Determination of a Urinary Drug Metabolite using Liquid Chromatography Combined with FAIMS-MS and FAIMS-In Source CID-MS

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Introduction and Overview

- \succ The quantitative determination of (R/S) Ibuprofen 1- β -O acyl glucuronide (IAG) in urine by LC-FAIMS-MS is reported using a miniaturised FAIMS device
- > The use of FAIMS reduces matrix chemical noise and improves quantitation limits for IAG
- fragment ions are monitored using a single mass analyser

mobility under alternating high and low electric fields.



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