

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091823\
 Data File : PP059920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 04:29
 Operator : YP\AJ
 Sample : 04453-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 07:27:42 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	3.688	45995112	36644558	22.110	22.497
2) SA Decachlor...	10.429	8.770	29958404	29226059	19.640	19.302
Target Compounds						
3) L1 AR-1016-1	0.000	4.783	0	42860	N.D.	0.713 #
4) L1 AR-1016-2	0.000	4.803	0	18975	N.D.	0.229 #
5) L1 AR-1016-3	0.000	4.997f	0	99661	N.D.	2.222 #
6) L1 AR-1016-4	0.000	5.001	0	62937	N.D.	1.784 #
7) L1 AR-1016-5	0.000	5.250f	0	160662	N.D.	3.455 #
8) L2 AR-1221-1	0.000	3.881	0	10764	N.D.	0.490 #
9) L2 AR-1221-2	4.819	3.988	664354	1346178	33.753	87.194 #
10) L2 AR-1221-3	0.000	4.063	0	9729	N.D.	0.207 #
11) L3 AR-1232-1	0.000	4.063	0	9729	N.D.	0.256 #
12) L3 AR-1232-2	0.000	4.803	0	18975	N.D.	0.515 #
13) L3 AR-1232-3	0.000	4.997f	0	99661	N.D.	4.977 #
14) L3 AR-1232-4	0.000	5.052	0	32953	N.D.	1.804 #
15) L3 AR-1232-5	0.000	5.250f	0	160662	N.D.	8.013 #
16) L4 AR-1242-1	0.000	4.783	0	42860	N.D.	0.814 #
17) L4 AR-1242-2	0.000	4.803	0	18975	N.D.	0.263 #
18) L4 AR-1242-3	0.000	4.997f	0	99661	N.D.	2.547 #
19) L4 AR-1242-4	0.000	5.052	0	32953	N.D.	0.841 #
20) L4 AR-1242-5	0.000	5.604f	0	323126	N.D.	6.679 #
21) L5 AR-1248-1	0.000	4.783	0	42860	N.D.	1.097 #
22) L5 AR-1248-2	0.000	5.001	0	62937	N.D.	1.162 #
23) L5 AR-1248-3	0.000	5.052	0	32953	N.D.	0.579 #
24) L5 AR-1248-4	6.564f	5.250f	285366	160662	3.690	2.392 #
25) L5 AR-1248-5	0.000	5.630	0	209629	N.D.	3.178 #
26) L6 AR-1254-1	6.564	5.604f	285366	323126	3.574	3.220
27) L6 AR-1254-2	0.000	5.752f	0	18523	N.D.	0.213 #
28) L6 AR-1254-3	0.000	6.140	0	64147	N.D.	0.457 #
29) L6 AR-1254-4	7.451	6.369	291677	47596	3.280	0.565 #
30) L6 AR-1254-5	7.888f	6.790	1953666	26998	20.084	0.228 #
31) L7 AR-1260-1	7.338	6.279	293967	63625	3.261	0.683 #
32) L7 AR-1260-2	7.582	6.467	543722	18623	5.300	0.170 #
33) L7 AR-1260-3	0.000	6.620	0	10209	N.D.	0.099 #
34) L7 AR-1260-4	8.178	7.098	246172	35285	2.747	0.424 #
35) L7 AR-1260-5	0.000	7.342	0	143496	N.D.	0.746 #
36) L8 AR-1262-1	0.000	6.883	0	76116	N.D.	1.508 #
37) L8 AR-1262-2	0.000	7.098	0	35285	N.D.	0.312 #
38) L8 AR-1262-3	0.000	7.639	0	746829	N.D.	8.520 #
39) L8 AR-1262-4	0.000	7.697	0	58424	N.D.	0.358 #
40) L8 AR-1262-5	0.000	8.190	0	56708	N.D.	0.760 #
41) L9 AR-1268-1	0.000	7.639	0	746829	N.D.	2.868 #

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 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	0.000	7.697	0	58424	N.D.	0.253 #
43) L9	AR-1268-3	0.000	7.903	0	98982	N.D.	0.485 #
44) L9	AR-1268-4	0.000	8.190	0	56708	N.D.	0.702 #
45) L9	AR-1268-5	0.000	8.481	0	55652	N.D.	0.088 #

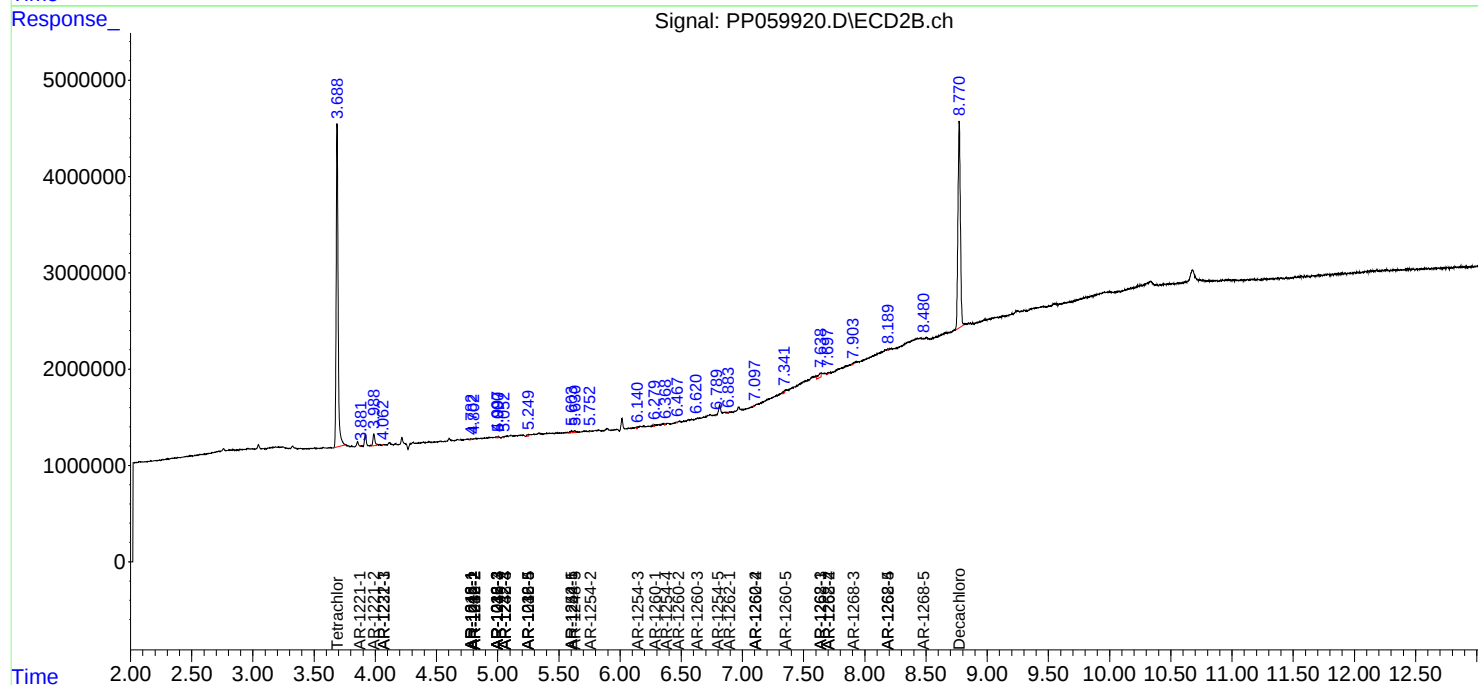
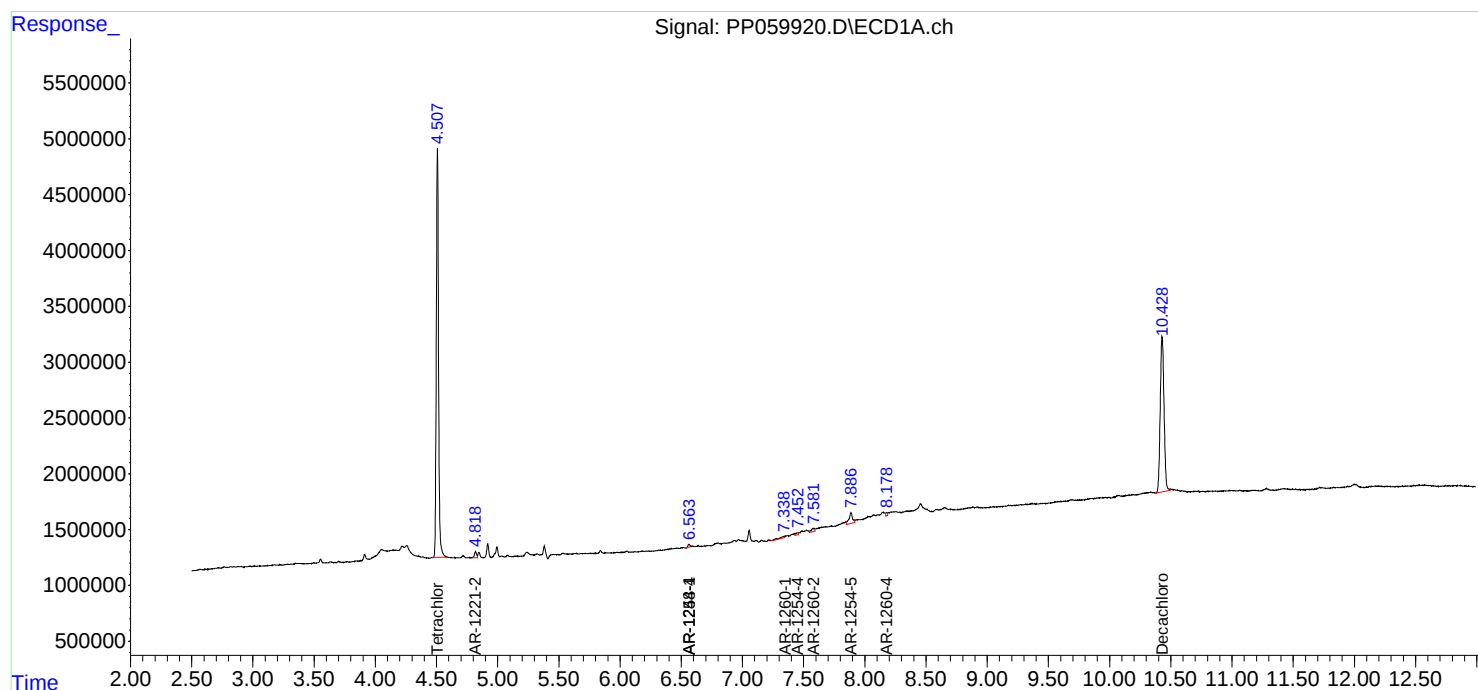
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

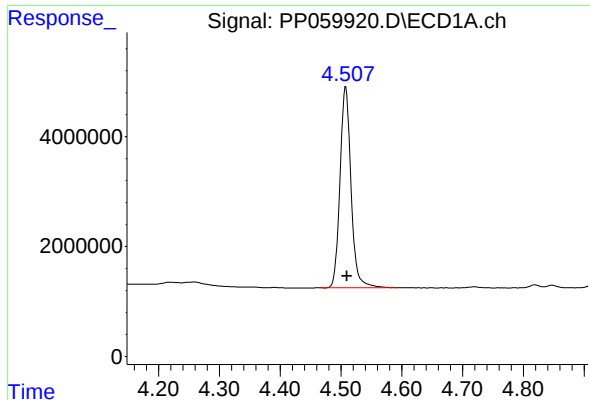
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091823\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

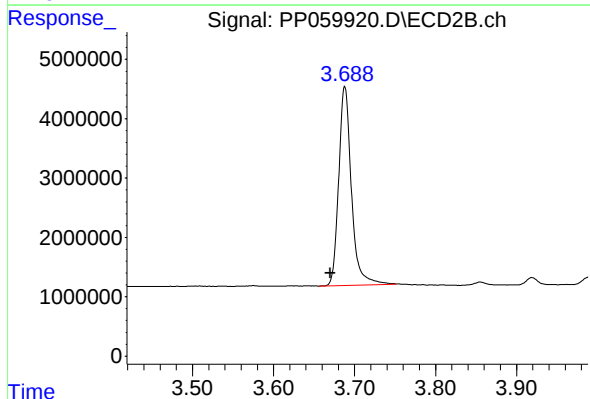




#1 Tetrachloro-m-xylene

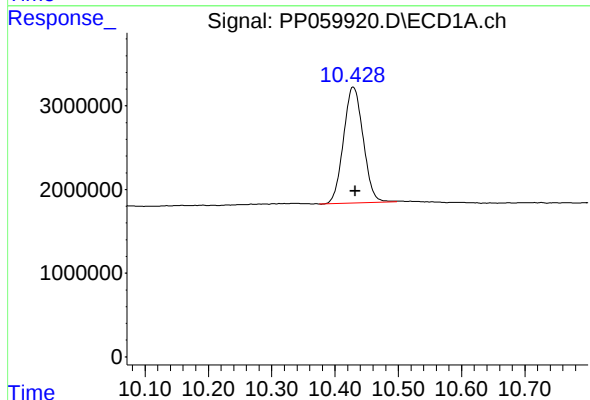
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 45995112
Conc: 22.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



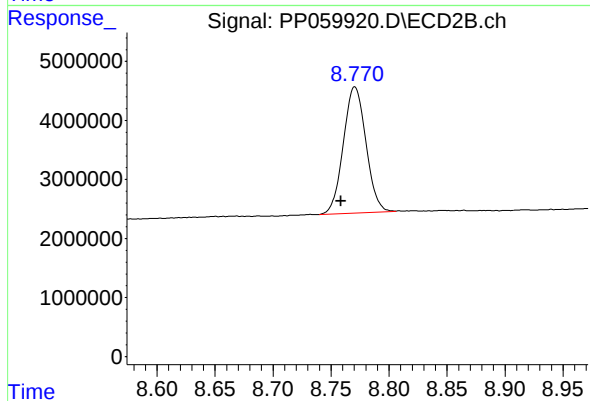
#1 Tetrachloro-m-xylene

R.T.: 3.688 min
Delta R.T.: 0.018 min
Response: 36644558
Conc: 22.50 ng/ml



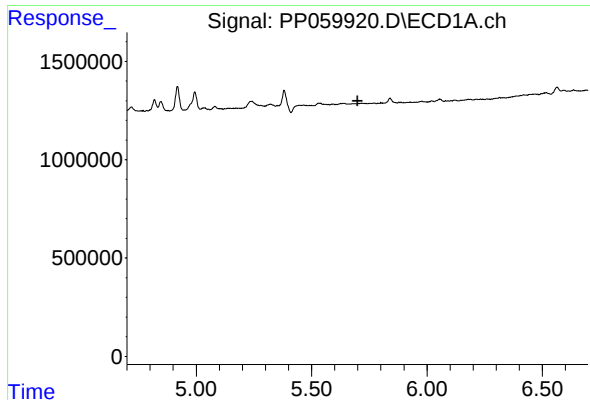
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: -0.003 min
Response: 29958404
Conc: 19.64 ng/ml



#2 Decachlorobiphenyl

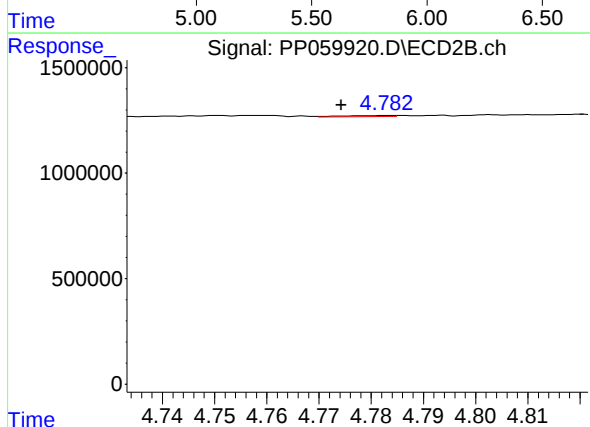
R.T.: 8.770 min
Delta R.T.: 0.012 min
Response: 29226059
Conc: 19.30 ng/ml



#3 AR-1016-1

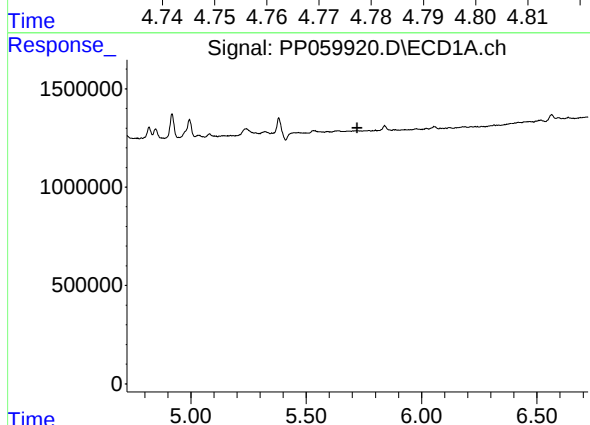
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



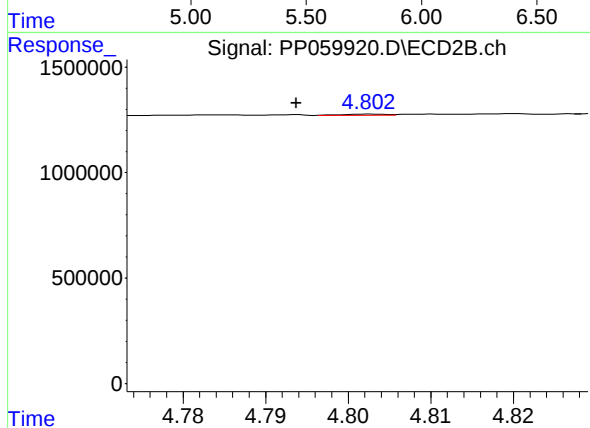
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: 0.009 min
Response: 42860
Conc: 0.71 ng/ml



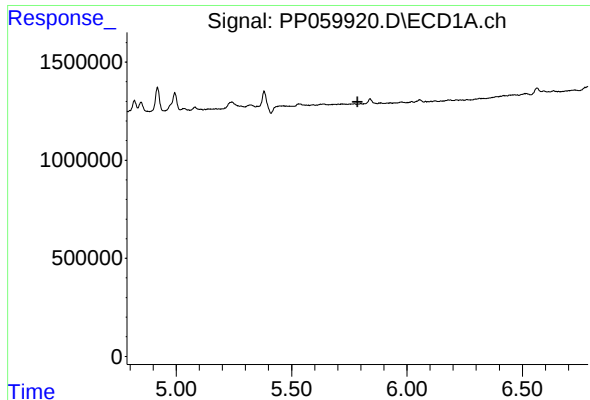
#4 AR-1016-2

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



#4 AR-1016-2

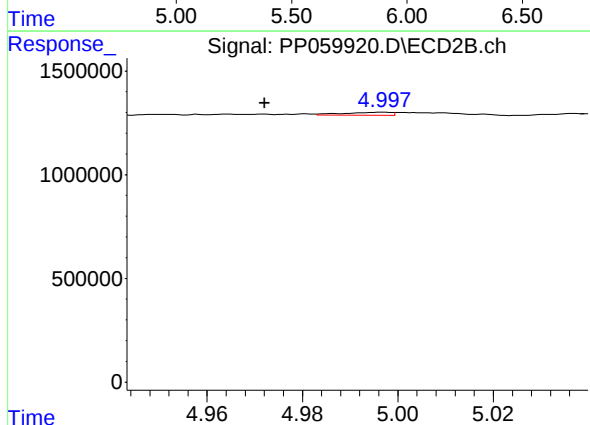
R.T.: 4.803 min
Delta R.T.: 0.009 min
Response: 18975
Conc: 0.23 ng/ml



#5 AR-1016-3

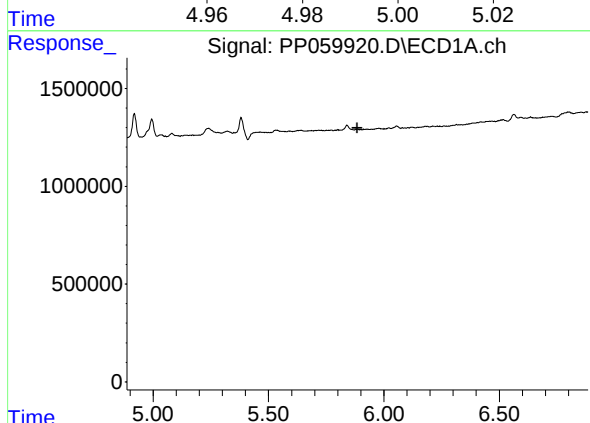
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



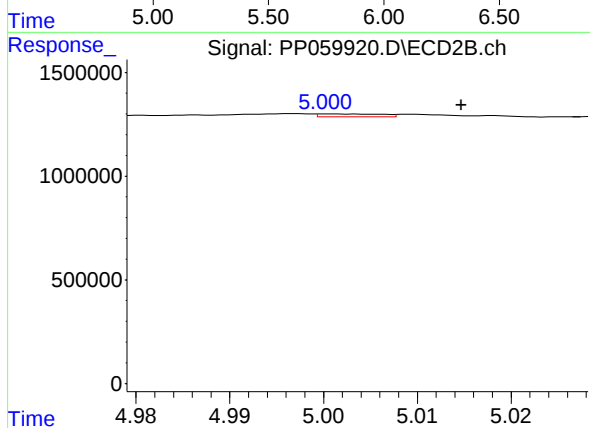
#5 AR-1016-3

R.T.: 4.997 min
Delta R.T.: 0.025 min
Response: 99661
Conc: 2.22 ng/ml



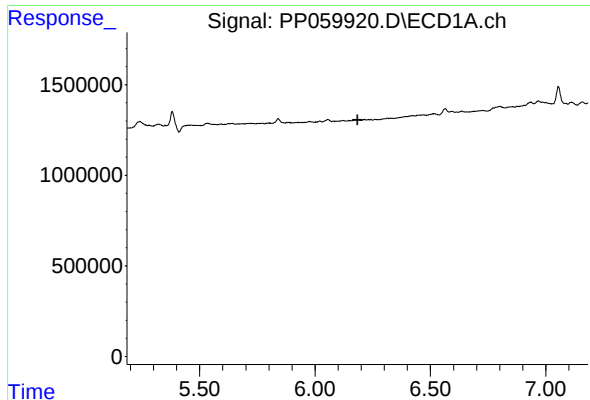
#6 AR-1016-4

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



#6 AR-1016-4

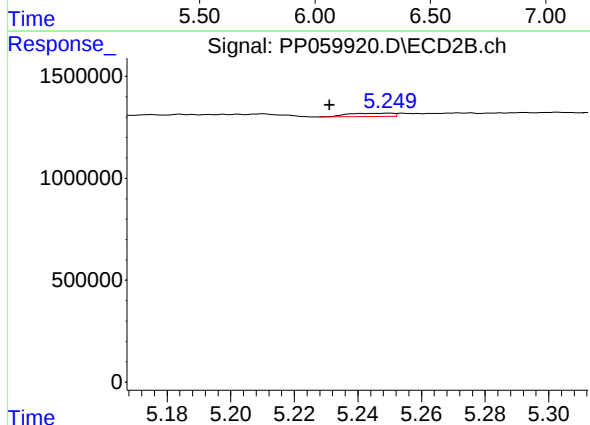
R.T.: 5.001 min
Delta R.T.: -0.014 min
Response: 62937
Conc: 1.78 ng/ml



#7 AR-1016-5

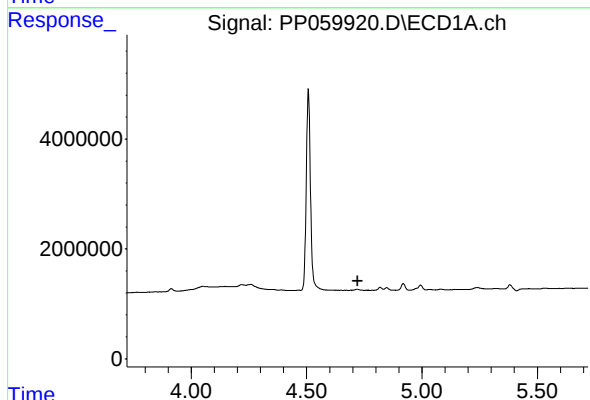
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



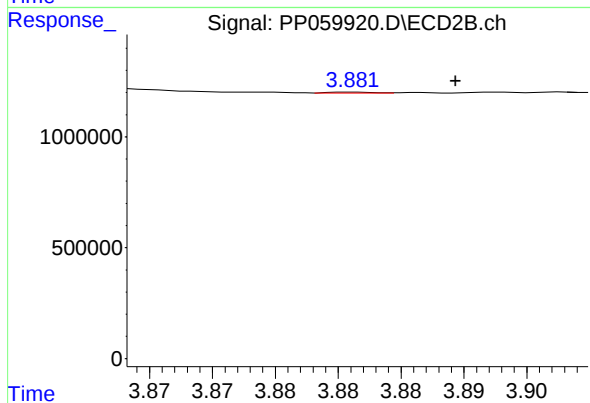
#7 AR-1016-5

R.T.: 5.250 min
Delta R.T.: 0.019 min
Response: 160662
Conc: 3.46 ng/ml



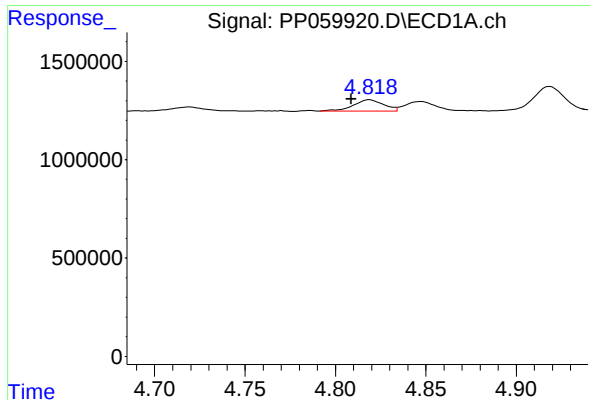
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.721 min
Response: 0
Conc: N.D.



#8 AR-1221-1

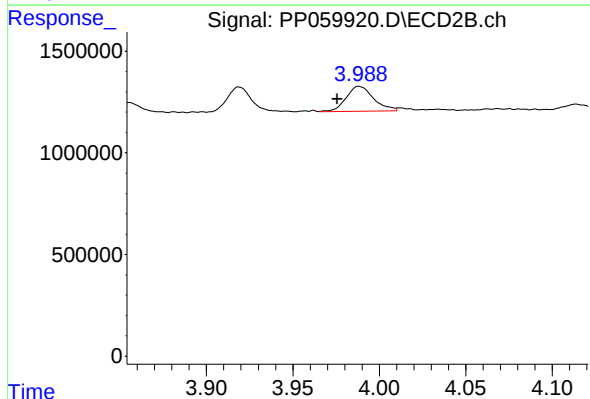
R.T.: 3.881 min
Delta R.T.: -0.008 min
Response: 10764
Conc: 0.49 ng/ml



#9 AR-1221-2

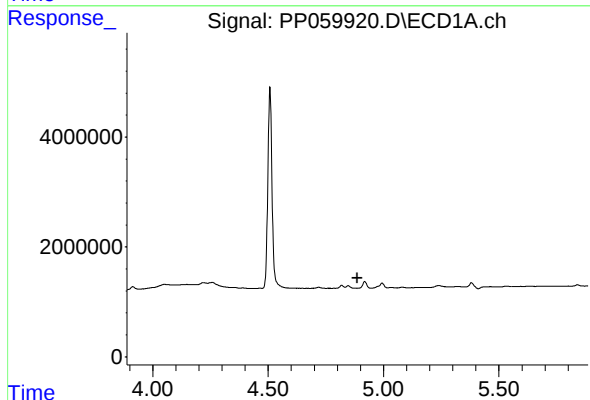
R.T.: 4.819 min
Delta R.T.: 0.010 min
Response: 664354
Conc: 33.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



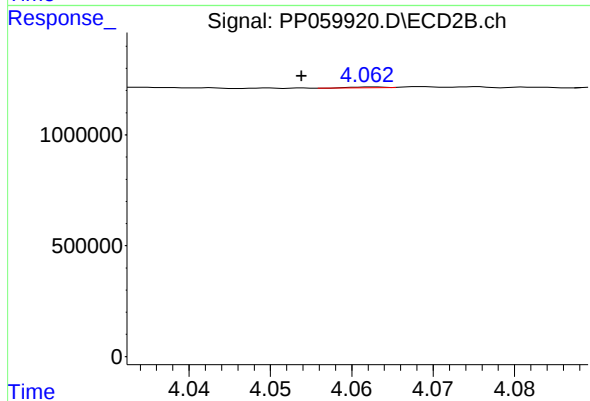
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: 0.012 min
Response: 1346178
Conc: 87.19 ng/ml



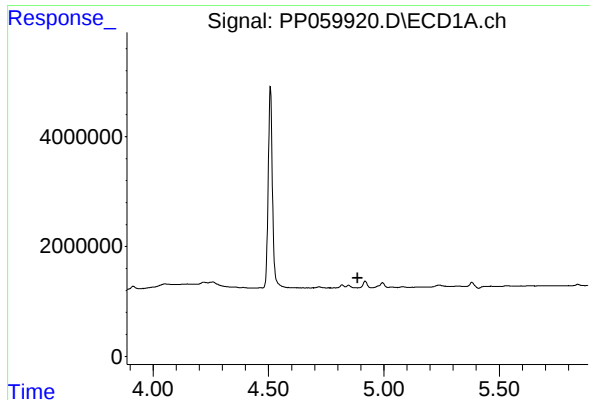
#10 AR-1221-3

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



#10 AR-1221-3

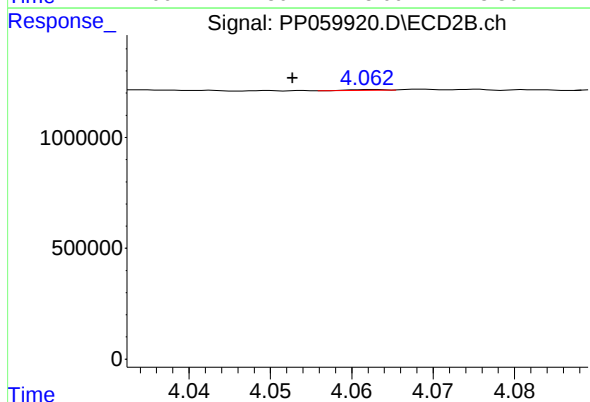
R.T.: 4.063 min
Delta R.T.: 0.009 min
Response: 9729
Conc: 0.21 ng/ml



#11 AR-1232-1

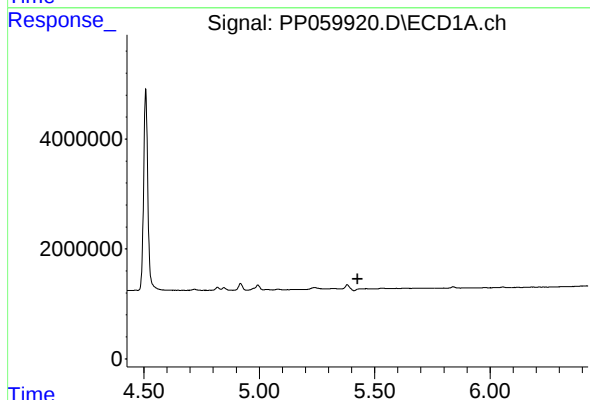
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



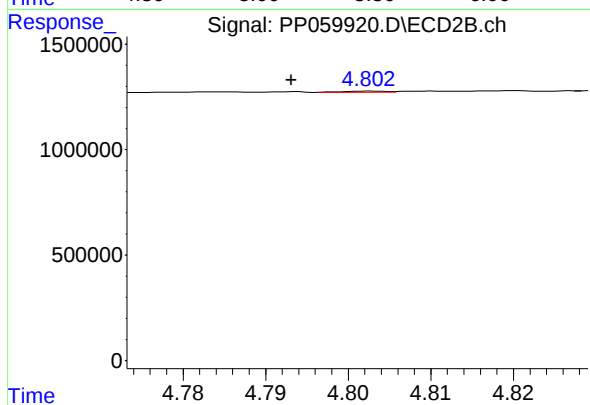
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: 0.010 min
Response: 9729
Conc: 0.26 ng/ml



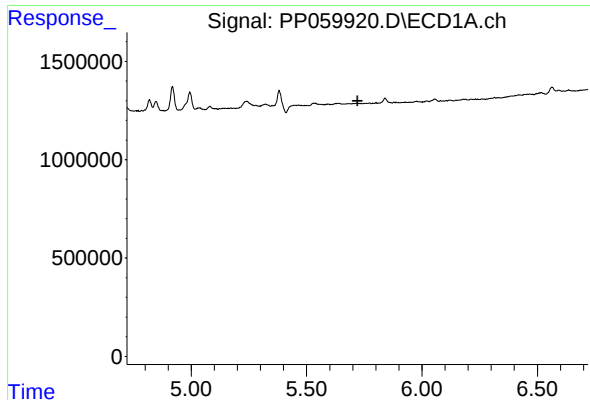
#12 AR-1232-2

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



#12 AR-1232-2

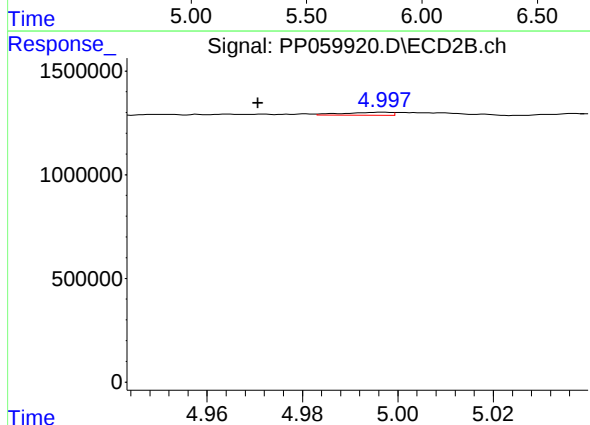
R.T.: 4.803 min
Delta R.T.: 0.009 min
Response: 18975
Conc: 0.51 ng/ml



#13 AR-1232-3

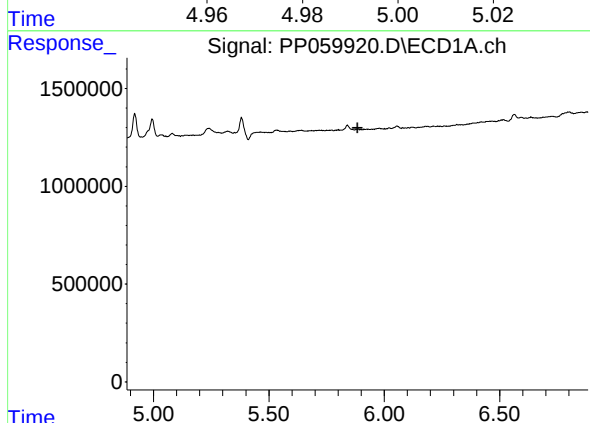
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



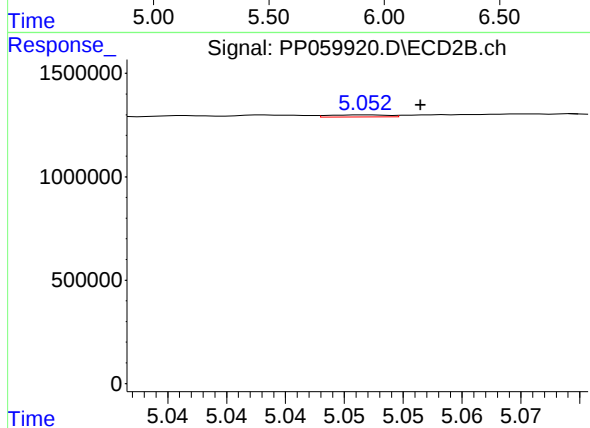
#13 AR-1232-3

R.T.: 4.997 min
Delta R.T.: 0.026 min
Response: 99661
Conc: 4.98 ng/ml



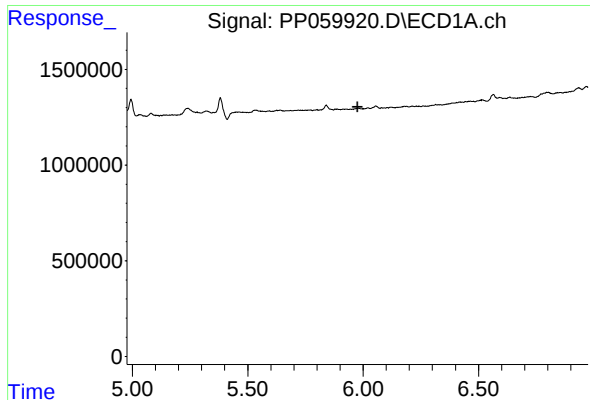
#14 AR-1232-4

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



#14 AR-1232-4

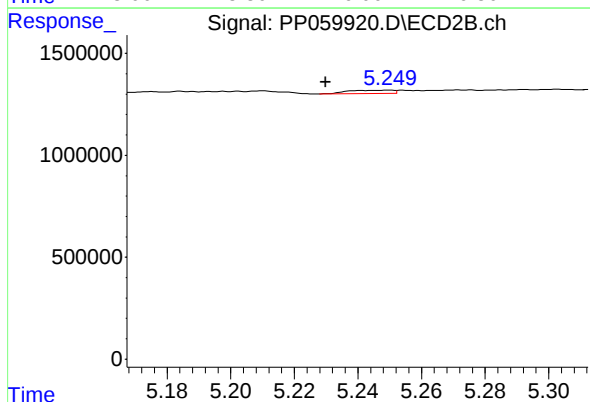
R.T.: 5.052 min
Delta R.T.: -0.004 min
Response: 32953
Conc: 1.80 ng/ml



#15 AR-1232-5

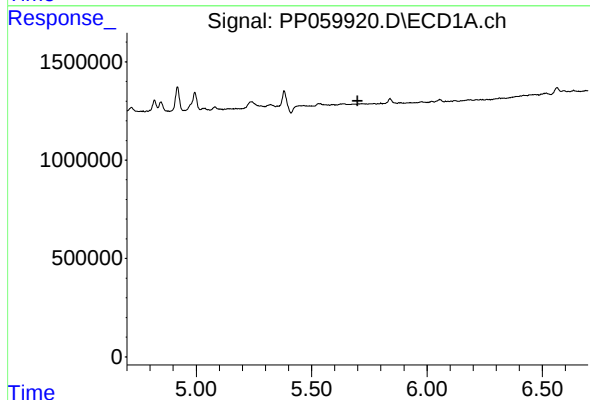
R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



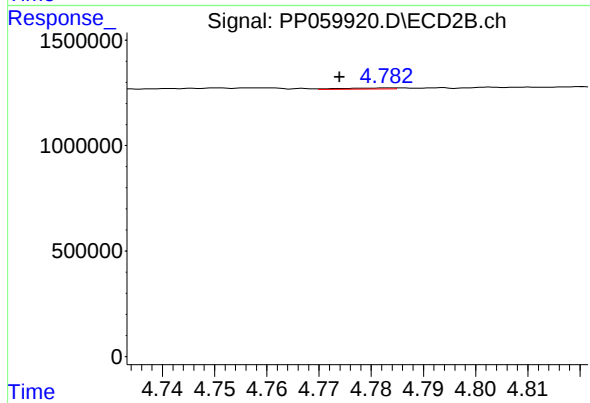
#15 AR-1232-5

R.T.: 5.250 min
Delta R.T.: 0.020 min
Response: 160662
Conc: 8.01 ng/ml



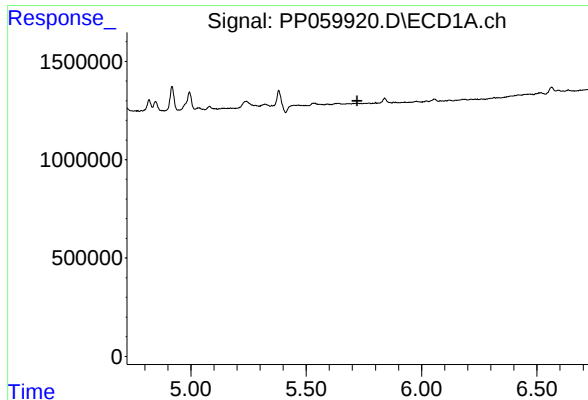
#16 AR-1242-1

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



#16 AR-1242-1

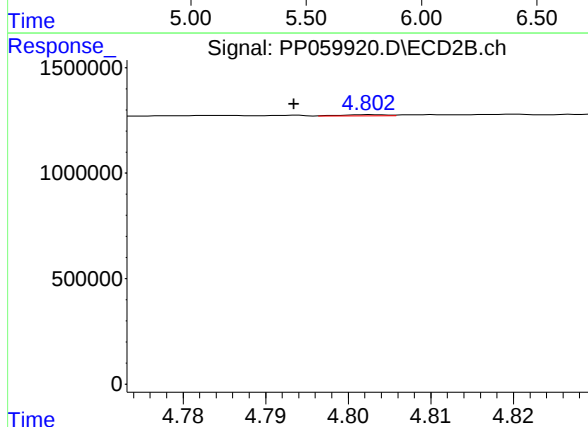
R.T.: 4.783 min
Delta R.T.: 0.009 min
Response: 42860
Conc: 0.81 ng/ml



#17 AR-1242-2

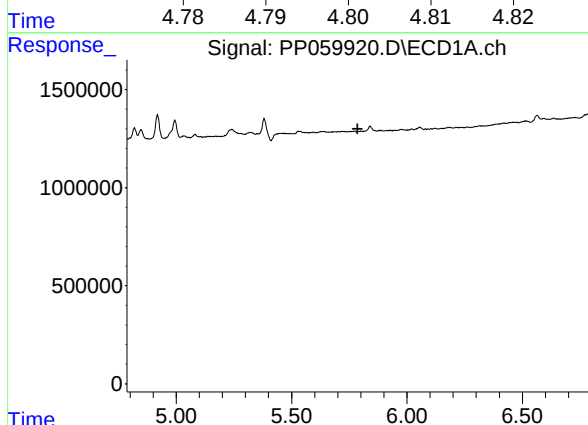
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



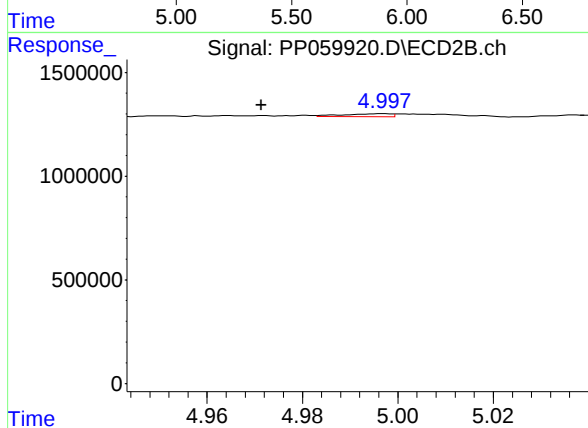
#17 AR-1242-2

R.T.: 4.803 min
Delta R.T.: 0.009 min
Response: 18975
Conc: 0.26 ng/ml



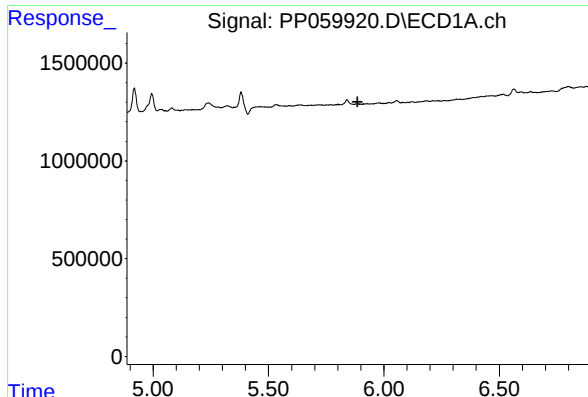
#18 AR-1242-3

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



#18 AR-1242-3

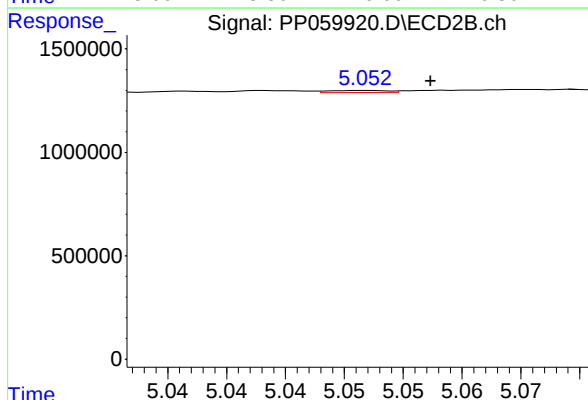
R.T.: 4.997 min
Delta R.T.: 0.026 min
Response: 99661
Conc: 2.55 ng/ml



#19 AR-1242-4

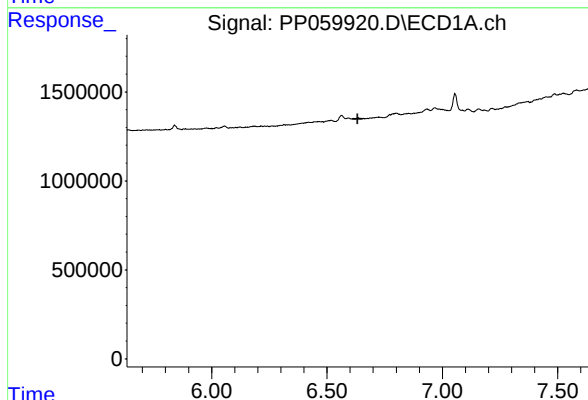
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



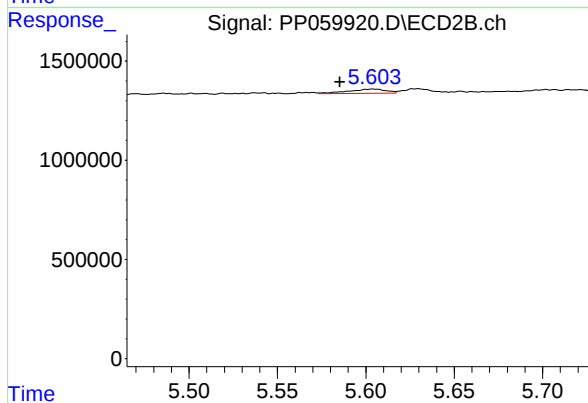
#19 AR-1242-4

R.T.: 5.052 min
Delta R.T.: -0.005 min
Response: 32953
Conc: 0.84 ng/ml



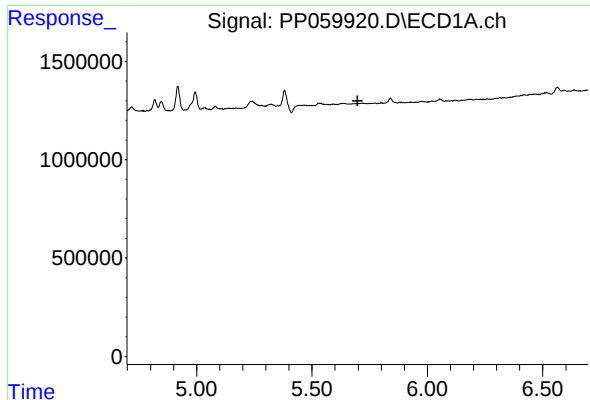
#20 AR-1242-5

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



#20 AR-1242-5

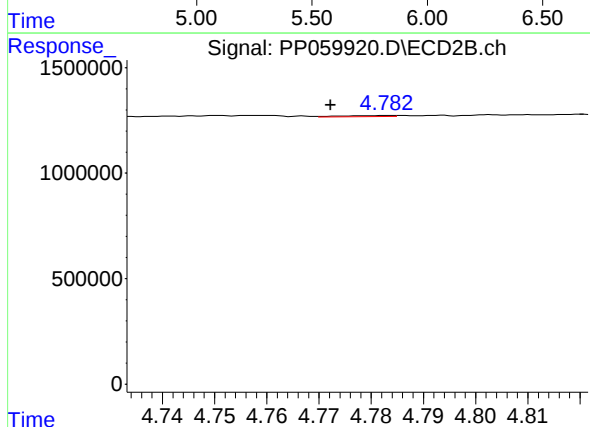
R.T.: 5.604 min
Delta R.T.: 0.018 min
Response: 323126
Conc: 6.68 ng/ml



#21 AR-1248-1

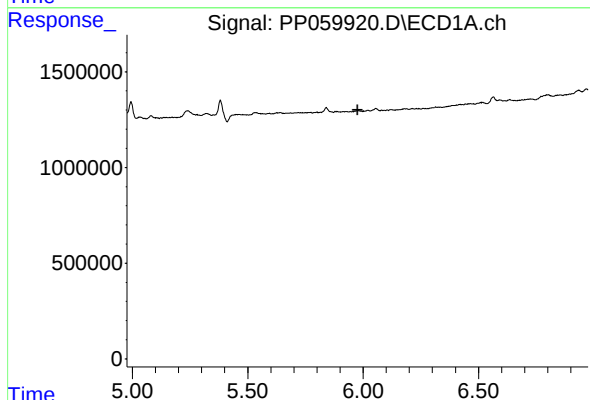
R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



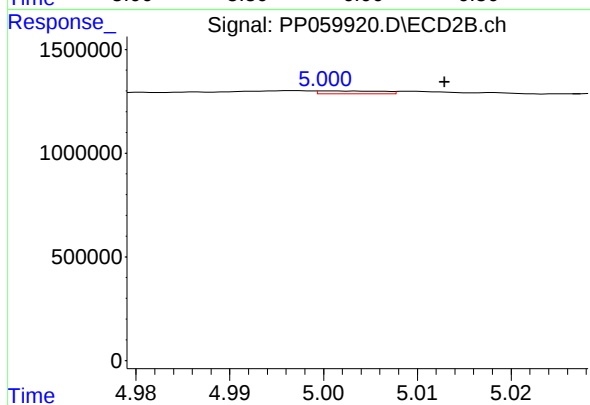
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.011 min
Response: 42860
Conc: 1.10 ng/ml



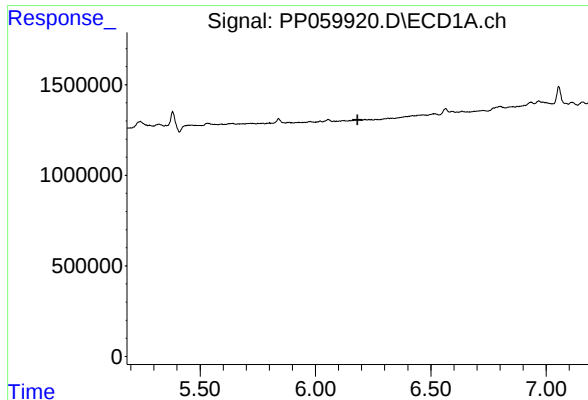
#22 AR-1248-2

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



#22 AR-1248-2

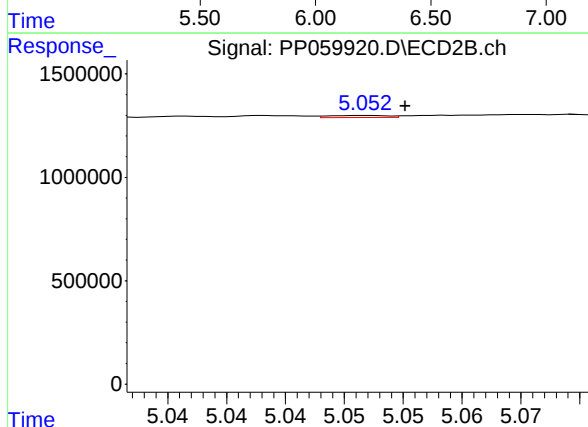
R.T.: 5.001 min
Delta R.T.: -0.012 min
Response: 62937
Conc: 1.16 ng/ml



#23 AR-1248-3

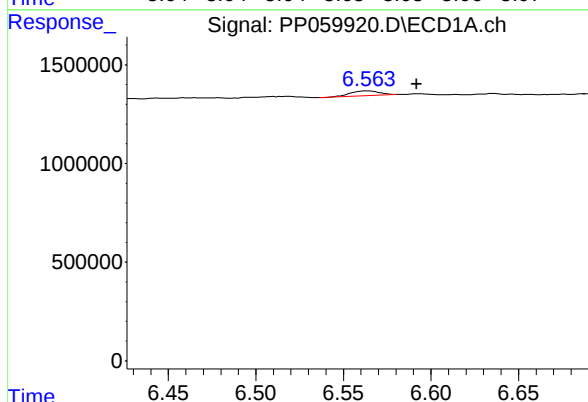
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



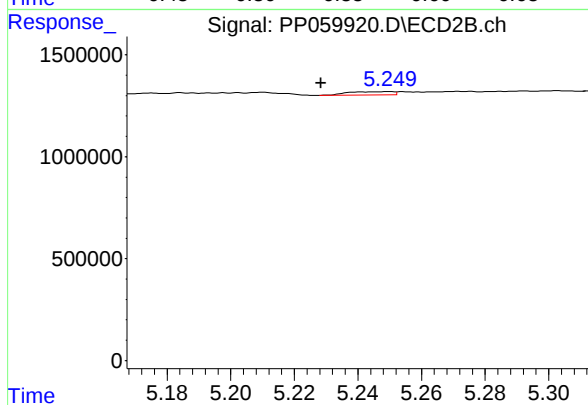
#23 AR-1248-3

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 32953
Conc: 0.58 ng/ml



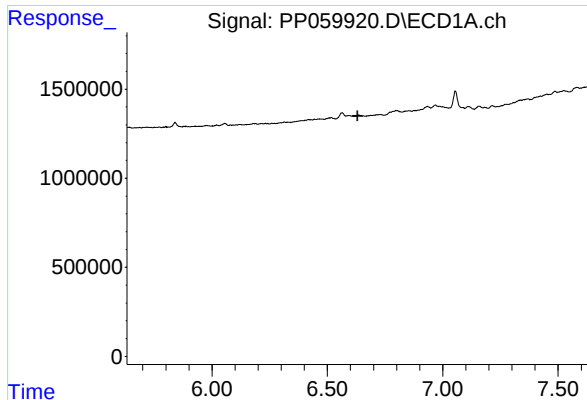
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: -0.028 min
Response: 285366
Conc: 3.69 ng/ml



#24 AR-1248-4

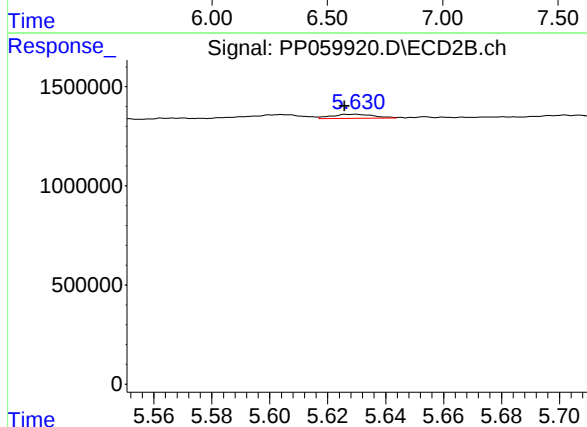
R.T.: 5.250 min
Delta R.T.: 0.021 min
Response: 160662
Conc: 2.39 ng/ml



#25 AR-1248-5

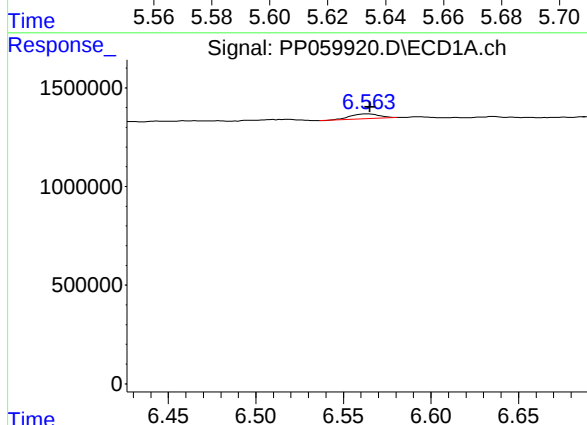
R.T.: 0.000 min
Exp R.T.: 6.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



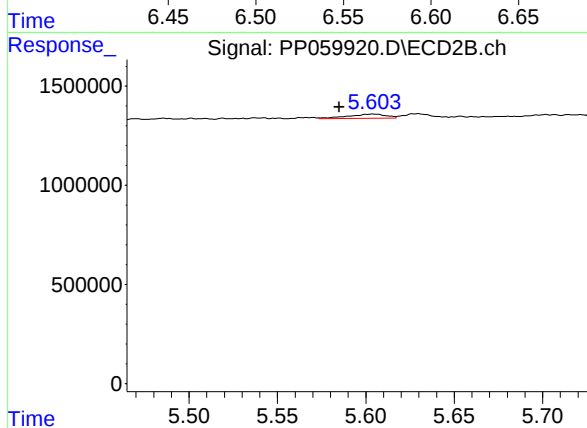
#25 AR-1248-5

R.T.: 5.630 min
Delta R.T.: 0.004 min
Response: 209629
Conc: 3.18 ng/ml



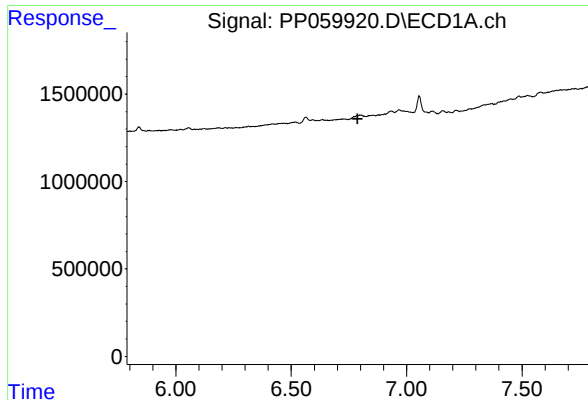
#26 AR-1254-1

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 285366
Conc: 3.57 ng/ml



#26 AR-1254-1

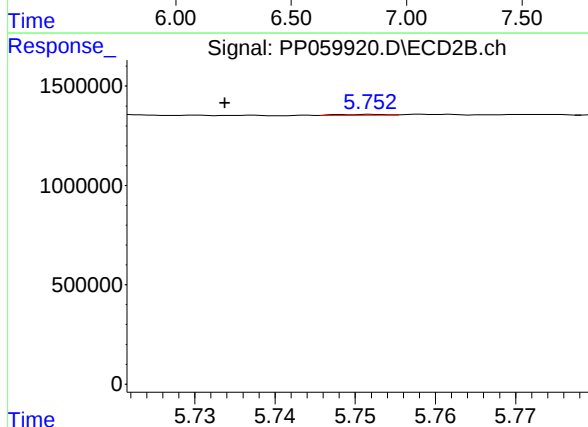
R.T.: 5.604 min
Delta R.T.: 0.019 min
Response: 323126
Conc: 3.22 ng/ml



#27 AR-1254-2

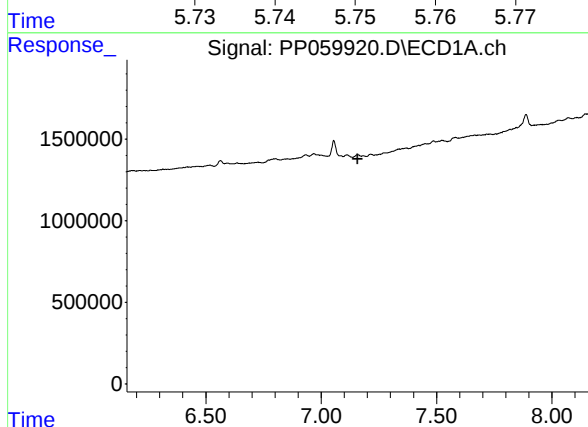
R.T.: 0.000 min
Exp R.T.: 6.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



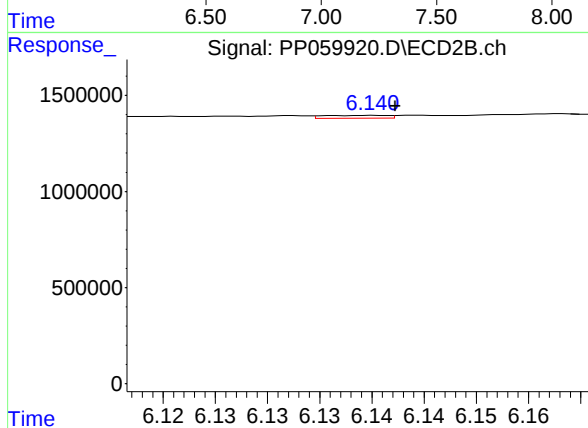
#27 AR-1254-2

R.T.: 5.752 min
Delta R.T.: 0.019 min
Response: 18523
Conc: 0.21 ng/ml



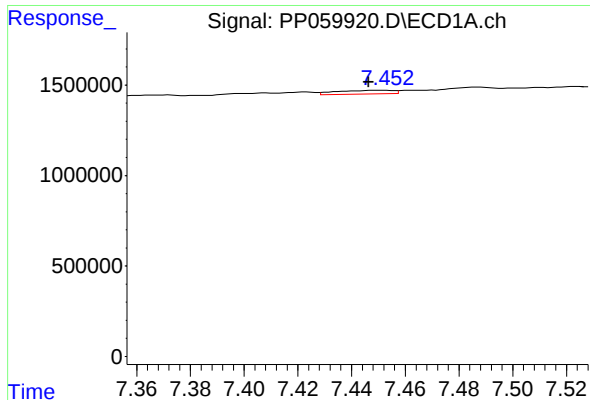
#28 AR-1254-3

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



#28 AR-1254-3

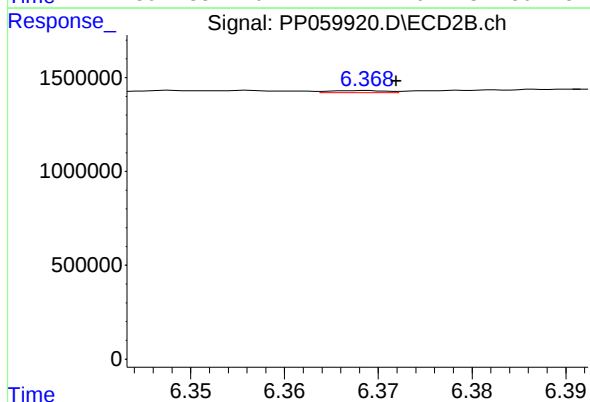
R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 64147
Conc: 0.46 ng/ml



#29 AR-1254-4

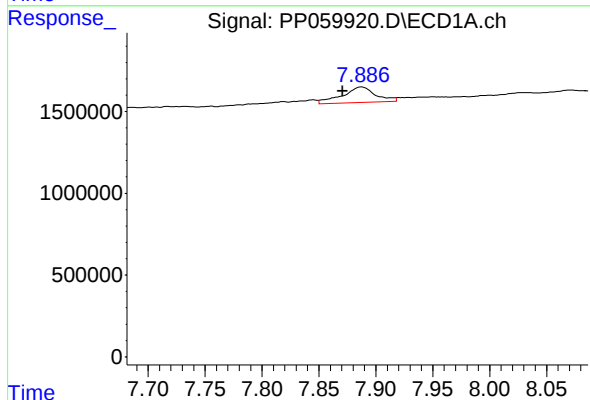
R.T.: 7.451 min
Delta R.T.: 0.005 min
Response: 291677
Conc: 3.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



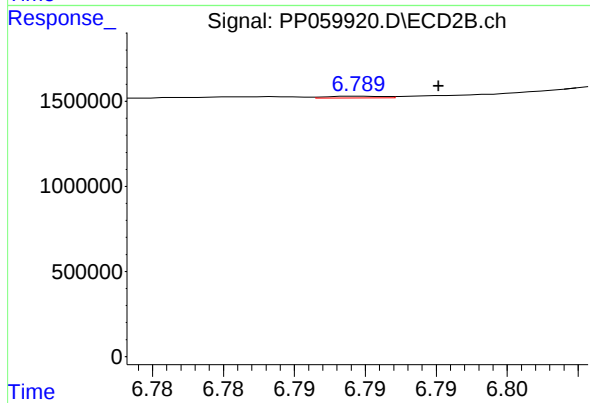
#29 AR-1254-4

R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 47596
Conc: 0.57 ng/ml



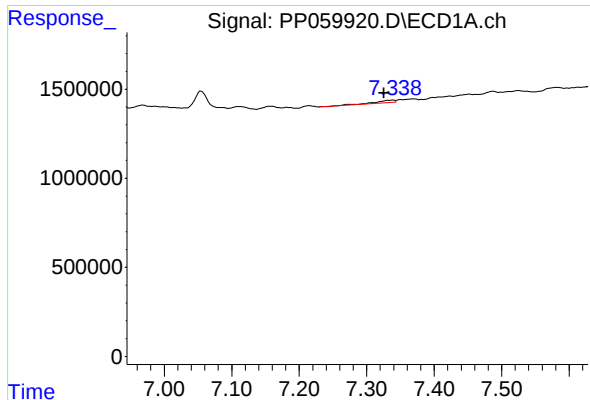
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.016 min
Response: 1953666
Conc: 20.08 ng/ml



#30 AR-1254-5

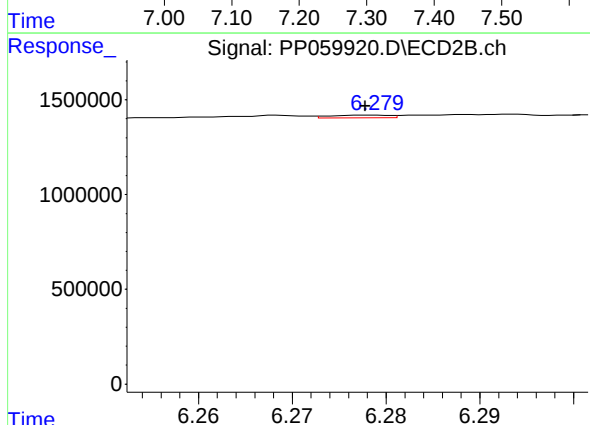
R.T.: 6.790 min
Delta R.T.: -0.005 min
Response: 26998
Conc: 0.23 ng/ml



#31 AR-1260-1

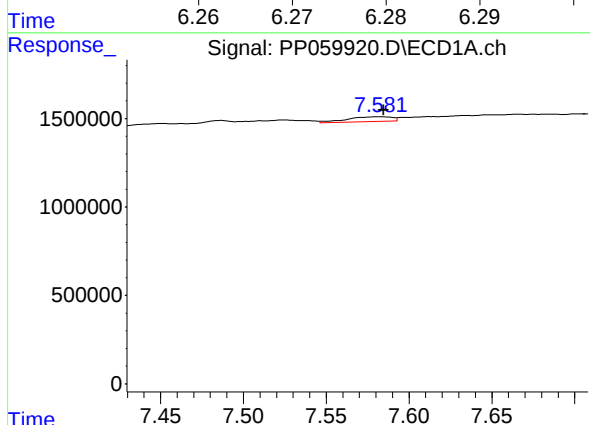
R.T.: 7.338 min
Delta R.T.: 0.013 min
Response: 293967
Conc: 3.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



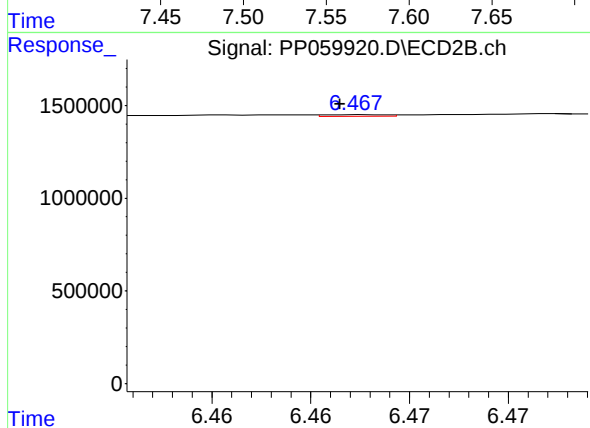
#31 AR-1260-1

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 63625
Conc: 0.68 ng/ml



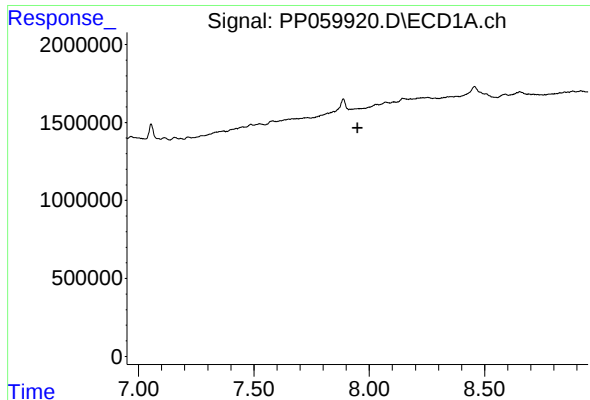
#32 AR-1260-2

R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 543722
Conc: 5.30 ng/ml



#32 AR-1260-2

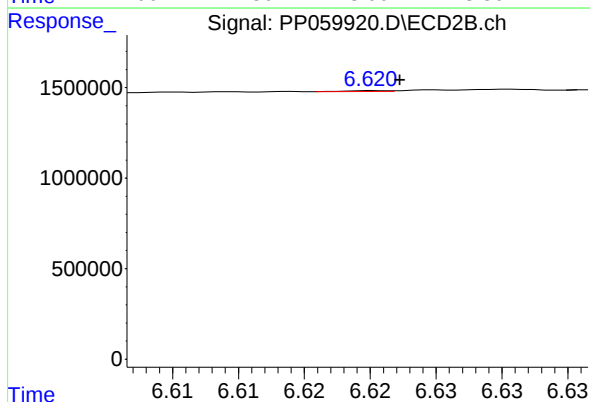
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 18623
Conc: 0.17 ng/ml



#33 AR-1260-3

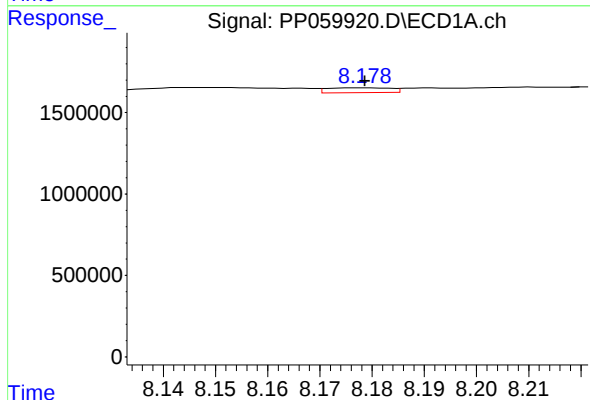
R.T.: 0.000 min
Exp R.T.: 7.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



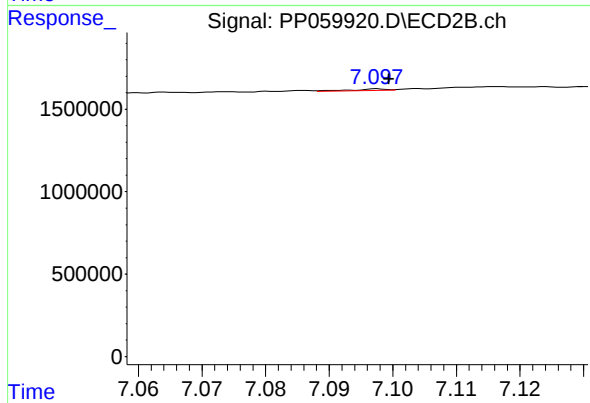
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.002 min
Response: 10209
Conc: 0.10 ng/ml



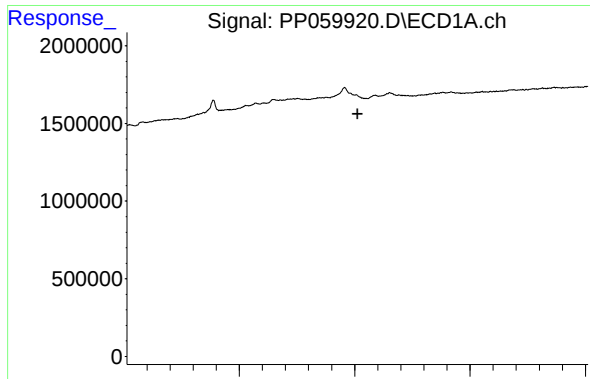
#34 AR-1260-4

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 246172
Conc: 2.75 ng/ml



#34 AR-1260-4

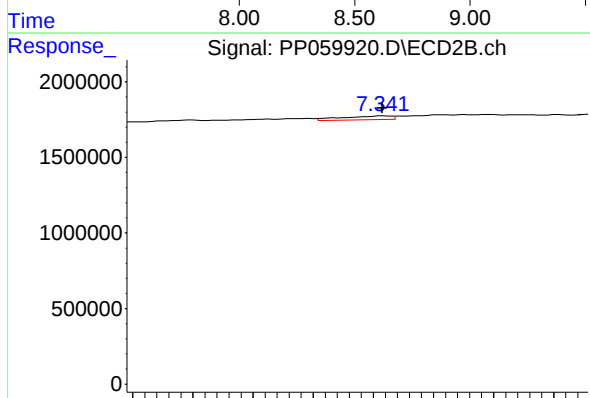
R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 35285
Conc: 0.42 ng/ml



#35 AR-1260-5

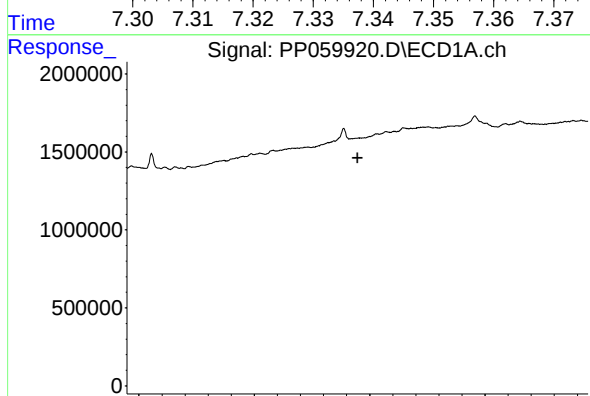
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



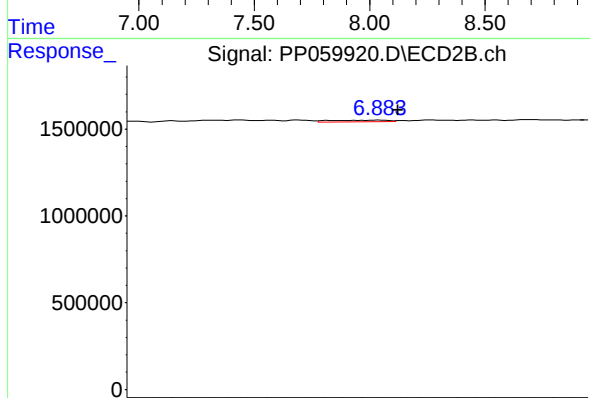
#35 AR-1260-5

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 143496
Conc: 0.75 ng/ml



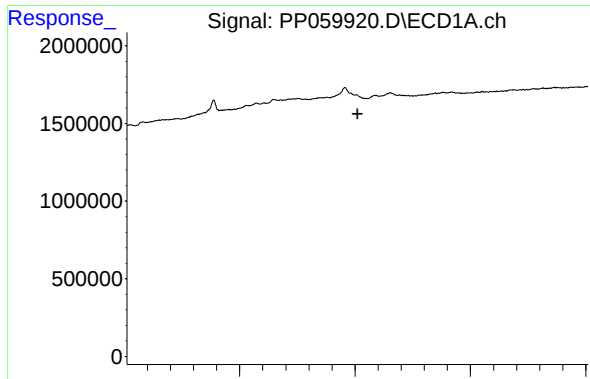
#36 AR-1262-1

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



#36 AR-1262-1

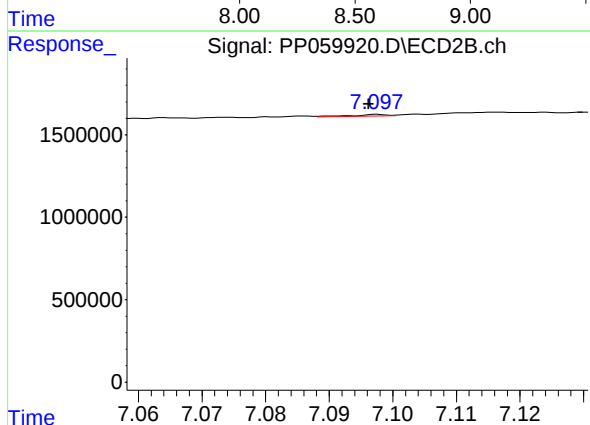
R.T.: 6.883 min
Delta R.T.: -0.004 min
Response: 76116
Conc: 1.51 ng/ml



#37 AR-1262-2

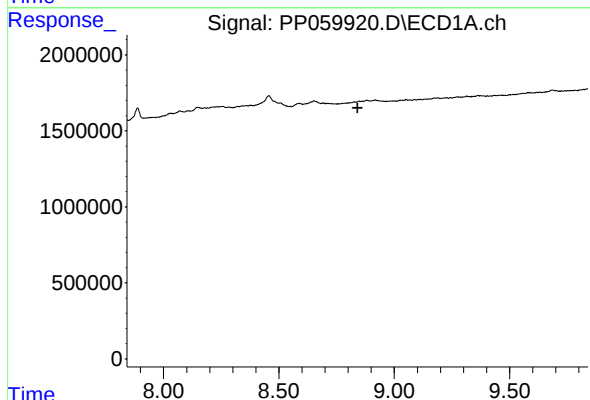
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



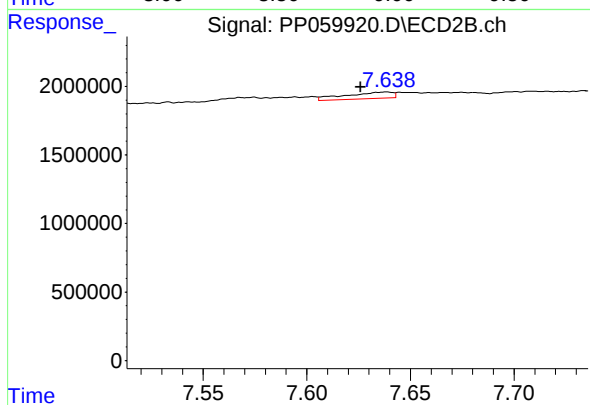
#37 AR-1262-2

R.T.: 7.098 min
Delta R.T.: 0.001 min
Response: 35285
Conc: 0.31 ng/ml



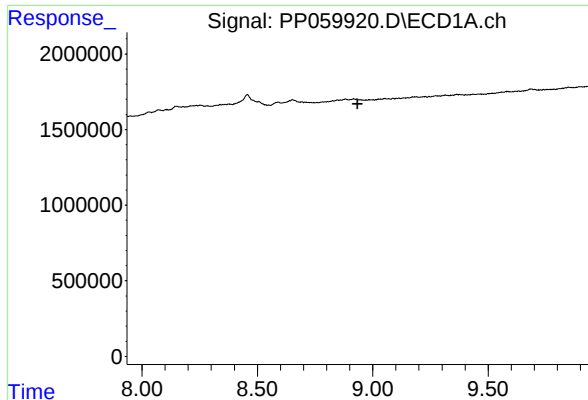
#38 AR-1262-3

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



#38 AR-1262-3

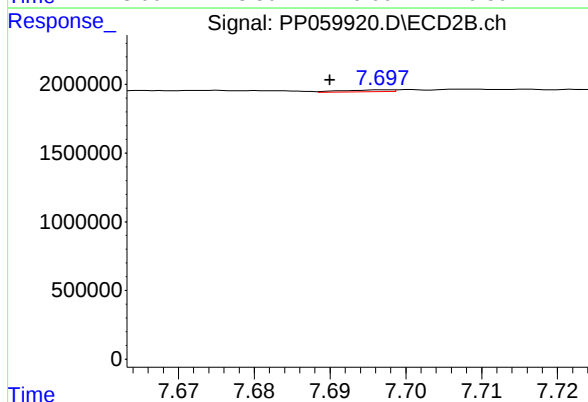
R.T.: 7.639 min
Delta R.T.: 0.013 min
Response: 746829
Conc: 8.52 ng/ml



#39 AR-1262-4

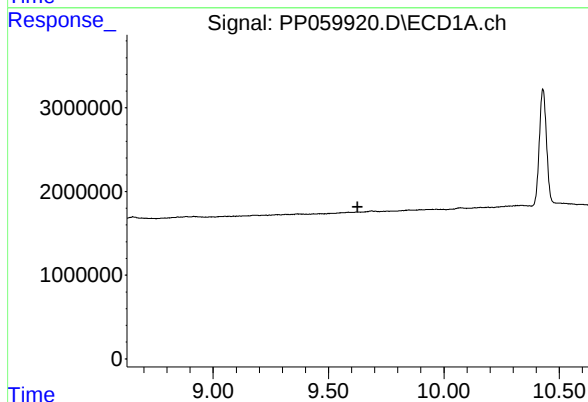
R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



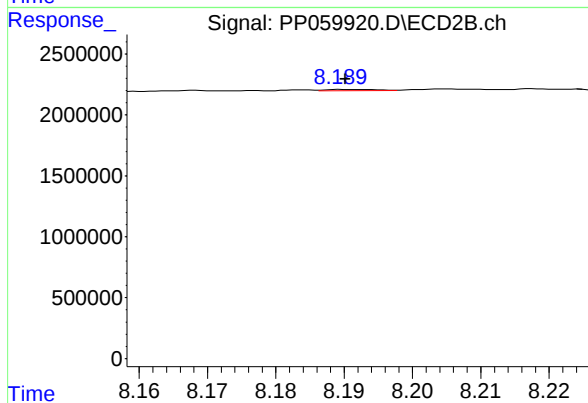
#39 AR-1262-4

R.T.: 7.697 min
Delta R.T.: 0.007 min
Response: 58424
Conc: 0.36 ng/ml



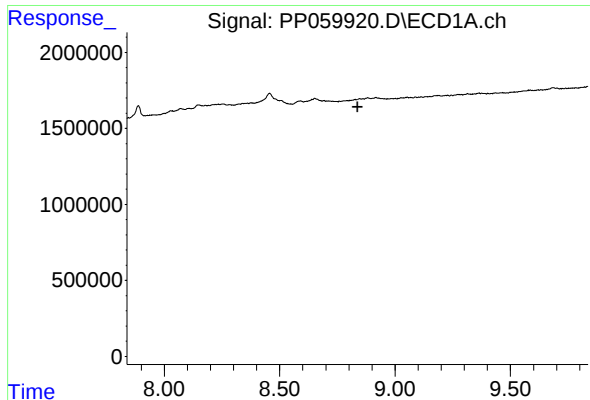
#40 AR-1262-5

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



#40 AR-1262-5

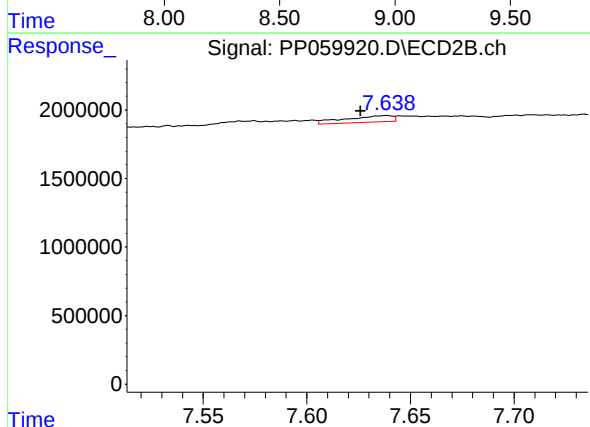
R.T.: 8.190 min
Delta R.T.: 0.000 min
Response: 56708
Conc: 0.76 ng/ml



#41 AR-1268-1

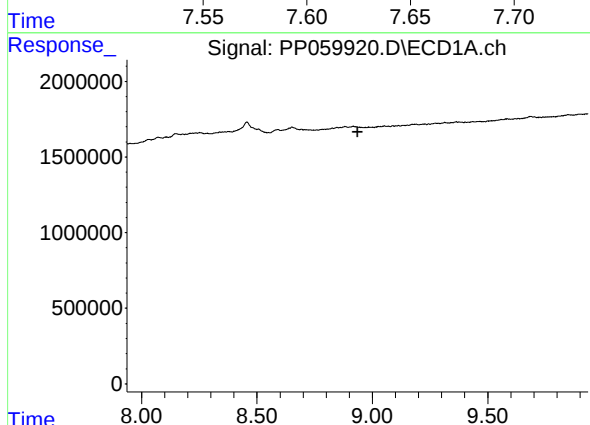
R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



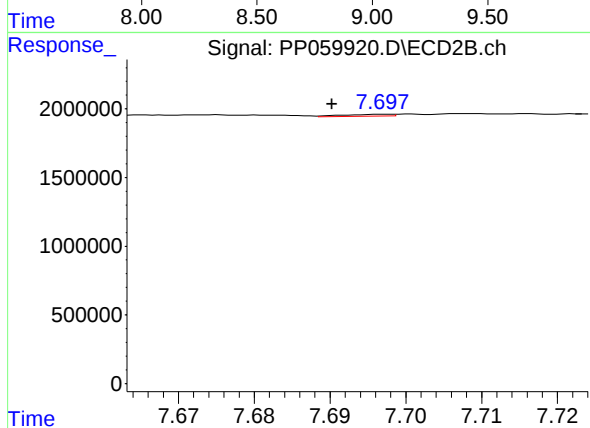
#41 AR-1268-1

R.T.: 7.639 min
Delta R.T.: 0.013 min
Response: 746829
Conc: 2.87 ng/ml



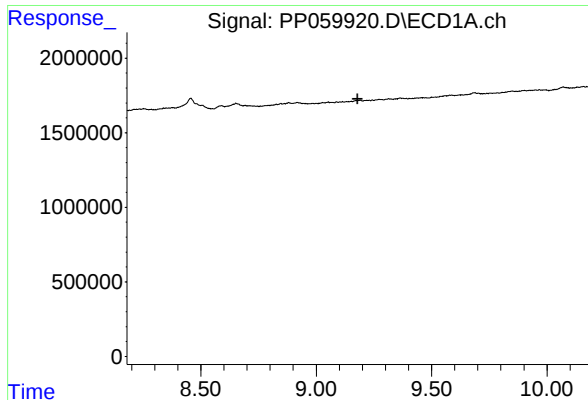
#42 AR-1268-2

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



#42 AR-1268-2

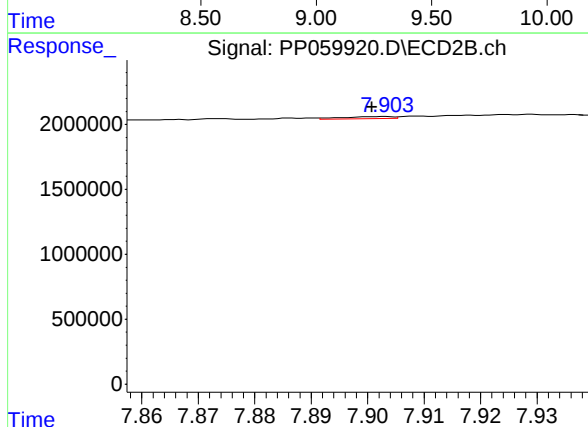
R.T.: 7.697 min
Delta R.T.: 0.007 min
Response: 58424
Conc: 0.25 ng/ml



#43 AR-1268-3

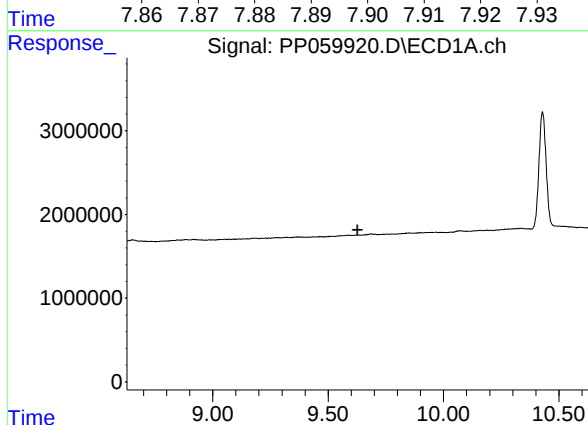
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



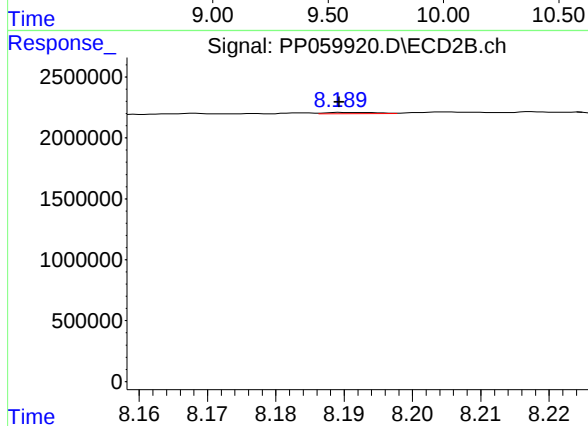
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: 0.002 min
Response: 98982
Conc: 0.48 ng/ml



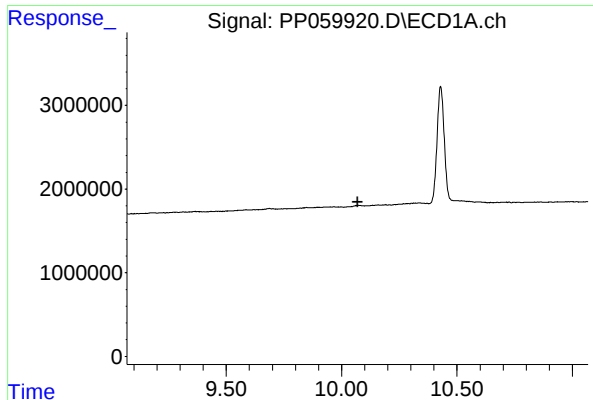
#44 AR-1268-4

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



#44 AR-1268-4

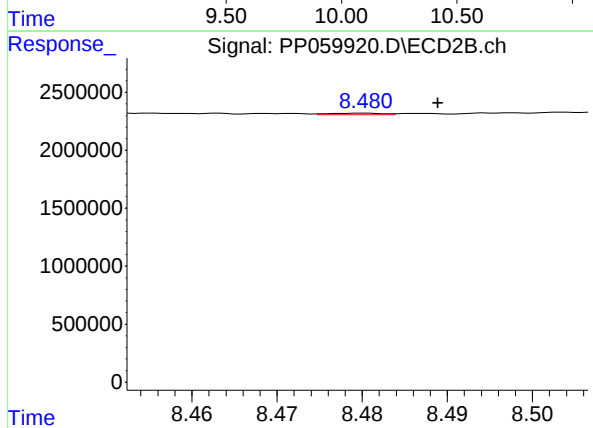
R.T.: 8.190 min
Delta R.T.: 0.000 min
Response: 56708
Conc: 0.70 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.481 min
Delta R.T.: -0.008 min
Response: 55652
Conc: 0.09 ng/ml