



# Gas Chromatography and Mass Spectrometry: A Practical Guide

By Fulton G. Kitson, Barbara S. Larsen, Charles N. McEwen

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**Gas Chromatography and Mass Spectrometry: A Practical Guide** By Fulton G. Kitson, Barbara S. Larsen, Charles N. McEwen

This guide provides, under one cover, a wealth of practical information designed to facilitate the effectiveness of the GC/MS user. Separation conditions for numerous compound types are provided along with derivatized and underderivatized compounds. A section on how to interpret mass spectral data, an extensive correlation of ion masses and neutral losses with possible structures, and examples of mass spectra are provided to further aid structure determination. Also included are basic information on instrumentation, ionization methods, quantitation, tips on the operation of mass spectrometers, the best derivatization procedures for a variety of compound types, troubleshooting techniques, and a variety of other information found to be useful to the practicing user of GC/MS instrumentation. This guide would be immediately valuable to the novice as well as the experienced GC/MS user who may not have the breadth of experience covered in this book.

## Key Features

- \* Condenses and organizes recent and essential information for new and experienced GC/MS users
- \* Comprehensively indexed and referenced
- \* Includes practical methods of analysis
- \* Serves as a text reference for short practical courses on the subject

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**Gas Chromatography and Mass Spectrometry: A Practical Guide By Fulton G. Kitson, Barbara S. Larsen, Charles N. McEwen Bibliography**

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### **Review**

"The most distressing aspect of GC/MS: A Practical User's Guide is the similarity of its title to **Gas Chromatography and Mass Spectrometry: A Practical Guide** by Kitson, Larsen, and McEwen.... The Kitson *et al.* book is very useful to the practicing GC/MS user; and, hopefully, potential readers will not be confused by this similarity in titles."

--JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROSCOPY

### **From the Back Cover**

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