Electronic Supplementary Material (ESI) for Analytical Methods

Electronic Supplementary Material

Preparation of sorbent based on porous monolith incorporated with graphene oxide nanosheets for stir cake sorptive extraction of strongly polar aromatic amines

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Fig.S1 Photographs of suspensions (A) new made, (B) after two weeks of GO in water (a and c) and in the mixture of 1-propanol/1,4-butanediol (w/w=1/1) (c and d).

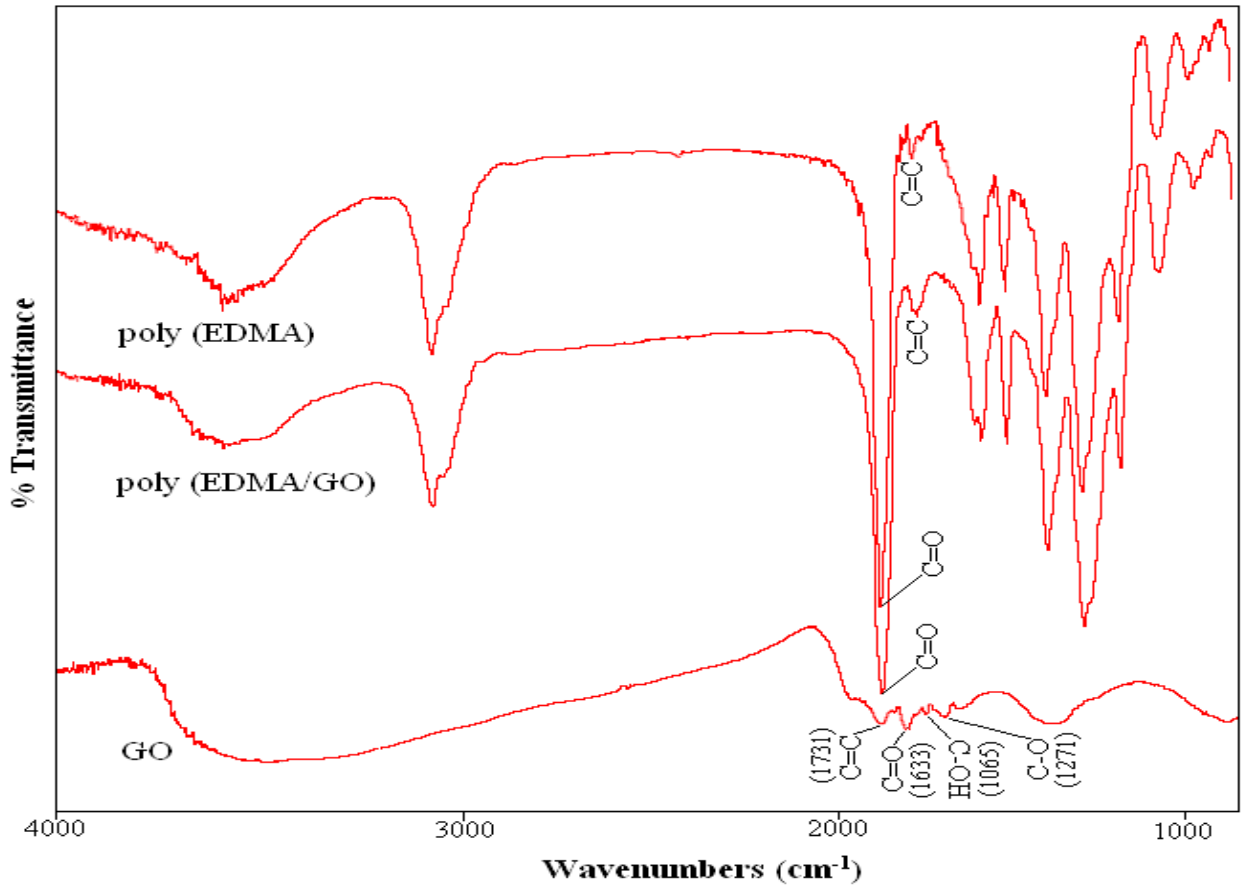

Fig.S2. Comparison of FT-IR spectra of the GO, the polymers produced EDMA, and the GO incorporated poly (EDMA) monolith

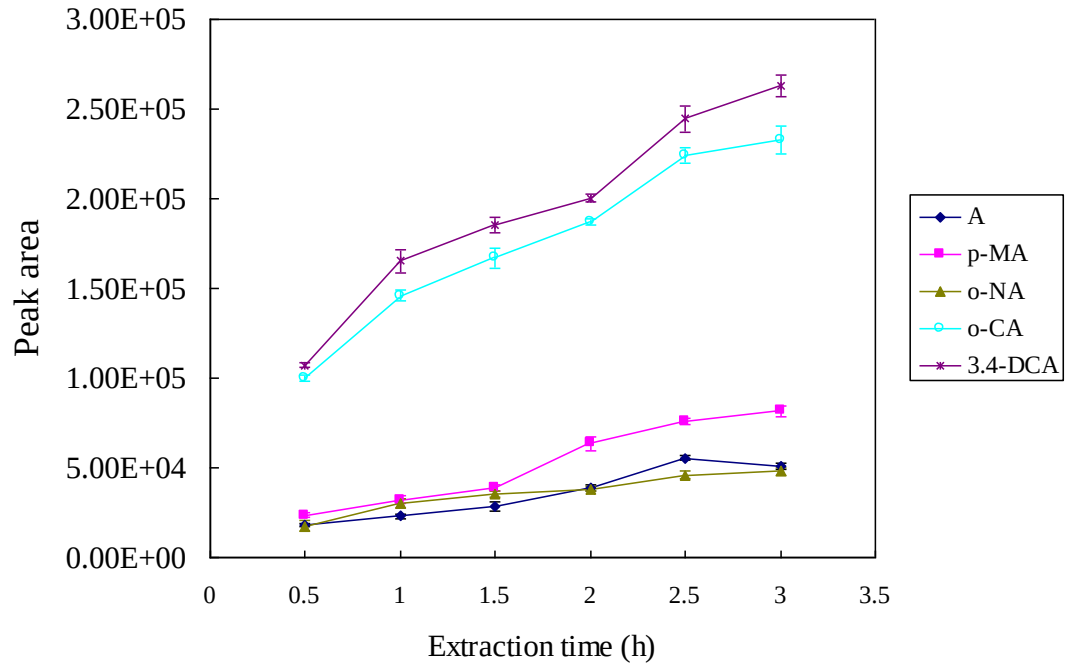

Fig.S3 The effect of extraction time on extraction efficiency
Conditions: using method/water (V/V=90/10) binary solution as desorption solvent;

the pH value and salt concentration in sample were 9.0 and 15%, respectively; the desorption time was 1.0 h.

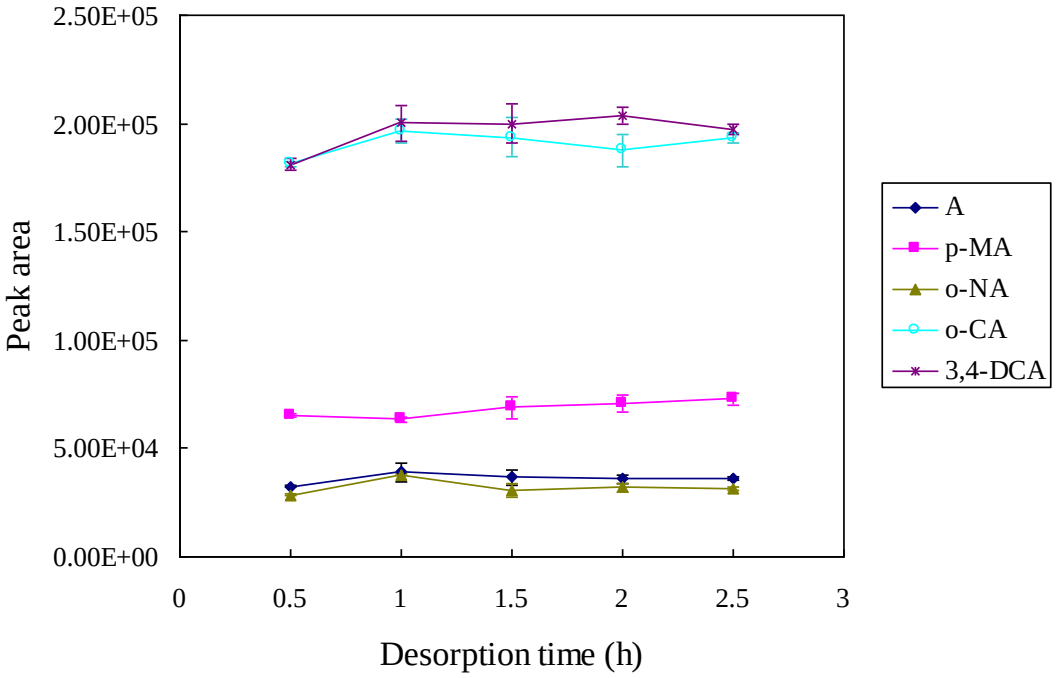

Fig.S4 The effect of desorption time on extraction efficiency

Conditions: using method/water (V/V=90/10) binary solution as desorption solvent; the pH value and salt concentration in sample were 9.0 and 15%, respectively; the extraction time was 2.0 h.