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Fabrication of nanoscale graphitic carbon nitride/copper oxide hybrid composites coated solid-phase microextraction fibers coupled with gas chromatography for determination of polycyclic aromatic hydrocarbons

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Highlight

- A novel nanoscale graphitic C₃N₄ hybridized with CuO composite was prepared
- The nano-g-C₃N₄/CuO composite was used as the coating of SPME
- The coating demonstrated a high adsorption affinity for PAHs

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