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The Book Corner

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THE BOOK CORNER

A Note From the Book Corner Editor

The Journal of Liquid Chromatography, in the benefit of its readers publishes reviews on books directly related to liquid chromatography. Also, in the interest of our readers the Journal will publish the title, author(s) or editor(s), price and table of contents of any book that deals with analytical chemistry and related chemistry, biochemistry and pharmaceutical fields. The following two books fall into this category.

Haleem J. Issaq, Ph.D.
Book Corner Editor

LIQUID CHROMATOGRAPHY/MASS SPECTROMETRY, TECHNIQUES AND APPLICATIONS, A. L. Yergey, C. G. Edmonds, I. A. S. Lewis, and M. L. Vestal, Modern Analytical Chemistry Series, D. Hercules, Editor, 306 pages, Plenum Press, New York and London, 1989. \$65.00; price 20% higher outside USA and Canada.

Liquid Chromatography/Mass Spectrometry is a very important and informative technique. The book is intended as both an introduction and a reference for future workers. The book, according to the authors admission, is "to be of use to people just beginning to use the technique as well as to more advanced practitioners". As the table of contents shows, half the book, Chapter 9, is a listing of useful references in chronological order covering up to 1988. The book is easy to read and free of errors.

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ANALYTICAL MICROBIOLOGY METHODS, CHROMATOGRAPHY AND MASS SPECTROMETRY, A. Fox, S. L. Morgan, L. Larsson and G. Odham, Editors, Plenum Press, New York and London, 1990, 280 pages. \$65.00; prices 20% higher outside USA and Canada.

This book is based on presentations at the First International Symposium on the Interface between Analytical Chemistry and Microbiology: Applications of Chromatography and Mass Spectrometry which was held in June 1987 at the University of South Carolina, Columbia, South Carolina. Each chapter describes specific methodology and applications in the context of the relevant scientific background.

The authors believe that "this book has the potential to stimulate a revolution of improved methods for automated and rapid identification of microorganisms, characterization of microbial products and constituents, and trace detection of microbial chemicals, and be the beginning of a new discipline, "Analytical Microbiology", arising at the interface between analytical chemistry and microbiology". We hope that they are accurate in their assessment.

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ION CHROMATOGRAPHY, H. Small, Modern Analytical Chemistry Series, D. Hercules, Editor, Plenum Press, New York and London, 1990, 376 pages. \$49.50; prices 20% higher outside USA and Canada.

Modern ion chromatography is a relatively new instrumental technique, for the separation of a mixture of organic as well as inorganic species. A primary purpose of this book is to provide a systematic account of this fundamental chemistry and the principles that underlie it.

The author states, "I have treated detection in IC at some length, in the first place because detection stands equal in importance to separation in modern chromatography, and second because new methods of detection are largely responsible for the renaissance of ion exchange in analytical chemistry". We agree with him.

The book is well written and deals with the principles as well as the application in a clear manner. It is recommended as a reference in every analytical laboratory. Dr. Small has done a wonderful job, he is both an excellent scientist and writer.

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