Supplementary Material

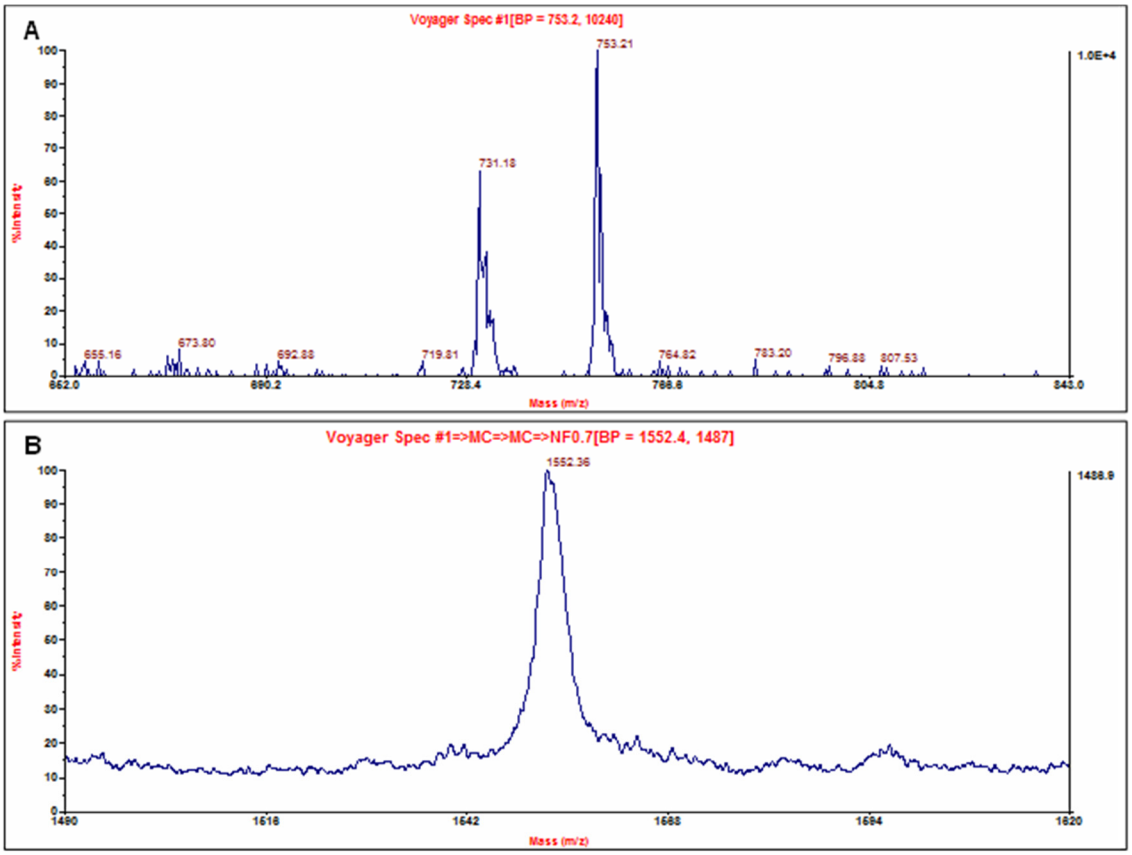

Figure S1. Accumulated mass spectrum (100 shots/ spectra) of (**A**) Ptdthioethanol lipid; and (**B**) cationic lipid-Z, with shift in molecular weight confirming 4R peptide conjugation.

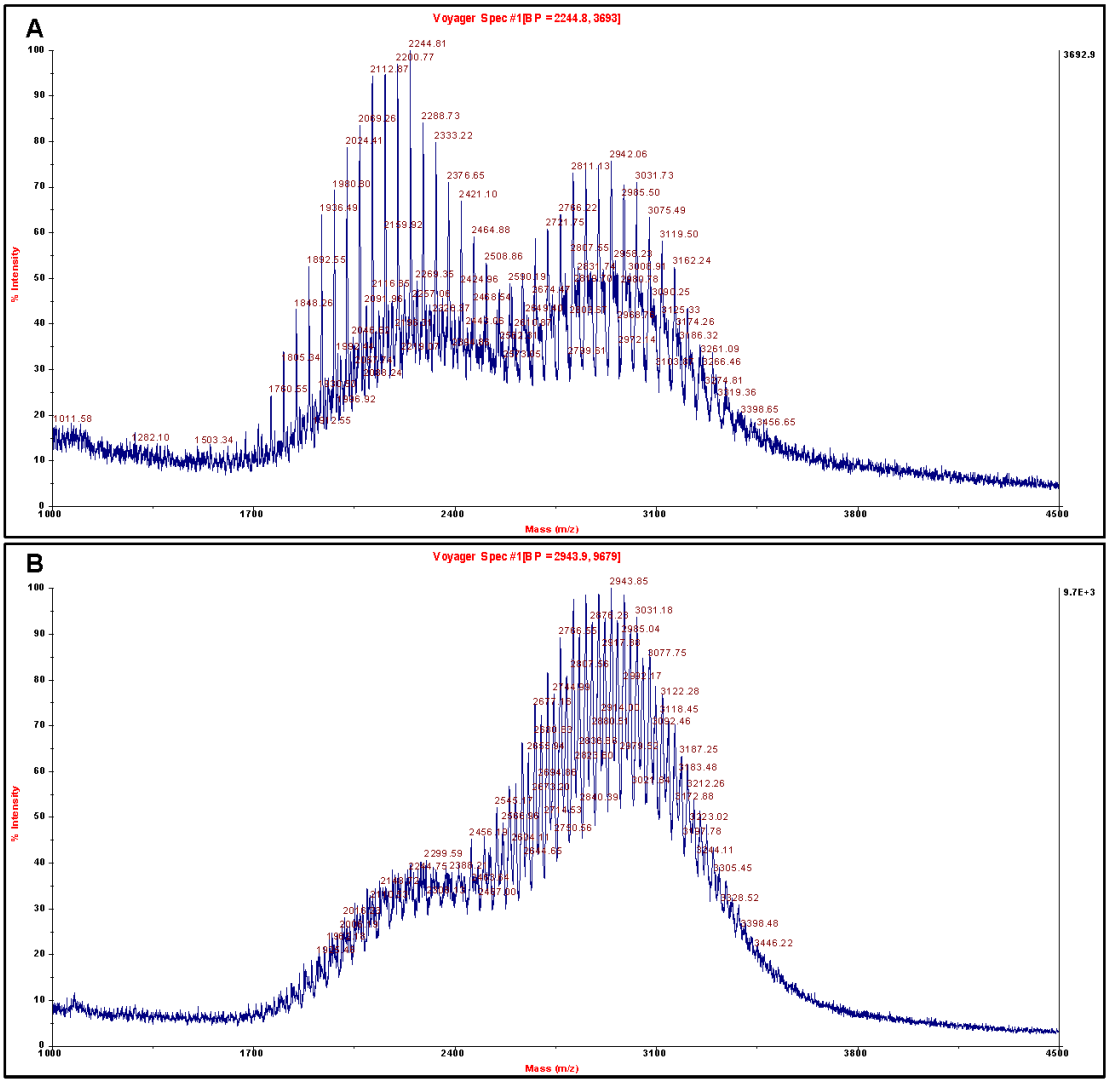

Figure S2. Mass spectrum of (**A**) free DSPE-PEG2000-COOH; and (**B**) conjugated DSPE-PEG2000-Galactosamine showing a shift in molecular weight confirming conjugation.

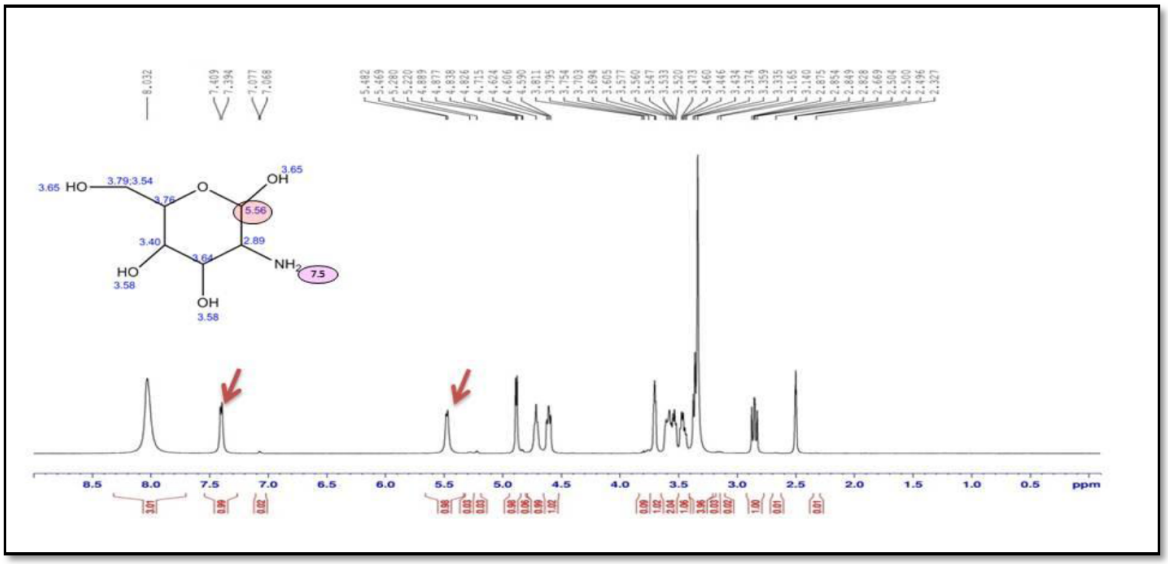

Figure S3. *Cont.*

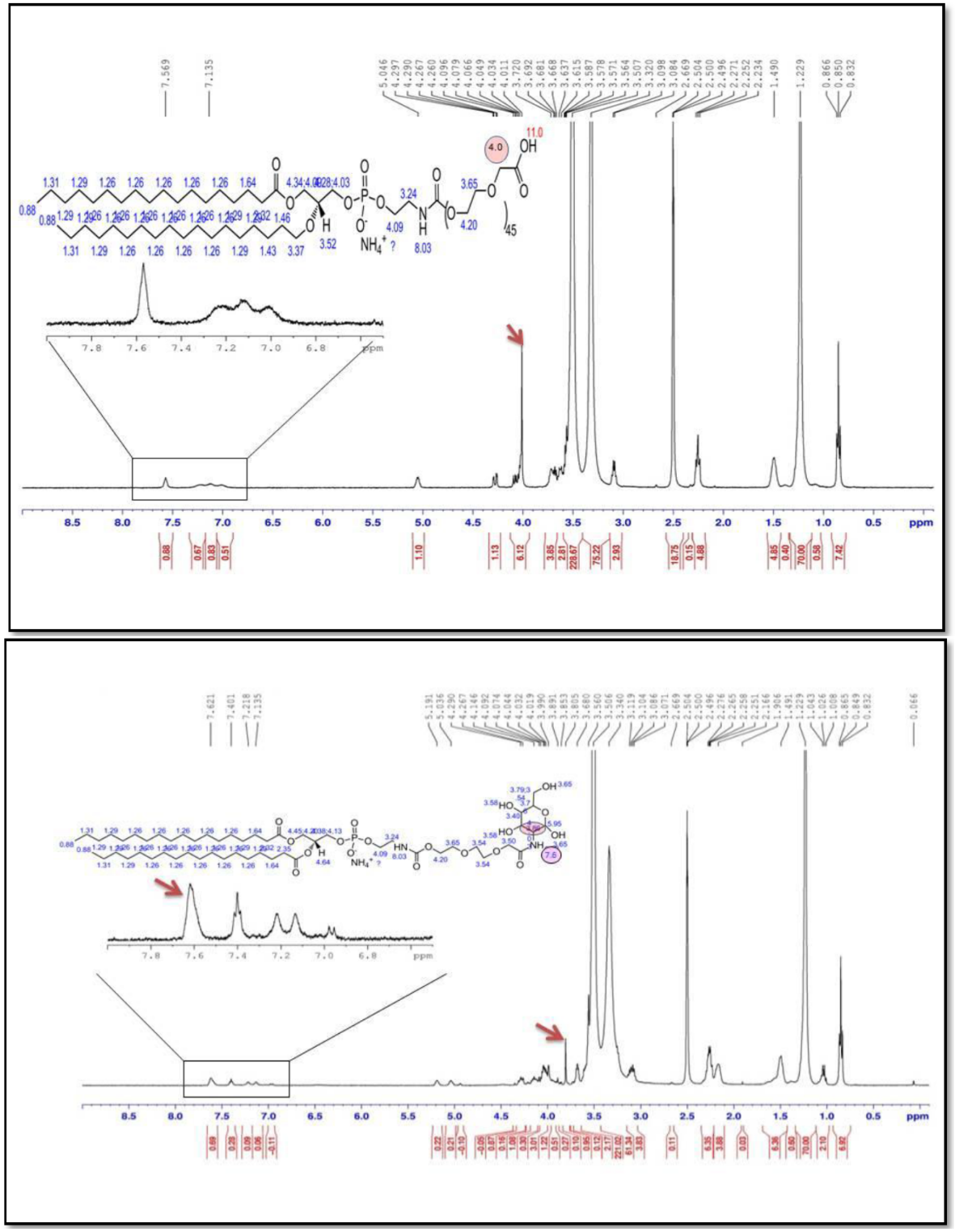

Figure S3. NMR spectrum of D-galactosamine (upper spectrum), DSPE-PEG2000-COOH (middle spectrum) and DSPE-PEG2000-Galactosamine (lower spectrum) with peak shifts indicating successful conjugation. Percent conjugation was calculated from spectra to be ~30%.