The adsorption and aggregate properties of dendritic cationic tetrameric surfactants

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2. \textsuperscript{1}H NMR spectra of 4C\textsubscript{n}teraQ with n = 12, 14, 16.
1. FTIR spectra of $4C_n$teraQ with $n = 12, 14, 16$.

![FTIR spectra of $4C_n$teraQ](image)

Fig. S1. FTIR spectra of $4C_n$teraQ for (a) $4C_{12}$teraQ, (b) $4C_{14}$teraQ, (c) $4C_{16}$teraQ.

2. $^1$H NMR spectra of $4C_n$teraQ with $n = 12, 14, 16$.

![NMR spectra of $4C_n$teraQ](image)

Fig. S2. $^1$H NMR spectra of $4C_n$teraQ for (a) $4C_{12}$teraQ, (b) $4C_{14}$teraQ, (c) $4C_{16}$teraQ.