

Figure S1: Surface tension of the surfactants used in the study measured at 30° C.

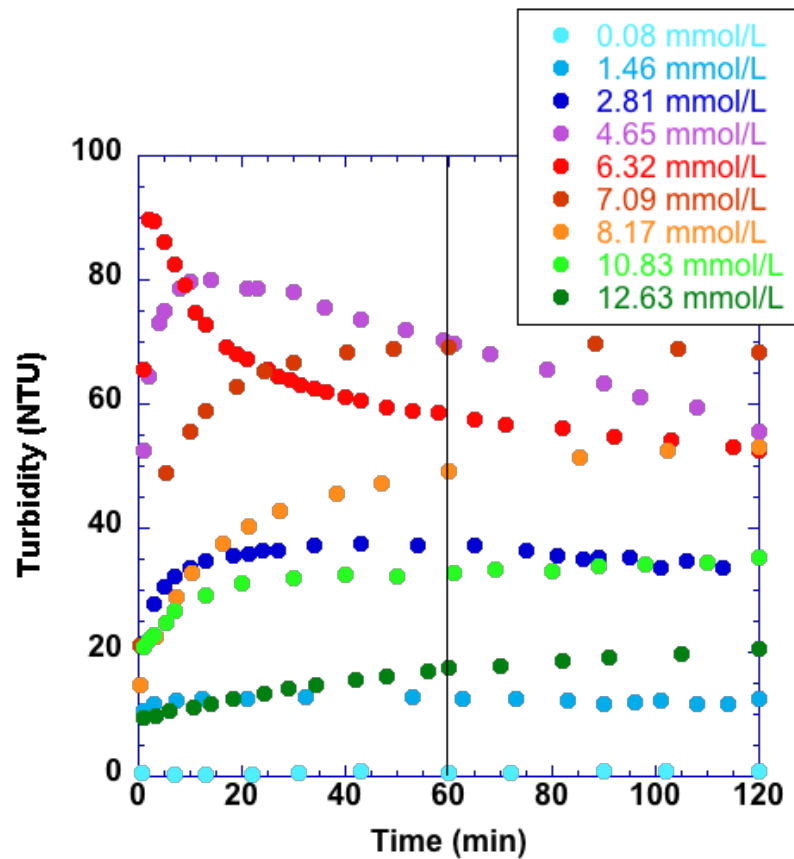


Figure S2: Turbidity curves of SRHA/DTAC mixtures as a function of time for various DTAC additions at pH 4.5; the vertical bar indicates the 60 min time at which turbidity readings were performed to draw the evolution of turbidity vs surfactant concentration.

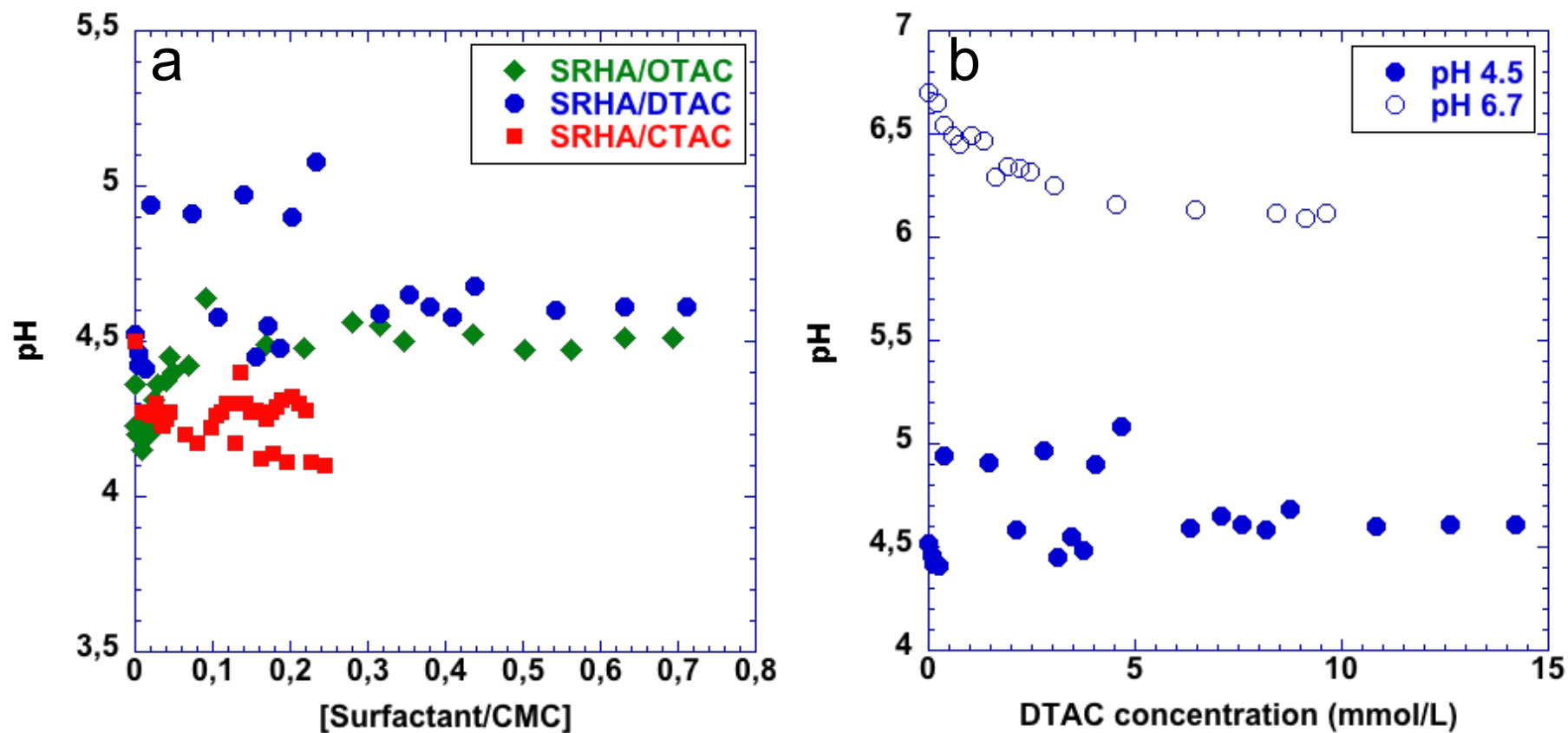


Figure S3: pH variation of SRHA/surfactant suspensions as a function of surfactant concentration (a) and as a function of pH for DTAC (b). The pH is measured at the end of the experiment (1h mixing time).

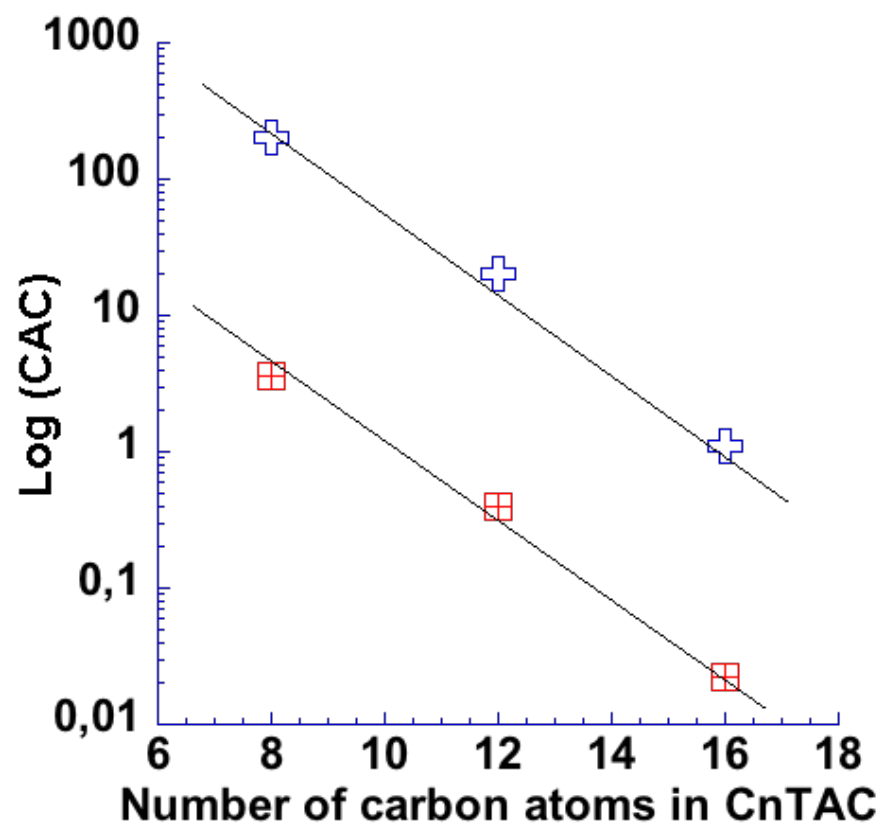


Figure S4: Logarithms of Critical Aggregation Concentration (CAC – Red squares) and of Critical Micellar Concentration (CMC – blue crosses) versus surfactant concentration.