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Nota di contenuto	Title Page; Copyright; Table of Contents; List of Contributors; The structure of "The HPLC-Expert"; Preface; Chapter 1: LC/MS Coupling; 1.1 State of the Art in LC/MS; 1.2 Technical Aspects and Pitfalls of LC/MS Hyphenation; 1.3 LC Coupled to MS - A User Report; References; Chapter 2: Optimization Strategies in RP-HPLC; 2.1 Introduction; 2.2 LC Fundamentals; 2.3 Methodology of Optimization; 2.4 Outlook; References; Chapter 3: The Gradient in RP-Chromatography*; 3.1 Aspects of Gradient Optimization; 3.2 Prediction of Gradients; References Chapter 4: Comparison and Selection of Modern HPLC Columns4.1 Supports; 4.2 Stationary Phases for the HPLC: The Historical Development; 4.3 pH Stability and Restrictions in the Use of Silica; 4.4 The Key Properties of Reversed Phases; 4.5 Characterization and Classification of Reversed Phases; 4.6 Procedure for Practical Method Development; 4.7 Column Screening; 4.8 Column Databases; References; Chapter 5: Introduction to Biochromatography; 5.1 Introduction; 5.2 Overview of the Stationary Phases; 5.3 Reversed-Phase Chromatography of Peptides and Proteins

5.4 IEC Chromatography of Peptides and Proteins5.5 Size-Exclusion Chromatography of Peptides and Proteins; 5.6 Further Types of Chromatography - Brief Descriptions; 5.7 Summary; Chapter 6: Comparison of Modern Chromatographic Data Systems; 6.1 Introduction; 6.2 The Forerunners for CDS; 6.3 CDS Today; 6.4 Advantages and Disadvantages of File-Based CDS; 6.5 Advantages and Disadvantages of Database-Supported CDS; 6.6 CDS in a Network Environment; 6.7 Instrument Control; 6.8 Documentation and Compliance; 6.9 Brief Overview of Current Systems; 6.10 The CDS of Tomorrow; 6.11 Special Extensions  
6.12 Open Interfaces6.13 The CDS in 20 Years; Acknowledgment; Chapter 7: Possibilities of Integration Today; 7.1 Peak Overlay - Effect on the Chromatogram; 7.2 Separation Techniques for Higher-Level Peaks; 7.3 Application of Separation Methods; 7.4 Chromatogrammsimulation; 7.5 Deconvolution; 7.6 Evaluation of Separation Methods; 7.7 Practical Application of Deconvolution; References; Chapter 8: Smart Documentation Strategies; 8.1 Introduction; 8.2 Objectives of Documentation; 8.3 The Life Cycle Model for Regulated Documents in Practice  
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10.10 Facebook Pages (Examples)

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