

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012023\
 Data File : PP054766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 14:20
 Operator : YP\AJ
 Sample : 01189-15 10X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 16:22:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 18 04:34:06 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...	4.334	3.579	3046653	2471376	1.659	1.544
2)	SA Decachlor...	10.099	8.603	2239448	2237328	1.668	1.562
Target Compounds							
3)	L1 AR-1016-1	5.505	4.681	174198	1052686	2.690	20.899 #
4)	L1 AR-1016-2	5.537	4.681	56043	1052686	0.593	14.746 #
5)	L1 AR-1016-3	5.580	4.877	176026	1028514	2.952	26.417 #
6)	L1 AR-1016-4	5.679	4.911	131586	819501	2.769	24.128 #
7)	L1 AR-1016-5	5.985	5.136	228942	607688	4.729	13.870 #
8)	L2 AR-1221-1	4.545	0.000	113972	0	4.980	N.D. #
9)	L2 AR-1221-2	4.644f	3.896f	699509	57741	39.746	3.844 #
10)	L2 AR-1221-3	0.000	3.931f	0	304936	N.D.	6.635 #
11)	L3 AR-1232-1	0.000	3.931f	0	304936	N.D.	7.904 #
12)	L3 AR-1232-2	5.250	4.681	888485	1052686	36.856	32.202
13)	L3 AR-1232-3	5.537	4.877f	56043	1028514	1.300	59.808 #
14)	L3 AR-1232-4	5.679	4.969f	131586	2822164	6.131	162.912 #
15)	L3 AR-1232-5	5.789	5.136f	628997	607688	36.558	32.109
16)	L4 AR-1242-1	5.505	4.660	174198	682957	3.222	16.188 #
17)	L4 AR-1242-2	5.537	4.681	56043	1052686	0.718	17.928 #
18)	L4 AR-1242-3	5.580	4.877f	176026	1028514	3.583	32.062 #
19)	L4 AR-1242-4	5.679	4.969f	131586	2822164	3.317	80.434 #
20)	L4 AR-1242-5	6.456f	5.448f	460599	1203927	12.766	31.673 #
21)	L5 AR-1248-1	5.505	4.660	174198	682957	4.374	21.827 #
22)	L5 AR-1248-2	5.789	4.911	628997	819501	10.597	17.069 #
23)	L5 AR-1248-3	5.985	4.969f	228942	2822164	3.469	55.535 #
24)	L5 AR-1248-4	6.399	5.136f	126161	607688	1.888	10.222 #
25)	L5 AR-1248-5	6.456f	5.515	460599	871921	7.084	17.161 #
26)	L6 AR-1254-1	6.382f	5.448f	282372	1203927	3.995	14.160 #
27)	L6 AR-1254-2	6.591	5.592f	252826	1335664	2.641	18.355 #
28)	L6 AR-1254-3	6.960	6.021	976056	456489	11.250	4.033 #
29)	L6 AR-1254-4	0.000	6.244	0	776250	N.D.	12.472 #
30)	L6 AR-1254-5	7.661	6.688	788126	179592	11.262	1.895 #
31)	L7 AR-1260-1	7.122	6.161	86873	1157199	1.265	13.939 #
32)	L7 AR-1260-2	7.390	6.362	430102	511665	5.378	5.559
33)	L7 AR-1260-3	7.733	6.483f	223760	138157	3.715	1.537 #
34)	L7 AR-1260-4	7.968	6.984	102656	616627	1.467	8.193 #
35)	L7 AR-1260-5	8.300f	0.000	1827897	0	14.031	N.D. #
36)	L8 AR-1262-1	7.733	6.793f	223760	225986	2.734	5.328 #
37)	L8 AR-1262-2	8.300f	6.984	1827897	616627	12.911	6.707 #
38)	L8 AR-1262-3	8.610f	7.500	759452	415310	7.366	5.781
39)	L8 AR-1262-4	8.696	7.572	223722	63253	4.500	0.489 #
40)	L8 AR-1262-5	9.347	8.045	337608	78068	5.927	1.310 #
41)	L9 AR-1268-1	8.573f	7.500	61252	415310	0.332	1.921 #

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 ALS Vial : 40 Sample Multiplier: 1

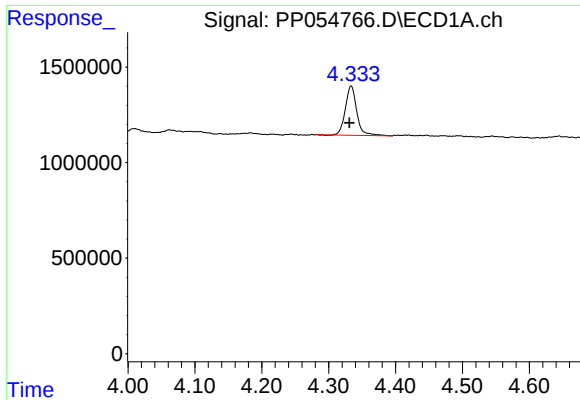
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 16:22:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
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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
42) L9	AR-1268-2	8.696	7.572	223722	63253	1.320	0.323 #
43) L9	AR-1268-3	8.936f	7.780	315413	-155703	2.117	N.D. #
44) L9	AR-1268-4	9.347	8.045	337608	78068	5.230	1.154 #
45) L9	AR-1268-5	9.726f	0.000	688776	0	1.427	N.D. #

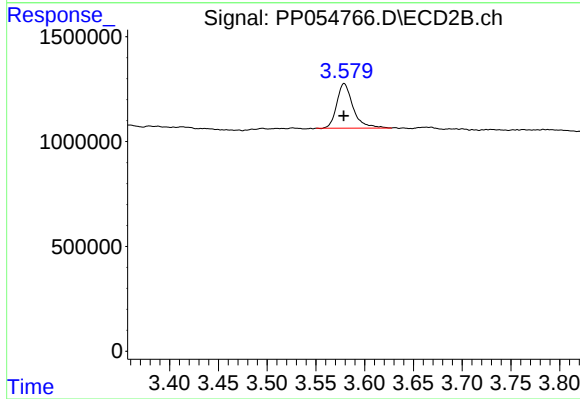
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

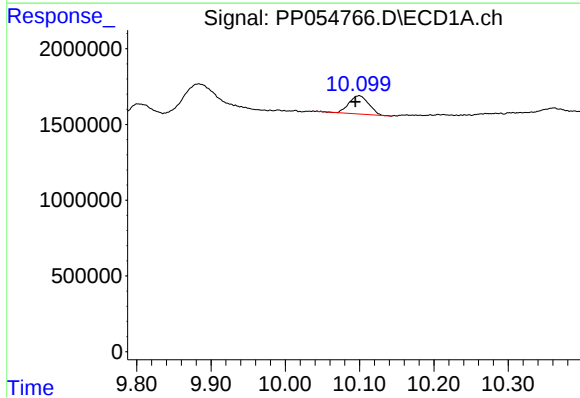
R.T.: 4.334 min
Delta R.T.: 0.003 min
Response: 3046653
Conc: 1.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



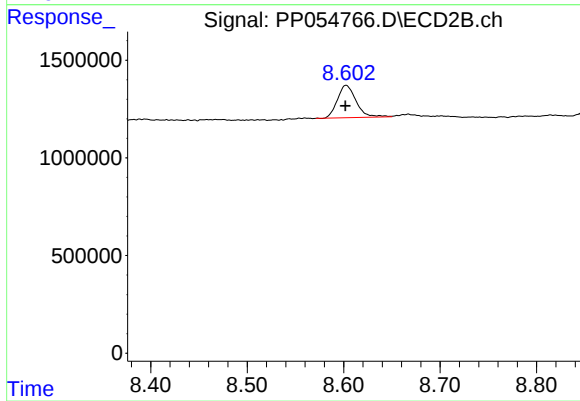
#1 Tetrachloro-m-xylene

R.T.: 3.579 min
Delta R.T.: 0.000 min
Response: 2471376
Conc: 1.54 ng/ml



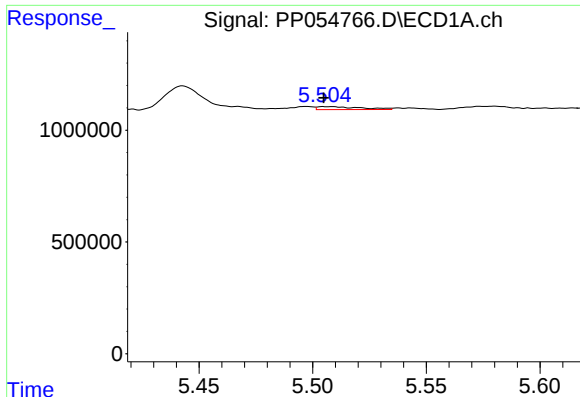
#2 Decachlorobiphenyl

R.T.: 10.099 min
Delta R.T.: 0.005 min
Response: 2239448
Conc: 1.67 ng/ml



#2 Decachlorobiphenyl

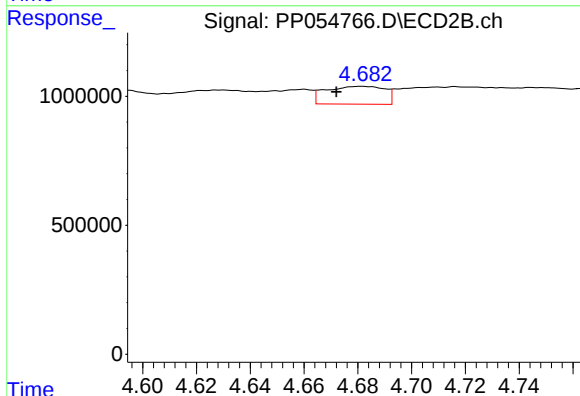
R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 2237328
Conc: 1.56 ng/ml



#3 AR-1016-1

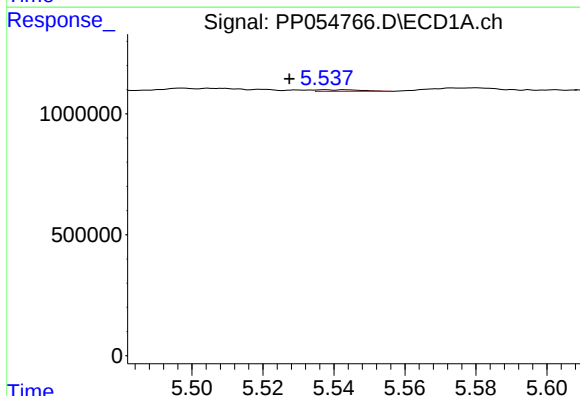
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 174198
Conc: 2.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



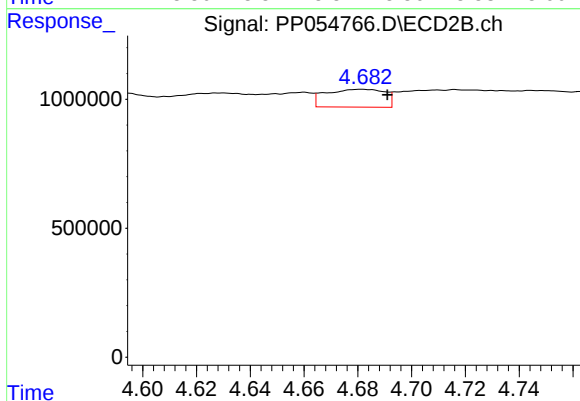
#3 AR-1016-1

R.T.: 4.681 min
Delta R.T.: 0.009 min
Response: 1052686
Conc: 20.90 ng/ml



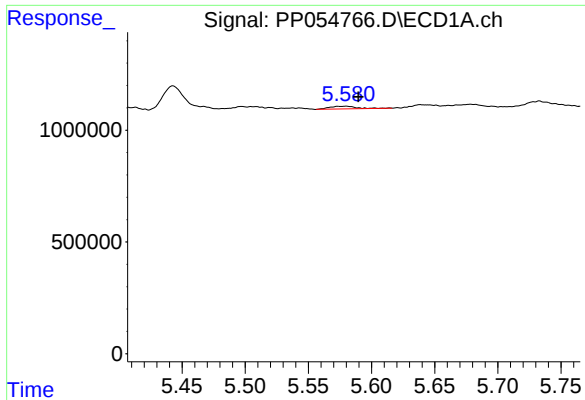
#4 AR-1016-2

R.T.: 5.537 min
Delta R.T.: 0.010 min
Response: 56043
Conc: 0.59 ng/ml



#4 AR-1016-2

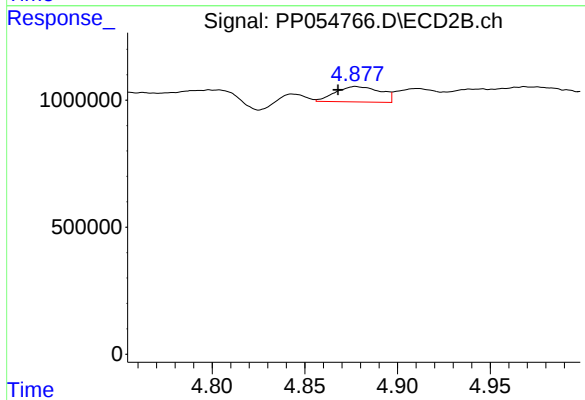
R.T.: 4.681 min
Delta R.T.: -0.010 min
Response: 1052686
Conc: 14.75 ng/ml



#5 AR-1016-3

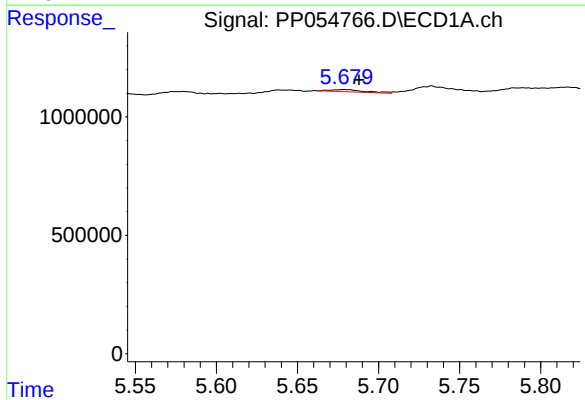
R.T.: 5.580 min
Delta R.T.: -0.010 min
Response: 176026
Conc: 2.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



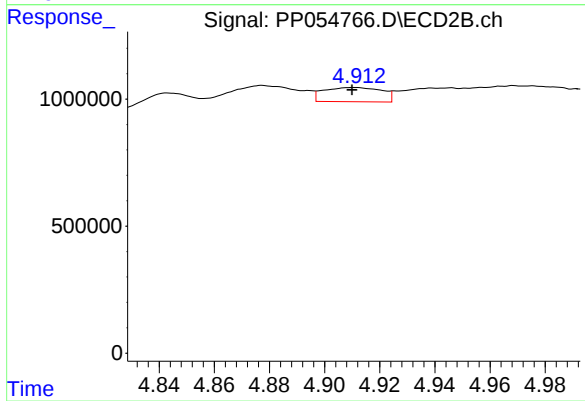
#5 AR-1016-3

R.T.: 4.877 min
Delta R.T.: 0.009 min
Response: 1028514
Conc: 26.42 ng/ml



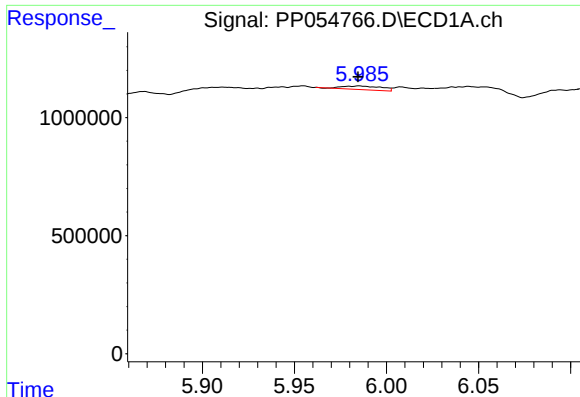
#6 AR-1016-4

R.T.: 5.679 min
Delta R.T.: -0.009 min
Response: 131586
Conc: 2.77 ng/ml



#6 AR-1016-4

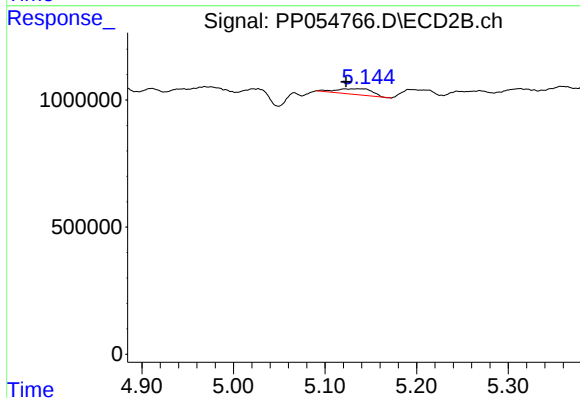
R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 819501
Conc: 24.13 ng/ml



#7 AR-1016-5

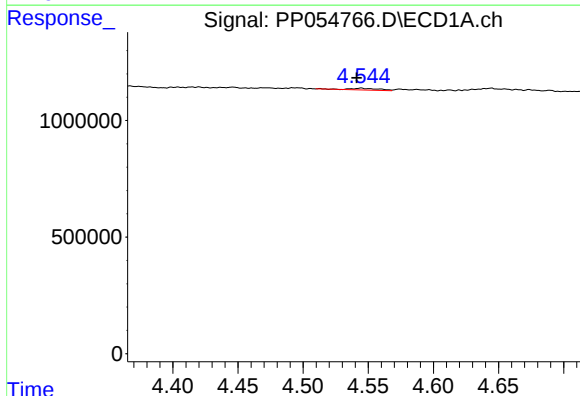
R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 228942
Conc: 4.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



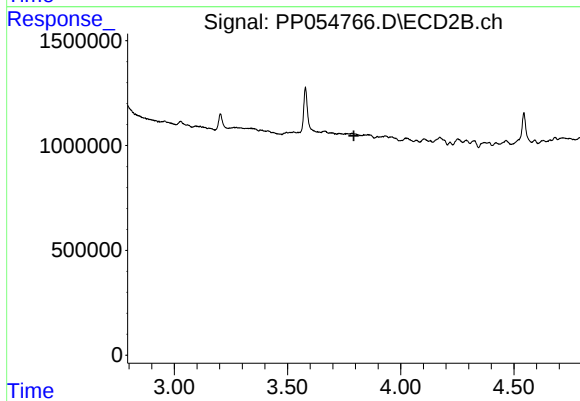
#7 AR-1016-5

R.T.: 5.136 min
Delta R.T.: 0.013 min
Response: 607688
Conc: 13.87 ng/ml



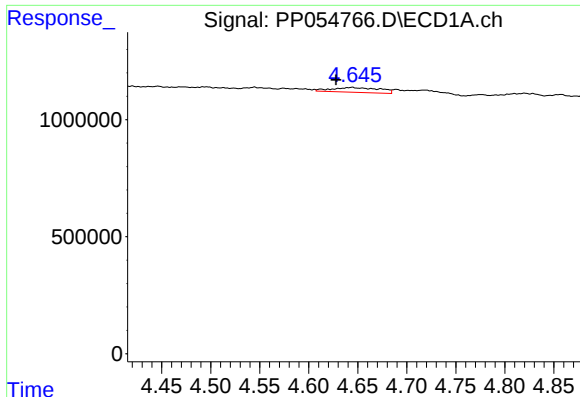
#8 AR-1221-1

R.T.: 4.545 min
Delta R.T.: 0.003 min
Response: 113972
Conc: 4.98 ng/ml



#8 AR-1221-1

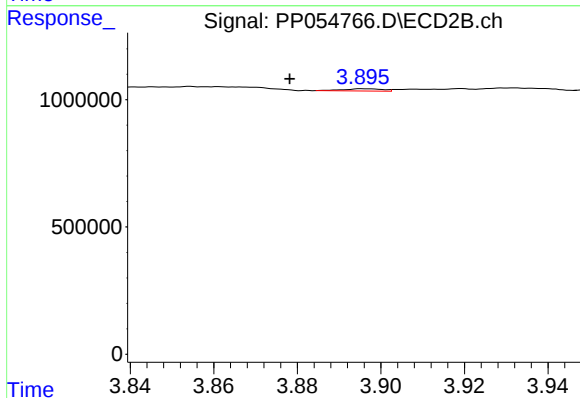
R.T.: 0.000 min
Exp R.T. : 3.793 min
Response: 0
Conc: N.D.



#9 AR-1221-2

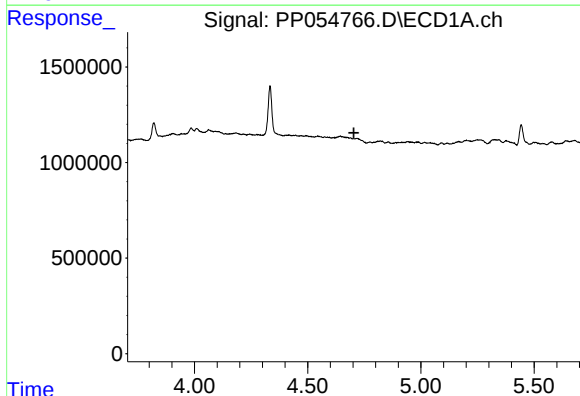
R.T.: 4.644 min
Delta R.T.: 0.017 min
Response: 699509
Conc: 39.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



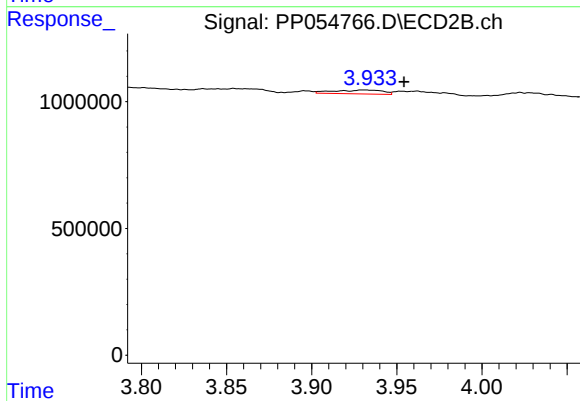
#9 AR-1221-2

R.T.: 3.896 min
Delta R.T.: 0.018 min
Response: 57741
Conc: 3.84 ng/ml



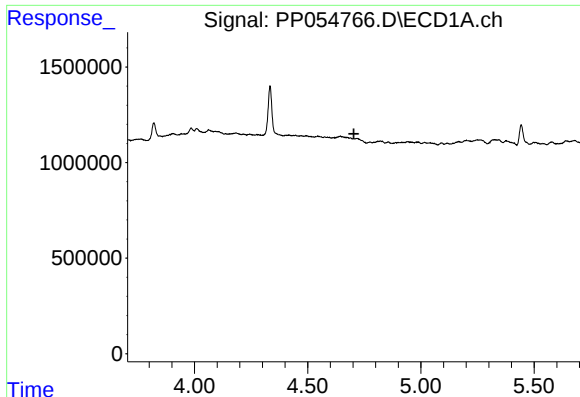
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.704 min
Response: 0
Conc: N.D.



#10 AR-1221-3

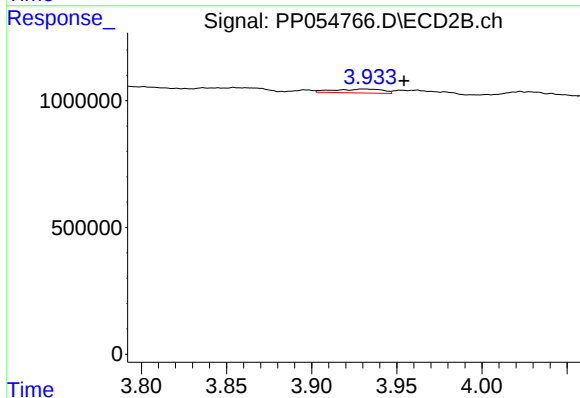
R.T.: 3.931 min
Delta R.T.: -0.023 min
Response: 304936
Conc: 6.63 ng/ml



#11 AR-1232-1

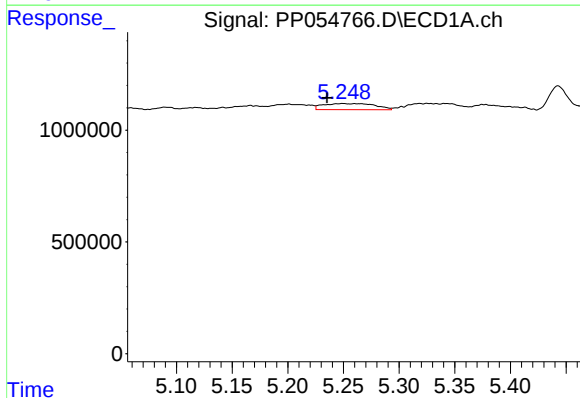
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



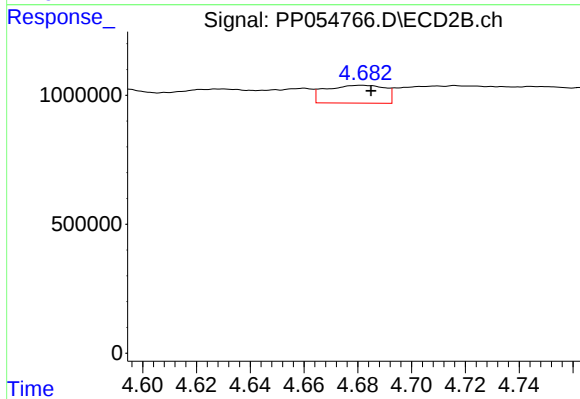
#11 AR-1232-1

R.T.: 3.931 min
Delta R.T.: -0.023 min
Response: 304936
Conc: 7.90 ng/ml



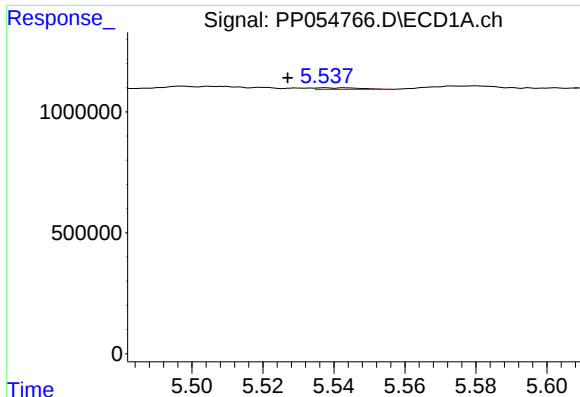
#12 AR-1232-2

R.T.: 5.250 min
Delta R.T.: 0.014 min
Response: 888485
Conc: 36.86 ng/ml



#12 AR-1232-2

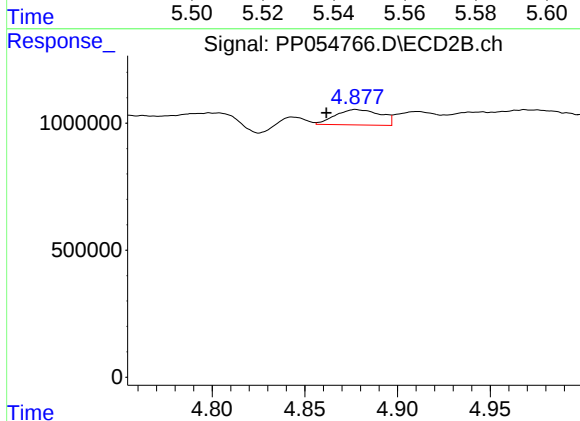
R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 1052686
Conc: 32.20 ng/ml



#13 AR-1232-3

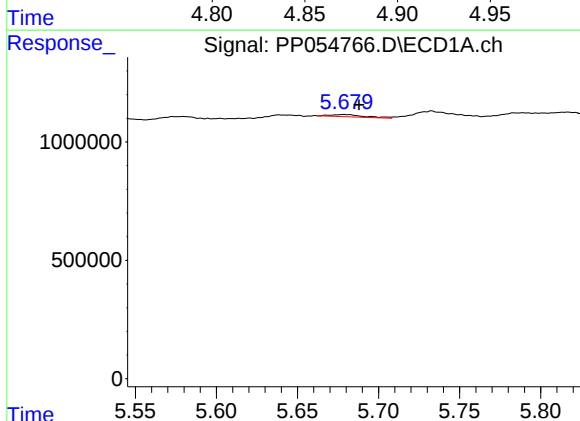
R.T.: 5.537 min
Delta R.T.: 0.011 min
Response: 56043
Conc: 1.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



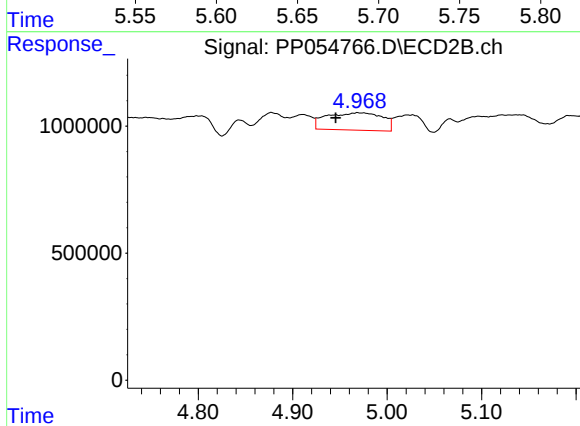
#13 AR-1232-3

R.T.: 4.877 min
Delta R.T.: 0.016 min
Response: 1028514
Conc: 59.81 ng/ml



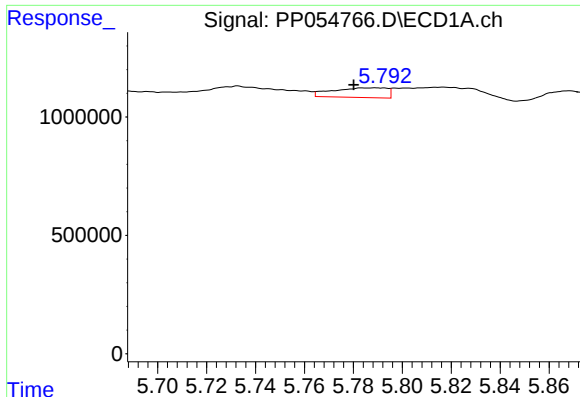
#14 AR-1232-4

R.T.: 5.679 min
Delta R.T.: -0.009 min
Response: 131586
Conc: 6.13 ng/ml



#14 AR-1232-4

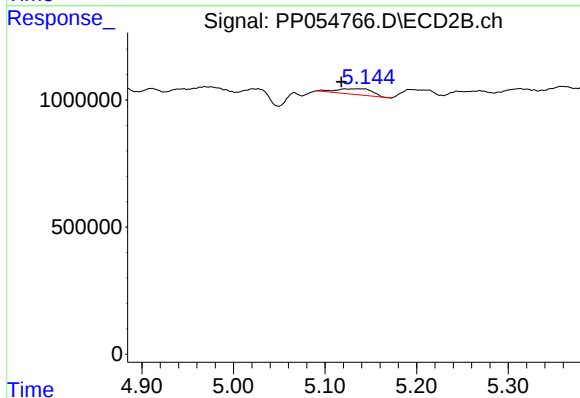
R.T.: 4.969 min
Delta R.T.: 0.023 min
Response: 2822164
Conc: 162.91 ng/ml



#15 AR-1232-5

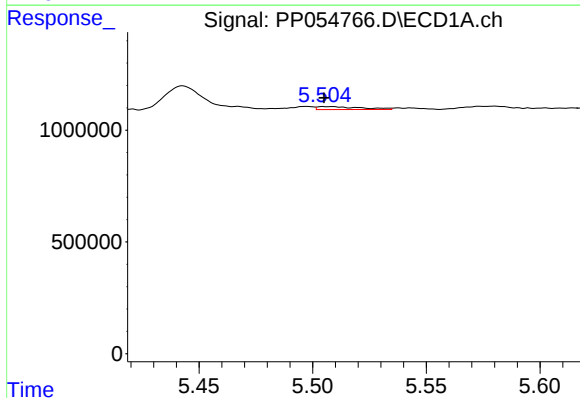
R.T.: 5.789 min
Delta R.T.: 0.009 min
Response: 628997
Conc: 36.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



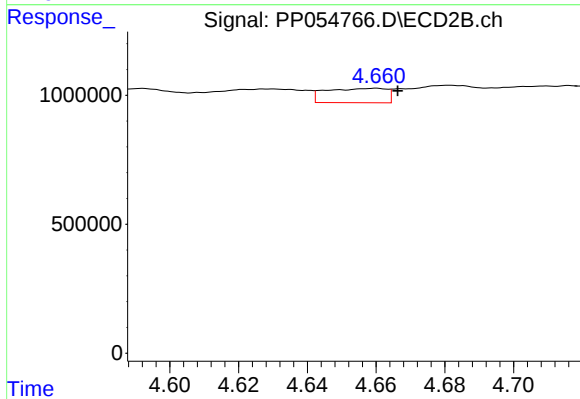
#15 AR-1232-5

R.T.: 5.136 min
Delta R.T.: 0.019 min
Response: 607688
Conc: 32.11 ng/ml



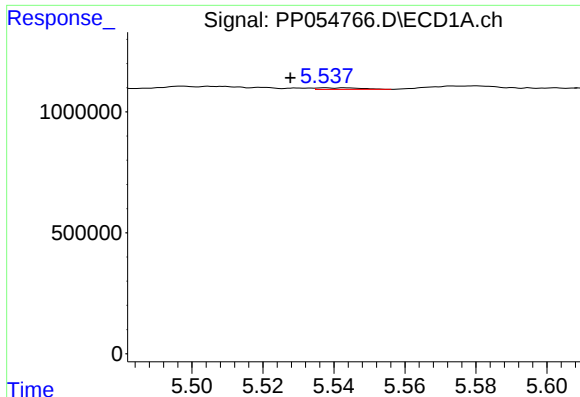
#16 AR-1242-1

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 174198
Conc: 3.22 ng/ml



#16 AR-1242-1

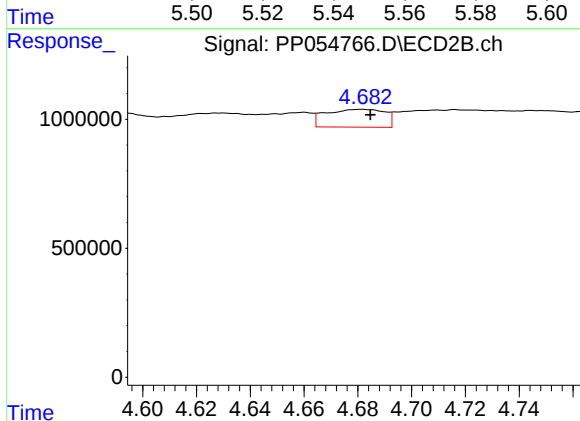
R.T.: 4.660 min
Delta R.T.: -0.006 min
Response: 682957
Conc: 16.19 ng/ml



#17 AR-1242-2

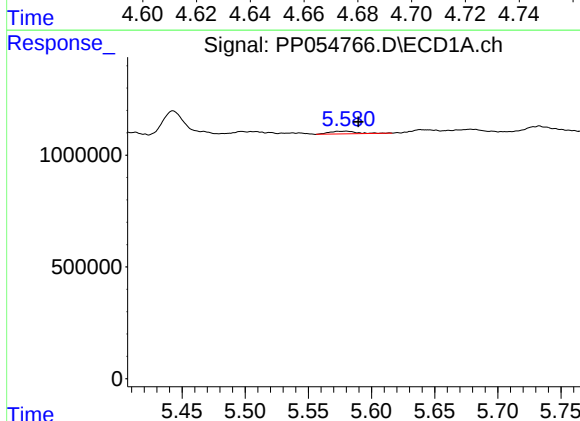
R.T.: 5.537 min
Delta R.T.: 0.010 min
Response: 56043
Conc: 0.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



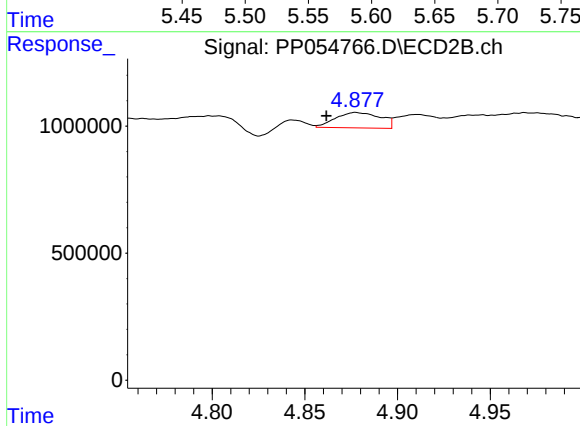
#17 AR-1242-2

R.T.: 4.681 min
Delta R.T.: -0.003 min
Response: 1052686
Conc: 17.93 ng/ml



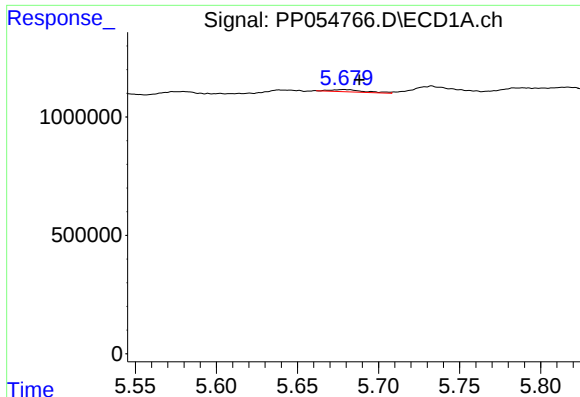
#18 AR-1242-3

R.T.: 5.580 min
Delta R.T.: -0.010 min
Response: 176026
Conc: 3.58 ng/ml



#18 AR-1242-3

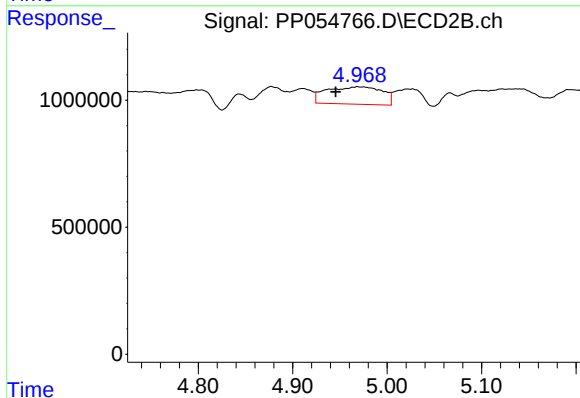
R.T.: 4.877 min
Delta R.T.: 0.016 min
Response: 1028514
Conc: 32.06 ng/ml



#19 AR-1242-4

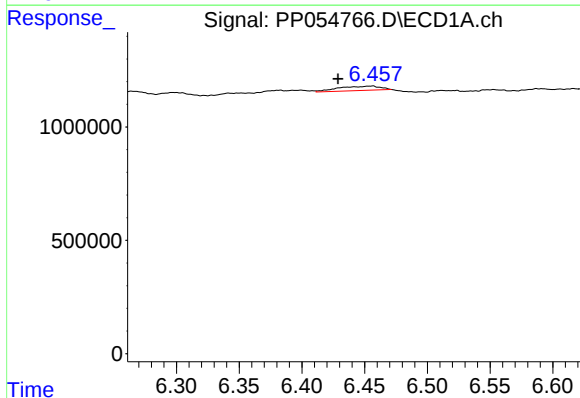
R.T.: 5.679 min
Delta R.T.: -0.010 min
Response: 131586
Conc: 3.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



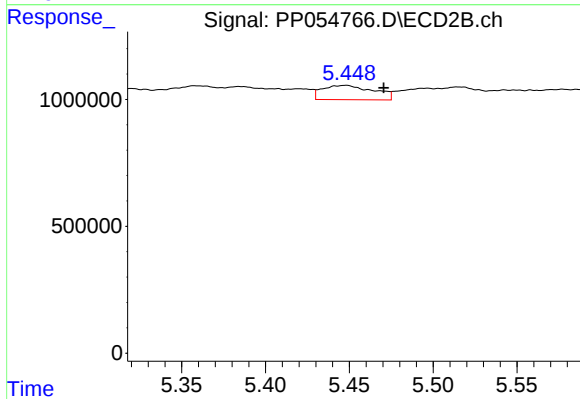
#19 AR-1242-4

R.T.: 4.969 min
Delta R.T.: 0.023 min
Response: 2822164
Conc: 80.43 ng/ml



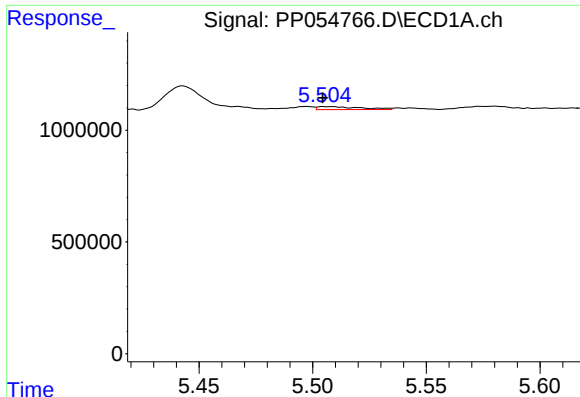
#20 AR-1242-5

R.T.: 6.456 min
Delta R.T.: 0.027 min
Response: 460599
Conc: 12.77 ng/ml



#20 AR-1242-5

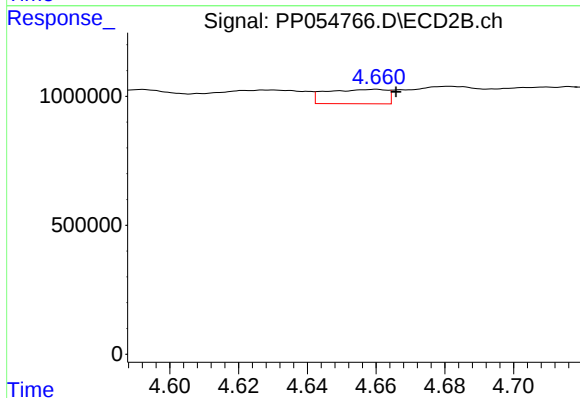
R.T.: 5.448 min
Delta R.T.: -0.023 min
Response: 1203927
Conc: 31.67 ng/ml



#21 AR-1248-1

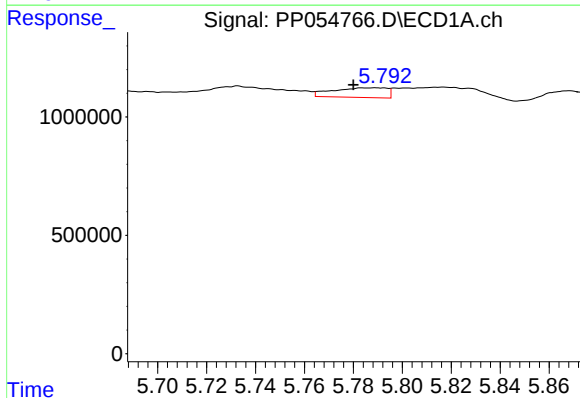
R.T.: 5.505 min
Delta R.T.: 0.001 min
Response: 174198
Conc: 4.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



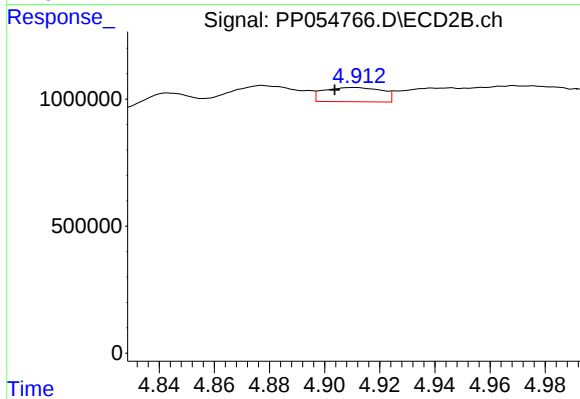
#21 AR-1248-1

R.T.: 4.660 min
Delta R.T.: -0.006 min
Response: 682957
Conc: 21.83 ng/ml



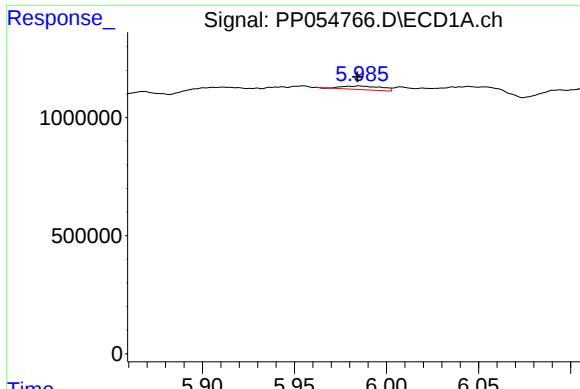
#22 AR-1248-2

R.T.: 5.789 min
Delta R.T.: 0.009 min
Response: 628997
Conc: 10.60 ng/ml



#22 AR-1248-2

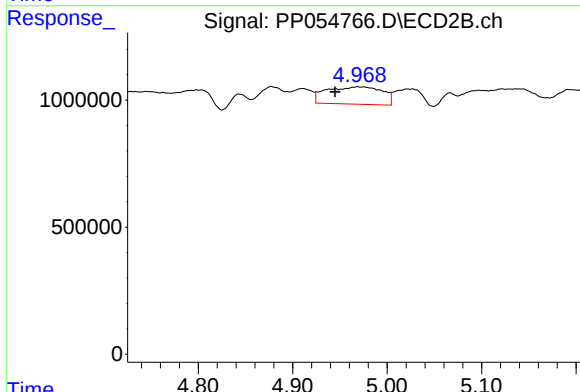
R.T.: 4.911 min
Delta R.T.: 0.007 min
Response: 819501
Conc: 17.07 ng/ml



#23 AR-1248-3

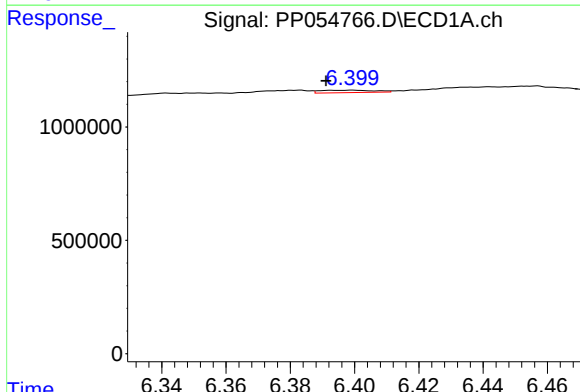
R.T.: 5.985 min
Delta R.T.: 0.001 min
Response: 228942
Conc: 3.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



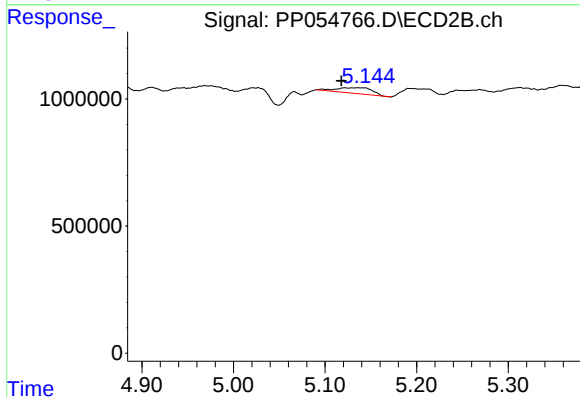
#23 AR-1248-3

R.T.: 4.969 min
Delta R.T.: 0.024 min
Response: 2822164
Conc: 55.54 ng/ml



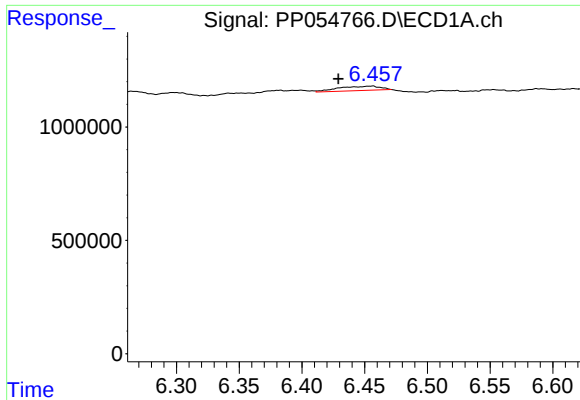
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: 0.008 min
Response: 126161
Conc: 1.89 ng/ml



#24 AR-1248-4

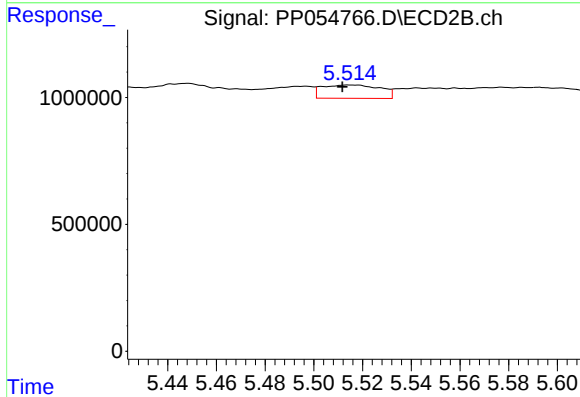
R.T.: 5.136 min
Delta R.T.: 0.019 min
Response: 607688
Conc: 10.22 ng/ml



#25 AR-1248-5

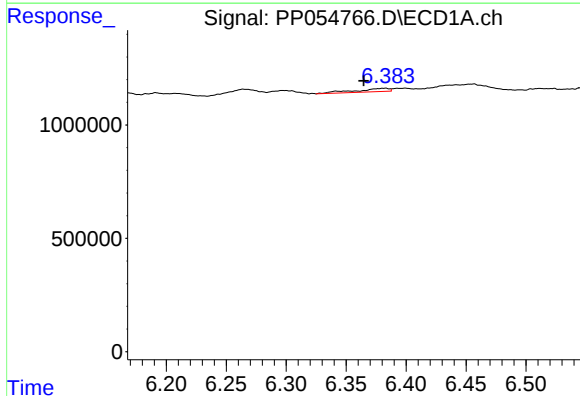
R.T.: 6.456 min
Delta R.T.: 0.027 min
Response: 460599
Conc: 7.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



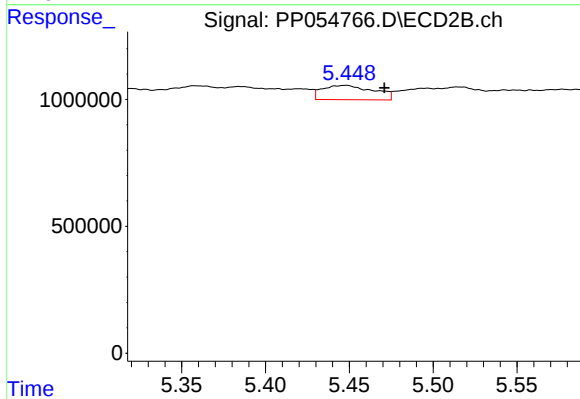
#25 AR-1248-5

R.T.: 5.515 min
Delta R.T.: 0.004 min
Response: 871921
Conc: 17.16 ng/ml



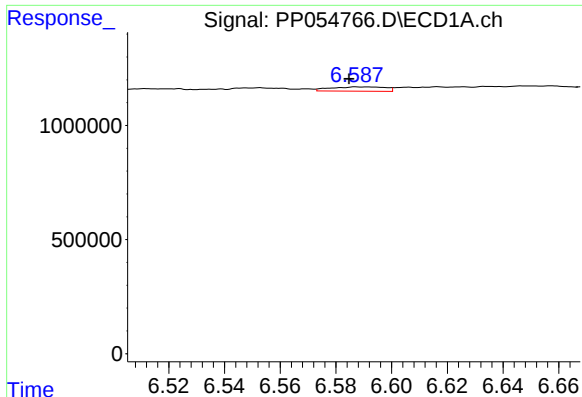
#26 AR-1254-1

R.T.: 6.382 min
Delta R.T.: 0.018 min
Response: 282372
Conc: 4.00 ng/ml



#26 AR-1254-1

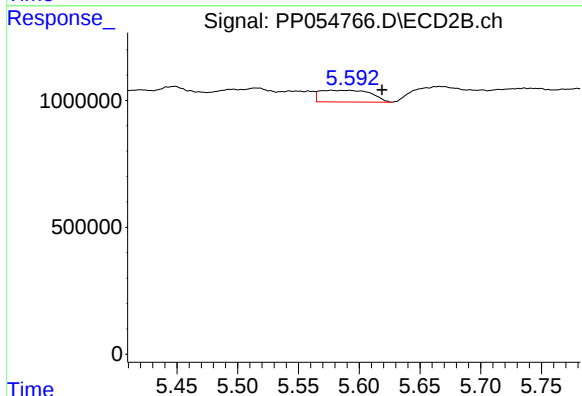
R.T.: 5.448 min
Delta R.T.: -0.023 min
Response: 1203927
Conc: 14.16 ng/ml



#27 AR-1254-2

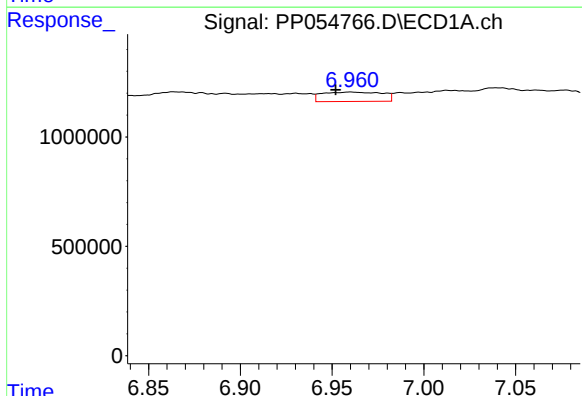
R.T.: 6.591 min
Delta R.T.: 0.006 min
Response: 252826
Conc: 2.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



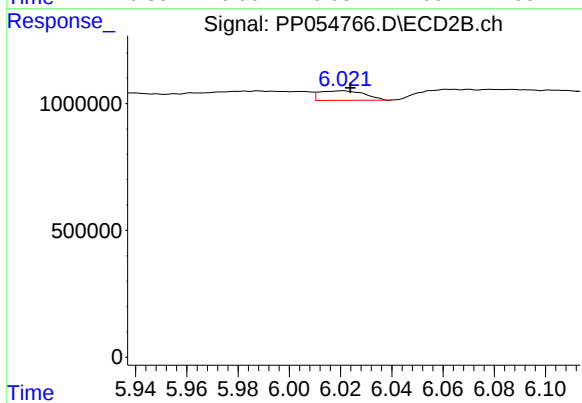
#27 AR-1254-2

R.T.: 5.592 min
Delta R.T.: -0.027 min
Response: 1335664
Conc: 18.36 ng/ml



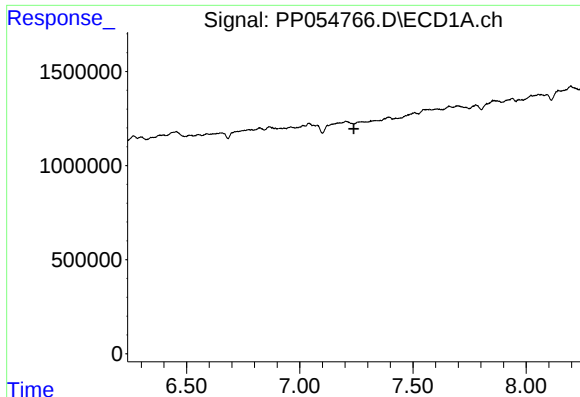
#28 AR-1254-3

R.T.: 6.960 min
Delta R.T.: 0.008 min
Response: 976056
Conc: 11.25 ng/ml



#28 AR-1254-3

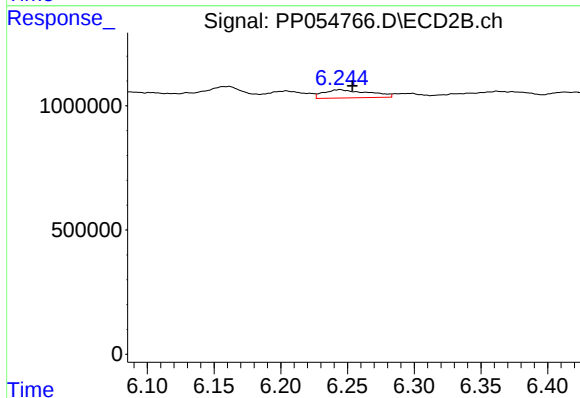
R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 456489
Conc: 4.03 ng/ml



#29 AR-1254-4

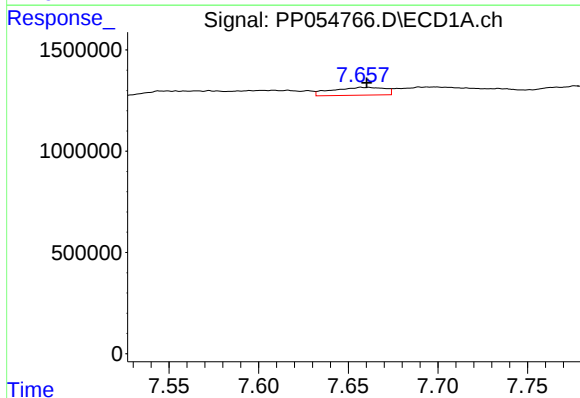
R.T.: 0.000 min
Exp R.T.: 7.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



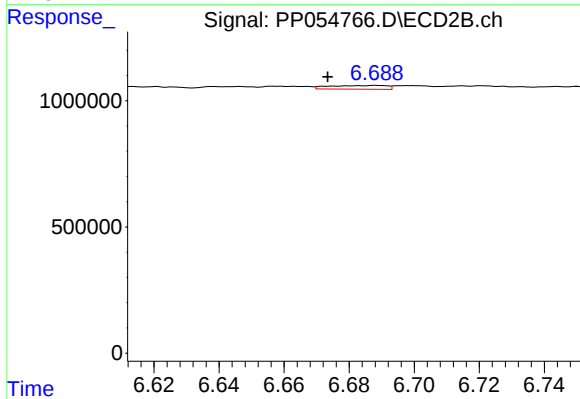
#29 AR-1254-4

R.T.: 6.244 min
Delta R.T.: -0.009 min
Response: 776250
Conc: 12.47 ng/ml



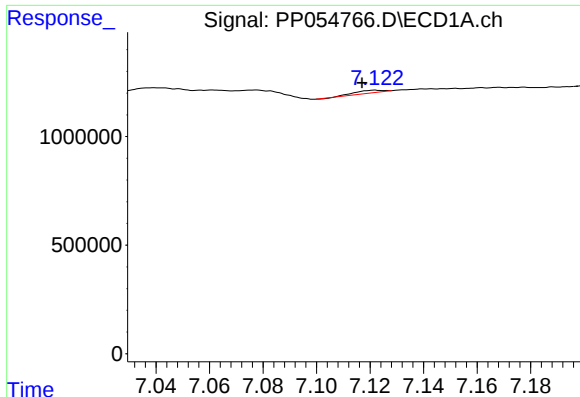
#30 AR-1254-5

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 788126
Conc: 11.26 ng/ml



#30 AR-1254-5

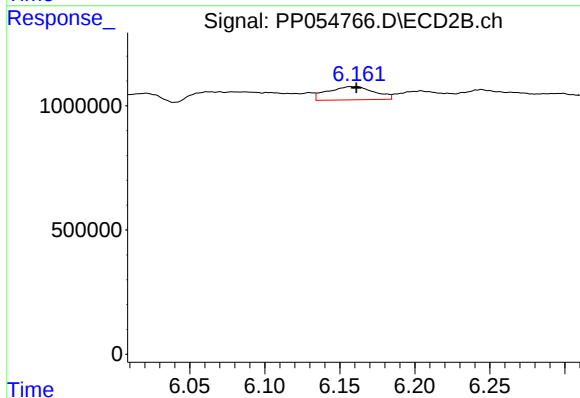
R.T.: 6.688 min
Delta R.T.: 0.015 min
Response: 179592
Conc: 1.90 ng/ml



#31 AR-1260-1

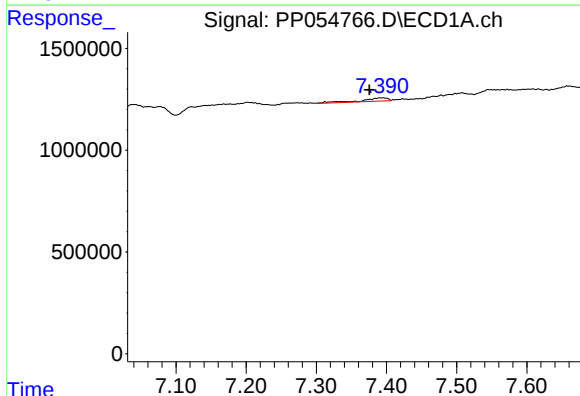
R.T.: 7.122 min
Delta R.T.: 0.005 min
Response: 86873
Conc: 1.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



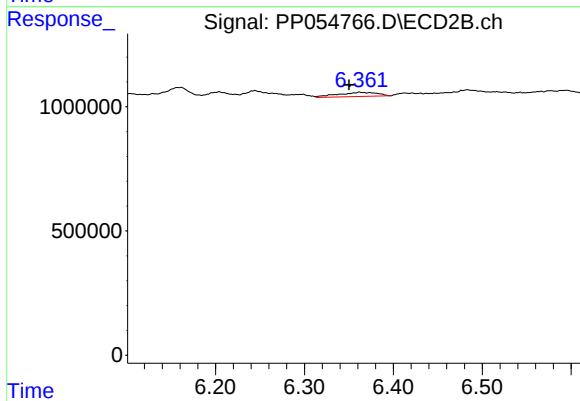
#31 AR-1260-1

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 1157199
Conc: 13.94 ng/ml



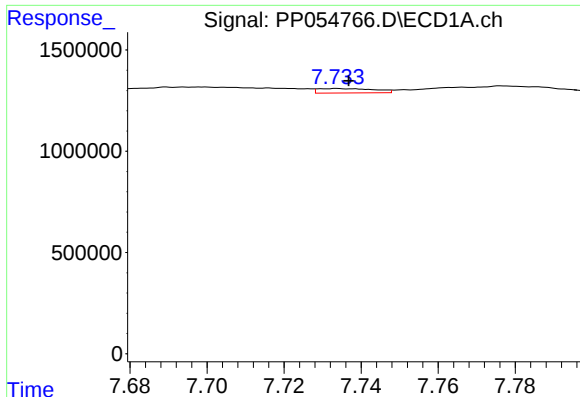
#32 AR-1260-2

R.T.: 7.390 min
Delta R.T.: 0.015 min
Response: 430102
Conc: 5.38 ng/ml



#32 AR-1260-2

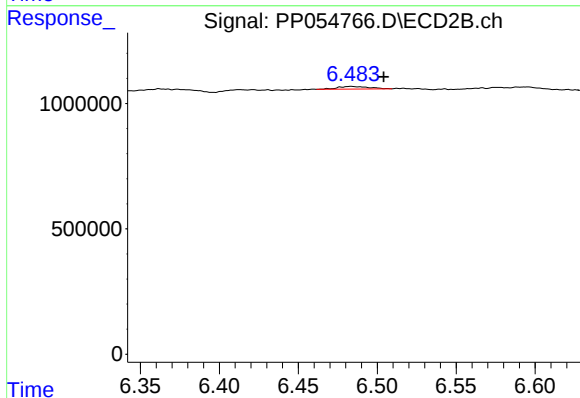
R.T.: 6.362 min
Delta R.T.: 0.012 min
Response: 511665
Conc: 5.56 ng/ml



#33 AR-1260-3

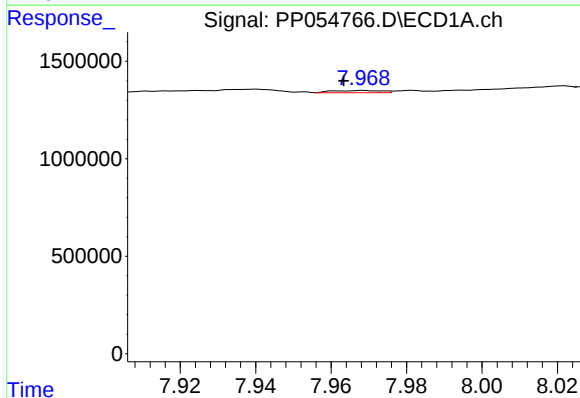
R.T.: 7.733 min
Delta R.T.: -0.003 min
Response: 223760
Conc: 3.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



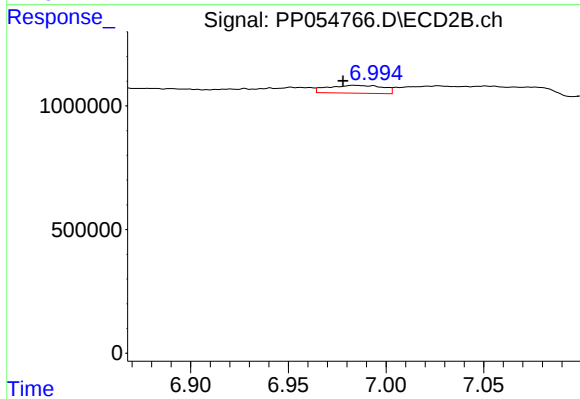
#33 AR-1260-3

R.T.: 6.483 min
Delta R.T.: -0.021 min
Response: 138157
Conc: 1.54 ng/ml



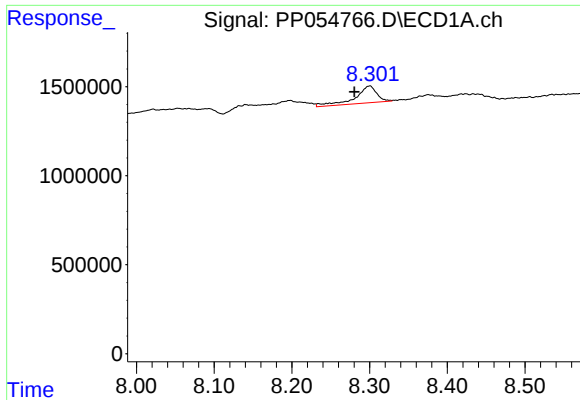
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: 0.005 min
Response: 102656
Conc: 1.47 ng/ml



#34 AR-1260-4

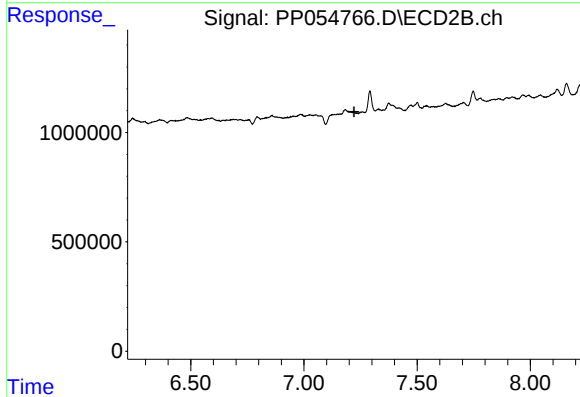
R.T.: 6.984 min
Delta R.T.: 0.006 min
Response: 616627
Conc: 8.19 ng/ml



#35 AR-1260-5

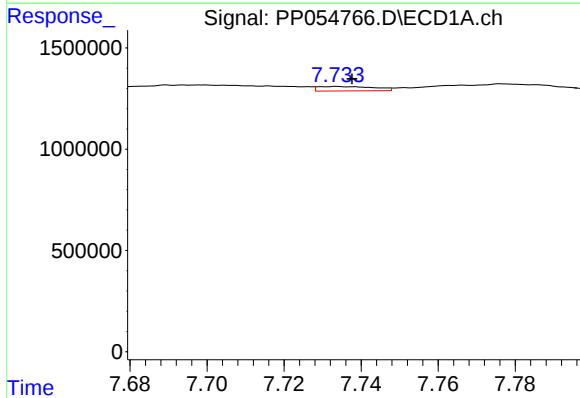
R.T.: 8.300 min
Delta R.T.: 0.019 min
Response: 1827897
Conc: 14.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



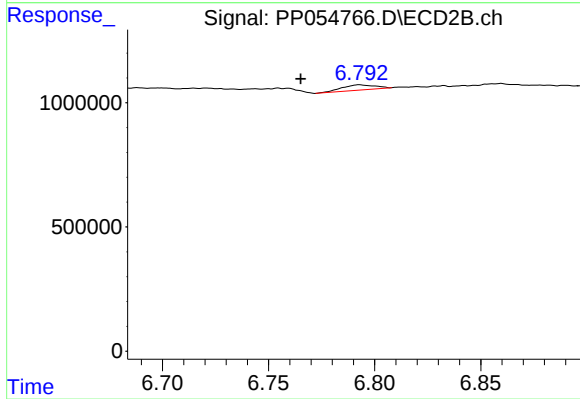
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.221 min
Response: 0
Conc: N.D.



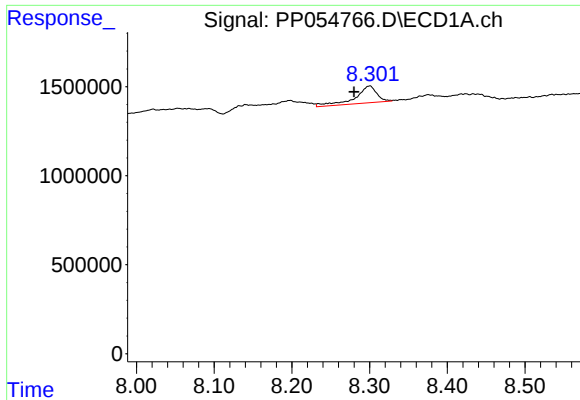
#36 AR-1262-1

R.T.: 7.733 min
Delta R.T.: -0.004 min
Response: 223760
Conc: 2.73 ng/ml



#36 AR-1262-1

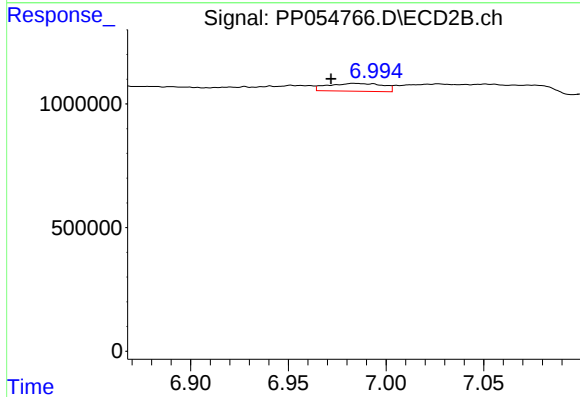
R.T.: 6.793 min
Delta R.T.: 0.028 min
Response: 225986
Conc: 5.33 ng/ml



#37 AR-1262-2

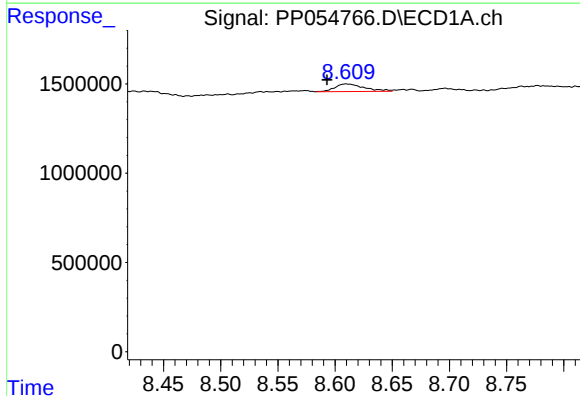
R.T.: 8.300 min
Delta R.T.: 0.020 min
Response: 1827897
Conc: 12.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



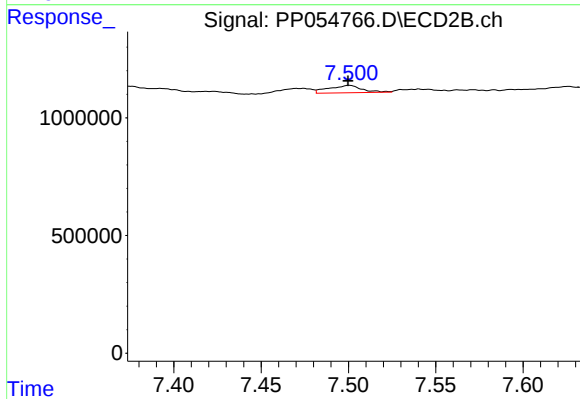
#37 AR-1262-2

R.T.: 6.984 min
Delta R.T.: 0.012 min
Response: 616627
Conc: 6.71 ng/ml



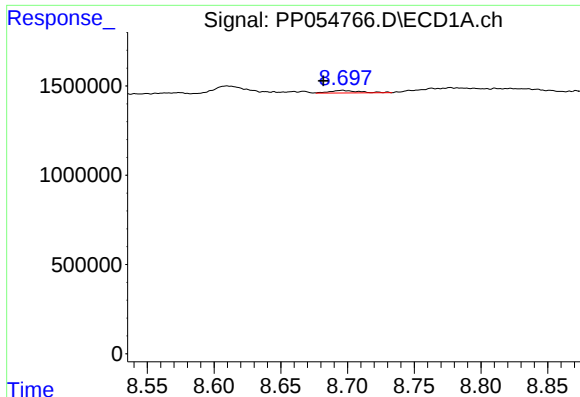
#38 AR-1262-3

R.T.: 8.610 min
Delta R.T.: 0.017 min
Response: 759452
Conc: 7.37 ng/ml



#38 AR-1262-3

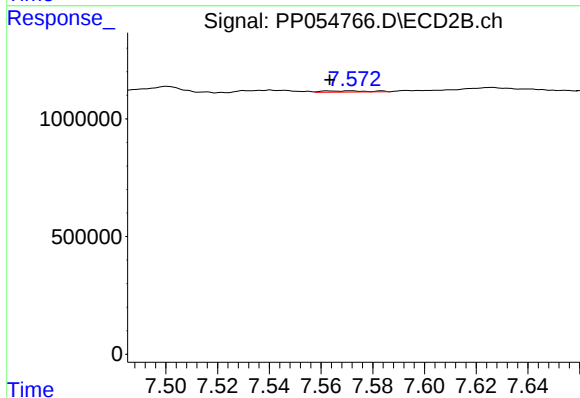
R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 415310
Conc: 5.78 ng/ml



#39 AR-1262-4

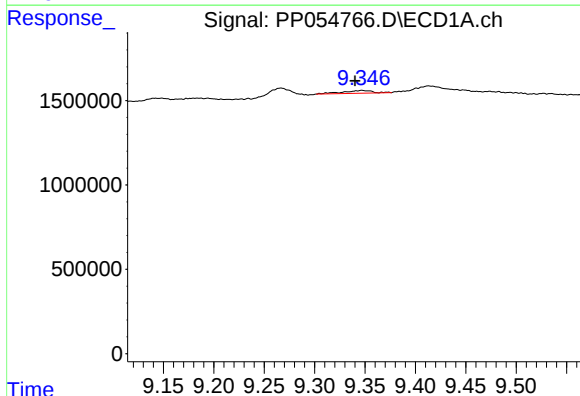
R.T.: 8.696 min
Delta R.T.: 0.014 min
Response: 223722
Conc: 4.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



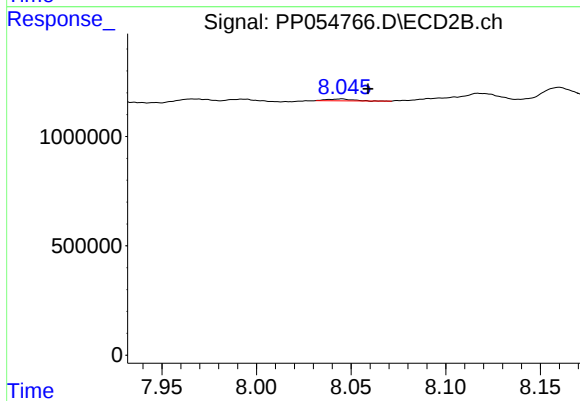
#39 AR-1262-4

R.T.: 7.572 min
Delta R.T.: 0.008 min
Response: 63253
Conc: 0.49 ng/ml



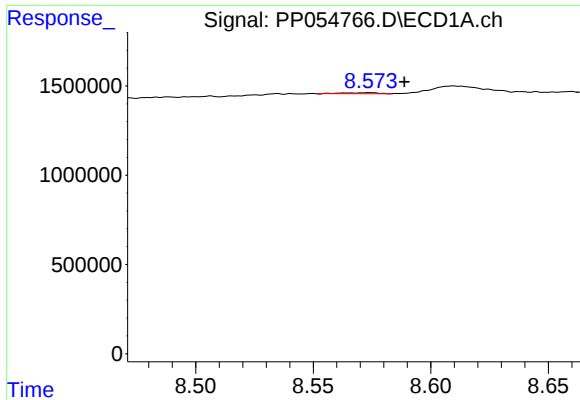
#40 AR-1262-5

R.T.: 9.347 min
Delta R.T.: 0.007 min
Response: 337608
Conc: 5.93 ng/ml



#40 AR-1262-5

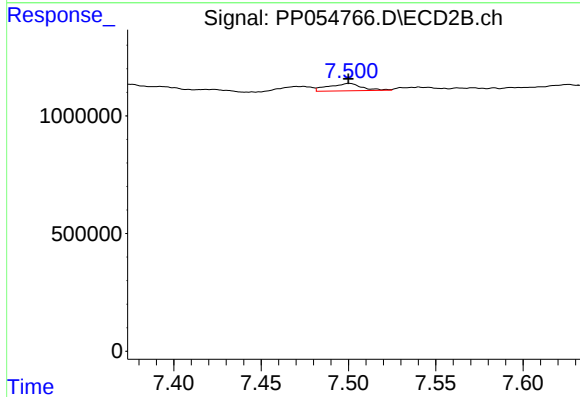
R.T.: 8.045 min
Delta R.T.: -0.014 min
Response: 78068
Conc: 1.31 ng/ml



#41 AR-1268-1

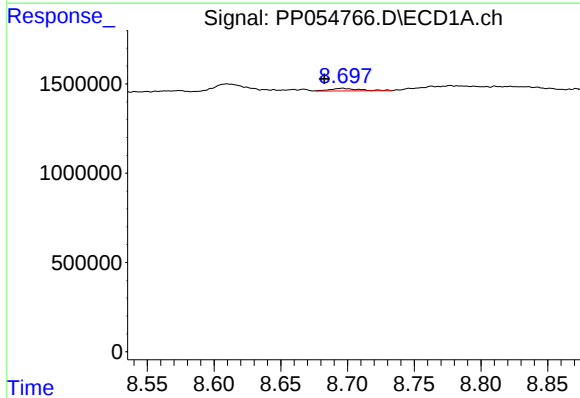
R.T.: 8.573 min
Delta R.T.: -0.016 min
Response: 61252
Conc: 0.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



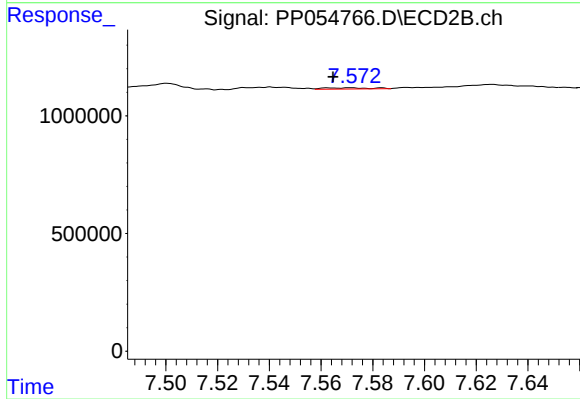
#41 AR-1268-1

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 415310
Conc: 1.92 ng/ml



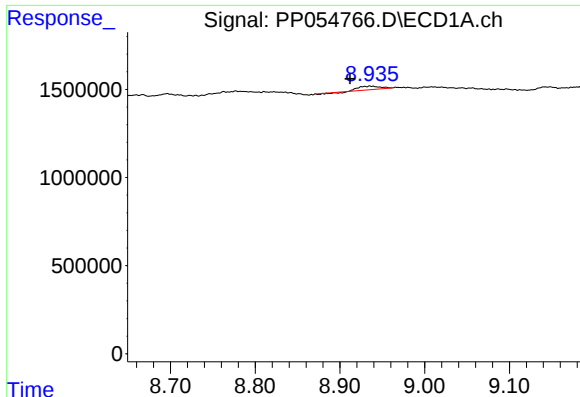
#42 AR-1268-2

R.T.: 8.696 min
Delta R.T.: 0.014 min
Response: 223722
Conc: 1.32 ng/ml



#42 AR-1268-2

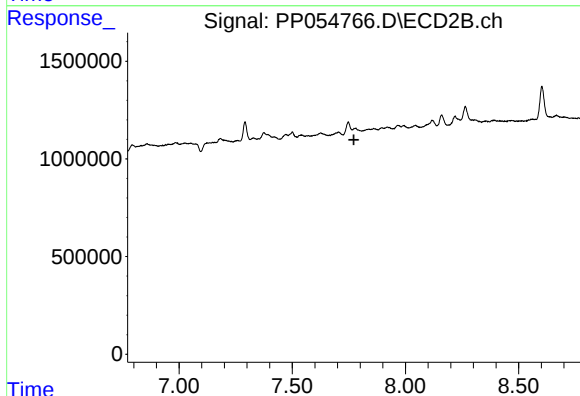
R.T.: 7.572 min
Delta R.T.: 0.007 min
Response: 63253
Conc: 0.32 ng/ml



#43 AR-1268-3

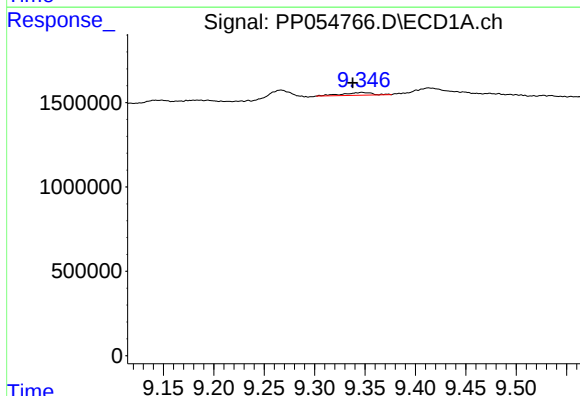
R.T.: 8.936 min
Delta R.T.: 0.024 min
Response: 315413
Conc: 2.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



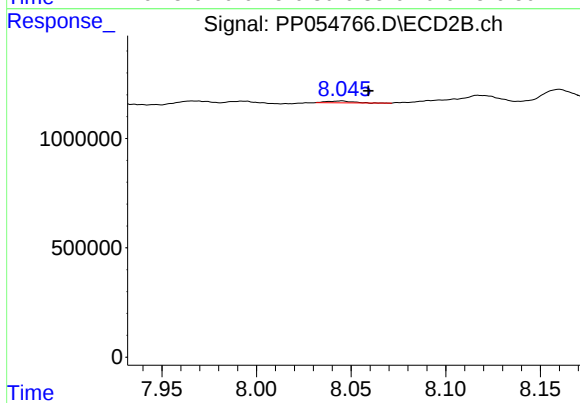
#43 AR-1268-3

R.T.: 7.780 min
Delta R.T.: 0.008 min
Response: -155703
Conc: N.D.



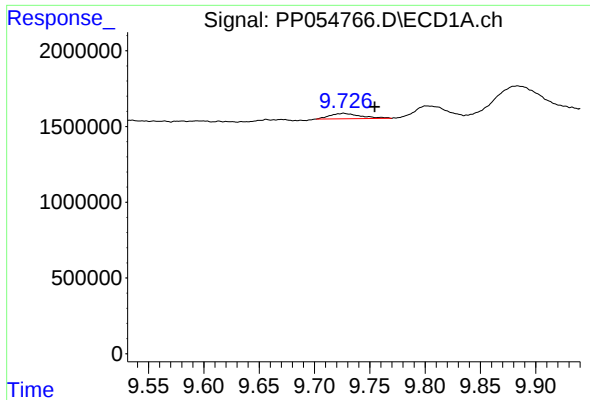
#44 AR-1268-4

R.T.: 9.347 min
Delta R.T.: 0.009 min
Response: 337608
Conc: 5.23 ng/ml



#44 AR-1268-4

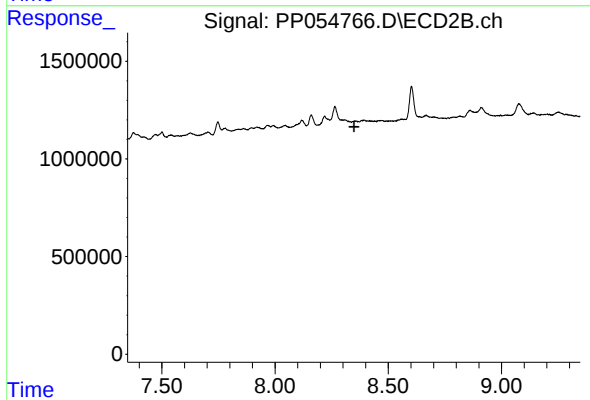
R.T.: 8.045 min
Delta R.T.: -0.014 min
Response: 78068
Conc: 1.15 ng/ml



#45 AR-1268-5

R.T.: 9.726 min
Delta R.T.: -0.028 min
Response: 688776
Conc: 1.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.349 min
Response: 0
Conc: N.D.