

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091823\
 Data File : PP059918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 03:56
 Operator : YP\AJ
 Sample : 04453-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 07:26:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 07:23:22 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...	4.508	3.667	43388942	34412673	20.857	21.127
2) SA Decachlor...	10.431	8.752	29237013	27555521	19.167	18.198
Target Compounds						
3) L1 AR-1016-1	0.000	4.774	0	6521	N.D.	0.108 #
4) L1 AR-1016-2	0.000	4.793	0	4012	N.D.	0.048 #
5) L1 AR-1016-3	0.000	4.977	0	115723	N.D.	2.580 #
6) L1 AR-1016-4	0.000	5.020	0	132879	N.D.	3.767 #
7) L1 AR-1016-5	0.000	5.227	0	47065	N.D.	1.012 #
9) L2 AR-1221-2	4.819	3.972	626177	525536	31.813	34.040
10) L2 AR-1221-3	0.000	4.049	0	217637	N.D.	4.640 #
11) L3 AR-1232-1	0.000	4.049	0	217637	N.D.	5.725 #
12) L3 AR-1232-2	0.000	4.793	0	4012	N.D.	0.109 #
13) L3 AR-1232-3	0.000	4.977	0	115723	N.D.	5.779 #
14) L3 AR-1232-4	0.000	5.057	0	276088	N.D.	15.114 #
15) L3 AR-1232-5	0.000	5.227	0	47065	N.D.	2.347 #
16) L4 AR-1242-1	0.000	4.774	0	6521	N.D.	0.124 #
17) L4 AR-1242-2	0.000	4.793	0	4012	N.D.	0.056 #
18) L4 AR-1242-3	0.000	4.977	0	115723	N.D.	2.957 #
19) L4 AR-1242-4	0.000	5.057	0	276088	N.D.	7.045 #
20) L4 AR-1242-5	0.000	5.585	0	84966	N.D.	1.756 #
21) L5 AR-1248-1	0.000	4.774	0	6521	N.D.	0.167 #
22) L5 AR-1248-2	0.000	5.020	0	132879	N.D.	2.452 #
23) L5 AR-1248-3	0.000	5.057	0	276088	N.D.	4.852 #
24) L5 AR-1248-4	6.591	5.227	87914	47065	1.137	0.701 #
25) L5 AR-1248-5	0.000	5.604f	0	76457	N.D.	1.159 #
26) L6 AR-1254-1	6.565	5.585	271956	84966	3.406	0.847 #
27) L6 AR-1254-2	6.802	5.732	471978	25046	3.941	0.288 #
28) L6 AR-1254-3	0.000	6.143	0	49137	N.D.	0.350 #
29) L6 AR-1254-4	7.450	6.372	88603	74801	0.996	0.889
30) L6 AR-1254-5	7.857	6.790	621035	397729	6.384	3.353 #
31) L7 AR-1260-1	0.000	6.279	0	30938	N.D.	0.332 #
32) L7 AR-1260-2	0.000	6.468	0	20285	N.D.	0.185 #
33) L7 AR-1260-3	0.000	6.622	0	158449	N.D.	1.541 #
34) L7 AR-1260-4	8.170	7.100	83173	28583	0.928	0.343 #
35) L7 AR-1260-5	0.000	7.344	0	56224	N.D.	0.292 #
36) L8 AR-1262-1	0.000	6.879	0	699046	N.D.	13.850 #
37) L8 AR-1262-2	0.000	7.095	0	146885	N.D.	1.300 #
38) L8 AR-1262-3	0.000	7.615	0	2484806	N.D.	28.348 #
39) L8 AR-1262-4	0.000	7.687	0	141571	N.D.	0.867 #
40) L8 AR-1262-5	0.000	8.188	0	31321	N.D.	0.420 #
41) L9 AR-1268-1	0.000	7.615	0	2484806	N.D.	9.544 #
42) L9 AR-1268-2	0.000	7.687	0	141571	N.D.	0.612 #

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 Response via : Initial Calibration
 Integrator: ChemStation

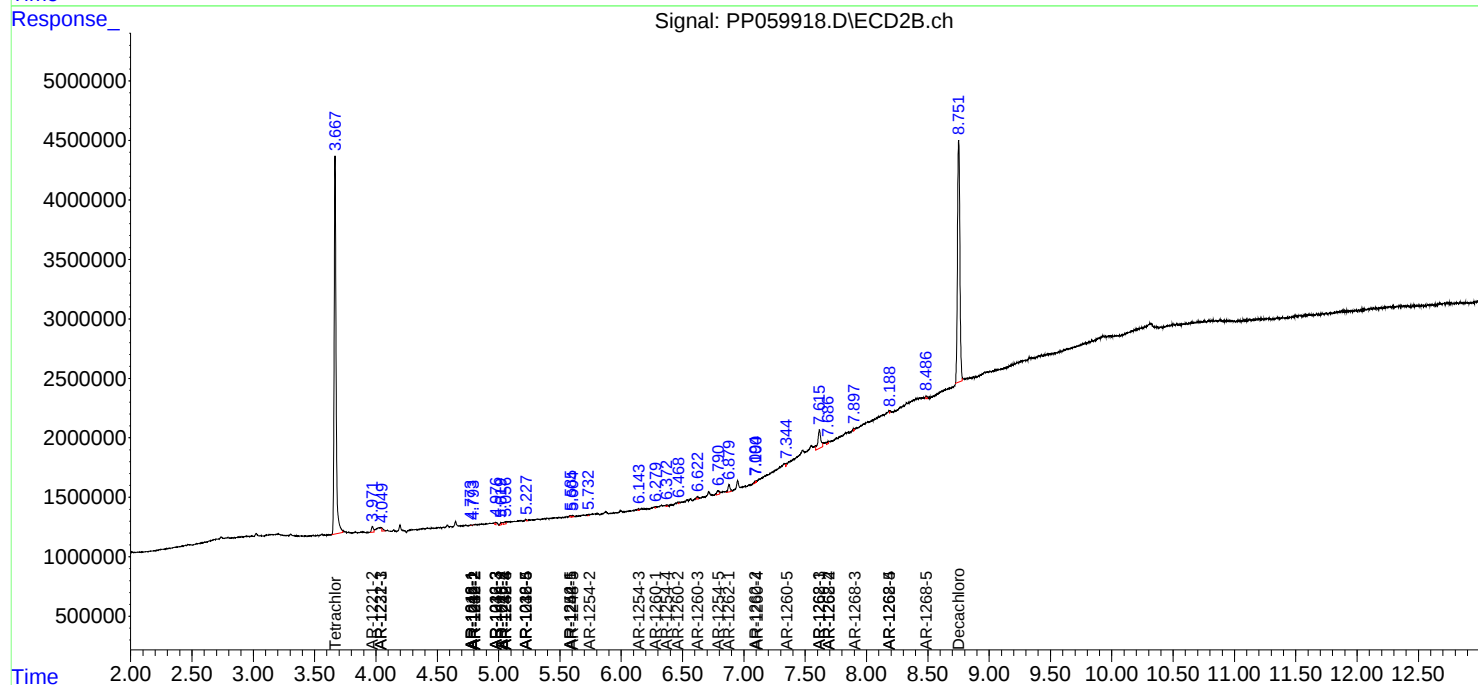
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

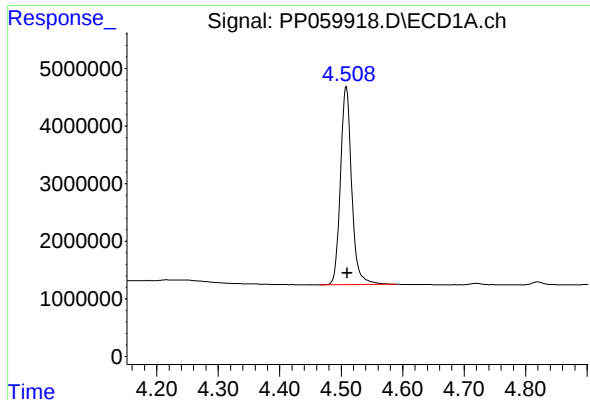
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	7.898	0	33461	N.D.	0.164 #
44) L9	AR-1268-4	0.000	8.188	0	31321	N.D.	0.388 #
45) L9	AR-1268-5	0.000	8.486	0	141422	N.D.	0.224 #

(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

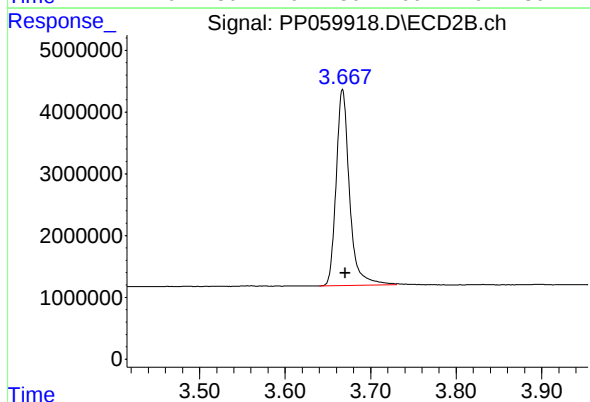




#1 Tetrachloro-m-xylene

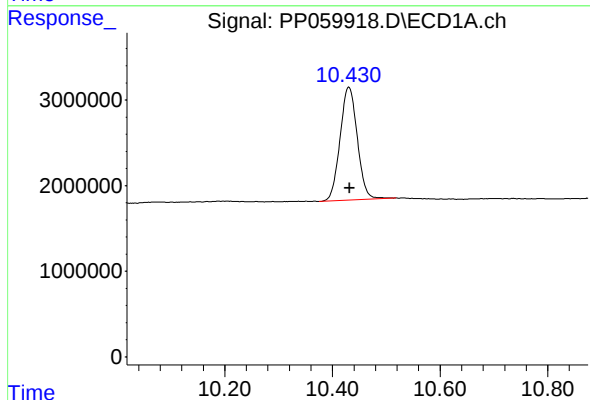
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 43388942
Conc: 20.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



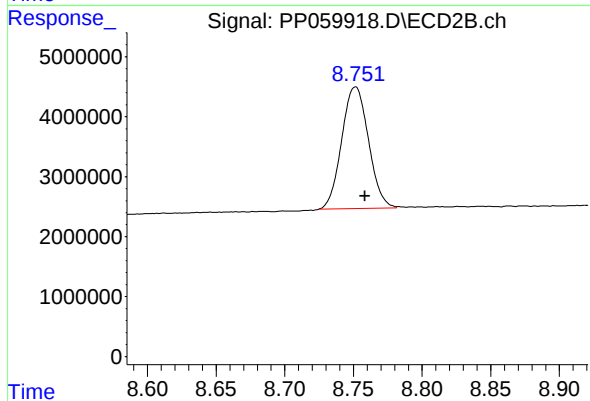
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.003 min
Response: 34412673
Conc: 21.13 ng/ml



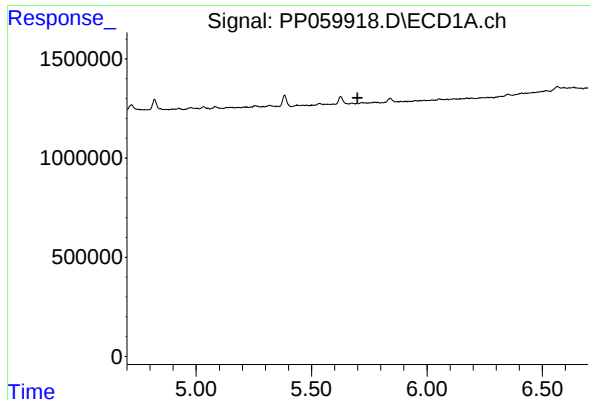
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 29237013
Conc: 19.17 ng/ml



#2 Decachlorobiphenyl

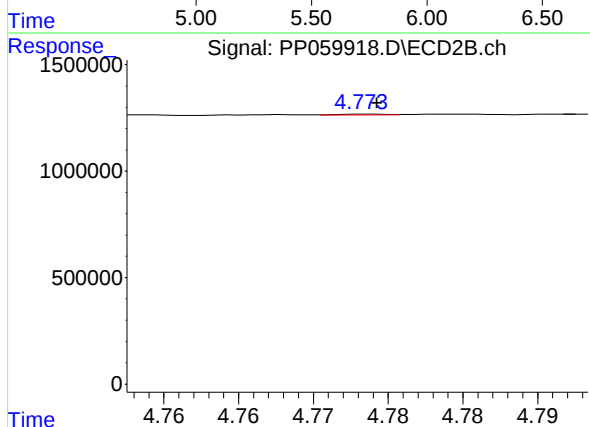
R.T.: 8.752 min
Delta R.T.: -0.007 min
Response: 27555521
Conc: 18.20 ng/ml



#3 AR-1016-1

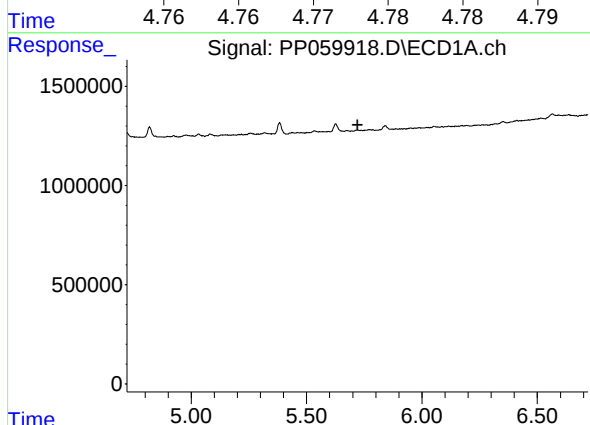
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



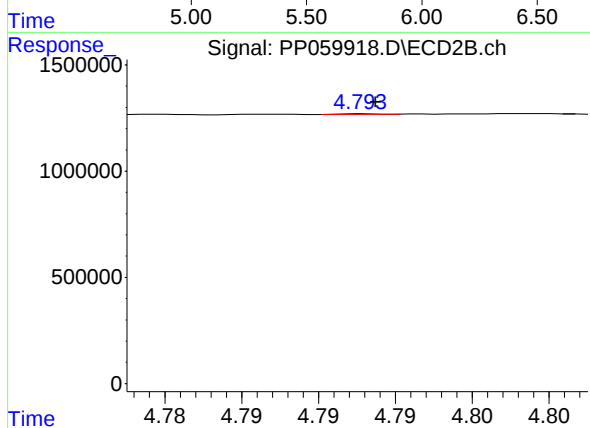
#3 AR-1016-1

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 6521
Conc: 0.11 ng/ml



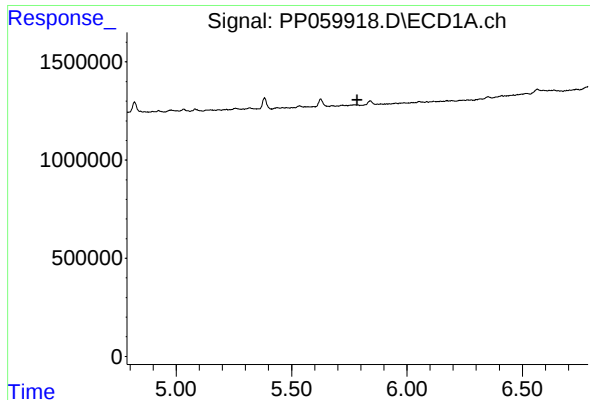
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#4 AR-1016-2

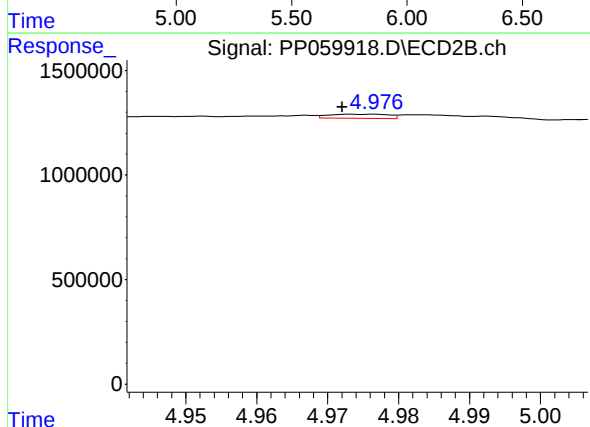
R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 4012
Conc: 0.05 ng/ml



#5 AR-1016-3

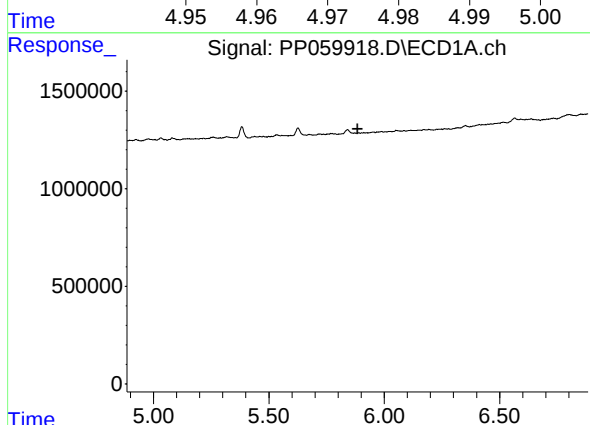
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



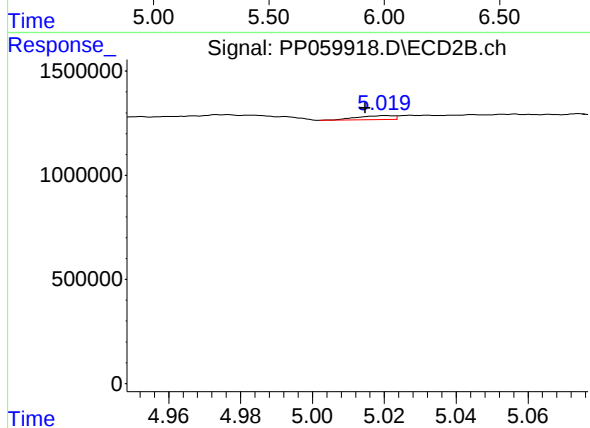
#5 AR-1016-3

R.T.: 4.977 min
Delta R.T.: 0.005 min
Response: 115723
Conc: 2.58 ng/ml



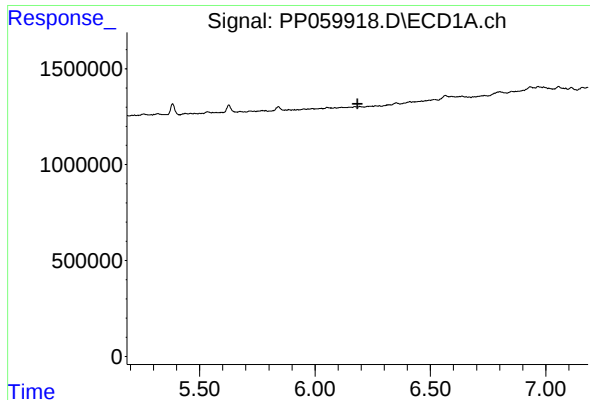
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

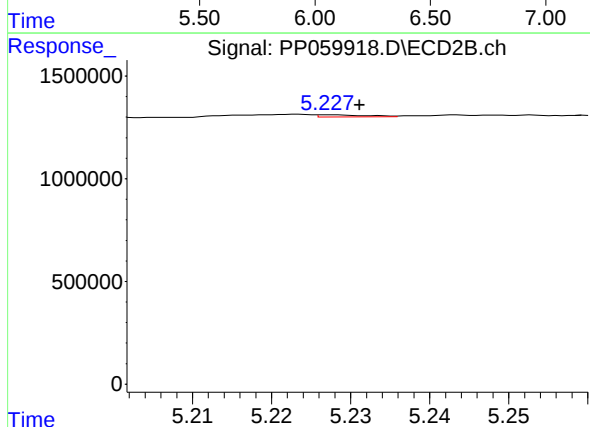
R.T.: 5.020 min
Delta R.T.: 0.005 min
Response: 132879
Conc: 3.77 ng/ml



#7 AR-1016-5

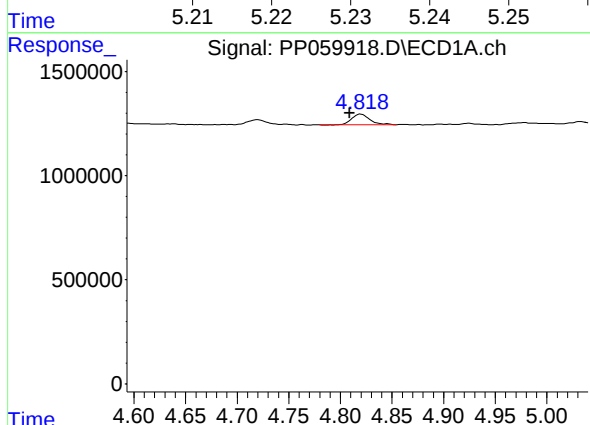
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



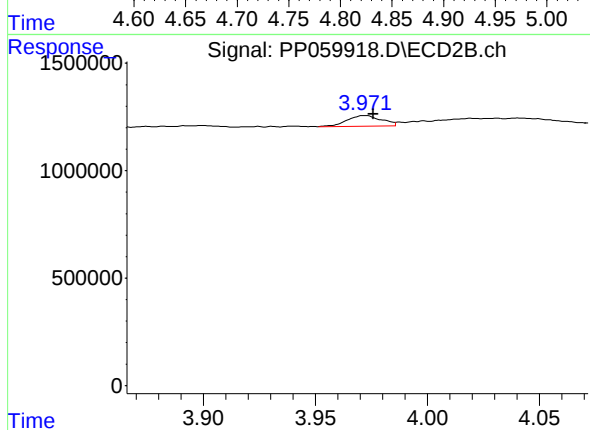
#7 AR-1016-5

R.T.: 5.227 min
Delta R.T.: -0.004 min
Response: 47065
Conc: 1.01 ng/ml



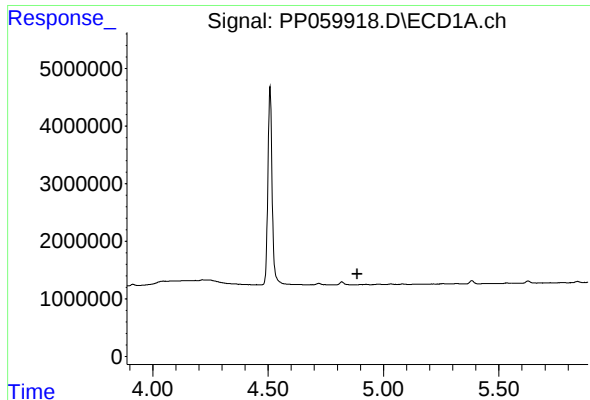
#9 AR-1221-2

R.T.: 4.819 min
Delta R.T.: 0.011 min
Response: 626177
Conc: 31.81 ng/ml



#9 AR-1221-2

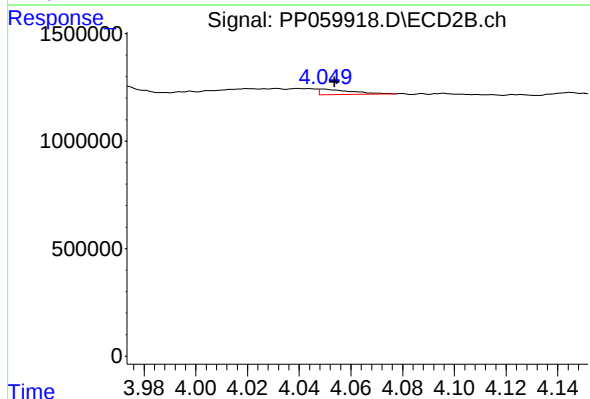
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 525536
Conc: 34.04 ng/ml



#10 AR-1221-3

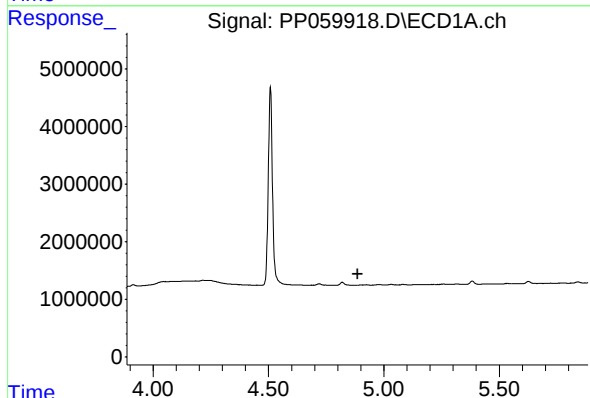
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



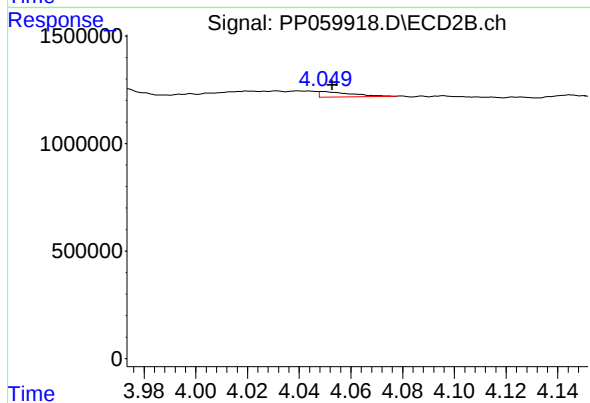
#10 AR-1221-3

R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 217637
Conc: 4.64 ng/ml



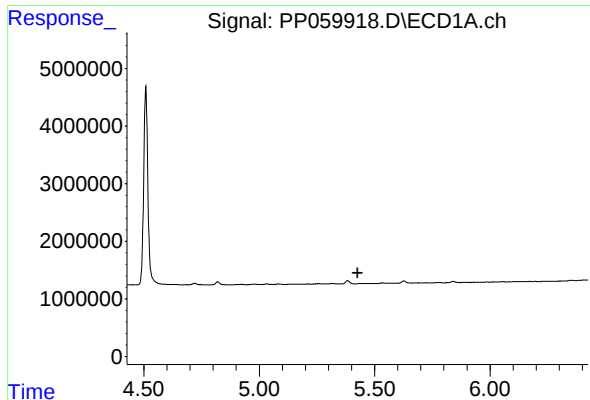
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.



#11 AR-1232-1

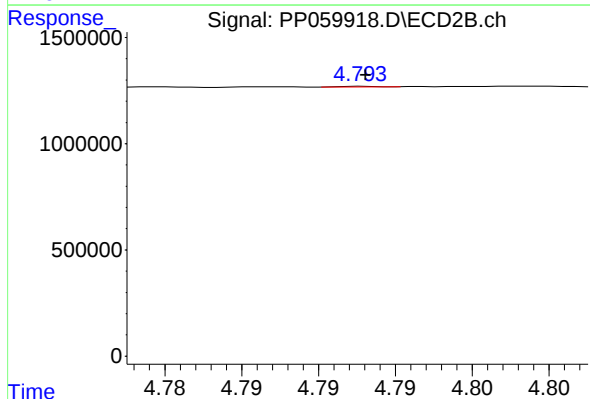
R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 217637
Conc: 5.73 ng/ml



#12 AR-1232-2

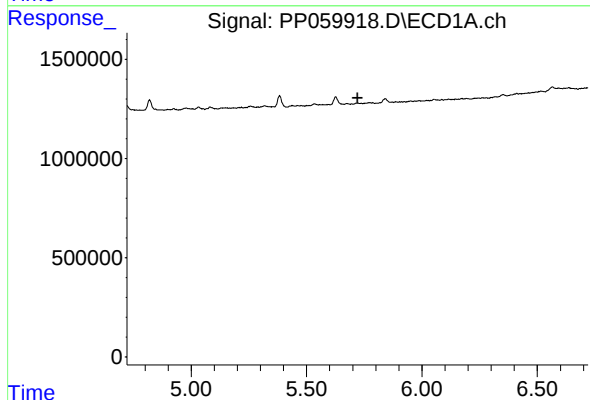
R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



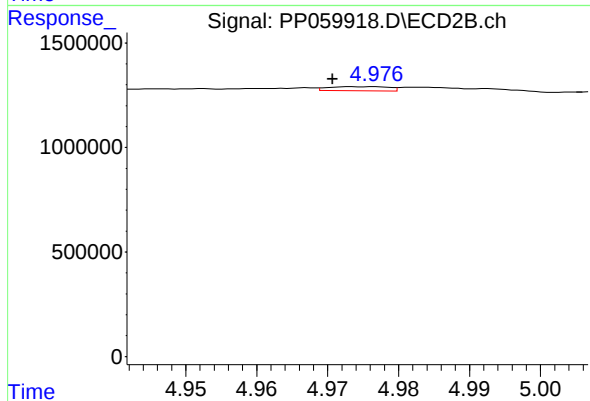
#12 AR-1232-2

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 4012
Conc: 0.11 ng/ml



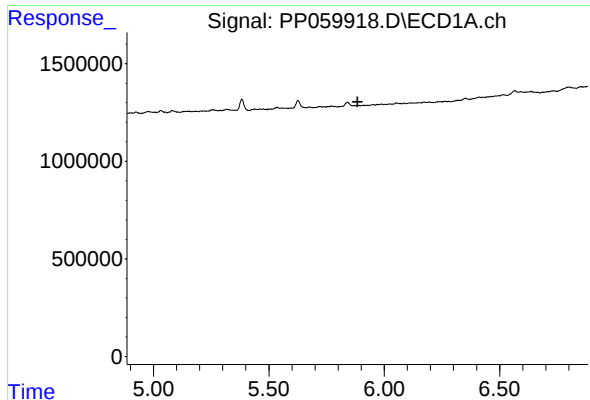
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#13 AR-1232-3

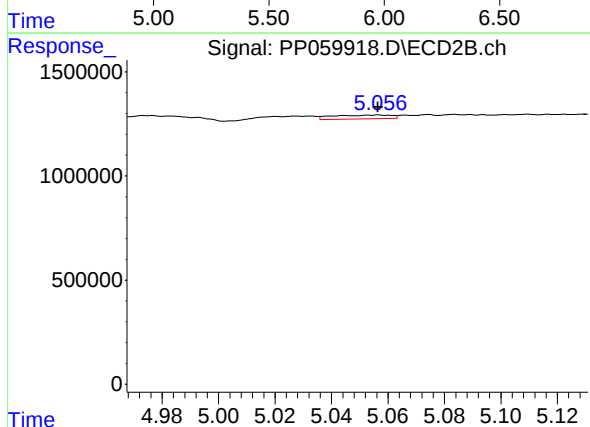
R.T.: 4.977 min
Delta R.T.: 0.006 min
Response: 115723
Conc: 5.78 ng/ml



#14 AR-1232-4

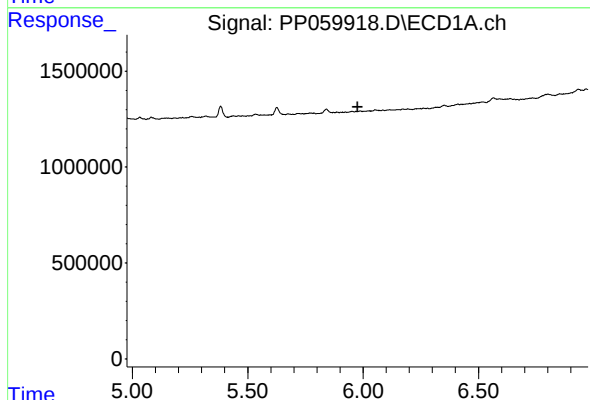
R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



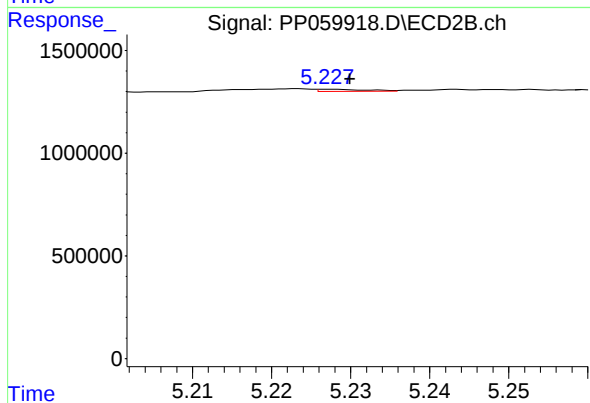
#14 AR-1232-4

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 276088
Conc: 15.11 ng/ml



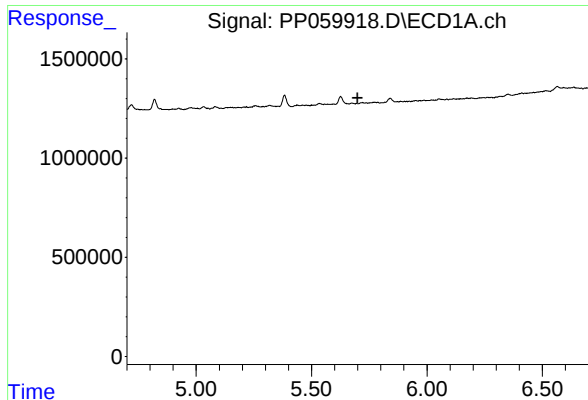
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.



#15 AR-1232-5

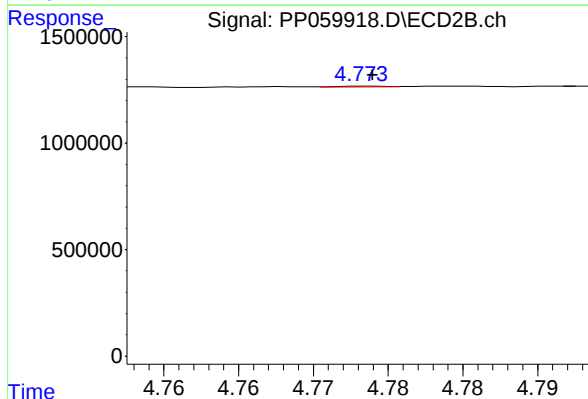
R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 47065
Conc: 2.35 ng/ml



#16 AR-1242-1

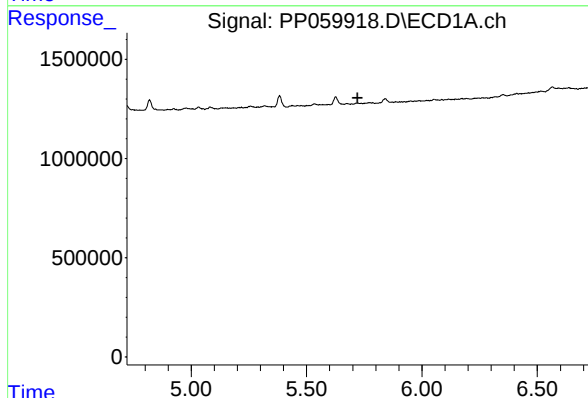
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



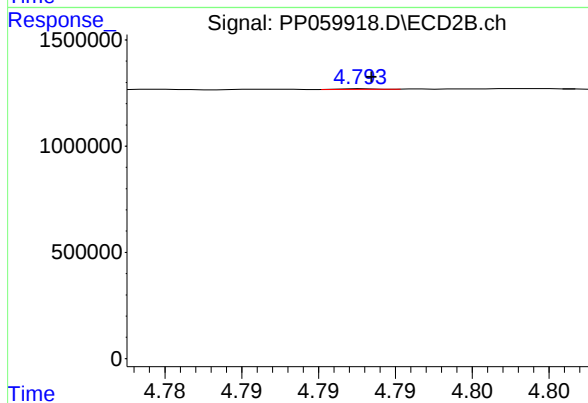
#16 AR-1242-1

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 6521
Conc: 0.12 ng/ml



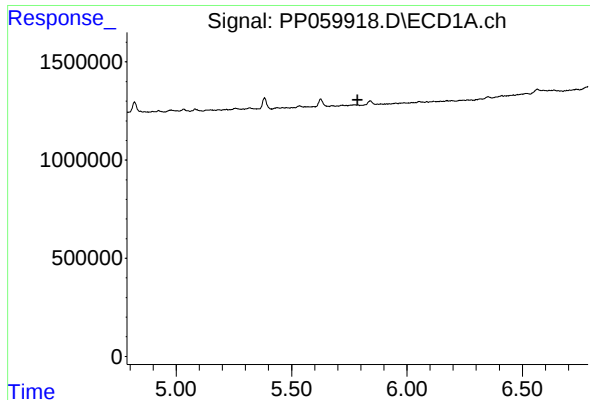
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 4012
Conc: 0.06 ng/ml

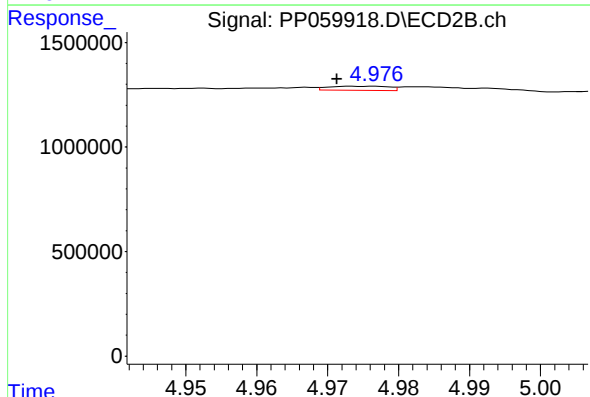


#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :

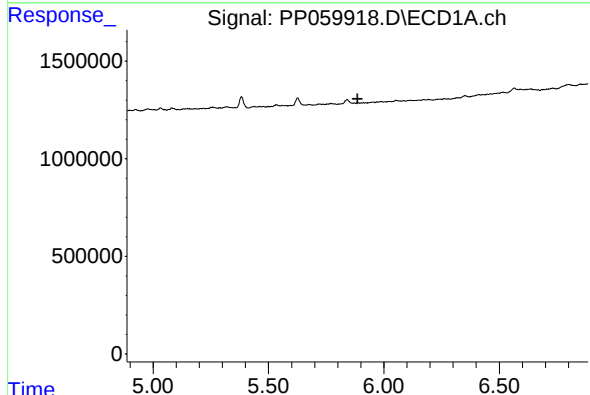
Time



#18 AR-1242-3

R.T.: 4.977 min
Delta R.T.: 0.005 min
Response: 115723
Conc: 2.96 ng/ml

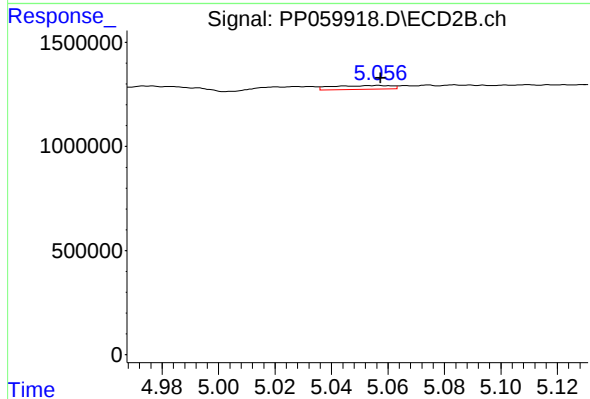
Time



#19 AR-1242-4

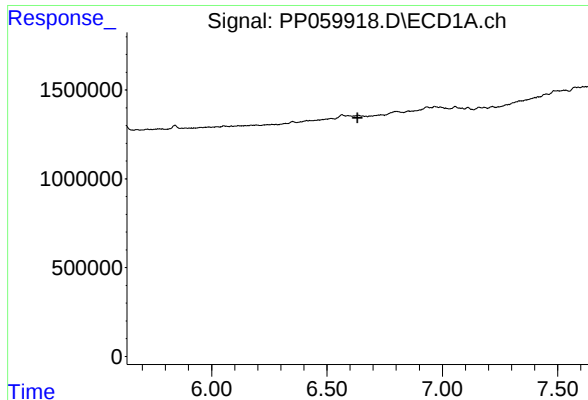
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Time



#19 AR-1242-4

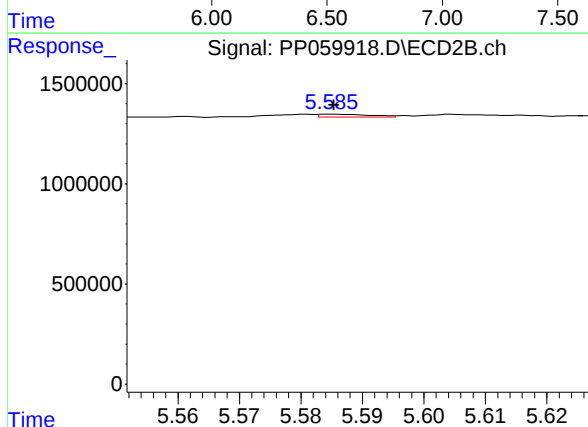
R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 276088
Conc: 7.04 ng/ml



#20 AR-1242-5

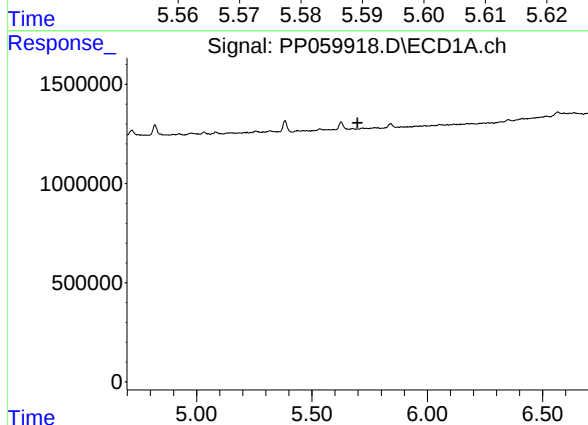
R.T.: 0.000 min
Exp R.T.: 6.633 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



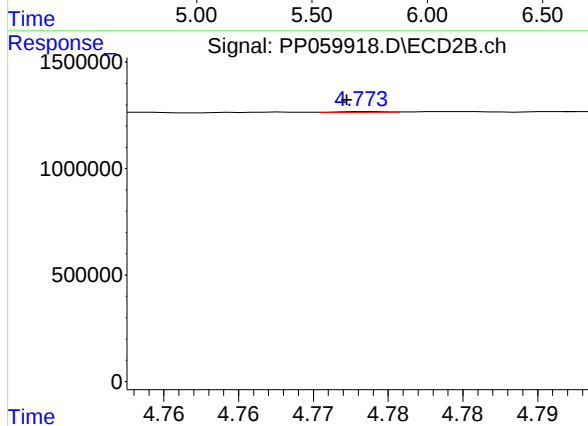
#20 AR-1242-5

R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 84966
Conc: 1.76 ng/ml



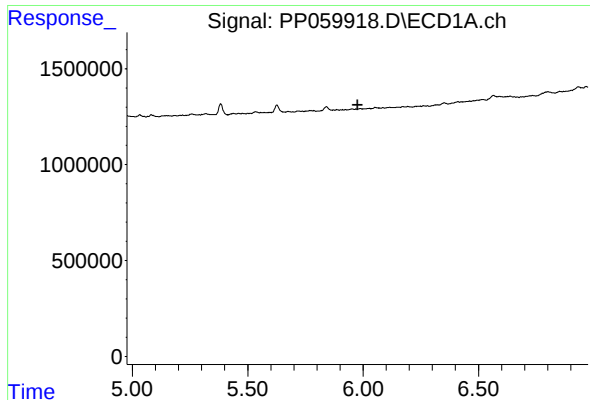
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.



#21 AR-1248-1

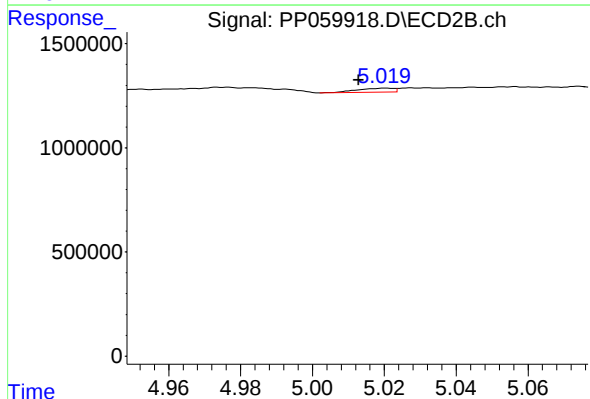
R.T.: 4.774 min
Delta R.T.: 0.001 min
Response: 6521
Conc: 0.17 ng/ml



#22 AR-1248-2

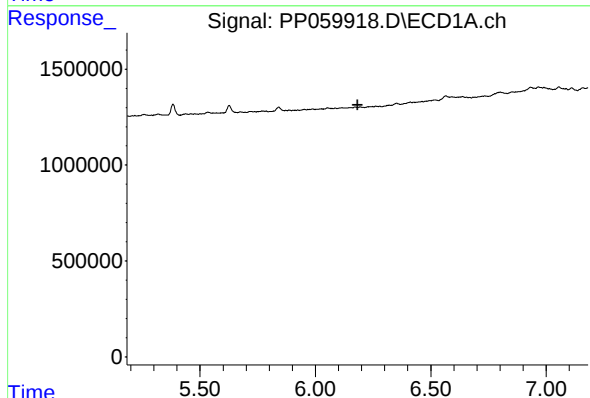
R.T.: 0.000 min
Exp R.T.: 5.975 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



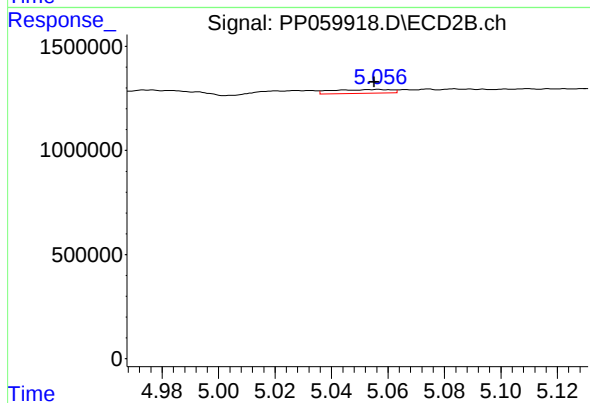
#22 AR-1248-2

R.T.: 5.020 min
Delta R.T.: 0.007 min
Response: 132879
Conc: 2.45 ng/ml



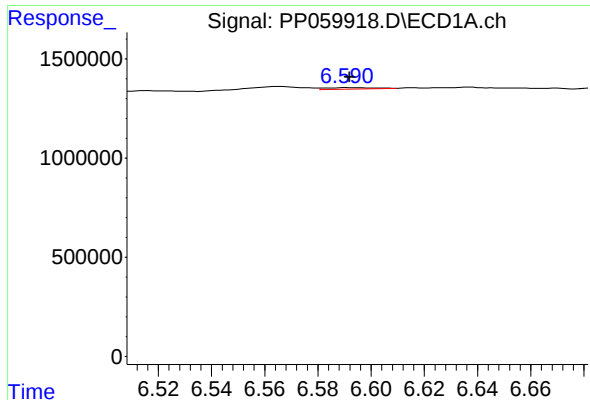
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.



#23 AR-1248-3

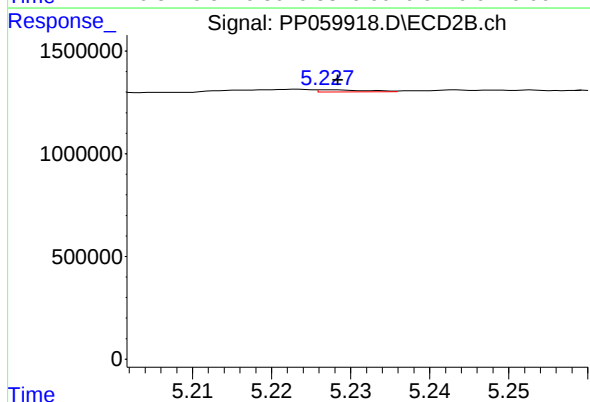
R.T.: 5.057 min
Delta R.T.: 0.001 min
Response: 276088
Conc: 4.85 ng/ml



#24 AR-1248-4

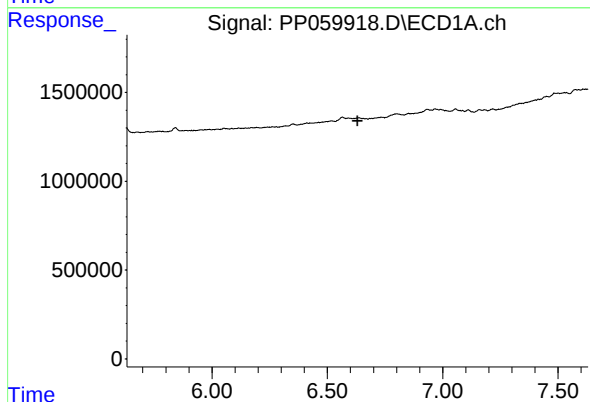
R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 87914
Conc: 1.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



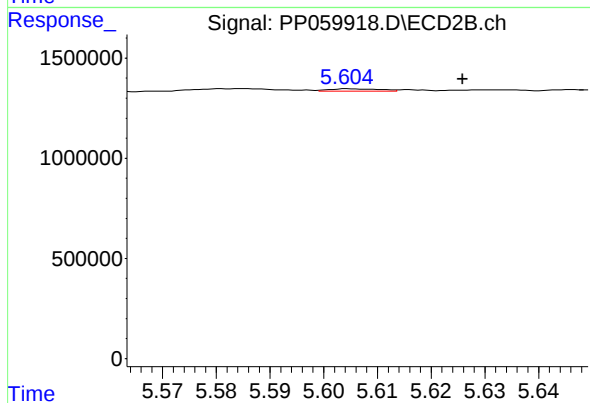
#24 AR-1248-4

R.T.: 5.227 min
Delta R.T.: -0.001 min
Response: 47065
Conc: 0.70 ng/ml



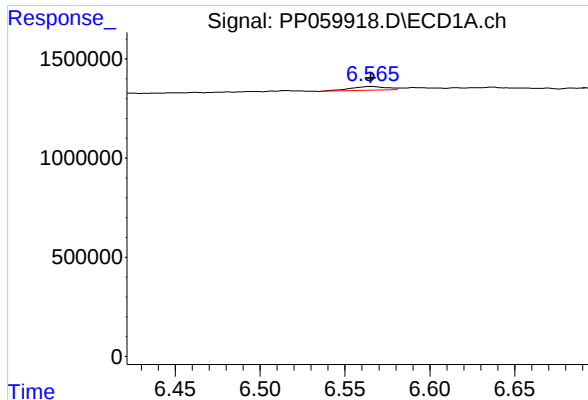
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.631 min
Response: 0
Conc: N.D.



#25 AR-1248-5

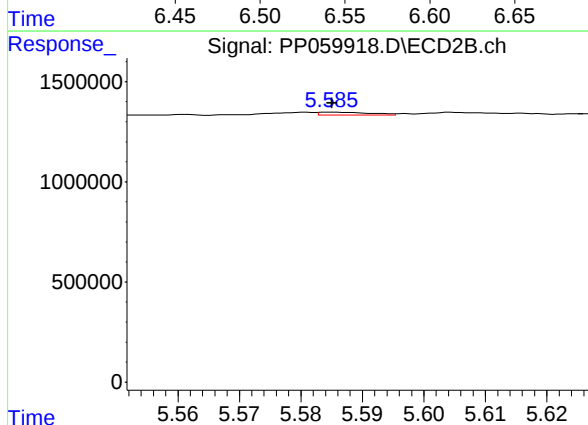
R.T.: 5.604 min
Delta R.T.: -0.021 min
Response: 76457
Conc: 1.16 ng/ml



#26 AR-1254-1

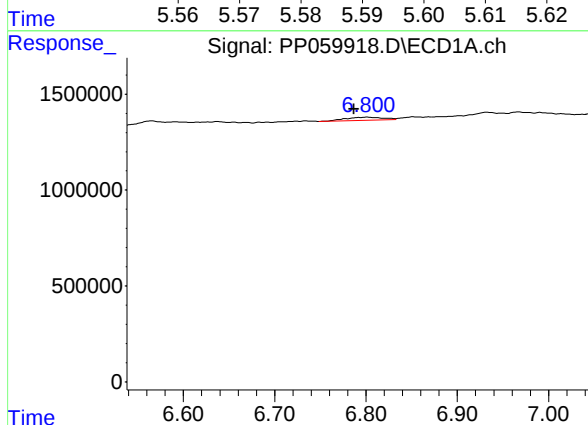
R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 271956
Conc: 3.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



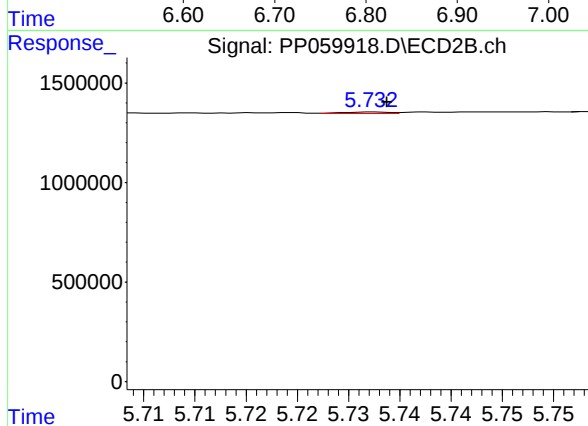
#26 AR-1254-1

R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 84966
Conc: 0.85 ng/ml



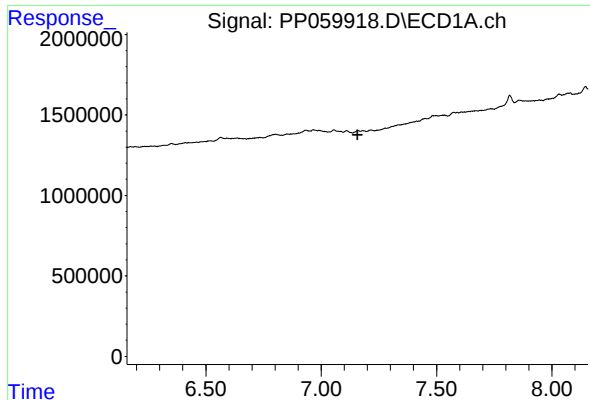
#27 AR-1254-2

R.T.: 6.802 min
Delta R.T.: 0.015 min
Response: 471978
Conc: 3.94 ng/ml



#27 AR-1254-2

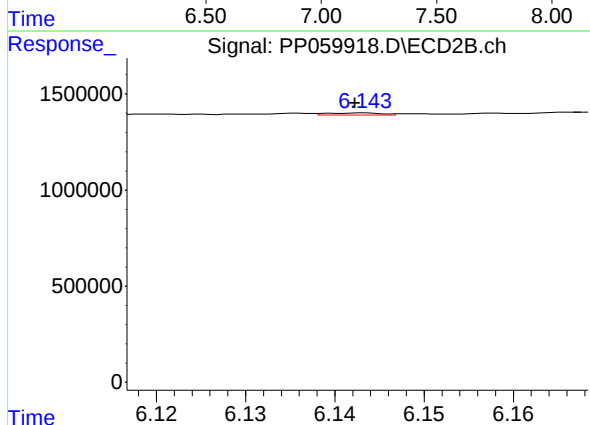
R.T.: 5.732 min
Delta R.T.: -0.001 min
Response: 25046
Conc: 0.29 ng/ml



#28 AR-1254-3

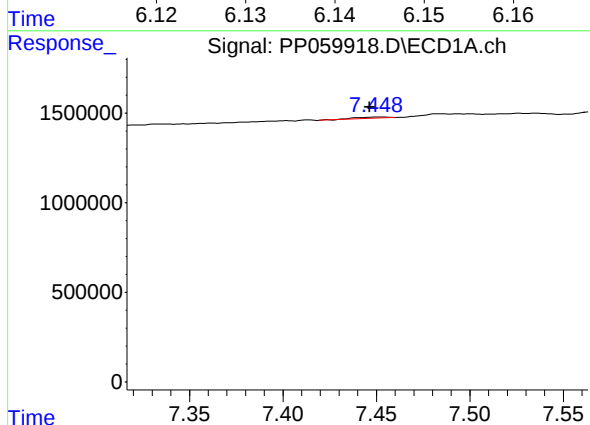
R.T.: 0.000 min
Exp R.T.: 7.158 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



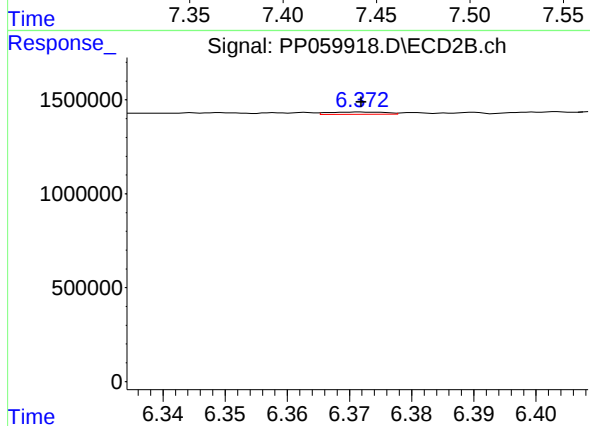
#28 AR-1254-3

R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 49137
Conc: 0.35 ng/ml



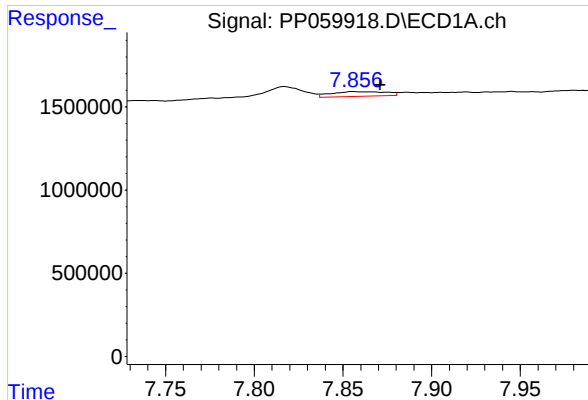
#29 AR-1254-4

R.T.: 7.450 min
Delta R.T.: 0.004 min
Response: 88603
Conc: 1.00 ng/ml



#29 AR-1254-4

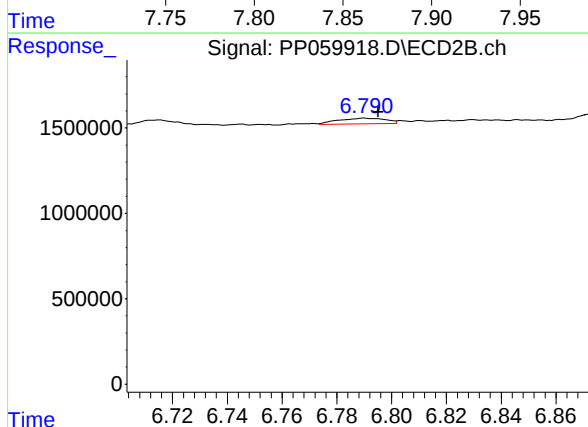
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 74801
Conc: 0.89 ng/ml



#30 AR-1254-5

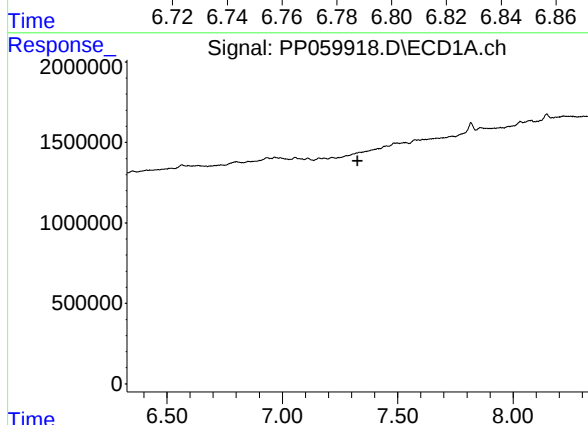
R.T.: 7.857 min
Delta R.T.: -0.014 min
Response: 621035
Conc: 6.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



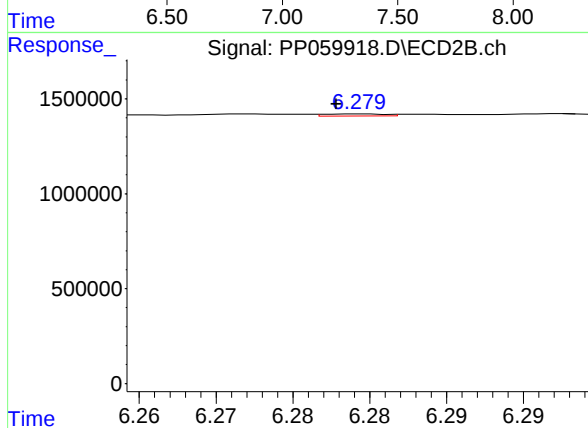
#30 AR-1254-5

R.T.: 6.790 min
Delta R.T.: -0.005 min
Response: 397729
Conc: 3.35 ng/ml



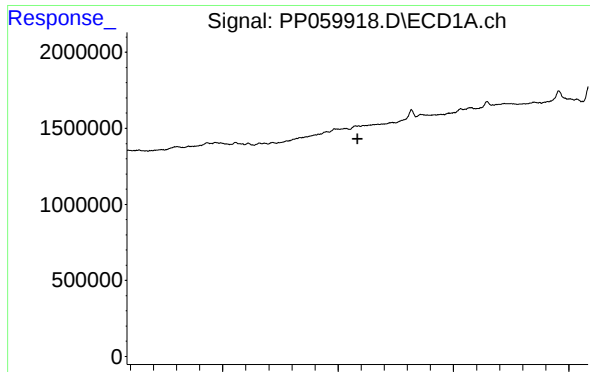
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 7.326 min
Response: 0
Conc: N.D.



#31 AR-1260-1

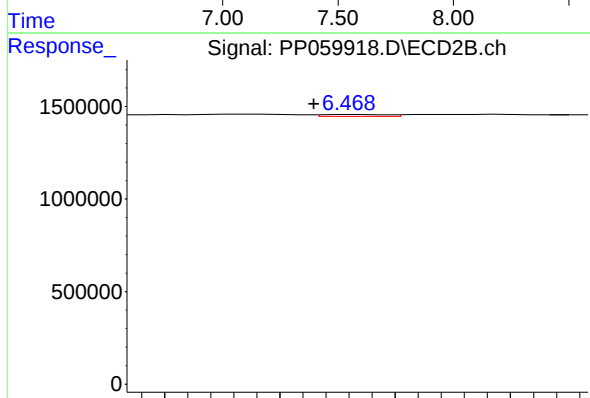
R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 30938
Conc: 0.33 ng/ml



#32 AR-1260-2

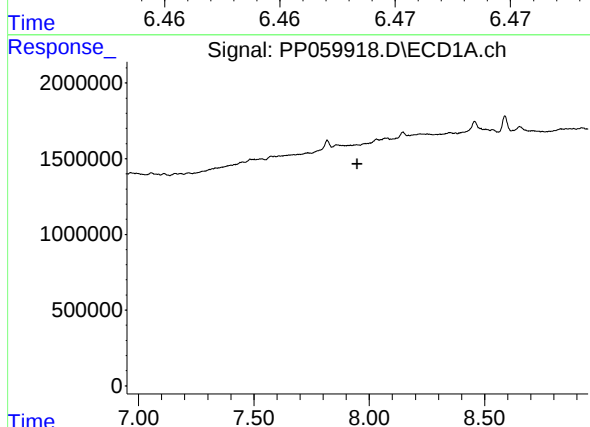
R.T.: 0.000 min
Exp R.T.: 7.585 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



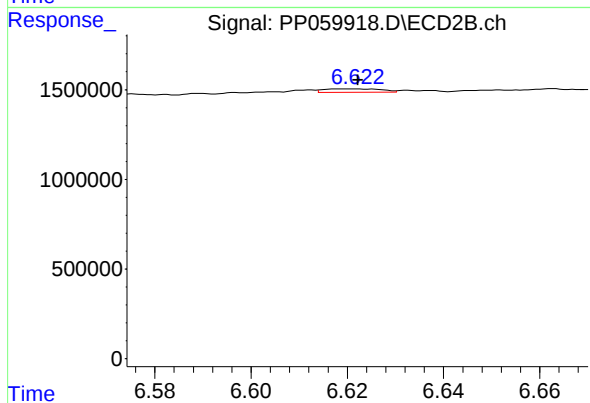
#32 AR-1260-2

R.T.: 6.468 min
Delta R.T.: 0.002 min
Response: 20285
Conc: 0.19 ng/ml



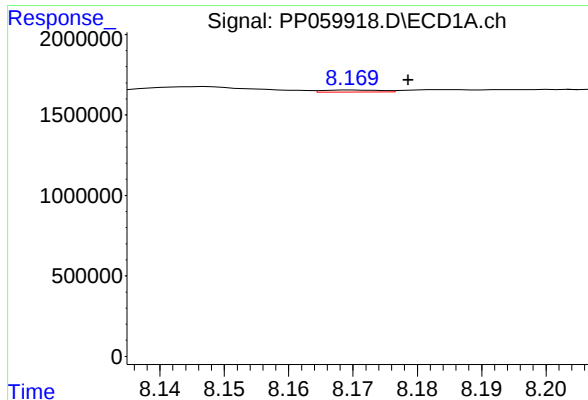
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 7.948 min
Response: 0
Conc: N.D.



#33 AR-1260-3

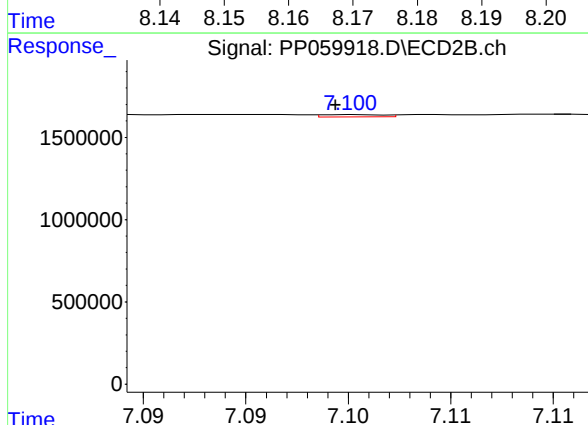
R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 158449
Conc: 1.54 ng/ml



#34 AR-1260-4

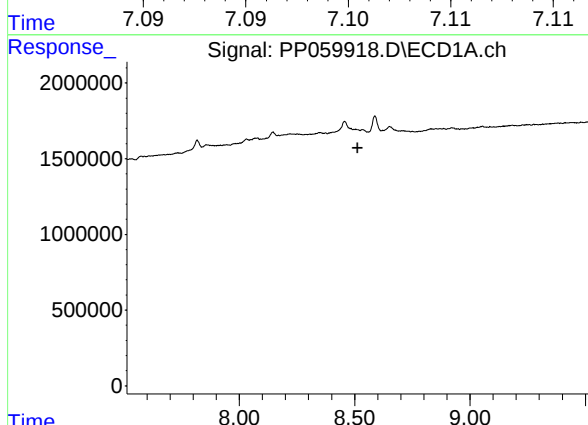
R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 83173
Conc: 0.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



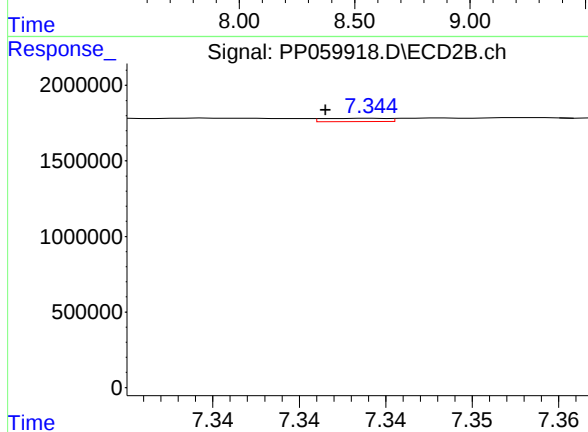
#34 AR-1260-4

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 28583
Conc: 0.34 ng/ml



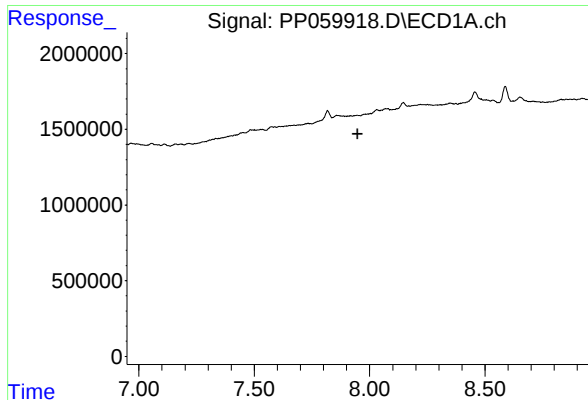
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.



#35 AR-1260-5

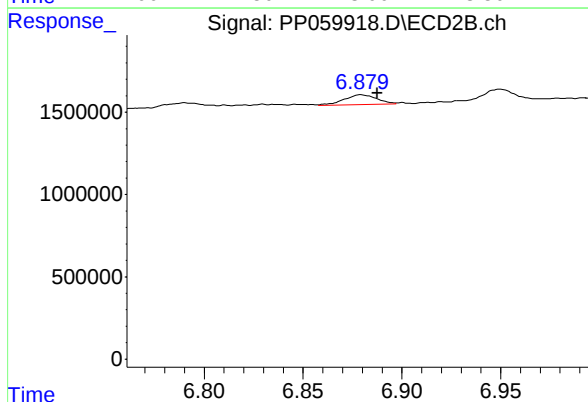
R.T.: 7.344 min
Delta R.T.: 0.003 min
Response: 56224
Conc: 0.29 ng/ml



#36 AR-1262-1

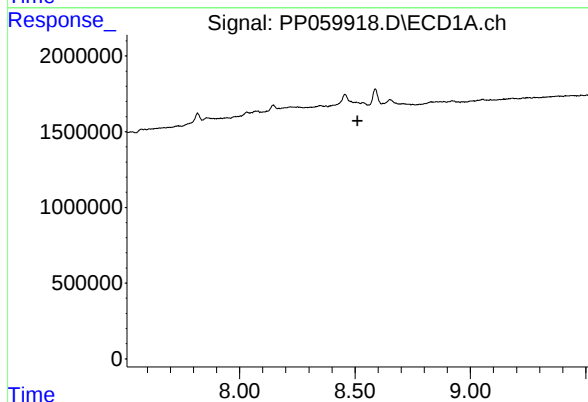
R.T.: 0.000 min
Exp R.T.: 7.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



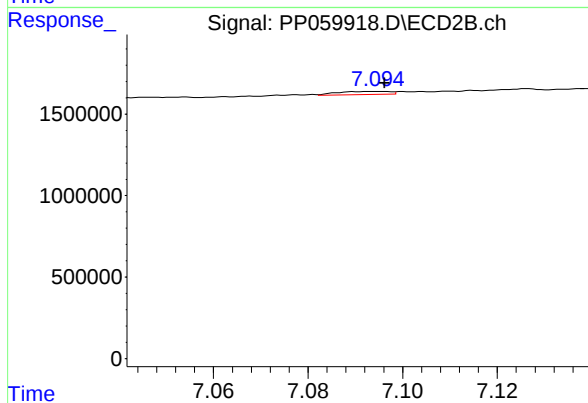
#36 AR-1262-1

R.T.: 6.879 min
Delta R.T.: -0.009 min
Response: 699046
Conc: 13.85 ng/ml



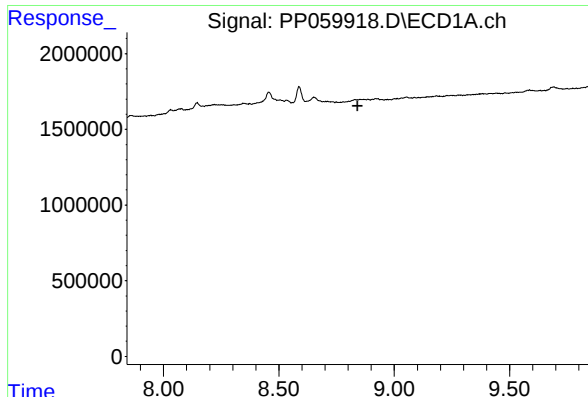
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.



#37 AR-1262-2

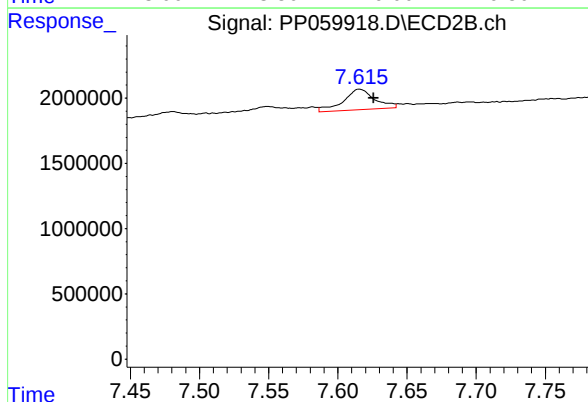
R.T.: 7.095 min
Delta R.T.: -0.001 min
Response: 146885
Conc: 1.30 ng/ml



#38 AR-1262-3

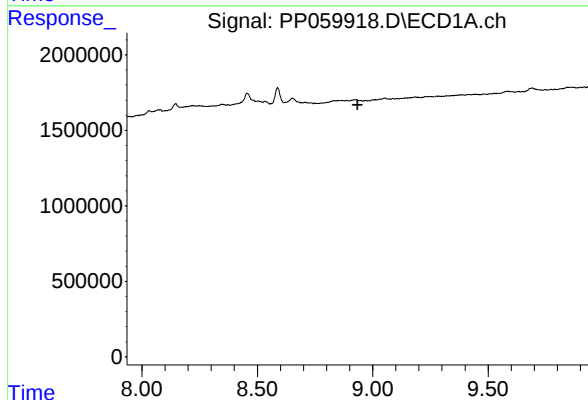
R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



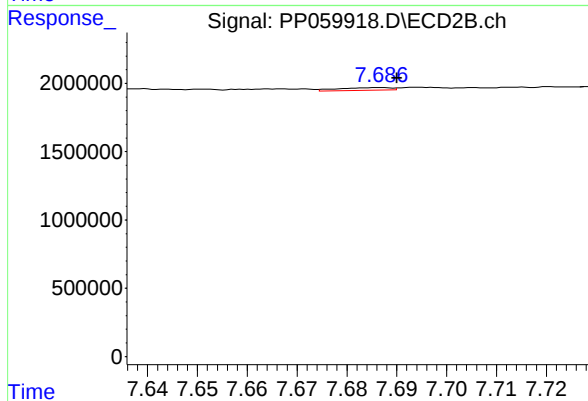
#38 AR-1262-3

R.T.: 7.615 min
Delta R.T.: -0.011 min
Response: 2484806
Conc: 28.35 ng/ml



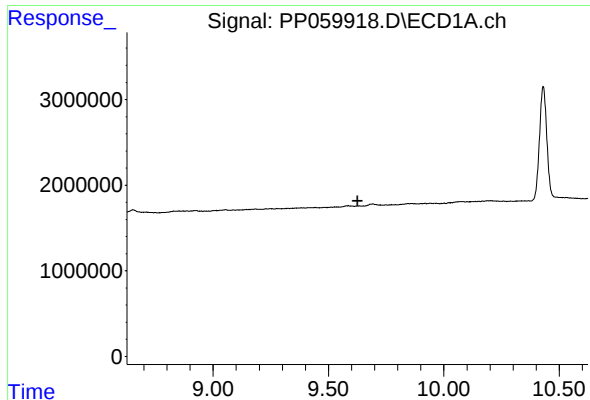
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.



#39 AR-1262-4

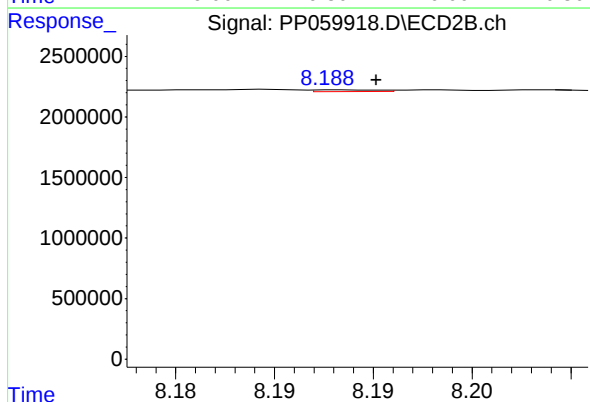
R.T.: 7.687 min
Delta R.T.: -0.003 min
Response: 141571
Conc: 0.87 ng/ml



#40 AR-1262-5

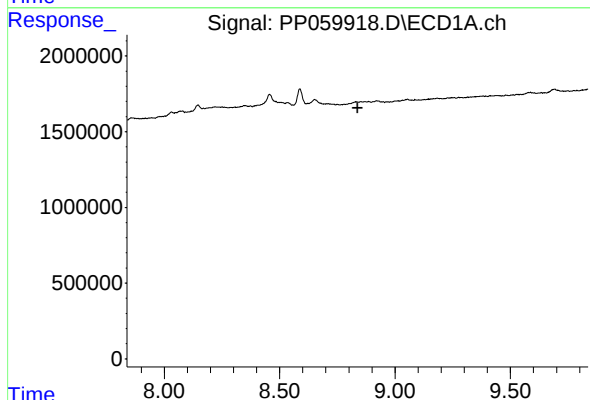
R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



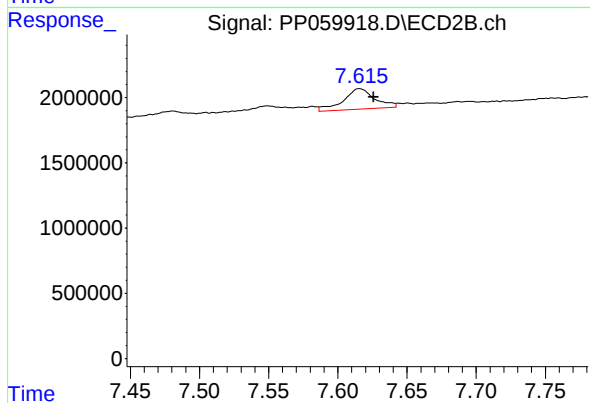
#40 AR-1262-5

R.T.: 8.188 min
Delta R.T.: -0.002 min
Response: 31321
Conc: 0.42 ng/ml



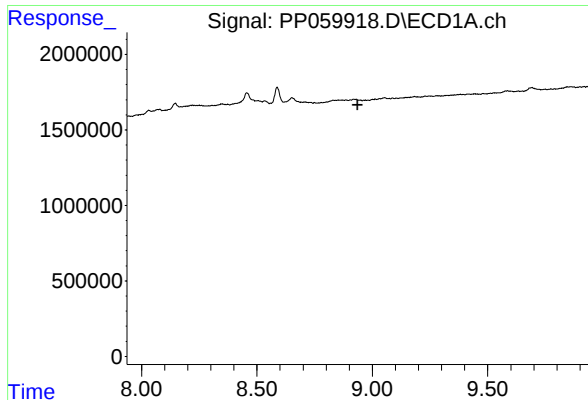
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.



#41 AR-1268-1

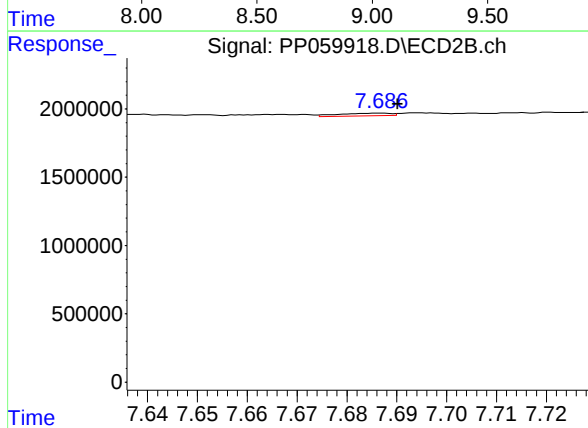
R.T.: 7.615 min
Delta R.T.: -0.011 min
Response: 2484806
Conc: 9.54 ng/ml



#42 AR-1268-2

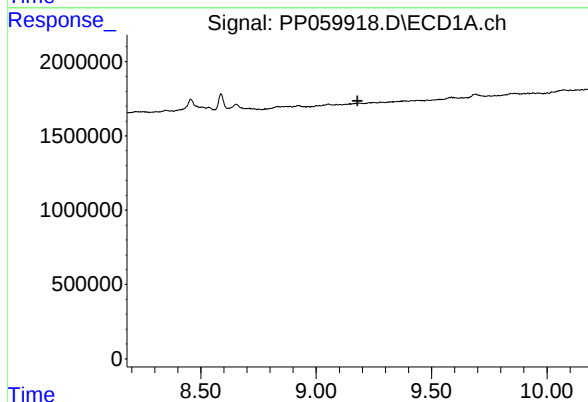
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



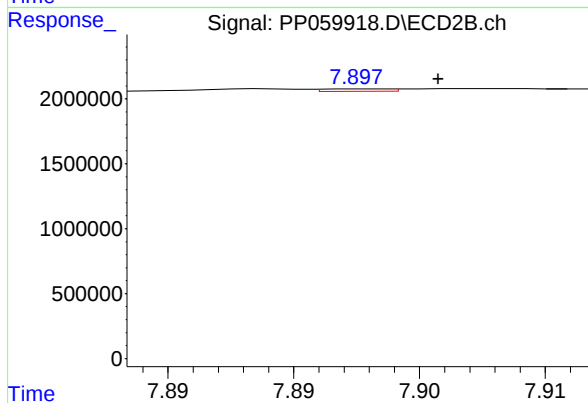
#42 AR-1268-2

R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 141571
Conc: 0.61 ng/ml



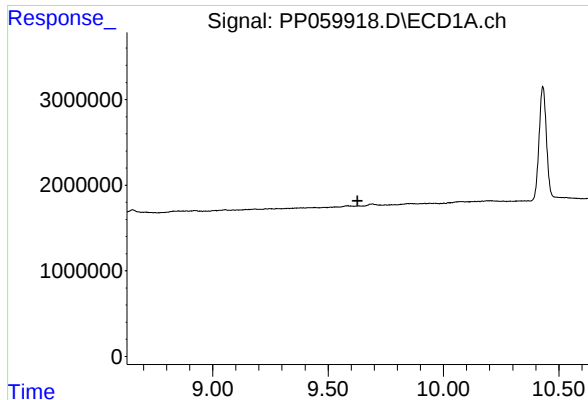
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.



#43 AR-1268-3

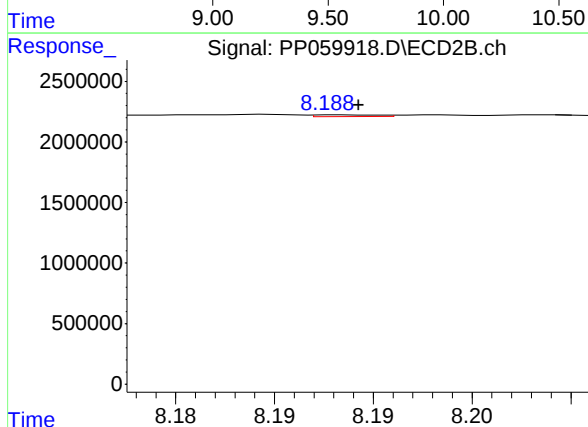
R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 33461
Conc: 0.16 ng/ml



#44 AR-1268-4

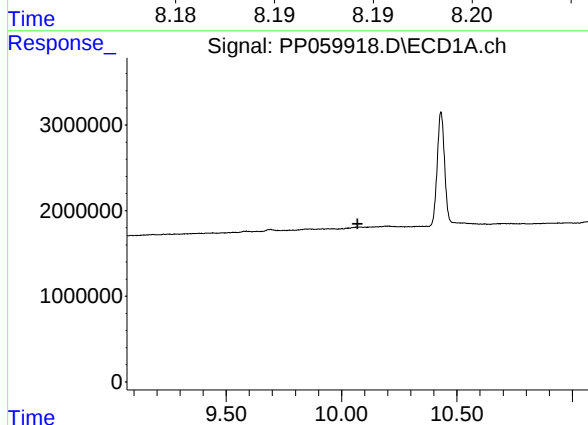
R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



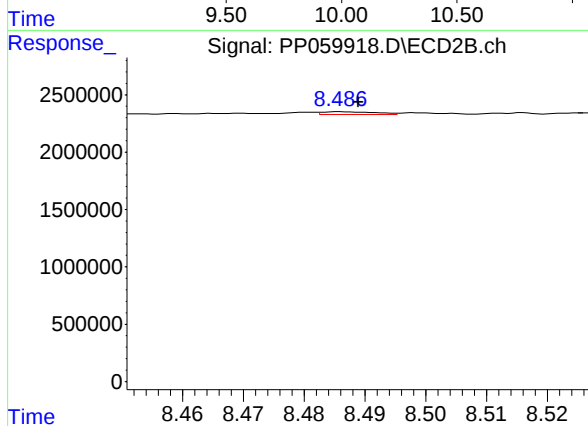
#44 AR-1268-4

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 31321
Conc: 0.39 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: -0.003 min
Response: 141422
Conc: 0.22 ng/ml