

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 14:35
 Operator : AJ\MA
 Sample : M4068-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 22:57:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.245	4.320	288.1E6	167.8E6	16.385	16.316
2)	SA Decachlor...	11.439	9.728	290.3E6	151.7E6	18.408	16.938
Target Compounds							
3)	L1 AR-1016-1	0.000	5.593	0	419684	N.D.	1.171 #
4)	L1 AR-1016-2	0.000	5.615	0	1504304	N.D.	2.922 #
5)	L1 AR-1016-3	0.000	5.807	0	640665	N.D.	2.392 #
6)	L1 AR-1016-4	0.000	5.854	0	518478	N.D.	2.390 #
7)	L1 AR-1016-5	0.000	6.116f	0	836005	N.D.	3.054 #
8)	L2 AR-1221-1	5.497	4.581	17995647	3142812	86.326	29.138 #
9)	L2 AR-1221-2	5.595	4.681	9555302	4465961	54.608	57.629
10)	L2 AR-1221-3	5.682	4.772	19113010	7351151	42.499	28.545 #
11)	L3 AR-1232-1	5.682	4.772	19113010	7351151	50.340	33.824 #
12)	L3 AR-1232-2	0.000	5.615	0	1504304	N.D.	7.140 #
13)	L3 AR-1232-3	0.000	5.807	0	640665	N.D.	5.837 #
14)	L3 AR-1232-4	0.000	5.904	0	332976	N.D.	3.430 #
15)	L3 AR-1232-5	0.000	6.116f	0	836005	N.D.	8.111 #
16)	L4 AR-1242-1	0.000	5.593	0	419684	N.D.	1.575 #
17)	L4 AR-1242-2	0.000	5.615	0	1504304	N.D.	3.884 #
18)	L4 AR-1242-3	0.000	5.807	0	640665	N.D.	3.177 #
19)	L4 AR-1242-4	0.000	5.904	0	332976	N.D.	1.701 #
20)	L4 AR-1242-5	0.000	6.453f	0	5833499	N.D.	23.135 #
21)	L5 AR-1248-1	0.000	5.593	0	419684	N.D.	2.097 #
22)	L5 AR-1248-2	0.000	5.854	0	518478	N.D.	1.844 #
23)	L5 AR-1248-3	0.000	5.904	0	332976	N.D.	1.138 #
24)	L5 AR-1248-4	7.522	6.116f	1052321	836005	1.734	2.402 #
25)	L5 AR-1248-5	0.000	6.497f	0	4638554	N.D.	13.330 #
26)	L6 AR-1254-1	0.000	6.497f	0	4638554	N.D.	8.386 #
27)	L6 AR-1254-2	0.000	6.664f	0	1282428	N.D.	2.710 #
28)	L6 AR-1254-3	8.114f	7.050	3805461	3774424	3.739	4.808 #
29)	L6 AR-1254-4	0.000	7.296	0	3969921	N.D.	8.320 #
30)	L6 AR-1254-5	0.000	7.736	0	296323	N.D.	0.443 #
31)	L7 AR-1260-1	0.000	7.189	0	3752168	N.D.	7.486 #
32)	L7 AR-1260-2	8.532	0.000	13182840	0	15.886	N.D. #
33)	L7 AR-1260-3	0.000	7.562	0	569203	N.D.	0.997 #
34)	L7 AR-1260-4	0.000	8.019f	0	1168847	N.D.	2.467 #
35)	L7 AR-1260-5	0.000	8.279	0	868422	N.D.	0.752 #
36)	L8 AR-1262-1	0.000	7.723	0	556633	N.D.	1.637 #
37)	L8 AR-1262-2	0.000	8.279	0	868422	N.D.	0.705 #
38)	L8 AR-1262-3	0.000	8.594f	0	14943619	N.D.	32.331 #
40)	L8 AR-1262-5	0.000	9.154	0	1786415	N.D.	4.448 #
41)	L9 AR-1268-1	0.000	8.594f	0	14943619	N.D.	10.562 #
43)	L9 AR-1268-3	0.000	8.844	0	5262853	N.D.	4.811 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 22:57:44 2021
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	9.154	0	1786415	N.D.	3.954 #
45) L9	AR-1268-5	0.000	9.456	0	848366	N.D.	0.240 #

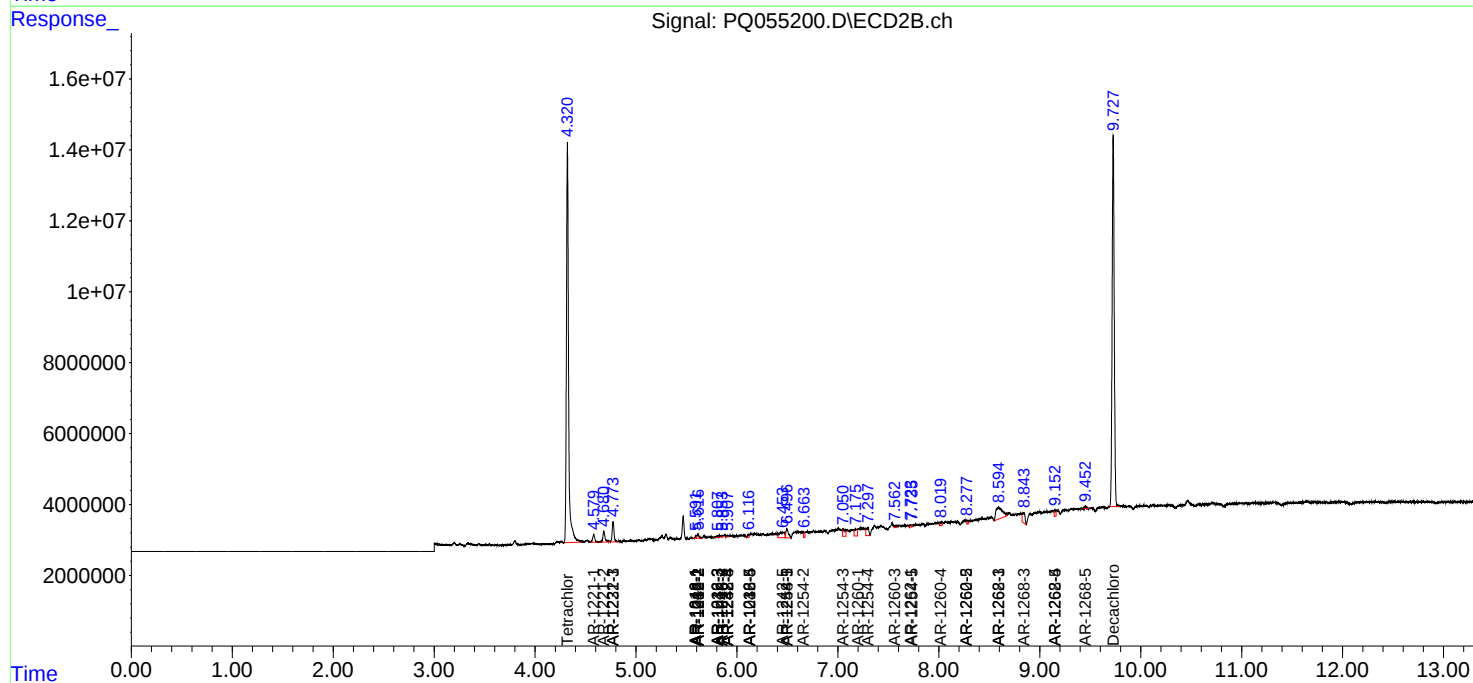
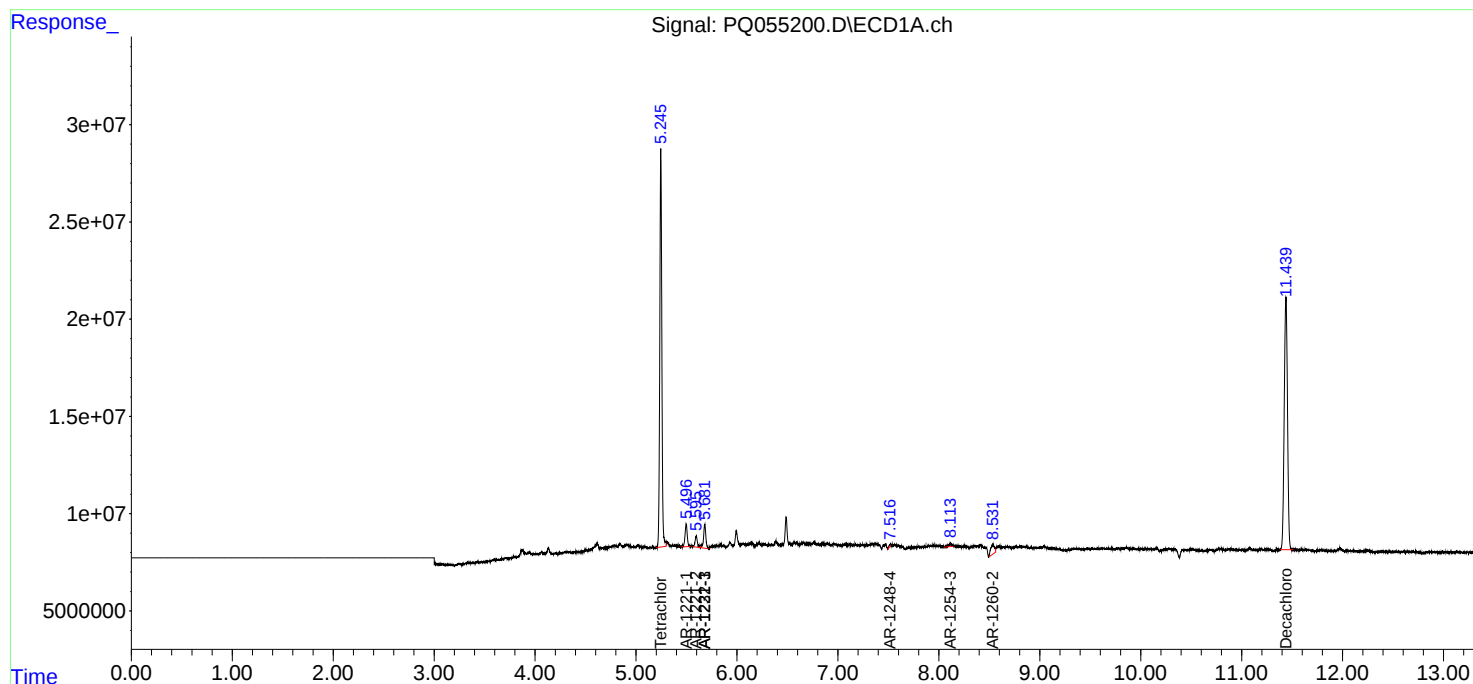
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

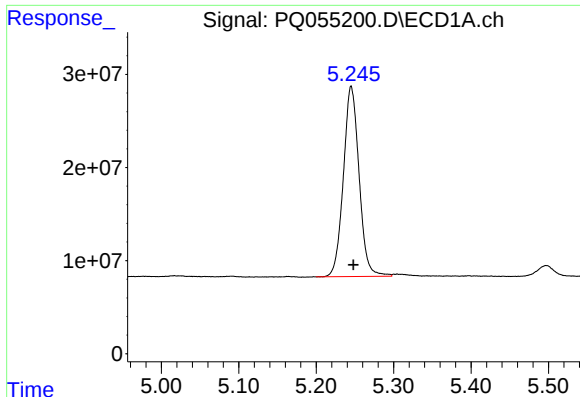
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

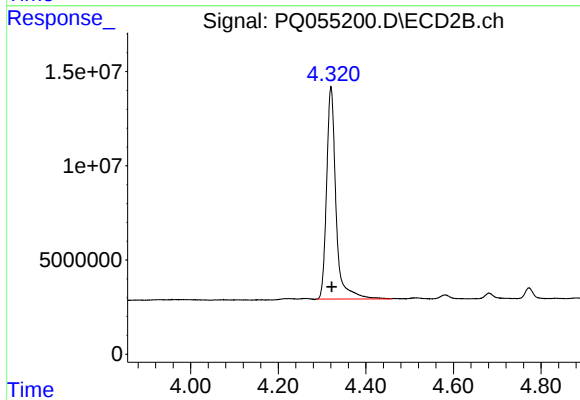




#1 Tetrachloro-m-xylene

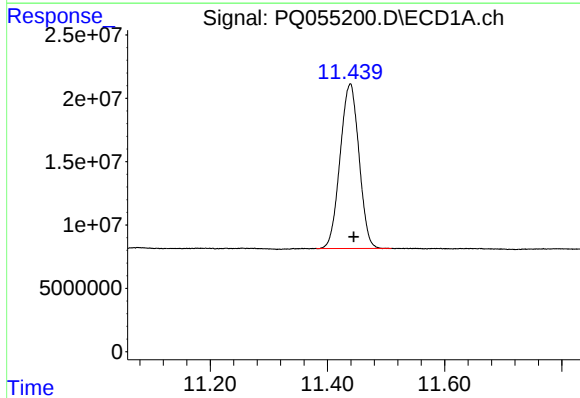
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 288071844
Conc: 16.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



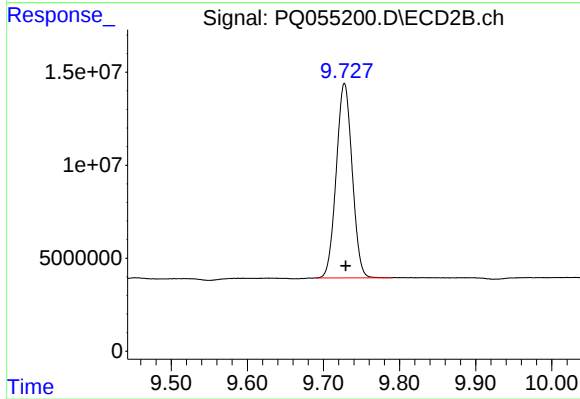
#1 Tetrachloro-m-xylene

R.T.: 4.320 min
Delta R.T.: -0.002 min
Response: 167786332
Conc: 16.32 ng/ml



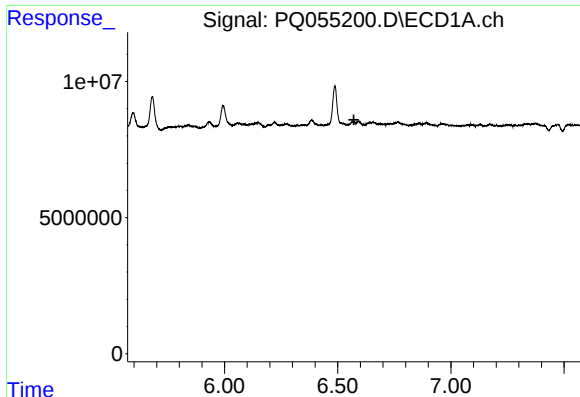
#2 Decachlorobiphenyl

R.T.: 11.439 min
Delta R.T.: -0.006 min
Response: 290349916
Conc: 18.41 ng/ml



#2 Decachlorobiphenyl

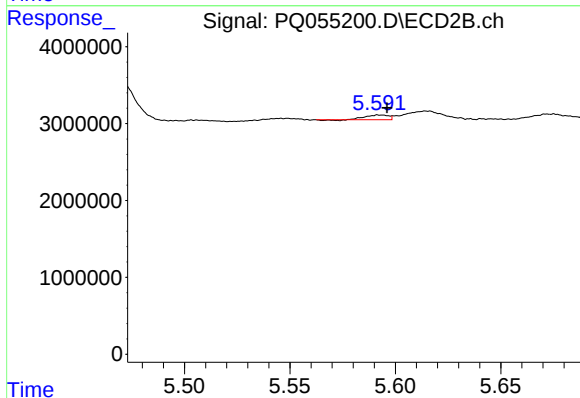
R.T.: 9.728 min
Delta R.T.: -0.002 min
Response: 151668091
Conc: 16.94 ng/ml



#3 AR-1016-1

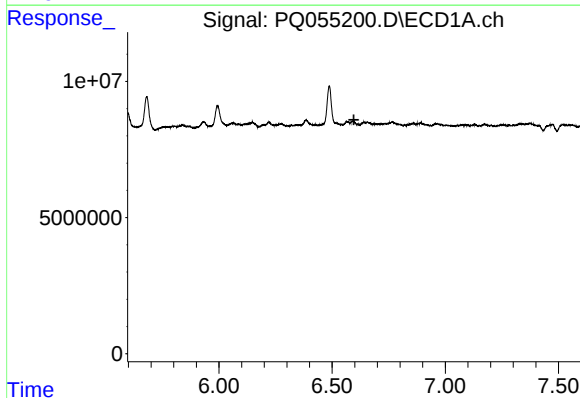
R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



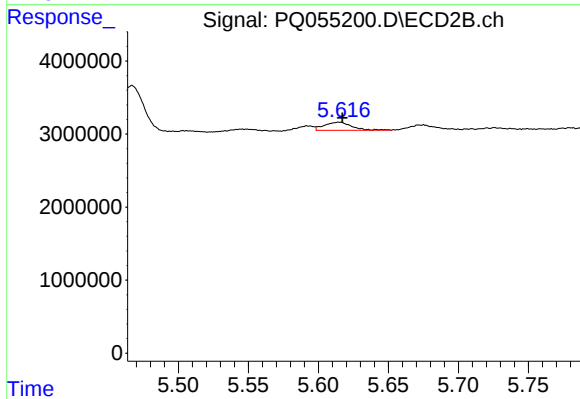
#3 AR-1016-1

R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 419684
Conc: 1.17 ng/ml



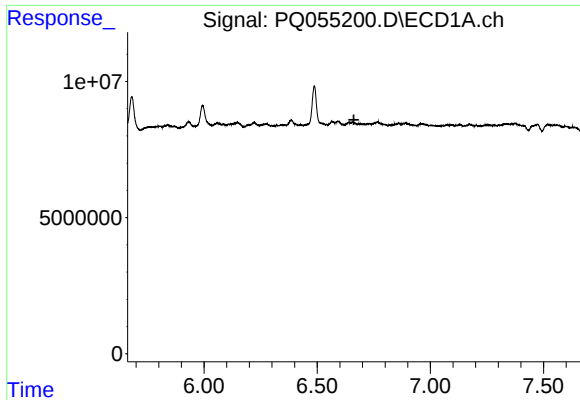
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.



#4 AR-1016-2

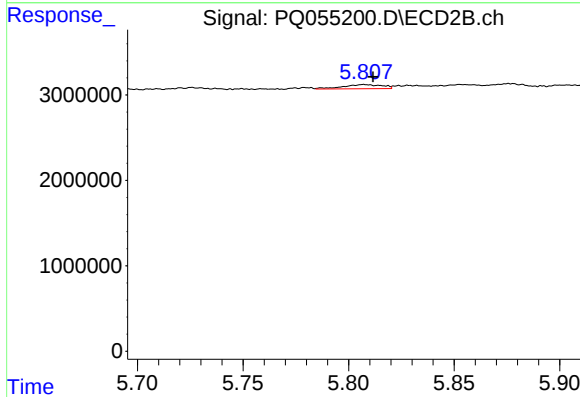
R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 1504304
Conc: 2.92 ng/ml



#5 AR-1016-3

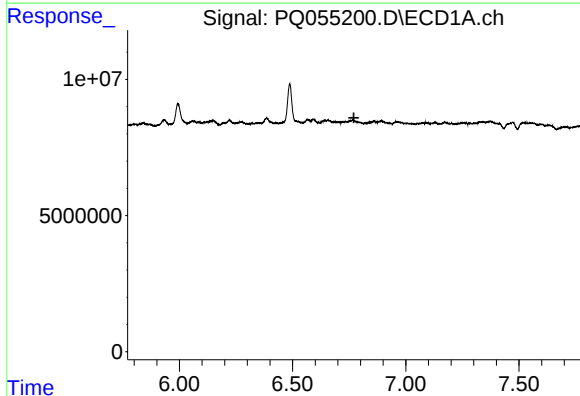
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



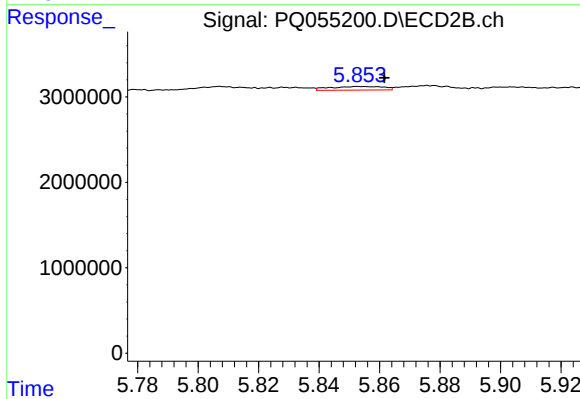
#5 AR-1016-3

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 640665
Conc: 2.39 ng/ml



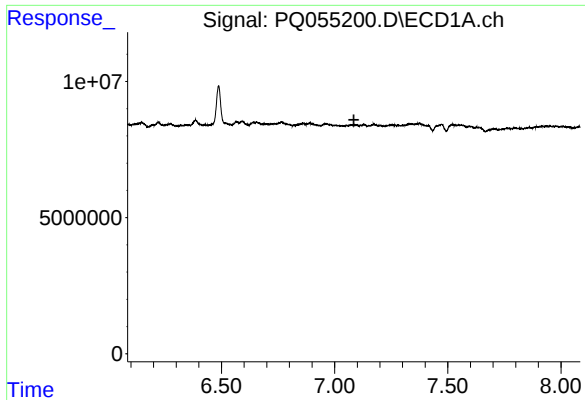
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



#6 AR-1016-4

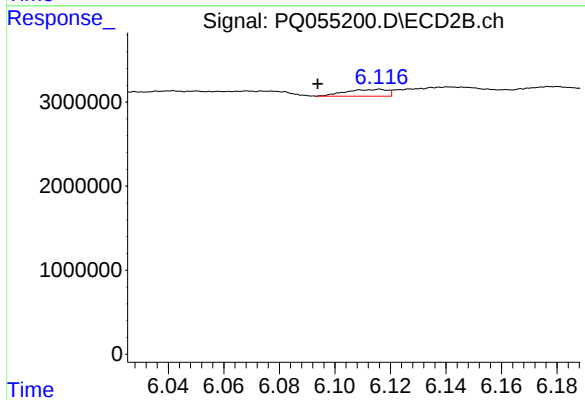
R.T.: 5.854 min
Delta R.T.: -0.008 min
Response: 518478
Conc: 2.39 ng/ml



#7 AR-1016-5

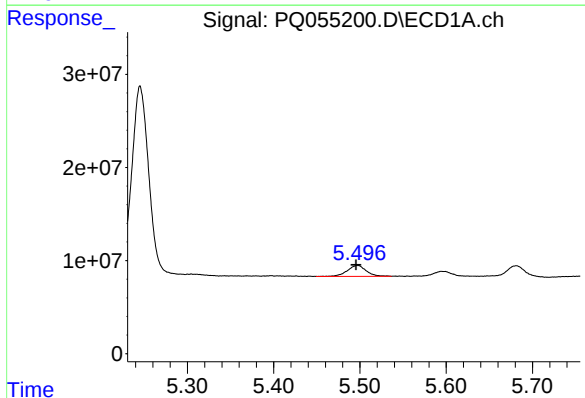
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



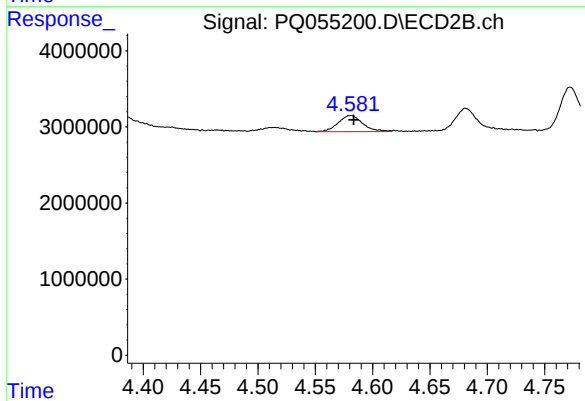
#7 AR-1016-5

R.T.: 6.116 min
Delta R.T.: 0.022 min
Response: 836005
Conc: 3.05 ng/ml



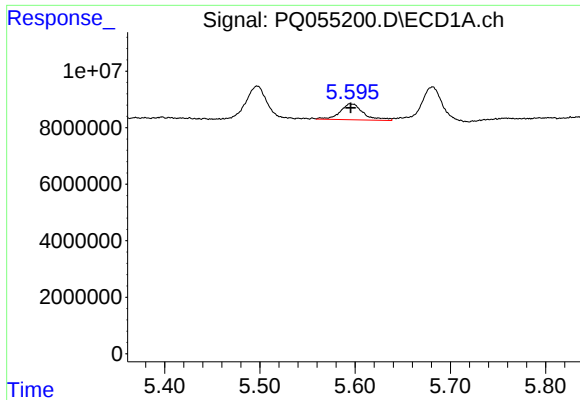
#8 AR-1221-1

R.T.: 5.497 min
Delta R.T.: 0.001 min
Response: 17995647
Conc: 86.33 ng/ml



#8 AR-1221-1

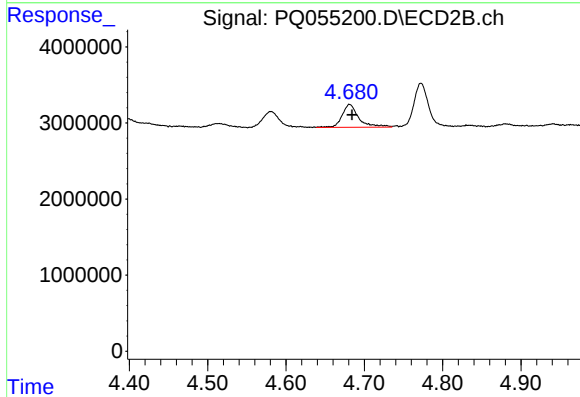
R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 3142812
Conc: 29.14 ng/ml



#9 AR-1221-2

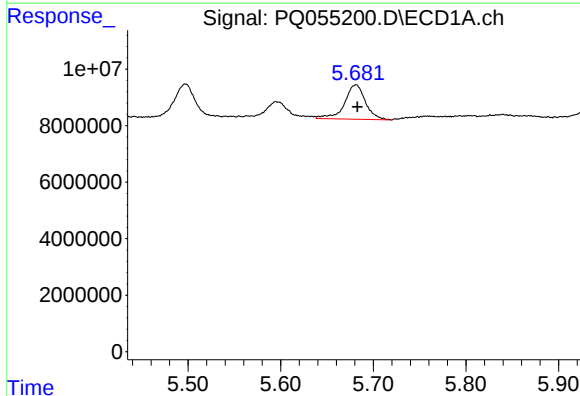
R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 9555302
Conc: 54.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



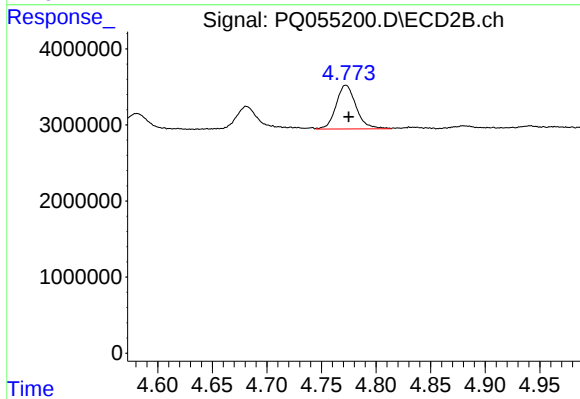
#9 AR-1221-2

R.T.: 4.681 min
Delta R.T.: -0.003 min
Response: 4465961
Conc: 57.63 ng/ml



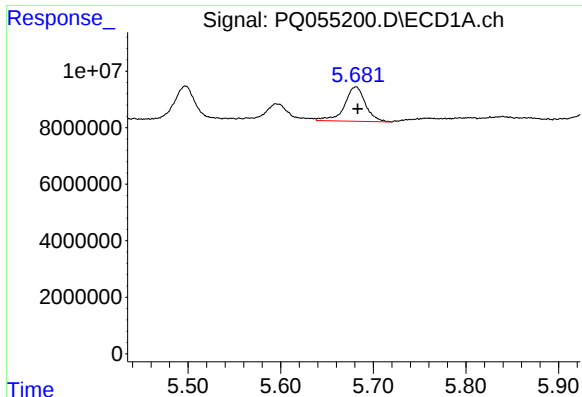
#10 AR-1221-3

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 19113010
Conc: 42.50 ng/ml



#10 AR-1221-3

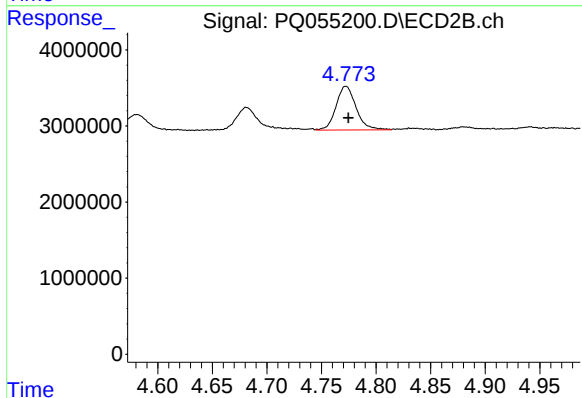
R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 7351151
Conc: 28.55 ng/ml



#11 AR-1232-1

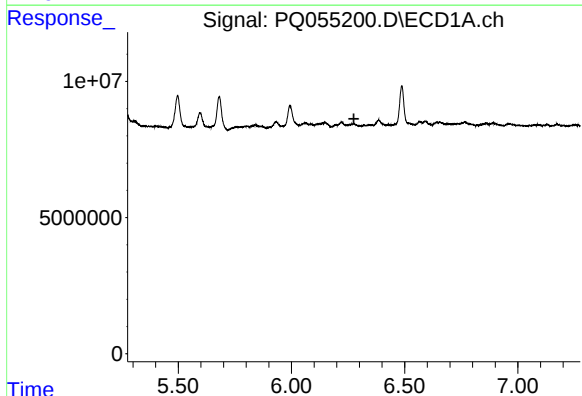
R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 19113010
Conc: 50.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



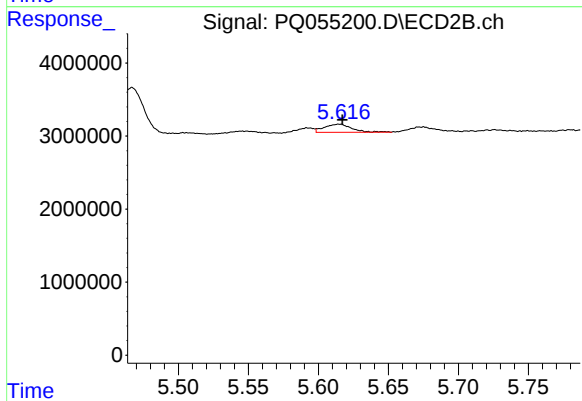
#11 AR-1232-1

R.T.: 4.772 min
Delta R.T.: -0.002 min
Response: 7351151
Conc: 33.82 ng/ml



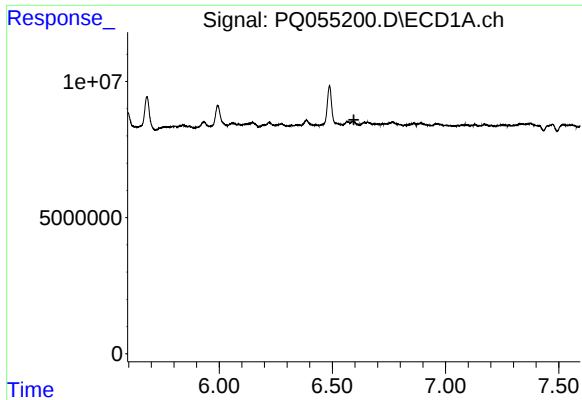
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.276 min
Response: 0
Conc: N.D.



#12 AR-1232-2

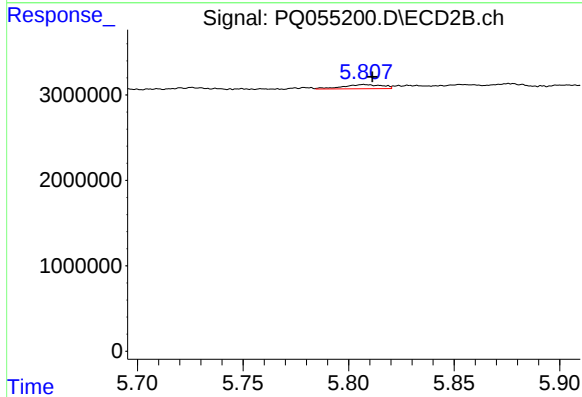
R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 1504304
Conc: 7.14 ng/ml



#13 AR-1232-3

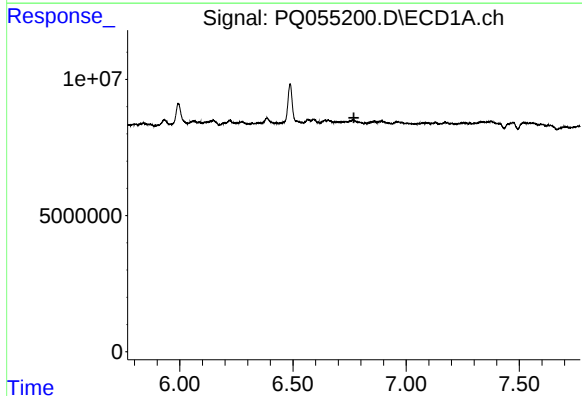
R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



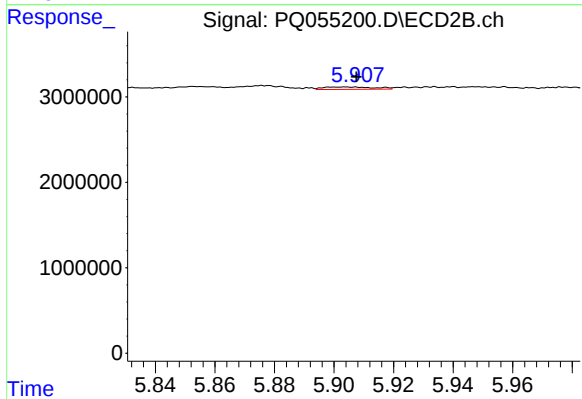
#13 AR-1232-3

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 640665
Conc: 5.84 ng/ml



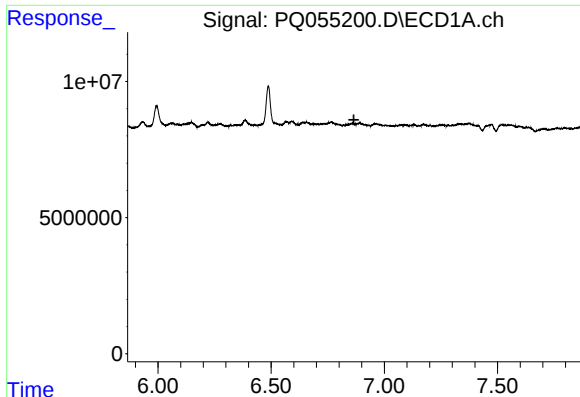
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.769 min
Response: 0
Conc: N.D.



#14 AR-1232-4

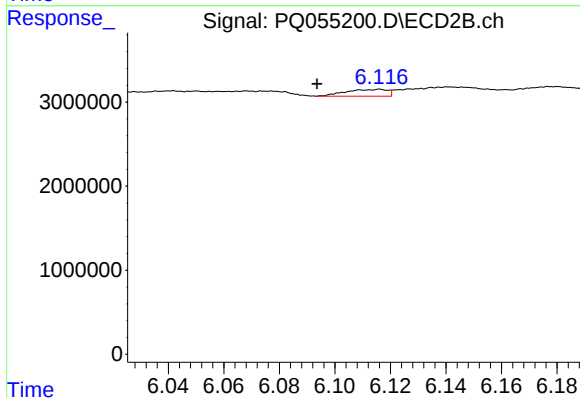
R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 332976
Conc: 3.43 ng/ml



#15 AR-1232-5

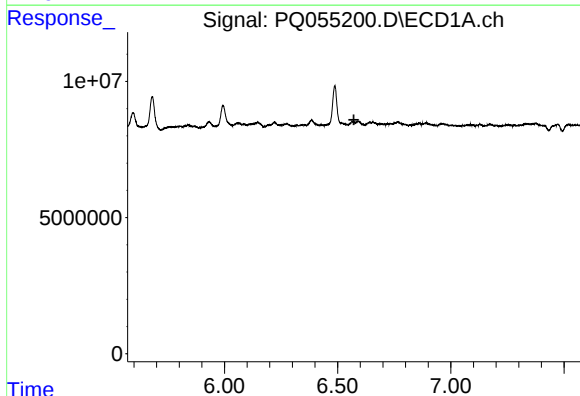
R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



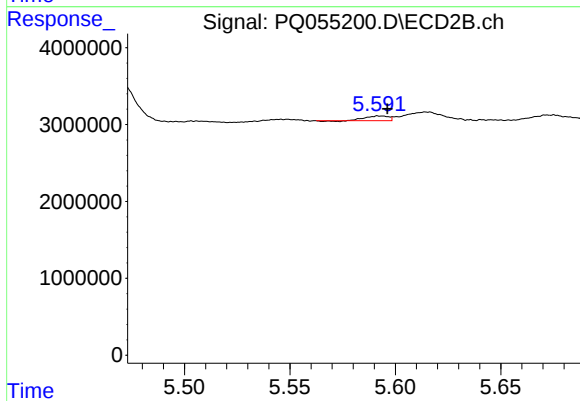
#15 AR-1232-5

R.T.: 6.116 min
Delta R.T.: 0.022 min
Response: 836005
Conc: 8.11 ng/ml



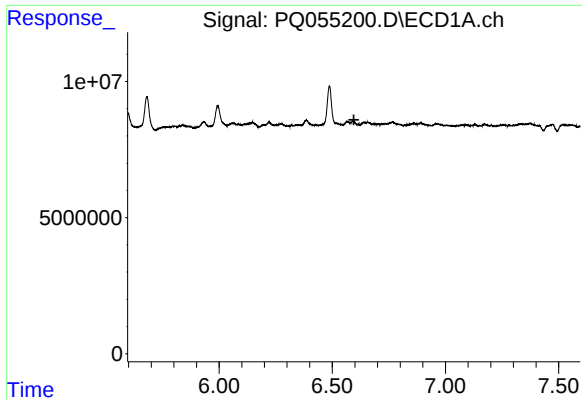
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.



#16 AR-1242-1

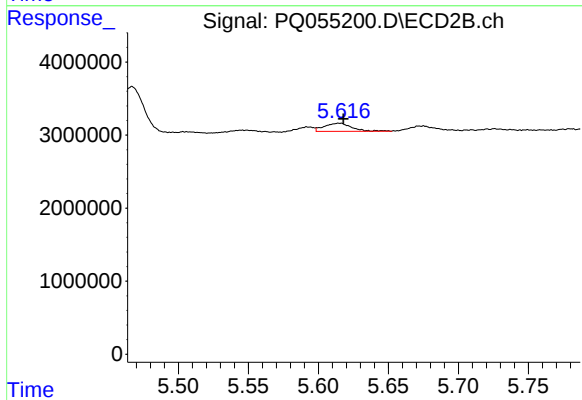
R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 419684
Conc: 1.58 ng/ml



#17 AR-1242-2

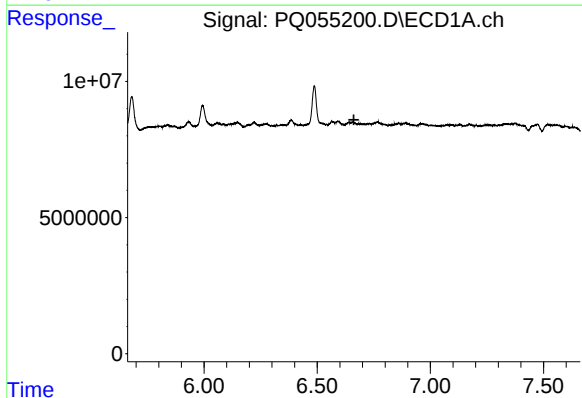
R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



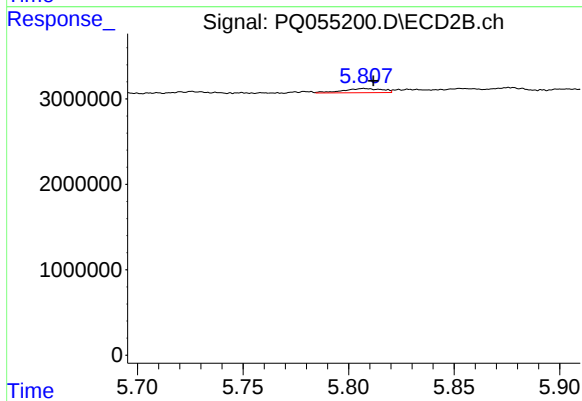
#17 AR-1242-2

R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 1504304
Conc: 3.88 ng/ml



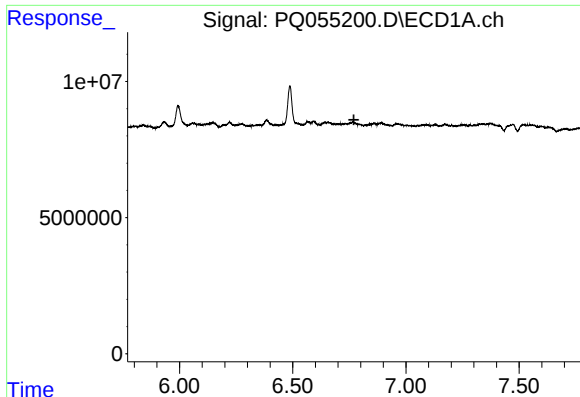
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.



#18 AR-1242-3

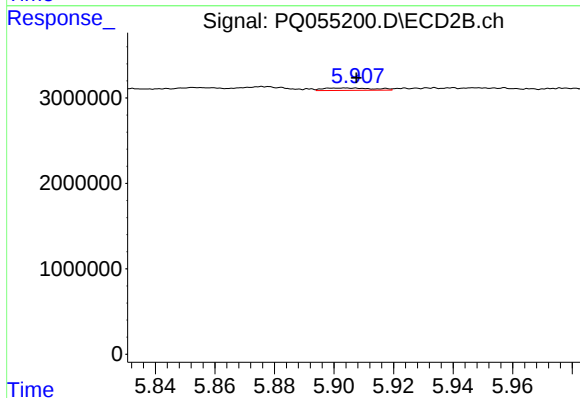
R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 640665
Conc: 3.18 ng/ml



#19 AR-1242-4

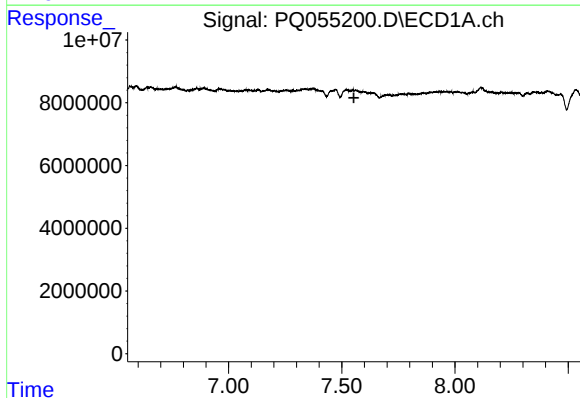
R.T.: 0.000 min
Exp R.T.: 6.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



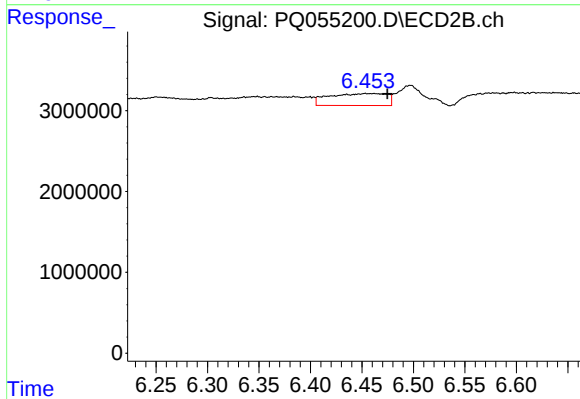
#19 AR-1242-4

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 332976
Conc: 1.70 ng/ml



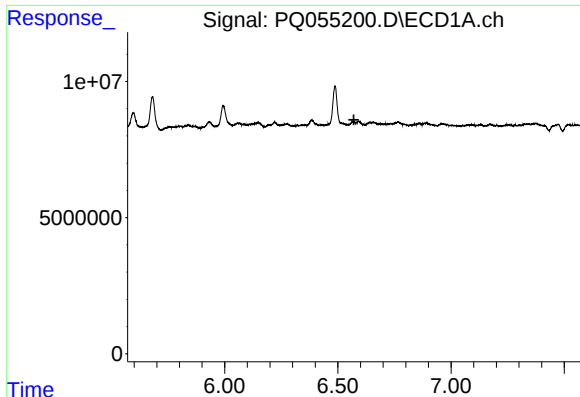
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.



#20 AR-1242-5

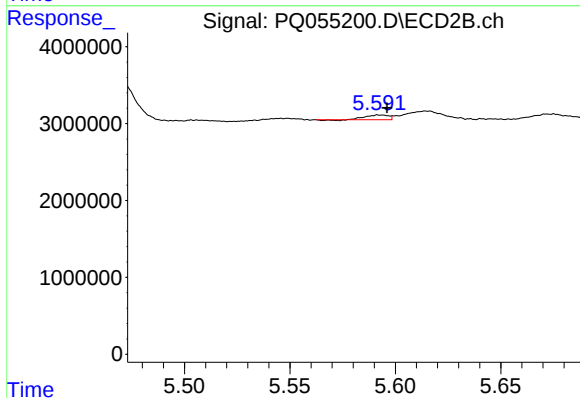
R.T.: 6.453 min
Delta R.T.: -0.021 min
Response: 5833499
Conc: 23.13 ng/ml



#21 AR-1248-1

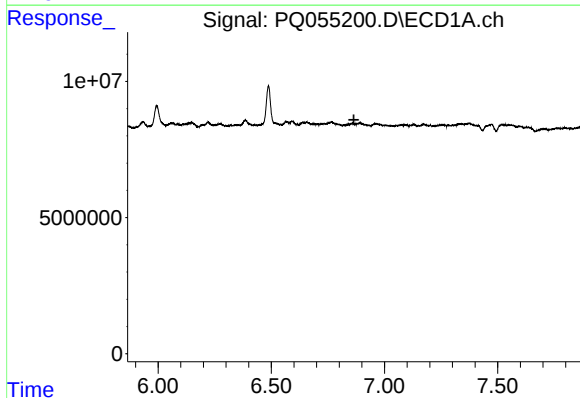
R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



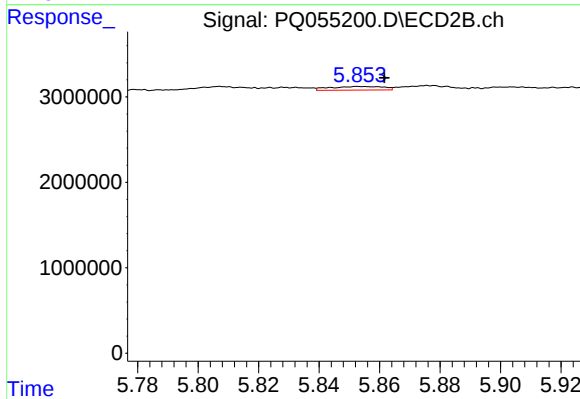
#21 AR-1248-1

R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 419684
Conc: 2.10 ng/ml



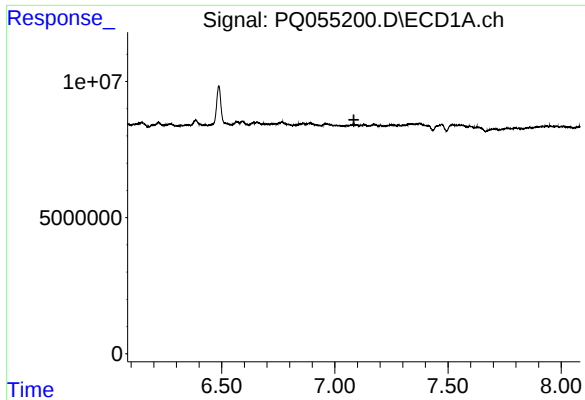
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.



#22 AR-1248-2

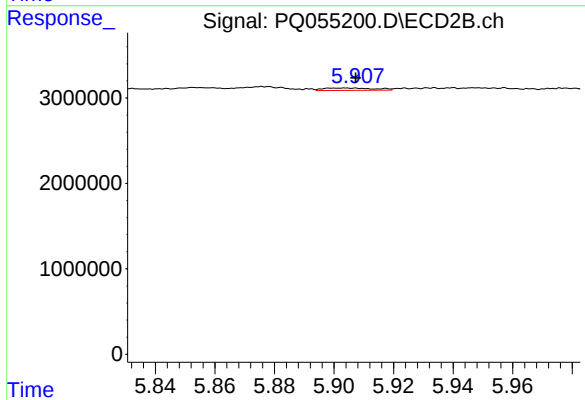
R.T.: 5.854 min
Delta R.T.: -0.008 min
Response: 518478
Conc: 1.84 ng/ml



#23 AR-1248-3

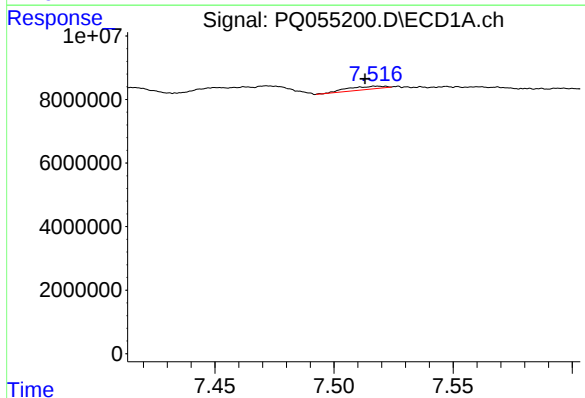
R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



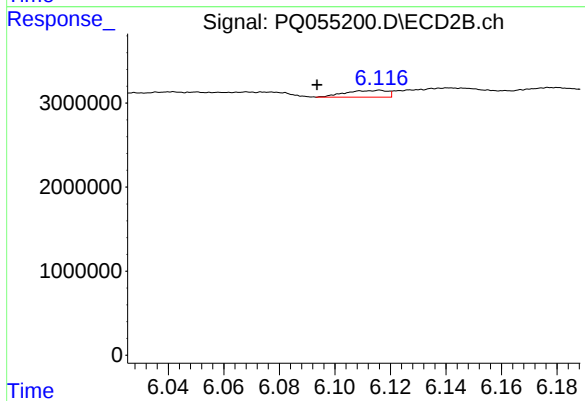
#23 AR-1248-3

R.T.: 5.904 min
Delta R.T.: -0.003 min
Response: 332976
Conc: 1.14 ng/ml



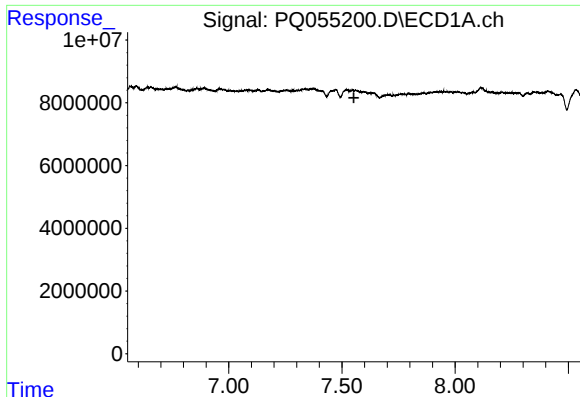
#24 AR-1248-4

R.T.: 7.522 min
Delta R.T.: 0.009 min
Response: 1052321
Conc: 1.73 ng/ml



#24 AR-1248-4

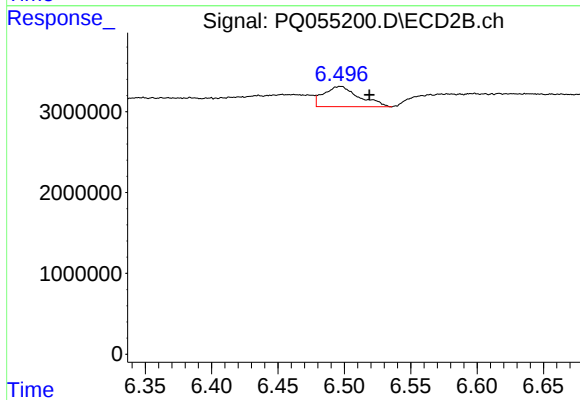
R.T.: 6.116 min
Delta R.T.: 0.022 min
Response: 836005
Conc: 2.40 ng/ml



#25 AR-1248-5

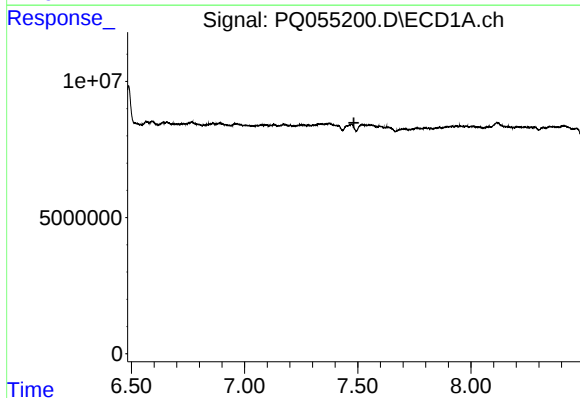
R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



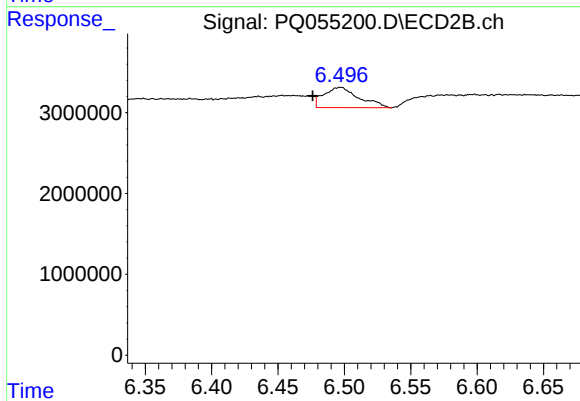
#25 AR-1248-5

R.T.: 6.497 min
Delta R.T.: -0.022 min
Response: 4638554
Conc: 13.33 ng/ml



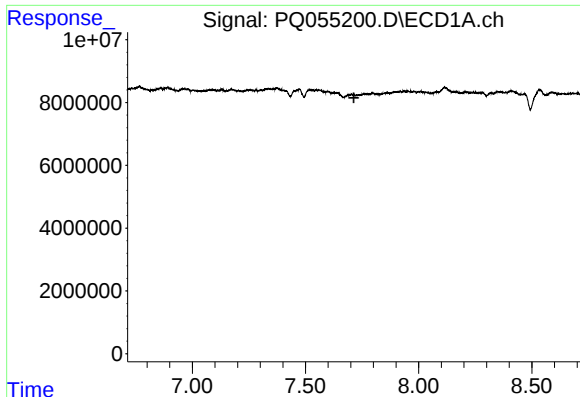
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.483 min
Response: 0
Conc: N.D.



#26 AR-1254-1

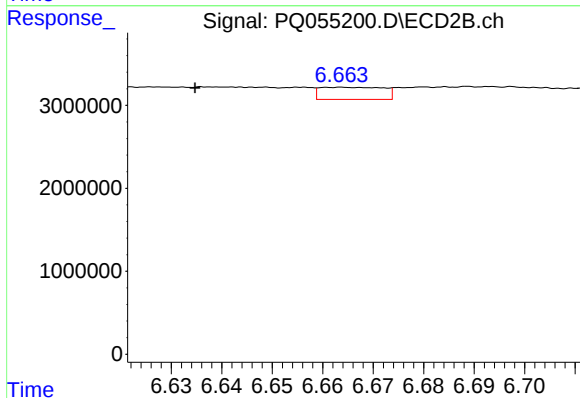
R.T.: 6.497 min
Delta R.T.: 0.021 min
Response: 4638554
Conc: 8.39 ng/ml



#27 AR-1254-2

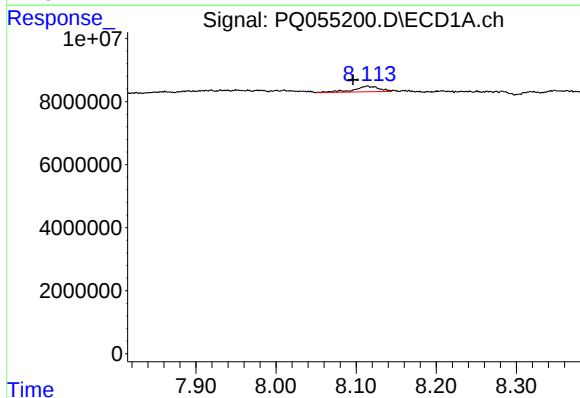
R.T.: 0.000 min
Exp R.T.: 7.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



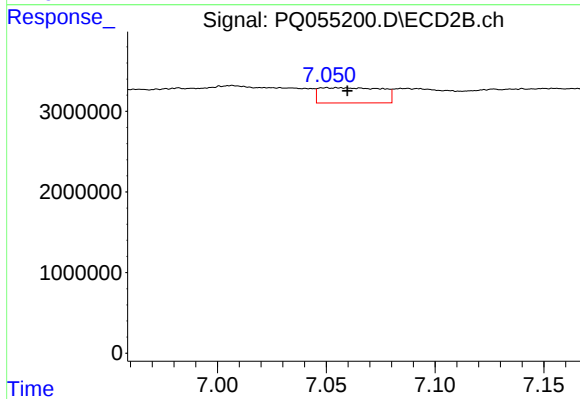
#27 AR-1254-2

R.T.: 6.664 min
Delta R.T.: 0.029 min
Response: 1282428
Conc: 2.71 ng/ml



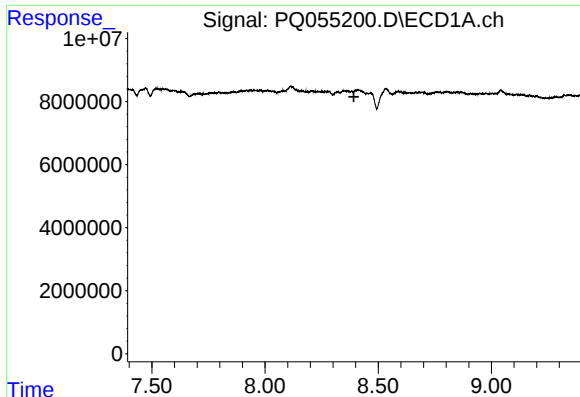
#28 AR-1254-3

R.T.: 8.114 min
Delta R.T.: 0.018 min
Response: 3805461
Conc: 3.74 ng/ml



#28 AR-1254-3

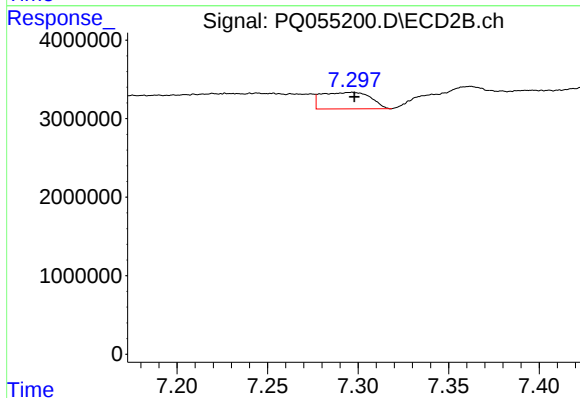
R.T.: 7.050 min
Delta R.T.: -0.010 min
Response: 3774424
Conc: 4.81 ng/ml



#29 AR-1254-4

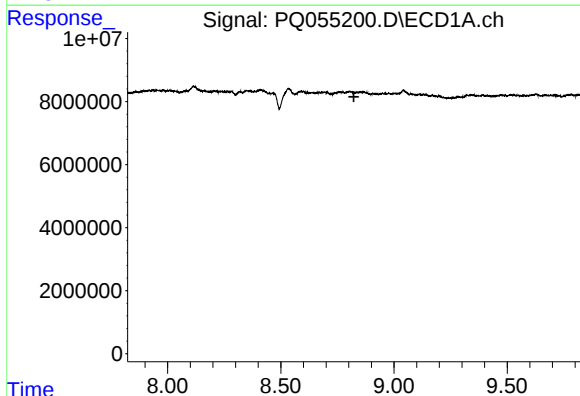
R.T.: 0.000 min
Exp R.T.: 8.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



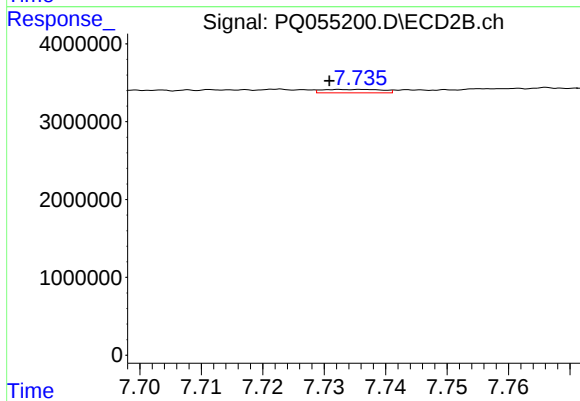
#29 AR-1254-4

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 3969921
Conc: 8.32 ng/ml



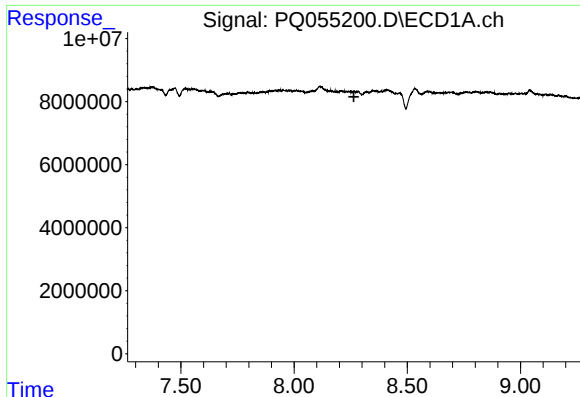
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 8.823 min
Response: 0
Conc: N.D.



#30 AR-1254-5

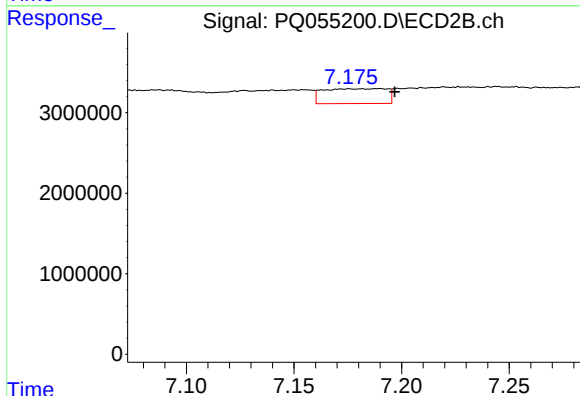
R.T.: 7.736 min
Delta R.T.: 0.005 min
Response: 296323
Conc: 0.44 ng/ml



#31 AR-1260-1

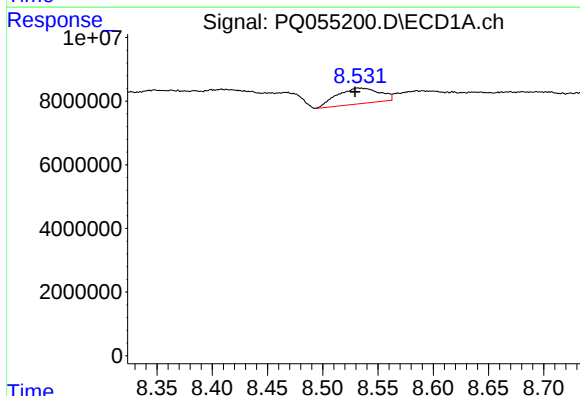
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



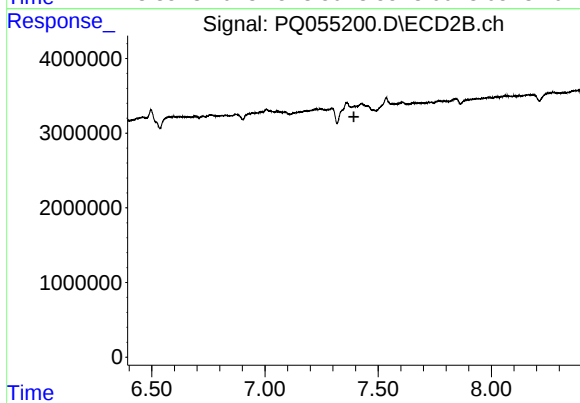
#31 AR-1260-1

R.T.: 7.189 min
Delta R.T.: -0.008 min
Response: 3752168
Conc: 7.49 ng/ml



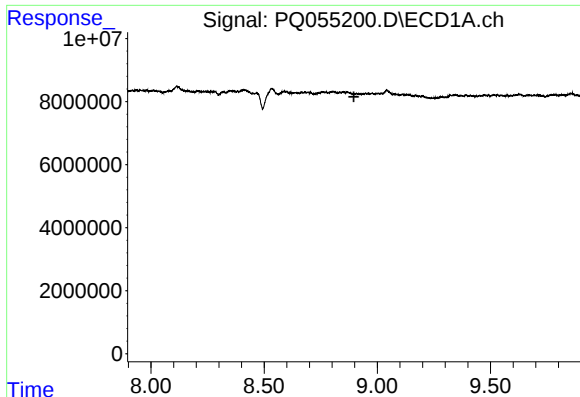
#32 AR-1260-2

R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 13182840
Conc: 15.89 ng/ml



#32 AR-1260-2

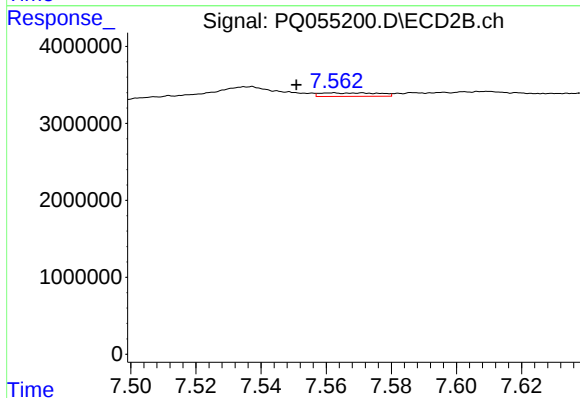
R.T.: 0.000 min
Exp R.T.: 7.393 min
Response: 0
Conc: N.D.



#33 AR-1260-3

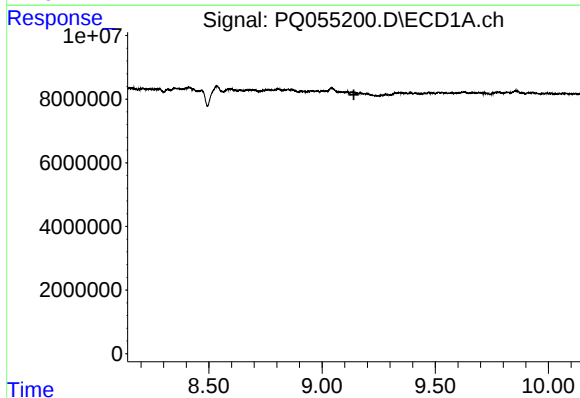
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



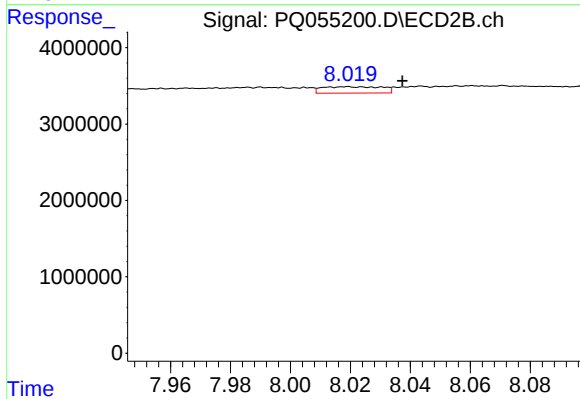
#33 AR-1260-3

R.T.: 7.562 min
Delta R.T.: 0.011 min
Response: 569203
Conc: 1.00 ng/ml



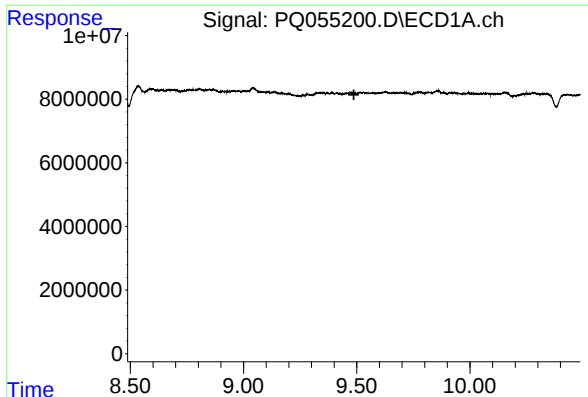
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.140 min
Response: 0
Conc: N.D.



#34 AR-1260-4

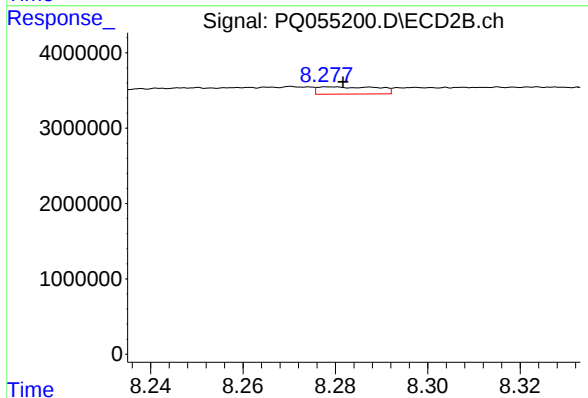
R.T.: 8.019 min
Delta R.T.: -0.018 min
Response: 1168847
Conc: 2.47 ng/ml



#35 AR-1260-5

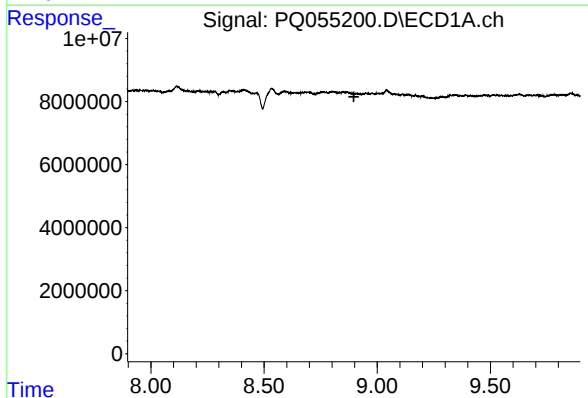
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



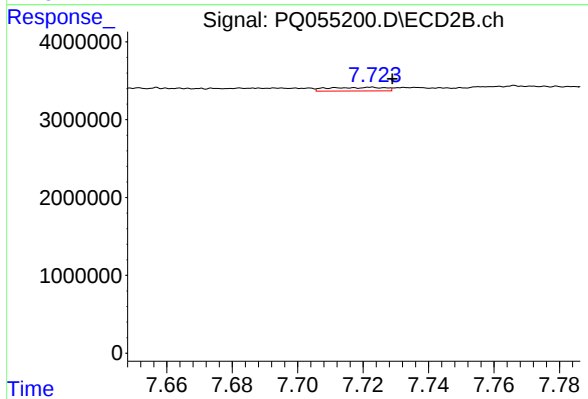
#35 AR-1260-5

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 868422
Conc: 0.75 ng/ml



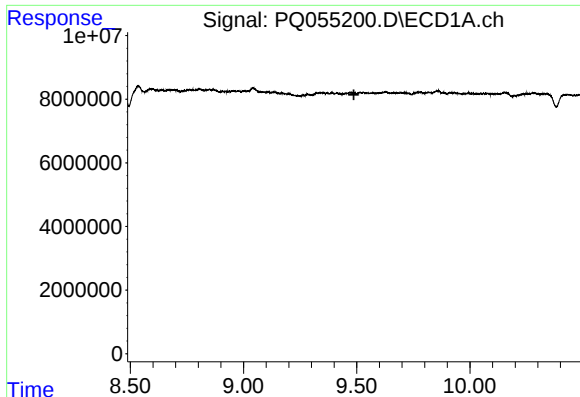
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.



#36 AR-1262-1

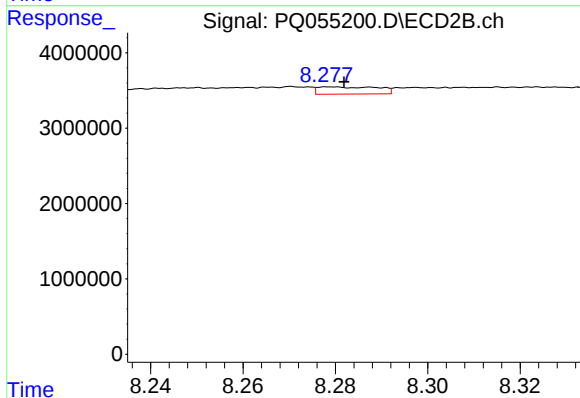
R.T.: 7.723 min
Delta R.T.: -0.006 min
Response: 556633
Conc: 1.64 ng/ml



#37 AR-1262-2

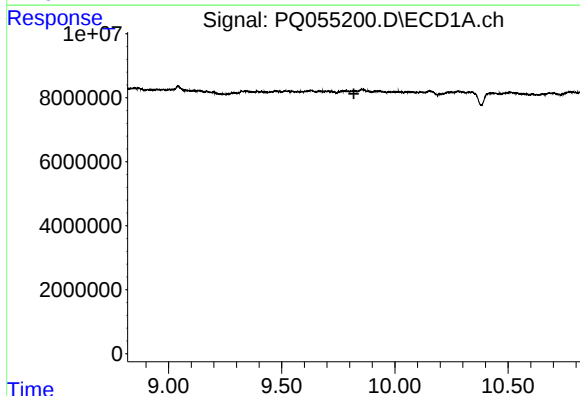
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



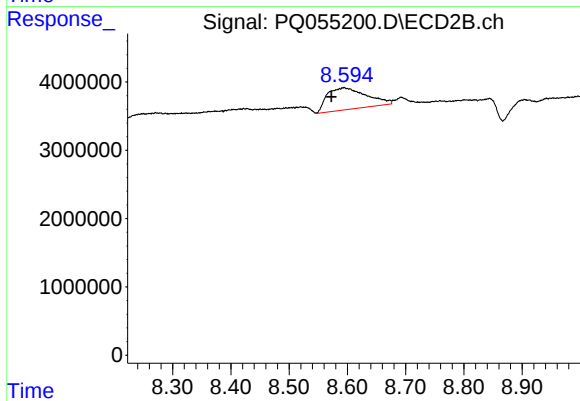
#37 AR-1262-2

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 868422
Conc: 0.70 ng/ml



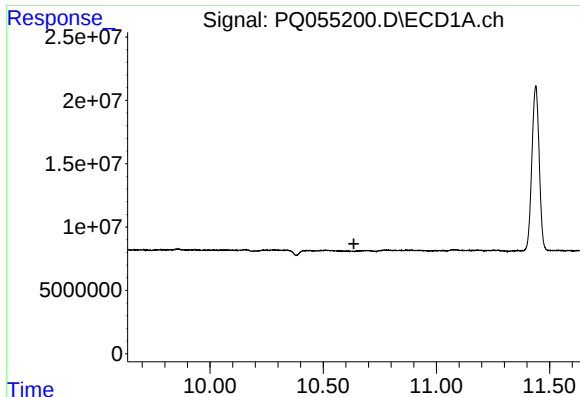
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.



#38 AR-1262-3

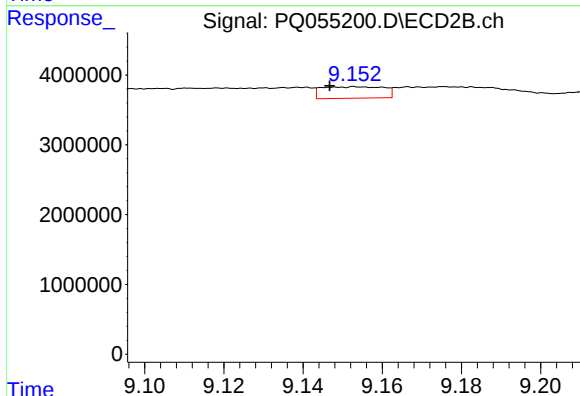
R.T.: 8.594 min
Delta R.T.: 0.022 min
Response: 14943619
Conc: 32.33 ng/ml



#40 AR-1262-5

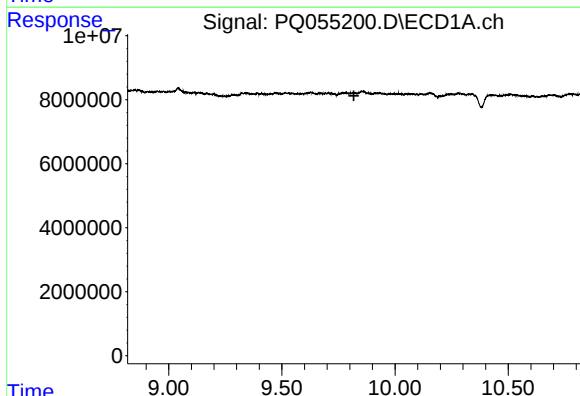
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



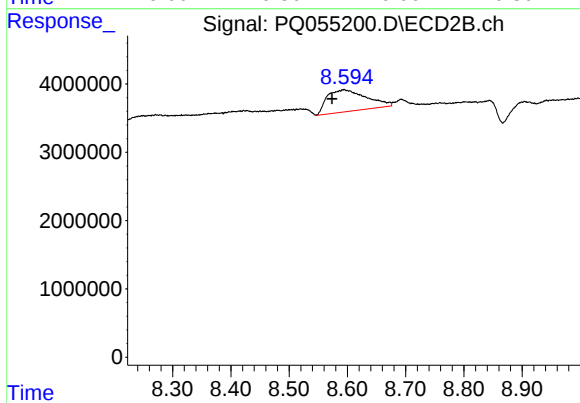
#40 AR-1262-5

R.T.: 9.154 min
Delta R.T.: 0.007 min
Response: 1786415
Conc: 4.45 ng/ml



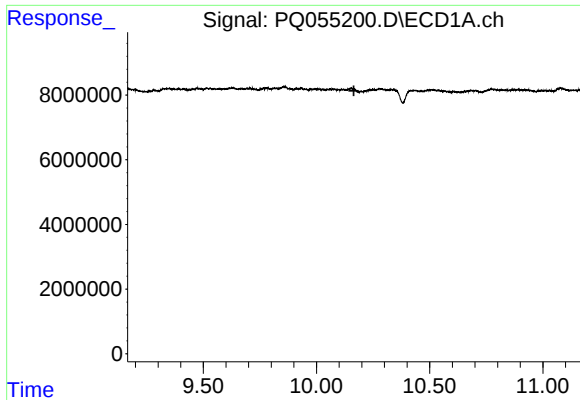
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.818 min
Response: 0
Conc: N.D.



#41 AR-1268-1

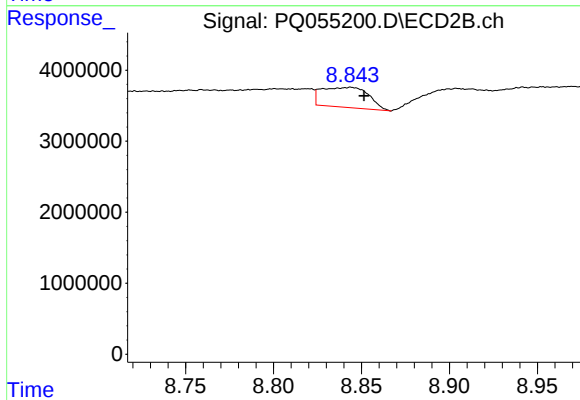
R.T.: 8.594 min
Delta R.T.: 0.021 min
Response: 14943619
Conc: 10.56 ng/ml



#43 AR-1268-3

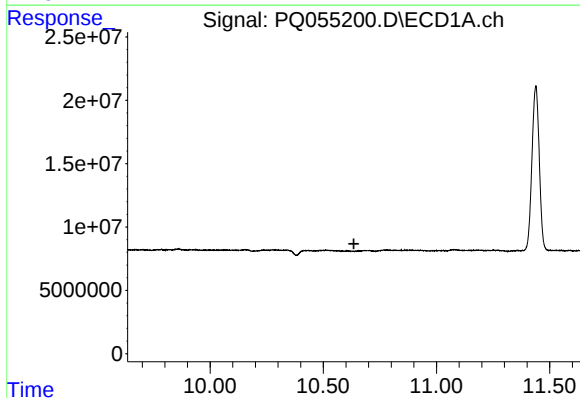
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



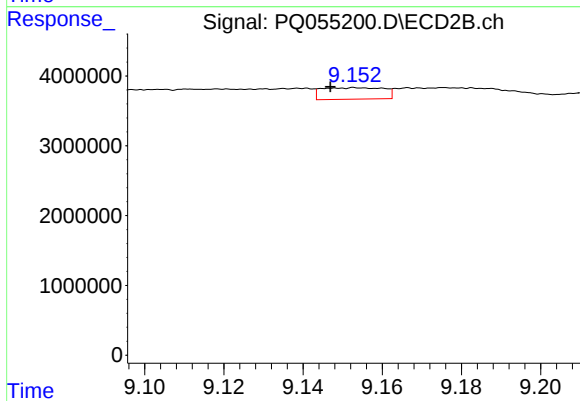
#43 AR-1268-3

R.T.: 8.844 min
Delta R.T.: -0.008 min
Response: 5262853
Conc: 4.81 ng/ml



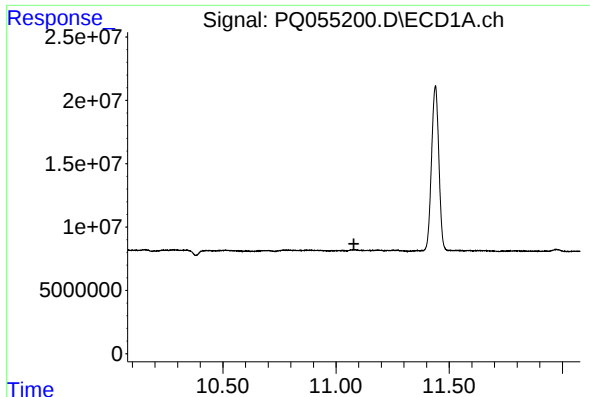
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.



#44 AR-1268-4

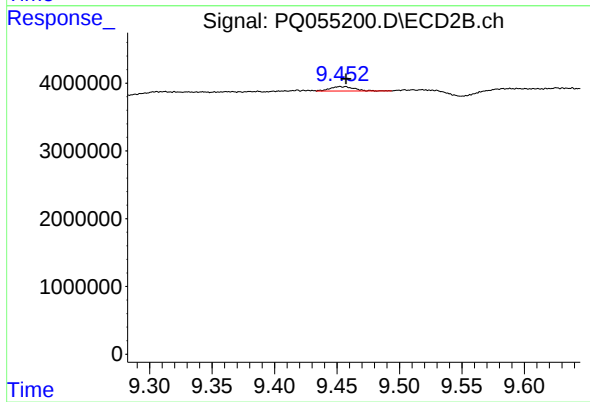
R.T.: 9.154 min
Delta R.T.: 0.007 min
Response: 1786415
Conc: 3.95 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.456 min
Delta R.T.: 0.000 min
Response: 848366
Conc: 0.24 ng/ml