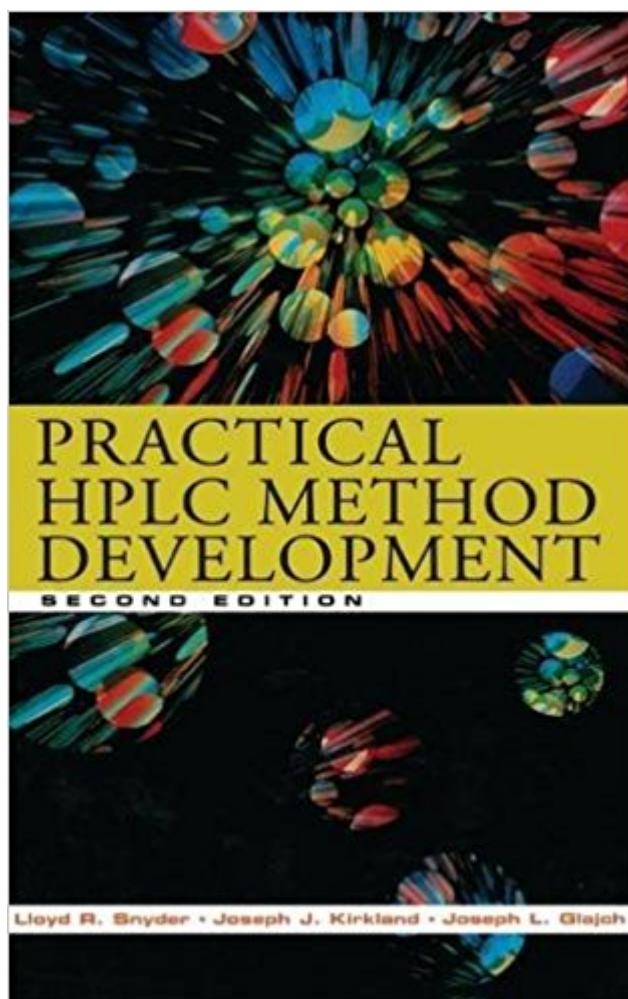


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Practical HPLC Method Development



Synopsis

This revision brings the reader completely up to date on the evolving methods associated with increasingly more complex sample types analyzed using high-performance liquid chromatography, or HPLC. The book also incorporates updated discussions of many of the fundamental components of HPLC systems and practical issues associated with the use of this analytical method. This edition includes new or expanded treatments of sample preparation, computer assisted method development, as well as biochemical samples, and chiral separations.

Book Information

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Customer Reviews

This is a very useful reference to have if you work extensively on HPLC. I find its of more use to understand concepts ...there is a lot of information here. Which means - if you are looking for a solution to a problem and you want to research separation theory - a great book. If your looking for a quick fix to an HPLC problem - not as good. This is a detailed, extensive and well written text on HPLC Method development - wish there was more on validation here though.

Rational Method development for HPLC is resented. Instruction of rational development of 3-solvent separation system is excellent. This book also has useful know-hows and tools in practical laboratory experiments, such as strength of hydrogen bonding of base silica and nomograph for estimation of "solvent strength" for reversed phase HPLC.

This is the best book of which I know, on the development of HPLC (High Performance Liquid

Chromatographic) separations. However, there have been important changes in HPLC since this edition, especially with smaller diameter particles for packing materials. I wish Wiley would prod the authors on an update.

This is the first book I take off the shelf when I need to develop a method. When I stumbled on a resolution problem and decided to switch to an ion exchange method, I read the section covering the subject and without any difficulty had my problem solved. There was enough detail to help me get the method up and running in a couple of days. I only wish it was available on the Kindle.

I find this book to be a valuable reference book on HPLC. I work extensively with HPLC and I can always rely on it to provide the in-depth explanations of what's going on. It covers all aspects of method development, from deciding where to start and figuring out what's going wrong, to finishing the method and validating it, although the validation chapter is just an overview. As of 2007, it's still relatively up to date, regarding new column technologies and latest practices. I really recommend this book, if it's your first time developing a method or if you're a seasoned professional, you will find many useful chapters in the book.

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