DESCRIPTION

This book provides the first comprehensive, overview and guide to forensic isotope analysis, an exciting new application of stable isotope analytical techniques. Topics are introduced using examples and real-life case studies such as food quality control where isotope analysis has already had a major impact, in terms of consumer protection. These examples illustrate the underlying principles of isotope profiling or fingerprinting. A section comprising actual criminal case work is used to build a bridge between the introduction and the technical section to encourage students to engage with this novel departure for analytical sciences while at the same time providing hands-on examples for the experienced researcher and forensic practitioner to match problems and success stories encountered with the topics discussed in the technical section.

What little information is available on the subject in book form so far, has been published as individual chapters in books dealing either with mass spectrometry, forensic geoscience or environmental forensics, this is the first book to focus on the entire spectrum of forensic isotope analysis and will be an invaluable reference to both researchers in the field and forensic practitioners.

ABOUT THE AUTHOR

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