

Amino Acid Sequence of Erenumab Heavy Chain

1 QVQLVESGGG VVQPGRSLRL SCAASGFTFS SFGMHWVRQA PGKGLEWVAV
 51 ISFDGSIKYS VDSVKGRFTI SRDNSKNTLF LQMNSLRAED TAVYYCARDDR
 101 LNYYDSSGYY HYKYYGMAVW GQGTTVTVSS 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 YTCNVDHKPS NTKVDKTVR KCCVECPPCP APPVAGPSVF
 251 LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVQFNWYVDG VEVHNAKTKP
 301 REEQFNSTFR VVSVLTVVHQ DWLNGKEYKC KVS NKGLPAP IEKTISKTKG
 351 QPREPQVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY
 401 KTPPMLDSD 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 QSN NKYAASS YLSLTPEQWK SHRSYSCQVT
 201 HEGSTVEKTV APTECS (SEQ ID NO: 4)

FIG. 1D

Amino Acid Sequence of Erenumab Heavy Chain Variable Region

1 QVQLVESGGG VVQPGRSLRL 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

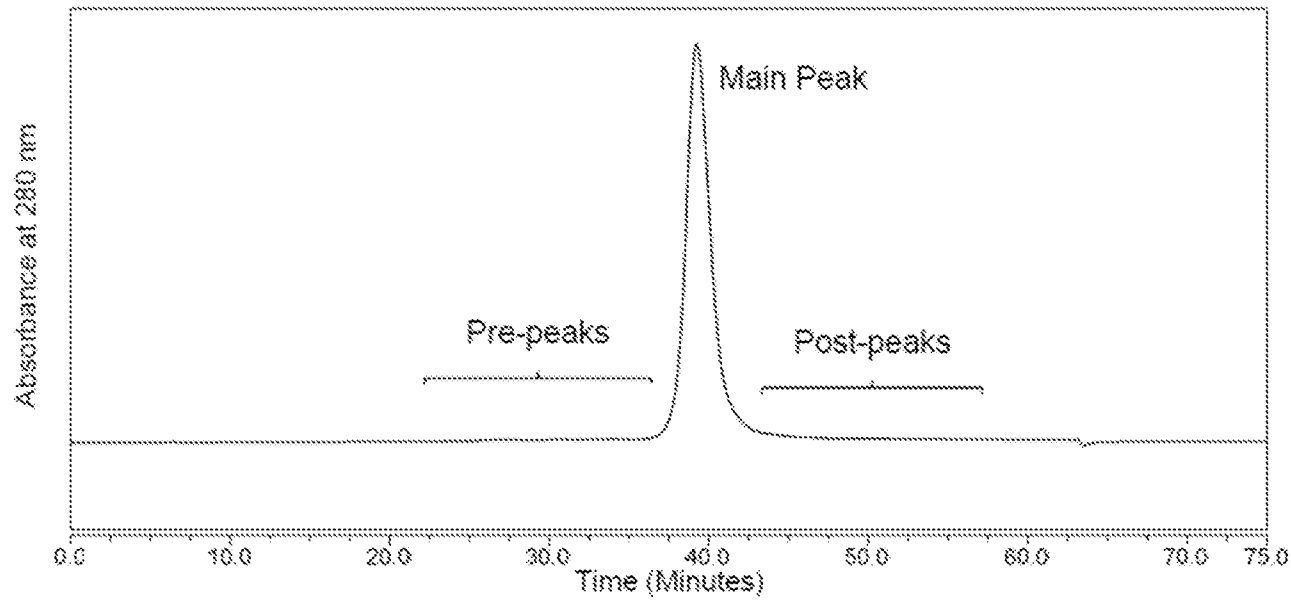


FIG. 2A

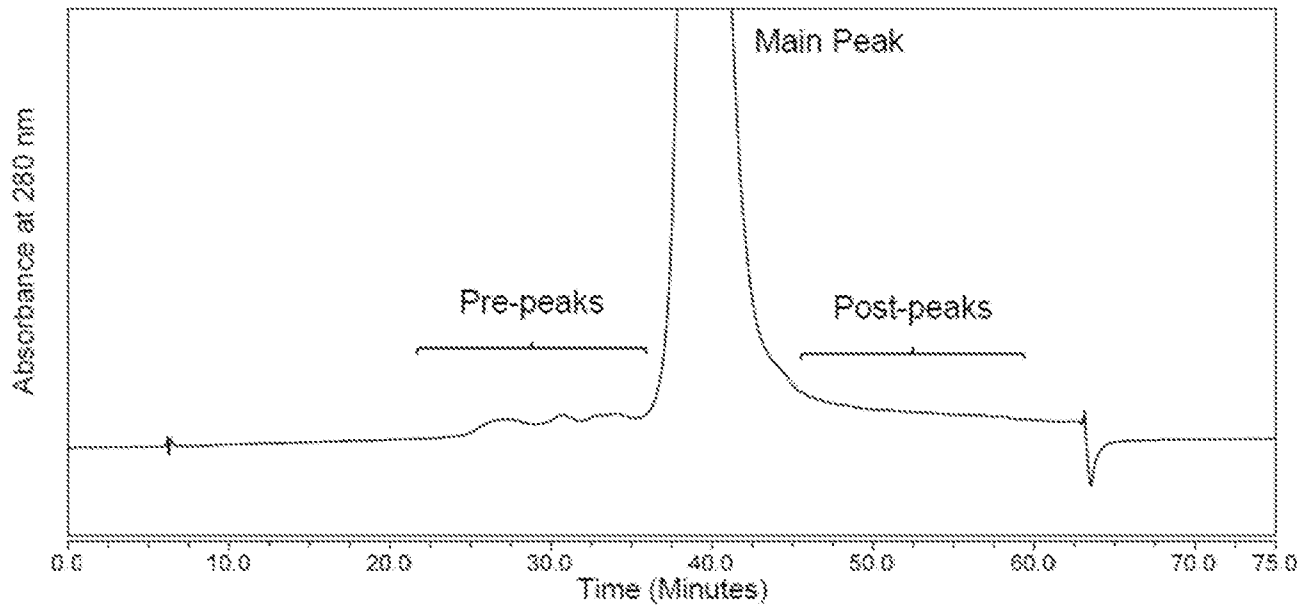


FIG. 2B

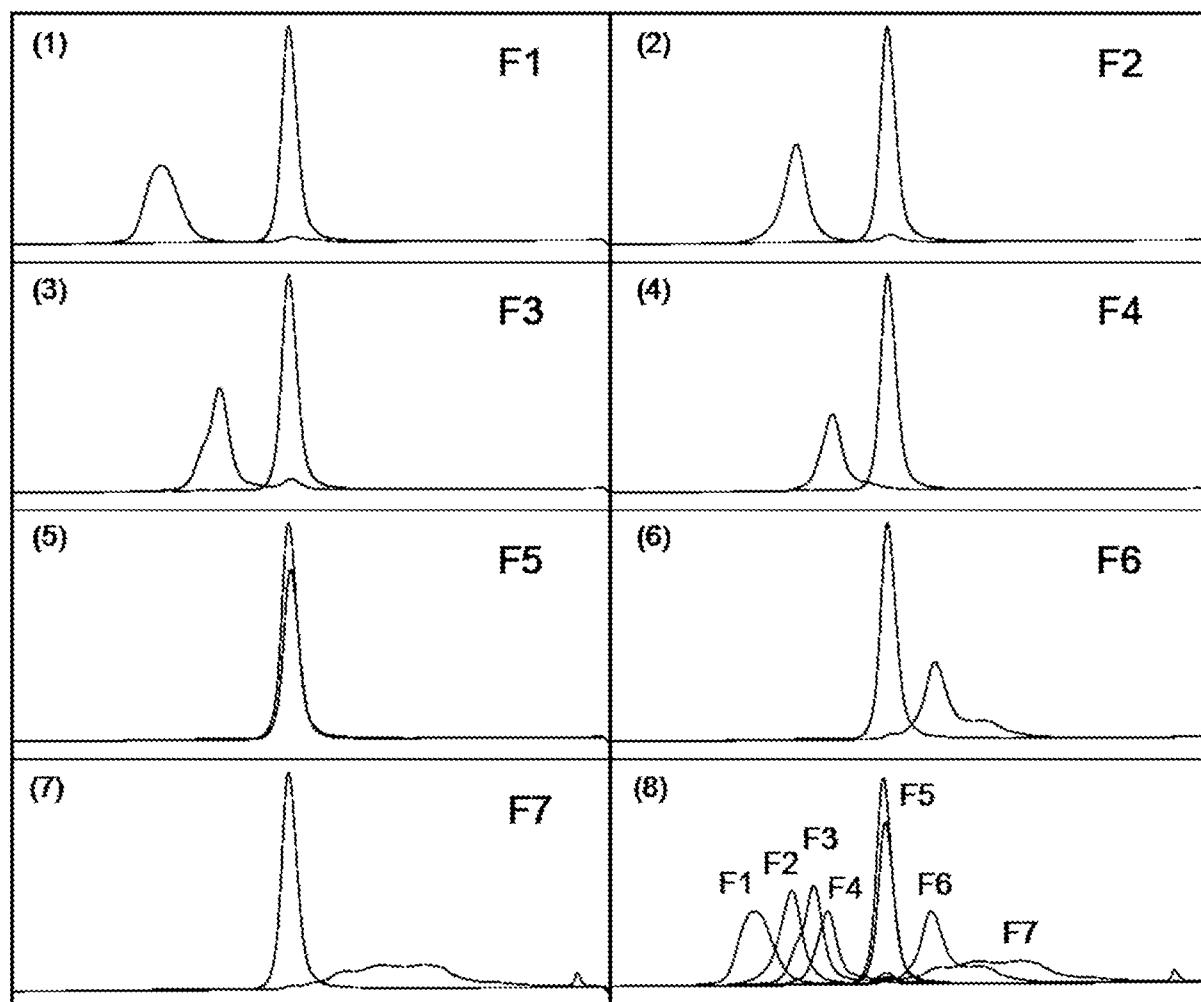


FIG. 3

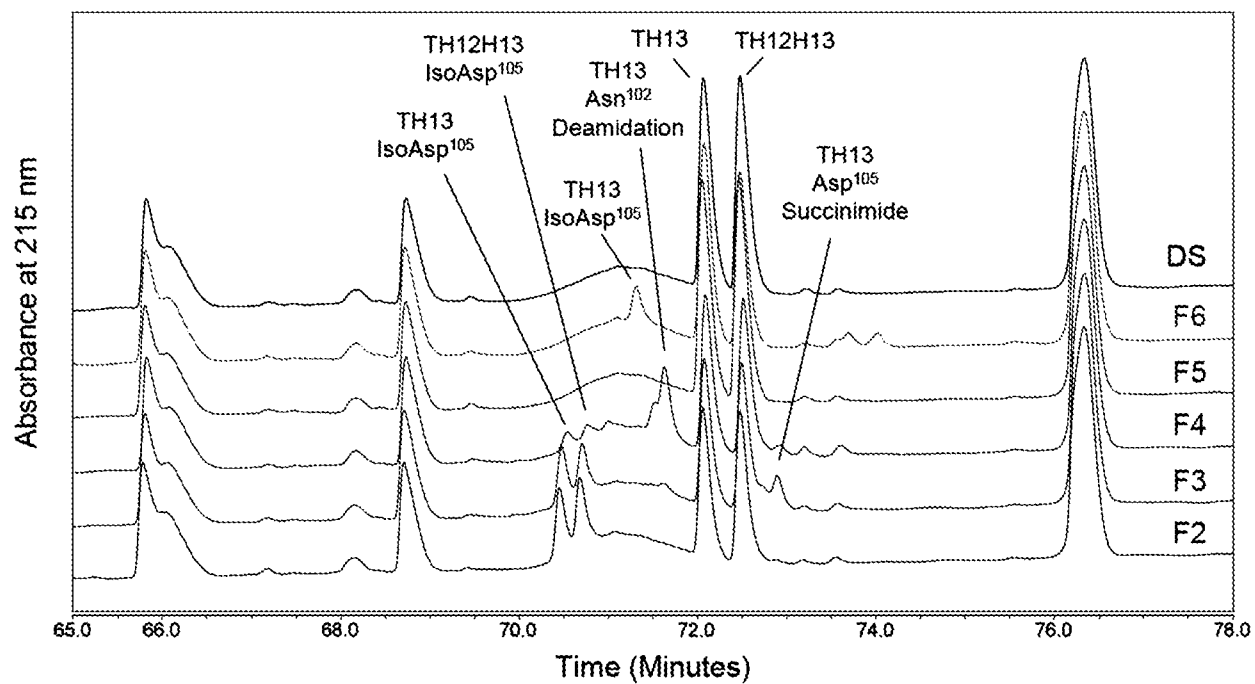


FIG. 4

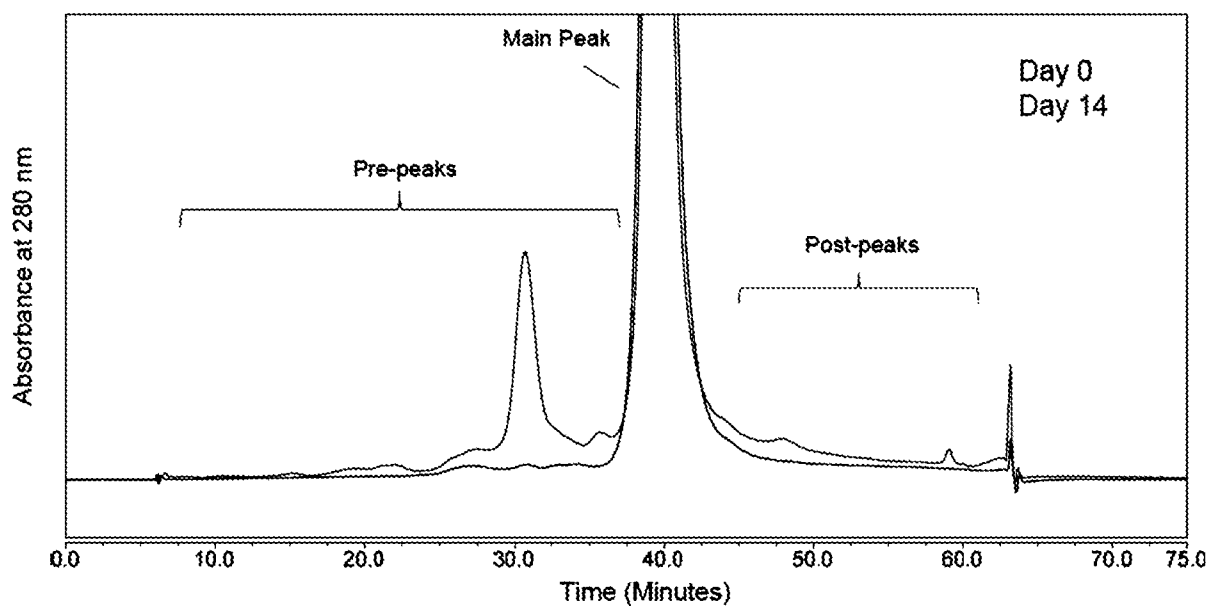


FIG. 5

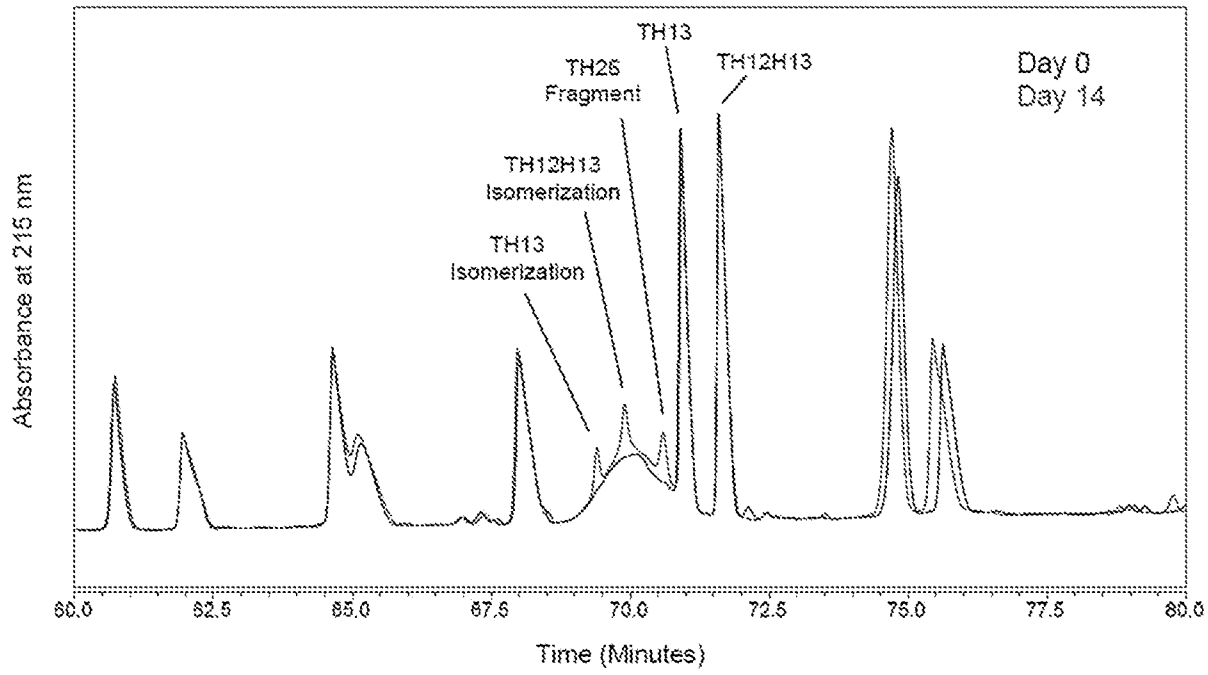


FIG. 6

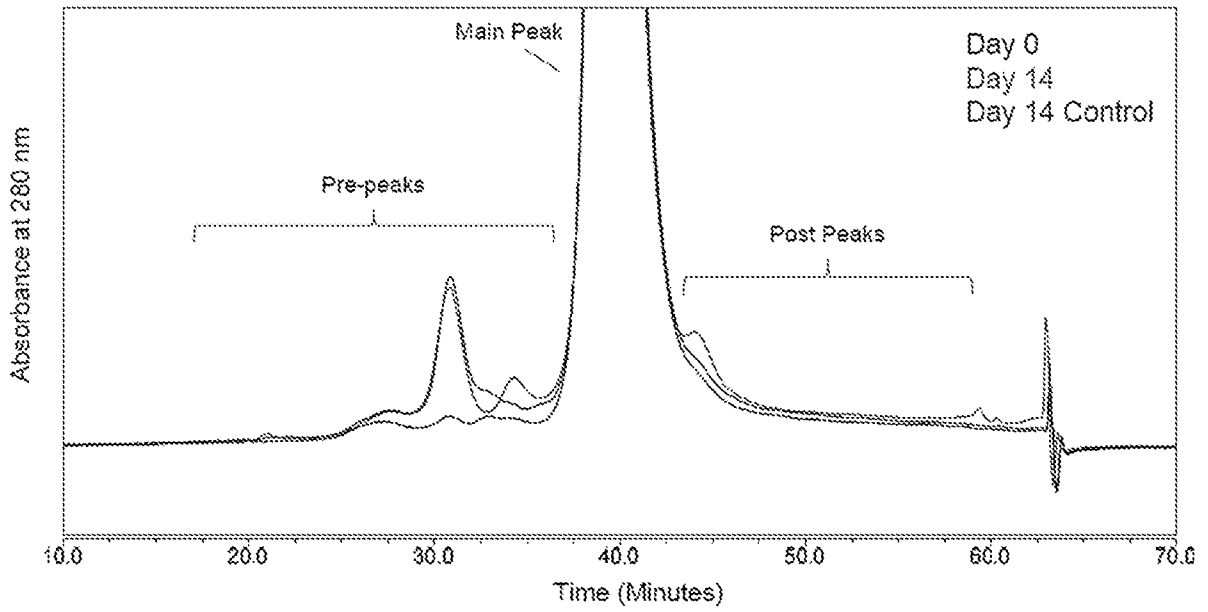


FIG. 7

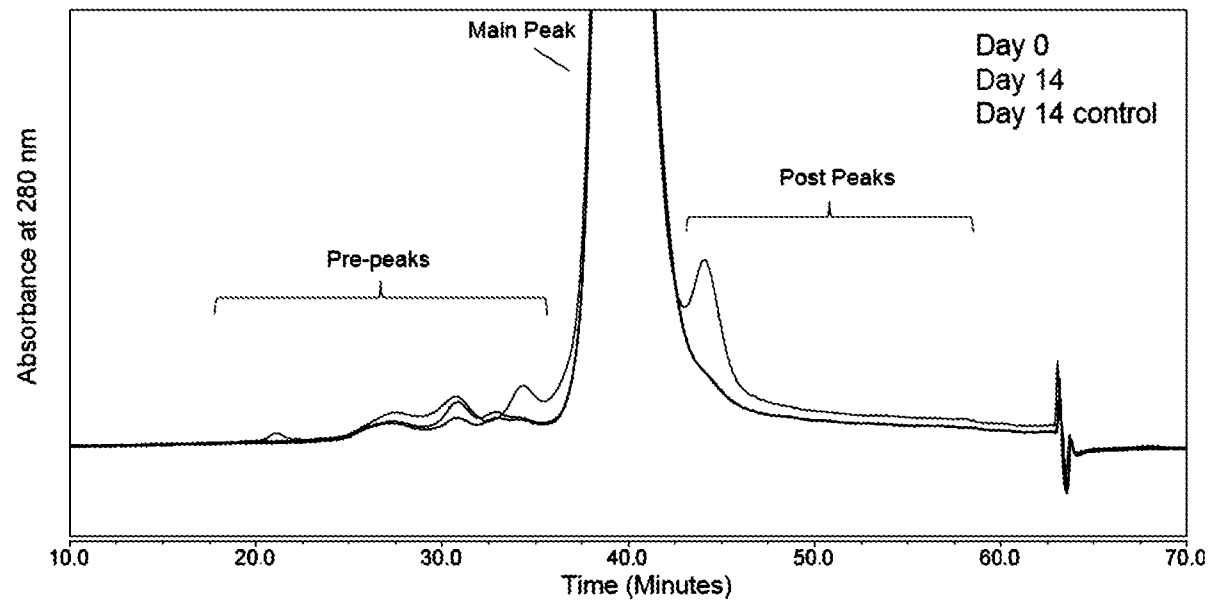


FIG. 8

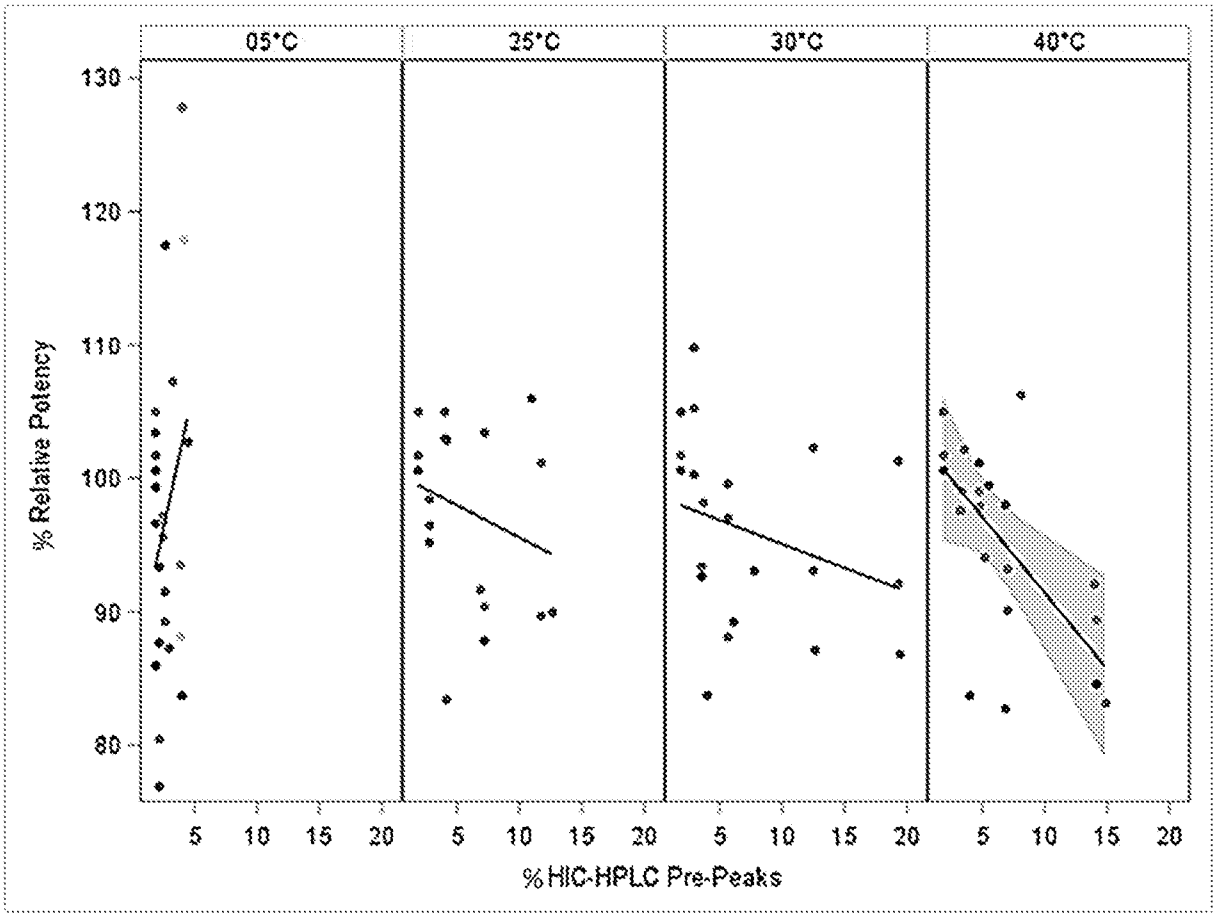


FIG. 9

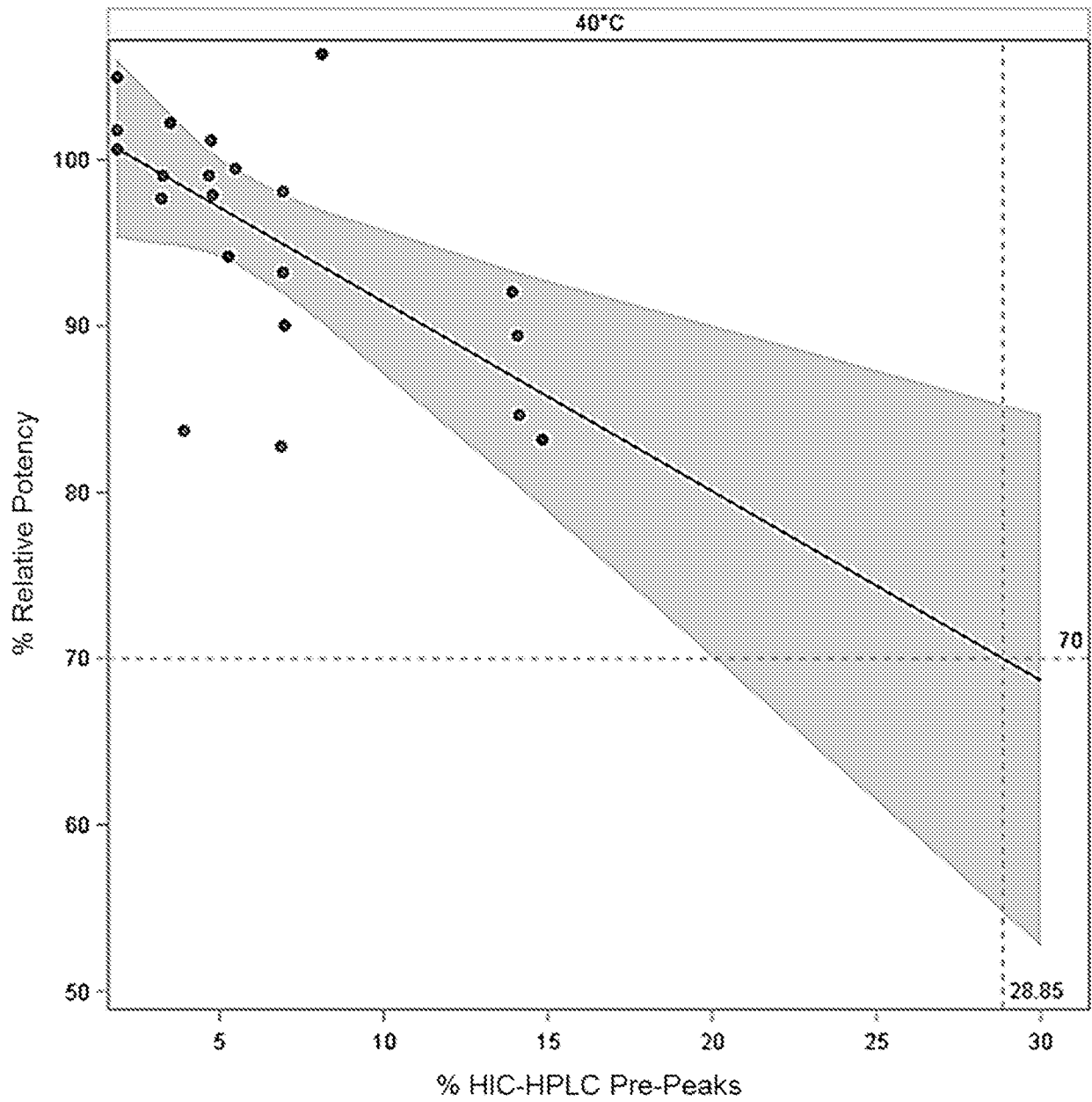


FIG. 10

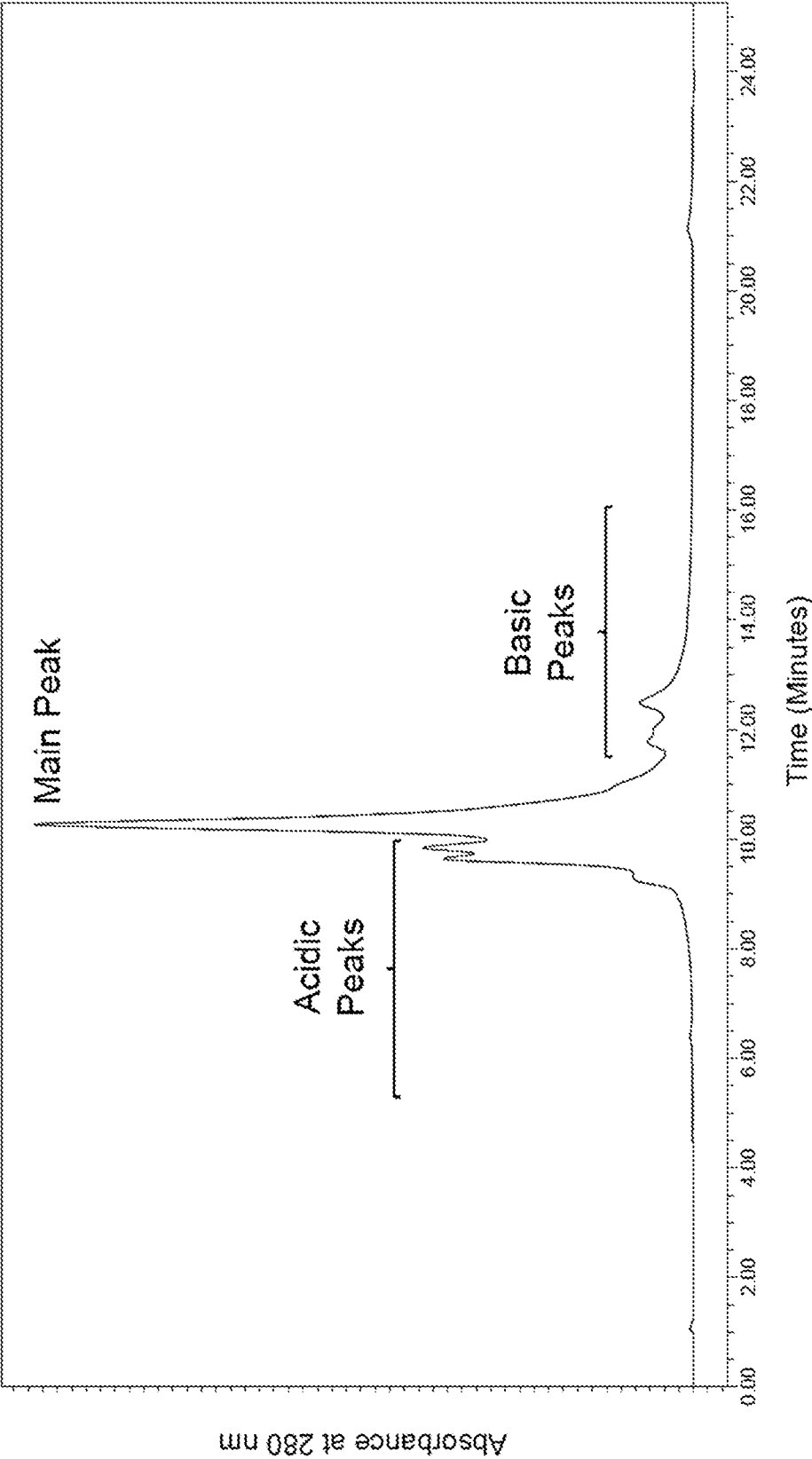


FIG. 11

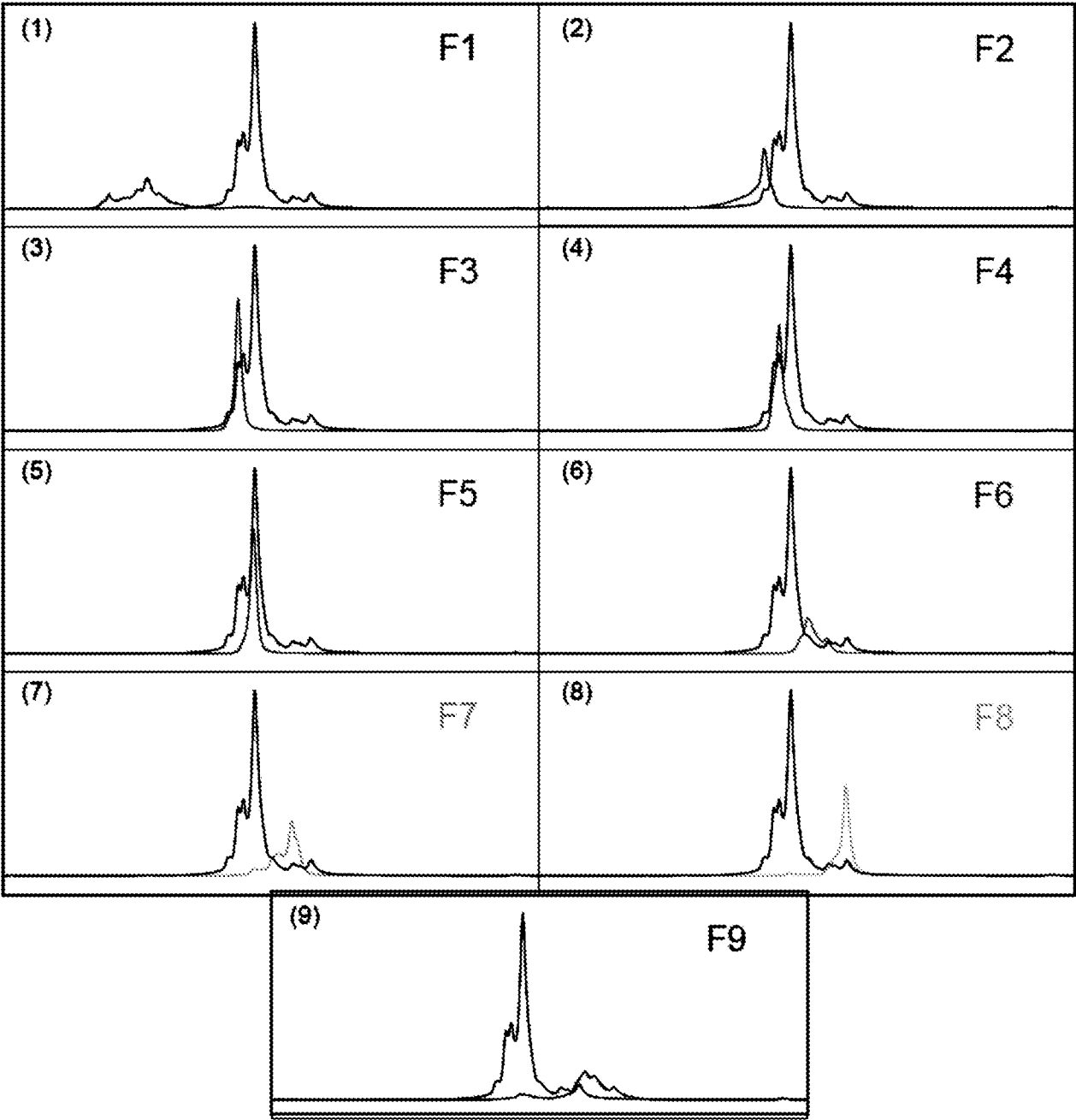


FIG. 12

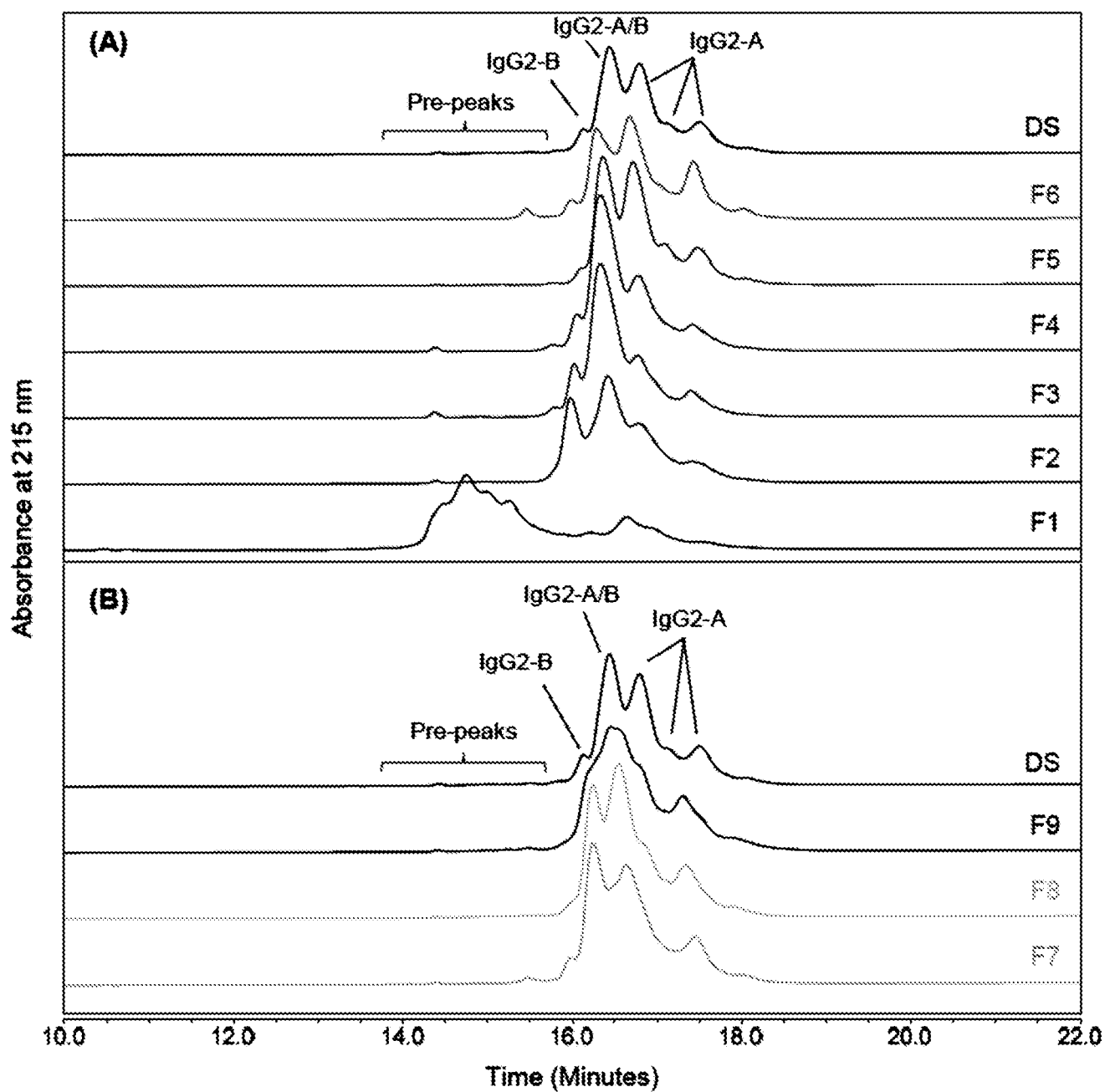


FIG. 13

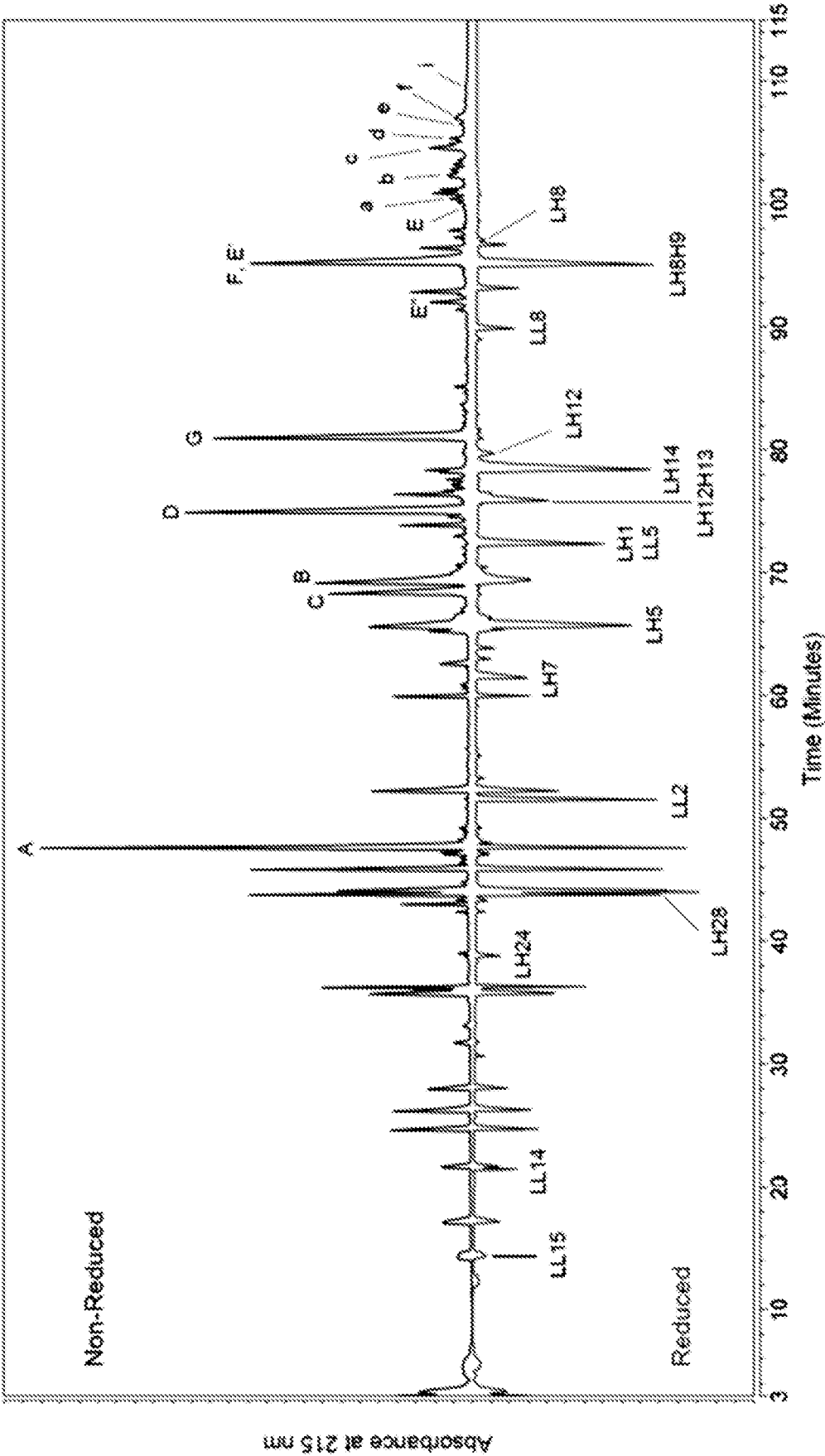
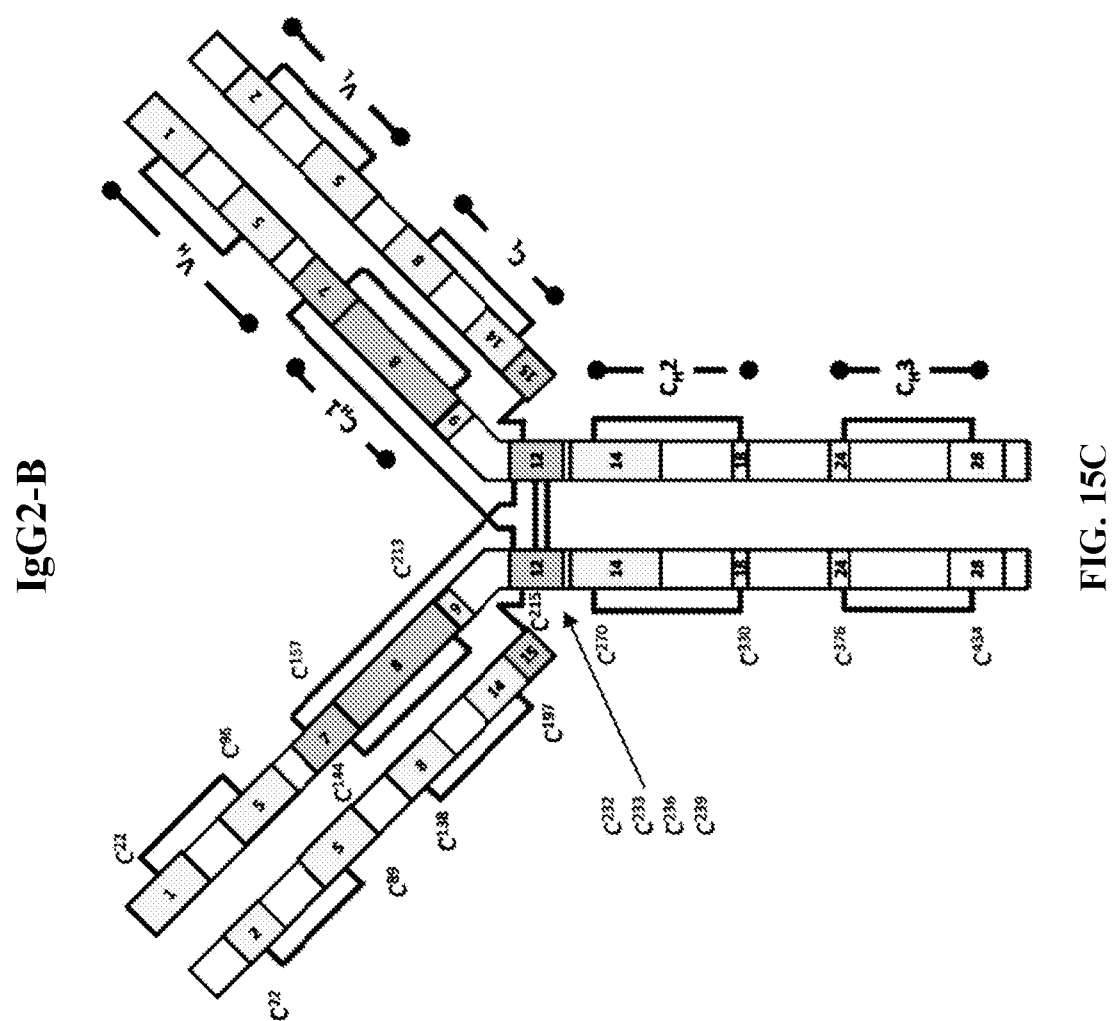


FIG. 14



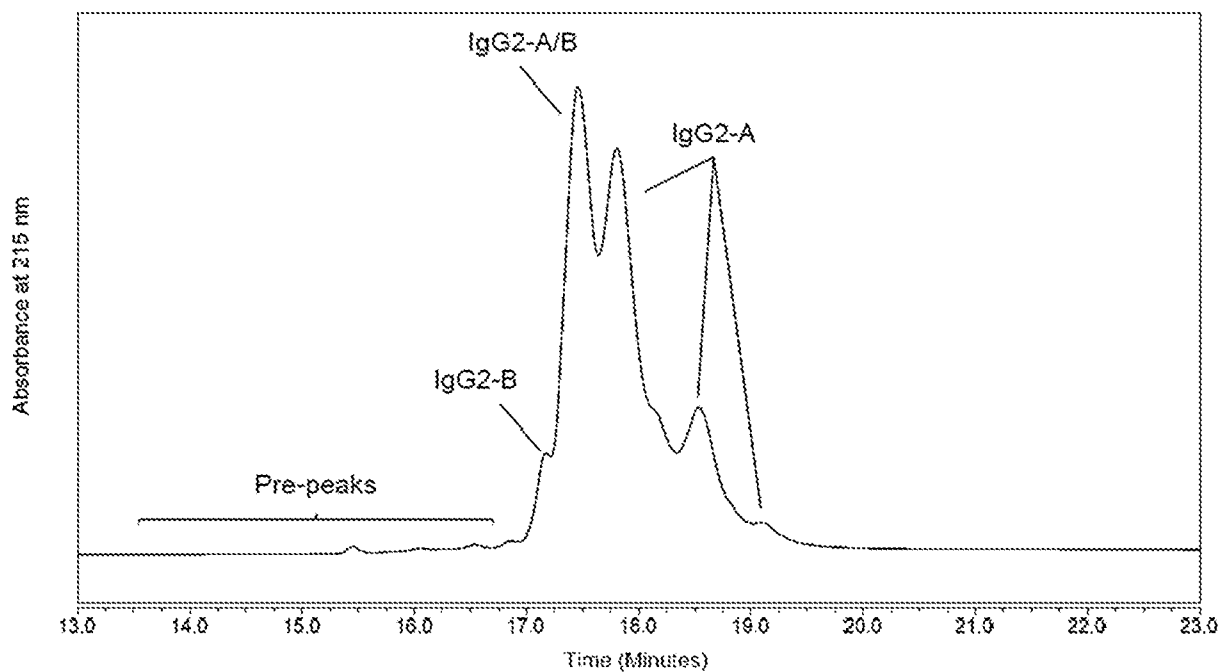


FIG. 16A

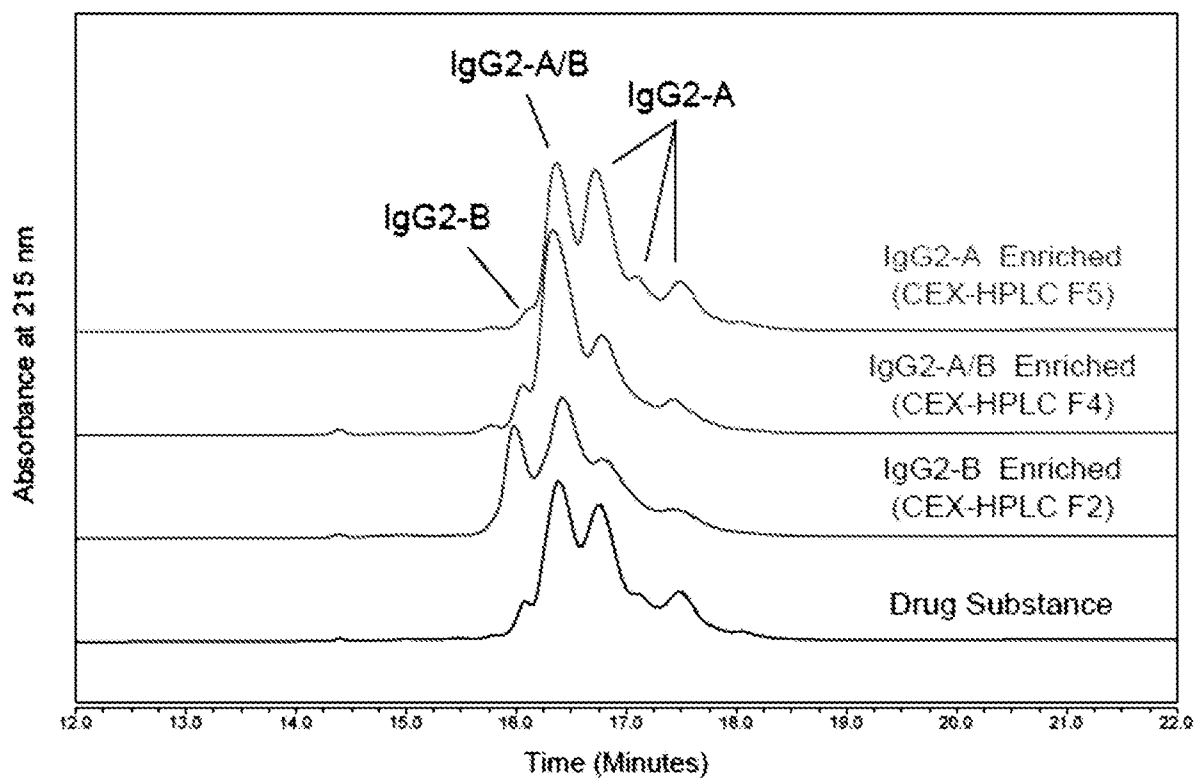


FIG. 16B

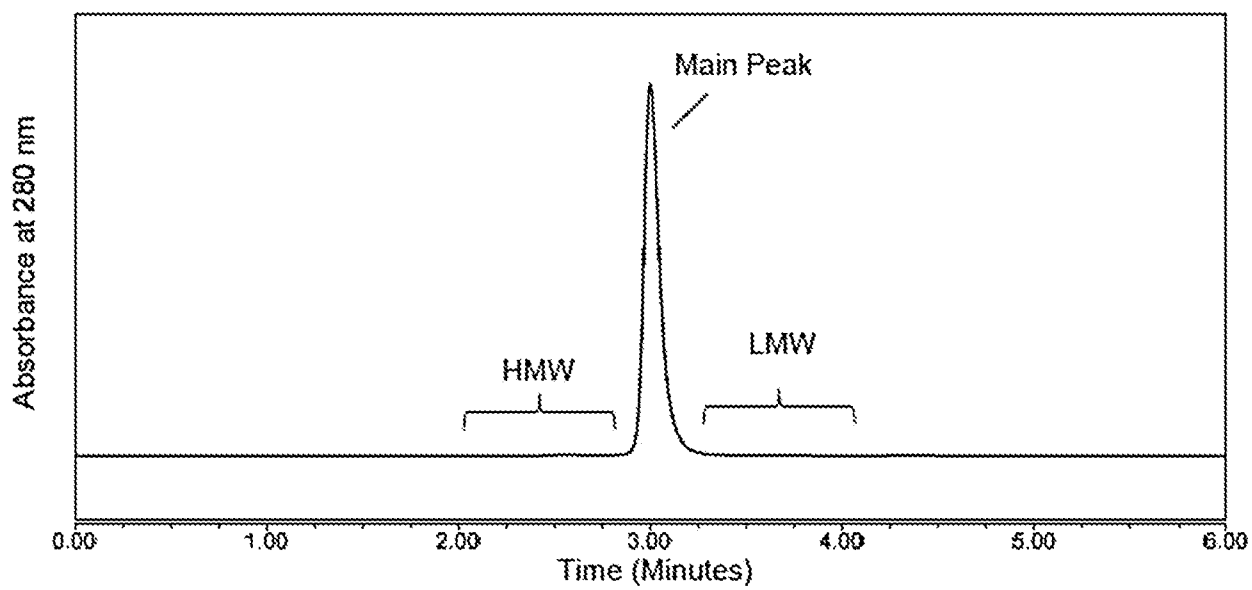


FIG. 17A

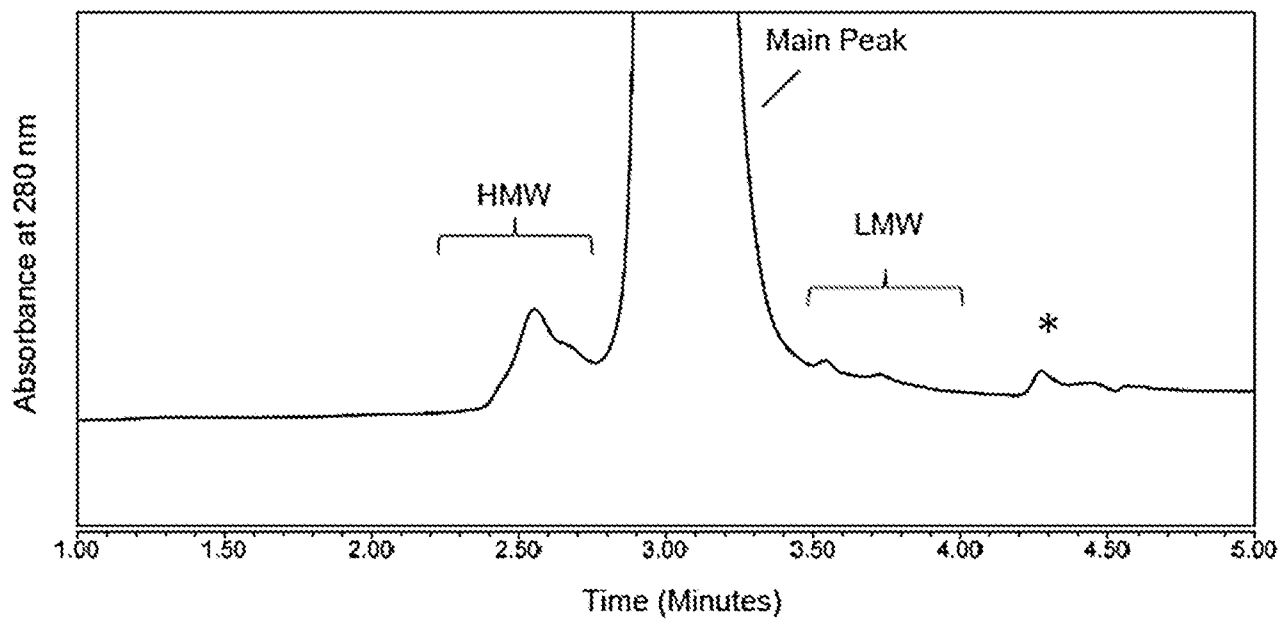


FIG. 17B

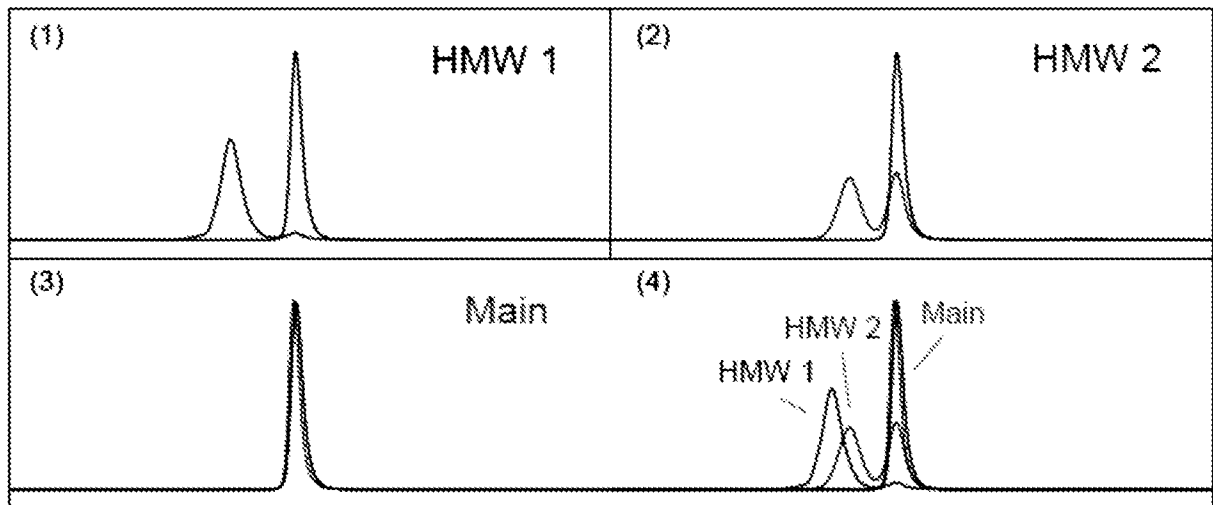


FIG. 18

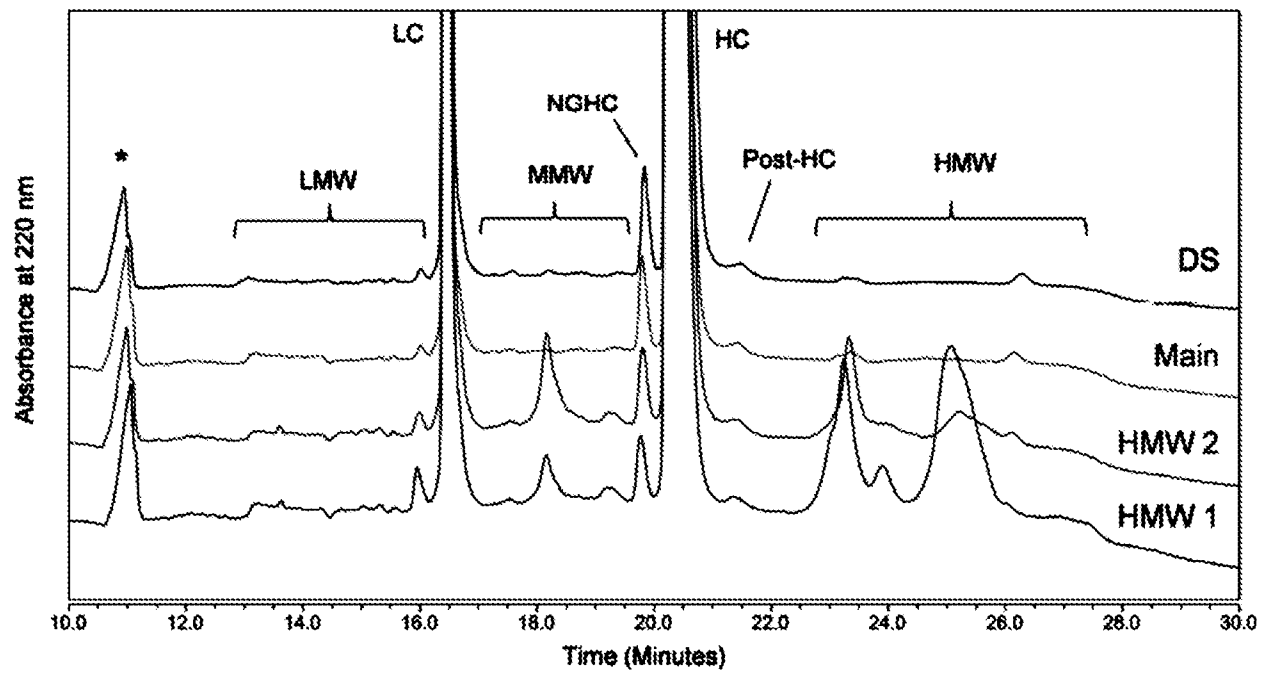
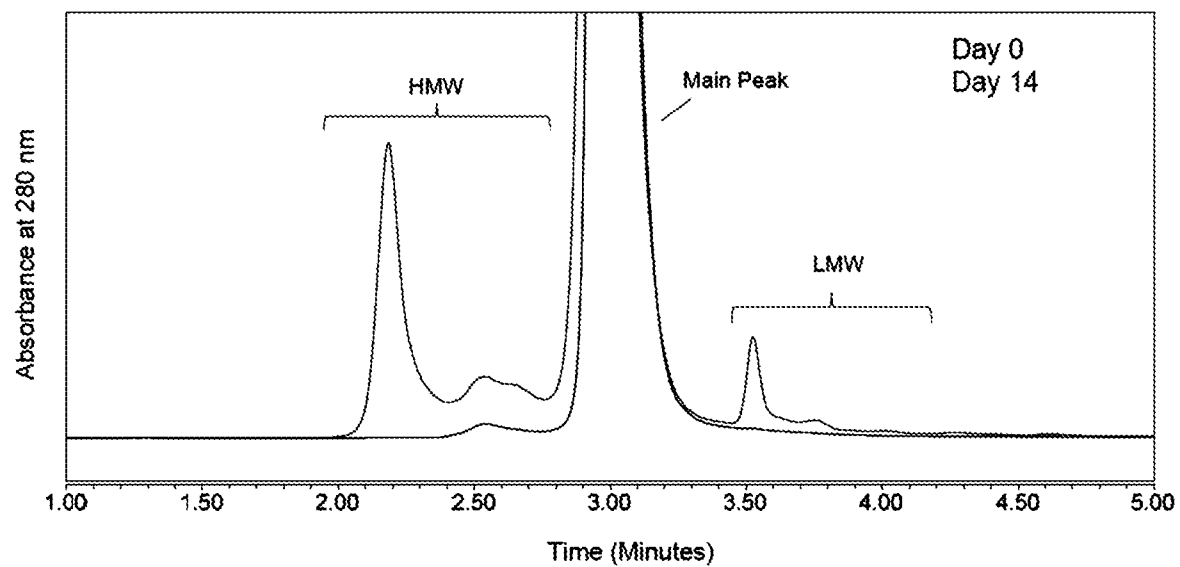


FIG. 19

**FIG. 20**