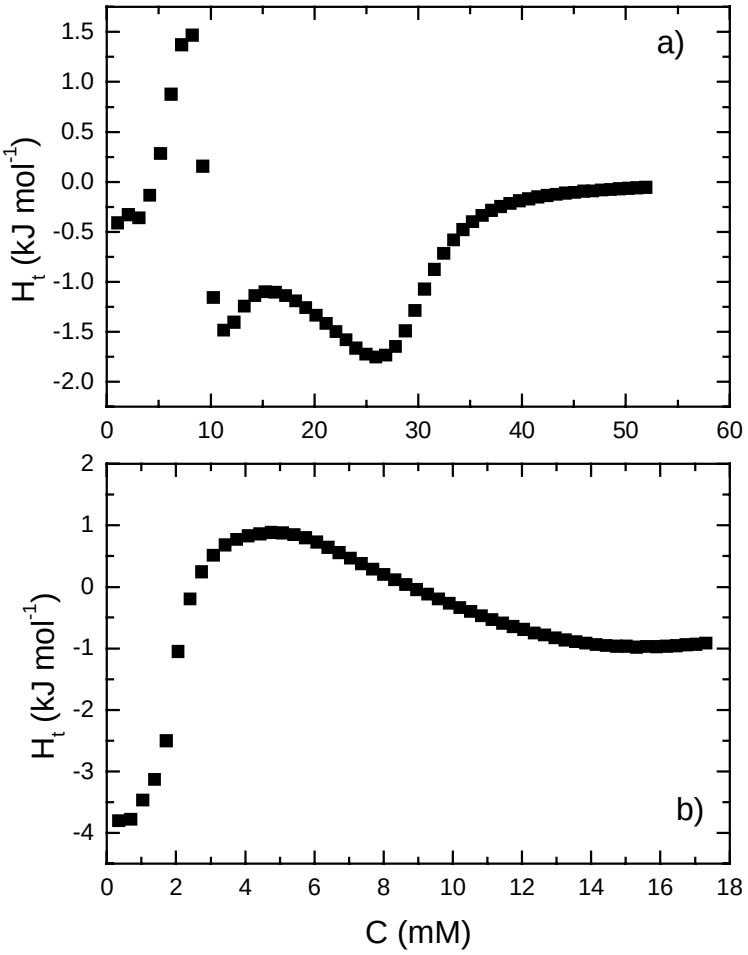

Figure 1: Enthalpy of transfer as a function of surfactant concentration due to the titration of micellised SDS at 20º C (a) in the absence and (b) in the presence of 0.1 M NaCl. In Open symbols (▨) denote titrations in aqueous solution and closed symbols (▩) into the copolymer solution.

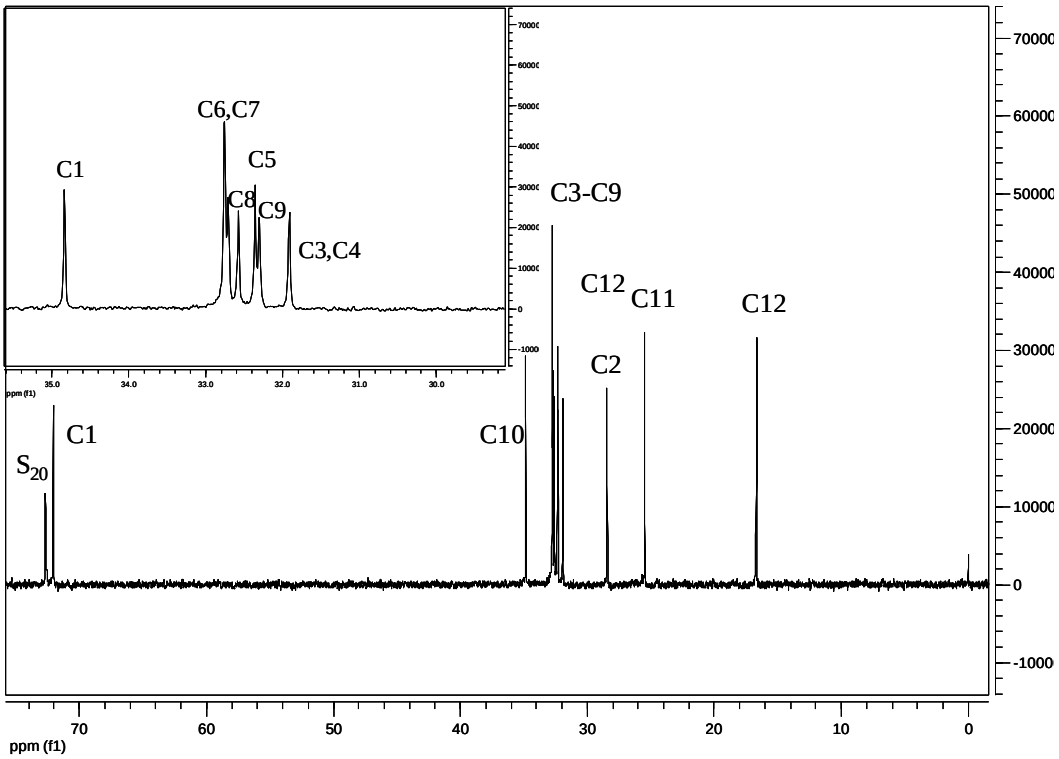

Figure 2: ^{13}C NMR spectrum of an aqueous solution of SDS (15 mM) and 2.5 g dm^{-3} of $S_{20}E_{67}$. The inset shows the resolution of the peaks C3-C9.

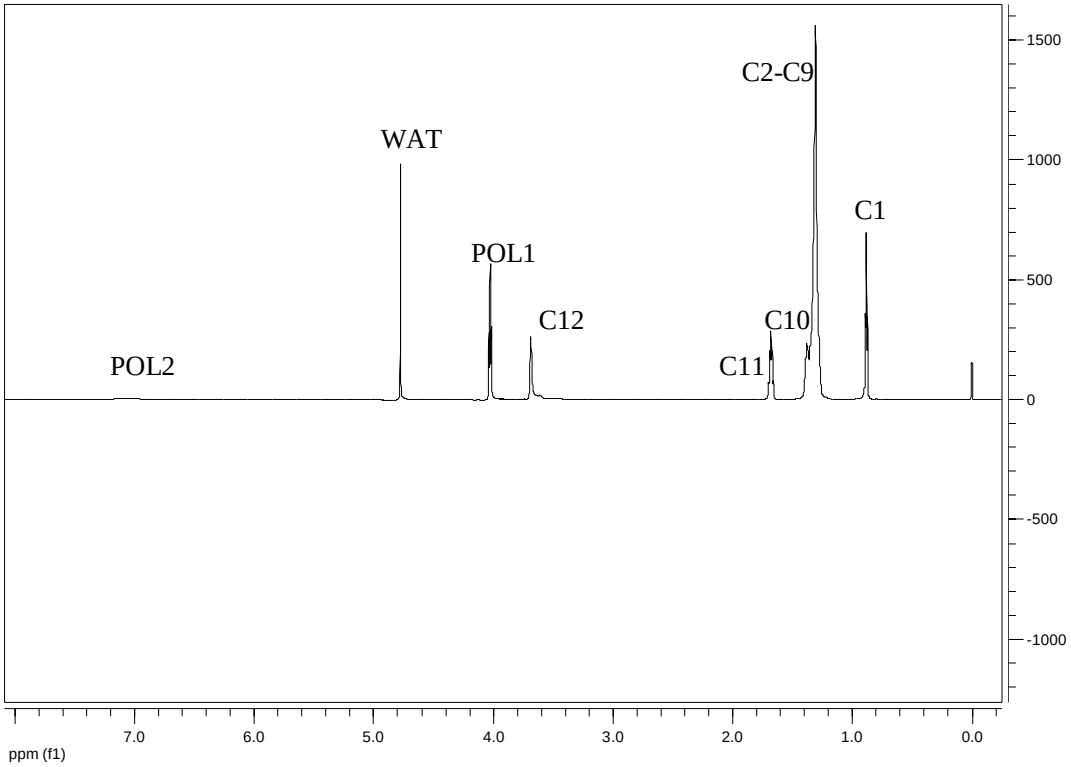

Figure 3: ^{1}H spectrum of an aqueous solution containing 15 mM of SDS and 2.5 g dm^{-3} of $S_{20}E_{67}$. The peaks followed with self-diffusion NMR are marked as POL1 (polymer diffusion corresponding to copolymer chain); C12 (surfactant diffusion); and WAT (water diffusion). The nomenclature for surfactant molecule, Ci, denotes the protons attached to carbon atoms numbered from the closest (C1) to the farest (C12) carbon atom from the sulfate group.