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Title: Development of a Solid-Phase Microextraction (SPME) Fiber Protector and its Application in Flammable Liquid Residues Analysis

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Development of a Solid-Phase Microextraction (SPME) Fiber Protector and its Application in Flammable Liquid Residues Analysis

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Graphical abstract



Highlights

- A robust and easily assembled SPME fiber protector was developed.
- It is easily connected to commercial SPME holders and prevents fiber breaking.
- The SPME PROTECTOR was validated for ignitable liquid residues analysis.
- The SPME PROTECTOR can be used for all SPME analytical areas.
- The SPME PROTECTOR may widen the SPME analytical possibilities.

Abstract

Solid-phase microextraction (SPME) has been established as a very powerful alternative to traditional extraction methods since its introduction in the early 1990s.

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