

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 18:26
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 23:04:42 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	314.8E6	184.7E6	17.904	17.965
2)	SA Decachlor...	11.439	9.726	324.6E6	168.5E6	20.579	18.821
Target Compounds							
3)	L1 AR-1016-1	0.000	5.596	0	575661	N.D.	1.606 #
4)	L1 AR-1016-2	0.000	5.615	0	1662057	N.D.	3.228 #
5)	L1 AR-1016-3	0.000	5.806	0	741812	N.D.	2.770 #
6)	L1 AR-1016-4	0.000	5.859	0	346459	N.D.	1.597 #
7)	L1 AR-1016-5	0.000	6.080	0	62397	N.D.	0.228 #
8)	L2 AR-1221-1	5.497	4.581	20634783	3367819	98.987	31.224 #
9)	L2 AR-1221-2	5.595	4.682	9938459	4762242	56.797	61.453
10)	L2 AR-1221-3	5.681	4.773	18859680	8386251	41.935	32.564
11)	L3 AR-1232-1	5.681	4.773	18859680	8386251	49.673	38.587
12)	L3 AR-1232-2	0.000	5.615	0	1662057	N.D.	7.889 #
13)	L3 AR-1232-3	0.000	5.806	0	741812	N.D.	6.759 #
14)	L3 AR-1232-4	0.000	5.906	0	284749	N.D.	2.933 #
15)	L3 AR-1232-5	6.890f	6.080	3759876	62397	27.041	0.605 #
16)	L4 AR-1242-1	0.000	5.596	0	575661	N.D.	2.161 #
17)	L4 AR-1242-2	0.000	5.615	0	1662057	N.D.	4.291 #
18)	L4 AR-1242-3	0.000	5.806	0	741812	N.D.	3.679 #
19)	L4 AR-1242-4	0.000	5.906	0	284749	N.D.	1.455 #
20)	L4 AR-1242-5	0.000	6.469	0	1372806	N.D.	5.444 #
21)	L5 AR-1248-1	0.000	5.596	0	575661	N.D.	2.876 #
22)	L5 AR-1248-2	6.890f	5.859	3759876	346459	8.204	1.232 #
23)	L5 AR-1248-3	0.000	5.906	0	284749	N.D.	0.973 #
24)	L5 AR-1248-4	0.000	6.080	0	62397	N.D.	0.179 #
25)	L5 AR-1248-5	0.000	6.497f	0	1838634	N.D.	5.284 #
26)	L6 AR-1254-1	0.000	6.469	0	1372806	N.D.	2.482 #
27)	L6 AR-1254-2	0.000	6.625	0	2407682	N.D.	5.088 #
28)	L6 AR-1254-3	0.000	7.060	0	3044435	N.D.	3.878 #
29)	L6 AR-1254-4	0.000	7.297	0	4655925	N.D.	9.758 #
30)	L6 AR-1254-5	0.000	7.730	0	566709	N.D.	0.847 #
31)	L7 AR-1260-1	0.000	7.189	0	1967426	N.D.	3.925 #
32)	L7 AR-1260-2	8.535	7.401	11587076	2033078	13.963	3.362 #
33)	L7 AR-1260-3	0.000	7.535f	0	3205303	N.D.	5.612 #
35)	L7 AR-1260-5	0.000	8.271	0	1211361	N.D.	1.049 #
36)	L8 AR-1262-1	0.000	7.730	0	566709	N.D.	1.666 #
37)	L8 AR-1262-2	0.000	8.271	0	1211361	N.D.	0.983 #
38)	L8 AR-1262-3	0.000	8.596f	0	6303045	N.D.	13.637 #
40)	L8 AR-1262-5	0.000	9.152	0	714672	N.D.	1.780 #
41)	L9 AR-1268-1	0.000	8.596f	0	6303045	N.D.	4.455 #
43)	L9 AR-1268-3	0.000	8.845	0	977215	N.D.	0.893 #
44)	L9 AR-1268-4	0.000	9.152	0	714672	N.D.	1.582 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 18:26
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 17 Sample Multiplier: 1

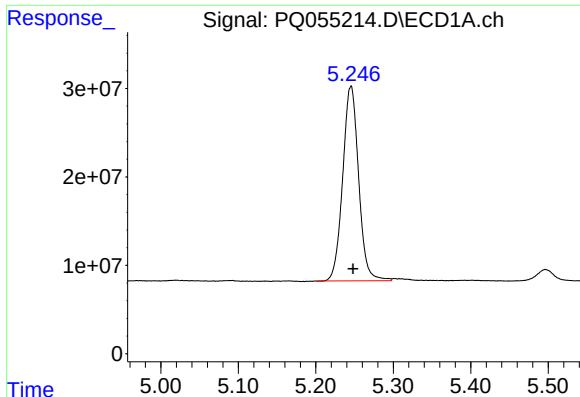
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 23:04:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
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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
45) L9	AR-1268-5	0.000	9.453	0	843679	N.D.	0.239 #

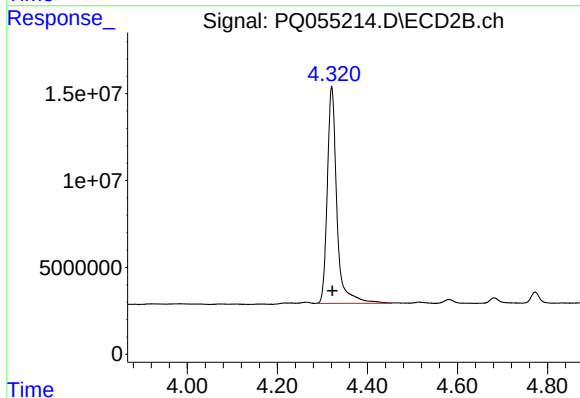
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

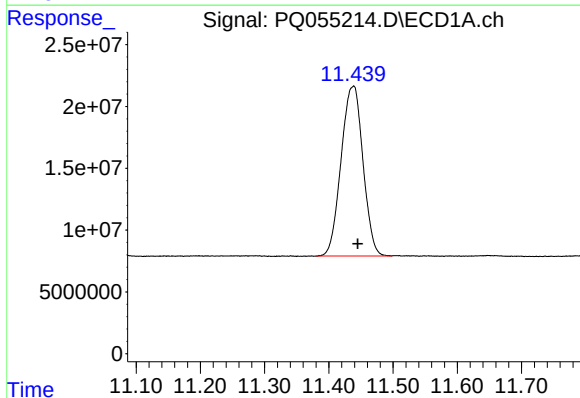
R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 314788122
Conc: 17.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



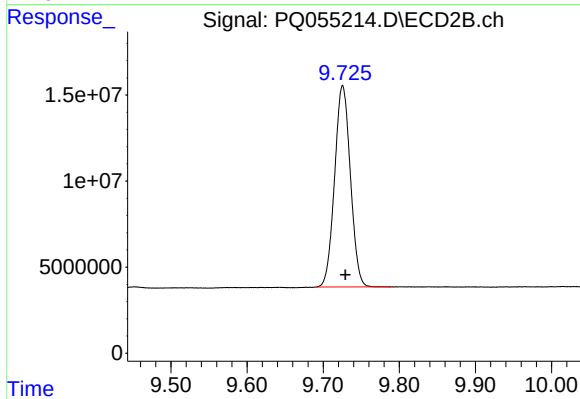
#1 Tetrachloro-m-xylene

R.T.: 4.321 min
Delta R.T.: -0.001 min
Response: 184743324
Conc: 17.97 ng/ml



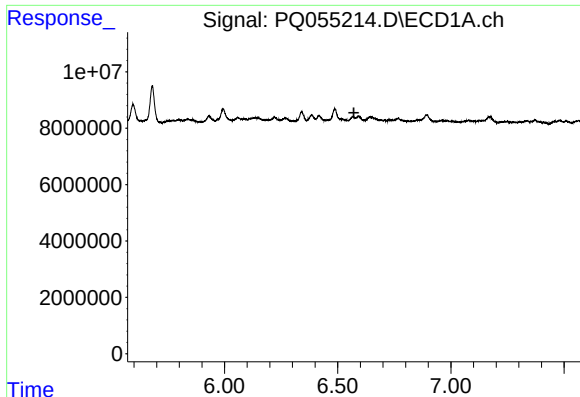
#2 Decachlorobiphenyl

R.T.: 11.439 min
Delta R.T.: -0.006 min
Response: 324594829
Conc: 20.58 ng/ml



#2 Decachlorobiphenyl

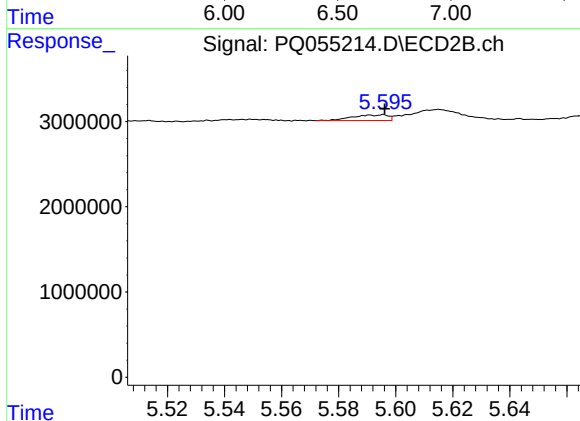
R.T.: 9.726 min
Delta R.T.: -0.004 min
Response: 168527349
Conc: 18.82 ng/ml



#3 AR-1016-1

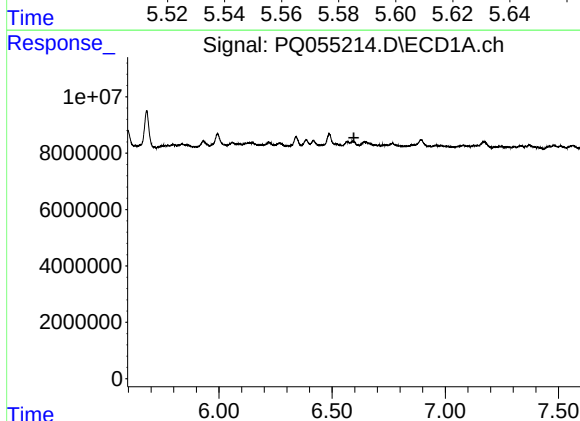
R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



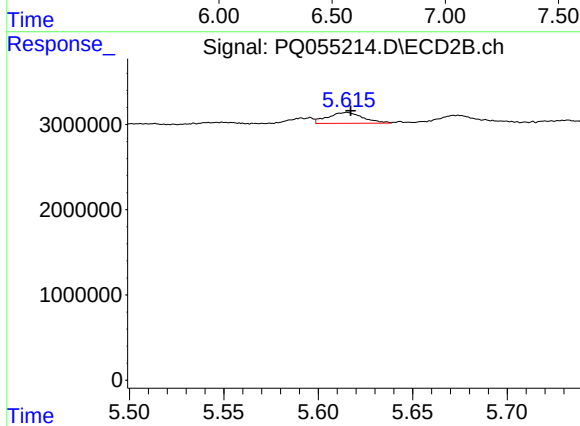
#3 AR-1016-1

R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 575661
Conc: 1.61 ng/ml



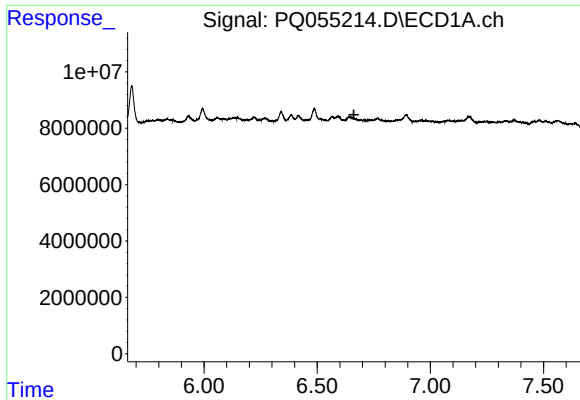
#4 AR-1016-2

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



#4 AR-1016-2

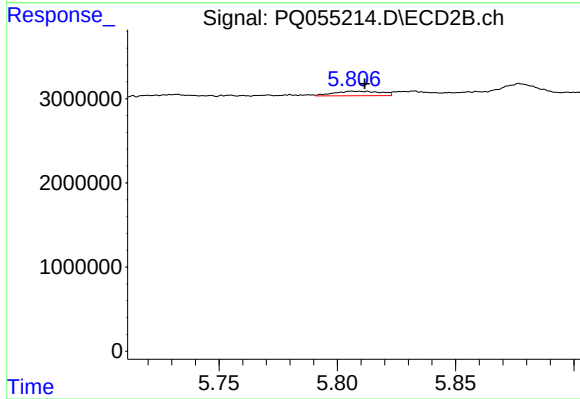
R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 1662057
Conc: 3.23 ng/ml



#5 AR-1016-3

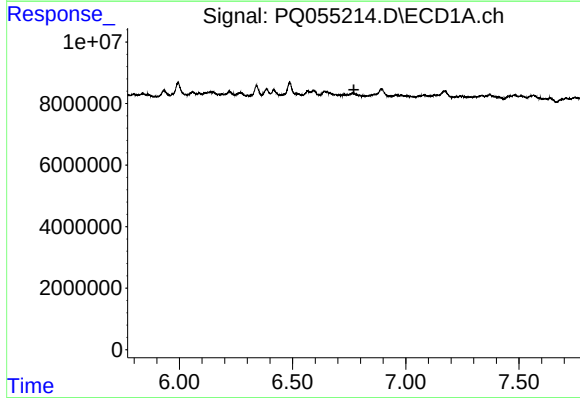
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



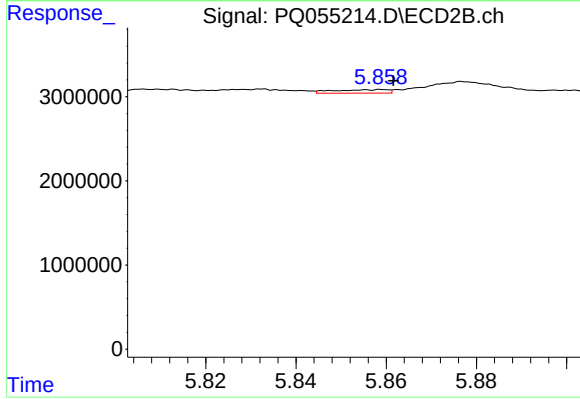
#5 AR-1016-3

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 741812
Conc: 2.77 ng/ml



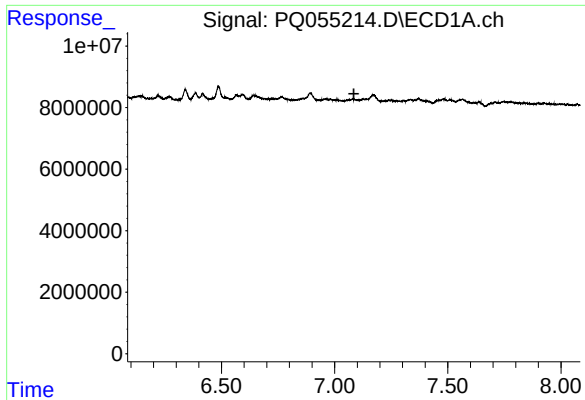
#6 AR-1016-4

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



#6 AR-1016-4

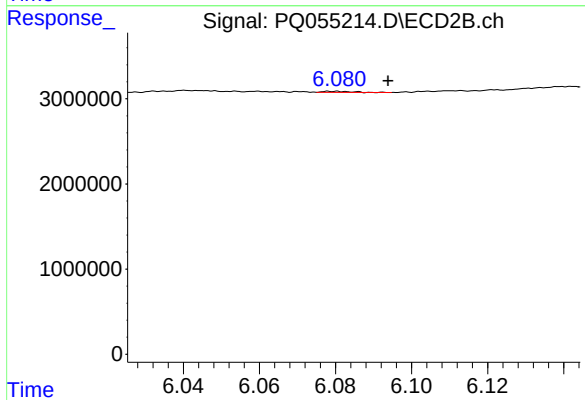
R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 346459
Conc: 1.60 ng/ml



#7 AR-1016-5

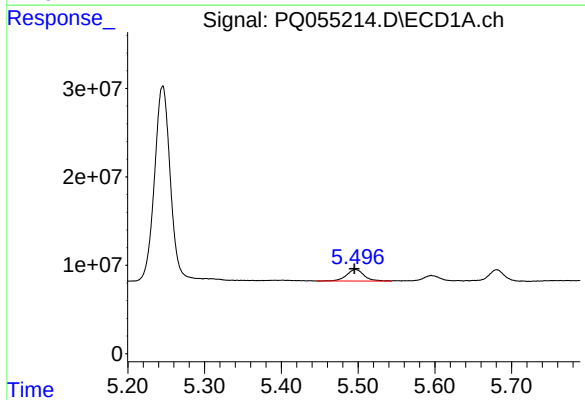
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



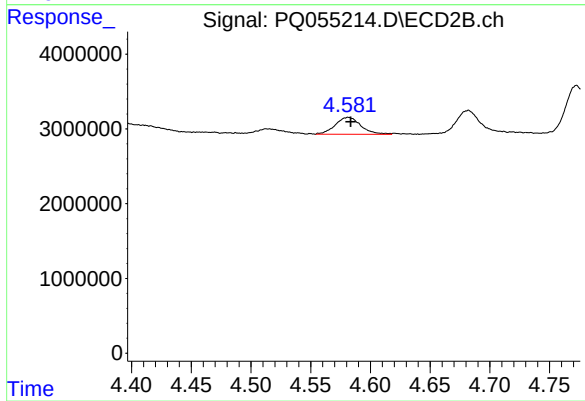
#7 AR-1016-5

R.T.: 6.080 min
Delta R.T.: -0.014 min
Response: 62397
Conc: 0.23 ng/ml



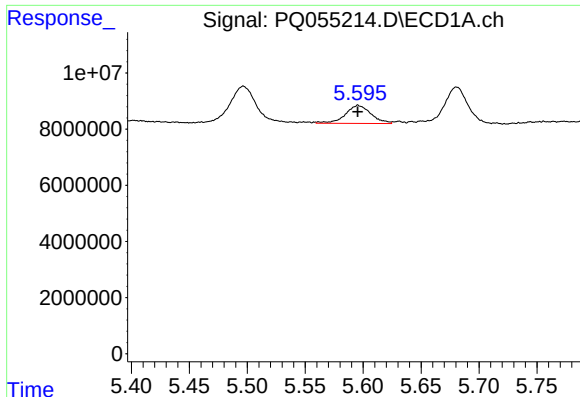
#8 AR-1221-1

R.T.: 5.497 min
Delta R.T.: 0.001 min
Response: 20634783
Conc: 98.99 ng/ml



#8 AR-1221-1

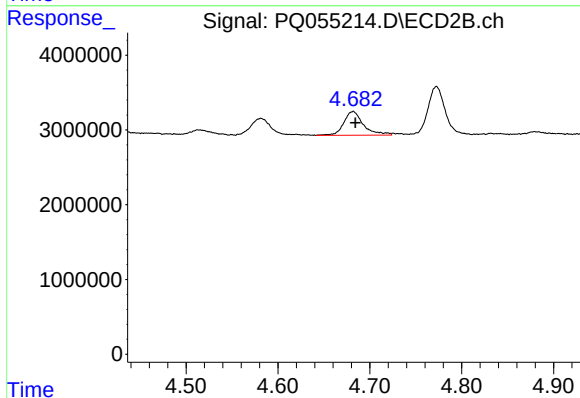
R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 3367819
Conc: 31.22 ng/ml



#9 AR-1221-2

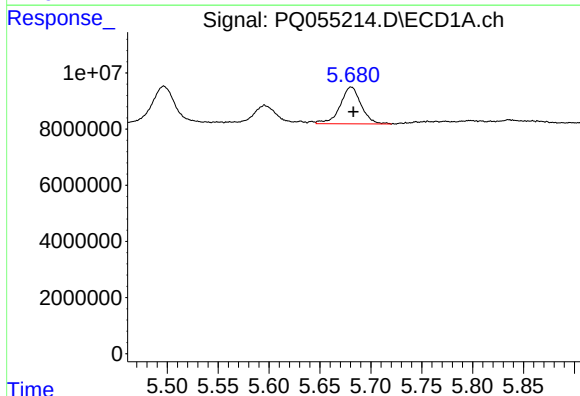
R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 9938459
Conc: 56.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



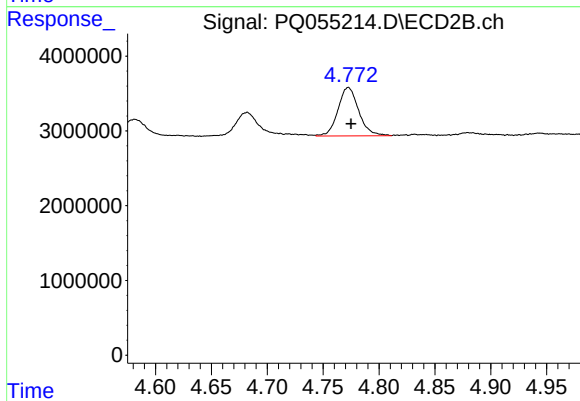
#9 AR-1221-2

R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 4762242
Conc: 61.45 ng/ml



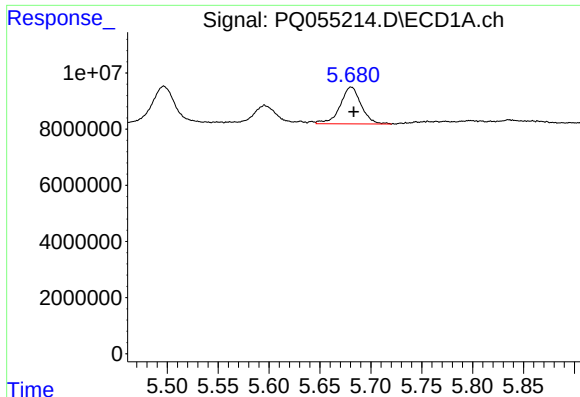
#10 AR-1221-3

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 18859680
Conc: 41.94 ng/ml



#10 AR-1221-3

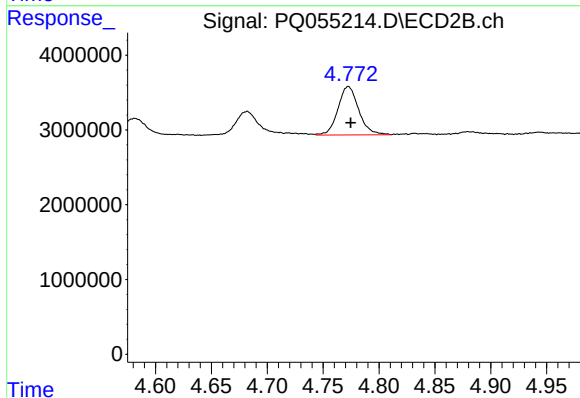
R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 8386251
Conc: 32.56 ng/ml



#11 AR-1232-1

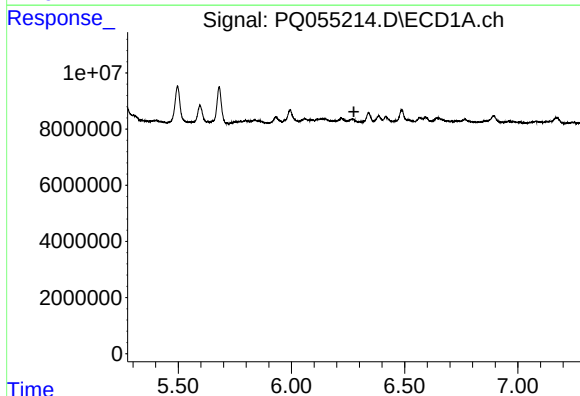
R.T.: 5.681 min
Delta R.T.: -0.003 min
Response: 18859680
Conc: 49.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



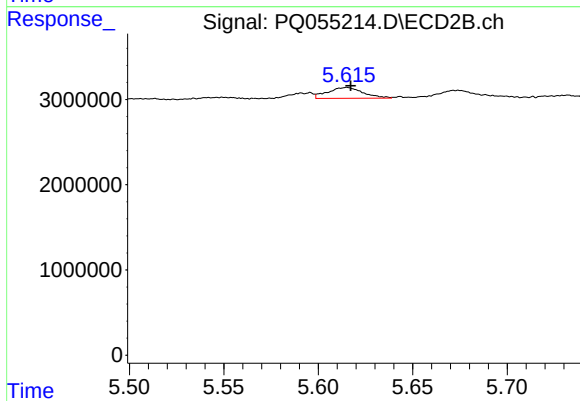
#11 AR-1232-1

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 8386251
Conc: 38.59 ng/ml



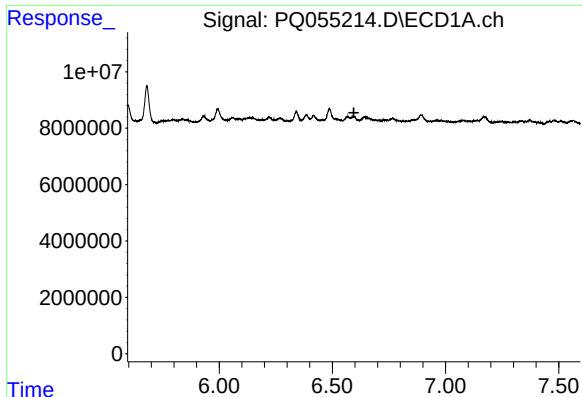
#12 AR-1232-2

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



#12 AR-1232-2

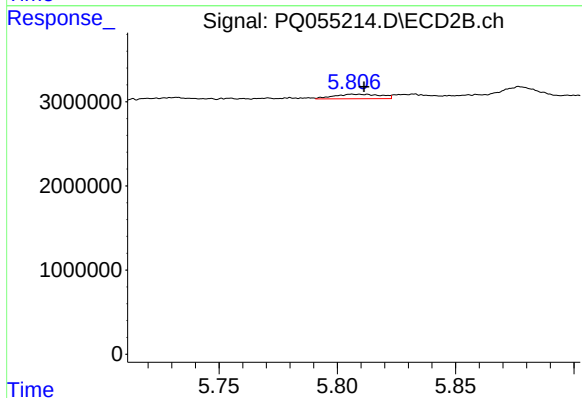
R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 1662057
Conc: 7.89 ng/ml



#13 AR-1232-3

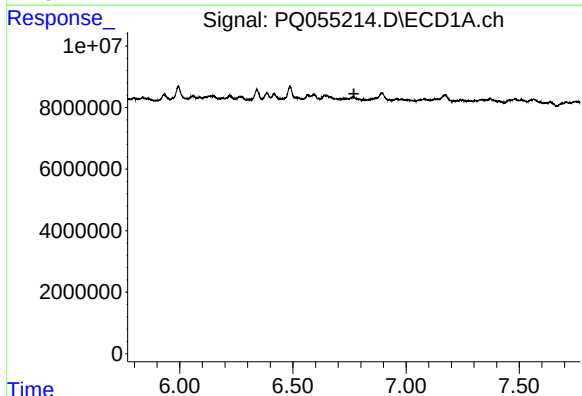
R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



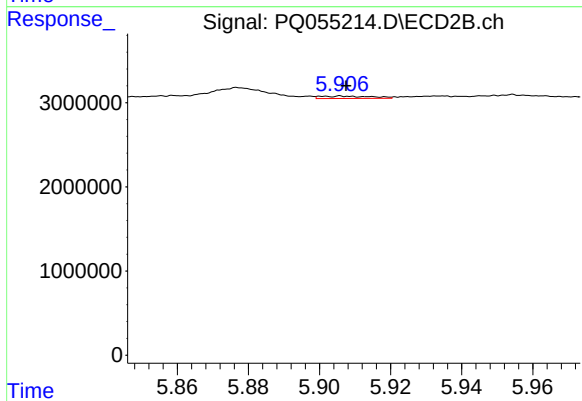
#13 AR-1232-3

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 741812
Conc: 6.76 ng/ml



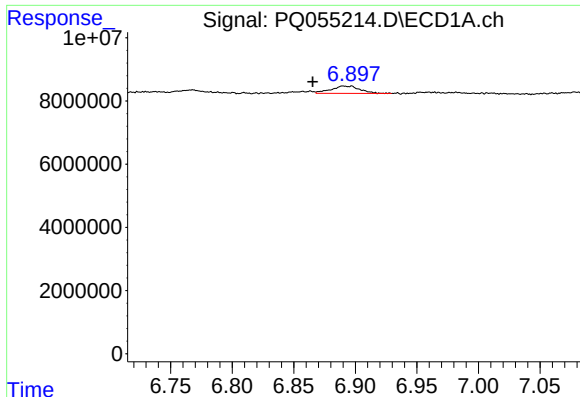
#14 AR-1232-4

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



#14 AR-1232-4

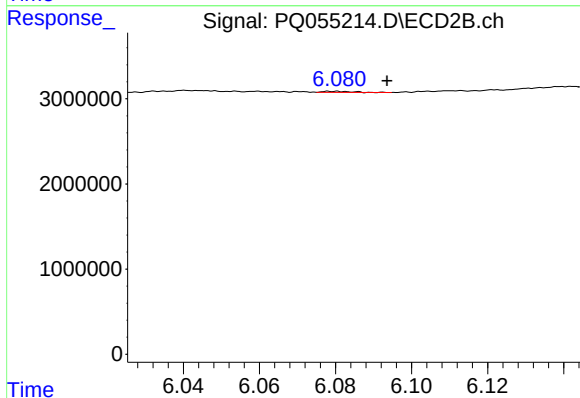
R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 284749
Conc: 2.93 ng/ml



#15 AR-1232-5

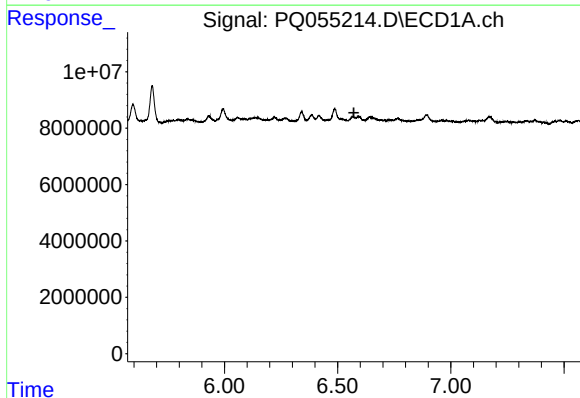
R.T.: 6.890 min
Delta R.T.: 0.025 min
Response: 3759876
Conc: 27.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



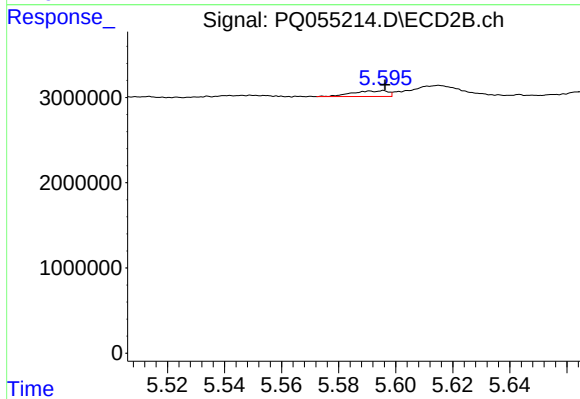
#15 AR-1232-5

R.T.: 6.080 min
Delta R.T.: -0.013 min
Response: 62397
Conc: 0.61 ng/ml



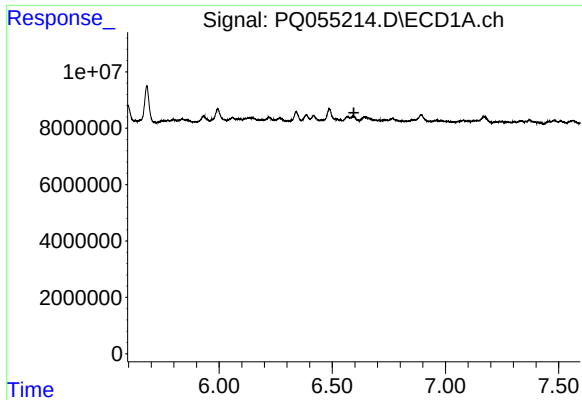
#16 AR-1242-1

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



#16 AR-1242-1

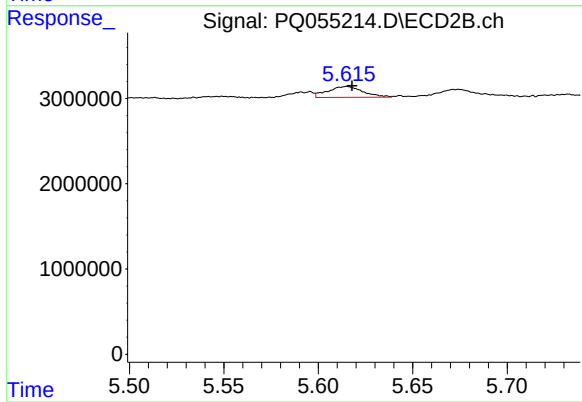
R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 575661
Conc: 2.16 ng/ml



#17 AR-1242-2

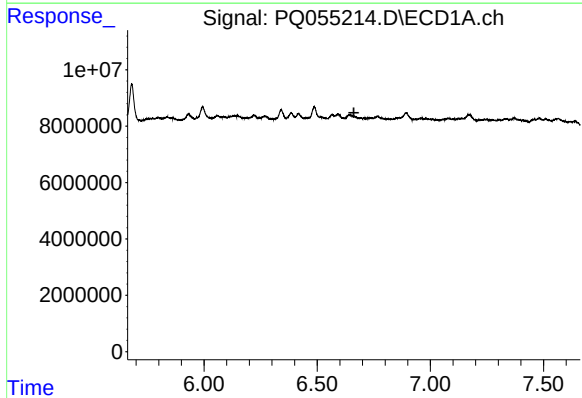
R.T.: 0.000 min
Exp R.T. : 6.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



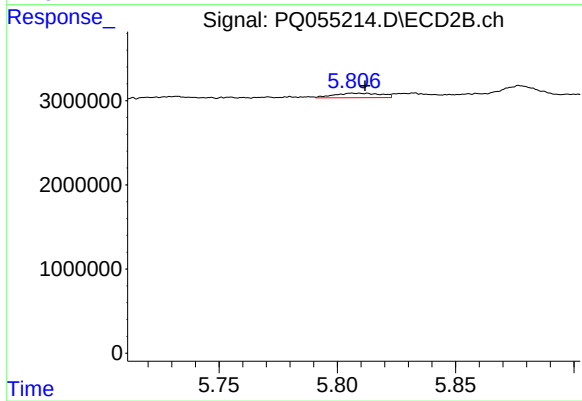
#17 AR-1242-2

R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 1662057
Conc: 4.29 ng/ml



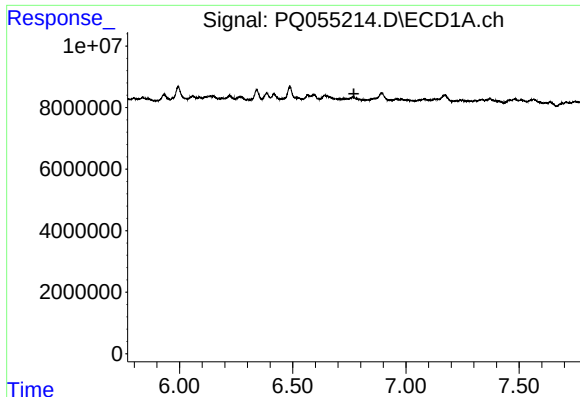
#18 AR-1242-3

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



#18 AR-1242-3

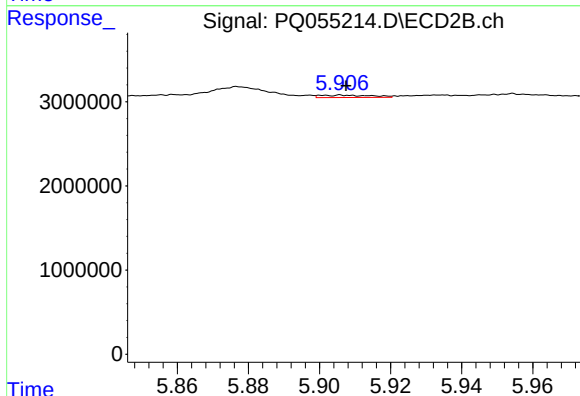
R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 741812
Conc: 3.68 ng/ml



#19 AR-1242-4

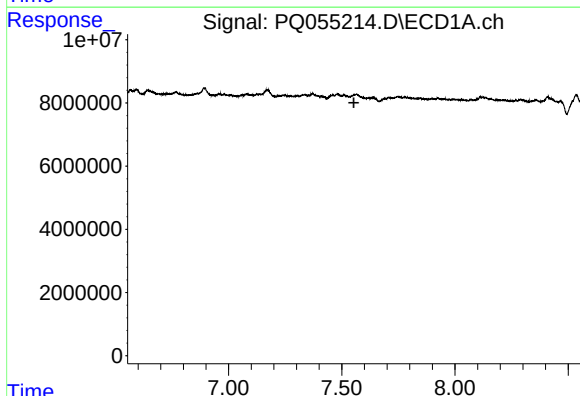
R.T.: 0.000 min
Exp R.T.: 6.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



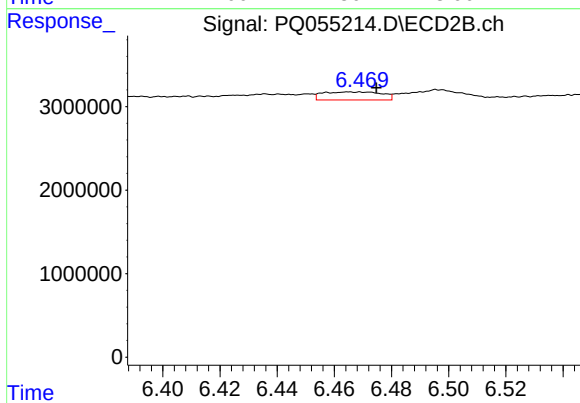
#19 AR-1242-4

R.T.: 5.906 min
Delta R.T.: -0.001 min
Response: 284749
Conc: 1.45 ng/ml



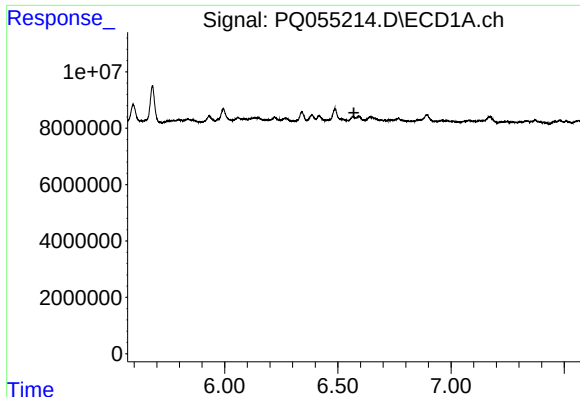
#20 AR-1242-5

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



#20 AR-1242-5

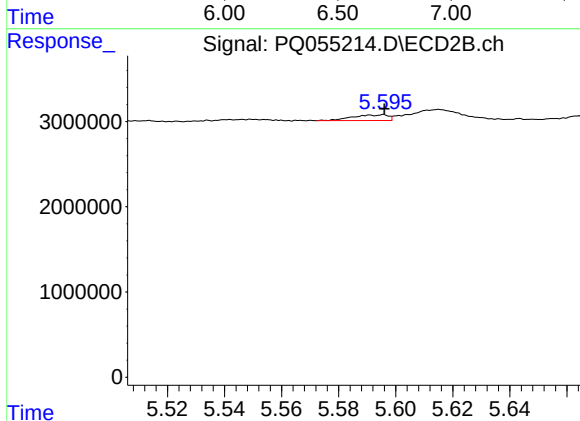
R.T.: 6.469 min
Delta R.T.: -0.006 min
Response: 1372806
Conc: 5.44 ng/ml



#21 AR-1248-1

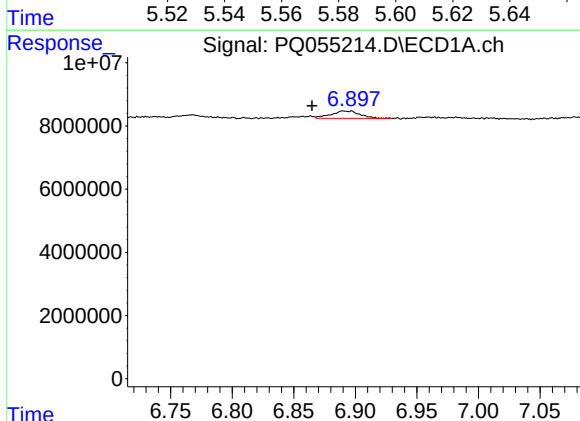
R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



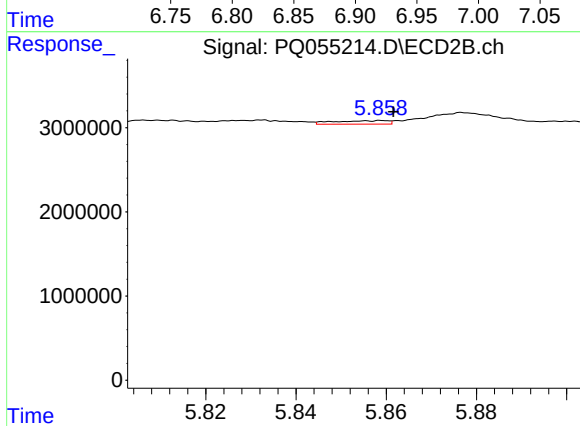
#21 AR-1248-1

R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 575661
Conc: 2.88 ng/ml



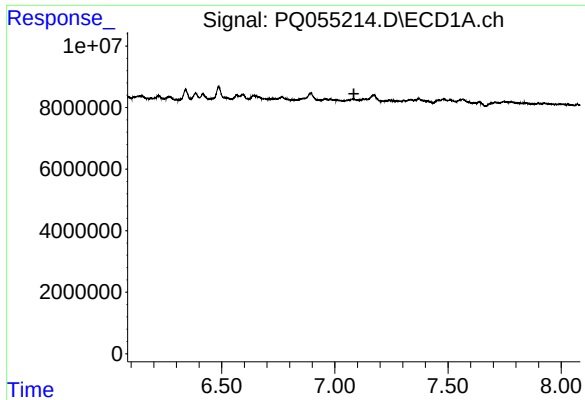
#22 AR-1248-2

R.T.: 6.890 min
Delta R.T.: 0.025 min
Response: 3759876
Conc: 8.20 ng/ml



#22 AR-1248-2

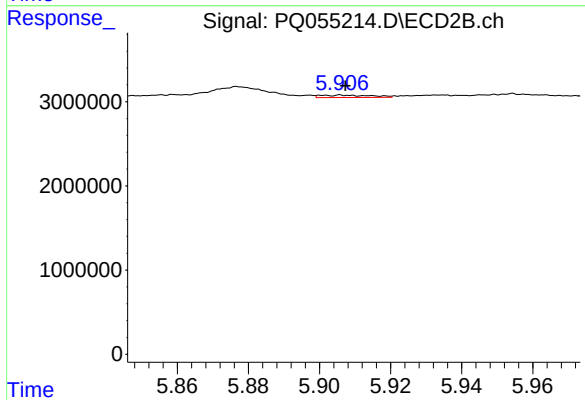
R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 346459
Conc: 1.23 ng/ml



#23 AR-1248-3

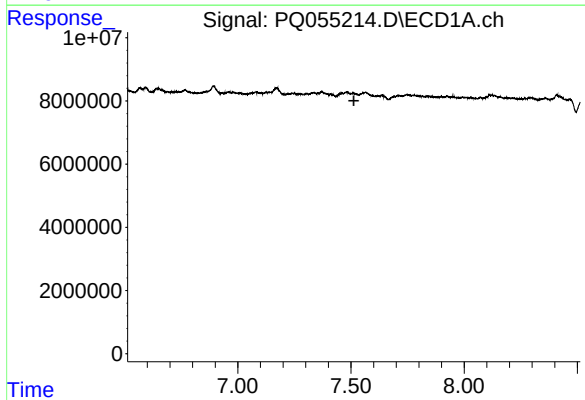
R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



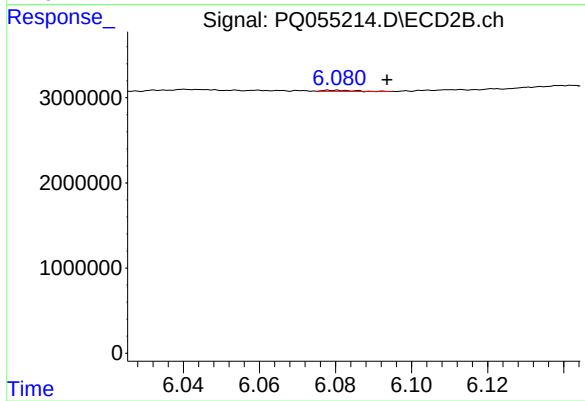
#23 AR-1248-3

R.T.: 5.906 min
Delta R.T.: -0.001 min
Response: 284749
Conc: 0.97 ng/ml



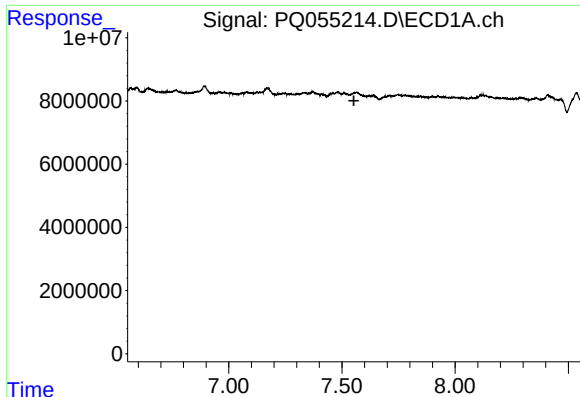
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 7.513 min
Response: 0
Conc: N.D.



#24 AR-1248-4

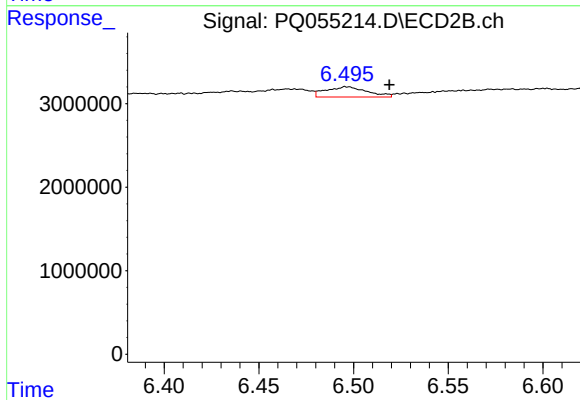
R.T.: 6.080 min
Delta R.T.: -0.013 min
Response: 62397
Conc: 0.18 ng/ml



#25 AR-1248-5

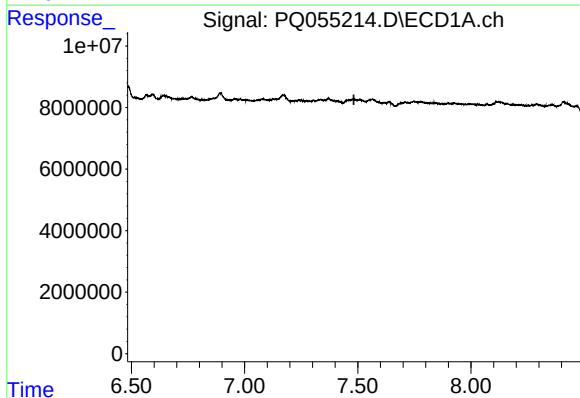
R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



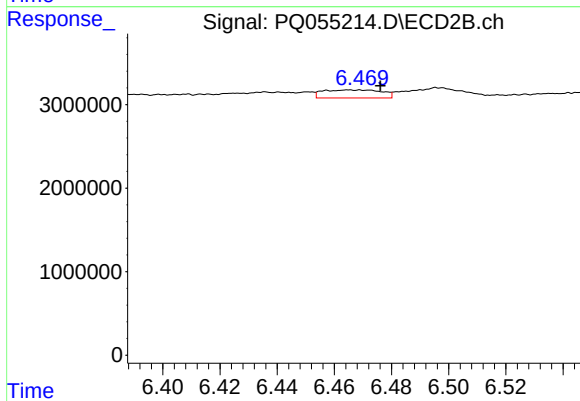
#25 AR-1248-5

R.T.: 6.497 min
Delta R.T.: -0.022 min
Response: 1838634
Conc: 5.28 ng/ml



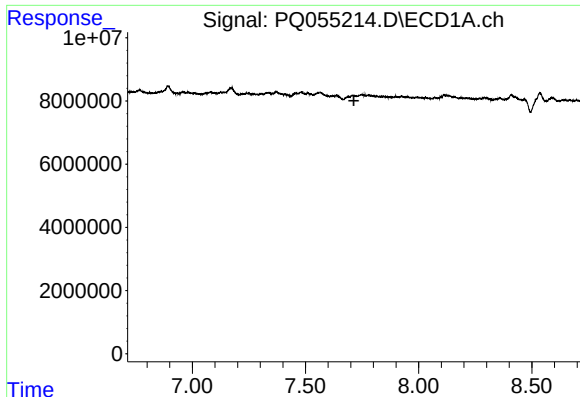
#26 AR-1254-1

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



#26 AR-1254-1

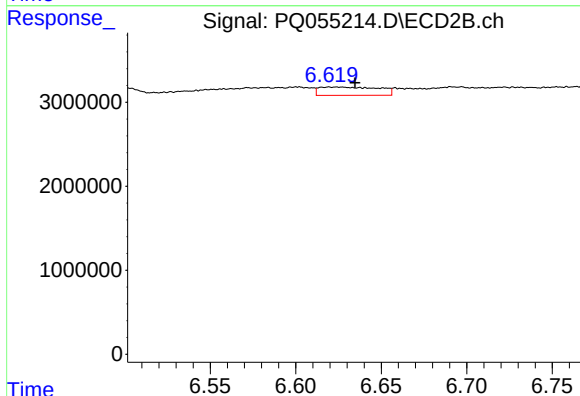
R.T.: 6.469 min
Delta R.T.: -0.007 min
Response: 1372806
Conc: 2.48 ng/ml



#27 AR-1254-2

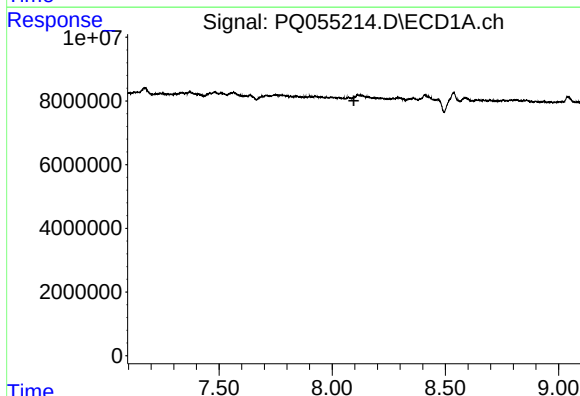
R.T.: 0.000 min
Exp R.T.: 7.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



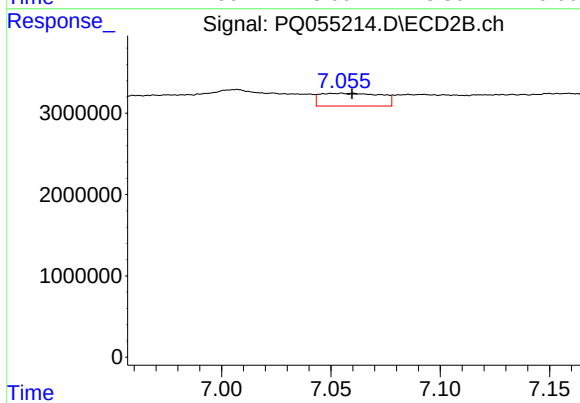
#27 AR-1254-2

R.T.: 6.625 min
Delta R.T.: -0.010 min
Response: 2407682
Conc: 5.09 ng/ml



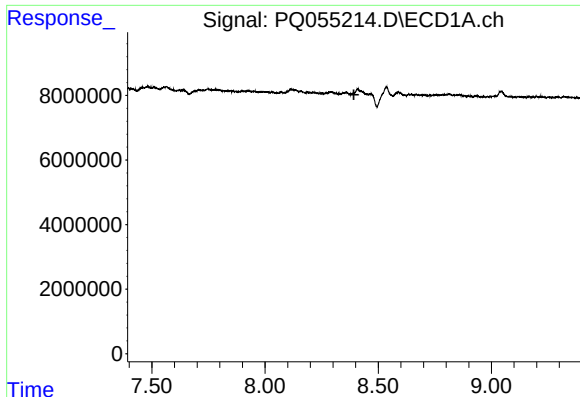
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 8.096 min
Response: 0
Conc: N.D.



#28 AR-1254-3

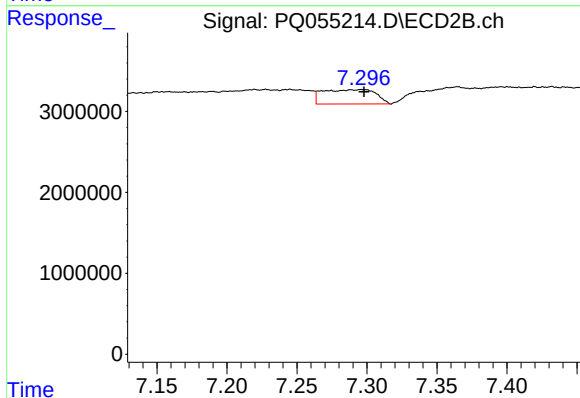
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 3044435
Conc: 3.88 ng/ml



#29 AR-1254-4

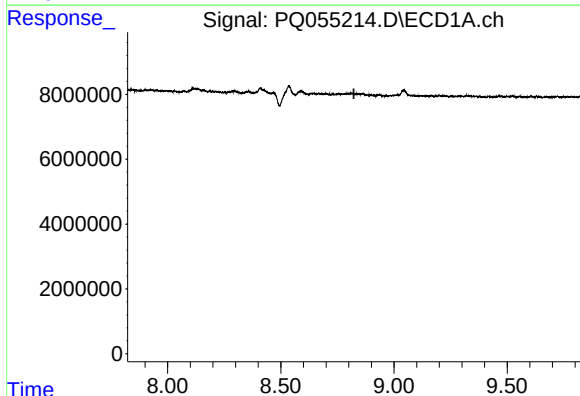
R.T.: 0.000 min
Exp R.T.: 8.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



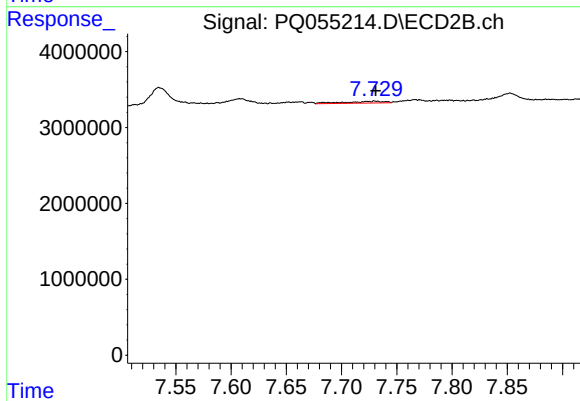
#29 AR-1254-4

R.T.: 7.297 min
Delta R.T.: -0.001 min
Response: 4655925
Conc: 9.76 ng/ml



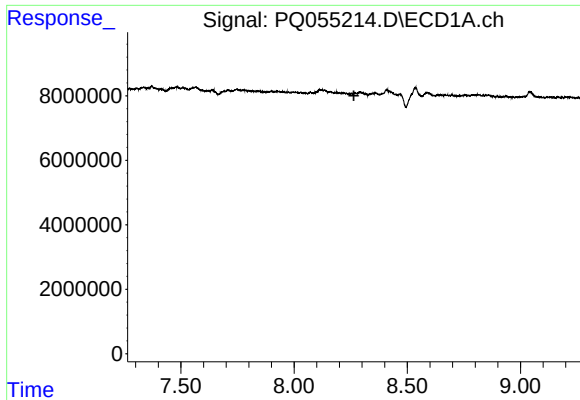
#30 AR-1254-5

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



#30 AR-1254-5

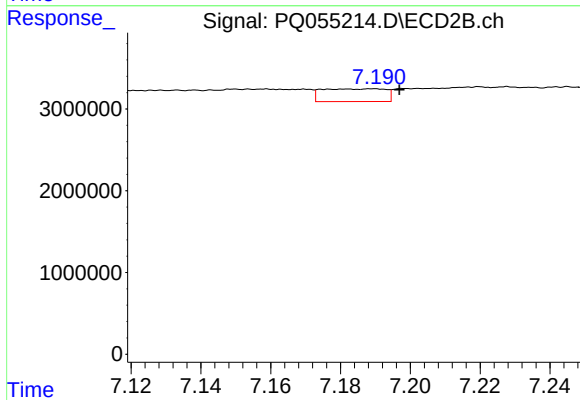
R.T.: 7.730 min
Delta R.T.: 0.000 min
Response: 566709
Conc: 0.85 ng/ml



#31 AR-1260-1

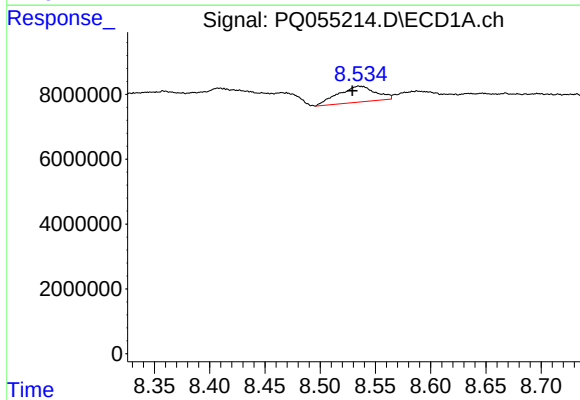
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



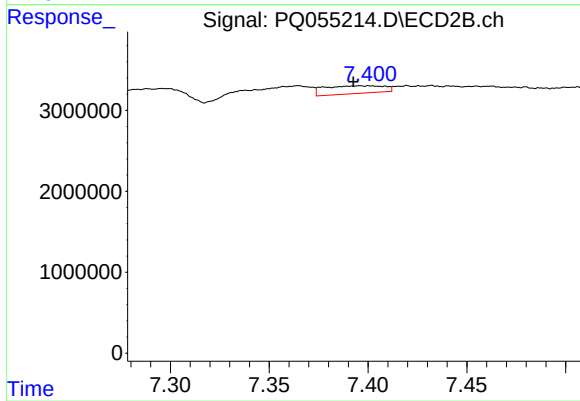
#31 AR-1260-1

R.T.: 7.189 min
Delta R.T.: -0.008 min
Response: 1967426
Conc: 3.93 ng/ml



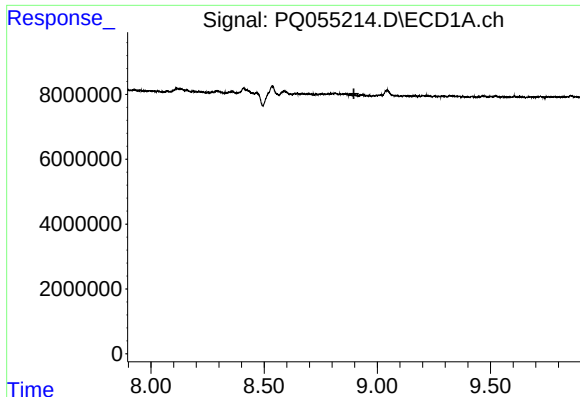
#32 AR-1260-2

R.T.: 8.535 min
Delta R.T.: 0.005 min
Response: 11587076
Conc: 13.96 ng/ml



#32 AR-1260-2

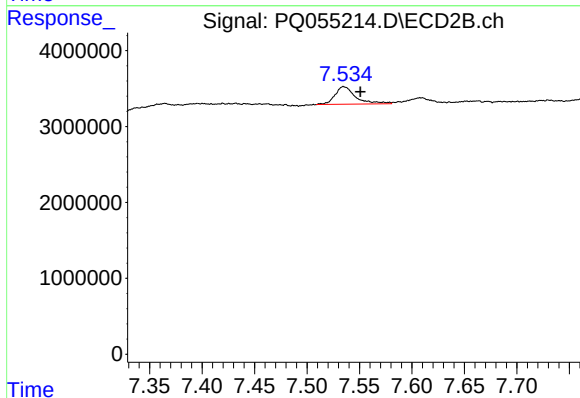
R.T.: 7.401 min
Delta R.T.: 0.008 min
Response: 2033078
Conc: 3.36 ng/ml



#33 AR-1260-3

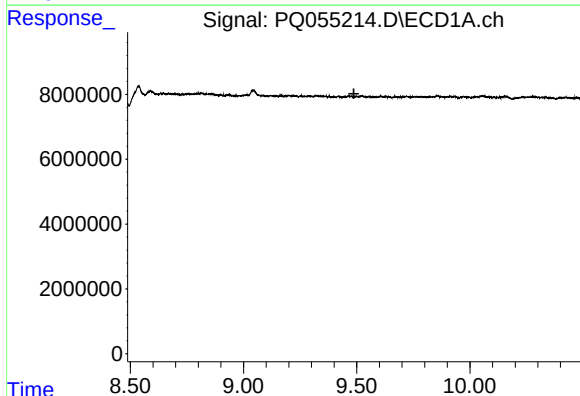
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



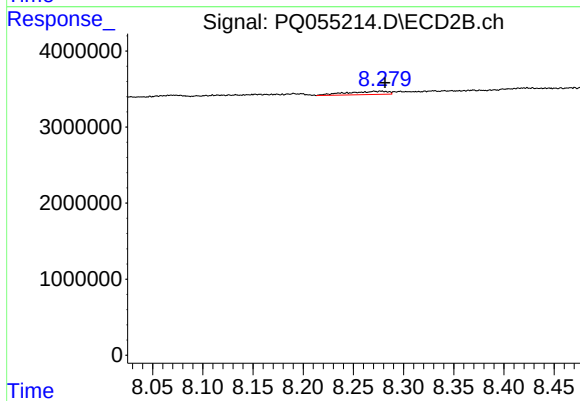
#33 AR-1260-3

R.T.: 7.535 min
Delta R.T.: -0.016 min
Response: 3205303
Conc: 5.61 ng/ml



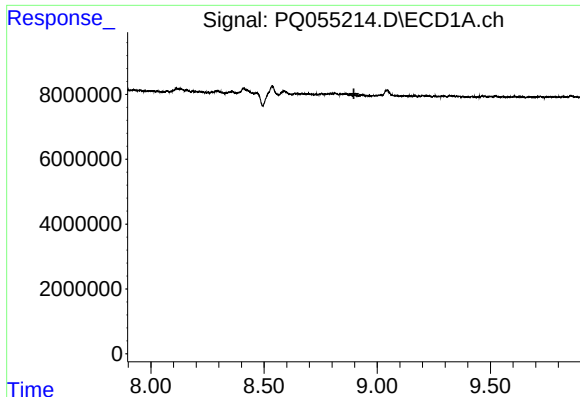
#35 AR-1260-5

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



#35 AR-1260-5

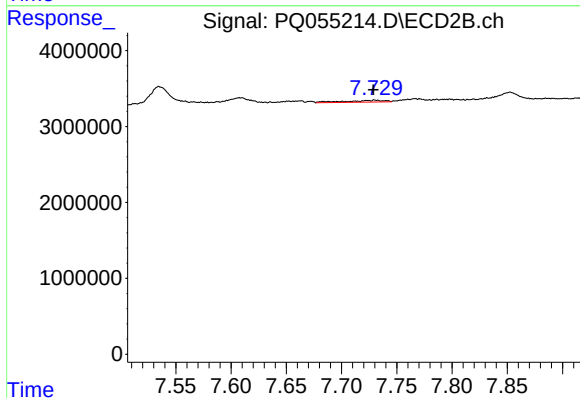
R.T.: 8.271 min
Delta R.T.: -0.011 min
Response: 1211361
Conc: 1.05 ng/ml



#36 AR-1262-1

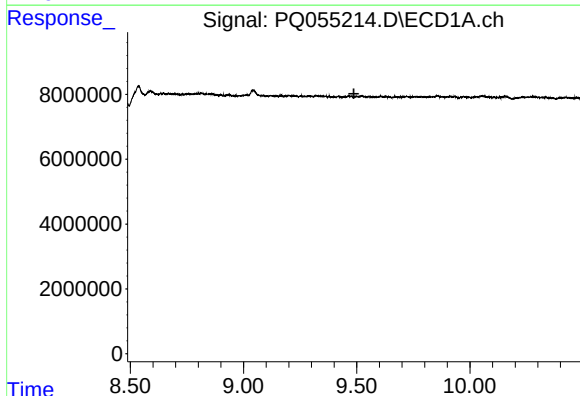
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



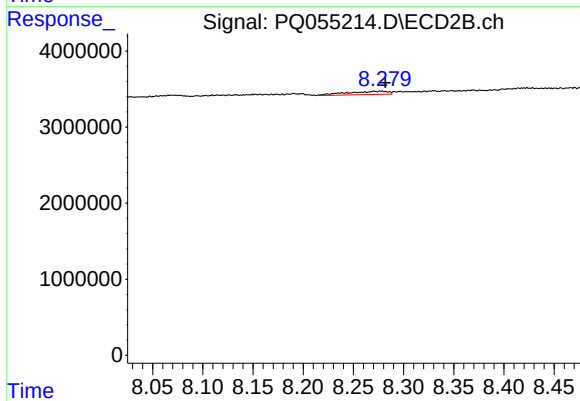
#36 AR-1262-1

R.T.: 7.730 min
Delta R.T.: 0.001 min
Response: 566709
Conc: 1.67 ng/ml



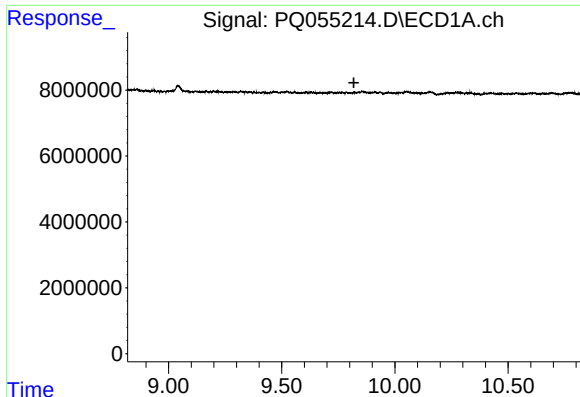
#37 AR-1262-2

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



#37 AR-1262-2

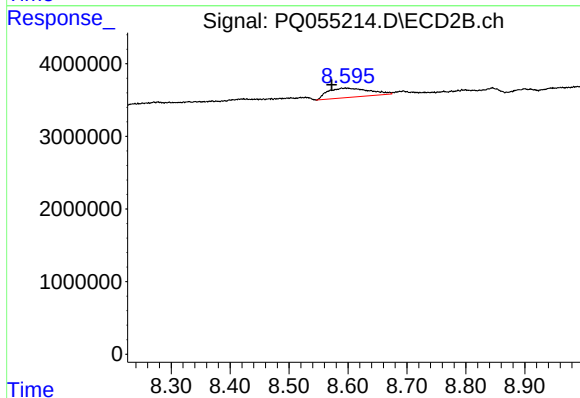
R.T.: 8.271 min
Delta R.T.: -0.011 min
Response: 1211361
Conc: 0.98 ng/ml



#38 AR-1262-3

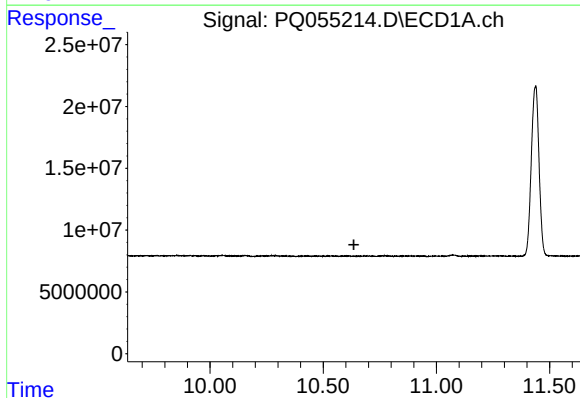
R.T.: 0.000 min
Exp R.T. : 9.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



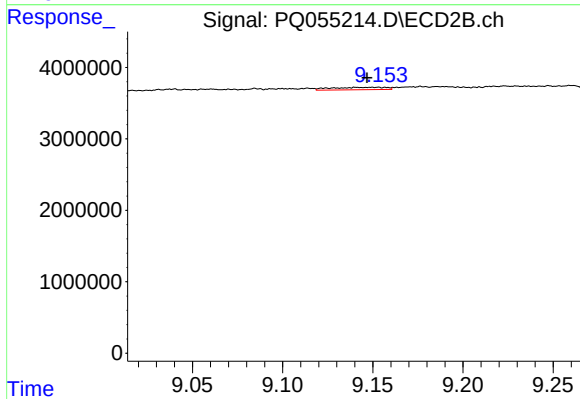
#38 AR-1262-3

R.T.: 8.596 min
Delta R.T.: 0.023 min
Response: 6303045
Conc: 13.64 ng/ml



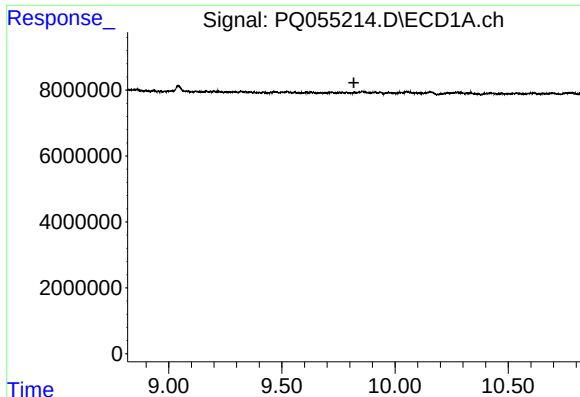
#40 AR-1262-5

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



#40 AR-1262-5

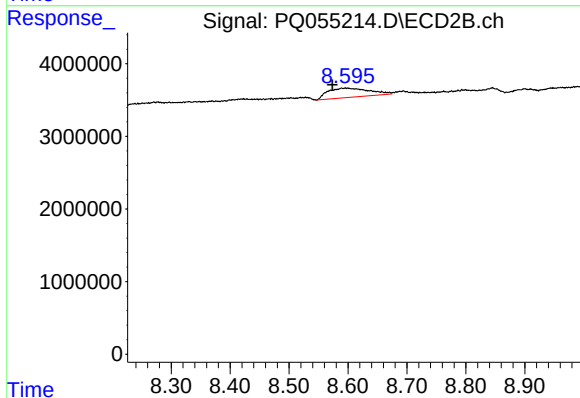
R.T.: 9.152 min
Delta R.T.: 0.005 min
Response: 714672
Conc: 1.78 ng/ml



#41 AR-1268-1

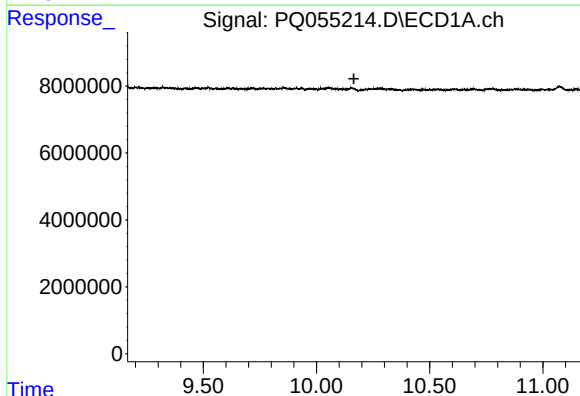
R.T.: 0.000 min
Exp R.T. : 9.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



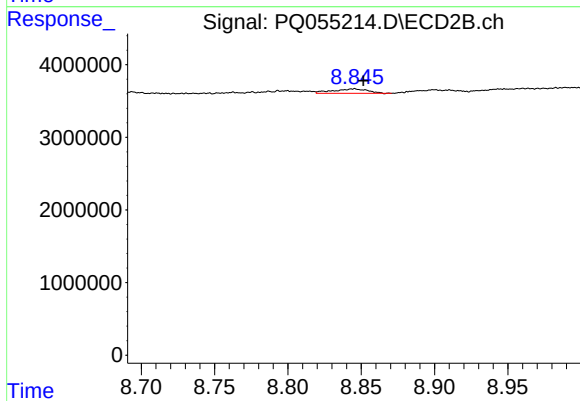
#41 AR-1268-1

R.T.: 8.596 min
Delta R.T.: 0.022 min
Response: 6303045
Conc: 4.45 ng/ml



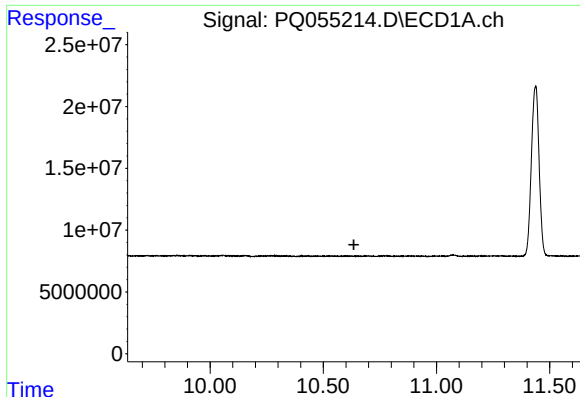
#43 AR-1268-3

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



#43 AR-1268-3

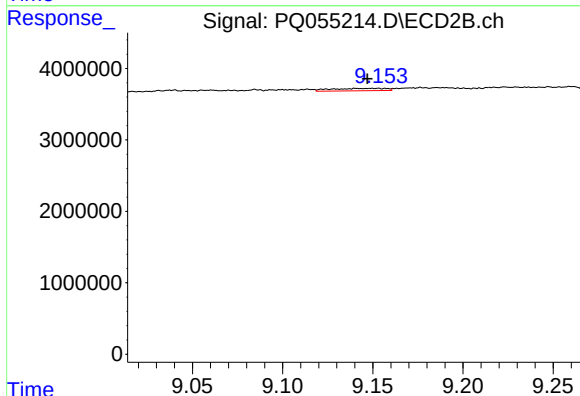
R.T.: 8.845 min
Delta R.T.: -0.006 min
Response: 977215
Conc: 0.89 ng/ml



#44 AR-1268-4

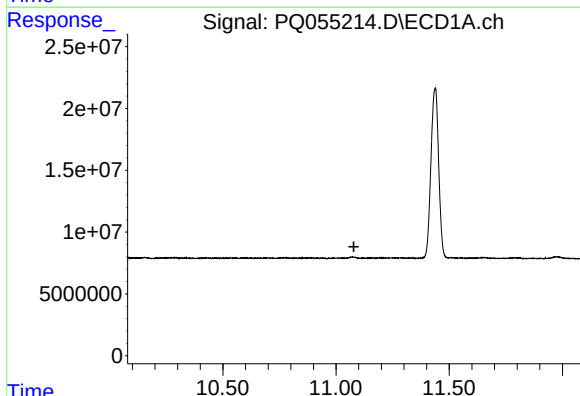
R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



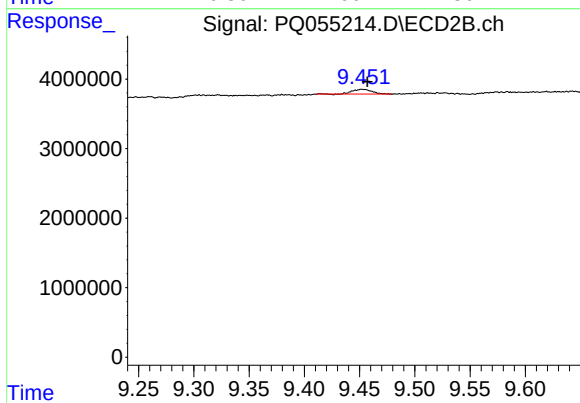
#44 AR-1268-4

R.T.: 9.152 min
Delta R.T.: 0.005 min
Response: 714672
Conc: 1.58 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 9.453 min
Delta R.T.: -0.005 min
Response: 843679
Conc: 0.24 ng/ml