

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Homo sapiens           | T | Y | L | P | A | V | D | E | K | L | R | D | L | Y | S | K | S | T | A |
| Pan troglodytes        | T | Y | L | P | A | V | D | E | K | L | R | D | L | Y | S | K | S | T | A |
| Macaca fascicularis    | T | Y | L | P | A | V | D | E | K | L | R | D | L | Y | S | K | S | T | A |
| Macaca mulatta         | T | Y | L | P | A | V | D | E | K | L | R | D | L | Y | S | K | S | T | A |
| Papio hamadryas        | T | Y | L | P | A | V | D | E | K | L | R | D | L | Y | S | K | S | T | A |
| Callithrix jacchus     | T | Y | L | H | T | V | D | E | K | L | R | D | M | Y | S | K | S | T | A |
| Mus musculus           | T | Y | P | I | S | M | D | E | K | L | R | D | M | Y | S | K | S | S | A |
| Rattus norvegicus      | T | Y | L | T | S | V | D | E | K | L | R | D | M | Y | S | K | S | S | A |
| Canis lupus familiaris | A | Y | P | T | T | M | D | E | K | I | R | D | I | Y | S | K | S | T | A |
| Bos taurus             | T | Y | L | P | A | V | D | E | K | I | R | D | I | Y | S | K | S | T | A |
| Sus scrofa             | T | Y | L | P | T | V | D | E | K | I | R | D | M | Y | S | K | S | T | A |
| Cavia porcellus        | T | Y | L | P | A | V | D | E | T | I | R | D | I | Y | S | K | G | S | A |

FIG. 1

Native apoC-II  
(amino acid residues 40-57):  
TYLP~~A~~VD~~E~~EKLRLDLYSKST

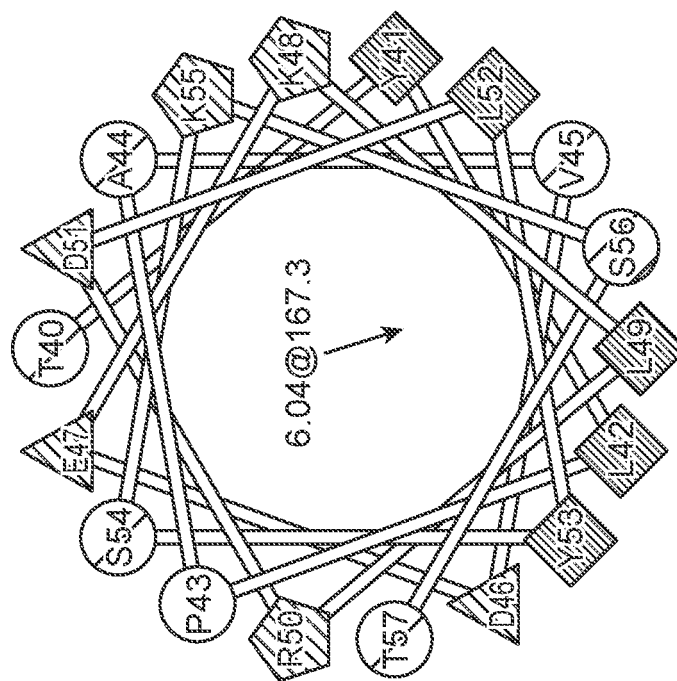


FIG. 2A

Delta4': DYLKAVFEKLRLDLYSKFT

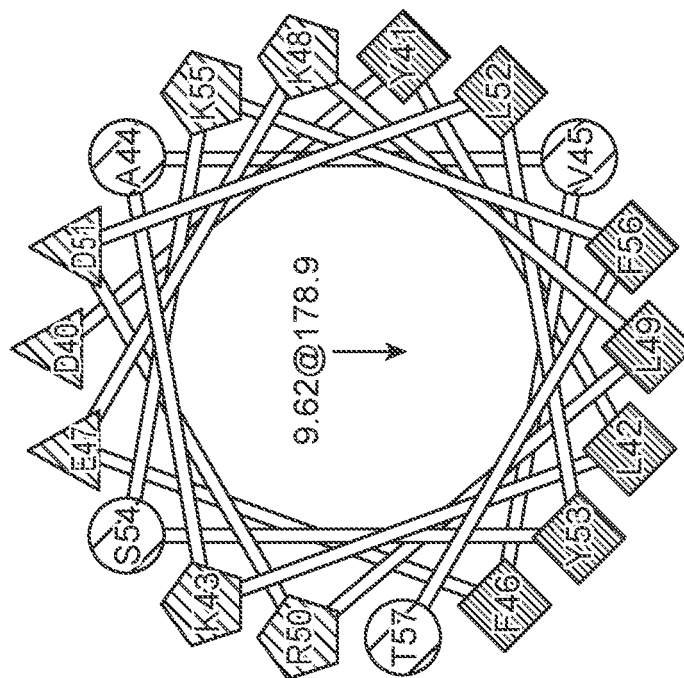


FIG. 2B



Native apoC-II  
(amino acid residues 40-57):  
TYLP~~A~~VD~~E~~KLRDLYSKST

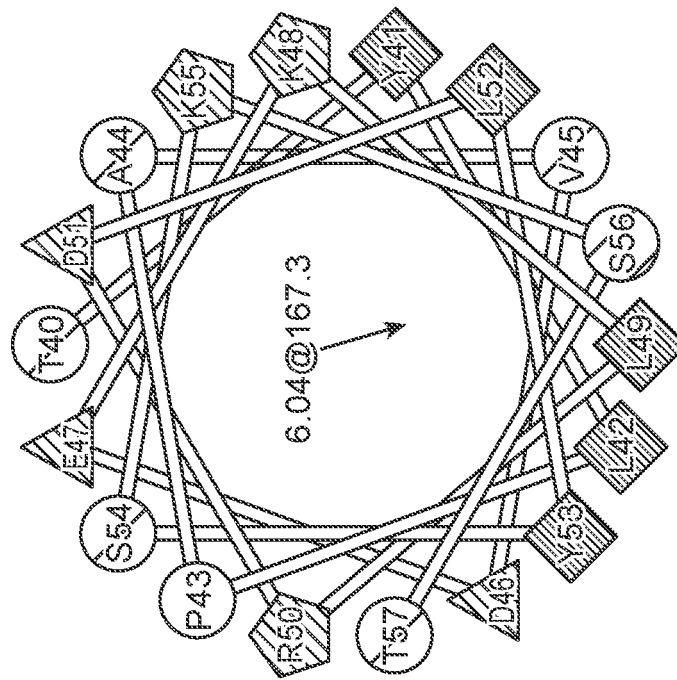


FIG. 4A

Delta6': DYLK~~E~~VFEKLRDLYEKFT

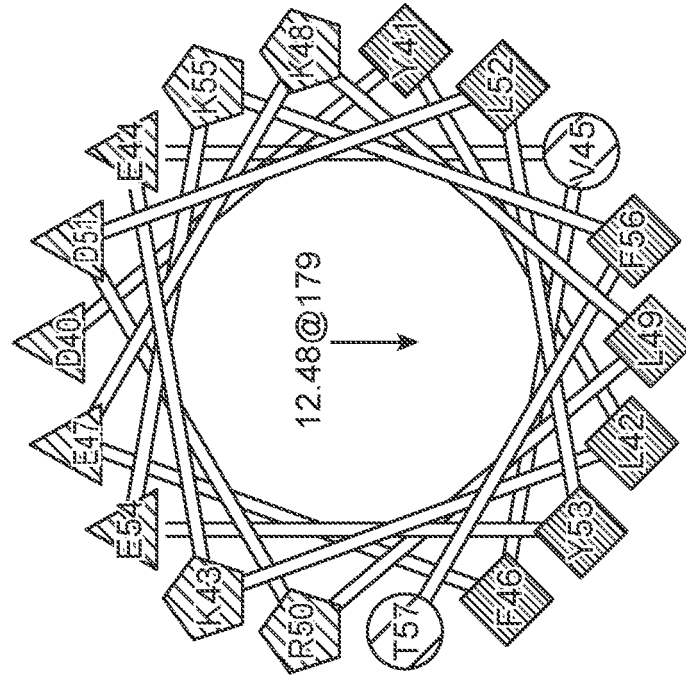


FIG. 4B

Delta4': DYLD~~AV~~WEKLRDLYSKFT

mono-acyl-Delta4': DYLD<sup>(C18)</sup>AVWEKLRDLYSKFT

di-acyl-Delta4': DYLD<sup>(C18)</sup>AVWEKLRDLYSKFT<sup>(C18)</sup>

FIG. 5

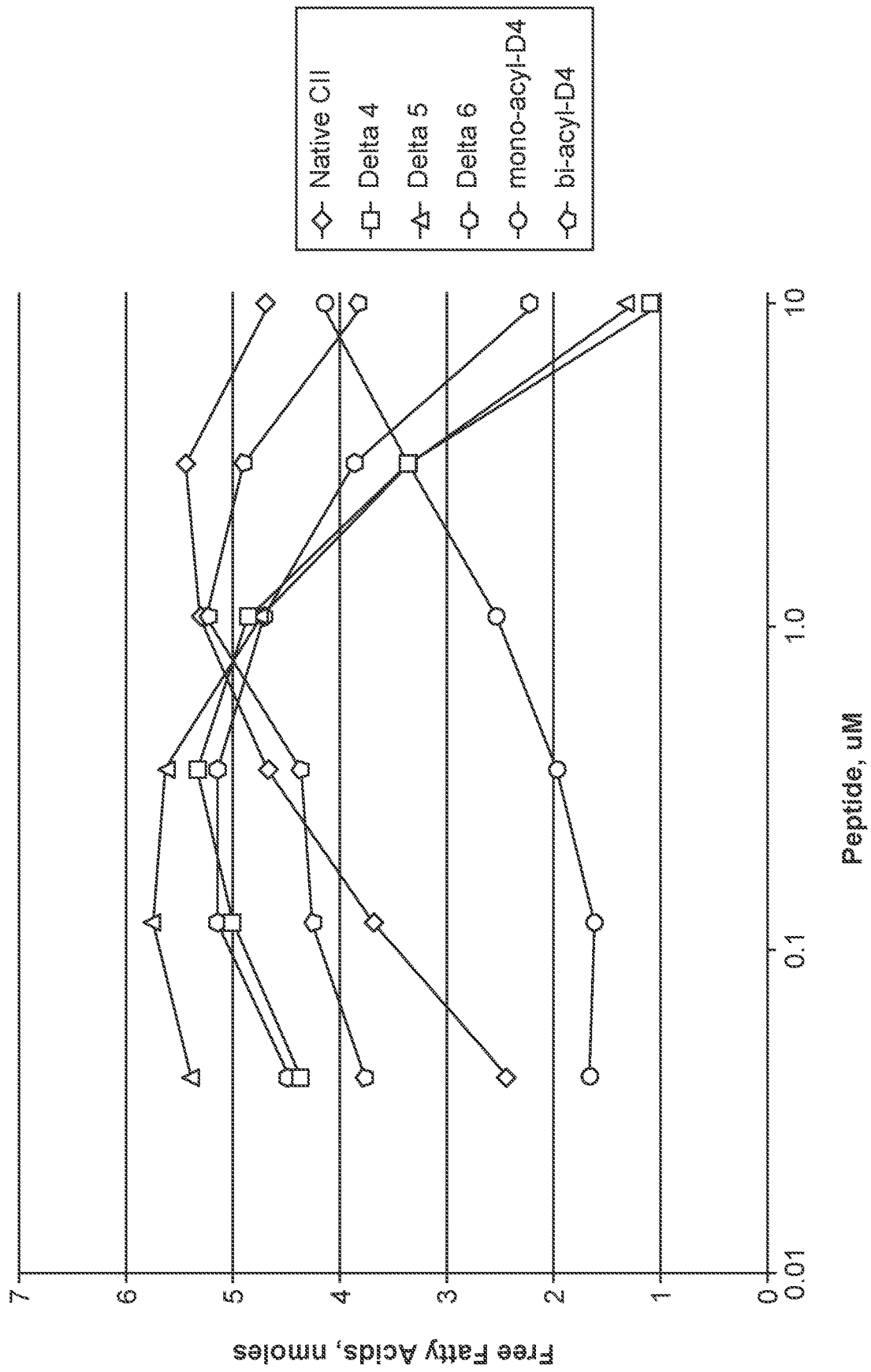


FIG. 6

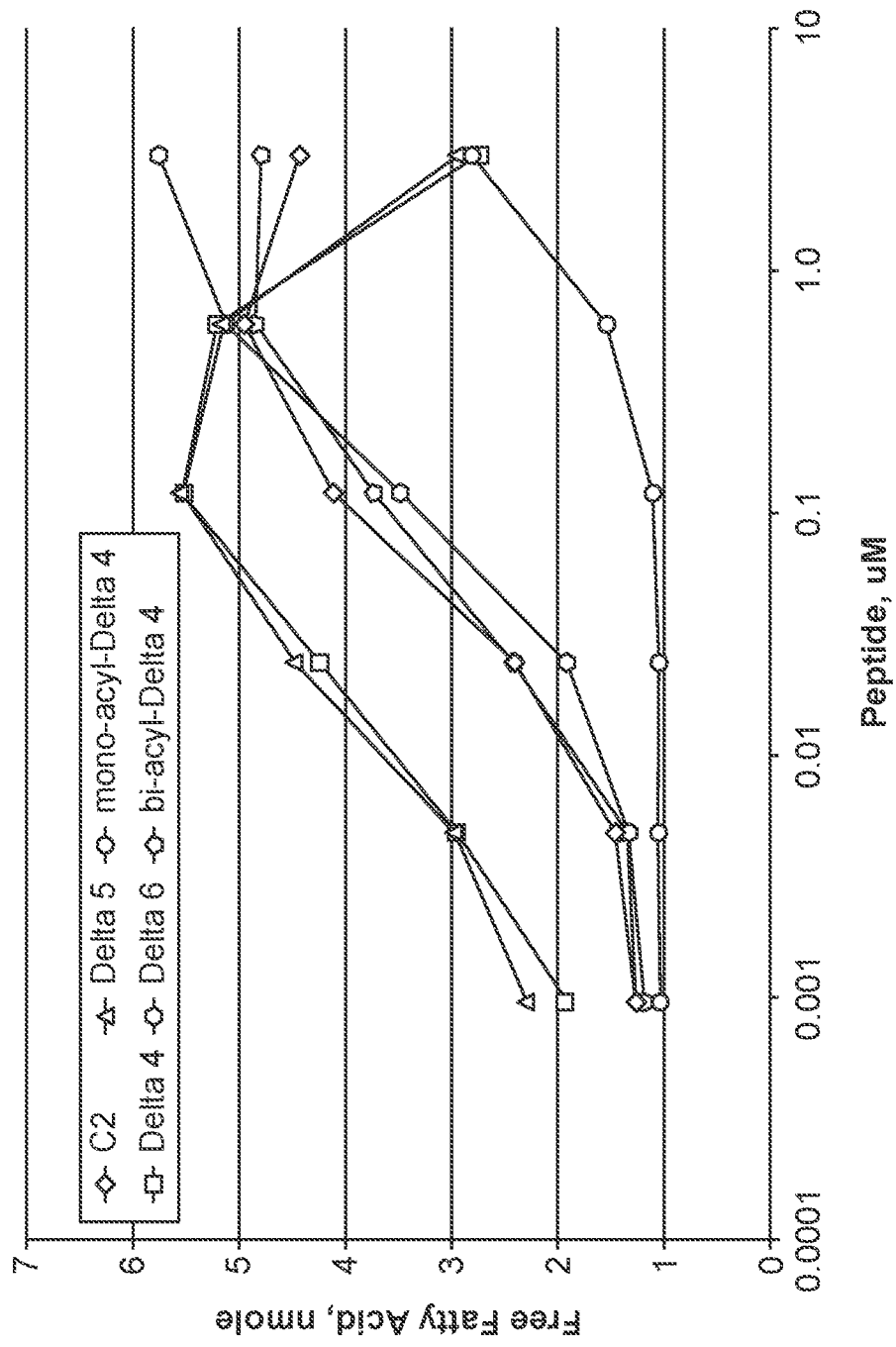


FIG. 7

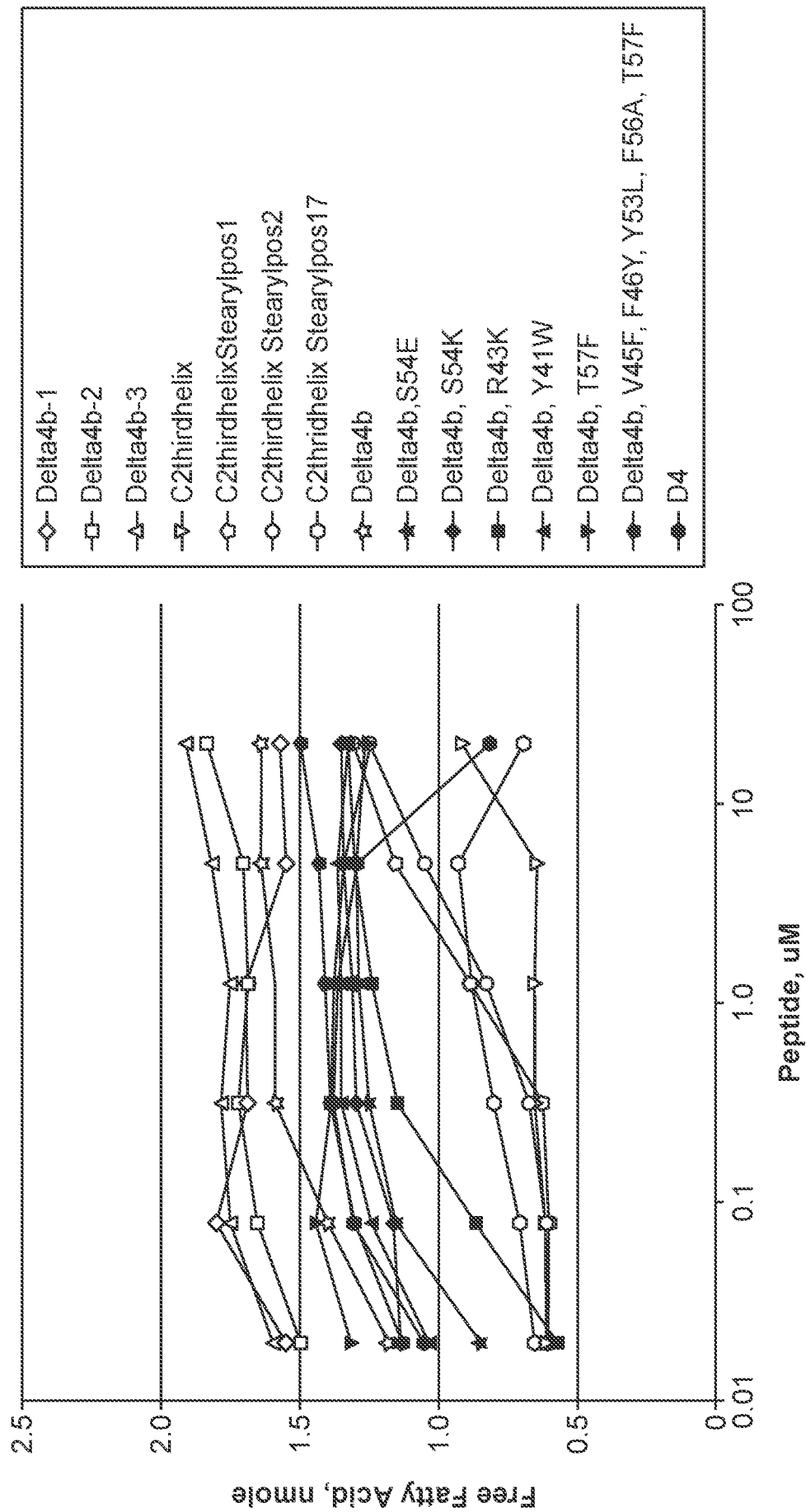


FIG. 8

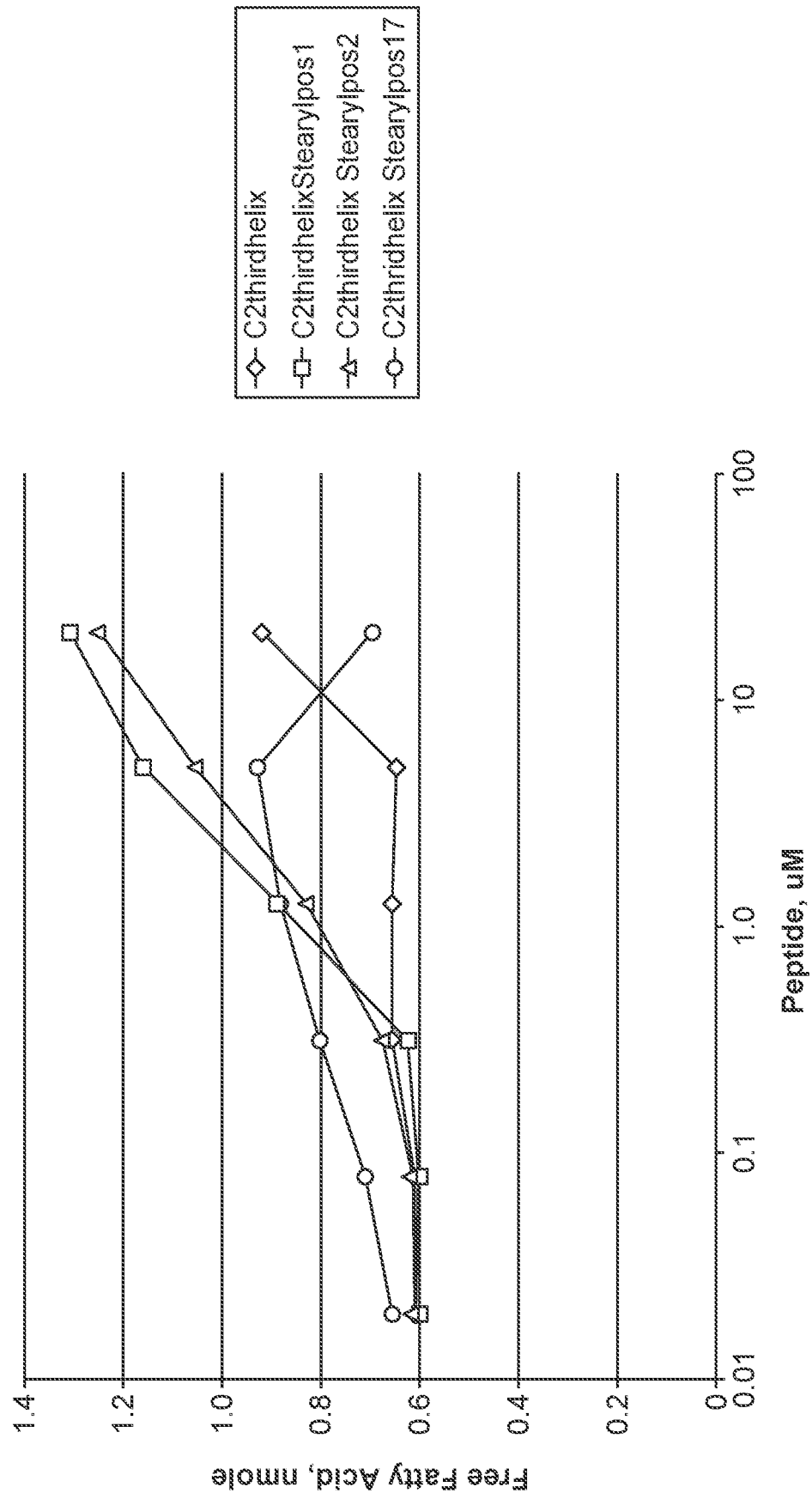


FIG. 9

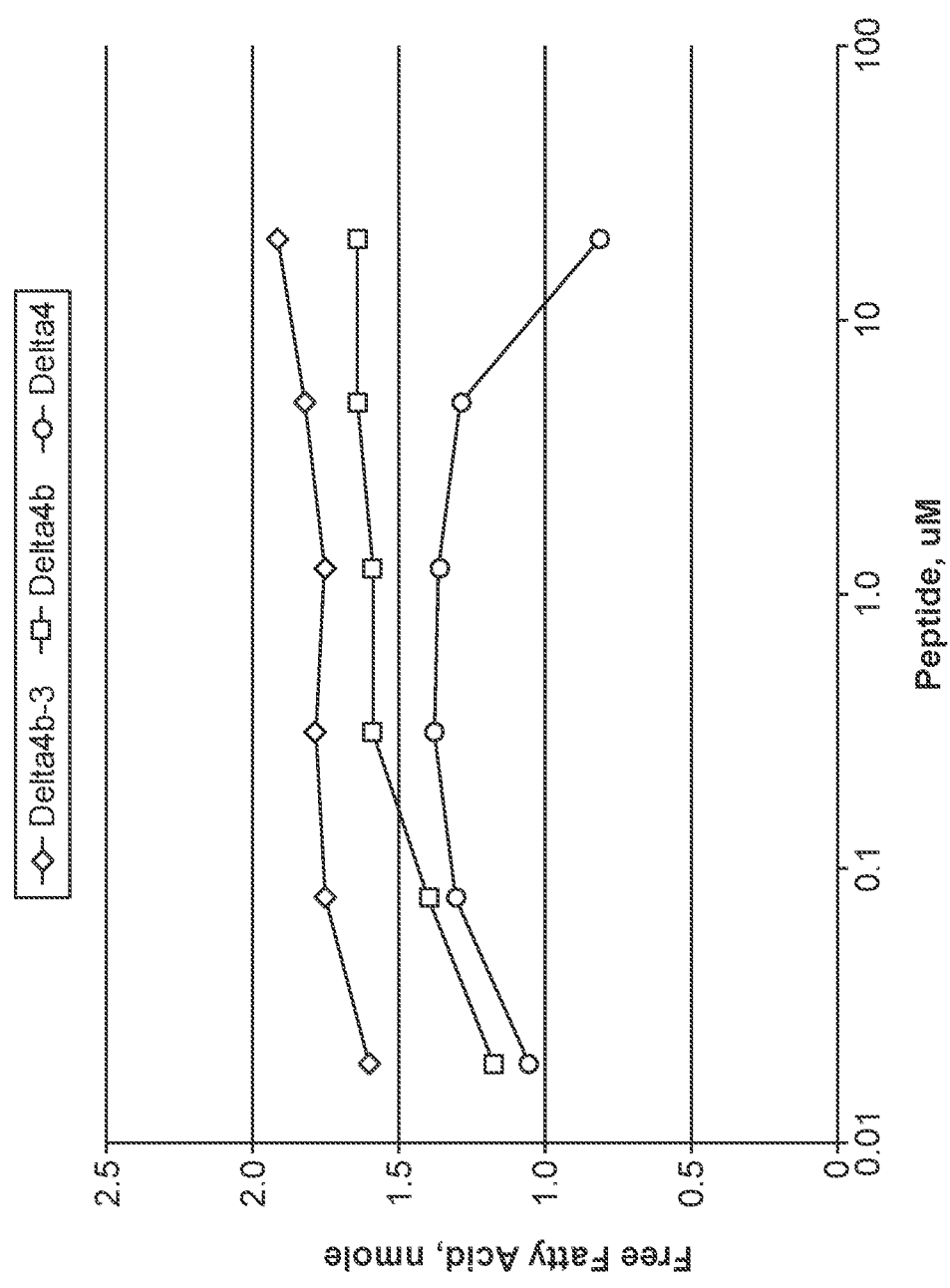


FIG. 10

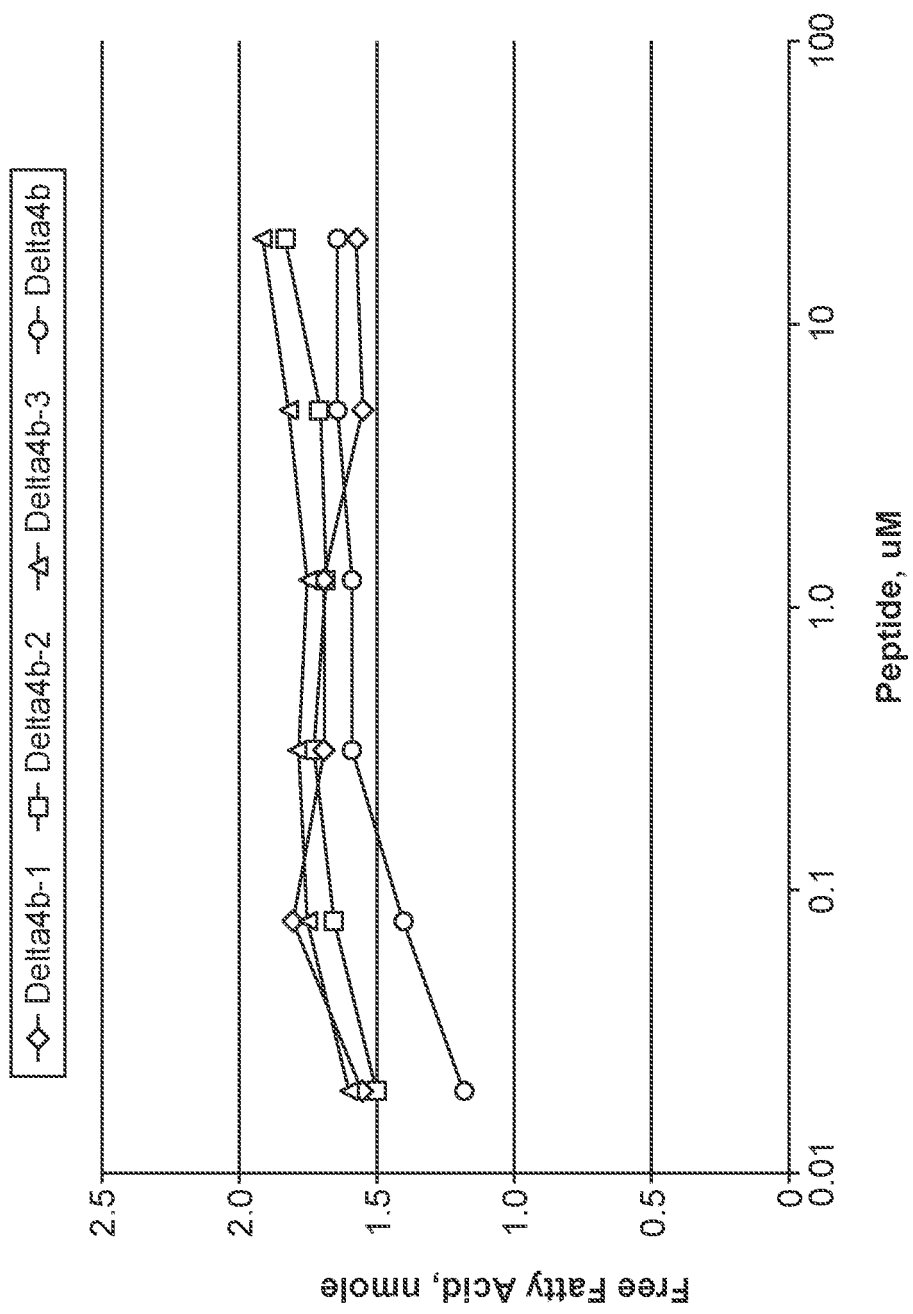


FIG. 11

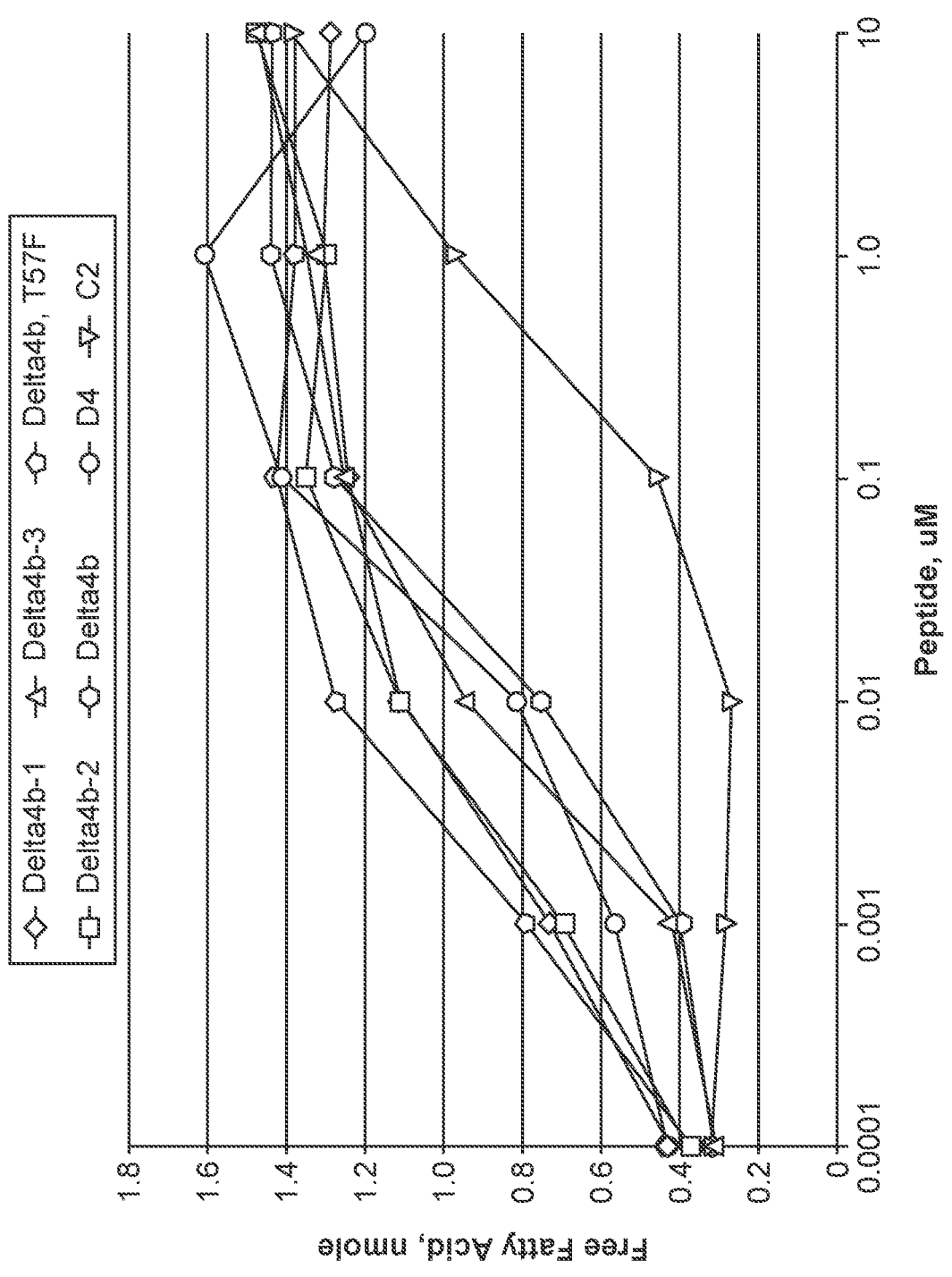


FIG. 12

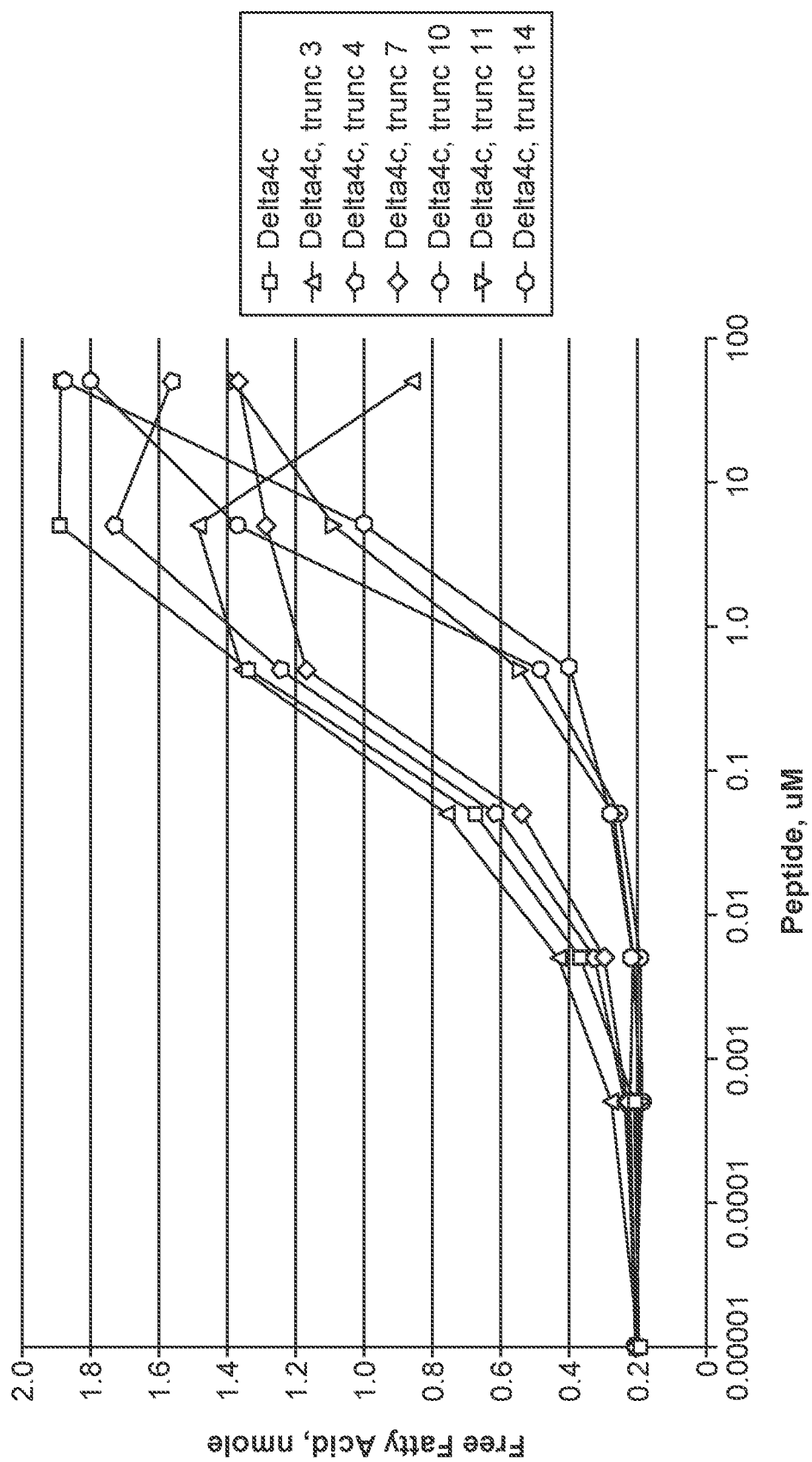


FIG. 13

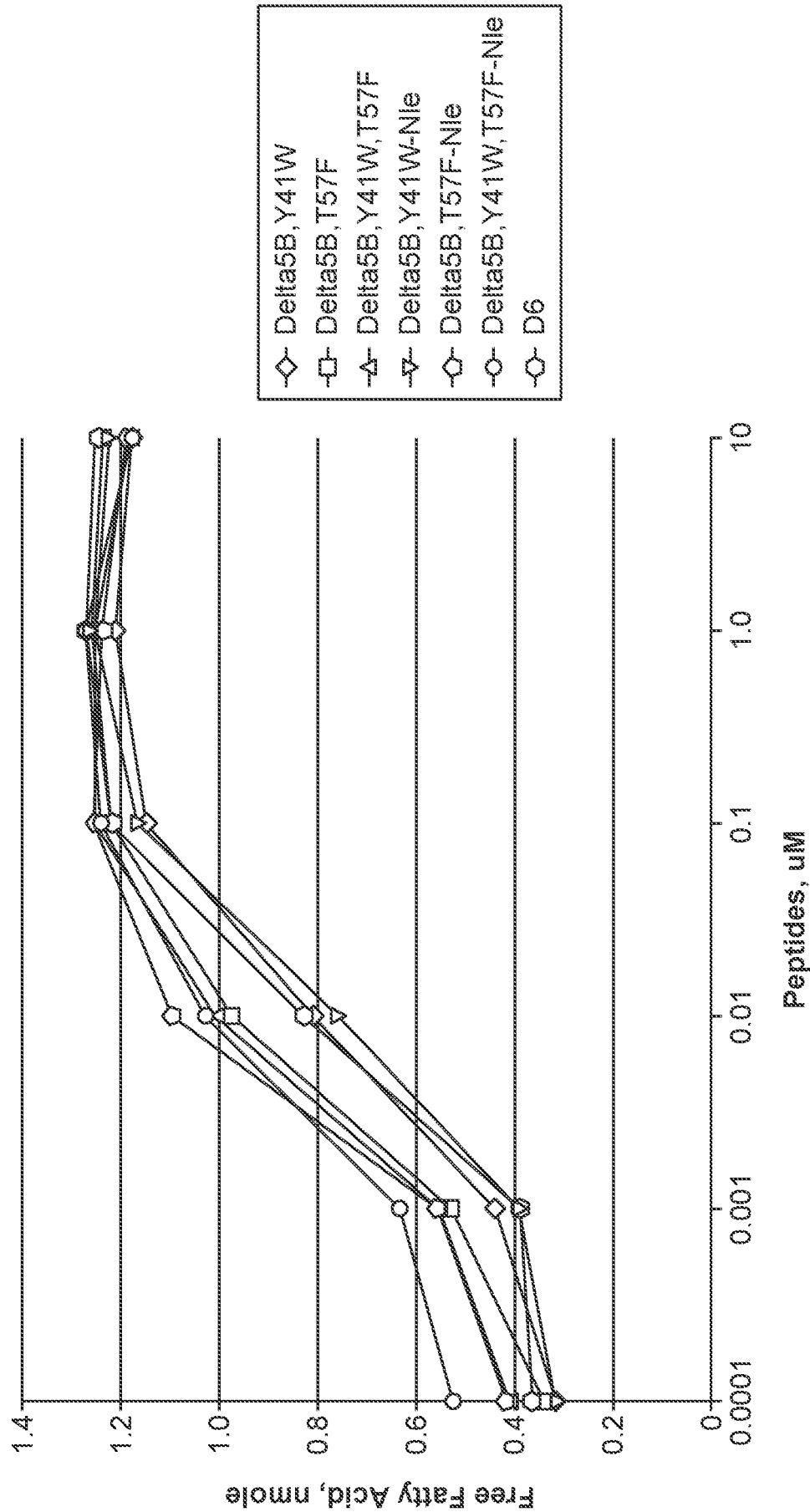


FIG. 14

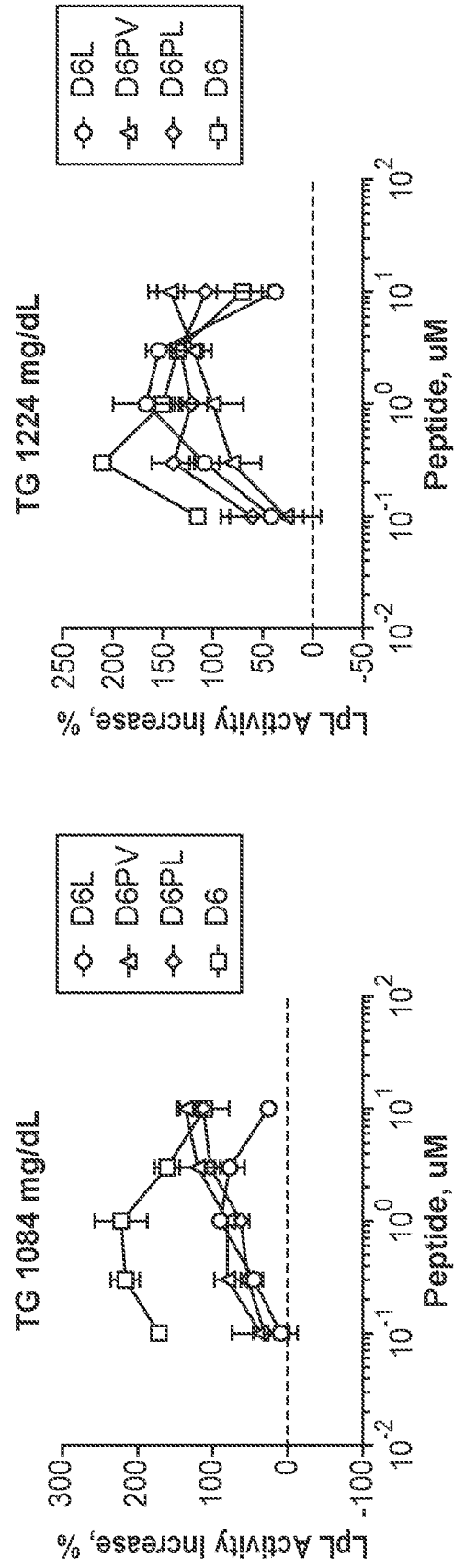


FIG. 15A

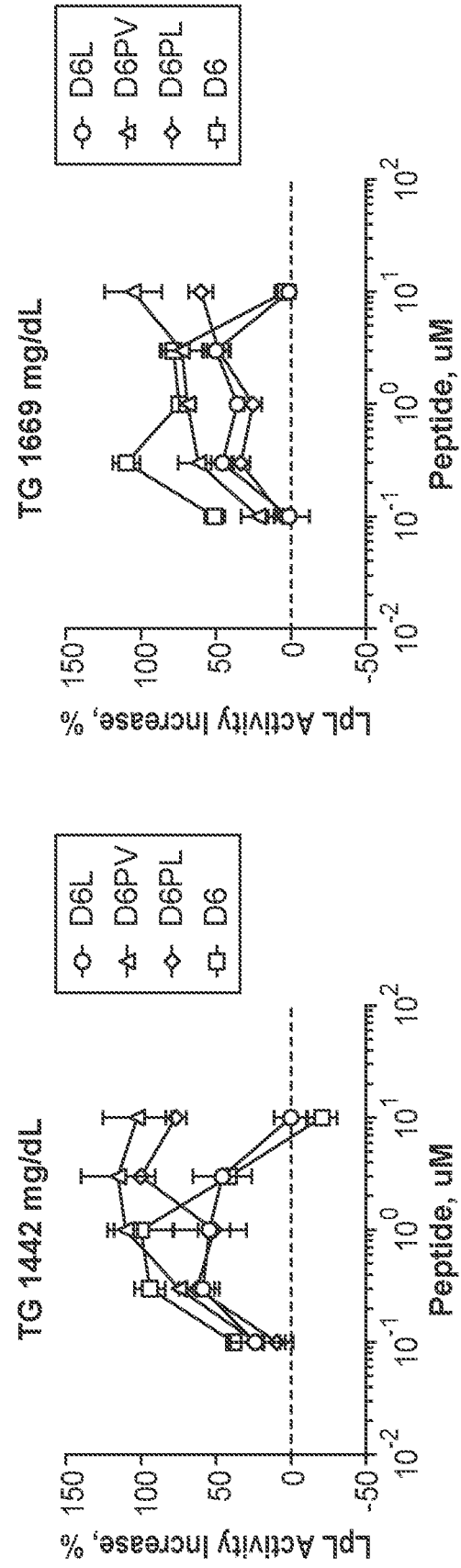


FIG. 15C

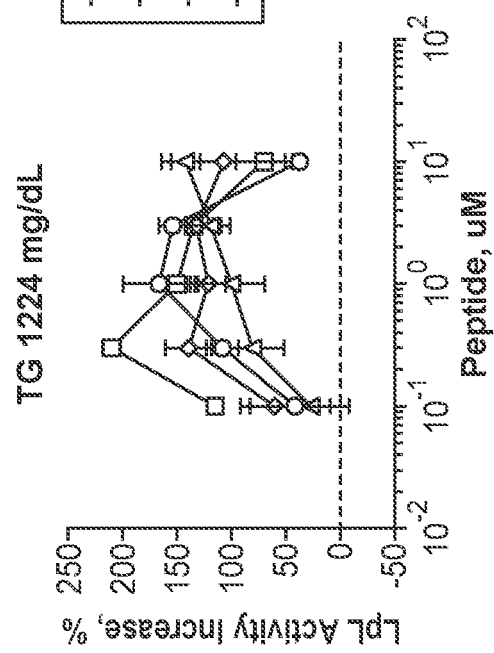


FIG. 15B

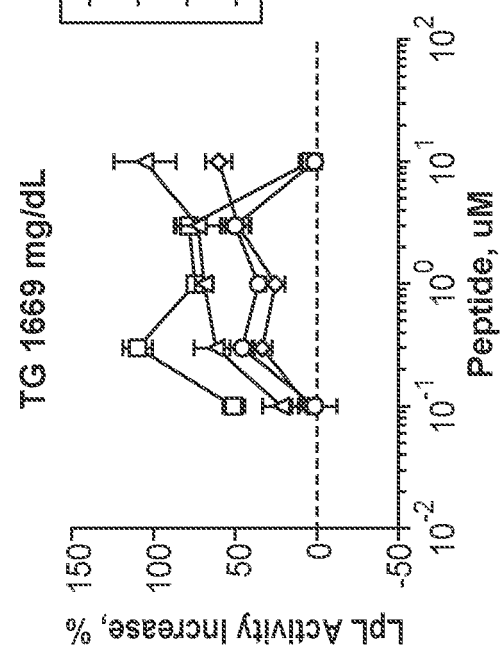


FIG. 15D

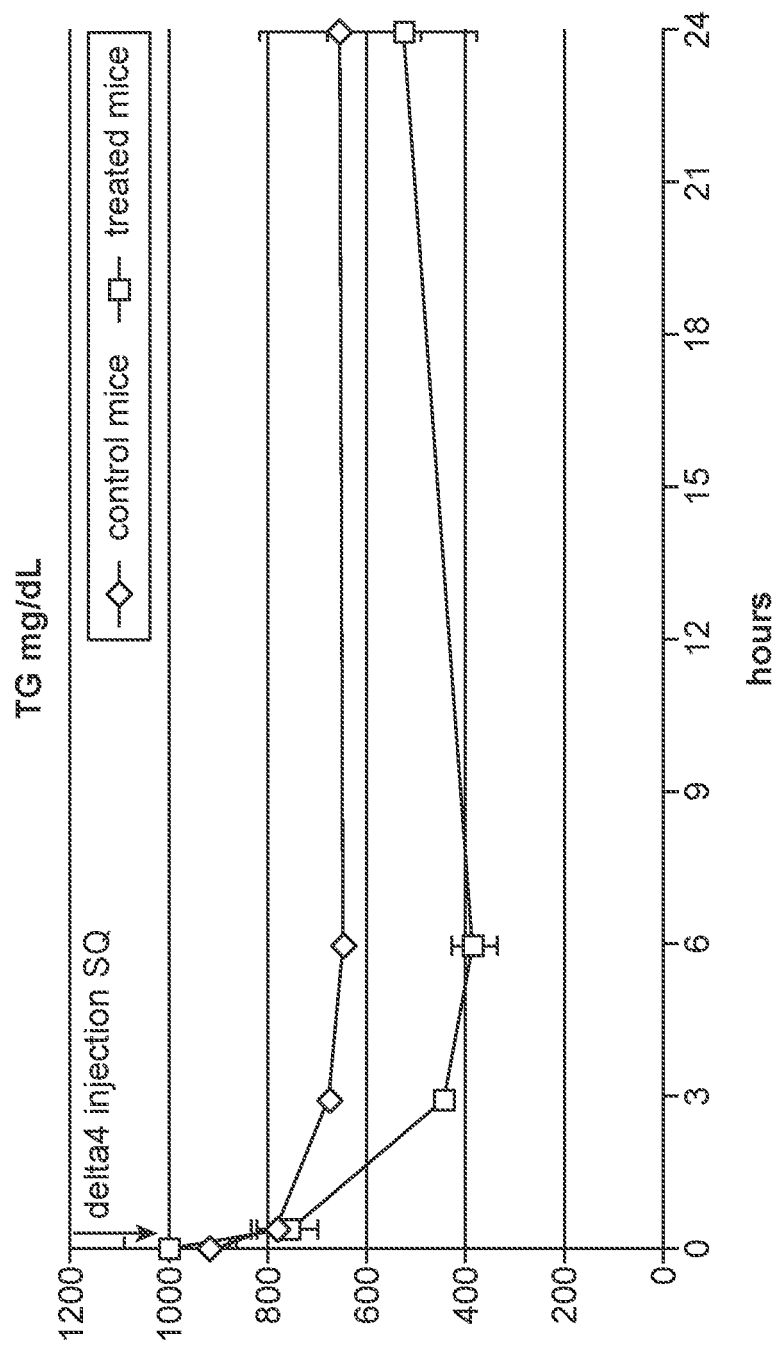


FIG. 16

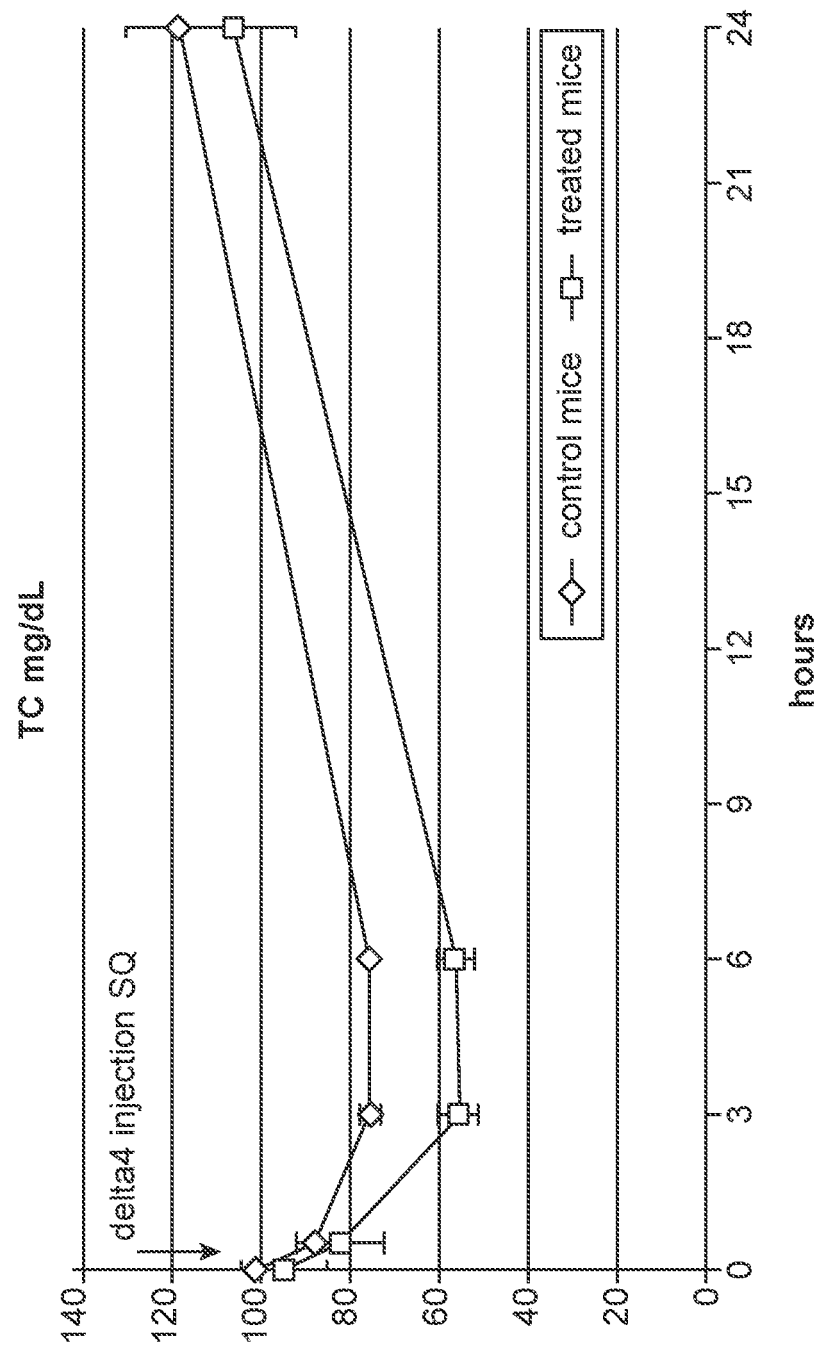


FIG. 17

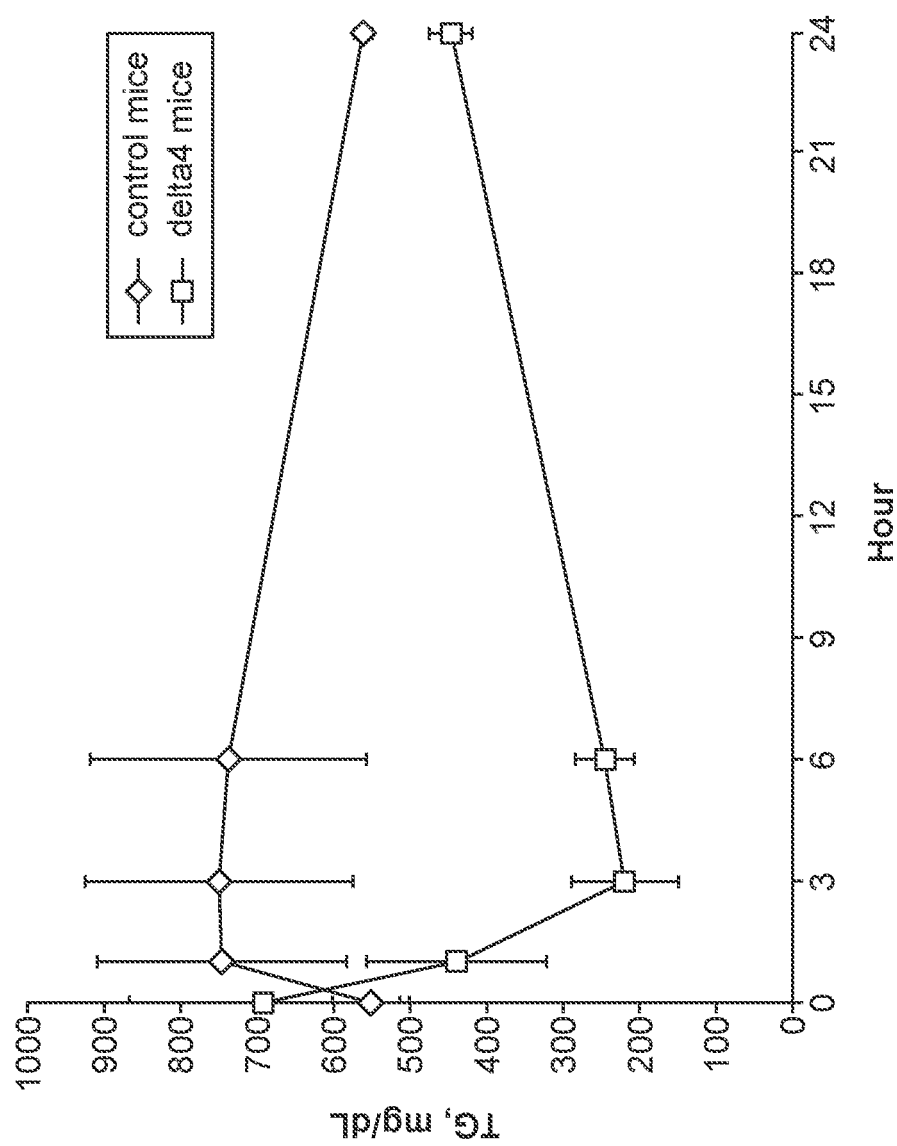


FIG. 18

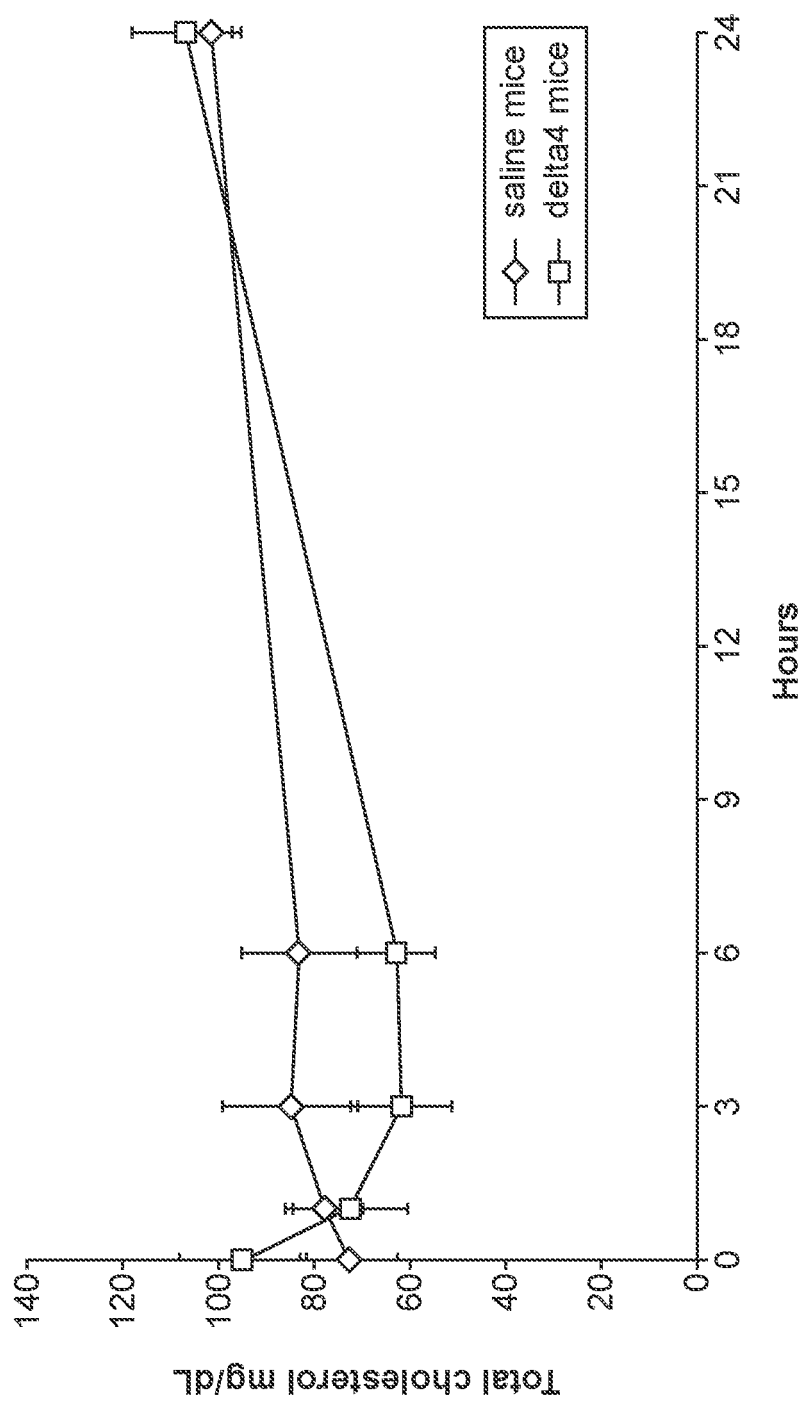


FIG. 19

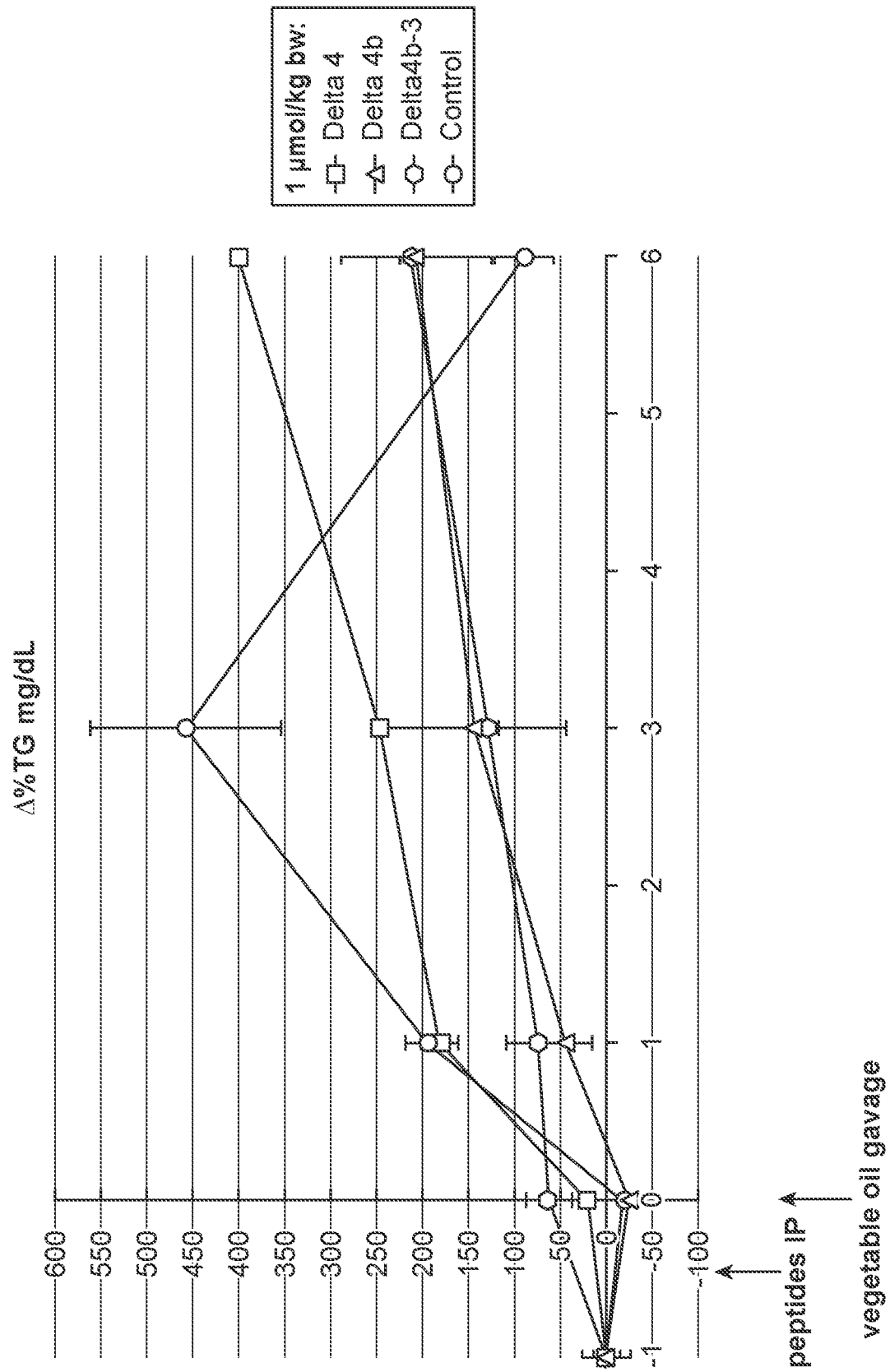


FIG. 20

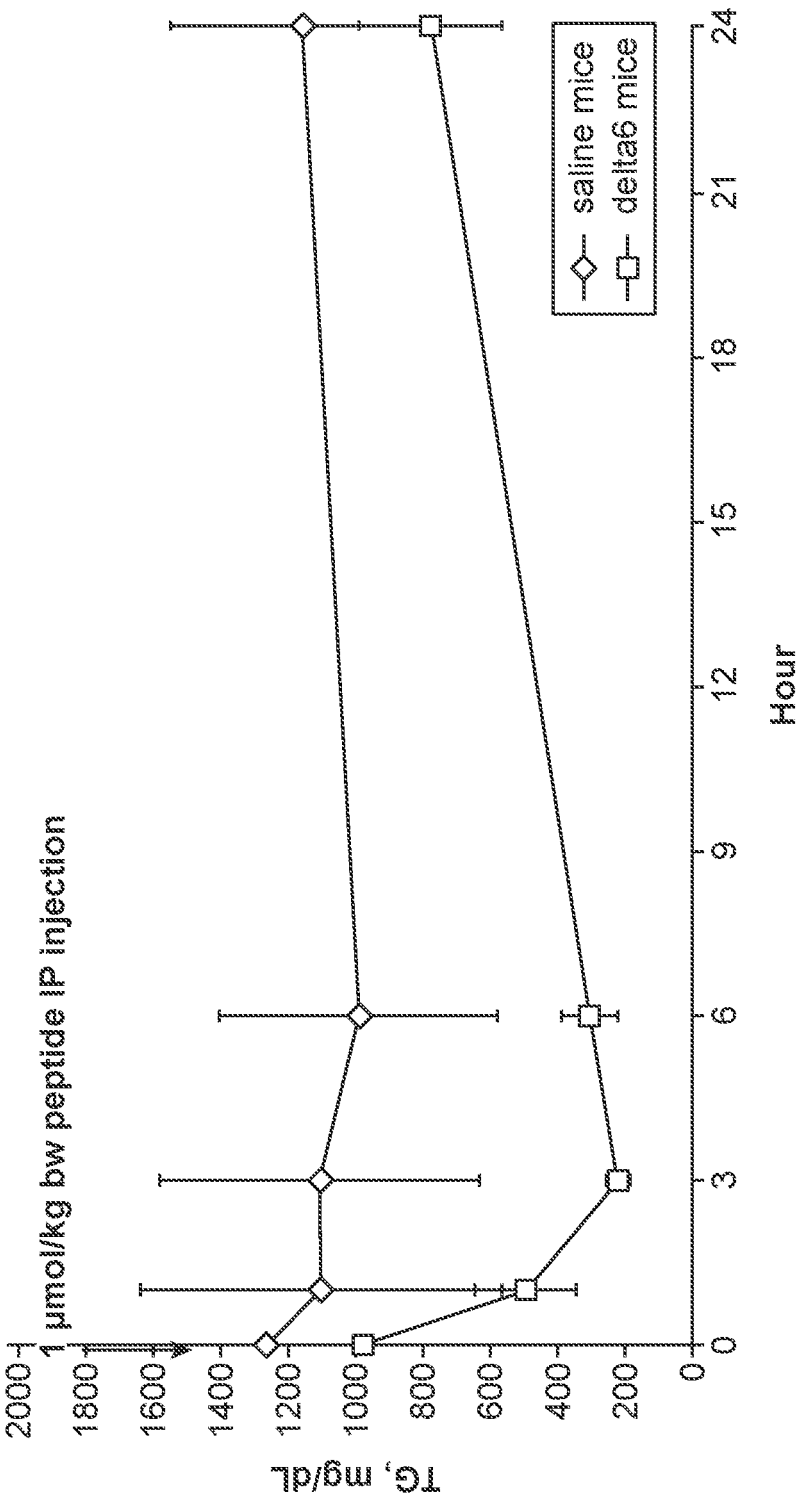


FIG. 21

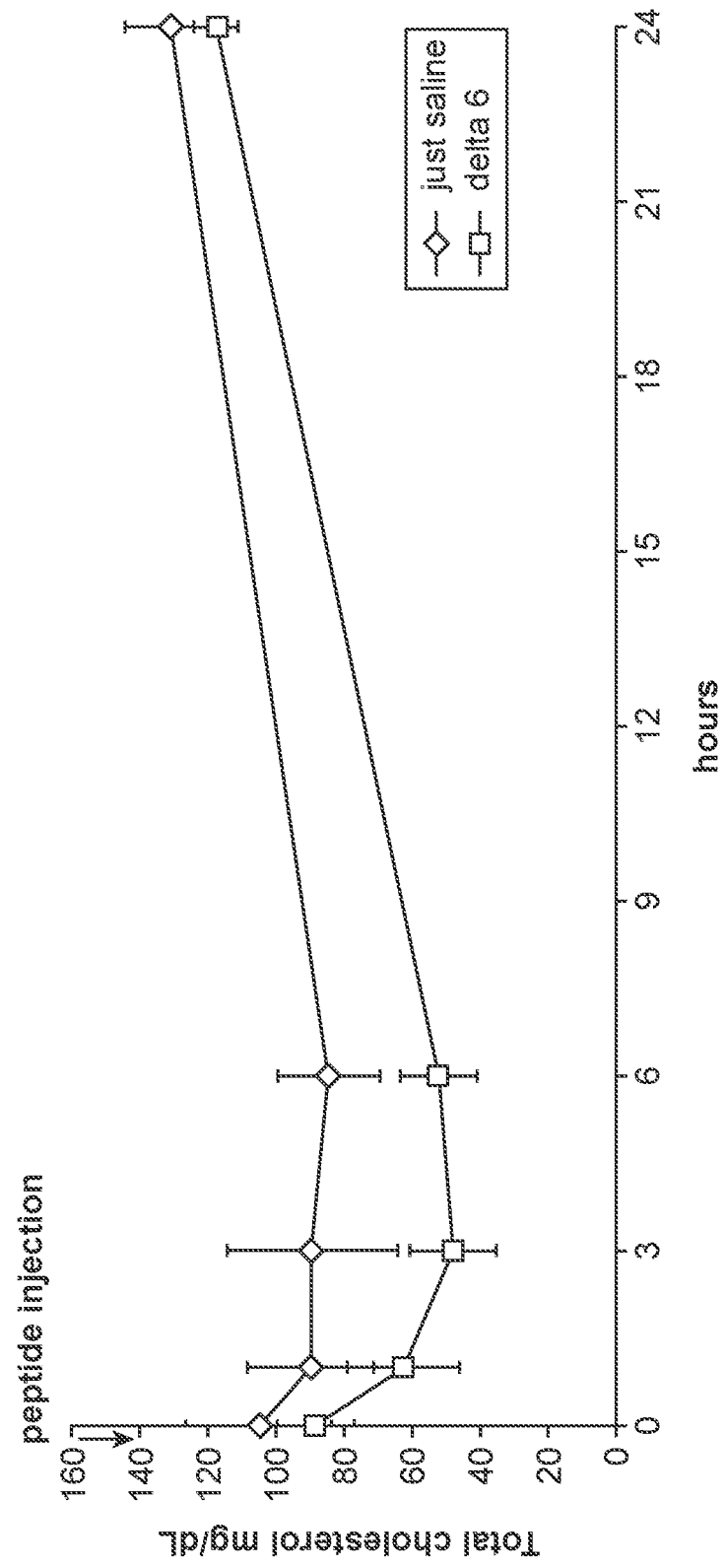


FIG. 22

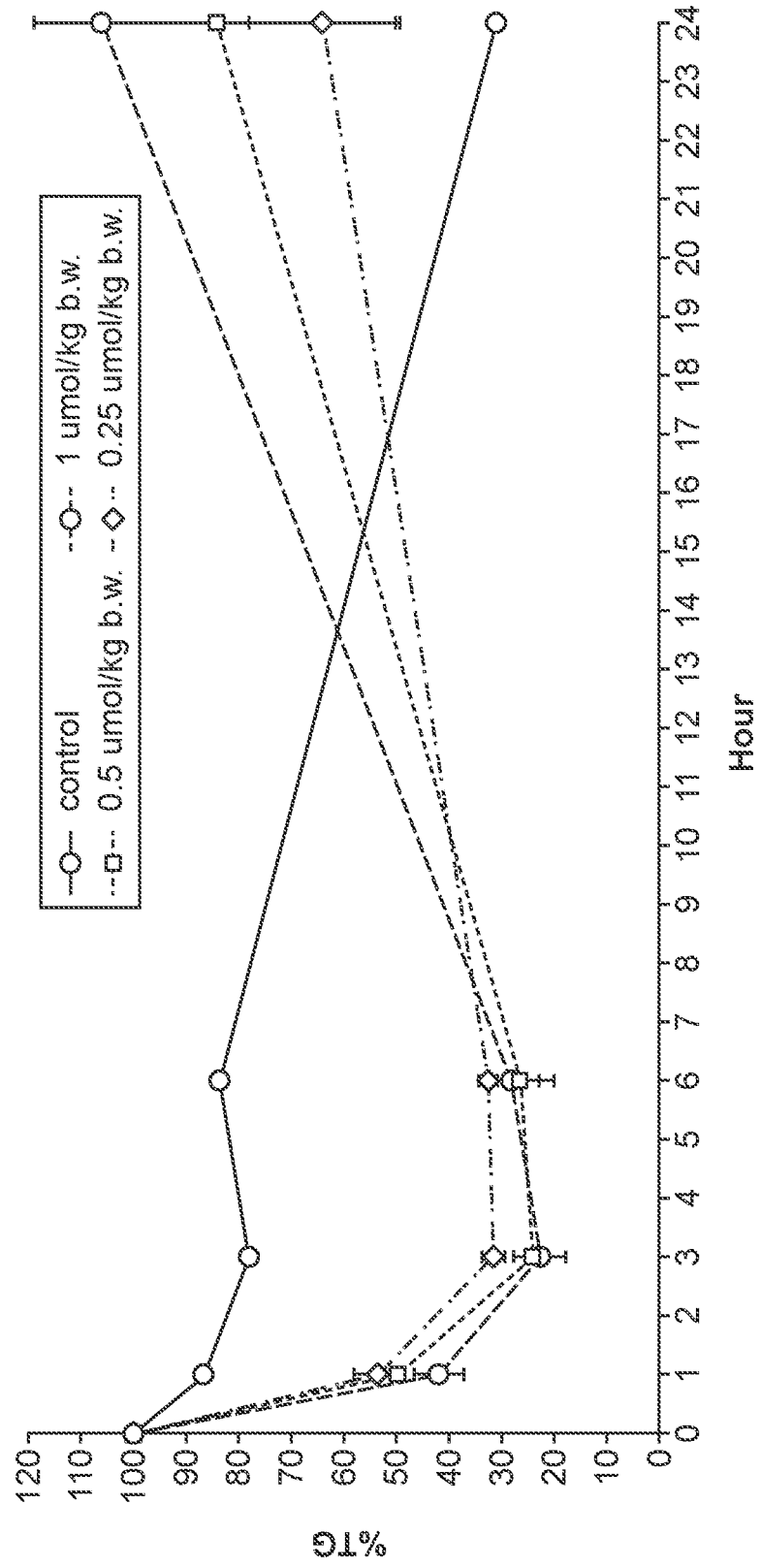


FIG. 23

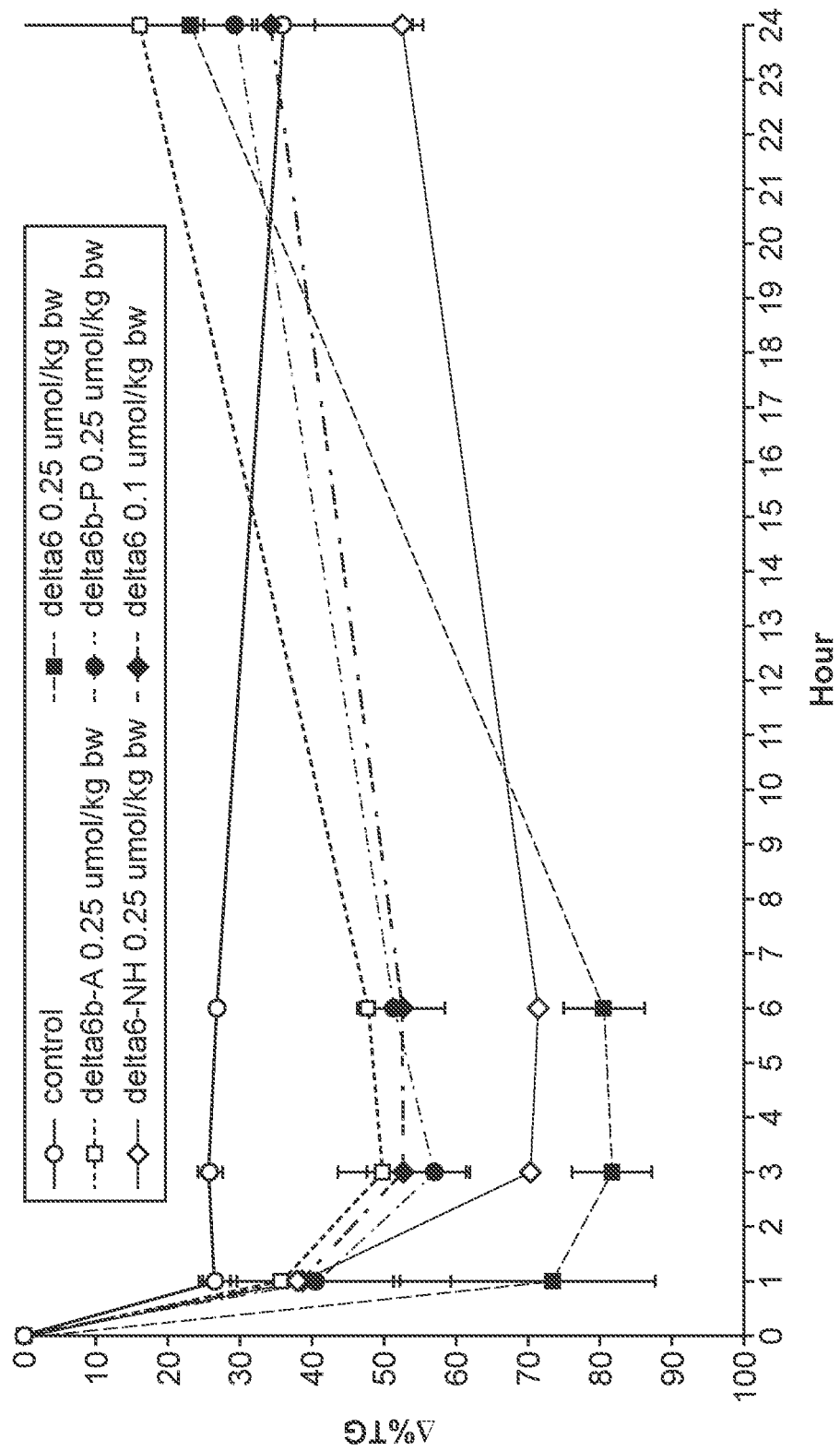


FIG. 24

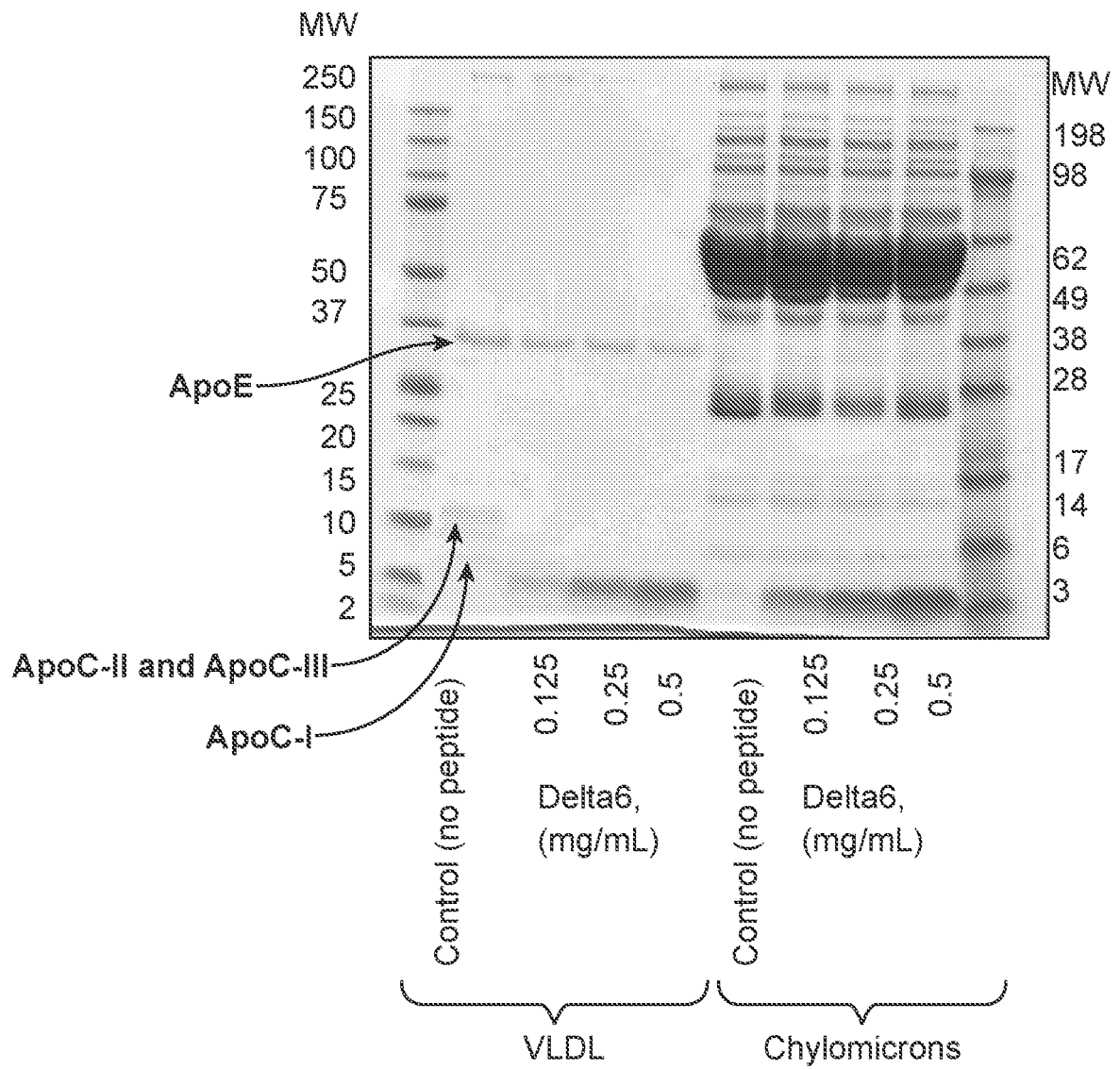


FIG. 25

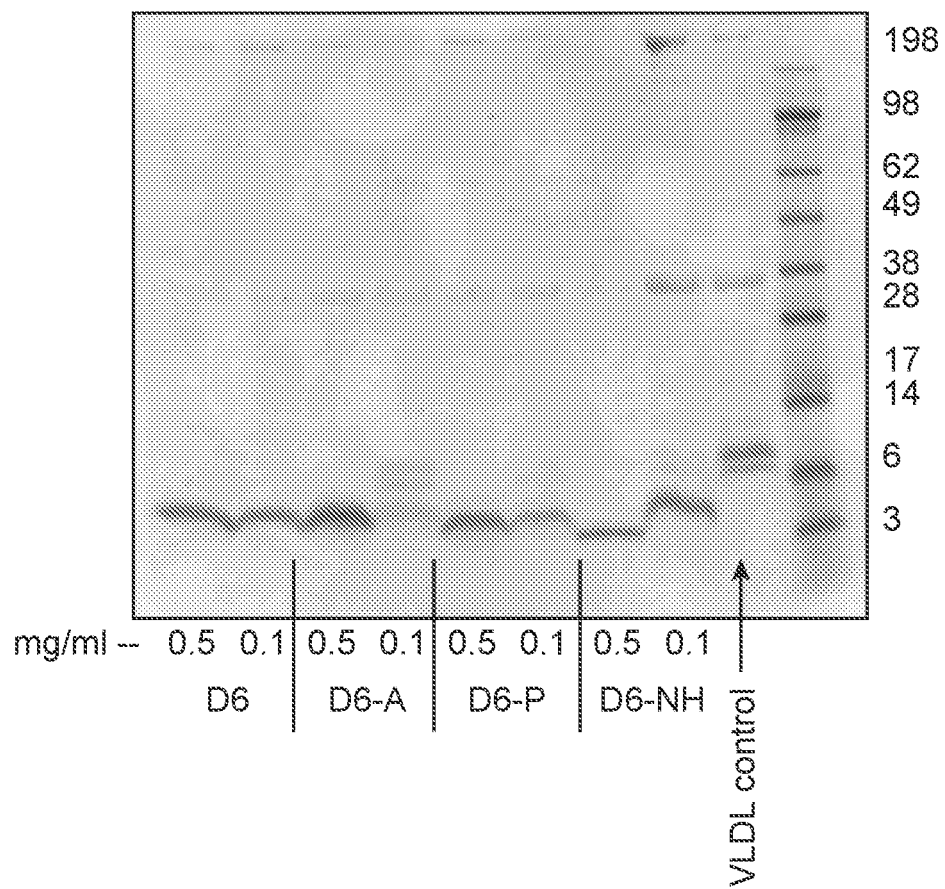


FIG. 26

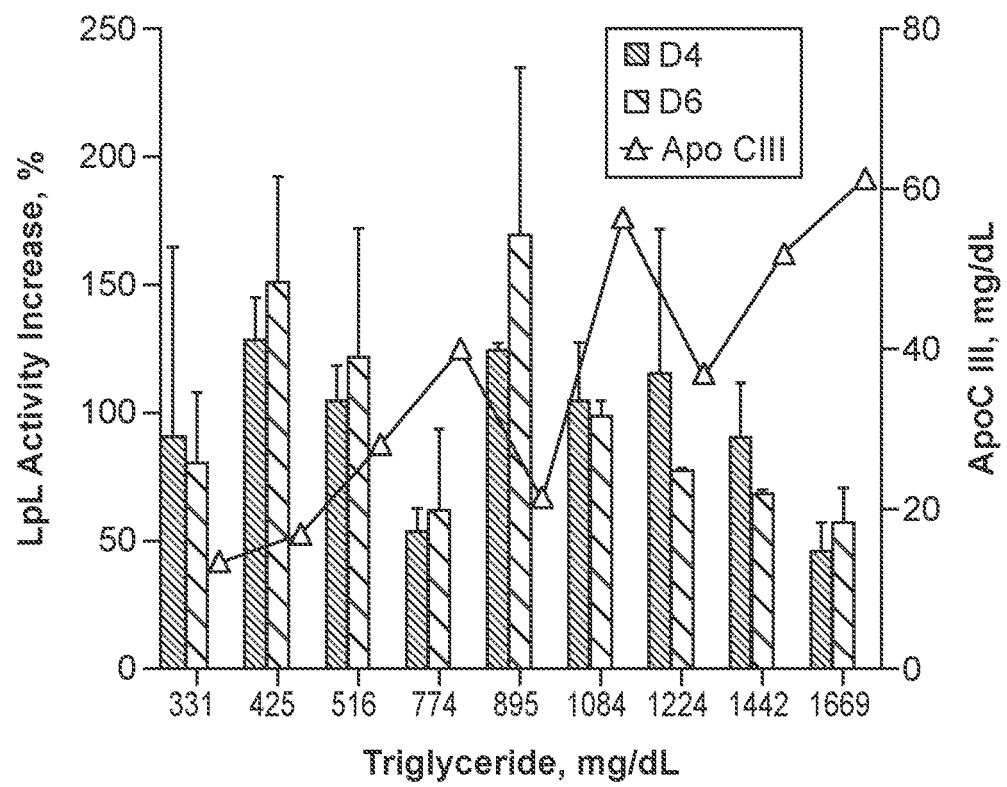


FIG. 27

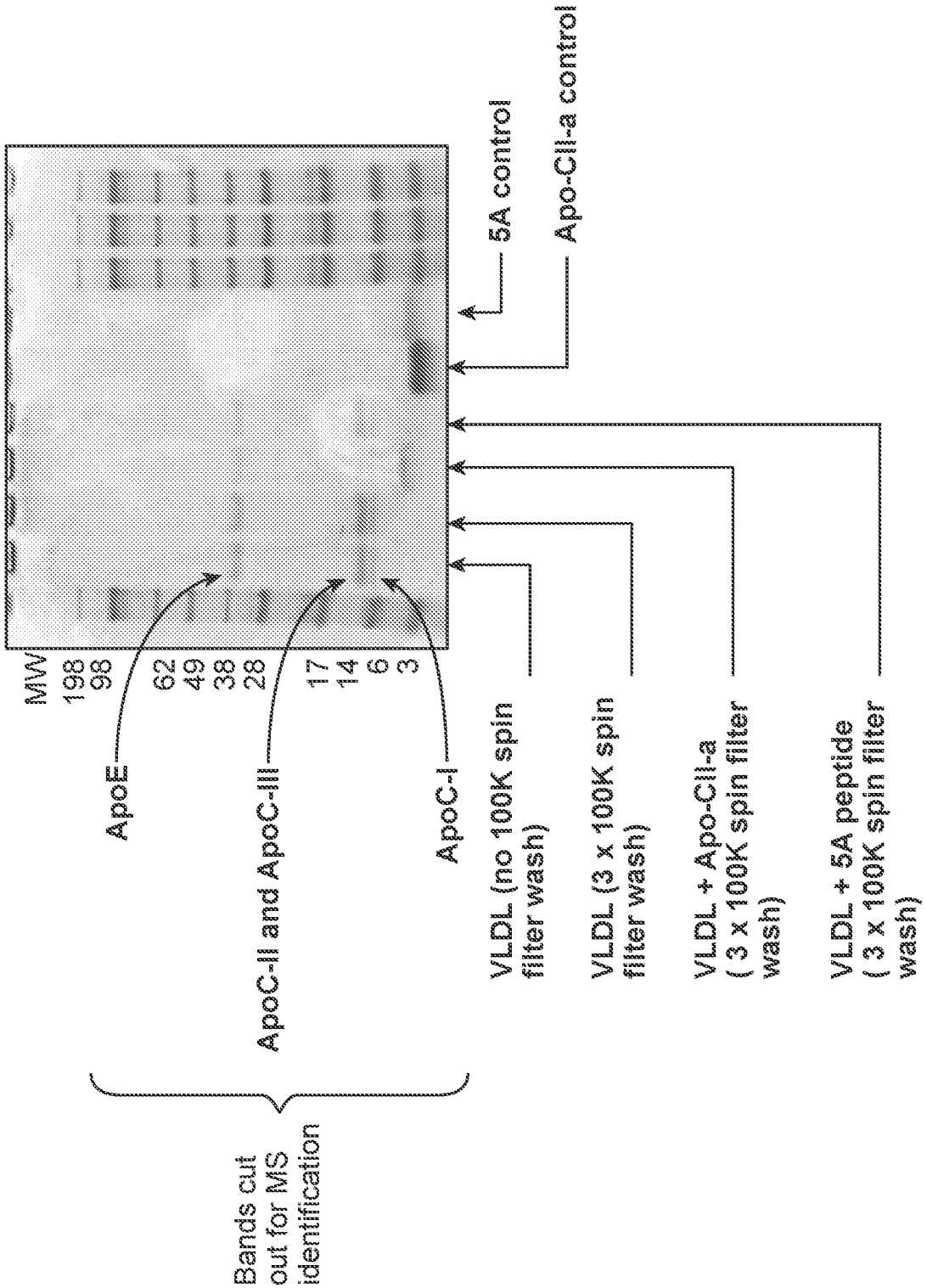


FIG. 28

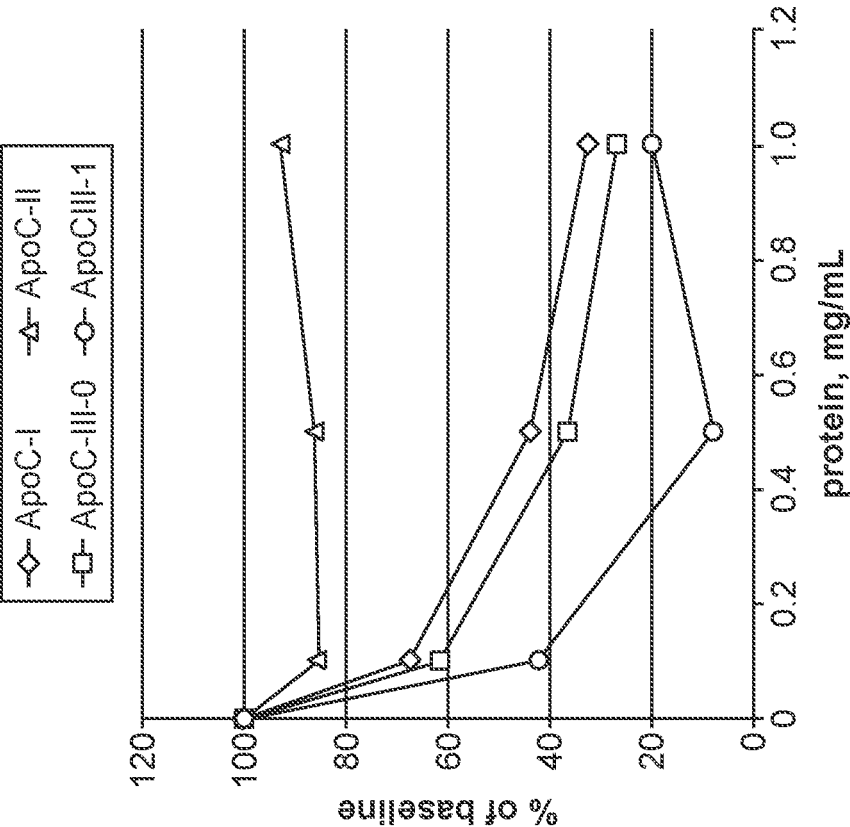


FIG. 29A

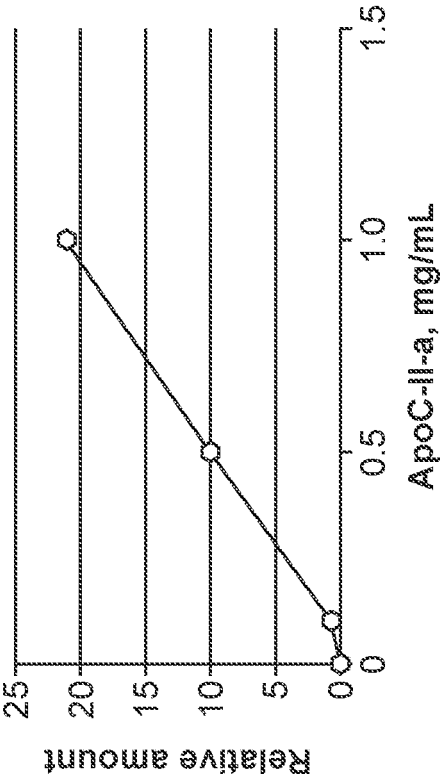


FIG. 29B

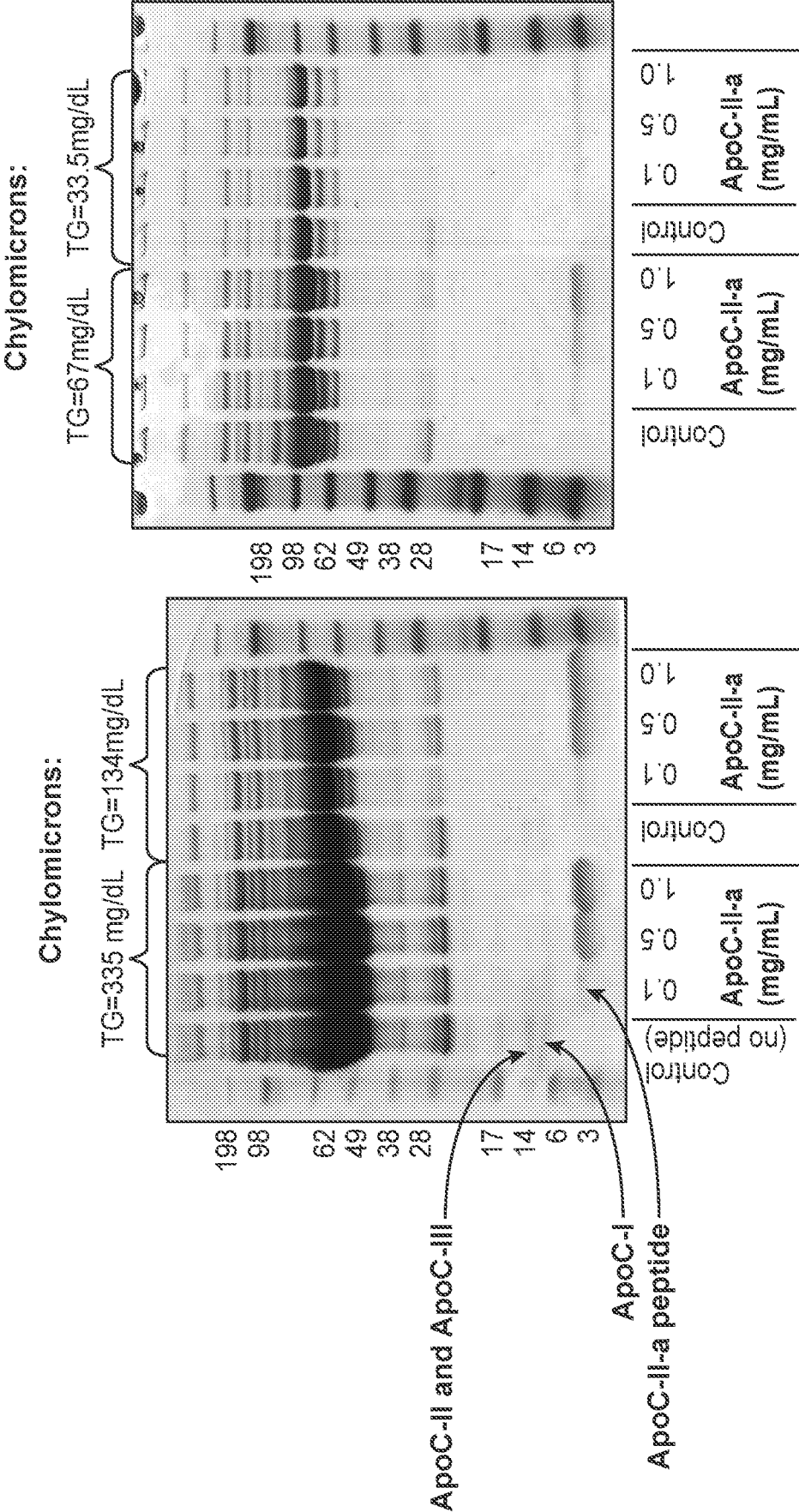


FIG. 30

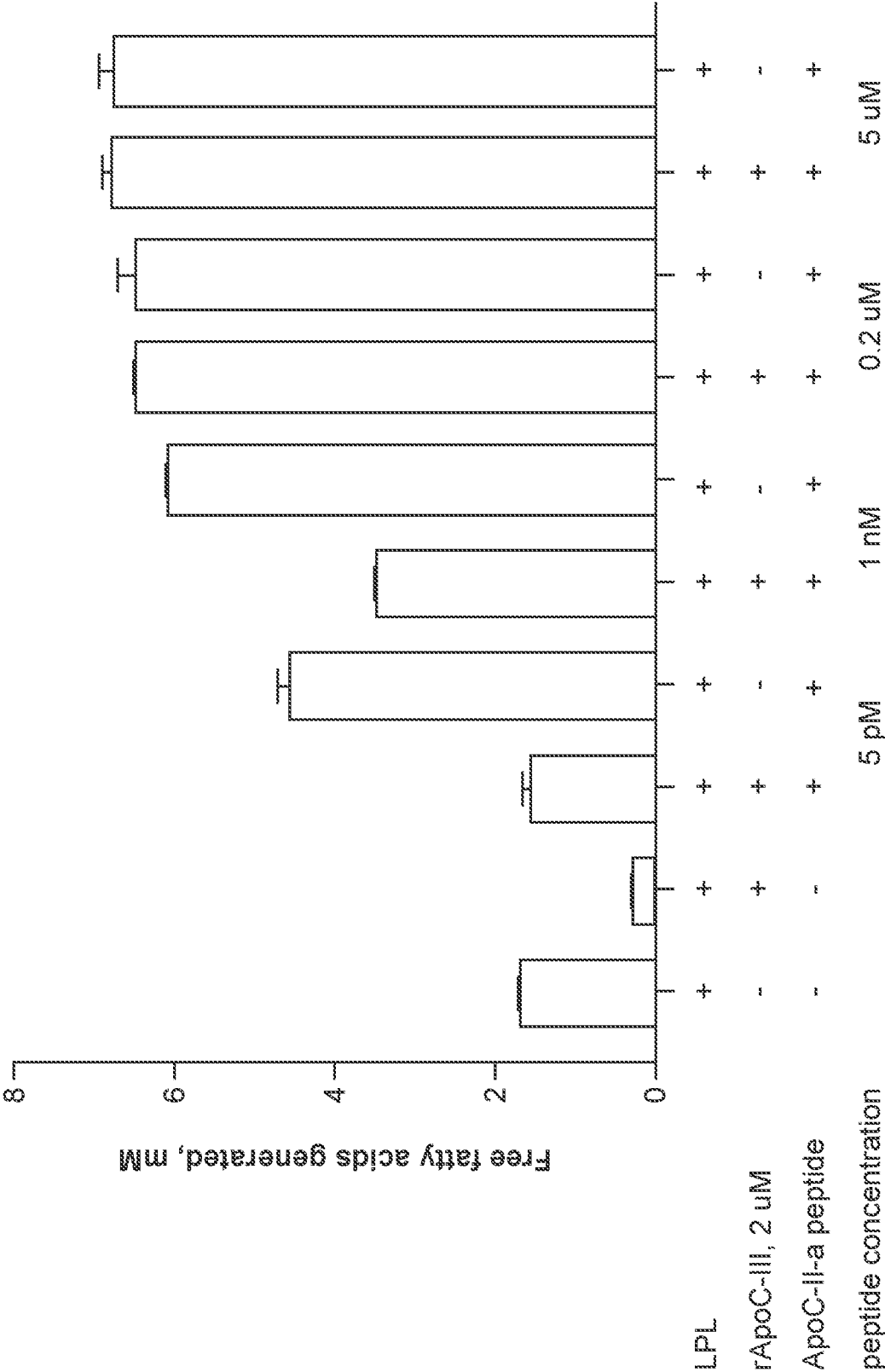


FIG. 31

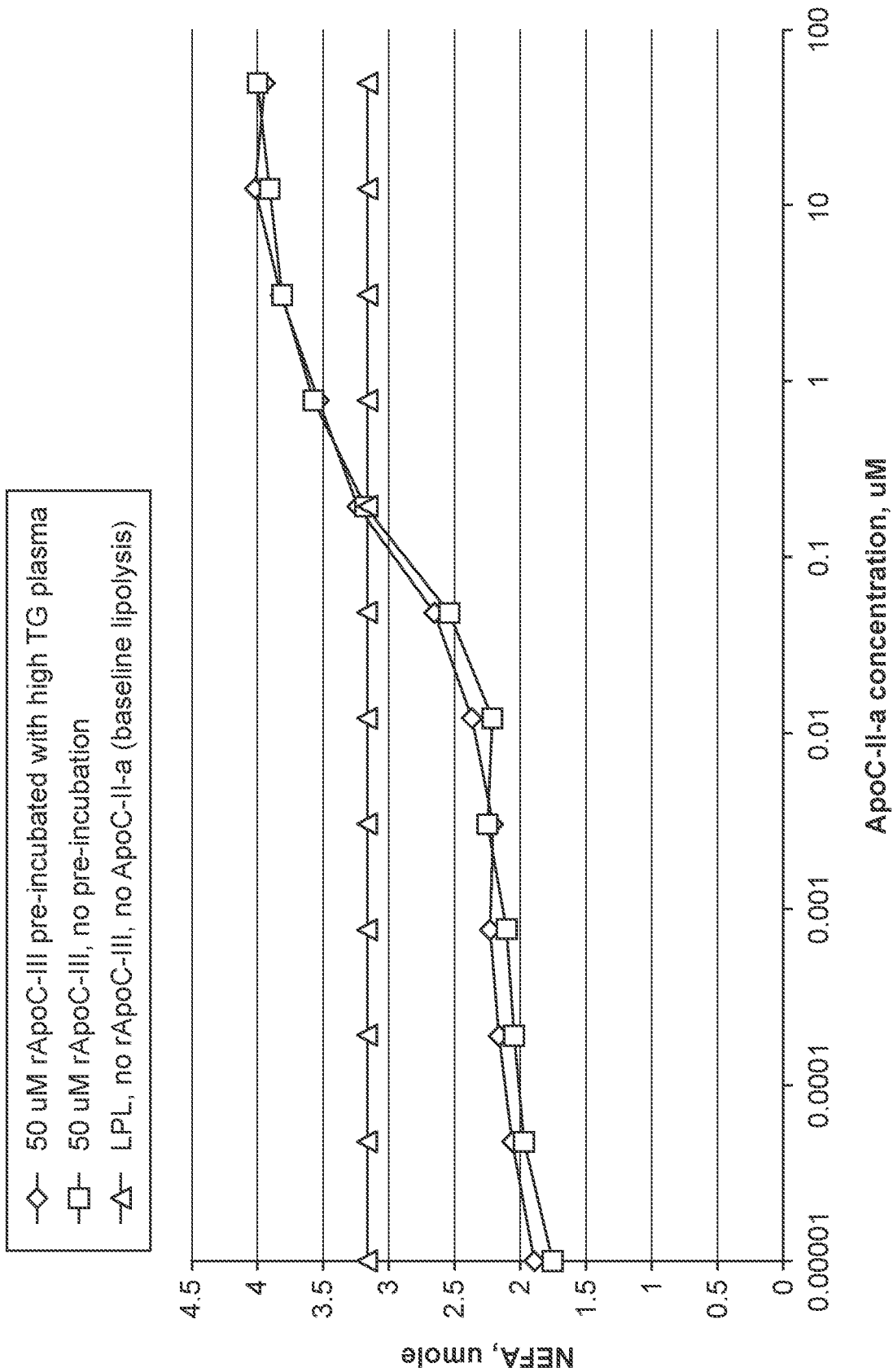


FIG. 32

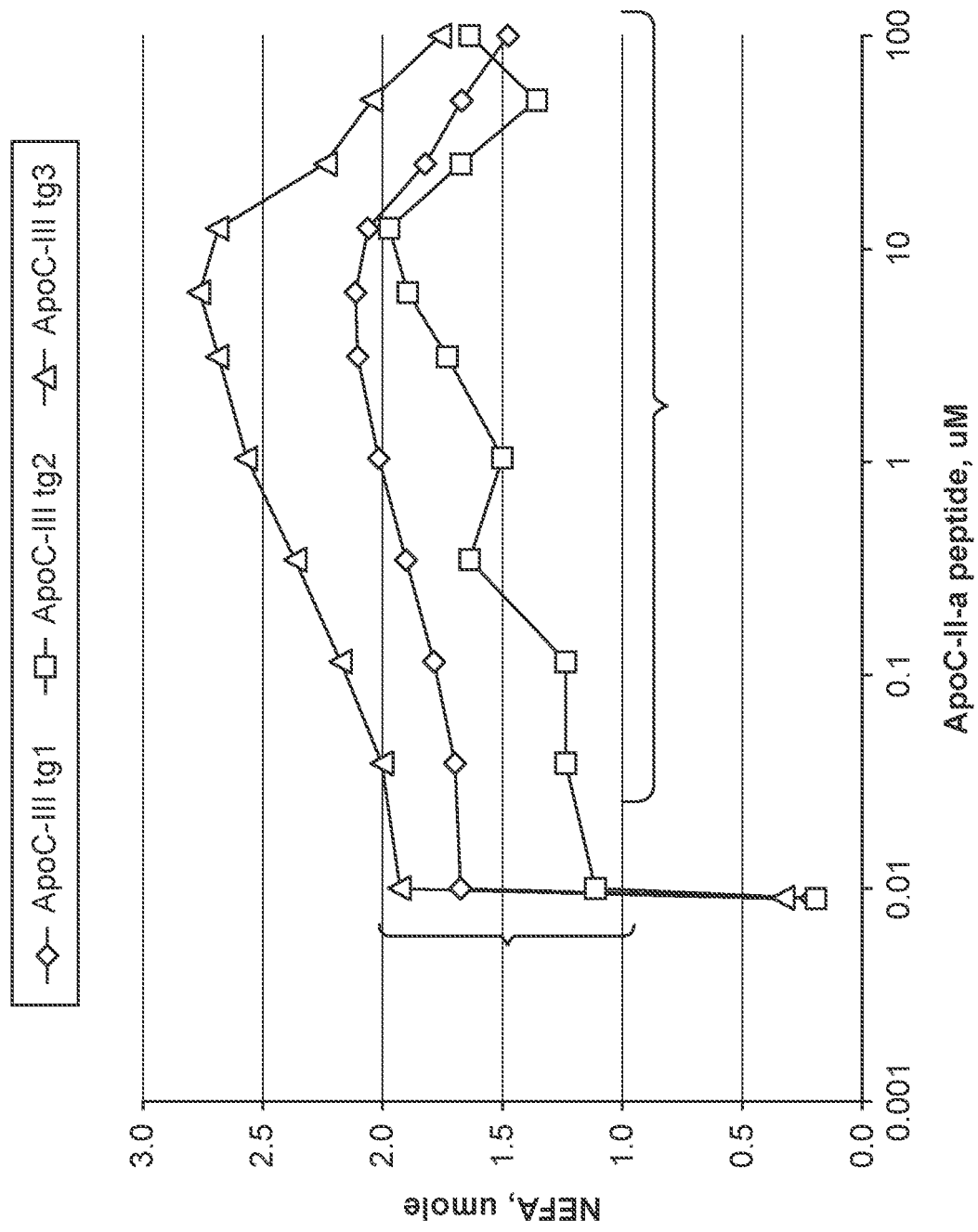


FIG. 33

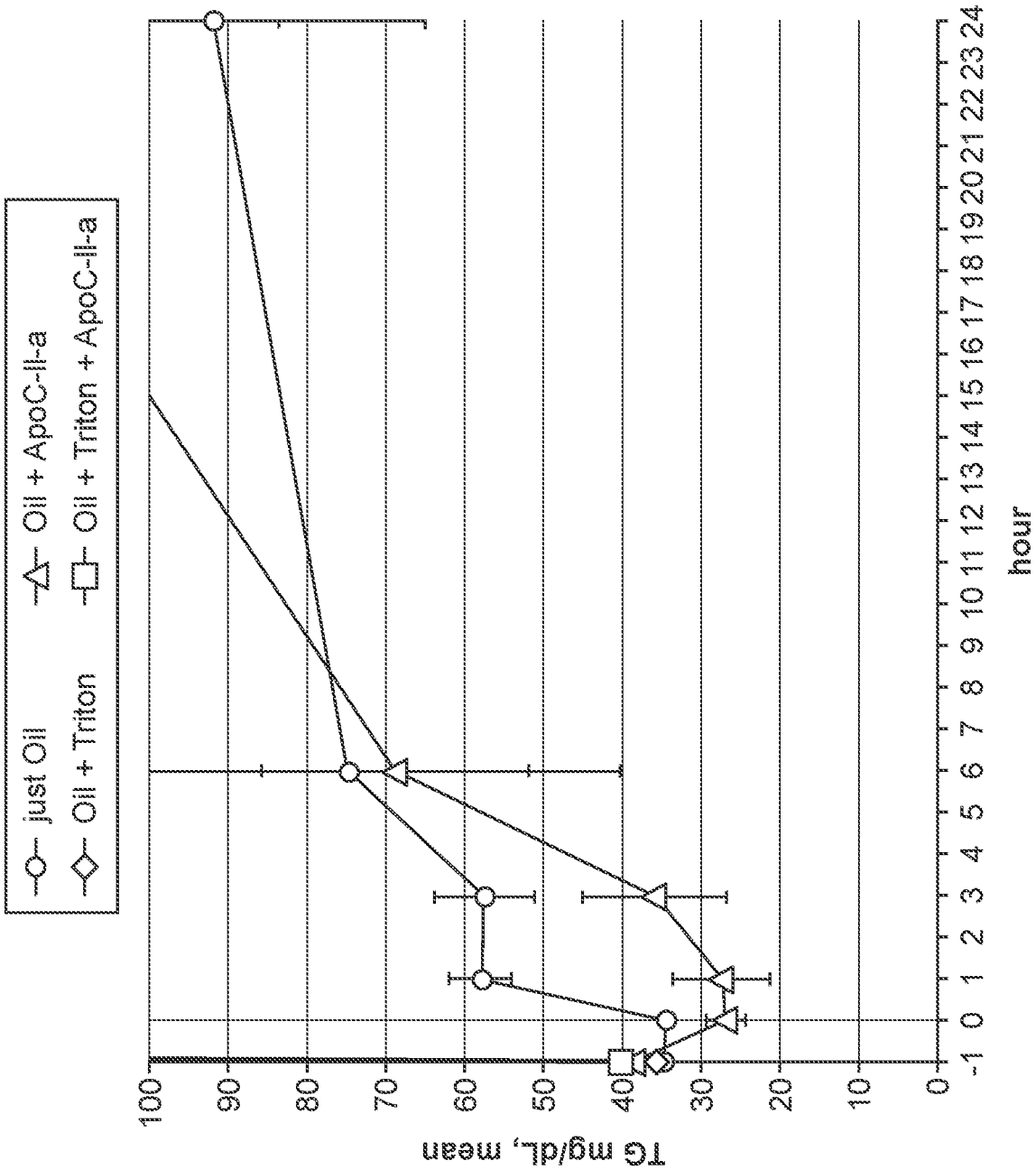


FIG. 34A

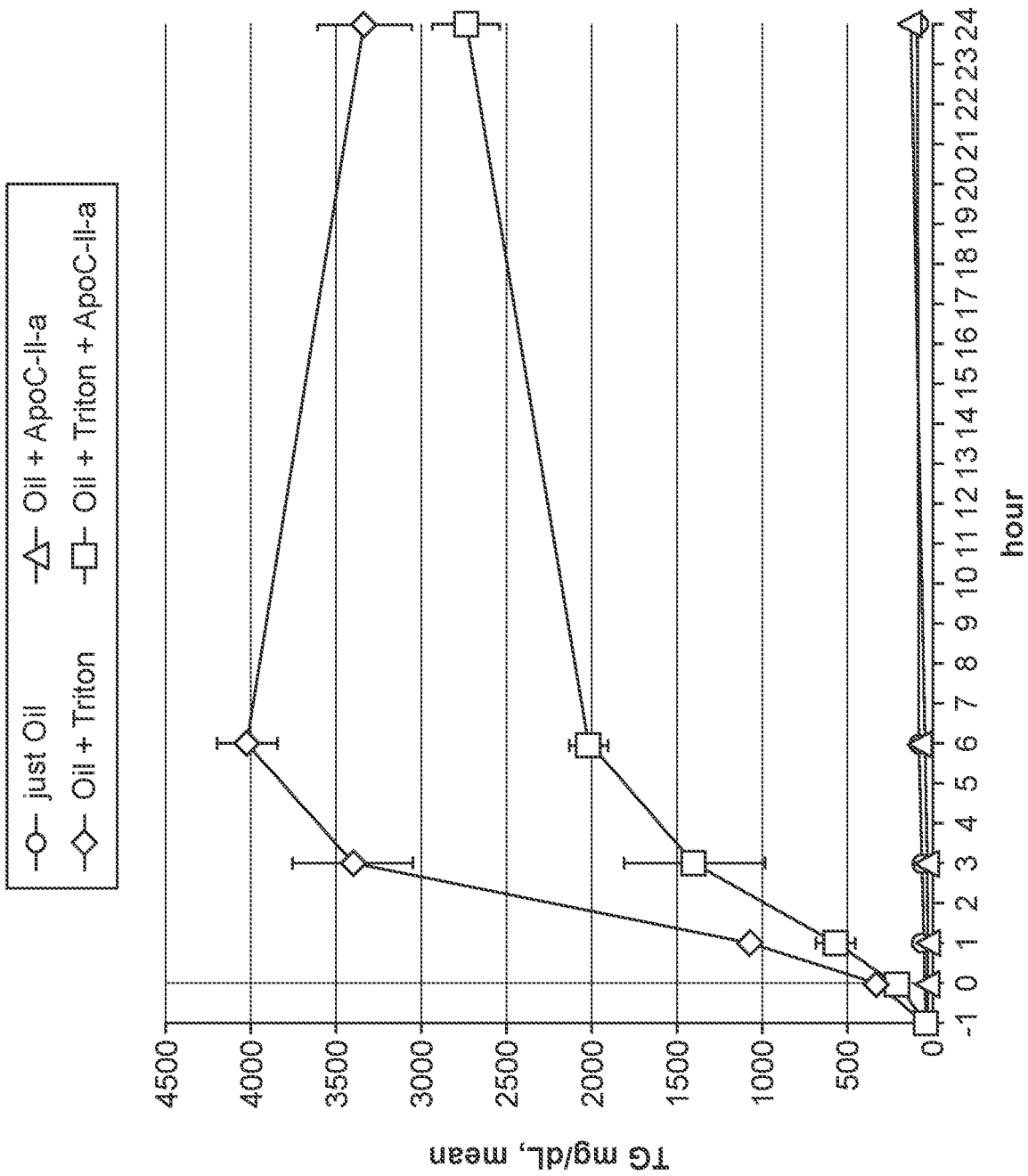


FIG. 34B

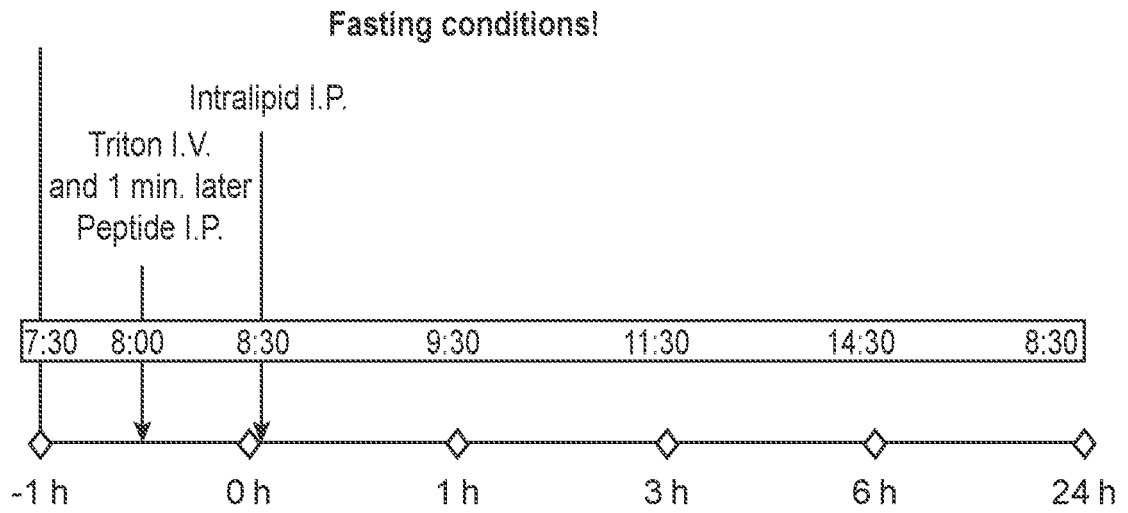


FIG. 35A

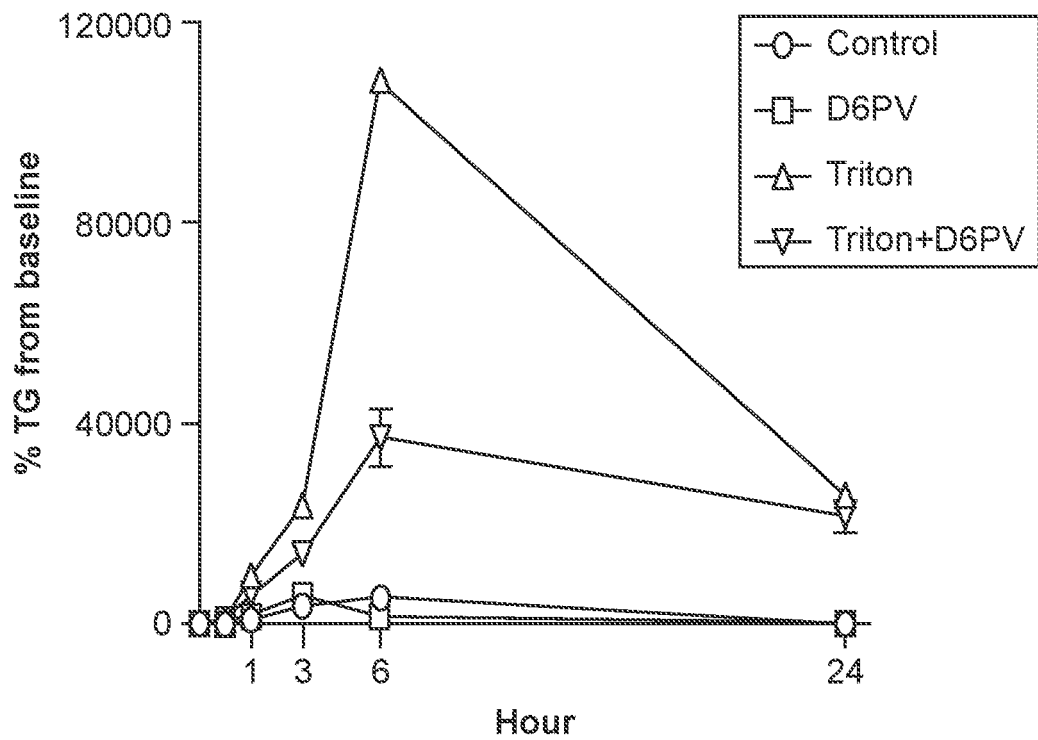


FIG. 35B

# Fasting conditions

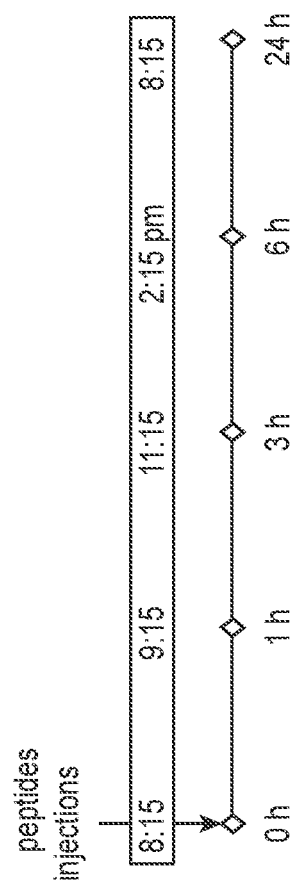


FIG. 36A

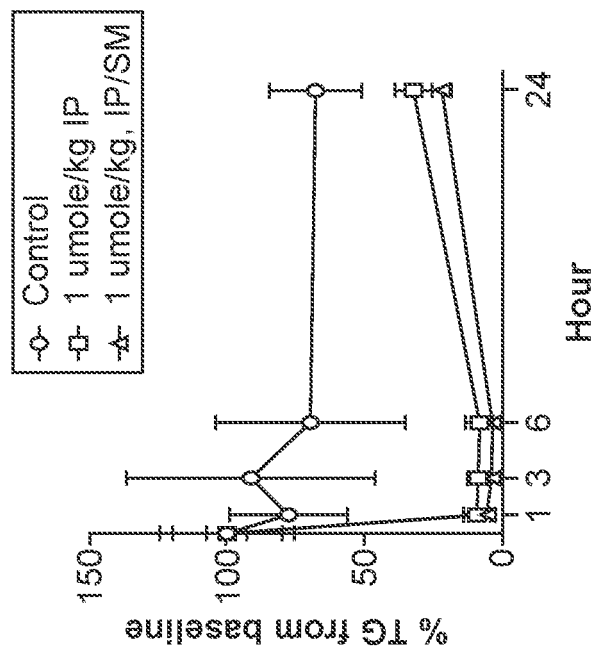


FIG. 36B

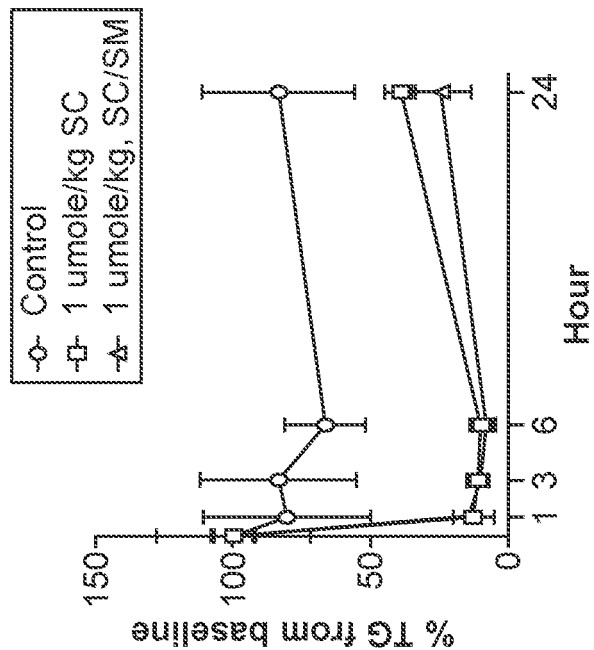


FIG. 36C

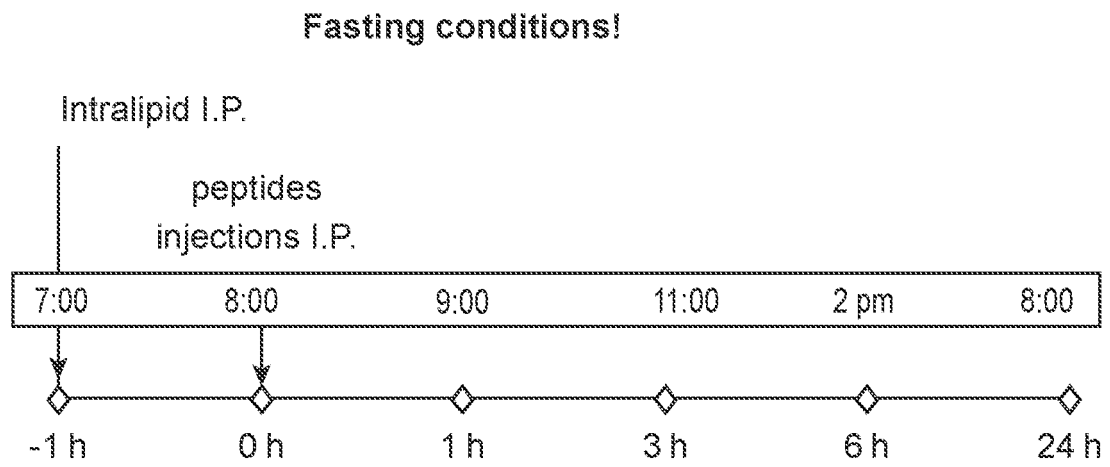


FIG. 37A

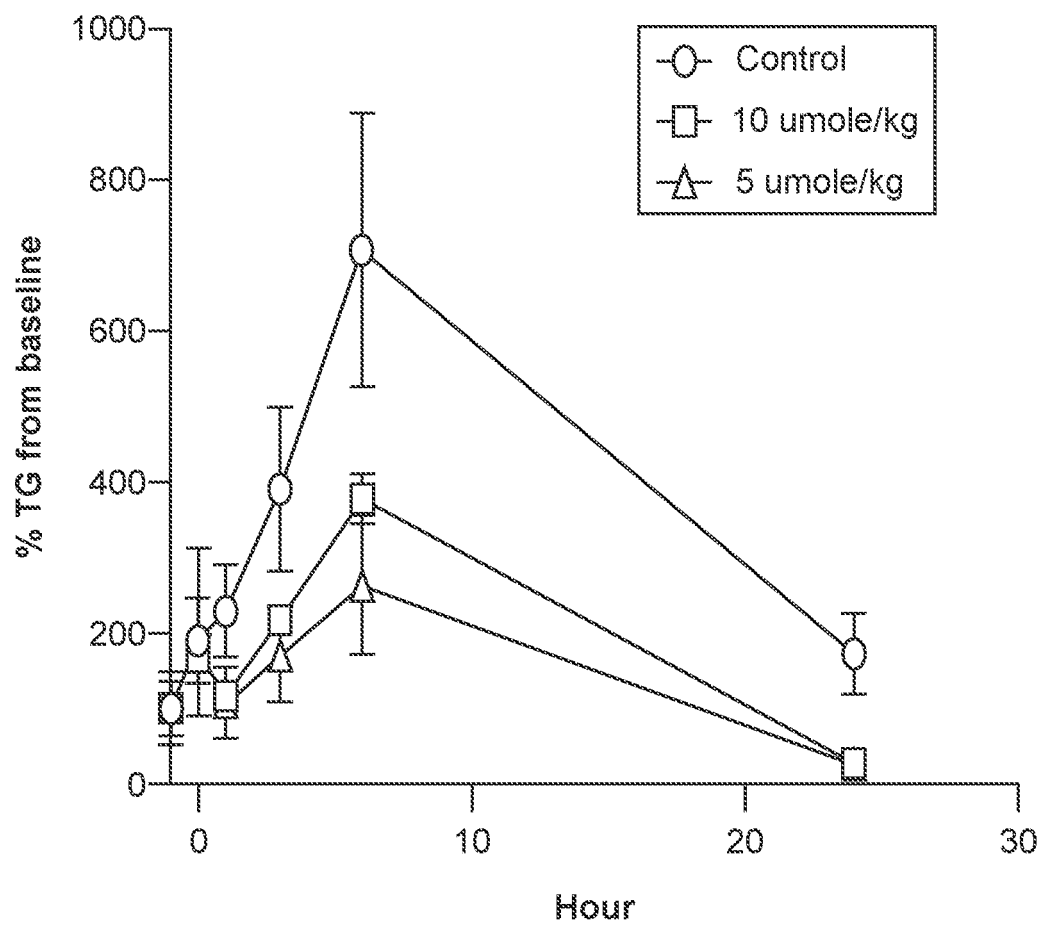


FIG. 37B

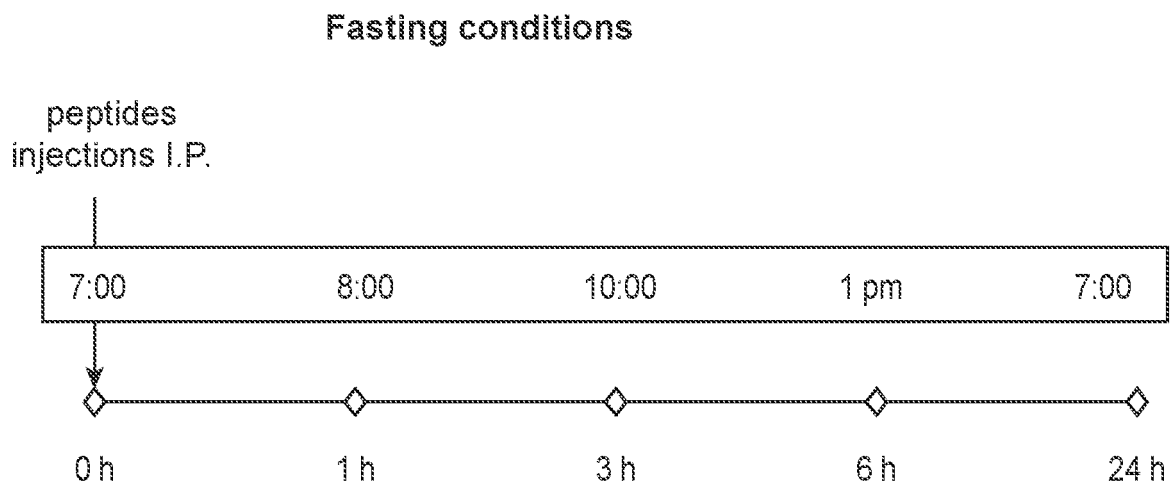


FIG. 38A

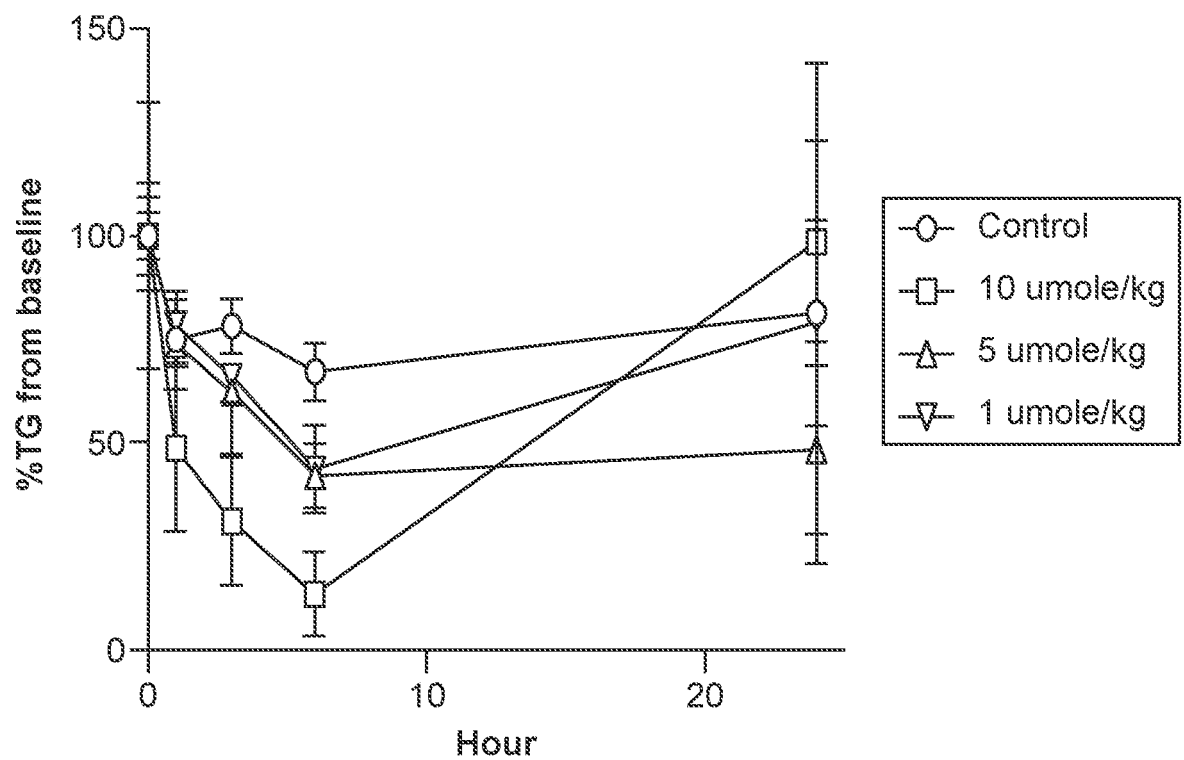


FIG. 38B

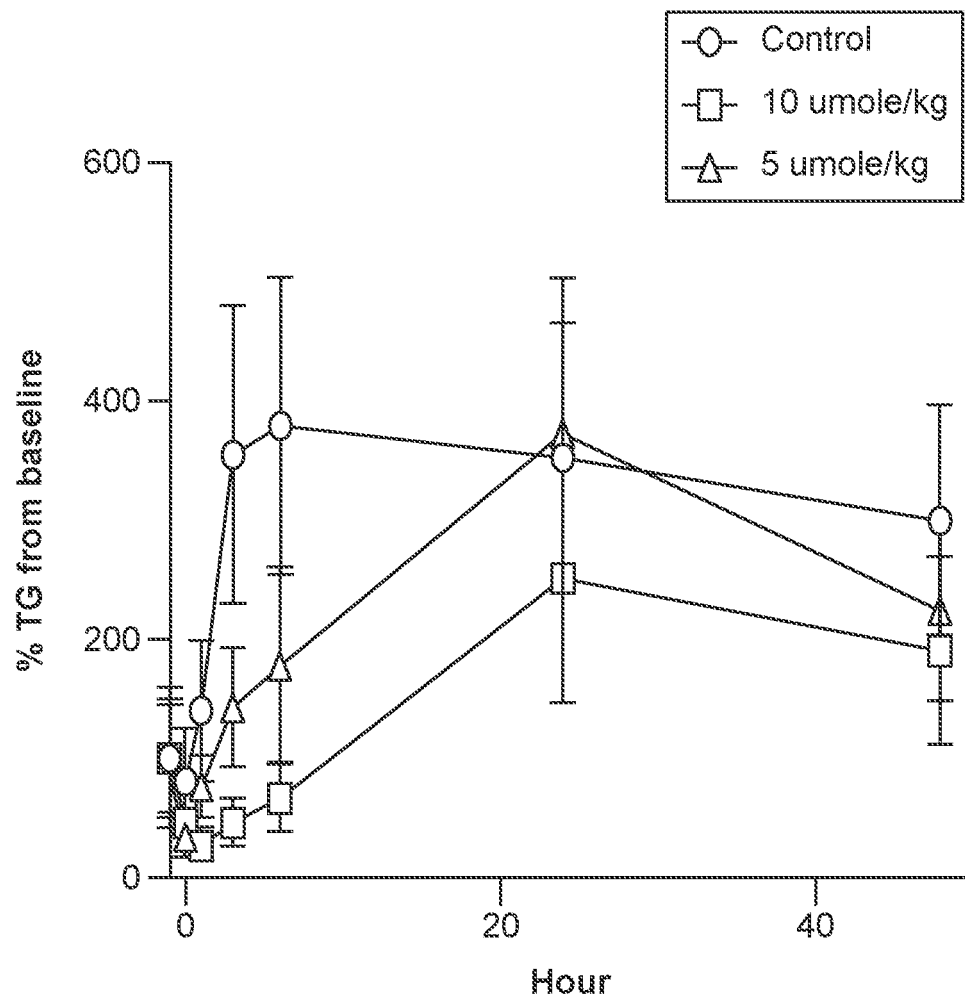


FIG. 39

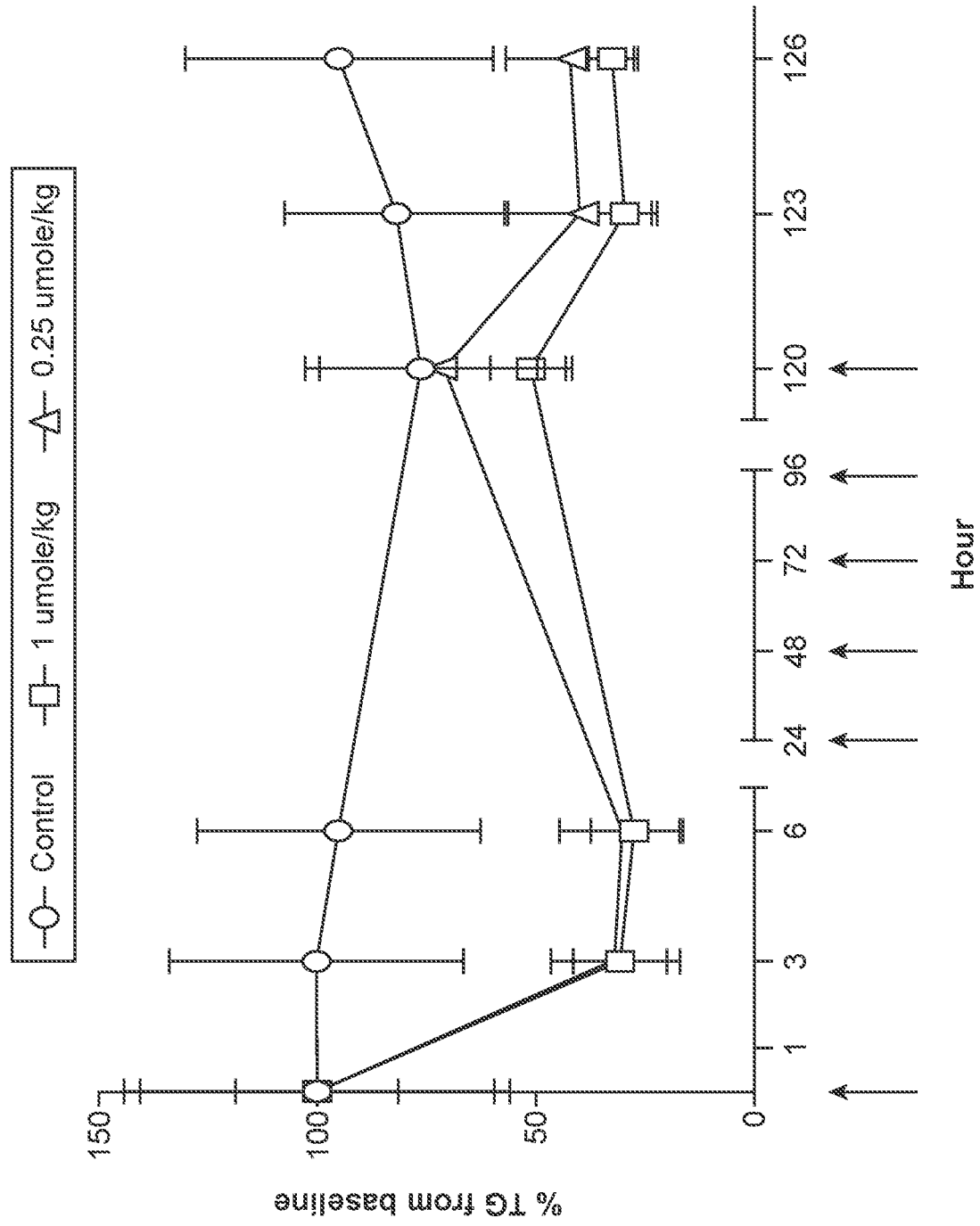


FIG. 40

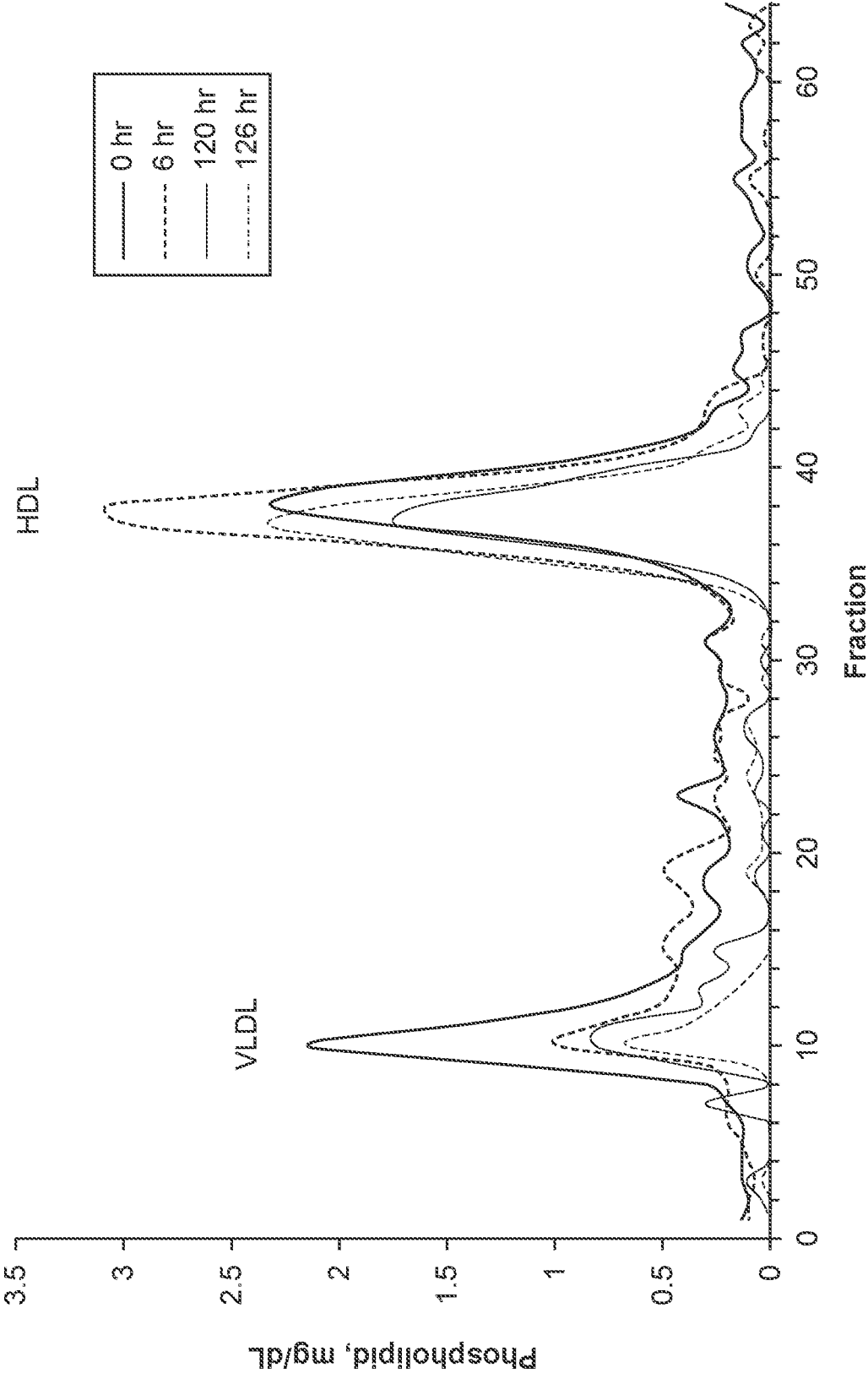


FIG. 41

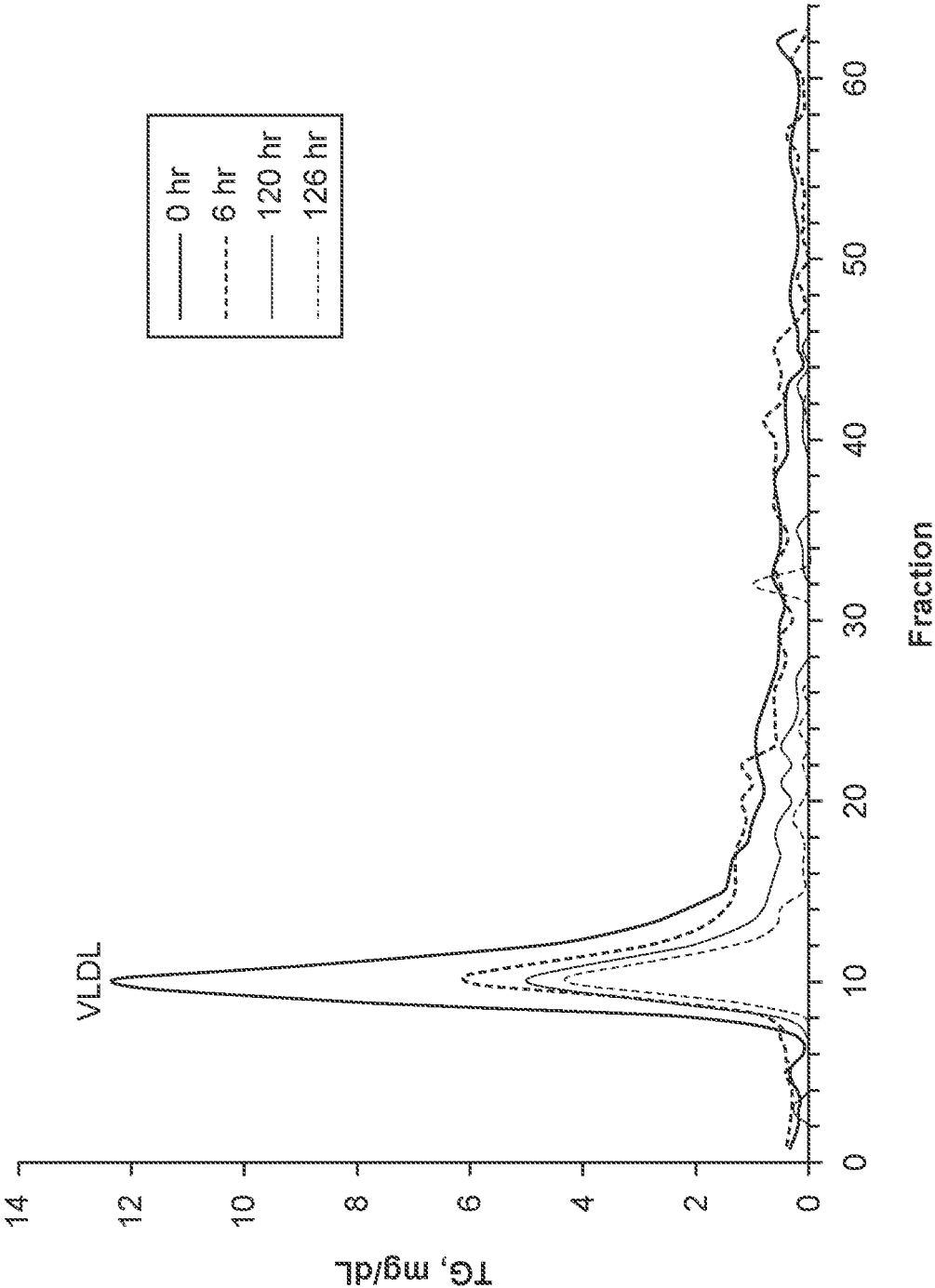


FIG. 42

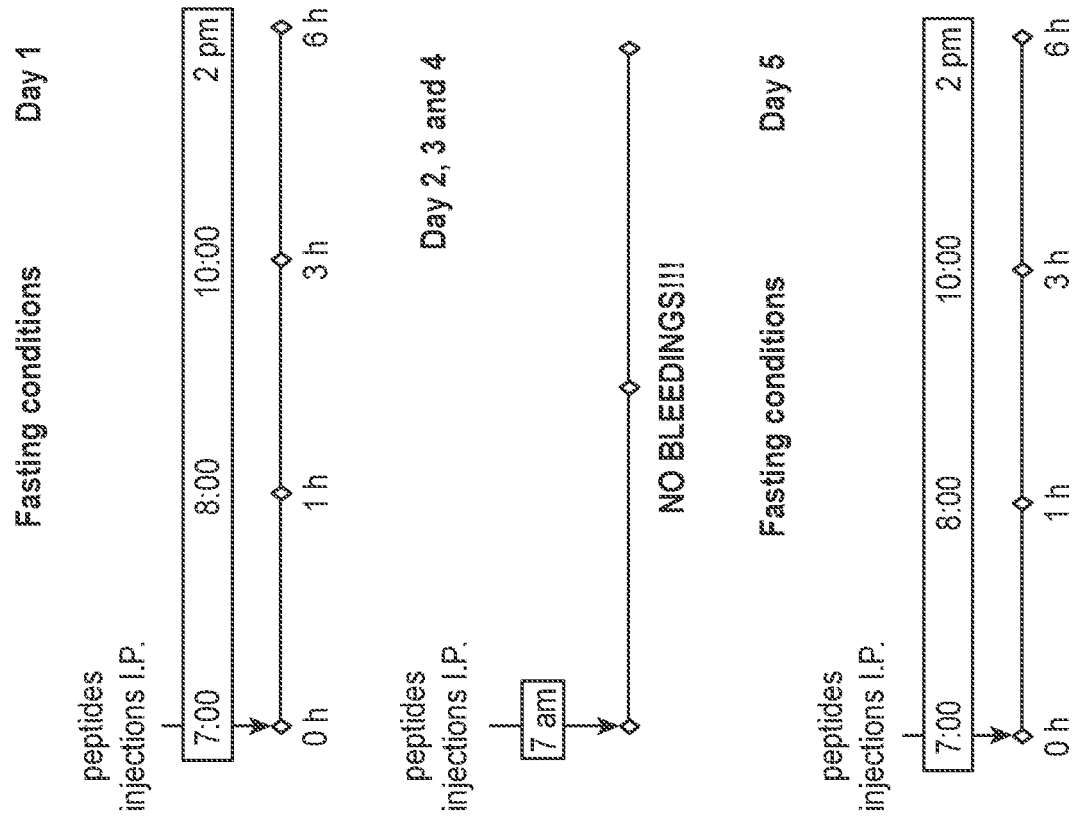


FIG. 43A

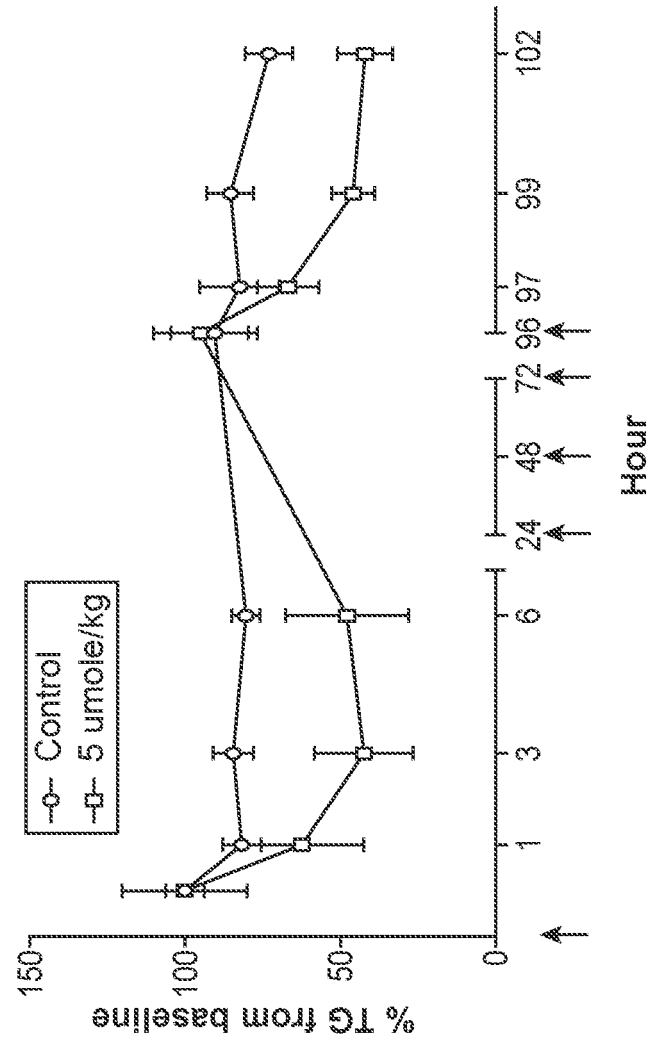


FIG. 43B

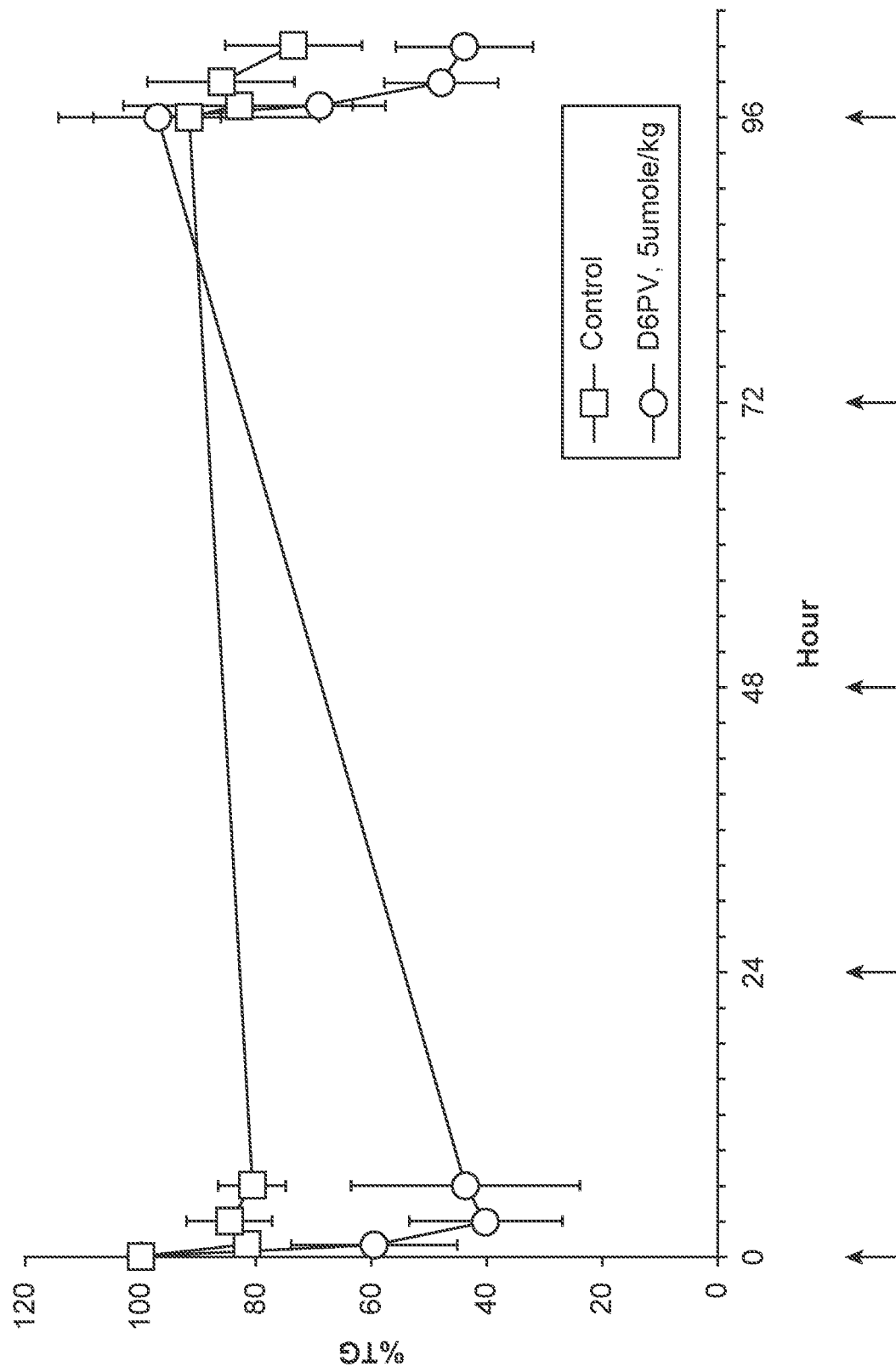


FIG. 44

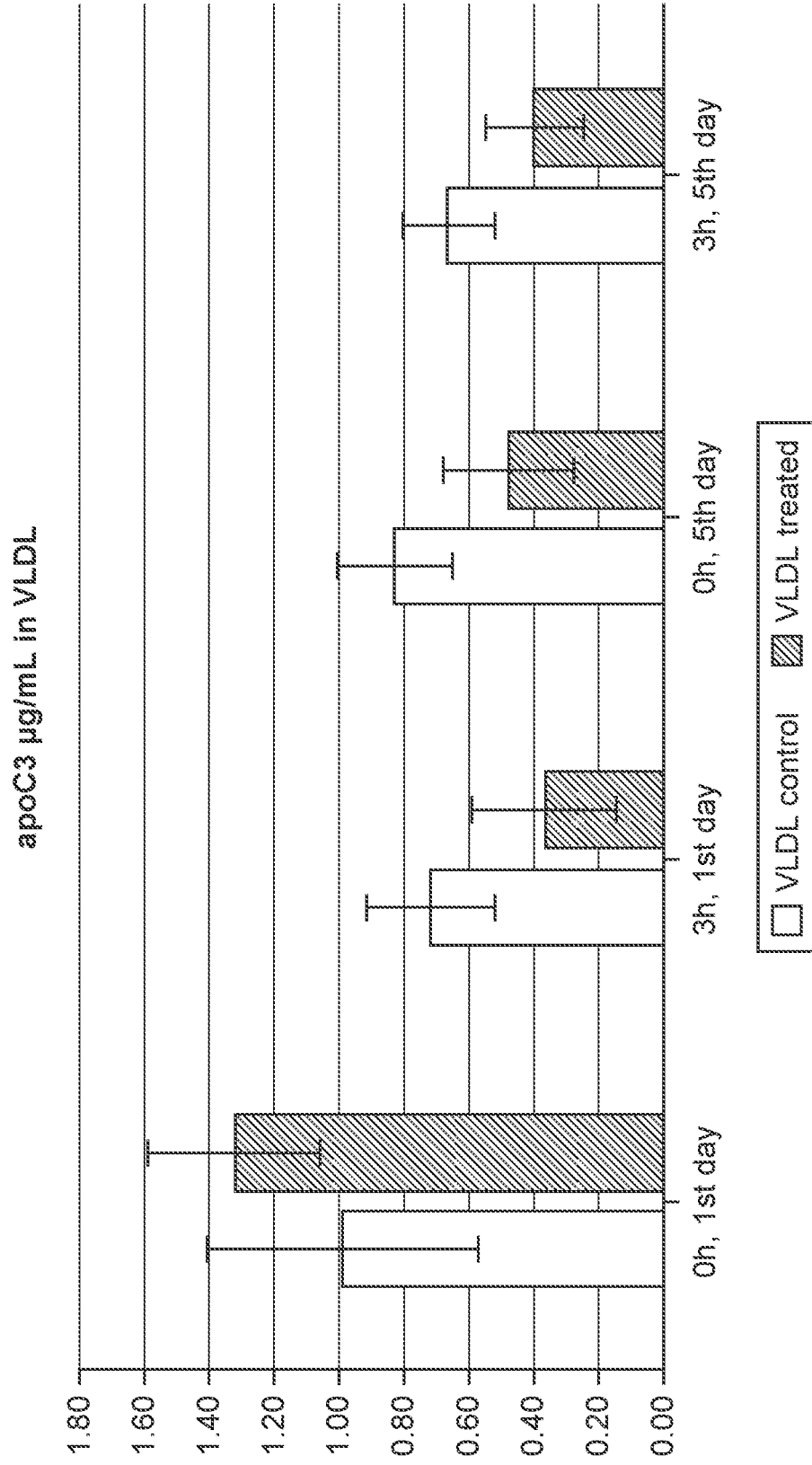


FIG. 45A

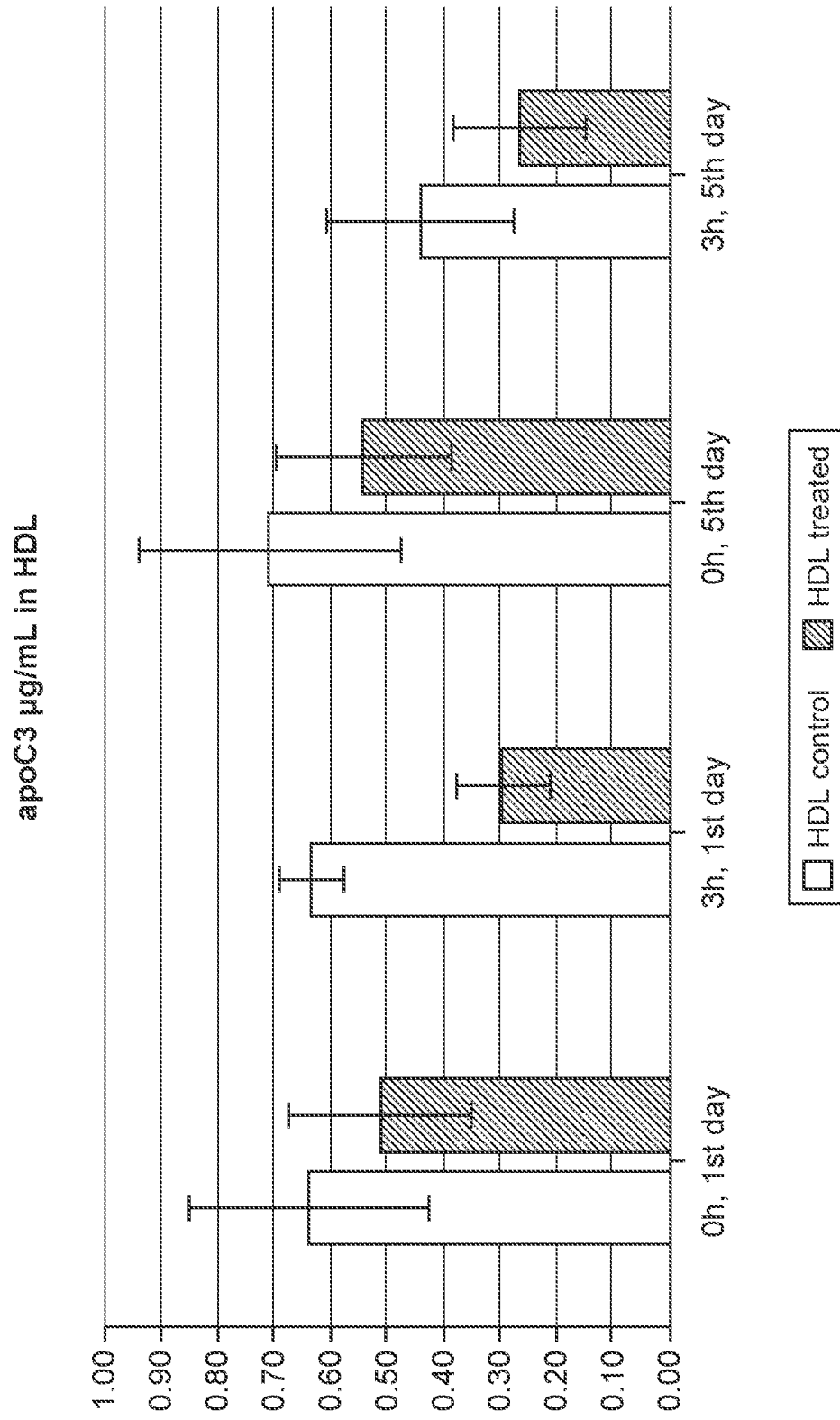


FIG. 45B

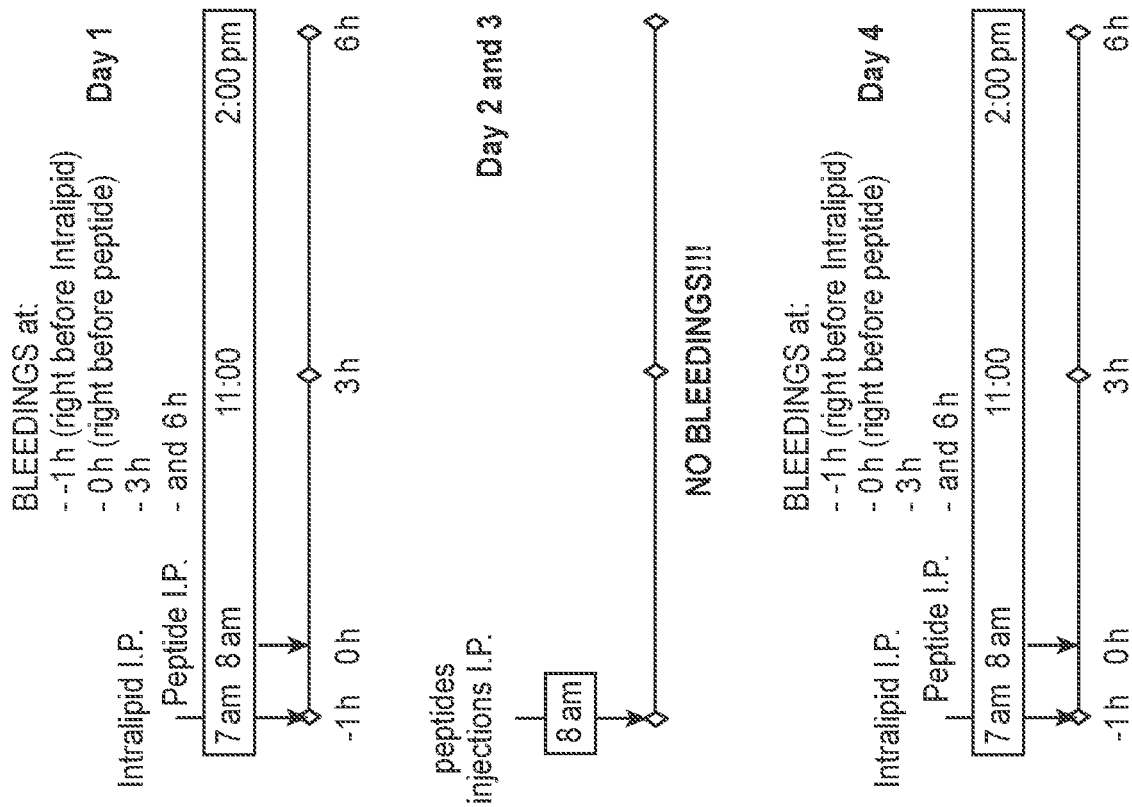


FIG. 46A

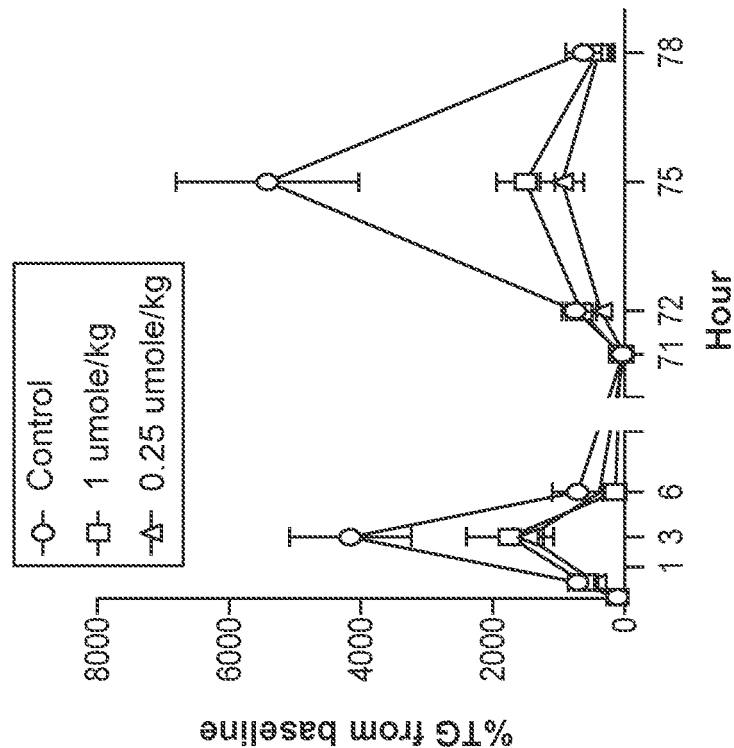


FIG. 46B

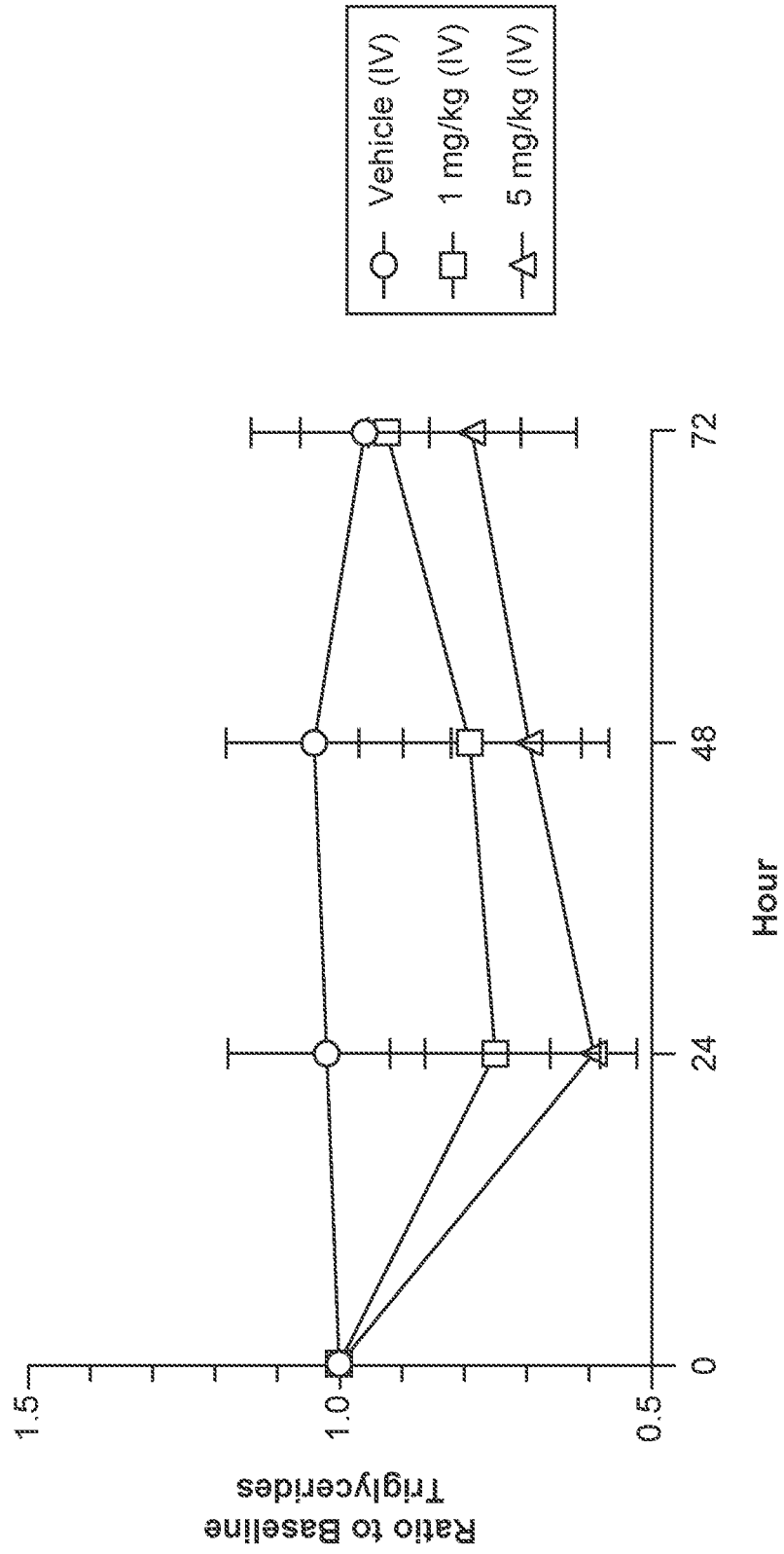


FIG. 47

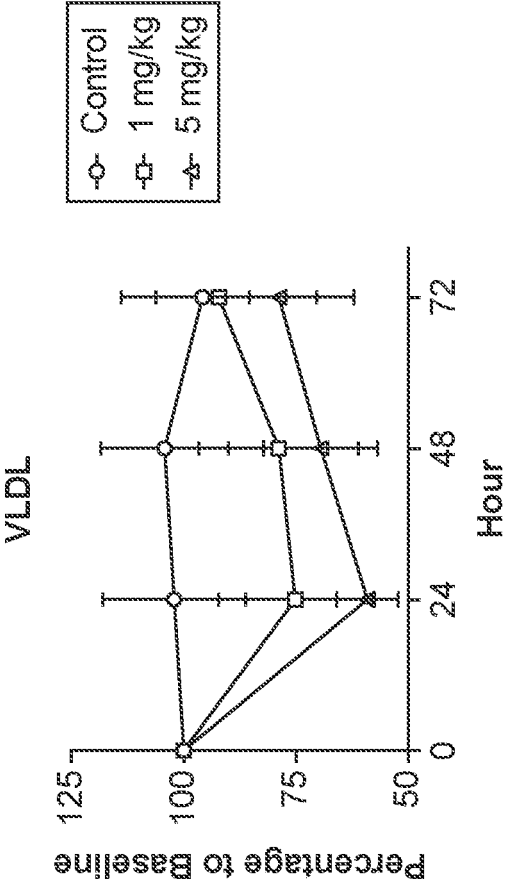


FIG. 48A

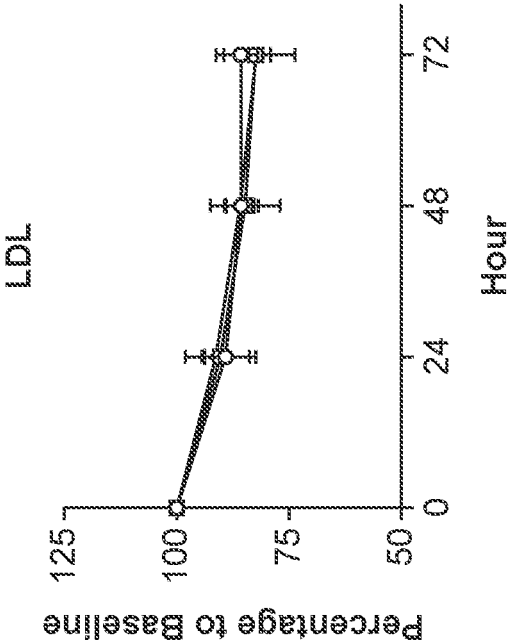


FIG. 48B

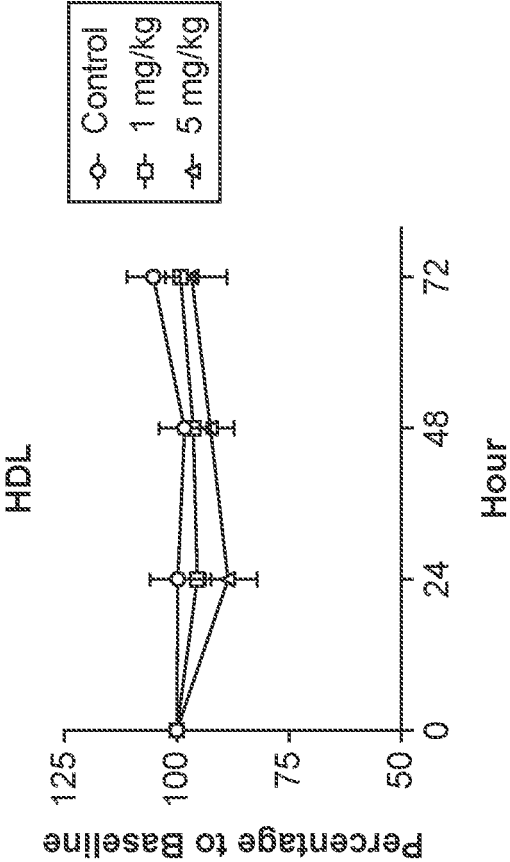


FIG. 48C

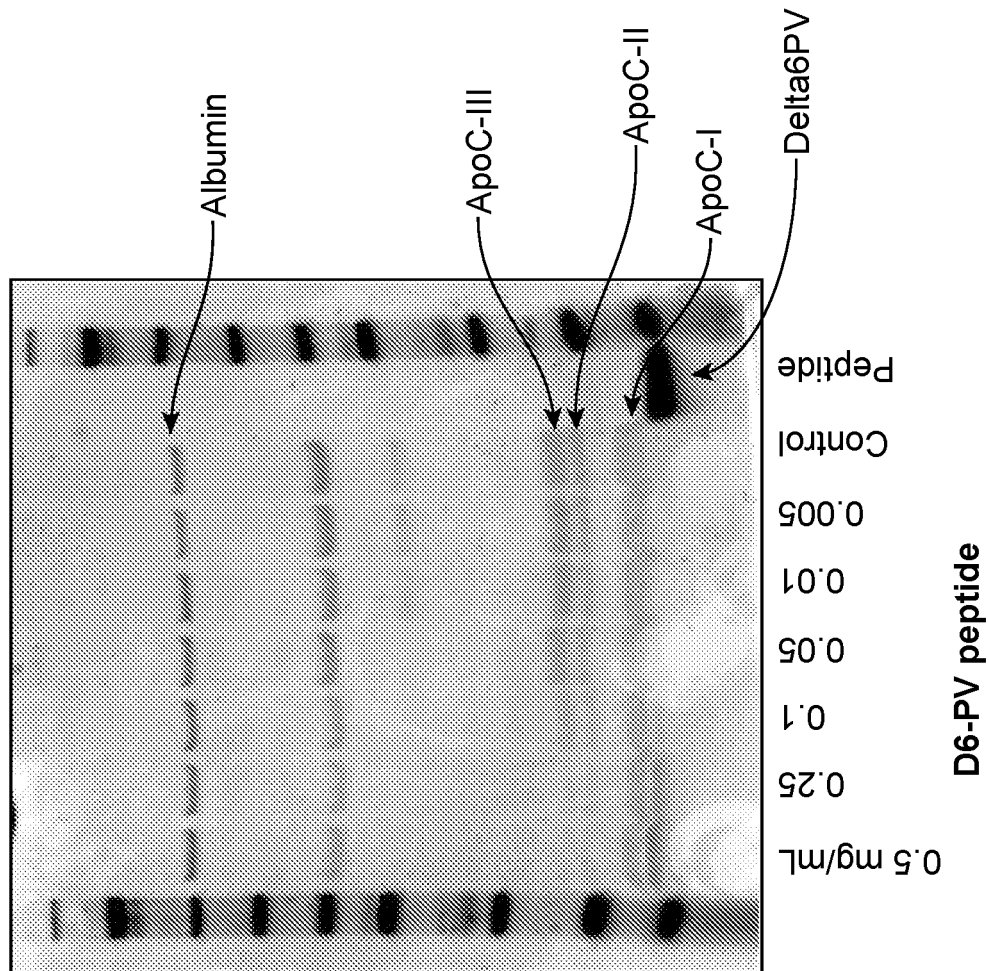


FIG. 49

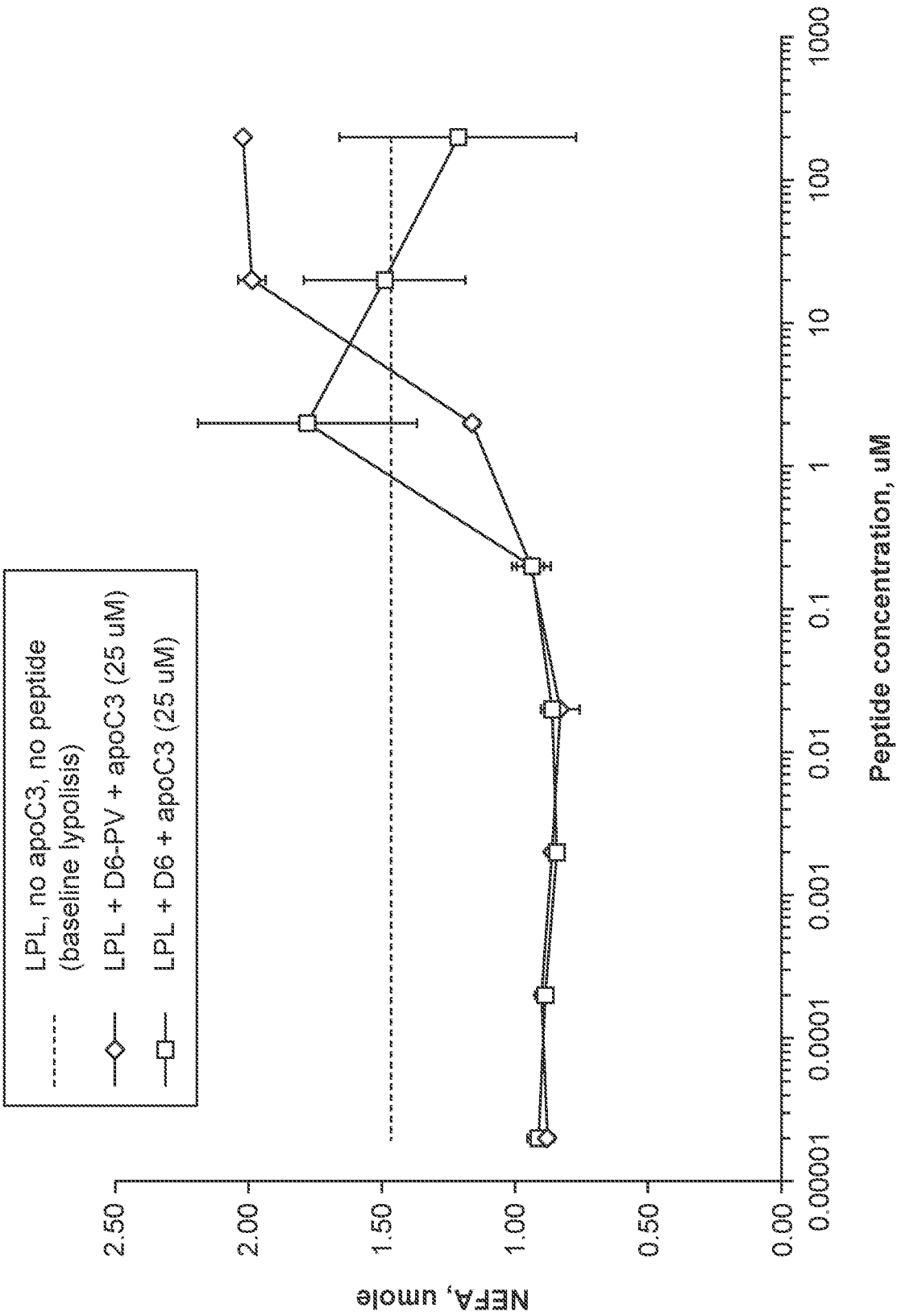


FIG. 50

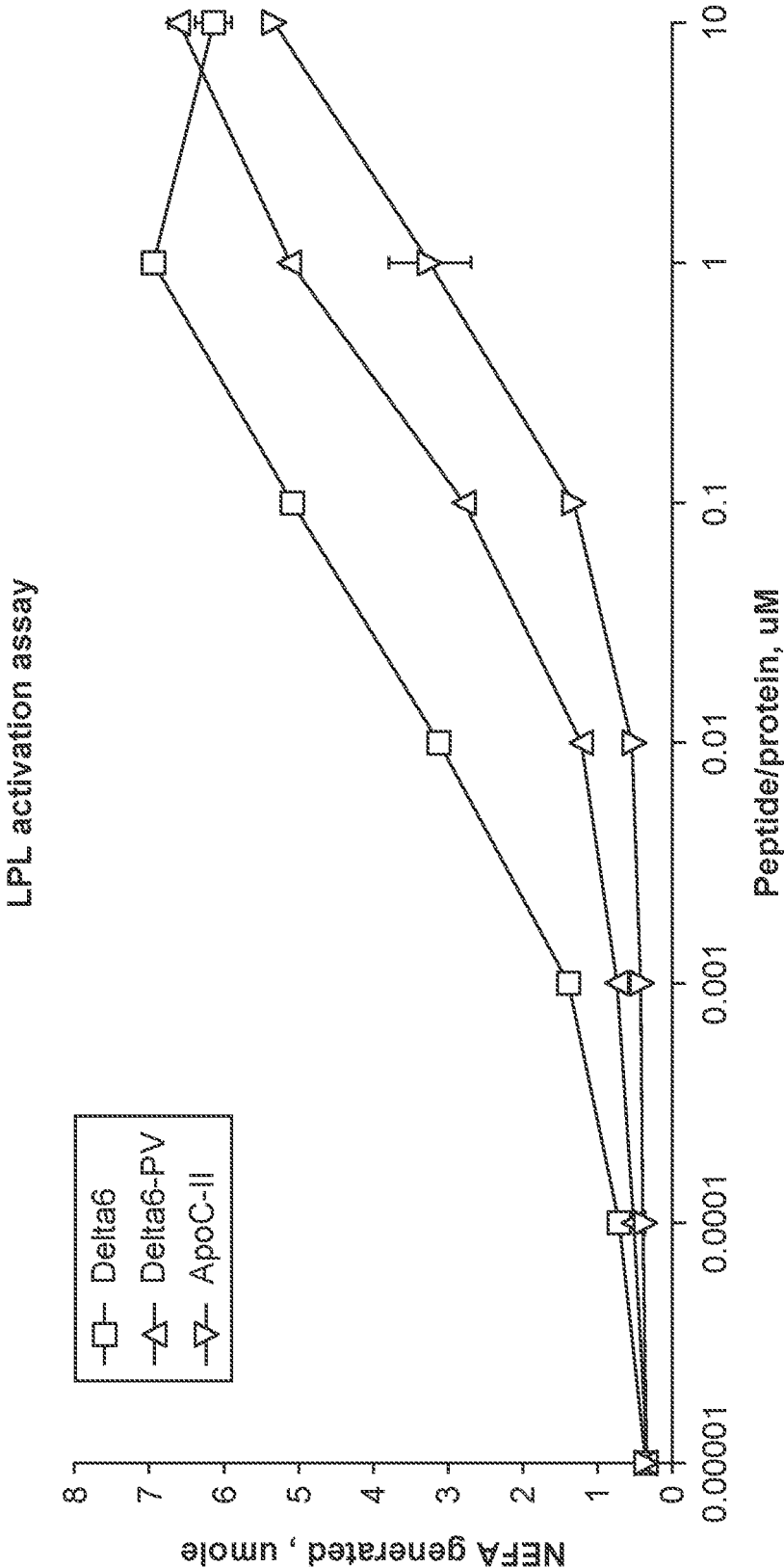


FIG. 51

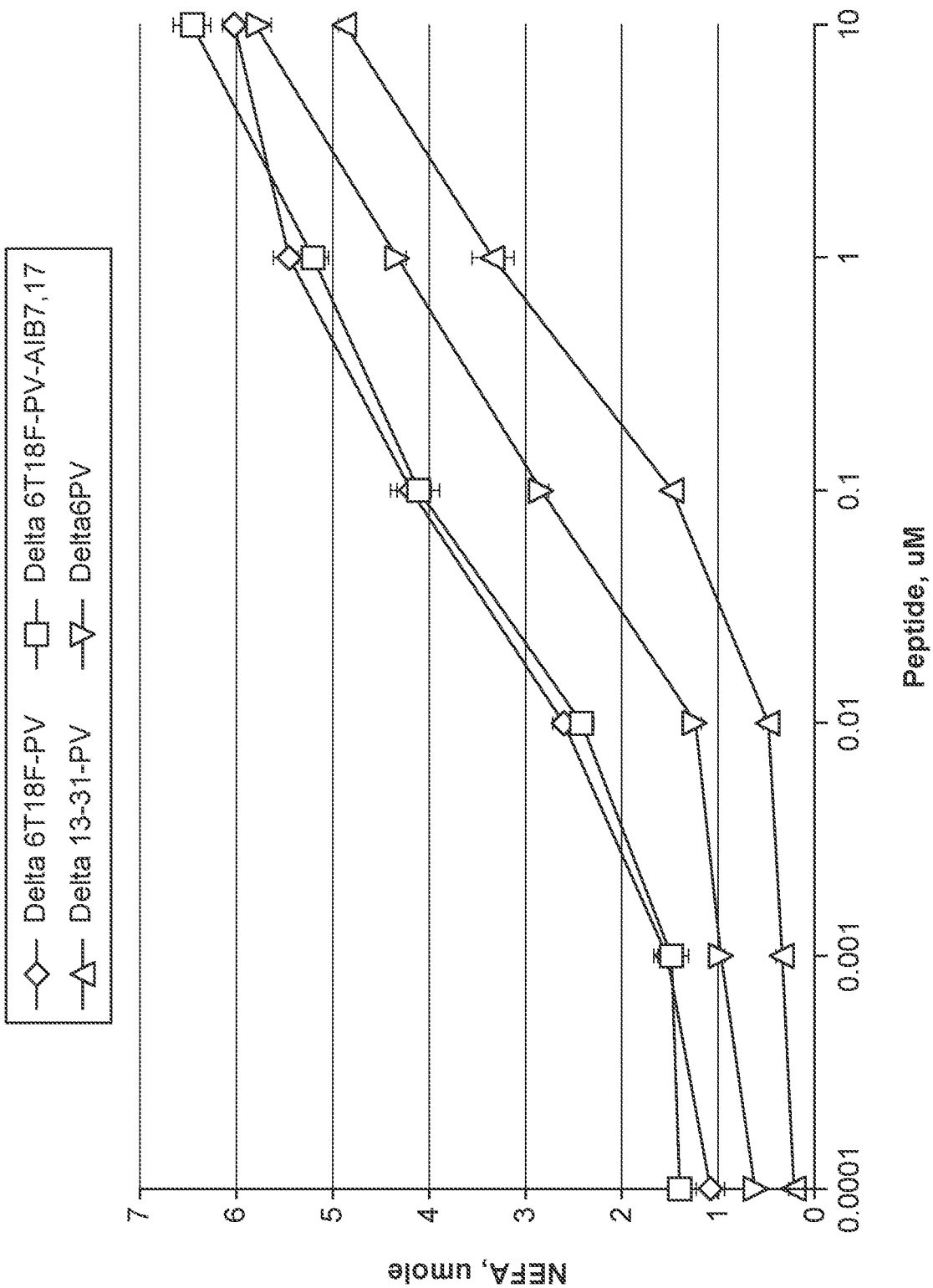


FIG. 52

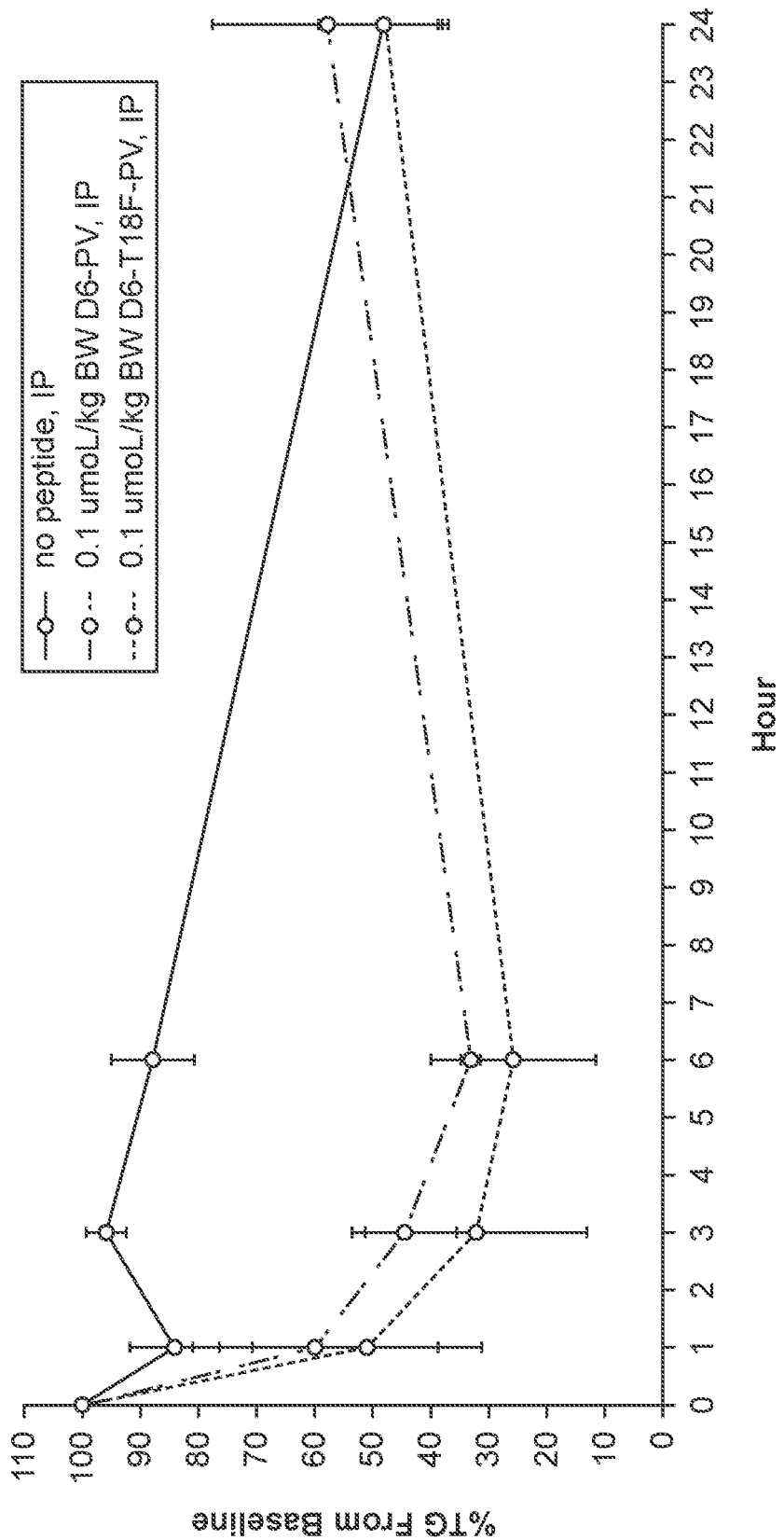


FIG. 53

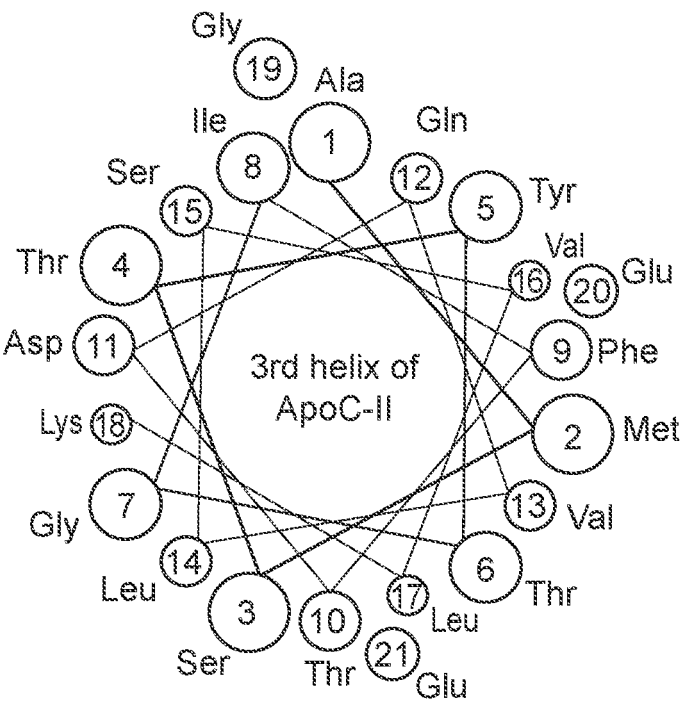


FIG. 54B

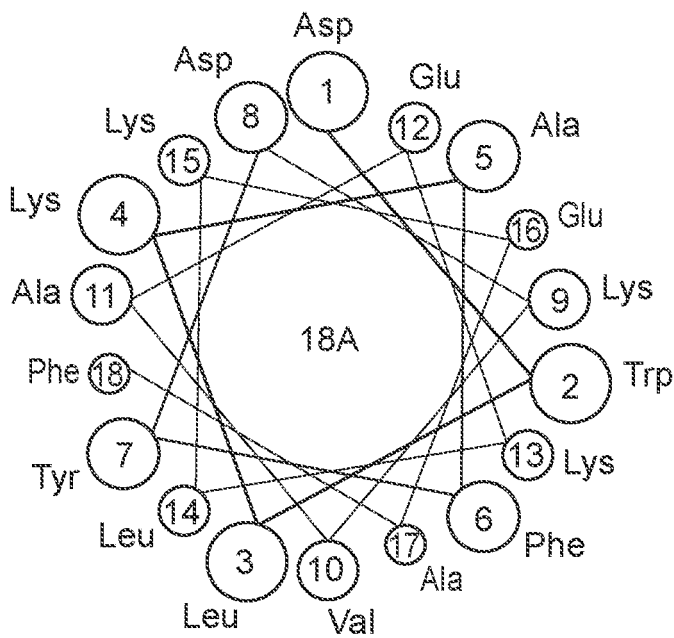


FIG. 54A

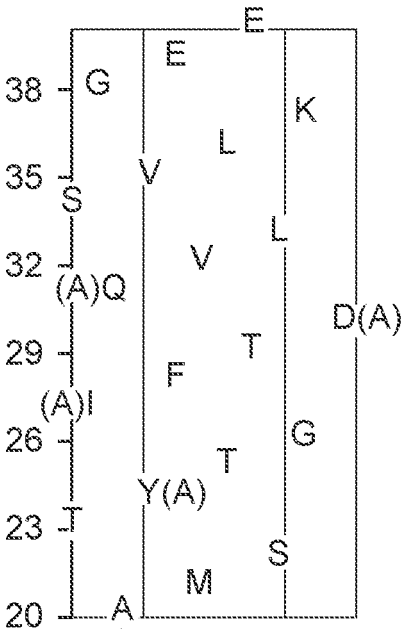
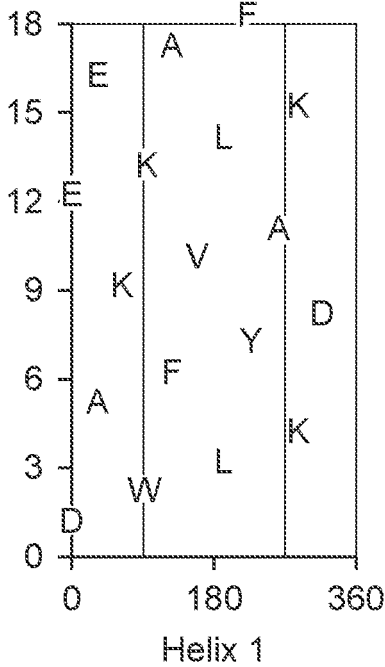


FIG. 54C

Fasting conditions; no food just water

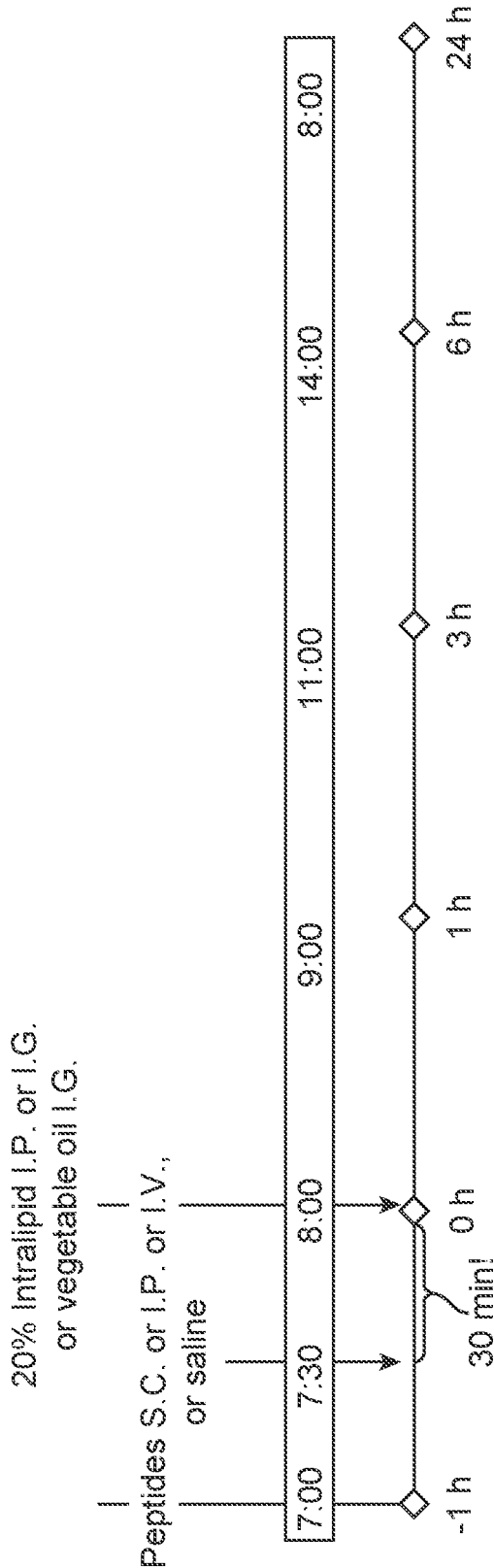


FIG. 55

