DEVICE AND METHOD FOR DETECTION OF CANNABIS AND OTHER CONTROLLED SUBSTANCES USING FAIMS

A system for collecting cannabis and the psychoactive component tetrahydrocannabinol or other controlled substances from a sample of exhaled breath. Single or multiple exhaled breaths are conditioned by removing contaminants, and regulating flow rate and/or pressure to collect a sample of tetrahydrocannabinol for timely local or remote analysis using FAIMS. The cannabis detection system comprises a containment trap for removing interfering materials from the breath of the subject and a collection component for sampling components of breath introduced into the system through the containment trap for FAIMS analysis to determine the level of THC or other controlled substance in the breath.
dans le système par l'intermédiaire du piège de confinement à des fins d'analyse par le spectromètre FAIMS en vue de déterminer le taux de THC ou d'une autre substance réglementée dans l'haleine.

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