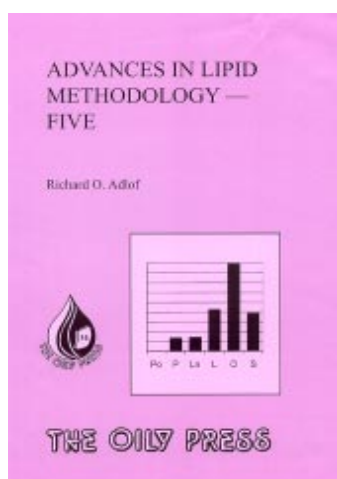


A volume in the well-known series of books explaining the latest advances in lipid methodology.....



ADVANCES IN LIPID METHODOLOGY — FIVE

Edited by Richard O. Adlof

National Center for Agricultural Utilization Research,
Agricultural Research Service, US Department of
Agriculture, Peoria, Illinois, USA

ISBN-13: 978-0-9531949-6-4 (ISBN-10: 0-9531949-6-5),
November 2003, Price £95 or US\$193, Hardback, 234 x 156
mm, 384 pages, 24 tables, 110 figures and 929 references.
Vol.16 in The Oily Press Lipid Library.

The *Advances In Lipid Methodology* series was launched and edited by William W. Christie. Now, after a break of six years and with another well-known lipid analyst as the Editor, we present the fifth in this occasional series of books with topical reviews by international experts on aspects of lipid methodology. It should be of great interest to industry and academic scientists in all aspects of lipid science and technology.

In most cases, the Editor has selected new topics that he considers warrant the comprehensive treatment typical of a review in *Advances In Lipid Methodology*. In others, for example silver-ion chromatography and supercritical fluid chromatography, the topic was covered in Volumes 1 or 2 of *Advances*, published about 10 years ago but these books are now almost out of print and much progress has been made in the methodology in the intervening years.

The chapter titles and authors are.....

Analysis of edible oils by differential scanning calorimetry

Chin-Ping Tan and Yakoob B. Che Man (Universiti Putra Malaysia, Selangor, Malaysia)

Lipid analysis by silver ion chromatography

Boryana Nikolova-Damyanova (Bulgarian Academy of Sciences, Sofia, Bulgaria)

Analysis of genetically modified oils

Jan P. Hazebroek (Pioneer Hi-Bred International, Johnston, Iowa, USA)

Atmospheric pressure chemical ionization mass spectrometry (APCI-MS) in lipid analysis

William Craig Byrdwell (Florida Atlantic University, Boca Raton, Florida USA)

Fatty acid profiling in metabolic disorders

A. Christophe (Ghent University Hospital, Ghent, Belgium)

Process for development of standard methods for the analysis of fats, oils and lipids

J.K. Daun (Canadian Grain Commission, Winnipeg, Manitoba, Canada) and R. Cantrill (American Oil Chemists' Society, Champaign, Illinois, USA)

Supercritical fluid chromatography (SFC) — global perspective and applications in lipid technology

Jerry W. King (Los Alamos National Laboratory, Los Alamos, New Mexico, USA)

About the Editor.....

Richard Adlof has been employed as a research chemist at the US Department of Agriculture's National Center for Agricultural Utilization Research (Peoria, Illinois, USA) since 1969 and has contributed to analytical research in a number of areas including deuterium-labeled and unlabeled isomeric fatty acids, silver-ion HPLC, and conjugated linoleic acids. Today, he is part of a research group studying the functionality, stability and safety of structurally modified vegetable oils. His research accomplishments have resulted in some 90 publications and the 1989 USDA Unit Award for Distinguished Service.



THE OILY PRESS

Published by: PJ Barnes & Associates, Bridgwater, England
www.pjbarnes.co.uk

