

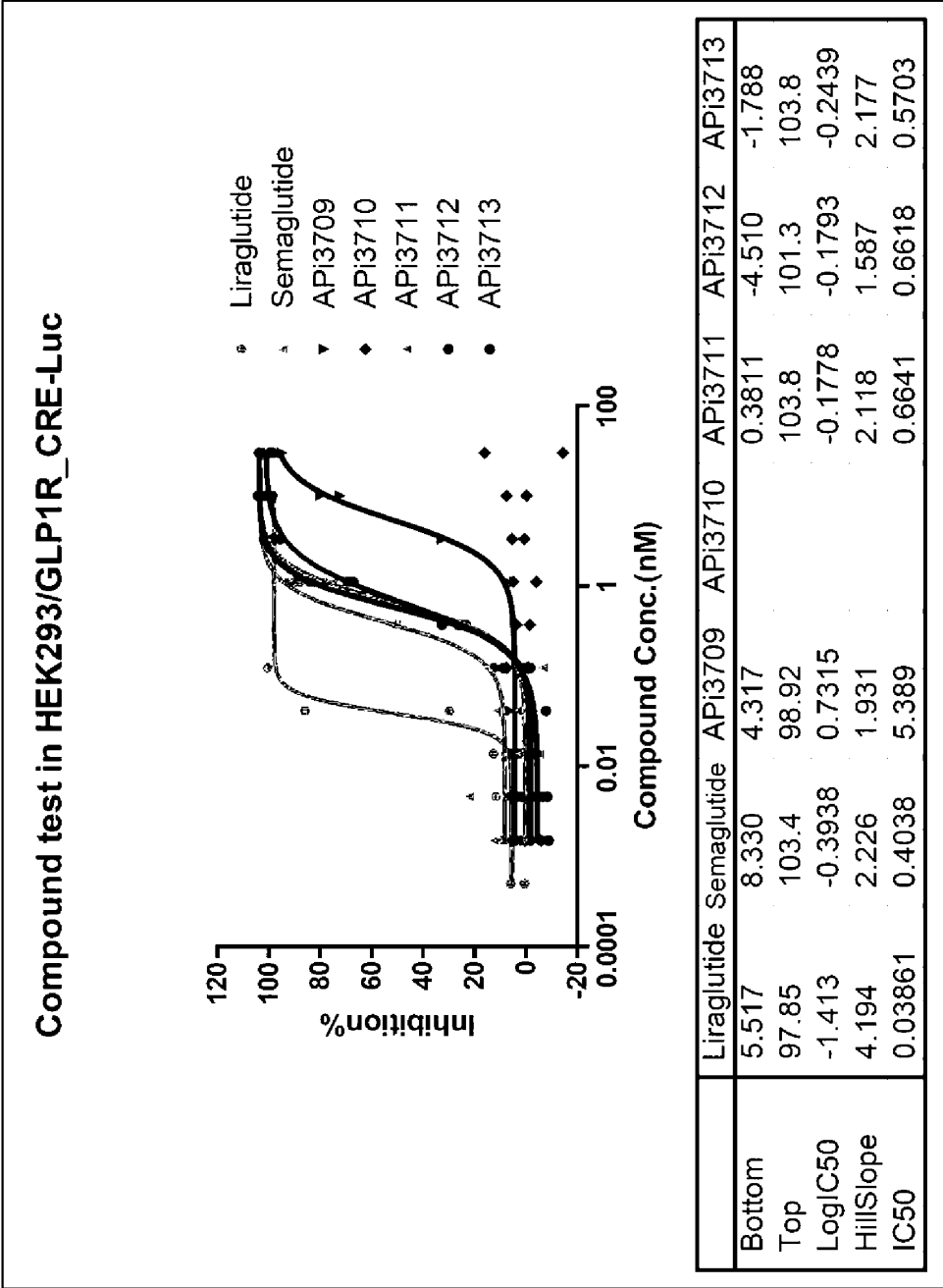


FIG. 1

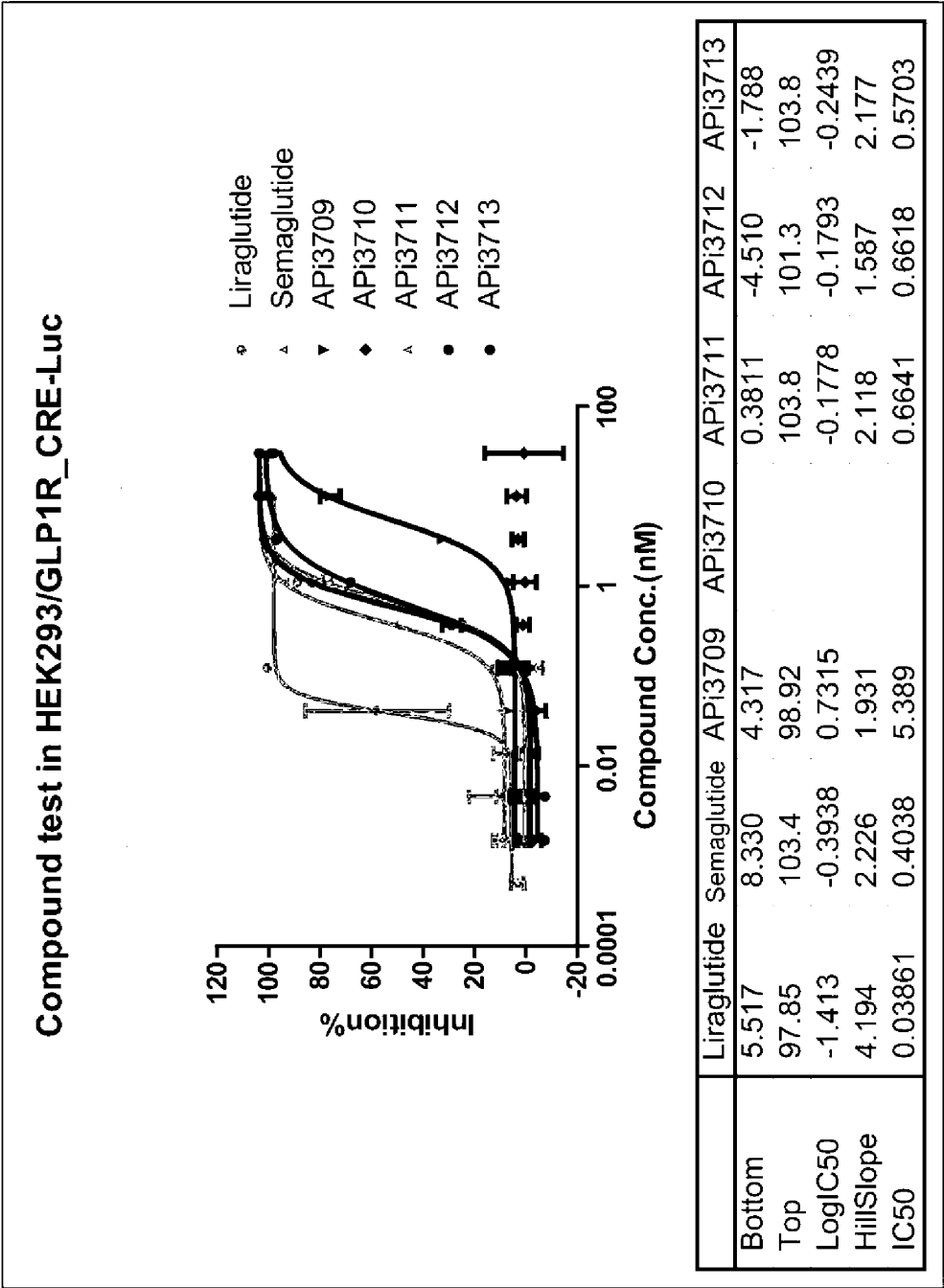


FIG. 2A

GLP-1R Receptor Activation EC50 in CRE-Luc/GLP1R/HEK293 Reporter Assay

WO 2025/054314

PCT/US2024/045369

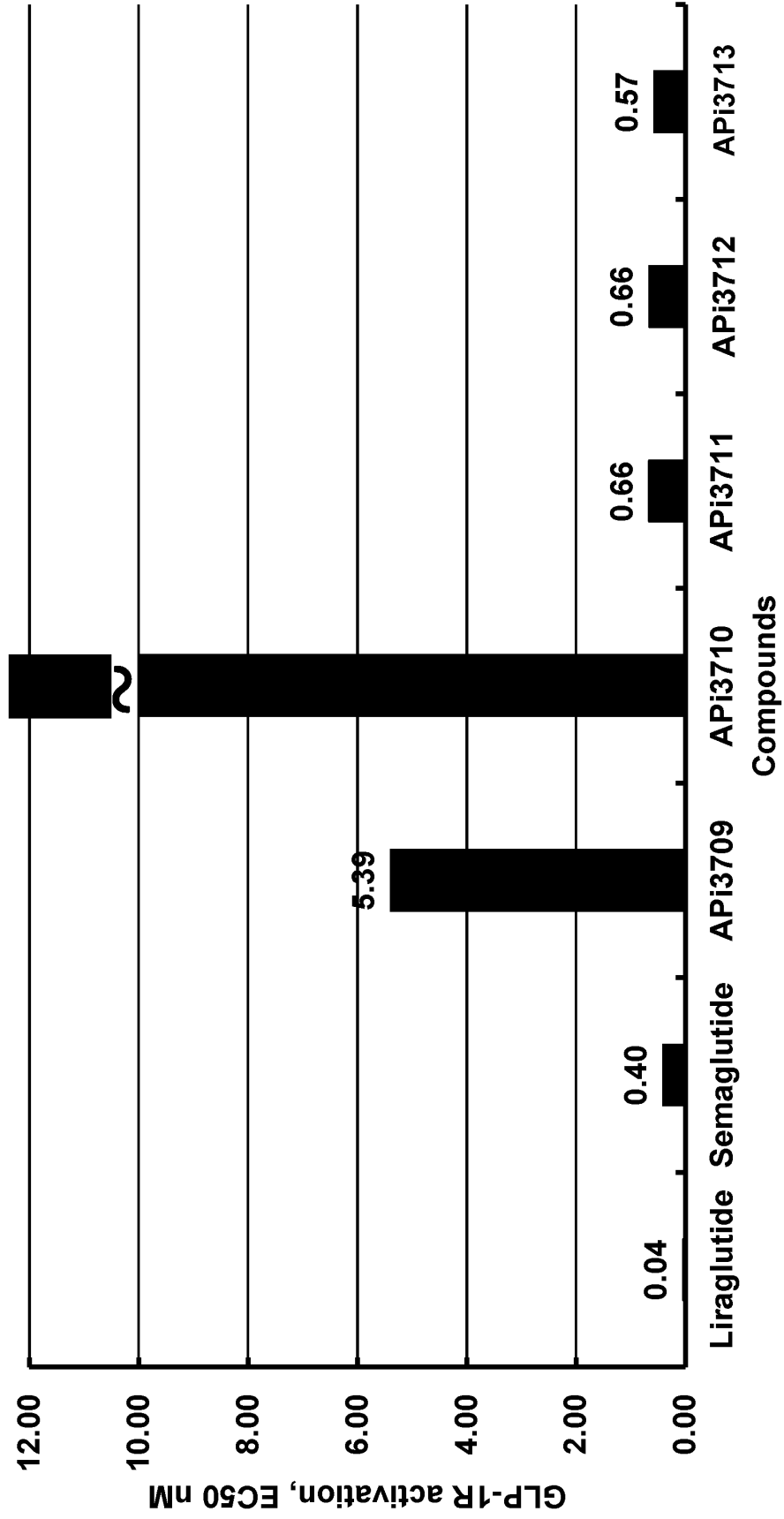


FIG. 2B

API3709

H-Tyr - Aib - Glu - Gly - Thr - Phe - Thr - Ser - Asp - Val - Ser - Ser - Aib - Leu - Glu - Gly - Gln - Ala - Ala - Lys(AEEA-AEEA-γ-Glu-C18-OH) - Glu - Phe - Ile - Ala - Trp - Leu - Val - Arg - Gly - Arg - Gly -OH (SEQ ID NO: 3)

API3710

H-His -Aib-ψ[CH₂NH]-Glu - Gly - Thr - Phe - Thr - Ser - Asp - Val - Ser - Ser - Aib - Leu - Glu - Gly - Gln - Ala - Ala -Lys(AEEA-AEEA-γ-Glu-C18-OH) - Glu - Phe - Ile - Ala - Trp - Leu - Val - Arg - Gly - Arg - Gly -OH (SEQ ID NO: 4)

API3711

H-His - Aib - Glu - Gly - Thr - Phe - Thr - Ser - Asp - Val - Ser - Ser - Aib - Leu - Glu - Gly - Gln - Ala - Ala -Lys(AEEA-AEEA-γ-Glu-C18-OH) - Glu - Phe - Ile - Ala - Trp - Leu - Val - Arg - Gly - Arg - Gly -OH (SEQ ID NO: 5)

API3712

H-His - Aib - Glu - Gly - Thr - Phe - Thr - Ser - Asp - Val - Ser - Ser - Aib - Leu - Glu - Gly - Gln - Ala - Ala -Lys(AEEA-AEEA-γ-Glu-C18-OH) - Glu - Phe - Ile - Ala - Trp - Leu - Val - Arg - Gly - Dap-Gly -OH (SEQ ID NO: 6)

API3713

H-His - Aib-Glu - Gly - Thr - Phe - Thr - Ser - Asp - Val - Ser - Ser-Tyr-Aib -Glu - Gly - Gln - Ala - Ala -Lys(AEEA-AEEA-γ-Glu-C18-OH) - Glu - Phe - Ile - Ala - Trp - Leu - Val - Gly - Gly - Pro - Ser - Ser - Gly - Ala - Pro - Pro - Pro - Ser-NH₂ (SEQ ID NO: 7)

FIG. 3

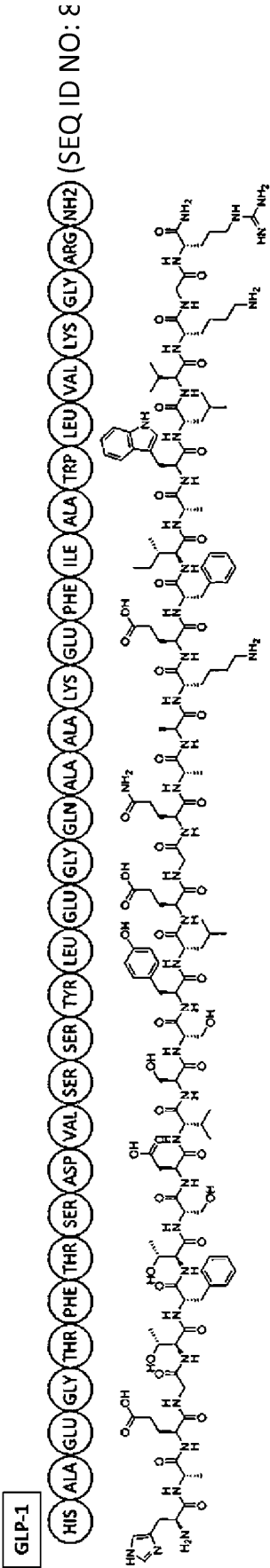


FIG. 4

Exendin-4

(HIS GLY GLU GLY THR PHE THR SER ASP LEU SER LYS GLN/MET GLU GLU ALA VAL ARG LEU PHE ILE GLU TRP LEU LYS ASN GLY PRO SER SER NH₂) (SEQ ID N

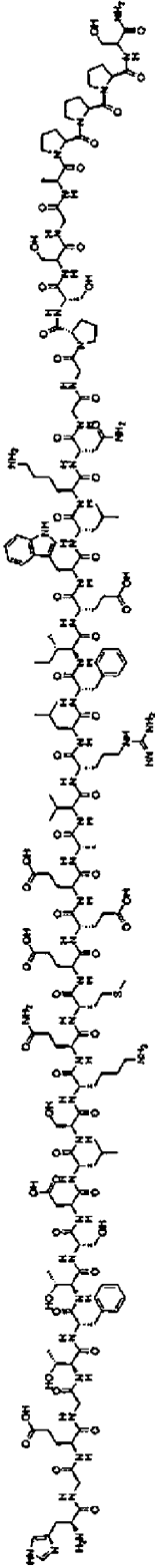


FIG. 5

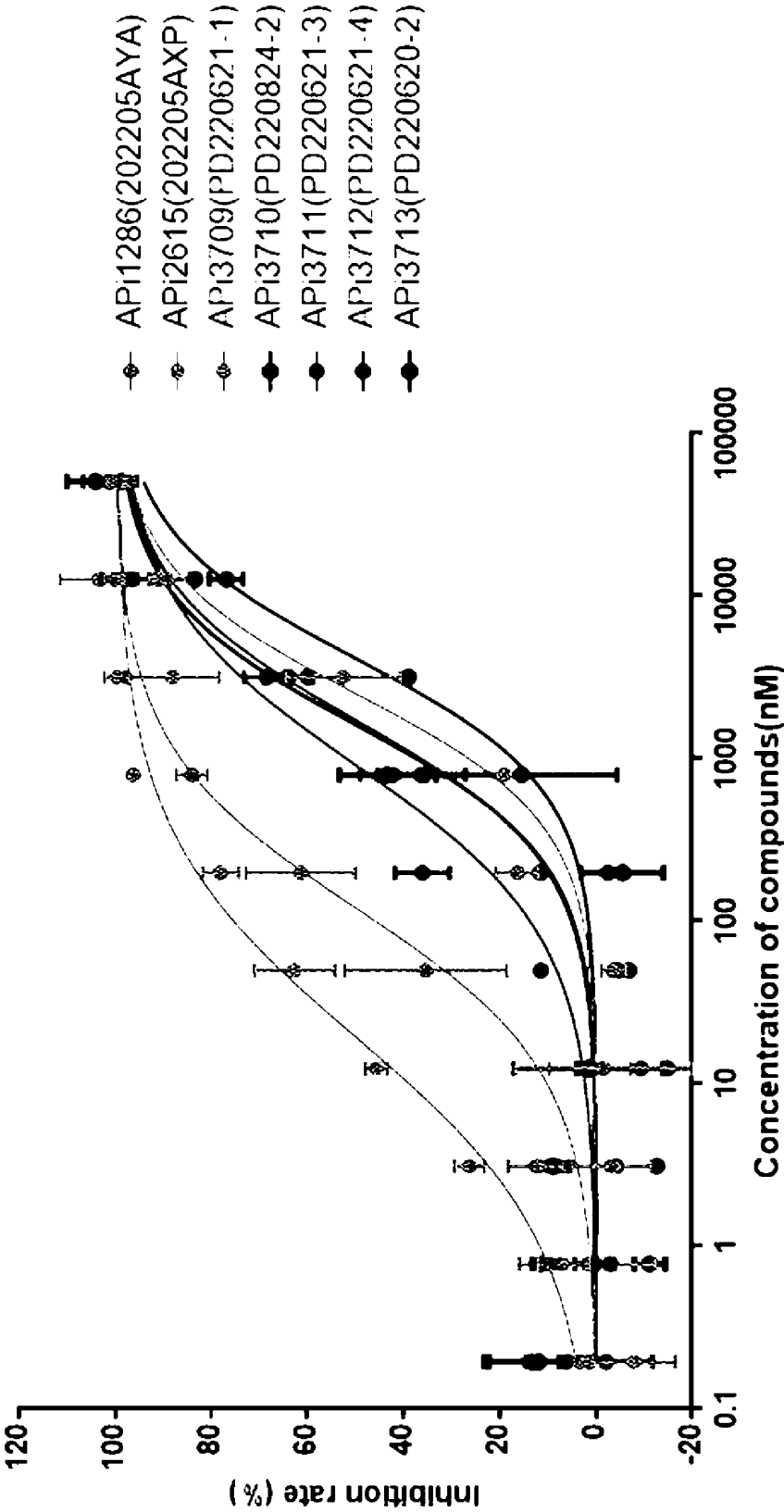


FIG. 6A

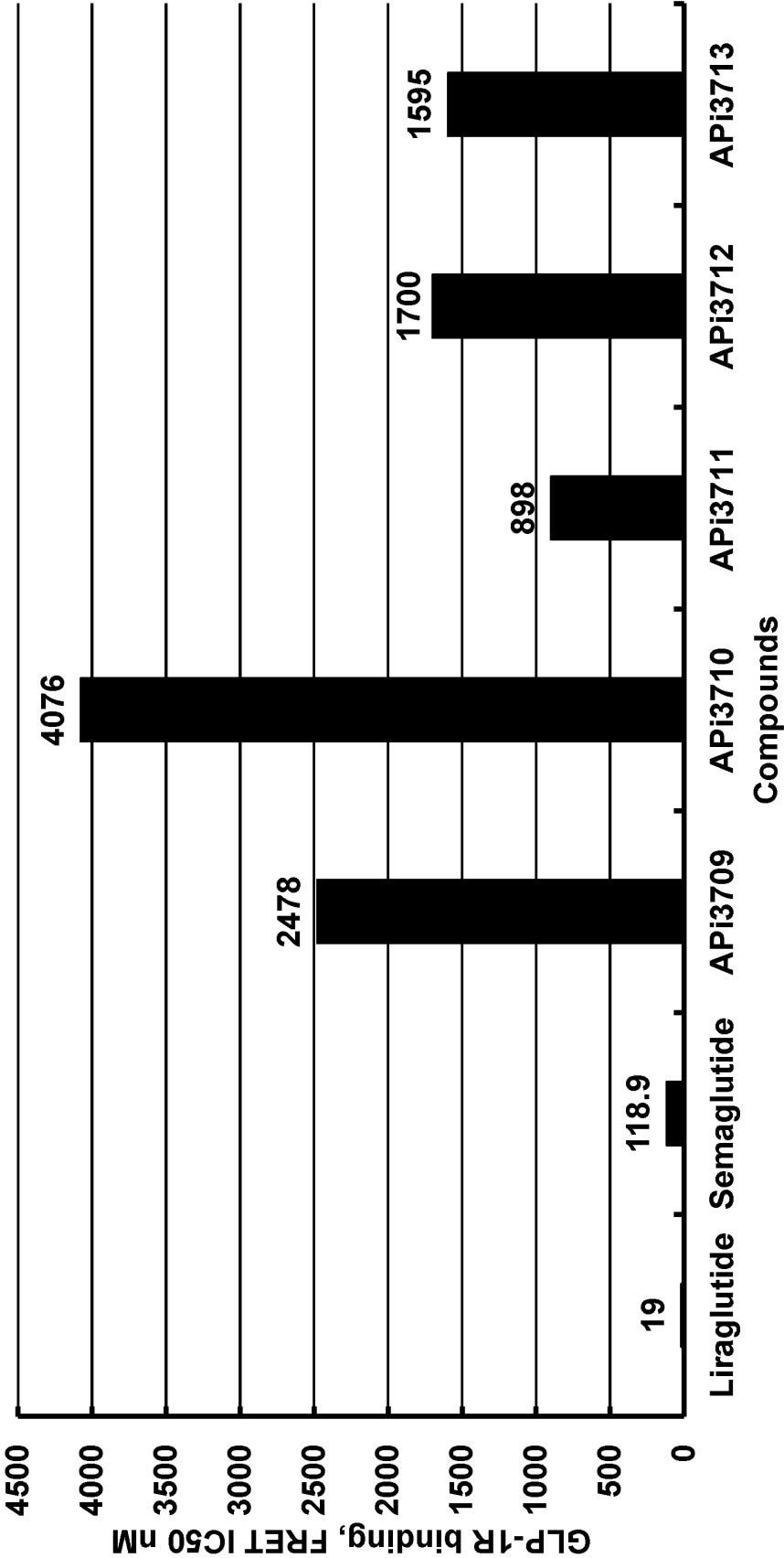


FIG. 6B

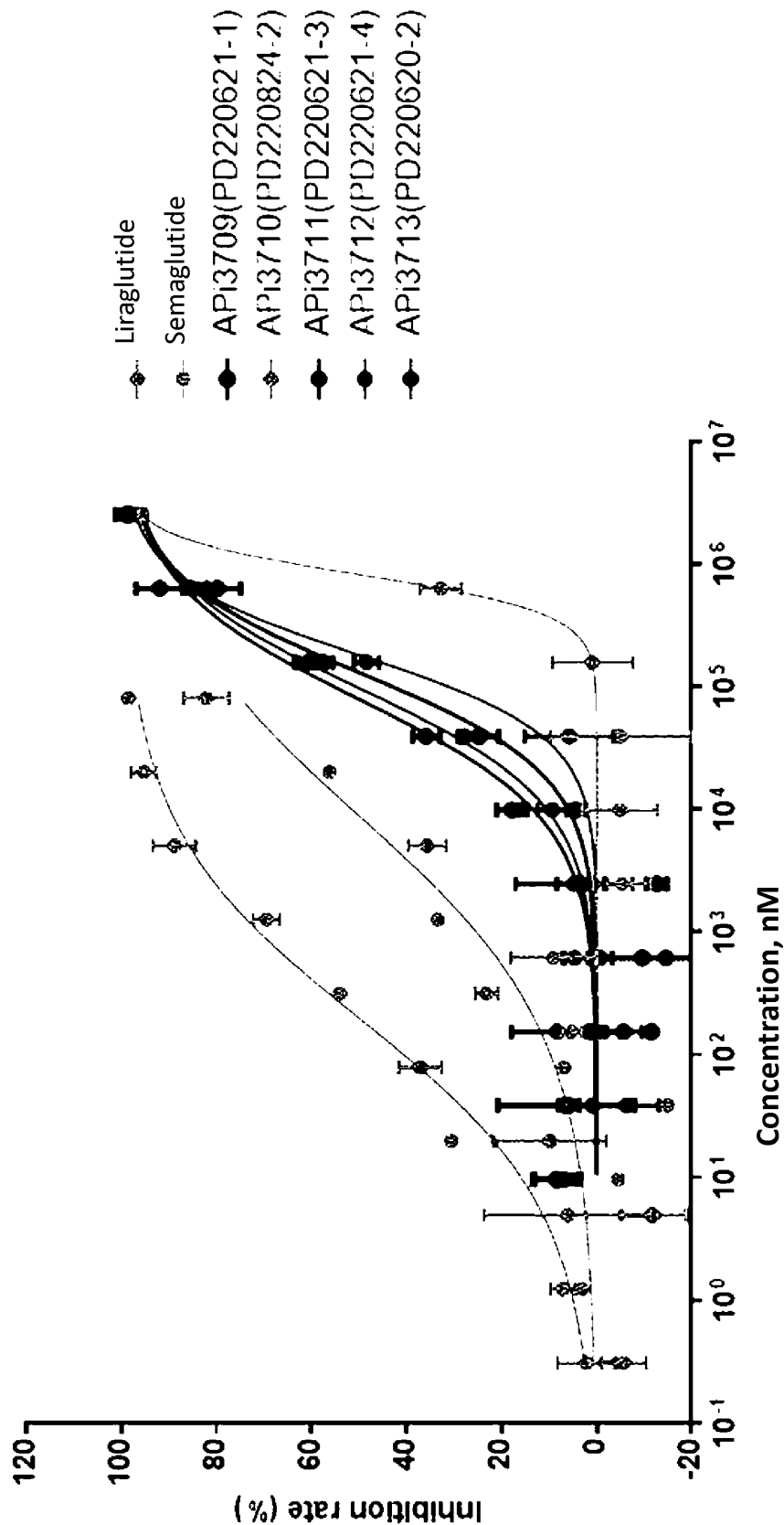


FIG. 7A

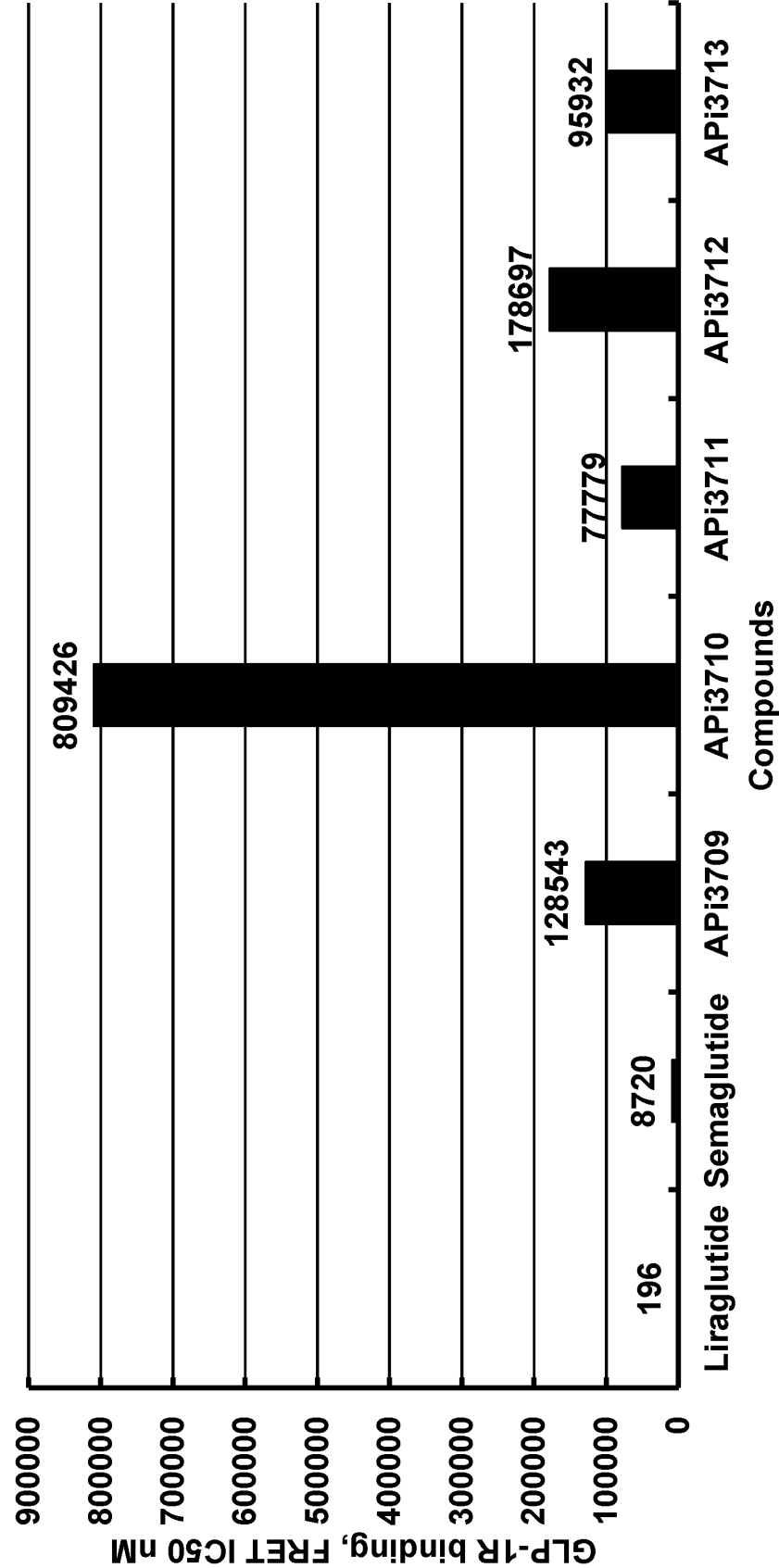


FIG. 7B

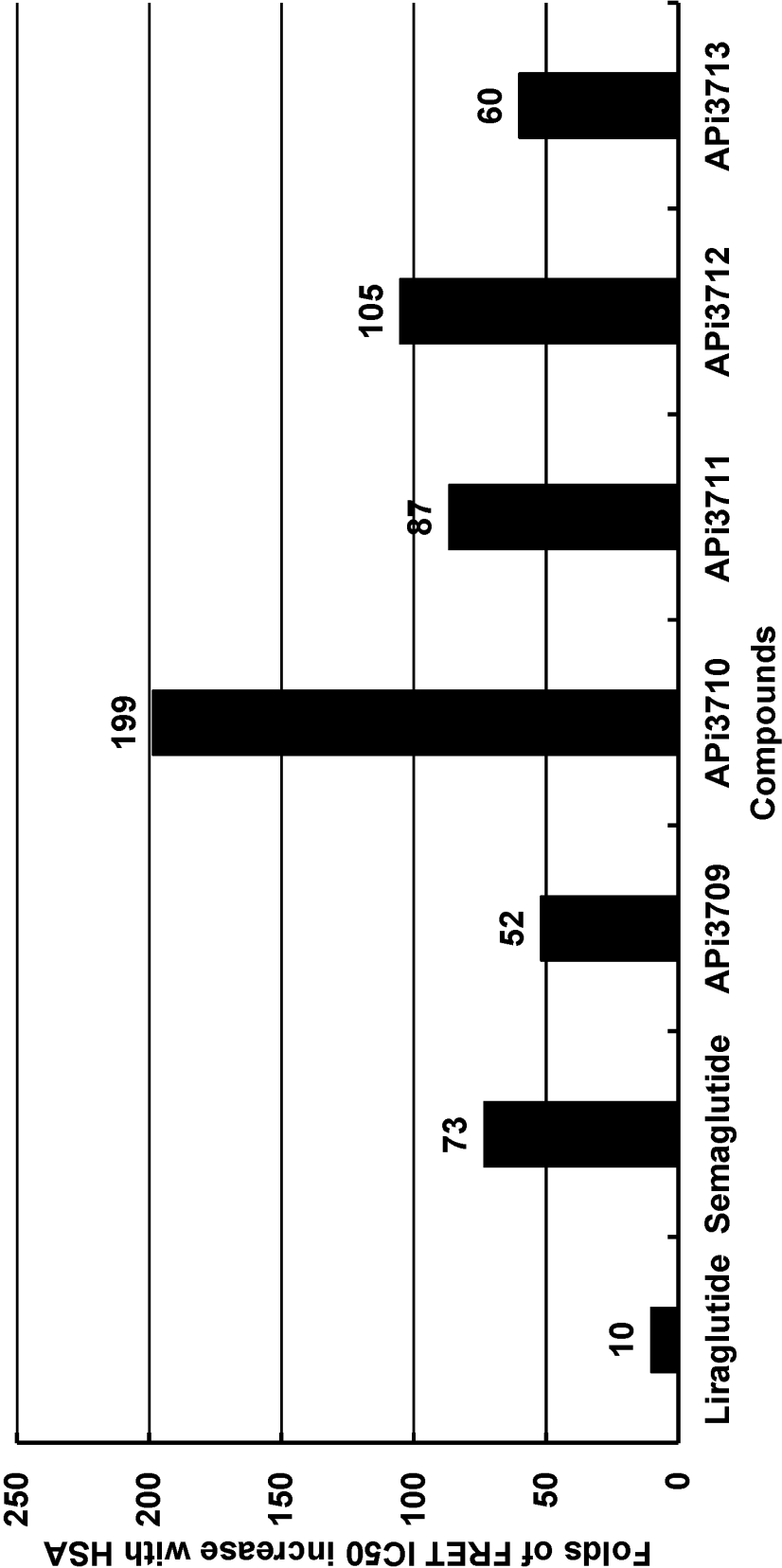


FIG. 8A

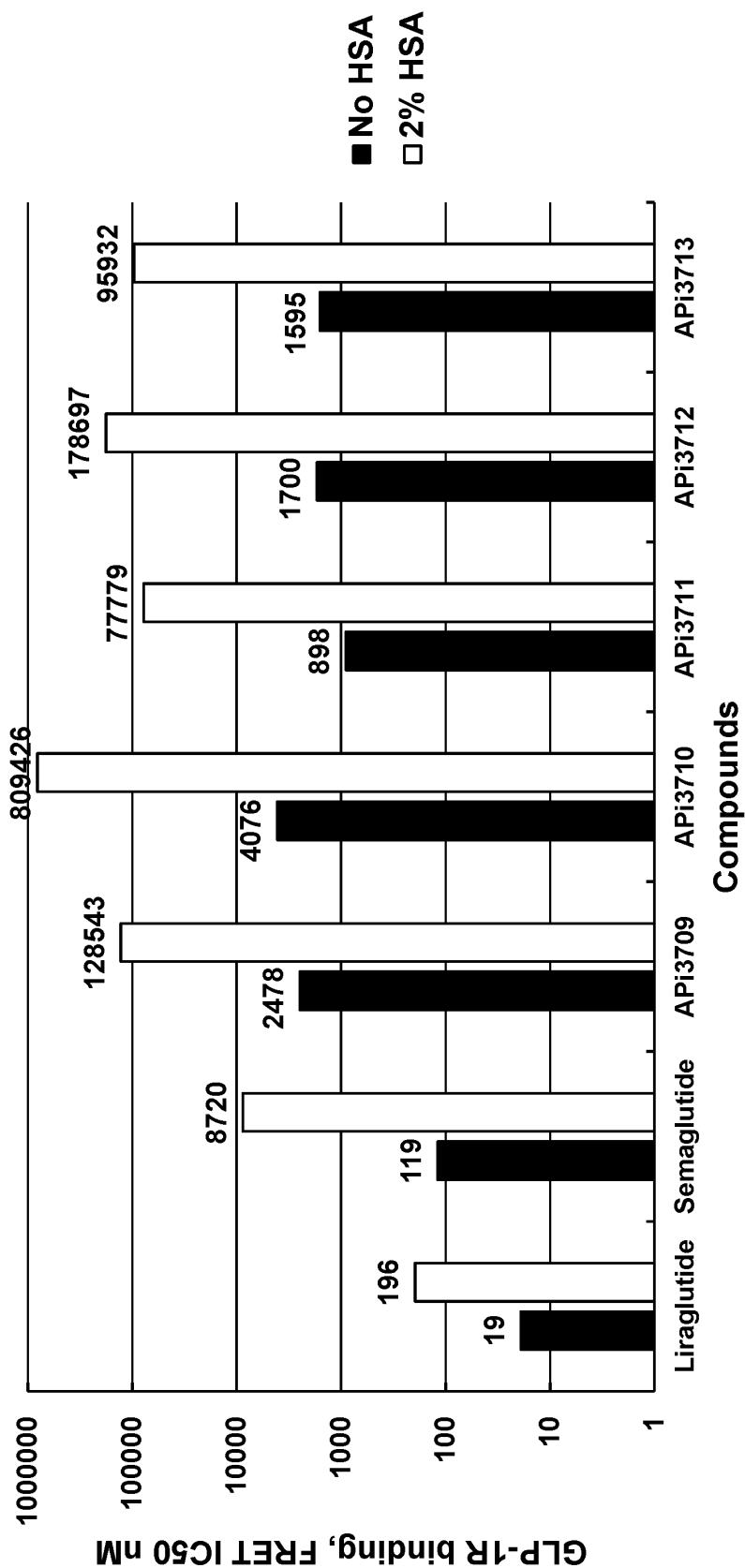


FIG. 8B

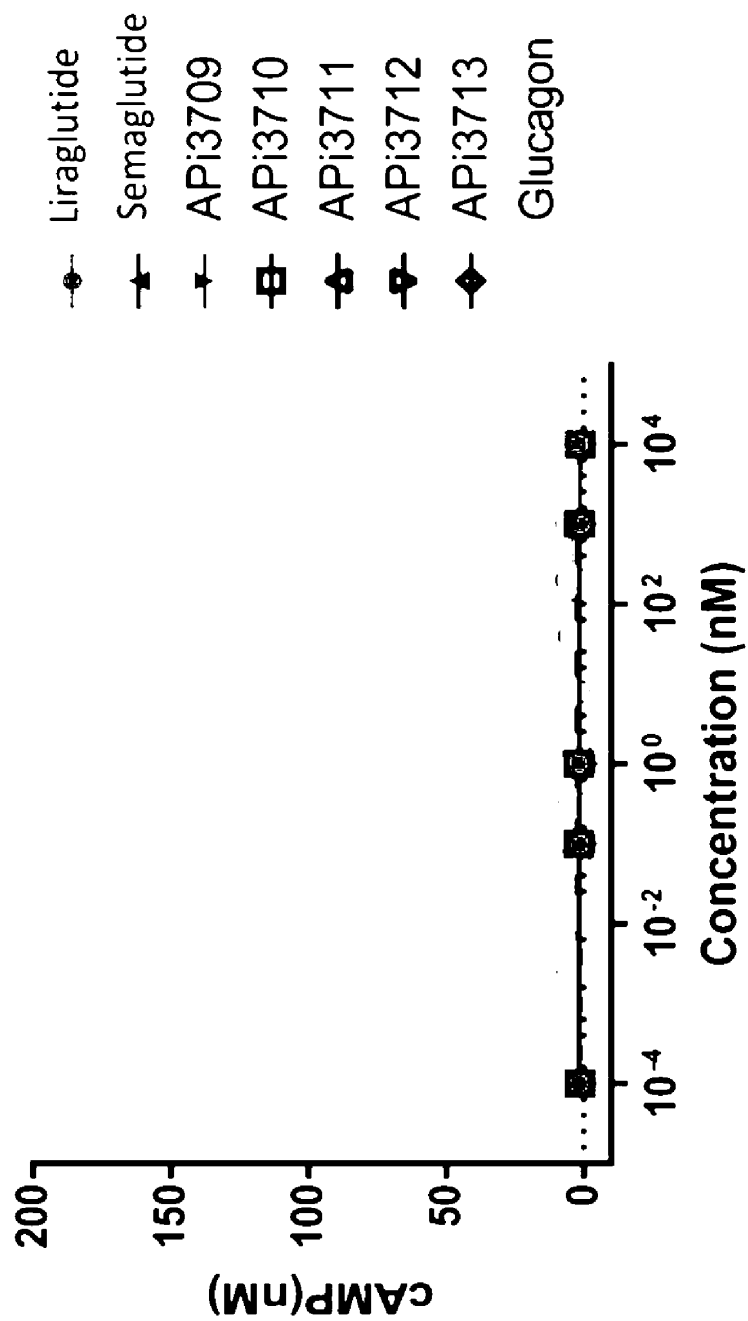


FIG. 9

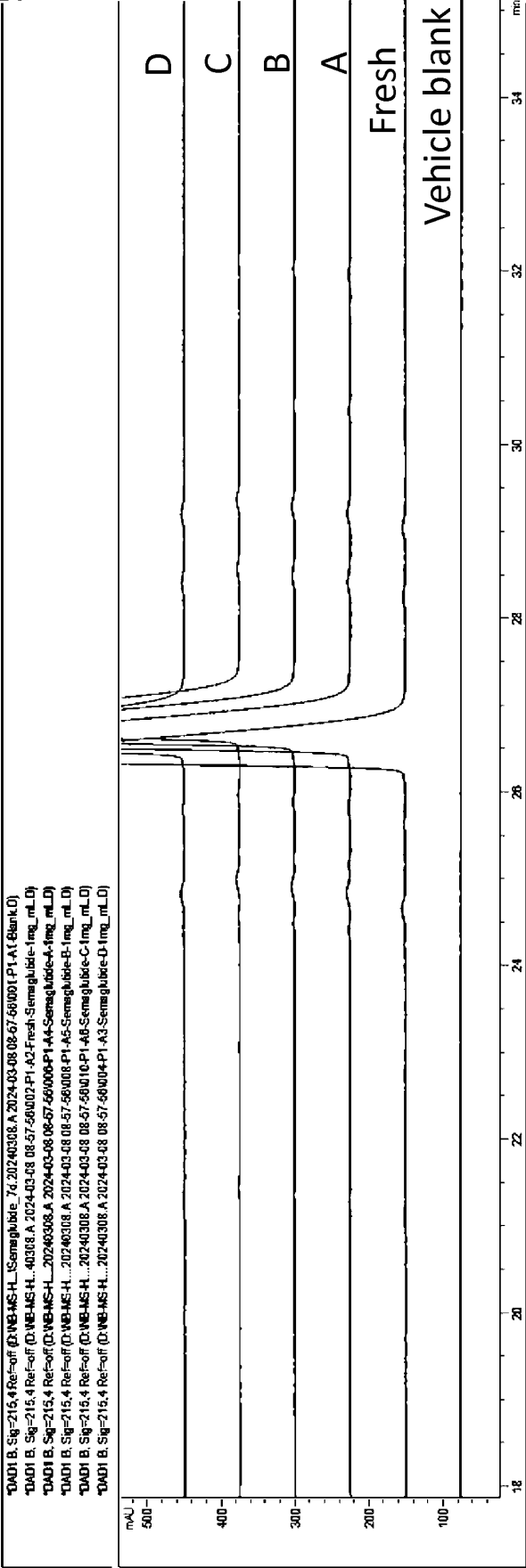


FIG. 10

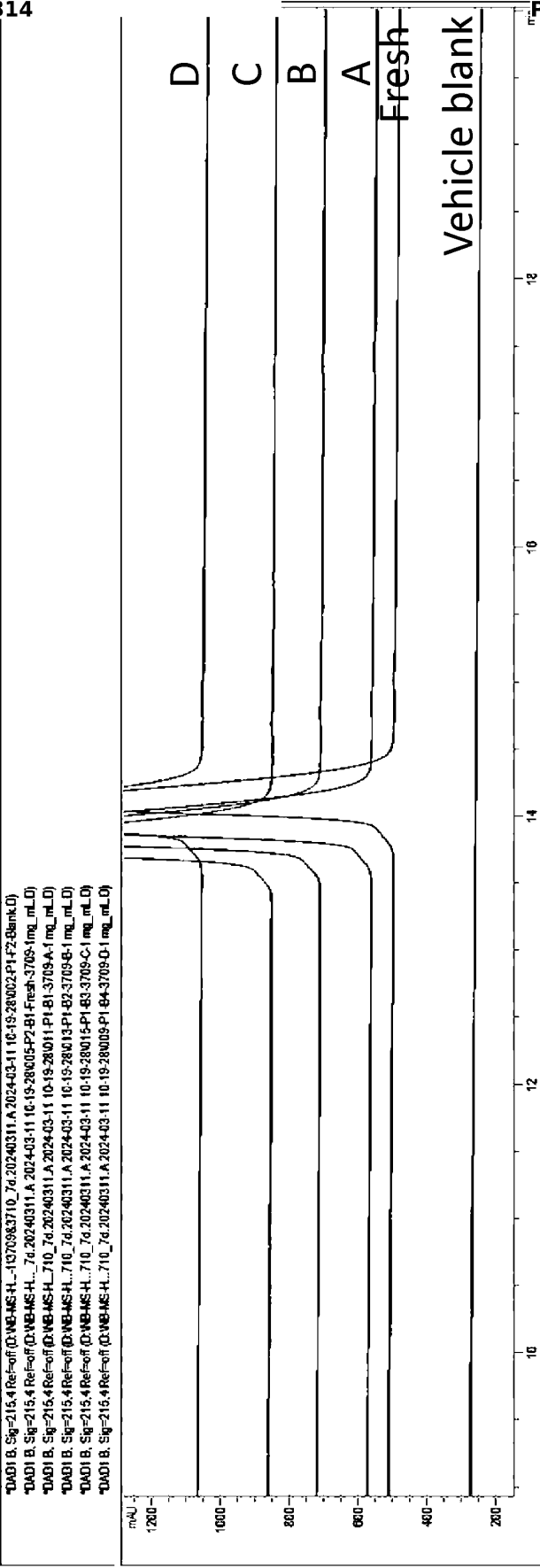


FIG. 11

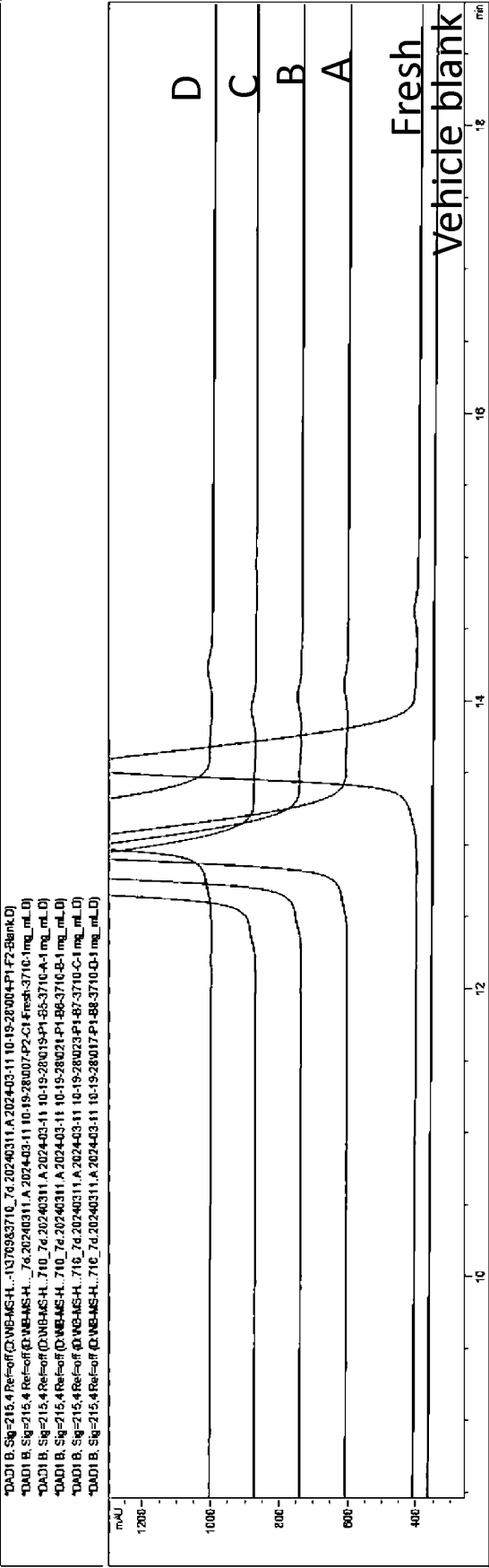


FIG. 12

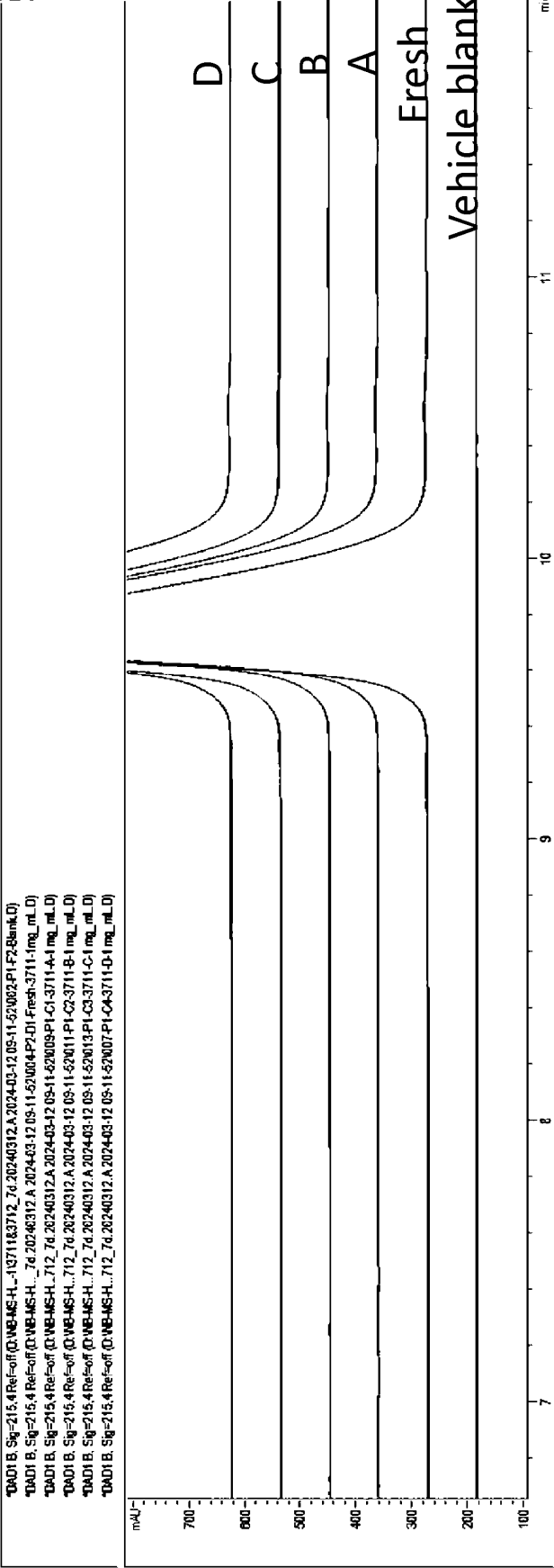


FIG. 13

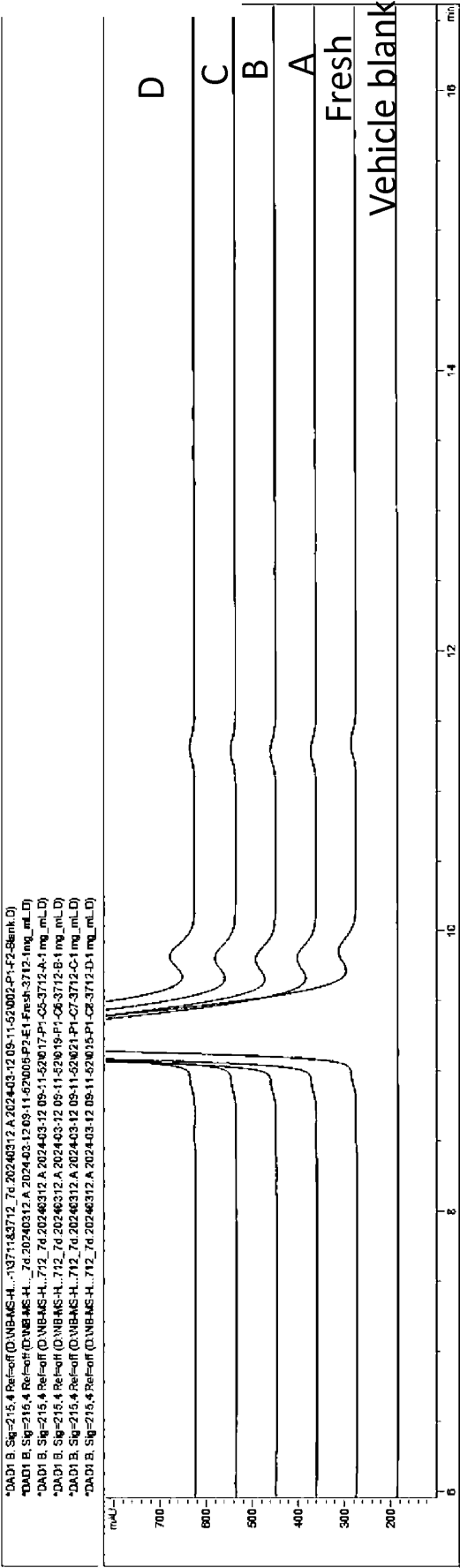


FIG. 14

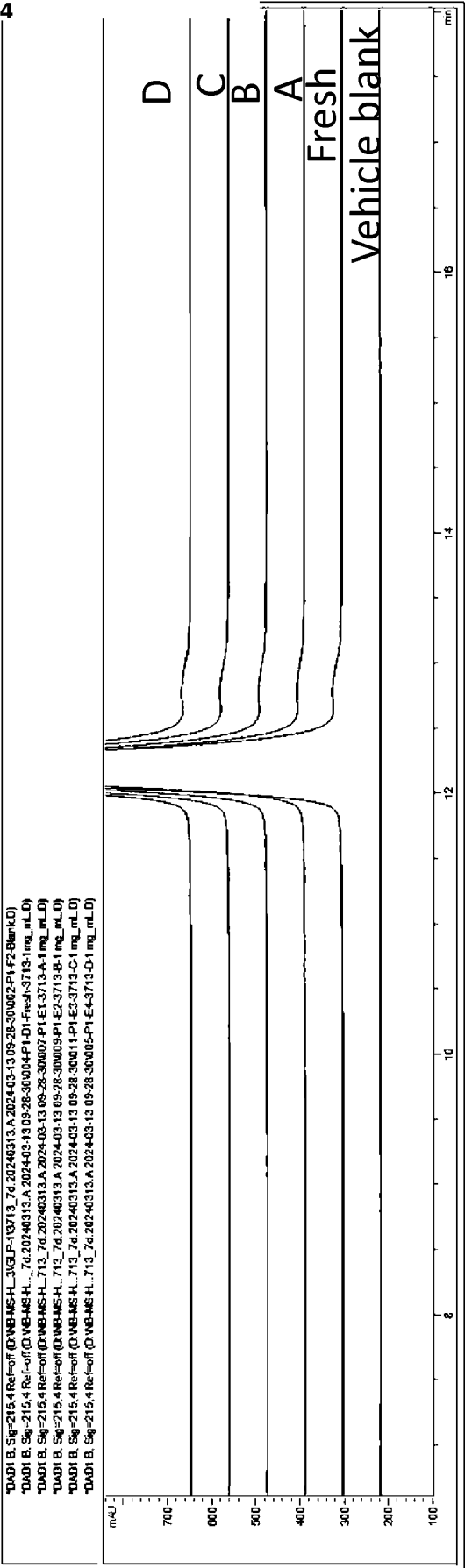


FIG. 15

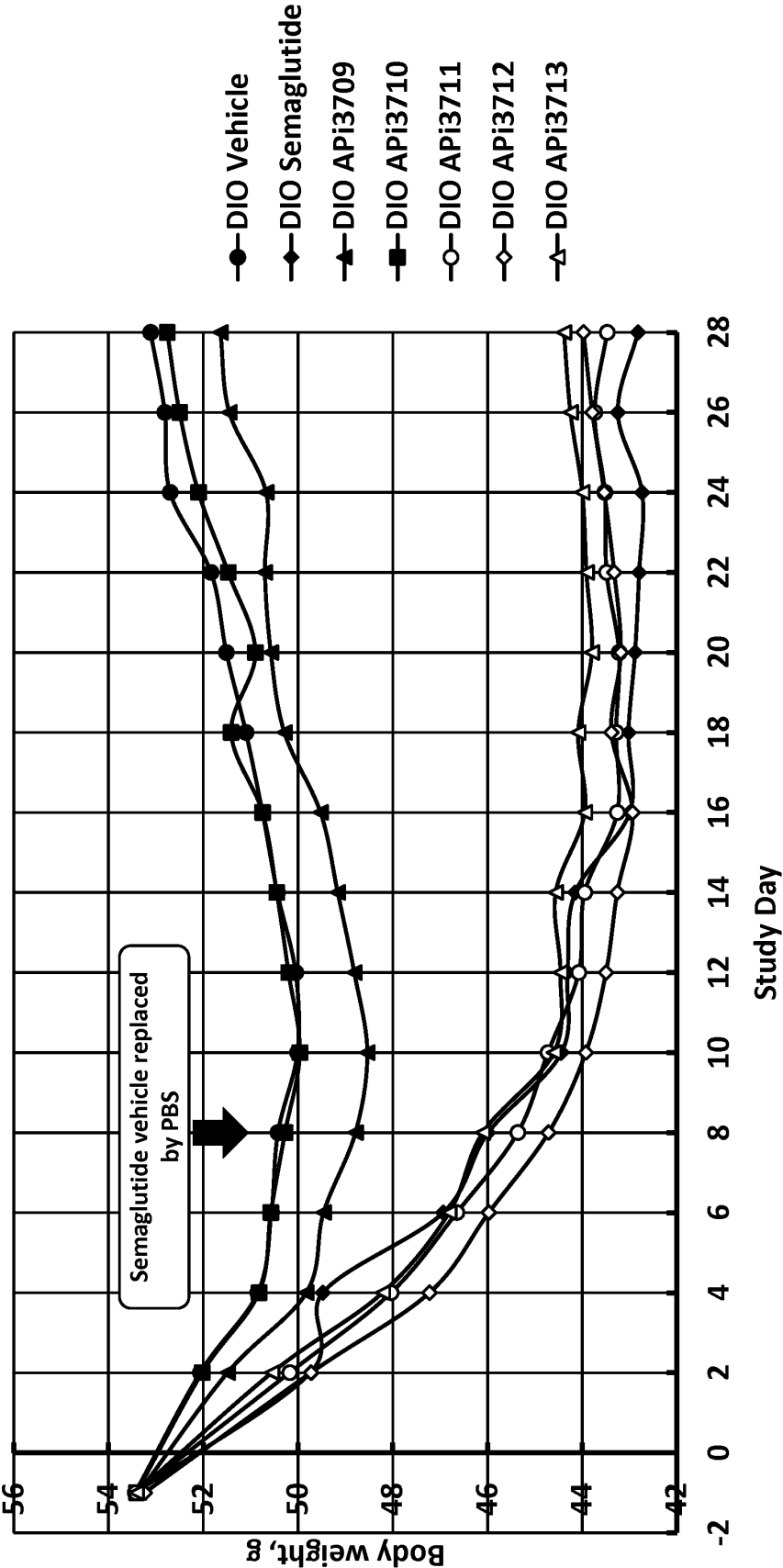


FIG. 16A

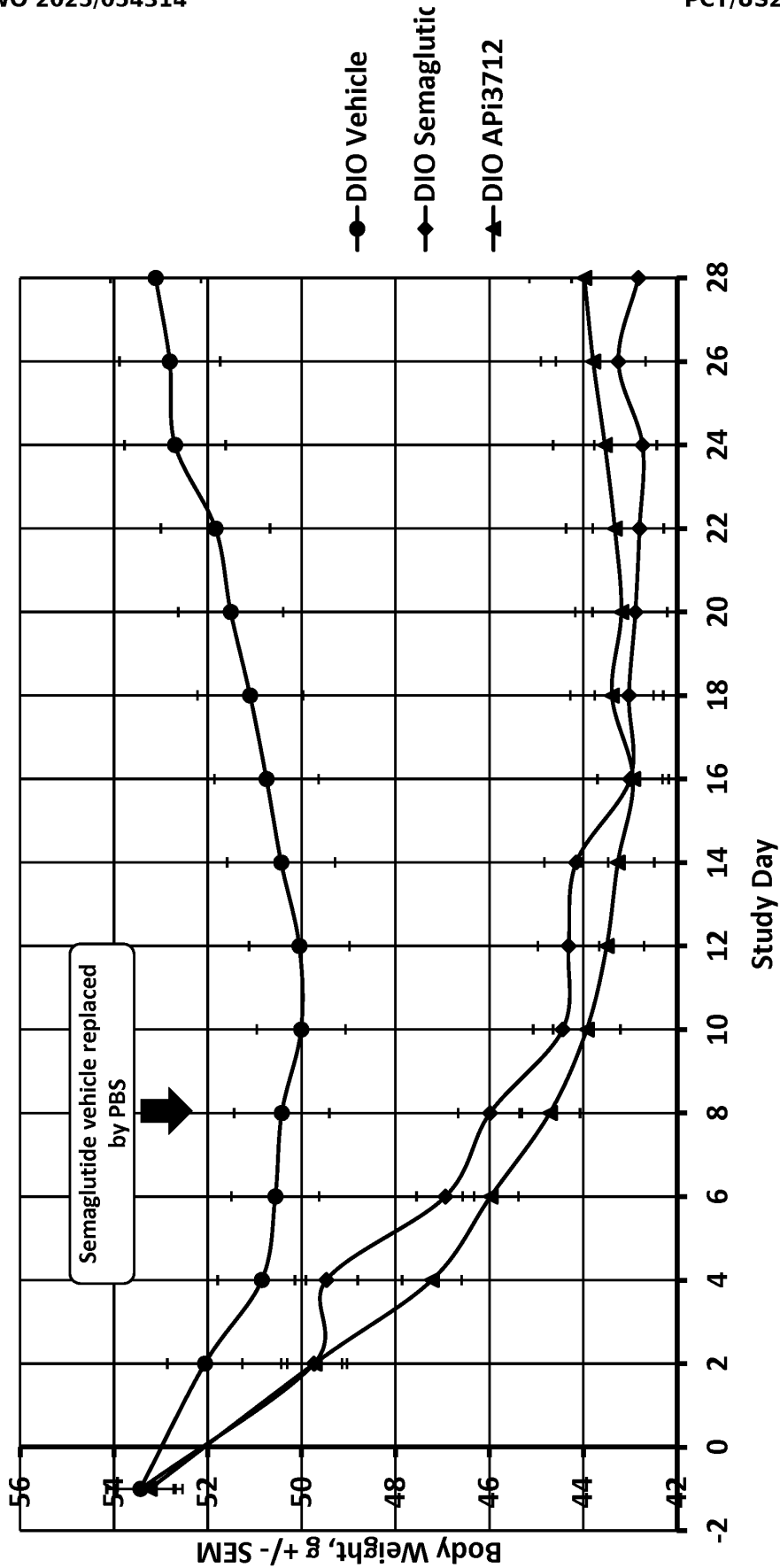


FIG. 16B

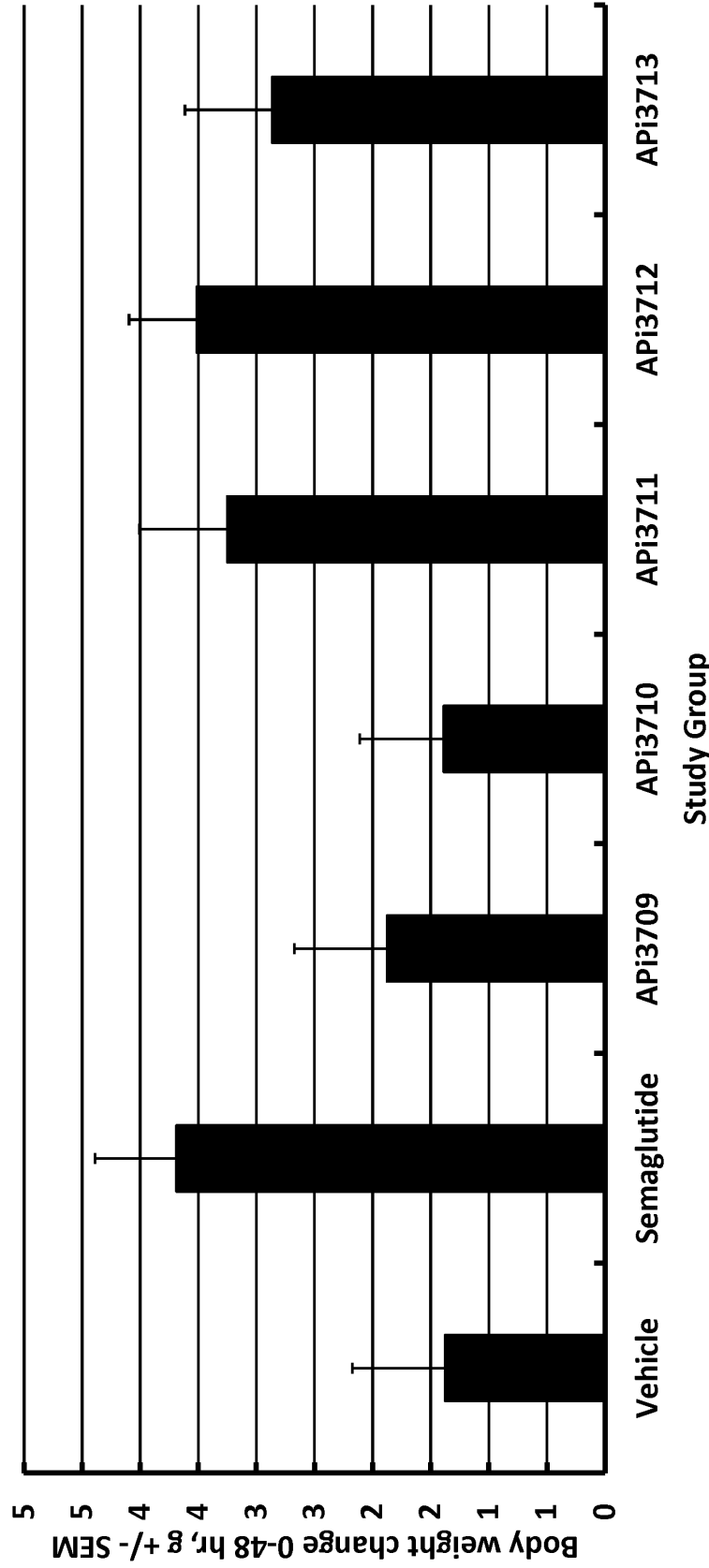


FIG. 17

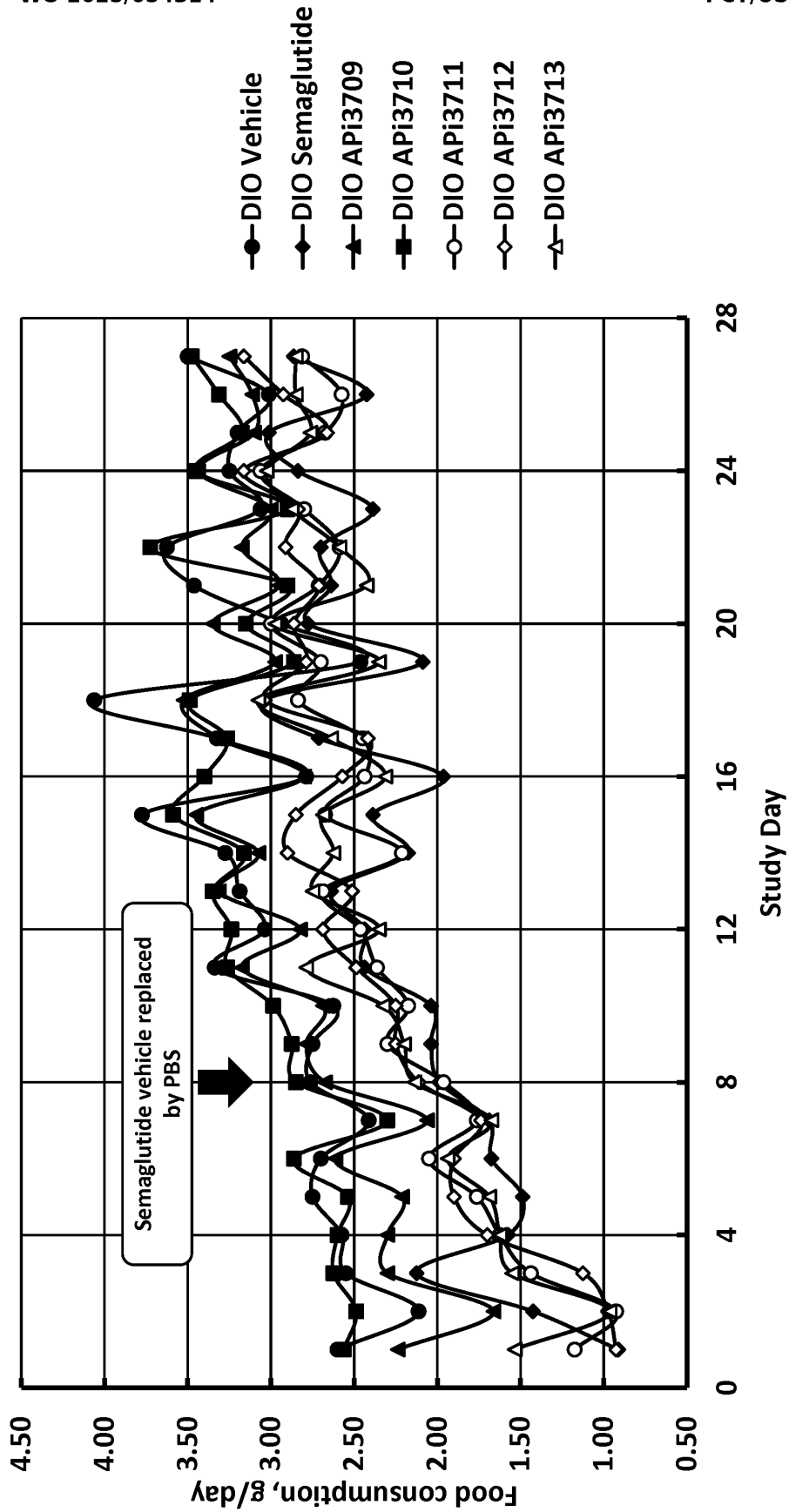


FIG. 18A

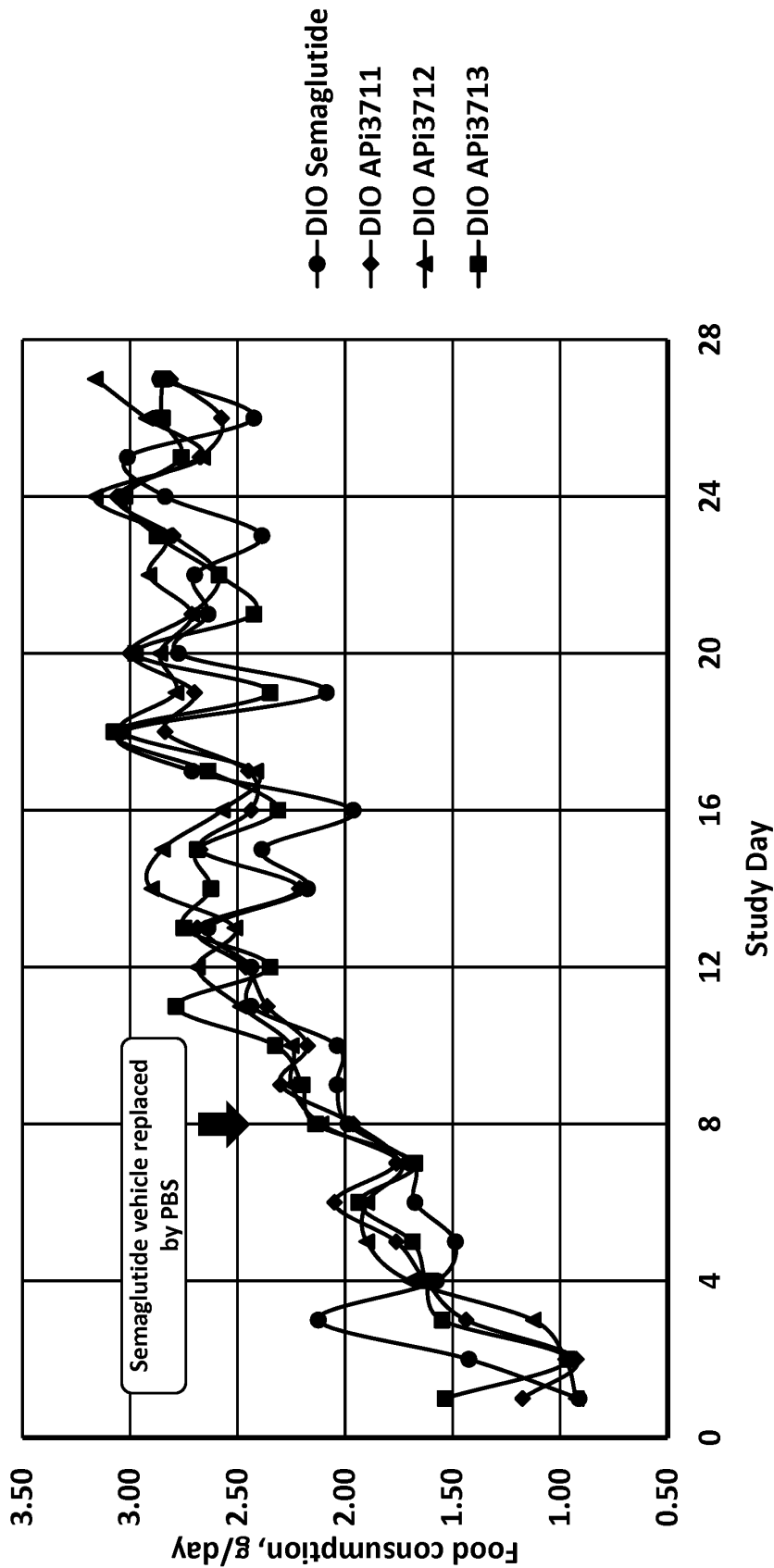


FIG. 18B

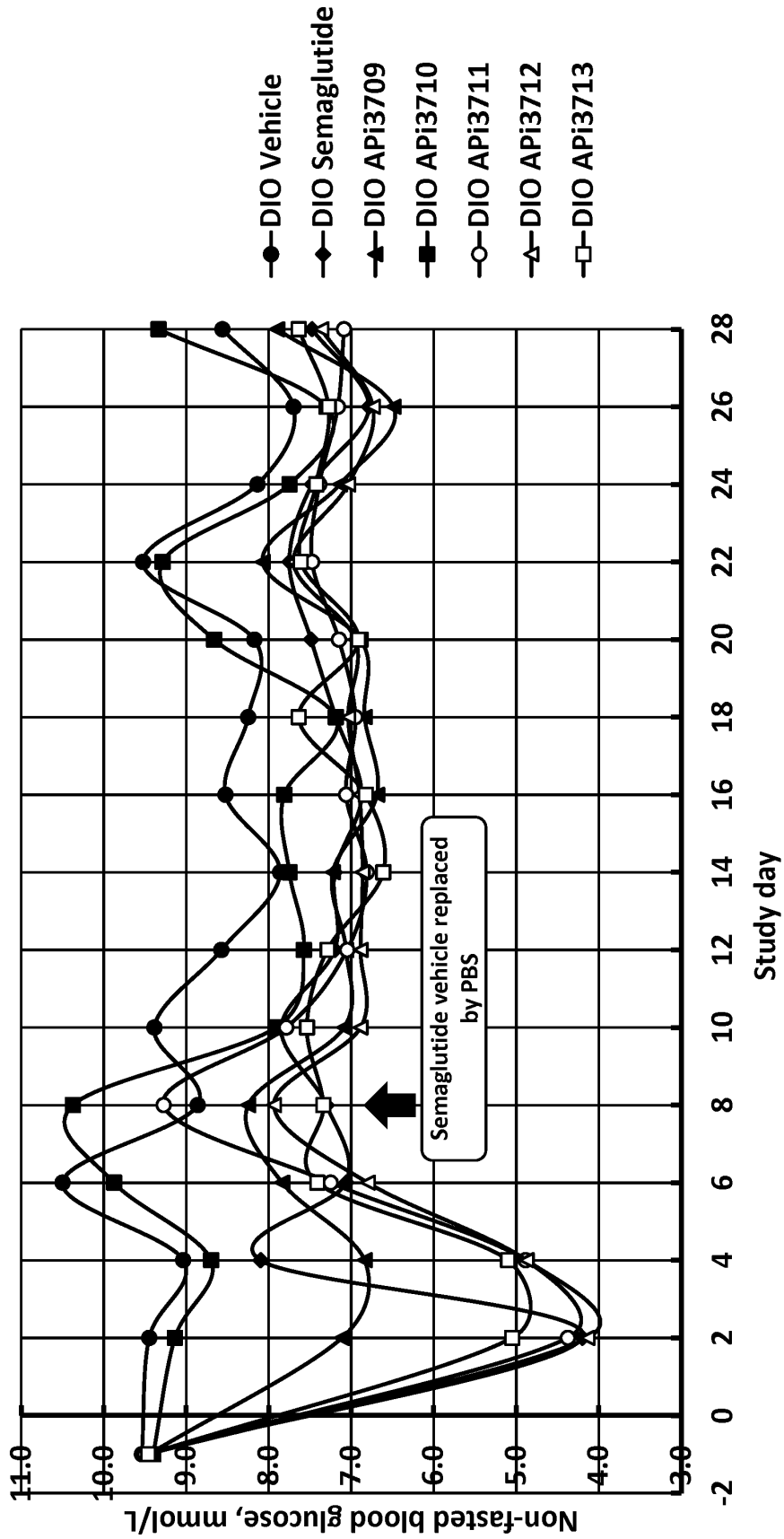


FIG. 19A

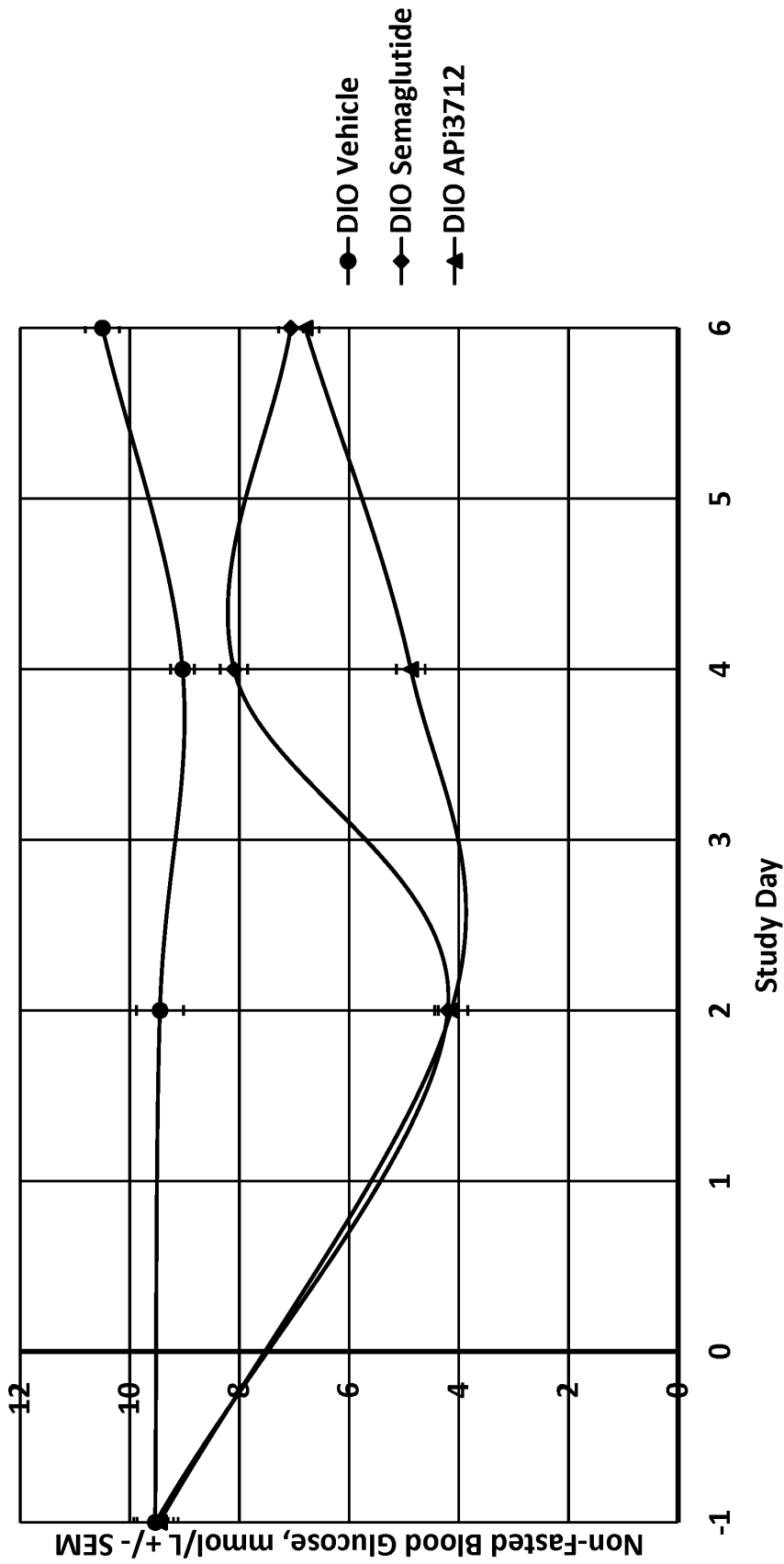


FIG. 19B

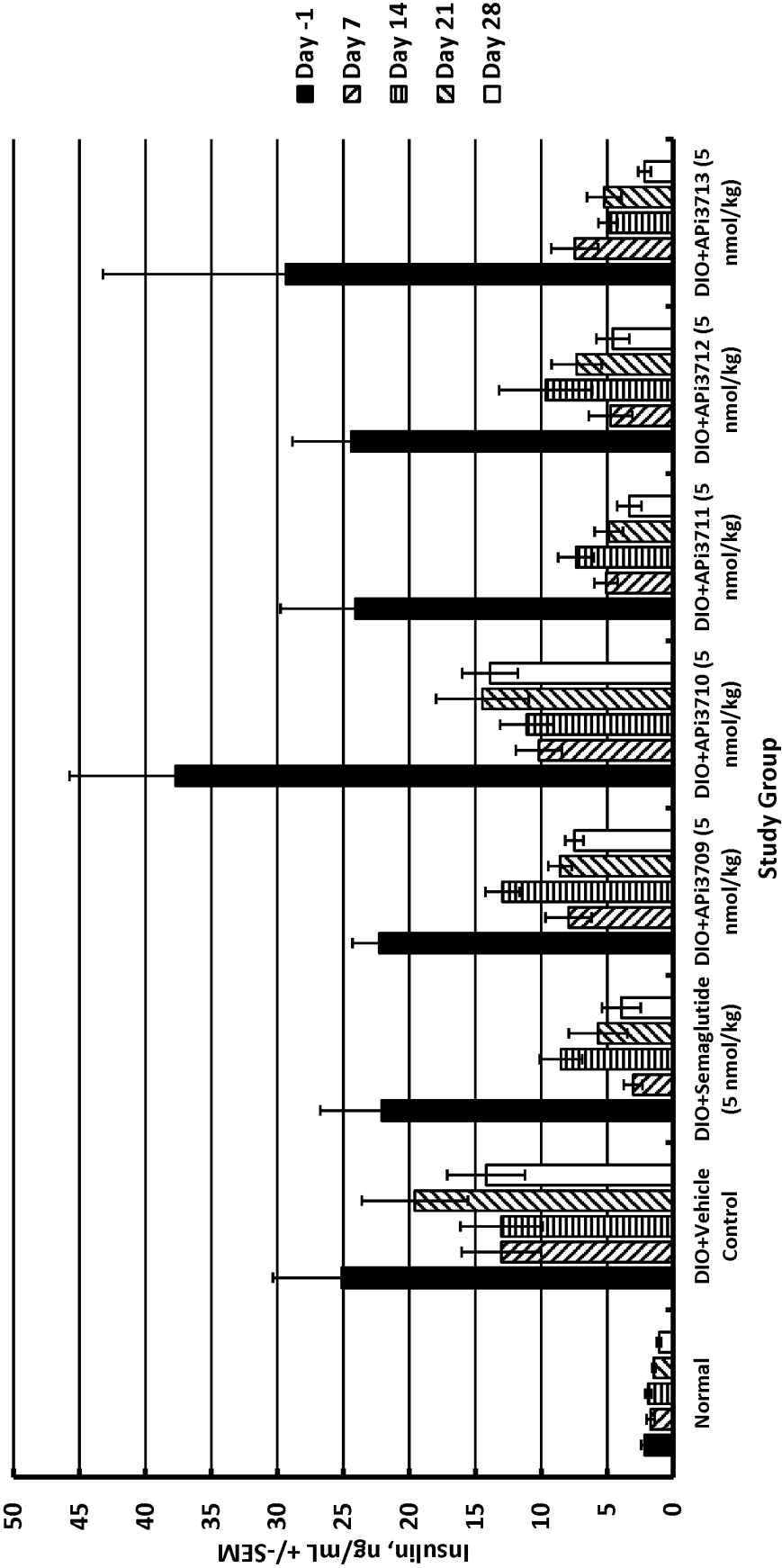


FIG. 20

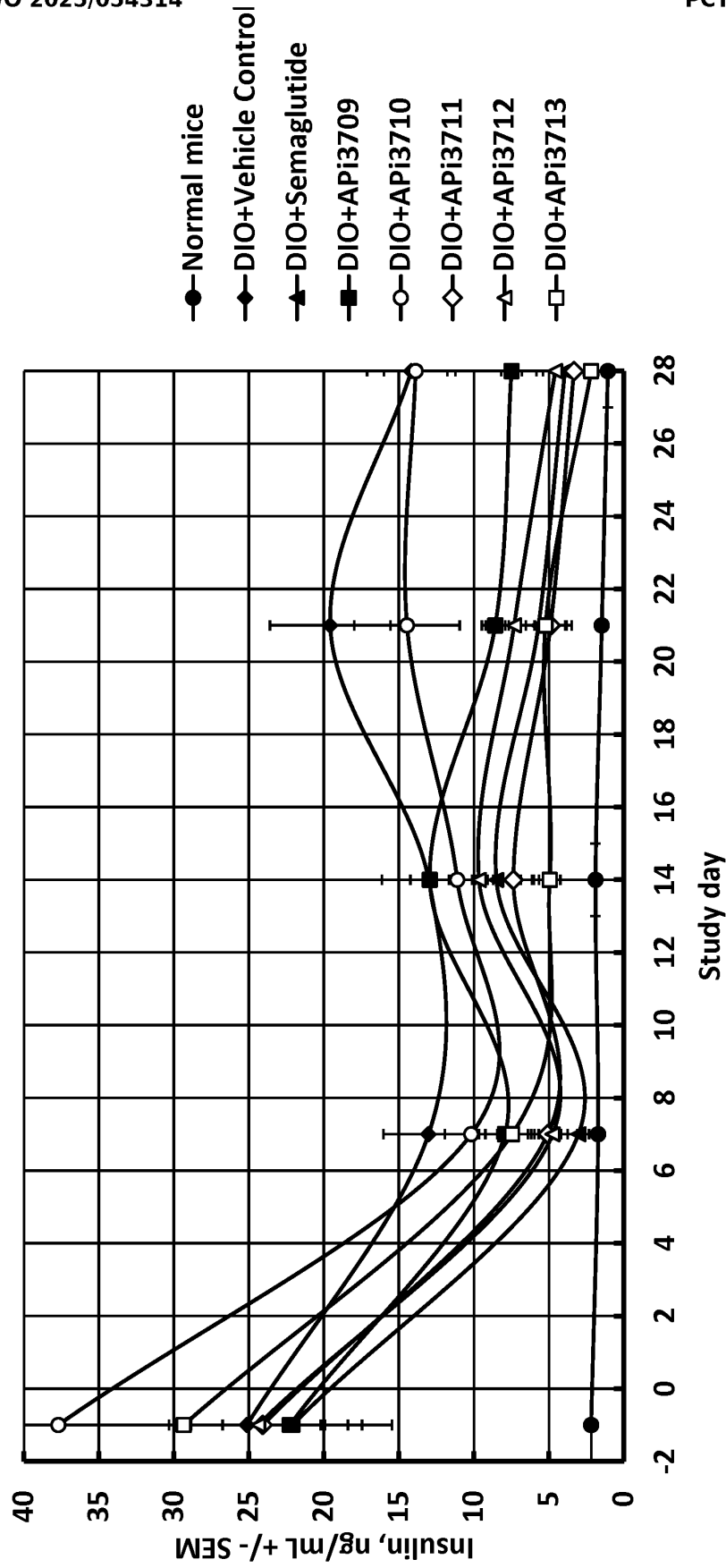


FIG. 21

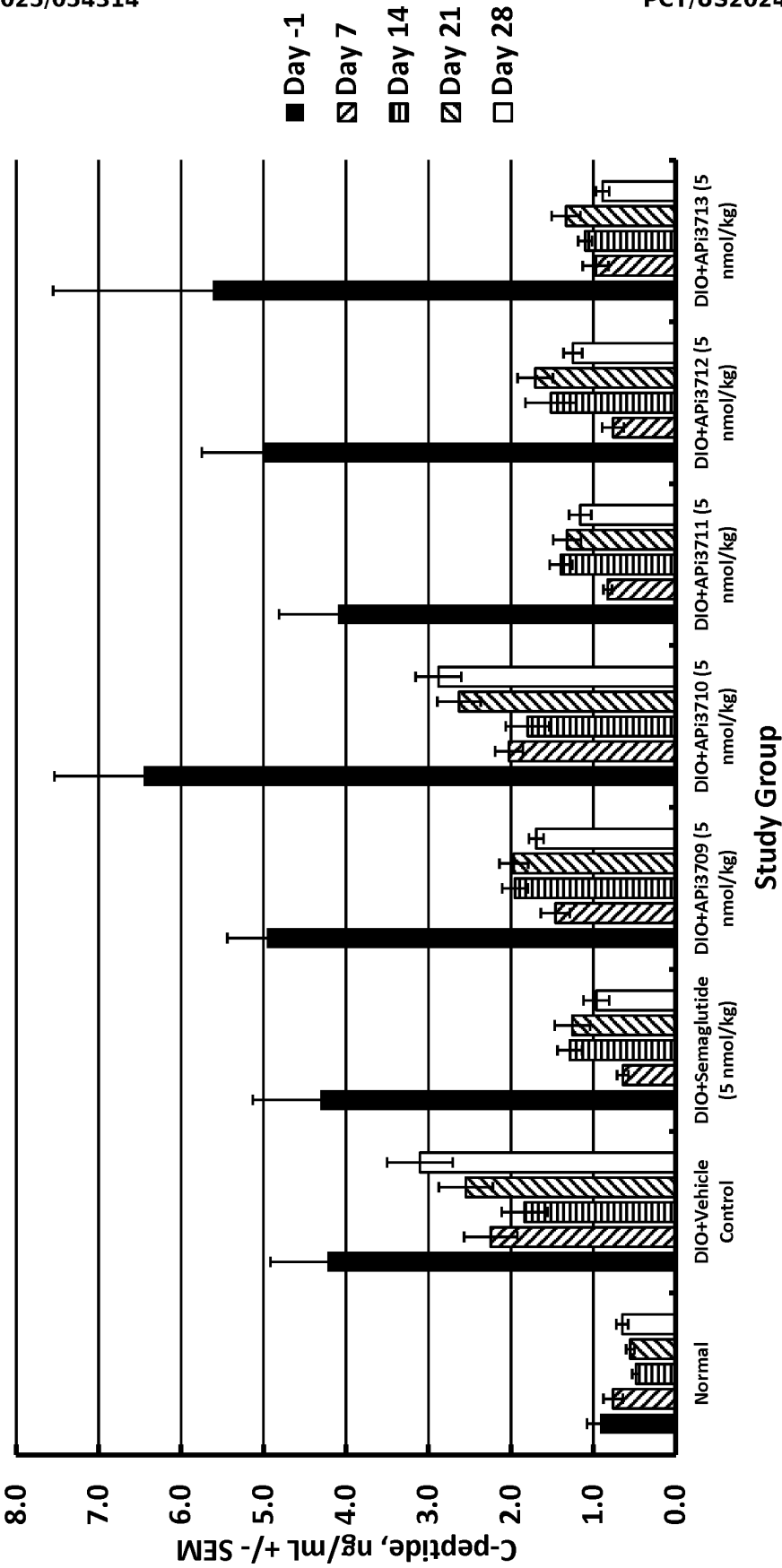


FIG. 22

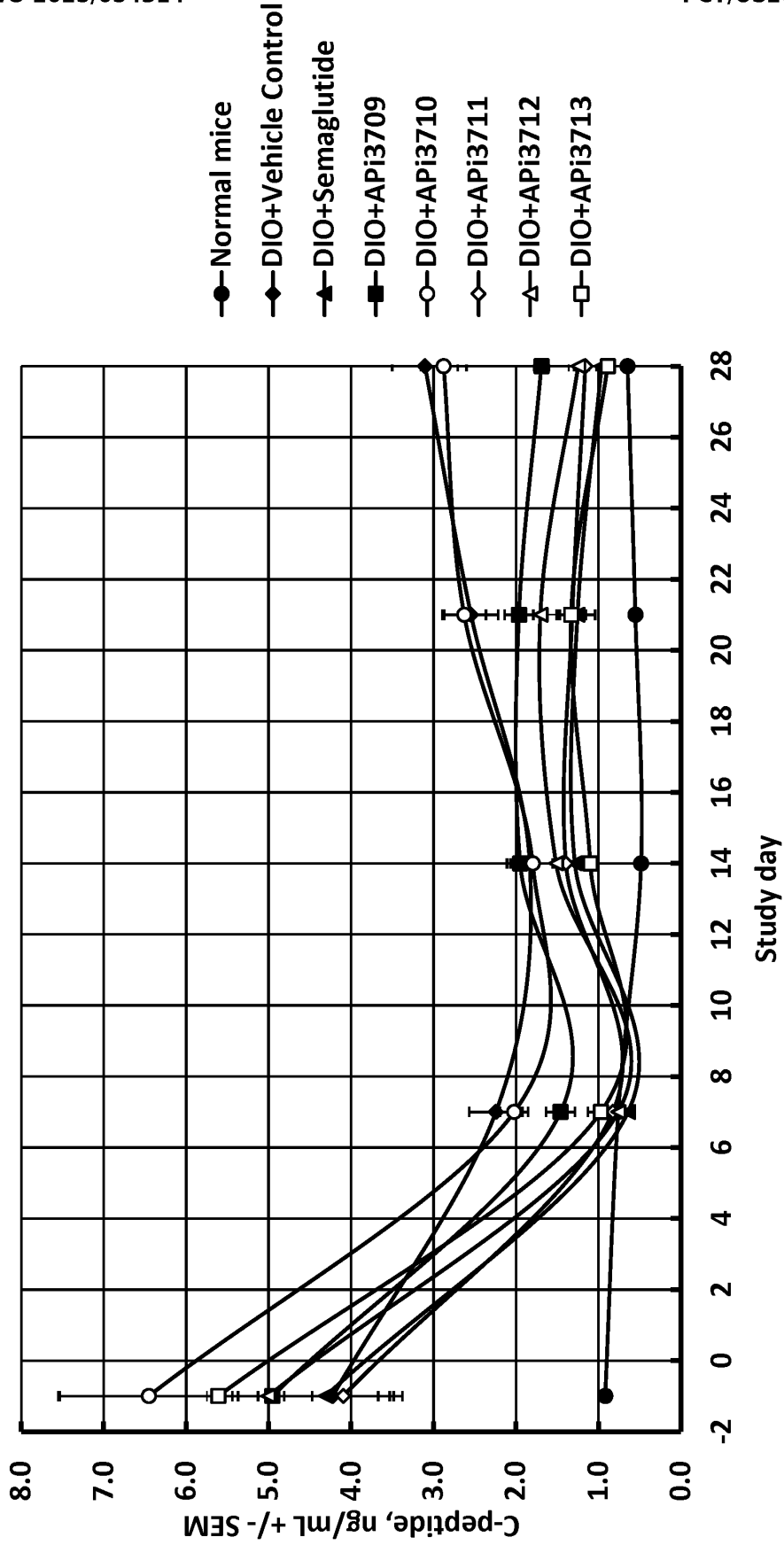


FIG. 23

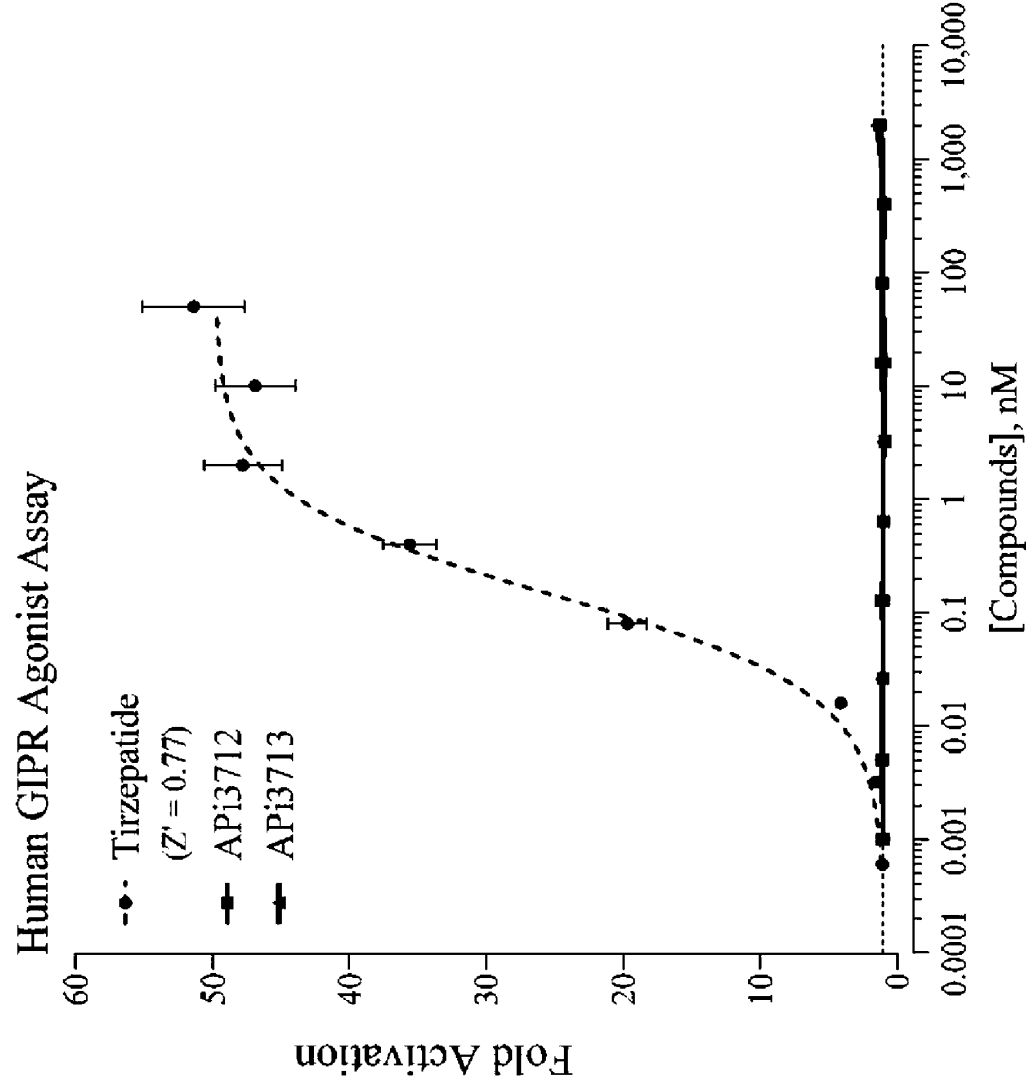


FIG. 24