

more than a reorganized version of the first edition and word for word transformation of contents removed from Volumes 1 and 2. There is not a single revision or expansion as stated on the cover and title page of this book. The cost for this edition is \$35.

The first two volumes of this book were published in 1967 and 69. This reviewer found no new references beyond 1967 in Volume 3.

The contents of this book include column chromatography procedures for separation of polar lipids; thin layer chromatography (TLC) of neutral lipids, bile alcohols, and acids; and gas chromatography of sterols, fatty acids and derivatives, and long chain fatty aldehydes. The book consists of 304 pages of text and illustrations, and an author and subject index.

The contents in the eight chapters of this book are of interest to chemists and biochemists working on methods of lipid analysis. The first edition of these books, Volumes 1 and 2, were very well received in the field and are no longer available from the publisher. What previously was published in two volumes now appears in toto in three. This is probably what the publisher meant in its promotional letter on the new second edition as being revised and expanded. More likely it appears to be a way to meet the inflationary trends of the publishing business.

An erroneous description of a gas liquid chromatography (GLC) column used in the chapter on gas chromatography of cholesterol has never been corrected from the way it was reported in the original manuscript. For example, 1% SE-30 on 100-120 Gas Chrom P is not the correct description of the column that was really used for the analysis of sterols. Gas Chrom P is just an acid and base washed support which requires further acid washing and silane treatment before it can be used for making the packing to do the analysis described in this chapter. The product is no longer Gas Chrom P, but a modified version of it. It would be fruitless if anyone tried to repeat this work.

The authors provided a most valuable outline for their areas of expertise in chromatographic methods, and the wealth of general information presented in each chapter makes this book very useful as a guide for anyone separating lipids and their derivatives by GLC, TLC, and column chromatography. The book is both expensive and worthwhile. It is just unfortunate that the revision wasn't updated to include more recent reference materials in developments in chromatography.

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