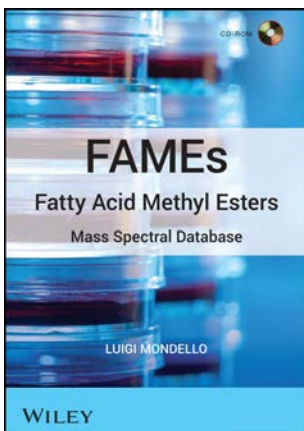# FAMEs Fatty Acid Methyl Esters: Mass Spectral Database

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## Improve your food safety and security analysis with reliable compound identification

The *FAMEs Fatty Acid Methyl Esters: Mass Spectral Database* contains over 240 spectra and structures of fatty acid methyl esters, including their Linear Retention Index and calculated Kovats Retention Index registered using an alkane mixture on an apolar column and using also a FAMEs and FAEEs (fatty acid ethyl esters) mixture on a polar column. The addition of the retention index data enables more reliable compound matching and identification of unknowns.

While other methods such as LC-MS/MS can be used, when using such a highly selective method, technicians can only detect what they are looking for, while when performing broader TIC screening using GC/MS, no information is lost. Applications include building FAMEs profiles of target bacteria (e.g. pseudomonas aeruginosa) contain:

- Each record contains the mass spectrum, searchable structure, chemical information, and LRI retention data.
- Records indexed by name, molecular weight, and retention time
- Highly controlled: Measured on a single instrument in controlled conditions
- Quality samples sourced from leading suppliers and manufacturers

## ⚙ Compatibility

Agilent ChemStation, MassHunter, OpenLab
Bruker MS Workstation
Chromatec Analytic
JEOL msFineAnalysis
LECO ChromaTOF
NIST MS Search
PerkinElmer TurboMass

Scion MS Workstation
Thermo Chromeleon, TraceFinder, Xcalibur
Waters MassLynx
ACD/Labs ACD/Spectrus Processor*
Bio-Rad KnowItAll®*
Wiley Spectra Lab*

*Subscription required

A version in the Shimadzu GCMSsolution format is available directly from Shimadzu.

### Ordering Information

*FAMEs Fatty Acid Methyl Esters: Mass Spectral Database*
DVD-ROM ISBN: 978-1-118-14394-0

**https://sciencesolutions.wiley.com**

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