Fabrication of a novel electrochemical sensing platform based on core-shell nano-structured/molecularly imprinted polymer for sensitive and selective determination of ephedrine

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Fig. S1. Cyclic voltammograms of FST-MIP/CPE in 1.0 × 10⁻³ mol L⁻¹ K₄[Fe(CN)₆] and 0.1 M KCl at different scan rate (50-350 mV s⁻¹ from bottom to top).
Fig. S2. Optimization of pH for EP accumulation in the FST-MIP/CPE. EP 1 µmol L⁻¹, extraction time=6 mins. Electrochemical measurement in B-R buffer solution (pH=10.5).
Fig. S3. Influence of pH on electrochemical measurement of 1 µmol L⁻¹EP. Accumulation pH=9.5.