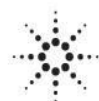




Agilent OpenLAB Chromatography Data System (CDS)

**OpenLAB Data Analysis Version
A.01.02**

Release Notes



Agilent Technologies

Notices

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CAUTION

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Introduction

This document describes the functions, features and changes introduced with this and previous releases of the Agilent OpenLAB Chromatography Data System (CDS) Data Analysis product.

In addition it provides references to product documentation regarding known issues and workarounds.

OpenLAB Data Analysis Version A.01.02

Support for Windows 8.1

Support for Distributed EZChrom Systems

- For offline data review only
- Central storage of data on EZChrom Enterprise Share
- No support for Advanced File Security (AFS)

New genuine Peak Explorer

- Navigate through large sets of data with thousands of peaks and compounds
- Find artifacts (missing peaks, shifts of RT, additional peaks, integration problems)

Import of compound ID table from EZChrom and ChemStation

- Import of compound ID table (Name, Expected RT, ISTD flag, RT Window) from EZChrom and ChemStation methods using MACAML files

Enhanced UI for productive data review and reprocessing

- Display of compounds and groups in the chromatogram
- Display and editing of integration events in the chromatogram
- Customizable peak annotations
- Enhanced layout management
- Reset of user settings stored in Shared Services
- Configuration of tables
- Choose the columns you want to see
- Define number precision to display
- Re-order columns
- Show identified and/or unidentified peaks in the injection results
- Customization and filtering in the Injection List
- GC dual channel data review
- Automatic update of expected RT for all runtypes
- Manual update of expected RT for all compounds
- Manual stop for long-lasting reprocessing tasks

EZChrom Integrator as a second choice

- Get the same integration results as in EZChrom
- Use EZChrom integrator for ChemStation data as alternative to the ChemStation integrator

Enhancements for both integrators

- New timed integration events: Maximum Area/Maximum Height
- New manual integration event: Set baseline type for tangent skimming (exponential vs. linear)

Compound Identification by Relative Retention Time

Group of Groups

- Summarize amounts of timed groups and other compounds in a single named group

New calibration curve and weighting types

- Quadratic, logarithmic, exponential, double-logarithmic
- Based on Area, Height, Area%, or Height%
- 1/Response and 1/Response² weighting

Enhanced calibration curve functions

- Enable/disable individual calibration points
- Display of last modification time of a calibration curve
- Display of last calibration time for a compound
- Curve calculation on average point per level or from all individual points

Compound multipliers

- Allows to correct for purity of standard compounds

Mass% calculation

Security

- User privileges and roles for Data Analysis have been added
- Setup in Control Panel
- Privileges can be assigned on project level

Basic support for ECM and Data Store

- User Contributed Library tool to up-/download zipped data to/from ECM and Data Store
- Plugged into Data Analysis

OpenLAB Data Analysis Version A.01.01

With OpenLAB Data Analysis, Agilent introduces a new data analysis package.

The first release is specially designed for data analysis in Chemical and Petrochemical laboratories and Hydrocarbon Processing Industry.

OpenLAB Data Analysis features intuitive operation, easy sample review and fast reprocessing of large sets of chromatographic data:

- Designed for ease of use with a "flat" and intuitive user interface.
- Microsoft-style function ribbons provide fast access to the main functions. An improved data selection tree allows fast access to your data. You can select data from multiple folders, load complete result sets, or select single samples.
- Improved data navigation with a new data viewing concept allows overlaying and comparing hundreds of signals. Work with both LC and GC instruments at the same time and use multiple methods and data sets in parallel.
- Automatically scale to a specific peak, ignore main peaks, or scale to the baseline. You will no longer need to zoom per sample.
- Design your own layout and organize your screen to meet your workflow-specific needs. Four predefined configurable layouts help you to match your screen layout with the task you are performing.
- OpenLAB Data Analysis provides very fast reprocessing (more than 10 times faster than OpenLAB CDS).
- OpenLAB Data Analysis introduces a unique one-click peak integration tool for fast review.
- OpenLAB Data Analysis works with data from EZChrom and ChemStation Edition, allowing you to use the same integration, calculation, calibration and reporting across your laboratory.

Known Issues

For known issues and workarounds in the OpenLAB Data Analysis software at the time of release see the Software Status Bulletin file named *M8370AA-SSB.html* located on Disc 7 of the OpenLAB CDS Installation media.

For known issues that have been resolved and/or closed with a workaround, see the Software Release Bulletin file named *M8370AA-SRB.html* located on Disc 7 of the OpenLAB CDS Installation media.

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