

Supplementary Materials

Extraction and determination of esteric compounds in wound disinfectants

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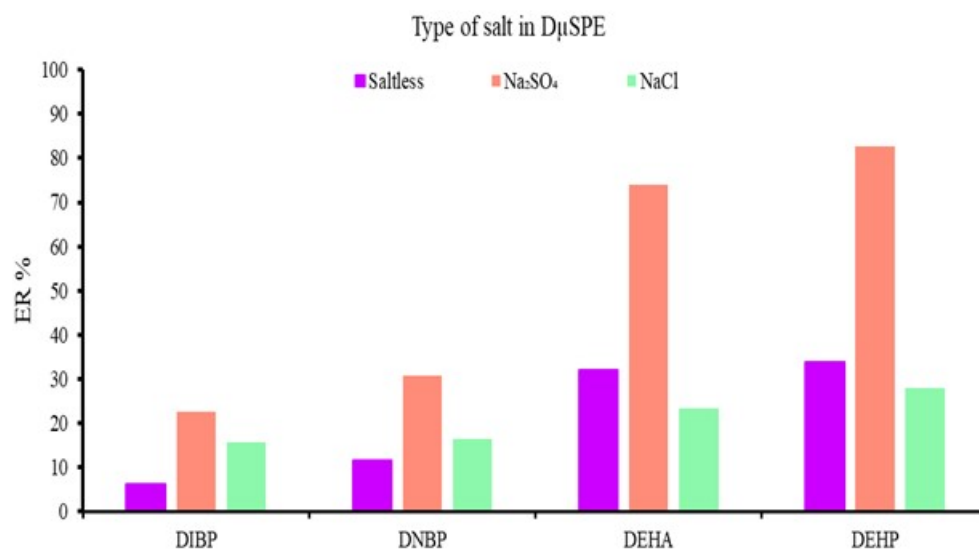


Fig. S1. Influence of ionic strength on ERs of the analytes in DμSPE.

Extraction conditions: are the same as those used in Fig. 3, except 20 mg of MOF was used as the adsorbent.

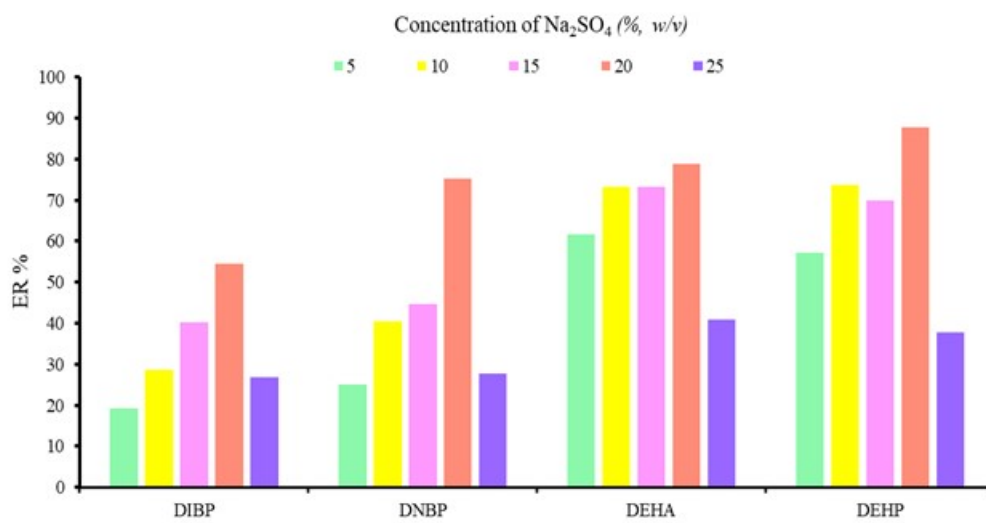


Fig. S2. Effect of Na_2SO_4 Concentration.

Extraction conditions: are the same as those used in Fig. S1, except Na_2SO_4 was selected.

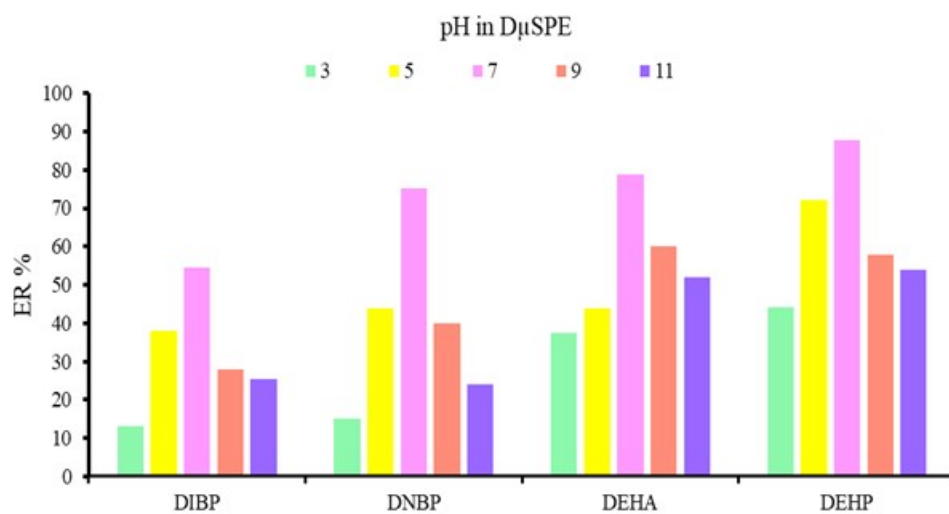


Fig. S3. Optimization of pH in DμSPE step

Extraction conditions: are the same as those used in Fig. S2, except that 20% (w/v) Na_2SO_4 solution was selected.

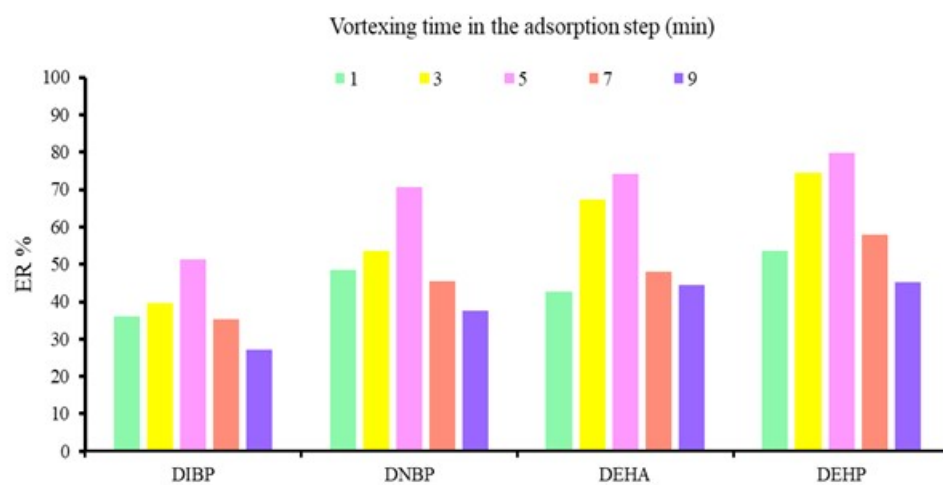


Fig. S4. Optimization of vortexing time in adsorption step.

Extraction conditions: are the same as those used in Fig. S3, except that the experiments were done without pH adjustment.

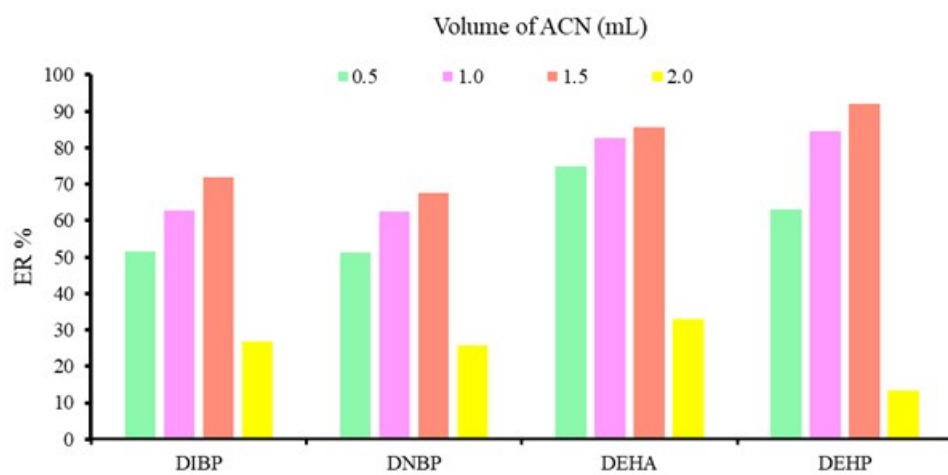


Fig. S5. Optimization of ACN volume.

Extraction conditions: are the same as those used in Fig. 4, except that ACN was selected as the desorption solvent.

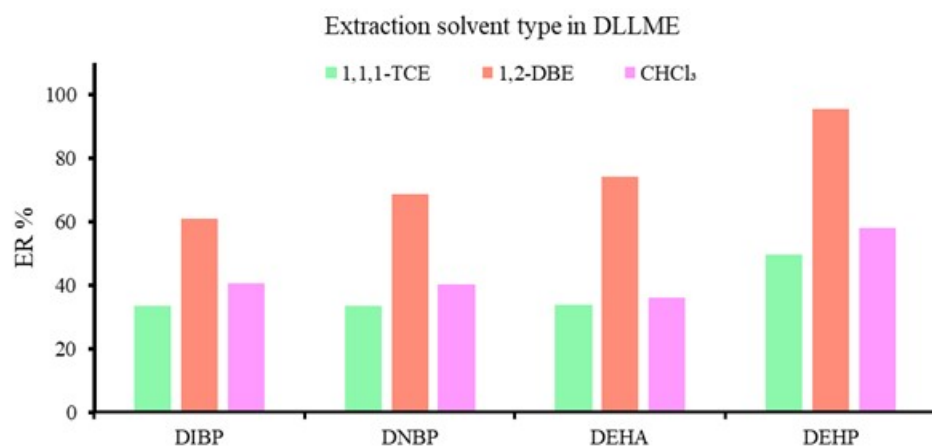


Fig. S6. Selection of extraction solvent type in DLLME step.

Extraction conditions: are the same as those used in Fig. 5, except that 1 min vortexing time was utilized in desorption step.

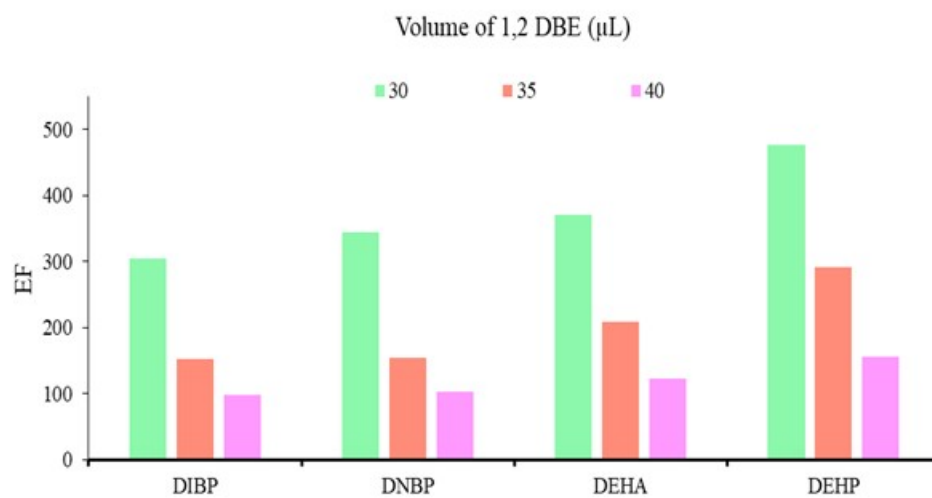


Fig. S7. Optimization of extraction solvent volume.

Extraction conditions: are the same as those used in Fig. S6, except 1,2-DBE was chosen as the extraction solvent.

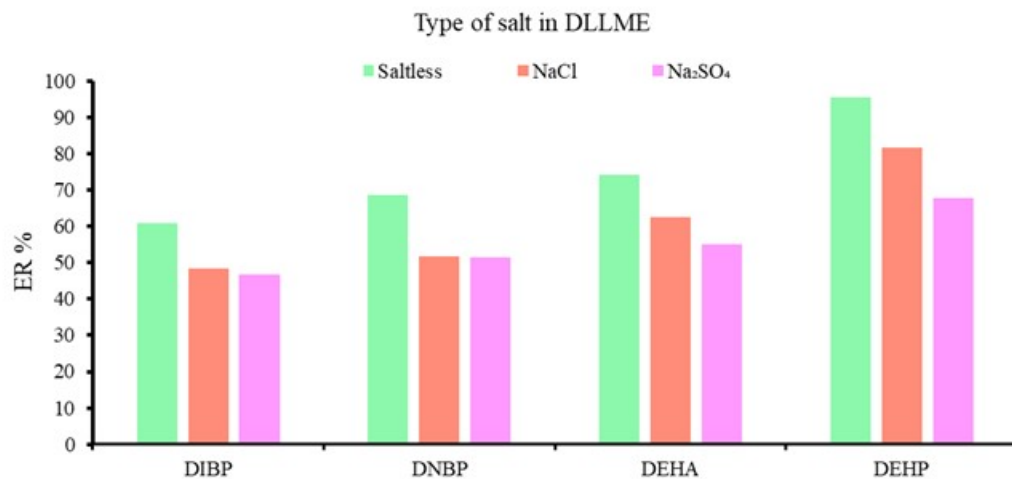


Fig. S8. Influence of ionic strength in DLLME step.

Extraction conditions: are the same as those used in Fig. S7, except that 30 μ L of 1,2-DBE was used as the extraction solvent

CHCl_3

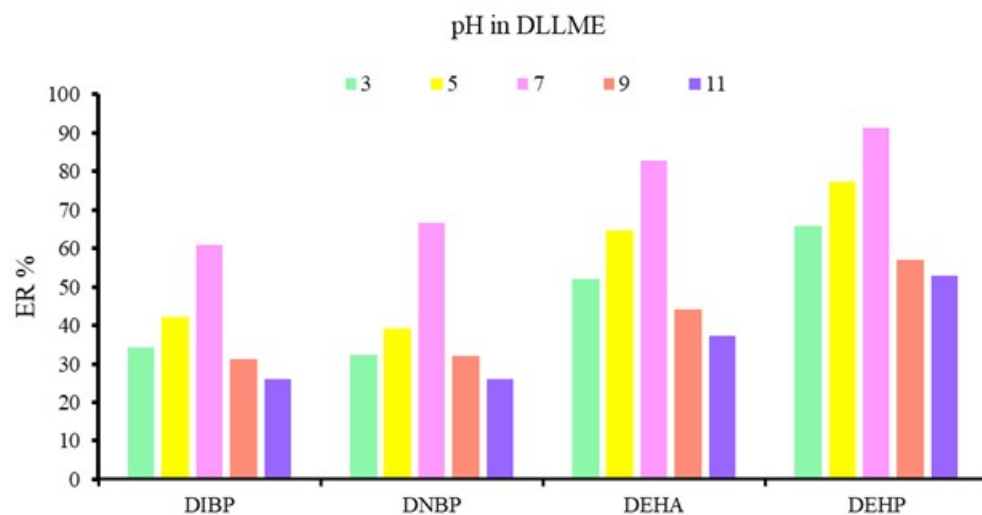


Fig. S9. Optimization of pH of aqueous solution in DLLME step.

Extraction conditions: are the same as those used in Fig. S8, except that saltless solution was selected in DLLME section.