



## Lipidomics and Bioactive Lipids: Specialized Analytical Methods and Lipids in Disease: Volume 433 (Hardback)

By -

Elsevier Science Publishing Co Inc, United States, 2007. Hardback. Condition: New. 433rd edition. Language: English . Brand New Book. This volume in the well-established Methods in Enzymology series features methods for the study of lipids using mass spectrometry techniques. Articles in this volume cover topics such as Liquid chromatography mass spectrometry for quantifying plasma lysophospholipids: potential biomarkers for cancer diagnosis; Measurement of eicosanoids in cancer tissues; Noninvasive Assessment of the Role of Cyclooxygenases in Cardiovascular Health A Detailed HPLC/MS/MS Method; Lipidomics in Diabetes and the Metabolic Syndrome; LC-MS-MS Analysis of Neutral Eicosanoids; Quantification Of F2-Isoprostanes In Biological Fluids And Tissues As A Measure Of Oxidant Stress; Measurement of Products of Docosahexaenoic Acid Peroxidation, Neuroprostanes, and Neurofurans; Enantiomeric separation of hydroxy and hydroperoxy eicosanoids by chiral column chromatography; Targeted Chiral Lipidomics Analysis by Liquid Chromatography Electron Capture Atmospheric Pressure Chemical Ionization Mass Spectrometry (LC-ECAPCI/MS); Shotgun Lipidomics by Tandem Mass Spectrometry under Data-Dependent Acquisition Control; Identification of Intact Lipid Peroxides by Ag<sup>+</sup> Coordination Ion-spray Mass Spectrometry (CIS-MS); Quantification of Cardiolipin by Liquid Chromatography Electrospray Ionization Mass Spectrometry.



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