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Title: Preparation and evaluation of amino modified graphene solid-phase microextraction fiber and its application to the determination of synthetic musks in water samples

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1 **Highlights**

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- 3 ● NH₂-modified graphene fiber was prepared and characterized for the first time.
4 ● NH₂-modified graphene fiber exhibited superior extraction performance.
5 ● The homemade fiber was evaluated by analyzing synthetic musks in water sample.

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8 **Preparation and evaluation of amino modified graphene**
9 **solid-phase microextraction fiber and its application to the**
10 **determination of synthetic musks in water samples**

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