

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
 Data File : PQ052245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 14:23
 Operator : DD\AJ
 Sample : M1349-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:28:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 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...	5.231	4.250	455.2E6	154.8E6	18.537	18.459
2)	SA Decachlor...	11.419	9.591	718.3E6	270.4E6	35.049	35.061
Target Compounds							
3)	L1 AR-1016-1	6.553	5.519	1583088	149843	1.970	0.486 #
4)	L1 AR-1016-2	6.583	5.534	2710295	623204	2.296	1.453 #
5)	L1 AR-1016-3	6.643	0.000	677286	0	0.949	N.D. #
6)	L1 AR-1016-4	6.761	0.000	3248910	0	5.397	N.D. #
7)	L1 AR-1016-5	7.040	5.999	1148871	162814	2.042	0.762 #
8)	L2 AR-1221-1	5.487	0.000	21792566	0	85.448	N.D. #
9)	L2 AR-1221-2	5.587	4.606	13782628	1934444	78.358	30.571 #
10)	L2 AR-1221-3	5.670	4.695	10651874	221150	18.091	1.026 #
11)	L3 AR-1232-1	5.670	4.695	10651874	221150	21.676	1.223 #
12)	L3 AR-1232-2	6.245	5.534	36430759	623204	141.550	3.157 #
13)	L3 AR-1232-3	6.583	0.000	2710295	0	5.152	N.D. #
14)	L3 AR-1232-4	6.761	0.000	3248910	0	12.394	N.D. #
15)	L3 AR-1232-5	6.841	5.999	8609670	162814	46.604	1.830 #
16)	L4 AR-1242-1	6.553	5.519	1583088	149843	2.304	0.569 #
17)	L4 AR-1242-2	6.583	5.534	2710295	623204	2.685	1.696 #
18)	L4 AR-1242-3	6.643	0.000	677286	0	1.115	N.D. #
19)	L4 AR-1242-4	6.761	0.000	3248910	0	6.389	N.D. #
20)	L4 AR-1242-5	7.545	6.382	39122901	1172666	69.347	4.677 #
21)	L5 AR-1248-1	6.553	5.519	1583088	149843	2.890	0.729 #
22)	L5 AR-1248-2	6.841	0.000	8609670	0	11.201	N.D. #
23)	L5 AR-1248-3	7.040	0.000	1148871	0	1.301	N.D. #
24)	L5 AR-1248-4	7.498	5.999	9836647	162814	9.461	0.489 #
25)	L5 AR-1248-5	7.545	6.382f	39122901	1172666	38.192	3.280 #
26)	L6 AR-1254-1	7.490	6.382	19913336	1172666	20.045	2.199 #
27)	L6 AR-1254-2	7.689	6.538	36775119	2810824	23.793	6.156 #
28)	L6 AR-1254-3	8.075	6.959	58303957	4100191	34.496	5.452 #
29)	L6 AR-1254-4	8.369	7.198	29807256	5633307	23.764	11.165 #
30)	L6 AR-1254-5	8.796	7.628	19441822	4317858	14.468	6.348 #
31)	L7 AR-1260-1	8.236	7.091	20193473	4059332	20.206	9.911 #
32)	L7 AR-1260-2	8.502	7.292	28406938	2099295	23.128	3.954 #
33)	L7 AR-1260-3	8.883	7.456	17258460	5065186	18.872	10.598 #
34)	L7 AR-1260-4	9.182f	7.921	20105184	2005698	18.661	4.952 #
35)	L7 AR-1260-5	9.455	8.177	4528327	1272950	1.996	1.182 #
36)	L8 AR-1262-1	8.883	7.628	17258460	4317858	10.962	12.504
37)	L8 AR-1262-2	9.455	8.177	4528327	1272950	1.512	0.949 #
38)	L8 AR-1262-3	9.776	8.466	6097508	2855643	3.063	5.462 #
39)	L8 AR-1262-4	9.877	8.489f	2250546	700418	1.479	0.717 #
40)	L8 AR-1262-5	10.654f	0.000	7978111	0	7.332	N.D. #
41)	L9 AR-1268-1	9.776	8.466	6097508	2855643	1.735	1.773

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
 Data File : PQ052245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 14:23
 Operator : DD\AJ
 Sample : M1349-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

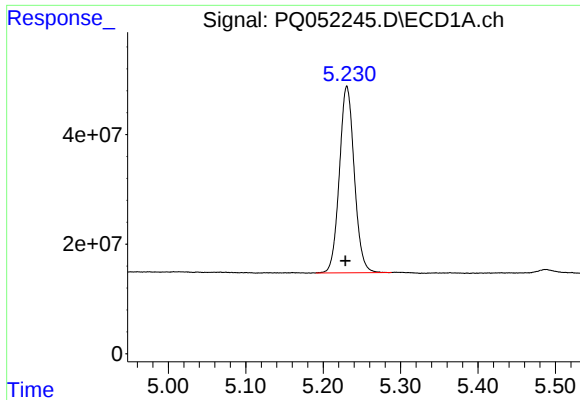
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:28:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 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
42) L9	AR-1268-2	9.877	8.489f	2250546	700418	0.685	0.470 #
43) L9	AR-1268-3	10.138	8.778f	3259775	2595006	1.172	2.069 #
44) L9	AR-1268-4	10.654f	0.000	7978111	0	6.542	N.D. #
45) L9	AR-1268-5	11.053	9.329	9126098	2178675	0.934	0.542 #

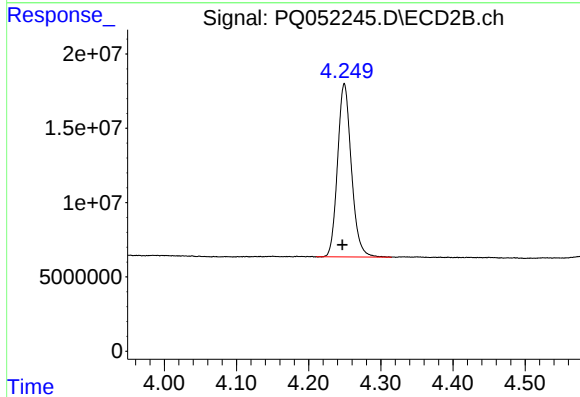
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

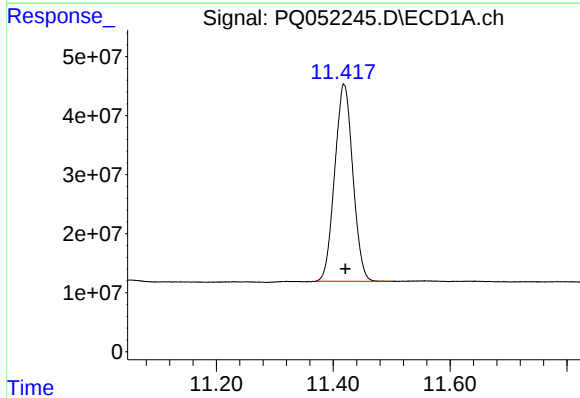
R.T.: 5.231 min
Delta R.T.: 0.002 min
Response: 455233439
Conc: 18.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



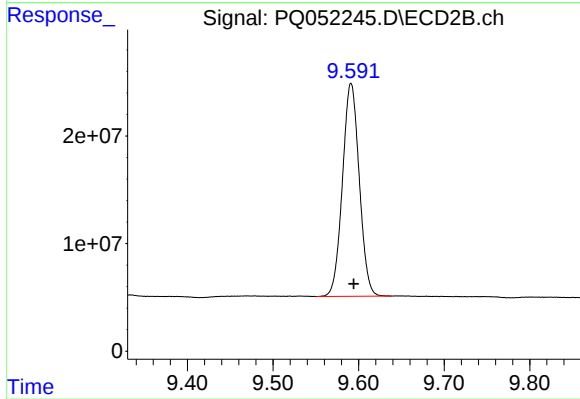
#1 Tetrachloro-m-xylene

R.T.: 4.250 min
Delta R.T.: 0.003 min
Response: 154837127
Conc: 18.46 ng/ml



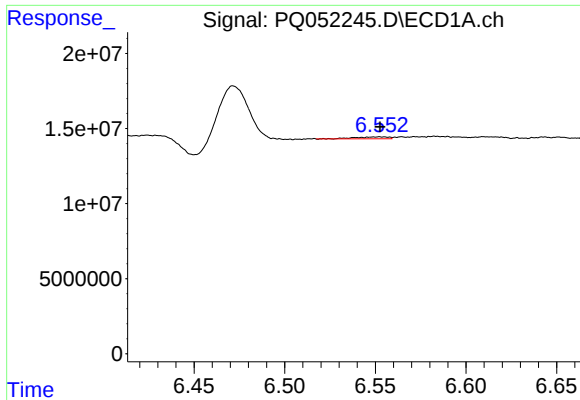
#2 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: -0.002 min
Response: 718337967
Conc: 35.05 ng/ml



#2 Decachlorobiphenyl

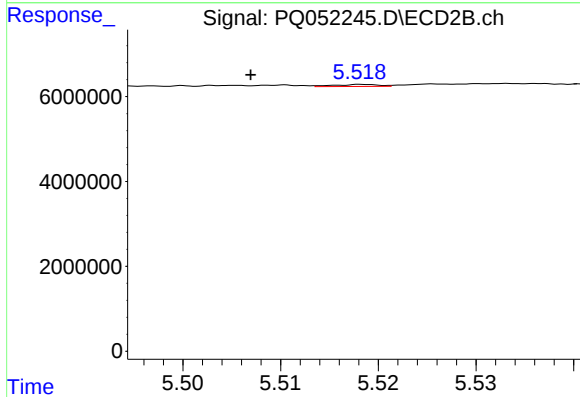
R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 270419652
Conc: 35.06 ng/ml



#3 AR-1016-1

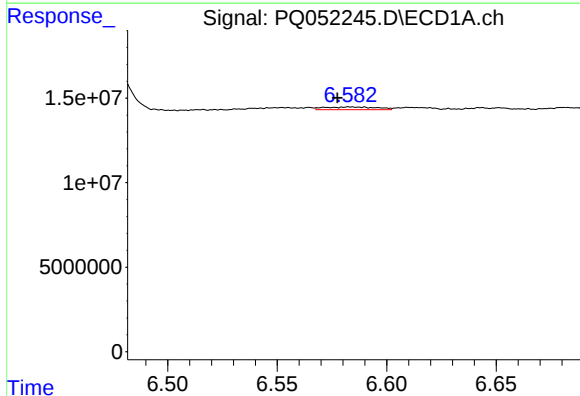
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 1583088
Conc: 1.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



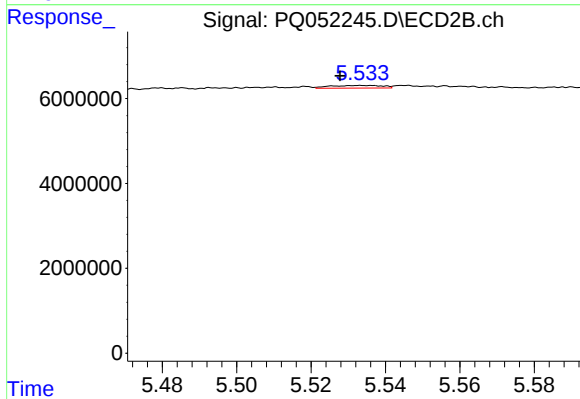
#3 AR-1016-1

R.T.: 5.519 min
Delta R.T.: 0.012 min
Response: 149843
Conc: 0.49 ng/ml



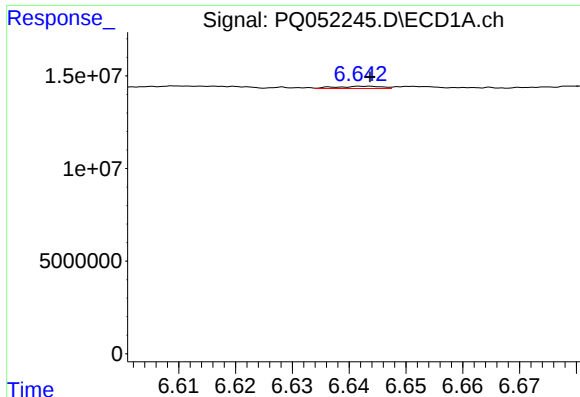
#4 AR-1016-2

R.T.: 6.583 min
Delta R.T.: 0.005 min
Response: 2710295
Conc: 2.30 ng/ml



#4 AR-1016-2

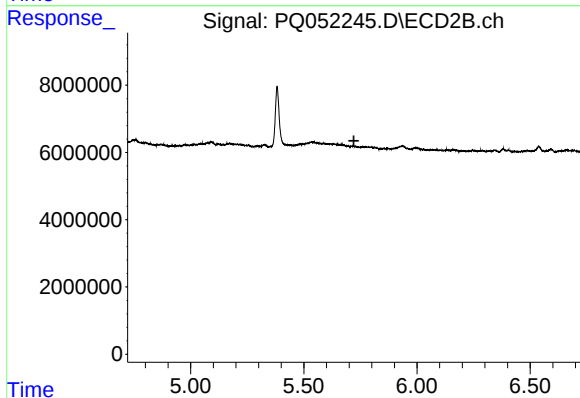
R.T.: 5.534 min
Delta R.T.: 0.006 min
Response: 623204
Conc: 1.45 ng/ml



#5 AR-1016-3

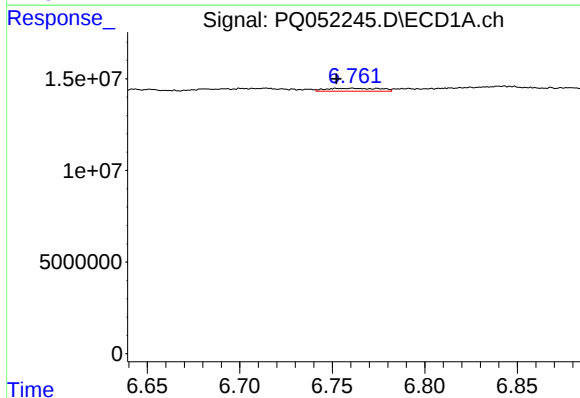
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 677286
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



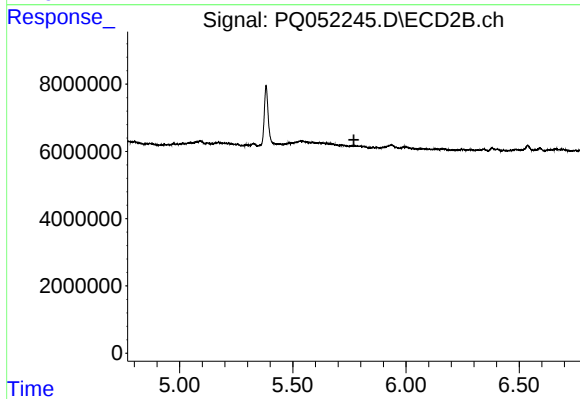
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.721 min
Response: 0
Conc: N.D.



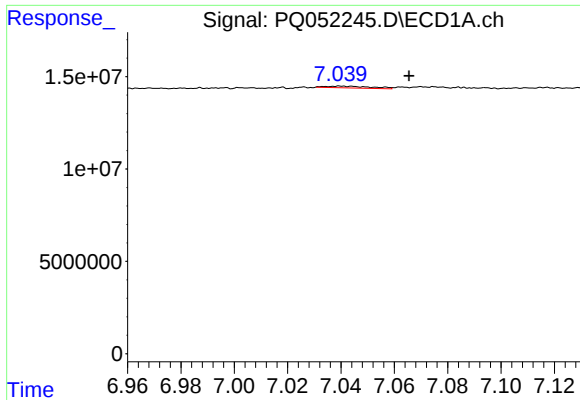
#6 AR-1016-4

R.T.: 6.761 min
Delta R.T.: 0.009 min
Response: 3248910
Conc: 5.40 ng/ml



#6 AR-1016-4

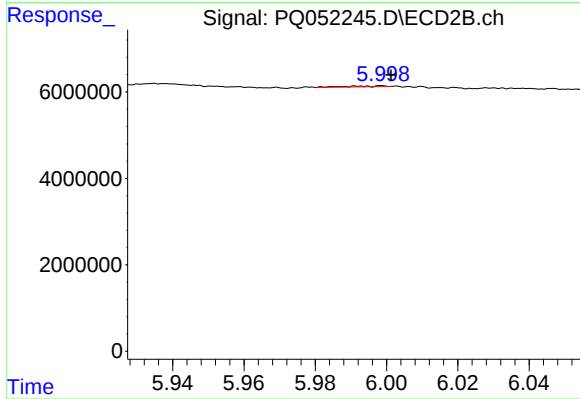
R.T.: 0.000 min
Exp R.T. : 5.770 min
Response: 0
Conc: N.D.



#7 AR-1016-5

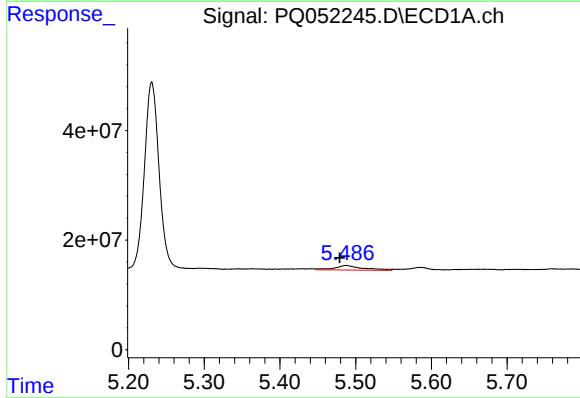
R.T.: 7.040 min
Delta R.T.: -0.026 min
Response: 1148871
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



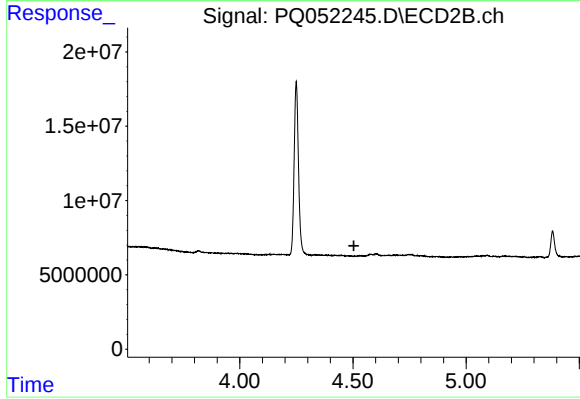
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 162814
Conc: 0.76 ng/ml



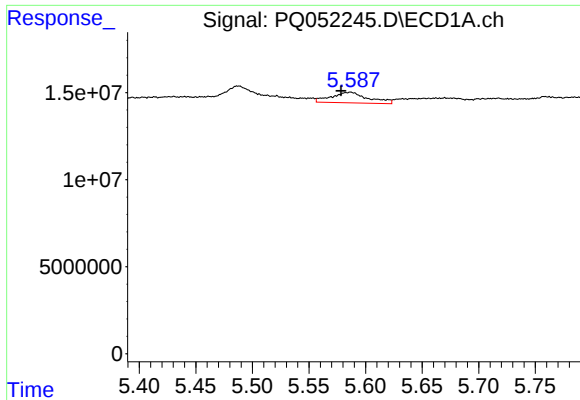
#8 AR-1221-1

R.T.: 5.487 min
Delta R.T.: 0.008 min
Response: 21792566
Conc: 85.45 ng/ml



#8 AR-1221-1

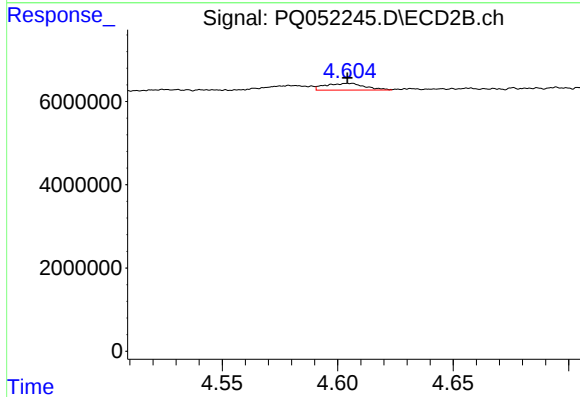
R.T.: 0.000 min
Exp R.T.: 4.504 min
Response: 0
Conc: N.D.



#9 AR-1221-2

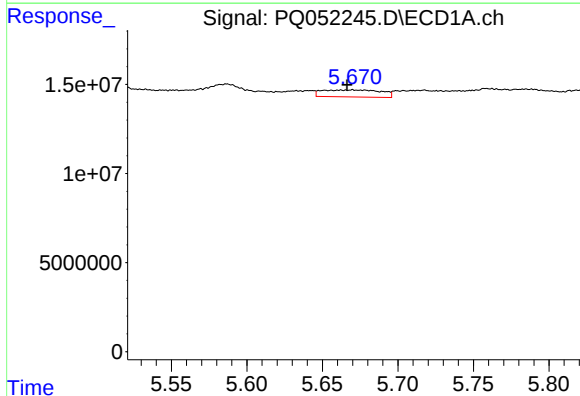
R.T.: 5.587 min
Delta R.T.: 0.008 min
Response: 13782628
Conc: 78.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



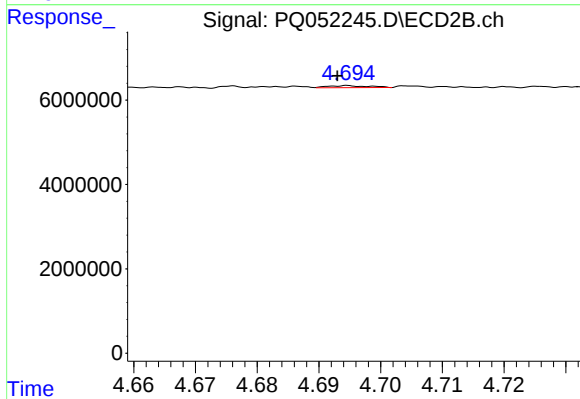
#9 AR-1221-2

R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 1934444
Conc: 30.57 ng/ml



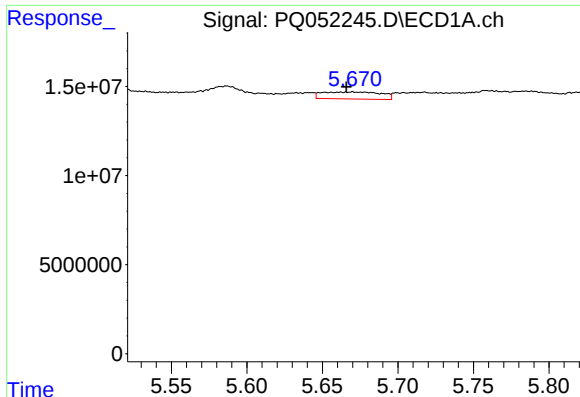
#10 AR-1221-3

R.T.: 5.670 min
Delta R.T.: 0.004 min
Response: 10651874
Conc: 18.09 ng/ml



#10 AR-1221-3

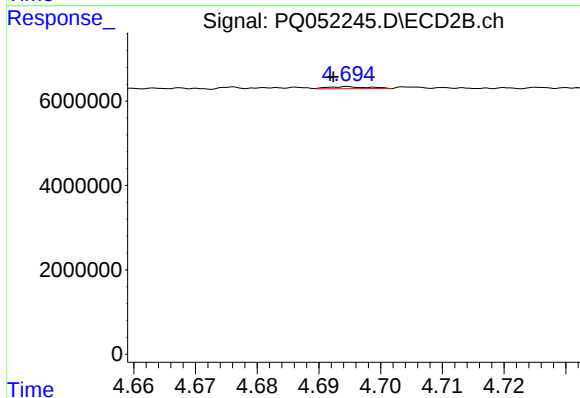
R.T.: 4.695 min
Delta R.T.: 0.002 min
Response: 221150
Conc: 1.03 ng/ml



#11 AR-1232-1

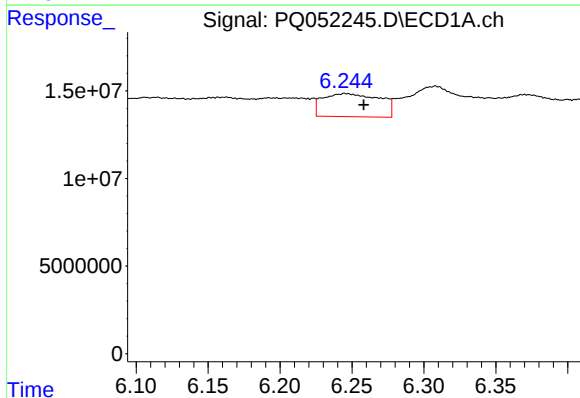
R.T.: 5.670 min
Delta R.T.: 0.005 min
Response: 10651874
Conc: 21.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



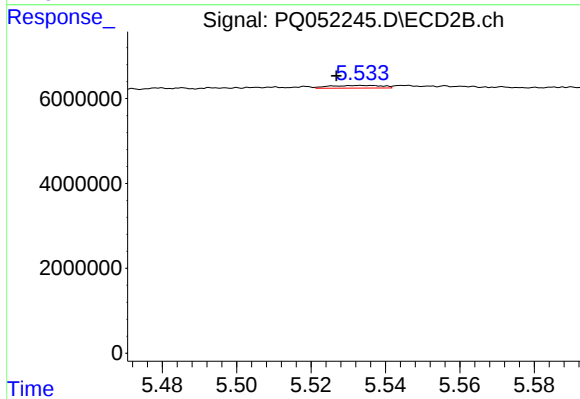
#11 AR-1232-1

R.T.: 4.695 min
Delta R.T.: 0.002 min
Response: 221150
Conc: 1.22 ng/ml



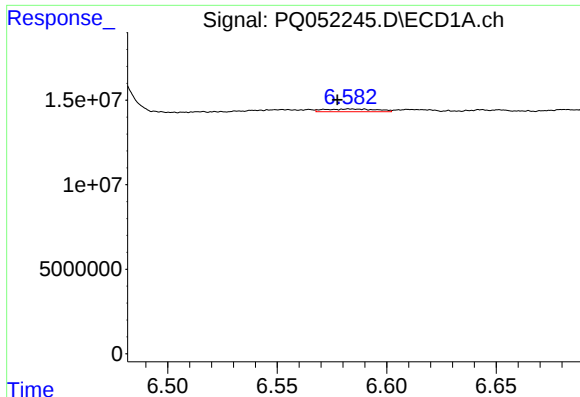
#12 AR-1232-2

R.T.: 6.245 min
Delta R.T.: -0.013 min
Response: 36430759
Conc: 141.55 ng/ml



#12 AR-1232-2

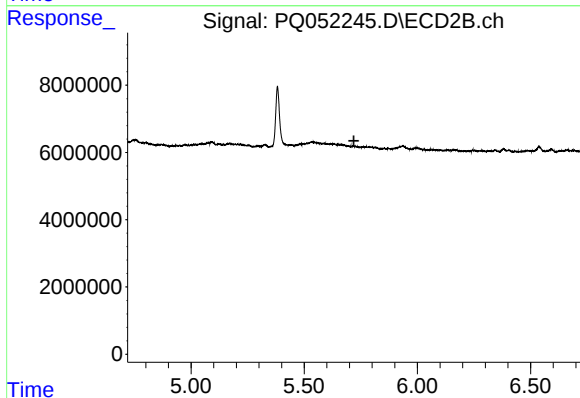
R.T.: 5.534 min
Delta R.T.: 0.007 min
Response: 623204
Conc: 3.16 ng/ml



#13 AR-1232-3

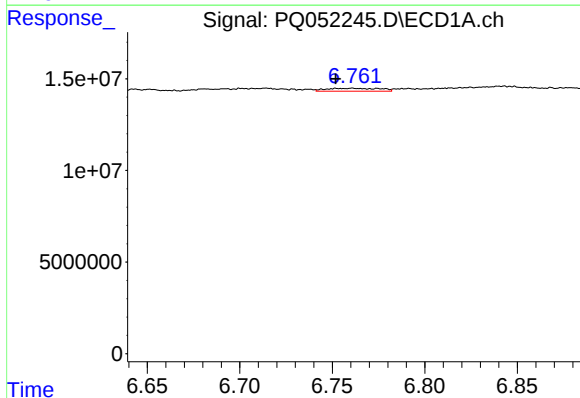
R.T.: 6.583 min
Delta R.T.: 0.006 min
Response: 2710295
Conc: 5.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



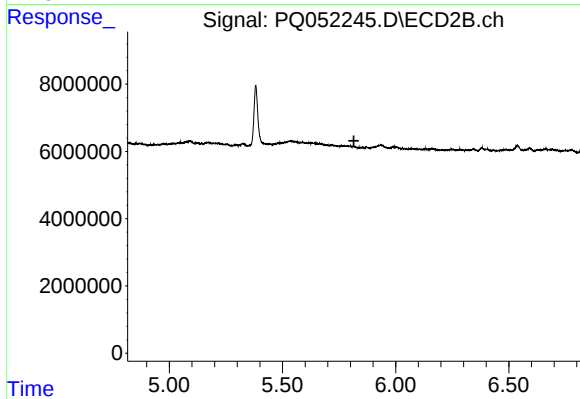
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.719 min
Response: 0
Conc: N.D.



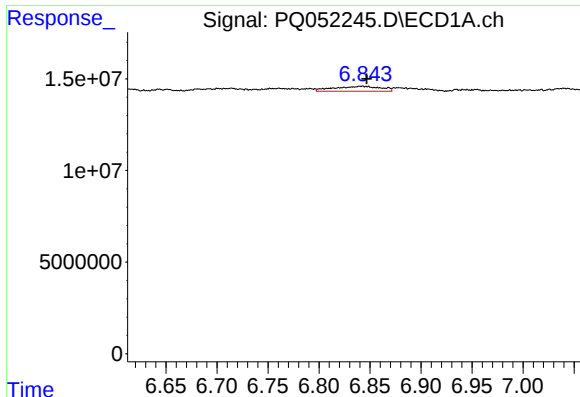
#14 AR-1232-4

R.T.: 6.761 min
Delta R.T.: 0.009 min
Response: 3248910
Conc: 12.39 ng/ml



#14 AR-1232-4

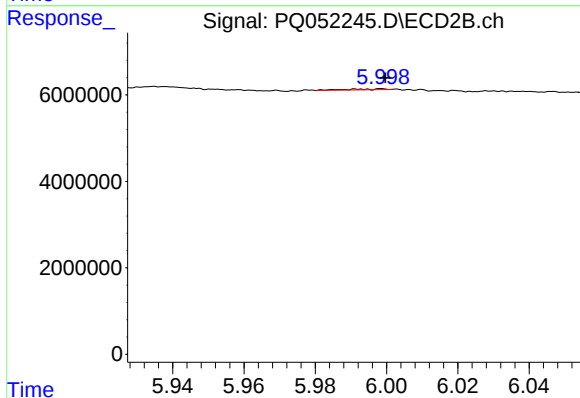
R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



#15 AR-1232-5

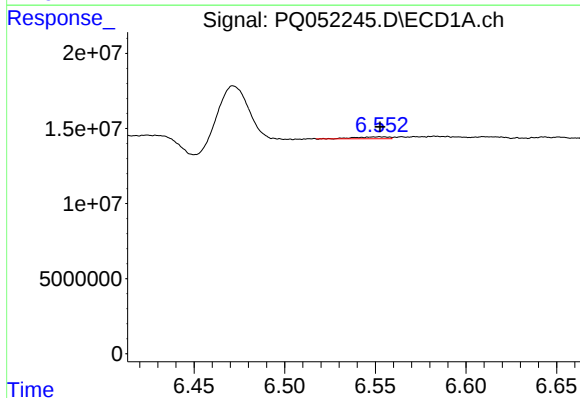
R.T.: 6.841 min
Delta R.T.: -0.005 min
Response: 8609670
Conc: 46.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



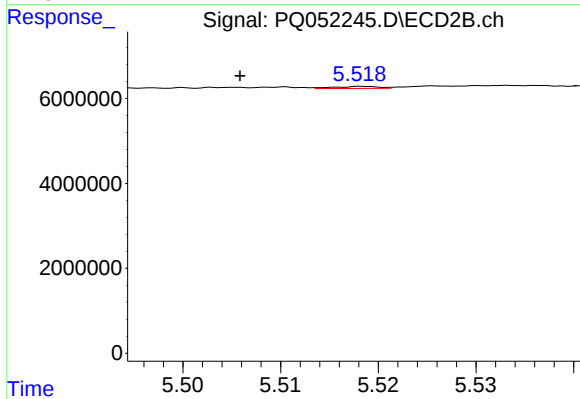
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 162814
Conc: 1.83 ng/ml



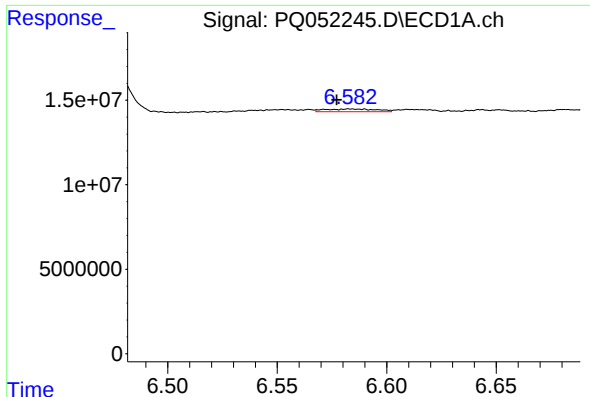
#16 AR-1242-1

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 1583088
Conc: 2.30 ng/ml



#16 AR-1242-1

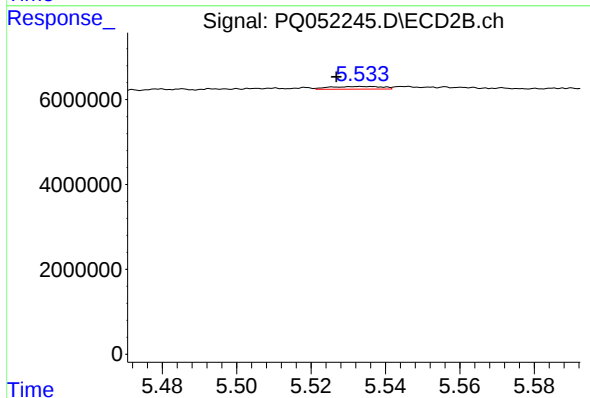
R.T.: 5.519 min
Delta R.T.: 0.013 min
Response: 149843
Conc: 0.57 ng/ml



#17 AR-1242-2

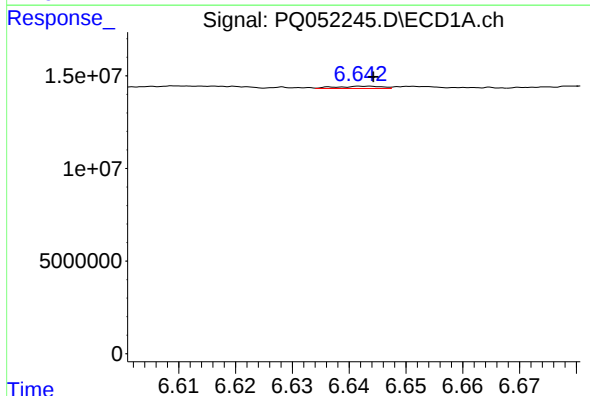
R.T.: 6.583 min
Delta R.T.: 0.006 min
Response: 2710295
Conc: 2.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



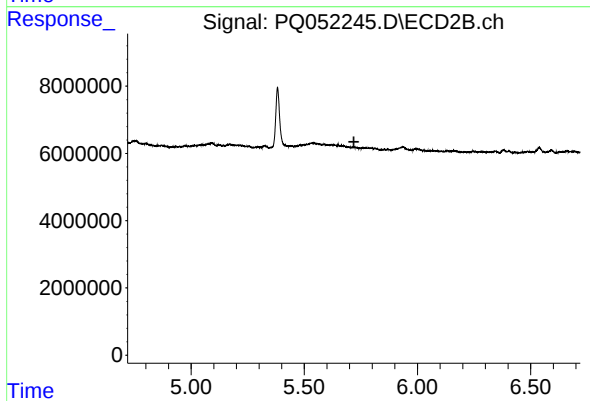
#17 AR-1242-2

R.T.: 5.534 min
Delta R.T.: 0.007 min
Response: 623204
Conc: 1.70 ng/ml



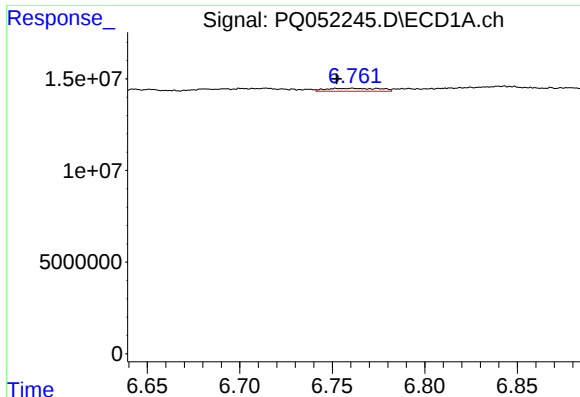
#18 AR-1242-3

R.T.: 6.643 min
Delta R.T.: -0.001 min
Response: 677286
Conc: 1.12 ng/ml



#18 AR-1242-3

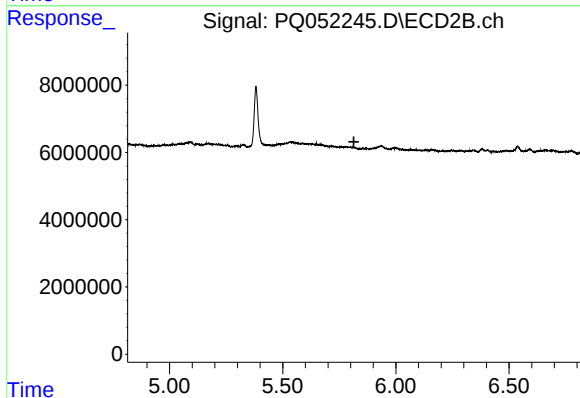
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.



#19 AR-1242-4

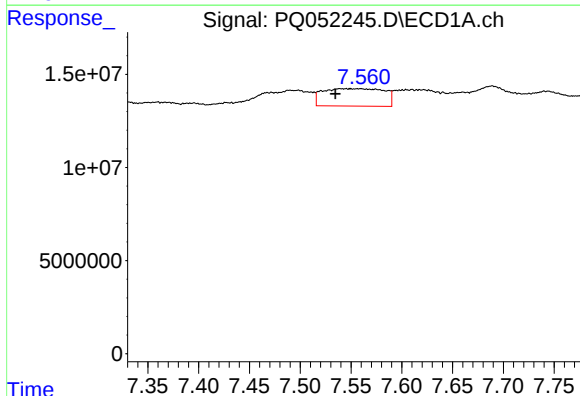
R.T.: 6.761 min
Delta R.T.: 0.009 min
Response: 3248910
Conc: 6.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



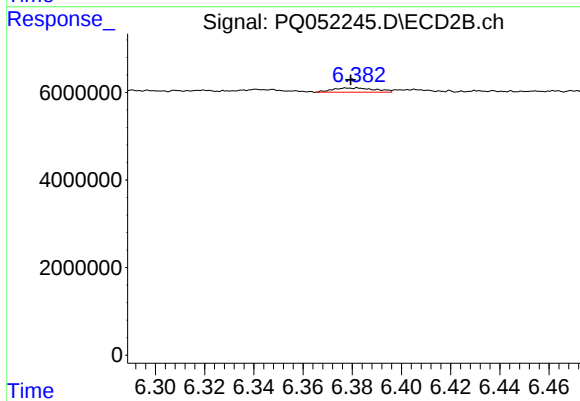
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



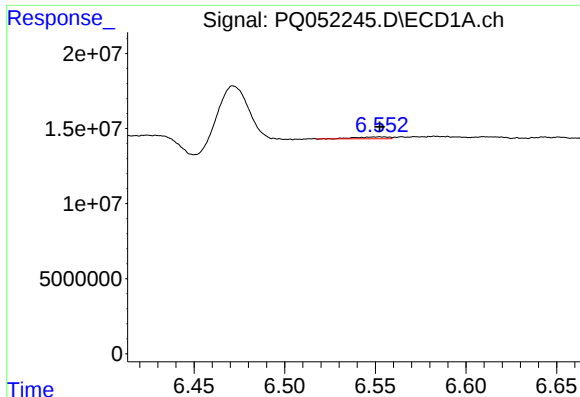
#20 AR-1242-5

R.T.: 7.545 min
Delta R.T.: 0.010 min
Response: 39122901
Conc: 69.35 ng/ml



#20 AR-1242-5

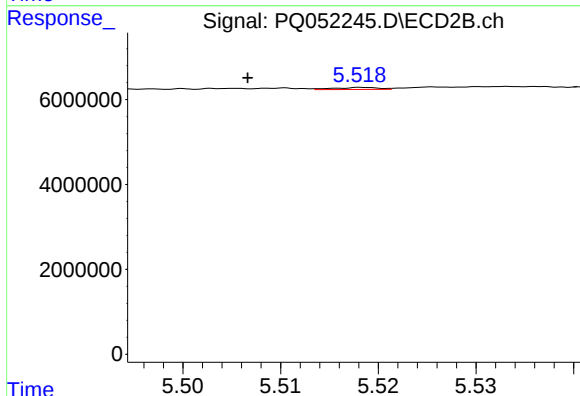
R.T.: 6.382 min
Delta R.T.: 0.003 min
Response: 1172666
Conc: 4.68 ng/ml



#21 AR-1248-1

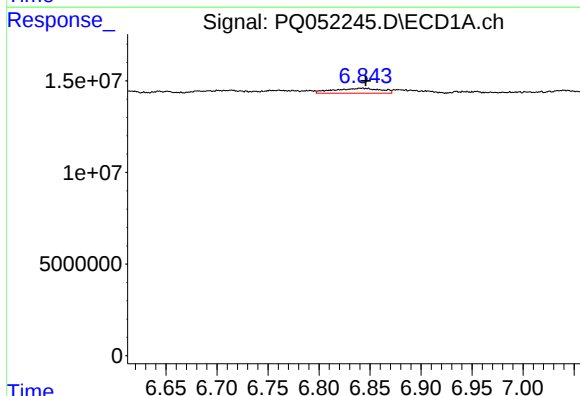
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 1583088
Conc: 2.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



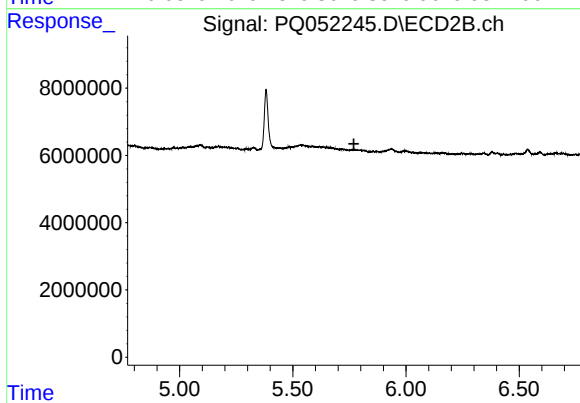
#21 AR-1248-1

R.T.: 5.519 min
Delta R.T.: 0.012 min
Response: 149843
Conc: 0.73 ng/ml



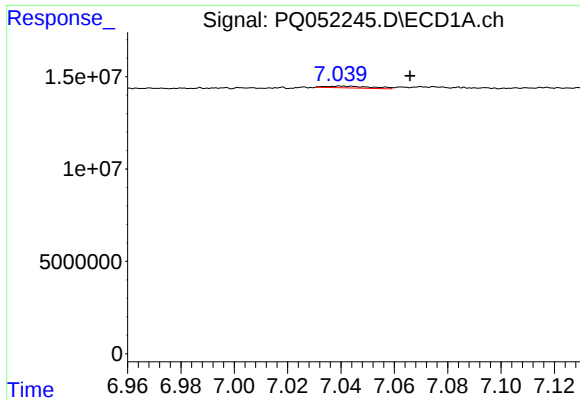
#22 AR-1248-2

R.T.: 6.841 min
Delta R.T.: -0.004 min
Response: 8609670
Conc: 11.20 ng/ml



#22 AR-1248-2

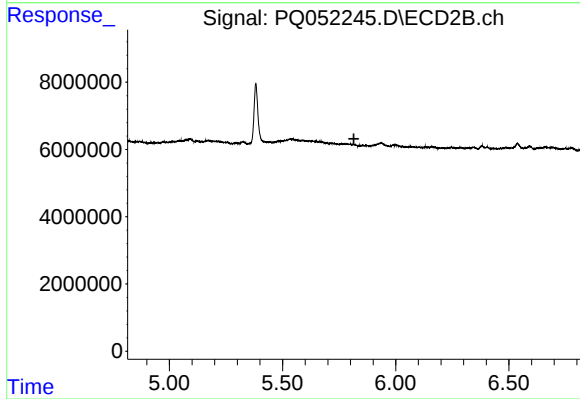
R.T.: 0.000 min
Exp R.T.: 5.770 min
Response: 0
Conc: N.D.



#23 AR-1248-3

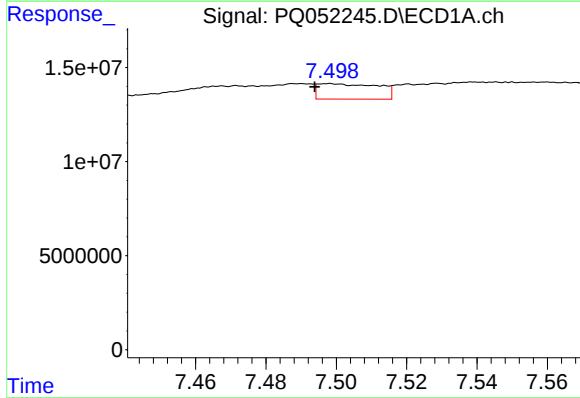
R.T.: 7.040 min
Delta R.T.: -0.026 min
Response: 1148871
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



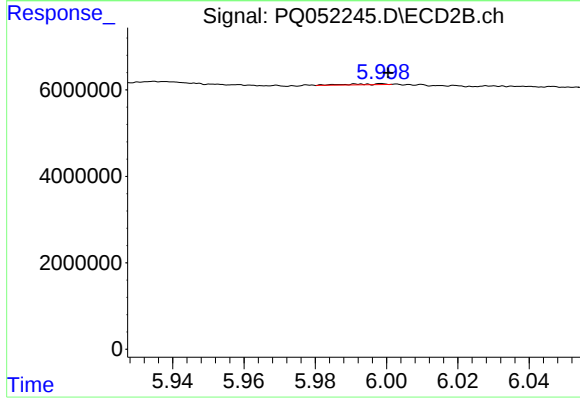
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



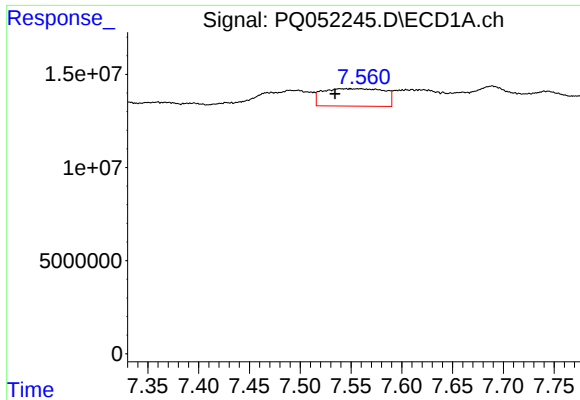
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: 0.004 min
Response: 9836647
Conc: 9.46 ng/ml



#24 AR-1248-4

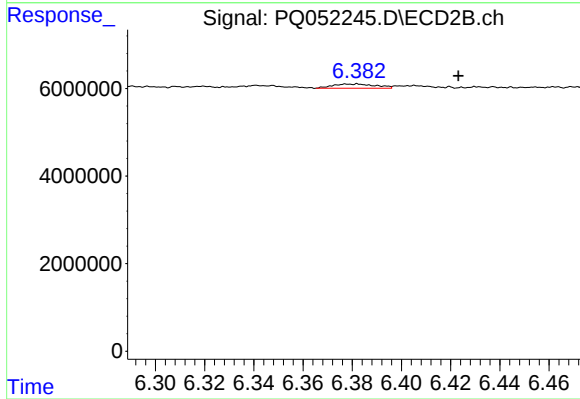
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 162814
Conc: 0.49 ng/ml



#25 AR-1248-5

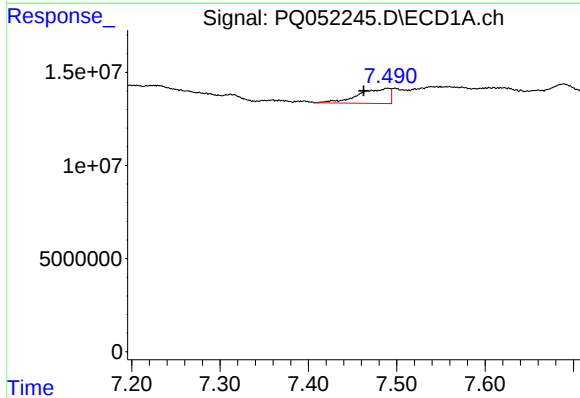
R.T.: 7.545 min
Delta R.T.: 0.011 min
Response: 39122901
Conc: 38.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



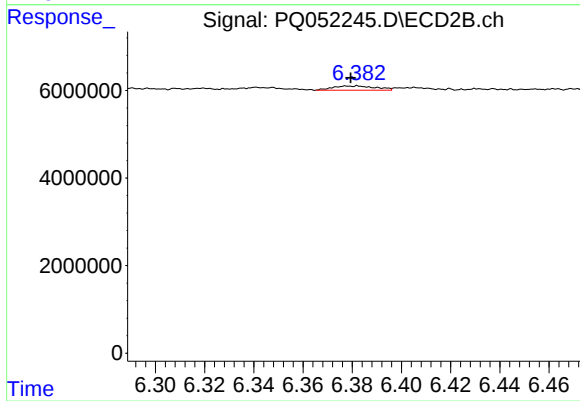
#25 AR-1248-5

R.T.: 6.382 min
Delta R.T.: -0.041 min
Response: 1172666
Conc: 3.28 ng/ml



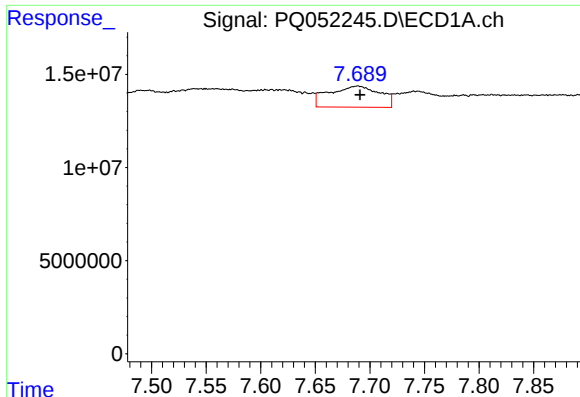
#26 AR-1254-1

R.T.: 7.490 min
Delta R.T.: 0.027 min
Response: 19913336
Conc: 20.05 ng/ml



#26 AR-1254-1

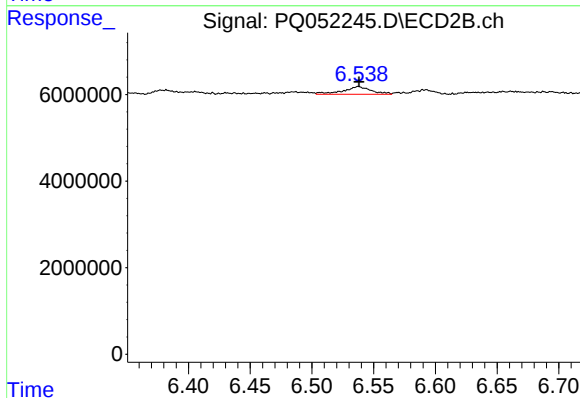
R.T.: 6.382 min
Delta R.T.: 0.003 min
Response: 1172666
Conc: 2.20 ng/ml



#27 AR-1254-2

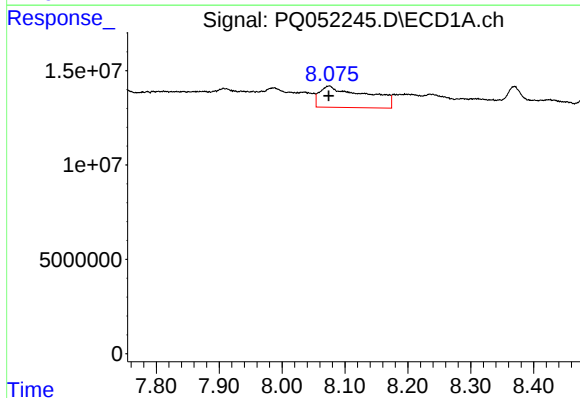
R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 36775119
Conc: 23.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



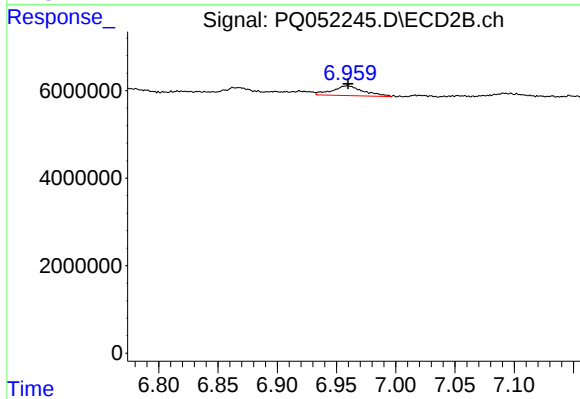
#27 AR-1254-2

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 2810824
Conc: 6.16 ng/ml



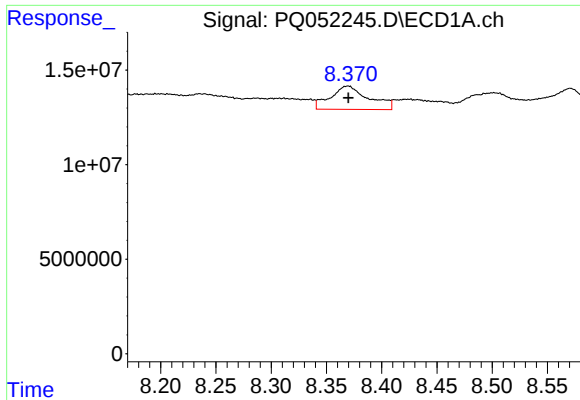
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 58303957
Conc: 34.50 ng/ml



#28 AR-1254-3

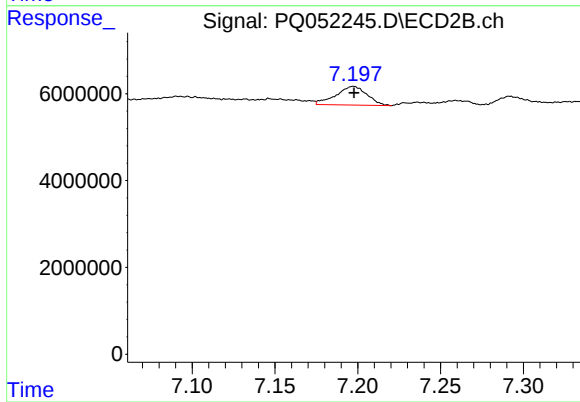
R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 4100191
Conc: 5.45 ng/ml



#29 AR-1254-4

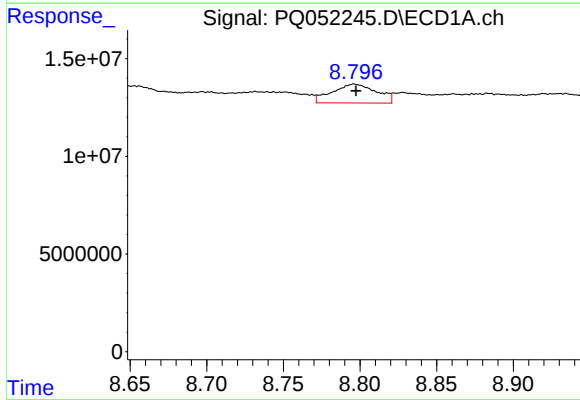
R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 29807256
Conc: 23.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



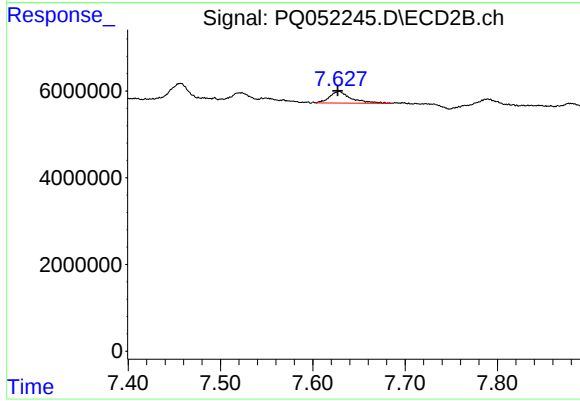
#29 AR-1254-4

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 5633307
Conc: 11.17 ng/ml



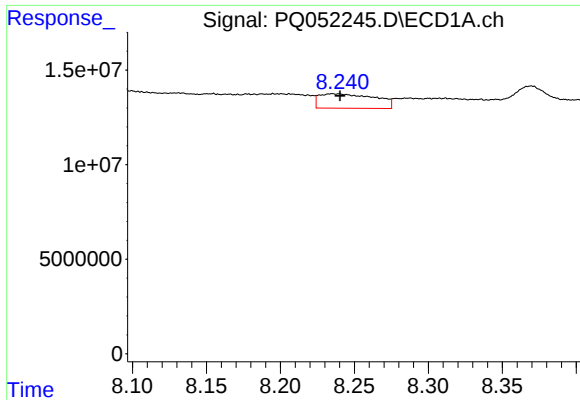
#30 AR-1254-5

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 19441822
Conc: 14.47 ng/ml



#30 AR-1254-5

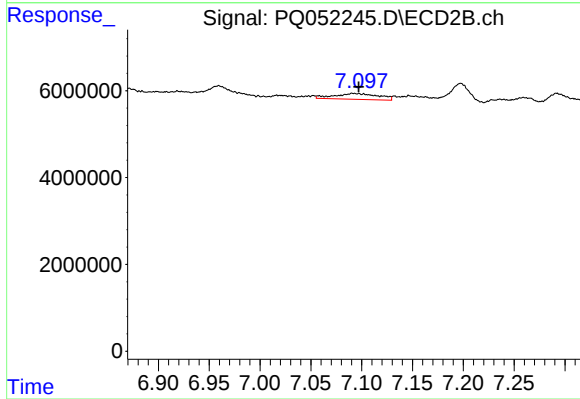
R.T.: 7.628 min
Delta R.T.: 0.001 min
Response: 4317858
Conc: 6.35 ng/ml



#31 AR-1260-1

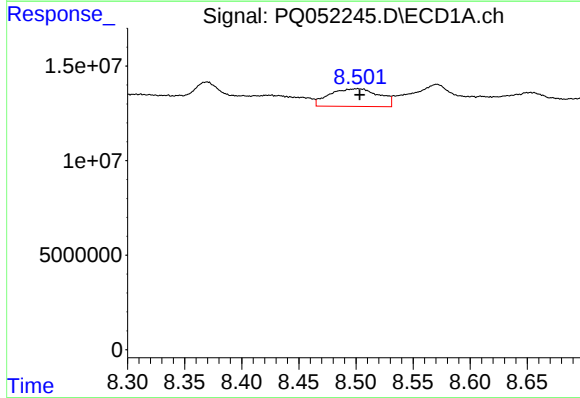
R.T.: 8.236 min
Delta R.T.: -0.004 min
Response: 20193473
Conc: 20.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



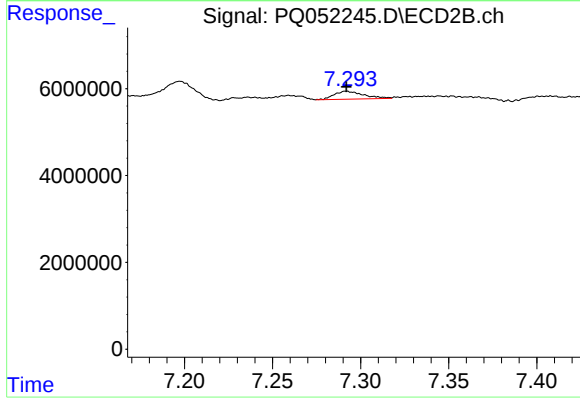
#31 AR-1260-1

R.T.: 7.091 min
Delta R.T.: -0.007 min
Response: 4059332
Conc: 9.91 ng/ml



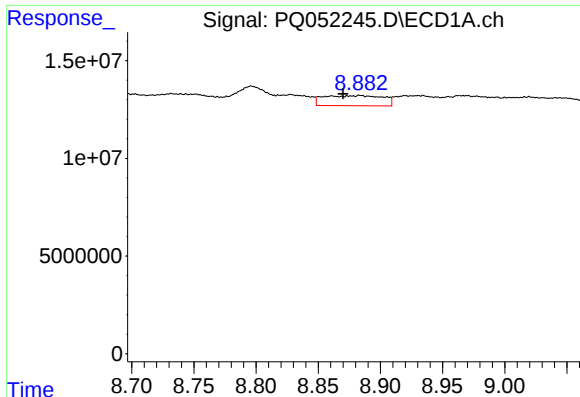
#32 AR-1260-2

R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 28406938
Conc: 23.13 ng/ml



#32 AR-1260-2

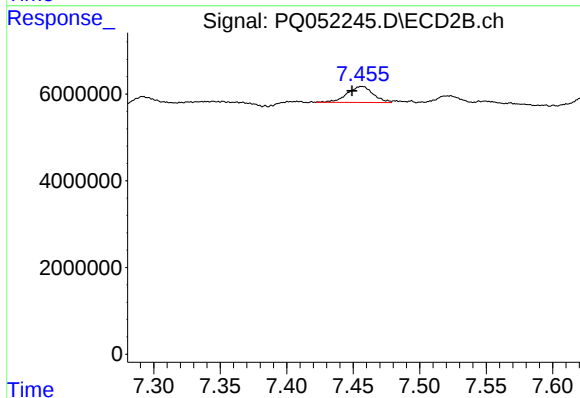
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 2099295
Conc: 3.95 ng/ml



#33 AR-1260-3

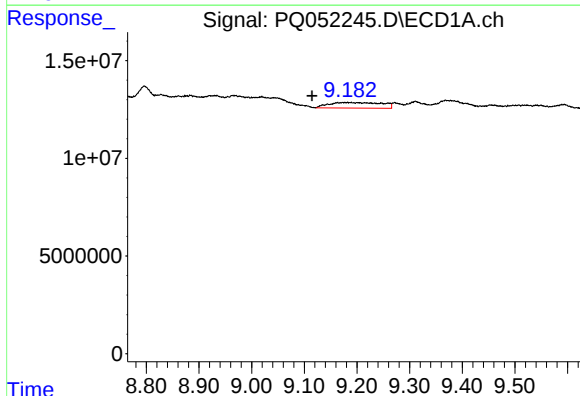
R.T.: 8.883 min
Delta R.T.: 0.013 min
Response: 17258460
Conc: 18.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



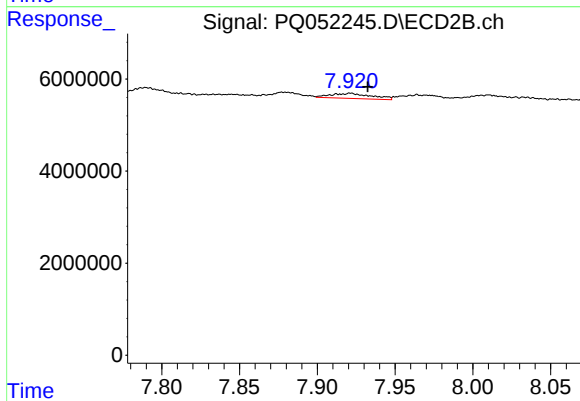
#33 AR-1260-3

R.T.: 7.456 min
Delta R.T.: 0.007 min
Response: 5065186
Conc: 10.60 ng/ml



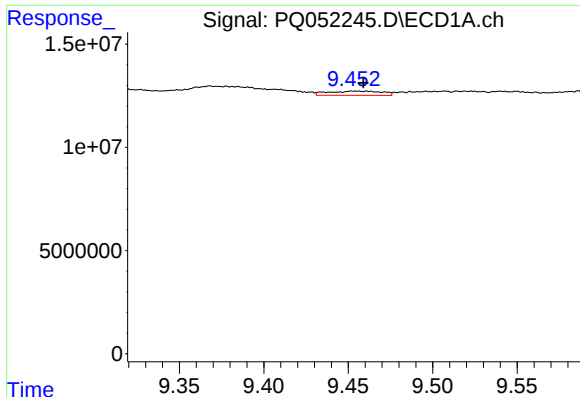
#34 AR-1260-4

R.T.: 9.182 min
Delta R.T.: 0.067 min
Response: 20105184
Conc: 18.66 ng/ml



#34 AR-1260-4

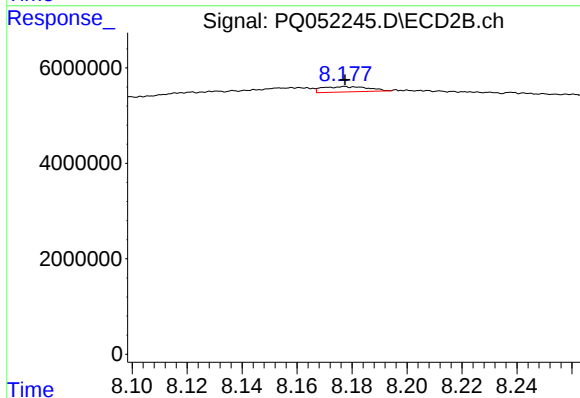
R.T.: 7.921 min
Delta R.T.: -0.011 min
Response: 2005698
Conc: 4.95 ng/ml



#35 AR-1260-5

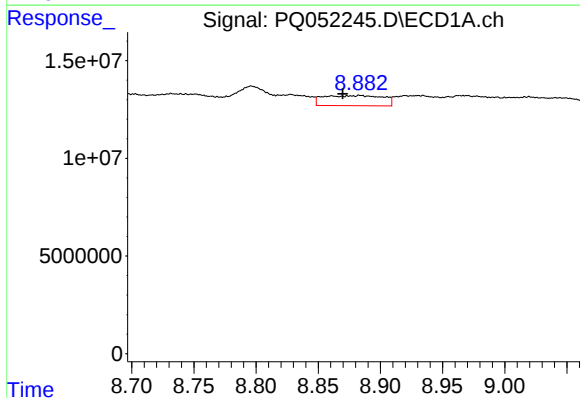
R.T.: 9.455 min
Delta R.T.: -0.004 min
Response: 4528327
Conc: 2.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



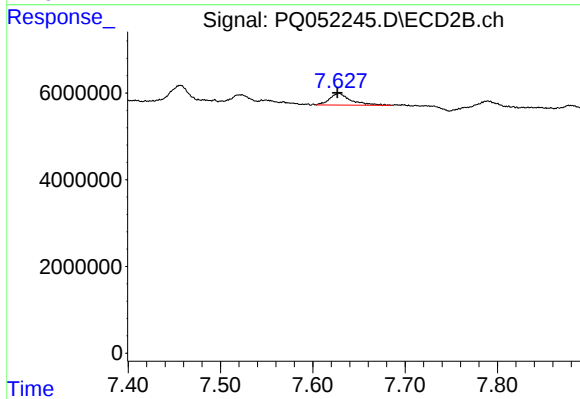
#35 AR-1260-5

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 1272950
Conc: 1.18 ng/ml



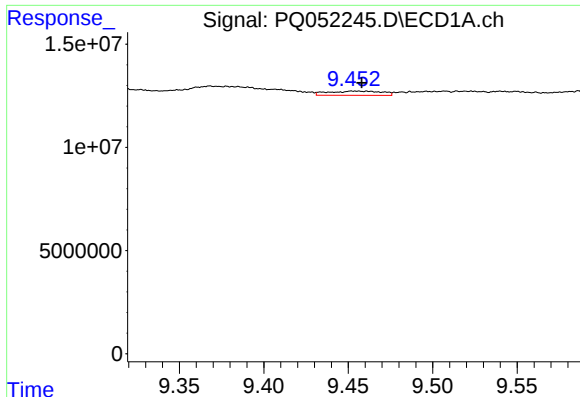
#36 AR-1262-1

R.T.: 8.883 min
Delta R.T.: 0.013 min
Response: 17258460
Conc: 10.96 ng/ml



#36 AR-1262-1

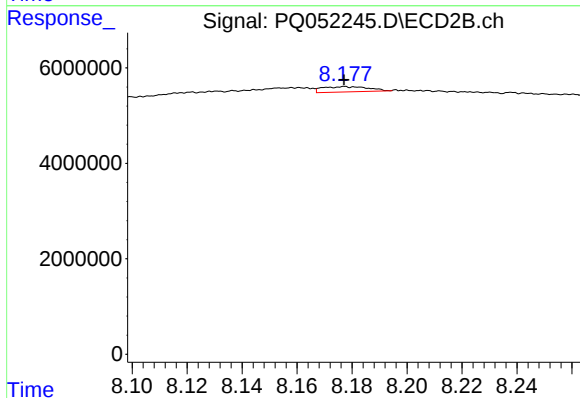
R.T.: 7.628 min
Delta R.T.: 0.002 min
Response: 4317858
Conc: 12.50 ng/ml



#37 AR-1262-2

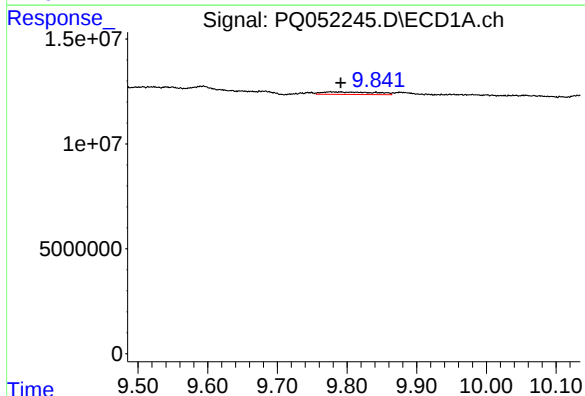
R.T.: 9.455 min
Delta R.T.: -0.003 min
Response: 4528327
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



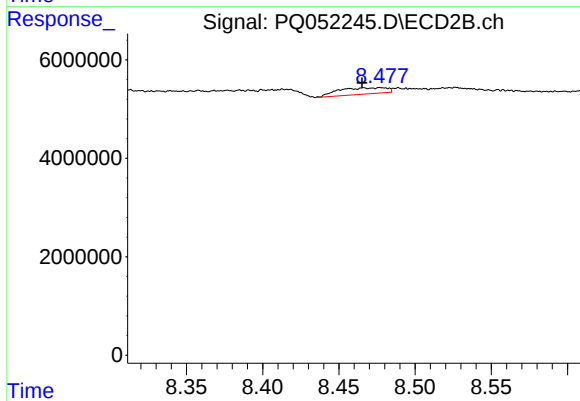
#37 AR-1262-2

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 1272950
Conc: 0.95 ng/ml



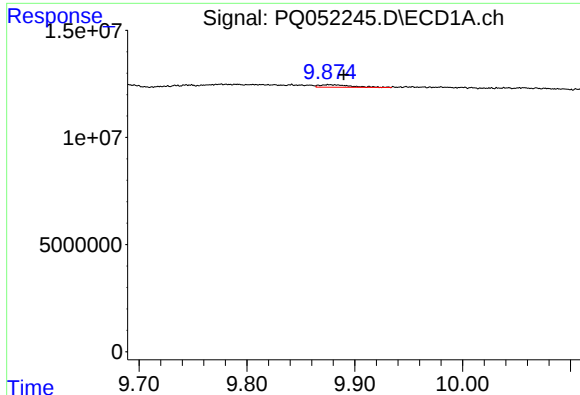
#38 AR-1262-3

R.T.: 9.776 min
Delta R.T.: -0.015 min
Response: 6097508
Conc: 3.06 ng/ml



#38 AR-1262-3

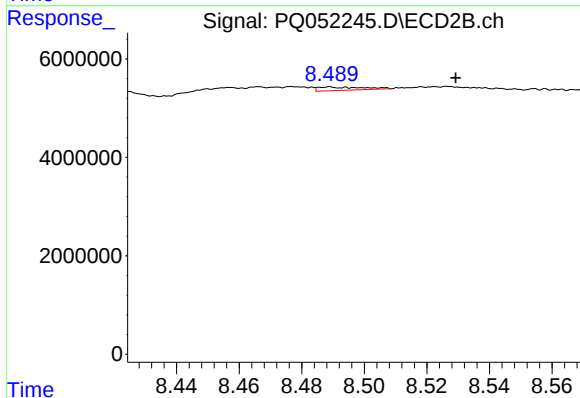
R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 2855643
Conc: 5.46 ng/ml



#39 AR-1262-4

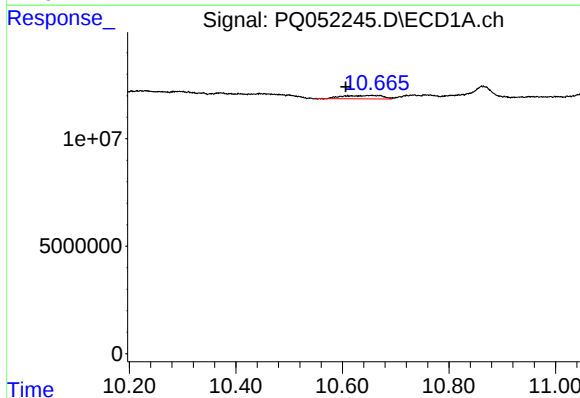
R.T.: 9.877 min
Delta R.T.: -0.013 min
Response: 2250546
Conc: 1.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



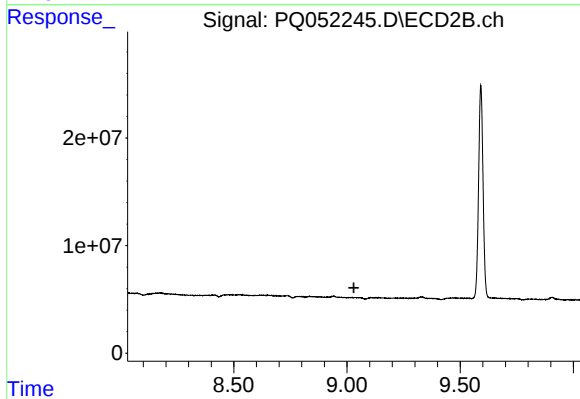
#39 AR-1262-4

R.T.: 8.489 min
Delta R.T.: -0.041 min
Response: 700418
Conc: 0.72 ng/ml



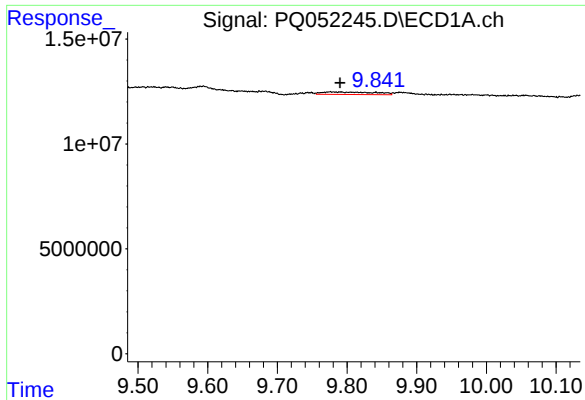
#40 AR-1262-5

R.T.: 10.654 min
Delta R.T.: 0.048 min
Response: 7978111
Conc: 7.33 ng/ml



#40 AR-1262-5

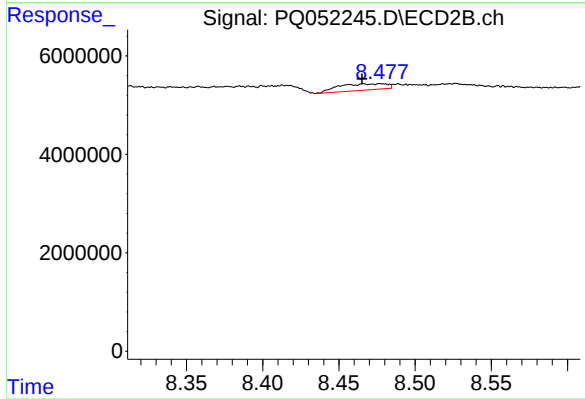
R.T.: 0.000 min
Exp R.T.: 9.031 min
Response: 0
Conc: N.D.



#41 AR-1268-1

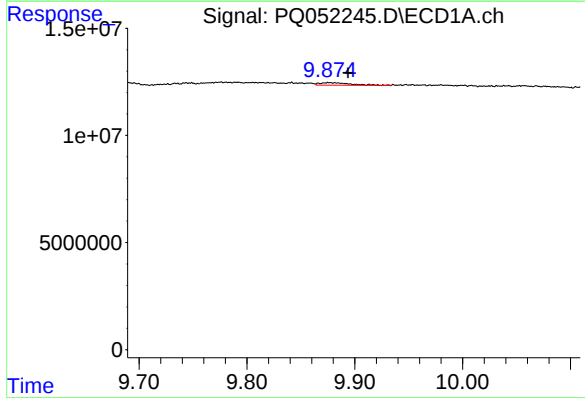
R.T.: 9.776 min
Delta R.T.: -0.014 min
Response: 6097508
Conc: 1.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



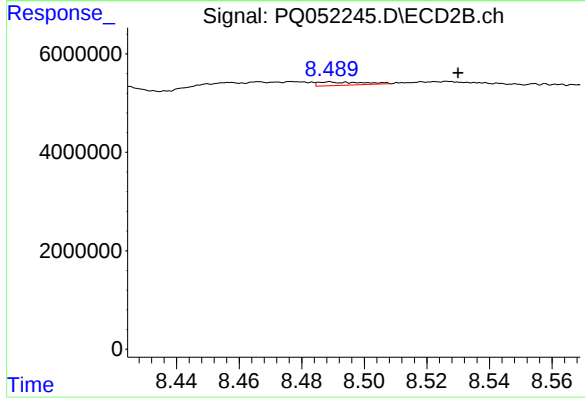
#41 AR-1268-1

R.T.: 8.466 min
Delta R.T.: 0.001 min
Response: 2855643
Conc: 1.77 ng/ml



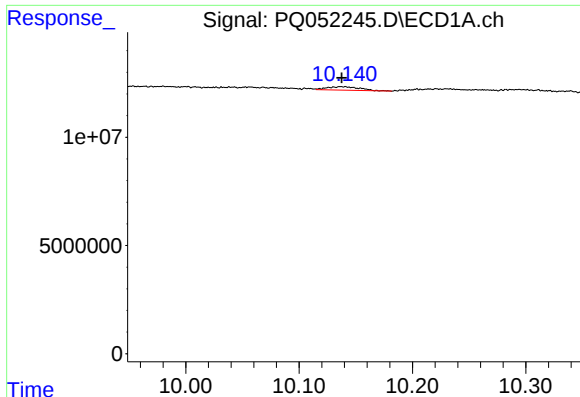
#42 AR-1268-2

R.T.: 9.877 min
Delta R.T.: -0.017 min
Response: 2250546
Conc: 0.69 ng/ml



#42 AR-1268-2

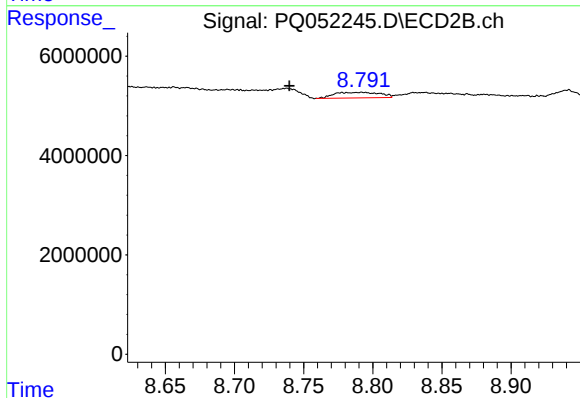
R.T.: 8.489 min
Delta R.T.: -0.041 min
Response: 700418
Conc: 0.47 ng/ml



#43 AR-1268-3

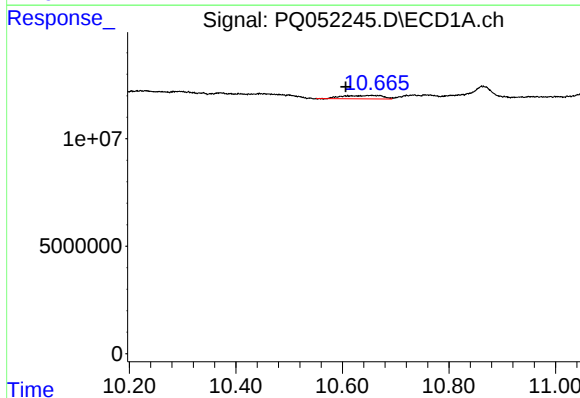
R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 3259775
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



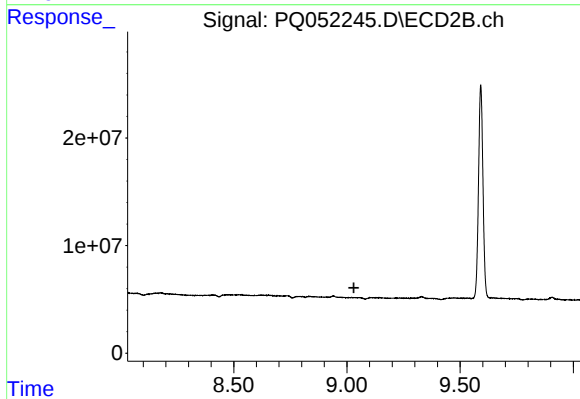
#43 AR-1268-3

R.T.: 8.778 min
Delta R.T.: 0.038 min
Response: 2595006
Conc: 2.07 ng/ml



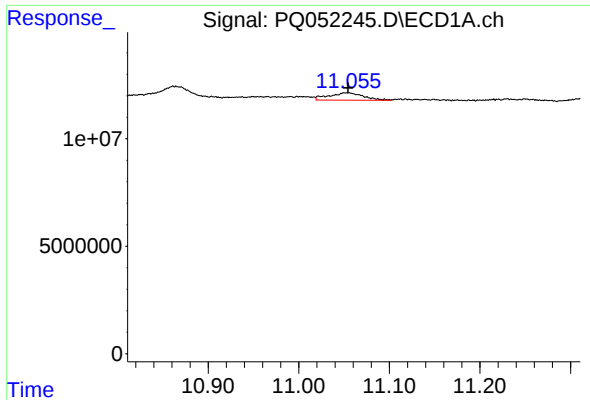
#44 AR-1268-4

R.T.: 10.654 min
Delta R.T.: 0.048 min
Response: 7978111
Conc: 6.54 ng/ml



#44 AR-1268-4

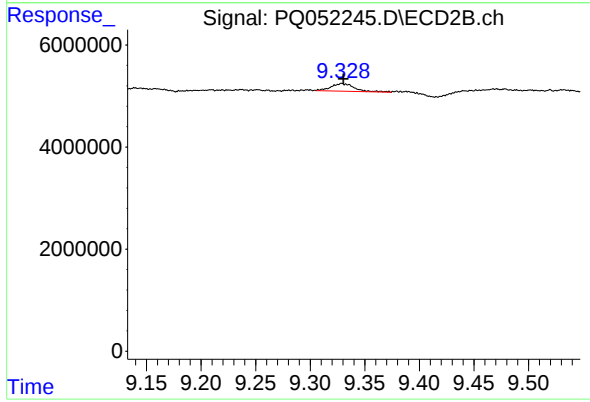
R.T.: 0.000 min
Exp R.T.: 9.031 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.053 min
Delta R.T.: -0.001 min
Response: 9126098
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.002 min
Response: 2178675
Conc: 0.54 ng/ml