

SUPPLEMENTARY MATERIAL TO  
**Dispersive solid phase micro-extraction of mercury(II) from  
environmental water and vegetable samples with ionic liquid  
modified graphene oxide nanoparticles**

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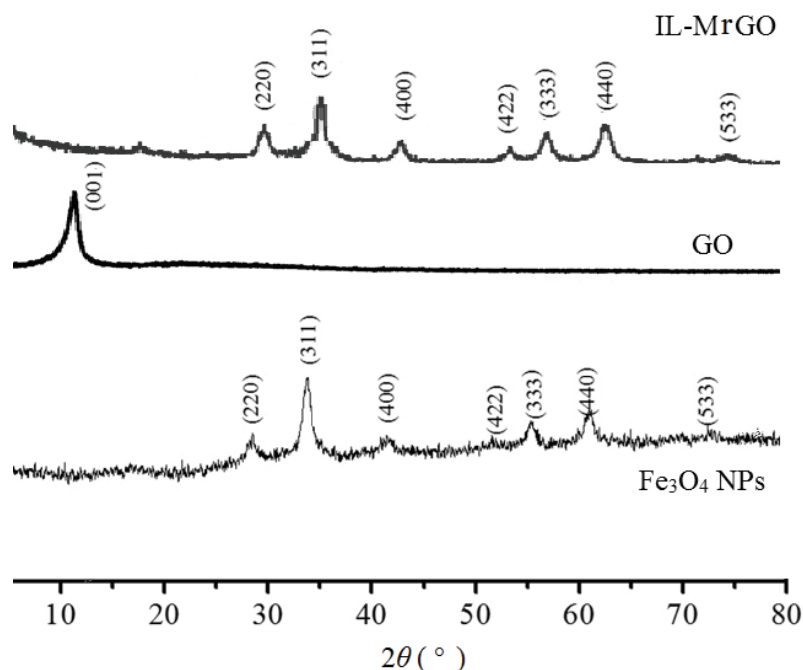


Fig. S-1. XRD patterns of iron oxide nanoparticles, GO and IL-MrGO samples.

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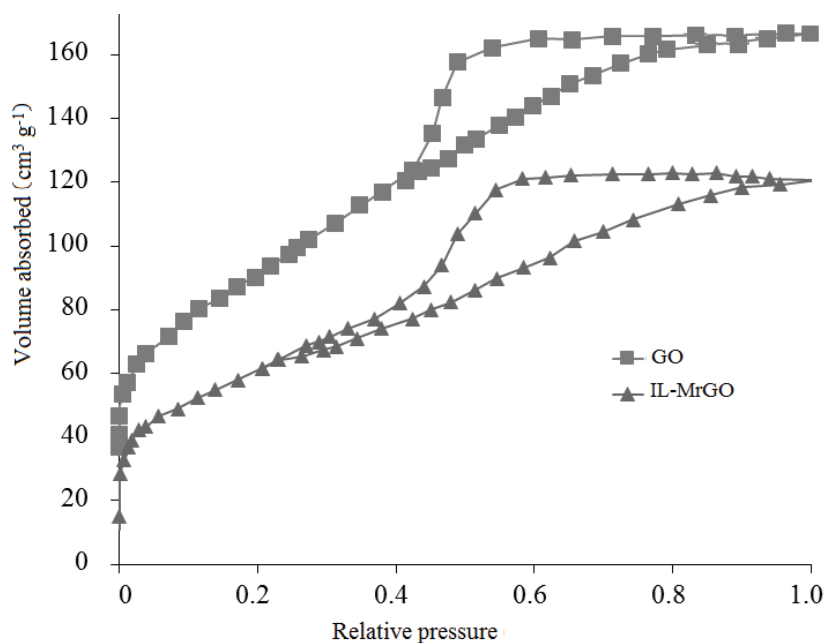


Fig. S-2. N<sub>2</sub> sorption isotherms of GO and IL-MrGO samples measured at 77 K.

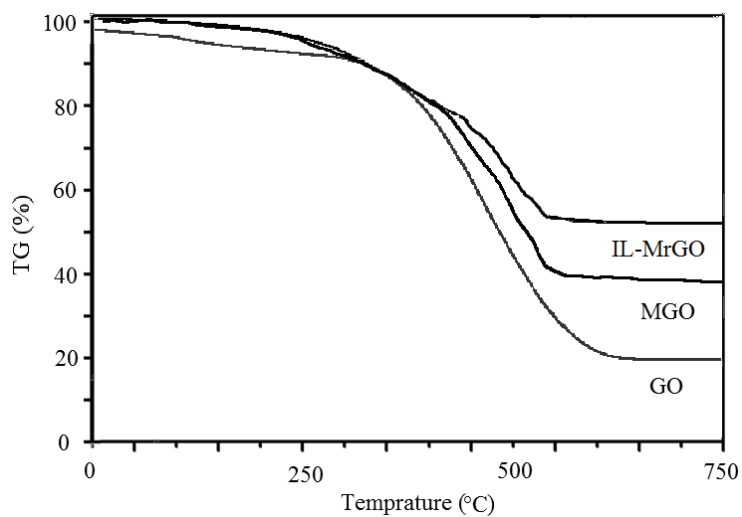


Fig. S-3. The TGA curve of GO, MGO and IL-MrGO samples.

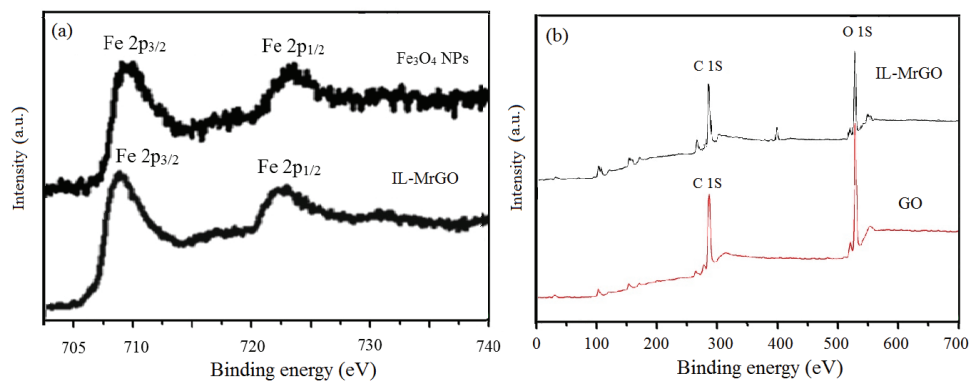


Fig. S-4. a) The XPS spectra of iron oxide nanoparticles and IL-MrGO samples; b) the XPS spectra of GO and IL-MrGO samples.