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Autore	Ferrer Imma <1970->
Titolo	Liquid chromatography/time-of-flight mass spectrometry [[electronic resource]] : principles, tools, and applications for accurate mass analysis / / Imma Ferrer, E.M. Thurman
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ISBN	1-282-11306-2 9786612113062 0-470-42996-8 0-470-42995-X
Descrizione fisica	1 online resource (281 p.)
Collana	Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications ; ; v.254
Altri autori (Persone)	ThurmanE. M <1946-> (Earl Michael)
Disciplina	543.84 543/.84
Soggetti	Liquid chromatography Time-of-flight mass spectrometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	LIQUID CHROMATOGRAPHY TIME-OF-FLIGHT MASS SPECTROMETRY; CONTENTS; PREFACE; CONTRIBUTORS; PART I PRINCIPLES AND THEORETICAL ASPECTS OF ACCURATE MASS; CHAPTER 1 ACCURATE MASS MEASUREMENTS WITH ORTHOGONAL AXIS TIME-OF-FLIGHT MASS SPECTROMETRY; CHAPTER 2 THE MASS DEFECT, ISOTOPE CLUSTERS, AND ACCURATE MASS FOR ELEMENTAL DETERMINATION; PART II TOOLS FOR UNKNOWN IDENTIFICATION USING ACCURATE MASS; CHAPTER 3 ION COMPOSITIONS DETERMINED WITH INCREASING SIMPLICITY; CHAPTER 4 EXISTENCE AND USE OF ACCURATE MASS DATABASES AND ELEMENTAL COMPOSITION TOOLS FOR TARGET AND NON-TARGET ANALYSES CHAPTER 5 USE OF UPLC-(Q)TOF MS FOR RAPID SCREENING OF ORGANIC MICROPOLLUTANTS IN WATER CHAPTER 6 THE USE OF ACCURATE MASS, ISOTOPE RATIOS, AND MS/MS FOR THE ANALYSIS OF PPCPs IN WATER; PART III APPLICATIONS OF LC/TOF-MS FOR THE IDENTIFICATION OF SMALL MOLECULES; CHAPTER 7 APPLICATIONS OF

LC/TOF-MS IN THE ENVIRONMENTAL FIELD: WHEN DID IT START AND WHERE IS IT GOING?; CHAPTER 8 LIQUID CHROMATOGRAPHY AND AMBIENT IONIZATION TIME-OF-FLIGHT MASS SPECTROMETRY FOR THE ANALYSIS OF GENUINE AND COUNTERFEIT PHARMACEUTICALS CHAPTER 9 QUANTITATIVE ANALYSIS OF VETERINARY DRUG RESIDUES BY SUB 2- μ m PARTICULATE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY COLUMNS AND TIME-OF-FLIGHT MASS SPECTROMETRY (UPLC-TOF) CHAPTER 10 INDUSTRIAL APPLICATIONS OF LIQUID CHROMATOGRAPHY TIME-OF-FLIGHT MASS SPECTROMETRY; CHAPTER 11 COMPREHENSIVE TOXICOLOGICAL AND FORENSIC DRUG SCREENING BY LC/TOF-MS; CHAPTER 12 APPLICATION OF UPLC/TOF-MS FOR RESIDUE ANALYSIS OF VETERINARY DRUGS AND GROWTH-PROMOTING AGENTS IN PRODUCTS OF ANIMAL ORIGIN CHAPTER 13 ACCURATE MASS MEASUREMENTS WITH A REFLECTRON TIME-OF-FLIGHT MASS SPECTROMETER AND THE DIRECT ANALYSIS IN REAL TIME (DART) INTERFACE FOR THE IDENTIFICATION OF UNKNOWN COMPOUNDS BELOW MASSES OF 500 Da CHAPTER 14 COMPARISON OF LC/TOF-MS AND LC/MS-MS FOR THE ANALYSIS OF 100 PESTICIDES IN FOOD: FINDING THE "CROSSOVER POINT"; INDEX

Sommario/riassunto

Time of flight mass spectrometry identifies the elements of a compound by subjecting a sample of ions to a strong electrical field. Illuminating emerging analytical techniques in high-resolution mass spectrometry, Liquid Chromatography Time-of-Flight Mass Spectrometry shows readers how to analyze unknown and emerging contaminants-such as antibiotics, steroids, analgesics-using advanced mass spectrometry techniques. The text combines theoretical discussion with concrete examples, making it suitable for analytical chemists, environmental chemists, organic chemists, medicinal chemists,

2. Record Nr.	UNINA9911006506903321
Titolo	Asset management : whole-life management of physical assets // edited by Chris Lloyd
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ISBN	1-62870-395-4 0-7277-4052-0
Descrizione fisica	1 online resource (264 p.)
Altri autori (Persone)	LloydChris <1959->
Disciplina	658.202
Soggetti	Plant maintenance - Management Facility management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	The insights, experience and advice of a panel of leading thinkers and practitioners from a wide range of sectors, providing readers with multiple perspectives on the practicalities of adopting asset management principles and equipping them with the tools and framework required to implement effective asset management strategies and cultures within their own organisations.