Supplementary information

Fe-OSA/Nafion composite film decorated glassy carbon electrode as a senor for detection of Pb (II), Cd (II) and Cu (II).

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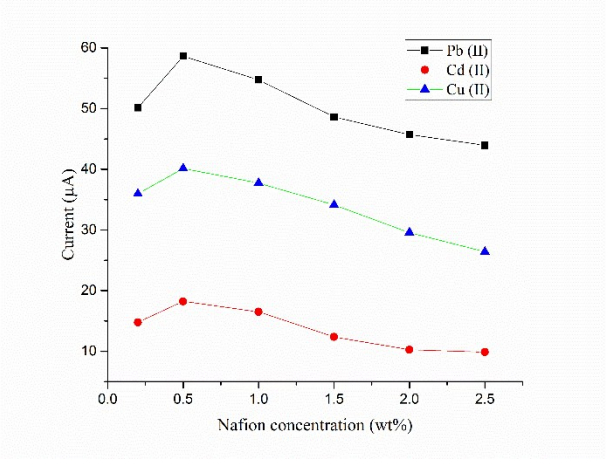

Fig. S1 Effect of the concentration of Nafion for the peak currents of metal ions.

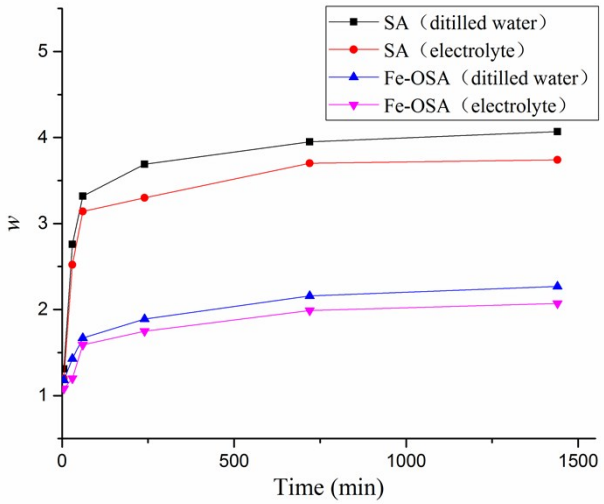

Fig. S2 The swelling property of SA and Fe-OSA in the water and electrolyte.

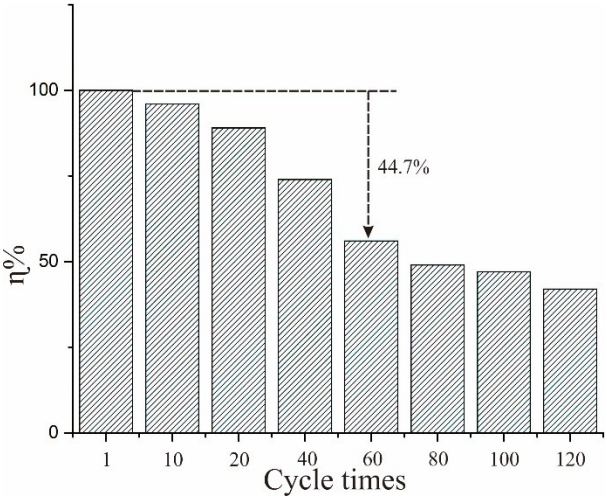

Fig. S3 The reproducibility of Fe-OSA GCE.

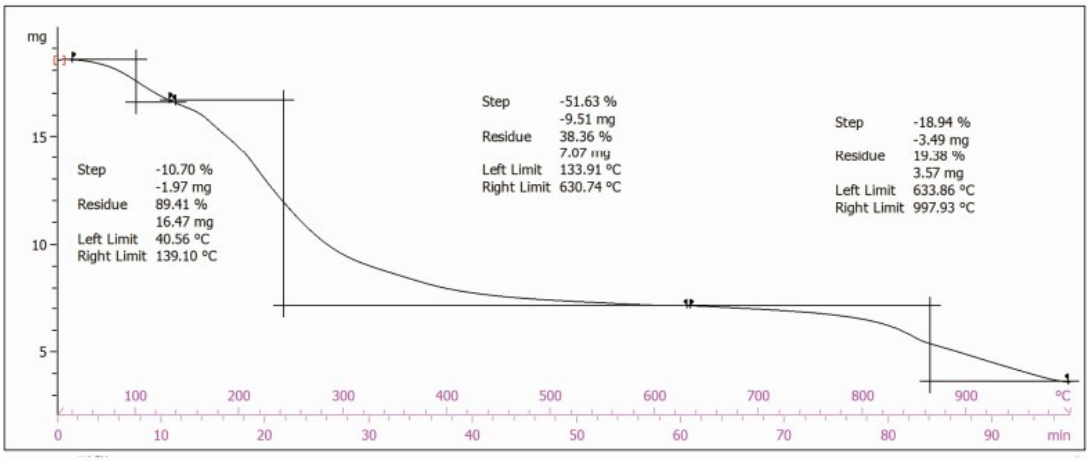

Fig. S4 The TG curve of Fe-OSA.

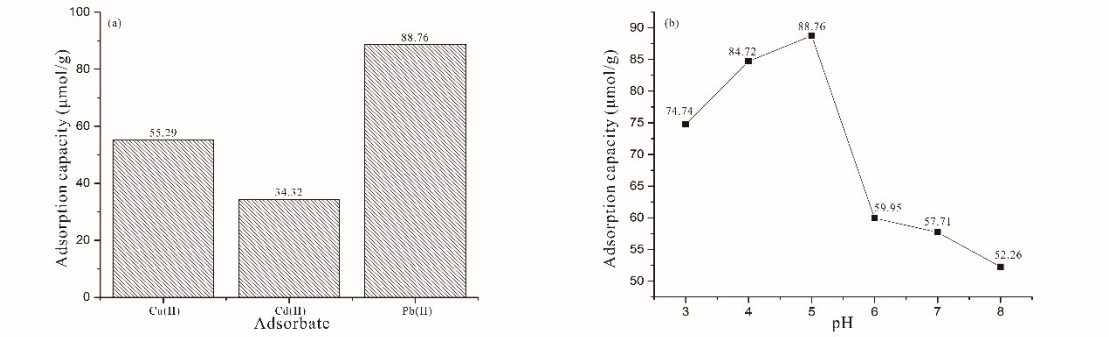

Fig. S5 The adsorption capacity for Cu (II), Cd (II) and Pb (II) on Fe-OSA(a); and the effect of pH for the adsorption capacity of Pb (II) on Fe-OSA (b).