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Determination of Emerging Organic Pollutants by GC/LC-MS

Guest Editors:

Dr. Bibai Du

College of Environment and Climate, Guangdong Key Laboratory of Environmental Pollution and Health, Guangdong-Hongkong-Macau Joint Laboratory of Collaborative Innovation for Environmental Quality, Jinan University, Guangzhou 510632, China

Dr. Hui Chen

Guangdong Provincial Academy of Environmental Science, Guangzhou, 510045, China

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Message from the Guest Editors

Dear Colleagues,

gas/liquid chromatography-mass In recent vears, spectrometry (GC/LC-MS) has been widely used in targeted chemical screening and quantitative evaluation. By establishing appropriate sample preparation and instrumental analysis protocols, we can determine these harmful pollutants in many different matrices. However, the determination of some novel organic pollutants remains challenging due to issues such as the transformation of target analytes, interference from complex matrices, and blank contamination. Therefore, simple, accurate, and reliable analytical methods still need to be explored.

We welcome researchers in related fields to share their research on the determination of organic pollutants by GC/LC-MS. The research content may include, but is not limited to, (1) the establishment of new sample preparation protocols for biological samples and non-biological samples, (2) the improvement of chromatography and mass spectrometry, and (3) effective measures for quality assurance and quality control.



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Prof. Dr. Frank L. Dorman Department of Chemistry, Dartmouth College, Hanover, NH 03755. USA

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Separations Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/separations separations@mdpi.com X@Sep_MDPI