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Chromatographic Science, Vol. 38, July 2000 Theory of Solid-Phase Microextraction The theory presented in this chapter, developed by applying basic fundamentals of thermodynamics and mass transfer, provides insight and direction when developing solid-phase microextraction (SPME) methods and identifies parameters for rigorous control and optimisation. Theory of Solid-Phase Microextraction - ScienceDirect Solid Phase Microextraction: Theory and Practice Janusz Pawliszyn Solid phase microextraction (SPME) is a recently proposed solvent-free sampling and sample preparation technique. SPME represents a quick, sensitive, and economical approach that can be adopted for field work and can be easily integrated with present analytical instrumentation into an automation process. Solid Phase Microextraction: Theory and Practice - Janusz ... Solid Phase Microextraction. SPME is a rapid sample preparation technique in which a small amount of extracting phase is put in contact with a sample for a controlled period of time. Because of the partial

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