

Supporting Information

Molecular Dynamics Simulation for the Demulsification of O/W Emulsion under Pulsed Electric Field

Shasha Liu ^{1,2}, Shiling Yuan ¹ and Heng Zhang ^{1,*}

¹ School of Chemistry and Chemical Engineering, Shandong University, Jinan 250100, China;

liushasha325@163.com (S.L.); shilingyuan@sdu.edu.cn (S.Y.)

² School of Chemistry and Chemical Engineering, Qilu Normal University, Jinan 250100, China

* Correspondence: zhangheng@sdu.edu.cn.

^{*a}Corresponding Author, E-mail: zhangheng@sdu.edu.cn.

Tel: +86-531-88366428.

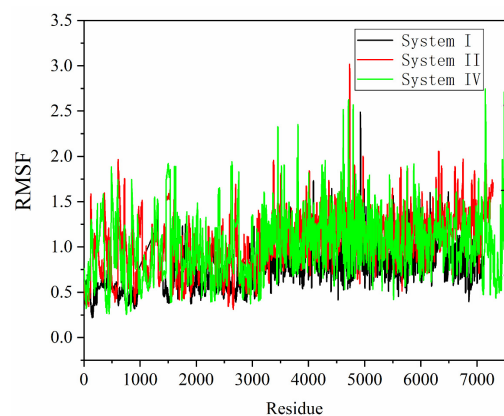


Figure S1. Root-mean-square fluctuation (RMSF) of oil droplets in system I, system II and system IV.

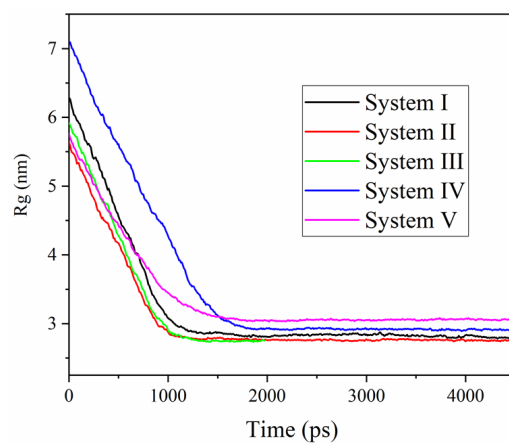


Figure S2. Radius of gyration (Rg) of oil droplets in five systems.

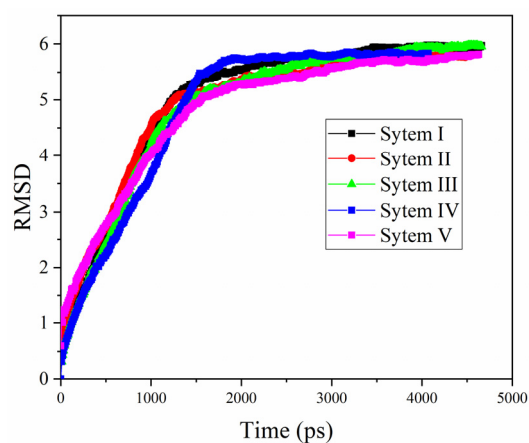


Figure S3. Root-mean-square deviation (RMSD) of oil droplets in five systems.