

### Amino Acid Sequence of Erenumab Heavy Chain

1 QVQLVESGGG VVQPGRSLRL SCAASGFTFS SFGMHWVRQA PGKGLEWVAV  
 51 ISFDGSIKYS VDSVKGRFTI SRDNSKNTLF LQMNSLRAED TAVYYCARDDR  
 101 LNYYDSSGYY HYKYYGMAVW GQGTITVTVSS ASTKGPSVFP LAPCSRSTSE  
 151 STAALGCLVK DYFPEPVTVS WNSGALTSGV HTFPAVLQSS GLYSLSSVVT  
 201 VPSSNFGTQT YTCNVDHKPS NTKVDKTVR KCCVECPPCP APPVAGPSVF  
 251 LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVQFNWYVDG VEVHNAKTKP  
 301 REEQFNSTFR VVSVLTVVHQ DWLNGKEYKC KVSNGKLPAP IEKTISKTKG  
 351 QPREPQVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY  
 401 KTTTPMLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL  
 451 SLSPGK (SEQ ID NO: 1)

FIG. 1A

### Amino Acid Sequence of Erenumab Light Chain

1 QSVLTQPPSV SAAPGQKVTI SCSGSSSNIG NNYVSWYQQL PGTAPKLLIY  
 51 DNNKRPSGIP DRFSGSKSGT STTLGITGLQ TGDEADYYCG TWDSRLSAVV  
 101 FGGGTKLTVL GQPKANPTVT LFPPSSEELQ ANKATLVCLI SDFYPGAVTV  
 151 AWKADGSPVK AGVETTKPSK QSNNKYAASS YLSLTPEQWK SHRSYSCQVT  
 201 HEGSTVEKTV APTECS (SEQ ID NO: 2)

FIG. 1B

**Erenumab Heavy Chain Sequence with Post-Translational Modifications**

1 pEVQLVESGGG VVQPGRSLRL SCAASGFTFS SFGMHWVRQA PGKGLEWVAV  
51 ISFDGSIKYS VDSVKGRFTI SRDNSKNTLF LQMNSLRAED TAVYYCARDDR  
101 LNYYDSSGYY HYKYYGMAVW GQGTTVTVSS ASTKGPSVFP LAPCSRSTSE  
151 STAALGCLVK DYFPEPVTVS WNSGALTSGV HTFPAVLQSS GLYSLSSVVT  
201 VPSSNFGTQT YTCNVDPKPS NTKVDKTVR KCCVECPPCP APPVAGPSVF  
251 LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVQFNWYVDG VEVHNAKTKP  
301 REEQFNSTFR VVSVLTVVHQ DWLNGKEYKC KVSNGKLPAP IEKTISKTKG  
351 QPREPQVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY  
401 KTTTPMLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL  
451 SLSPG (SEQ ID NO: 3)

**FIG. 1C****Erenumab Light Chain Sequence with Post-Translational Modifications**

1 pESVLTQPPSV SAAPGQKVTI SCSGSSSNIG NNYVSWYQQL PGTAPKLLIY  
51 DNNKRPSGIP DRFSGSKSGT STTLGITGLQ TGDEADYYCG TWDSRLSAVV  
101 FGGGTKLTVL GQPKANPTVT LFPPSSEELQ ANKATLVCLI SDFYPGAVTV  
151 AWKADGSPVK AGVETTKPSK QSNKYAASS YLSLTPEQWK SHRSYSCQVT  
201 HEGSTVEKTV APTECS (SEQ ID NO: 4)

**FIG. 1D**

**Amino Acid Sequence of Erenumab Heavy Chain Variable Region**

1 QVQLVESGGG VVQPGRSRLR SCAASGFTFS SFGMHWVRQA PGKGLEWVV  
51 ISFDGSIKYS VDSVKGRFTI SRDNSKNTLF LQMNSLRAED TAVYYCARDR  
101 LNYYDSSGYY HYKYYGMAVW GQGTTVTVSS (SEQ ID NO: 5)

**FIG. 1E****Amino Acid Sequence of Erenumab Light Chain Variable Region**

1 QSVLTQPPSV SAAPGQKVTI SCSGSSSNIG NNYVSWYQQL PGTAPKLLIY  
51 DNNKRPSGIP DRFSGSKSGT STTLGITGLQ TGDEADYYCG TWDSRLSAVV  
101 FGGGTKLTVL (SEQ ID NO: 6)

**FIG. 1F**

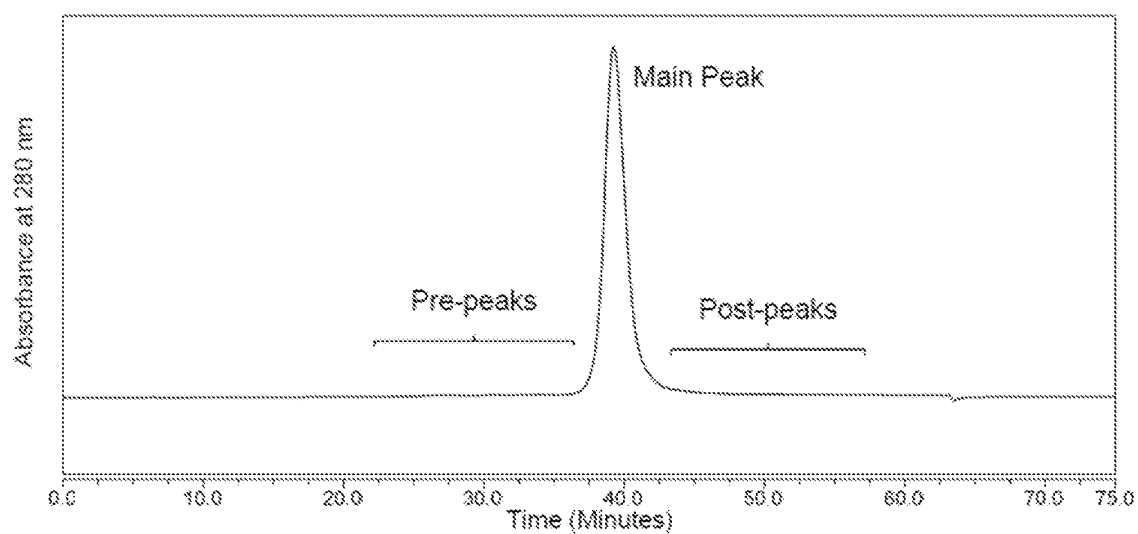


FIG. 2A

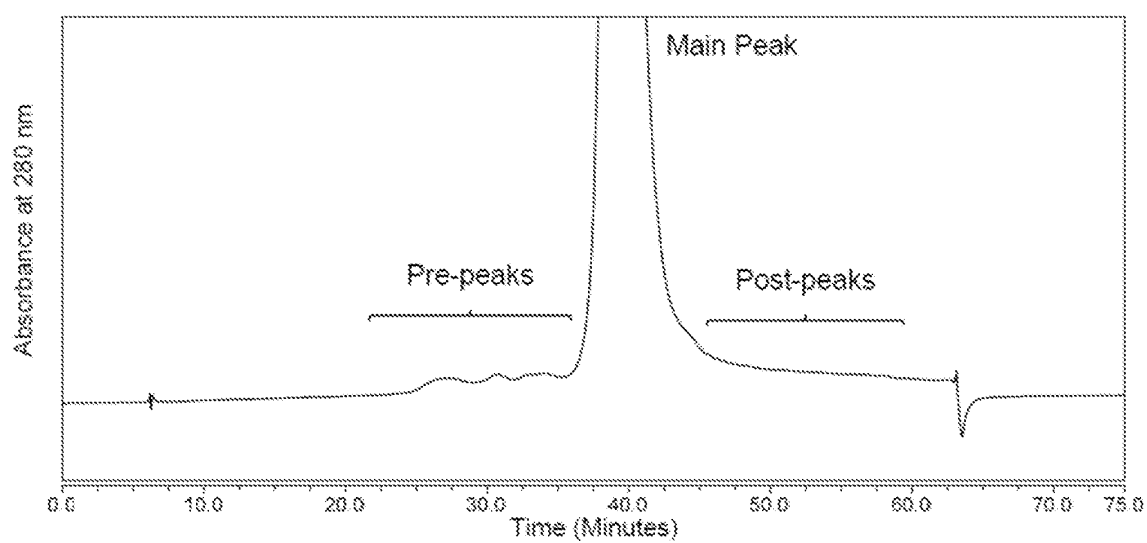


FIG. 2B

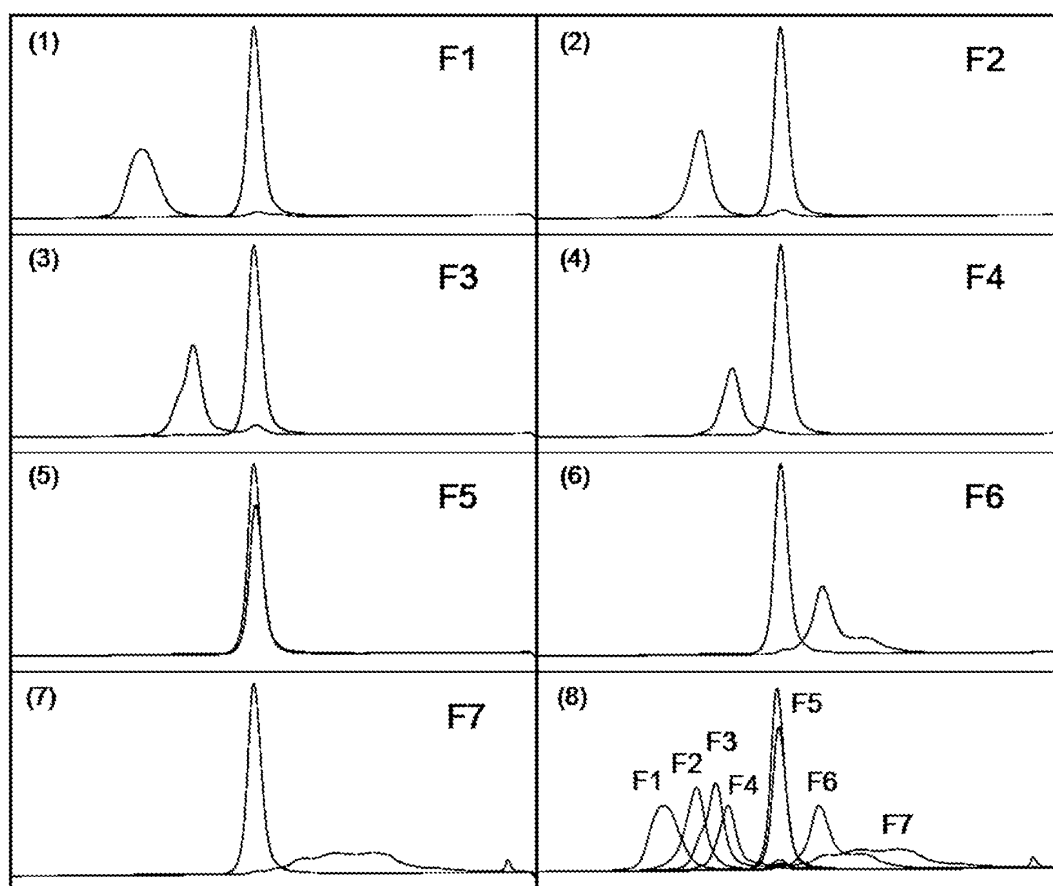


FIG. 3

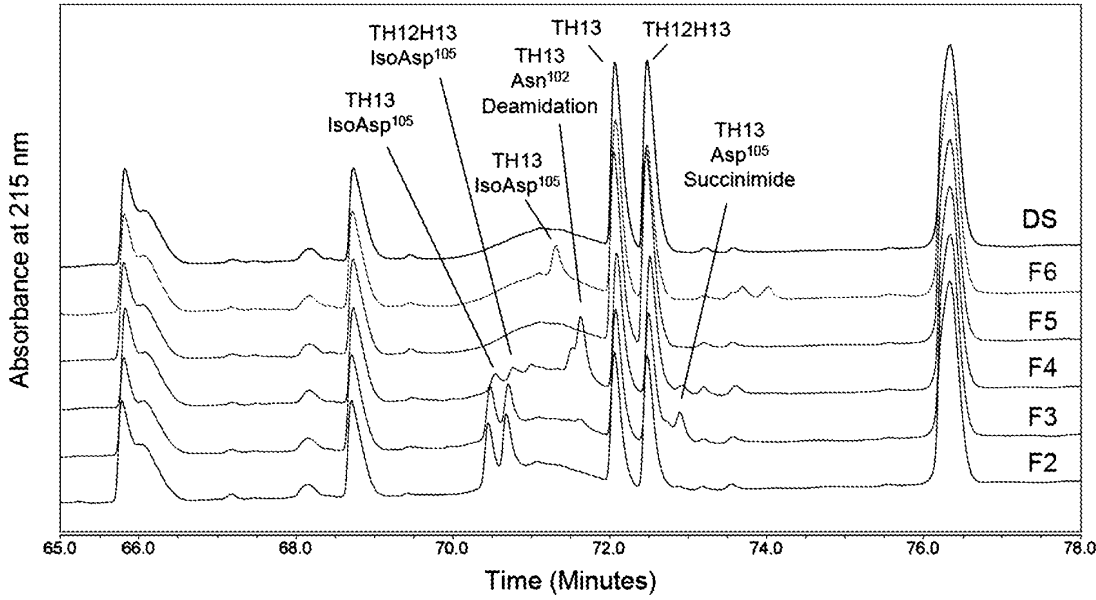


FIG. 4

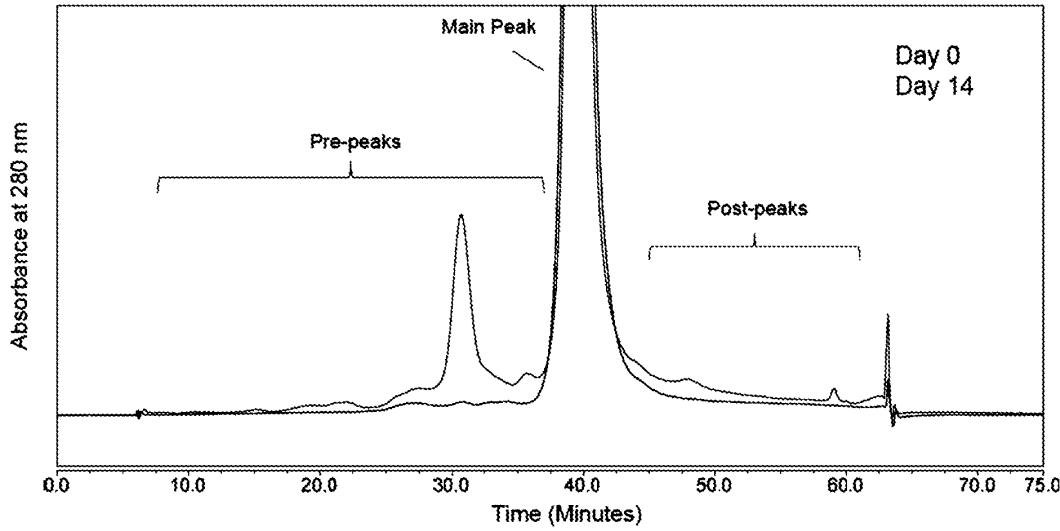


FIG. 5

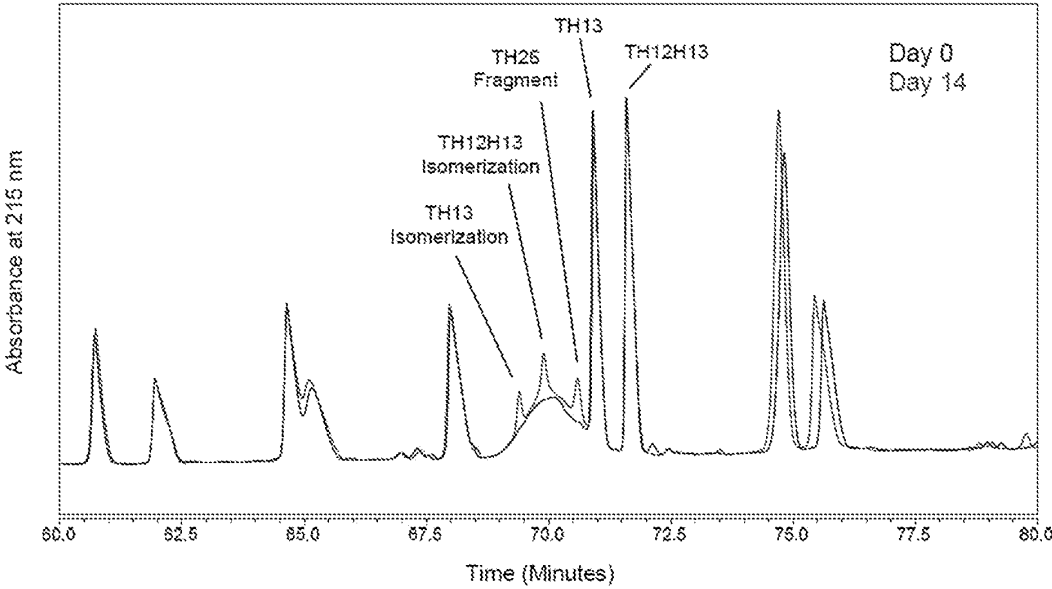


FIG. 6

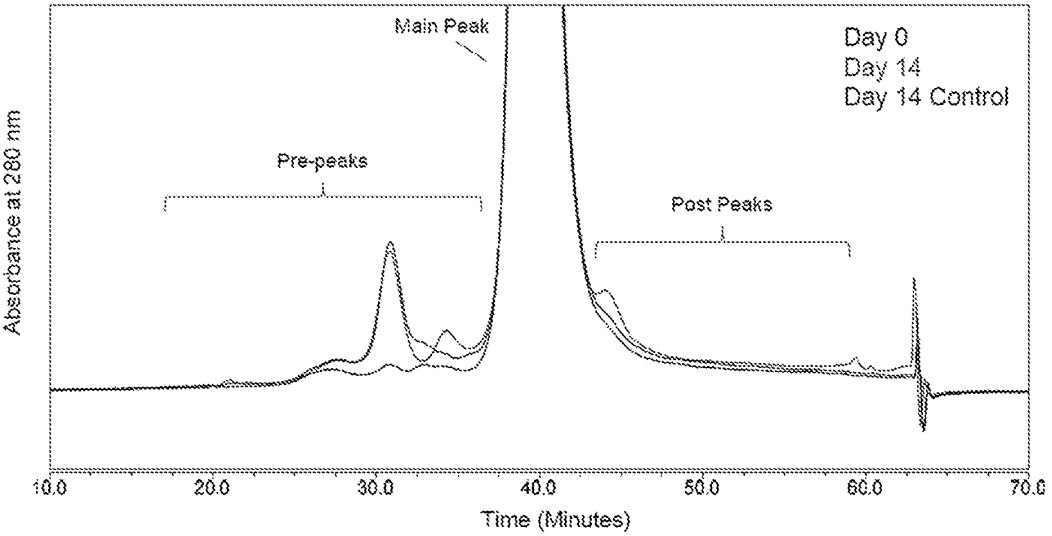


FIG. 7

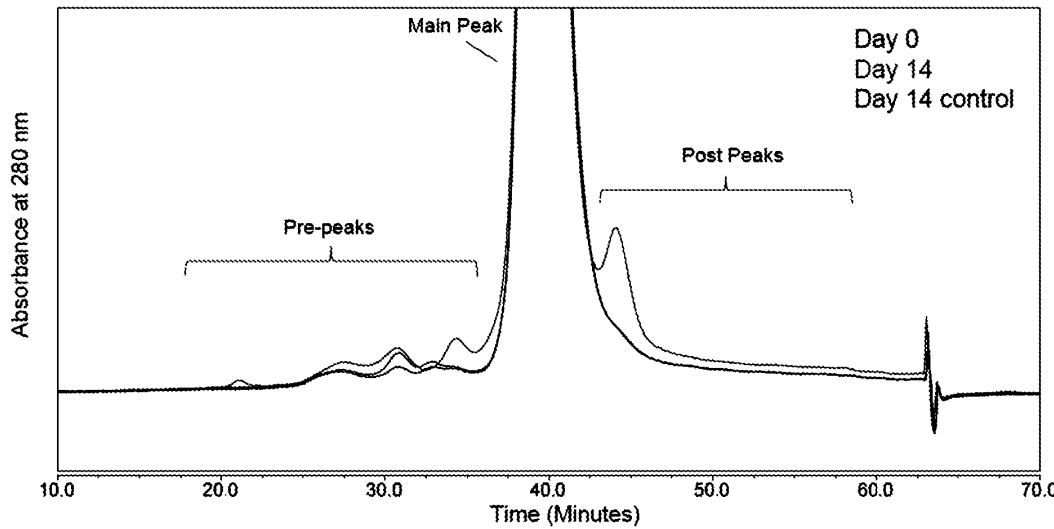


FIG. 8

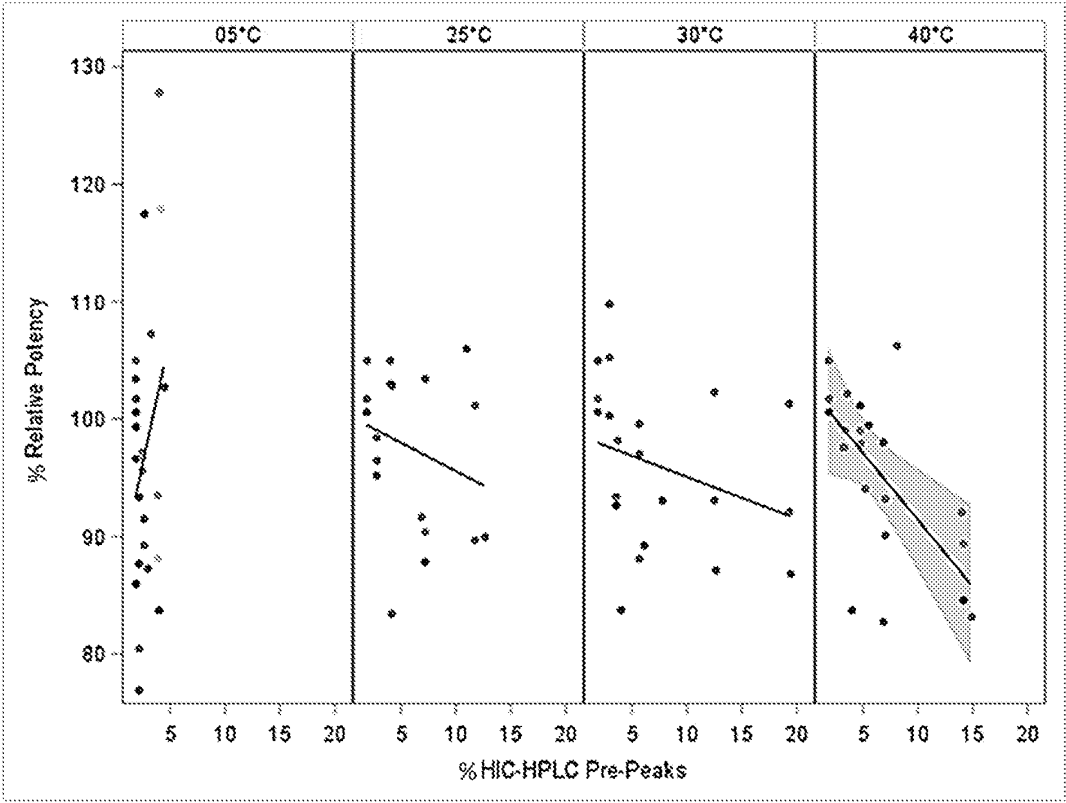


FIG. 9

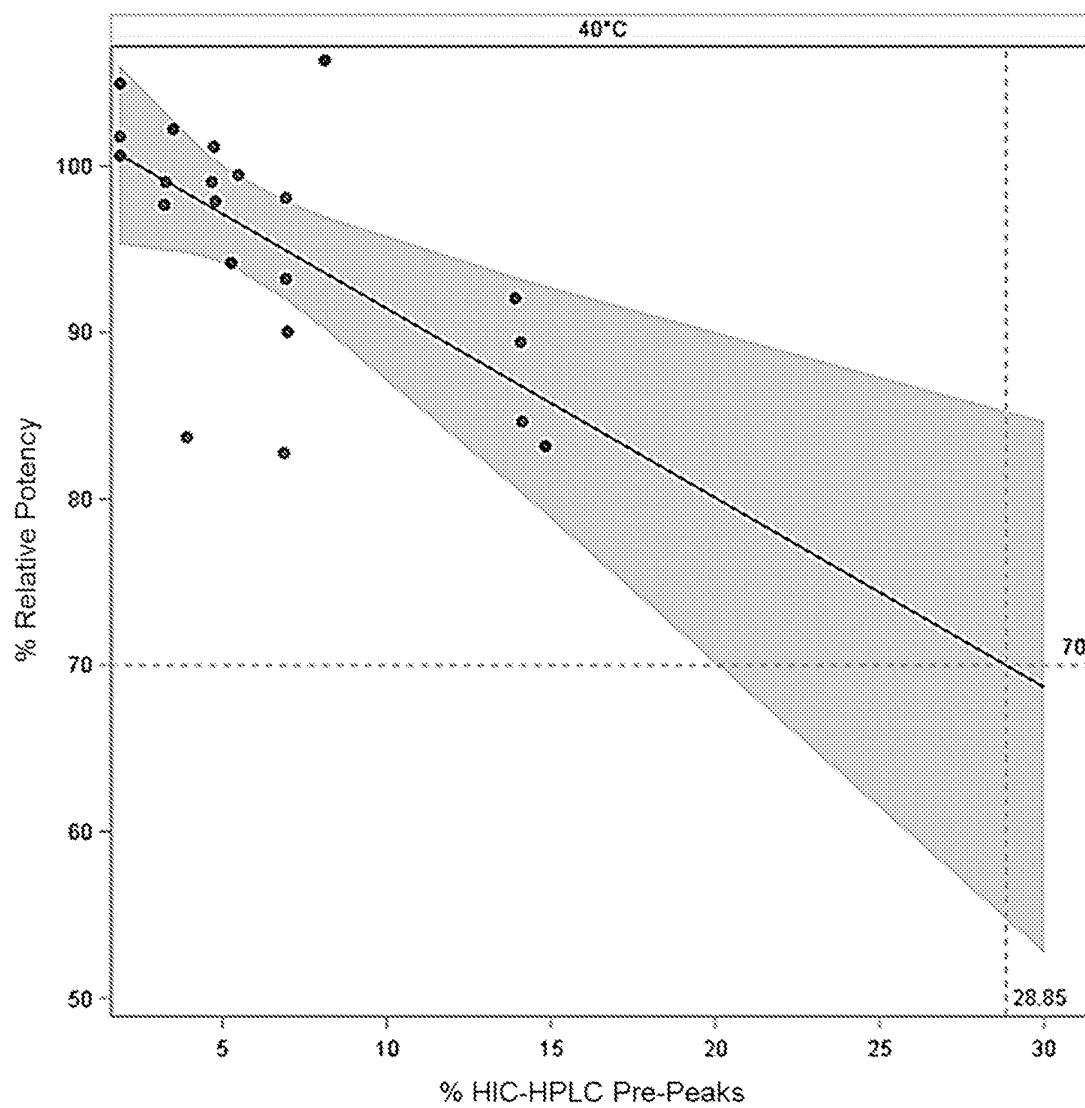


FIG. 10

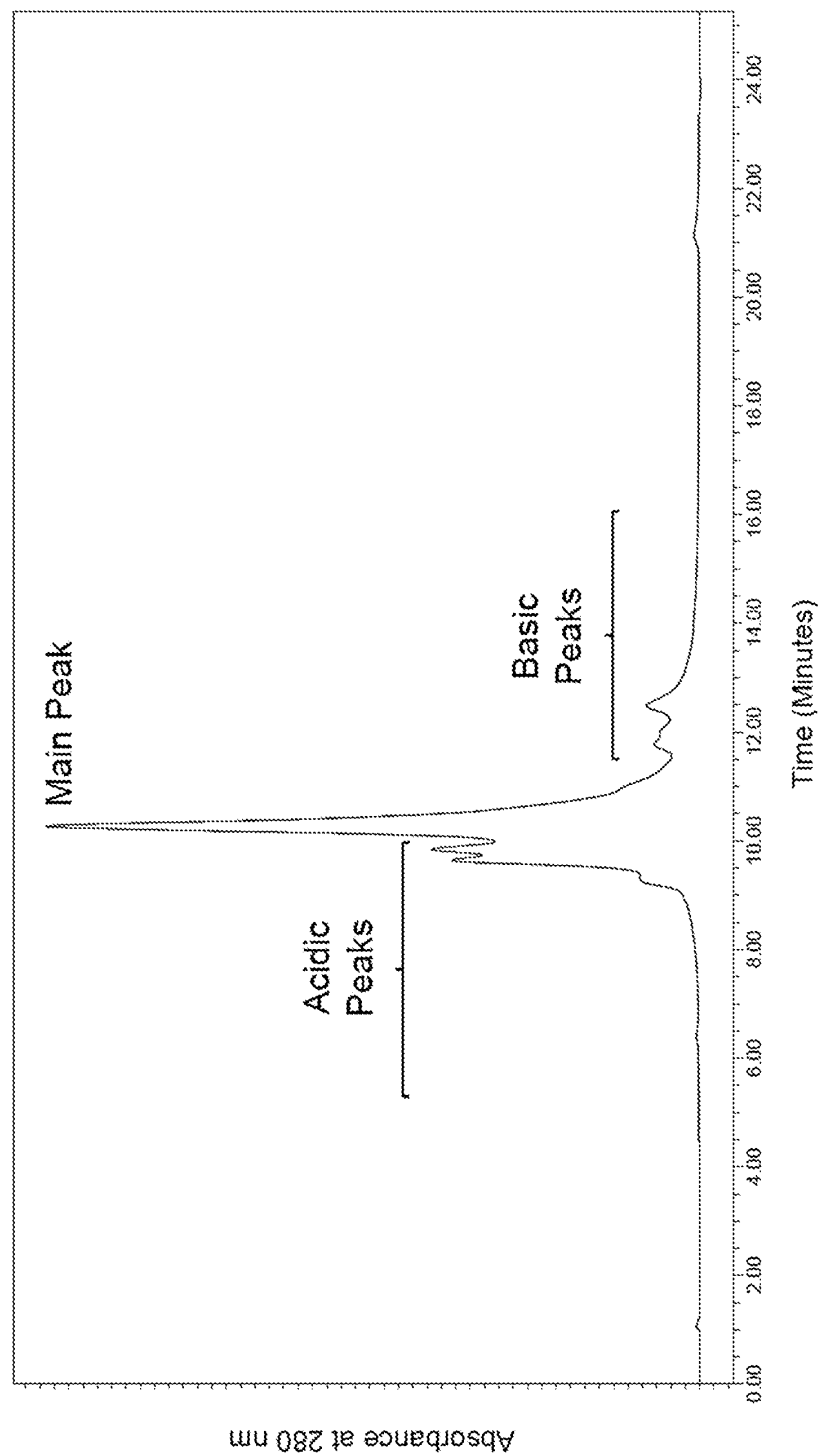


FIG. 11

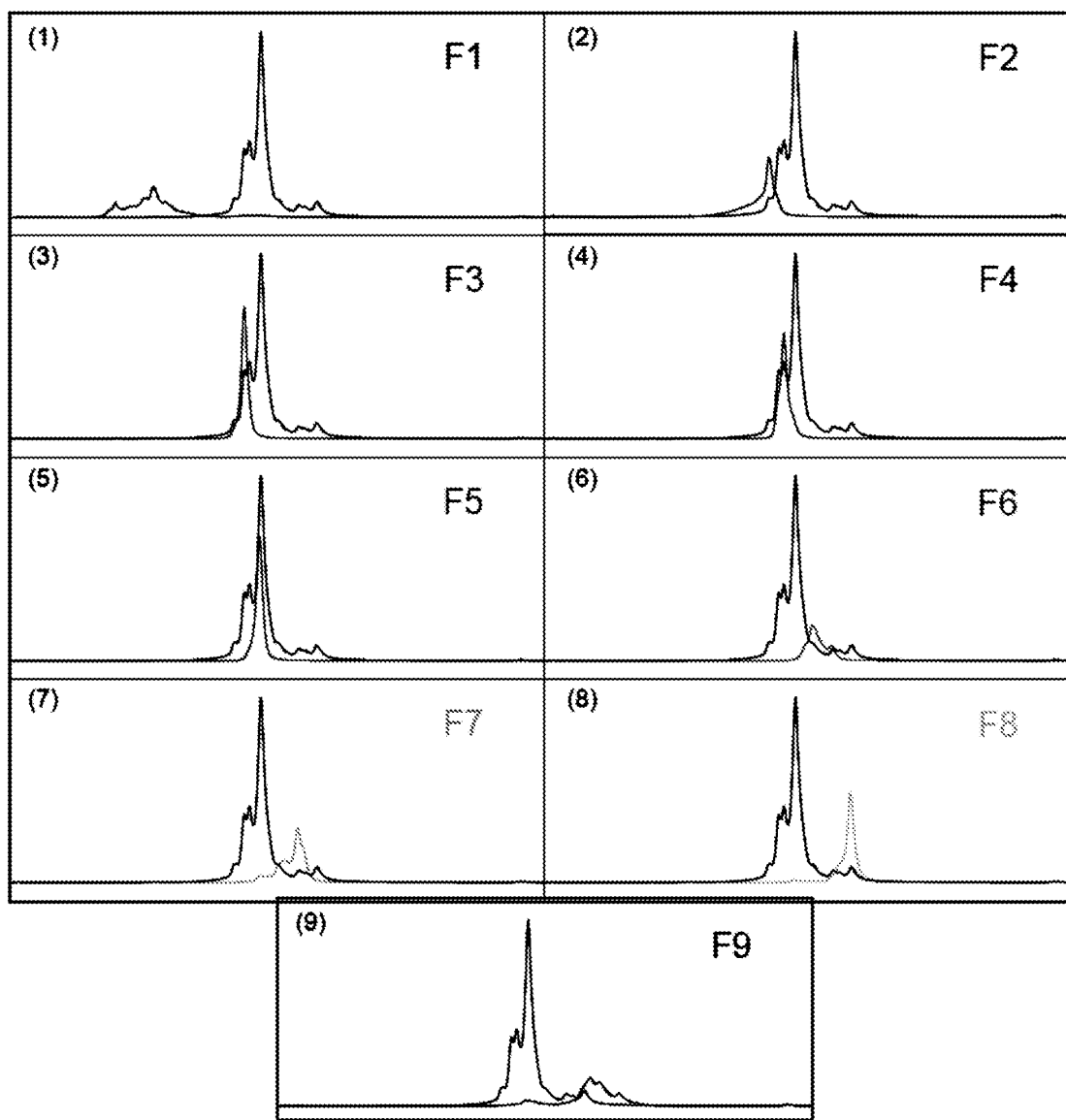


FIG. 12

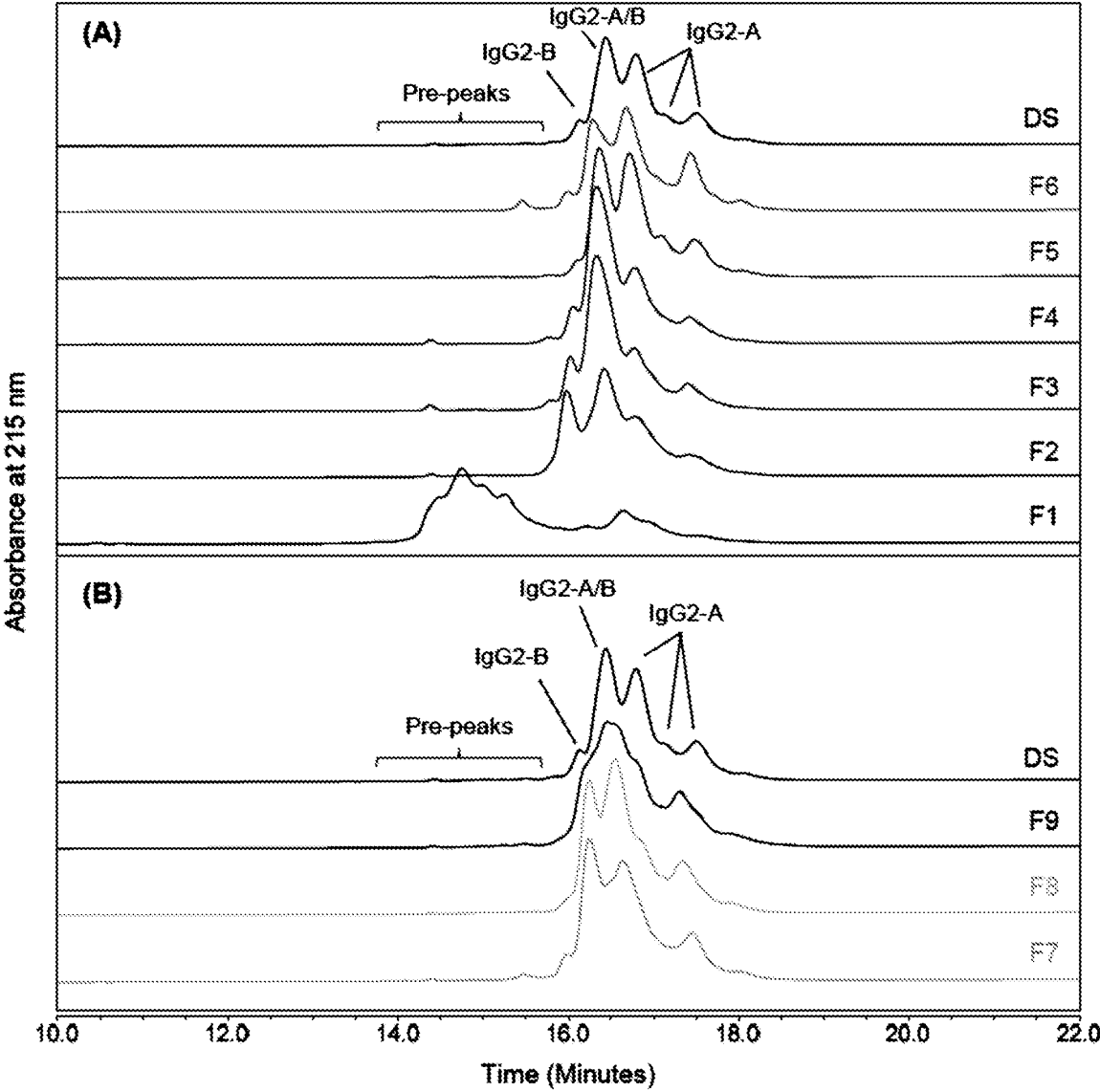


FIG. 13

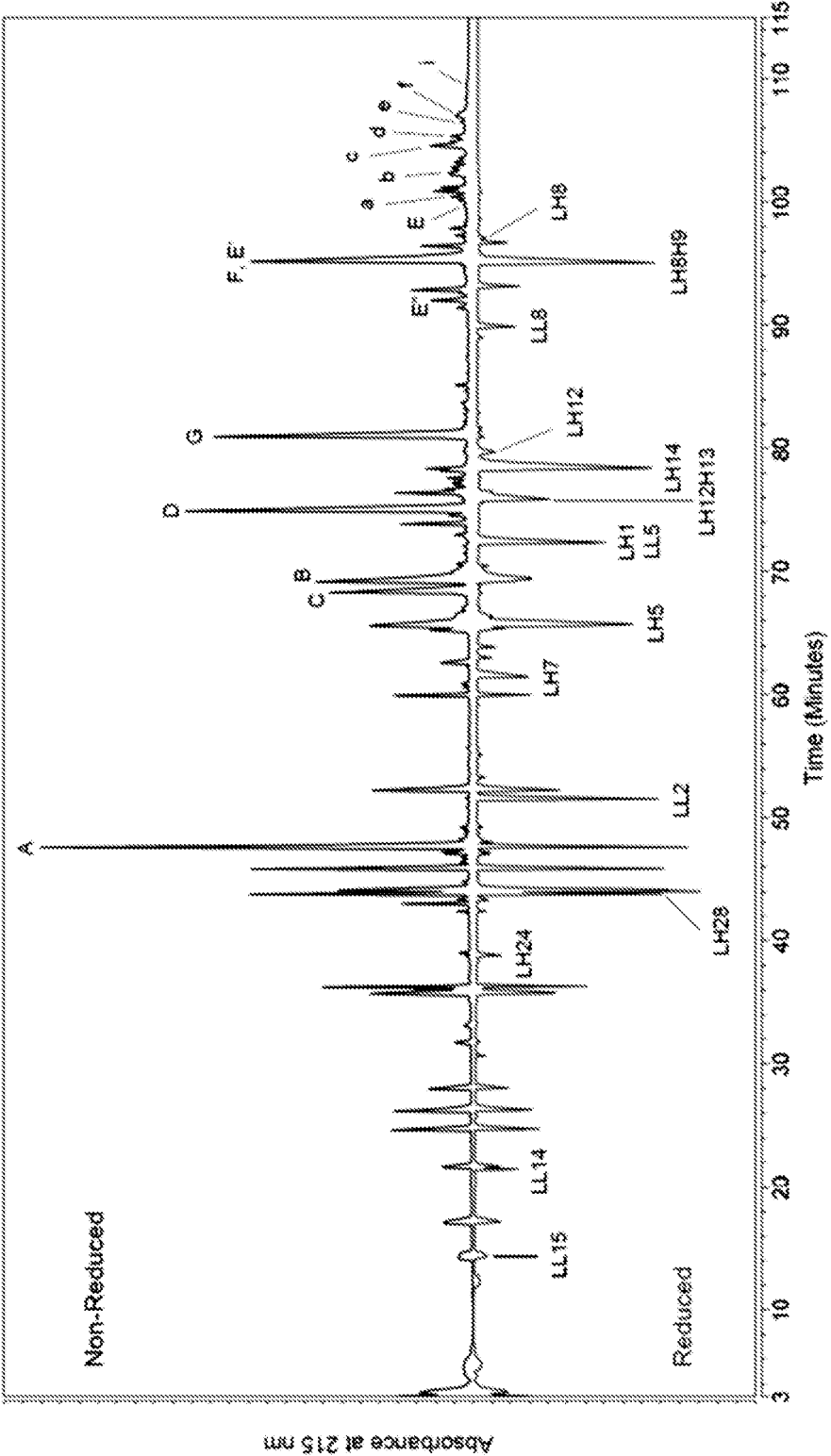


FIG. 14

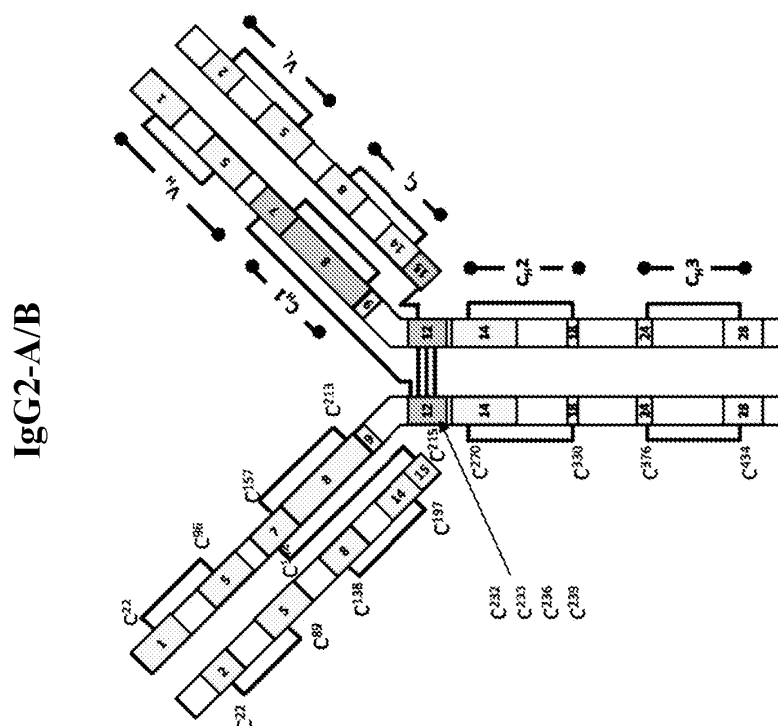


**FIG. 15B**

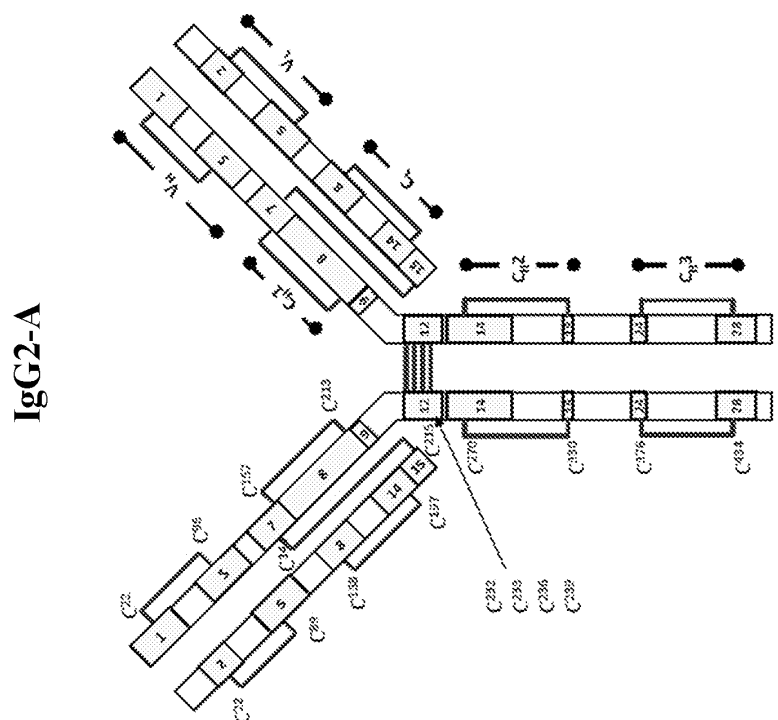
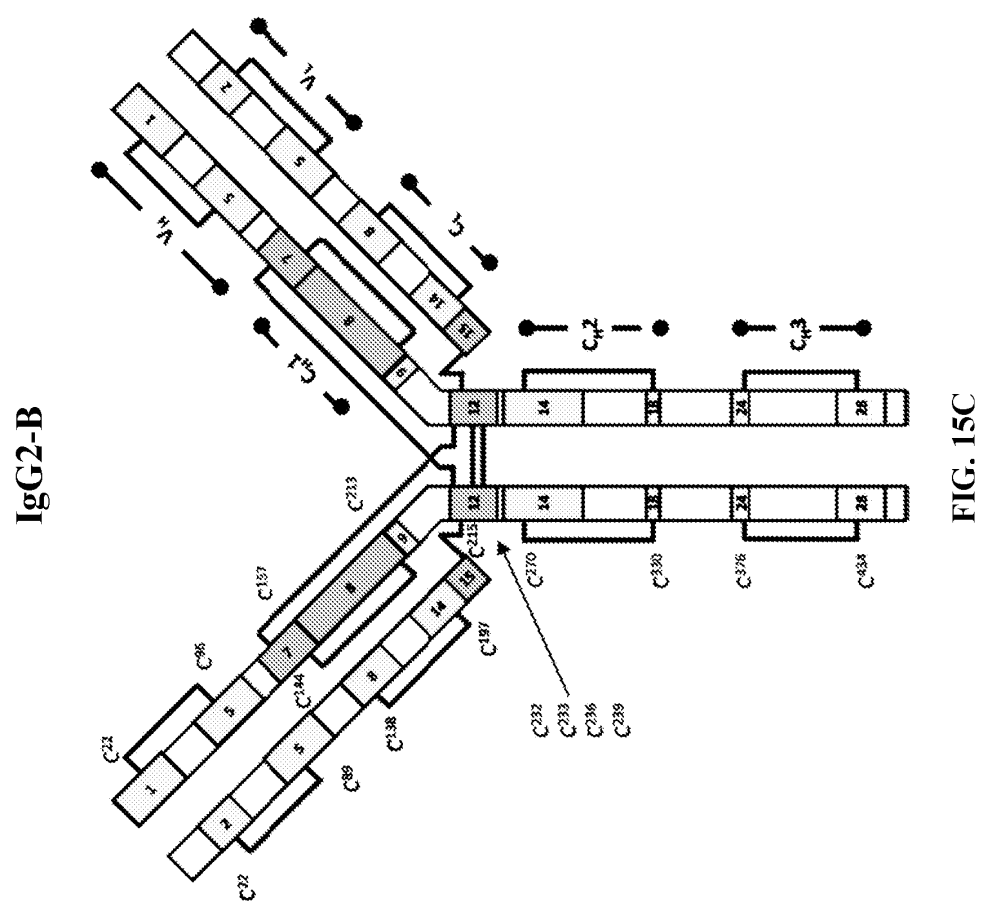


**FIG. 15A**



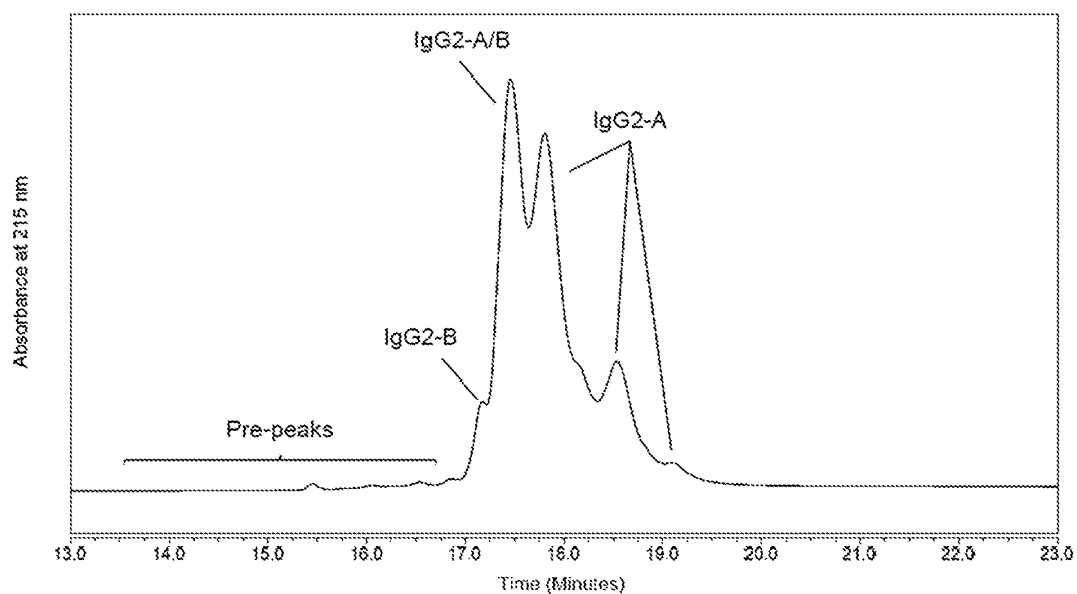


FIG. 16A

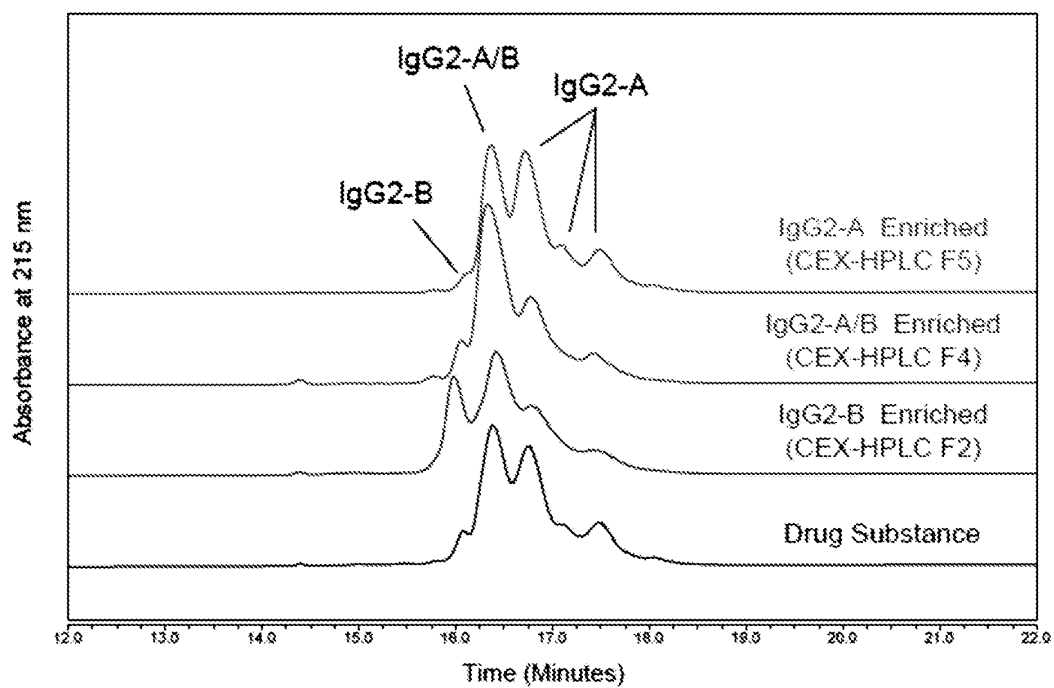


FIG. 16B

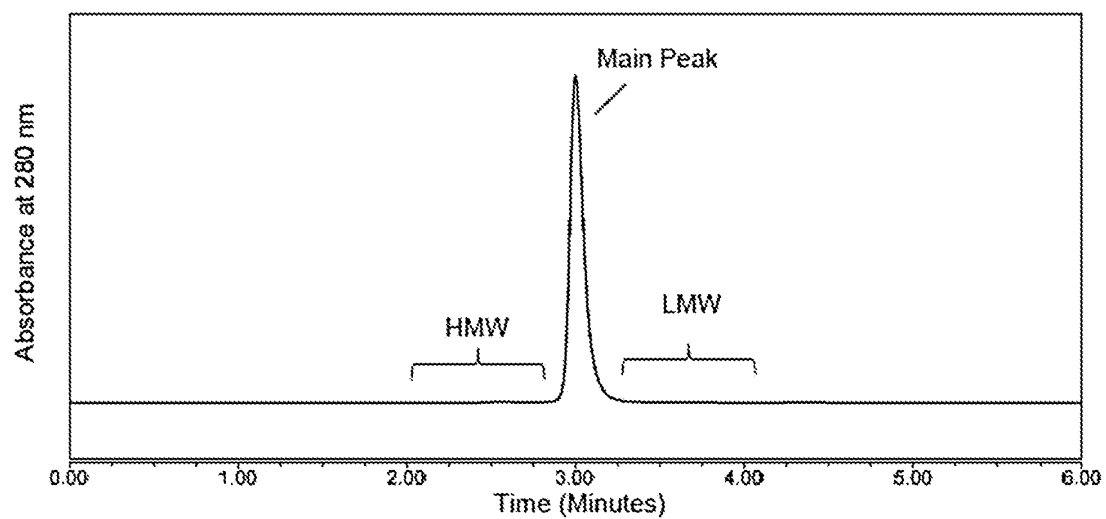


FIG. 17A

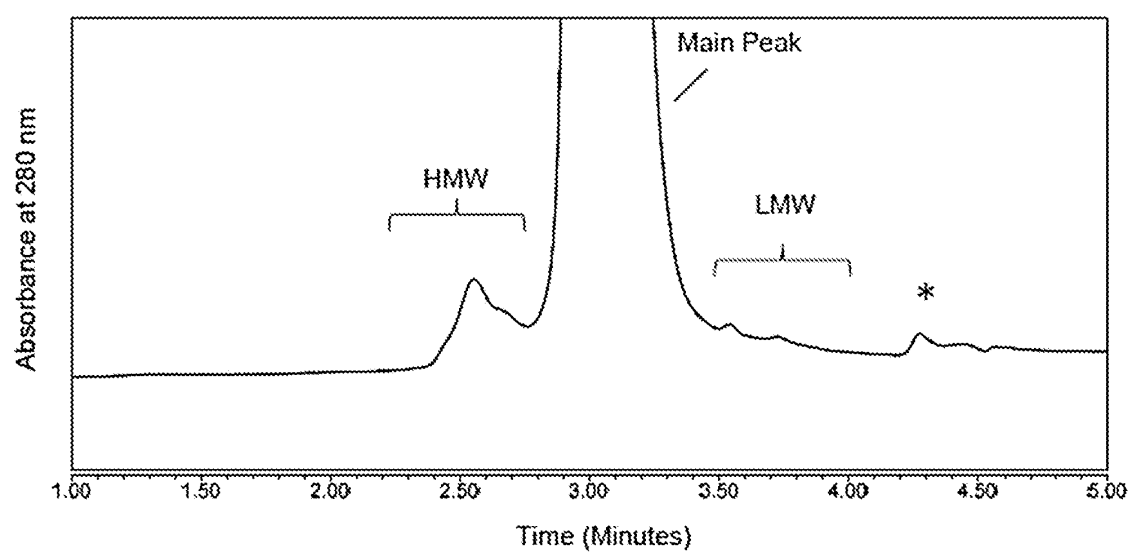


FIG. 17B

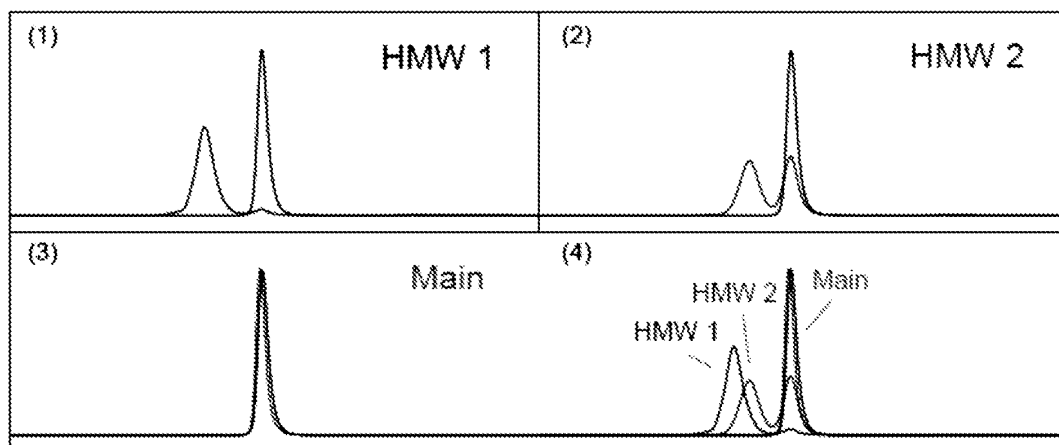


FIG. 18

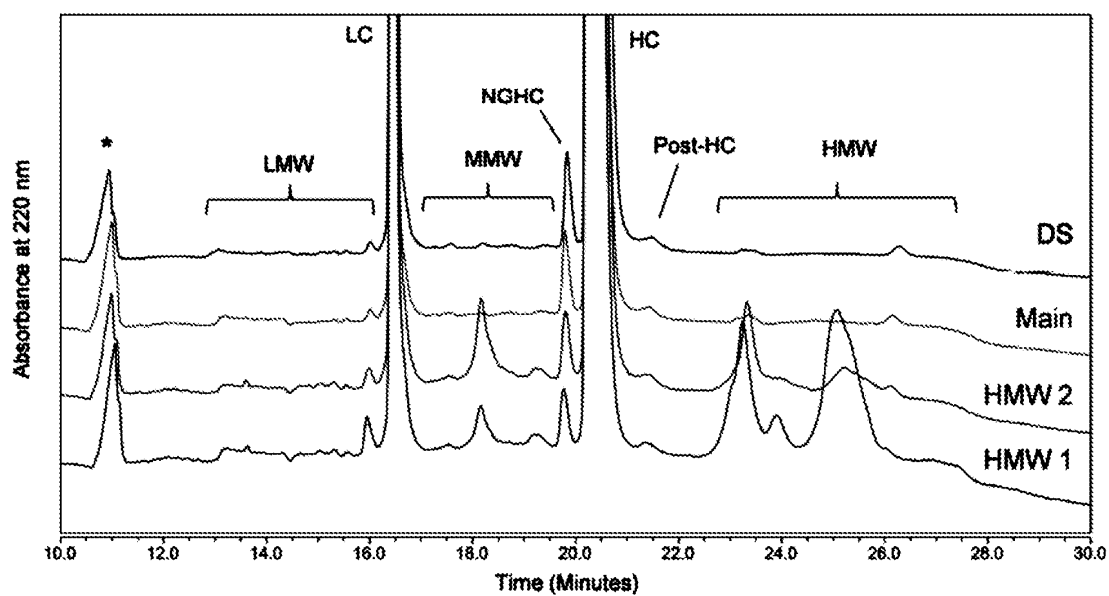
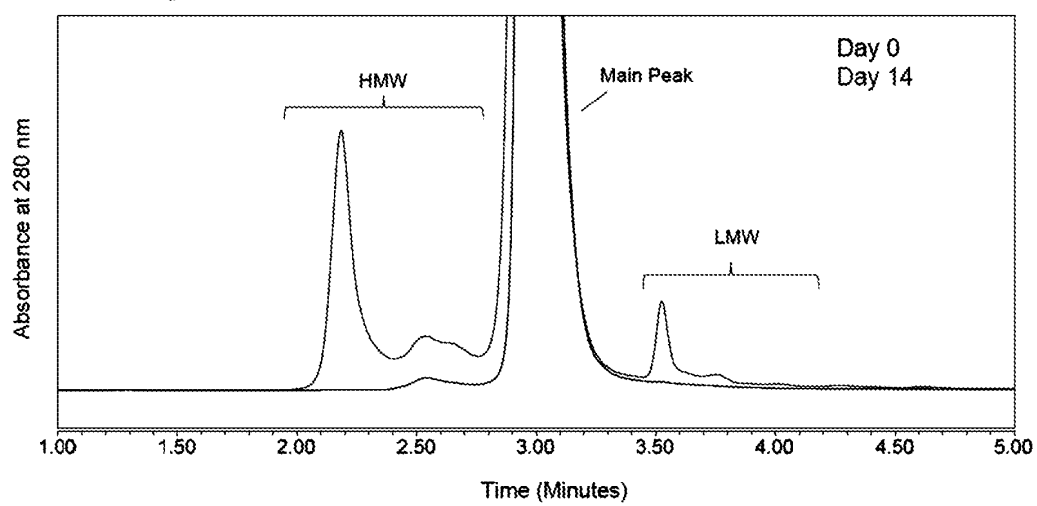


FIG. 19

**FIG. 20**