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Nota di contenuto	Electrokinetic Chromatography; Contents; List of Contributors; Preface; 1 Theory of Electrokinetic Chromatography; 2 Determination of Critical Micelle Concentrations by Capillary Electrokinetic Techniques; 3 Selectivity Characterization of Pseudostationary Phases Using the Solvation Parameter Model; 4 General Aspects of Resolution Optimization with Micellar Pseudostationary Phases; 5 Optimization of the Separation Conditions in Electrokinetic Chromatography: Experimental Designs, Modelling and Validation; 6 Microemulsion Electrokinetic Chromatography 7 Polymeric Pseudostationary Phases and Dendrimers 8 Pseudostationary Ion-exchange Phases; 9 Principles of Enantiomer Separations in Electrokinetic Chromatography; 10 On-line Sample Enrichment in Electrokinetic Chromatography; 11 General Aspects of Instrumentation; 12 Laser-induced Fluorescence Detection: A Summary; 13 Amperometric Detection; 14 Photothermal Detection; 15 Coupling of Electrokinetic Chromatography to Mass Spectrometry; 16 Electrokinetic Chromatography on Microfluidic Devices; 17 Electromigration Separation Techniques in Pharmaceutical Analysis

Sommario/riassunto

This book offers a thorough theoretical description of the method, an overview on the current status of the various forms of electrokinetic capillary chromatography, plus a look forward into future developments. Focuses on the technique of electrokinetic capillary chromatography and its applications in various areas, including pharmaceutical, industrial, environmental, and biological chemistry. Features invaluable information put together from experienced researchers in the area. First book to discuss this technique in detail. Covers a topic that is part of the exploding field of