

## Supporting Information

The ionic strength dependent zeta potential at the surface of hexadecane droplets in water and the corresponding interfacial adsorption of surfactants

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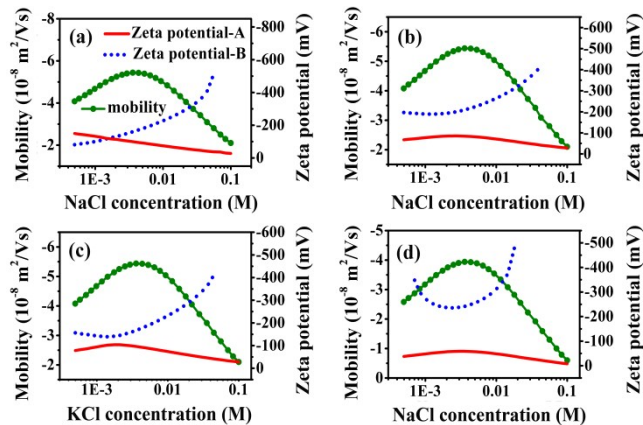


Figure S1. Mathematically allowed results of the zeta potential curves (solid and dotted lines) from calculation shown in section II and Figure 1 of the main text.

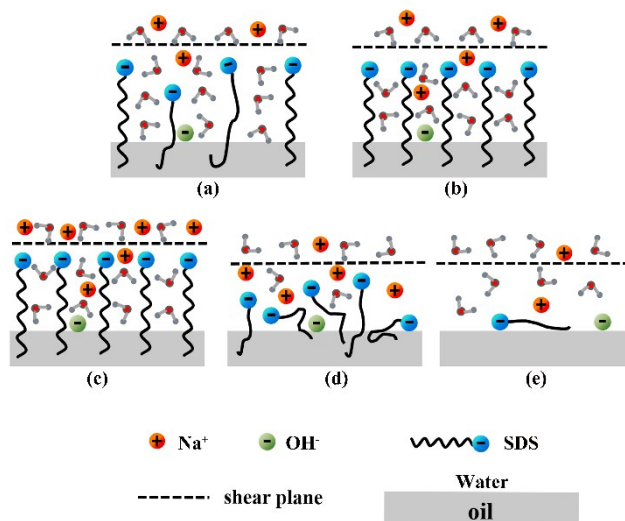


Figure S2. Illustration of the ionic distribution and possible water structure at the oil-water interface in the presence of 50  $\mu\text{M}$  SDS without NaCl (a), with NaCl at relatively low concentration (b), with NaCl at high concentration (c, d and e).