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“Inverse” cloud point extraction coupled with large volume injection ion-pair chromatography: a green route integrating extraction, challenging sample cleanup and on-column concentration into fast simple operation

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Abstract

The efficient isolation of trace hydrophilic compounds from complicated aqueous-rich samples remains a daunting challenge. Herein, to address the analytical bottleneck, a novel inverse cloud-point extraction (ICPE) strategy was proposed based on the extraction principle opposite to that used in traditional CPE. Then, an original

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