Special Issue

Comprehensive Separations of Complex Mixtures by Gas Chromatography/Mass Spectrometry

Message from the Guest Editors

It is a pleasure to announce the next *Separations* Special Issue entitled "Comprehensive Separations of Complex Mixtures by Gas Chromatography/Mass Spectrometry", which will compile the state-of-the-art of the methods developed in this area. The current trends in analytical chemistry are focused on the search for comprehensive, sensitive, robust, simple, and fast methodologies that allow the simultaneous determination of a huge number of compounds at low levels of concentration with the maximun reliability possible and also complying with the requirements of sustainability proposed by green chemistry. In this sense, conventional gas chromatography, two-dimensional gas chromatography and, more recently, very and ultra-fast gas chromatography coupled to different types of mass spectrometry analysers are excellent tools to accomplish this goal in different fields. The aim of this publication is to present the most recent applications of gas chromatography coupled to mass spectrometry in the analysis and evaluation of different complex samples, as well as provide a wide and accurate overview of recent advances and future trends related to this topic.

Guest Editors

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Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

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