

Accepted Manuscript

Title: Natural deep eutectic solvents as eco-friendly and sustainable dilution medium for the determination of residual organic solvents in pharmaceuticals with static headspace-gas chromatography

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PII: S0731-7085(18)30581-8
DOI: <https://doi.org/10.1016/j.jpba.2018.06.002>
Reference: PBA 12006

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 9-3-2018
Revised date: 15-5-2018
Accepted date: 1-6-2018

Please cite this article as: Wang M, Fang S, Liang X, Natural deep eutectic solvents as eco-friendly and sustainable dilution medium for the determination of residual organic solvents in pharmaceuticals with static headspace-gas chromatography, *Journal of Pharmaceutical and Biomedical Analysis* (2018), <https://doi.org/10.1016/j.jpba.2018.06.002>

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Title page**Natural deep eutectic solvents as eco-friendly and sustainable dilution medium for the determination of residual organic solvents in pharmaceuticals with static headspace-gas chromatography**

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Highlights

- A simple and rapid SHS-GC method for determination of residual solvents was proposed.
- The eco-friendly NADESs are firstly used as the matrix medium for the SHS-GC method.
- NADESs showed higher peak area response and superior stability.
- The developed method was used to detect the residual solvents in six drug substances.

Abstract

Reported here is a simple and rapid static headspace gas chromatography (SHS-GC)

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