

Supplementary Materials

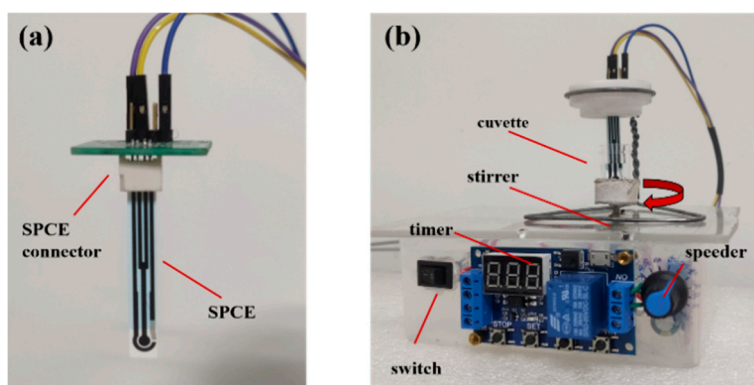


Figure S1. Illustration of the self-made stirring device. (a) a screen-printed electrode and a matched connector. (b) a home made stirring device.

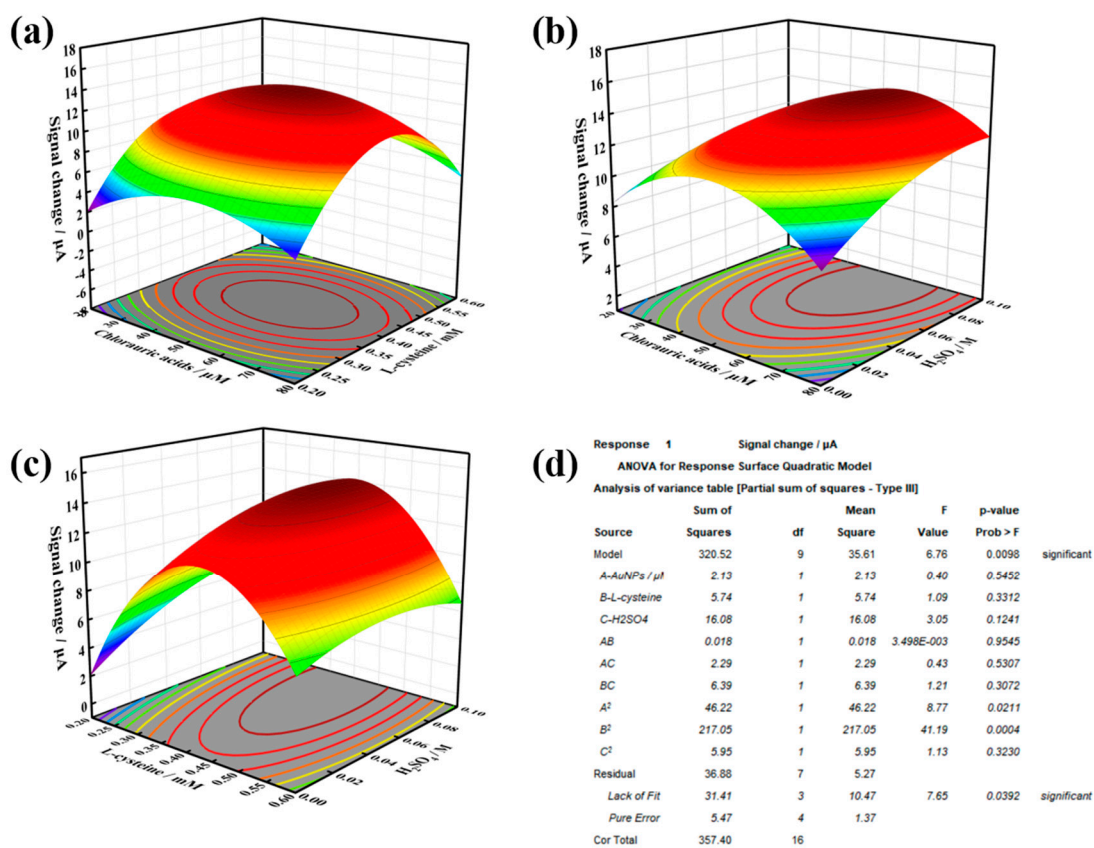


Figure S2. Influence of the concentration ratio of the components in the mixed stock solution on the stripping of As(III). (a) chloroauric acids and L-cysteine (b) chloroauric acids and H₂SO₄ (c) L-cysteine and H₂SO₄ (d) ANOVA for Response Surface Quadratic Model.

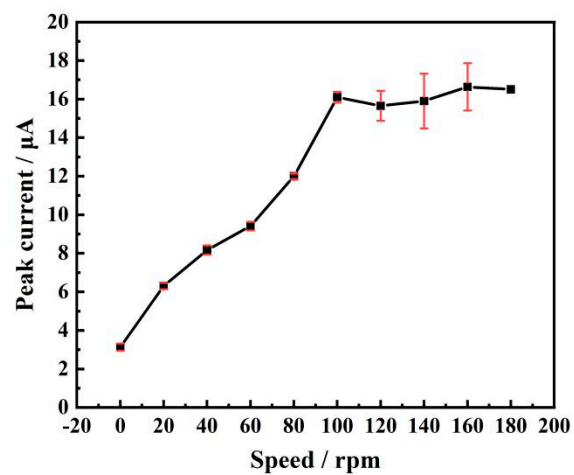


Figure S3. Effect of stirring speed on the peak current values of arsenic solution.