

FIG. 1

MPSSVSWGILLLAGLCCLVPVSLA EDPQGDAAQKTDTS~~HH~~DQDHPTFNKITPNLAEFAFSLYR
QLAHQS**N**STNIEFFSPVSIATAFAMLSLGTKADTHDEILEGLNF**N**LTEIPEAQIHEGFQELLRTL
NQPDSQLQLTTGNGLFLSEGLKLVDKFLEDVKKLYHSEFTVNFGDTEEAKKQINDYVEKGTQG
KIVDLVKELDRDRTVFALVNYIFFFKGKWERPFVVKDTEEEEDFHVDQVTTVKVPMMKRLGMFNIQH
CKKLSSWLLMKYLG**N**ATAIFFLPDEGKLQHLENELTHDIITKFLNEDRRSASLHLPKLSITG
TYDLKSVLGQLGITKVFSNGADLSGVTEEAPLKLSKAVHKAVLTIDEKGTEAAGAM**F**LEAIP**MS**
IPPEVKFNKPFVFLMIEQNTKSPLFMGKVVNPTQK

1–24 signal peptide

E25–K418 mature peptide

N70 glycosylation

N107 glycosylation

N271 glycosylation

C256 S-nitrosylation

G368–K392 reactive center loop

F376 proteolytic cleavage site

M382–S383 reactive bond

FIG. 2

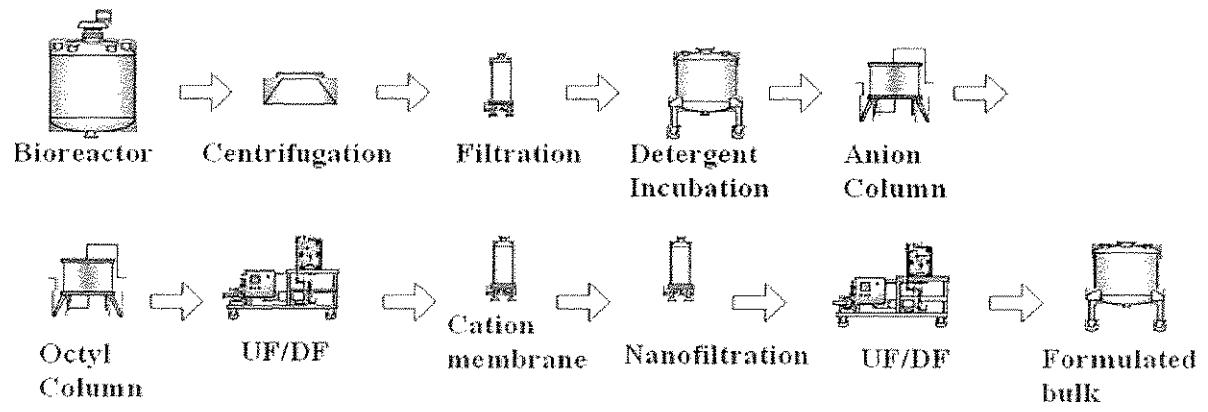


FIG. 3

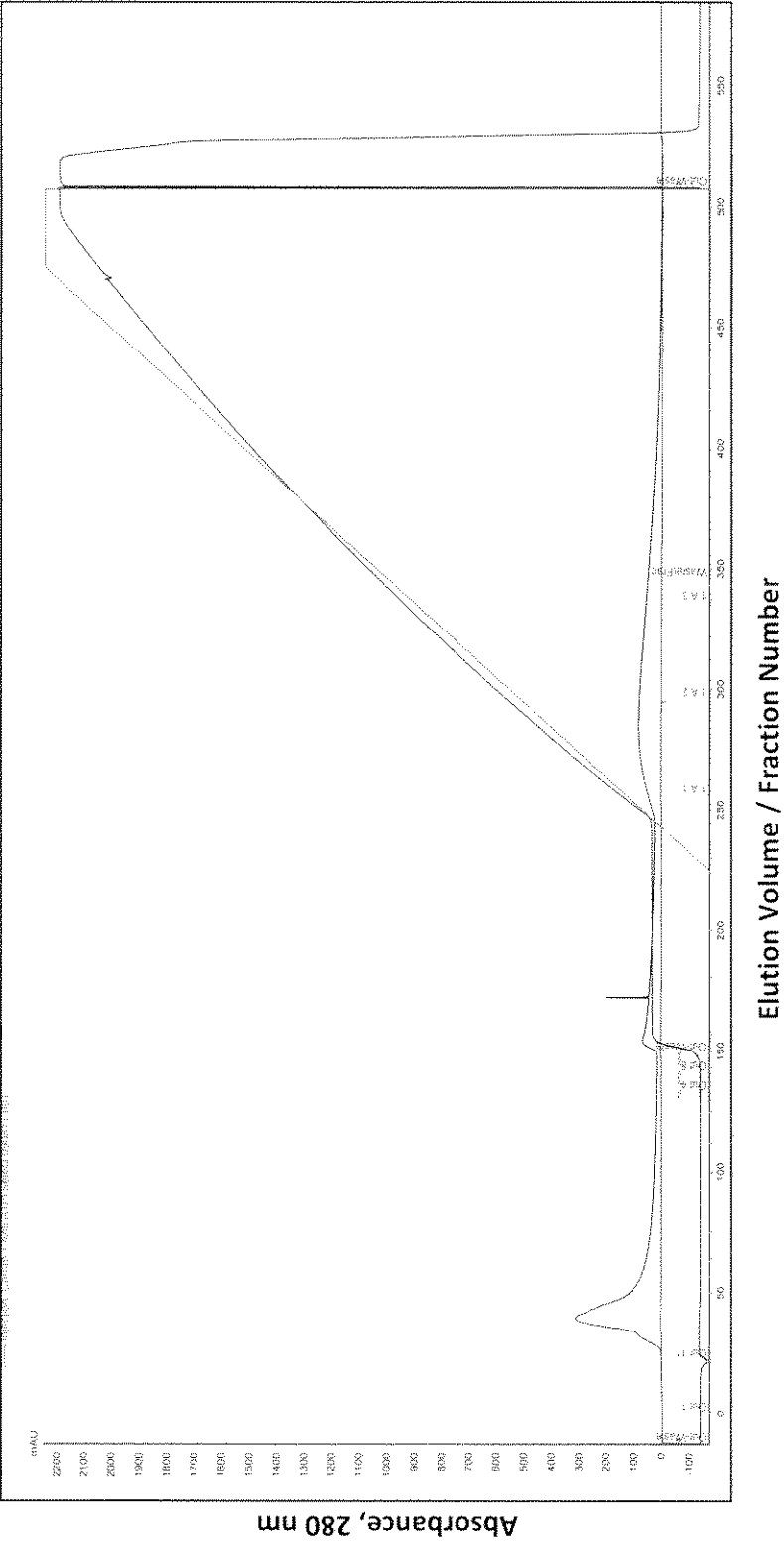


FIG. 4

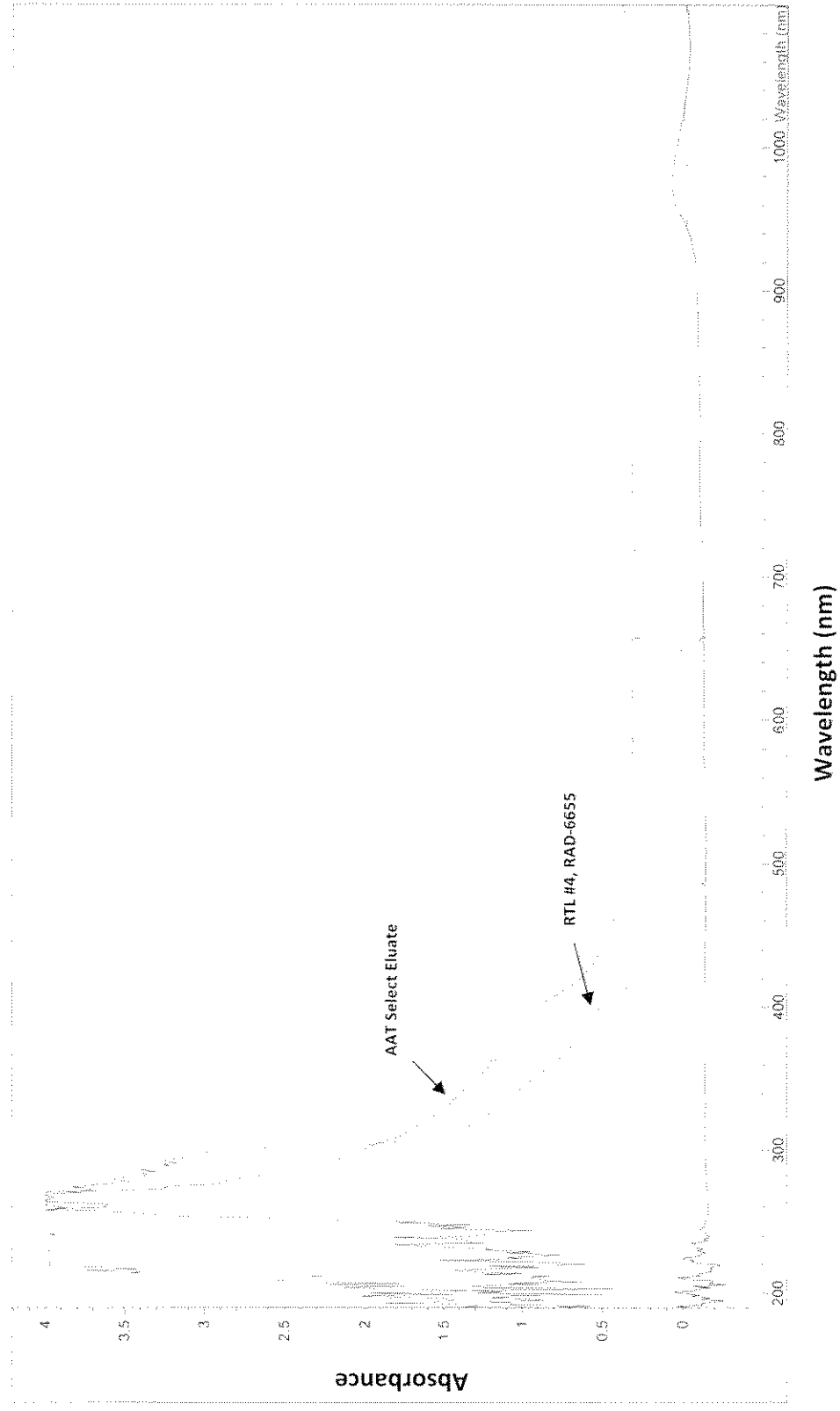


FIG. 5

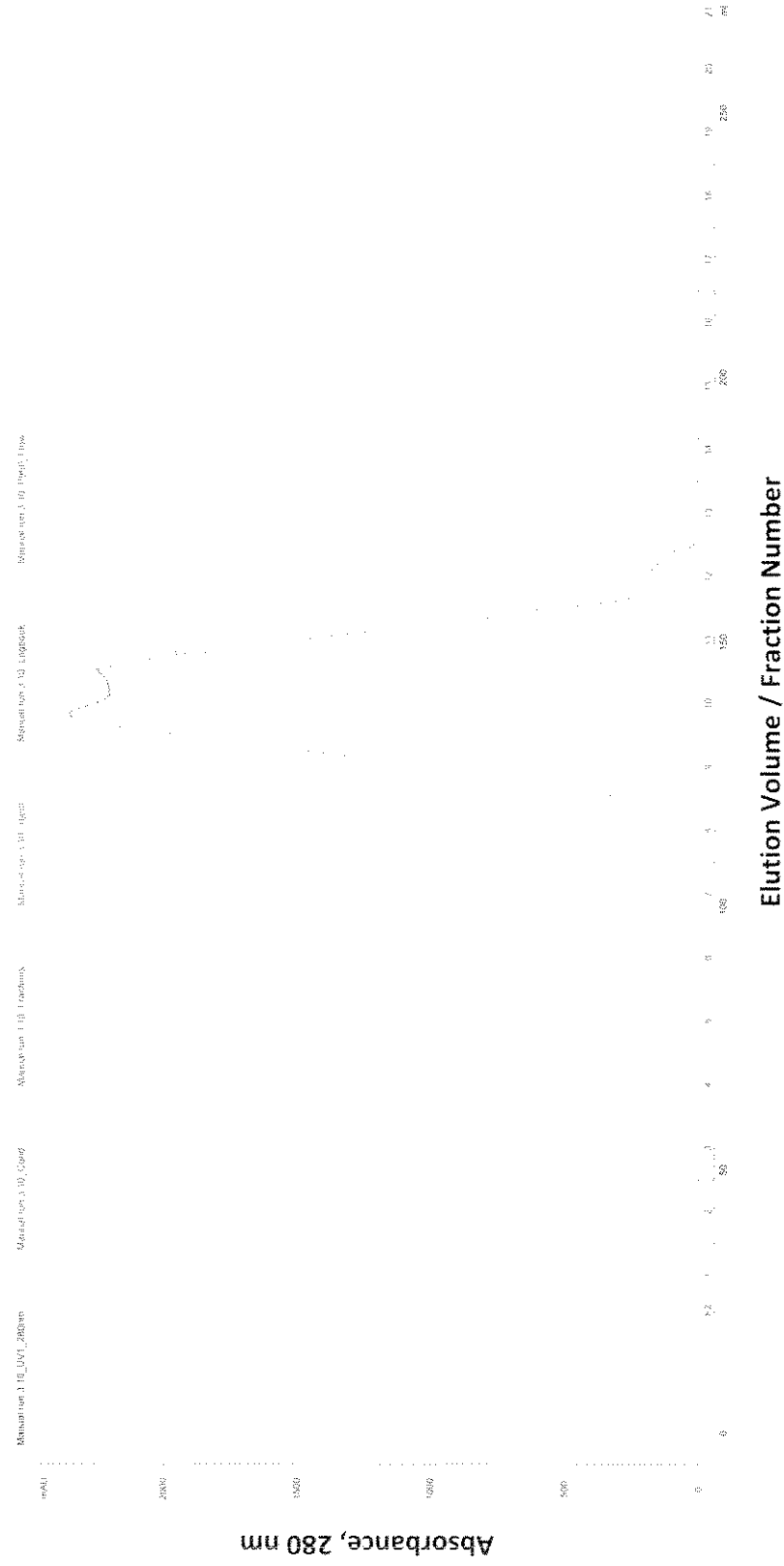


FIG. 6

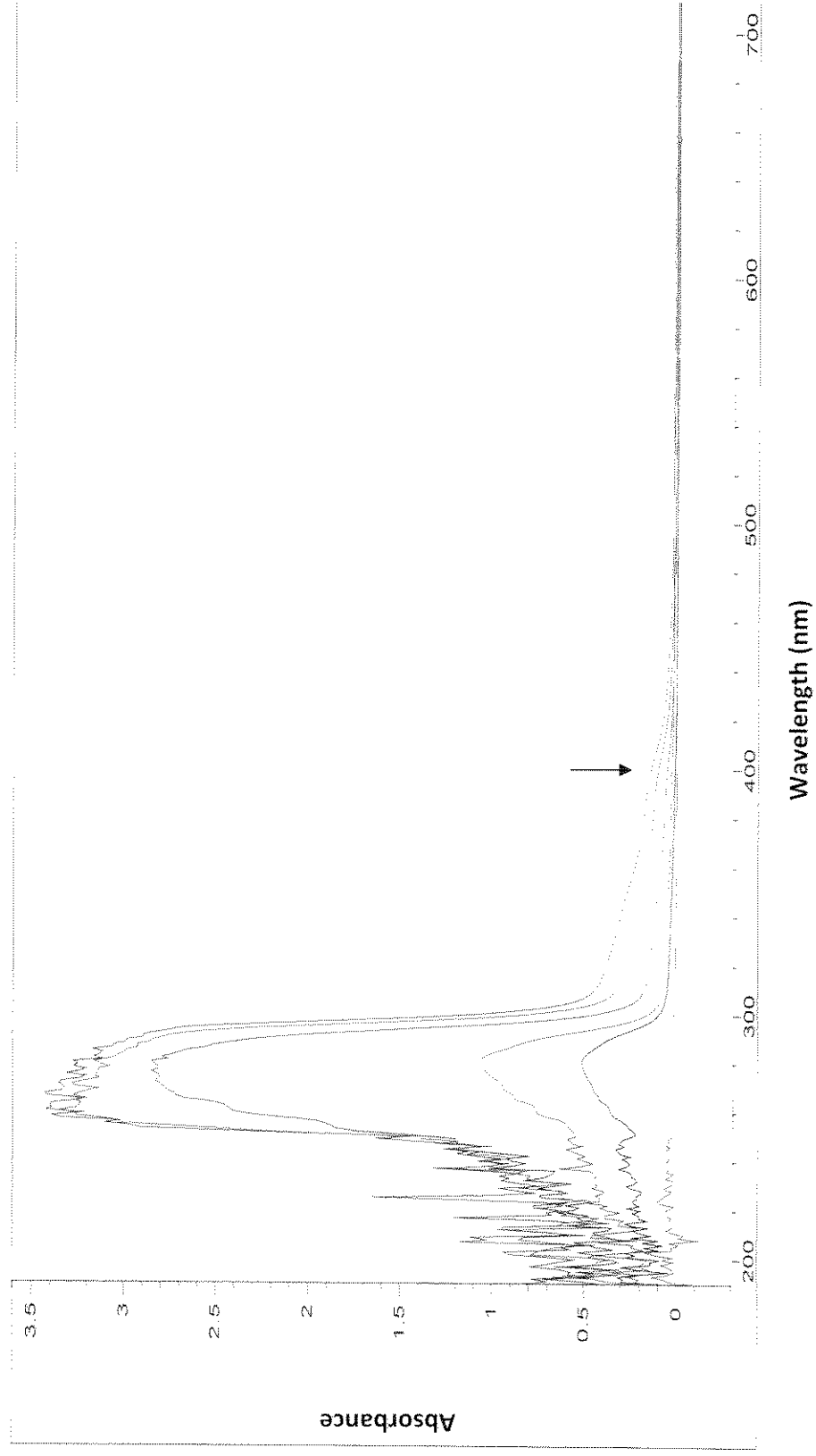


FIG. 7

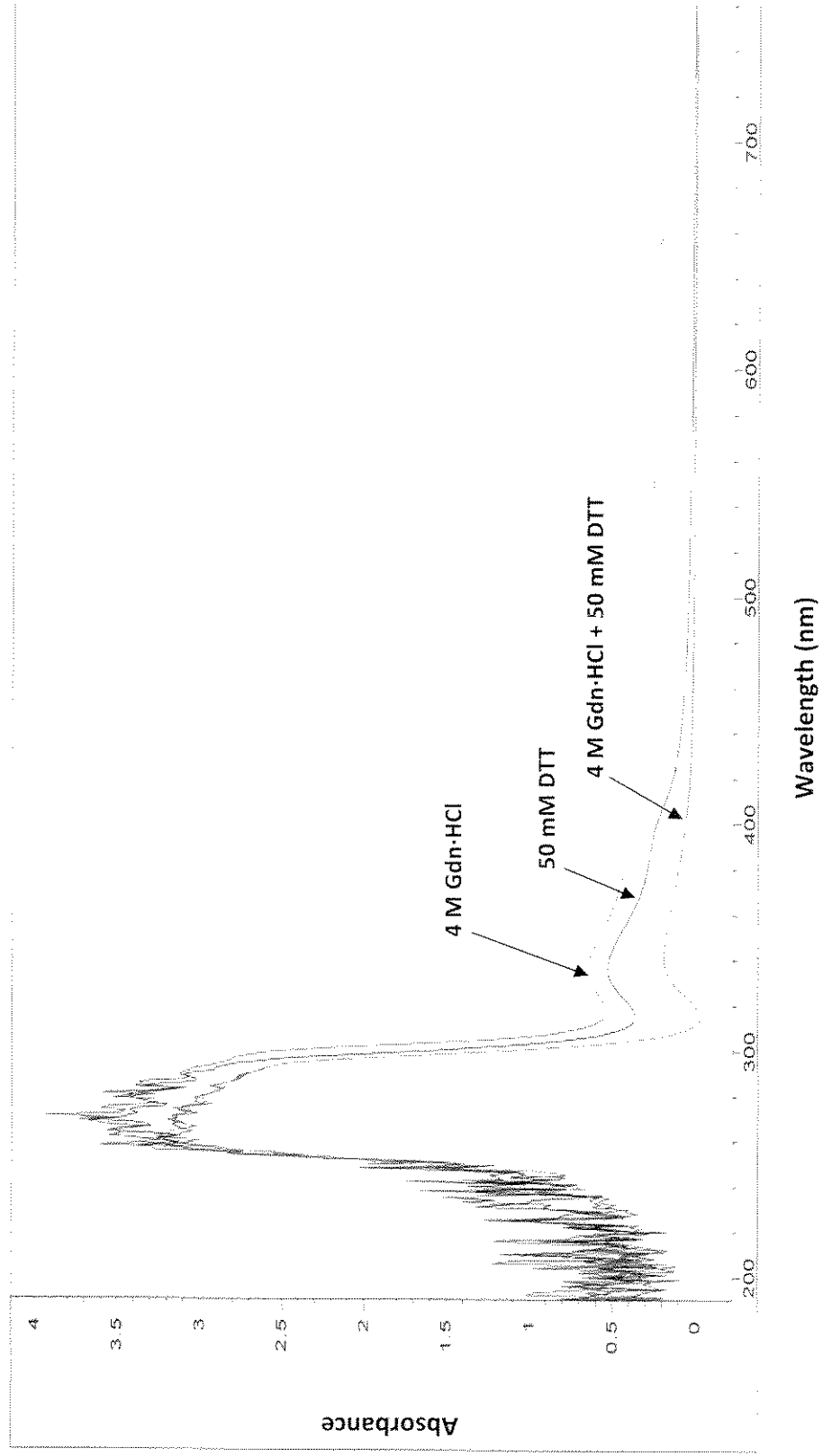


FIG. 8

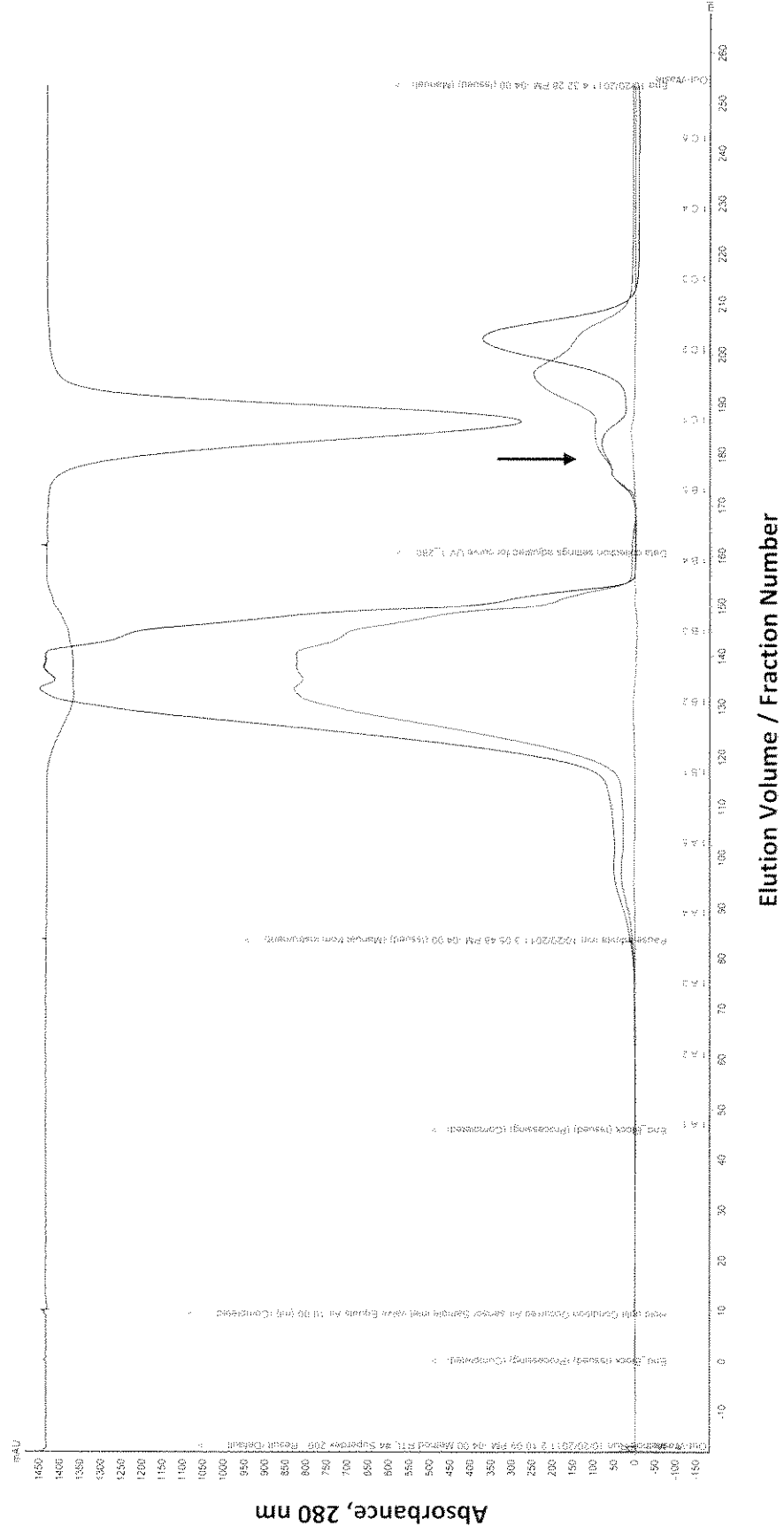


FIG 9

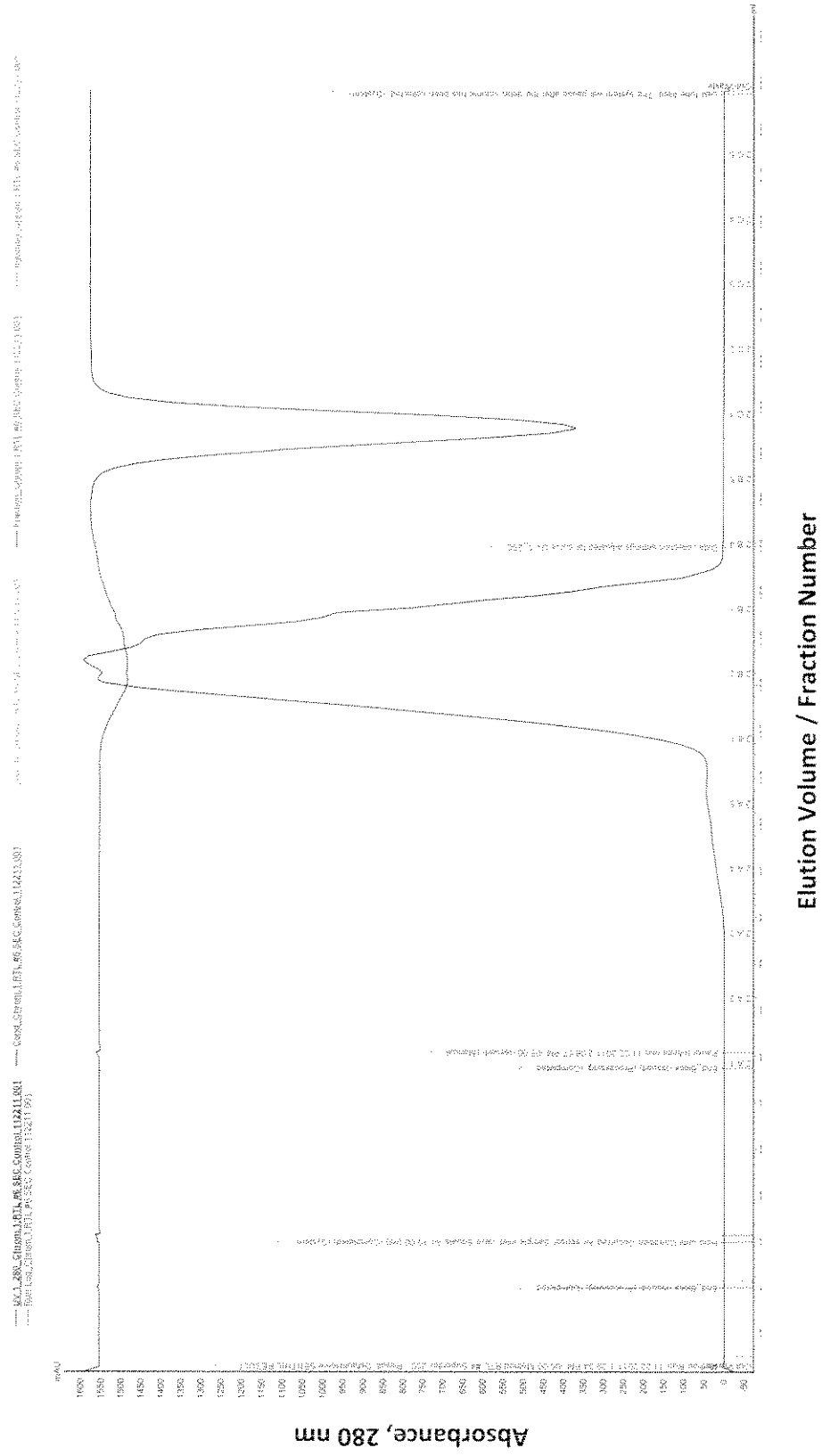


FIG. 10

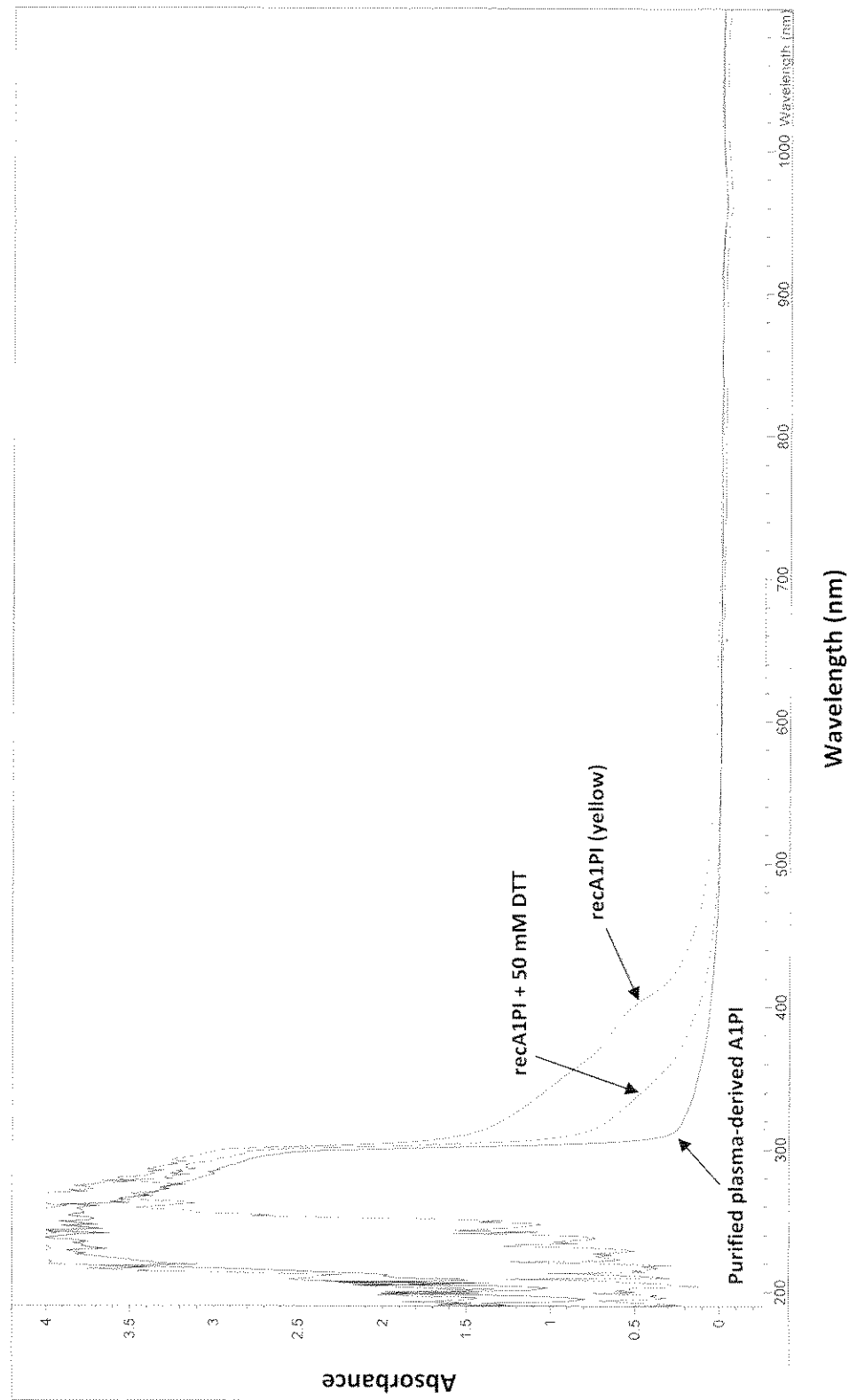


FIG. 11

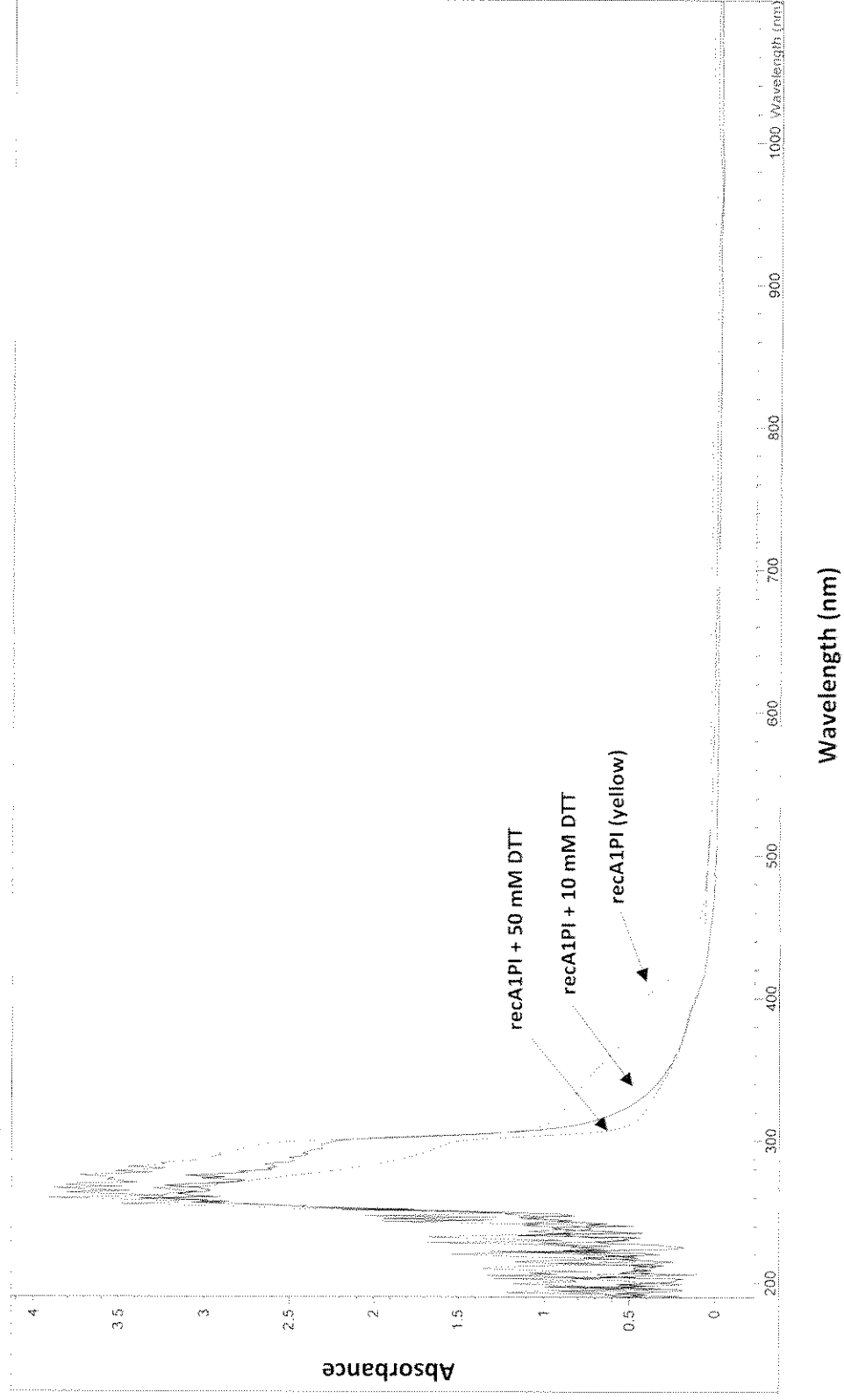


FIG. 12

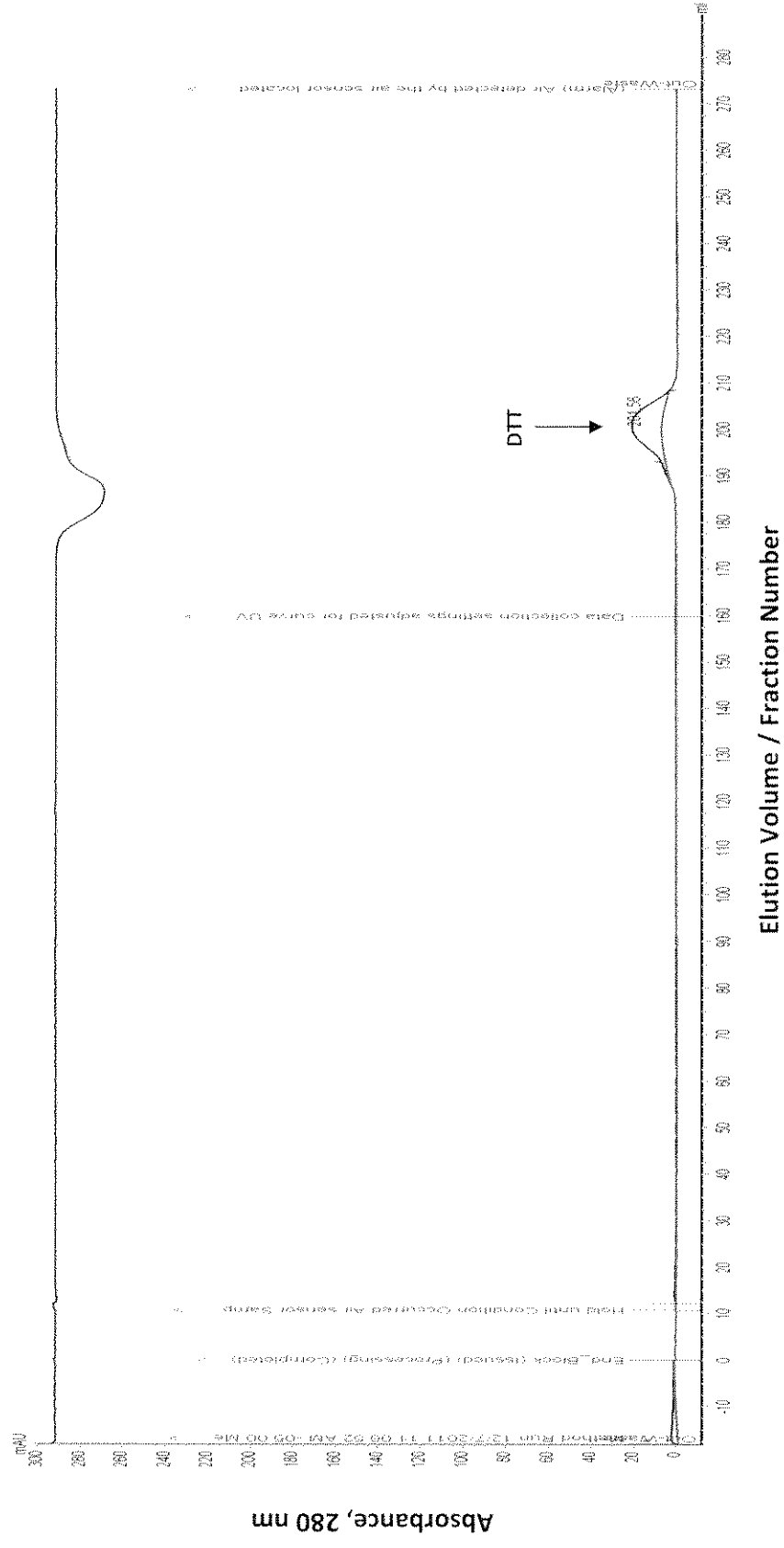
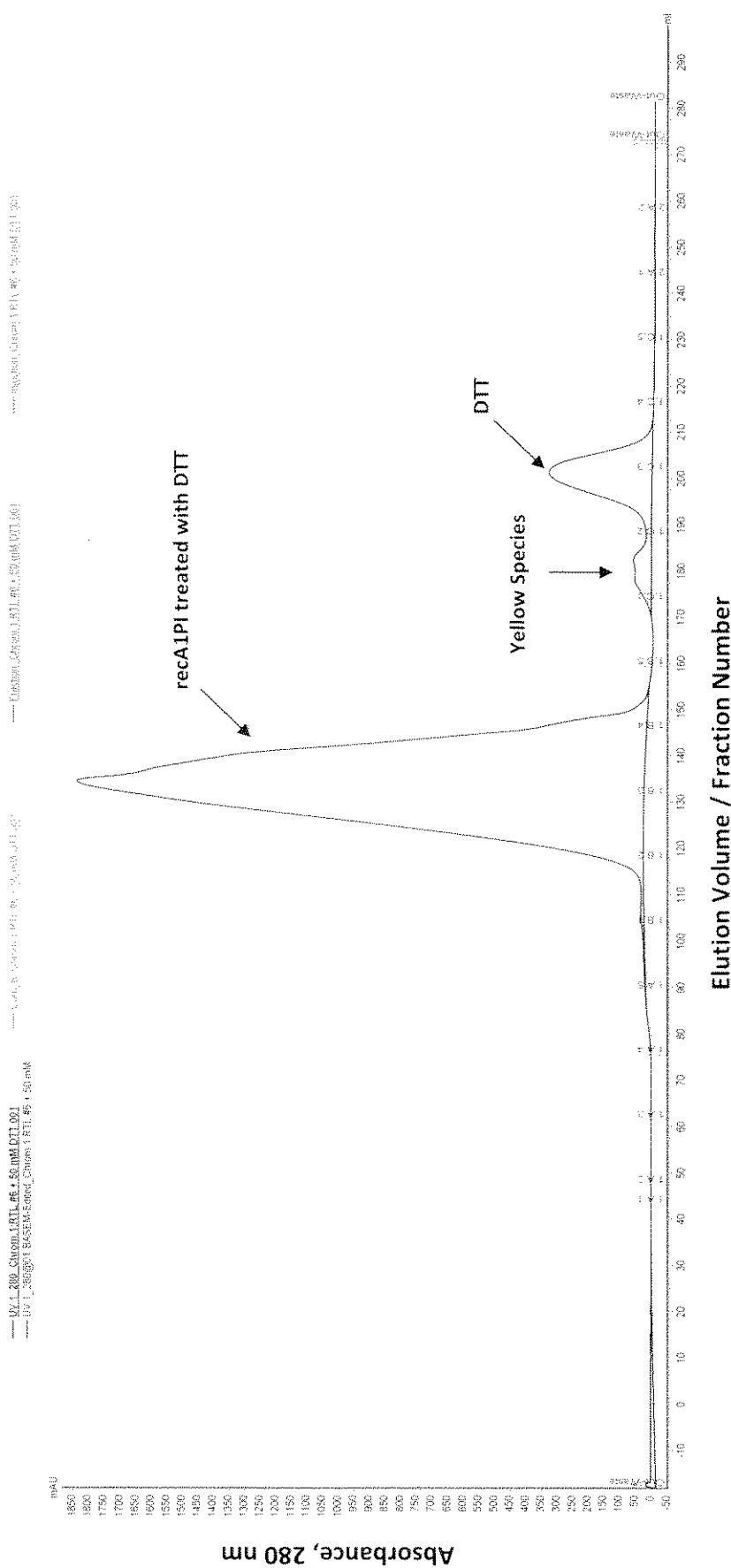


FIG. 13



[illegible]

FIG. 15

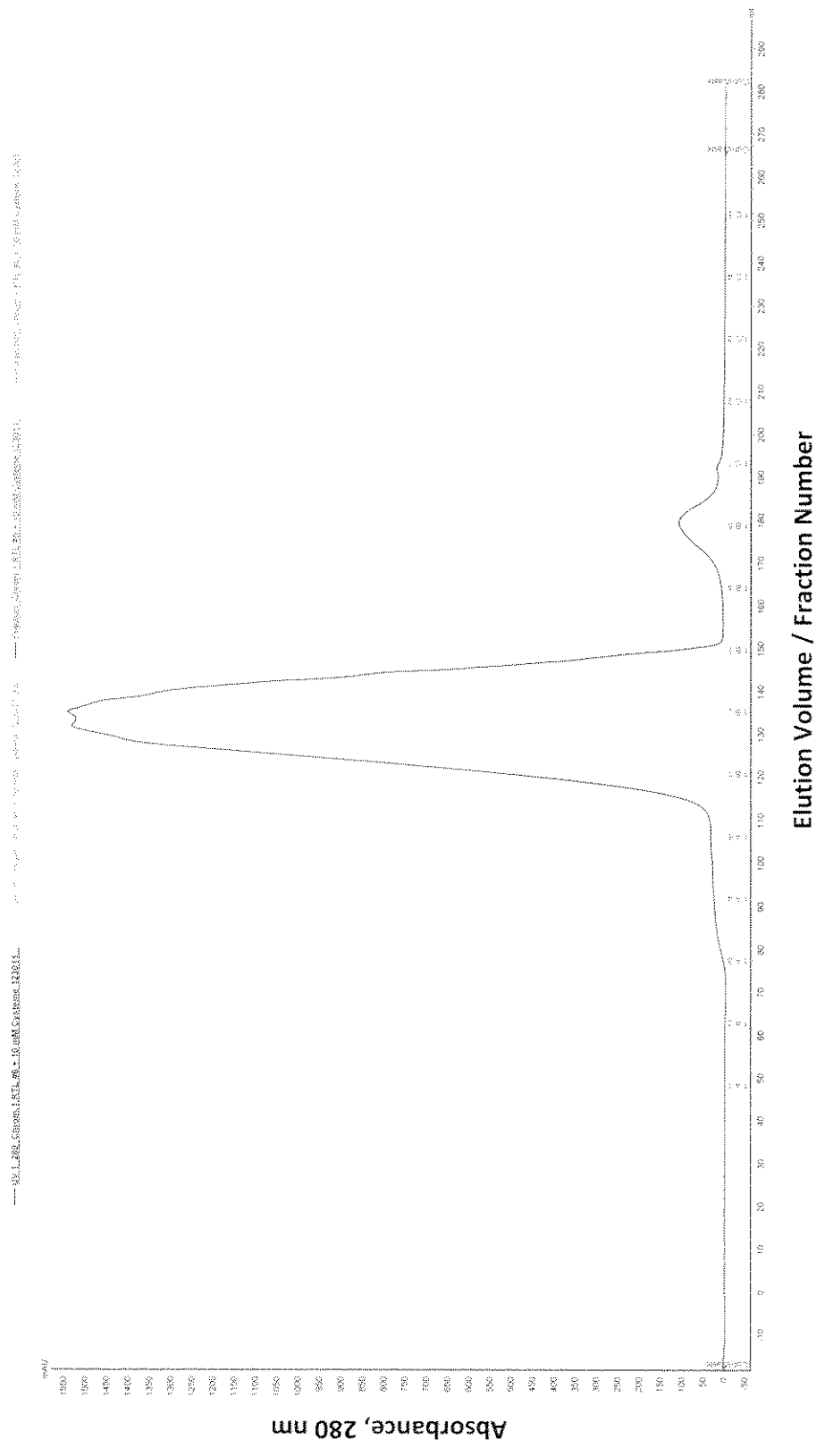


FIG. 16

Revised Purification Process Flowchart

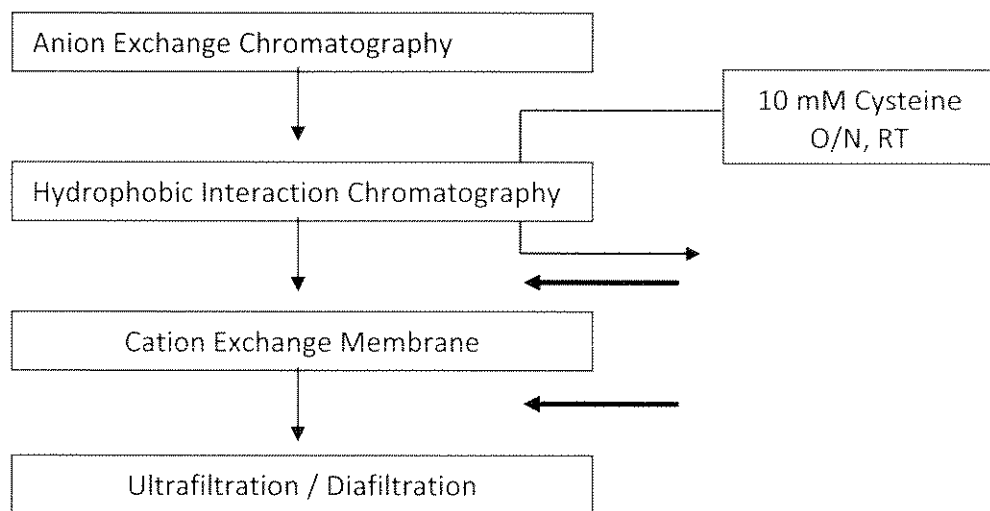


FIG. 17

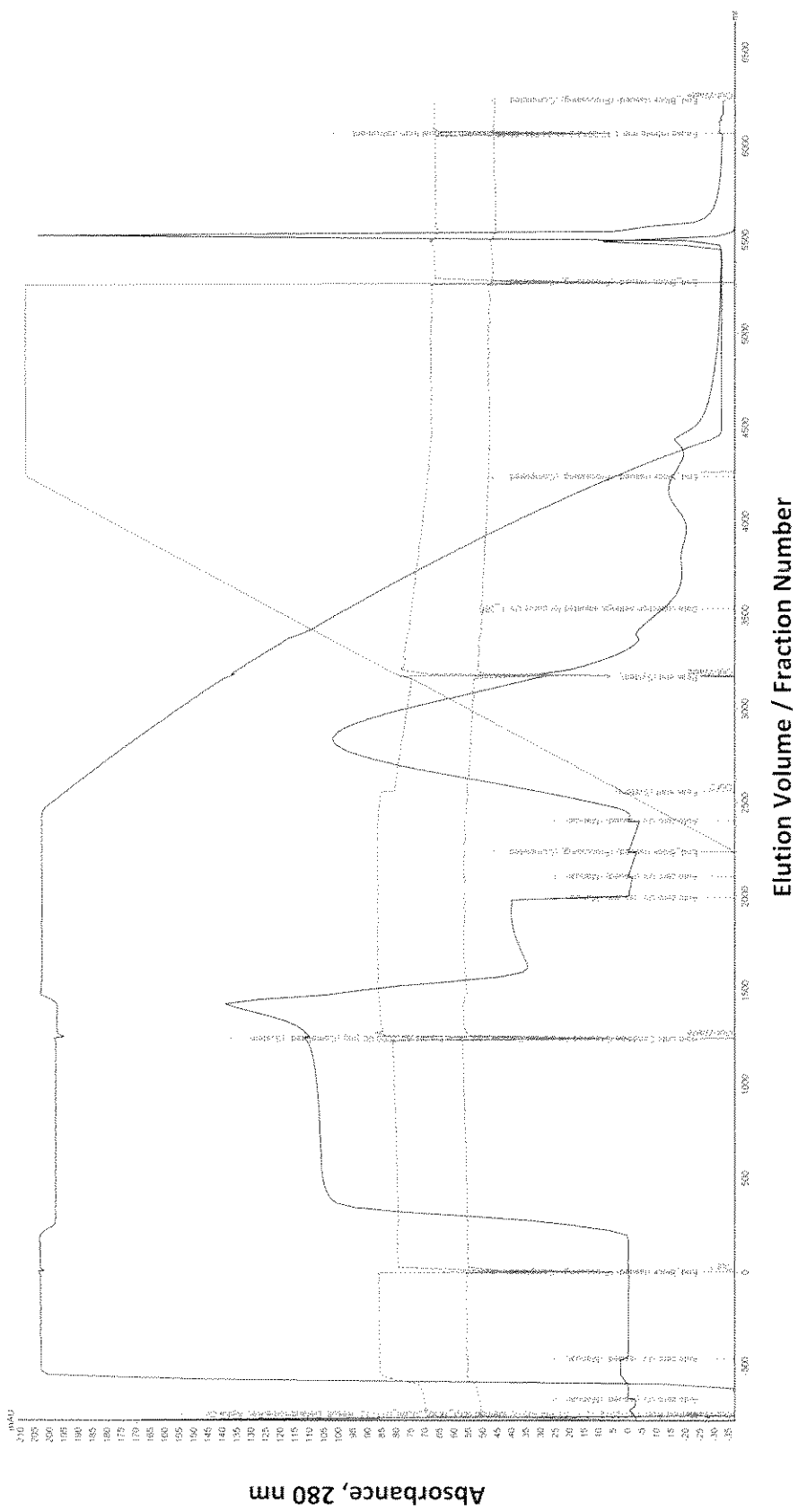


FIG. 18

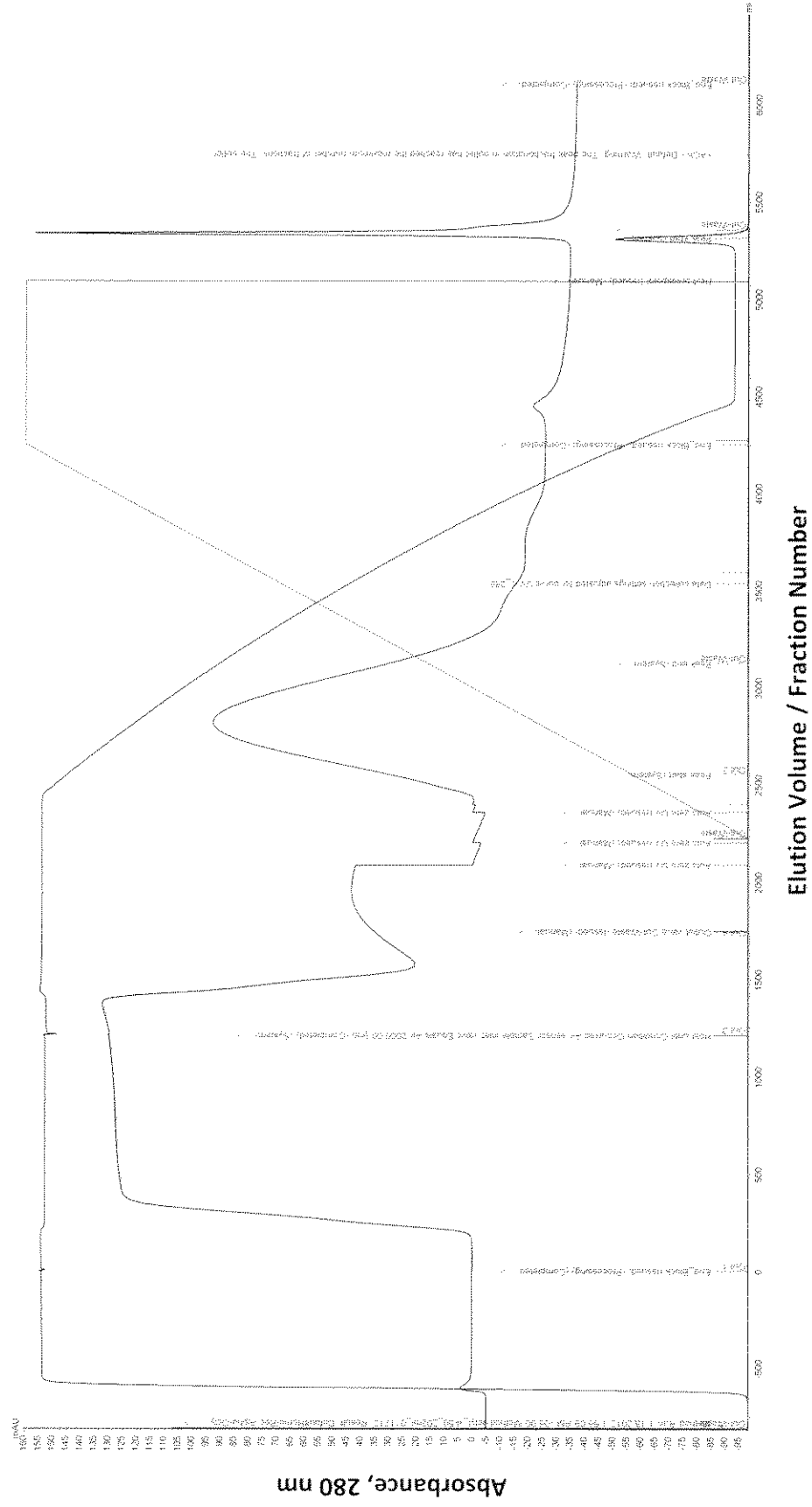


FIG. 19

