

Accepted Manuscript

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Authors: Yue Li, Lening Zhang, Lijie Wu, Shuang Sun, Hongyan Shan, Ziming Wang

PII: S0021-9673(18)30852-5
DOI: <https://doi.org/10.1016/j.chroma.2018.07.013>
Reference: CHROMA 359525

To appear in: *Journal of Chromatography A*

Received date: 9-3-2018
Revised date: 28-6-2018
Accepted date: 2-7-2018

Please cite this article as: Li Y, Zhang L, Wu L, Sun S, Shan H, Wang Z, Purification and enrichment of polycyclic aromatic hydrocarbons in environmental water samples by column clean-up coupled with continuous flow single drop microextraction, *Journal of Chromatography A* (2018), <https://doi.org/10.1016/j.chroma.2018.07.013>

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**Purification and enrichment of polycyclic aromatic hydrocarbons in
environmental water samples by column clean-up coupled with
continuous flow single drop microextraction**

Yue Li¹, Lening Zhang², Lijie Wu¹, Shuang Sun¹, Hongyan Shan¹, Ziming Wang^{1,*}

¹ College of Chemistry, Jilin University, 2699 Qianjin Street, Changchun, 130012, China

² Department of Thoracic Surgery, China-Japan Union Hospital of Jilin University, Changchun,
130012, China

*Corresponding author. Ziming Wang

Tel.: +86-431-85168399; fax: +86-431-85112355.

Highlights

- A CCU-CF-SDME system was assembled for extraction of PAHs in environmental water samples.
- The continuous flow extraction and enrichment were performed.
- The purification, extraction and enrichment were carried out in one step.
- The method can be applied to the analysis of environmental water samples.
- No further filtration or cleanup was required before analysis by GC-MS.

E-mail address: wangziming@jlu.edu.cn (Z. Wang)

Abstract

A novel method for the determination of sixteen polycyclic aromatic hydrocarbons (PAHs) in environmental water samples was developed using column clean-up (CCU) coupled with continuous flow single drop microextraction (CF-SDME) prior to the

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