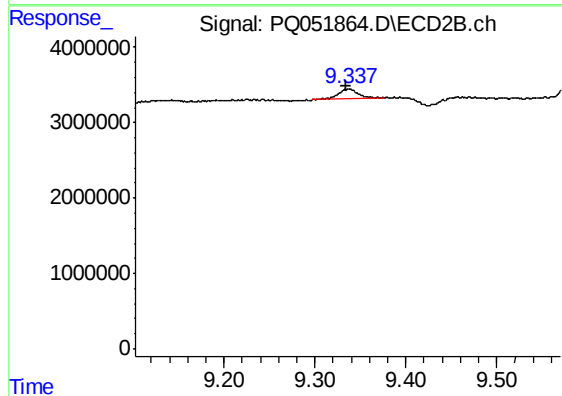
#43 AR-1268-3

R.T.: 8.798 min
Delta R.T.: 0.055 min
Response: 1967388
Conc: 1.86 ng/ml



#45 AR-1268-5

R.T.: 11.066 min
Delta R.T.: 0.008 min
Response: 4750847
Conc: 0.52 ng/ml



#45 AR-1268-5

R.T.: 9.337 min
Delta R.T.: 0.003 min
Response: 1980542
Conc: 0.58 ng/ml