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Title: Fast determination of alkylphenol ethoxylates in leafy vegetables using a modified QuEChERS and ultra-high performance supercritical fluid chromatography–tandem mass spectrometry

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**Fast determination of alkylphenol ethoxylates in leafy vegetables using a modified QuEChERS and ultra-high performance supercritical fluid chromatography–tandem mass spectrometry**

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**Research highlights**

- A new UHPSFC-MS/MS method for analysis of APEOs in leafy vegetables is reported.
- Variables affecting the UHPSFC were optimized to get better separation and sensitivity.
- The tested 38 NPEOs and OPEOs are analyzed within 5 min.
- The method showed a satisfactory and well performance parameters.
- The target analytes were quantified in market samples up to 95.75 µg/kg.

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