

Supplementary Information:

Synthesis of magnetic metal-organic frameworks composites $\text{Fe}_3\text{O}_4\text{-NH}_2\text{@MOF-235}$ for magnetic solid-phase extraction of benzoylurea insecticides from honey, fruit juice and tap water samples

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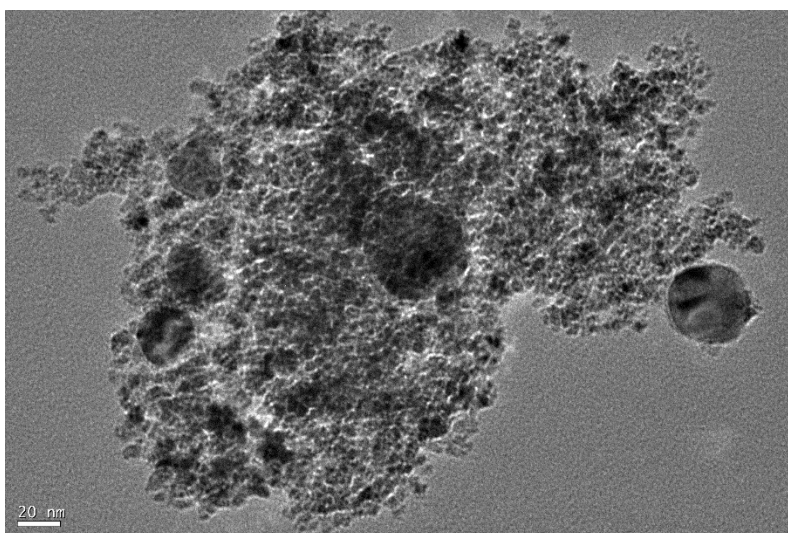


Figure S1 The TEM micrographs of magnetic composites $\text{Fe}_3\text{O}_4\text{-NH}_2\text{@MOF-235}$.

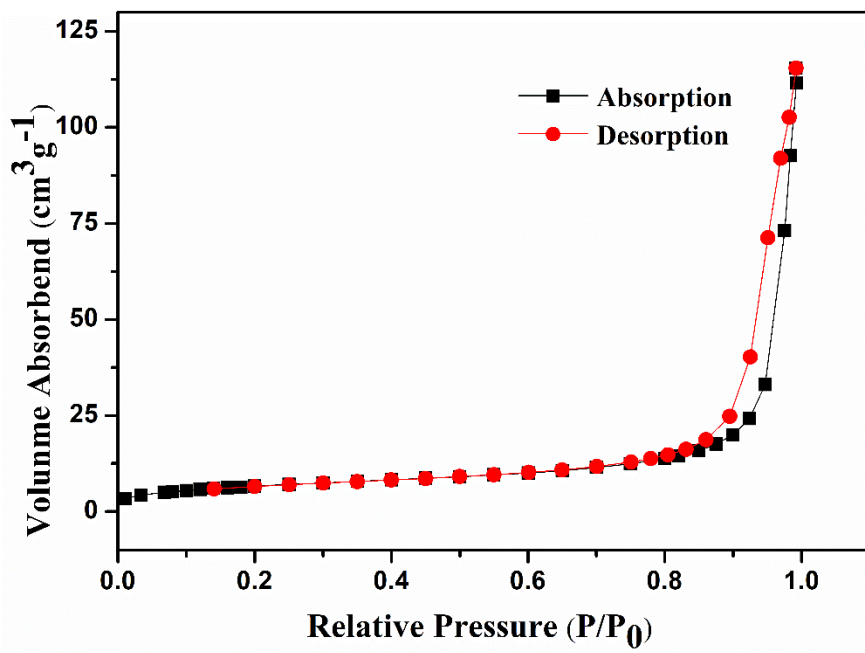


Figure S2 The N₂ adsorption-desorption isotherms of Fe₃O₄-NH₂@MOF-235.

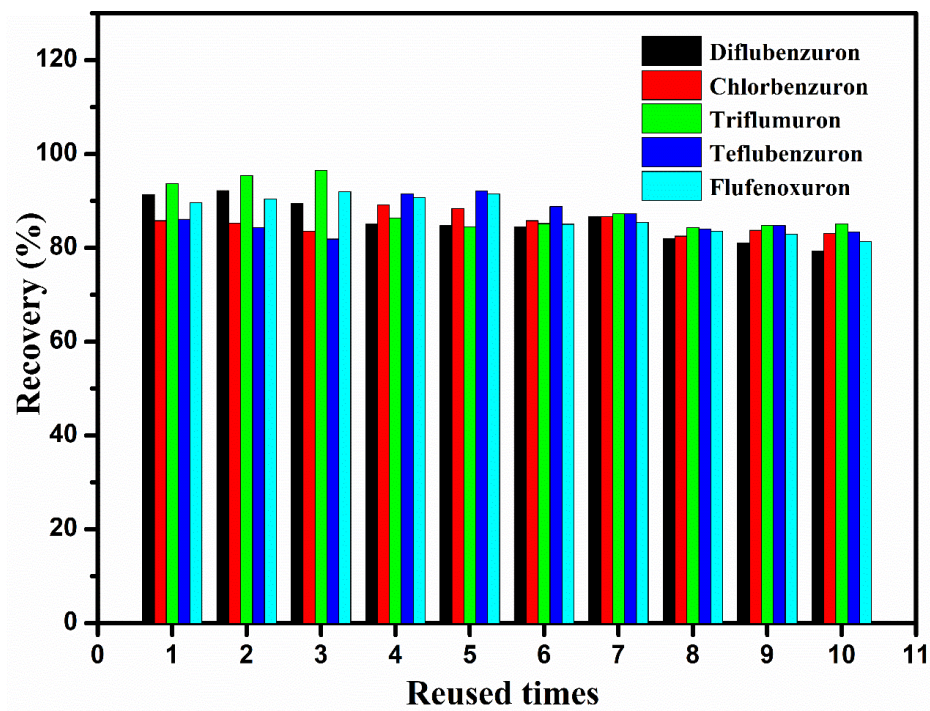


Figure S3 The reusability of magnetic Fe₃O₄-NH₂@MOF-235.

Table S1 Comparison of the methods for the determination of BUs.

Method	Extraction sorbent	Linearity range ($\mu\text{g/L}$)	LOD ($\mu\text{g/L}$)	Ref.
MSPE-HPLC	MP-POP ^a	0.8-160	0.08-0.2	6
SPE-HPLC	COF ^b -TpAzo	1.0-160	0.1-0.2	1
MSPE-HPLC	β -CDP ^c @Fe ₃ O ₄ Fe ₃ O ₄ -	3.0-800	0.2-0.8	5
MSPE-HPLC	NH ₂ @MOF-235	1.0-300	0.25-0.5	This work

1. ^aMP-POP: magnetic porphyrin-based porous organic polymers
2. ^bCOF: covalent organic framework
3. ^c β -CDP: β -cyclodextrin polymer