A NEW SENSITIVE AND FAST DETECTION SYSTEM FOR AMPHETAMINE TYPE STIMULANTS (ATS), BASED ON GAS-CHROMATOGRAPHY (GC) AND HOLLOW FIBER INFRARED ABSORPTION SPECTROSCOPY (HF-IRAS)

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Abstract

A new detection system for ATS and their precursors has been designed and a bench-top demonstrator has been realized. A test campaign has been performed in order to assess the overall system behavior, and the results confirmed the feasibility of this type of device.