

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 16:30
 Operator : AJ\MA
 Sample : M4068-01
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 23:01:27 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...	5.246	4.321	278.4E6	159.9E6	15.834	15.553
2)	SA Decachlor...	11.440	9.727	283.8E6	147.6E6	17.992	16.485
Target Compounds							
3)	L1 AR-1016-1	6.570	5.593	4596112	2341098	7.795	6.530
4)	L1 AR-1016-2	6.594	5.615	6463805	4594468	7.191	8.924
5)	L1 AR-1016-3	6.659	5.808	6267696	2321991	11.162	8.671
6)	L1 AR-1016-4	6.767	5.857	4364201	1776880	9.140	8.191
7)	L1 AR-1016-5	7.082	6.086	2747170	875465	6.303	3.198 #
8)	L2 AR-1221-1	5.498	4.581	14767078	1277054	70.839	11.840 #
9)	L2 AR-1221-2	5.599	4.681	5888366	3381773	33.651	43.639 #
10)	L2 AR-1221-3	5.682	4.773	10894000	3625478	24.223	14.078 #
11)	L3 AR-1232-1	5.682	4.773	10894000	3625478	28.693	16.681 #
12)	L3 AR-1232-2	6.277	5.615	7691020	4594468	38.518	21.808 #
13)	L3 AR-1232-3	6.594	5.808	6463805	2321991	16.971	21.157
14)	L3 AR-1232-4	6.767	5.905	4364201	1888999	21.313	19.459
15)	L3 AR-1232-5	0.000	6.086	0	875465	N.D.	8.494 #
16)	L4 AR-1242-1	6.570	5.593	4596112	2341098	10.511	8.788
17)	L4 AR-1242-2	6.594	5.615	6463805	4594468	9.627	11.862
18)	L4 AR-1242-3	6.659	5.808	6267696	2321991	14.818	11.515
19)	L4 AR-1242-4	6.767	5.905	4364201	1888999	12.244	9.649
20)	L4 AR-1242-5	7.551	6.471	4713297	3693411	12.904	14.648
21)	L5 AR-1248-1	6.570	5.593	4596112	2341098	13.514	11.697
22)	L5 AR-1248-2	0.000	5.857	0	1776880	N.D.	6.320 #
23)	L5 AR-1248-3	7.082	5.905	2747170	1888999	5.094	6.457 #
24)	L5 AR-1248-4	7.512	6.086	4939922	875465	8.141	2.515 #
25)	L5 AR-1248-5	7.551	6.512	4713297	2328440	7.701	6.692
26)	L6 AR-1254-1	7.479	6.471	6959353	3693411	11.855	6.677 #
27)	L6 AR-1254-2	7.718	6.630	2631976	3815618	2.904	8.063 #
28)	L6 AR-1254-3	8.115f	7.055	4644730	2951673	4.563	3.760
29)	L6 AR-1254-4	0.000	7.297	0	1470971	N.D.	3.083 #
30)	L6 AR-1254-5	0.000	7.732	0	166415	N.D.	0.249 #
31)	L7 AR-1260-1	0.000	7.212	0	1269365	N.D.	2.532 #
32)	L7 AR-1260-2	8.538	7.397	3428572	664512	4.132	1.099 #
33)	L7 AR-1260-3	0.000	7.537	0	1526732	N.D.	2.673 #
34)	L7 AR-1260-4	0.000	8.041	0	360072	N.D.	0.760 #
35)	L7 AR-1260-5	0.000	8.276	0	615301	N.D.	0.533 #
36)	L8 AR-1262-1	0.000	7.732	0	166415	N.D.	0.489 #
37)	L8 AR-1262-2	0.000	8.276	0	615301	N.D.	0.499 #
38)	L8 AR-1262-3	0.000	8.590f	0	13187405	N.D.	28.531 #
40)	L8 AR-1262-5	0.000	9.147	0	3455884	N.D.	8.606 #
41)	L9 AR-1268-1	0.000	8.590f	0	13187405	N.D.	9.320 #
43)	L9 AR-1268-3	0.000	8.843	0	6750088	N.D.	6.170 #

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 Misc : AR1232 LOD 25 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 23:01:27 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
44) L9	AR-1268-4	0.000	9.147	0	3455884	N.D.	7.650 #
45) L9	AR-1268-5	0.000	9.454	0	873769	N.D.	0.247 #

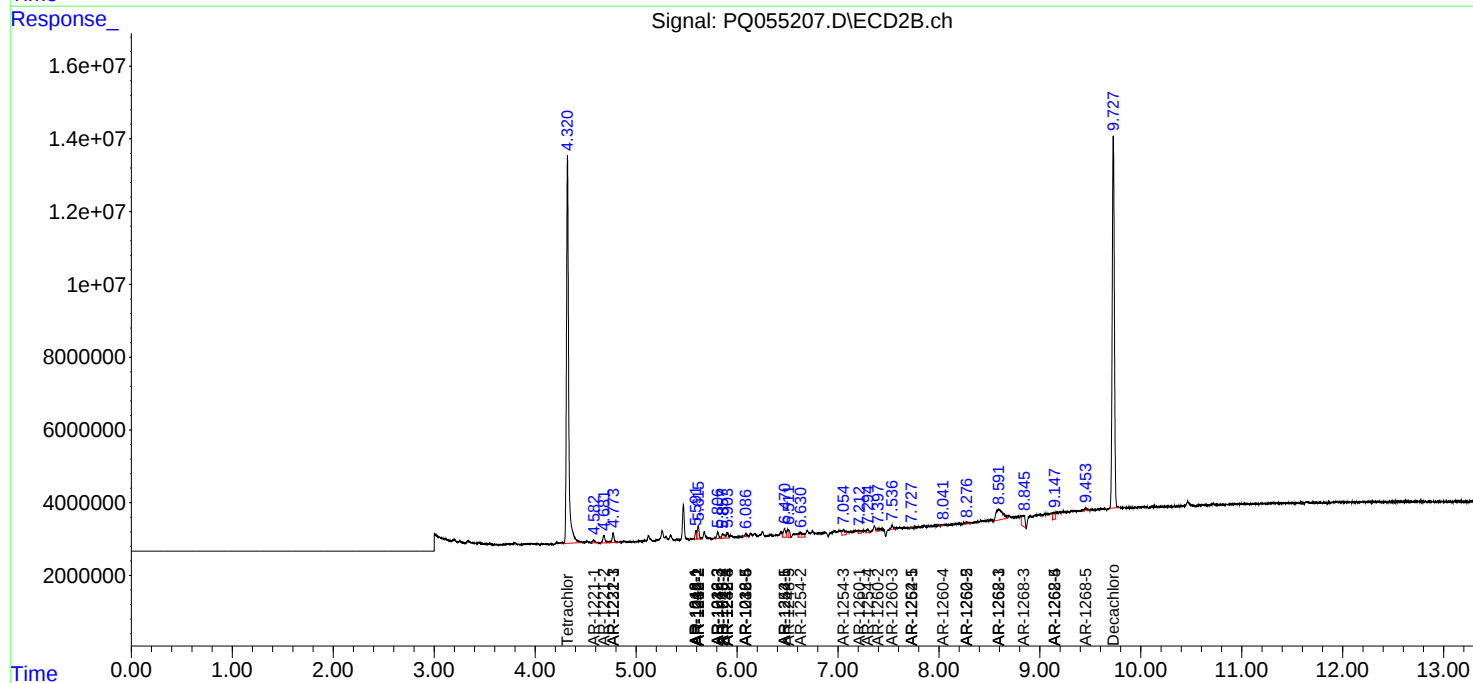
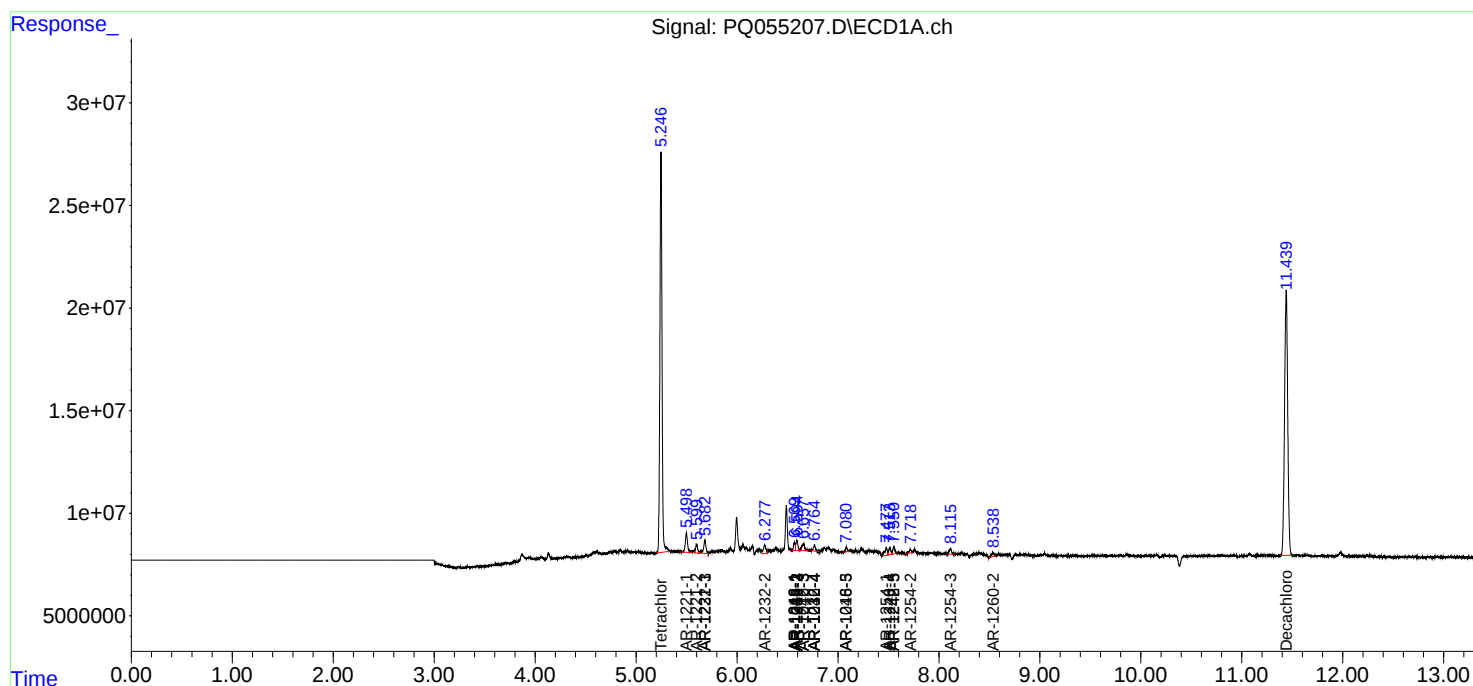
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

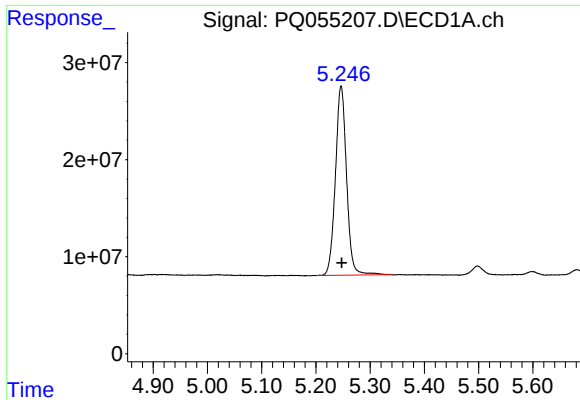
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055207.D
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Integrator: ChemStation

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

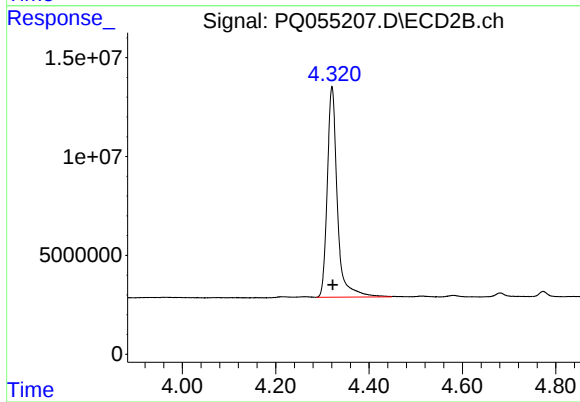




#1 Tetrachloro-m-xylene

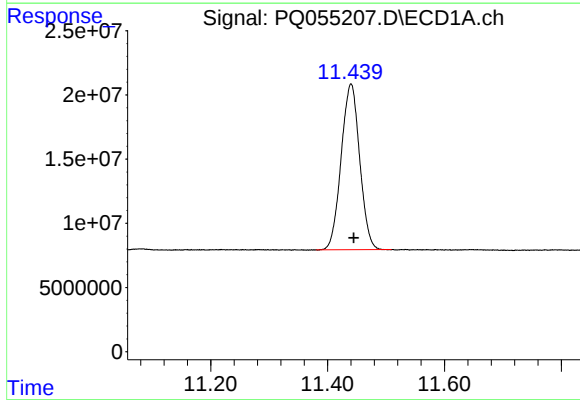
R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 278395410
Conc: 15.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



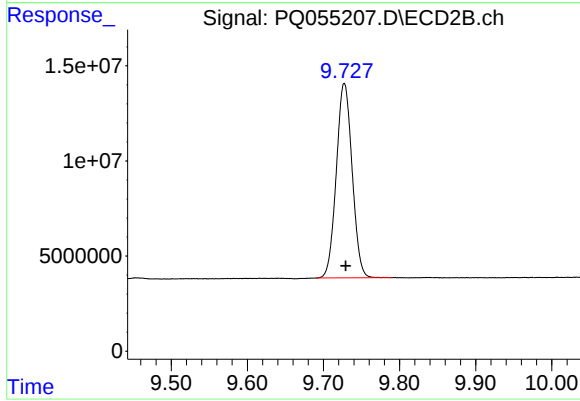
#1 Tetrachloro-m-xylene

R.T.: 4.321 min
Delta R.T.: -0.001 min
Response: 159932791
Conc: 15.55 ng/ml



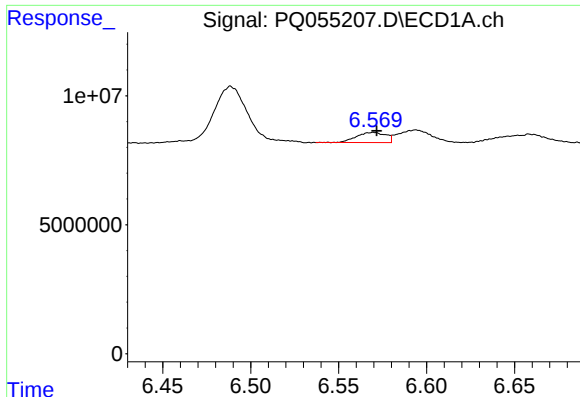
#2 Decachlorobiphenyl

R.T.: 11.440 min
Delta R.T.: -0.005 min
Response: 283787869
Conc: 17.99 ng/ml



#2 Decachlorobiphenyl

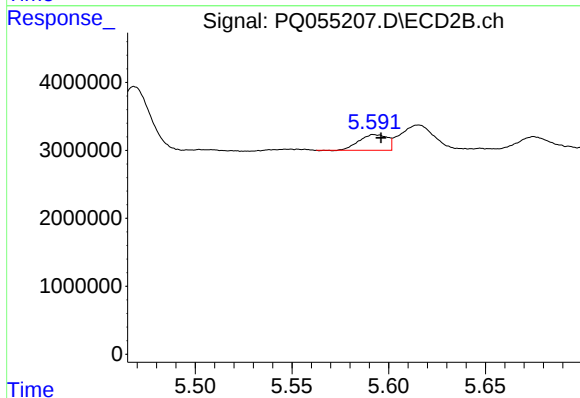
R.T.: 9.727 min
Delta R.T.: -0.002 min
Response: 147604921
Conc: 16.48 ng/ml



#3 AR-1016-1

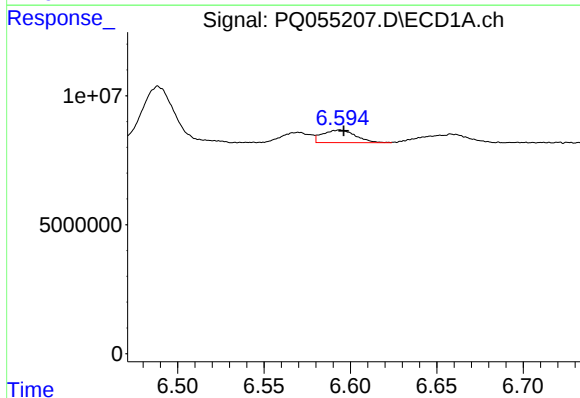
R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 4596112
Conc: 7.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



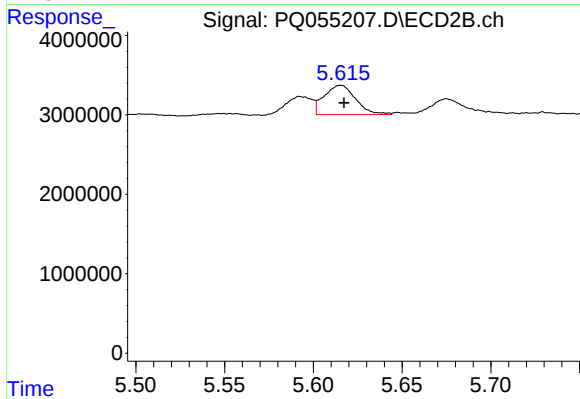
#3 AR-1016-1

R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 2341098
Conc: 6.53 ng/ml



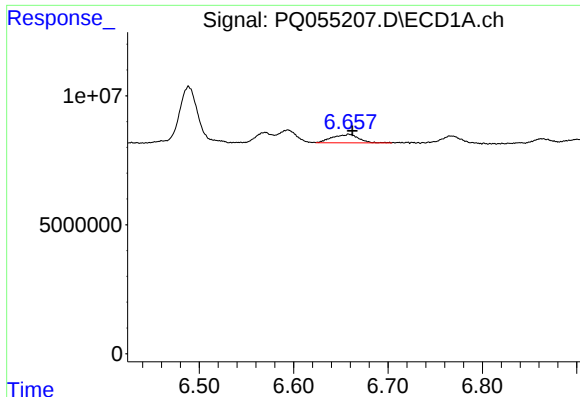
#4 AR-1016-2

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 6463805
Conc: 7.19 ng/ml



#4 AR-1016-2

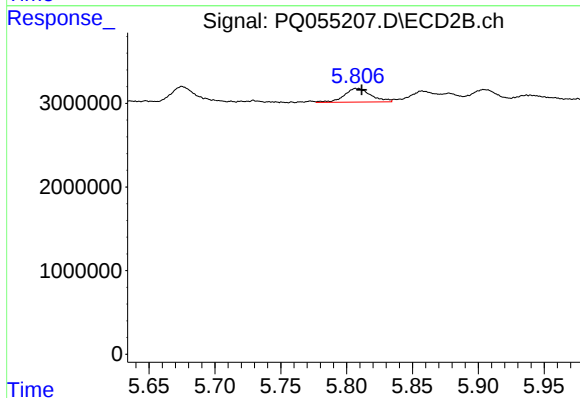
R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 4594468
Conc: 8.92 ng/ml



#5 AR-1016-3

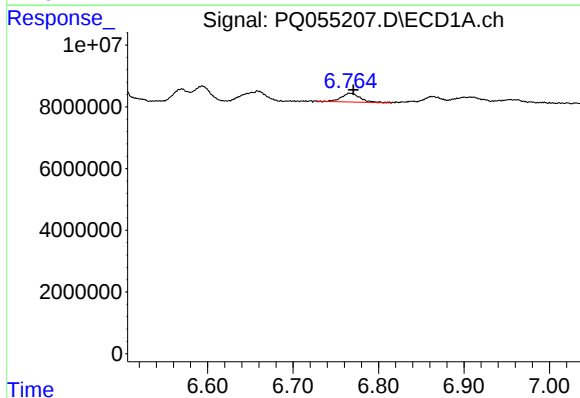
R.T.: 6.659 min
Delta R.T.: -0.003 min
Response: 6267696
Conc: 11.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



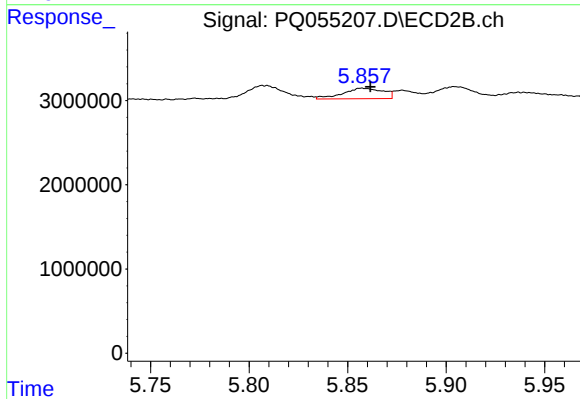
#5 AR-1016-3

R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 2321991
Conc: 8.67 ng/ml



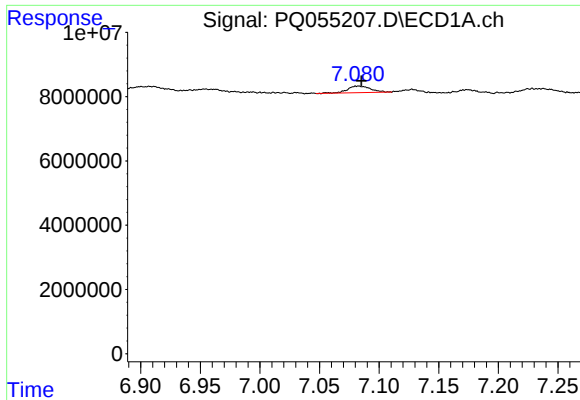
#6 AR-1016-4

R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 4364201
Conc: 9.14 ng/ml



#6 AR-1016-4

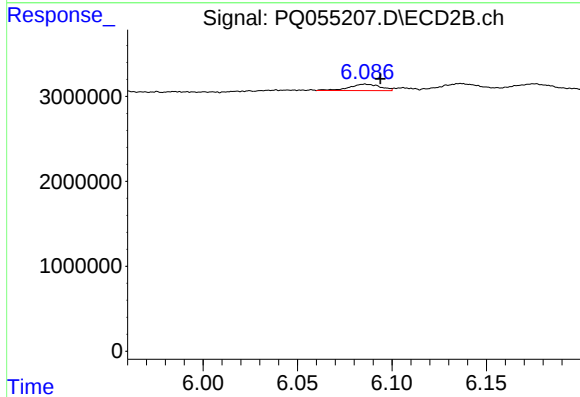
R.T.: 5.857 min
Delta R.T.: -0.004 min
Response: 1776880
Conc: 8.19 ng/ml



#7 AR-1016-5

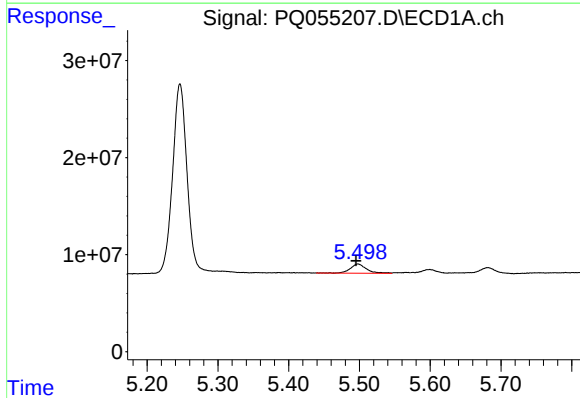
R.T.: 7.082 min
Delta R.T.: -0.003 min
Response: 2747170
Conc: 6.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



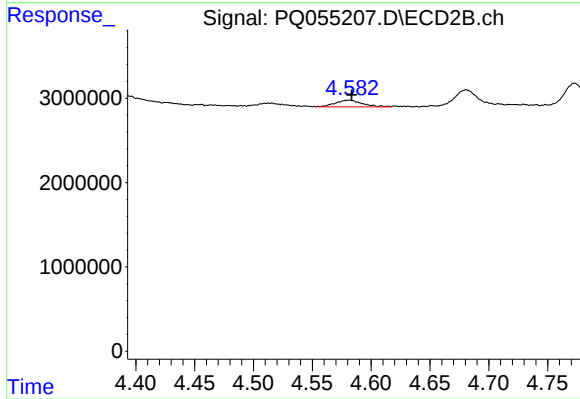
#7 AR-1016-5

R.T.: 6.086 min
Delta R.T.: -0.008 min
Response: 875465
Conc: 3.20 ng/ml



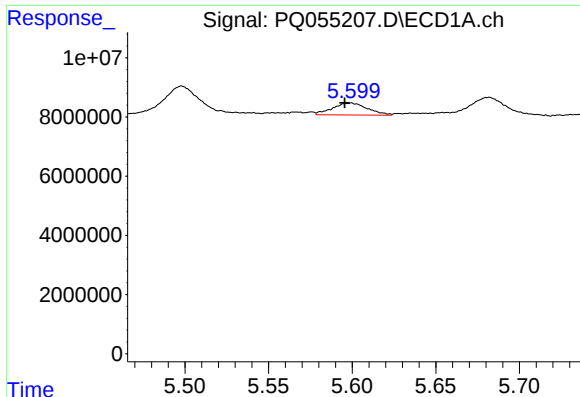
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.003 min
Response: 14767078
Conc: 70.84 ng/ml



#8 AR-1221-1

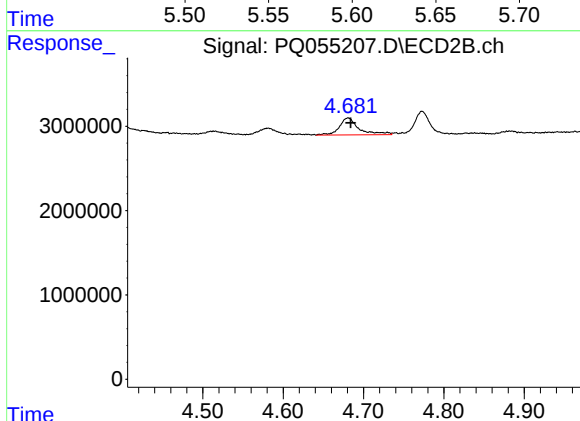
R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 1277054
Conc: 11.84 ng/ml



#9 AR-1221-2

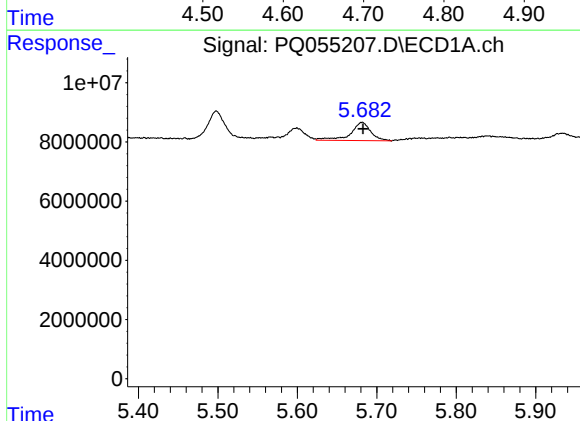
R.T.: 5.599 min
Delta R.T.: 0.004 min
Response: 5888366
Conc: 33.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



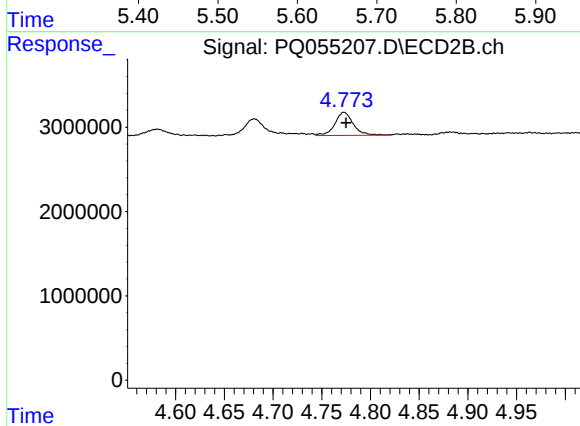
#9 AR-1221-2

R.T.: 4.681 min
Delta R.T.: -0.003 min
Response: 3381773
Conc: 43.64 ng/ml



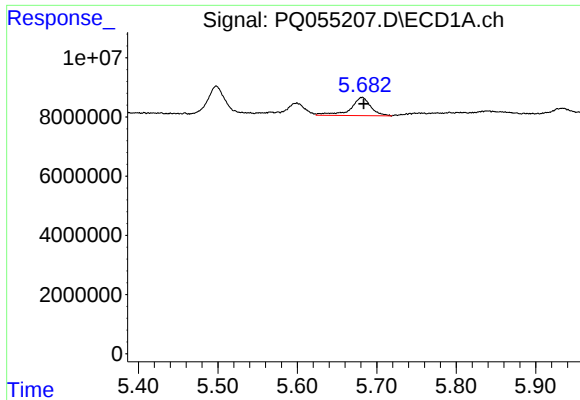
#10 AR-1221-3

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 10894000
Conc: 24.22 ng/ml



#10 AR-1221-3

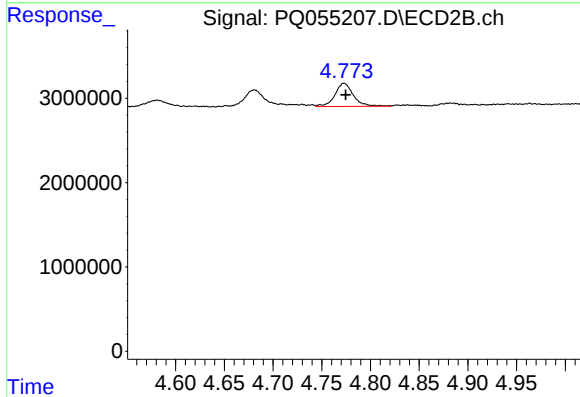
R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 3625478
Conc: 14.08 ng/ml



#11 AR-1232-1

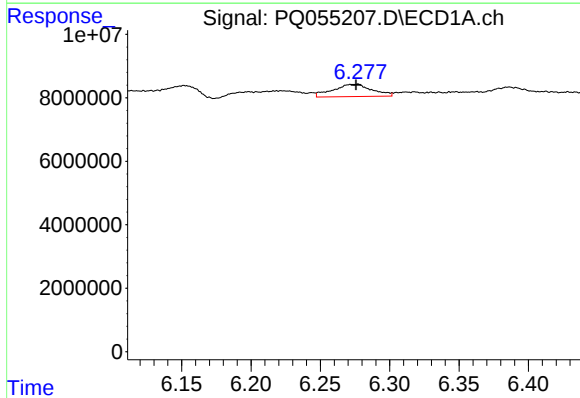
R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 10894000
Conc: 28.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



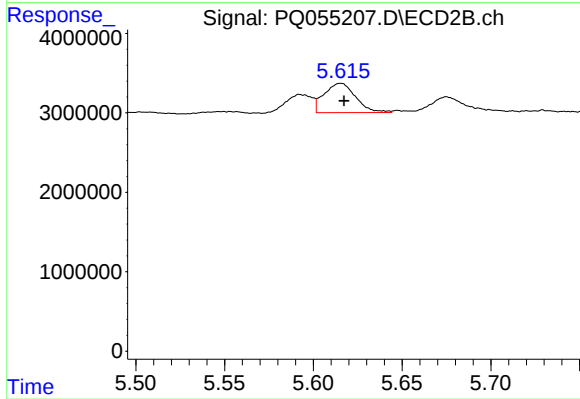
#11 AR-1232-1

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 3625478
Conc: 16.68 ng/ml



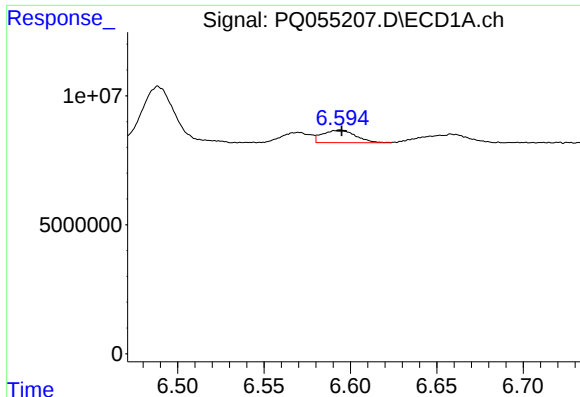
#12 AR-1232-2

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 7691020
Conc: 38.52 ng/ml



#12 AR-1232-2

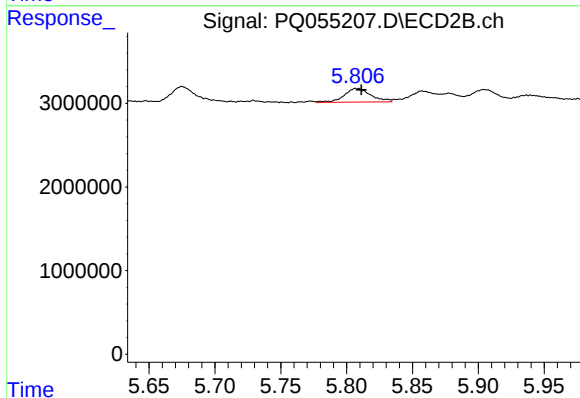
R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 4594468
Conc: 21.81 ng/ml



#13 AR-1232-3

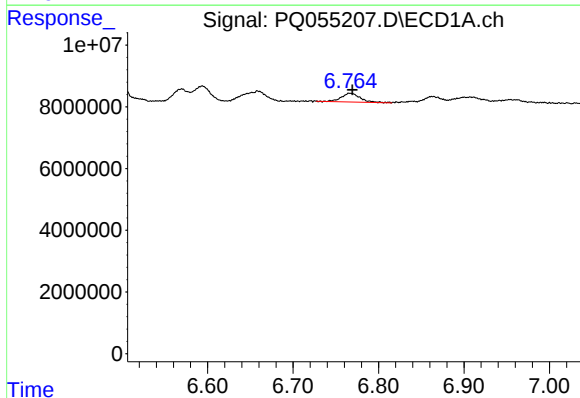
R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 6463805
Conc: 16.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



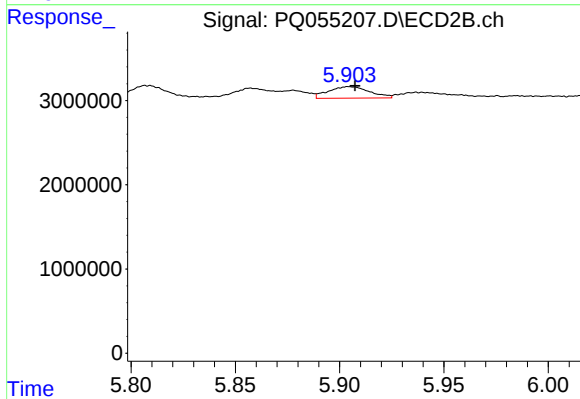
#13 AR-1232-3

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 2321991
Conc: 21.16 ng/ml



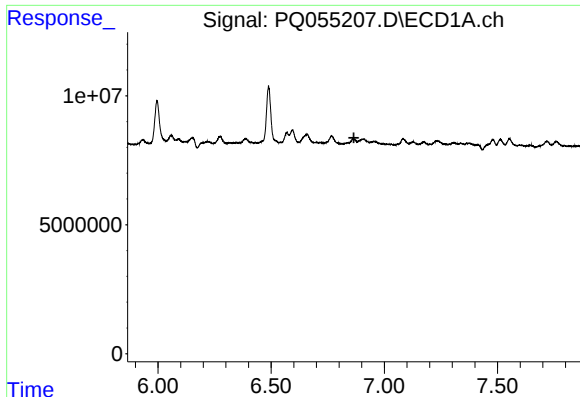
#14 AR-1232-4

R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 4364201
Conc: 21.31 ng/ml



#14 AR-1232-4

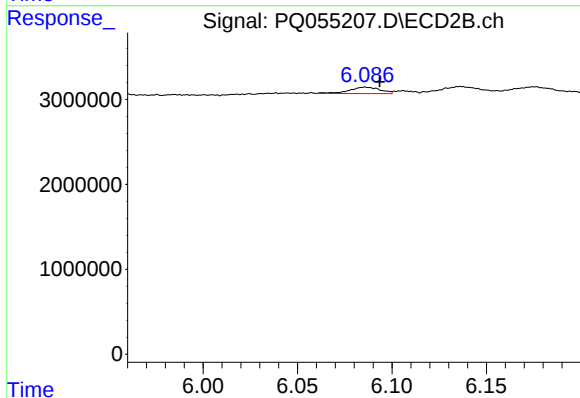
R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 1888999
Conc: 19.46 ng/ml



#15 AR-1232-5

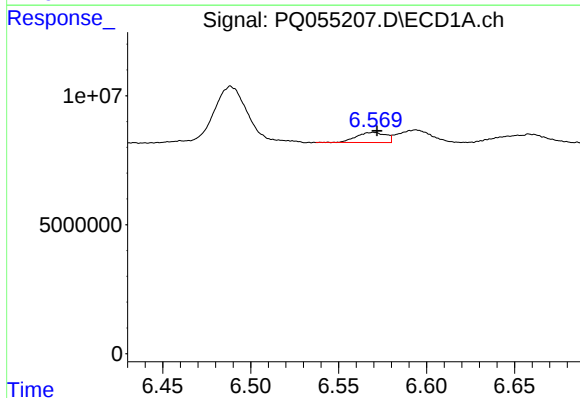
R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



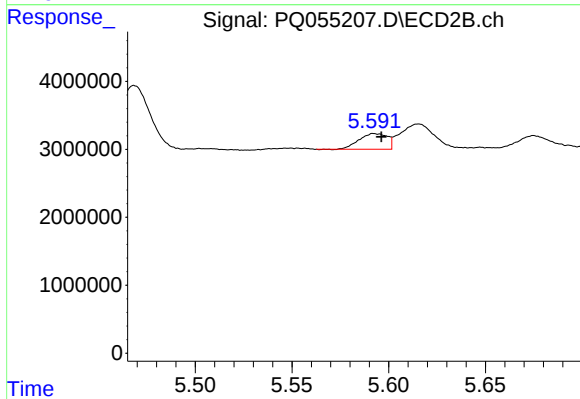
#15 AR-1232-5

R.T.: 6.086 min
Delta R.T.: -0.008 min
Response: 875465
Conc: 8.49 ng/ml



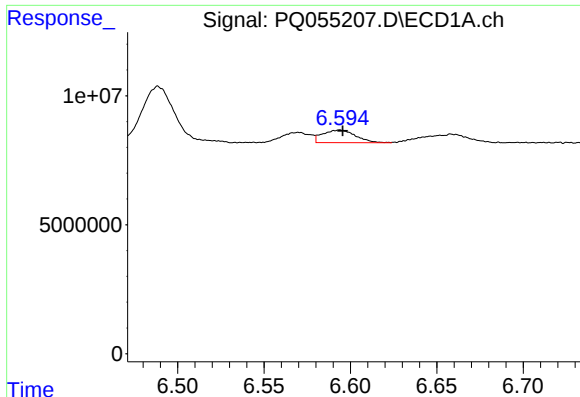
#16 AR-1242-1

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 4596112
Conc: 10.51 ng/ml



#16 AR-1242-1

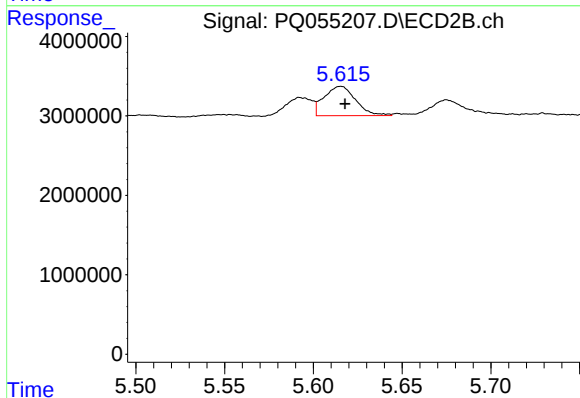
R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 2341098
Conc: 8.79 ng/ml



#17 AR-1242-2

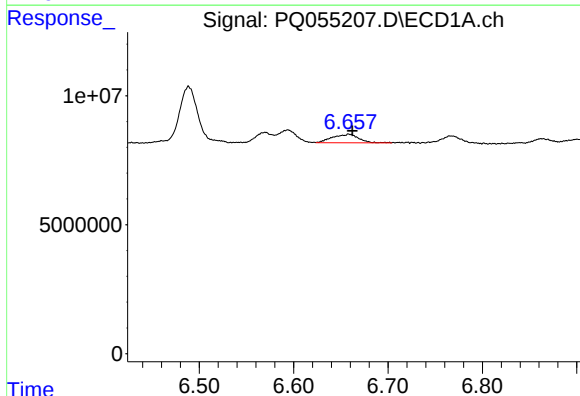
R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 6463805
Conc: 9.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



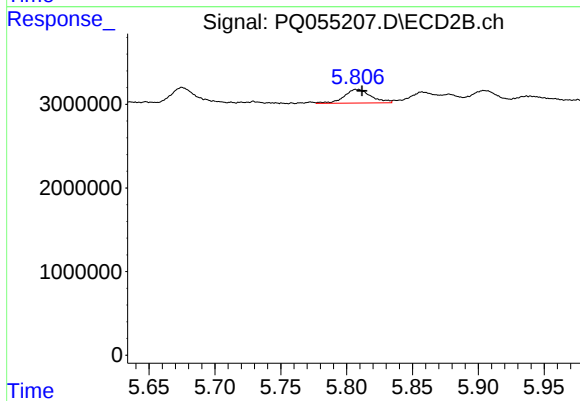
#17 AR-1242-2

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 4594468
Conc: 11.86 ng/ml



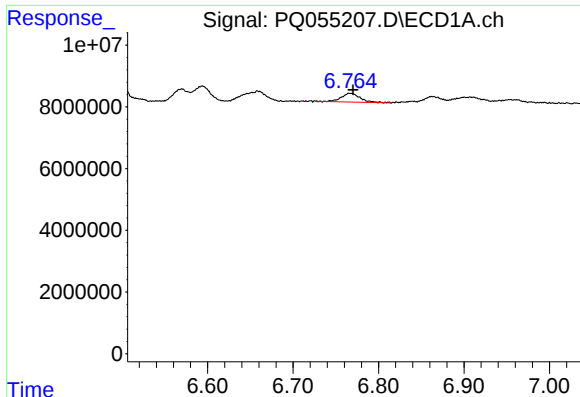
#18 AR-1242-3

R.T.: 6.659 min
Delta R.T.: -0.003 min
Response: 6267696
Conc: 14.82 ng/ml



#18 AR-1242-3

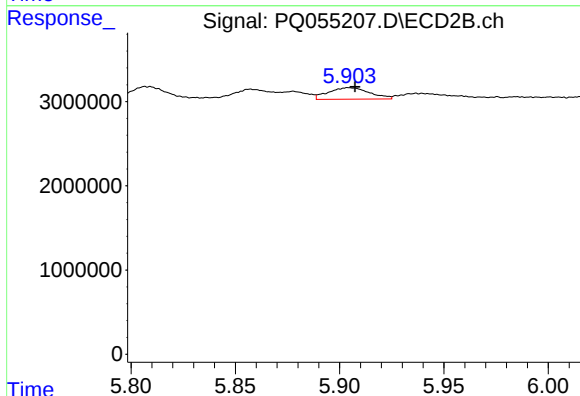
R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 2321991
Conc: 11.51 ng/ml



#19 AR-1242-4

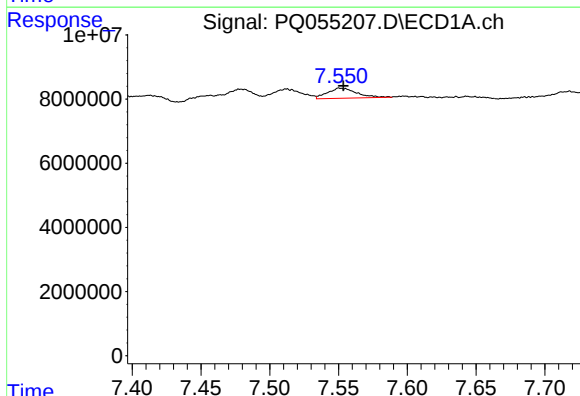
R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 4364201
Conc: 12.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



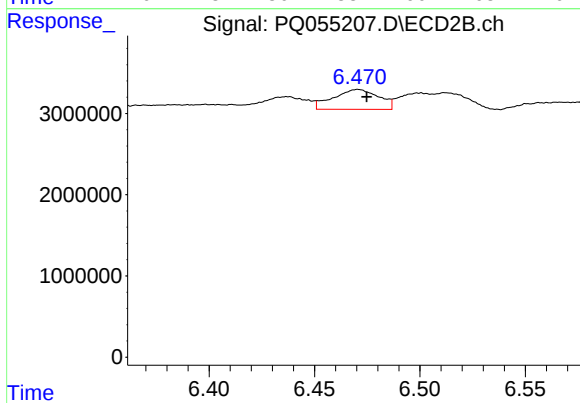
#19 AR-1242-4

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 1888999
Conc: 9.65 ng/ml



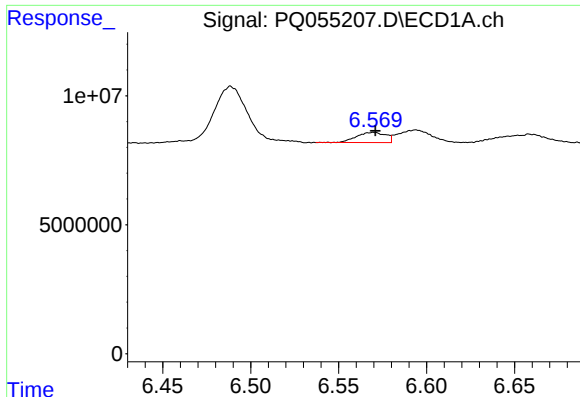
#20 AR-1242-5

R.T.: 7.551 min
Delta R.T.: -0.003 min
Response: 4713297
Conc: 12.90 ng/ml



#20 AR-1242-5

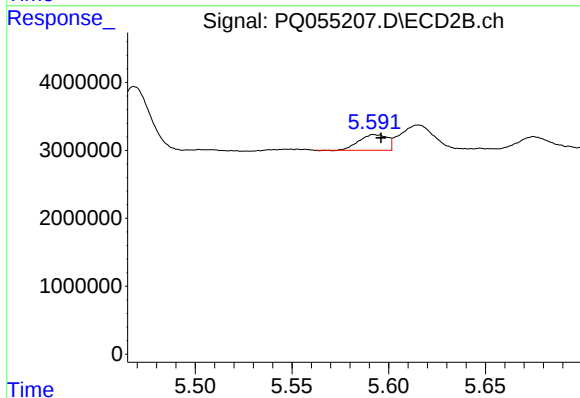
R.T.: 6.471 min
Delta R.T.: -0.004 min
Response: 3693411
Conc: 14.65 ng/ml



#21 AR-1248-1

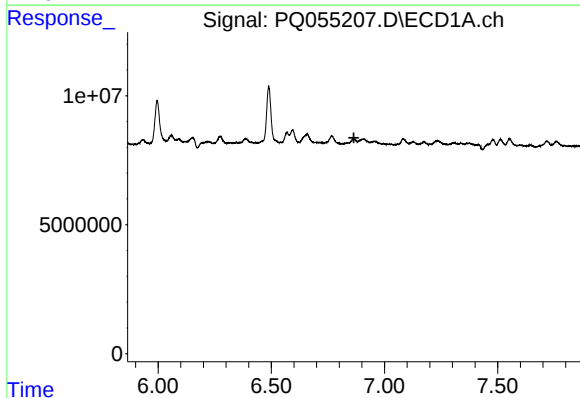
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 4596112
Conc: 13.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



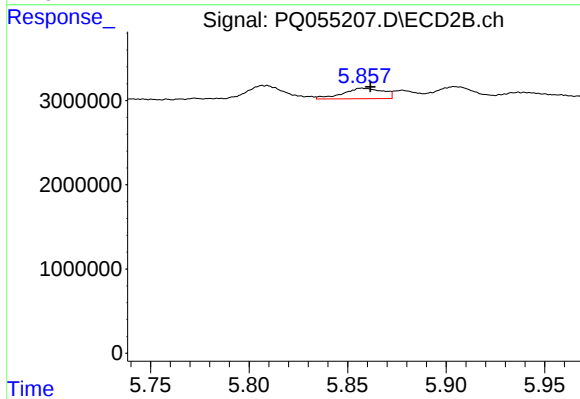
#21 AR-1248-1

R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 2341098
Conc: 11.70 ng/ml



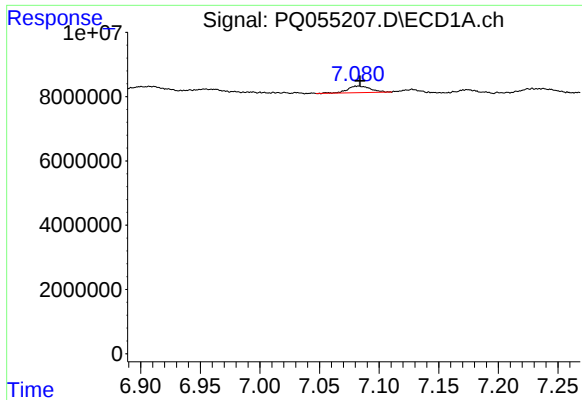
#22 AR-1248-2

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



#22 AR-1248-2

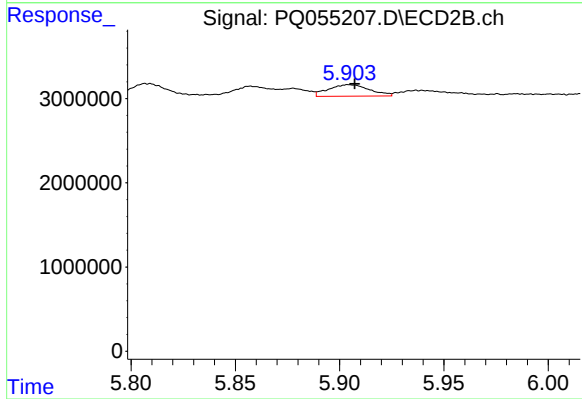
R.T.: 5.857 min
Delta R.T.: -0.004 min
Response: 1776880
Conc: 6.32 ng/ml



#23 AR-1248-3

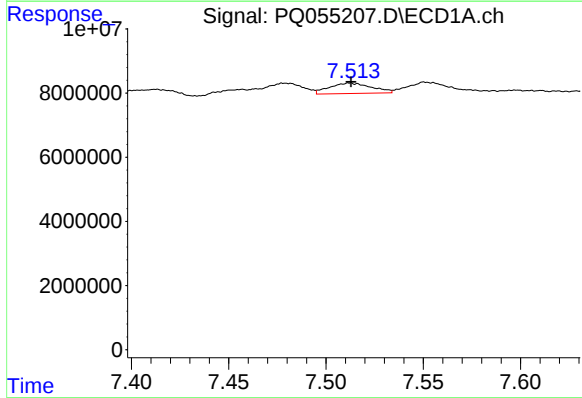
R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 2747170
Conc: 5.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



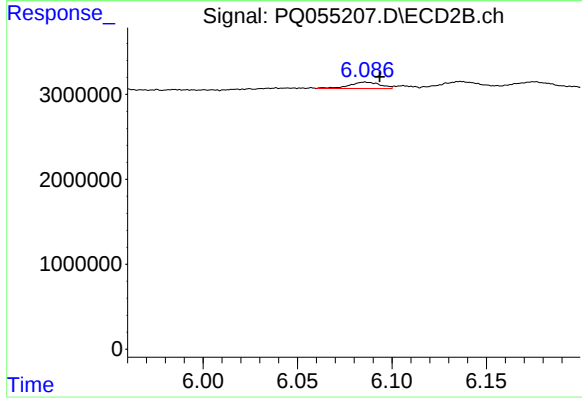
#23 AR-1248-3

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 1888999
Conc: 6.46 ng/ml



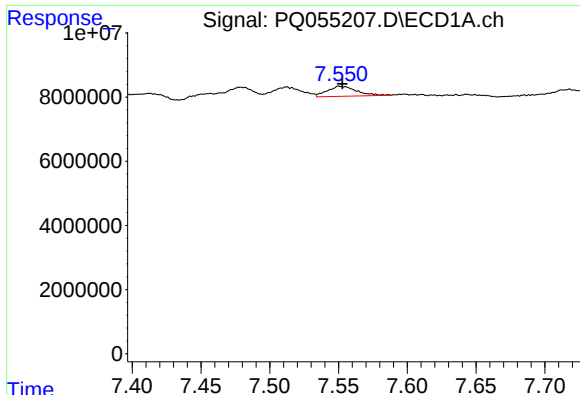
#24 AR-1248-4

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 4939922
Conc: 8.14 ng/ml



#24 AR-1248-4

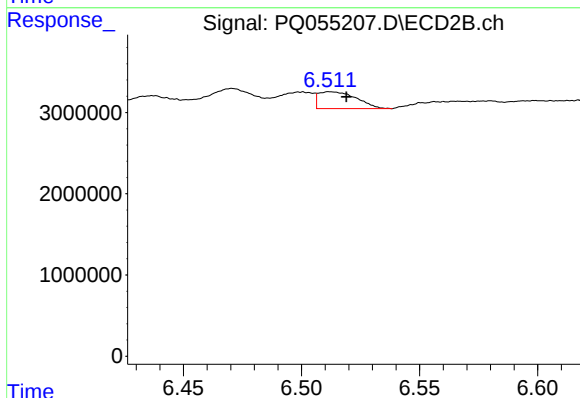
R.T.: 6.086 min
Delta R.T.: -0.008 min
Response: 875465
Conc: 2.51 ng/ml



#25 AR-1248-5

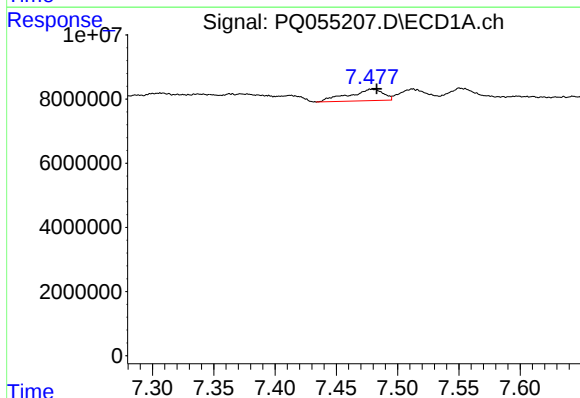
R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 4713297
Conc: 7.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



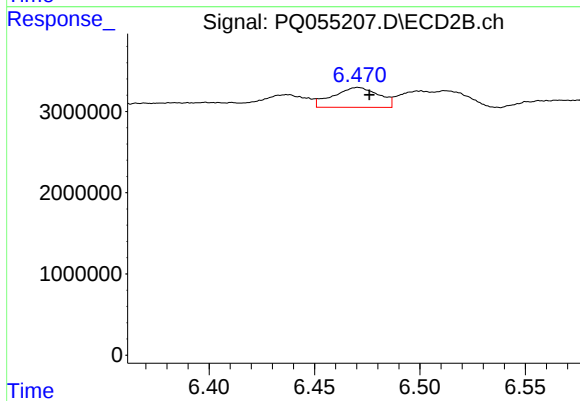
#25 AR-1248-5

R.T.: 6.512 min
Delta R.T.: -0.007 min
Response: 2328440
Conc: 6.69 ng/ml



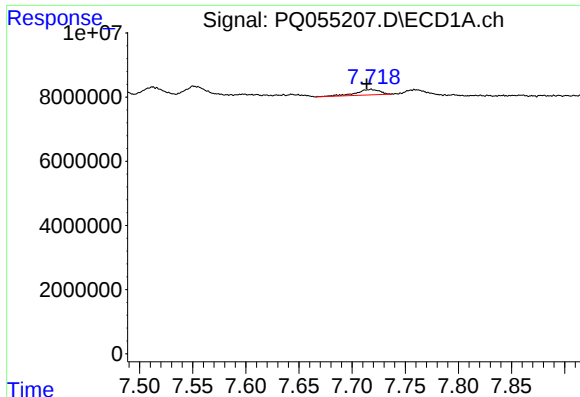
#26 AR-1254-1

R.T.: 7.479 min
Delta R.T.: -0.004 min
Response: 6959353
Conc: 11.85 ng/ml



#26 AR-1254-1

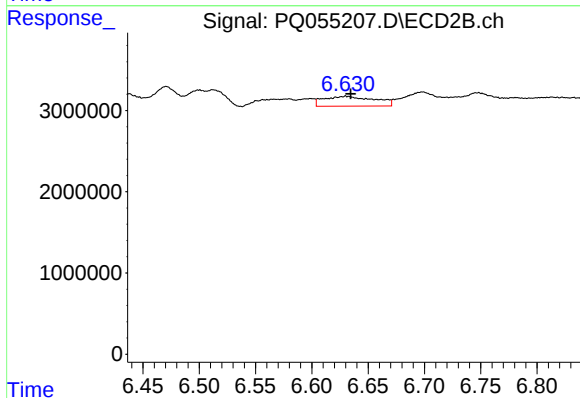
R.T.: 6.471 min
Delta R.T.: -0.005 min
Response: 3693411
Conc: 6.68 ng/ml



#27 AR-1254-2

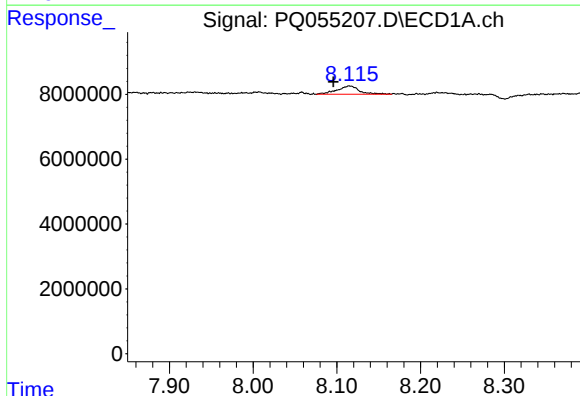
R.T.: 7.718 min
Delta R.T.: 0.004 min
Response: 2631976
Conc: 2.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



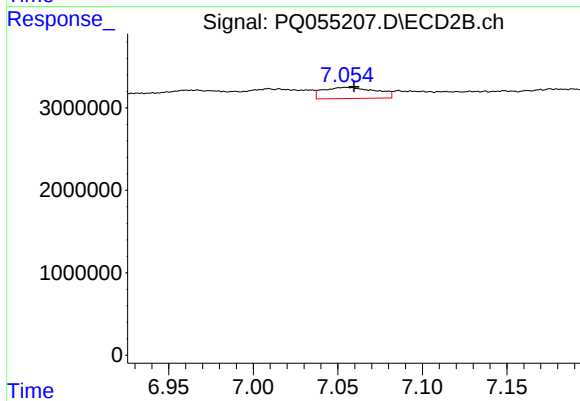
#27 AR-1254-2

R.T.: 6.630 min
Delta R.T.: -0.004 min
Response: 3815618
Conc: 8.06 ng/ml



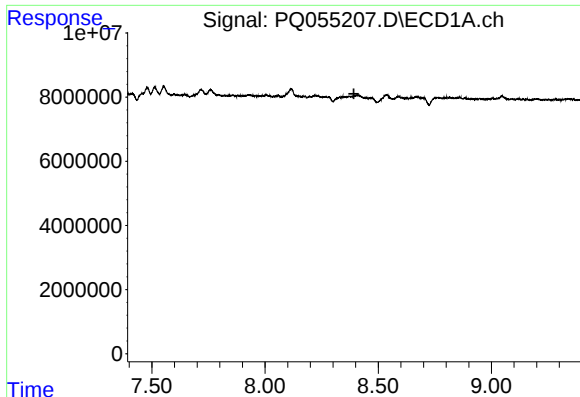
#28 AR-1254-3

R.T.: 8.115 min
Delta R.T.: 0.019 min
Response: 4644730
Conc: 4.56 ng/ml



#28 AR-1254-3

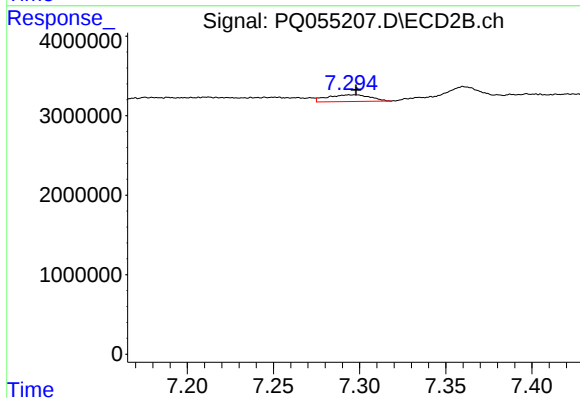
R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 2951673
Conc: 3.76 ng/ml



#29 AR-1254-4

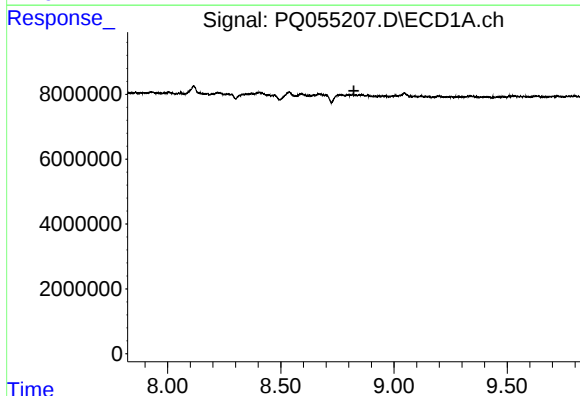
R.T.: 0.000 min
Exp R.T.: 8.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



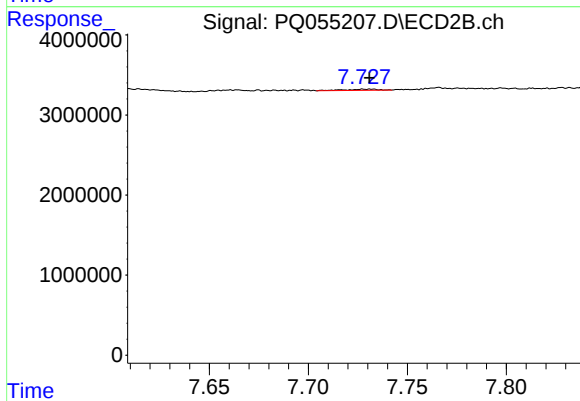
#29 AR-1254-4

R.T.: 7.297 min
Delta R.T.: -0.001 min
Response: 1470971
Conc: 3.08 ng/ml



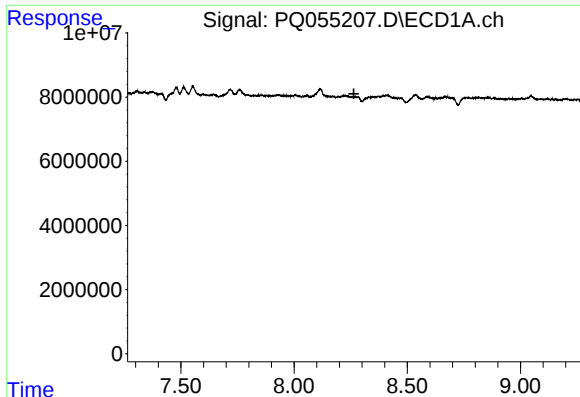
#30 AR-1254-5

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



#30 AR-1254-5

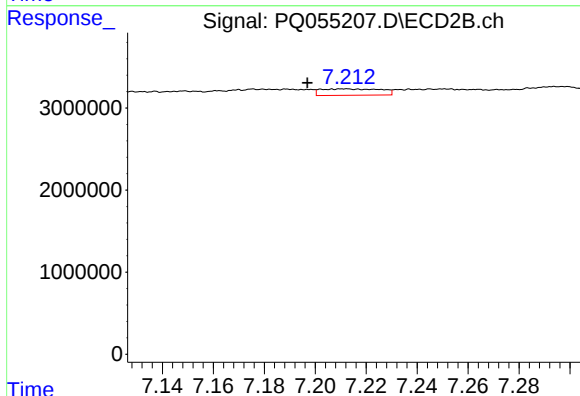
R.T.: 7.732 min
Delta R.T.: 0.000 min
Response: 166415
Conc: 0.25 ng/ml



#31 AR-1260-1

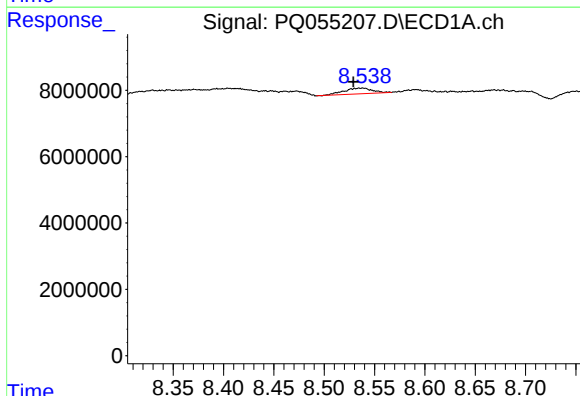
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



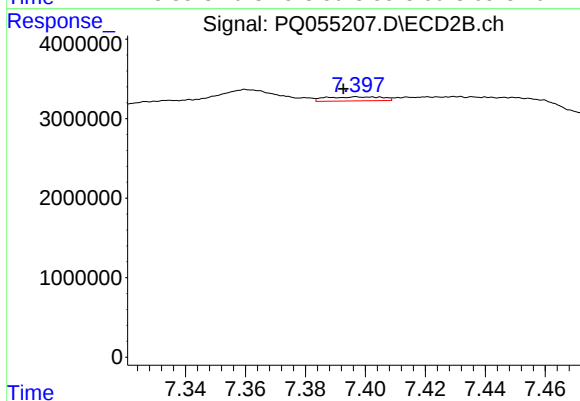
#31 AR-1260-1

R.T.: 7.212 min
Delta R.T.: 0.015 min
Response: 1269365
Conc: 2.53 ng/ml



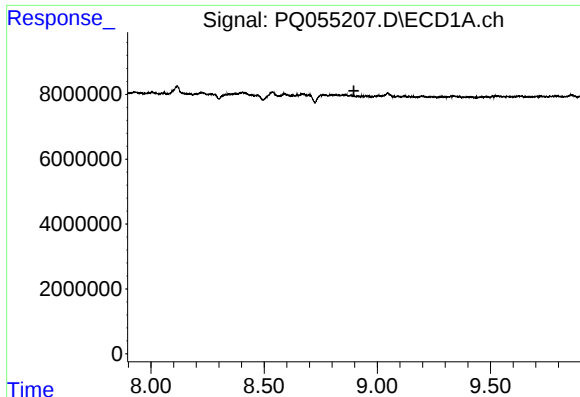
#32 AR-1260-2

R.T.: 8.538 min
Delta R.T.: 0.009 min
Response: 3428572
Conc: 4.13 ng/ml



#32 AR-1260-2

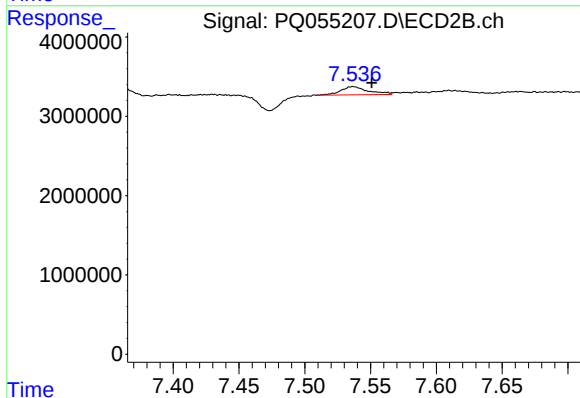
R.T.: 7.397 min
Delta R.T.: 0.005 min
Response: 664512
Conc: 1.10 ng/ml



#33 AR-1260-3

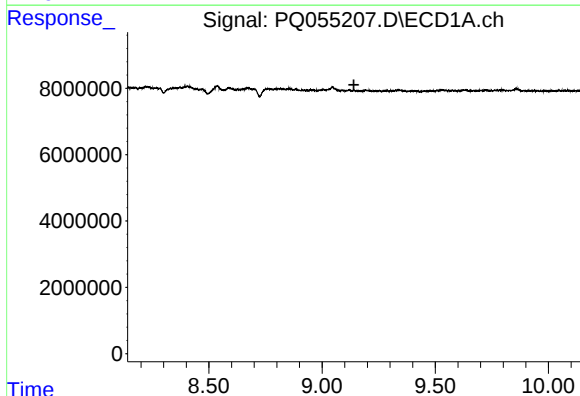
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



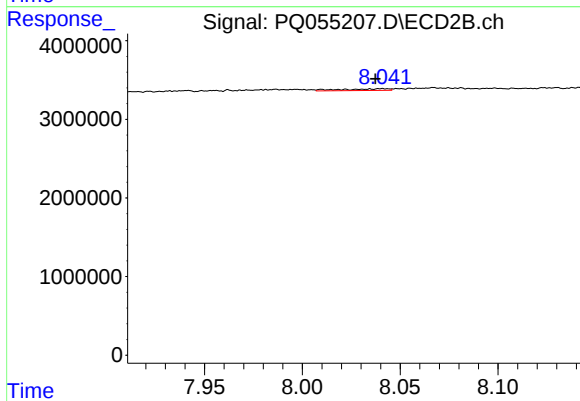
#33 AR-1260-3

R.T.: 7.537 min
Delta R.T.: -0.014 min
Response: 1526732
Conc: 2.67 ng/ml



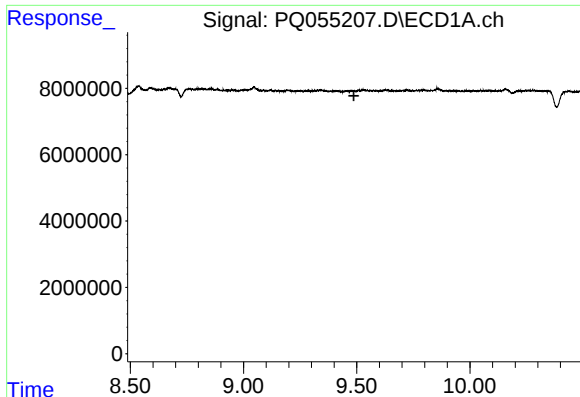
#34 AR-1260-4

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



#34 AR-1260-4

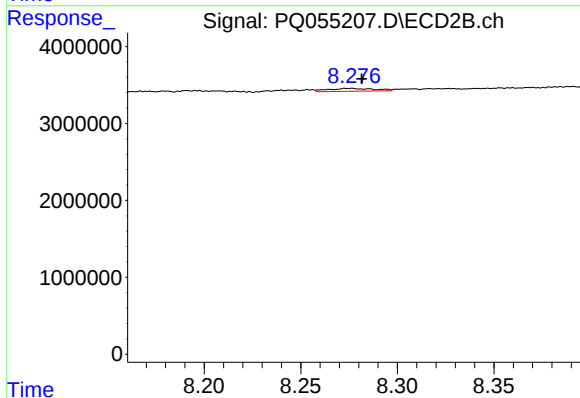
R.T.: 8.041 min
Delta R.T.: 0.004 min
Response: 360072
Conc: 0.76 ng/ml



#35 AR-1260-5

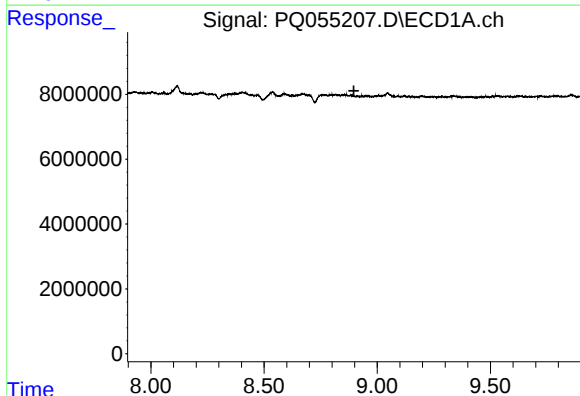
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



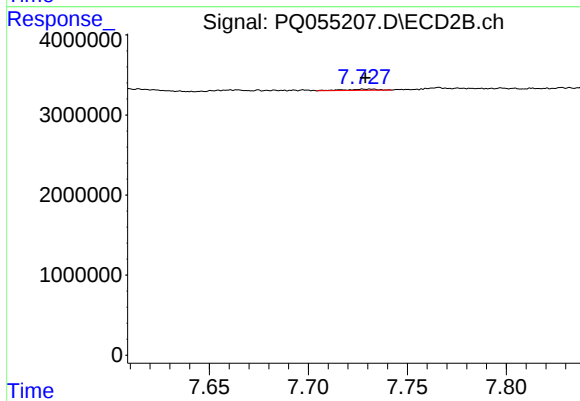
#35 AR-1260-5

R.T.: 8.276 min
Delta R.T.: -0.006 min
Response: 615301
Conc: 0.53 ng/ml



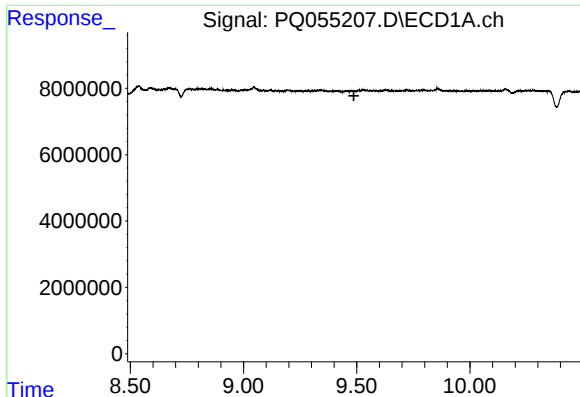
#36 AR-1262-1

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



#36 AR-1262-1

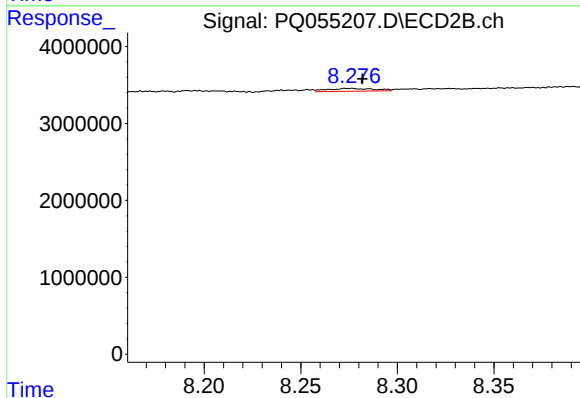
R.T.: 7.732 min
Delta R.T.: 0.003 min
Response: 166415
Conc: 0.49 ng/ml



#37 AR-1262-2

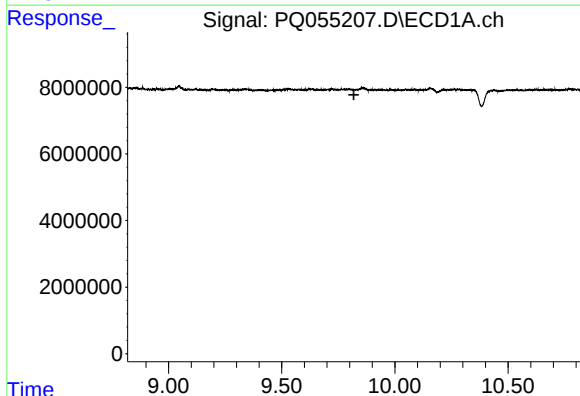
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



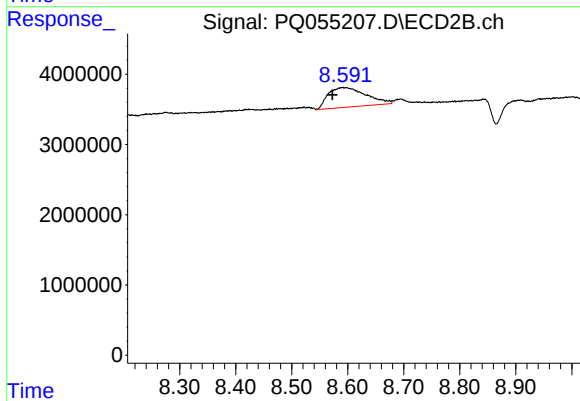
#37 AR-1262-2

R.T.: 8.276 min
Delta R.T.: -0.006 min
Response: 615301
Conc: 0.50 ng/ml



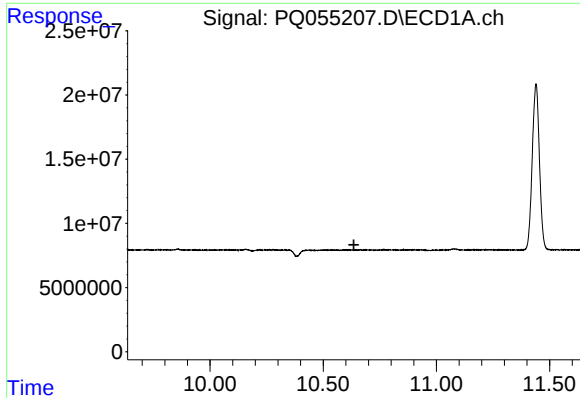
#38 AR-1262-3

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



#38 AR-1262-3

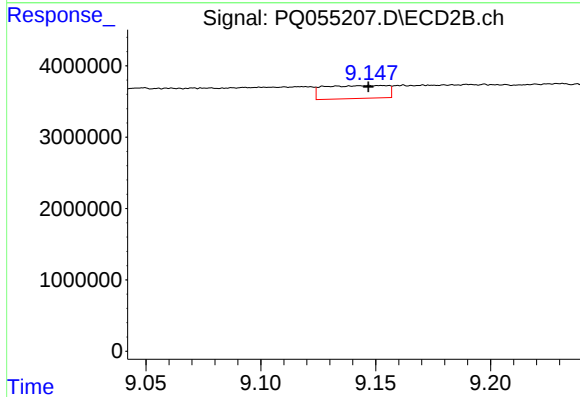
R.T.: 8.590 min
Delta R.T.: 0.018 min
Response: 13187405
Conc: 28.53 ng/ml



#40 AR-1262-5

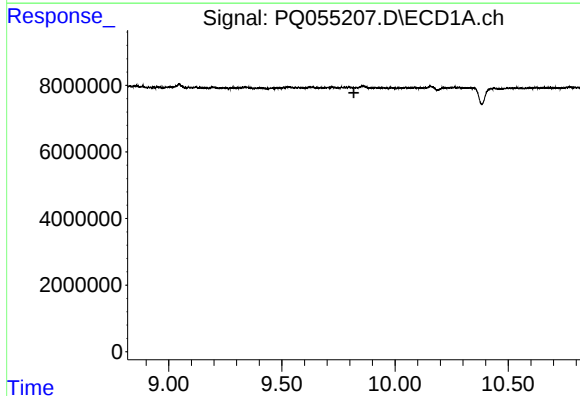
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



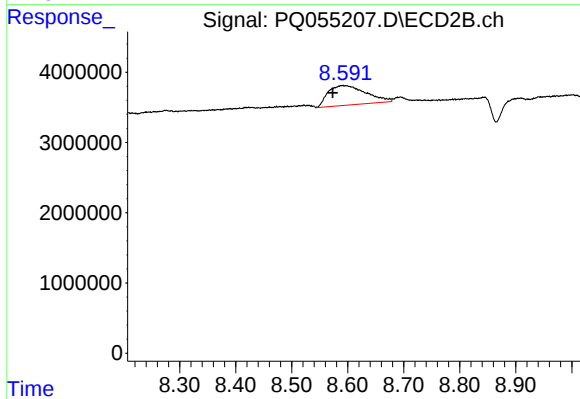
#40 AR-1262-5

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 3455884
Conc: 8.61 ng/ml



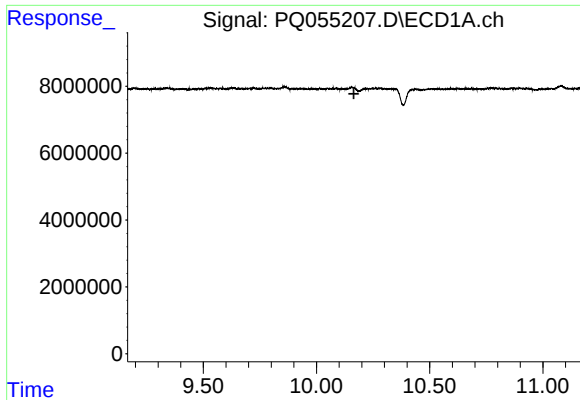
#41 AR-1268-1

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



#41 AR-1268-1

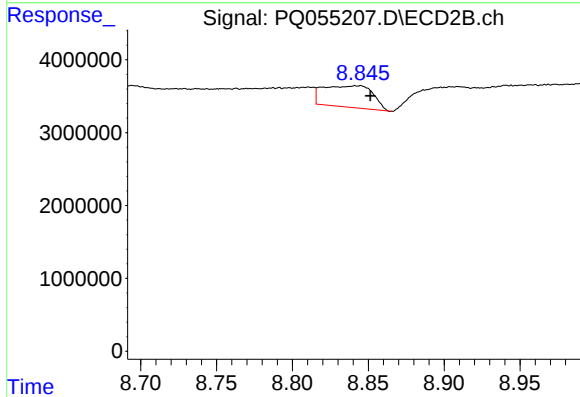
R.T.: 8.590 min
Delta R.T.: 0.017 min
Response: 13187405
Conc: 9.32 ng/ml



#43 AR-1268-3

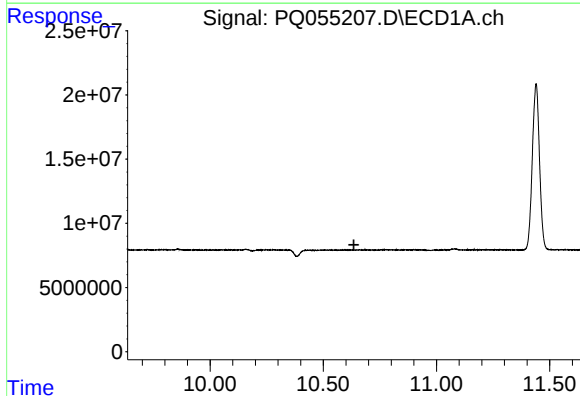
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



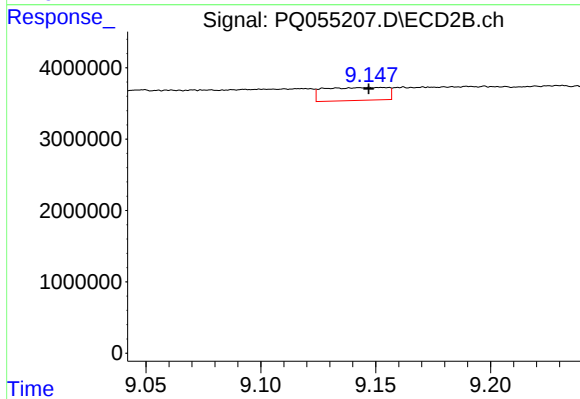
#43 AR-1268-3

R.T.: 8.843 min
Delta R.T.: -0.008 min
Response: 6750088
Conc: 6.17 ng/ml



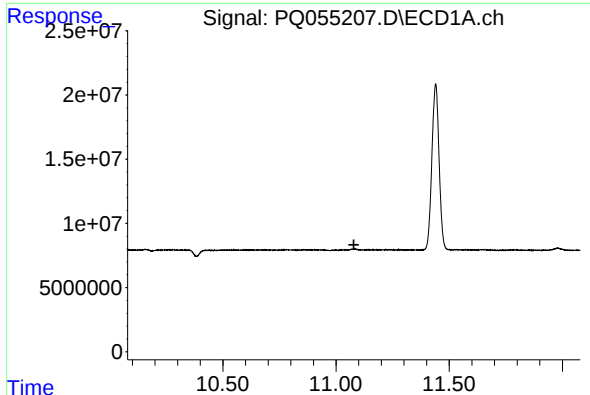
#44 AR-1268-4

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



#44 AR-1268-4

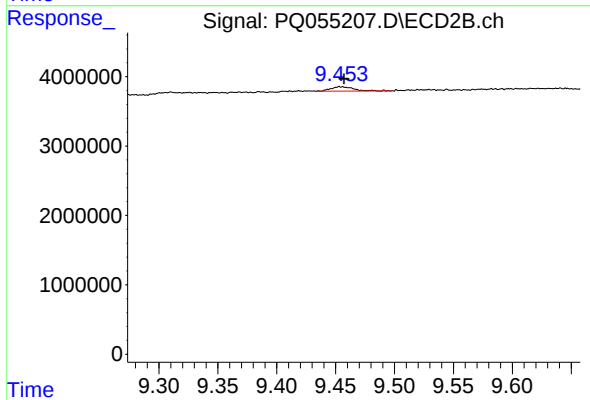
R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 3455884
Conc: 7.65 ng/ml



#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.: 9.454 min
Delta R.T.: -0.003 min
Response: 873769
Conc: 0.25 ng/ml