Electronic Supplementary Material (ESI) for Soft Matter. This journal is © The Royal Society of Chemistry 2016

## Rheological Characterizations and Molecular Dynamics Simulations of Selfassemblies in Anionic/Cationic Surfactant Mixture

Zhihu Yana, Caili Dai\*,a, Mingwei Zhaoa, Yongpeng Suna

<sup>a</sup>School of Petroleum Engineering, State Key Laboratory of Heavy Oil Processing, China University of Petroleum (East China), Qingdao, Shandong, 266580, P. R. China.

E-mail: daicl@upc.edu.cn;

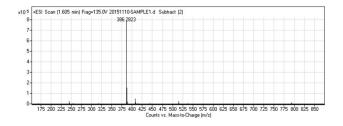


Fig. S1. The mass spectrogram of HGA.

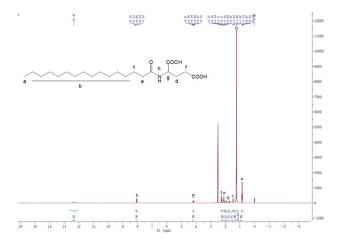


Fig. S2. <sup>1</sup>H NMR spectroscopy of HGA.

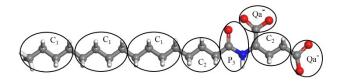


Fig. S3. The scheme for HGA.

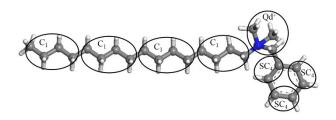


Fig. S4. The scheme for HDBAC.