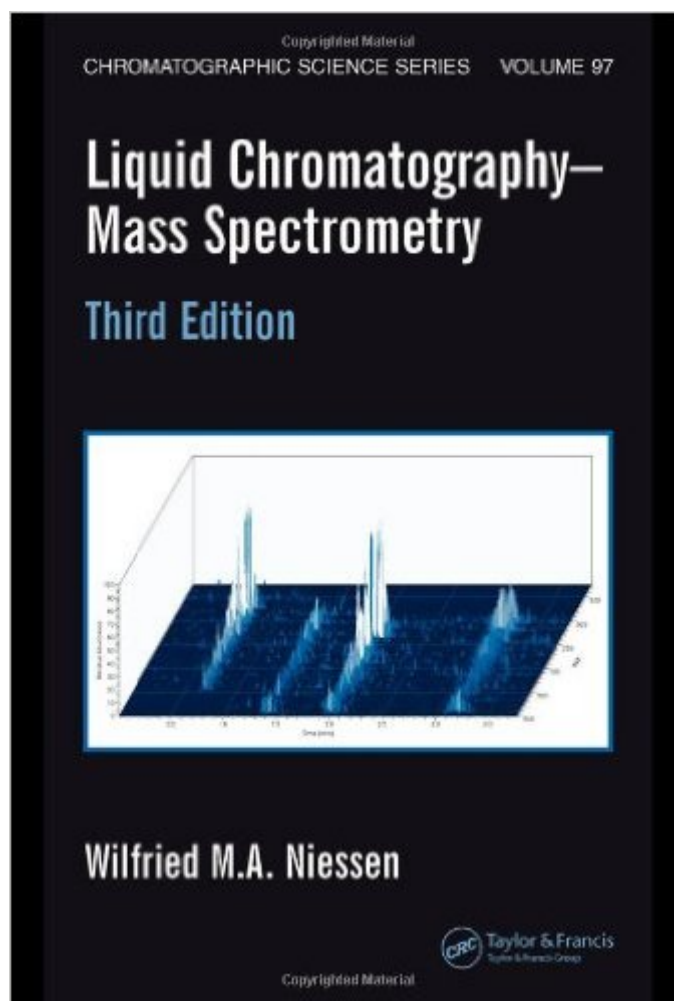


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Liquid Chromatography–Mass Spectrometry, Third Edition (Chromatographic Science Series)



Synopsis

A constructive evaluation of the most significant developments in liquid chromatographyâ€”mass spectrometry (LCâ€”MS) and its uses for quantitative bioanalysis and characterization for a diverse range of disciplines, *Liquid Chromatographyâ€”Mass Spectrometry, Third Edition* offers a well-rounded coverage of the latest technological developments and applications. As the technology itself has matured into a reliable analytical method over the last 15 years, the most exciting developments occur in LCâ€”MS augments research into new applications. This edition places a stronger emphasis than previous editions on the impact of LCâ€”MS methods, dedicating two-thirds of the text to small-molecule and biomolecular applications such as proteomics, pharmaceutical drug discovery and development, biochemistry, clinical analysis, environmental studies, and natural products research. Supported by the most relevant literature available, each chapter examines how the strategies, technologies, and recent advancesâ€”from sample pretreatment to data processingâ€”in LCâ€”MS helped to shape these disciplines. Featuring new chapters and extensive revisions throughout the book, *Liquid Chromatographyâ€”Mass Spectrometry, Third Edition* continues to provide scientists with a definitive guide and reference to the most important principles, strategies, and experimental precedents for applying LCâ€”MS to their research.

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