This book provides a detailed description of various multidimensional chromatographic separation techniques. The editor first provides an introduction to the area and then dives right into the various complex separation techniques. While still not used routinely comprehensive chromatography techniques will help acquaint the readers with the fundamentals and possible benefits of multidimensional separations coupled with mass spectrometry.

The topics include a wide range of material that will appease all interested in either entering the field of multidimensional chromatography and those looking to gain a better understanding of the topic.

Luigi Mondello is an expert in the field of multidimensional chromatography. He has published a number of books and papers in his field and has been an invited speaker at a number of conferences. He is Editor of the Journal of Separation Science (Wiley). Recently he was awarded The Chromatographic Society's Silver Jubilee Medal award for his work in the field of chromatography and the COLACRO Medal for his contribution to the development and diffusion of the Chromatographic Techniques, and the HTC-Award for the most outstanding and innovative work in the field of hyphenated chromatographic techniques from the Flemish Chemical Society. He is currently Full Professor of Analytical Chemistry at the University of Messina in Italy and permanent member of the scientific committee of the International Symposium on Capillary Chromatography (ISCC); the
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