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A novel magnetic ionic liquid modified carbon nanotube for the simultaneous determination of aryloxyphenoxy-propionate herbicides and their metabolites in water

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Graphical abstract

Highlights

1. A new kind of ionic liquid modified carbon nanotube has been synthesized and applied for simultaneous analysis of AOPPs and their metabolites.
2. The potential pollutants, such as metabolites of AOPPs, have been analyzed.
3. The mechanism of absorption has been discussed
4. Varieties of experiment factors were optimized and selected.
5. This method has been successfully applied in the analysis of real water samples

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