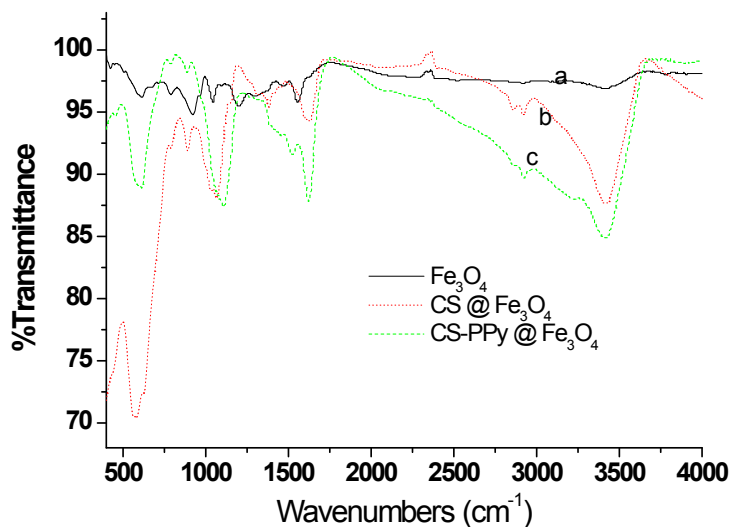


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## Supplemental Information

### Chitosan– polypyrrole @ Fe<sub>3</sub>O<sub>4</sub> nanocomposite for magnetic solid-phase extraction of macrolides from swine urine samples

Qie Gen Liao, Li Fang Hu and Lin Guang Luo\*



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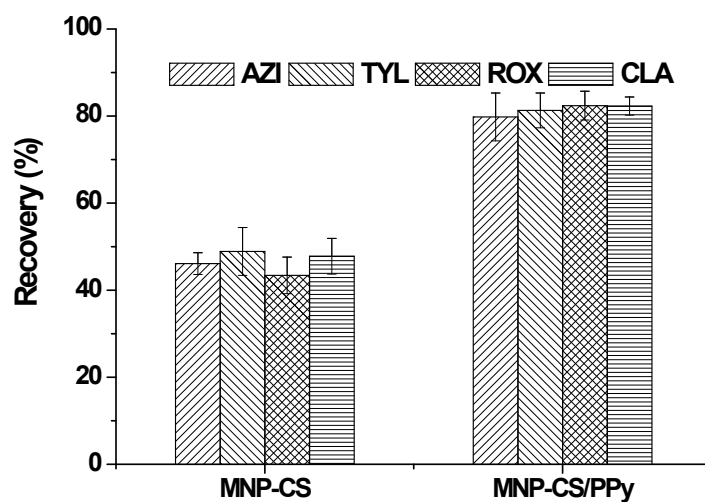
**Fig. S1** The FTIR spectra of Fe<sub>3</sub>O<sub>4</sub>, CS @ Fe<sub>3</sub>O<sub>4</sub> and CS-PPy @ Fe<sub>3</sub>O<sub>4</sub> magnetic nanocomposite

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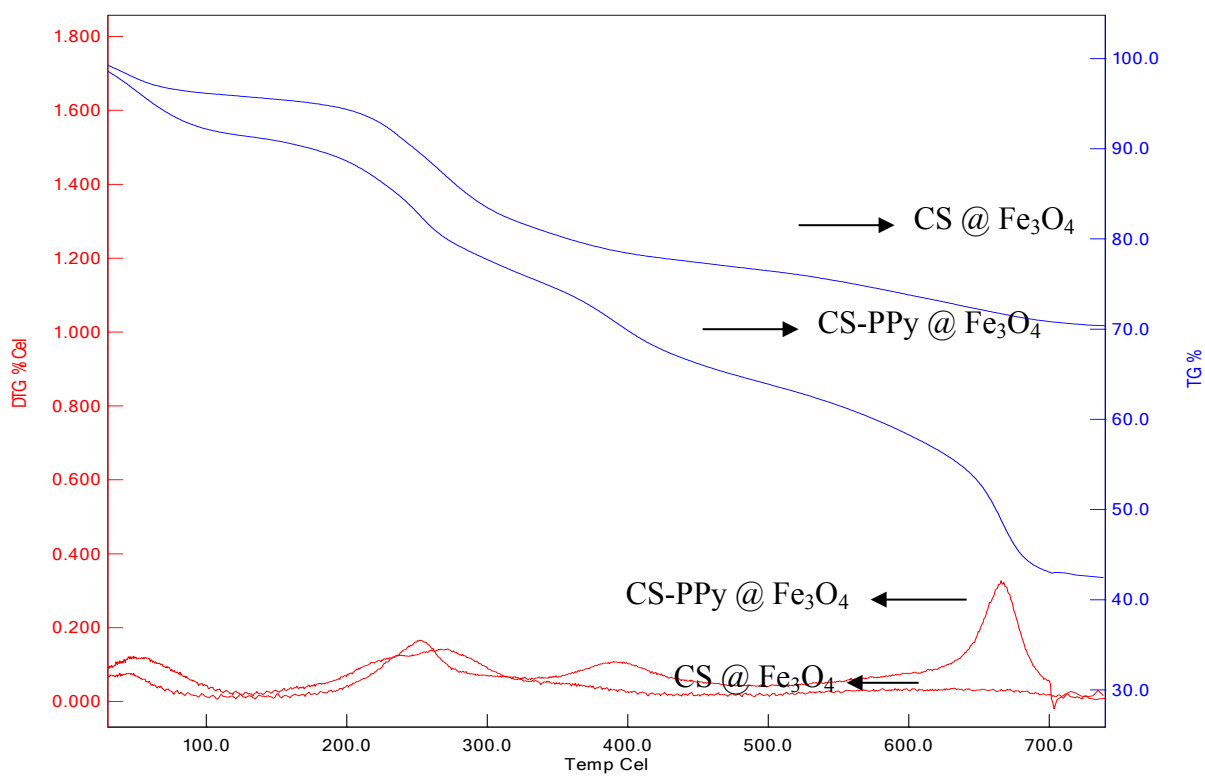
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**Fig. S2** Effect of different adsorbent on the recoveries of macrolides.

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**Fig. S3** The TG/DTG curves of CS @ Fe<sub>3</sub>O<sub>4</sub> and CS-PPy @ Fe<sub>3</sub>O<sub>4</sub> magnetic nanocomposite

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67 **Table S1**

68 The retention times, precursor ion, product ion and collision energy for identification and  
69 quantitation of macrolides using the multiple reaction monitoring (MRM) mode.

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Analyte	Retention time (min)	Precursor ion (m/z)	Product ion (m/z)	Collision energy (V)	Fragmen tor (V)	Dwell time (ms)
AZI	1.796	749.1	591.3	28	160	30
			158	44		30
ROX	3.465	837.6	679.5	20	140	30
			158.4	10		30
CLA	3.4	748.9	158.6	30	140	30
			116.5	45		30
TYL	2.986	916.2	772.2	28	160	30
			173.9	41		30

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