

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031423\
 Data File : PP056493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 11:03
 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: Mar 14 12:02:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 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...	4.316	3.557	36873428	29139521	23.747	20.651
2)	SA Decachlor...	10.063	8.556	44624477	27505631	22.465	24.606
Target Compounds							
3)	L1 AR-1016-1	5.490	4.650	37184	212192	0.642	5.037 #
4)	L1 AR-1016-2	5.511	4.650	73552	212192	0.859	3.501 #
5)	L1 AR-1016-3	5.565	4.834	240425	31388	4.408	0.970 #
6)	L1 AR-1016-4	5.673	4.883	15672	101601	0.361	3.620 #
7)	L1 AR-1016-5	5.967	0.000	10924	0	0.238	N.D. #
8)	L2 AR-1221-1	4.528	3.769	47776	22236	2.385	1.279 #
9)	L2 AR-1221-2	4.624	3.855	600022	464740	39.490	35.965
10)	L2 AR-1221-3	4.688	3.932	67659	62866	1.455	1.550
11)	L3 AR-1232-1	4.688	3.932	67659	62866	1.745	1.910
12)	L3 AR-1232-2	5.220	4.650	21267	212192	1.051	7.653 #
13)	L3 AR-1232-3	5.511	4.834	73552	31388	1.888	2.216
14)	L3 AR-1232-4	5.673	4.924	15672	24461	0.801	1.722 #
15)	L3 AR-1232-5	5.758	0.000	38539	0	2.433	N.D. #
16)	L4 AR-1242-1	5.490	4.650	37184	212192	0.763	6.000 #
17)	L4 AR-1242-2	5.511	4.650	73552	212192	1.031	4.176 #
18)	L4 AR-1242-3	5.565	4.834	240425	31388	5.281	1.163 #
19)	L4 AR-1242-4	5.673	4.924	15672	24461	0.438	0.835 #
20)	L4 AR-1242-5	6.406	5.463f	45363	229063	1.061	7.100 #
21)	L5 AR-1248-1	5.490	4.650	37184	212192	1.044	8.173 #
22)	L5 AR-1248-2	5.758	4.883	38539	101601	0.690	2.612 #
23)	L5 AR-1248-3	5.967	4.913	10924	15063	0.180	0.369 #
24)	L5 AR-1248-4	6.383	0.000	189718	0	2.747	N.D. #
25)	L5 AR-1248-5	6.418	5.463f	38469	229063	0.566	5.547 #
26)	L6 AR-1254-1	6.346	5.463f	122964	229063	1.629	3.192 #
27)	L6 AR-1254-2	6.569	5.589	206347	285406	1.778	4.680 #
28)	L6 AR-1254-3	6.934	5.987	508012	736666	4.143	7.958 #
29)	L6 AR-1254-4	7.217	6.215	1386619	1545920	15.269	28.677 #
30)	L6 AR-1254-5	7.638	6.636	5268539	3902934	50.962	49.939
31)	L7 AR-1260-1	7.099	6.113	1055305	778825	10.709	11.425
32)	L7 AR-1260-2	7.353	6.305	1458875	1226778	12.577	16.037 #
33)	L7 AR-1260-3	7.720	6.453	25452	388307	0.297	5.370 #
34)	L7 AR-1260-4	7.927f	0.000	2683864	0	27.147	N.D. #
35)	L7 AR-1260-5	8.259	7.177	1287954	1592388	6.445	12.462 #
36)	L8 AR-1262-1	7.720	6.706f	25452	510540	0.213	15.533 #
37)	L8 AR-1262-2	8.259	0.000	1287954	0	5.901	N.D. #
38)	L8 AR-1262-3	8.582	7.462	1023531	202836	6.699	3.725 #
39)	L8 AR-1262-4	8.659	7.523	106658	1600122	1.327	16.550 #
40)	L8 AR-1262-5	9.313	8.030	17741	221704	0.214	4.934 #
41)	L9 AR-1268-1	8.582f	7.462	1023531	202836	3.714	1.202 #

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 Acq On : 14 Mar 2023 11:03
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

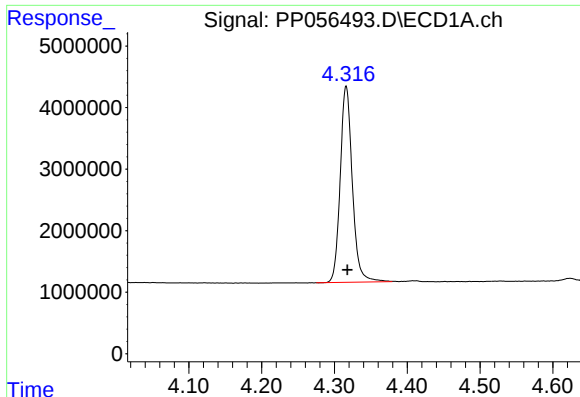
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 12:02:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.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	8.659	7.523	106658	1600122	0.414	10.700 #
43) L9	AR-1268-3	8.888	7.738	52623	80156	0.230	0.590 #
44) L9	AR-1268-4	9.313	8.030	17741	221704	0.190	4.344 #
45) L9	AR-1268-5	9.722	8.314	80975	225211	0.112	0.579 #

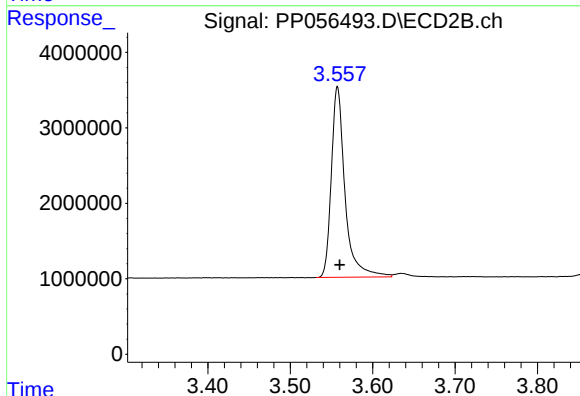
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

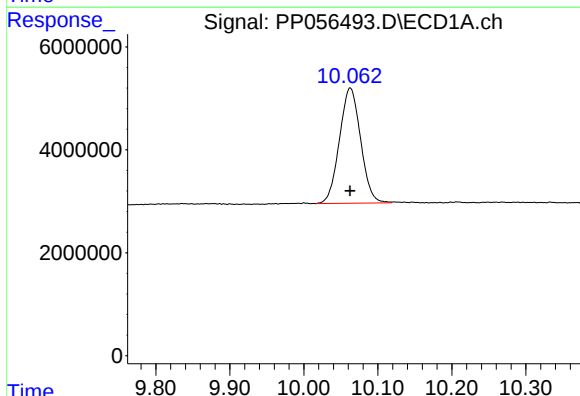
R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 36873428
Conc: 23.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



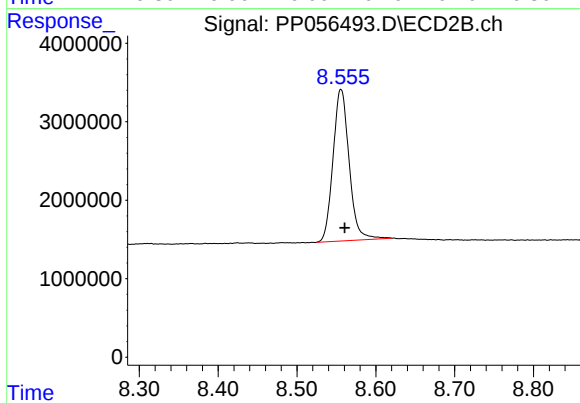
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: -0.003 min
Response: 29139521
Conc: 20.65 ng/ml



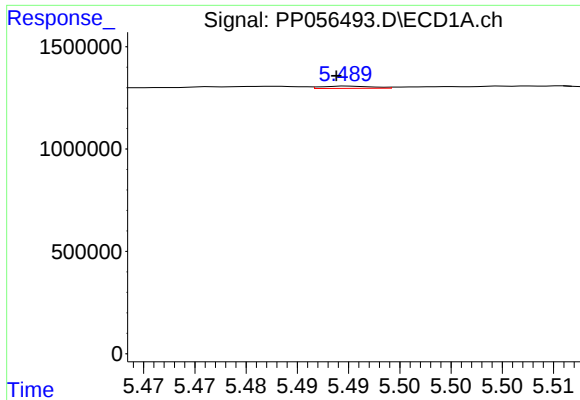
#2 Decachlorobiphenyl

R.T.: 10.063 min
Delta R.T.: 0.000 min
Response: 44624477
Conc: 22.47 ng/ml



#2 Decachlorobiphenyl

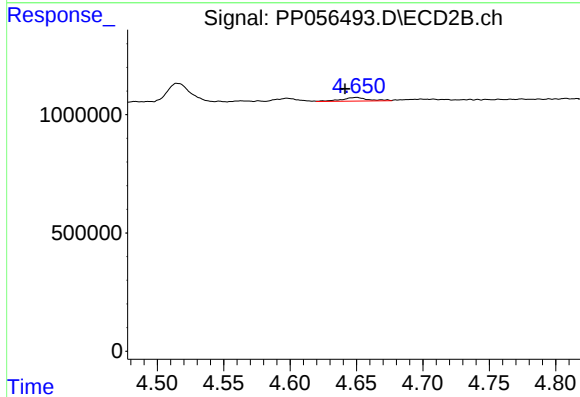
R.T.: 8.556 min
Delta R.T.: -0.005 min
Response: 27505631
Conc: 24.61 ng/ml



#3 AR-1016-1

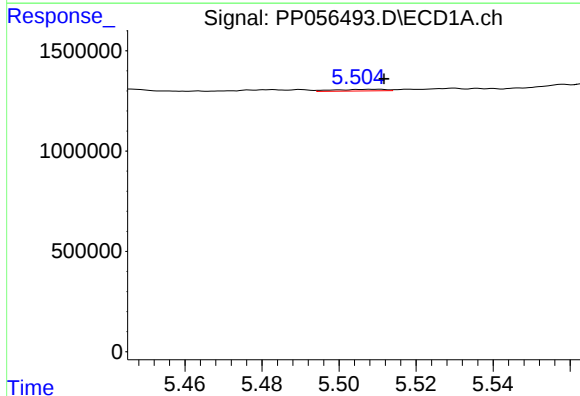
R.T.: 5.490 min
Delta R.T.: 0.001 min
Response: 37184
Conc: 0.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



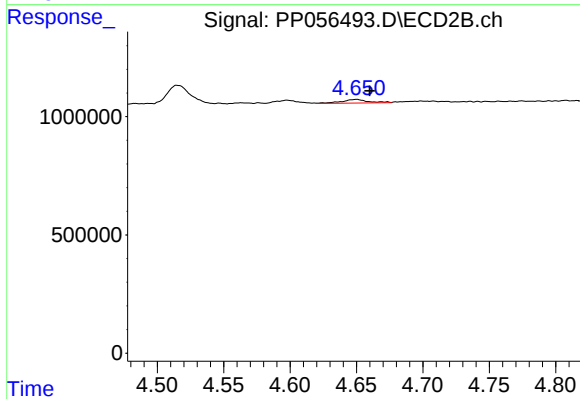
#3 AR-1016-1

R.T.: 4.650 min
Delta R.T.: 0.008 min
Response: 212192
Conc: 5.04 ng/ml



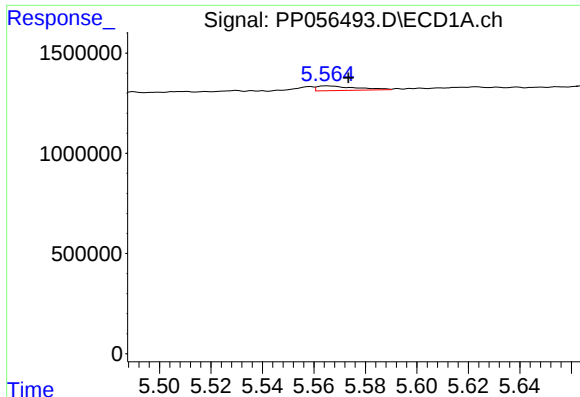
#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 73552
Conc: 0.86 ng/ml



#4 AR-1016-2

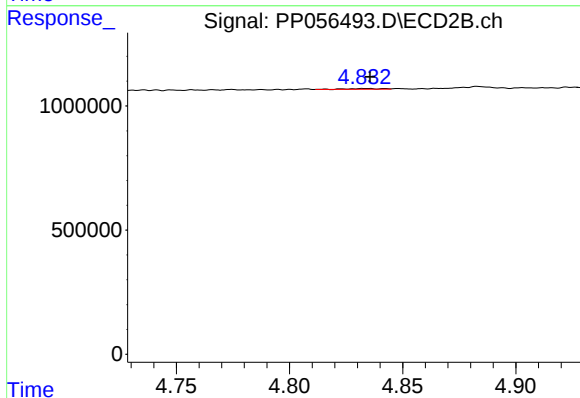
R.T.: 4.650 min
Delta R.T.: -0.010 min
Response: 212192
Conc: 3.50 ng/ml



#5 AR-1016-3

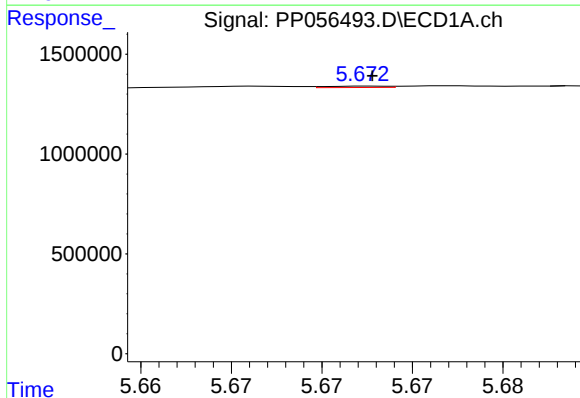
R.T.: 5.565 min
Delta R.T.: -0.009 min
Response: 240425
Conc: 4.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



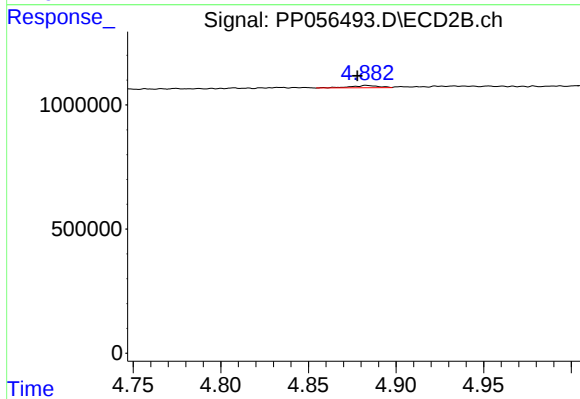
#5 AR-1016-3

R.T.: 4.834 min
Delta R.T.: -0.002 min
Response: 31388
Conc: 0.97 ng/ml



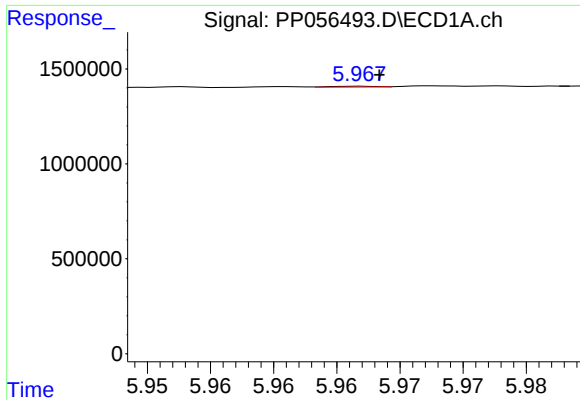
#6 AR-1016-4

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 15672
Conc: 0.36 ng/ml



#6 AR-1016-4

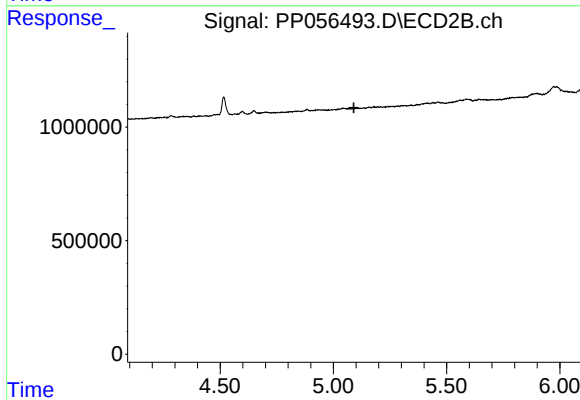
R.T.: 4.883 min
Delta R.T.: 0.005 min
Response: 101601
Conc: 3.62 ng/ml



#7 AR-1016-5

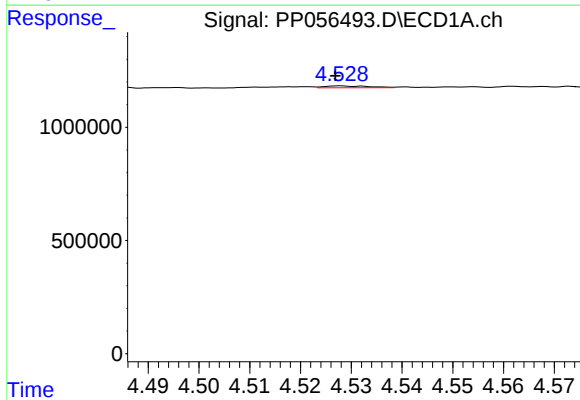
R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 10924
Conc: 0.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



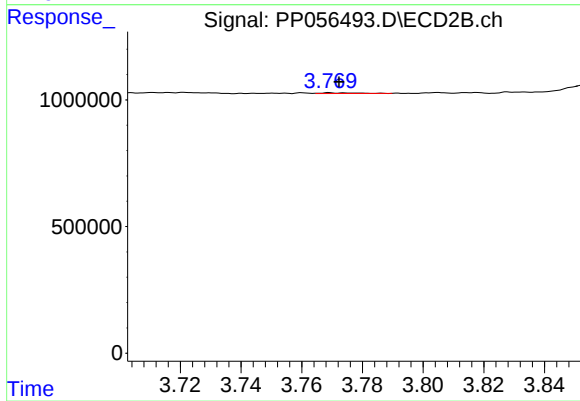
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.091 min
Response: 0
Conc: N.D.



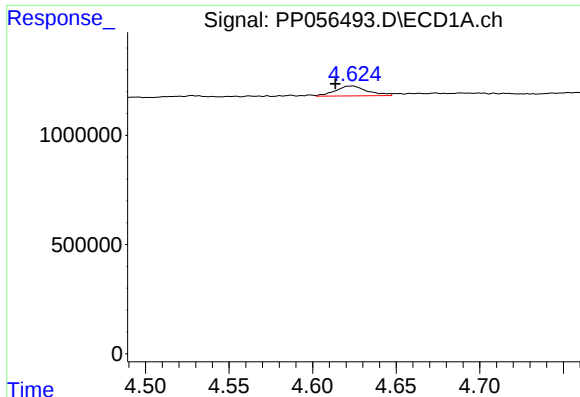
#8 AR-1221-1

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 47776
Conc: 2.39 ng/ml



#8 AR-1221-1

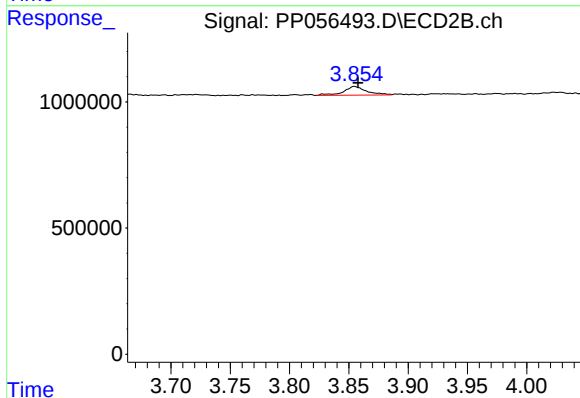
R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 22236
Conc: 1.28 ng/ml



#9 AR-1221-2

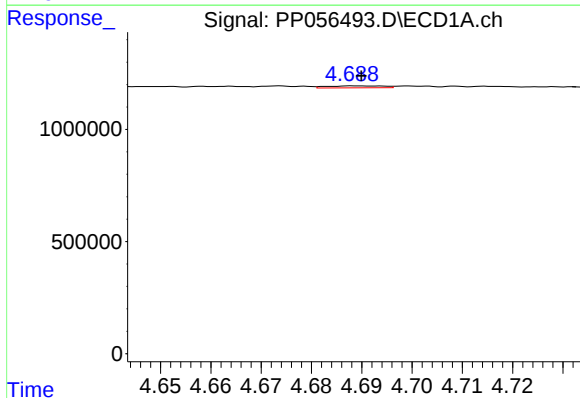
R.T.: 4.624 min
Delta R.T.: 0.010 min
Response: 600022
Conc: 39.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



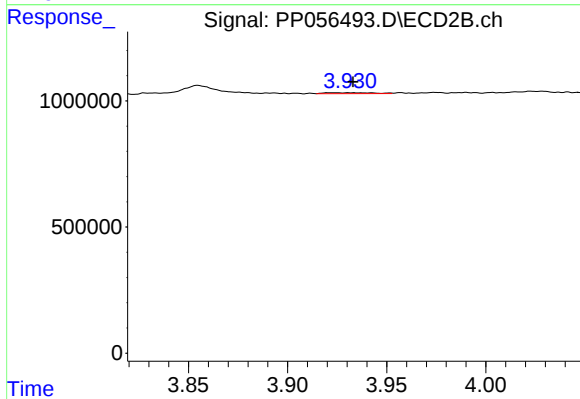
#9 AR-1221-2

R.T.: 3.855 min
Delta R.T.: -0.003 min
Response: 464740
Conc: 35.96 ng/ml



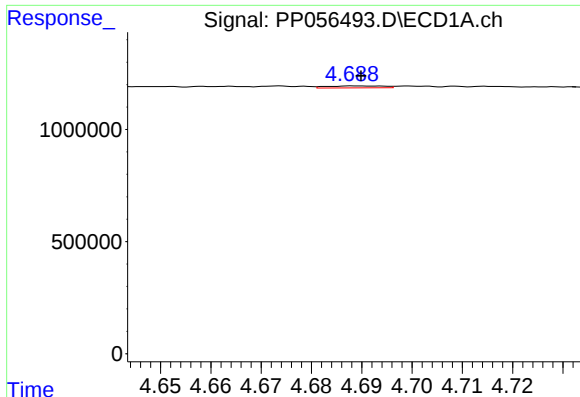
#10 AR-1221-3

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 67659
Conc: 1.45 ng/ml



#10 AR-1221-3

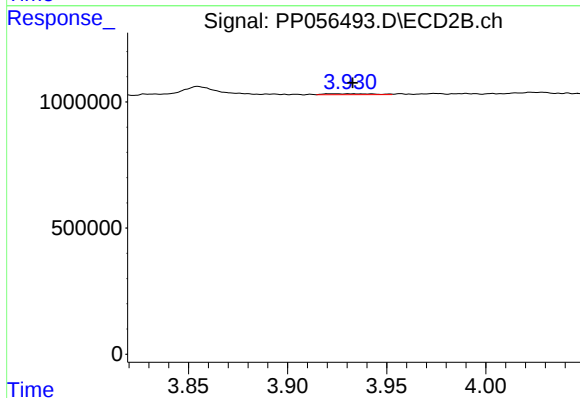
R.T.: 3.932 min
Delta R.T.: -0.001 min
Response: 62866
Conc: 1.55 ng/ml



#11 AR-1232-1

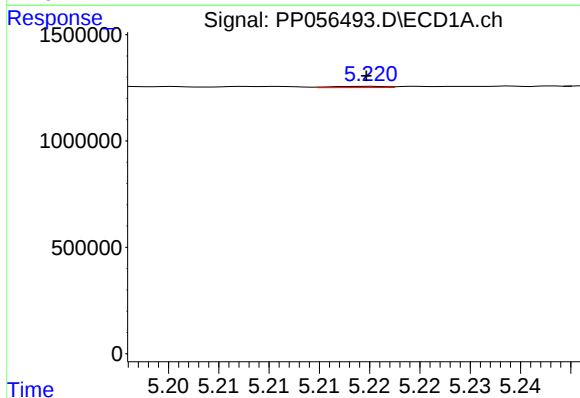
R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 67659
Conc: 1.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



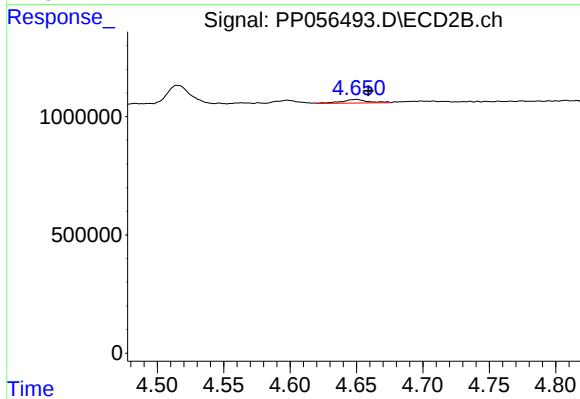
#11 AR-1232-1

R.T.: 3.932 min
Delta R.T.: -0.001 min
Response: 62866
Conc: 1.91 ng/ml



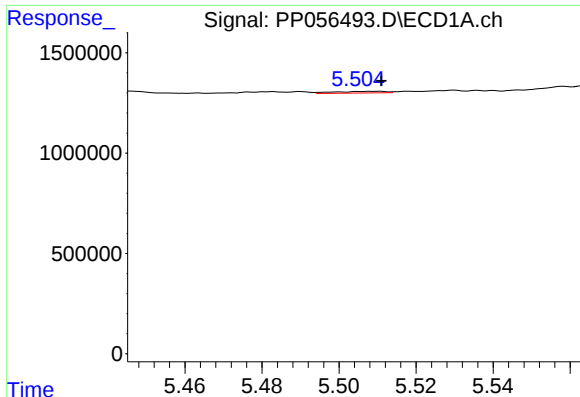
#12 AR-1232-2

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 21267
Conc: 1.05 ng/ml



#12 AR-1232-2

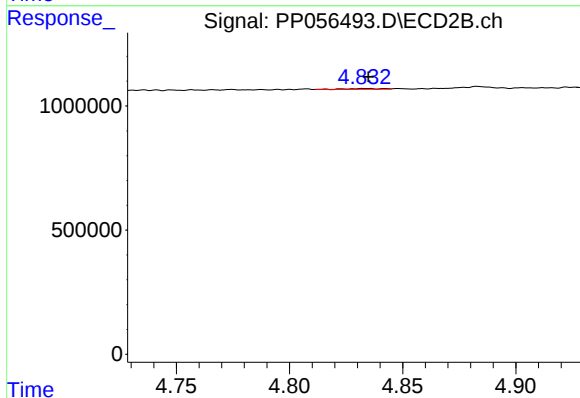
R.T.: 4.650 min
Delta R.T.: -0.009 min
Response: 212192
Conc: 7.65 ng/ml



#13 AR-1232-3

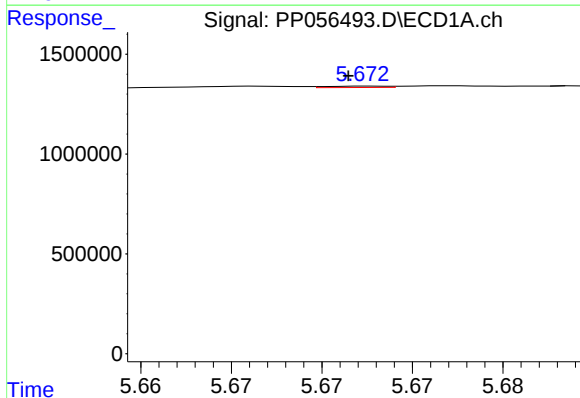
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 73552
Conc: 1.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



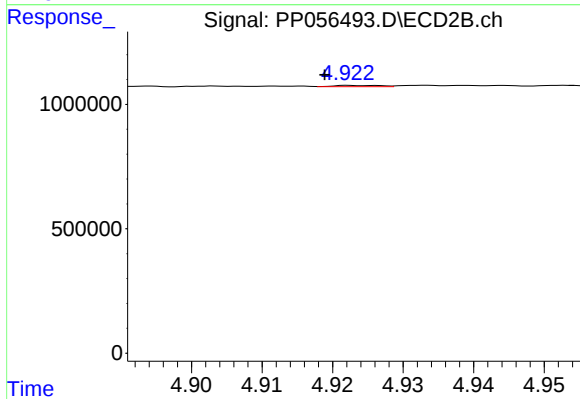
#13 AR-1232-3

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 31388
Conc: 2.22 ng/ml



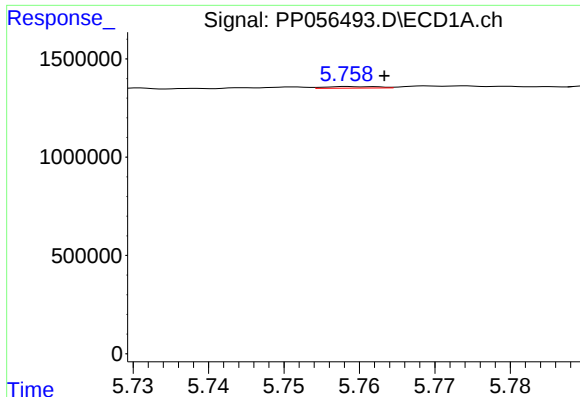
#14 AR-1232-4

R.T.: 5.673 min
Delta R.T.: 0.001 min
Response: 15672
Conc: 0.80 ng/ml



#14 AR-1232-4

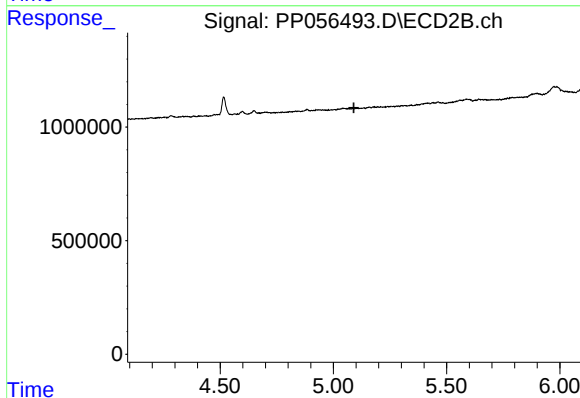
R.T.: 4.924 min
Delta R.T.: 0.005 min
Response: 24461
Conc: 1.72 ng/ml



#15 AR-1232-5

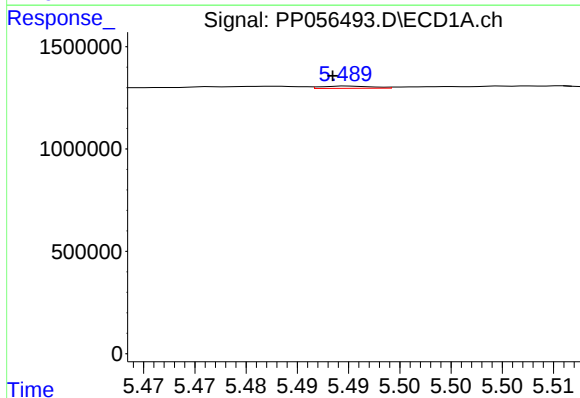
R.T.: 5.758 min
Delta R.T.: -0.005 min
Response: 38539
Conc: 2.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



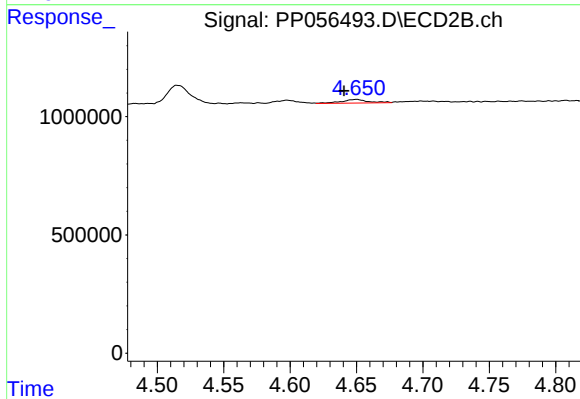
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.091 min
Response: 0
Conc: N.D.



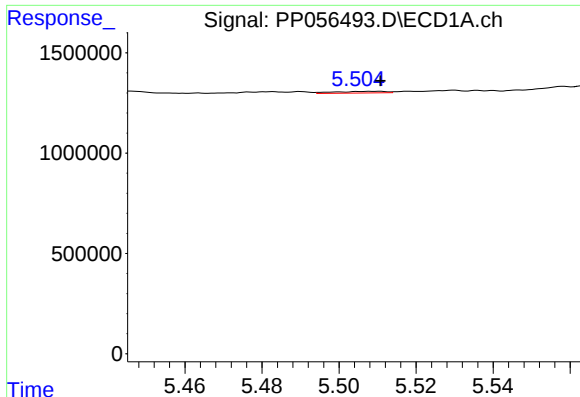
#16 AR-1242-1

R.T.: 5.490 min
Delta R.T.: 0.002 min
Response: 37184
Conc: 0.76 ng/ml



#16 AR-1242-1

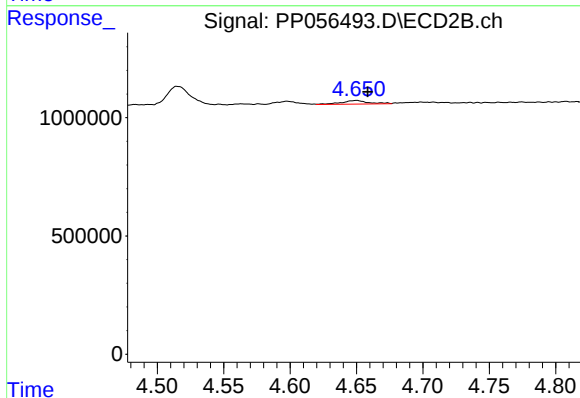
R.T.: 4.650 min
Delta R.T.: 0.009 min
Response: 212192
Conc: 6.00 ng/ml



#17 AR-1242-2

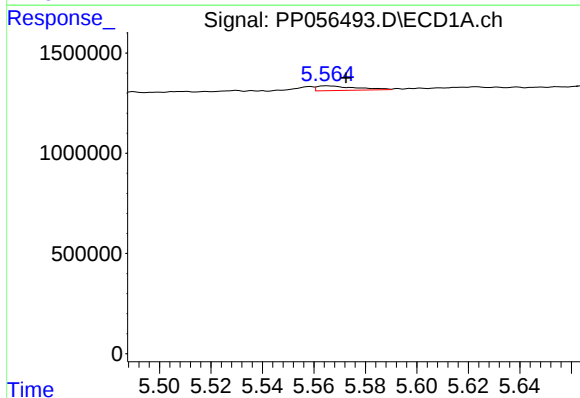
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 73552
Conc: 1.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



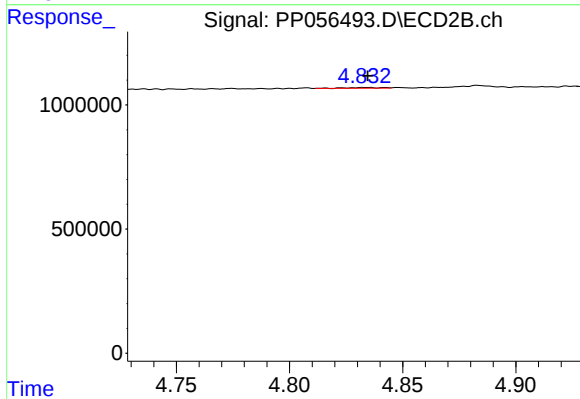
#17 AR-1242-2

R.T.: 4.650 min
Delta R.T.: -0.009 min
Response: 212192
Conc: 4.18 ng/ml



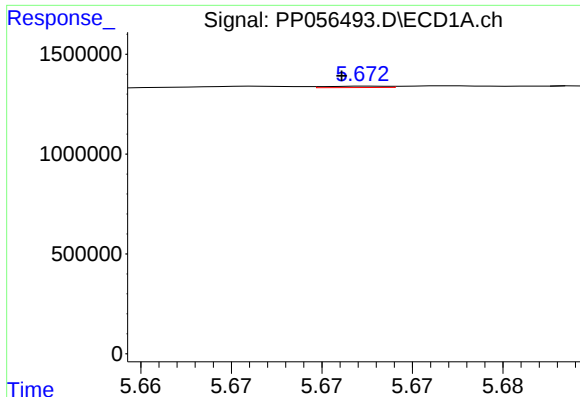
#18 AR-1242-3

R.T.: 5.565 min
Delta R.T.: -0.008 min
Response: 240425
Conc: 5.28 ng/ml



#18 AR-1242-3

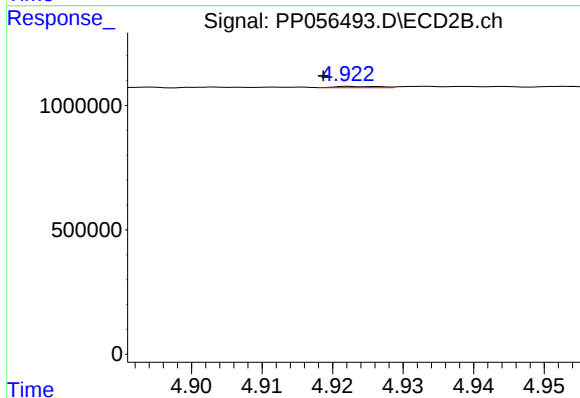
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 31388
Conc: 1.16 ng/ml



#19 AR-1242-4

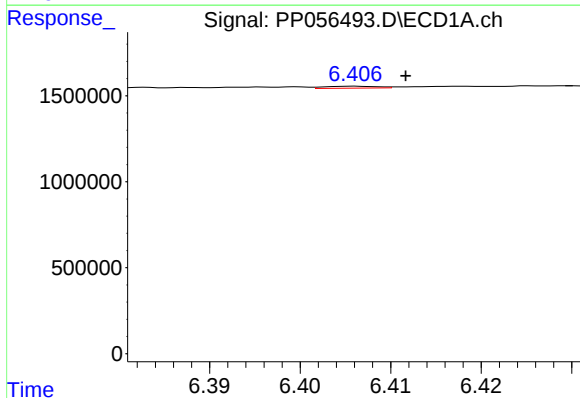
R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 15672
Conc: 0.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



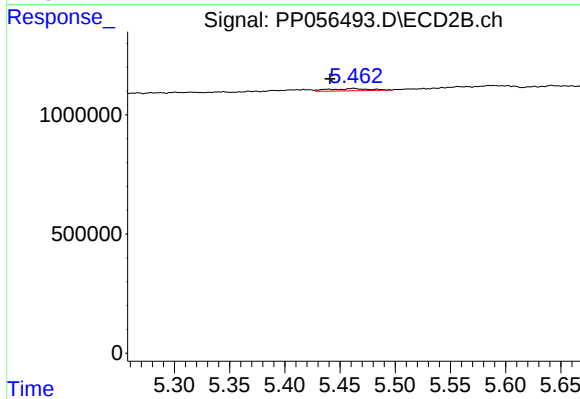
#19 AR-1242-4

R.T.: 4.924 min
Delta R.T.: 0.005 min
Response: 24461
Conc: 0.83 ng/ml



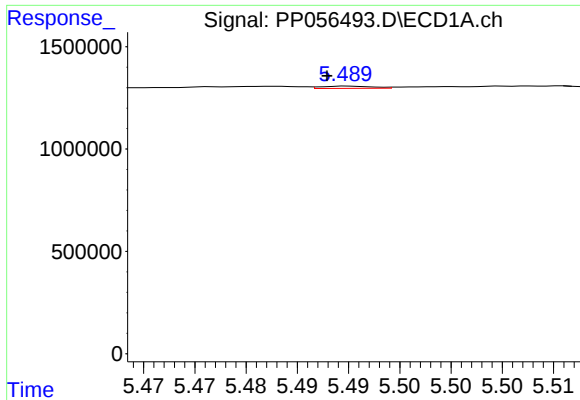
#20 AR-1242-5

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 45363
Conc: 1.06 ng/ml



#20 AR-1242-5

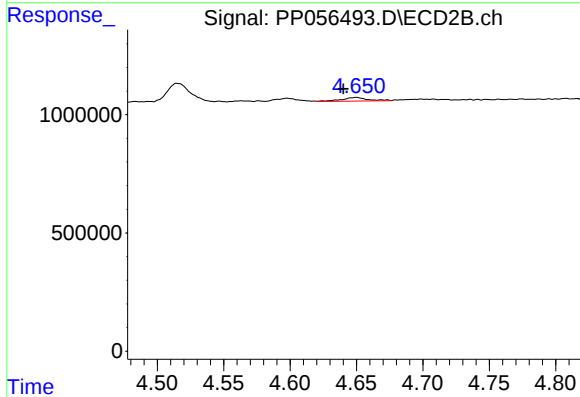
R.T.: 5.463 min
Delta R.T.: 0.022 min
Response: 229063
Conc: 7.10 ng/ml



#21 AR-1248-1

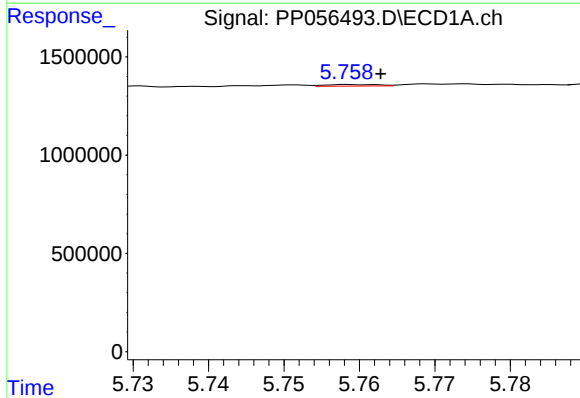
R.T.: 5.490 min
Delta R.T.: 0.002 min
Response: 37184
Conc: 1.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



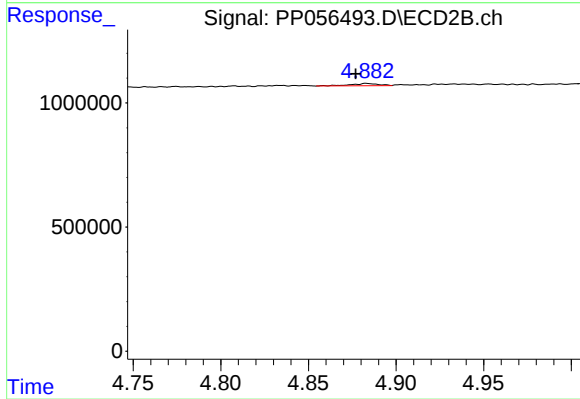
#21 AR-1248-1

R.T.: 4.650 min
Delta R.T.: 0.010 min
Response: 212192
Conc: 8.17 ng/ml



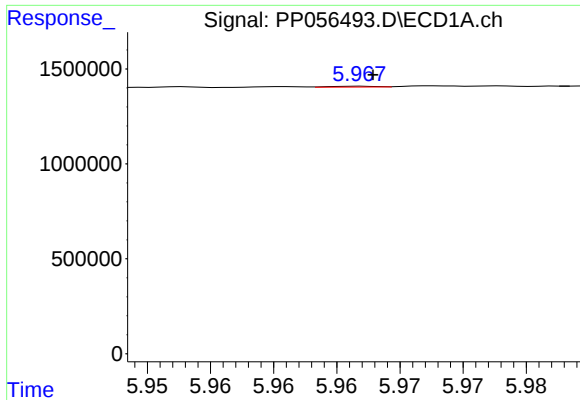
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: -0.004 min
Response: 38539
Conc: 0.69 ng/ml



#22 AR-1248-2

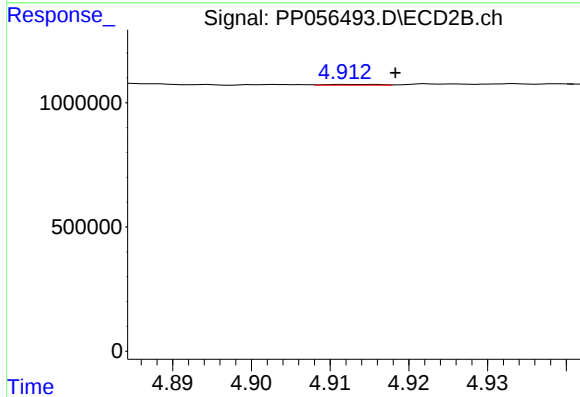
R.T.: 4.883 min
Delta R.T.: 0.006 min
Response: 101601
Conc: 2.61 ng/ml



#23 AR-1248-3

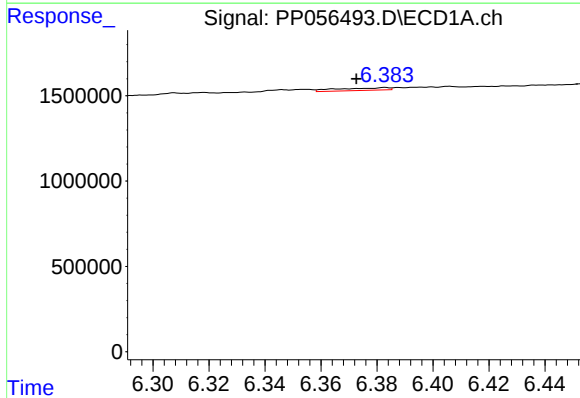
R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 10924
Conc: 0.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



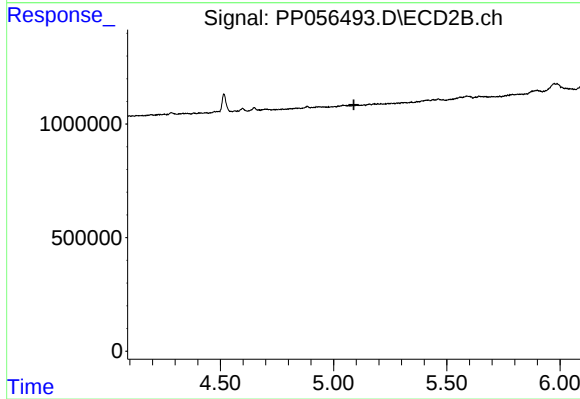
#23 AR-1248-3

R.T.: 4.913 min
Delta R.T.: -0.005 min
Response: 15063
Conc: 0.37 ng/ml



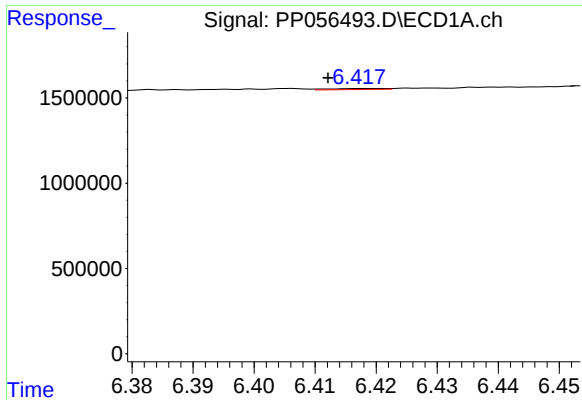
#24 AR-1248-4

R.T.: 6.383 min
Delta R.T.: 0.010 min
Response: 189718
Conc: 2.75 ng/ml



#24 AR-1248-4

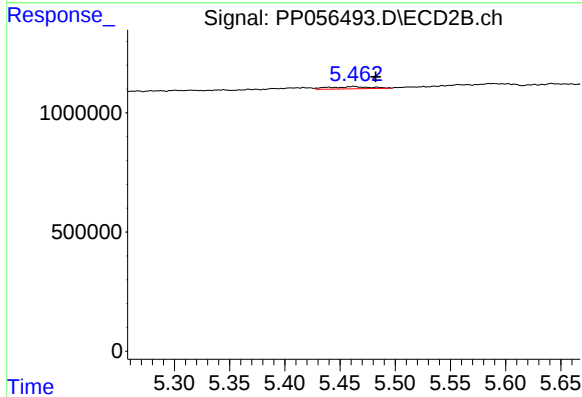
R.T.: 0.000 min
Exp R.T.: 5.090 min
Response: 0
Conc: N.D.



#25 AR-1248-5

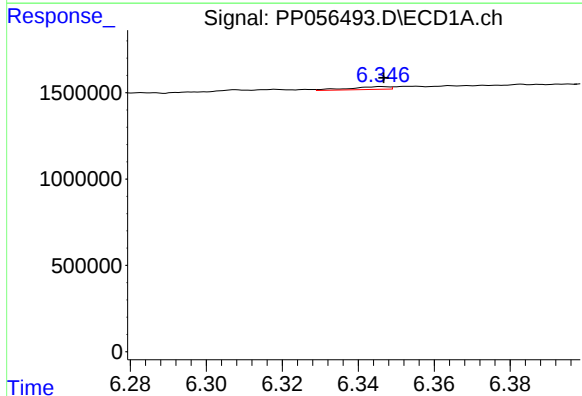
R.T.: 6.418 min
Delta R.T.: 0.006 min
Response: 38469
Conc: 0.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



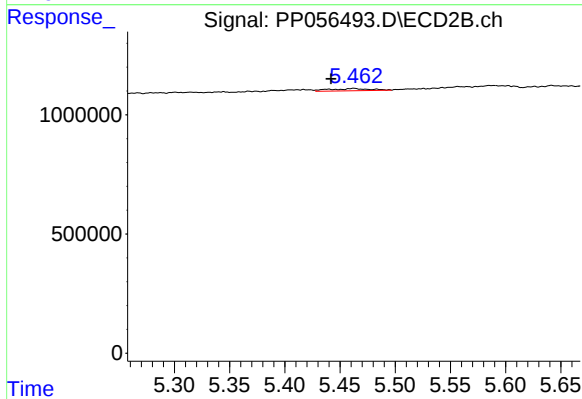
#25 AR-1248-5

R.T.: 5.463 min
Delta R.T.: -0.019 min
Response: 229063
Conc: 5.55 ng/ml



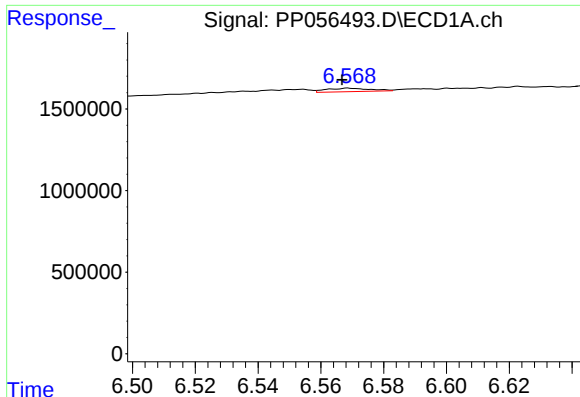
#26 AR-1254-1

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 122964
Conc: 1.63 ng/ml



#26 AR-1254-1

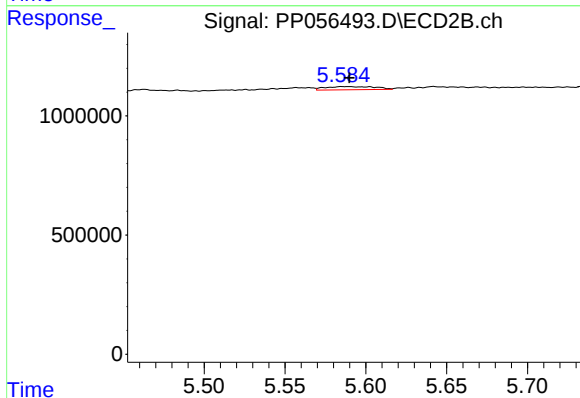
R.T.: 5.463 min
Delta R.T.: 0.021 min
Response: 229063
Conc: 3.19 ng/ml



#27 AR-1254-2

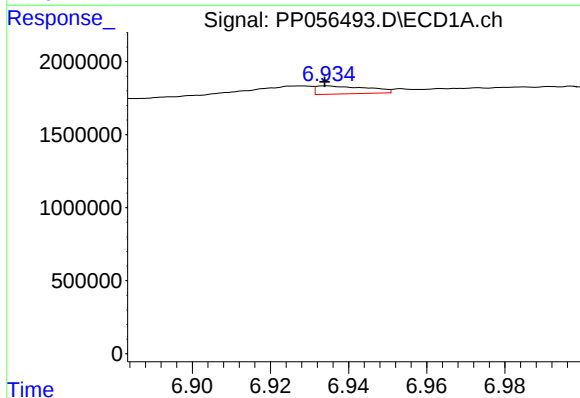
R.T.: 6.569 min
Delta R.T.: 0.002 min
Response: 206347
Conc: 1.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



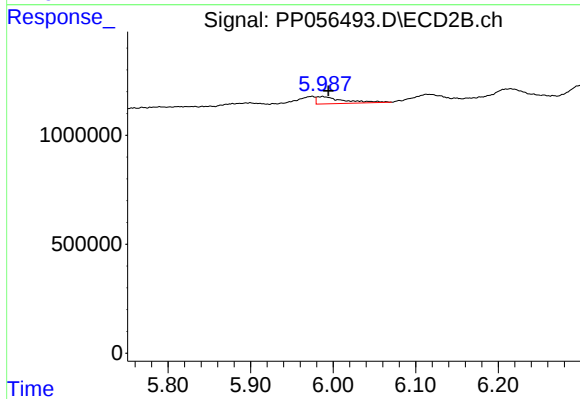
#27 AR-1254-2

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 285406
Conc: 4.68 ng/ml



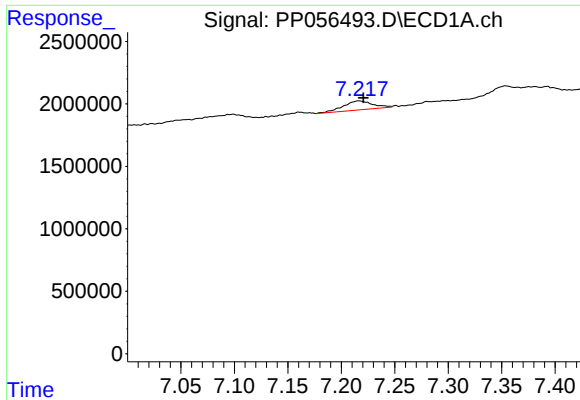
#28 AR-1254-3

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 508012
Conc: 4.14 ng/ml



#28 AR-1254-3

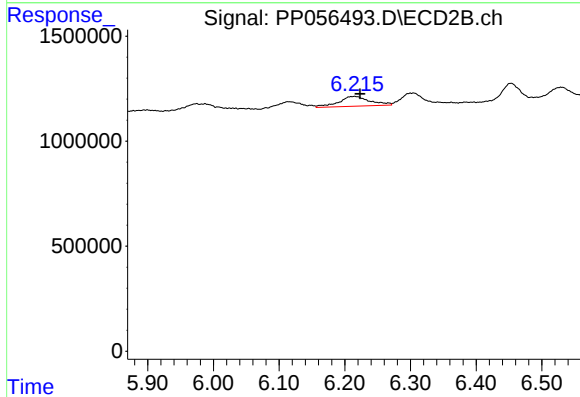
R.T.: 5.987 min
Delta R.T.: -0.007 min
Response: 736666
Conc: 7.96 ng/ml



#29 AR-1254-4

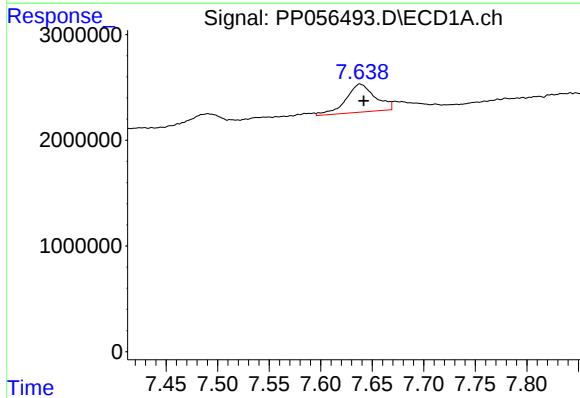
R.T.: 7.217 min
Delta R.T.: -0.004 min
Response: 1386619
Conc: 15.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



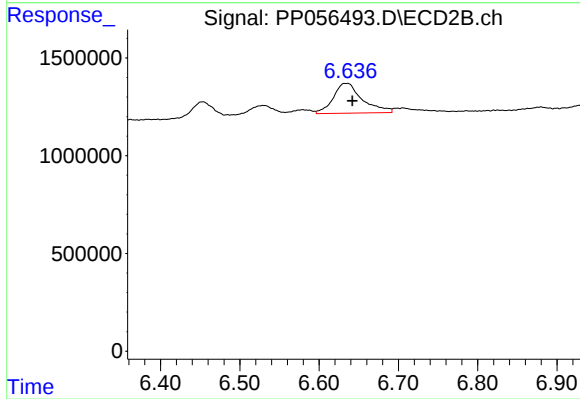
#29 AR-1254-4

R.T.: 6.215 min
Delta R.T.: -0.009 min
Response: 1545920
Conc: 28.68 ng/ml



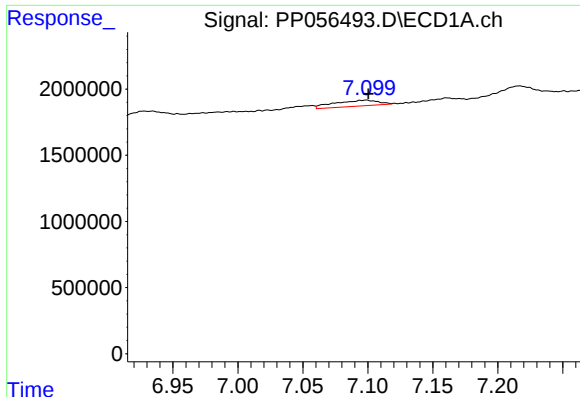
#30 AR-1254-5

R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 5268539
Conc: 50.96 ng/ml



#30 AR-1254-5

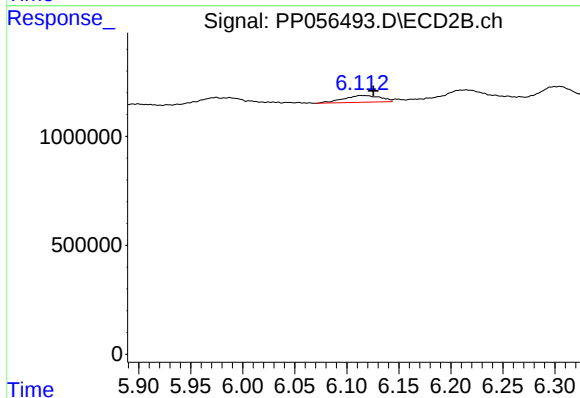
R.T.: 6.636 min
Delta R.T.: -0.006 min
Response: 3902934
Conc: 49.94 ng/ml



#31 AR-1260-1

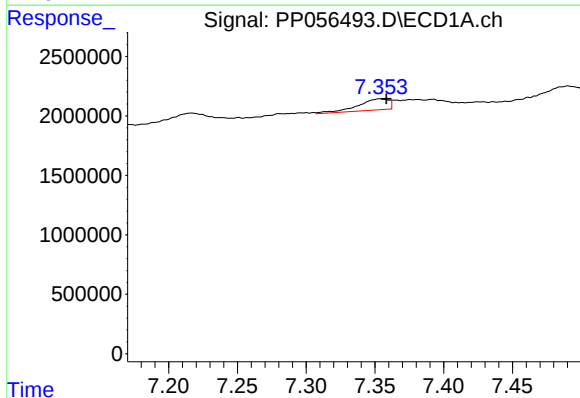
R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 1055305
Conc: 10.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



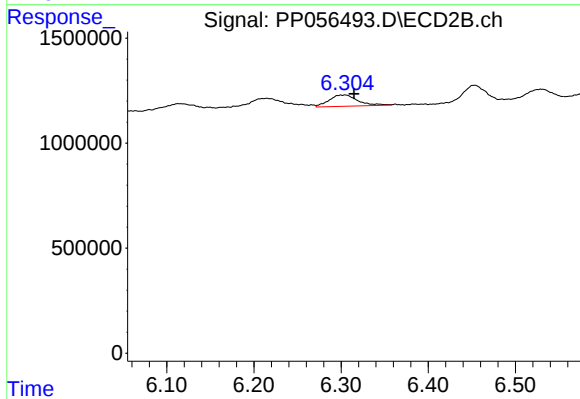
#31 AR-1260-1

R.T.: 6.113 min
Delta R.T.: -0.012 min
Response: 778825
Conc: 11.42 ng/ml



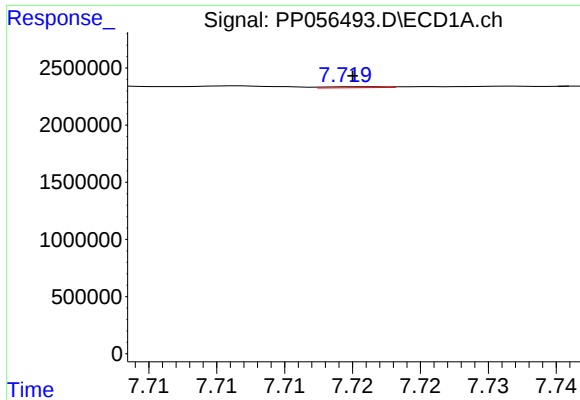
#32 AR-1260-2

R.T.: 7.353 min
Delta R.T.: -0.005 min
Response: 1458875
Conc: 12.58 ng/ml



#32 AR-1260-2

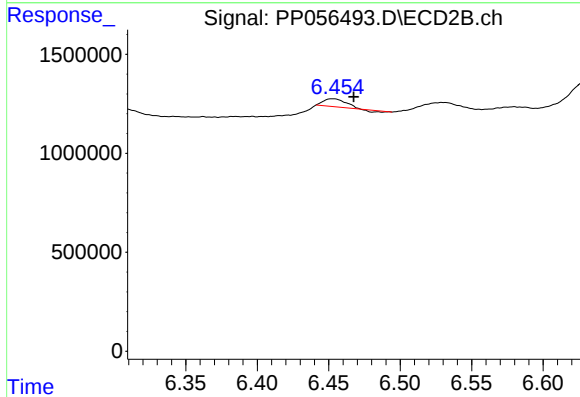
R.T.: 6.305 min
Delta R.T.: -0.010 min
Response: 1226778
Conc: 16.04 ng/ml



#33 AR-1260-3

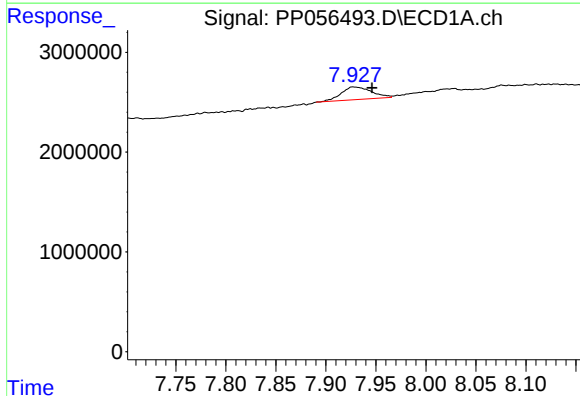
R.T.: 7.720 min
Delta R.T.: 0.000 min
Response: 25452
Conc: 0.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



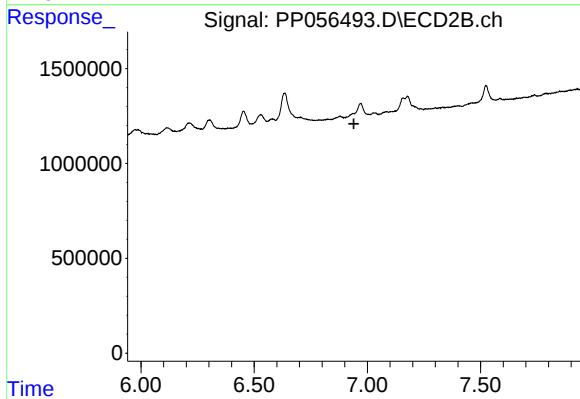
#33 AR-1260-3

R.T.: 6.453 min
Delta R.T.: -0.015 min
Response: 388307
Conc: 5.37 ng/ml



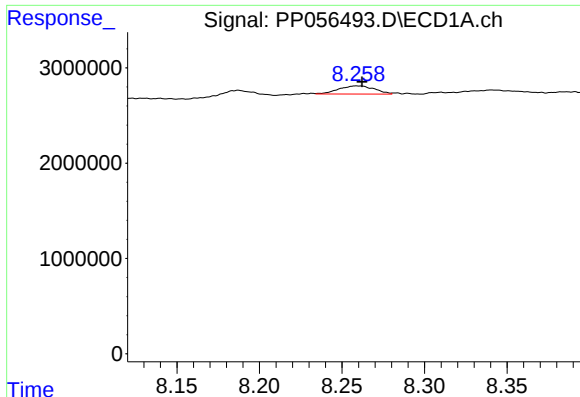
#34 AR-1260-4

R.T.: 7.927 min
Delta R.T.: -0.019 min
Response: 2683864
Conc: 27.15 ng/ml



#34 AR-1260-4

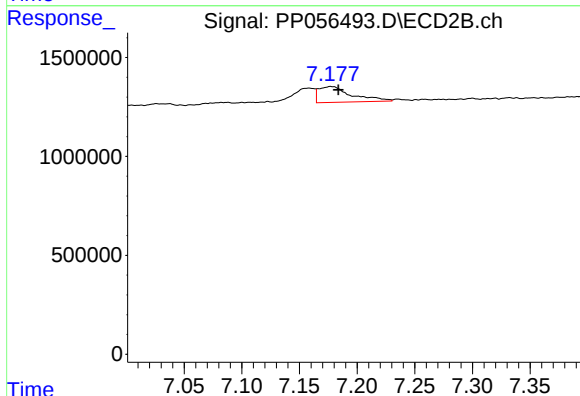
R.T.: 0.000 min
Exp R.T.: 6.940 min
Response: 0
Conc: N.D.



#35 AR-1260-5

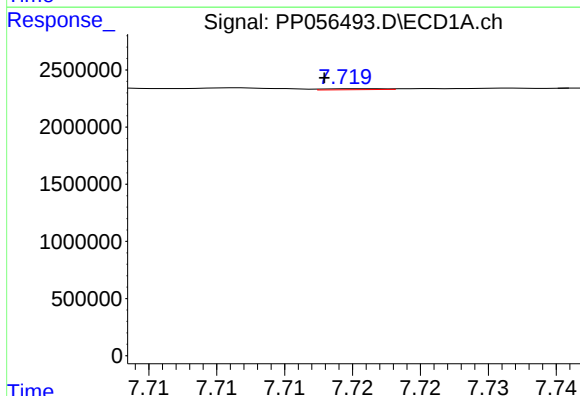
R.T.: 8.259 min
Delta R.T.: -0.004 min
Response: 1287954
Conc: 6.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



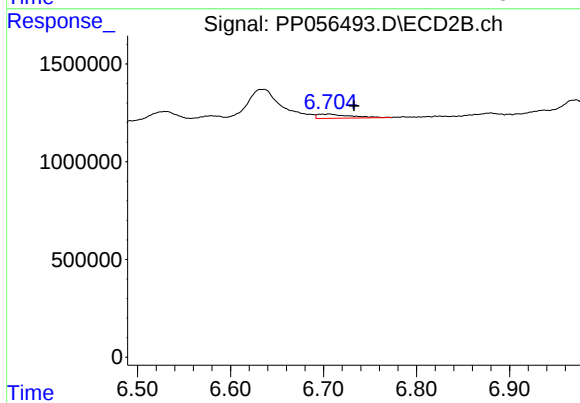
#35 AR-1260-5

R.T.: 7.177 min
Delta R.T.: -0.007 min
Response: 1592388
Conc: 12.46 ng/ml



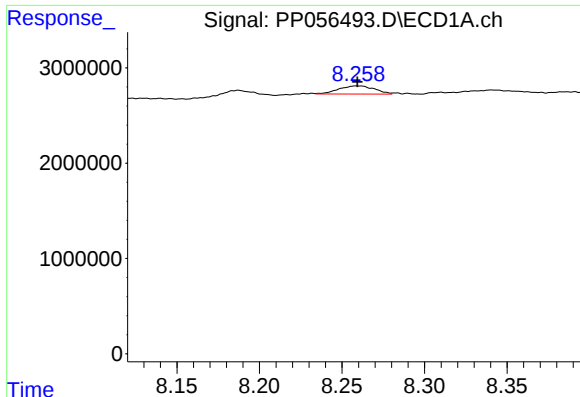
#36 AR-1262-1

R.T.: 7.720 min
Delta R.T.: 0.002 min
Response: 25452
Conc: 0.21 ng/ml



#36 AR-1262-1

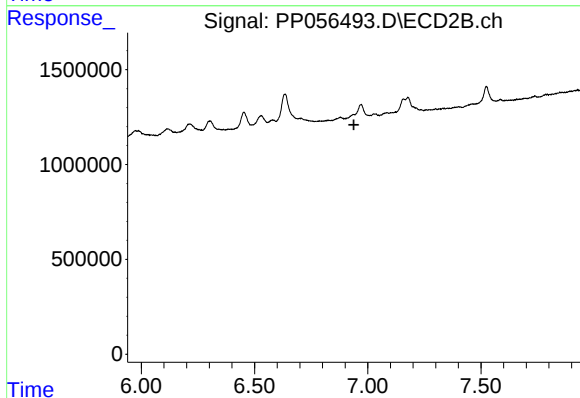
R.T.: 6.706 min
Delta R.T.: -0.027 min
Response: 510540
Conc: 15.53 ng/ml



#37 AR-1262-2

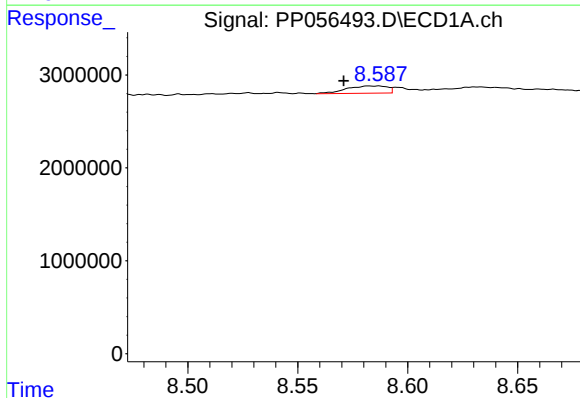
R.T.: 8.259 min
Delta R.T.: 0.000 min
Response: 1287954
Conc: 5.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



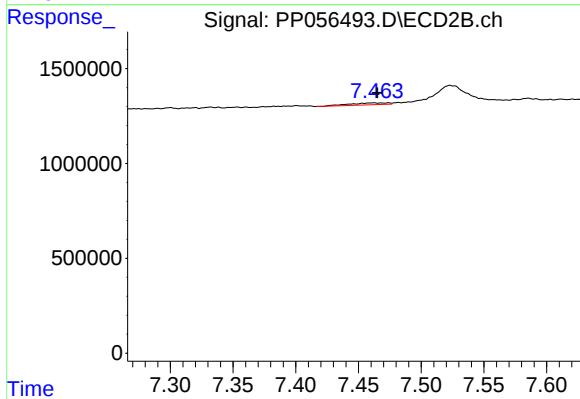
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.939 min
Response: 0
Conc: N.D.



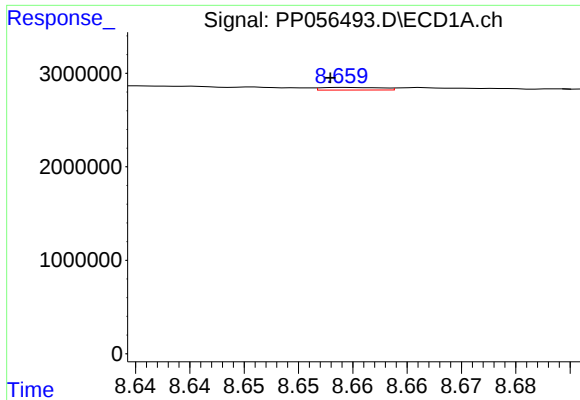
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.011 min
Response: 1023531
Conc: 6.70 ng/ml



#38 AR-1262-3

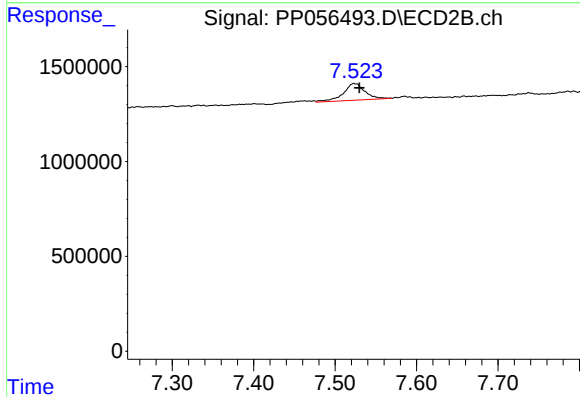
R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 202836
Conc: 3.72 ng/ml



#39 AR-1262-4

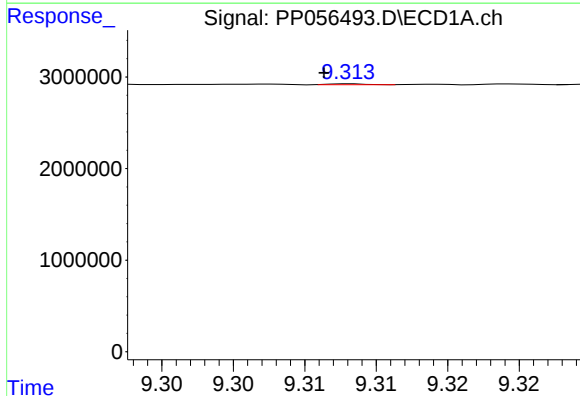
R.T.: 8.659 min
Delta R.T.: 0.001 min
Response: 106658
Conc: 1.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



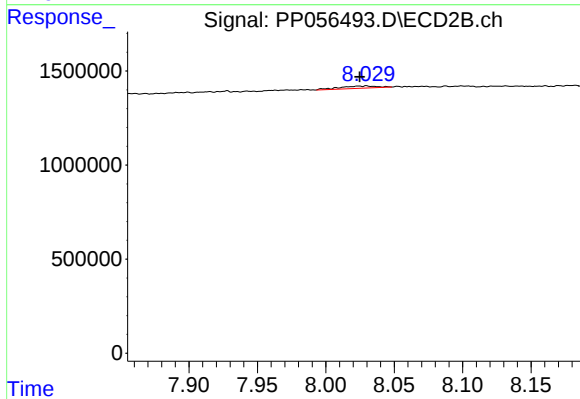
#39 AR-1262-4

R.T.: 7.523 min
Delta R.T.: -0.006 min
Response: 1600122
Conc: 16.55 ng/ml



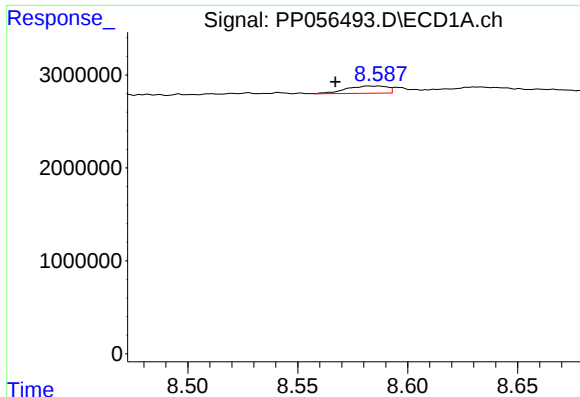
#40 AR-1262-5

R.T.: 9.313 min
Delta R.T.: 0.002 min
Response: 17741
Conc: 0.21 ng/ml



#40 AR-1262-5

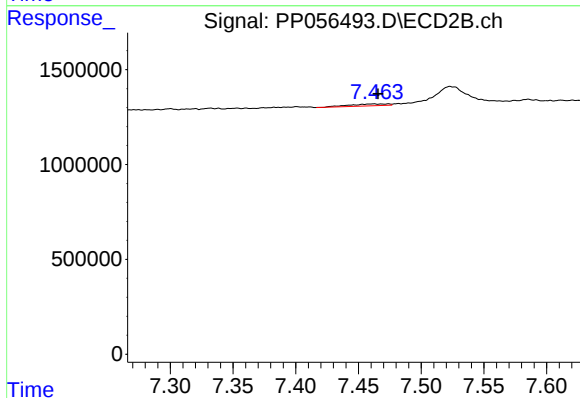
R.T.: 8.030 min
Delta R.T.: 0.005 min
Response: 221704
Conc: 4.93 ng/ml



#41 AR-1268-1

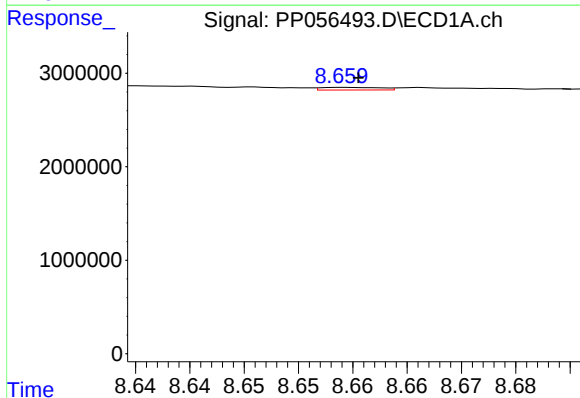
R.T.: 8.582 min
Delta R.T.: 0.015 min
Response: 1023531
Conc: 3.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



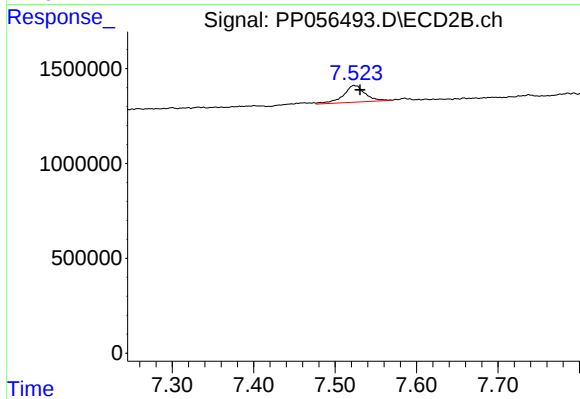
#41 AR-1268-1

R.T.: 7.462 min
Delta R.T.: -0.004 min
Response: 202836
Conc: 1.20 ng/ml



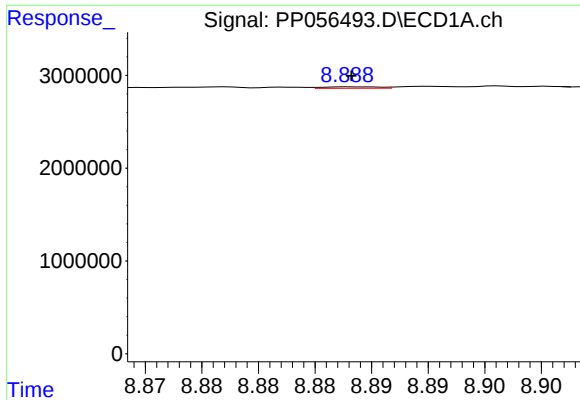
#42 AR-1268-2

R.T.: 8.659 min
Delta R.T.: -0.001 min
Response: 106658
Conc: 0.41 ng/ml



#42 AR-1268-2

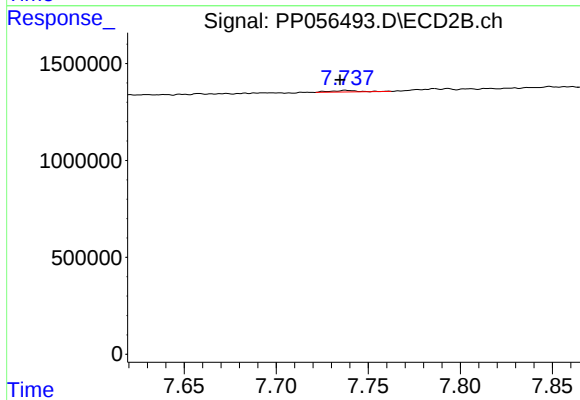
R.T.: 7.523 min
Delta R.T.: -0.007 min
Response: 1600122
Conc: 10.70 ng/ml



#43 AR-1268-3

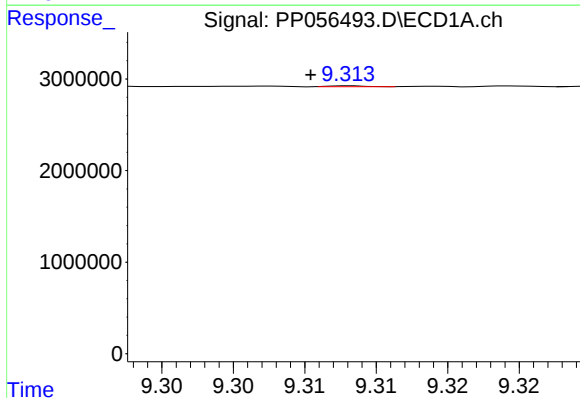
R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 52623
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



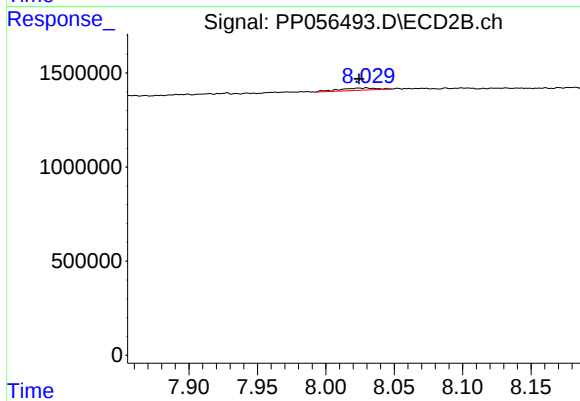
#43 AR-1268-3

R.T.: 7.738 min
Delta R.T.: 0.003 min
Response: 80156
Conc: 0.59 ng/ml



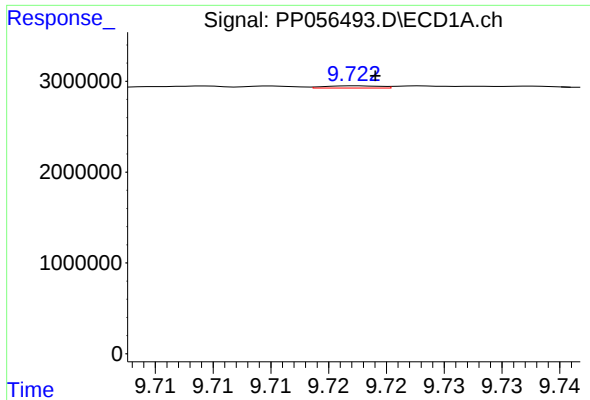
#44 AR-1268-4

R.T.: 9.313 min
Delta R.T.: 0.003 min
Response: 17741
Conc: 0.19 ng/ml



#44 AR-1268-4

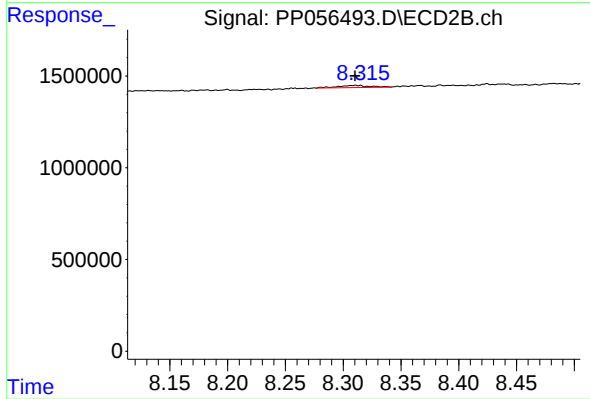
R.T.: 8.030 min
Delta R.T.: 0.006 min
Response: 221704
Conc: 4.34 ng/ml



#45 AR-1268-5

R.T.: 9.722 min
Delta R.T.: -0.002 min
Response: 80975
Conc: 0.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.314 min
Delta R.T.: 0.004 min
Response: 225211
Conc: 0.58 ng/ml