

FIG. 1A

Amino acid sequence of FX Variant Protein (SEQ ID NO:1)

1 ANSFLEEMKKGHLERECMEETCSYEEAREVFEDSDKTNEFWNKYKDGDQC 50

51 ETSPCQNQGKCKDGLGEYTCLEGEFGKNCELFTRKLCSLDNGDCDQFC 100

101 HEEQNSVVCARGYTLADNGKACIPTGPYPCGKQTLERRRKRLVGGQ 150

151 ECKDGECPWQALLINEENEGFCGGTILSEFYILTAAHCLYQAKRFKVRVG 200

201 DRNTEQEEGGEAVHEVEVVIKHNRFTKETYDFDIAVLRLKTPITFRMNVA 250

251 PACLPERDWAESTLMTQKTGIVSGFGRTHEKGRQSTRLKMLEVPYVDRNS 300

301 CKLSSSFIITQNMFCAGYDTKQEDACQGDSGGPHVTRFKDTYFVTGIVSW 350

351 GEGCARCKYGIYTKVTAFLLKWIDRSMMKTRGLPKKSHAPEVITSSPLK 399

FIG. 1B

Predicted amino acid sequence of FXa variant protein light chain (SEQ ID NO:2)

001	A	N	S	F	L	E	E	M	K	K	G	H	L	E	R	E	C	M	E	E	T	C	S	Y	E	E	A	R	E	V	030
031	F	E	D	S	D	K	T	N	E	F	W	N	K	Y	K	D	G	D	Q	C	E	T	S	P	C	Q	N	Q	G	K	060
061	C	K	D	G	L	G	E	Y	T	C	T	C	L	E	G	F	E	G	K	N	C	E	L	F	T	R	K	L	C	S	090
091	L	D	N	G	D	C	D	Q	F	C	H	E	E	Q	N	S	V	C	S	C	A	R	G	Y	T	L	A	D	N	120	
121	G	K	A	C	I	P	T	G	P	Y	P	C	G	K	Q	T	L	E	R	R	K	R	K	R						145	

FIG. 1C

Predicted amino acid sequence of FXa variant protein heavy chain (SEQ ID NO:3)

001	L	V	G	G	Q	E	C	K	D	G	E	C	P	W	Q	A	L	L	I	N	E	E	N	E	G	F	C	G	G	T	030
031	I	L	S	E	F	Y	I	L	T	A	A	H	C	L	Y	Q	A	K	R	F	K	V	R	V	G	D	R	N	T	E	060
061	Q	E	E	G	G	E	A	V	H	E	V	E	V	I	K	H	N	R	F	T	K	E	T	Y	D	F	D	I	A	090	
091	V	L	R	L	K	T	P	I	T	F	R	M	N	V	A	P	A	C	L	P	E	R	D	W	A	E	S	T	L	M	120
121	T	Q	K	T	G	I	V	S	G	F	G	R	T	H	E	K	G	R	Q	S	T	R	L	K	M	L	E	V	P	Y	150
151	V	D	R	N	S	C	K	L	S	S	S	F	I	I	T	Q	N	M	F	C	A	G	Y	D	T	K	Q	E	D	A	180
181	C	Q	G	D	S	G	G	P	H	V	T	R	F	K	D	T	Y	F	V	T	G	I	V	S	W	G	E	G	C	A	210
211	R	K	G	K	Y	G	I	Y	T	K	V	T	A	F	L	K	W	I	D	R	S	M	K	T	R	G	L	P	K	A	240
241	K	S	H	A	P	E	V	I	T	S	S	P	L	K																254	

FIG. 1D

cDNA encoding FX variant protein (SEQ ID NO:4)

ATGGCGCACGTCCGAGGCTTGCAGCTGCCTGGCTGCCCTGGCTGCCCTGTGTAGCCTTG
TGCACAGCCAGCATGTGTCTCCTGGCTCCTCAGCAAGCACGGTCGCTCCTCCAGCGGTCCGGCG
AGCCAAATTCCTTTCTTGAAGAGATGAAGAAAGACACCTCGAAAGAGAGTGCATGGAAGAGACC
TGCTCATACGAAGAGGCCCGGAGGTCTTTGAGGACAGCGACAGACGAATGAATCTGGAATA
AATACAAAGATGCGGACCAGTGTGAGACCAGTCTTGCCAGAACCCAGGCAAAATGTAAAGACGG
CCTCGGGGAATACACCTGCACCTGTTTAGAAGATTGGAAGGCAAAAACCTGTGAATTATTCACA
CGAAAGCTCTGCAGCCTGGACAAACGGGACTGTGACCACTTCTGCCACGAGGAACAGAACTCTG
TGGTGTCTCCTGCGCCCGGGTACACCTGGCTGACAAACGGCAAGGCCCTGCATTCCCACAGG
GCCCTACCCCTGTGGAAACAGACCCCTGGAACGCAAGGAAGCGCTAAGCGTCTCGTGGAGGC
CAGGAATGCAAGACGGGGAGTGTCCCTGGCAGGCCCTGCTCATCAATGAGGAAAACGAGGGTT
TCTGTGGTGGAACTATTCTGAGCGAGTTCTACATCTTAACGGCAGCCACTGTCTTACCAAGC
CAAGAGATTCAAGGTGAGGGTAGGTGACCGGAAACACGGAGCAGGAGGCGGTGAGGCGGTG
CACGAGGTGAGGTGGTCAACAAGCACAAACCGGTTCACAAAGGAGACCTATGACTTCGACATCG
CCGTGCTCCGGCTCAAGACCCCATCACCTTCCGCATGAACGTGGCGCCTGCCCTCCCCGA
GGTGACTGGGCCGAGTCCACGCTGATGACGCAAGACGCGGATGTGAGCGGCTTCGGGCGC
ACCCACGAGAAGGCCCGCAGTCCACCAAGGCTCAAGATGCTGAGGTGCCCTACGTGGACCGCA
ACAGCTGCAAGCTGTCCAGCAGCTTCATCATCAACCAGAACATGTTCTGTGCCGGCTACGACAC
CAAGCAGGAGGATGCCCTGCCAGGGGACAGCGGGGCCCGCACGTCACCCGCTTCAAGGACACC
TACTTCGTGACAGGCATCGTCAGCTGGGGAGAGGGCTGTGCCCGTAAGGGGAAGTACGGGATCT
ACACCAAGGTCACCGCCTTCTCCTCAAGTGGATCGACAGGTCCATGAAAACCCAGGGCTTGCCCCA
GGCCAAGAGCCATGCCCCGGAGGTCATAACGTCTCTCCATTAAAGTGA

FIG. 2

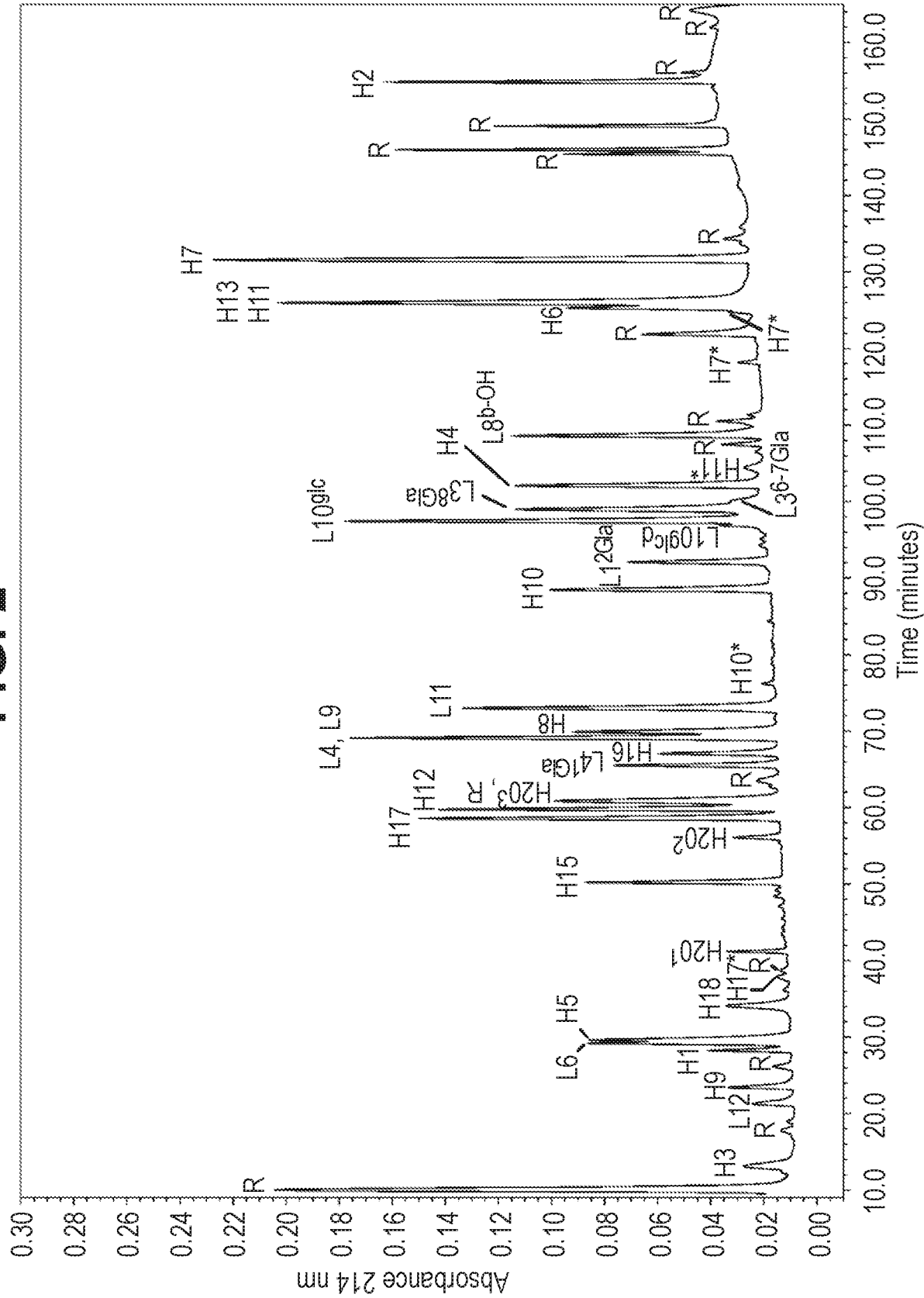


FIG. 3

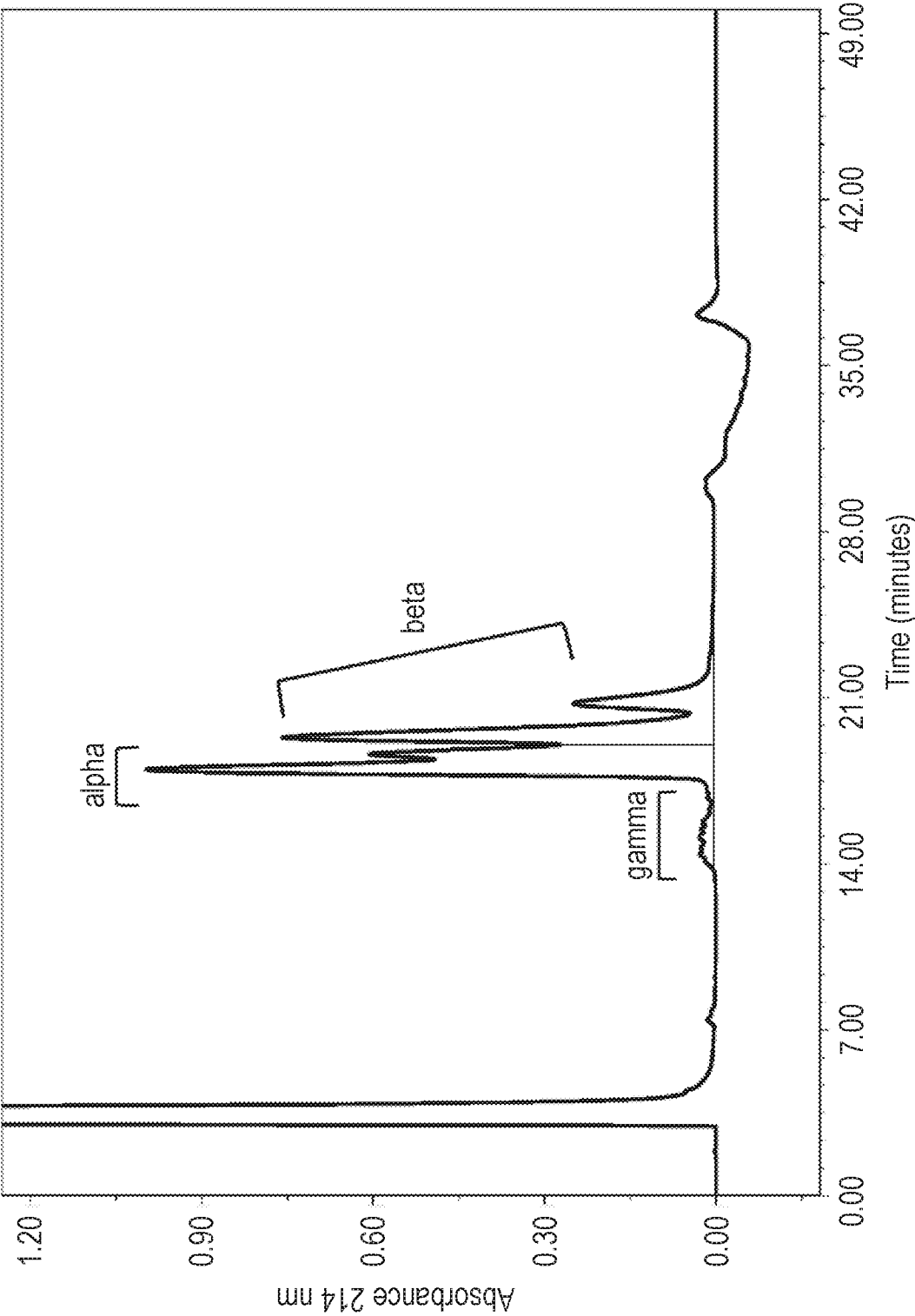


FIG. 4

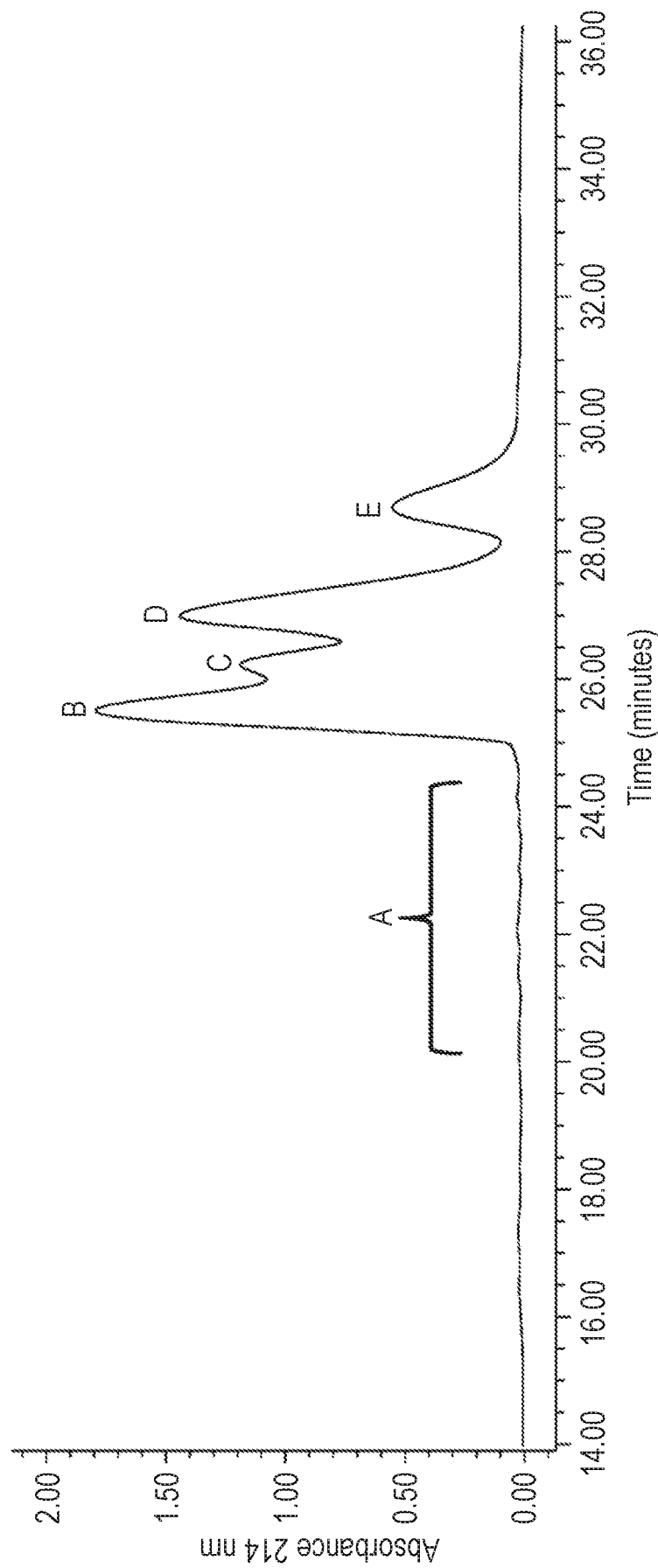
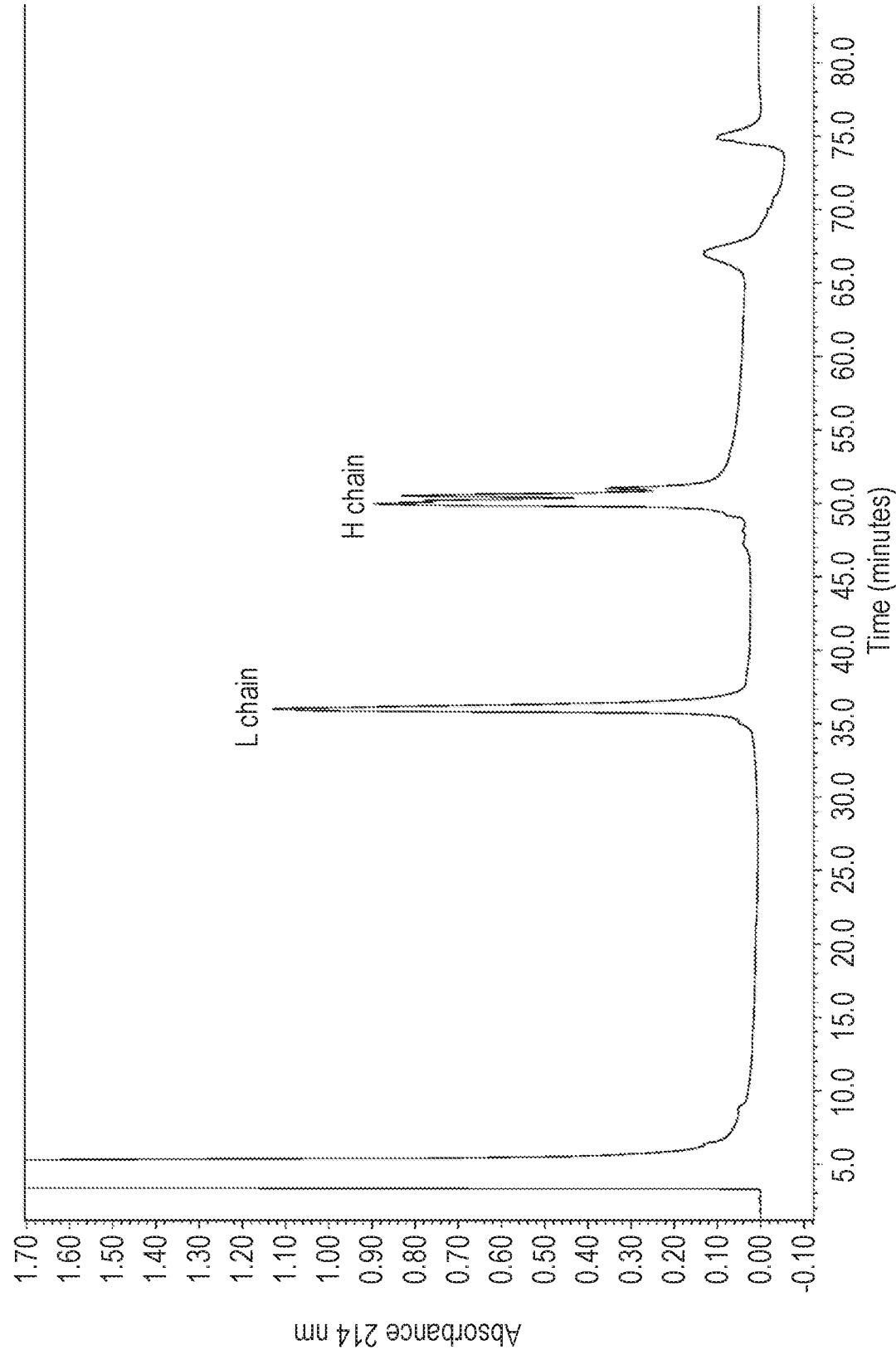


FIG. 6



9/10

FIG. 7A

Light Chain

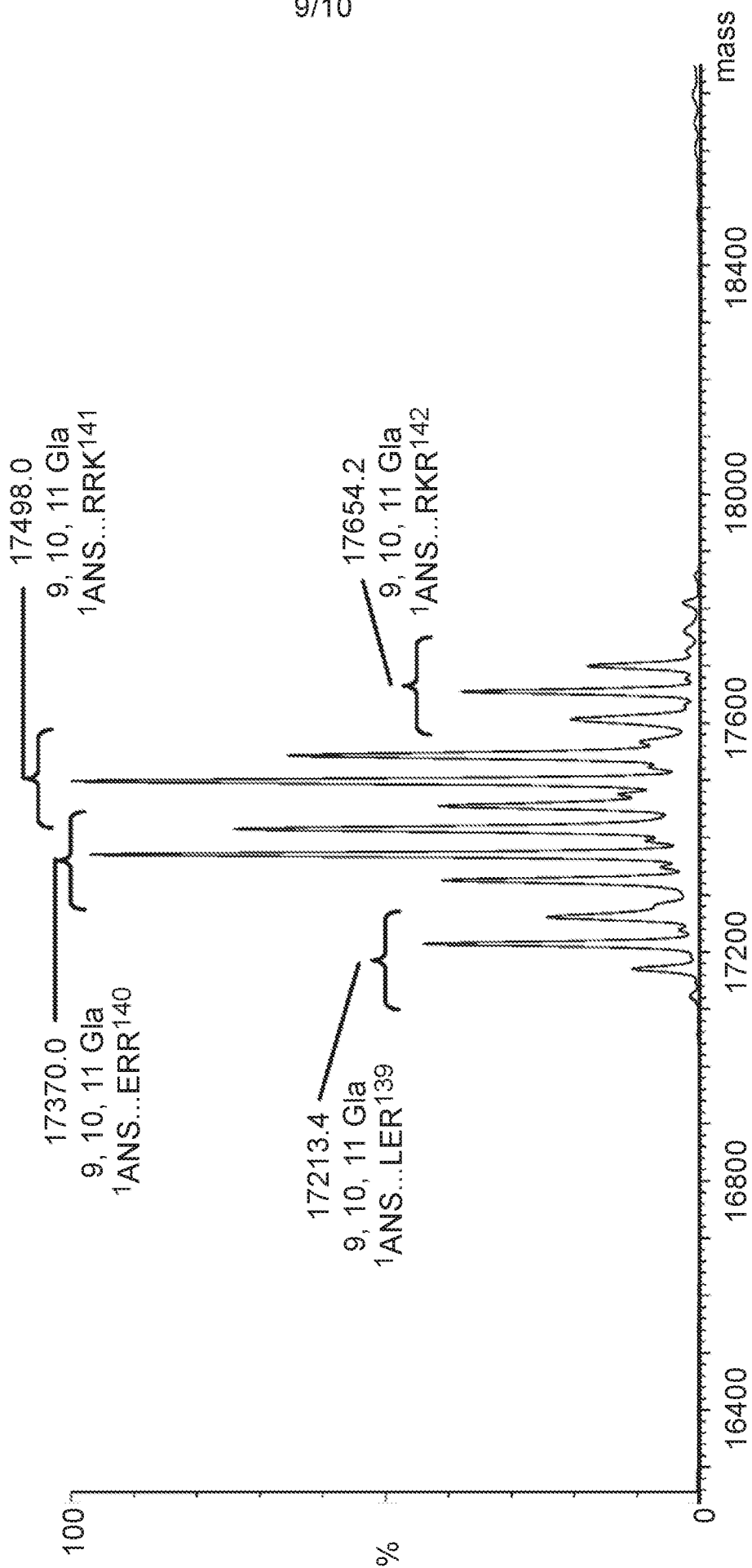


FIG. 7B
Heavy Chain

