

**Fig.S1** MRM chromatogram for the mixture of six TCs standard at 50  $\mu$ g L<sup>-1</sup> in ESI mode. Peak identification: (1) ETC; (2) OTC; (3) TC; (4) DMC; (5) CTC; (6) ATC.

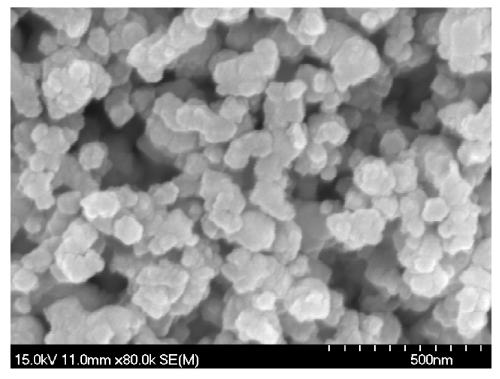


Figure S2 SEM images of GO/nZVI.

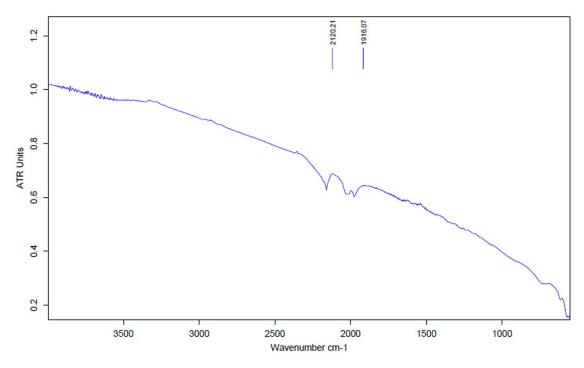
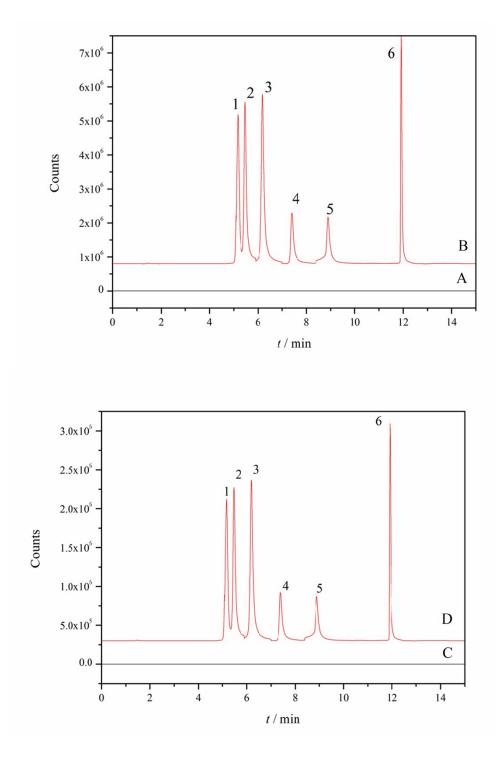


Figure S3 FTIR spectra of GO/nZVI.



**Fig. S4** MRM chromatograms of the blank water sample (A), the blank water sample spiked with 20.0  $\mu$ g L<sup>-1</sup> of TCs (B), the blank milk sample (C), and the blank milk sample spiked with 10.0  $\mu$ g L<sup>-1</sup> of TCs (D). Peak identification: (1) ETC; (2) OTC; (3) TC; (4) DMC; (5) CTC; (6) ATC.