

KnowItAll Spectroscopy Software and Databases



Streamline your spectral analyses and boost overall lab efficiency with **Wiley's KnowItAll**—a comprehensive solution for identifying, analyzing, and managing analytical data across techniques.



Robust analytical tools



Comprehensive spectral libraries



Vendor neutral
(supports 130+ instrument formats)

Works the way you do!

Whether it's processing, searching, mixture analysis, deconvolution, database building, or reporting, **KnowItAll** has you covered. Perform all these tasks efficiently from a single, user-friendly interface.

Tools and applications included:



Spectral searching and data management

ProcessIt



Spectrum processing for IR, GC-MS, LC-MS, NMR, and Raman

ID Expert



One-click "first-pass" spectral identification

SearchIt



Advanced spectral mixture analysis, "simultaneous" multi-technique search, and spectral deformation

MinIt



Spectral database building and data mining



Analysis

LC Expert



Analyze components with deconvolution and automatic reference database search

GC Expert



Analyze components with deconvolution and automatic reference database search

AnalyzeIt



Functional group analysis: IR, Raman, IR polymer, and vapor phase IR synthetic cannabinoids

PredictIt NMR



NMR chemical shift prediction

QC Expert



IR, Raman, chromatogram quality control comparison

Trendfinder



Performs principal component analysis (PCA) of data to reveal hidden patterns in the data



Integrated productivity tools

ChemWindow



Full-featured 2D structure drawing

ReportIt



Publish professional reports, with structures, spectra, chromatograms, etc.

Quantitation



Simplify your internal and external analytical workflow for GC-MS, IR, Raman, UV-Vis, and GC



Libraries



KnowItAll libraries

Optimize your analyses with Wiley's high-quality IR, MS, NMR, Raman, and UV-Vis library collections

