

Agilent Technologies Lunch-on-seminar LS24

Application of metabolomics for evaluation of food quality

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Foods contain various organic compounds, some of which are associated with food qualities for human in nutritional values, flavor preferences and health-promoting functions. However, chemical component in each food is complicated and diverse respectively, leading to difficulty in comprehensive compound analysis, and more, in evaluation of food quality. In recent years, metabolomics platform had been established and improved for understanding biological events by metabolite profiling. Metabolomics is based on handling of multiple compounds with multivariate analyses, being applicable for analysis of various compounds in food. Here, we introduce the application of metabolomics for compound analysis in food using LC-MS and GC-MS instruments.

Date

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12:30 - 13:30

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