

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020223\
 Data File : PP055255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 13:53
 Operator : YP\AJ
 Sample : 01386-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 23:46:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 2023
 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...	4.328	3.574	31203026	28335737	17.946	18.875
2)	SA Decachlor...	10.083	8.587	33360003	26736660	19.265	19.797
Target Compounds							
3)	L1 AR-1016-1	5.518	4.663	1463395	1291665	21.773	26.097
4)	L1 AR-1016-2	5.518	4.663f	1463395	1291665	15.271	18.661
5)	L1 AR-1016-3	5.577	4.854	1190722	349139	19.906	9.386 #
6)	L1 AR-1016-4	5.685	4.897	315367	1157234	6.581	36.828 #
7)	L1 AR-1016-5	5.974	0.000	1557417	0	30.734	N.D. #
8)	L2 AR-1221-1	4.533	3.791	70820	632007	3.012	31.876 #
9)	L2 AR-1221-2	4.633	3.871	1634813	2363401	92.014	159.448 #
10)	L2 AR-1221-3	4.712	3.949	492438	607461	9.151	13.465 #
11)	L3 AR-1232-1	4.712	3.949	492438	607461	11.095	16.480 #
12)	L3 AR-1232-2	5.235	4.663f	2095019	1291665	92.639	40.437 #
13)	L3 AR-1232-3	5.518	4.854	1463395	349139	33.322	20.943 #
14)	L3 AR-1232-4	5.685	4.954	315367	1129533	14.248	70.044 #
15)	L3 AR-1232-5	5.778	0.000	734771	0	41.970	N.D. #
16)	L4 AR-1242-1	5.518f	4.663	1463395	1291665	26.137	31.533
17)	L4 AR-1242-2	5.518	4.663f	1463395	1291665	18.331	22.621
18)	L4 AR-1242-3	5.577	4.854	1190722	349139	23.977	11.311 #
19)	L4 AR-1242-4	5.685	4.954	315367	1129533	7.869	34.769 #
20)	L4 AR-1242-5	6.430	5.466	267928	959436	6.026	25.673 #
21)	L5 AR-1248-1	5.518f	4.663	1463395	1291665	35.090	41.662
22)	L5 AR-1248-2	5.778	4.897	734771	1157234	11.558	25.307 #
23)	L5 AR-1248-3	5.974	4.954	1557417	1129533	22.520	23.693
24)	L5 AR-1248-4	6.391	0.000	1094521	0	14.433	N.D. #
25)	L5 AR-1248-5	6.430	5.511	267928	1210014	3.631	24.608 #
26)	L6 AR-1254-1	6.338f	5.466	1625219	959436	20.600	11.880 #
27)	L6 AR-1254-2	6.576	5.610	2190676	1063590	18.101	14.862
28)	L6 AR-1254-3	6.921f	6.026	36955442	1070922	301.702	9.613 #
29)	L6 AR-1254-4	7.228	0.000	775868	0	8.805	N.D. #
30)	L6 AR-1254-5	7.674f	6.659	1738346	827217	17.184	8.726 #
31)	L7 AR-1260-1	7.093f	6.148	6642990	2127274	69.687	27.433 #
32)	L7 AR-1260-2	0.000	6.341	0	1185795	N.D.	13.190 #
33)	L7 AR-1260-3	7.735	6.487	469289	467149	5.828	5.502
34)	L7 AR-1260-4	7.962	6.950f	2094882	510093	21.580	7.124 #
35)	L7 AR-1260-5	8.263	7.200	803657	933240	4.519	6.070 #
36)	L8 AR-1262-1	7.735	6.758	469289	435198	3.978	10.130 #
37)	L8 AR-1262-2	8.263	6.950f	803657	510093	3.990	5.507 #
38)	L8 AR-1262-3	8.566f	7.484	140374	1048620	1.009	14.392 #
39)	L8 AR-1262-4	8.679	7.551	880747	1567955	11.456	11.989
40)	L8 AR-1262-5	9.337	8.084f	-13028	197331	N.D.	3.326 #
41)	L9 AR-1268-1	8.566f	7.484	140374	1048620	0.574	4.850 #

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 Integrator: ChemStation

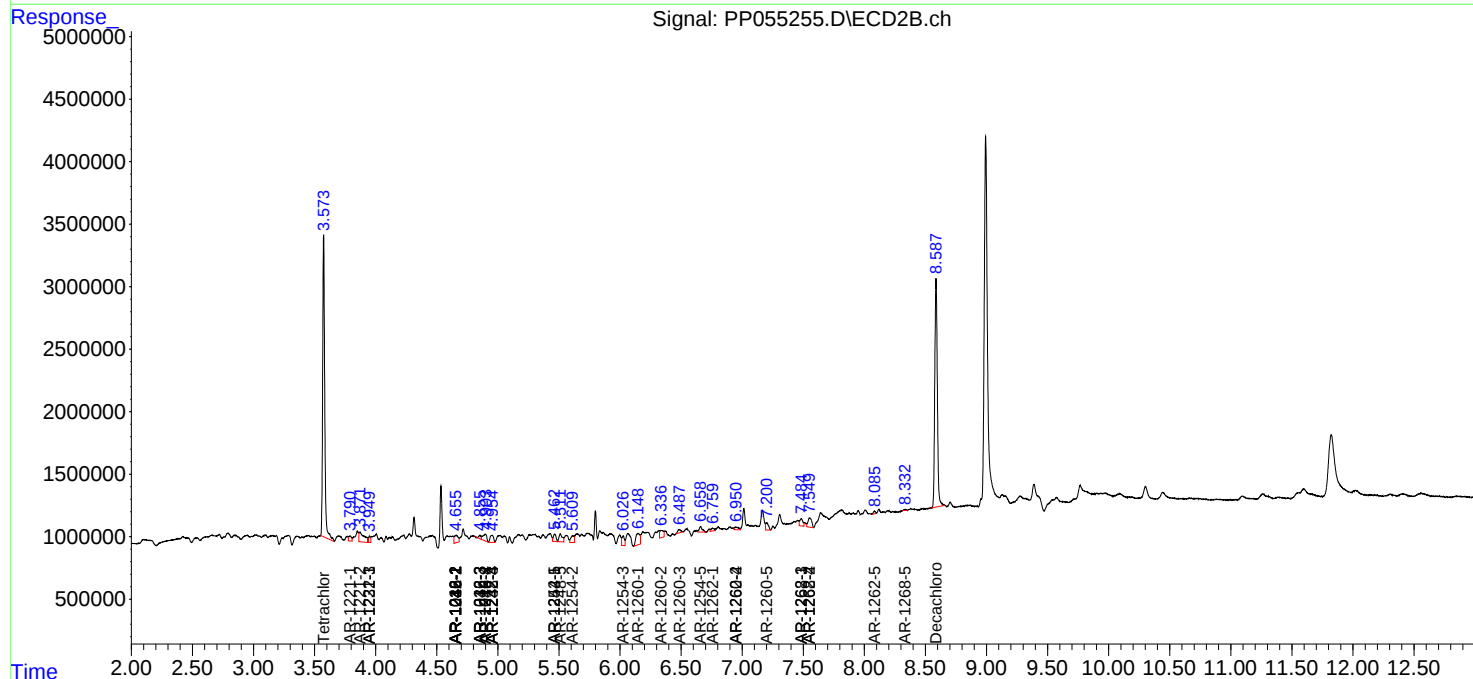
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

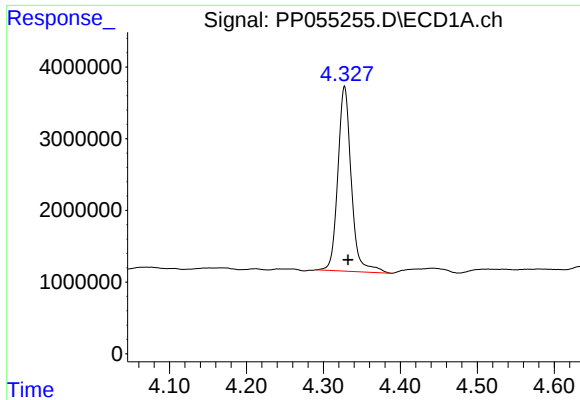
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.679	7.551	880747	1567955	3.878	8.035 #
43) L9	AR-1268-3	8.903	0.000	202912	0	1.016	N.D. #
45) L9	AR-1268-5	9.749	8.334	164993	111720	0.259	0.212

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

Instrument :
ECD_P
ClientSampleId :

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

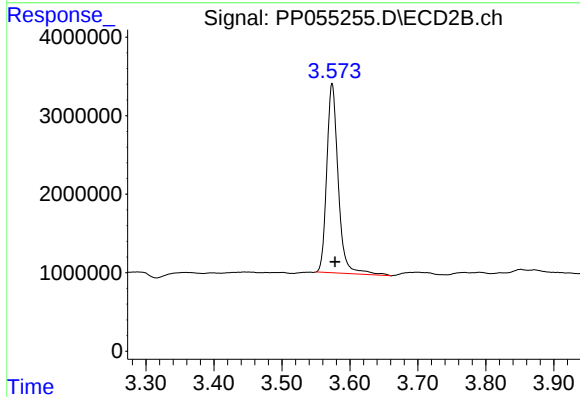




#1 Tetrachloro-m-xylene

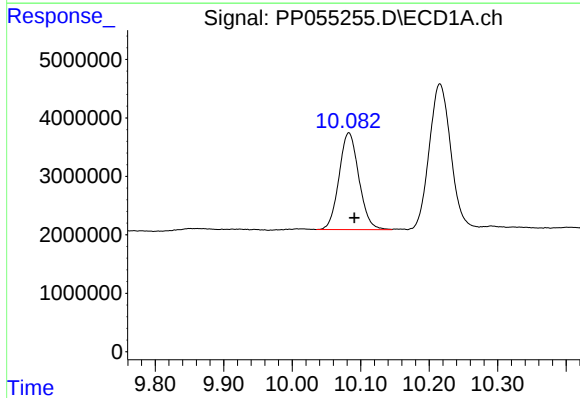
R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 31203026
Conc: 17.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



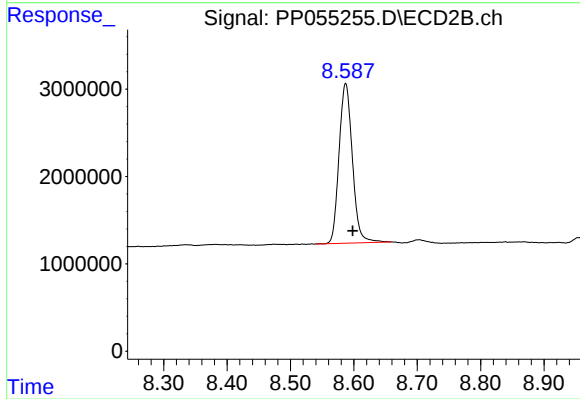
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: -0.004 min
Response: 28335737
Conc: 18.88 ng/ml



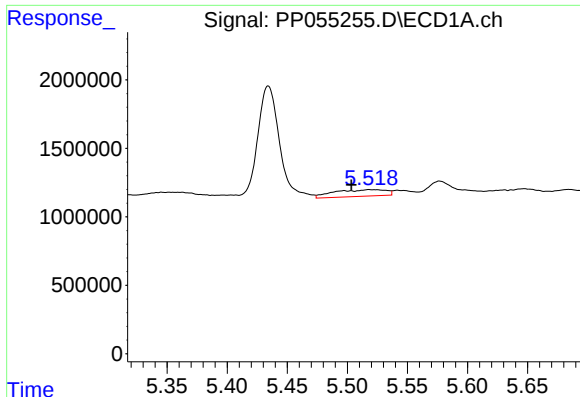
#2 Decachlorobiphenyl

R.T.: 10.083 min
Delta R.T.: -0.008 min
Response: 33360003
Conc: 19.26 ng/ml



#2 Decachlorobiphenyl

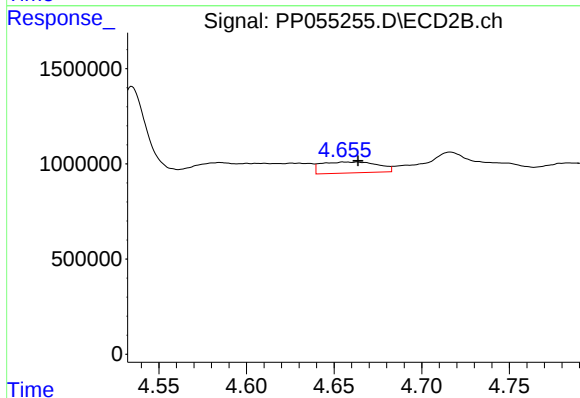
R.T.: 8.587 min
Delta R.T.: -0.011 min
Response: 26736660
Conc: 19.80 ng/ml



#3 AR-1016-1

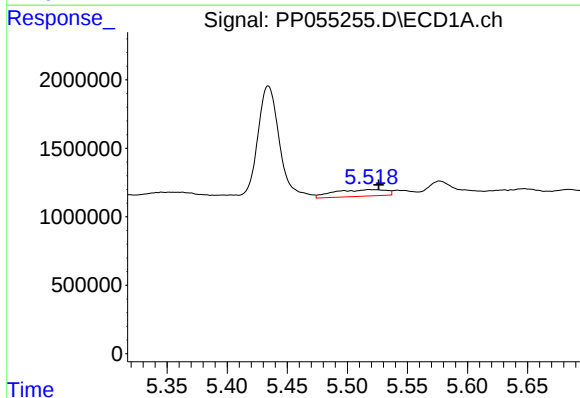
R.T.: 5.518 min
Delta R.T.: 0.015 min
Response: 1463395
Conc: 21.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



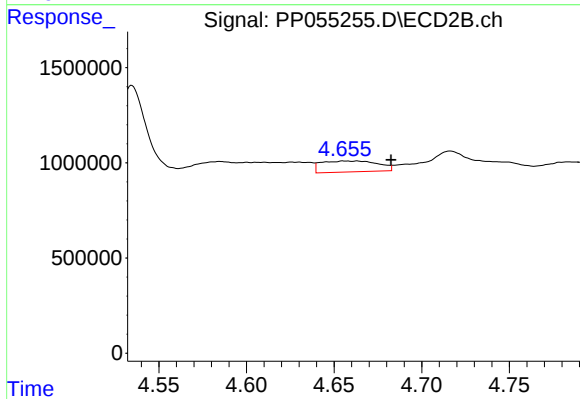
#3 AR-1016-1

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 1291665
Conc: 26.10 ng/ml



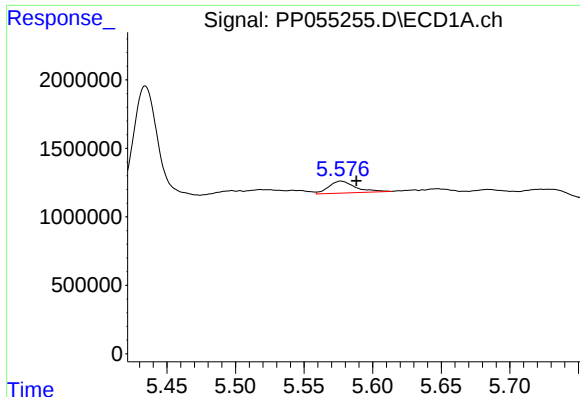
#4 AR-1016-2

R.T.: 5.518 min
Delta R.T.: -0.008 min
Response: 1463395
Conc: 15.27 ng/ml



#4 AR-1016-2

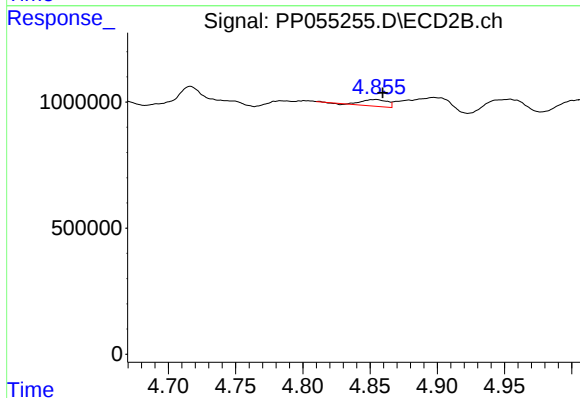
R.T.: 4.663 min
Delta R.T.: -0.019 min
Response: 1291665
Conc: 18.66 ng/ml



#5 AR-1016-3

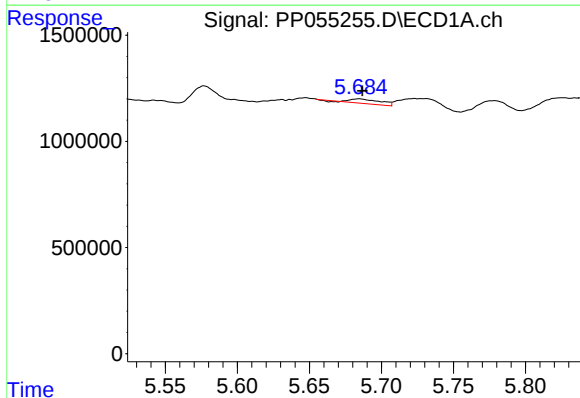
R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 1190722
Conc: 19.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



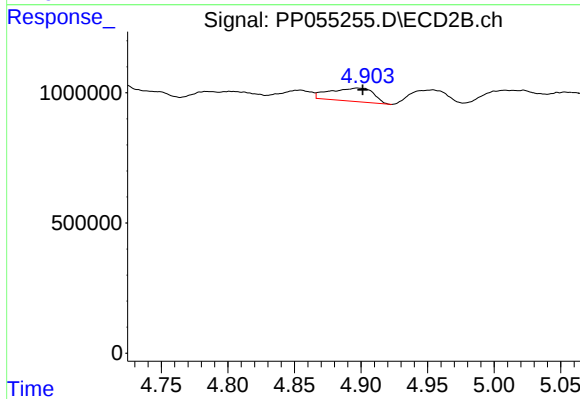
#5 AR-1016-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 349139
Conc: 9.39 ng/ml



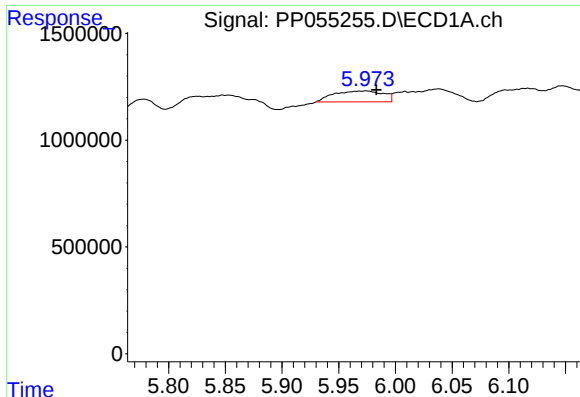
#6 AR-1016-4

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 315367
Conc: 6.58 ng/ml



#6 AR-1016-4

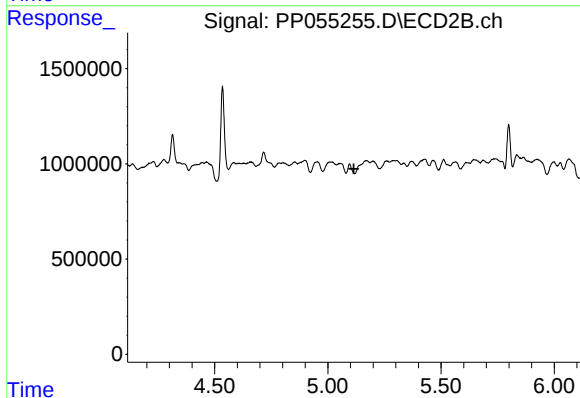
R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 1157234
Conc: 36.83 ng/ml



#7 AR-1016-5

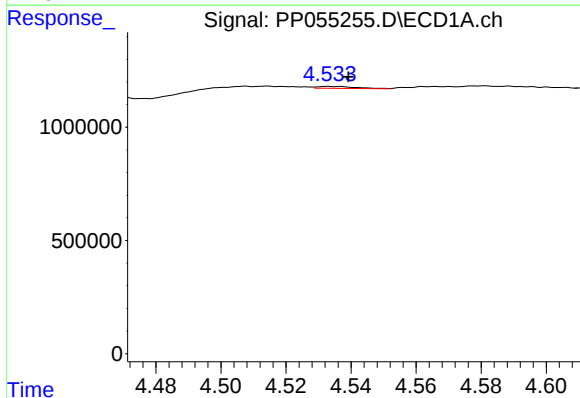
R.T.: 5.974 min
Delta R.T.: -0.009 min
Response: 1557417
Conc: 30.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



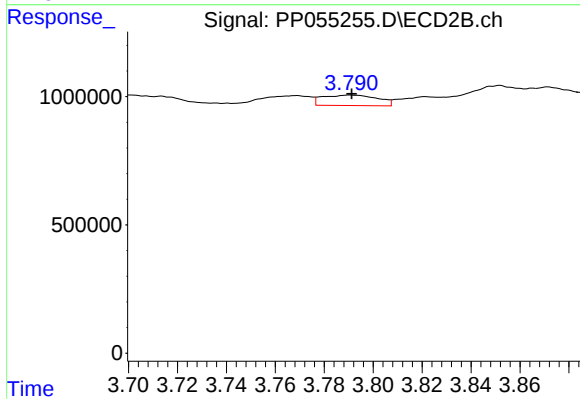
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.115 min
Response: 0
Conc: N.D.



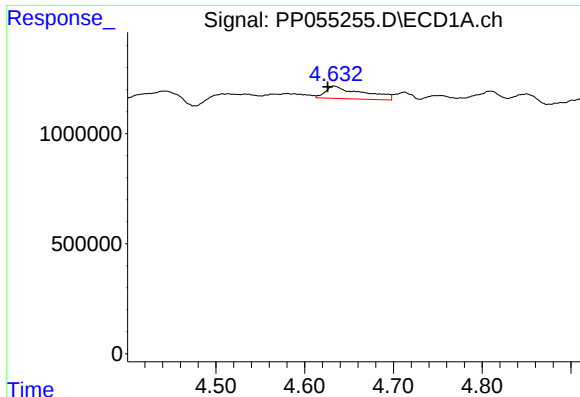
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.006 min
Response: 70820
Conc: 3.01 ng/ml



#8 AR-1221-1

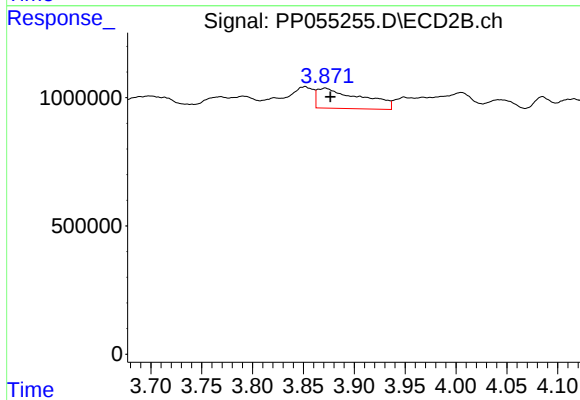
R.T.: 3.791 min
Delta R.T.: 0.000 min
Response: 632007
Conc: 31.88 ng/ml



#9 AR-1221-2

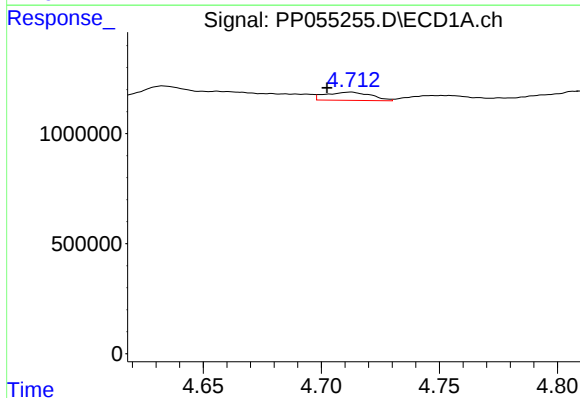
R.T.: 4.633 min
Delta R.T.: 0.007 min
Response: 1634813
Conc: 92.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



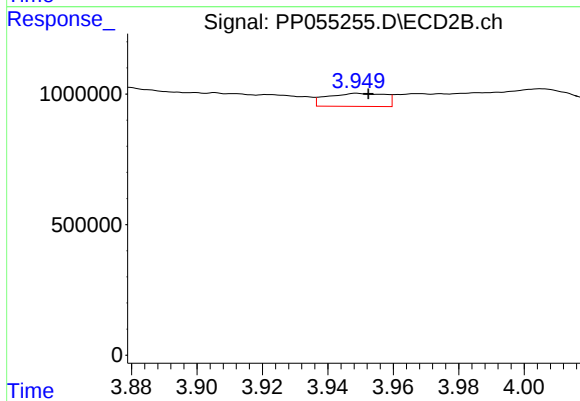
#9 AR-1221-2

R.T.: 3.871 min
Delta R.T.: -0.005 min
Response: 2363401
Conc: 159.45 ng/ml



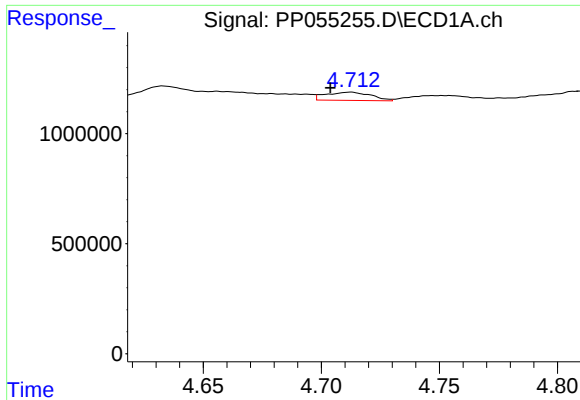
#10 AR-1221-3

R.T.: 4.712 min
Delta R.T.: 0.010 min
Response: 492438
Conc: 9.15 ng/ml



#10 AR-1221-3

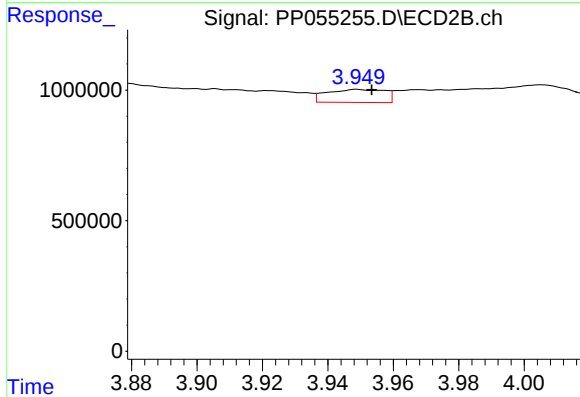
R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 607461
Conc: 13.46 ng/ml



#11 AR-1232-1

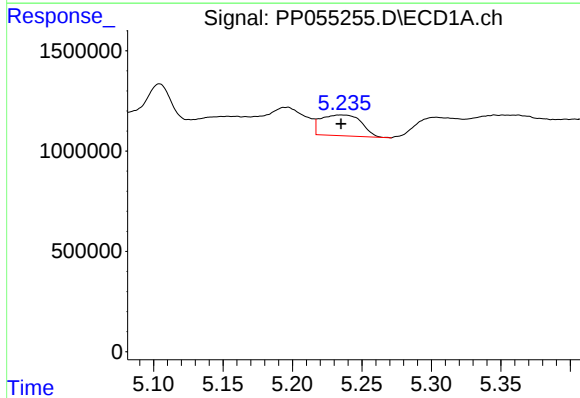
R.T.: 4.712 min
Delta R.T.: 0.009 min
Response: 492438
Conc: 11.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



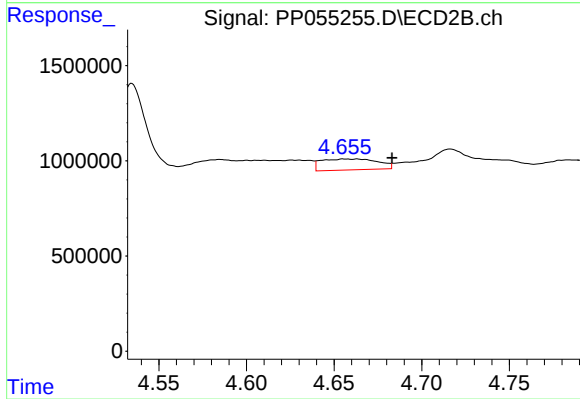
#11 AR-1232-1

R.T.: 3.949 min
Delta R.T.: -0.004 min
Response: 607461
Conc: 16.48 ng/ml



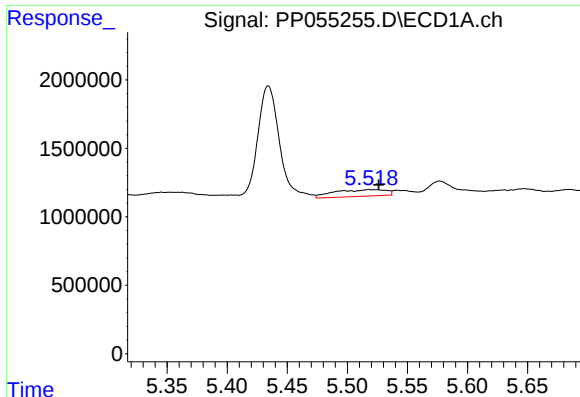
#12 AR-1232-2

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 2095019
Conc: 92.64 ng/ml



#12 AR-1232-2

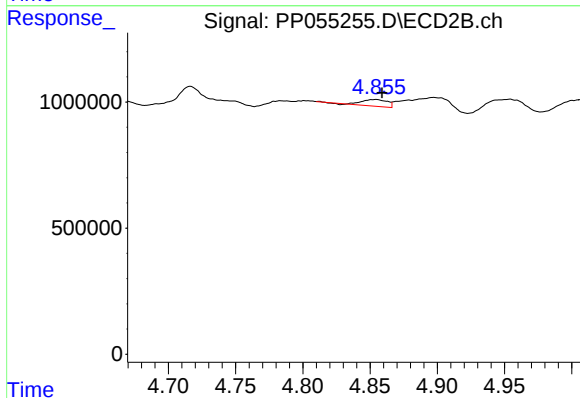
R.T.: 4.663 min
Delta R.T.: -0.020 min
Response: 1291665
Conc: 40.44 ng/ml



#13 AR-1232-3

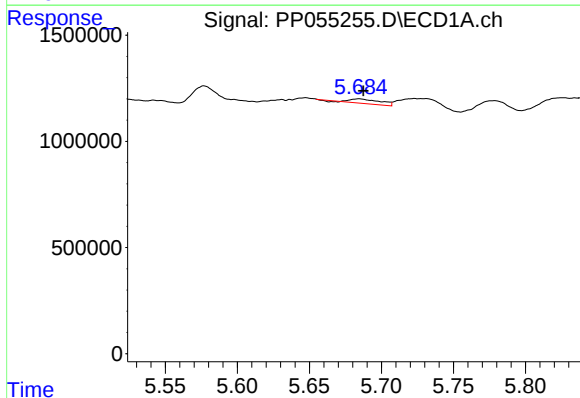
R.T.: 5.518 min
Delta R.T.: -0.008 min
Response: 1463395
Conc: 33.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



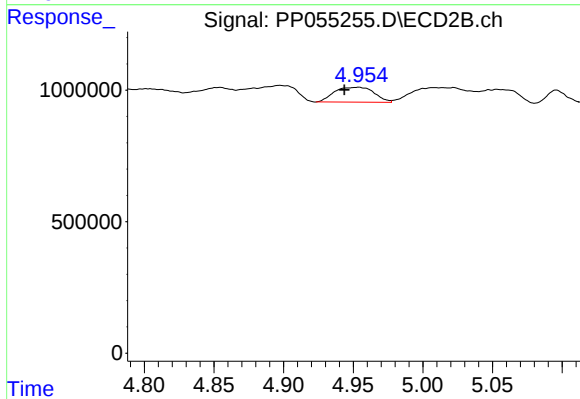
#13 AR-1232-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 349139
Conc: 20.94 ng/ml



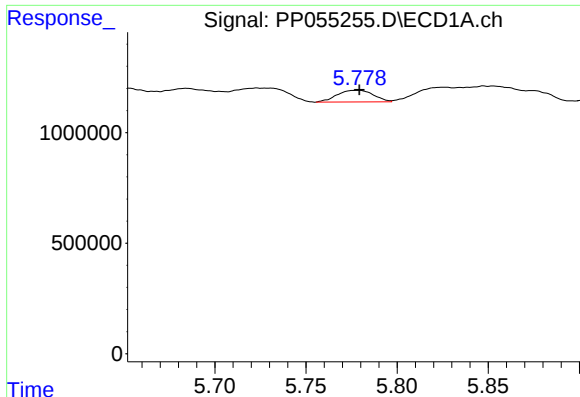
#14 AR-1232-4

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 315367
Conc: 14.25 ng/ml



#14 AR-1232-4

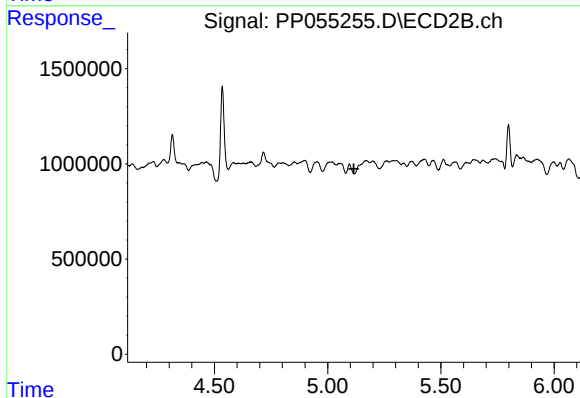
R.T.: 4.954 min
Delta R.T.: 0.010 min
Response: 1129533
Conc: 70.04 ng/ml



#15 AR-1232-5

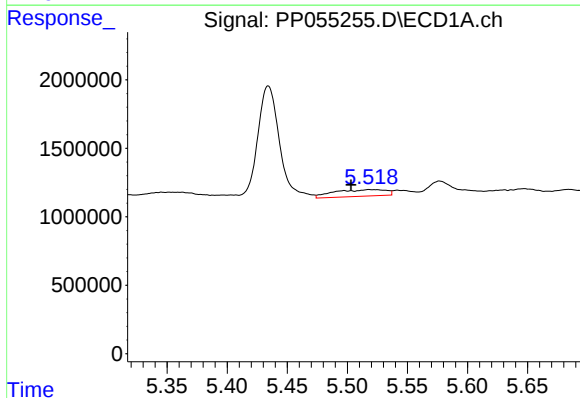
R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 734771
Conc: 41.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



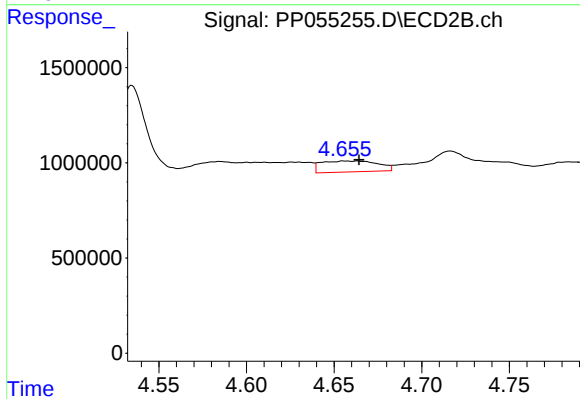
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.115 min
Response: 0
Conc: N.D.



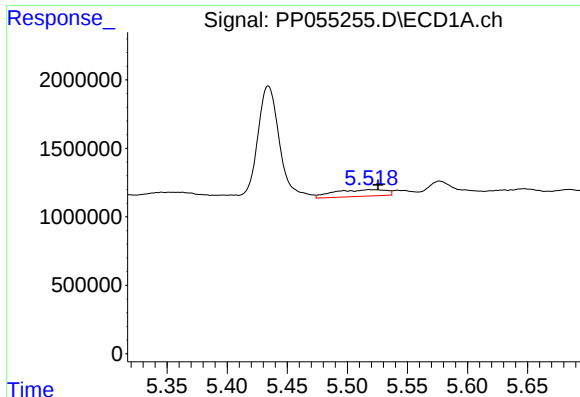
#16 AR-1242-1

R.T.: 5.518 min
Delta R.T.: 0.015 min
Response: 1463395
Conc: 26.14 ng/ml



#16 AR-1242-1

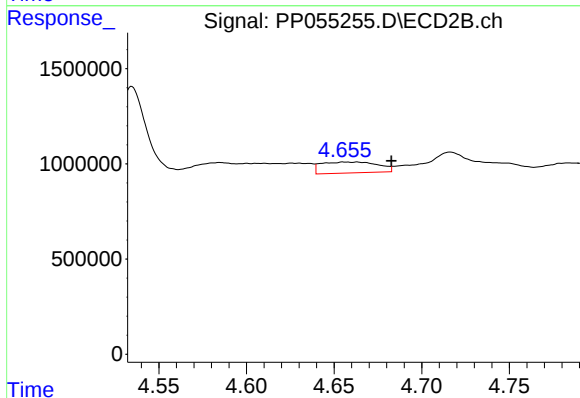
R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 1291665
Conc: 31.53 ng/ml



#17 AR-1242-2

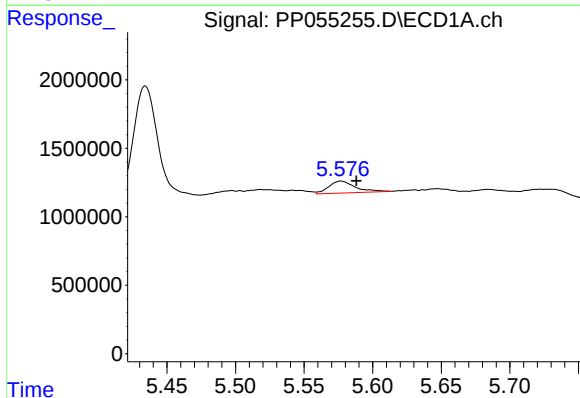
R.T.: 5.518 min
Delta R.T.: -0.007 min
Response: 1463395
Conc: 18.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



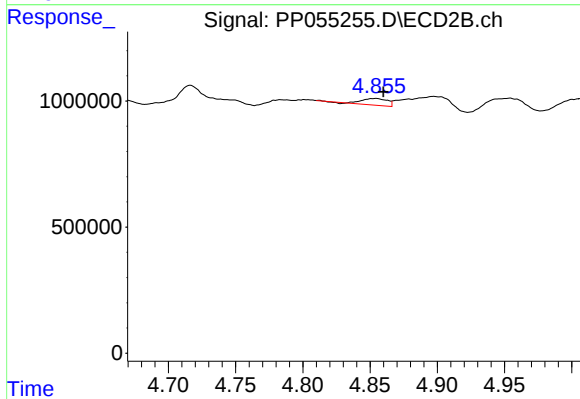
#17 AR-1242-2

R.T.: 4.663 min
Delta R.T.: -0.020 min
Response: 1291665
Conc: 22.62 ng/ml



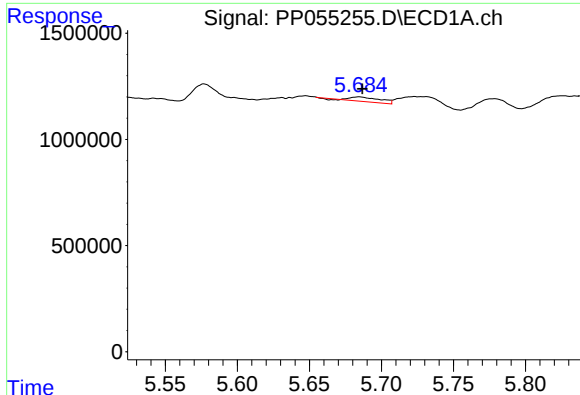
#18 AR-1242-3

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 1190722
Conc: 23.98 ng/ml



#18 AR-1242-3

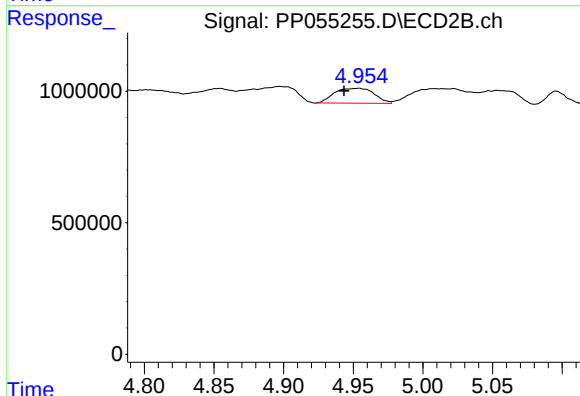
R.T.: 4.854 min
Delta R.T.: -0.006 min
Response: 349139
Conc: 11.31 ng/ml



#19 AR-1242-4

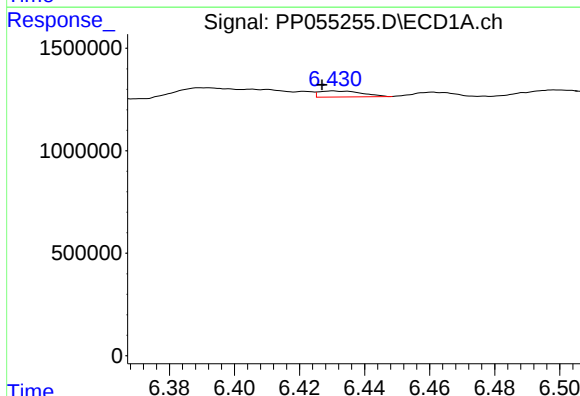
R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 315367
Conc: 7.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



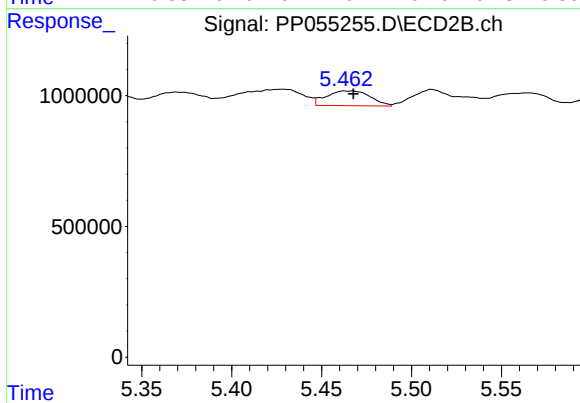
#19 AR-1242-4

R.T.: 4.954 min
Delta R.T.: 0.010 min
Response: 1129533
Conc: 34.77 ng/ml



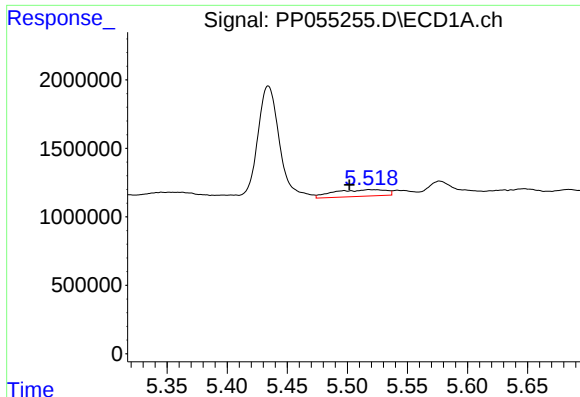
#20 AR-1242-5

R.T.: 6.430 min
Delta R.T.: 0.003 min
Response: 267928
Conc: 6.03 ng/ml



#20 AR-1242-5

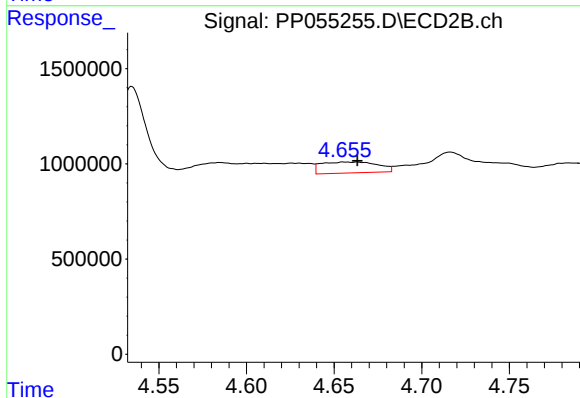
R.T.: 5.466 min
Delta R.T.: -0.001 min
Response: 959436
Conc: 25.67 ng/ml



#21 AR-1248-1

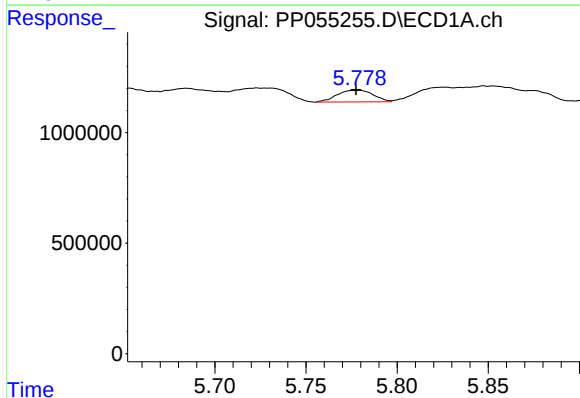
R.T.: 5.518 min
Delta R.T.: 0.016 min
Response: 1463395
Conc: 35.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



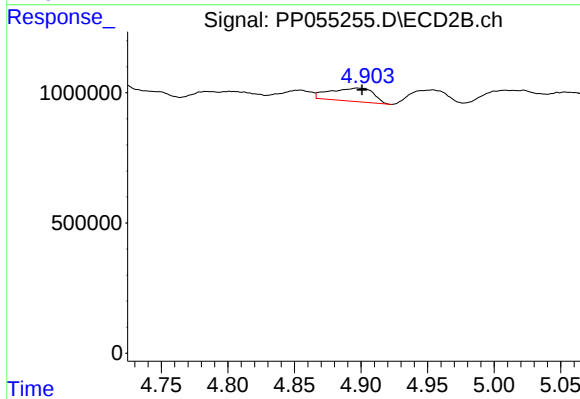
#21 AR-1248-1

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 1291665
Conc: 41.66 ng/ml



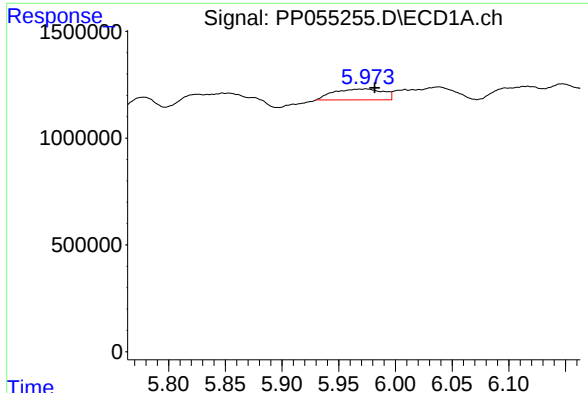
#22 AR-1248-2

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 734771
Conc: 11.56 ng/ml



#22 AR-1248-2

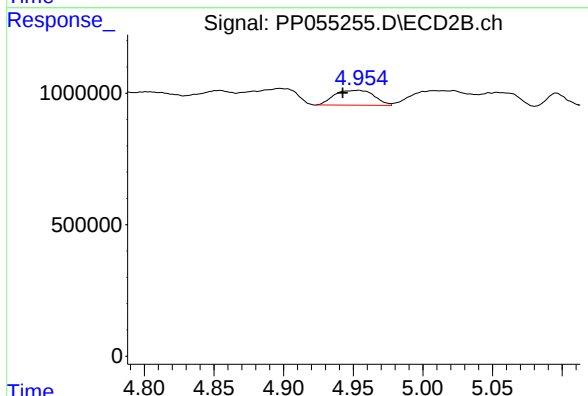
R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 1157234
Conc: 25.31 ng/ml



#23 AR-1248-3

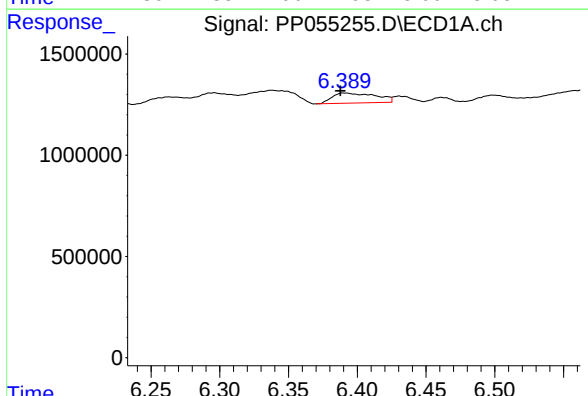
R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 1557417
Conc: 22.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



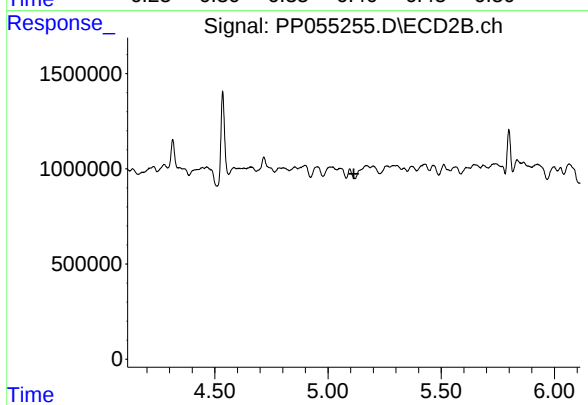
#23 AR-1248-3

R.T.: 4.954 min
Delta R.T.: 0.011 min
Response: 1129533
Conc: 23.69 ng/ml



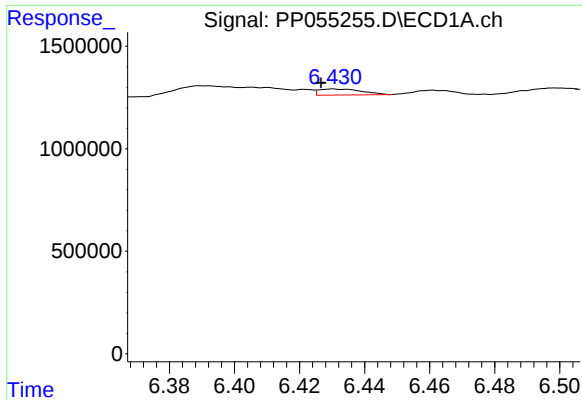
#24 AR-1248-4

R.T.: 6.391 min
Delta R.T.: 0.003 min
Response: 1094521
Conc: 14.43 ng/ml



#24 AR-1248-4

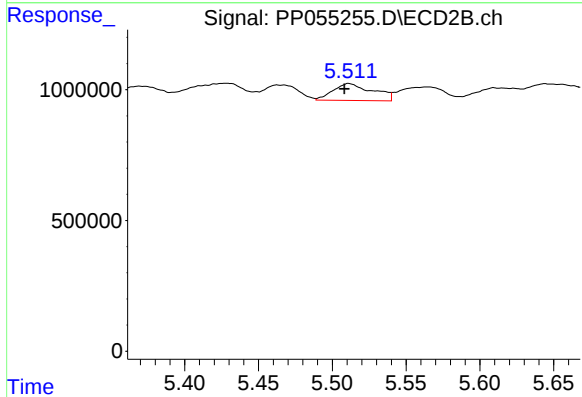
R.T.: 0.000 min
Exp R.T.: 5.114 min
Response: 0
Conc: N.D.



#25 AR-1248-5

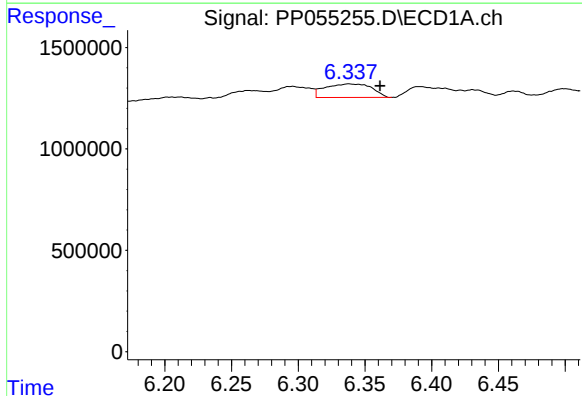
R.T.: 6.430 min
Delta R.T.: 0.004 min
Response: 267928
Conc: 3.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



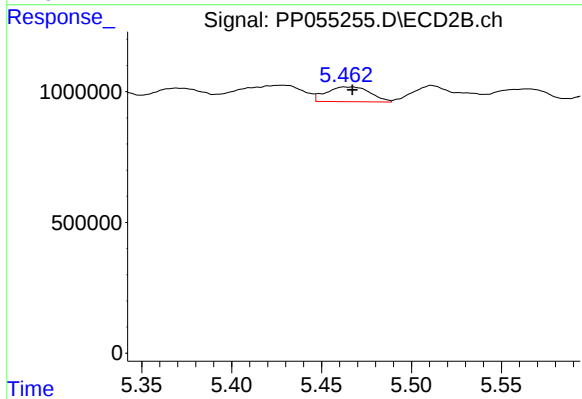
#25 AR-1248-5

R.T.: 5.511 min
Delta R.T.: 0.003 min
Response: 1210014
Conc: 24.61 ng/ml



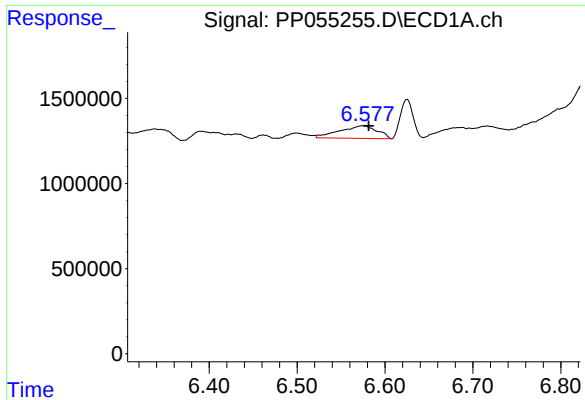
#26 AR-1254-1

R.T.: 6.338 min
Delta R.T.: -0.023 min
Response: 1625219
Conc: 20.60 ng/ml



#26 AR-1254-1

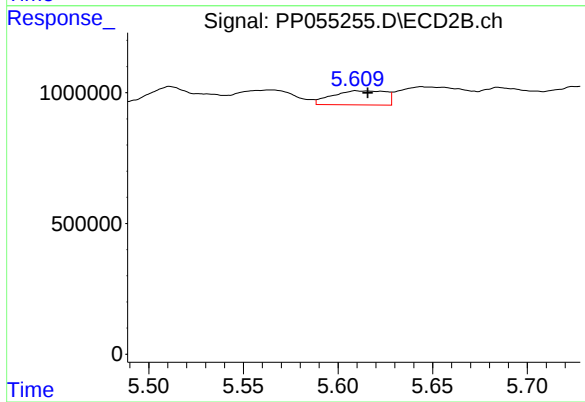
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 959436
Conc: 11.88 ng/ml



#27 AR-1254-2

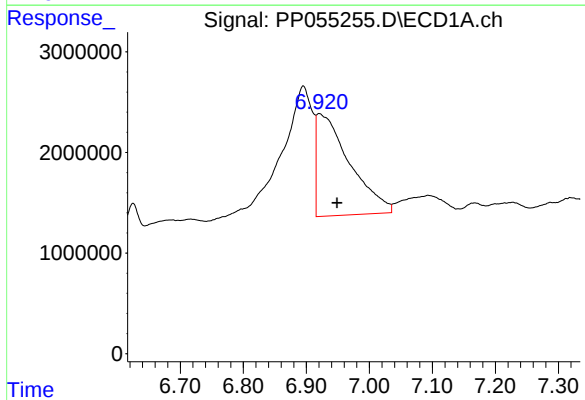
R.T.: 6.576 min
Delta R.T.: -0.006 min
Response: 2190676
Conc: 18.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



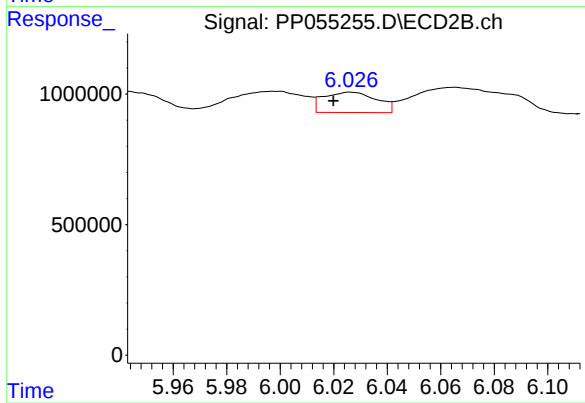
#27 AR-1254-2

R.T.: 5.610 min
Delta R.T.: -0.006 min
Response: 1063590
Conc: 14.86 ng/ml



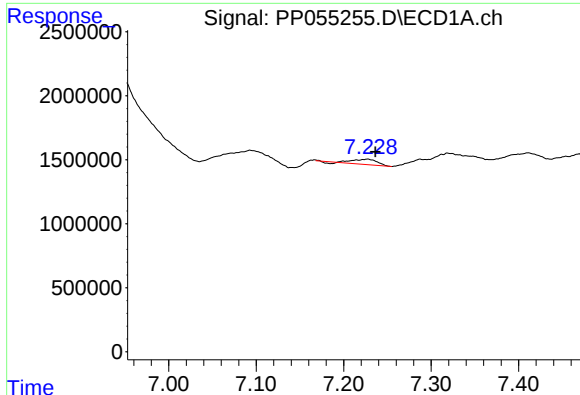
#28 AR-1254-3

R.T.: 6.921 min
Delta R.T.: -0.028 min
Response: 3695542
Conc: 301.70 ng/ml



#28 AR-1254-3

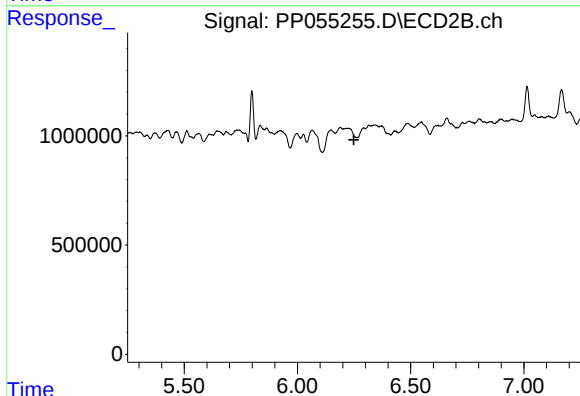
R.T.: 6.026 min
Delta R.T.: 0.007 min
Response: 1070922
Conc: 9.61 ng/ml



#29 AR-1254-4

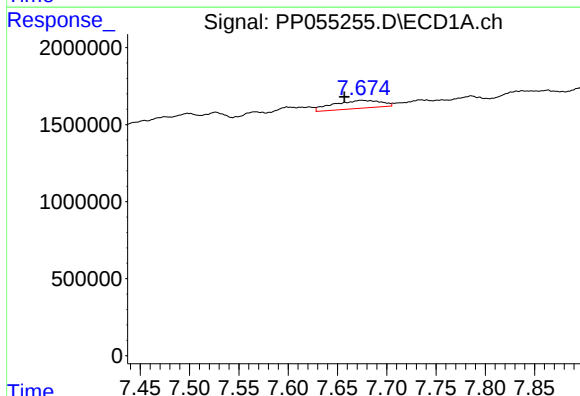
R.T.: 7.228 min
Delta R.T.: -0.009 min
Response: 775868
Conc: 8.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



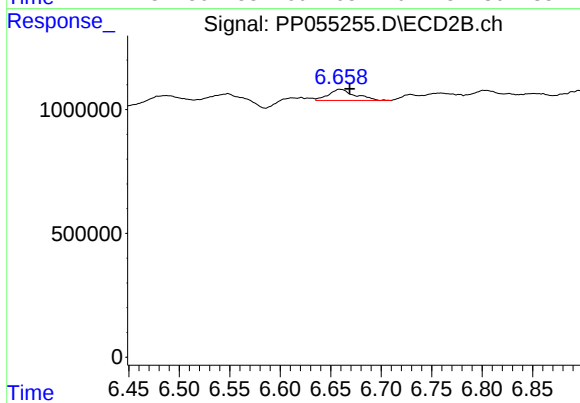
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.250 min
Response: 0
Conc: N.D.



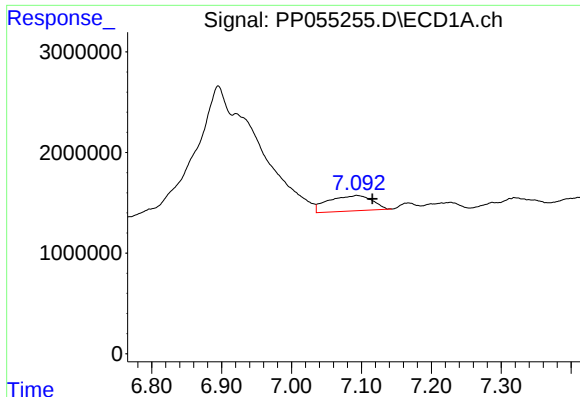
#30 AR-1254-5

R.T.: 7.674 min
Delta R.T.: 0.017 min
Response: 1738346
Conc: 17.18 ng/ml



#30 AR-1254-5

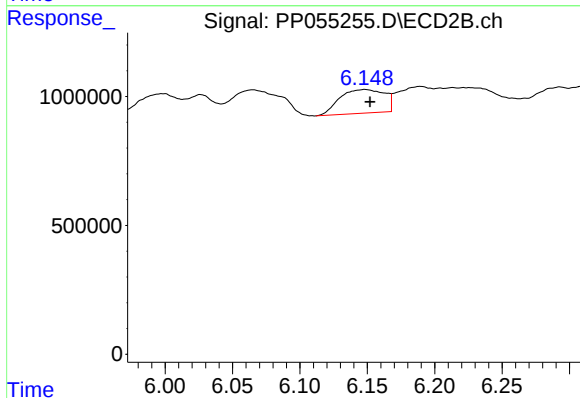
R.T.: 6.659 min
Delta R.T.: -0.010 min
Response: 827217
Conc: 8.73 ng/ml



#31 AR-1260-1

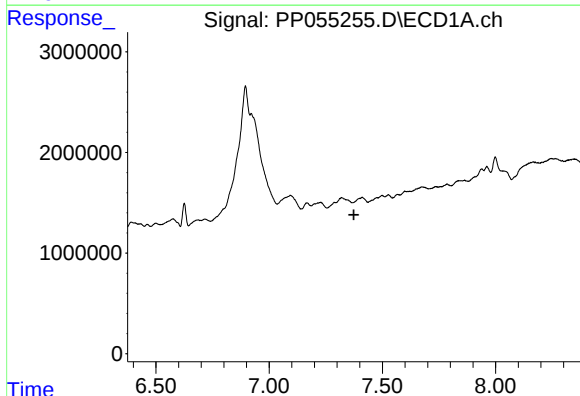
R.T.: 7.093 min
Delta R.T.: -0.023 min
Response: 6642990
Conc: 69.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



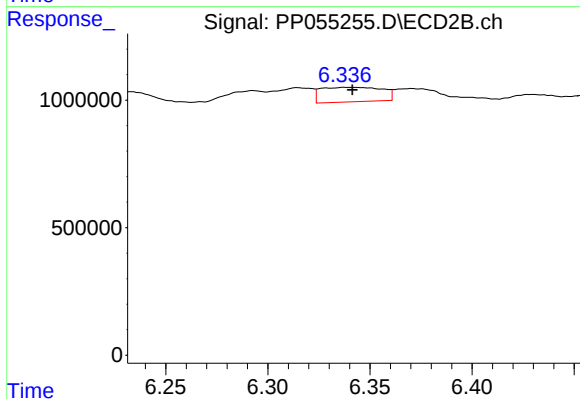
#31 AR-1260-1

R.T.: 6.148 min
Delta R.T.: -0.004 min
Response: 2127274
Conc: 27.43 ng/ml



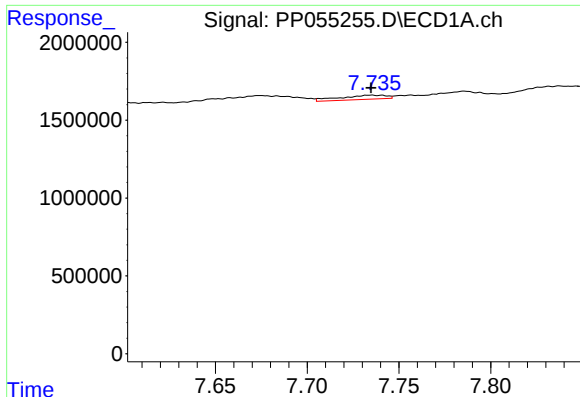
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.374 min
Response: 0
Conc: N.D.



#32 AR-1260-2

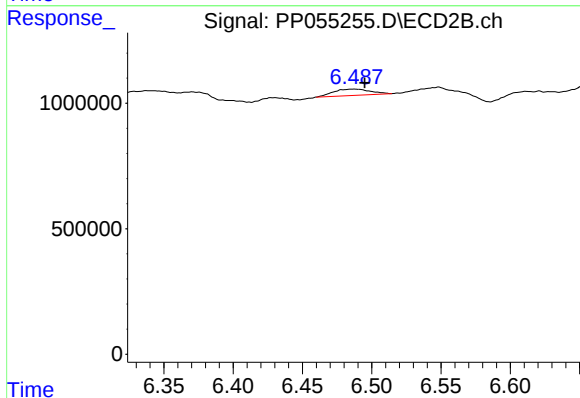
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 1185795
Conc: 13.19 ng/ml



#33 AR-1260-3

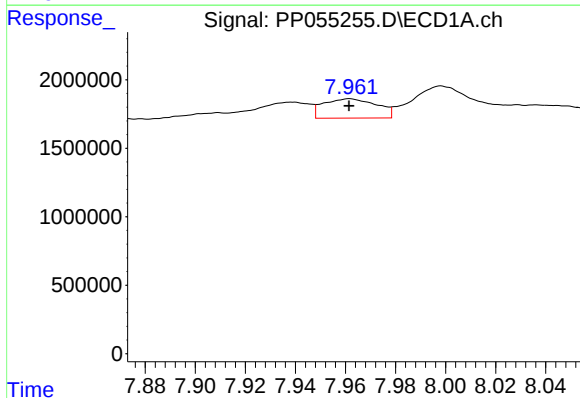
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 469289
Conc: 5.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



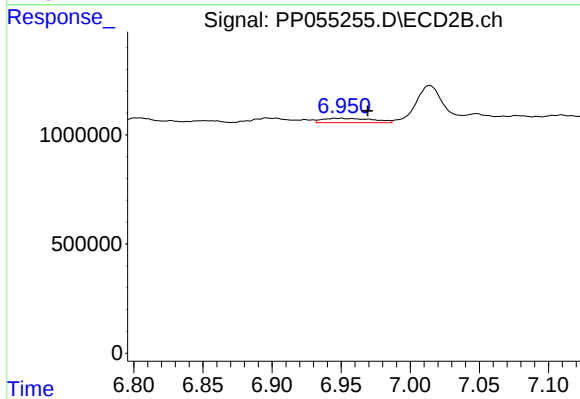
#33 AR-1260-3

R.T.: 6.487 min
Delta R.T.: -0.008 min
Response: 467149
Conc: 5.50 ng/ml



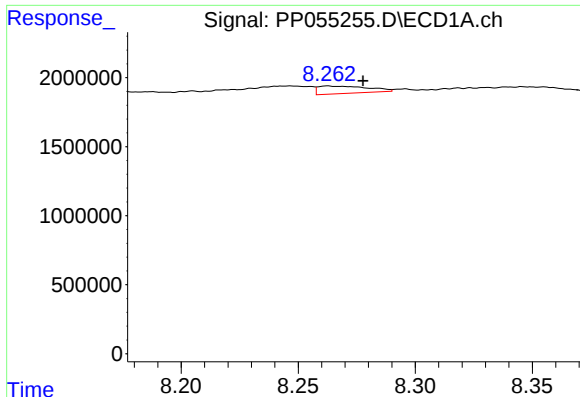
#34 AR-1260-4

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 2094882
Conc: 21.58 ng/ml



#34 AR-1260-4

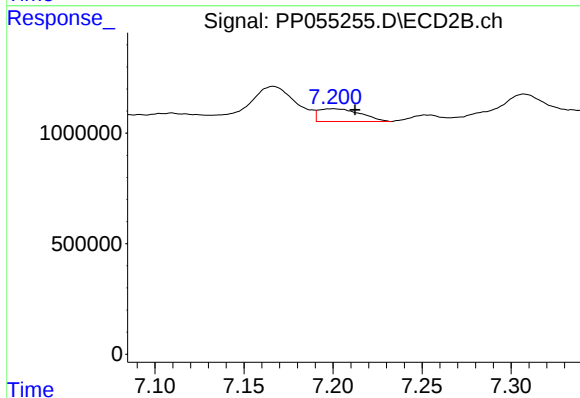
R.T.: 6.950 min
Delta R.T.: -0.019 min
Response: 510093
Conc: 7.12 ng/ml



#35 AR-1260-5

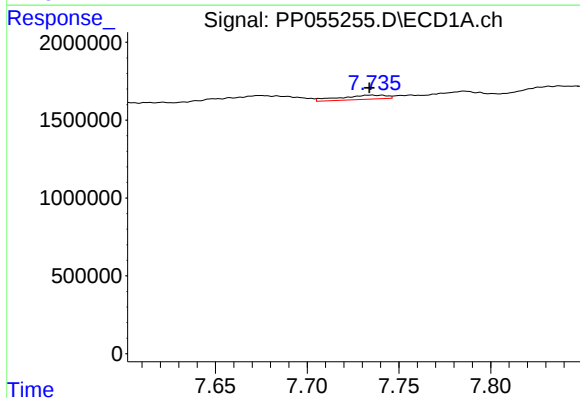
R.T.: 8.263 min
Delta R.T.: -0.015 min
Response: 803657
Conc: 4.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



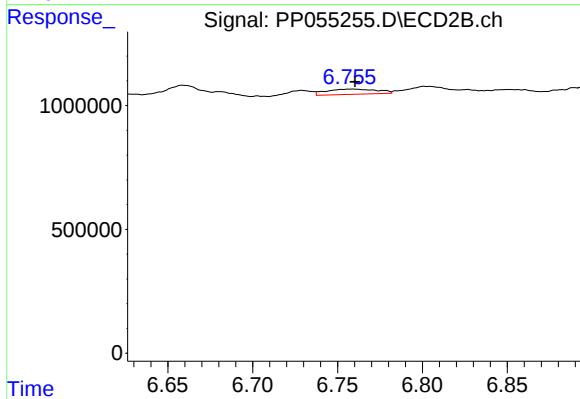
#35 AR-1260-5

R.T.: 7.200 min
Delta R.T.: -0.013 min
Response: 933240
Conc: 6.07 ng/ml



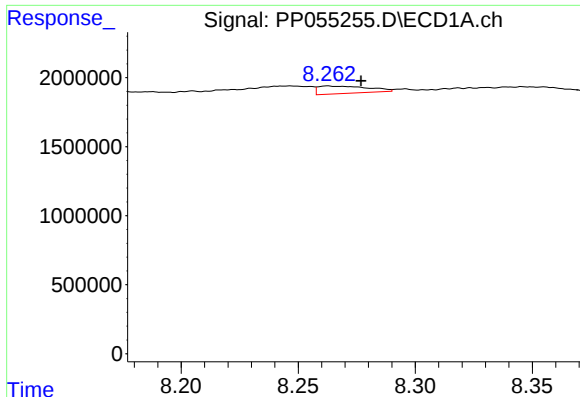
#36 AR-1262-1

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 469289
Conc: 3.98 ng/ml



#36 AR-1262-1

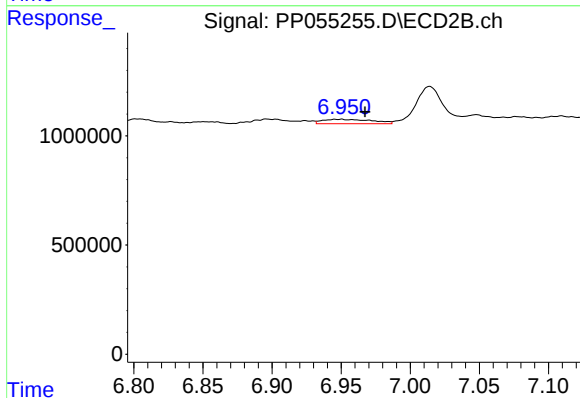
R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 435198
Conc: 10.13 ng/ml



#37 AR-1262-2

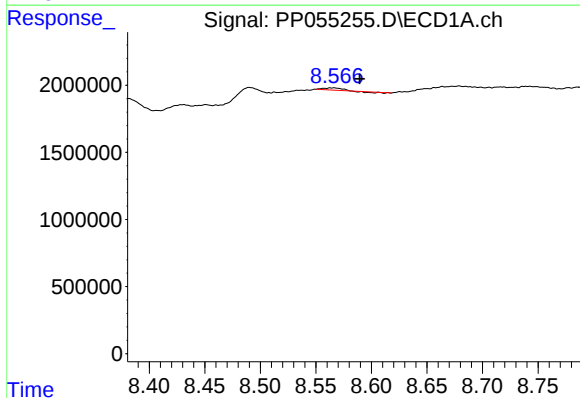
R.T.: 8.263 min
Delta R.T.: -0.014 min
Response: 803657
Conc: 3.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



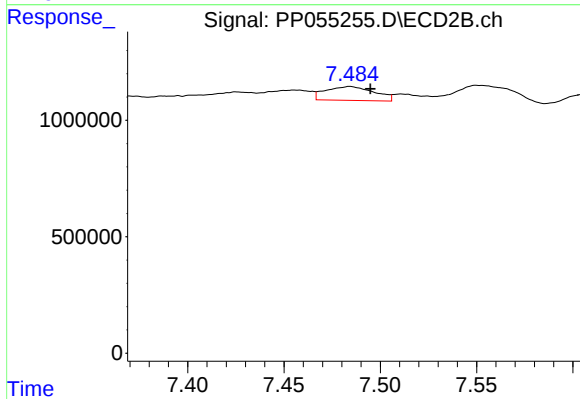
#37 AR-1262-2

R.T.: 6.950 min
Delta R.T.: -0.017 min
Response: 510093
Conc: 5.51 ng/ml



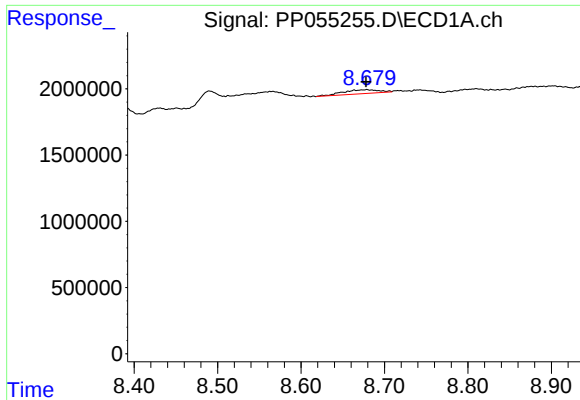
#38 AR-1262-3

R.T.: 8.566 min
Delta R.T.: -0.024 min
Response: 140374
Conc: 1.01 ng/ml



#38 AR-1262-3

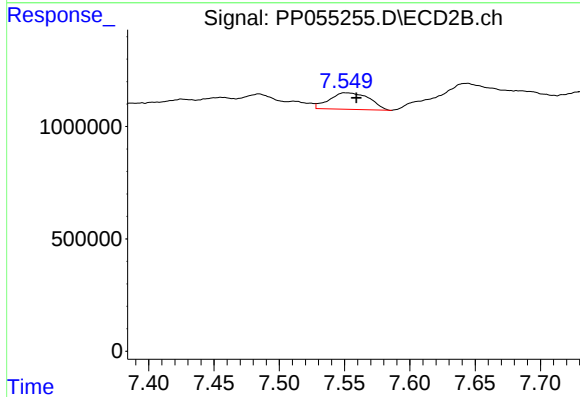
R.T.: 7.484 min
Delta R.T.: -0.010 min
Response: 1048620
Conc: 14.39 ng/ml



#39 AR-1262-4

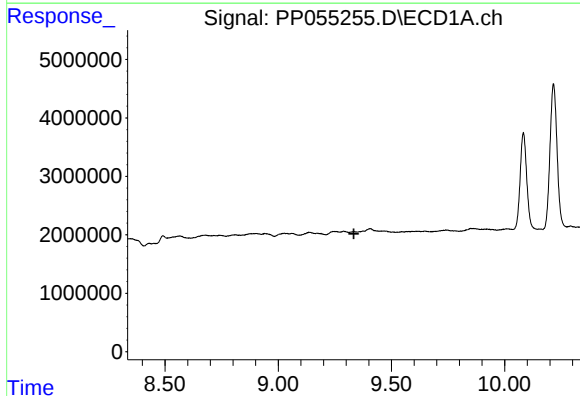
R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 880747
Conc: 11.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



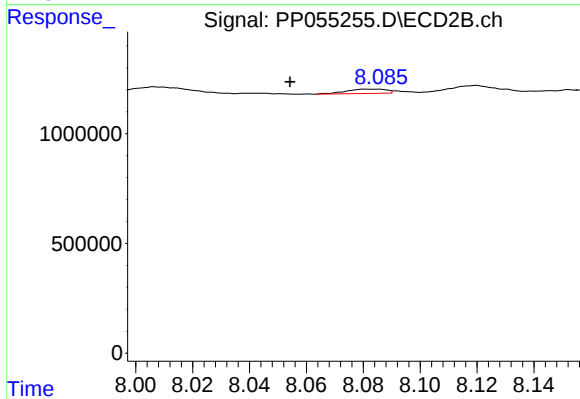
#39 AR-1262-4

R.T.: 7.551 min
Delta R.T.: -0.008 min
Response: 1567955
Conc: 11.99 ng/ml



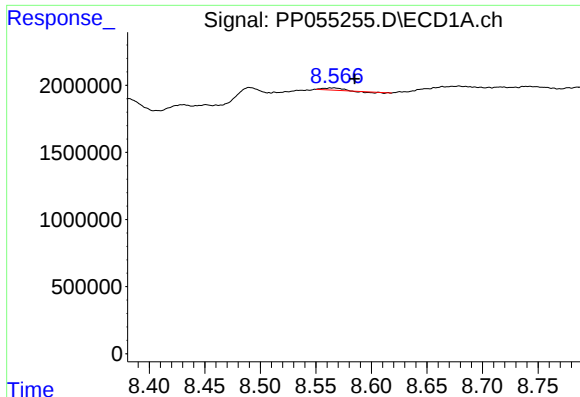
#40 AR-1262-5

R.T.: 9.337 min
Delta R.T.: 0.003 min
Response: -13028
Conc: N.D.



#40 AR-1262-5

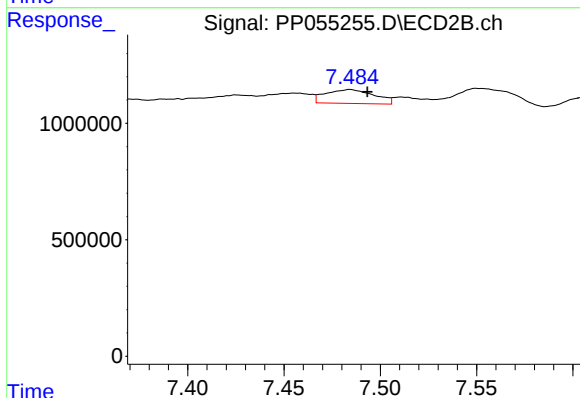
R.T.: 8.084 min
Delta R.T.: 0.030 min
Response: 197331
Conc: 3.33 ng/ml



#41 AR-1268-1

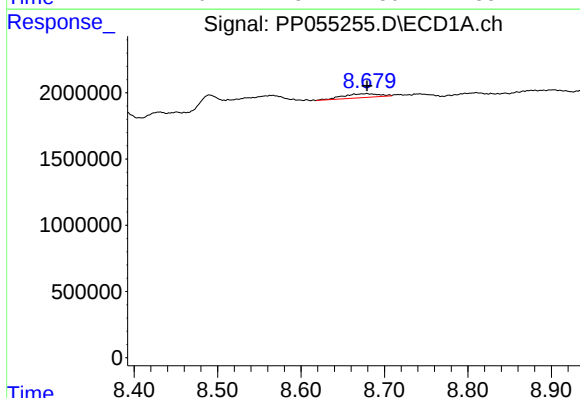
R.T.: 8.566 min
Delta R.T.: -0.019 min
Response: 140374
Conc: 0.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



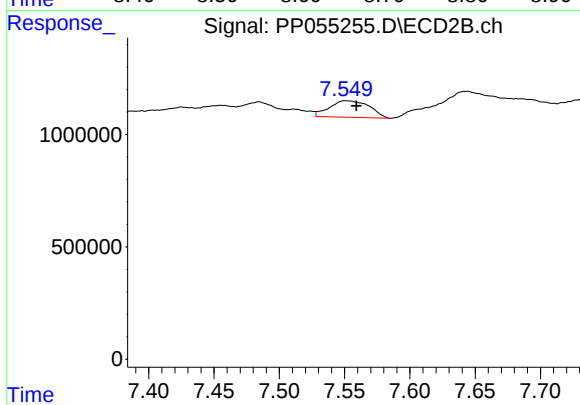
#41 AR-1268-1

R.T.: 7.484 min
Delta R.T.: -0.009 min
Response: 1048620
Conc: 4.85 ng/ml



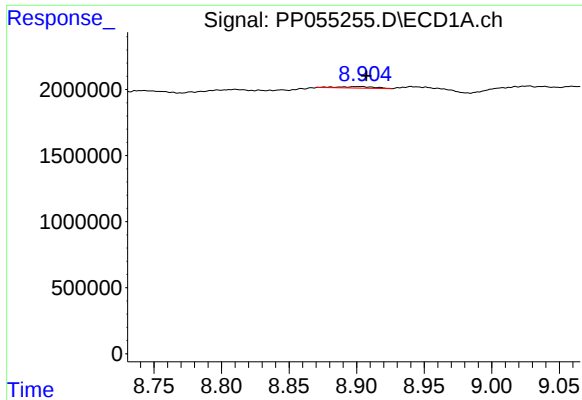
#42 AR-1268-2

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 880747
Conc: 3.88 ng/ml



#42 AR-1268-2

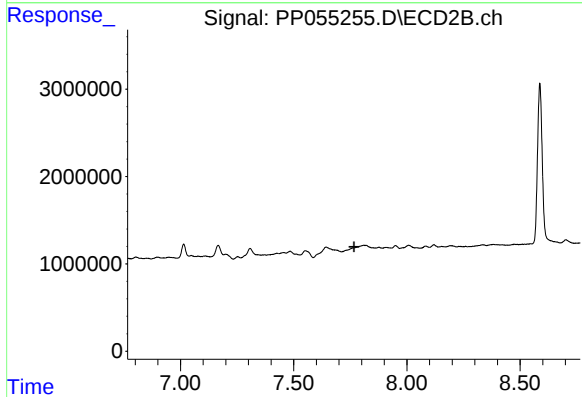
R.T.: 7.551 min
Delta R.T.: -0.008 min
Response: 1567955
Conc: 8.04 ng/ml



#43 AR-1268-3

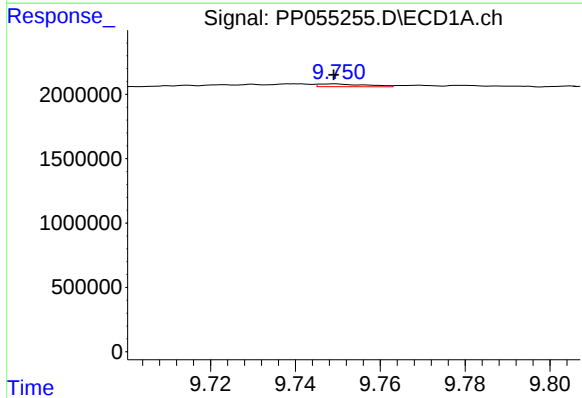
R.T.: 8.903 min
Delta R.T.: -0.004 min
Response: 202912
Conc: 1.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



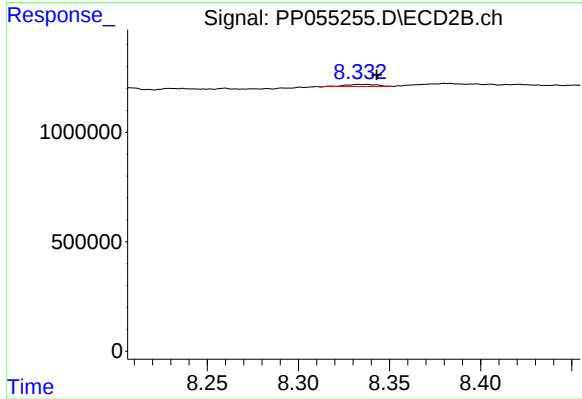
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 164993
Conc: 0.26 ng/ml



#45 AR-1268-5

R.T.: 8.334 min
Delta R.T.: -0.009 min
Response: 111720
Conc: 0.21 ng/ml