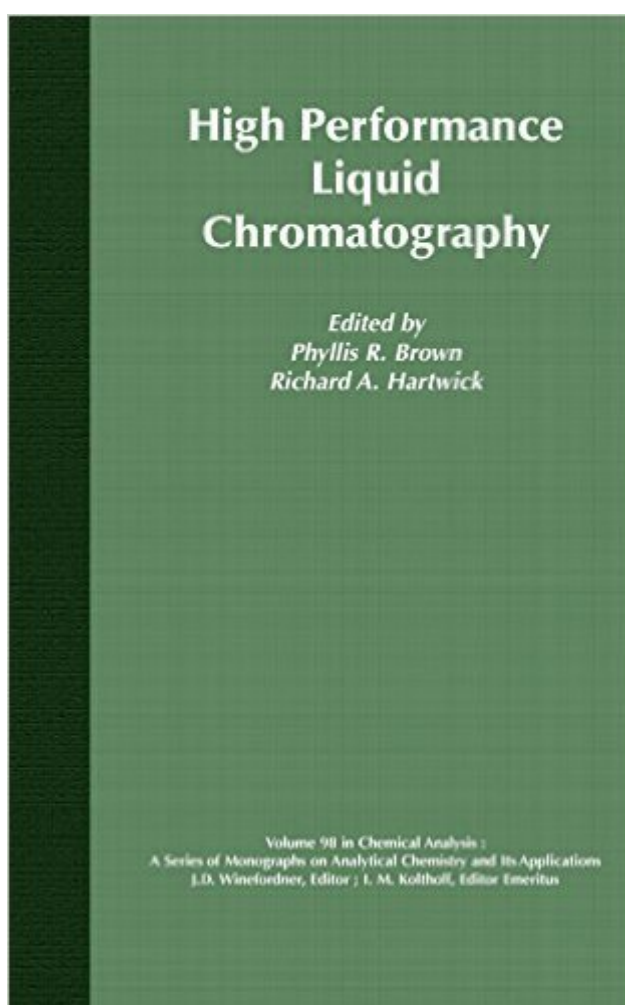


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# High Performance Liquid Chromatography (Chemical Analysis: A Series Of Monographs On Analytical Chemistry And Its Applications)



## Synopsis

Detectors for Liquid Chromatography Edited by Edward S. Yeung Written by an expert in the field, this comprehensive guide explains the basic principles behind detector response instrumentation and selected applications. Early chapters cover absorption detectors for high performance liquid chromatography, FTIR detection, indirect absorbance detectors, fluorometric detection, and polarimetric detectors. Coverage continues with detection based on electrical and electrochemical measurements, mass spectrometry as an online detector for HPLC, and miscellaneous methods. 1986 0 471-82169-1 366 pp.

Small Bore High Performance Liquid Chromatography Edited by Raymond R. W. Scott A state-of-the-art guide that demonstrates how to design, construct, and pack optimized small bore columns, the center of any chromatography system. Case examples show the use of these columns for high resolution, very fast analysis, and special methods for molecular weight determinations. Applications from a wide range of industrial and forensic analyses aid in developing sophistication in a number of useful techniques. The book provides essential information on topics such as calculating the minimum column radius, detectors, and molecular diffusion. Includes 92 illustrations and 14 tables to enhance explanations of microbore HPLC methods. 1984 0 471-80052-X 271 pp.

Reversed-Phase High Performance Liquid Chromatography: Theory, Practice, and Biomedical Applications Ante M. Krstulovic and Phyllis R. Brown Reversed-phase liquid chromatography has increased tremendously in popularity over the past ten years. Estimates show that more than 80% of all HPLC separations are performed using this technique. This book covers both theoretical aspects of RPLC and practical information needed in diverse areas of research; it also contains a review of the RPLC applications in the biomedical/biochemical field, with references and collateral readings. Material is presented in a practical, problem-solving manner and should be immensely useful in theoretical aspects of RPLC and all areas of scientific research, particularly the biomedical/biochemical field, where RPLC has made its largest impact. 1982 0 471-05369-4 296 pp.

## Book Information

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