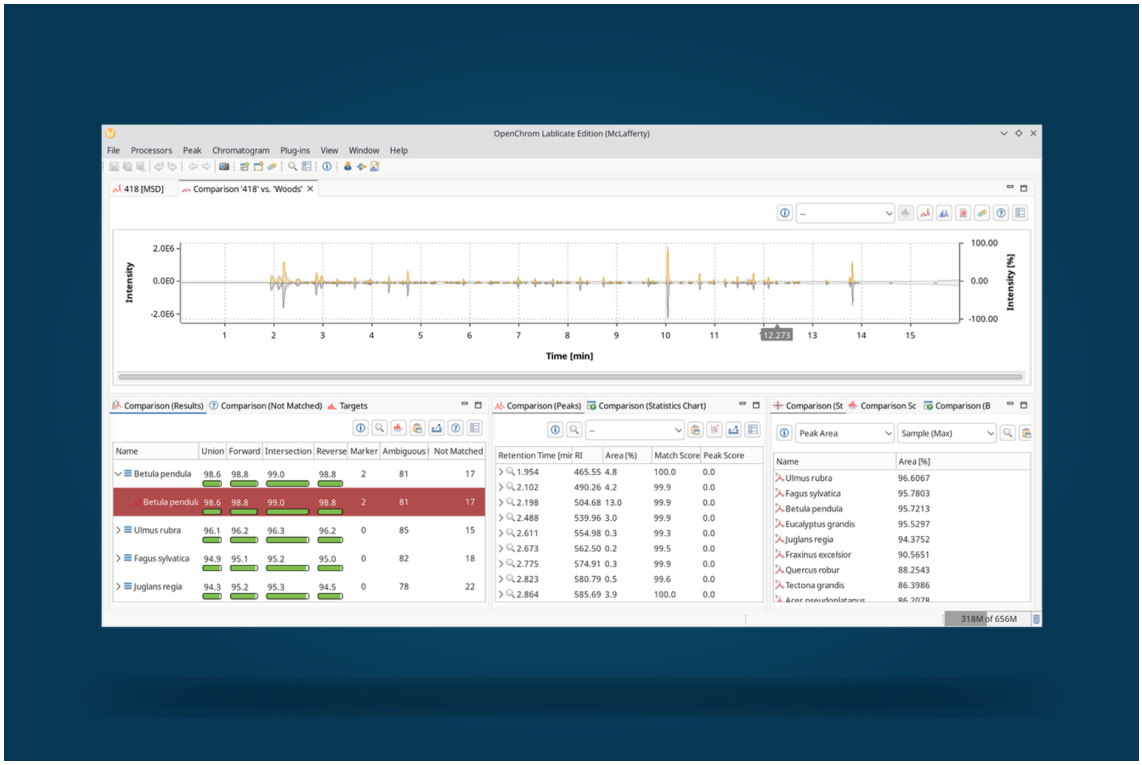
ChromIdent

Chromatogram comparison as an OpenChrom extension

ChromIdent from Lablicate extends OpenChrom with comparison of complex chromatographic fingerprints against user-created reference databases. The commercial extension supports searches for similar samples and characteristic peaks.



ChromIdent: comparison view with hit list and peak assignments.

KEY FUNCTIONS

- Build reference databases from measurements
- Compare unknown samples with references
- Inspect marker, ambiguous and unmatched peaks

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Workflow and configuration

ChromIdent is an extension within OpenChrom. Reference measurements provide the basis for comparing unknown samples. Results combine hit lists, peak assignments and graphical chromatogram comparison.

Preparation	Process references and samples consistently.
Reference	Assemble suitable reference measurements in a fingerprint database.
Compare	Assess matches and differences together with the chromatographic data.

KEY FACTS

Software platform	OpenChrom
Module type	Commercial extension
Purpose	Chromatogram comparison
References	User-created fingerprint databases

APPLICATIONS

Complex sample profiles can be compared using suitable references. Interpretation depends on comparable measurement conditions and an appropriate database.

LICENSING AND CONFIGURATION

OpenChrom core and the ChromIdent extension have different licence terms. Data formats, preprocessing and reference coverage are selected for the application.

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