Fig. 1A

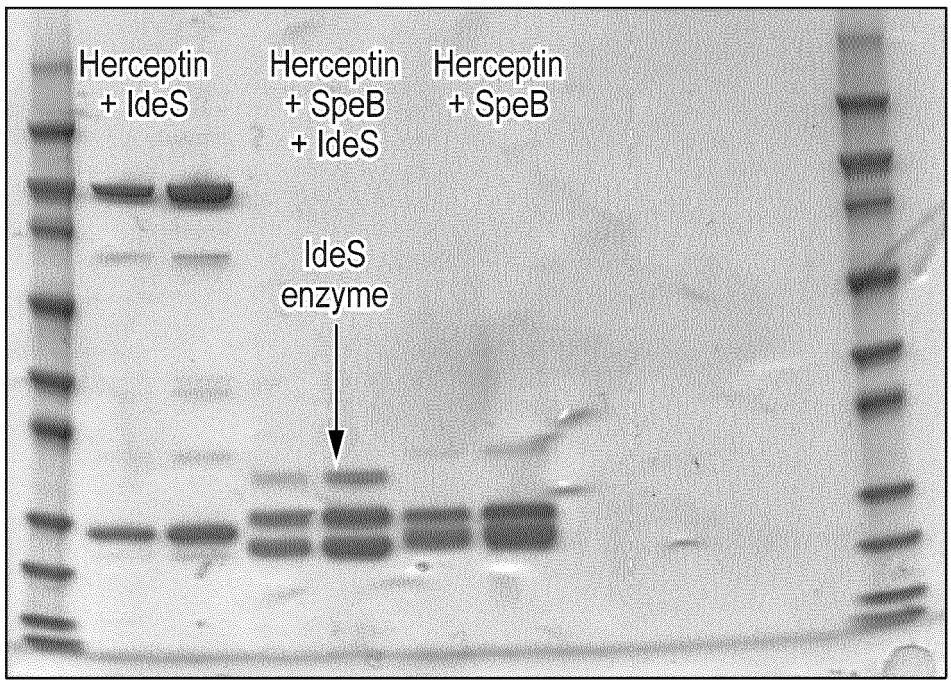

Herceptin
+ IdeS
Herceptin
+ SpeB
+ IdeS
Herceptin
+ SpeB
IdeS
enzyme

Fig. 1B

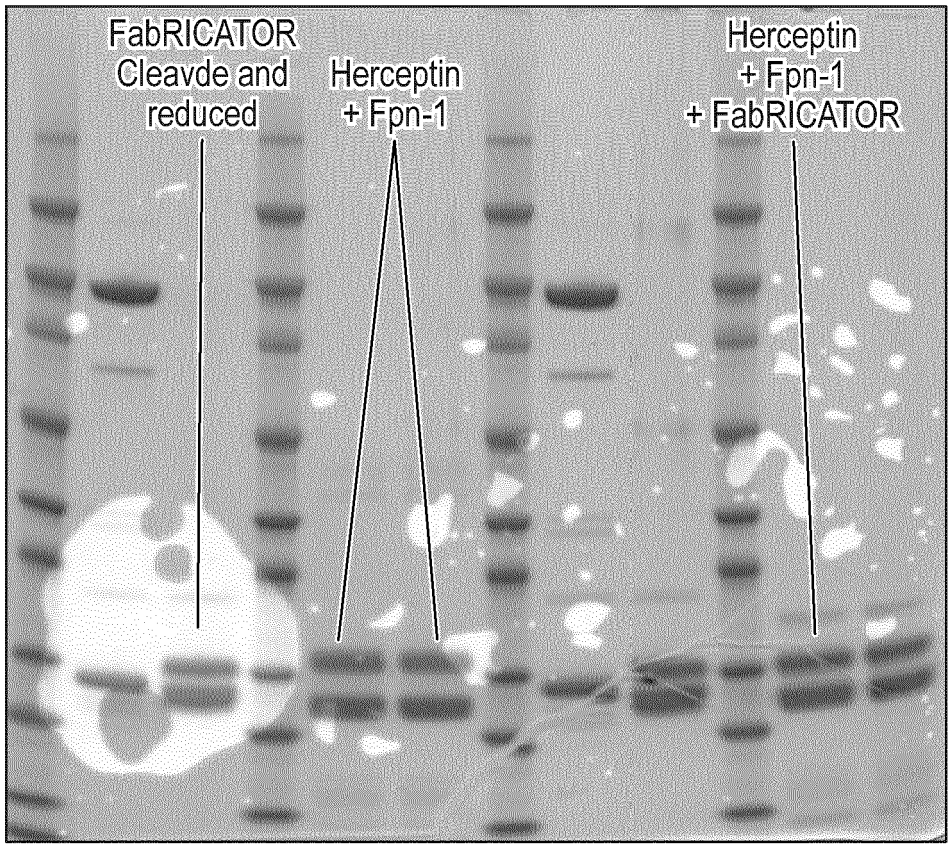

FabRICATOR
Cleavde and
reduced
Herceptin
+ Fpn-1
Herceptin
+ Fpn-1
+ FabRICATOR

Fig. 2

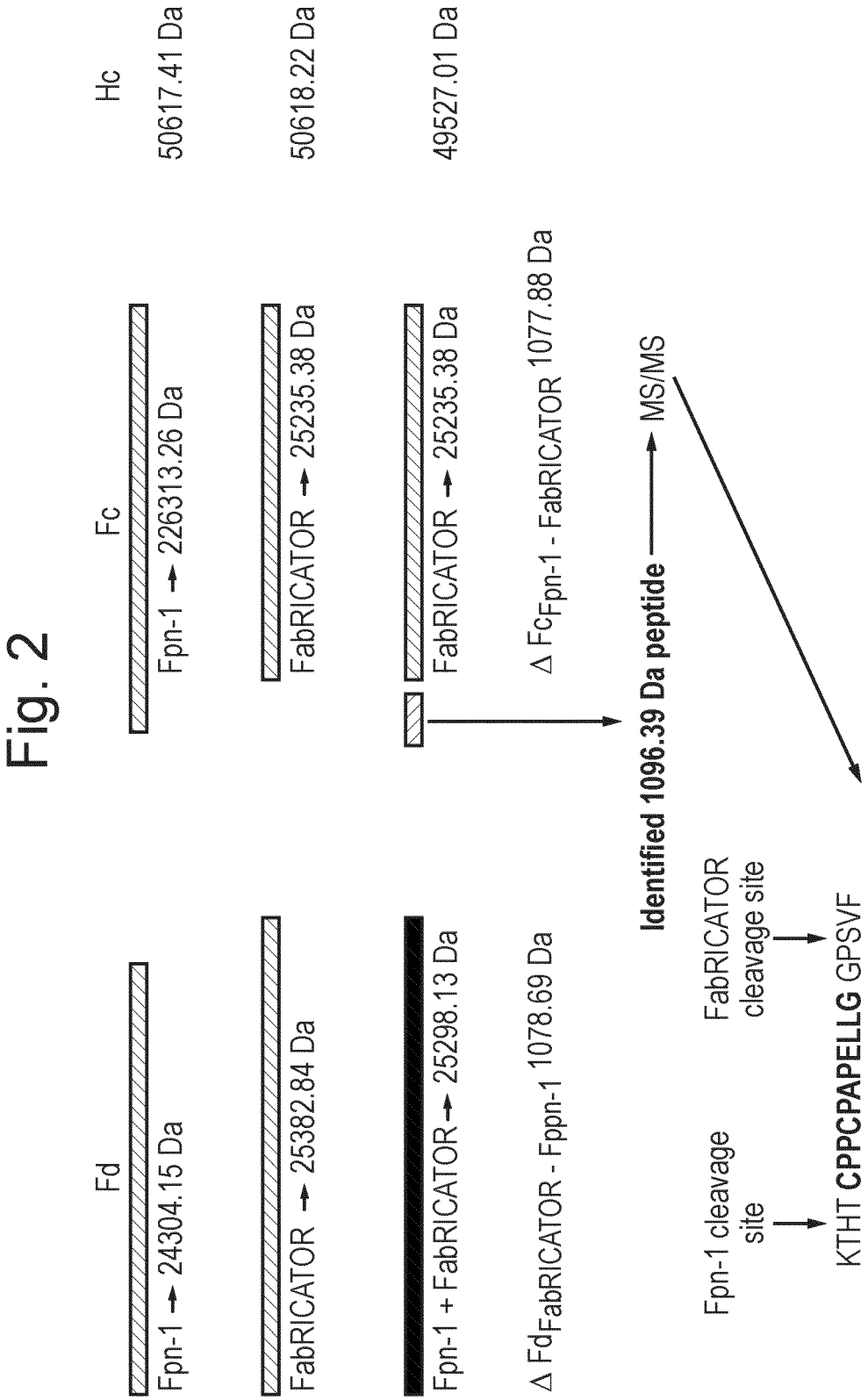

Fd
Fpn-1 → 24304.15 Da
FabRICATOR → 25382.84 Da
Fpn-1 + FabRICATOR → 25298.13 Da
Δ Fd FabRICATOR - Fppn-1 1078.69 Da
Fc
Fpn-1 → 226313.26 Da
FabRICATOR → 25235.38 Da
FabRICATOR → 25235.38 Da
Δ Fc Fpn-1 - FabRICATOR 1077.88 Da
Hc
50617.41 Da
50618.22 Da
49527.01 Da
Identified 1096.39 Da peptide
MS/MS
Fpn-1 cleavage site
FabRICATOR cleavage site
KTHT CPPCPAPELLG GPSVF
Theoretical (1096.52)

Fig. 3

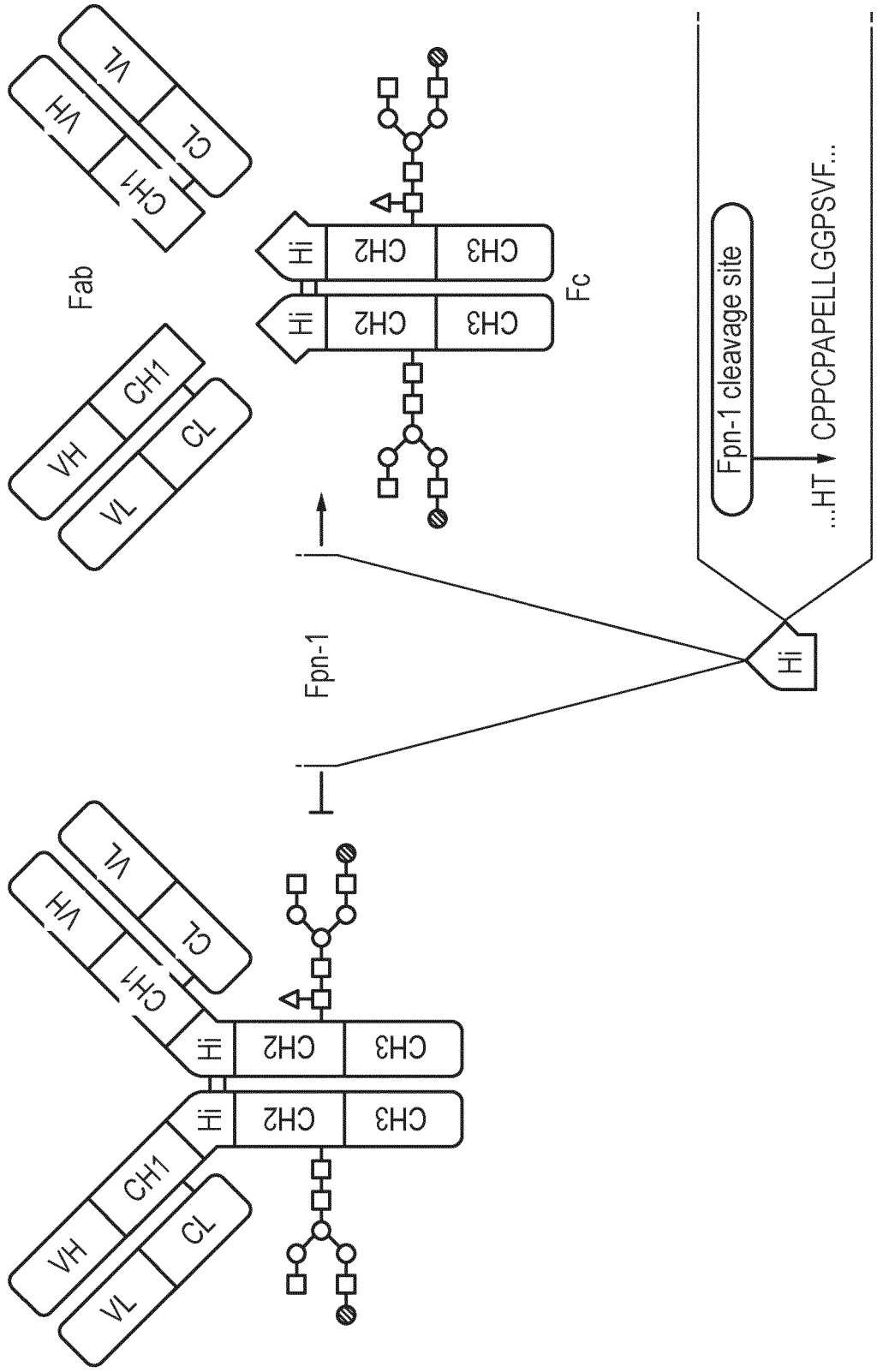

VL
CL
VH
CH1
Fab
Hi
CH2
CH3
Fc
VH
CH1
VL
CL
Fpn-1
Fpn-1 cleavage site
...HT
CPPCPAPELLGGPSVF...
Hi

Fig. 4A

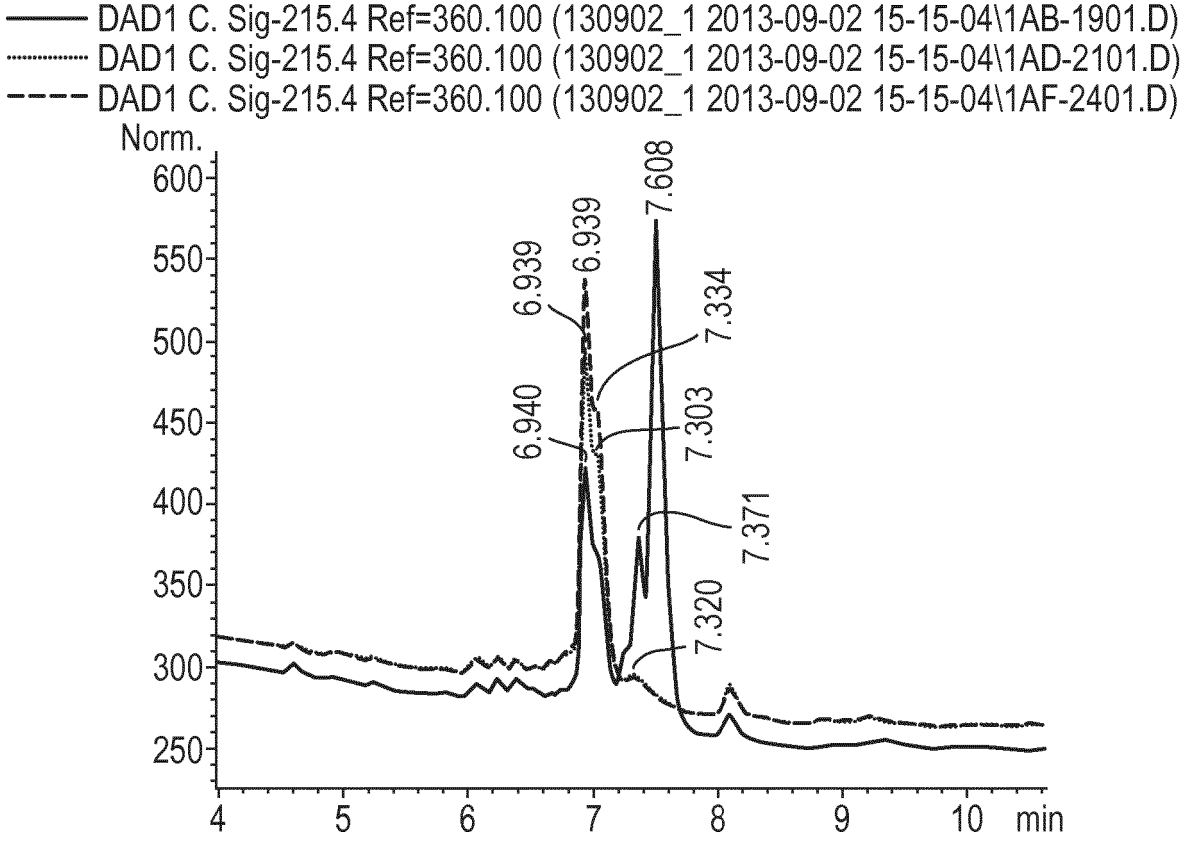
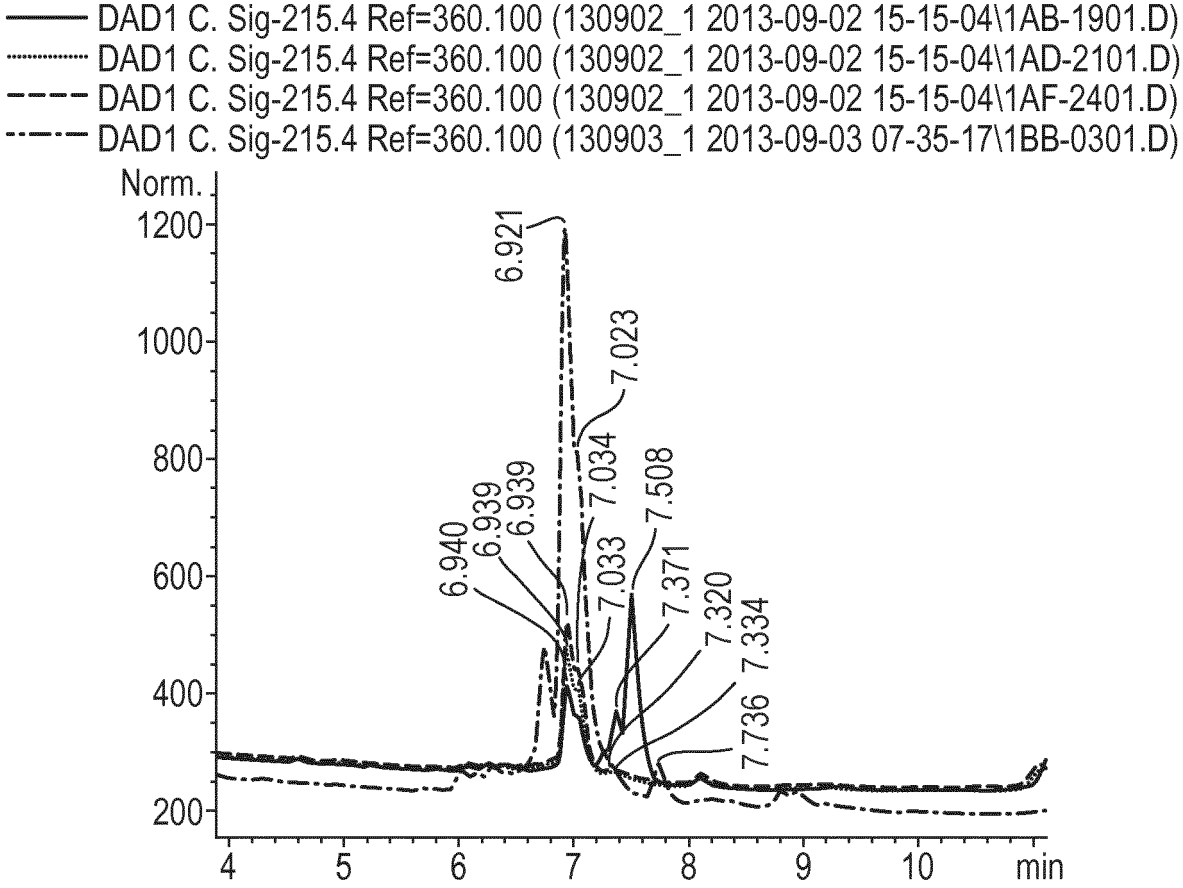

DAD1 C. Sig-215.4 Ref=360.100 (130902_1 2013-09-02 15-15-04\1AB-1901.D)
DAD1 C. Sig-215.4 Ref=360.100 (130902_1 2013-09-02 15-15-04\1AD-2101.D)
DAD1 C. Sig-215.4 Ref=360.100 (130902_1 2013-09-02 15-15-04\1AF-2401.D)
Norm.
600
550
500
450
400
350
300
250
6.939
6.939
7.608
7.334
6.940
7.303
7.371
7.320
4
5
6
7
8
9
10
min

Fig. 4B


DAD1 C. Sig-215.4 Ref=360.100 (130902_1 2013-09-02 15-15-04\1AB-1901.D)
DAD1 C. Sig-215.4 Ref=360.100 (130902_1 2013-09-02 15-15-04\1AD-2101.D)
DAD1 C. Sig-215.4 Ref=360.100 (130902_1 2013-09-02 15-15-04\1AF-2401.D)
DAD1 C. Sig-215.4 Ref=360.100 (130903_1 2013-09-03 07-35-17\1BB-0301.D)
Norm.
1200
1000
800
600
400
200
6.921
7.023
7.034
6.940
6.939
6.939
7.508
7.033
7.371
7.320
7.334
7.736
4
5
6
7
8
9
10
min