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The Book Corner

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THE BOOK CORNER

IMMUNOLOGICAL METHODS FOR ENVIRONMENTAL ANALYSIS, J. M. Van Emon and R. O. Mumma, Editors, ACS Symposium Series, Volume 442, American Chemical Society, Washington, DC, 1990. Price: \$49.95.

This book was developed from a Symposium sponsored by the Division of Agrochemicals at the 198th ACS National Meeting, September 1989 so the material presented is fairly recent and up to date. Immunochemical methods provide a rapid, sensitive and high throughput of samples compared to chromatographic techniques (GC and HPLC) which are the dominant methods for environmental analyses. This may be due to the fact that the development of the immunochemical methods are multidisciplinary. The book is concise and easy to read. It is no doubt a good introduction to the subject. At \$49.95 it is not only affordable but cheap by today's prices and is a good addition to the analysts library.

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HPLC IN CLINICAL CHEMISTRY, by I.N. Papadoyannis, *Chromatographic Science Series Volume 54*, Jack Cazes, Executive Editor, Marcel Dekker, Inc., New York, NY, 1990. Price: \$115.00 (USA and Canada), \$138.00 (all other countries).

This timely volume of a very popular and useful qualitative and quantitative technique is divided into two main parts. Part One deals with instrumentation while Part Two deals with the application of HPLC in clinical chemistry. The instrumentation part is concise and to the point, however, the discussion of solvent systems (5 pages) is too short to be of a meaningful value in method development and solvent optimization. Part Two deals with the separation of different groups of compounds. This part, which is the major part of the book, is well written and of great value to clinical as well as other analytical chemists.

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