Electronic Supplementary Information

Hollow fiber-based solid-liquid phase microextraction combined with theta capillary electrospray ionization mass spectrometry for sensitive and accurate analysis of methamphetamine

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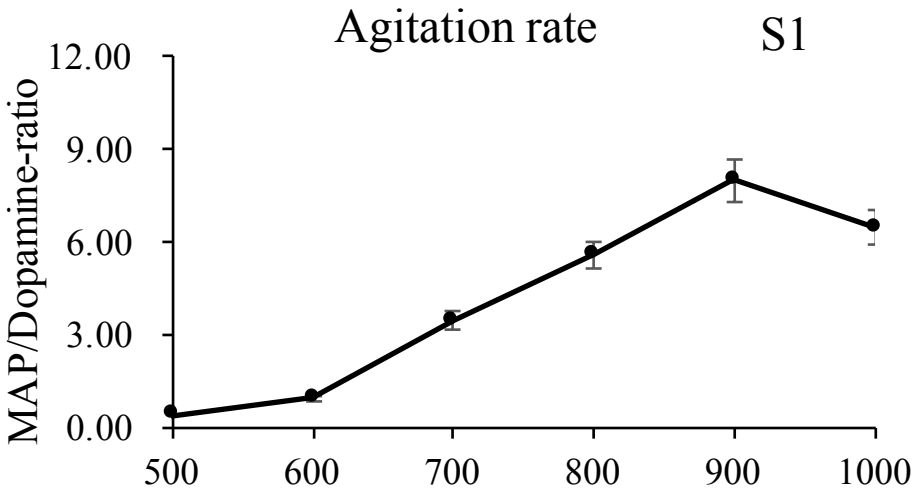

Fig. S1 Effect of the stirring speed. The conditions were: the MAP concentration was 1.0 μg mL^{-1}, the concentration of MOF/GO in toluene was 3 mg mL^{-1}, the extraction time was 30 min, no salt was added, pH was not adjusted, the desorption solvent was methanol with the volume of 50 μL, the desorption time was 3 min.

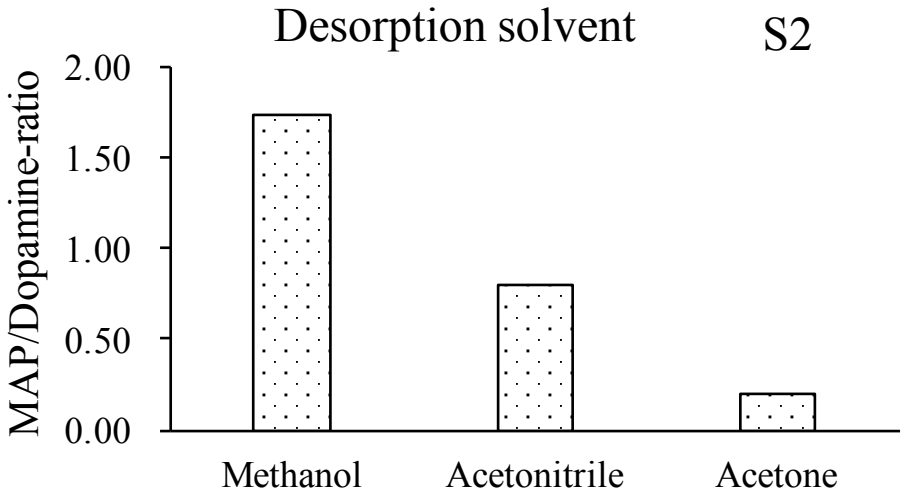

Fig. S2 Effect of the desorption solvent. The conditions were: the MAP concentration was 20.0 ng mL^{-1}, the concentration of MOF/GO in 1-octanol was 3 mg mL^{-1}, the stirring rate was 900 rpm, pH value was 11, 30% (w/v) salt was added and the desorption time of 2 min.

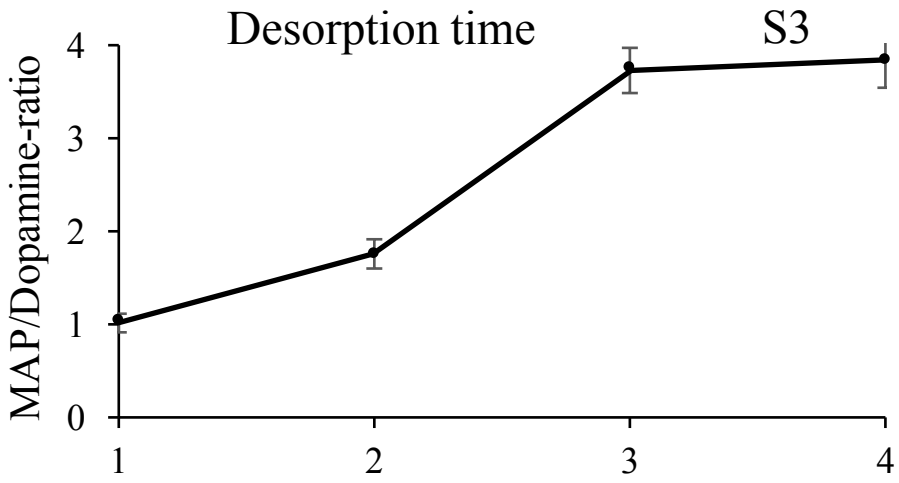

Fig. S3 Effect of the desorption time (min). The conditions were: the MAP concentration was 20.0 ng mL^{-1}, the concentration of MOF/GO in 1-octanol was 3 mg mL^{-1}, the stirring rate was 900 rpm, pH value was 11, 30% (w/v) salt was added and the desorption solvent was methanol.

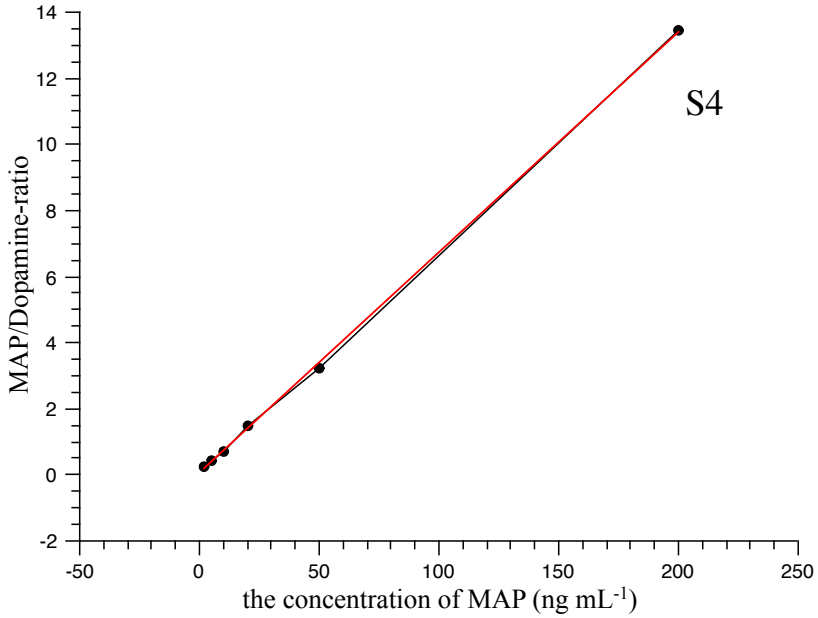

Fig. S4 Linear relation of the intensity ratios of the signal intensities of MAP to dopamine (1.0 μg mL^{-1}).