

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
 Data File : PP059199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2023 18:00
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 02:37:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.417	3.650	27063494	43378358	22.056	21.409
2)	SA Decachlor...	10.211	8.688	17510353	29997769	22.942	21.323
Target Compounds							
3)	L1 AR-1016-1	5.592	4.741	29806	36503	0.759	0.569
4)	L1 AR-1016-2	5.618	4.754	87641	228849	1.546	2.519 #
5)	L1 AR-1016-3	5.666	4.938	169009	6461	4.711	0.134 #
6)	L1 AR-1016-4	5.779	4.979	4553	31055	0.157	0.752 #
7)	L1 AR-1016-5	6.074	5.198	15774	12398	0.521	0.238 #
8)	L2 AR-1221-1	4.616	3.867	22030	24236	1.398	0.893 #
9)	L2 AR-1221-2	4.726	3.951	441499	606685	37.387	30.472
10)	L2 AR-1221-3	4.789	4.031	135506	31064	3.848	0.522 #
11)	L3 AR-1232-1	4.789	4.031	135506	31064	4.610	0.655 #
12)	L3 AR-1232-2	5.327	4.754	43352	228849	2.781	5.395 #
13)	L3 AR-1232-3	5.618	4.938	87641	6461	3.319	0.291 #
14)	L3 AR-1232-4	5.779	5.023	4553	10184	0.344	0.482 #
15)	L3 AR-1232-5	5.867	5.190	99020	32803	8.675	1.431 #
16)	L4 AR-1242-1	5.592	4.741	29806	36503	0.871	0.652 #
17)	L4 AR-1242-2	5.618	4.754	87641	228849	1.786	2.870 #
18)	L4 AR-1242-3	5.666	4.938	169009	6461	5.379	0.152 #
19)	L4 AR-1242-4	5.779	5.023	4553	10184	0.178	0.233 #
20)	L4 AR-1242-5	6.521	5.549	18879	11063	0.731	0.223 #
21)	L5 AR-1248-1	5.592	4.741	29806	36503	1.174	0.887
22)	L5 AR-1248-2	5.867	4.979	99020	31055	2.558	0.516 #
23)	L5 AR-1248-3	6.074	5.023	15774	10184	0.373	0.165 #
24)	L5 AR-1248-4	6.477	5.190	50188	32803	1.205	0.456 #
25)	L5 AR-1248-5	6.521	5.585	18879	21508	0.463	0.326 #
26)	L6 AR-1254-1	6.457	5.549	212626	11063	4.552	0.109 #
27)	L6 AR-1254-2	6.669	5.697	235572	21892	3.424	0.248 #
28)	L6 AR-1254-3	7.044	6.102	140192	78065	2.031	0.565 #
29)	L6 AR-1254-4	0.000	6.332	0	78473	N.D.	0.976 #
30)	L6 AR-1254-5	7.739	6.751	200253	109527	4.262	0.916 #
31)	L7 AR-1260-1	7.195	6.234	30152	79398	0.551	0.802 #
32)	L7 AR-1260-2	7.438f	6.421	123229	251063	2.070	2.170
33)	L7 AR-1260-3	0.000	6.574	0	485310	N.D.	4.363 #
34)	L7 AR-1260-4	0.000	7.049	0	70929	N.D.	0.818 #
35)	L7 AR-1260-5	0.000	7.294	0	283754	N.D.	1.539 #
36)	L8 AR-1262-1	0.000	6.840	0	31048	N.D.	0.540 #
37)	L8 AR-1262-2	0.000	7.049	0	70929	N.D.	0.601 #
38)	L8 AR-1262-3	8.698	7.577	28616	10426	0.445	0.123 #
39)	L8 AR-1262-4	8.791	7.645	201605	46714	6.071	0.309 #
40)	L8 AR-1262-5	0.000	8.142	0	1500318	N.D.	23.525 #
41)	L9 AR-1268-1	8.698	7.577	28616	10426	0.252	0.043 #

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 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

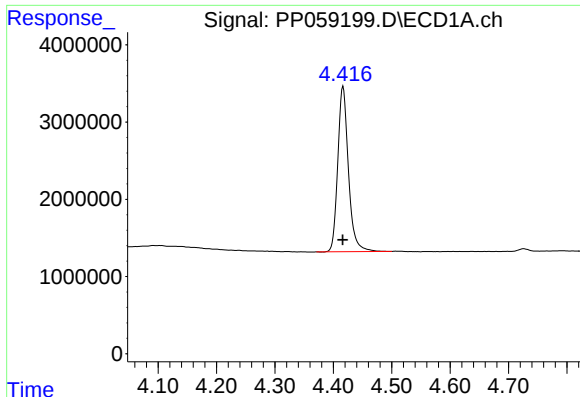
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 02:37:51 2023
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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	8.791	7.645	201605	46714	2.048	0.213 #
43) L9	AR-1268-3	9.011	7.837	42727	88886	0.461	0.455
44) L9	AR-1268-4	0.000	8.142	0	1500318	N.D.	21.559 #
45) L9	AR-1268-5	9.871	8.432	266864	135696	0.983	0.262 #

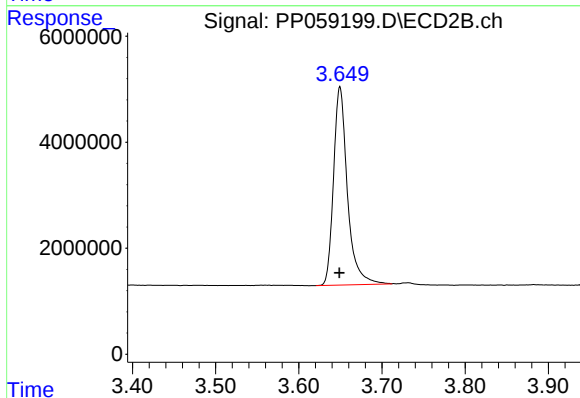
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

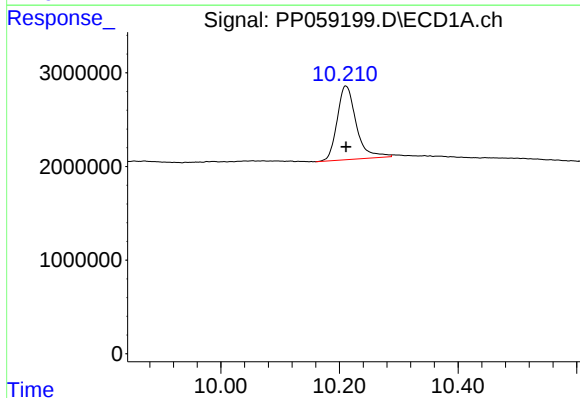
R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 27063494
Conc: 22.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



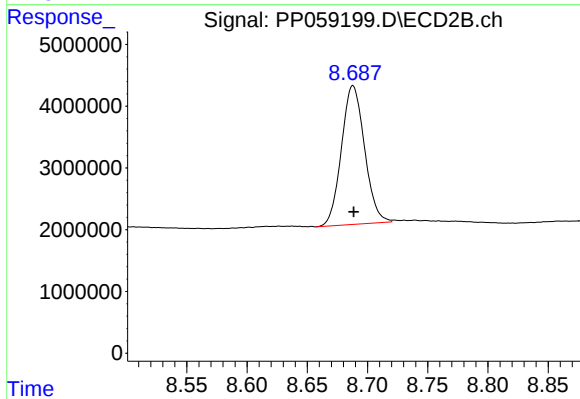
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 43378358
Conc: 21.41 ng/ml



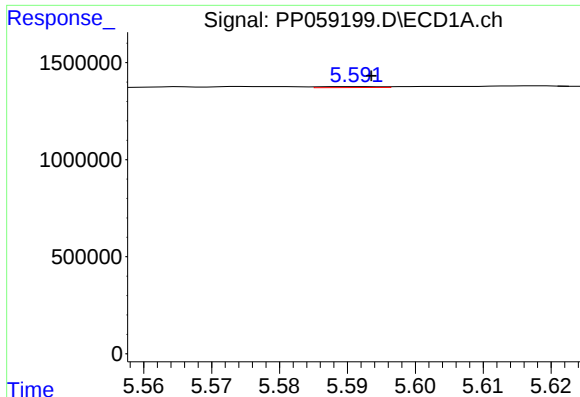
#2 Decachlorobiphenyl

R.T.: 10.211 min
Delta R.T.: 0.000 min
Response: 17510353
Conc: 22.94 ng/ml



#2 Decachlorobiphenyl

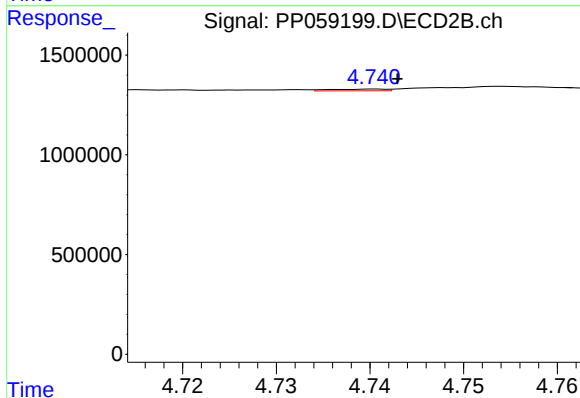
R.T.: 8.688 min
Delta R.T.: 0.000 min
Response: 29997769
Conc: 21.32 ng/ml



#3 AR-1016-1

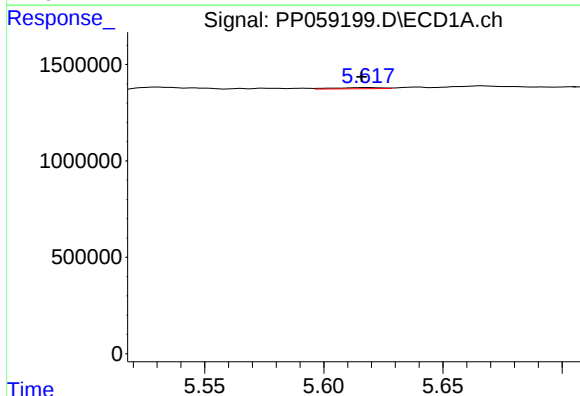
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 29806
Conc: 0.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



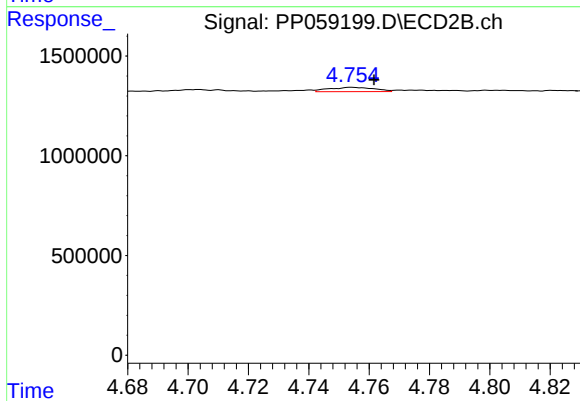
#3 AR-1016-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 36503
Conc: 0.57 ng/ml



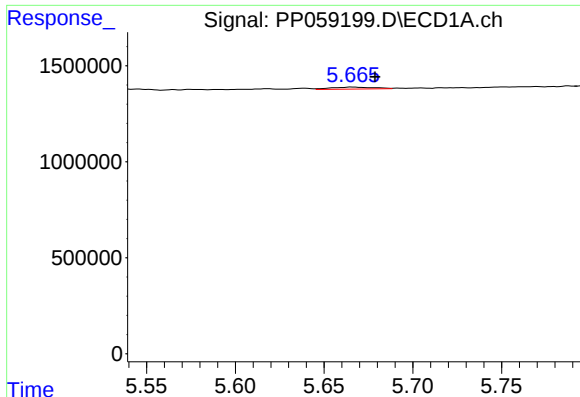
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.002 min
Response: 87641
Conc: 1.55 ng/ml



#4 AR-1016-2

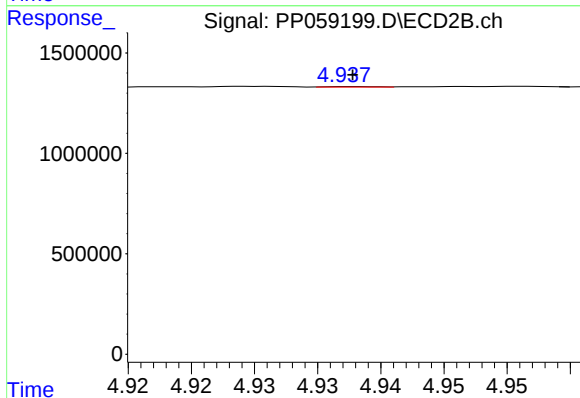
R.T.: 4.754 min
Delta R.T.: -0.008 min
Response: 228849
Conc: 2.52 ng/ml



#5 AR-1016-3

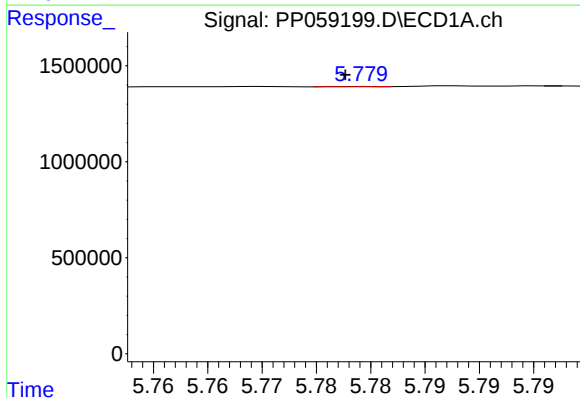
R.T.: 5.666 min
Delta R.T.: -0.013 min
Response: 169009
Conc: 4.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



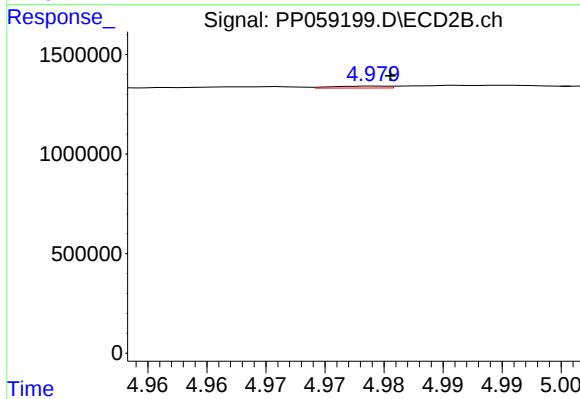
#5 AR-1016-3

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 6461
Conc: 0.13 ng/ml



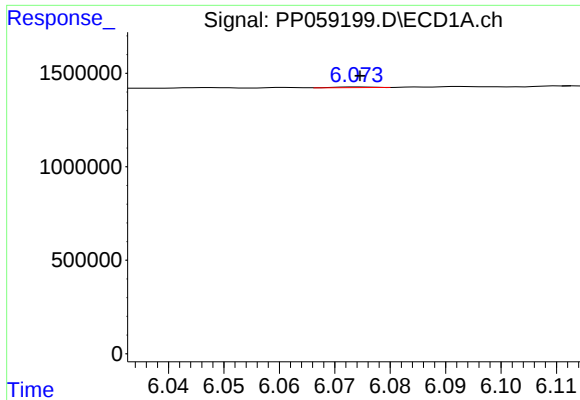
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 4553
Conc: 0.16 ng/ml



#6 AR-1016-4

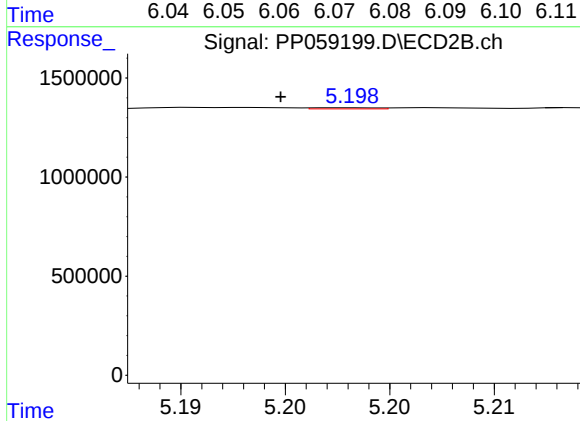
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 31055
Conc: 0.75 ng/ml



#7 AR-1016-5

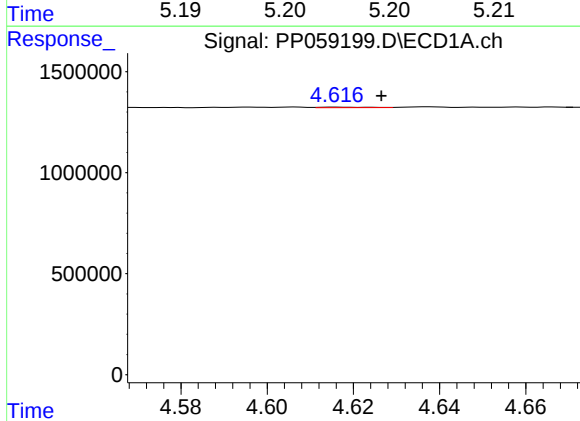
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 15774
Conc: 0.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



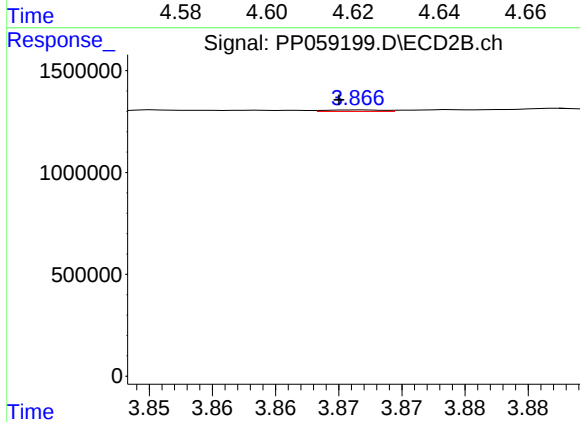
#7 AR-1016-5

R.T.: 5.198 min
Delta R.T.: 0.003 min
Response: 12398
Conc: 0.24 ng/ml



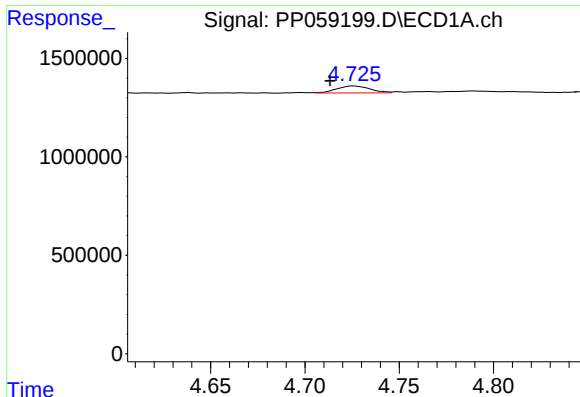
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.011 min
Response: 22030
Conc: 1.40 ng/ml



#8 AR-1221-1

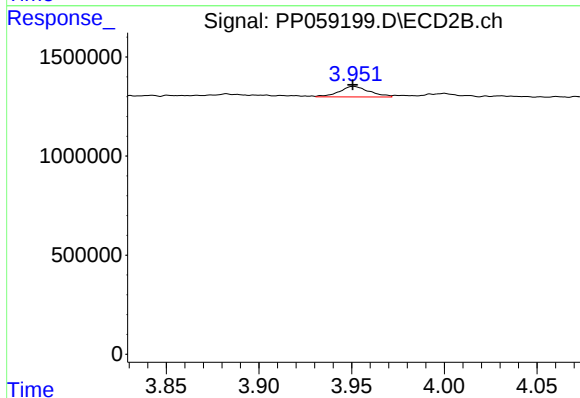
R.T.: 3.867 min
Delta R.T.: 0.002 min
Response: 24236
Conc: 0.89 ng/ml



#9 AR-1221-2

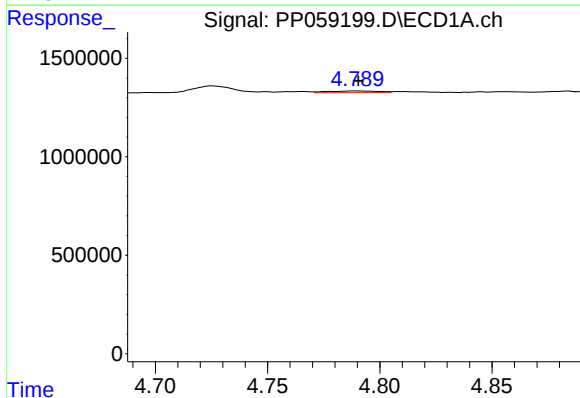
R.T.: 4.726 min
Delta R.T.: 0.012 min
Response: 441499
Conc: 37.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



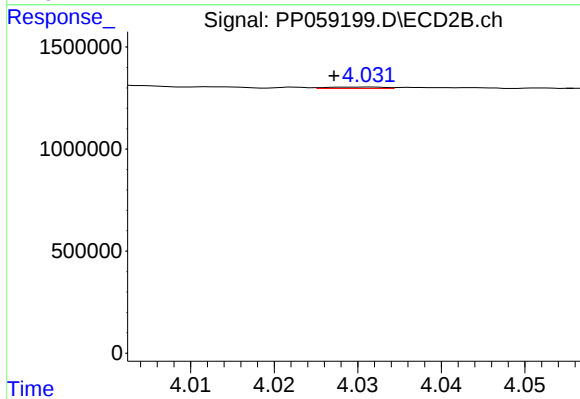
#9 AR-1221-2

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 606685
Conc: 30.47 ng/ml



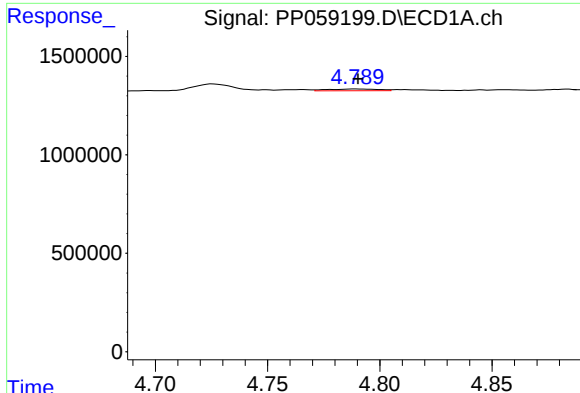
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 135506
Conc: 3.85 ng/ml



#10 AR-1221-3

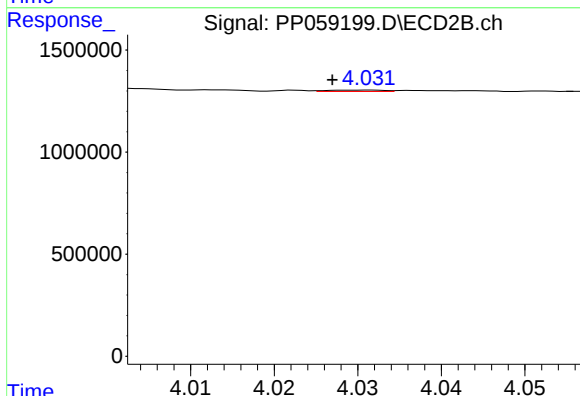
R.T.: 4.031 min
Delta R.T.: 0.004 min
Response: 31064
Conc: 0.52 ng/ml



#11 AR-1232-1

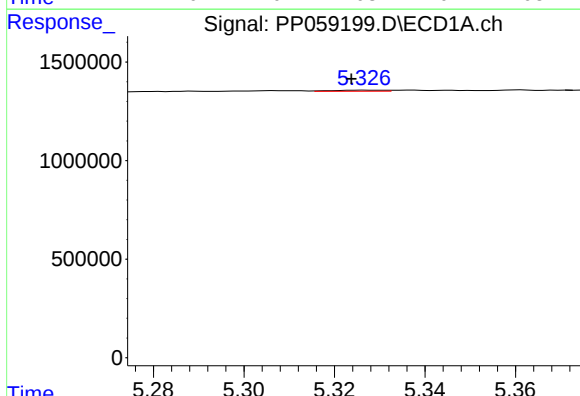
R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 135506
Conc: 4.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



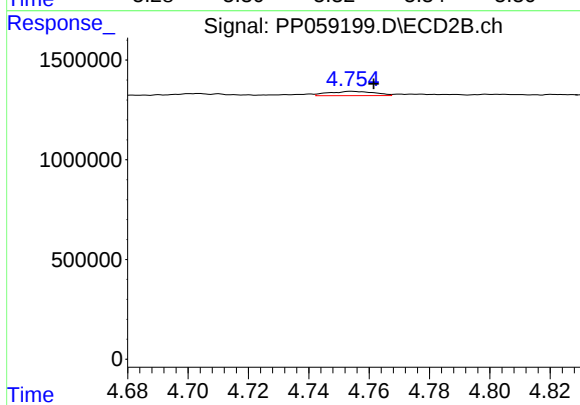
#11 AR-1232-1

R.T.: 4.031 min
Delta R.T.: 0.004 min
Response: 31064
Conc: 0.65 ng/ml



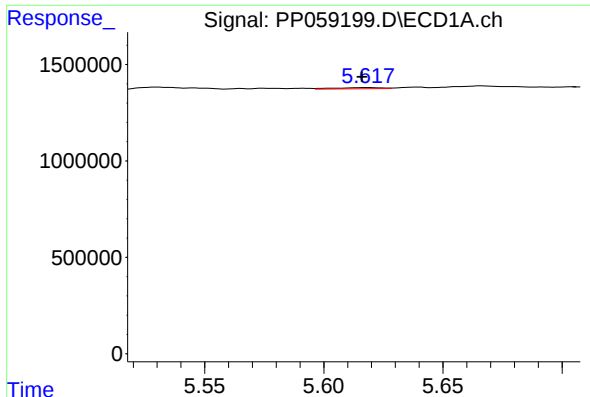
#12 AR-1232-2

R.T.: 5.327 min
Delta R.T.: 0.003 min
Response: 43352
Conc: 2.78 ng/ml



#12 AR-1232-2

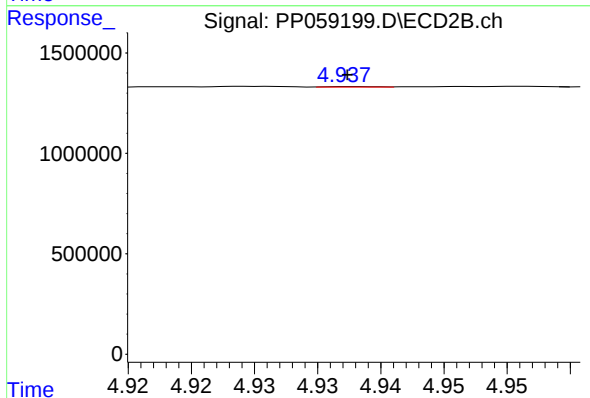
R.T.: 4.754 min
Delta R.T.: -0.007 min
Response: 228849
Conc: 5.40 ng/ml



#13 AR-1232-3

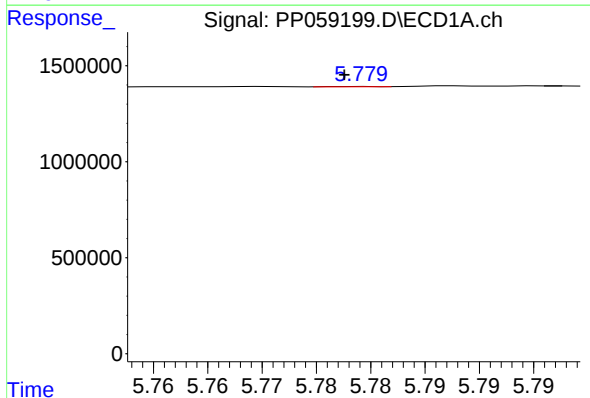
R.T.: 5.618 min
Delta R.T.: 0.002 min
Response: 87641
Conc: 3.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



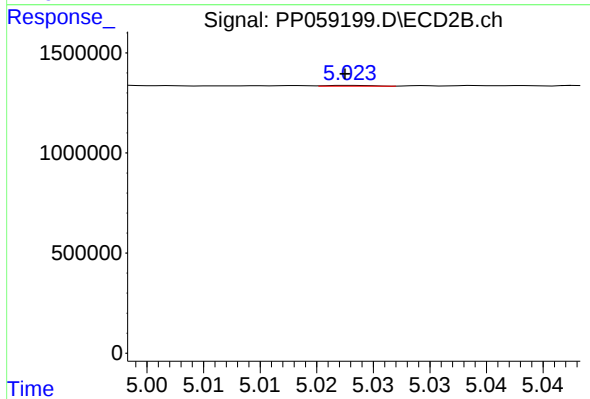
#13 AR-1232-3

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 6461
Conc: 0.29 ng/ml



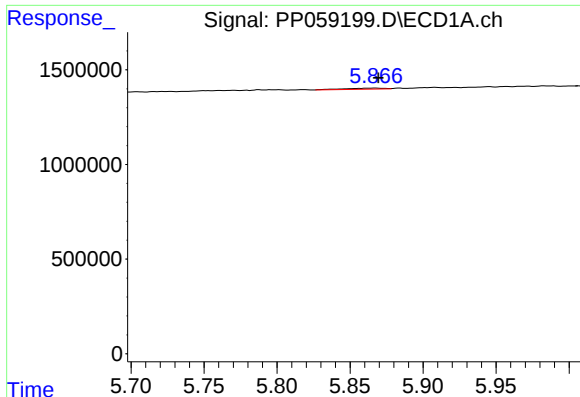
#14 AR-1232-4

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 4553
Conc: 0.34 ng/ml



#14 AR-1232-4

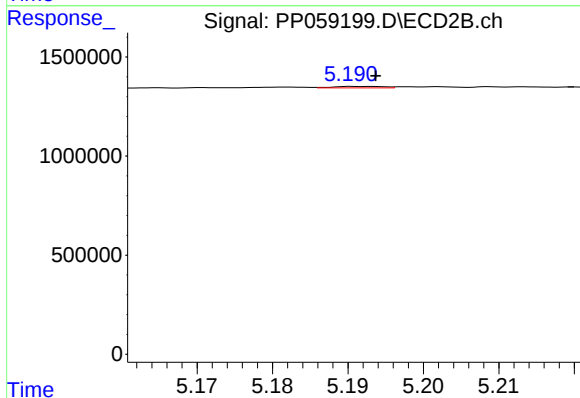
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 10184
Conc: 0.48 ng/ml



#15 AR-1232-5

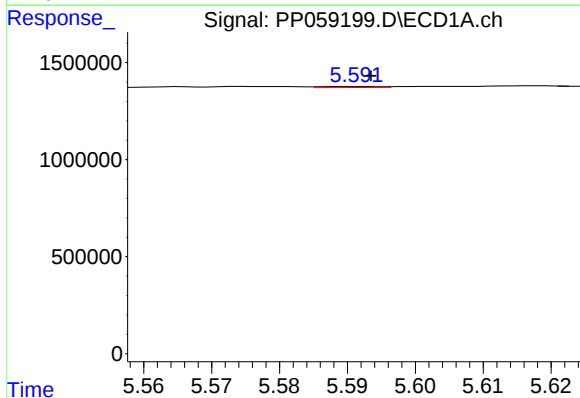
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 99020
Conc: 8.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



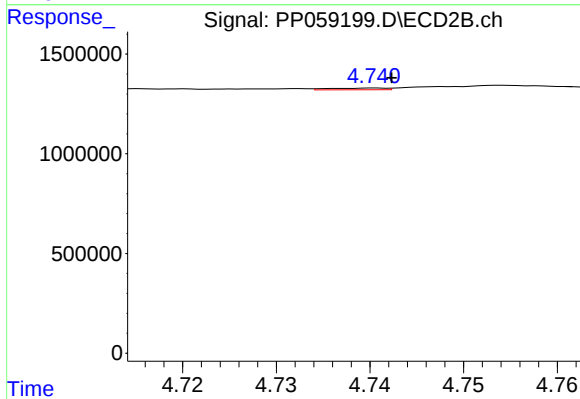
#15 AR-1232-5

R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 32803
Conc: 1.43 ng/ml



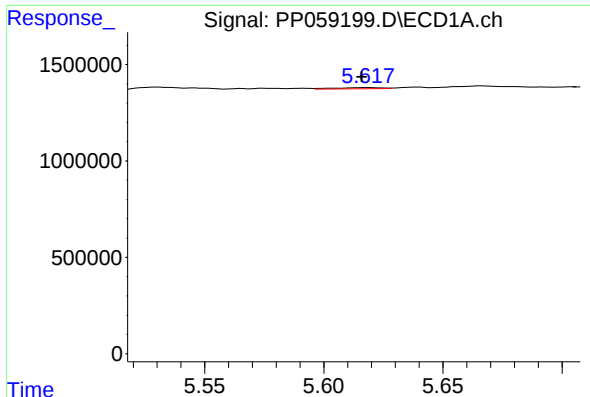
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 29806
Conc: 0.87 ng/ml



#16 AR-1242-1

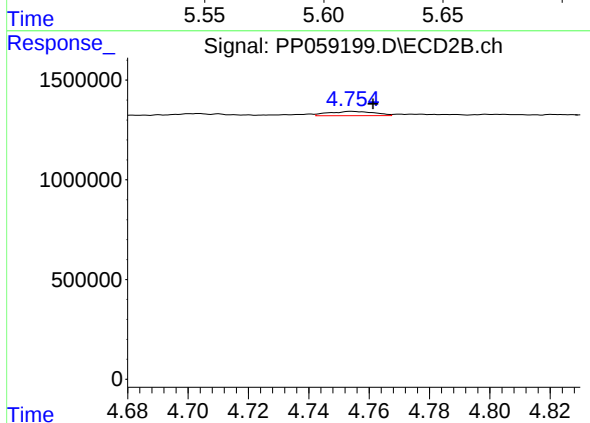
R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 36503
Conc: 0.65 ng/ml



#17 AR-1242-2

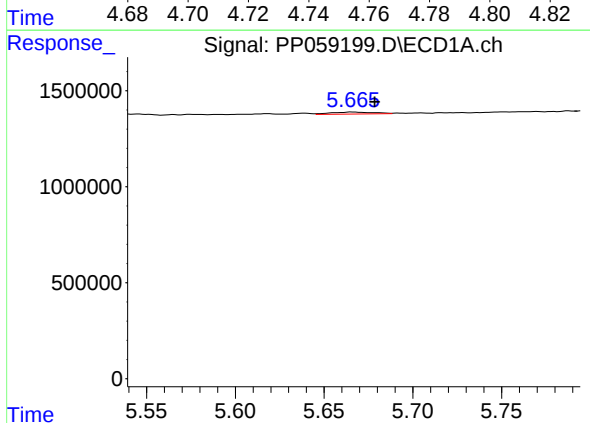
R.T.: 5.618 min
Delta R.T.: 0.002 min
Response: 87641
Conc: 1.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



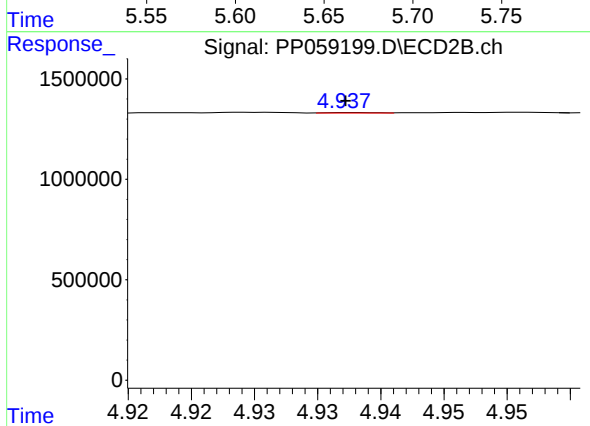
#17 AR-1242-2

R.T.: 4.754 min
Delta R.T.: -0.007 min
Response: 228849
Conc: 2.87 ng/ml



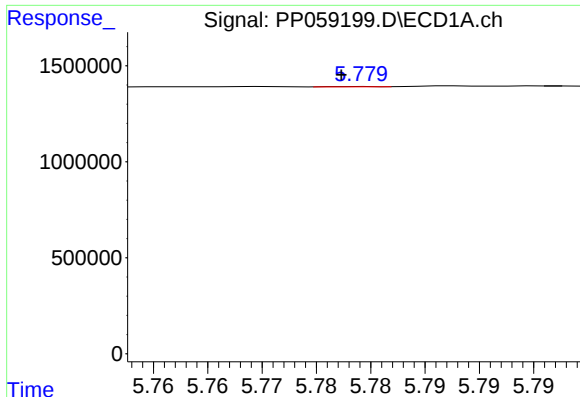
#18 AR-1242-3

R.T.: 5.666 min
Delta R.T.: -0.012 min
Response: 169009
Conc: 5.38 ng/ml



#18 AR-1242-3

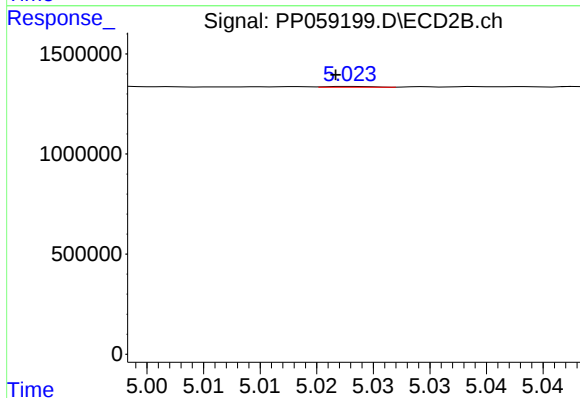
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 6461
Conc: 0.15 ng/ml



#19 AR-1242-4

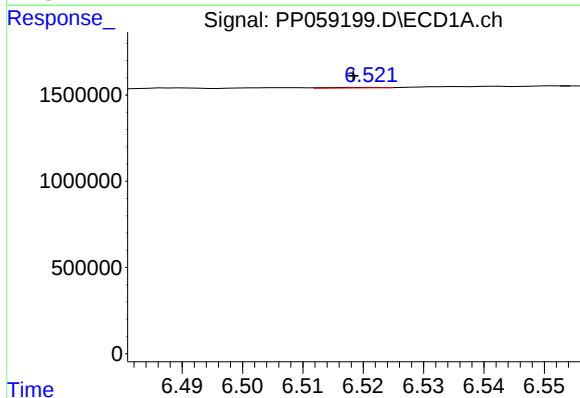
R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 4553
Conc: 0.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



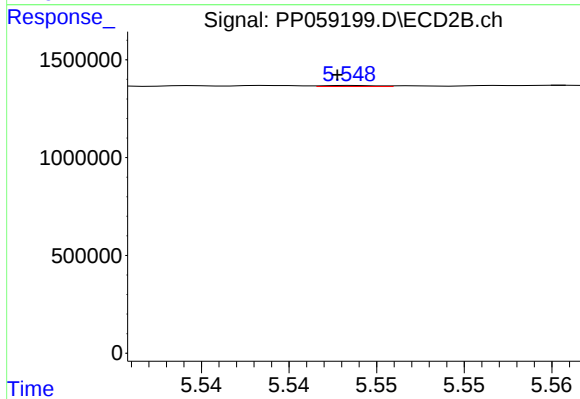
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 10184
Conc: 0.23 ng/ml



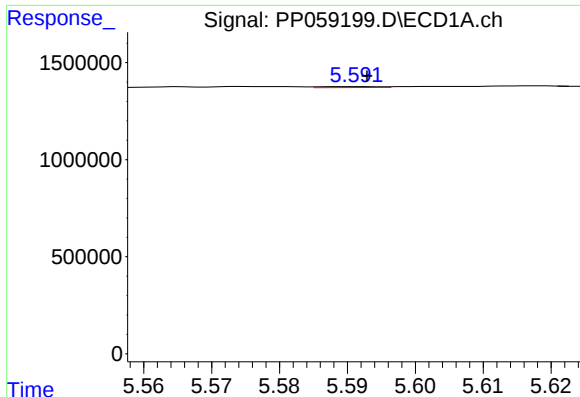
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: 0.003 min
Response: 18879
Conc: 0.73 ng/ml



#20 AR-1242-5

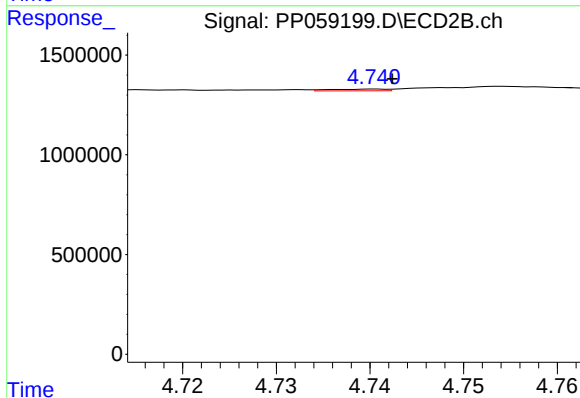
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 11063
Conc: 0.22 ng/ml



#21 AR-1248-1

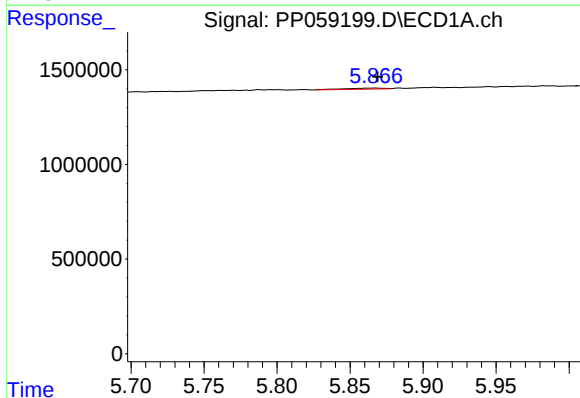
R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 29806
Conc: 1.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



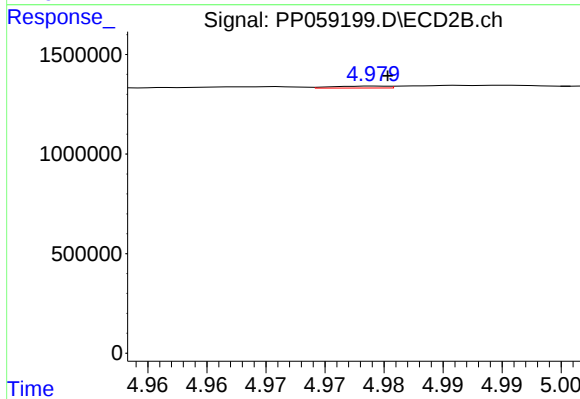
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 36503
Conc: 0.89 ng/ml



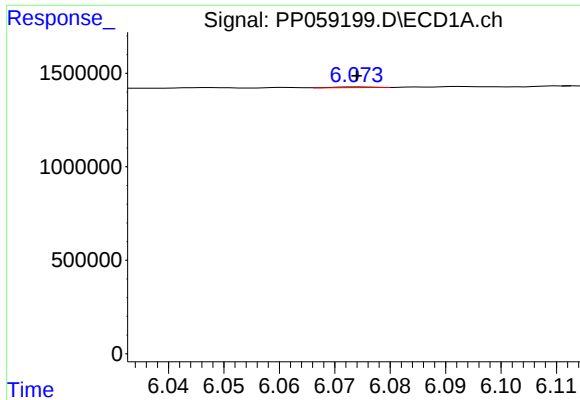
#22 AR-1248-2

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 99020
Conc: 2.56 ng/ml



#22 AR-1248-2

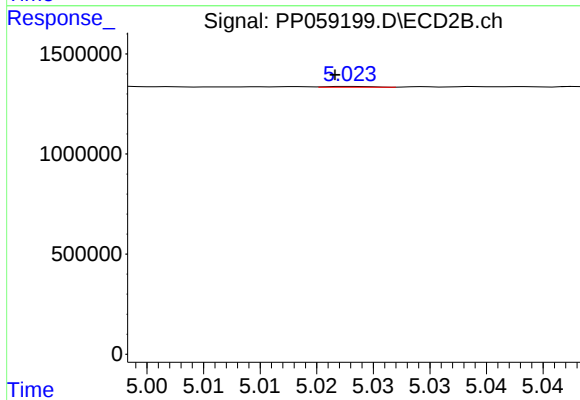
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 31055
Conc: 0.52 ng/ml



#23 AR-1248-3

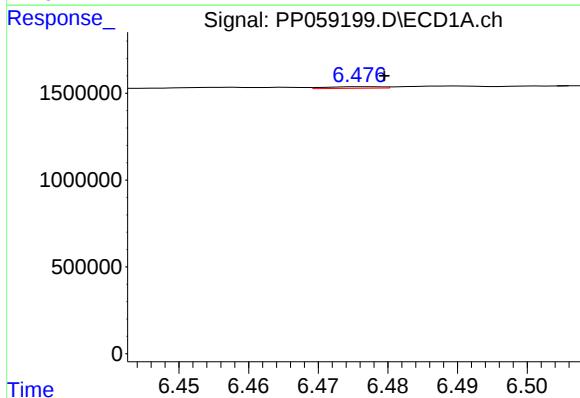
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 15774
Conc: 0.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



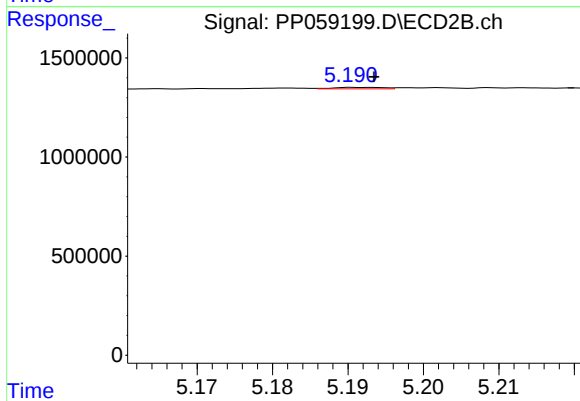
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 10184
Conc: 0.17 ng/ml



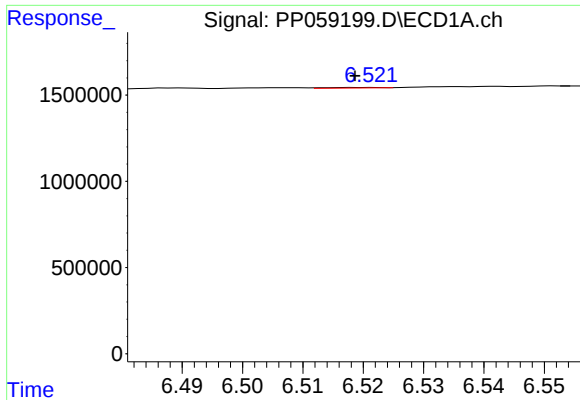
#24 AR-1248-4

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 50188
Conc: 1.21 ng/ml



#24 AR-1248-4

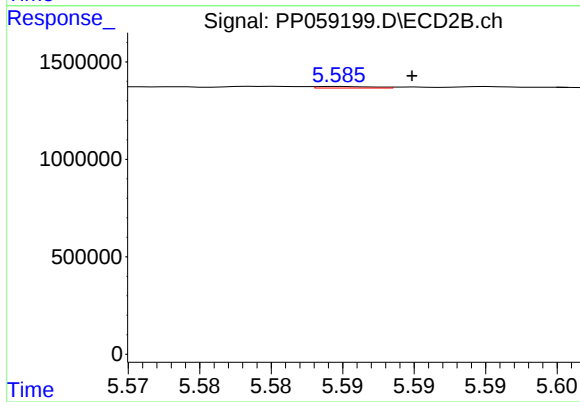
R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 32803
Conc: 0.46 ng/ml



#25 AR-1248-5

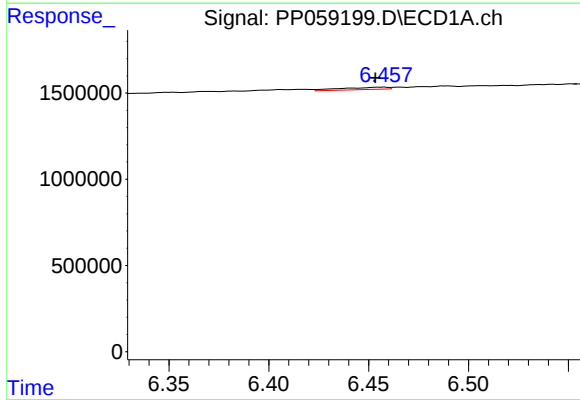
R.T.: 6.521 min
Delta R.T.: 0.002 min
Response: 18879
Conc: 0.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



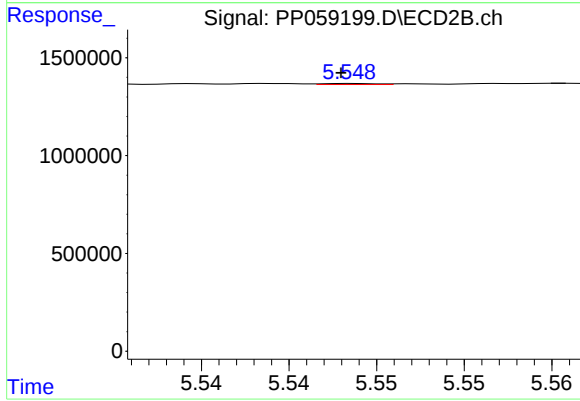
#25 AR-1248-5

R.T.: 5.585 min
Delta R.T.: -0.005 min
Response: 21508
Conc: 0.33 ng/ml



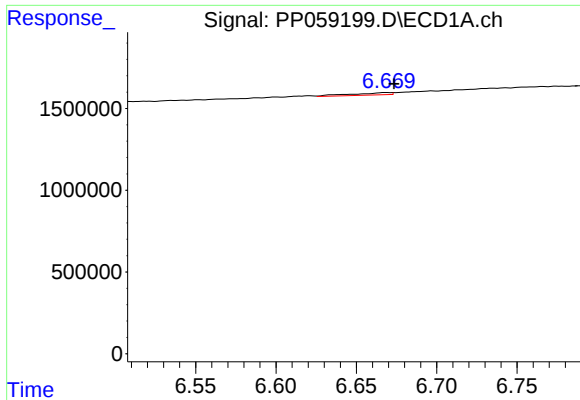
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: 0.004 min
Response: 212626
Conc: 4.55 ng/ml



#26 AR-1254-1

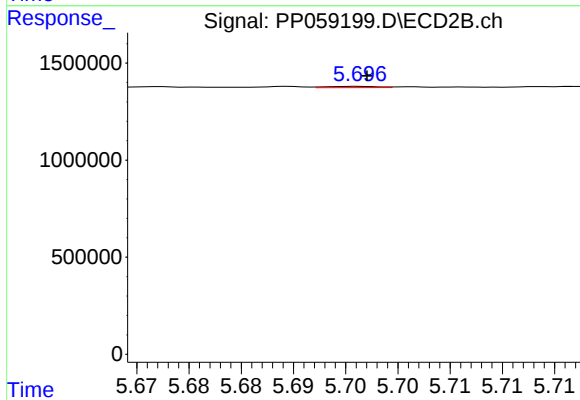
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 11063
Conc: 0.11 ng/ml



#27 AR-1254-2

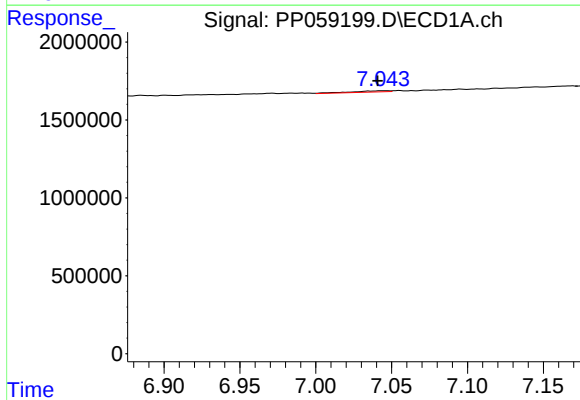
R.T.: 6.669 min
Delta R.T.: -0.004 min
Response: 235572
Conc: 3.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



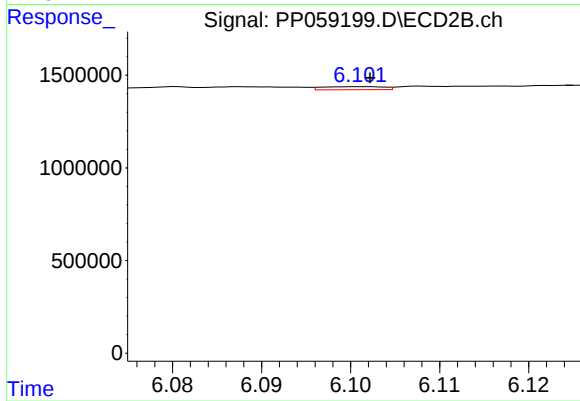
#27 AR-1254-2

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 21892
Conc: 0.25 ng/ml



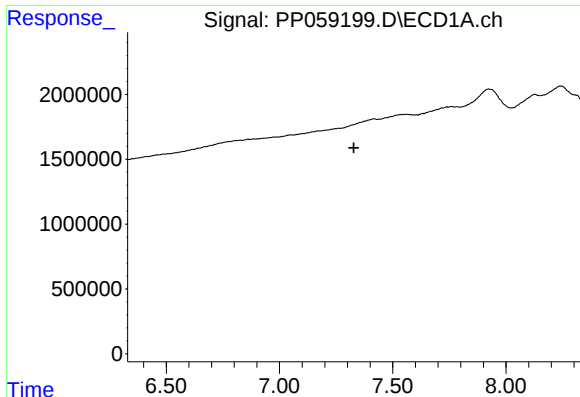
#28 AR-1254-3

R.T.: 7.044 min
Delta R.T.: 0.003 min
Response: 140192
Conc: 2.03 ng/ml



#28 AR-1254-3

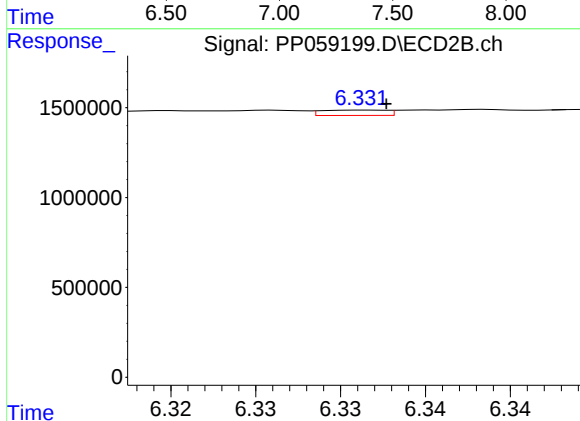
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 78065
Conc: 0.56 ng/ml



#29 AR-1254-4

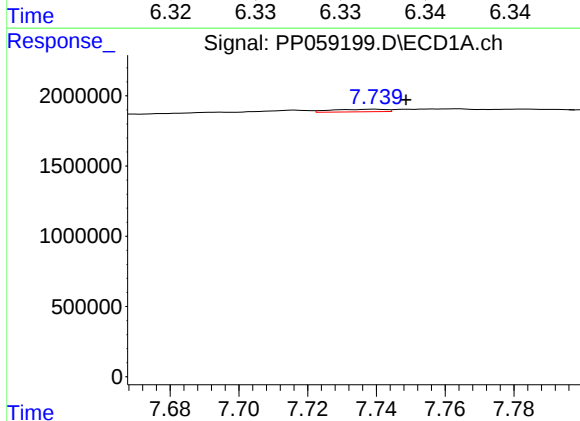
R.T.: 0.000 min
Exp R.T.: 7.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



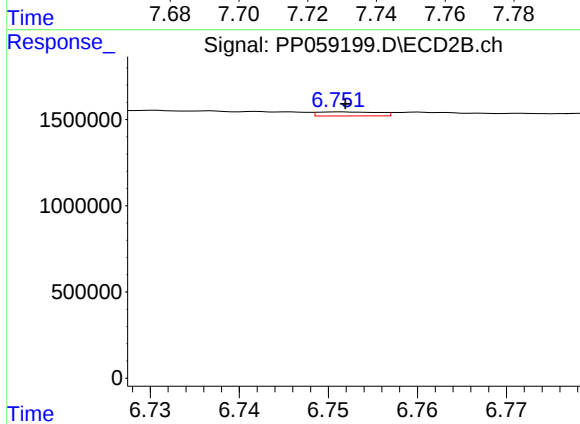
#29 AR-1254-4

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 78473
Conc: 0.98 ng/ml



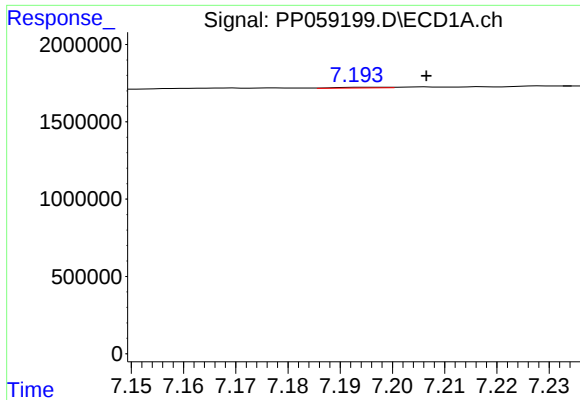
#30 AR-1254-5

R.T.: 7.739 min
Delta R.T.: -0.009 min
Response: 200253
Conc: 4.26 ng/ml



#30 AR-1254-5

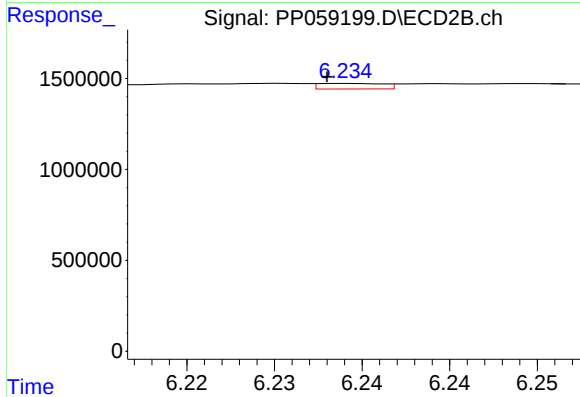
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 109527
Conc: 0.92 ng/ml



#31 AR-1260-1

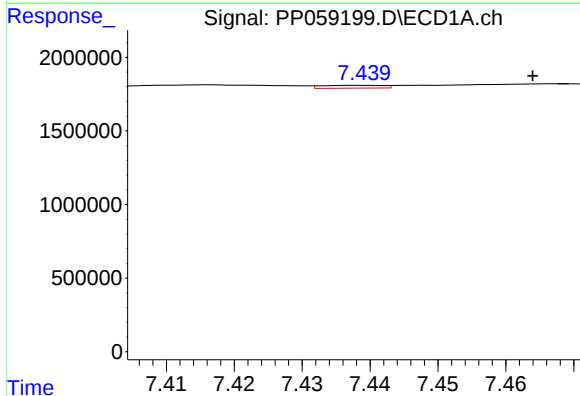
R.T.: 7.195 min
Delta R.T.: -0.012 min
Response: 30152
Conc: 0.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



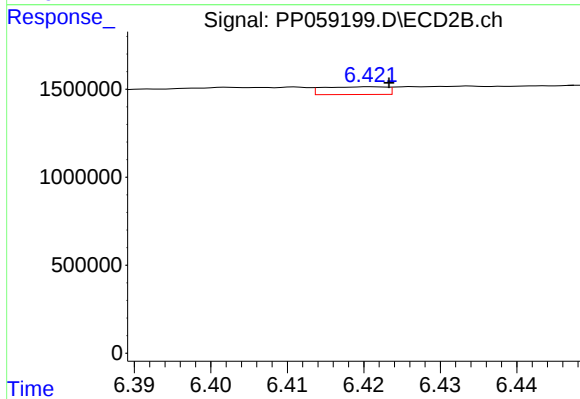
#31 AR-1260-1

R.T.: 6.234 min
Delta R.T.: 0.001 min
Response: 79398
Conc: 0.80 ng/ml



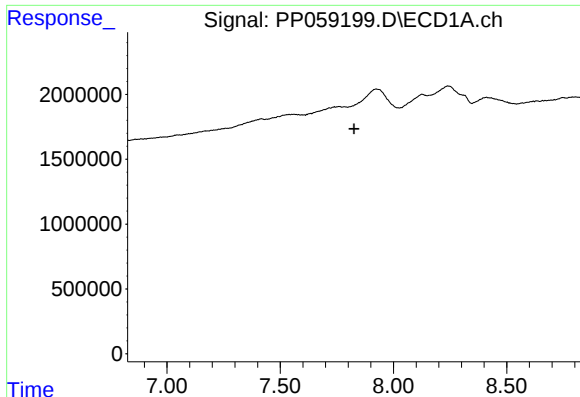
#32 AR-1260-2

R.T.: 7.438 min
Delta R.T.: -0.025 min
Response: 123229
Conc: 2.07 ng/ml



#32 AR-1260-2

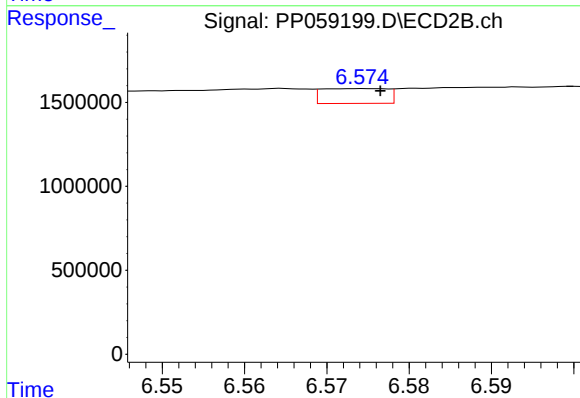
R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 251063
Conc: 2.17 ng/ml



#33 AR-1260-3

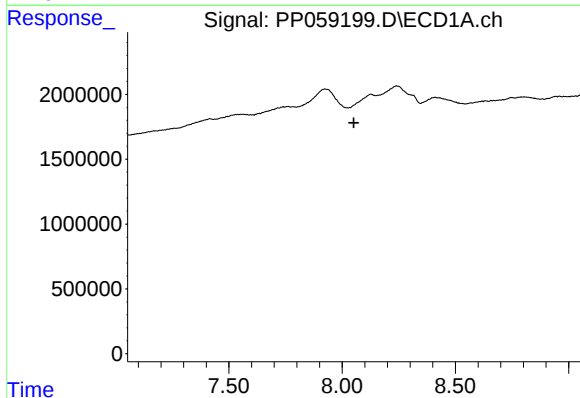
R.T.: 0.000 min
Exp R.T.: 7.826 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



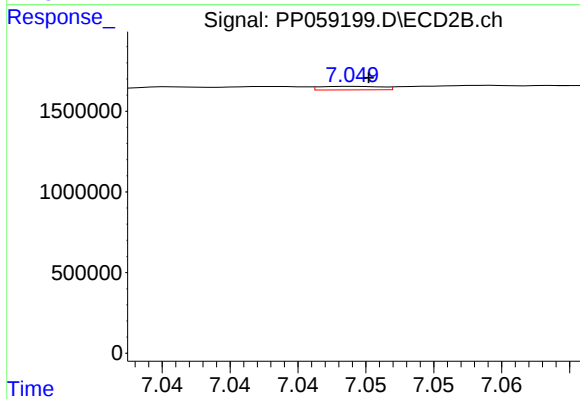
#33 AR-1260-3

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 485310
Conc: 4.36 ng/ml



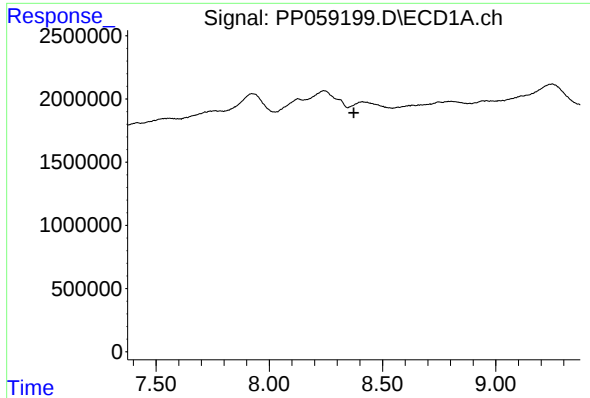
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.051 min
Response: 0
Conc: N.D.



#34 AR-1260-4

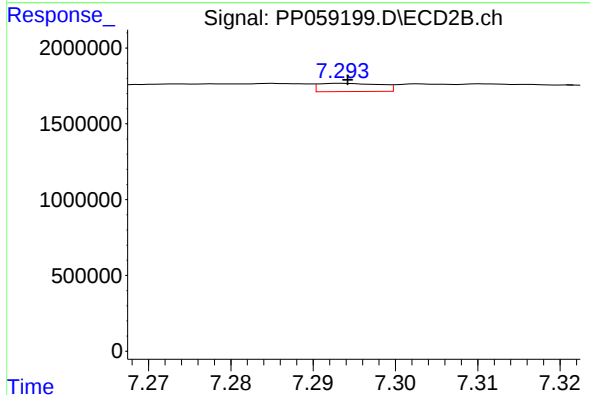
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 70929
Conc: 0.82 ng/ml



#35 AR-1260-5

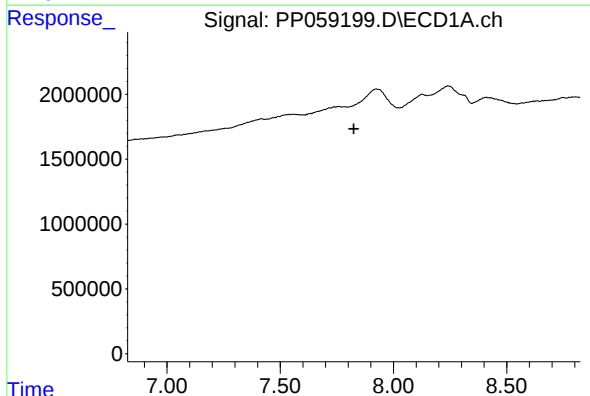
R.T.: 0.000 min
Exp R.T.: 8.374 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



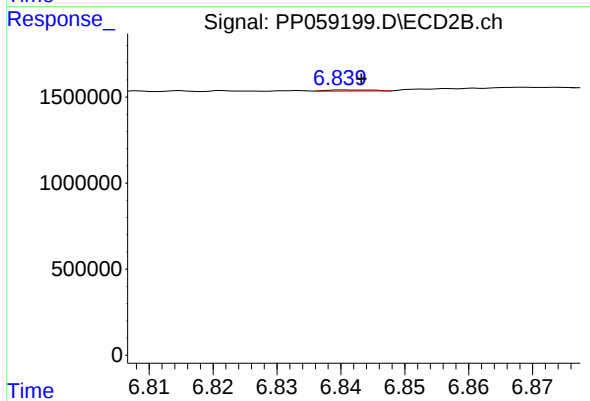
#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 283754
Conc: 1.54 ng/ml



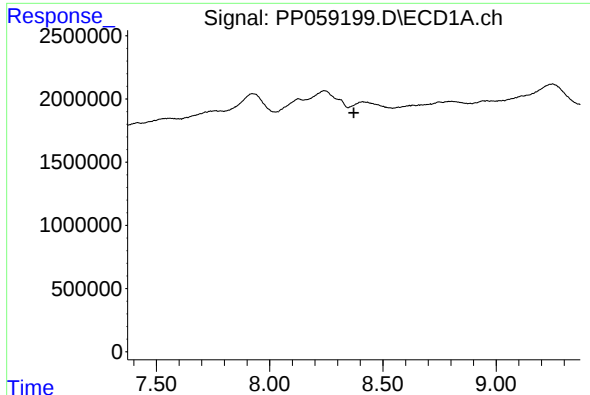
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.825 min
Response: 0
Conc: N.D.



#36 AR-1262-1

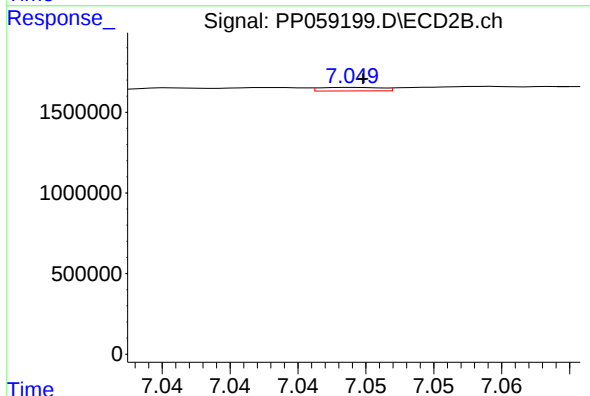
R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 31048
Conc: 0.54 ng/ml



#37 AR-1262-2

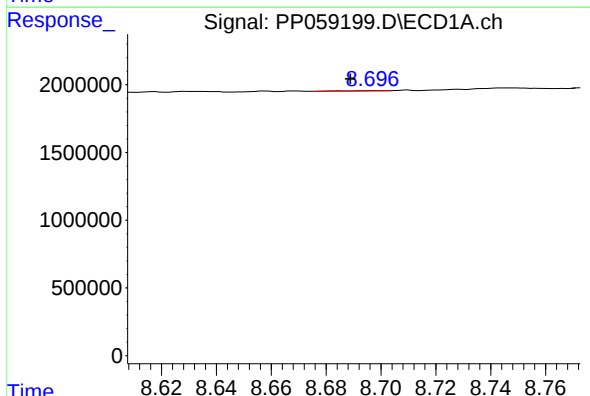
R.T.: 0.000 min
Exp R.T.: 8.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



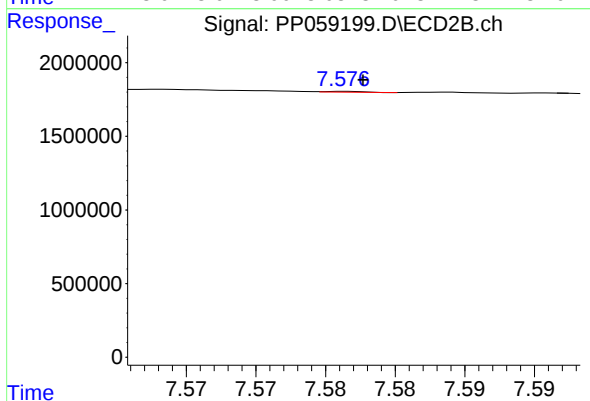
#37 AR-1262-2

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 70929
Conc: 0.60 ng/ml



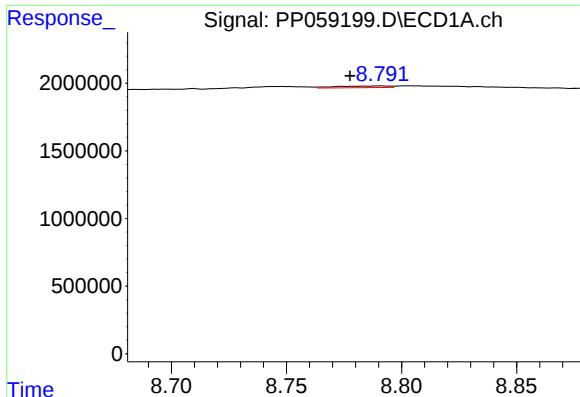
#38 AR-1262-3

R.T.: 8.698 min
Delta R.T.: 0.009 min
Response: 28616
Conc: 0.44 ng/ml



#38 AR-1262-3

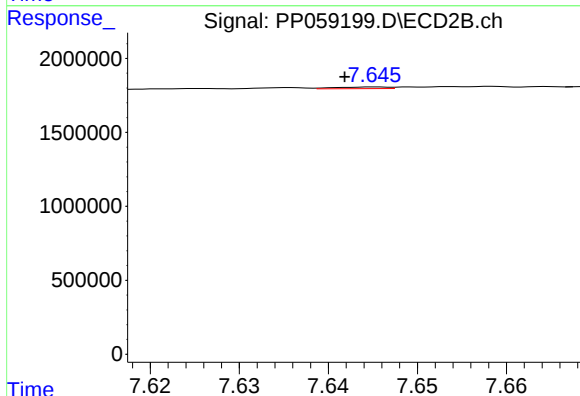
R.T.: 7.577 min
Delta R.T.: -0.001 min
Response: 10426
Conc: 0.12 ng/ml



#39 AR-1262-4

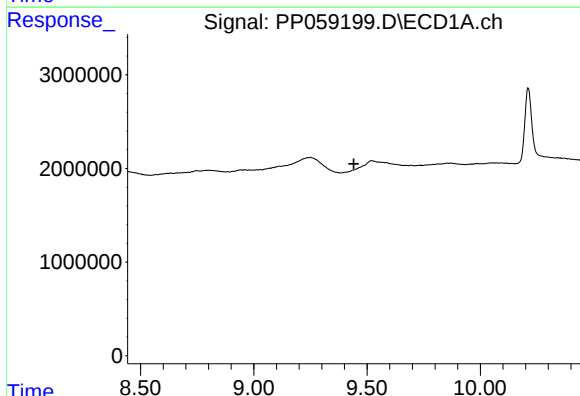
R.T.: 8.791 min
Delta R.T.: 0.013 min
Response: 201605
Conc: 6.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



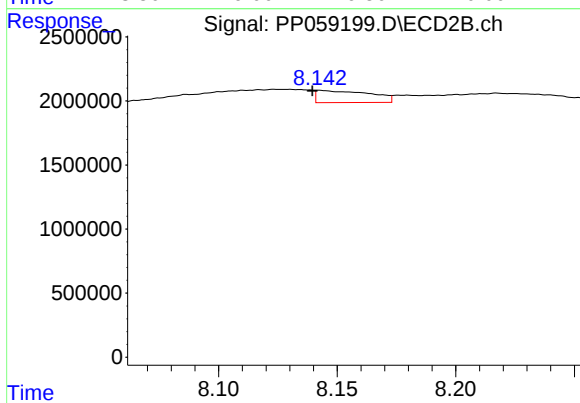
#39 AR-1262-4

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 46714
Conc: 0.31 ng/ml



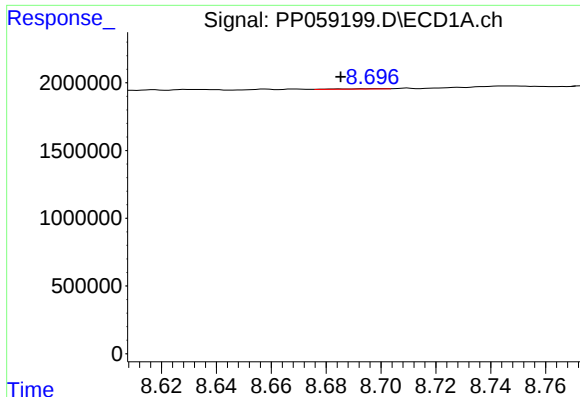
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.442 min
Response: 0
Conc: N.D.



#40 AR-1262-5

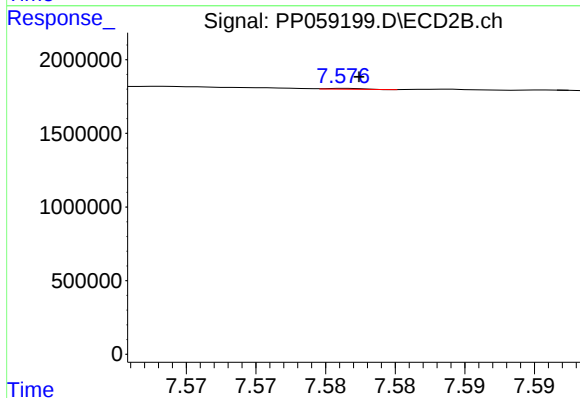
R.T.: 8.142 min
Delta R.T.: 0.003 min
Response: 1500318
Conc: 23.52 ng/ml



#41 AR-1268-1

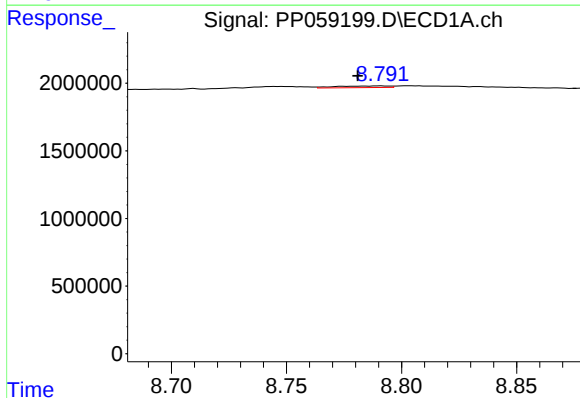
R.T.: 8.698 min
Delta R.T.: 0.013 min
Response: 28616
Conc: 0.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



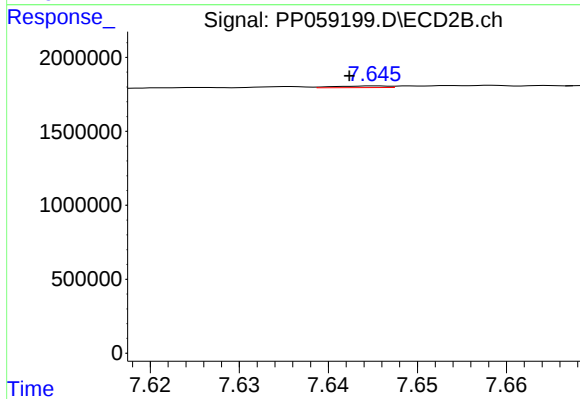
#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 10426
Conc: 0.04 ng/ml



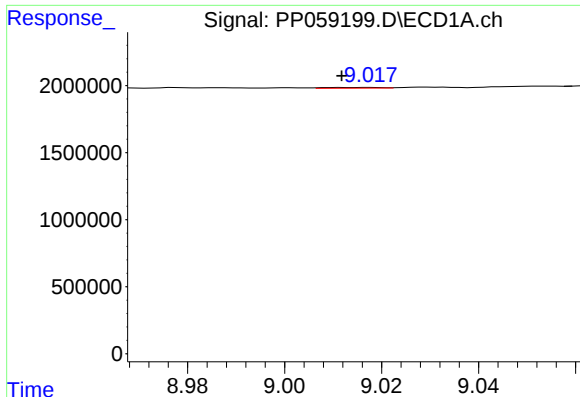
#42 AR-1268-2

R.T.: 8.791 min
Delta R.T.: 0.010 min
Response: 201605
Conc: 2.05 ng/ml



#42 AR-1268-2

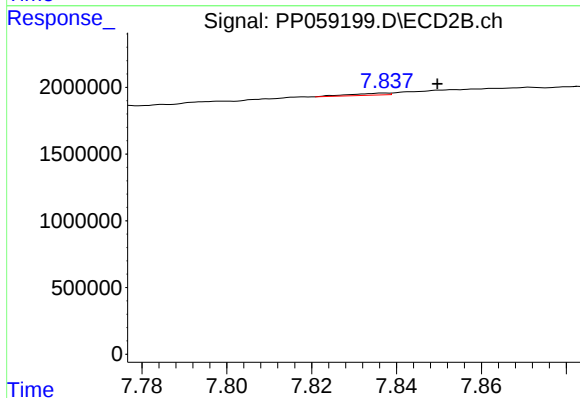
R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 46714
Conc: 0.21 ng/ml



#43 AR-1268-3

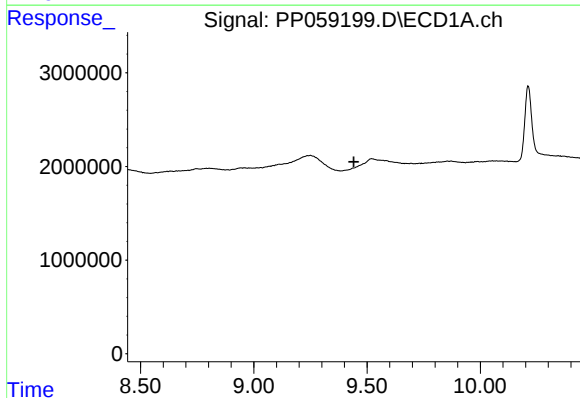
R.T.: 9.011 min
Delta R.T.: 0.000 min
Response: 42727
Conc: 0.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



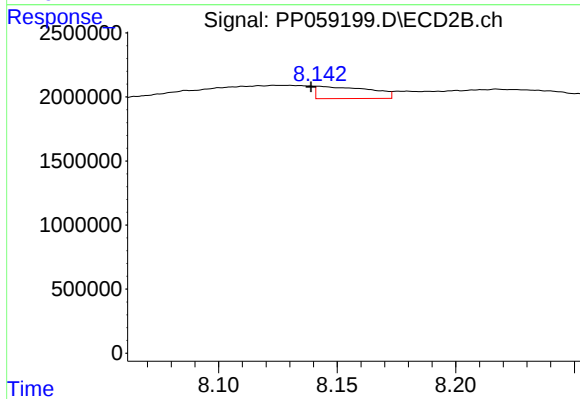
#43 AR-1268-3

R.T.: 7.837 min
Delta R.T.: -0.012 min
Response: 88886
Conc: 0.45 ng/ml



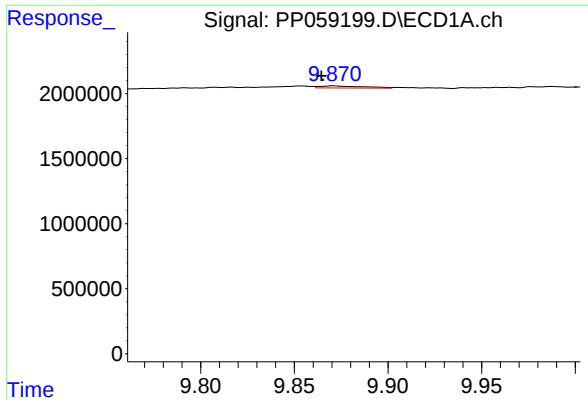
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.442 min
Response: 0
Conc: N.D.



#44 AR-1268-4

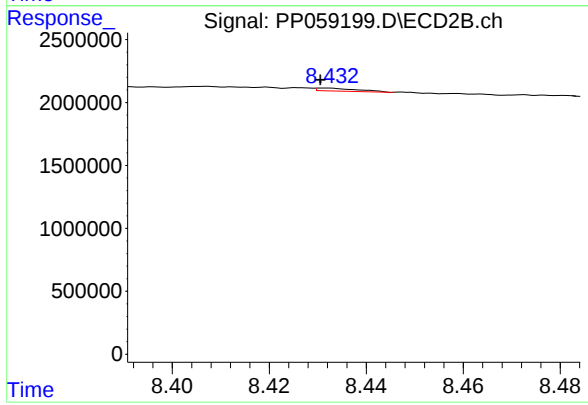
R.T.: 8.142 min
Delta R.T.: 0.003 min
Response: 1500318
Conc: 21.56 ng/ml



#45 AR-1268-5

R.T.: 9.871 min
Delta R.T.: 0.007 min
Response: 266864
Conc: 0.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.432 min
Delta R.T.: 0.001 min
Response: 135696
Conc: 0.26 ng/ml