

System and Method for Liquid Extraction Assisted Sample Transfer to Solution for Chemical Analysis

Disclosure Number

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Technology Summary

Liquid extraction-based surface sampling mass spectrometry (MS) employing spatially resolved confined liquid/solid extraction of the analyte(s) of interest from a surface is becoming an established analysis methodology. The increased use of this methodology is due in part to the realization that this sampling method provides unrivaled sensitivity compared to other ambient surface sampling techniques. The invention includes the concept of a sample collection step combined with the surface sampling process using a sampling probe and a collection apparatus.

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