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ResiduesChapter 14. Recent Trends in Sample Preparation for Pesticide Analysis; Chapter 15. Medicinal Plants, Pesticide Residues, and Analysis; Chapter 16. Sample Preparation and Quantification of Pesticide Residues in Water; Chapter 17. Analysis of Pesticide Residues in Milk, Eggs, and Meat; Chapter 18. Determination of Pesticide Residues in Fruits and Vegetables by Using GC-MS and LC-MS; Chapter 19. Pesticides in Fish and Wildlife
Chapter 20. Determination of Pesticides in Human Blood and Urine by High-Performance Liquid ChromatographyChapter 21. Analysis of Pesticide Residues in Animal Feed; Chapter 22. Analysis of Pesticide Residues in Soils; Index; Index; Back cover

Sommario/riassunto

This handbook provides a systematic description of the principles, procedures, and technology of the modern analytical techniques used in the detection, extraction, clean up, and determination of pesticide residues present in the environment. This book provides the historical background of pesticides and emerging trends in pesticide regulation. The text discusses various techniques for analysis, including supercritical fluid extraction, disposable electrochemical biosensors, matrix solid-phase dispersion, volatmetric methods, and liquid chromatography. The authors also address the scope and
