

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 QSNNKYAASS 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 PGKGLEWVAV
51 ISFDGSIKYS VDSVKGRFTI SRDNSKNTLF LQMNSLRAED TAVYYCARDDR
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

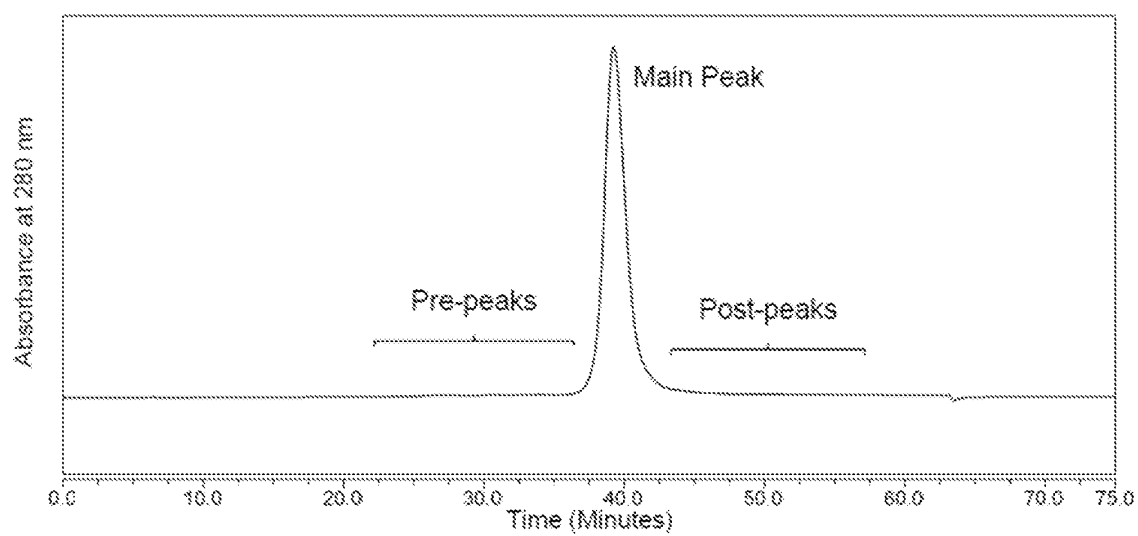


FIG. 2A

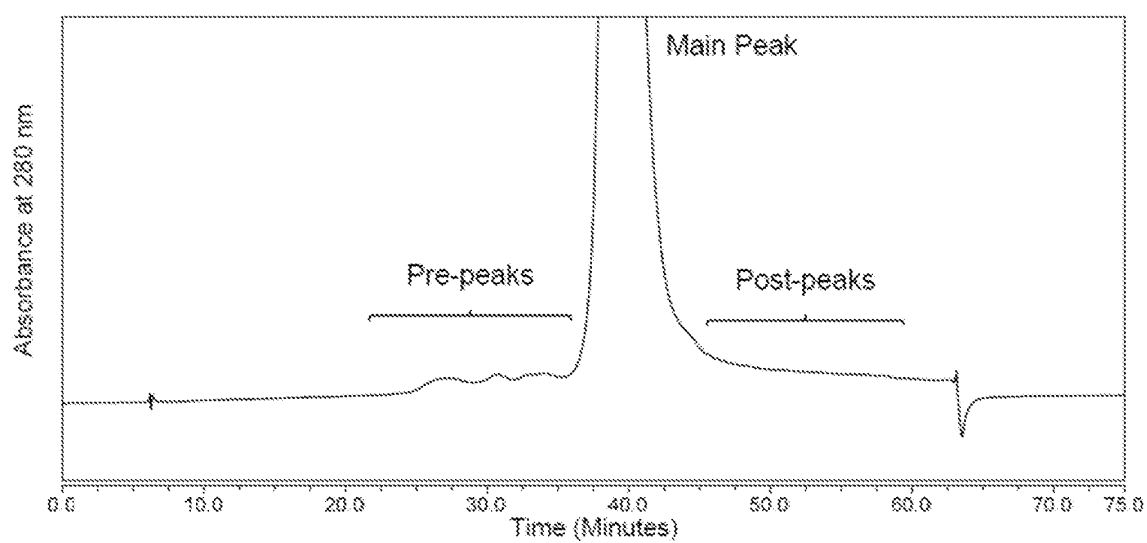


FIG. 2B

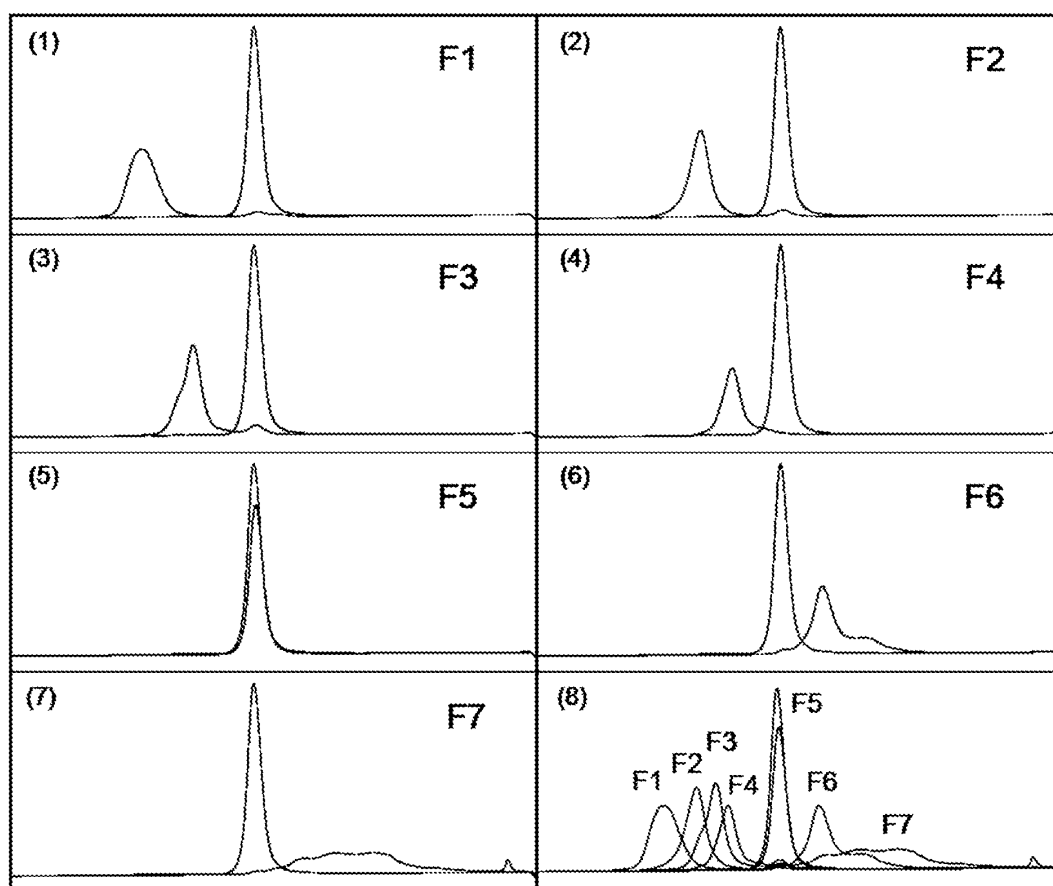


FIG. 3

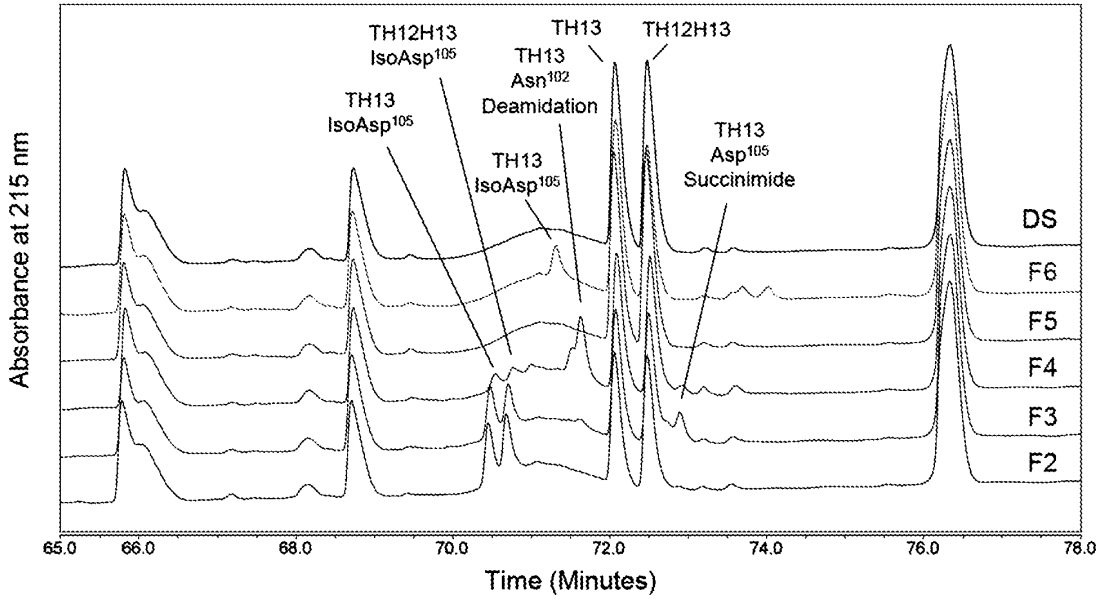


FIG. 4

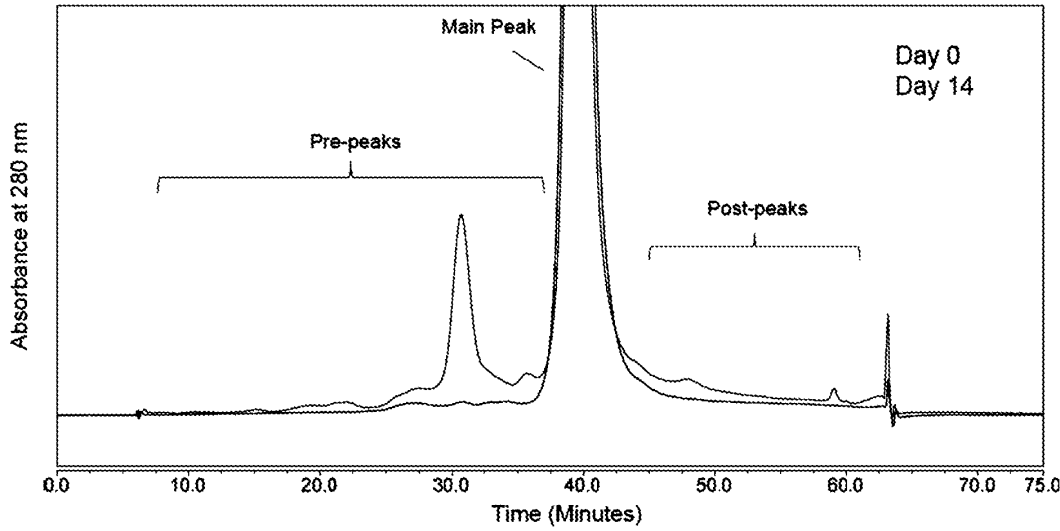


FIG. 5

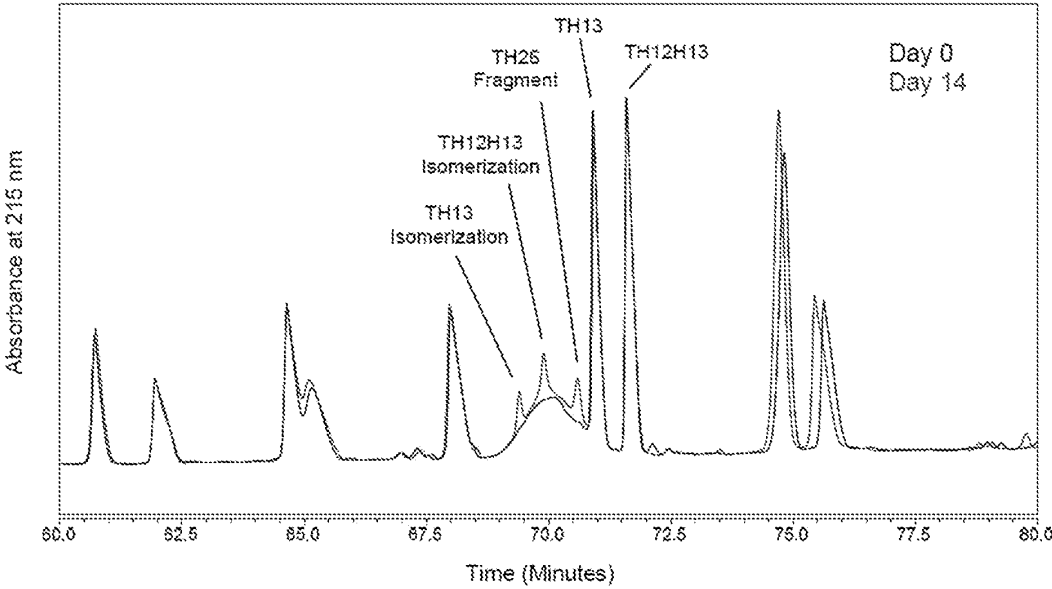


FIG. 6

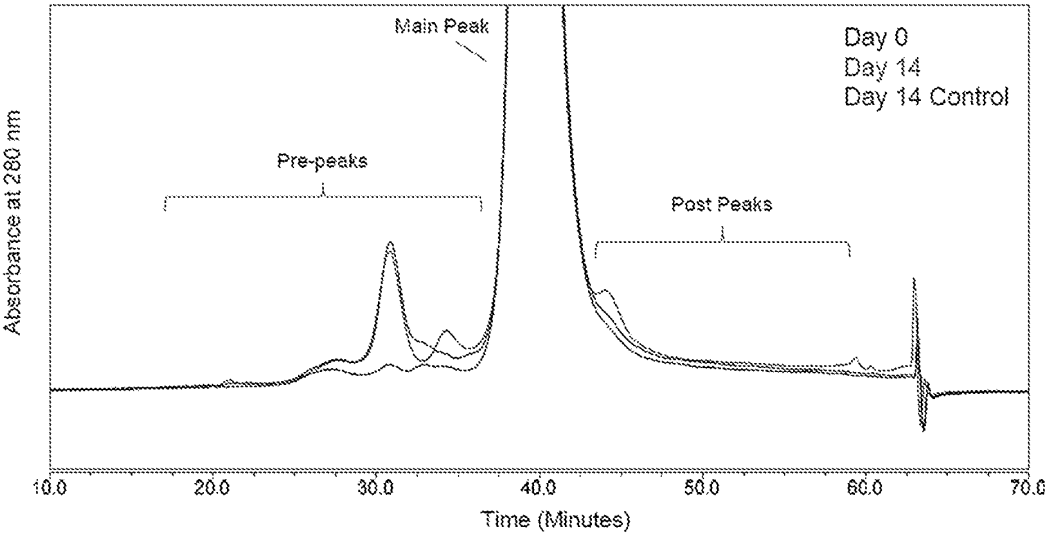


FIG. 7

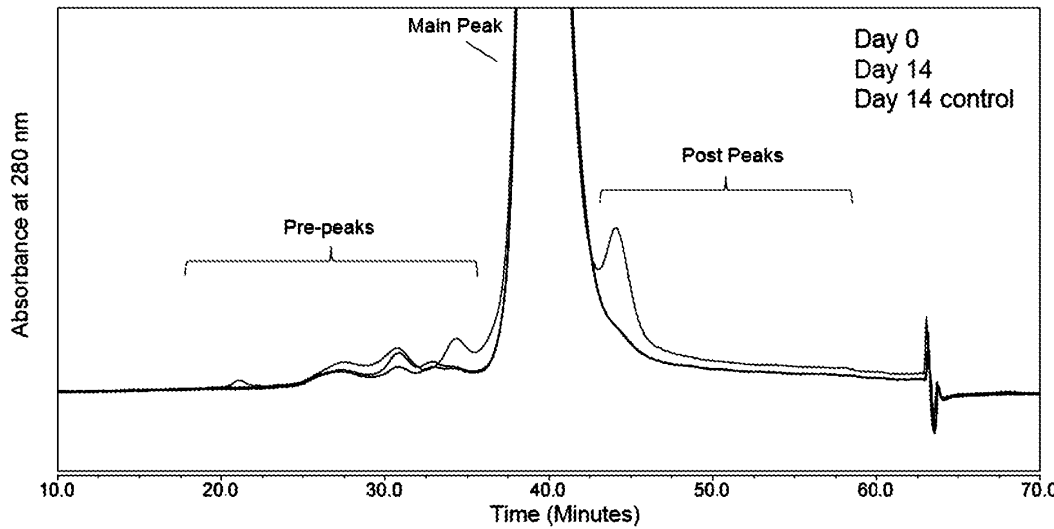


FIG. 8

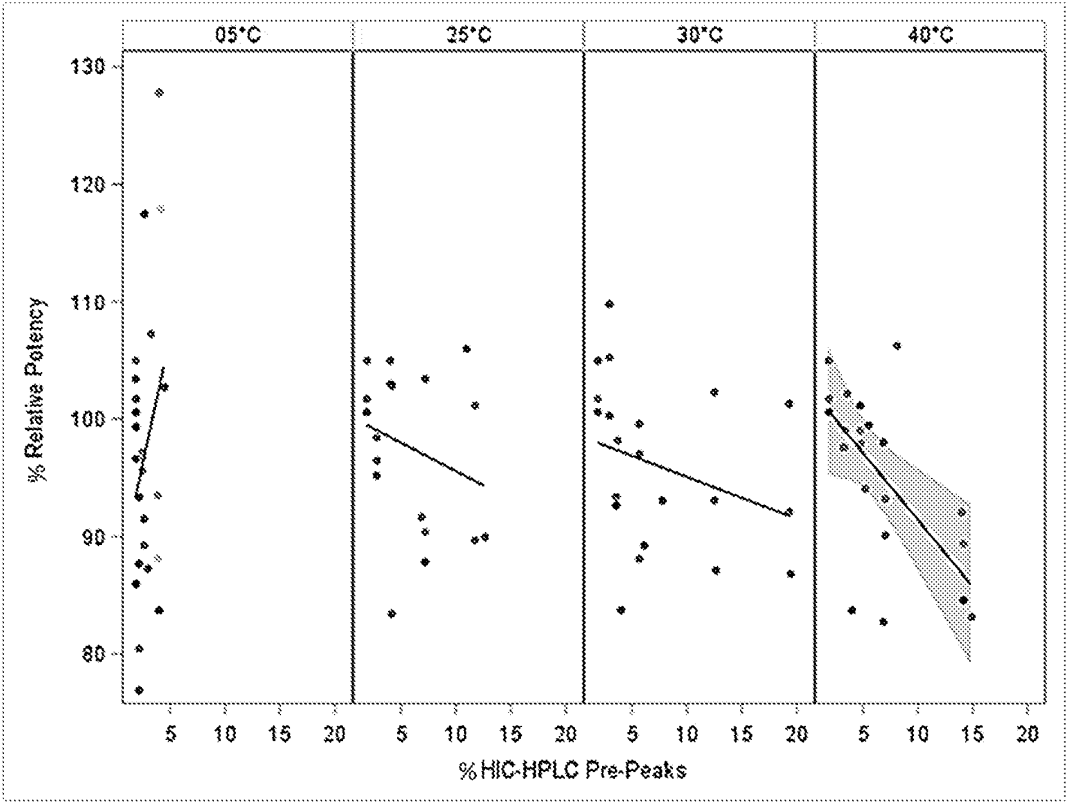


FIG. 9

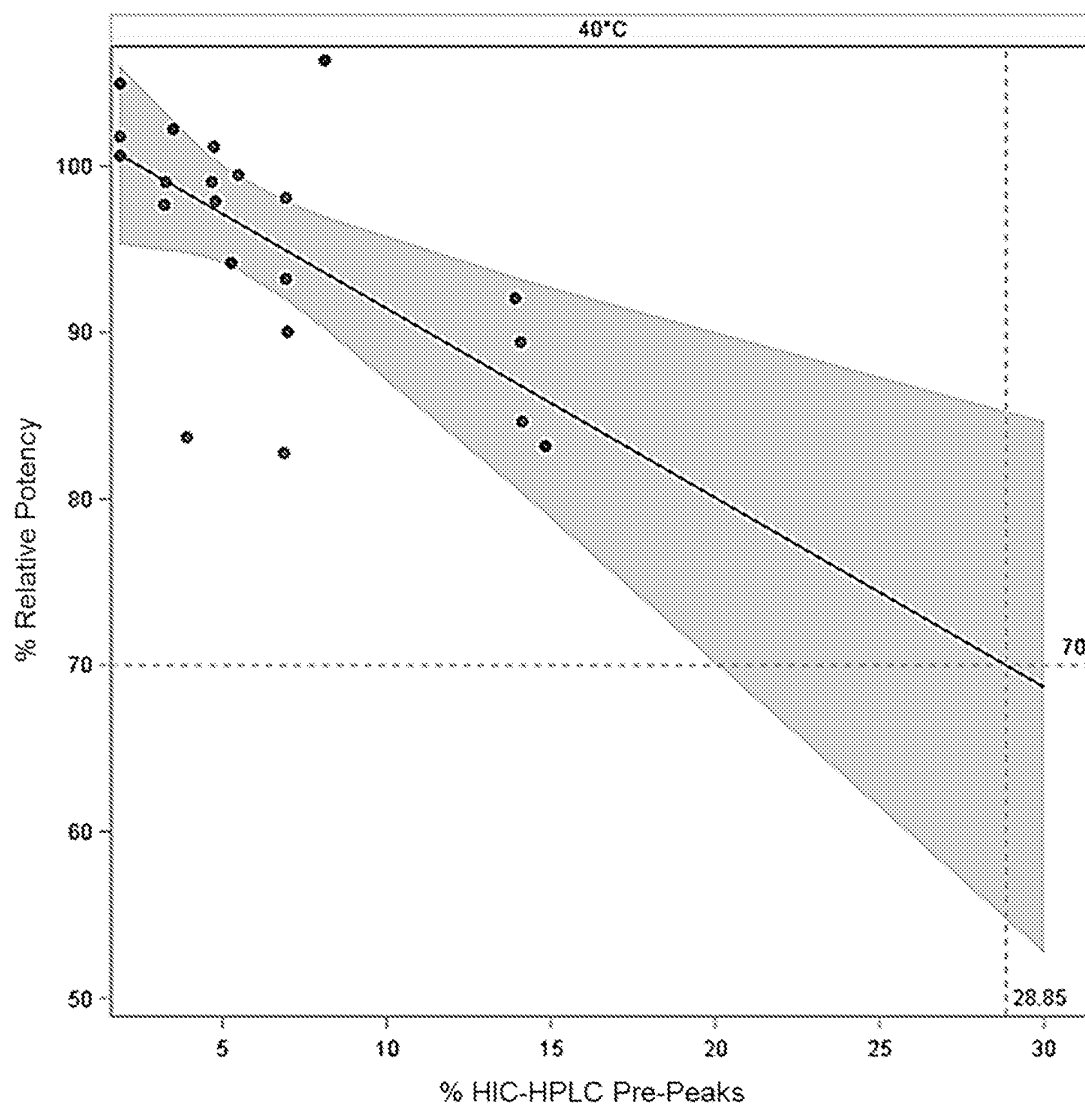


FIG. 10

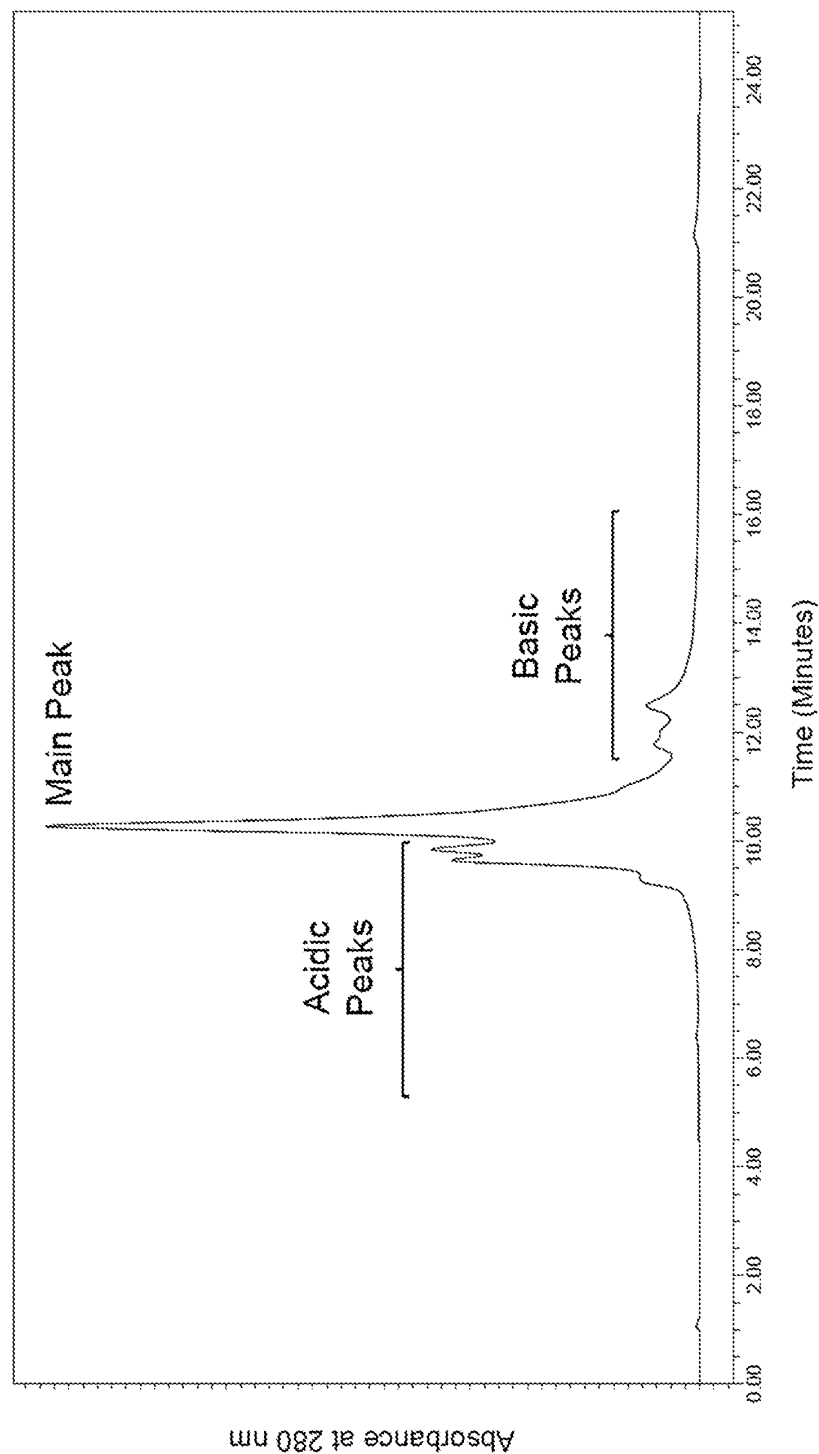


FIG. 11

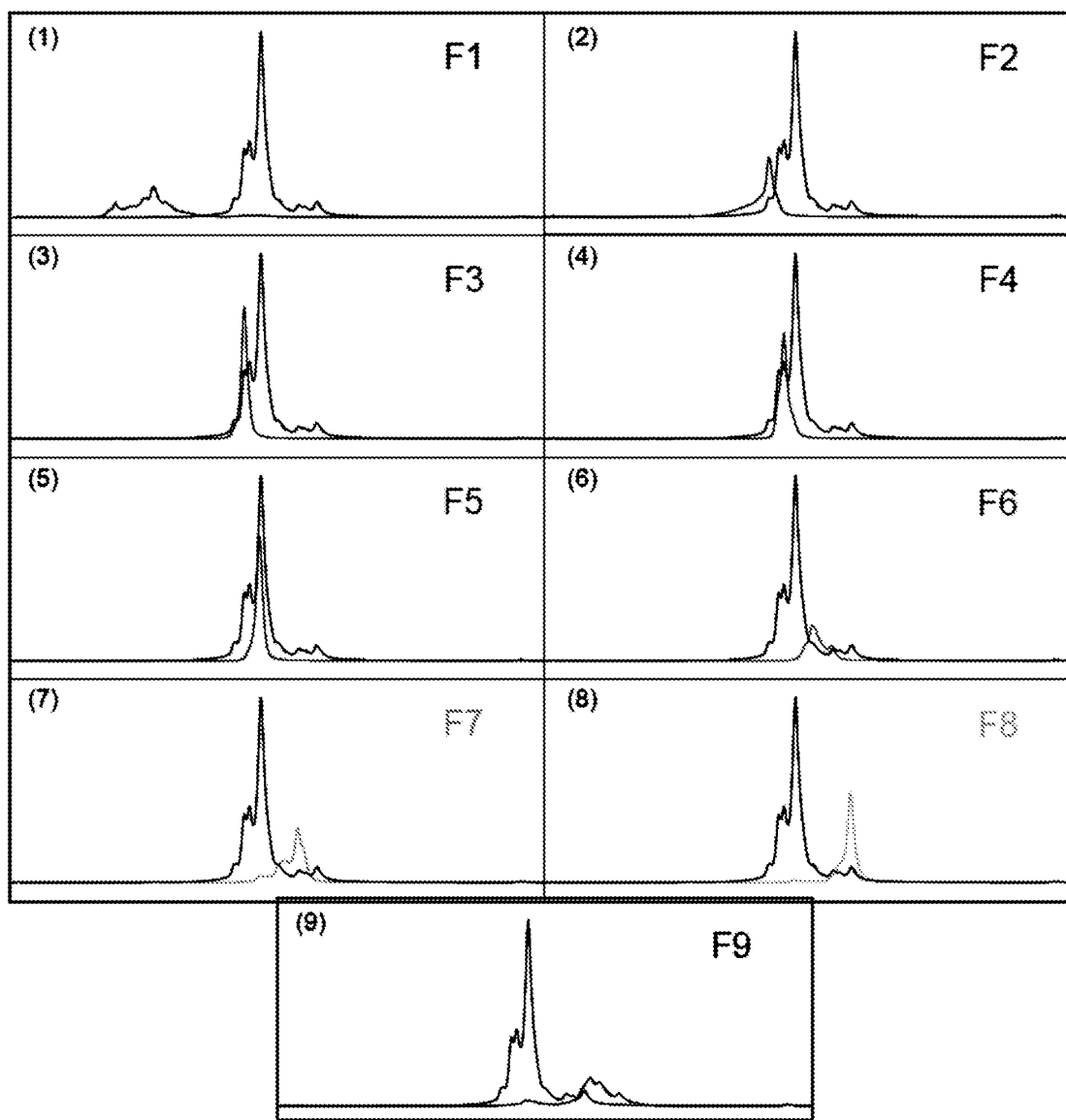


FIG. 12

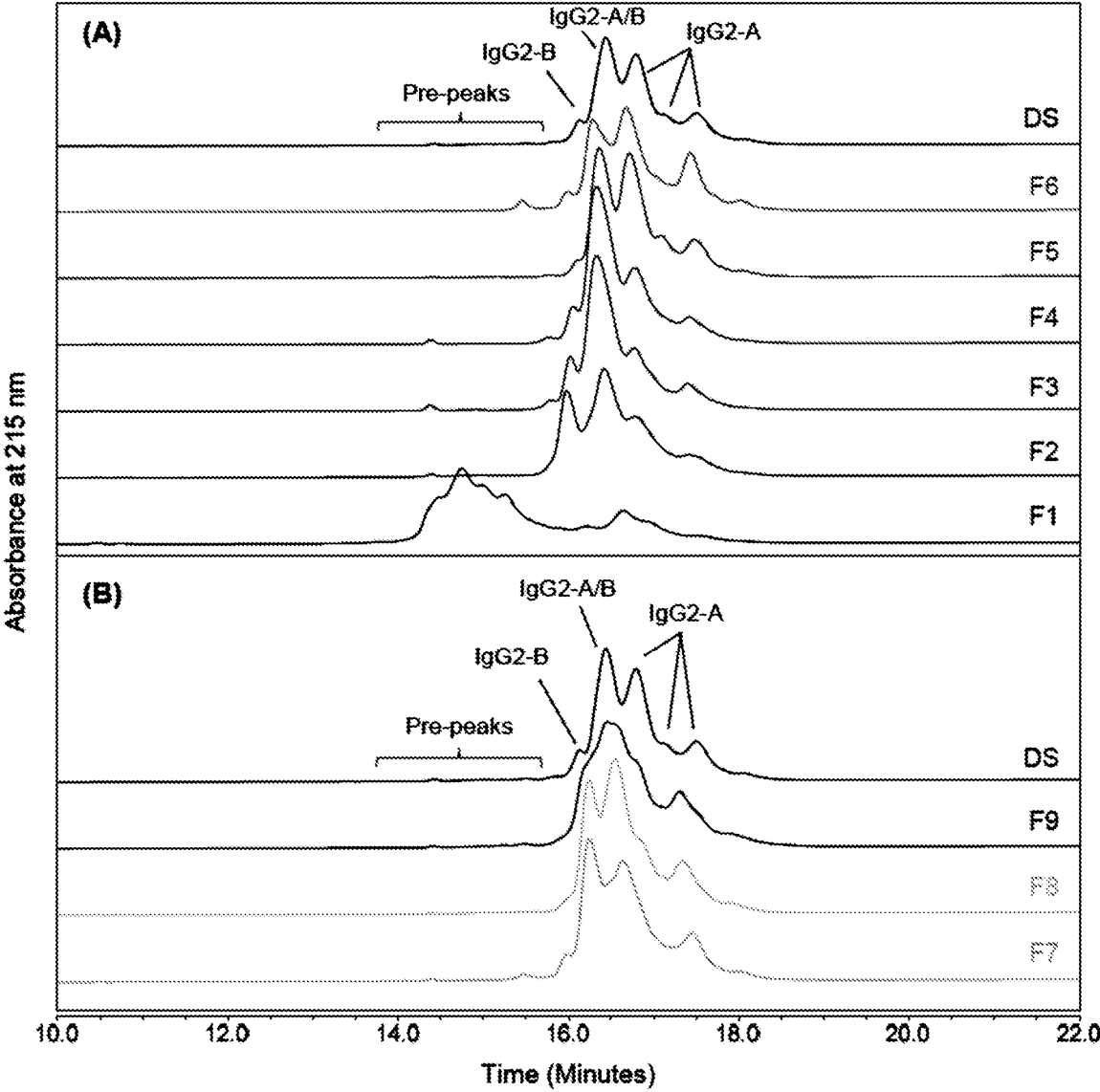


FIG. 13

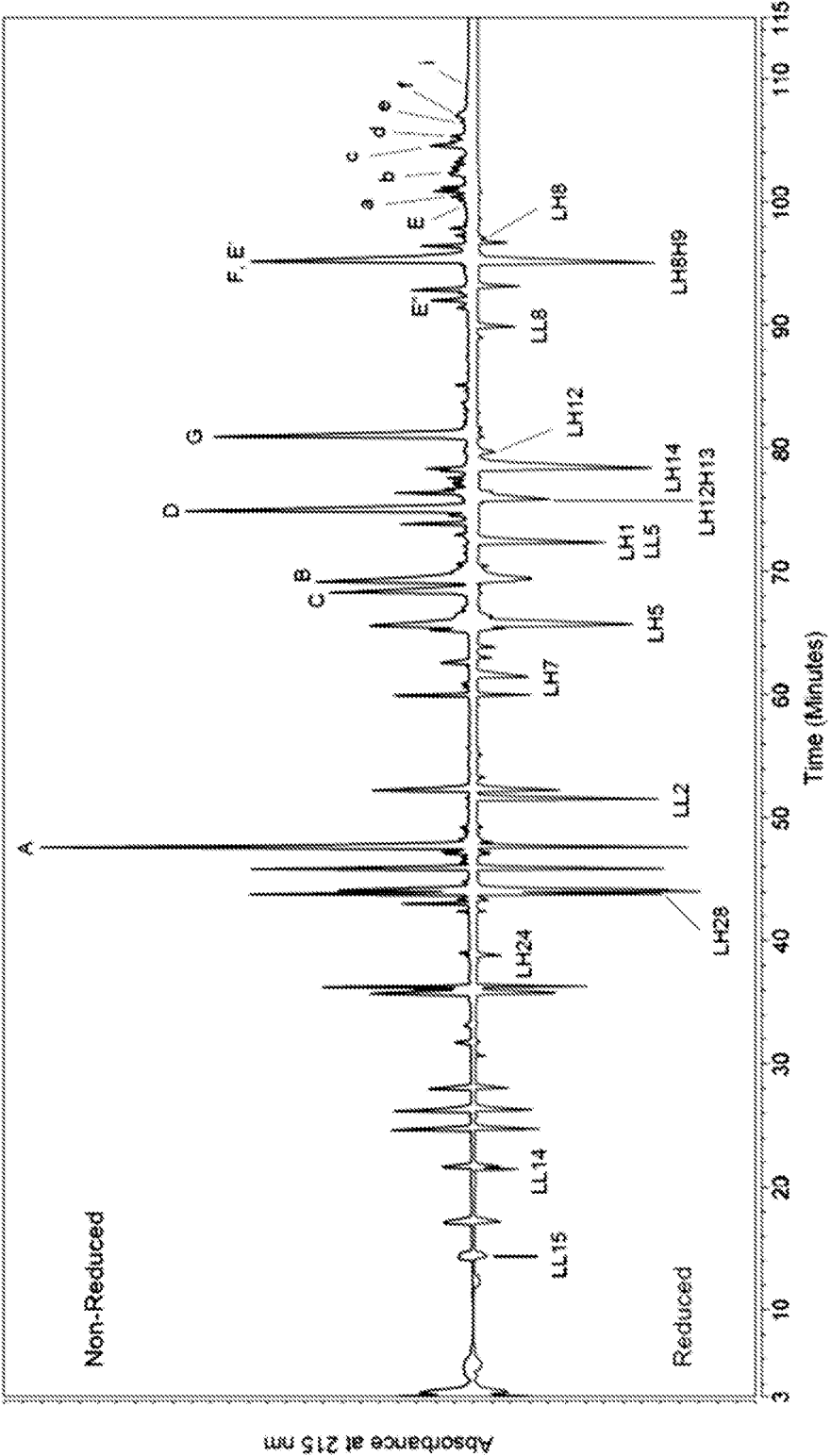


FIG. 14

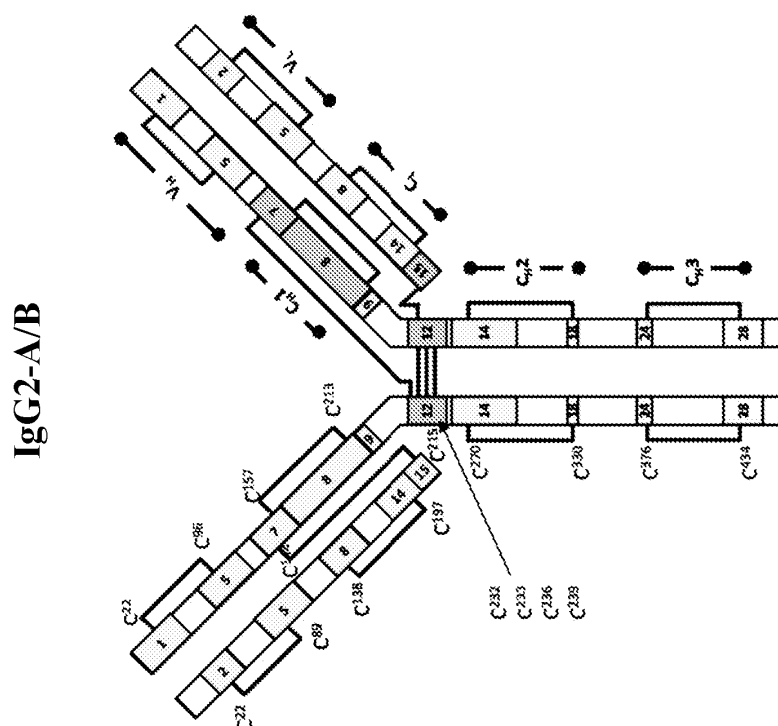


FIG. 15B

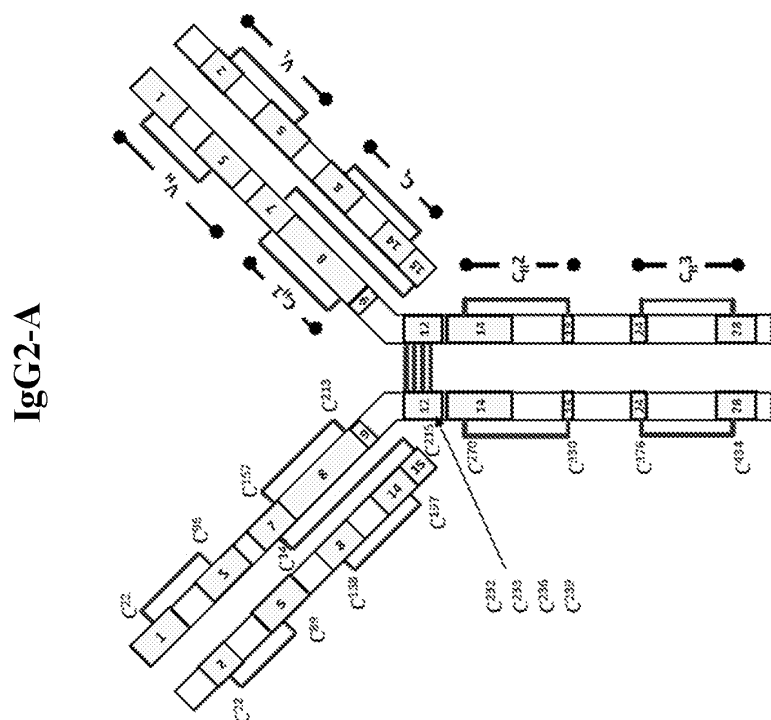
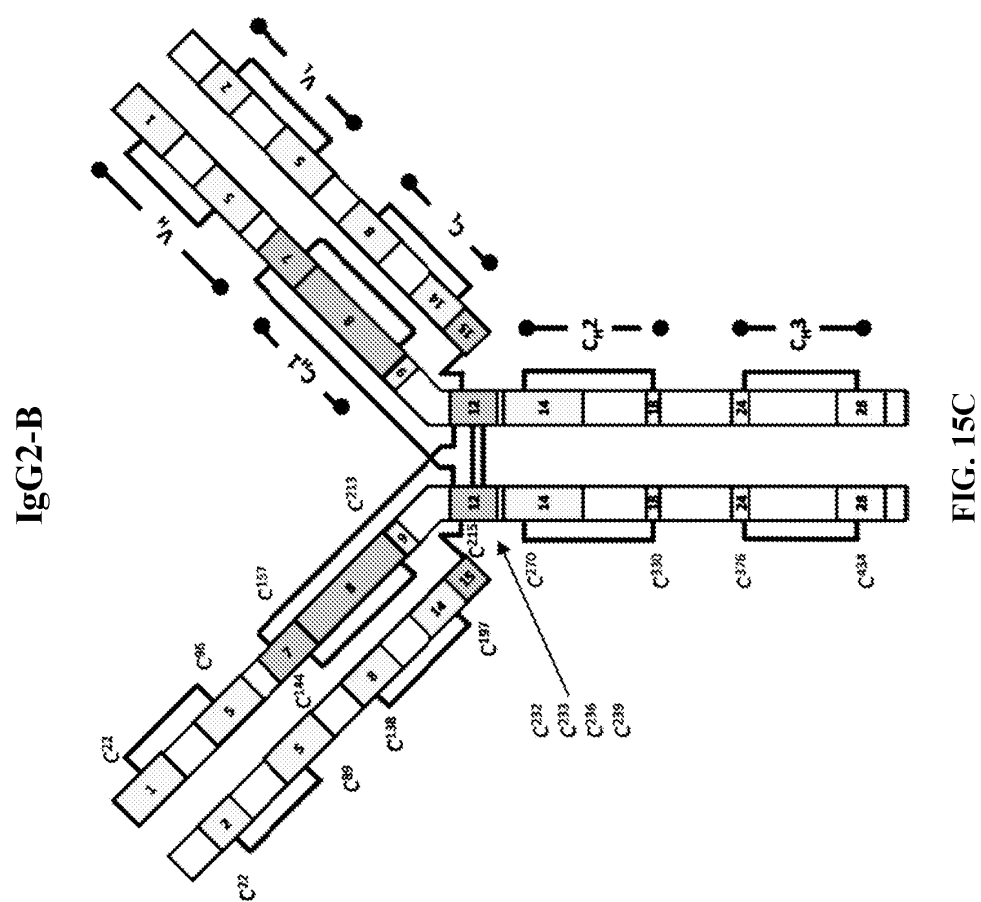


FIG. 15A



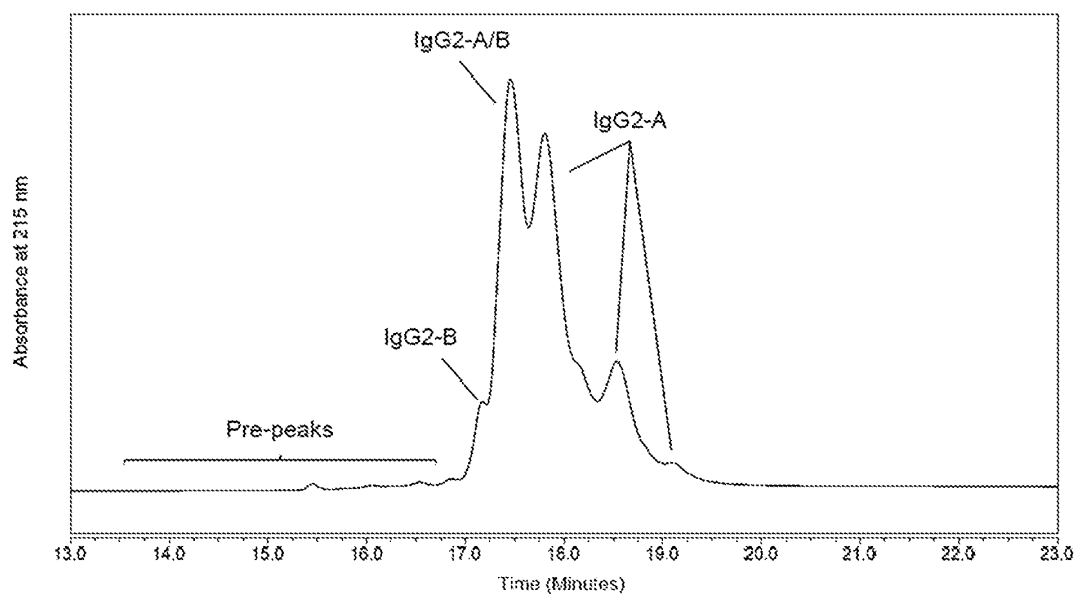


FIG. 16A

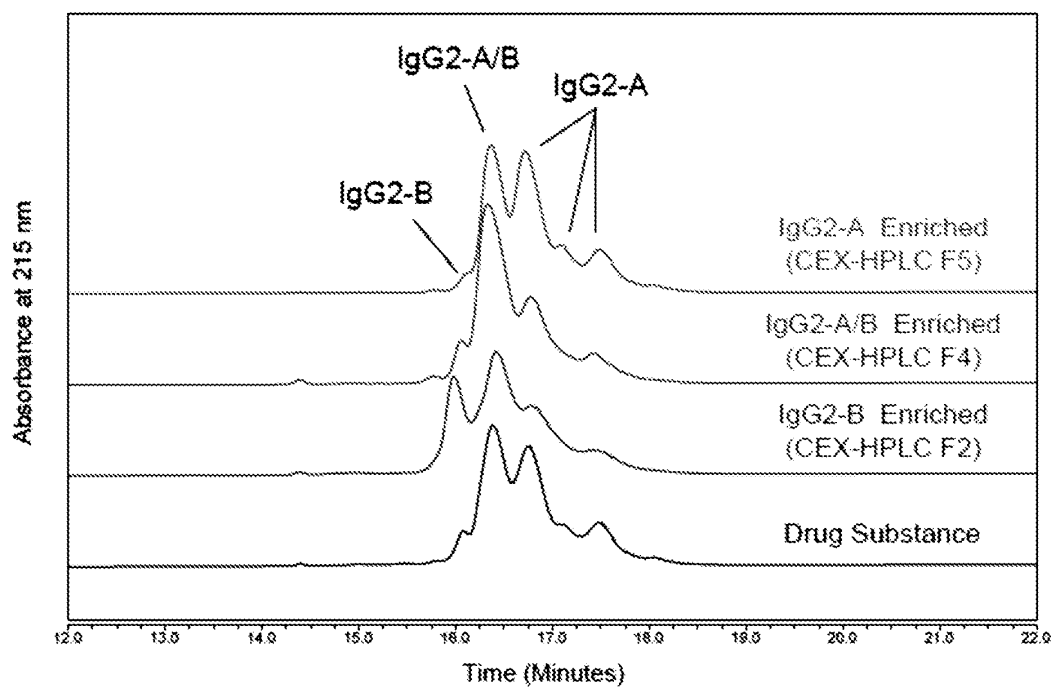


FIG. 16B

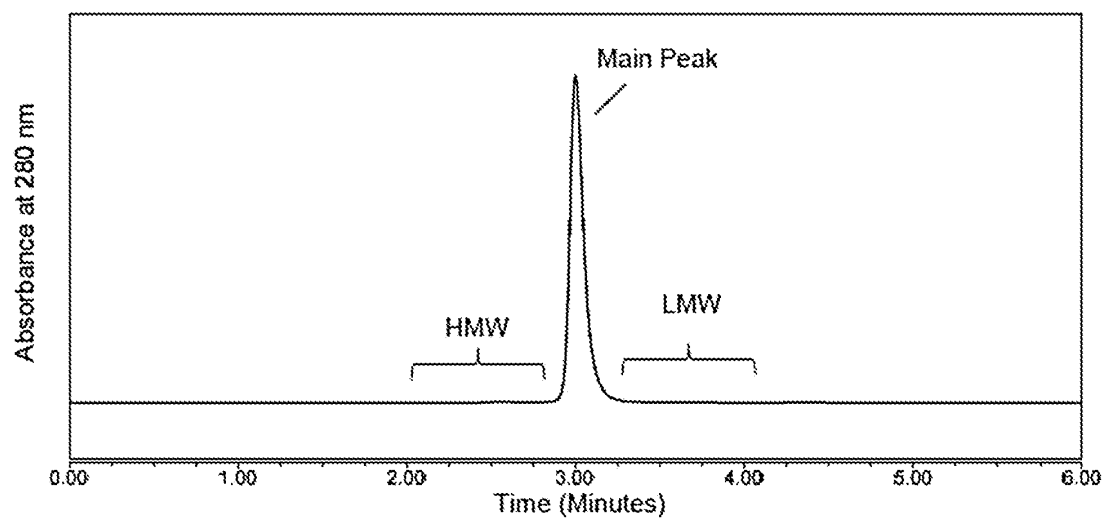


FIG. 17A

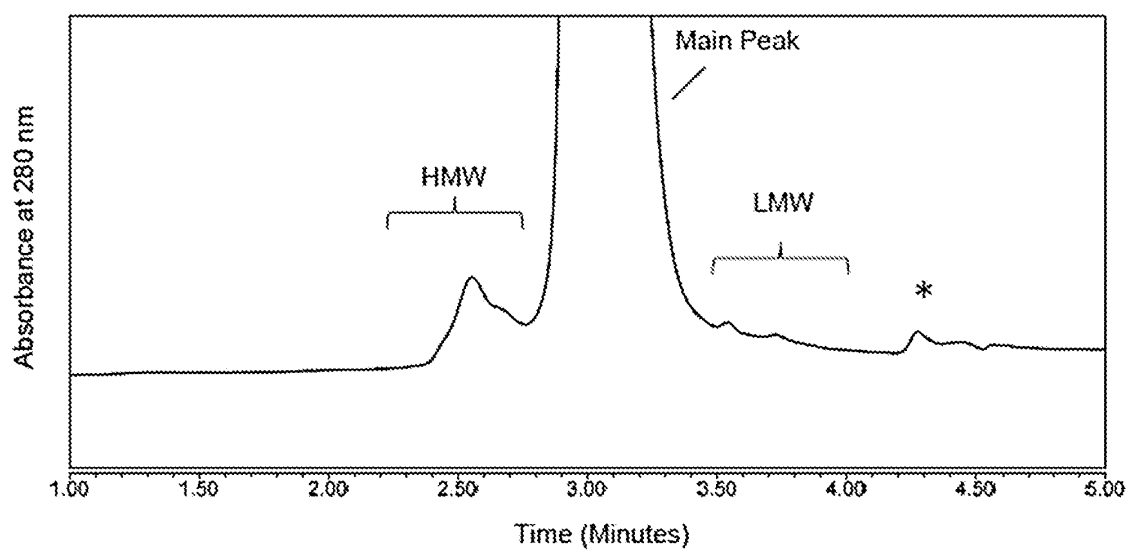


FIG. 17B

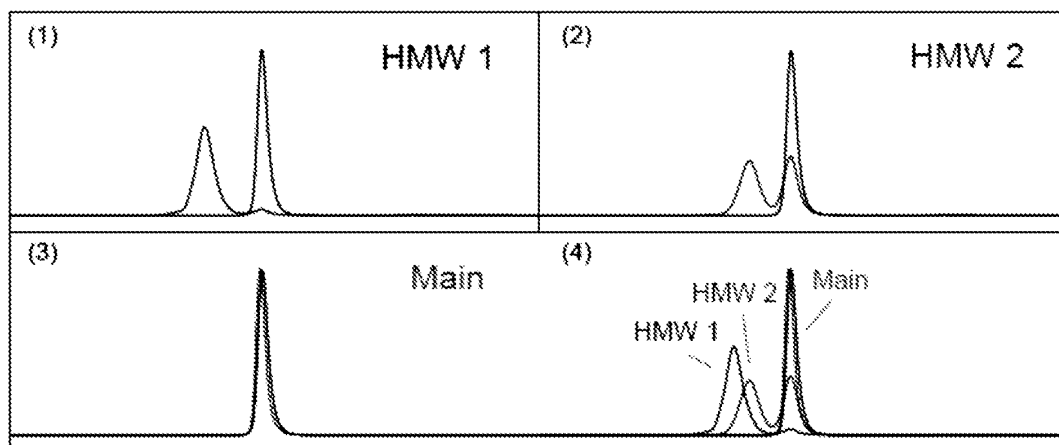


FIG. 18

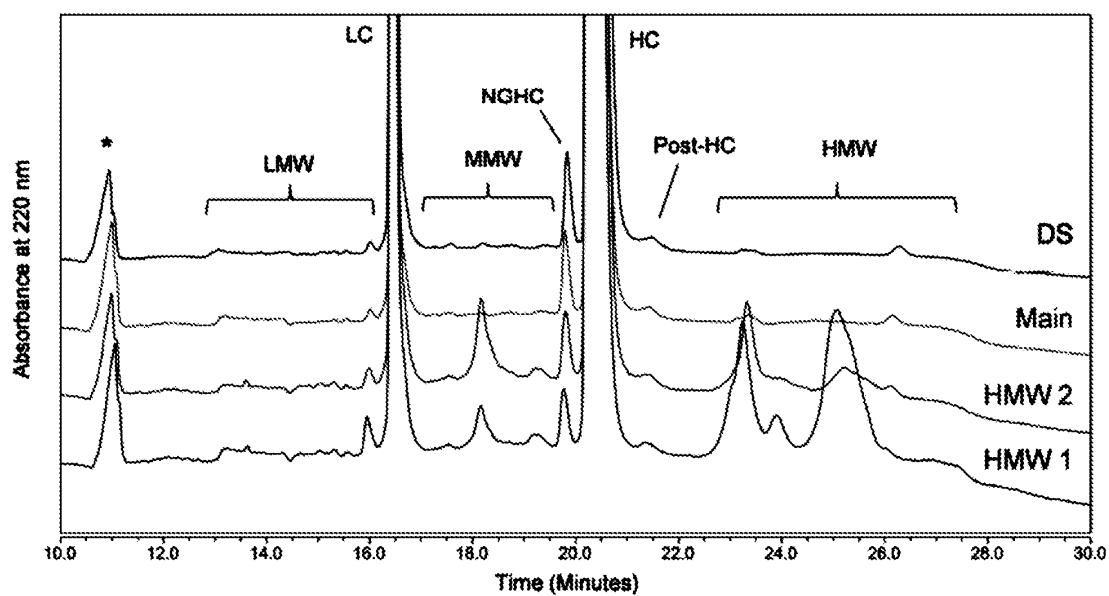
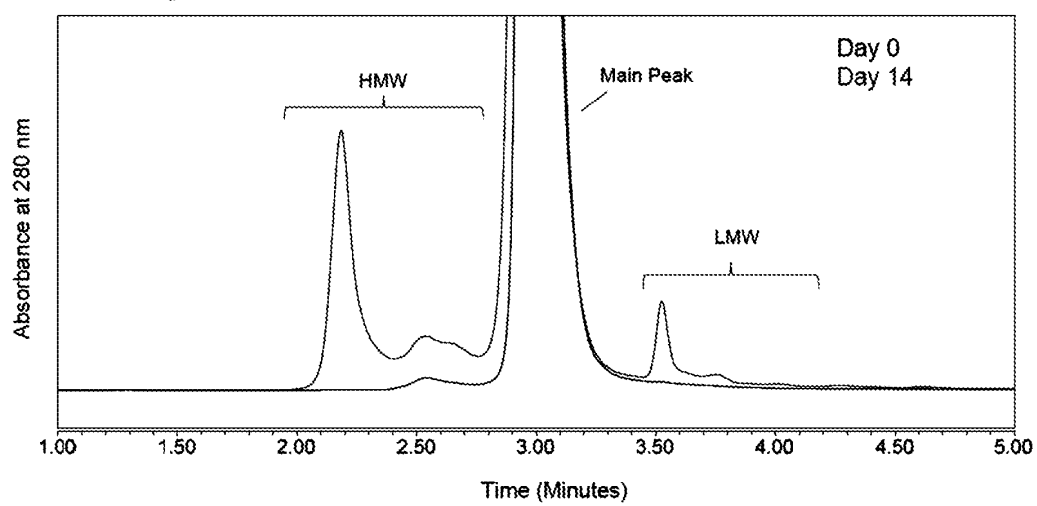


FIG. 19

**FIG. 20**