

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059772.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 22:41
 Operator : SM/AJ
 Sample : K4461-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 23:24:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.123	3.497	953716	903418	27.239	25.098
2)	SA Decachlor...	9.596	8.359	987835	791265	18.568	19.624
Target Compounds							
3)	L1 AR-1016-1	5.294	0.000	925	0	0.577	N.D. #
4)	L1 AR-1016-2	5.294	0.000	925	0	0.387	N.D. #
5)	L1 AR-1016-3	5.347	0.000	3682	0	2.472	N.D. #
6)	L1 AR-1016-4	5.450	0.000	877	0	0.725	N.D. #
7)	L1 AR-1016-5	5.712	0.000	2045	0	1.593	N.D. #
8)	L2 AR-1221-1	4.357	0.000	1317	0	3.109	N.D. #
9)	L2 AR-1221-2	4.457	3.789	310	23953	0.954	78.632 #
10)	L2 AR-1221-3	4.510	3.904	1003	7074	0.953	7.230 #
11)	L3 AR-1232-1	4.510	3.904	1003	7074	0.804	6.205 #
12)	L3 AR-1232-2	5.045	0.000	1144	0	1.619	N.D. #
13)	L3 AR-1232-3	5.313	0.000	243	0	0.158	N.D. #
14)	L3 AR-1232-4	5.450	0.000	877	0	1.122	N.D. #
15)	L3 AR-1232-5	5.562	0.000	1632	0	2.715	N.D. #
16)	L4 AR-1242-1	5.294	0.000	925	0	0.729	N.D. #
17)	L4 AR-1242-2	5.313	0.000	243	0	0.131	N.D. #
18)	L4 AR-1242-3	5.383	0.000	2576	0	2.204	N.D. #
19)	L4 AR-1242-4	5.450	0.000	877	0	0.906	N.D. #
20)	L4 AR-1242-5	6.203	0.000	5205	0	4.142	N.D. #
21)	L5 AR-1248-1	5.294	0.000	925	0	0.922	N.D. #
22)	L5 AR-1248-2	5.543	0.000	1986	0	1.369	N.D. #
23)	L5 AR-1248-3	5.712	0.000	2045	0	1.231	N.D. #
24)	L5 AR-1248-4	6.113	0.000	1776	0	0.869	N.D. #
25)	L5 AR-1248-5	6.203	0.000	5205	0	2.625	N.D. #
26)	L6 AR-1254-1	6.113	0.000	1776	0	0.851	N.D. #
27)	L6 AR-1254-2	6.338	0.000	3089	0	0.926	N.D. #
28)	L6 AR-1254-3	6.692	5.914	9861	9210	2.779	2.739
29)	L6 AR-1254-4	6.994	0.000	1875	0	0.636	N.D. #
30)	L6 AR-1254-5	7.420	6.448	9074	2414	2.934	0.777 #
31)	L7 AR-1260-1	6.852	6.002	635	4899	0.236	2.150 #
32)	L7 AR-1260-2	7.112	6.184	3814	6170	1.028	2.106 #
33)	L7 AR-1260-3	7.420	6.378	9074	7497	2.770	2.830
34)	L7 AR-1260-4	7.673	0.000	72816	0	23.708	N.D. #
35)	L7 AR-1260-5	8.008	7.036	32598	-547	4.604	N.D. #
36)	L8 AR-1262-1	7.420	6.589	9074	9725	1.870	2.609 #
37)	L8 AR-1262-2	8.008	7.036	32598	-547	4.225	N.D. #
38)	L8 AR-1262-3	8.332	7.312	197857	14182	38.778	5.581 #
39)	L8 AR-1262-4	8.363	7.414	29419	20881	7.632	4.725 #
40)	L8 AR-1262-5	8.982	0.000	46704	0	18.197	N.D. #
41)	L9 AR-1268-1	8.332	7.312	197857	14182	21.025	1.992 #

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 ALS Vial : 48 Sample Multiplier: 1

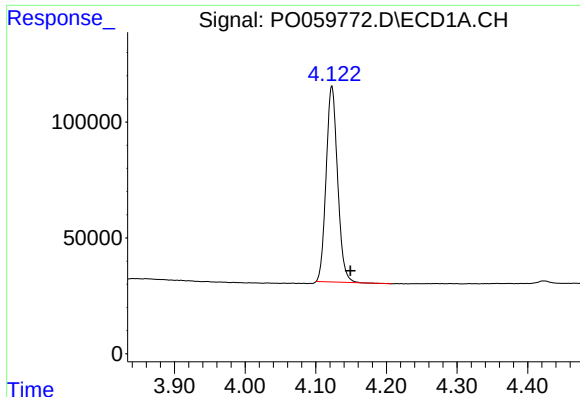
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 23:24:01 2019
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 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	8.363	7.414	29419	20881	3.732	3.238
43) L9	AR-1268-3	8.560	0.000	269608	0	38.249	N.D. #
44) L9	AR-1268-4	8.982	0.000	46704	0	16.800	N.D. #
45) L9	AR-1268-5	9.312	0.000	110797	0	6.008	N.D. #

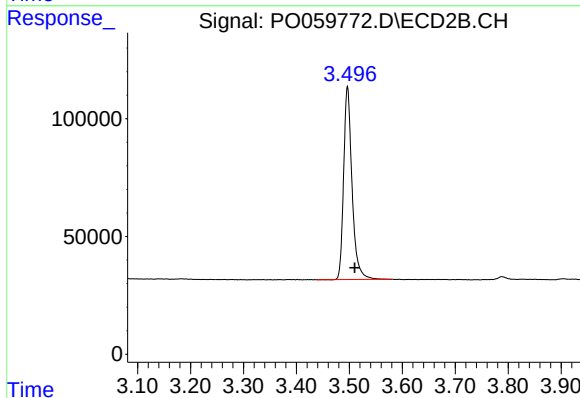
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

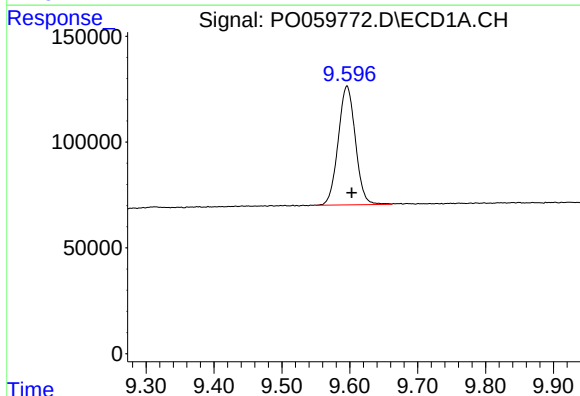
R.T.: 4.123 min
Delta R.T.: -0.026 min
Response: 953716
Conc: 27.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



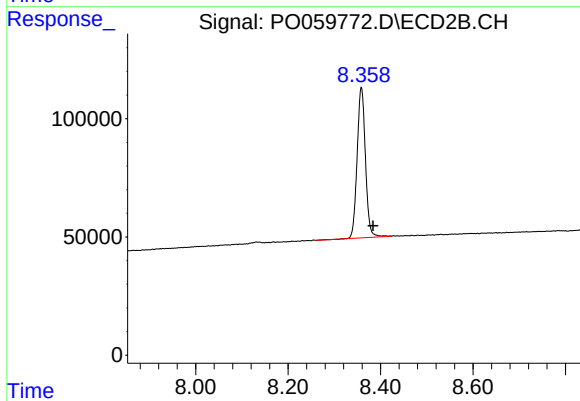
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.013 min
Response: 903418
Conc: 25.10 ng/ml



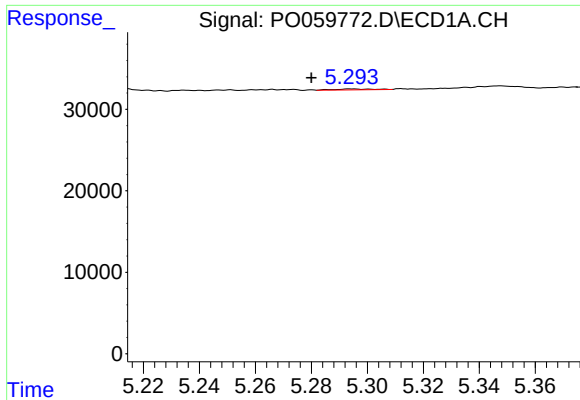
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: -0.007 min
Response: 987835
Conc: 18.57 ng/ml



#2 Decachlorobiphenyl

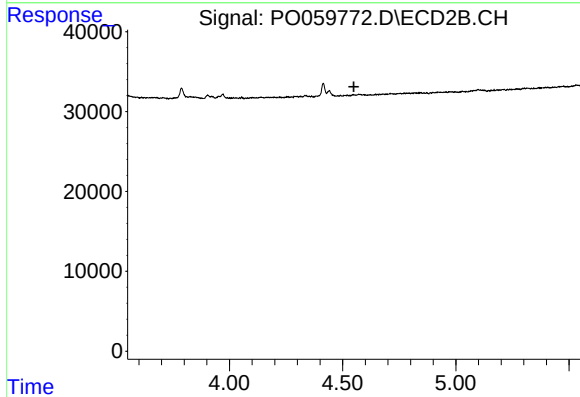
R.T.: 8.359 min
Delta R.T.: -0.025 min
Response: 791265
Conc: 19.62 ng/ml



#3 AR-1016-1

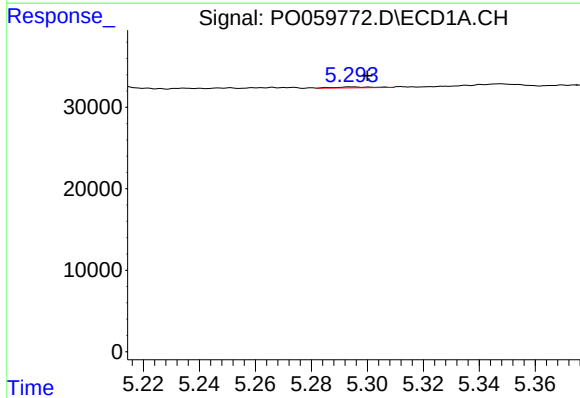
R.T.: 5.294 min
Delta R.T.: 0.014 min
Response: 925
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



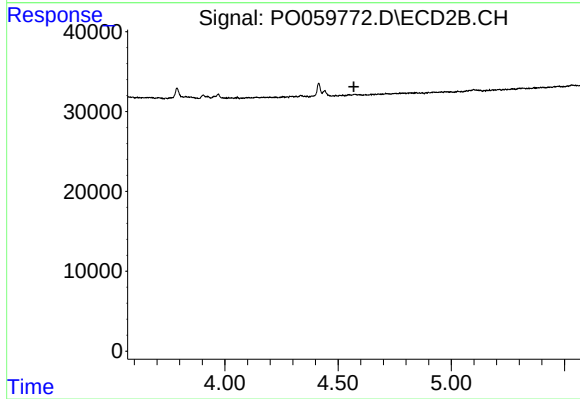
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



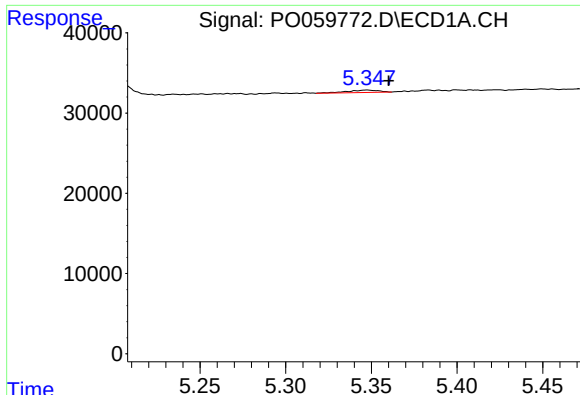
#4 AR-1016-2

R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 925
Conc: 0.39 ng/ml



#4 AR-1016-2

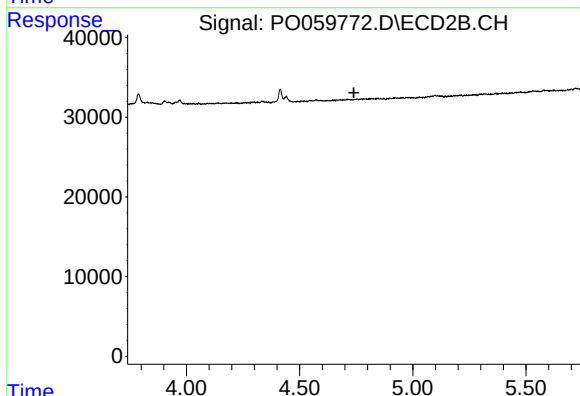
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

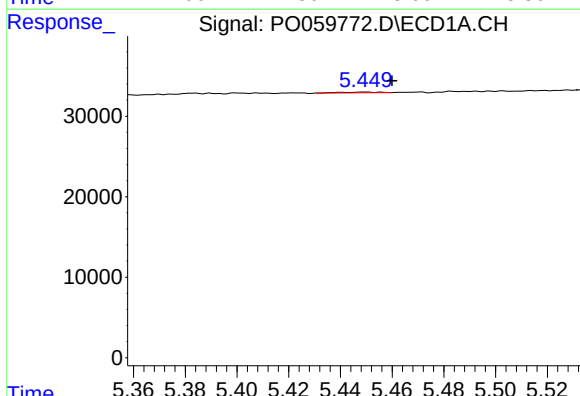
R.T.: 5.347 min
Delta R.T.: -0.013 min
Response: 3682
Conc: 2.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



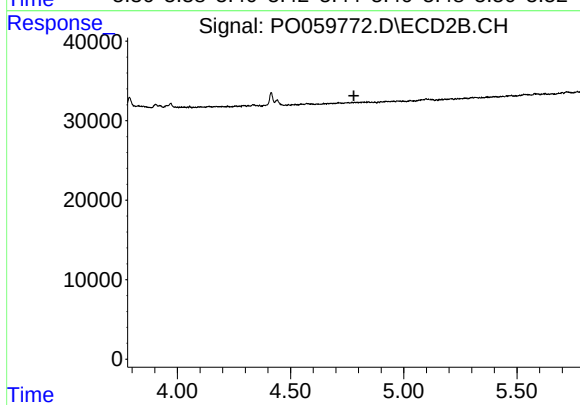
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



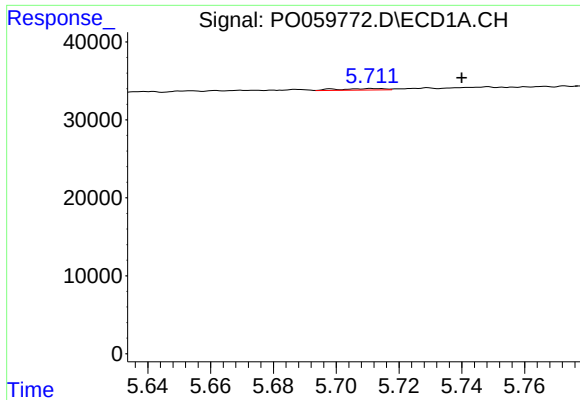
#6 AR-1016-4

R.T.: 5.450 min
Delta R.T.: -0.010 min
Response: 877
Conc: 0.72 ng/ml



#6 AR-1016-4

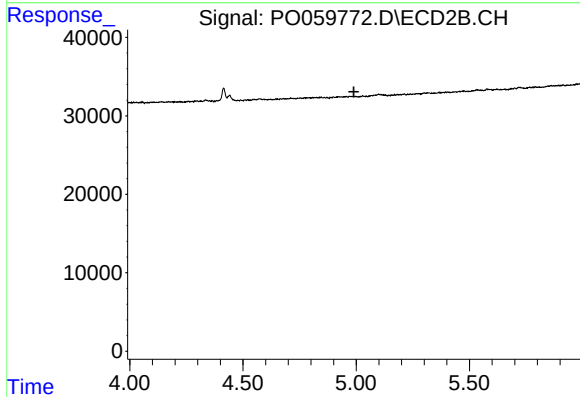
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#7 AR-1016-5

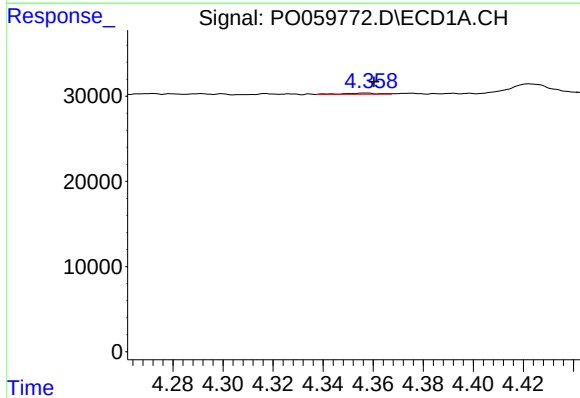
R.T.: 5.712 min
Delta R.T.: -0.028 min
Response: 2045
Conc: 1.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



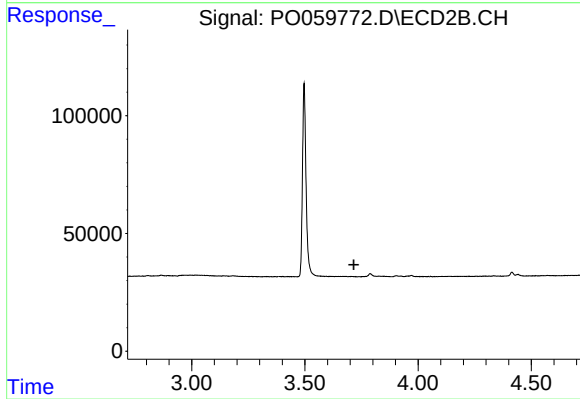
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



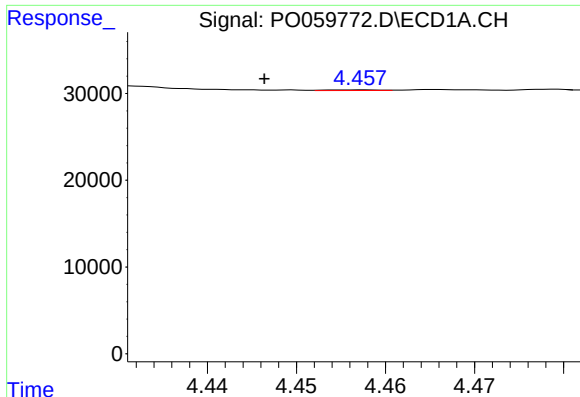
#8 AR-1221-1

R.T.: 4.357 min
Delta R.T.: -0.003 min
Response: 1317
Conc: 3.11 ng/ml



#8 AR-1221-1

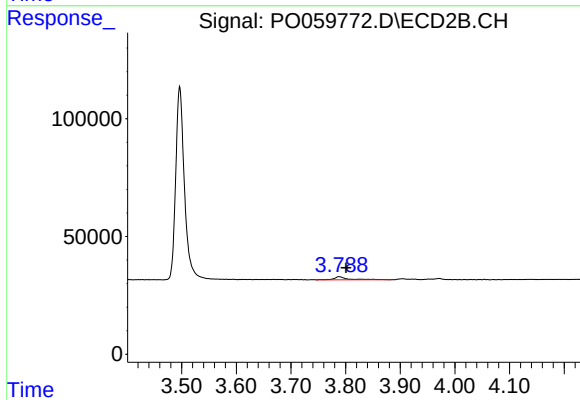
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

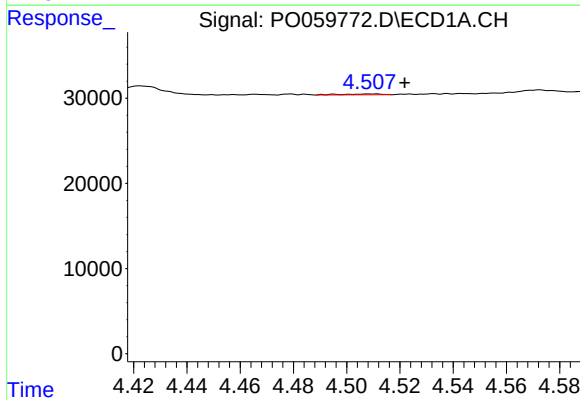
R.T.: 4.457 min
Delta R.T.: 0.011 min
Response: 310
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



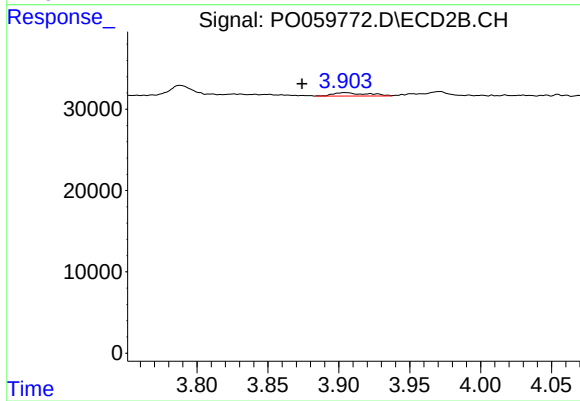
#9 AR-1221-2

R.T.: 3.789 min
Delta R.T.: -0.012 min
Response: 23953
Conc: 78.63 ng/ml



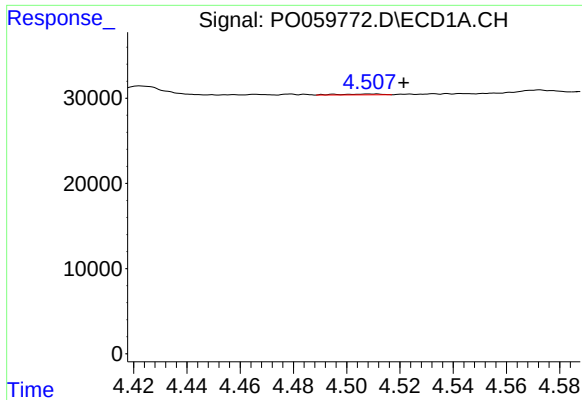
#10 AR-1221-3

R.T.: 4.510 min
Delta R.T.: -0.012 min
Response: 1003
Conc: 0.95 ng/ml



#10 AR-1221-3

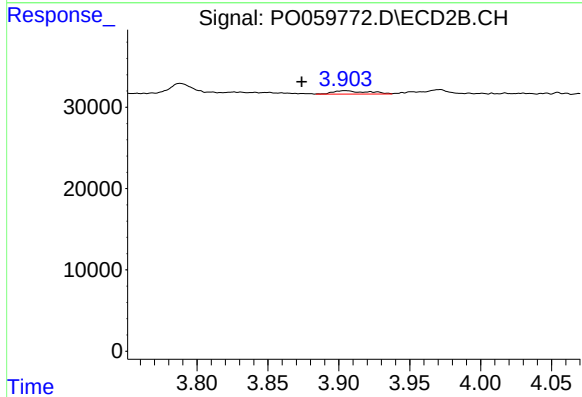
R.T.: 3.904 min
Delta R.T.: 0.030 min
Response: 7074
Conc: 7.23 ng/ml



#11 AR-1232-1

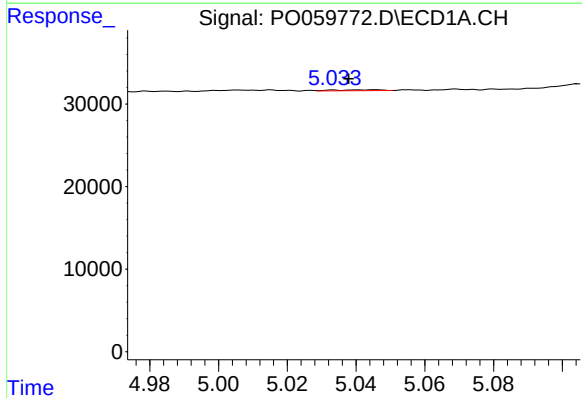
R.T.: 4.510 min
Delta R.T.: -0.012 min
Response: 1003
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



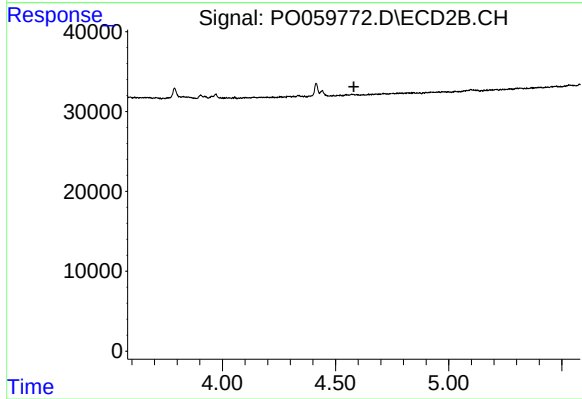
#11 AR-1232-1

R.T.: 3.904 min
Delta R.T.: 0.030 min
Response: 7074
Conc: 6.20 ng/ml



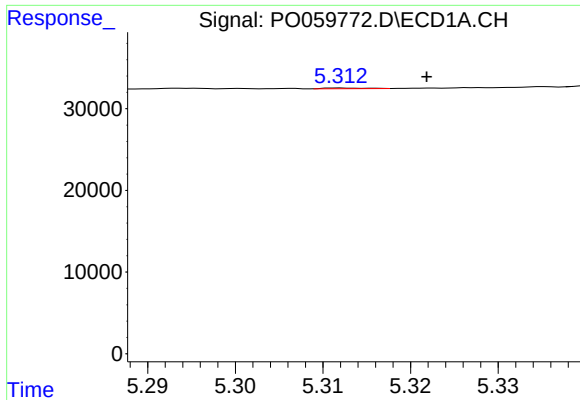
#12 AR-1232-2

R.T.: 5.045 min
Delta R.T.: 0.008 min
Response: 1144
Conc: 1.62 ng/ml



#12 AR-1232-2

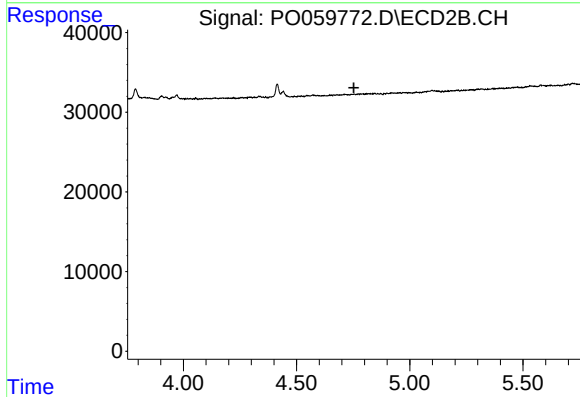
R.T.: 0.000 min
Exp R.T.: 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

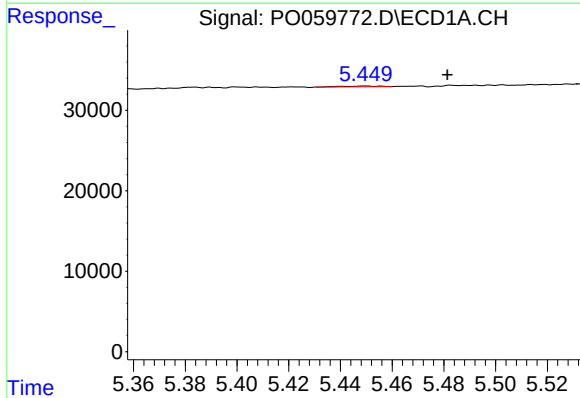
R.T.: 5.313 min
Delta R.T.: -0.009 min
Response: 243
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



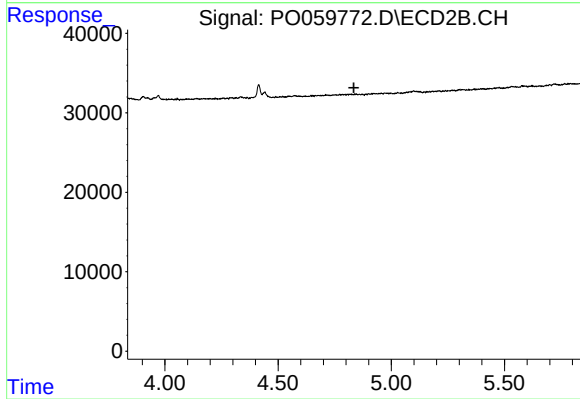
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



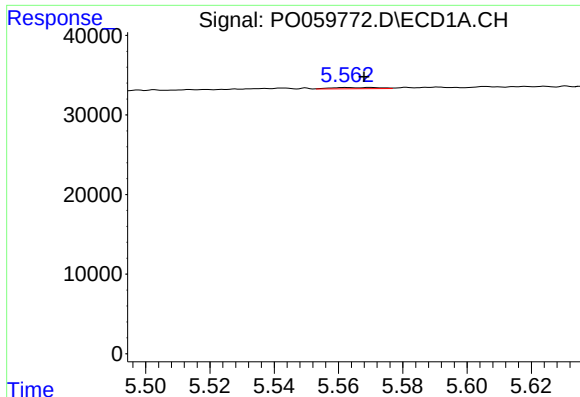
#14 AR-1232-4

R.T.: 5.450 min
Delta R.T.: -0.032 min
Response: 877
Conc: 1.12 ng/ml



#14 AR-1232-4

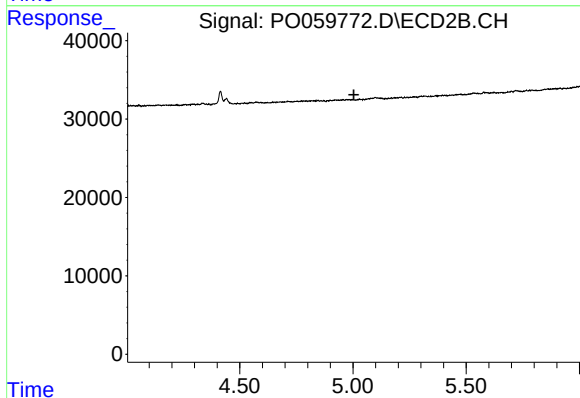
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

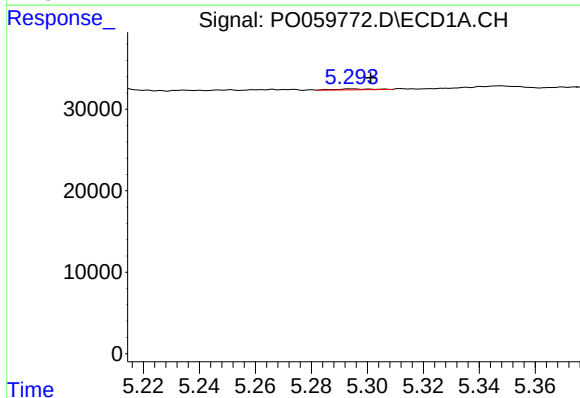
R.T.: 5.562 min
Delta R.T.: -0.006 min
Response: 1632
Conc: 2.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



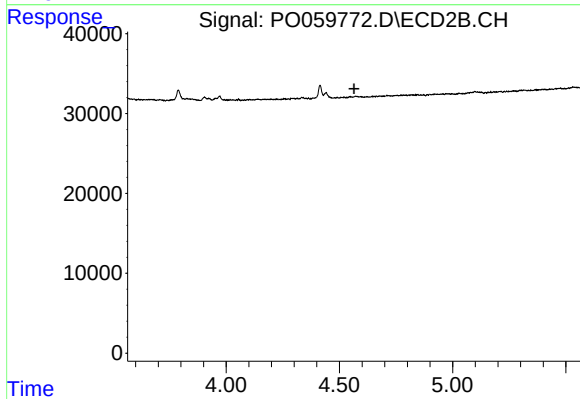
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



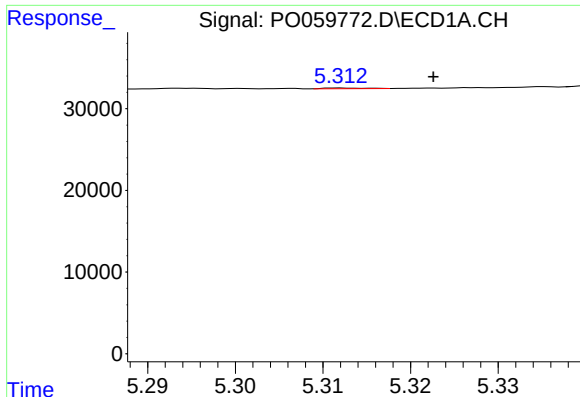
#16 AR-1242-1

R.T.: 5.294 min
Delta R.T.: -0.007 min
Response: 925
Conc: 0.73 ng/ml



#16 AR-1242-1

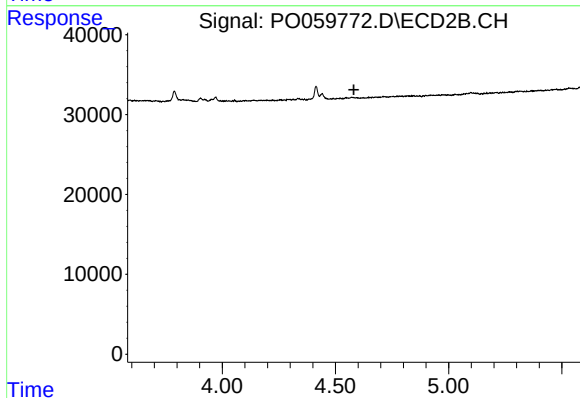
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

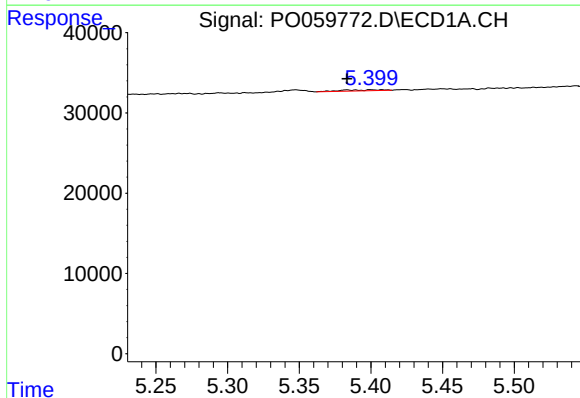
R.T.: 5.313 min
Delta R.T.: -0.010 min
Response: 243
Conc: 0.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



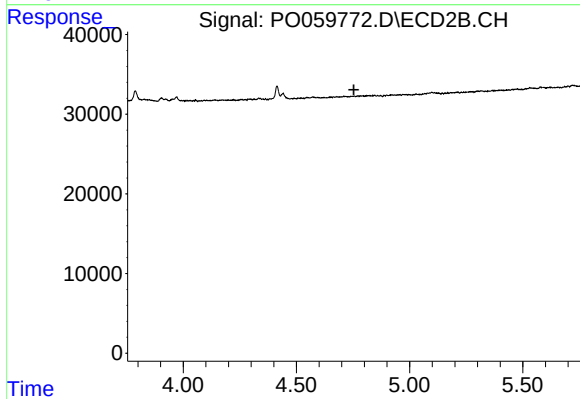
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



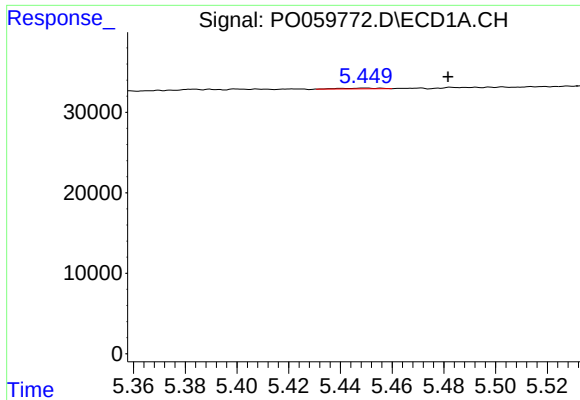
#18 AR-1242-3

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 2576
Conc: 2.20 ng/ml



#18 AR-1242-3

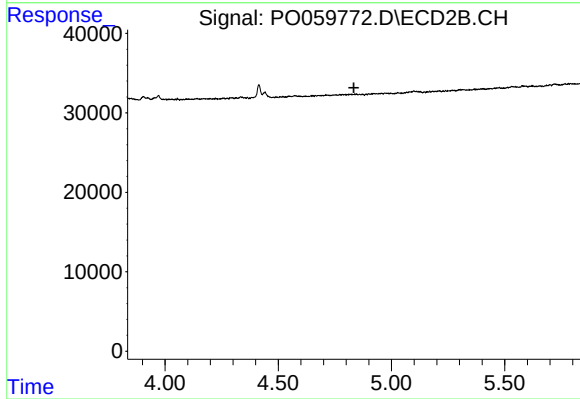
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

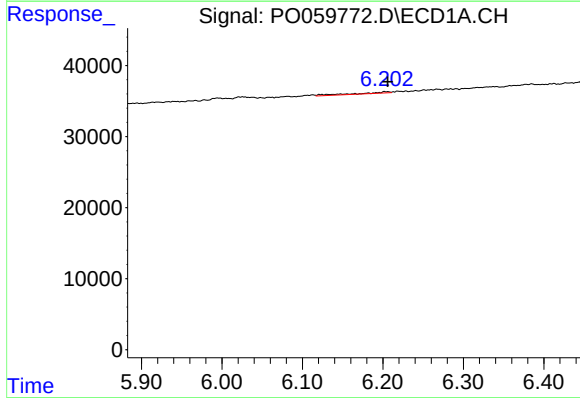
R.T.: 5.450 min
Delta R.T.: -0.032 min
Response: 877
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



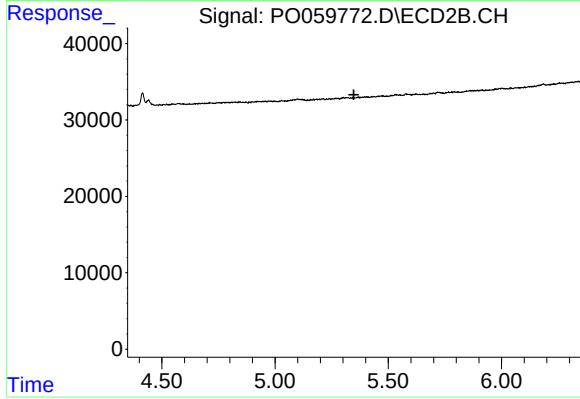
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



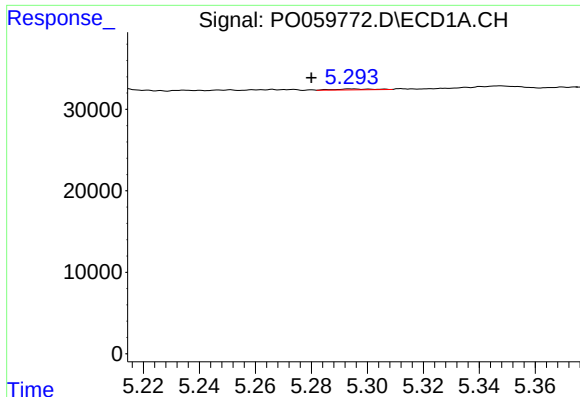
#20 AR-1242-5

R.T.: 6.203 min
Delta R.T.: -0.003 min
Response: 5205
Conc: 4.14 ng/ml



#20 AR-1242-5

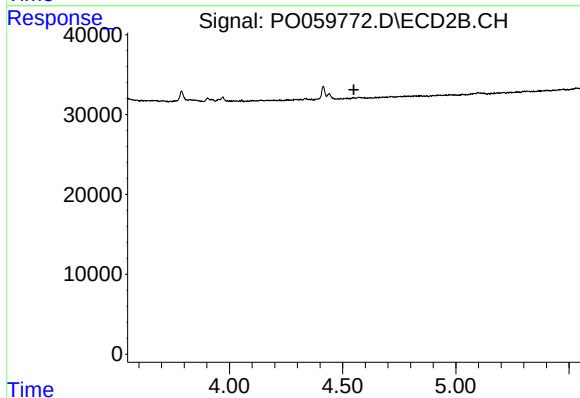
R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#21 AR-1248-1

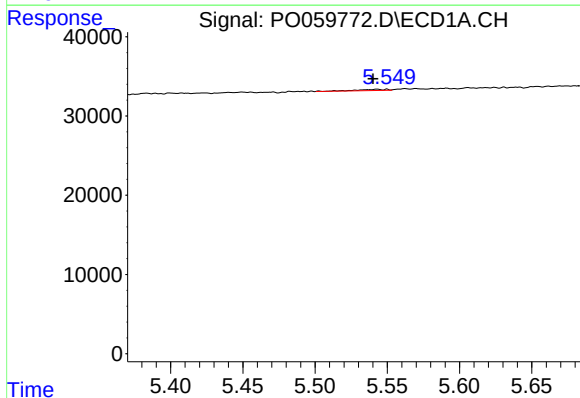
R.T.: 5.294 min
Delta R.T.: 0.014 min
Response: 925
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



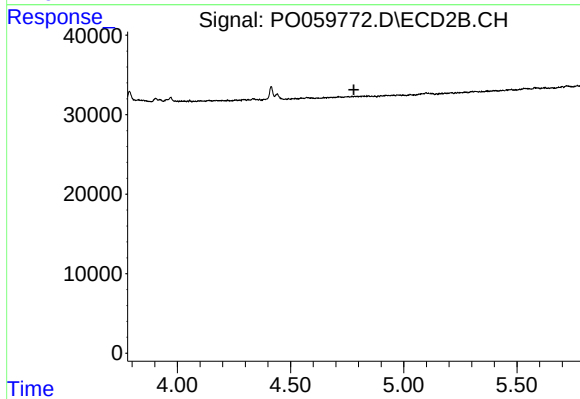
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



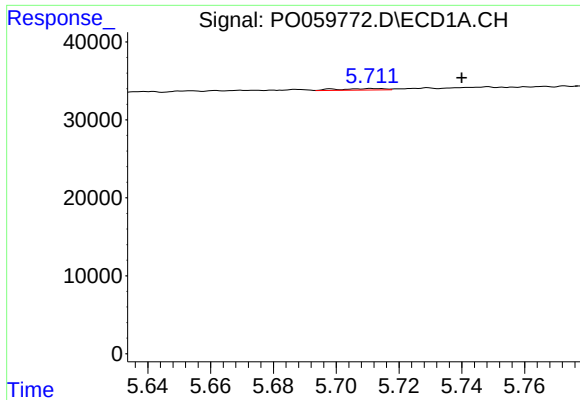
#22 AR-1248-2

R.T.: 5.543 min
Delta R.T.: 0.003 min
Response: 1986
Conc: 1.37 ng/ml



#22 AR-1248-2

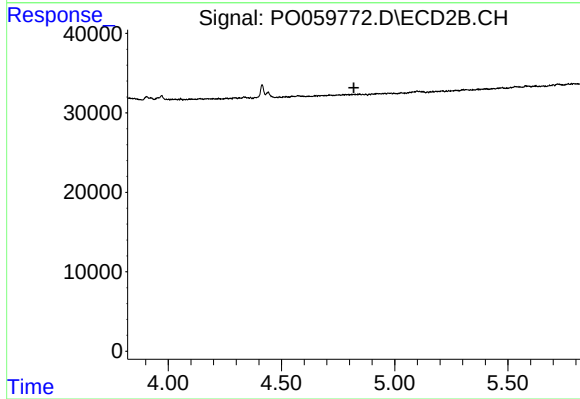
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#23 AR-1248-3

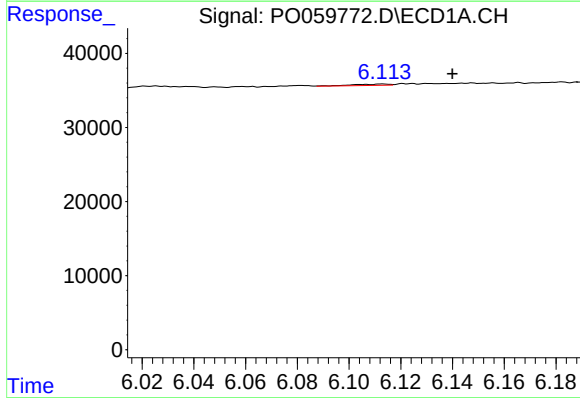
R.T.: 5.712 min
Delta R.T.: -0.028 min
Response: 2045
Conc: 1.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



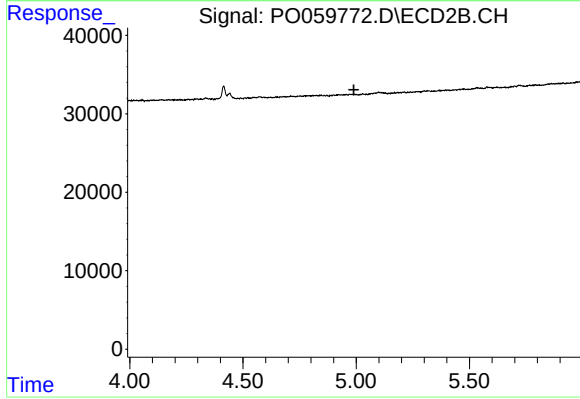
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



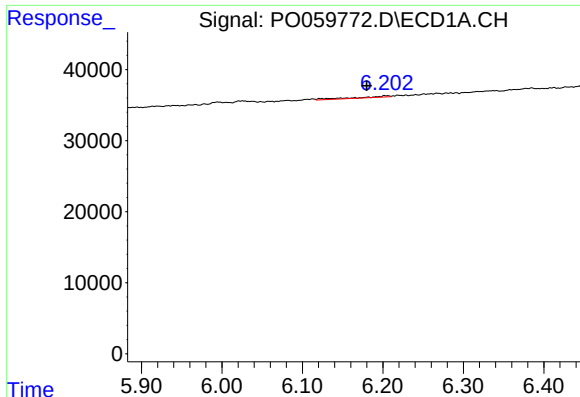
#24 AR-1248-4

R.T.: 6.113 min
Delta R.T.: -0.027 min
Response: 1776
Conc: 0.87 ng/ml



#24 AR-1248-4

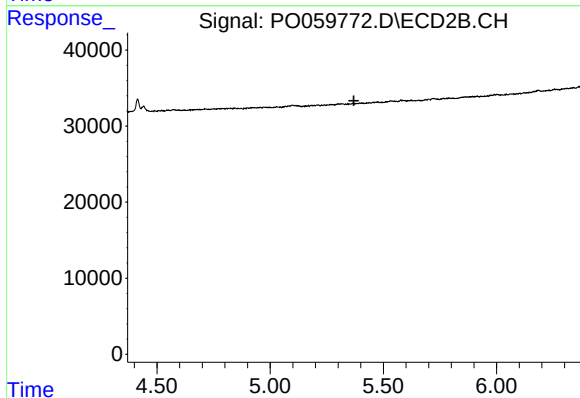
R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



#25 AR-1248-5

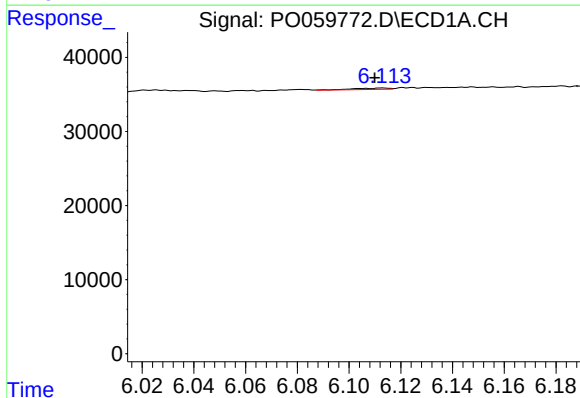
R.T.: 6.203 min
Delta R.T.: 0.023 min
Response: 5205
Conc: 2.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



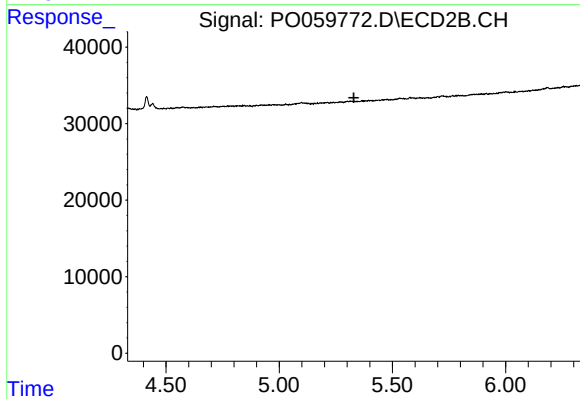
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



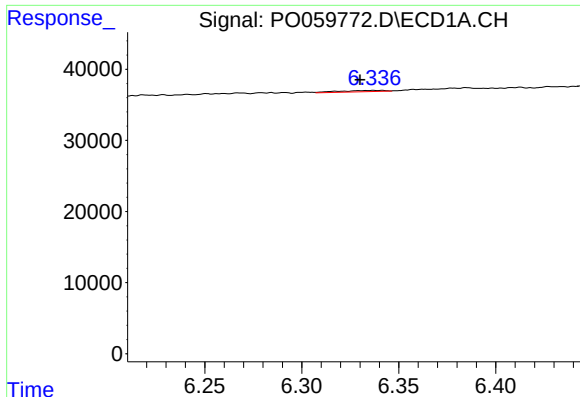
#26 AR-1254-1

R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 1776
Conc: 0.85 ng/ml



#26 AR-1254-1

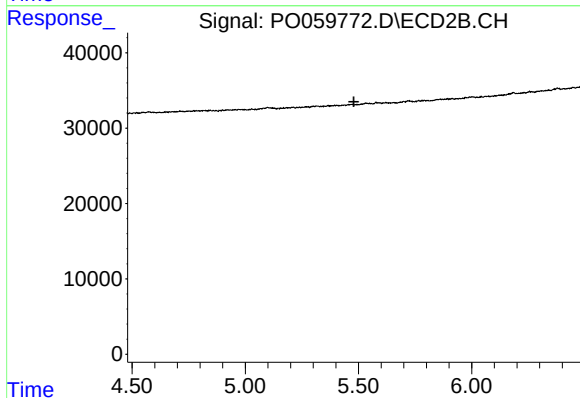
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

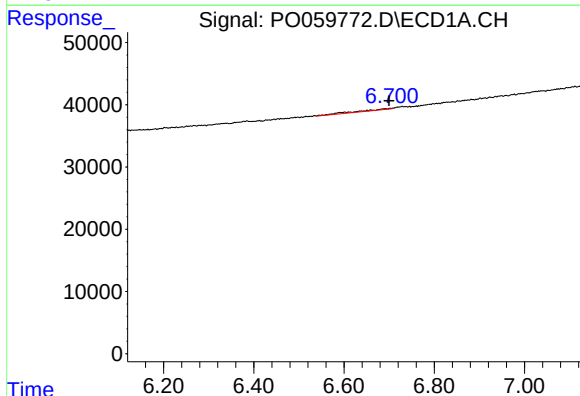
R.T.: 6.338 min
Delta R.T.: 0.008 min
Response: 3089
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



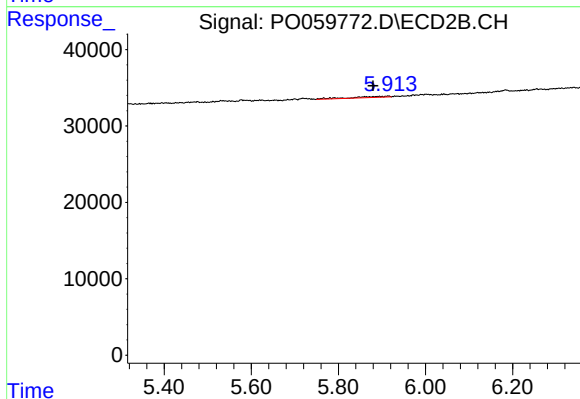
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.480 min
Response: 0
Conc: N.D.



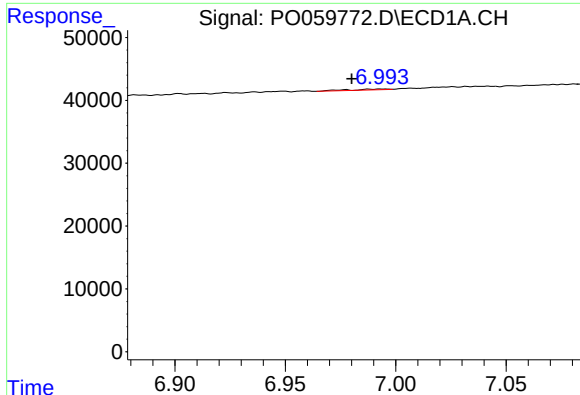
#28 AR-1254-3

R.T.: 6.692 min
Delta R.T.: -0.008 min
Response: 9861
Conc: 2.78 ng/ml



#28 AR-1254-3

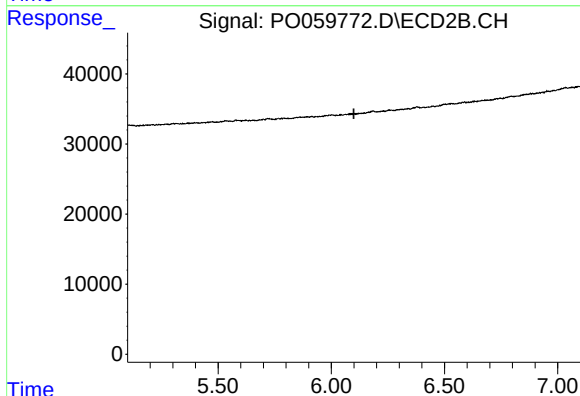
R.T.: 5.914 min
Delta R.T.: 0.034 min
Response: 9210
Conc: 2.74 ng/ml



#29 AR-1254-4

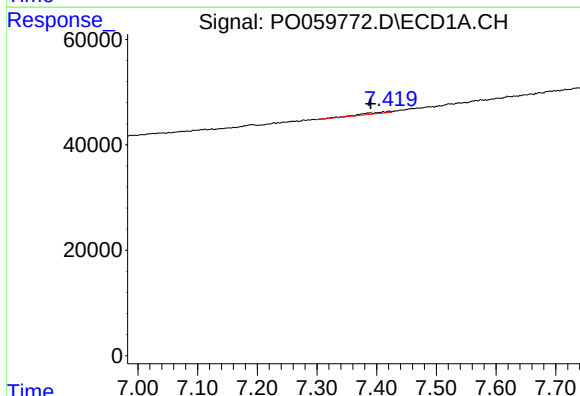
R.T.: 6.994 min
Delta R.T.: 0.014 min
Response: 1875
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



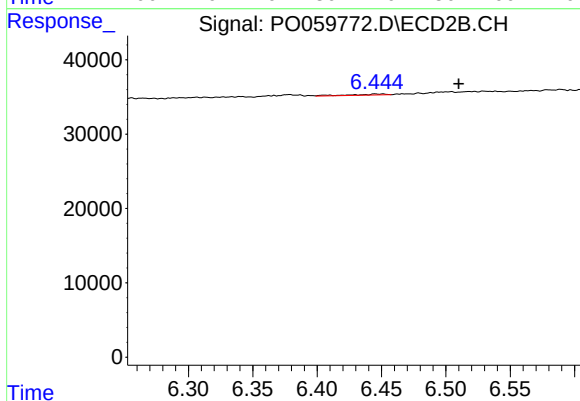
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.100 min
Response: 0
Conc: N.D.



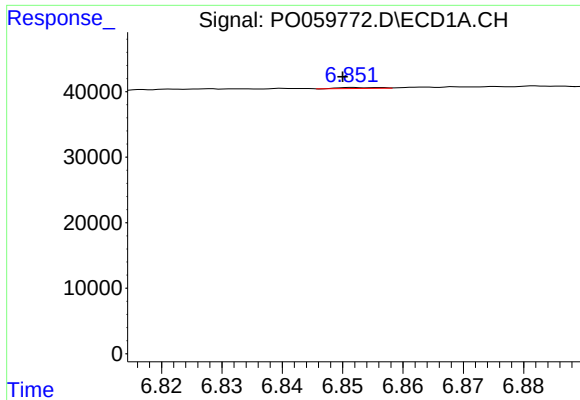
#30 AR-1254-5

R.T.: 7.420 min
Delta R.T.: 0.030 min
Response: 9074
Conc: 2.93 ng/ml



#30 AR-1254-5

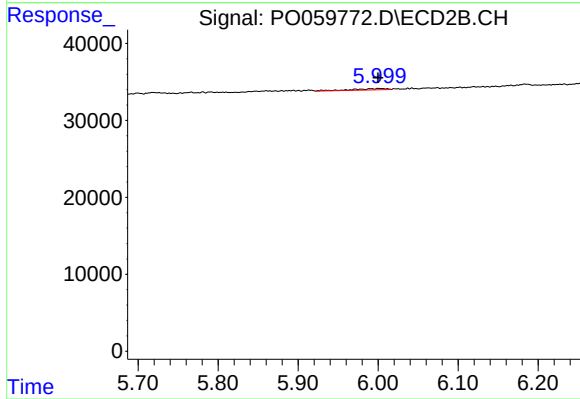
R.T.: 6.448 min
Delta R.T.: -0.062 min
Response: 2414
Conc: 0.78 ng/ml



#31 AR-1260-1

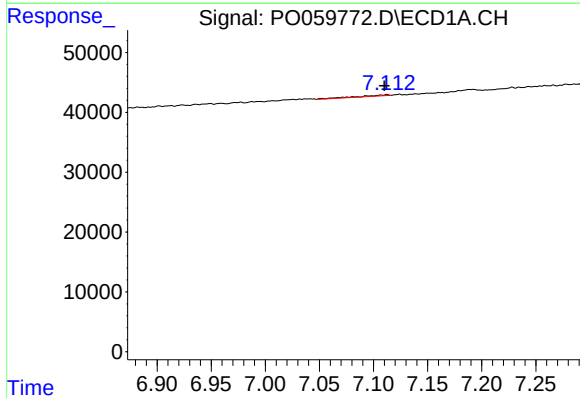
R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 635
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



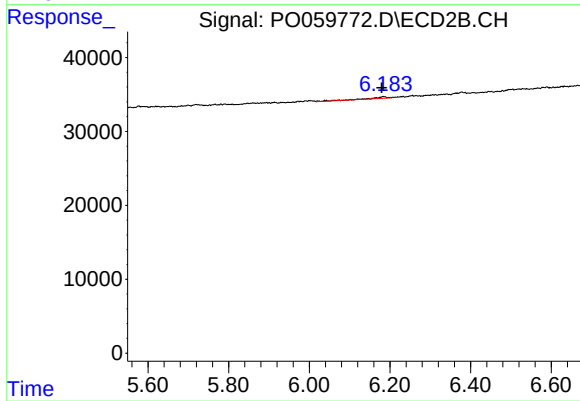
#31 AR-1260-1

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 4899
Conc: 2.15 ng/ml



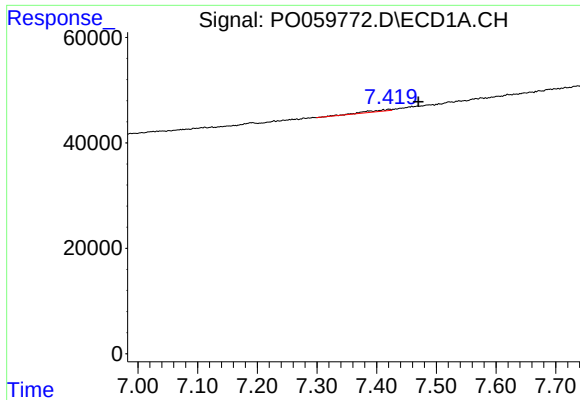
#32 AR-1260-2

R.T.: 7.112 min
Delta R.T.: 0.002 min
Response: 3814
Conc: 1.03 ng/ml



#32 AR-1260-2

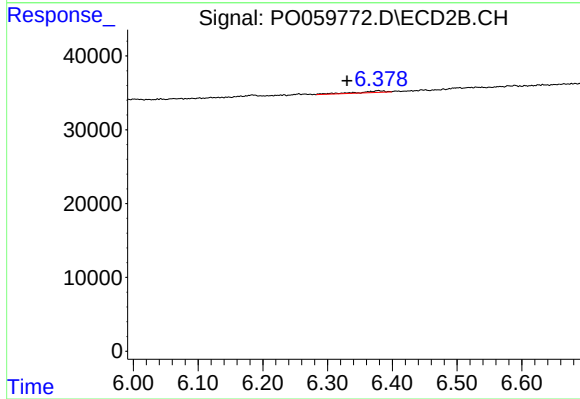
R.T.: 6.184 min
Delta R.T.: 0.004 min
Response: 6170
Conc: 2.11 ng/ml



#33 AR-1260-3

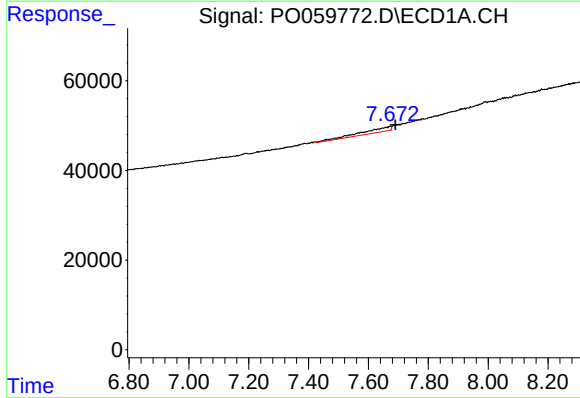
R.T.: 7.420 min
Delta R.T.: -0.050 min
Response: 9074
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



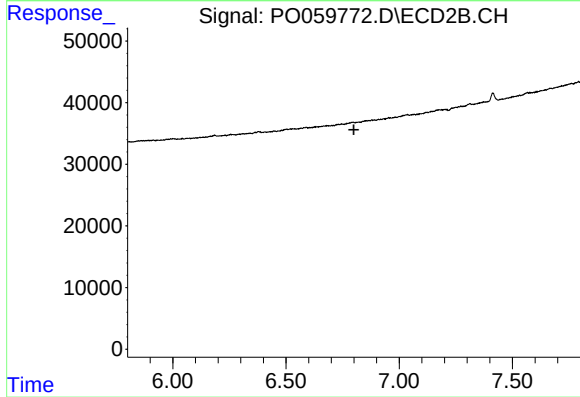
#33 AR-1260-3

R.T.: 6.378 min
Delta R.T.: 0.048 min
Response: 7497
Conc: 2.83 ng/ml



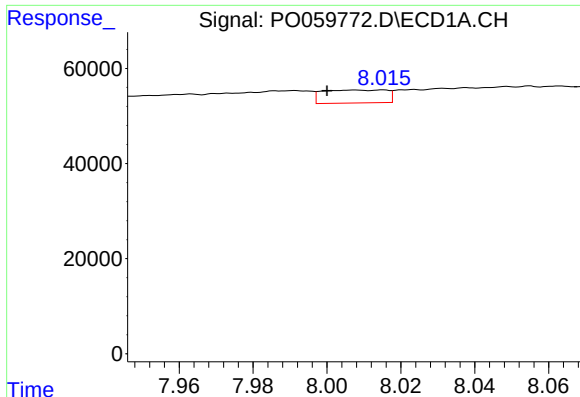
#34 AR-1260-4

R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 72816
Conc: 23.71 ng/ml



#34 AR-1260-4

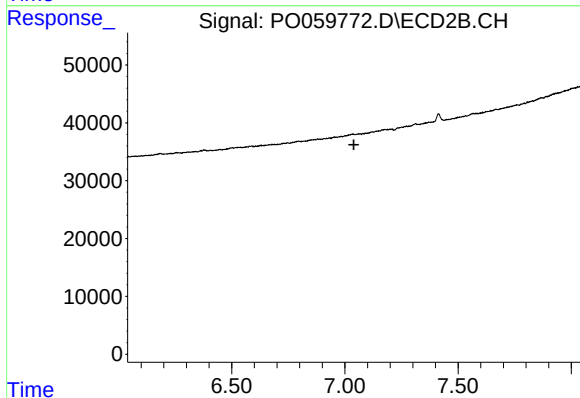
R.T.: 0.000 min
Exp R.T.: 6.800 min
Response: 0
Conc: N.D.



#35 AR-1260-5

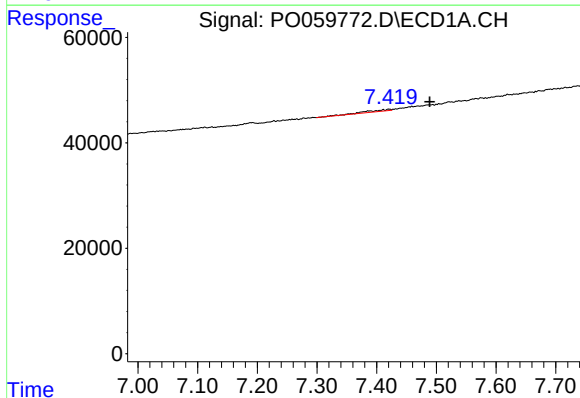
R.T.: 8.008 min
Delta R.T.: 0.008 min
Response: 32598
Conc: 4.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



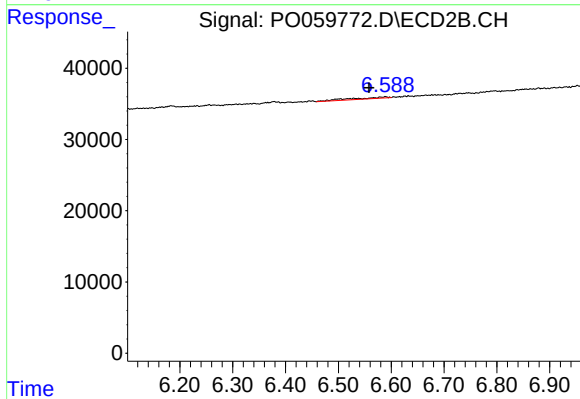
#35 AR-1260-5

R.T.: 7.036 min
Delta R.T.: -0.004 min
Response: -547
Conc: N.D.



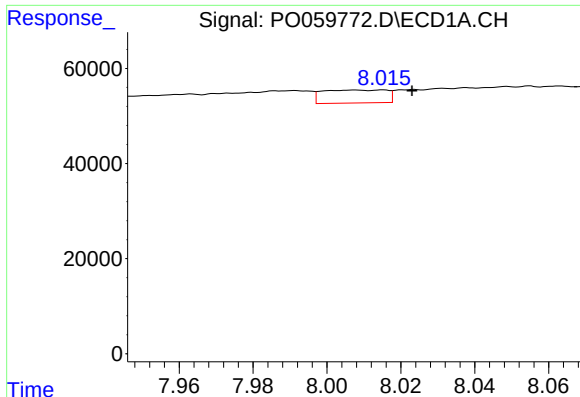
#36 AR-1262-1

R.T.: 7.420 min
Delta R.T.: -0.069 min
Response: 9074
Conc: 1.87 ng/ml



#36 AR-1262-1

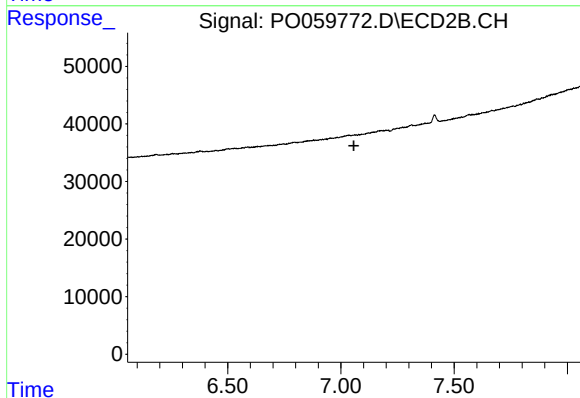
R.T.: 6.589 min
Delta R.T.: 0.031 min
Response: 9725
Conc: 2.61 ng/ml



#37 AR-1262-2

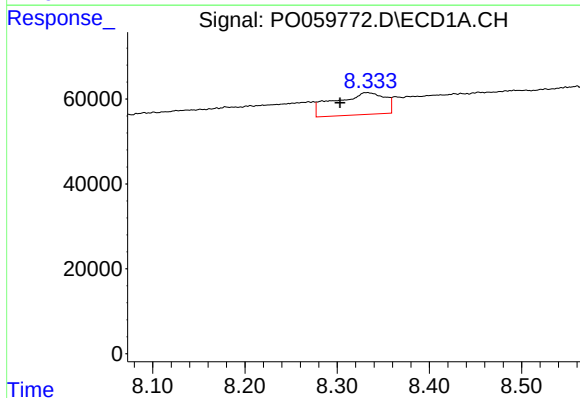
R.T.: 8.008 min
Delta R.T.: -0.015 min
Response: 32598
Conc: 4.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



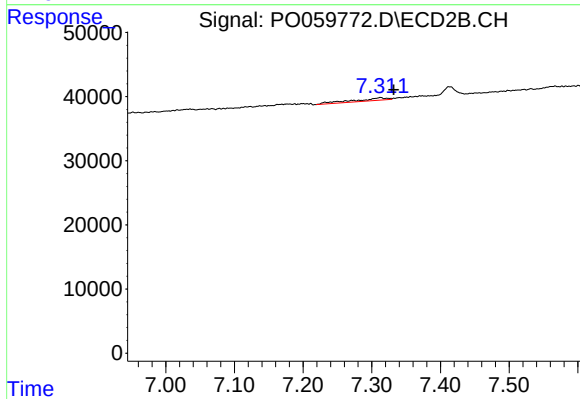
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: -0.022 min
Response: -547
Conc: N.D.



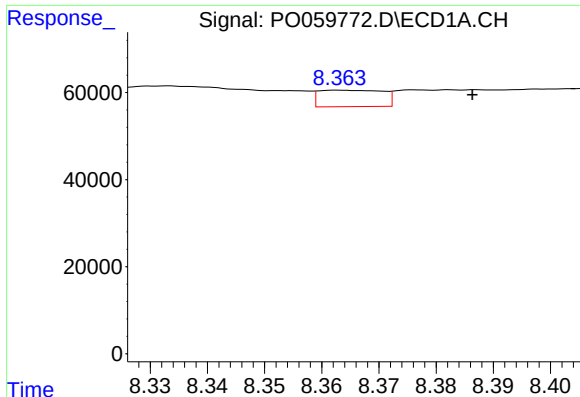
#38 AR-1262-3

R.T.: 8.332 min
Delta R.T.: 0.029 min
Response: 197857
Conc: 38.78 ng/ml



#38 AR-1262-3

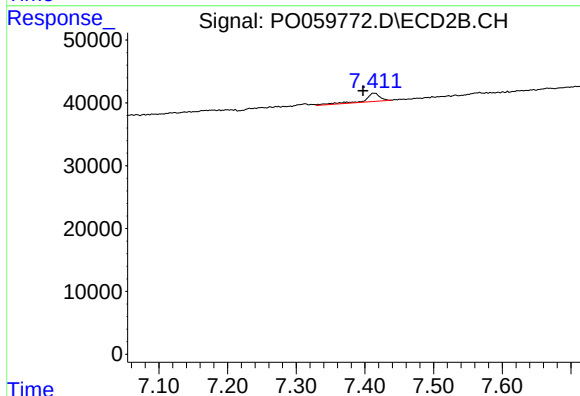
R.T.: 7.312 min
Delta R.T.: -0.020 min
Response: 14182
Conc: 5.58 ng/ml



#39 AR-1262-4

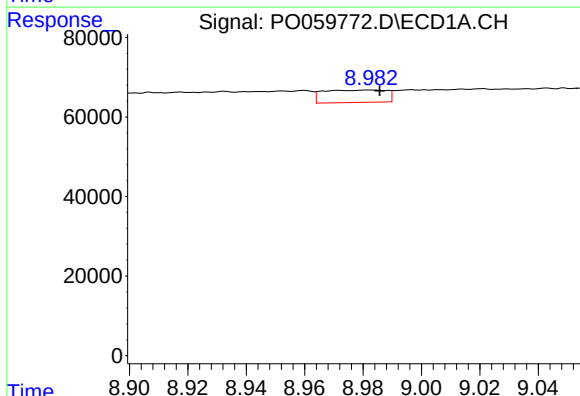
R.T.: 8.363 min
Delta R.T.: -0.023 min
Response: 29419
Conc: 7.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



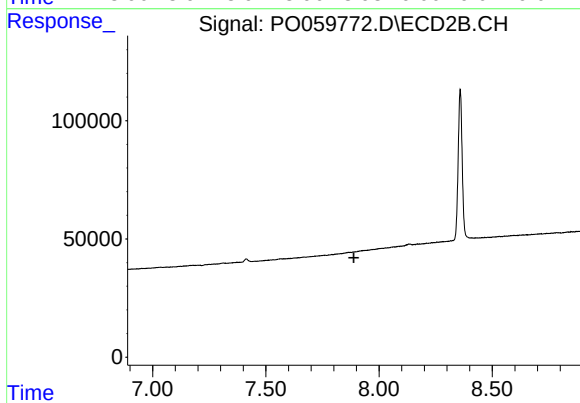
#39 AR-1262-4

R.T.: 7.414 min
Delta R.T.: 0.016 min
Response: 20881
Conc: 4.73 ng/ml



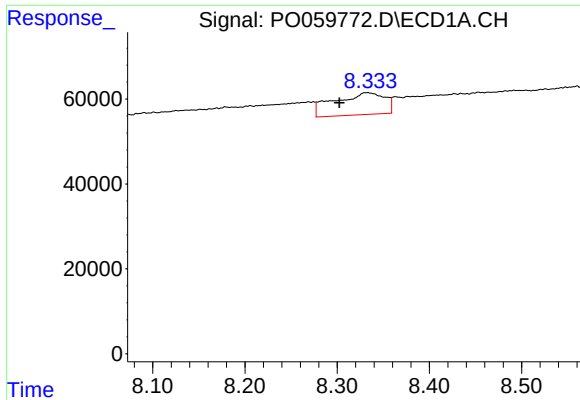
#40 AR-1262-5

R.T.: 8.982 min
Delta R.T.: -0.003 min
Response: 46704
Conc: 18.20 ng/ml



#40 AR-1262-5

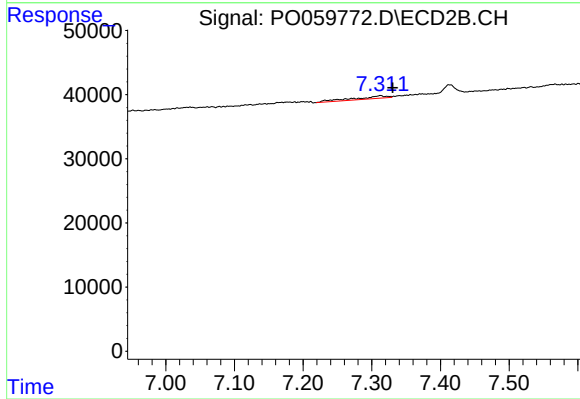
R.T.: 0.000 min
Exp R.T.: 7.889 min
Response: 0
Conc: N.D.



#41 AR-1268-1

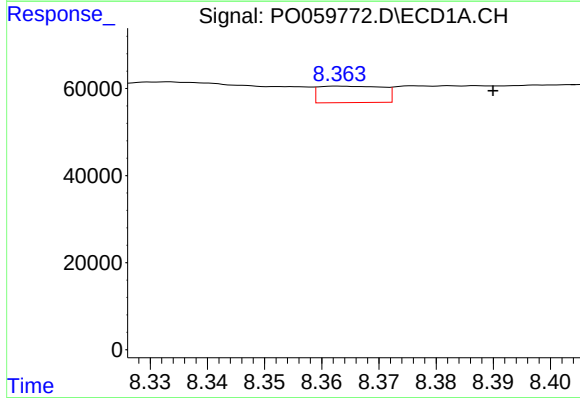
R.T.: 8.332 min
Delta R.T.: 0.030 min
Response: 197857
Conc: 21.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



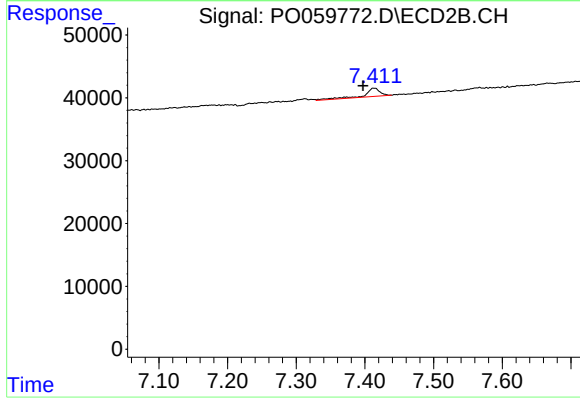
#41 AR-1268-1

R.T.: 7.312 min
Delta R.T.: -0.018 min
Response: 14182
Conc: 1.99 ng/ml



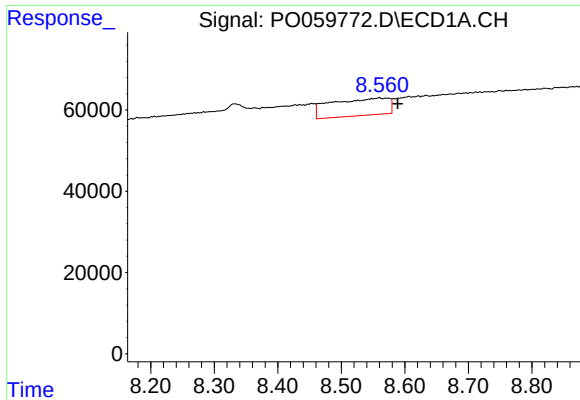
#42 AR-1268-2

R.T.: 8.363 min
Delta R.T.: -0.027 min
Response: 29419
Conc: 3.73 ng/ml



#42 AR-1268-2

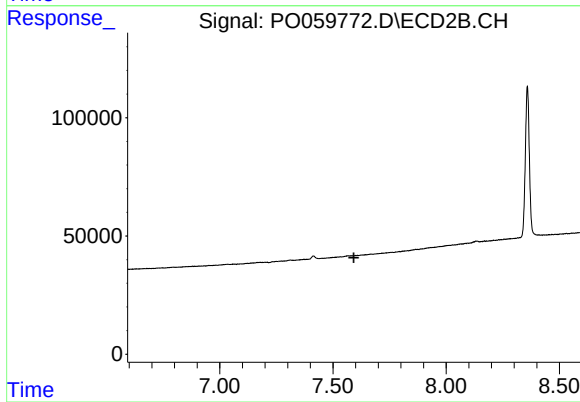
R.T.: 7.414 min
Delta R.T.: 0.016 min
Response: 20881
Conc: 3.24 ng/ml



#43 AR-1268-3

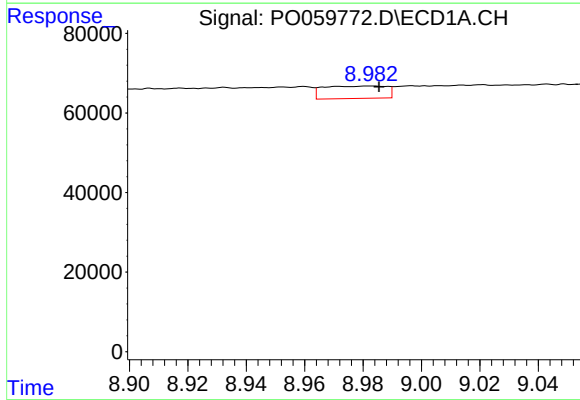
R.T.: 8.560 min
Delta R.T.: -0.029 min
Response: 269608
Conc: 38.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



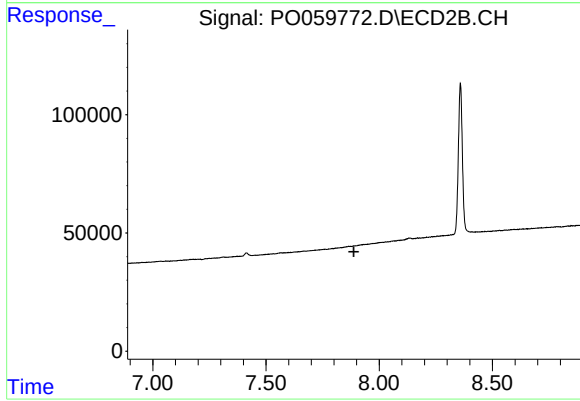
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



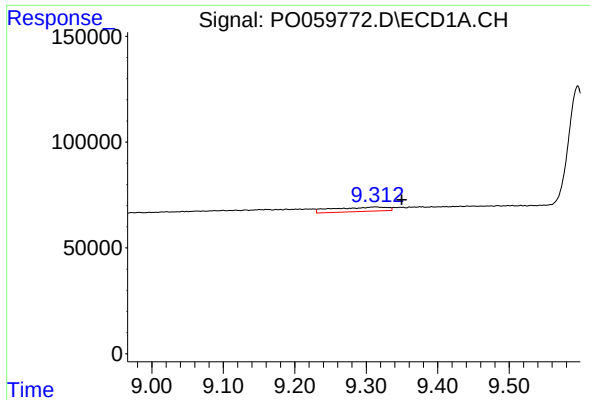
#44 AR-1268-4

R.T.: 8.982 min
Delta R.T.: -0.003 min
Response: 46704
Conc: 16.80 ng/ml



#44 AR-1268-4

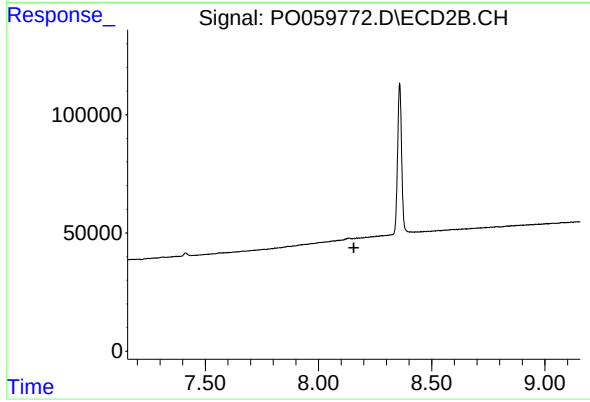
R.T.: 0.000 min
Exp R.T. : 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.312 min
Delta R.T.: -0.037 min
Response: 110797
Conc: 6.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.