## The adsorption and aggregate properties of dendritic cationic tetrameric

## surfactants

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- 1. FTIR spectra of  $4C_n$  teraQ with n = 12, 14, 16.
- 2. <sup>1</sup>H NMR spectra of  $4C_n$  teraQ with n = 12, 14, 16.

1. FTIR spectra of  $4C_n$  teraQ with n = 12, 14, 16.



- Fig. S1. FTIR spectra of 4C<sub>n</sub>tetraQ for (a) 4C<sub>12</sub>tetraQ, (b) 4C<sub>14</sub>tetraQ, (c) 4C<sub>16</sub>tetraQ.
- 2. <sup>1</sup>H NMR spectra of  $4C_n$  teraQ with n = 12, 14, 16.



Fig. S2. <sup>1</sup>H NMR spectra of  $4C_n$  tetraQ for (a)  $4C_{12}$  tetraQ, (b)  $4C_{14}$  tetraQ, (c)  $4C_{16}$  tetraQ.