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Advancements in Two-Dimensional Liquid Chromatography for Enhanced Food and Environmental Analysis

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Two-dimensional liquid chromatography (2D-LC) represents a significant advancement in food analysis, addressing the limitations of one-dimensional liquid chromatography (1D-LC) in separating complex food matrices. Food analysis plays a critical role in assessing the components, physicochemical properties, sensory qualities, and contamination risks of food products. Gi ...

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