

Supplementary information

Freezing temperature controlled deep eutectic solvent dispersive liquid–liquid microextraction based on solidification of floating organic droplets for rapid determination of benzoylureas residual in water samples with assistance of metallic salt

Miyi Yang, Kun Hong, Xiaoqiang Li, Fangji Ge, Yuqing Tang*

China Academy of Chinese Medical Sciences Institute of Chinese Materia Medica,

Dongzhimen Nei Ave. Nanxiaojie 16#, Dongcheng District, Beijing 100700, China

Corresponding author. Tel.: +86 010 84252832; fax: 86 010 84252832.

E-mail address: yqtan@icmm.ac.cn (Y. Tan).

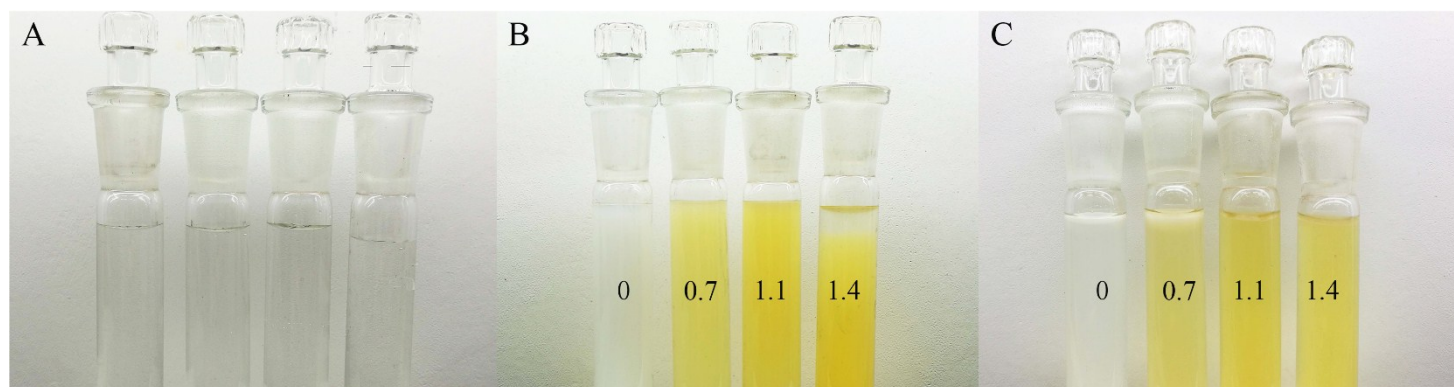


Figure S1. The phenomena in the microextraction with different concentration of Fe^{3+} .

The number in the figure means the molar concentration of FeCl_3 in the dispersive-demulsified solvent.

Table S1 Design for the central composite designs.

Factors	Level			α
	Lower	Central	Upper	
(V_E) Volume of extractant (μL)	30	50	70	13.64
(C) Concentration of FeCl_3 (mol L^{-1})	0.9	1.15	1.4	0.17
(V_D) Volume of dispersive solvent (μL)	100	200	300	68.18