

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091823\
 Data File : PP059881.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2023 17:54
 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: Sep 19 09:24:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.511	3.671	42584673	34091304	20.471	20.929
2) SA Decachlor...	10.432	8.759	32082371	31376615	21.033	20.722
Target Compounds						
3) L1 AR-1016-1	0.000	4.772	0	21734	N.D.	0.362 #
4) L1 AR-1016-2	0.000	4.779f	0	40819	N.D.	0.492 #
5) L1 AR-1016-3	5.769f	4.970	561302	11085	9.430	0.247 #
6) L1 AR-1016-4	0.000	5.005	0	16928	N.D.	0.480 #
7) L1 AR-1016-5	0.000	5.229	0	26572	N.D.	0.571 #
8) L2 AR-1221-1	0.000	3.883	0	16100	N.D.	0.733 #
9) L2 AR-1221-2	4.822	3.976	1045549	423417	53.119	27.425 #
10) L2 AR-1221-3	0.000	4.064	0	22236	N.D.	0.474 #
11) L3 AR-1232-1	0.000	4.064	0	22236	N.D.	0.585 #
12) L3 AR-1232-2	0.000	4.779	0	40819	N.D.	1.107 #
13) L3 AR-1232-3	0.000	4.970	0	11085	N.D.	0.554 #
14) L3 AR-1232-4	0.000	5.050	0	17866	N.D.	0.978 #
15) L3 AR-1232-5	0.000	5.229	0	26572	N.D.	1.325 #
16) L4 AR-1242-1	0.000	4.772	0	21734	N.D.	0.413 #
17) L4 AR-1242-2	0.000	4.779	0	40819	N.D.	0.566 #
18) L4 AR-1242-3	5.769f	4.970	561302	11085	10.732	0.283 #
19) L4 AR-1242-4	0.000	5.050	0	17866	N.D.	0.456 #
20) L4 AR-1242-5	6.651f	5.585	4112720	22884	89.956	0.473 #
21) L5 AR-1248-1	0.000	4.772	0	21734	N.D.	0.556 #
22) L5 AR-1248-2	0.000	5.005	0	16928	N.D.	0.312 #
23) L5 AR-1248-3	0.000	5.050	0	17866	N.D.	0.314 #
24) L5 AR-1248-4	6.568f	5.229	3842067	26572	49.675	0.396 #
25) L5 AR-1248-5	6.651f	5.623	4112720	40100	54.661	0.608 #
26) L6 AR-1254-1	6.568	5.585	3842067	22884	48.124	0.228 #
27) L6 AR-1254-2	6.761f	5.736	7224495	24395	60.319	0.281 #
28) L6 AR-1254-3	7.165	6.147	172945	33205	1.424	0.237 #
29) L6 AR-1254-4	0.000	6.377	0	33458	N.D.	0.397 #
30) L6 AR-1254-5	0.000	6.796	0	109069	N.D.	0.919 #
31) L7 AR-1260-1	0.000	6.276	0	29417	N.D.	0.316 #
32) L7 AR-1260-2	0.000	6.465	0	9698	N.D.	0.088 #
33) L7 AR-1260-3	7.947	6.625	472079	55131	5.994	0.536 #
34) L7 AR-1260-4	0.000	7.097	0	16134	N.D.	0.194 #
35) L7 AR-1260-5	0.000	7.336	0	37741	N.D.	0.196 #
36) L8 AR-1262-1	7.947	6.885	472079	22289	4.079	0.442 #
37) L8 AR-1262-2	0.000	7.097	0	16134	N.D.	0.143 #
38) L8 AR-1262-3	0.000	7.627	0	168981	N.D.	1.928 #
39) L8 AR-1262-4	0.000	7.687	0	174067	N.D.	1.066 #
40) L8 AR-1262-5	0.000	8.187	0	11555	N.D.	0.155 #
41) L9 AR-1268-1	0.000	7.627	0	168981	N.D.	0.649 #

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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	0.000	7.687	0	174067	N.D.	0.753 #
43) L9	AR-1268-3	0.000	7.908	0	106382	N.D.	0.521 #
44) L9	AR-1268-4	0.000	8.187	0	11555	N.D.	0.143 #
45) L9	AR-1268-5	0.000	8.492	0	117155	N.D.	0.185 #

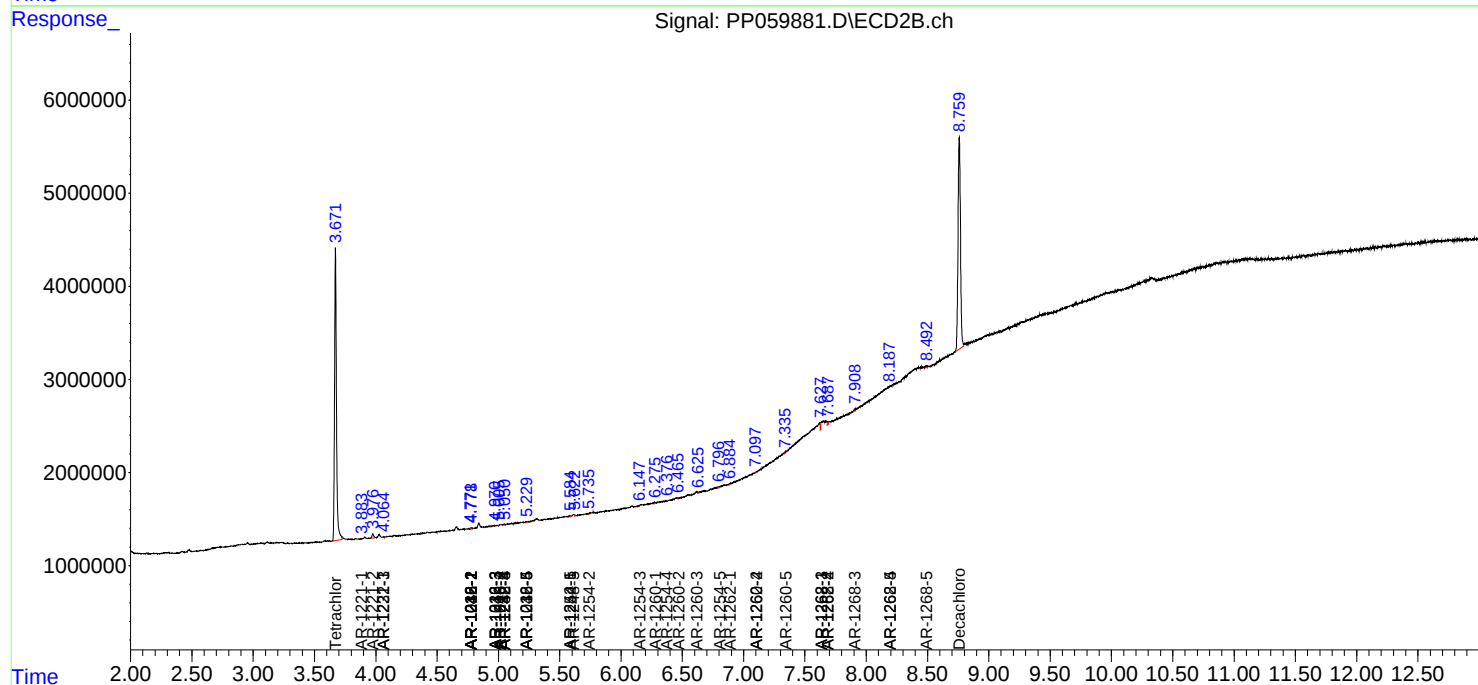
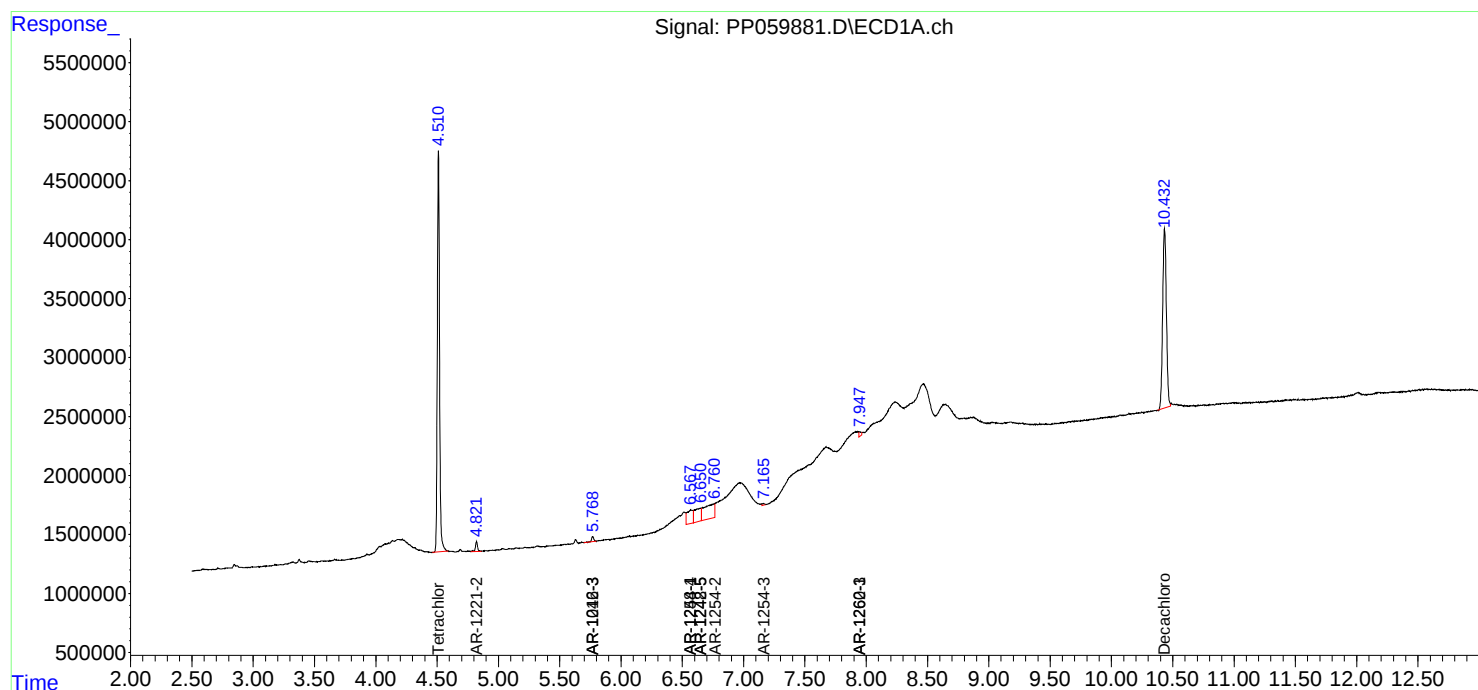
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

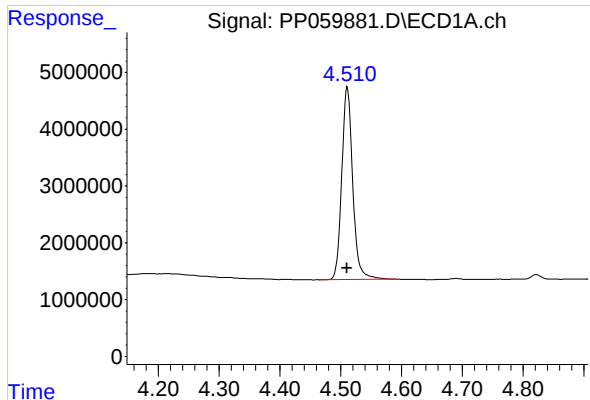
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091823\
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Integrator: ChemStation

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

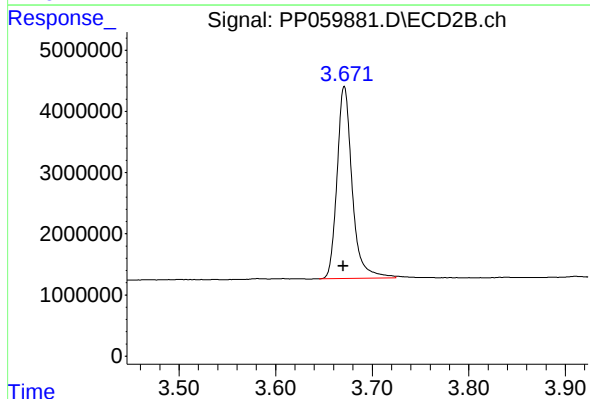




#1 Tetrachloro-m-xylene

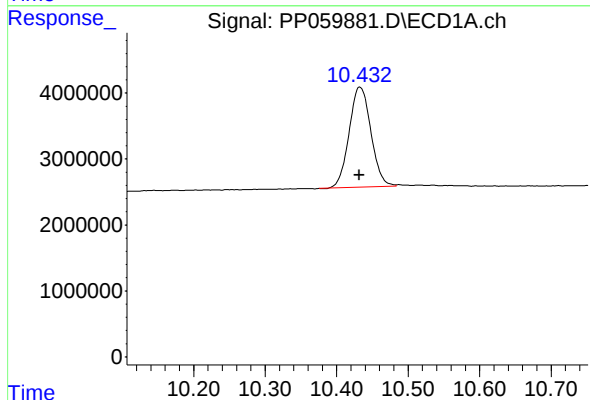
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 42584673
Conc: 20.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



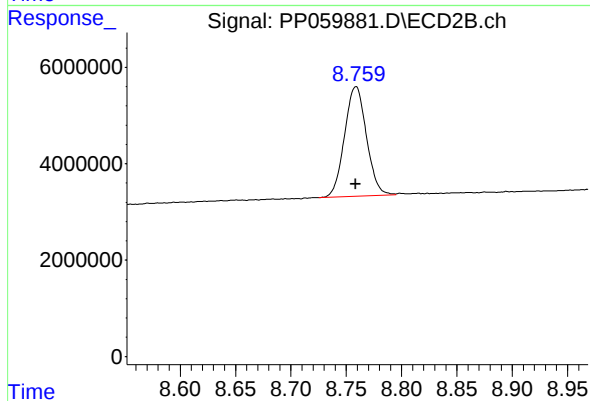
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 34091304
Conc: 20.93 ng/ml



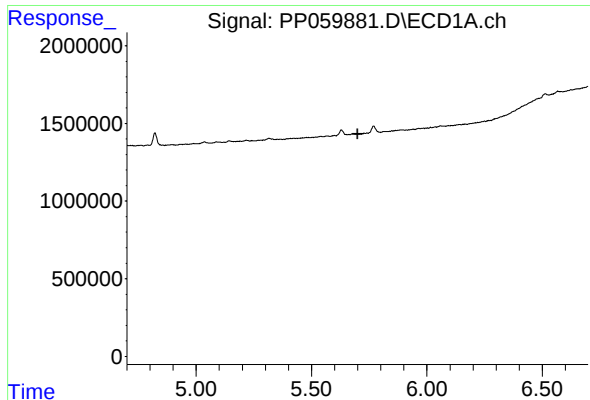
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 32082371
Conc: 21.03 ng/ml



#2 Decachlorobiphenyl

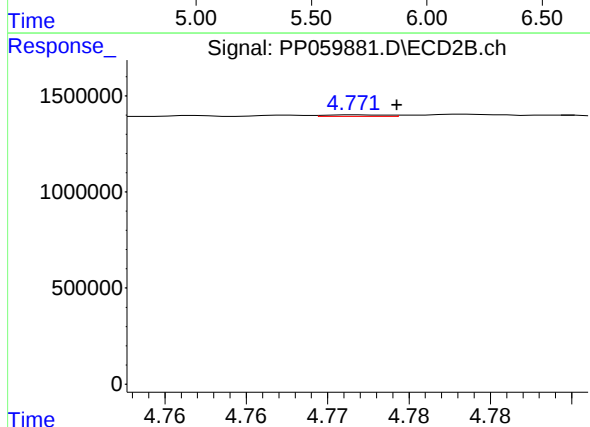
R.T.: 8.759 min
Delta R.T.: 0.000 min
Response: 31376615
Conc: 20.72 ng/ml



#3 AR-1016-1

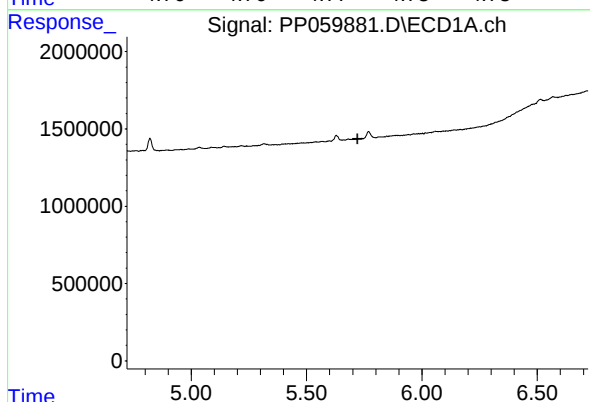
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



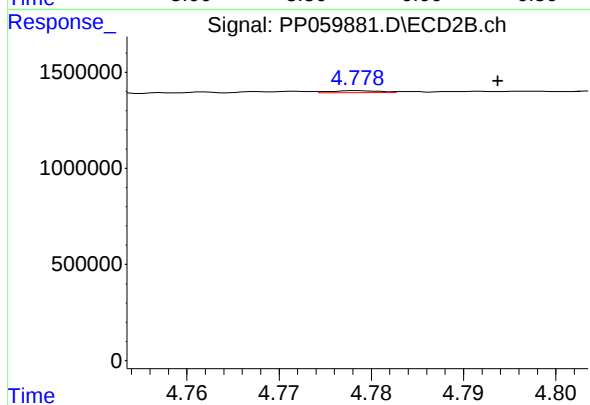
#3 AR-1016-1

R.T.: 4.772 min
Delta R.T.: -0.002 min
Response: 21734
Conc: 0.36 ng/ml



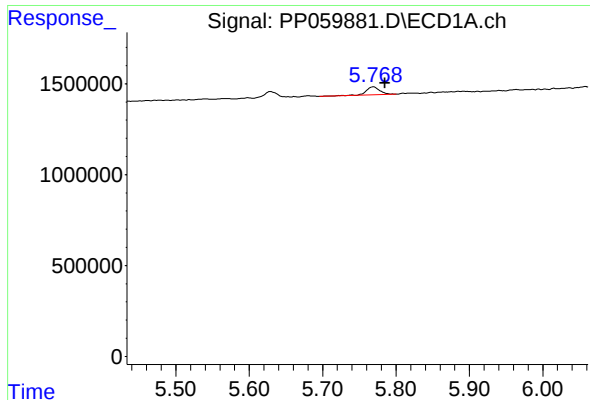
#4 AR-1016-2

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



#4 AR-1016-2

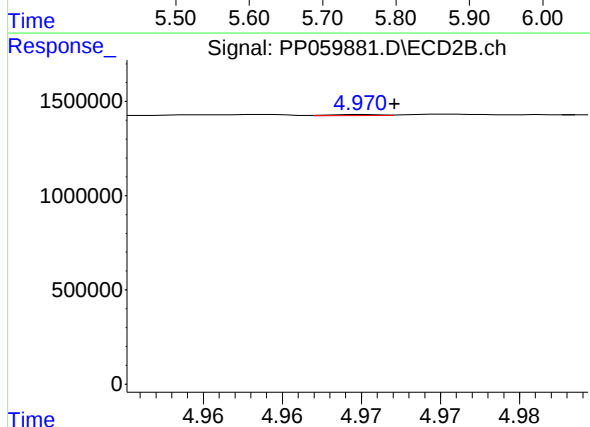
R.T.: 4.779 min
Delta R.T.: -0.015 min
Response: 40819
Conc: 0.49 ng/ml



#5 AR-1016-3

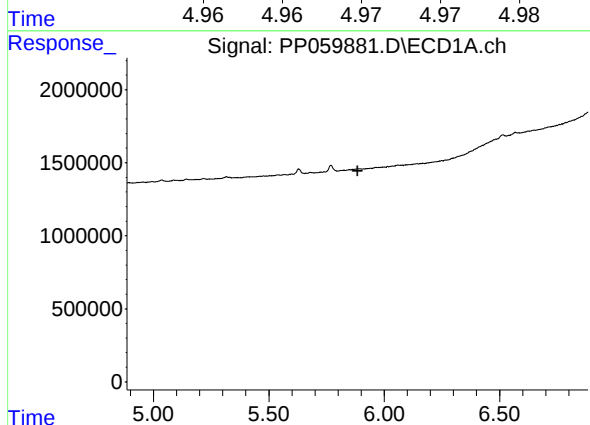
R.T.: 5.769 min
Delta R.T.: -0.016 min
Response: 561302
Conc: 9.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



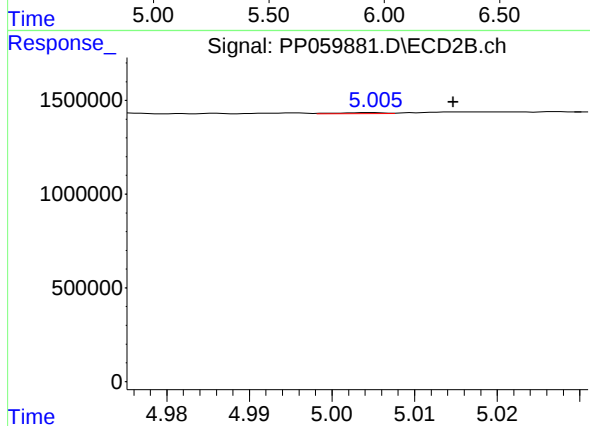
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 11085
Conc: 0.25 ng/ml



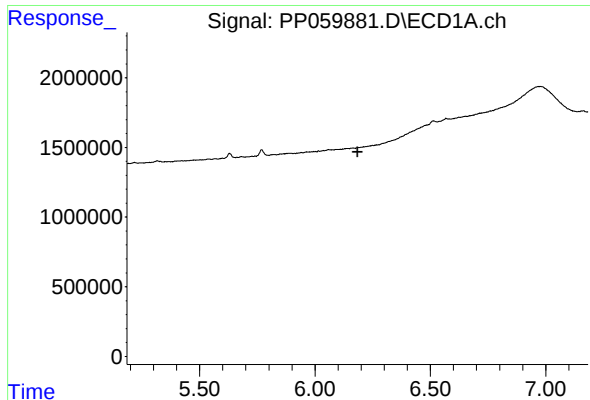
#6 AR-1016-4

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



#6 AR-1016-4

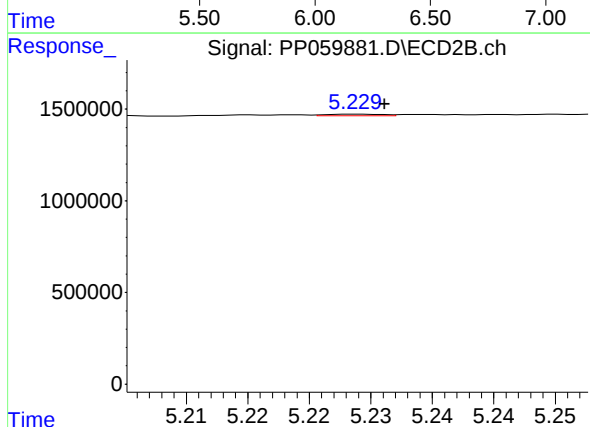
R.T.: 5.005 min
Delta R.T.: -0.010 min
Response: 16928
Conc: 0.48 ng/ml



#7 AR-1016-5

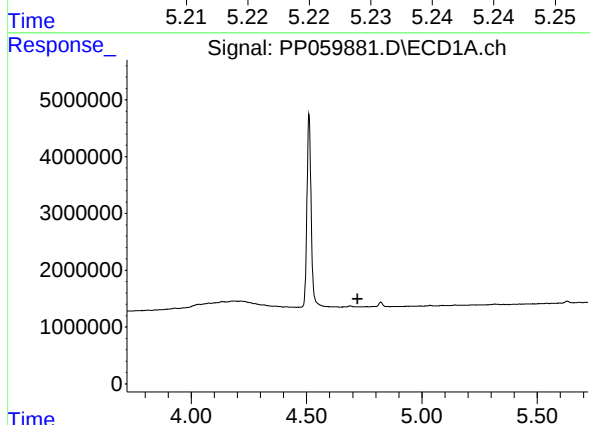
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



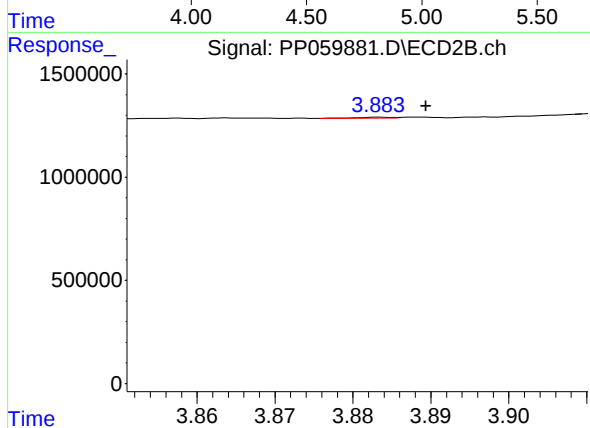
#7 AR-1016-5

R.T.: 5.229 min
Delta R.T.: -0.002 min
Response: 26572
Conc: 0.57 ng/ml



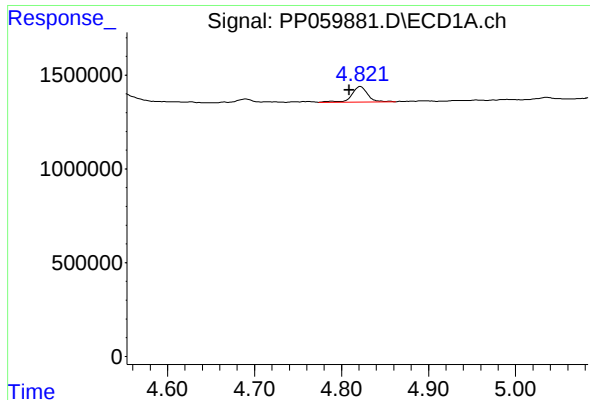
#8 AR-1221-1

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



#8 AR-1221-1

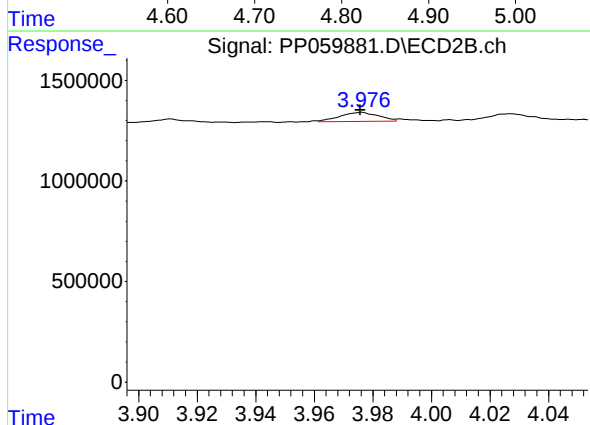
R.T.: 3.883 min
Delta R.T.: -0.006 min
Response: 16100
Conc: 0.73 ng/ml



#9 AR-1221-2

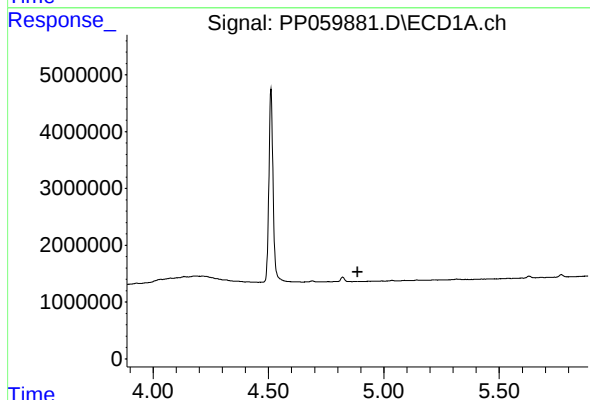
R.T.: 4.822 min
Delta R.T.: 0.013 min
Response: 1045549
Conc: 53.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



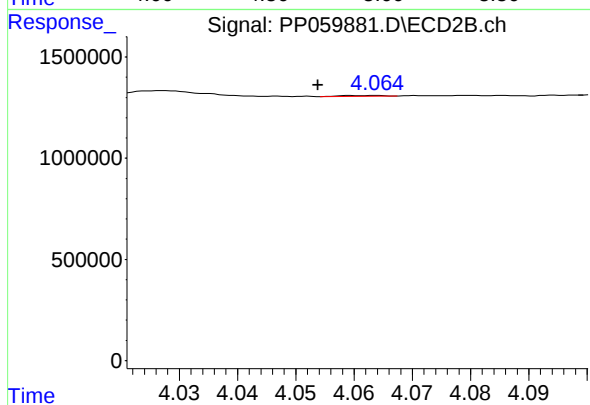
#9 AR-1221-2

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 423417
Conc: 27.43 ng/ml



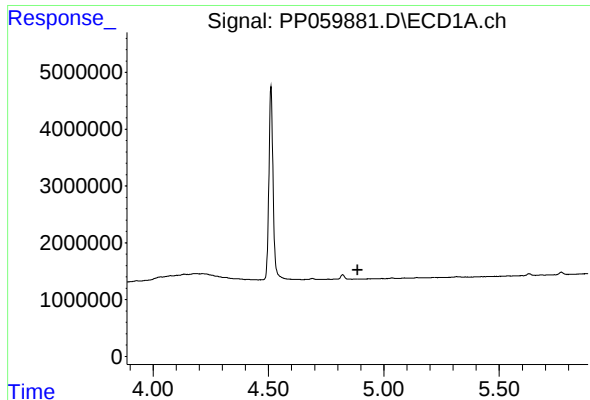
#10 AR-1221-3

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



#10 AR-1221-3

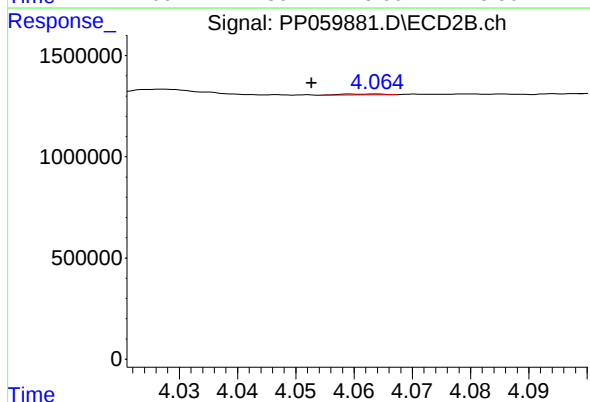
R.T.: 4.064 min
Delta R.T.: 0.010 min
Response: 22236
Conc: 0.47 ng/ml



#11 AR-1232-1

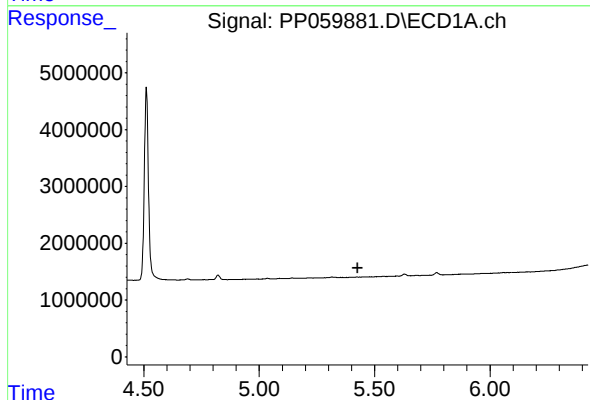
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



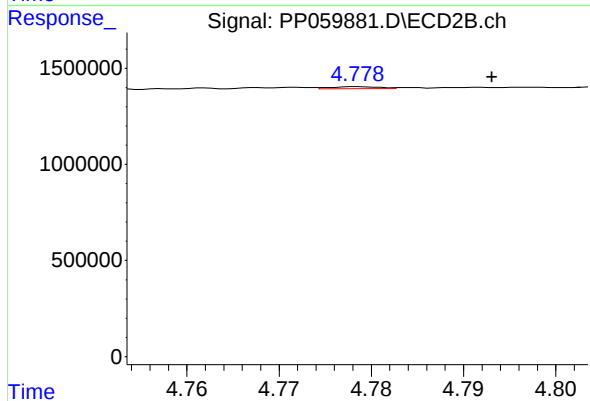
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: 0.011 min
Response: 22236
Conc: 0.58 ng/ml



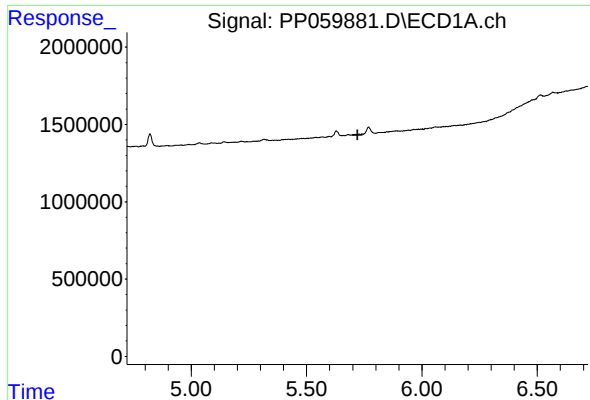
#12 AR-1232-2

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



#12 AR-1232-2

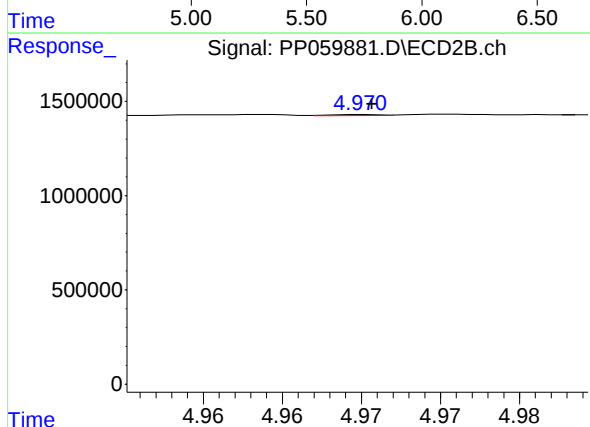
R.T.: 4.779 min
Delta R.T.: -0.014 min
Response: 40819
Conc: 1.11 ng/ml



#13 AR-1232-3

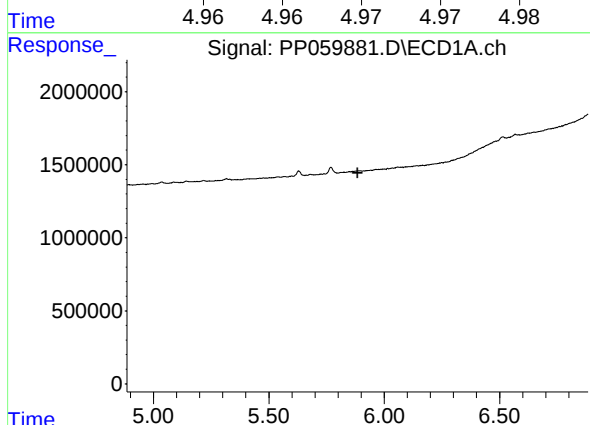
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



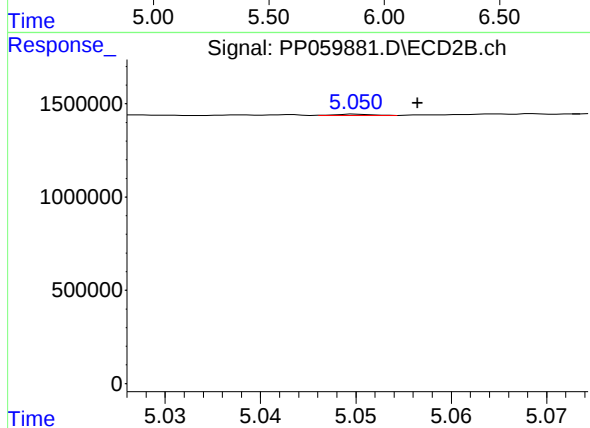
#13 AR-1232-3

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 11085
Conc: 0.55 ng/ml



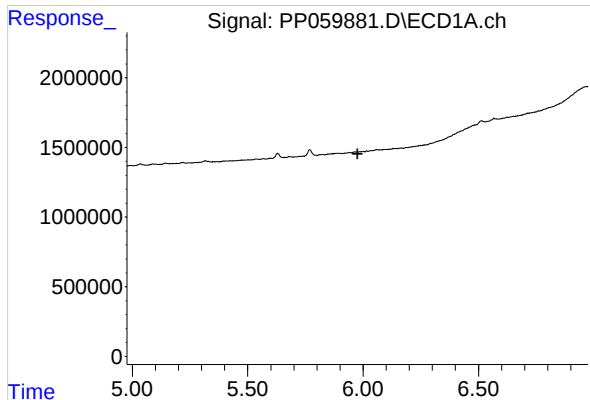
#14 AR-1232-4

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



#14 AR-1232-4

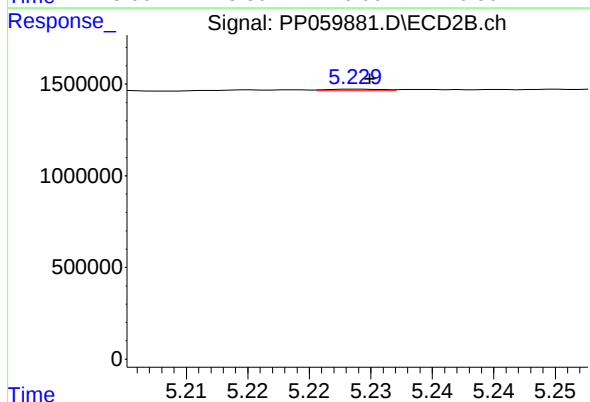
R.T.: 5.050 min
Delta R.T.: -0.006 min
Response: 17866
Conc: 0.98 ng/ml



#15 AR-1232-5

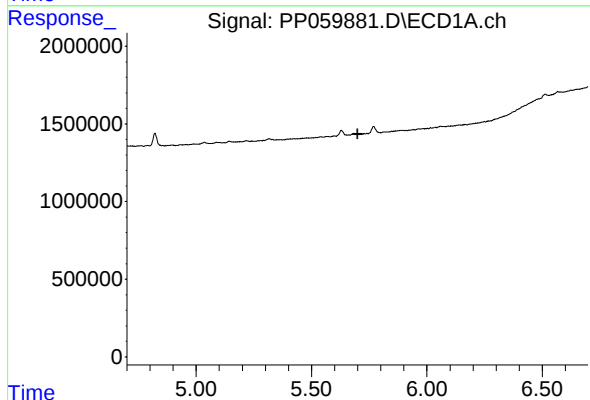
R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



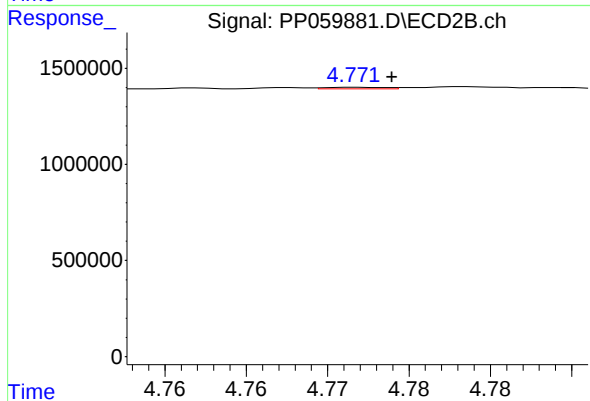
#15 AR-1232-5

R.T.: 5.229 min
Delta R.T.: -0.001 min
Response: 26572
Conc: 1.33 ng/ml



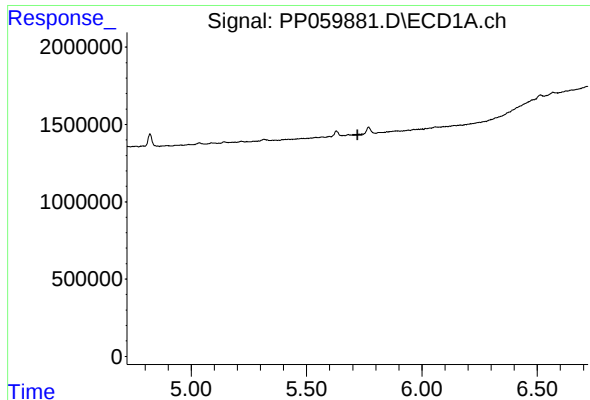
#16 AR-1242-1

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



#16 AR-1242-1

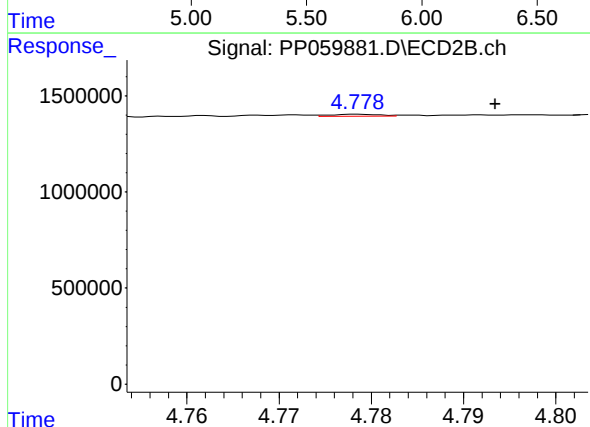
R.T.: 4.772 min
Delta R.T.: -0.002 min
Response: 21734
Conc: 0.41 ng/ml



#17 AR-1242-2

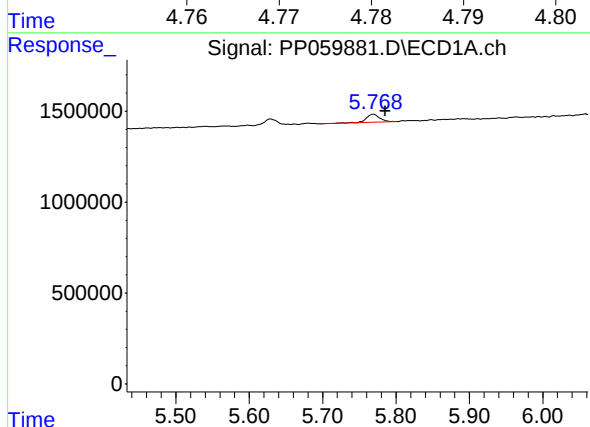
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



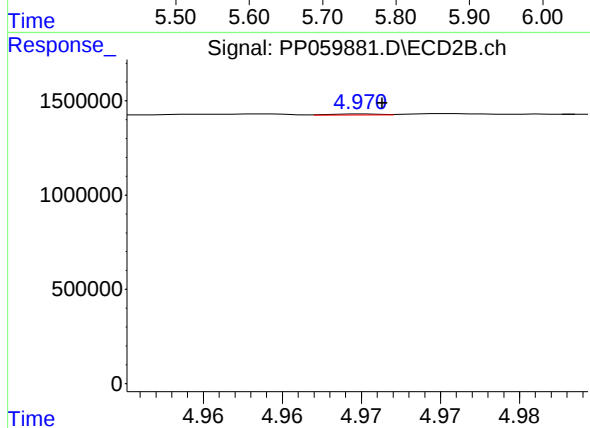
#17 AR-1242-2

R.T.: 4.779 min
Delta R.T.: -0.015 min
Response: 40819
Conc: 0.57 ng/ml



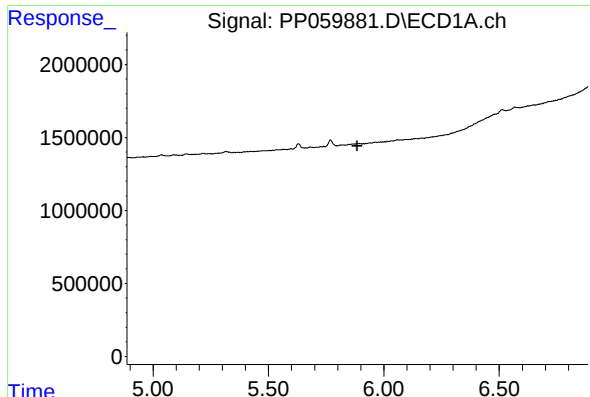
#18 AR-1242-3

R.T.: 5.769 min
Delta R.T.: -0.016 min
Response: 561302
Conc: 10.73 ng/ml



#18 AR-1242-3

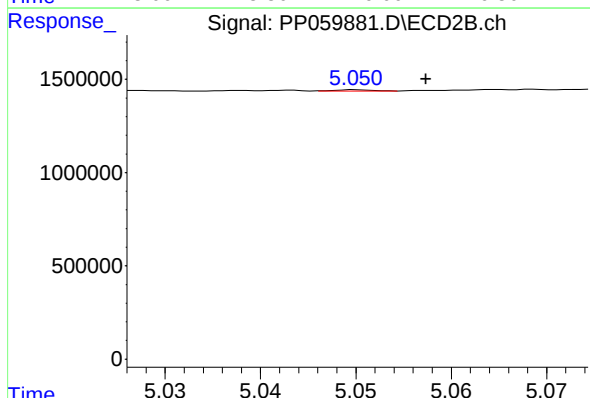
R.T.: 4.970 min
Delta R.T.: -0.001 min
Response: 11085
Conc: 0.28 ng/ml



#19 AR-1242-4

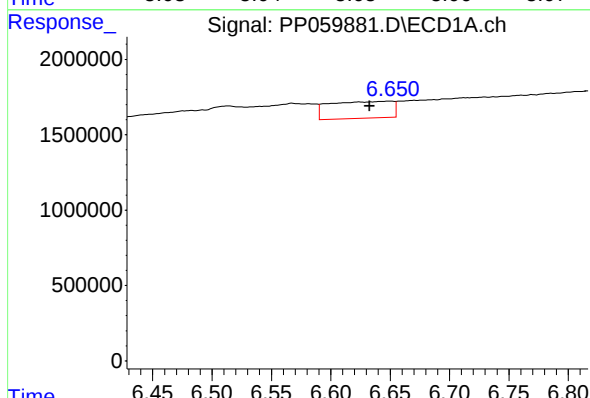
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



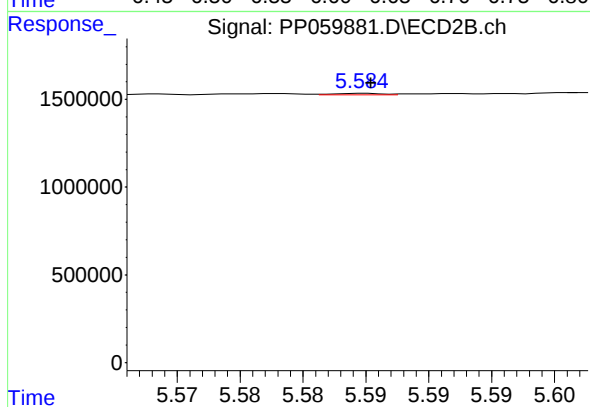
#19 AR-1242-4

R.T.: 5.050 min
Delta R.T.: -0.007 min
Response: 17866
Conc: 0.46 ng/ml



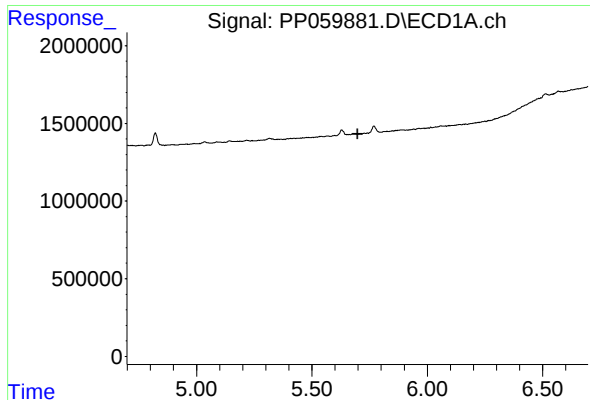
#20 AR-1242-5

R.T.: 6.651 min
Delta R.T.: 0.018 min
Response: 4112720
Conc: 89.96 ng/ml



#20 AR-1242-5

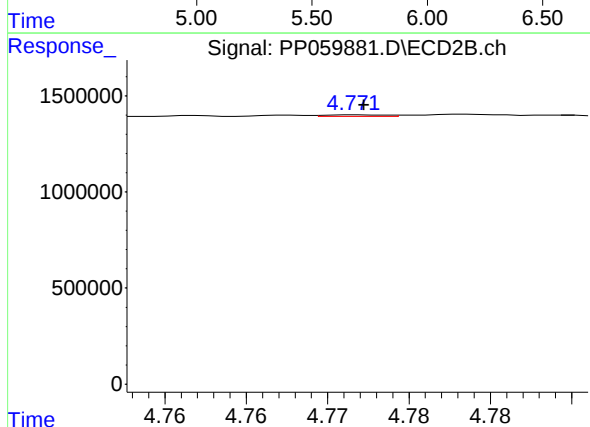
R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 22884
Conc: 0.47 ng/ml



#21 AR-1248-1

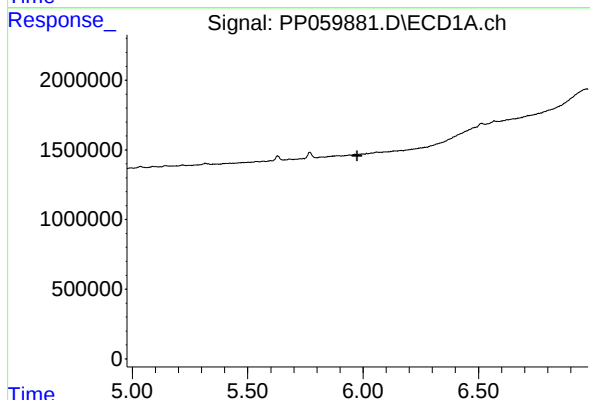
R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



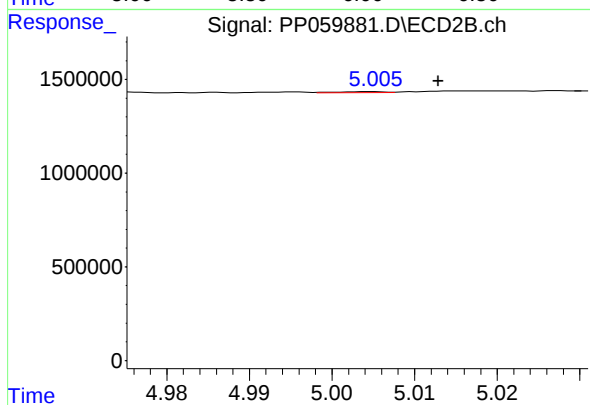
#21 AR-1248-1

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 21734
Conc: 0.56 ng/ml



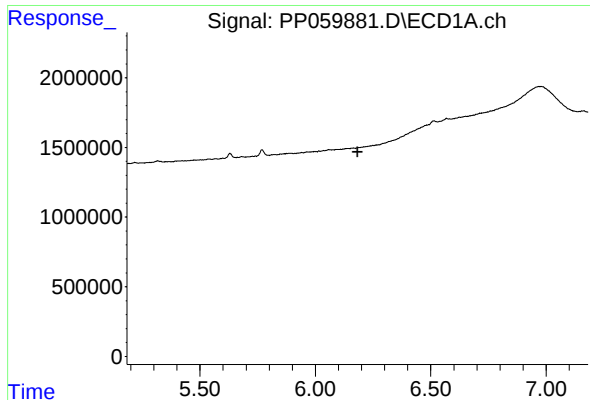
#22 AR-1248-2

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



#22 AR-1248-2

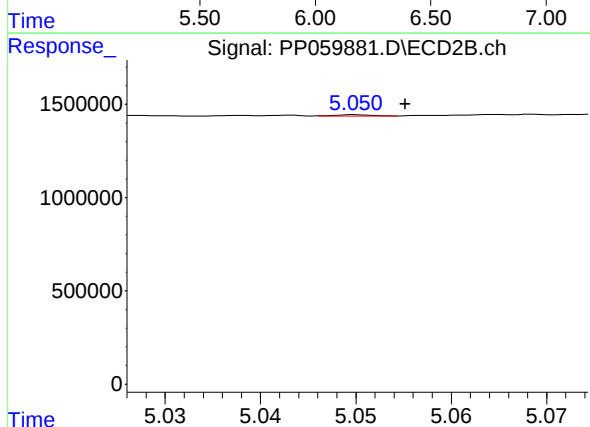
R.T.: 5.005 min
Delta R.T.: -0.008 min
Response: 16928
Conc: 0.31 ng/ml



#23 AR-1248-3

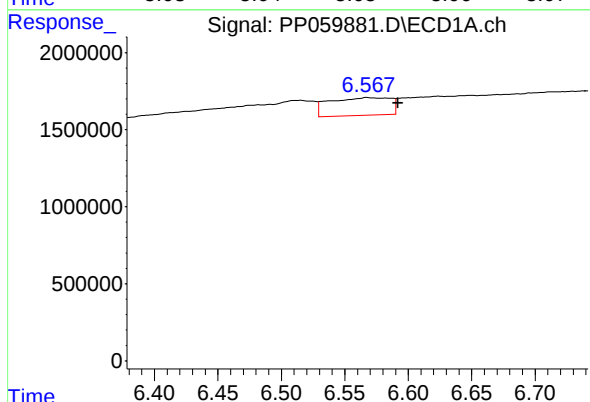
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



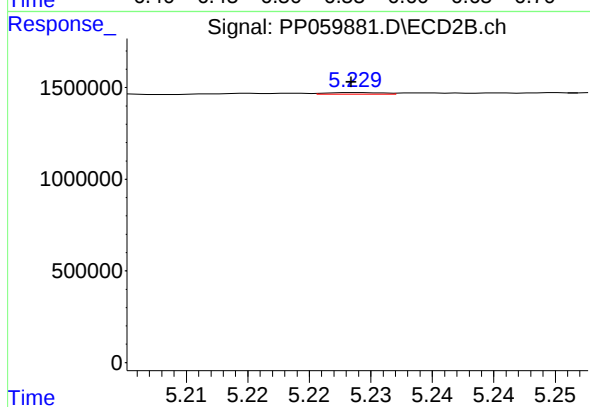
#23 AR-1248-3

R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 17866
Conc: 0.31 ng/ml



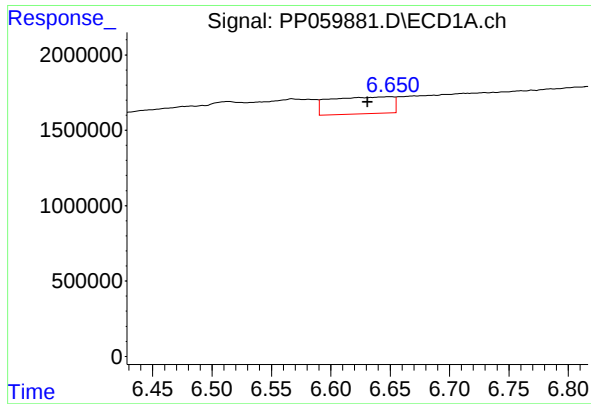
#24 AR-1248-4

R.T.: 6.568 min
Delta R.T.: -0.024 min
Response: 3842067
Conc: 49.67 ng/ml



#24 AR-1248-4

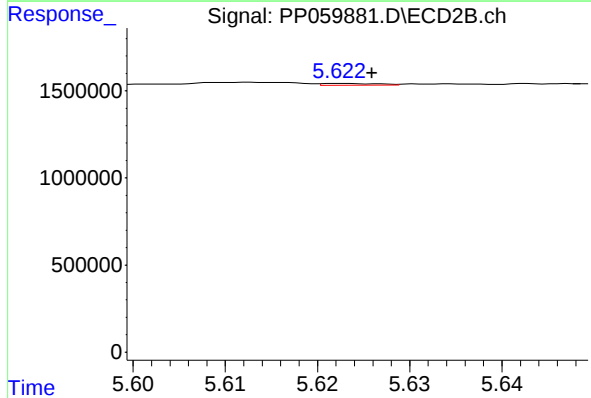
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 26572
Conc: 0.40 ng/ml



#25 AR-1248-5

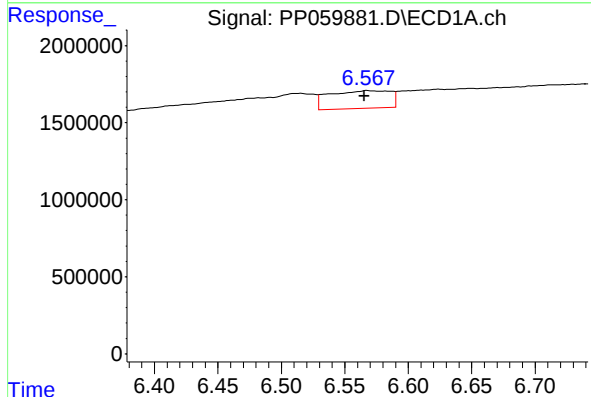
R.T.: 6.651 min
Delta R.T.: 0.020 min
Response: 4112720
Conc: 54.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



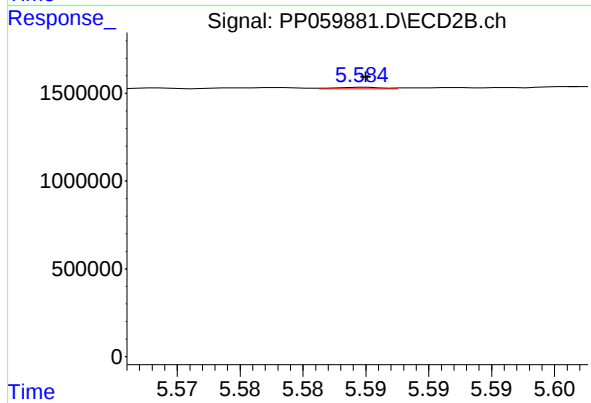
#25 AR-1248-5

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 40100
Conc: 0.61 ng/ml



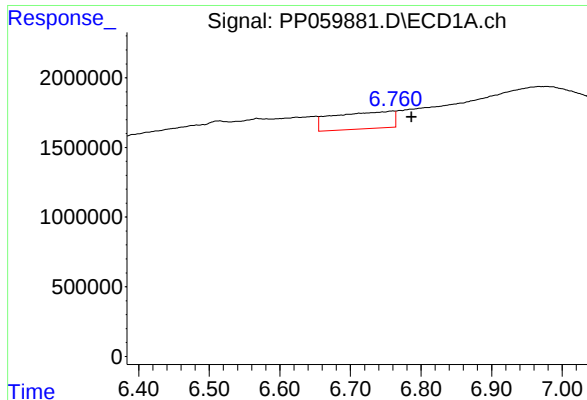
#26 AR-1254-1

R.T.: 6.568 min
Delta R.T.: 0.002 min
Response: 3842067
Conc: 48.12 ng/ml



#26 AR-1254-1

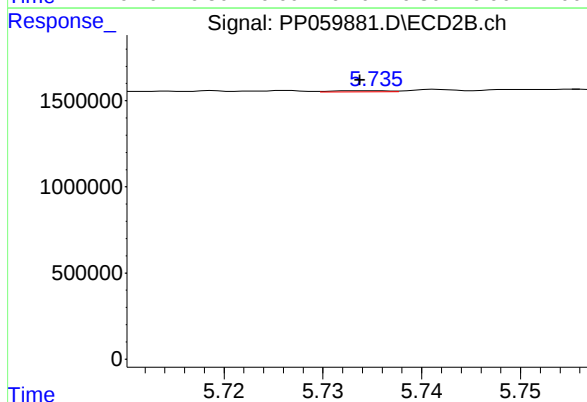
R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 22884
Conc: 0.23 ng/ml



#27 AR-1254-2

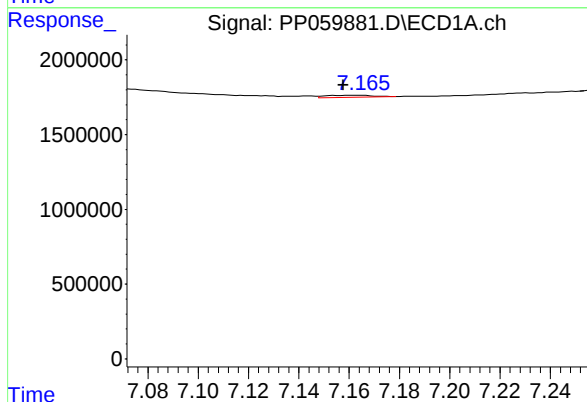
R.T.: 6.761 min
Delta R.T.: -0.026 min
Response: 7224495
Conc: 60.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



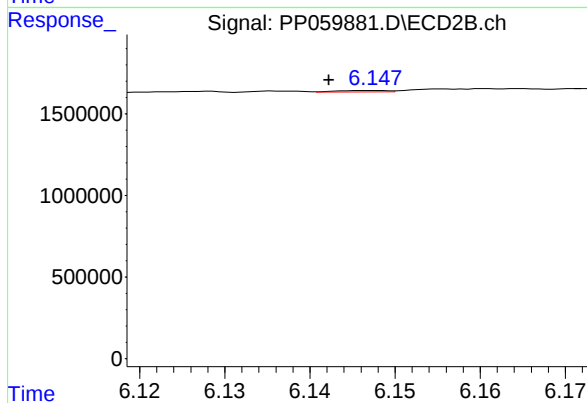
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.002 min
Response: 24395
Conc: 0.28 ng/ml



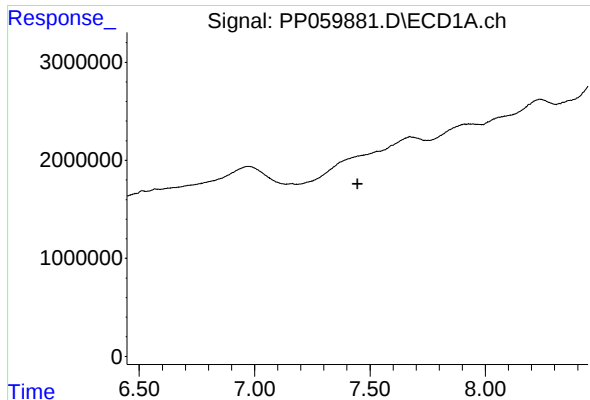
#28 AR-1254-3

R.T.: 7.165 min
Delta R.T.: 0.007 min
Response: 172945
Conc: 1.42 ng/ml



#28 AR-1254-3

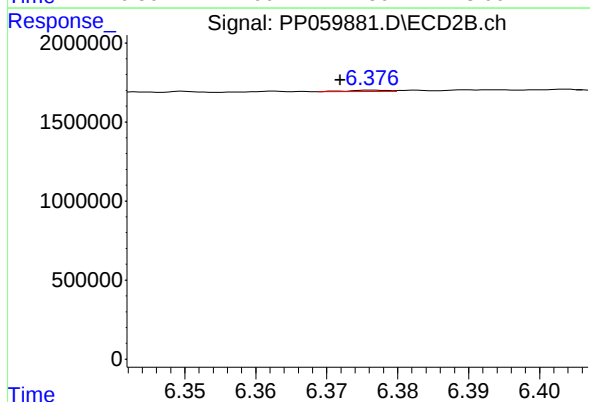
R.T.: 6.147 min
Delta R.T.: 0.005 min
Response: 33205
Conc: 0.24 ng/ml



#29 AR-1254-4

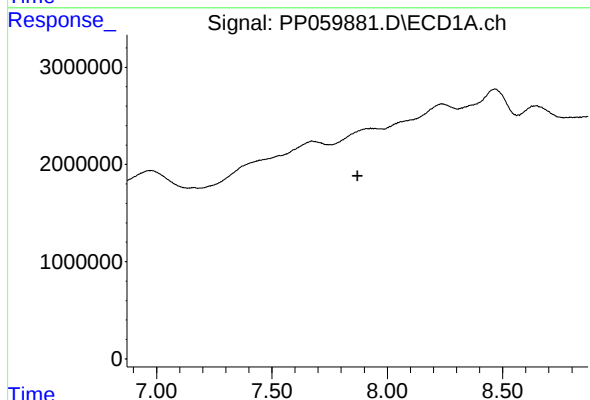
R.T.: 0.000 min
Exp R.T.: 7.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



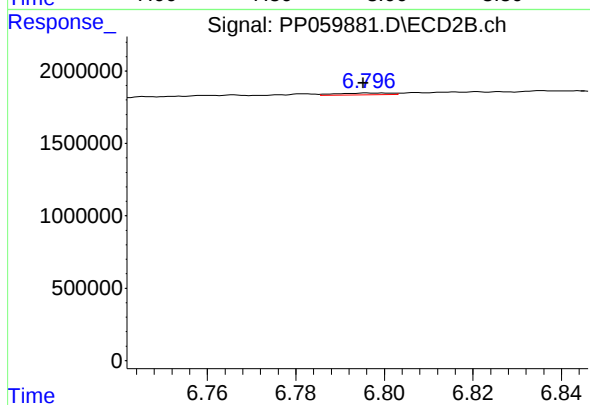
#29 AR-1254-4

R.T.: 6.377 min
Delta R.T.: 0.005 min
Response: 33458
Conc: 0.40 ng/ml



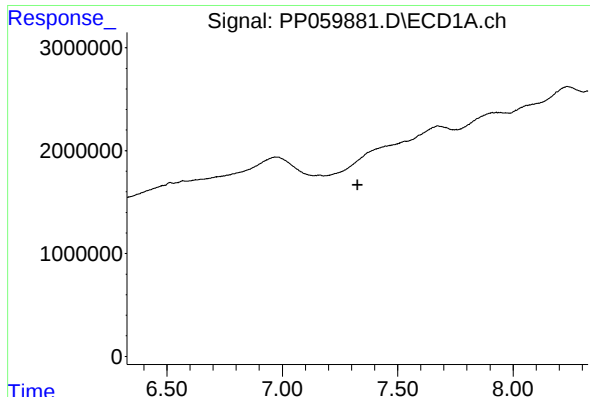
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.871 min
Response: 0
Conc: N.D.



#30 AR-1254-5

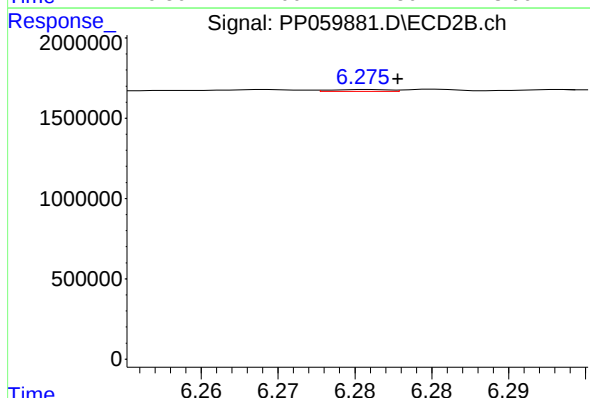
R.T.: 6.796 min
Delta R.T.: 0.001 min
Response: 109069
Conc: 0.92 ng/ml



#31 AR-1260-1

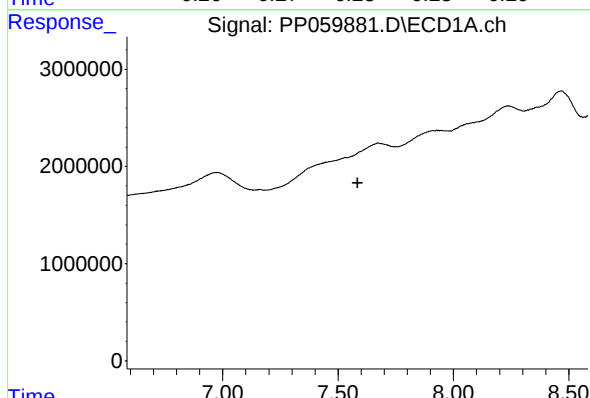
R.T.: 0.000 min
Exp R.T.: 7.326 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



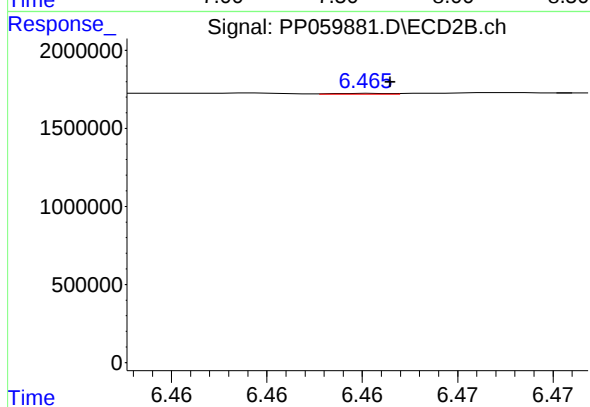
#31 AR-1260-1

R.T.: 6.276 min
Delta R.T.: -0.002 min
Response: 29417
Conc: 0.32 ng/ml



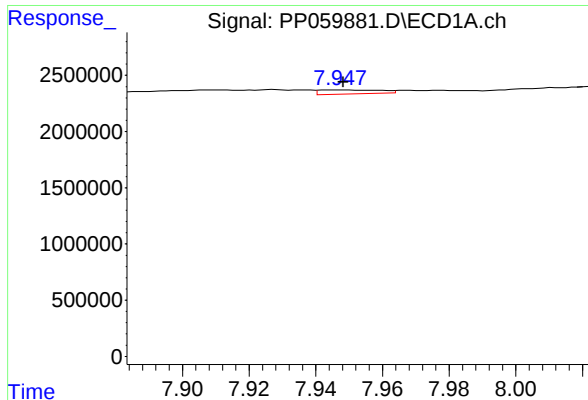
#32 AR-1260-2

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



#32 AR-1260-2

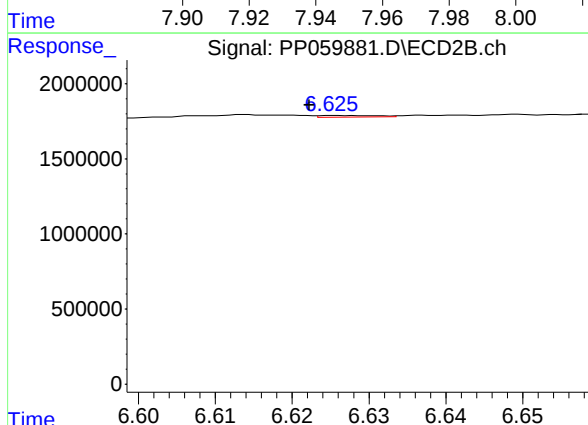
R.T.: 6.465 min
Delta R.T.: -0.001 min
Response: 9698
Conc: 0.09 ng/ml



#33 AR-1260-3

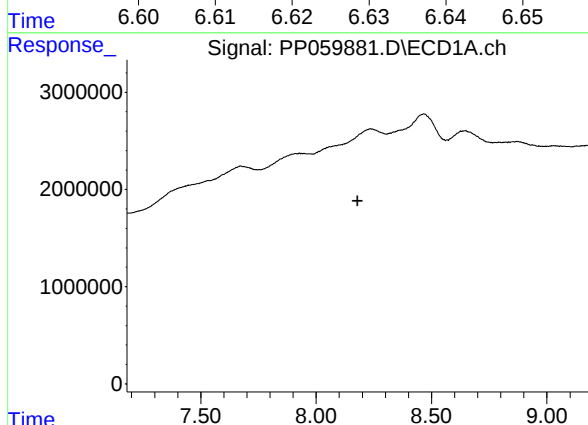
R.T.: 7.947 min
Delta R.T.: -0.001 min
Response: 472079
Conc: 5.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



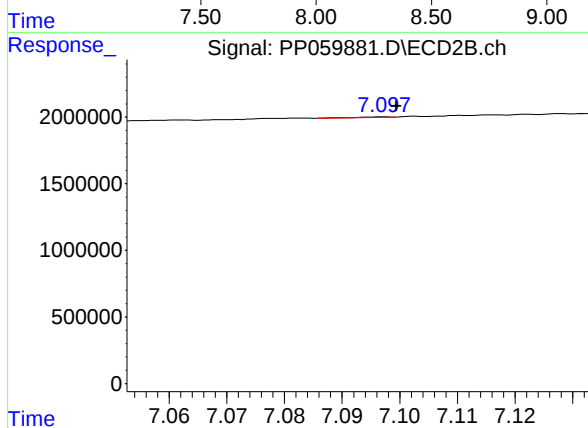
#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: 0.003 min
Response: 55131
Conc: 0.54 ng/ml



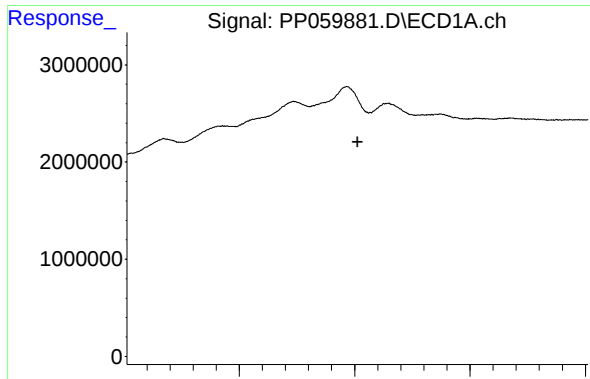
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.



#34 AR-1260-4

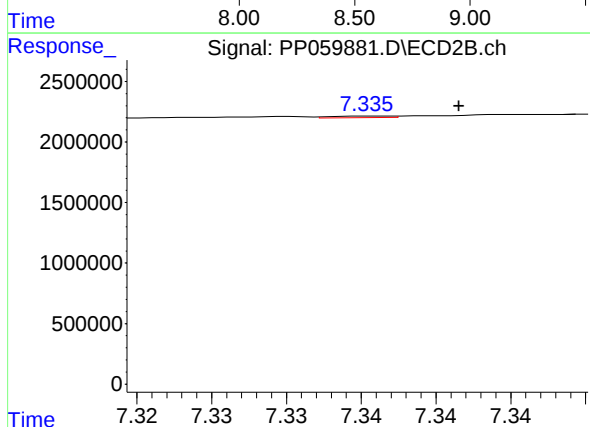
R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 16134
Conc: 0.19 ng/ml



#35 AR-1260-5

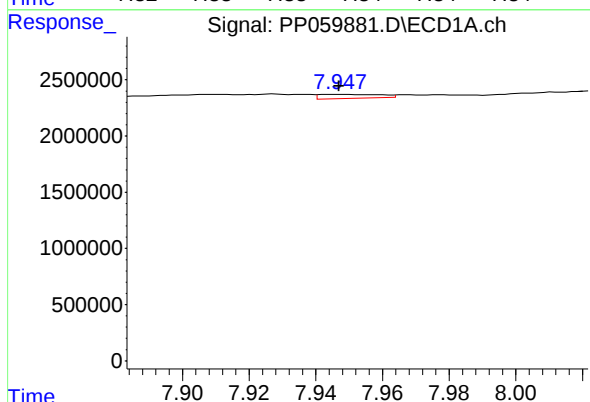
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



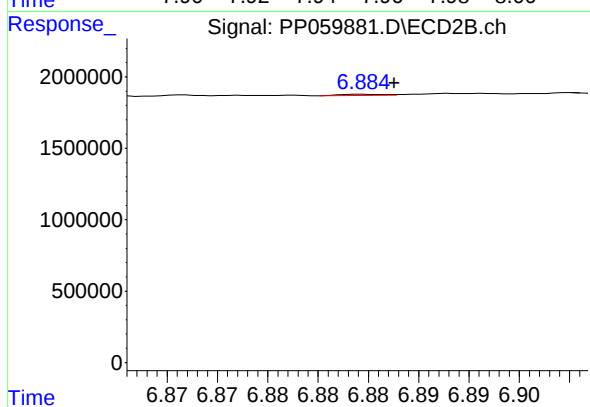
#35 AR-1260-5

R.T.: 7.336 min
Delta R.T.: -0.006 min
Response: 37741
Conc: 0.20 ng/ml



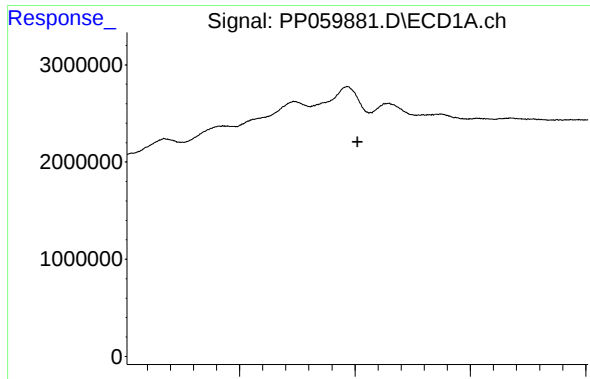
#36 AR-1262-1

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 472079
Conc: 4.08 ng/ml



#36 AR-1262-1

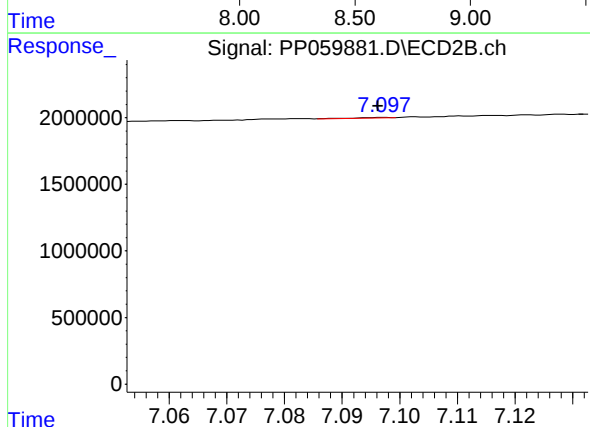
R.T.: 6.885 min
Delta R.T.: -0.003 min
Response: 22289
Conc: 0.44 ng/ml



#37 AR-1262-2

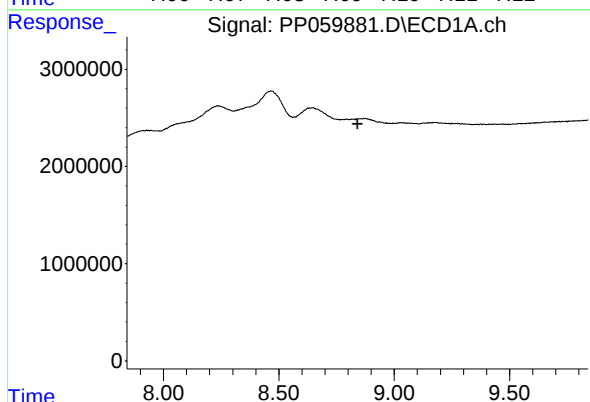
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



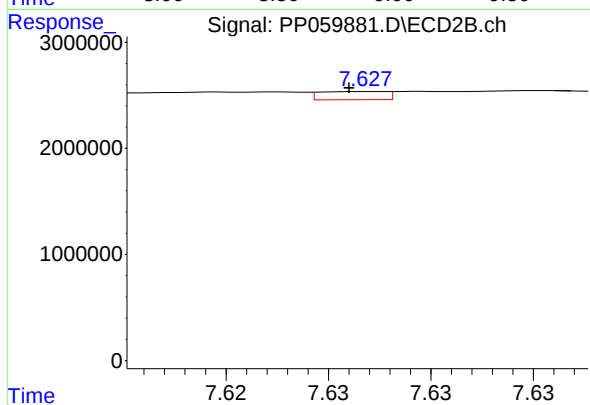
#37 AR-1262-2

R.T.: 7.097 min
Delta R.T.: 0.001 min
Response: 16134
Conc: 0.14 ng/ml



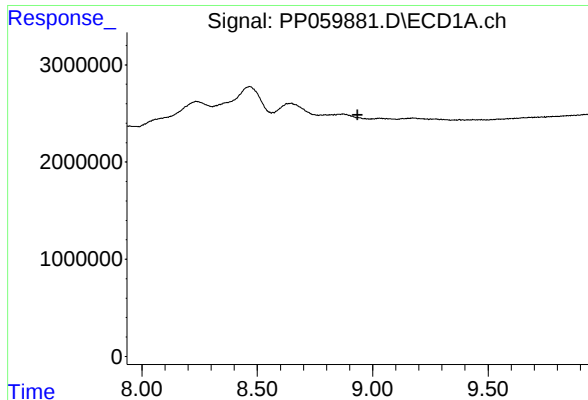
#38 AR-1262-3

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



#38 AR-1262-3

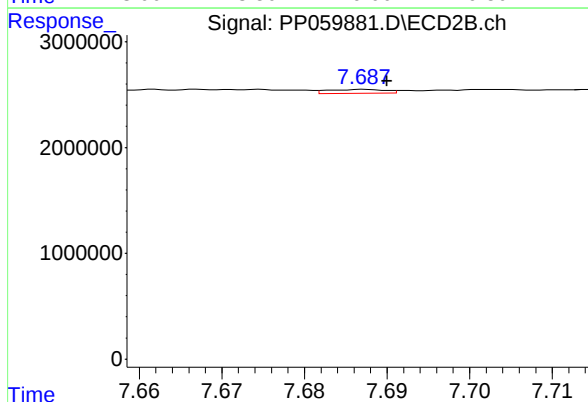
R.T.: 7.627 min
Delta R.T.: 0.001 min
Response: 168981
Conc: 1.93 ng/ml



#39 AR-1262-4

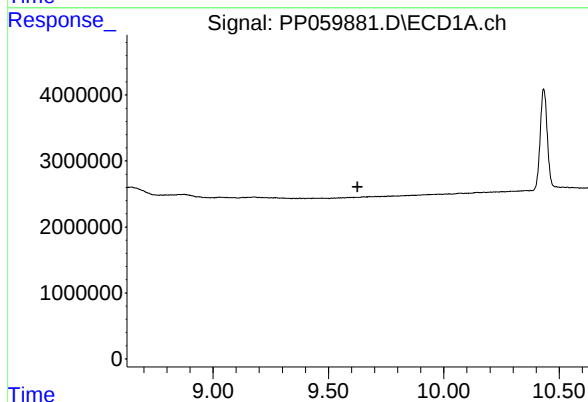
R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



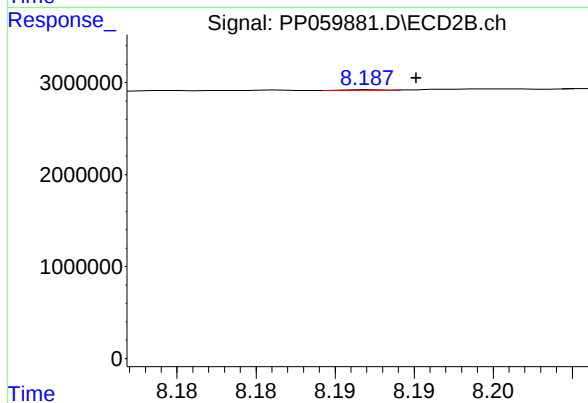
#39 AR-1262-4

R.T.: 7.687 min
Delta R.T.: -0.003 min
Response: 174067
Conc: 1.07 ng/ml



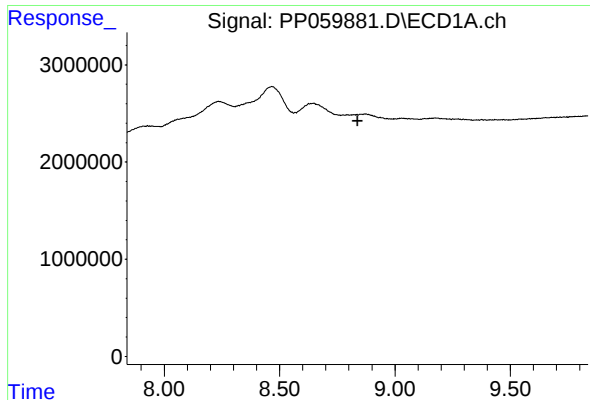
#40 AR-1262-5

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



#40 AR-1262-5

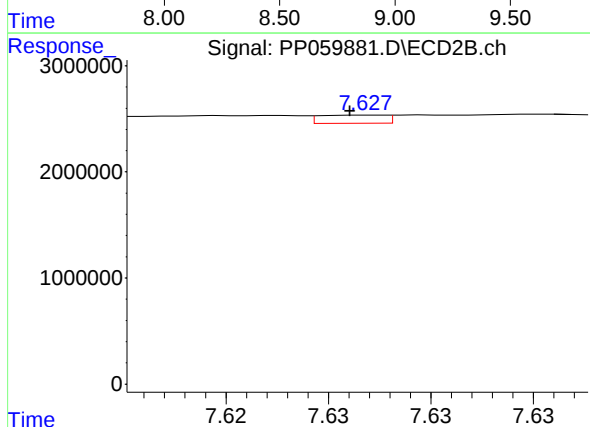
R.T.: 8.187 min
Delta R.T.: -0.003 min
Response: 11555
Conc: 0.15 ng/ml



#41 AR-1268-1

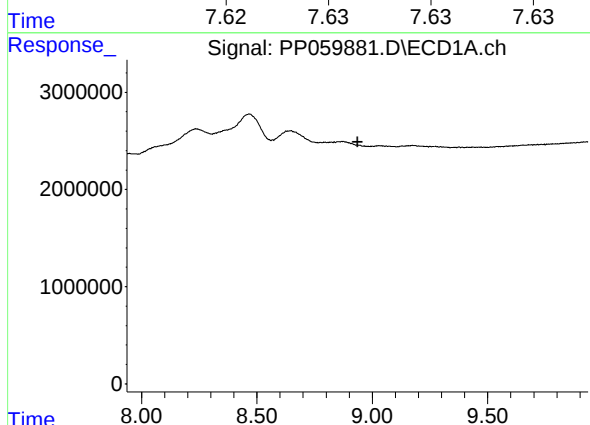
R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



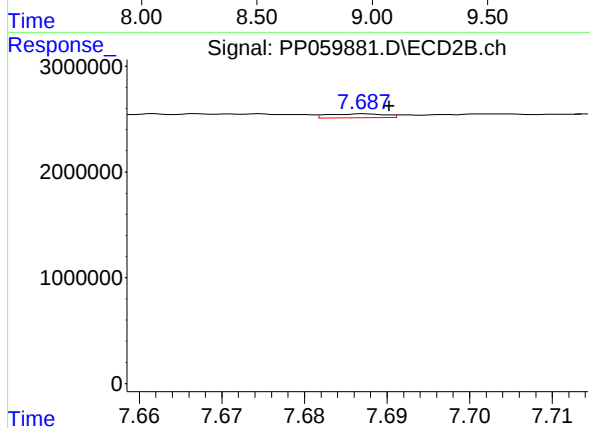
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: 0.001 min
Response: 168981
Conc: 0.65 ng/ml



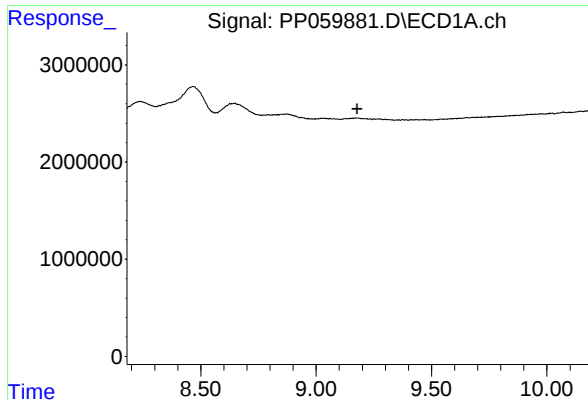
#42 AR-1268-2

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



#42 AR-1268-2

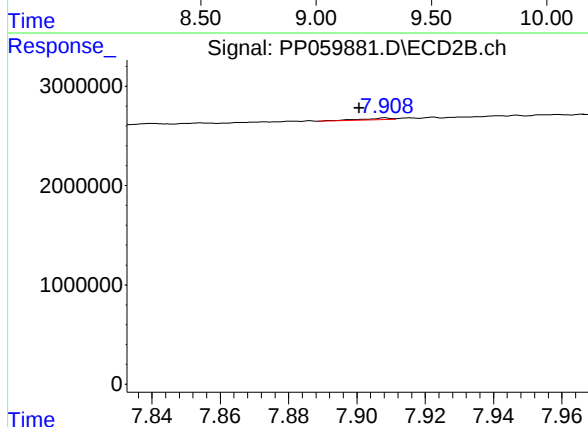
R.T.: 7.687 min
Delta R.T.: -0.003 min
Response: 174067
Conc: 0.75 ng/ml



#43 AR-1268-3

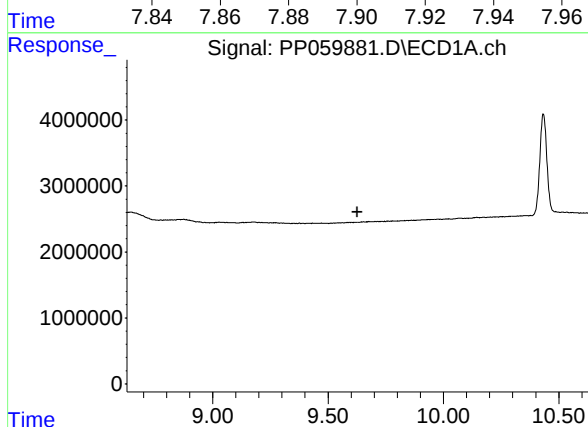
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



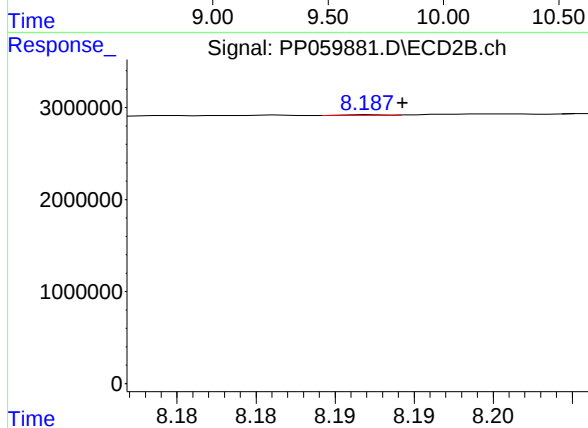
#43 AR-1268-3

R.T.: 7.908 min
Delta R.T.: 0.008 min
Response: 106382
Conc: 0.52 ng/ml



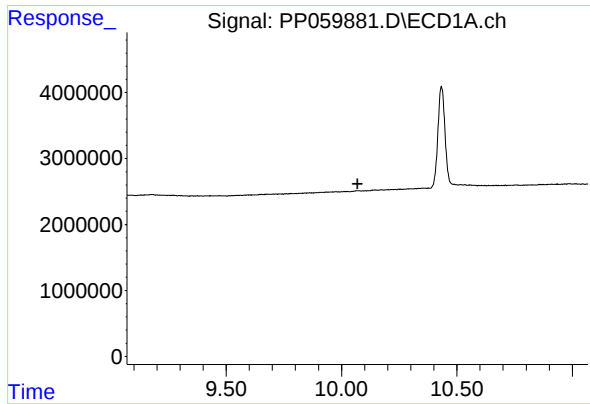
#44 AR-1268-4

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



#44 AR-1268-4

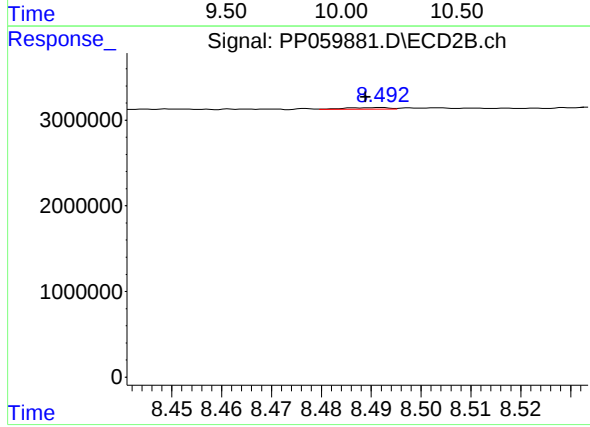
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 11555
Conc: 0.14 ng/ml



#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.: 8.492 min
Delta R.T.: 0.003 min
Response: 117155
Conc: 0.19 ng/ml