DataApex

SMART SOLUTION FOR LABORATORIES

Clarity™

advanced chromatography software

Clarity 8.8

WHAT'S NEW

P059/80A 10/2022

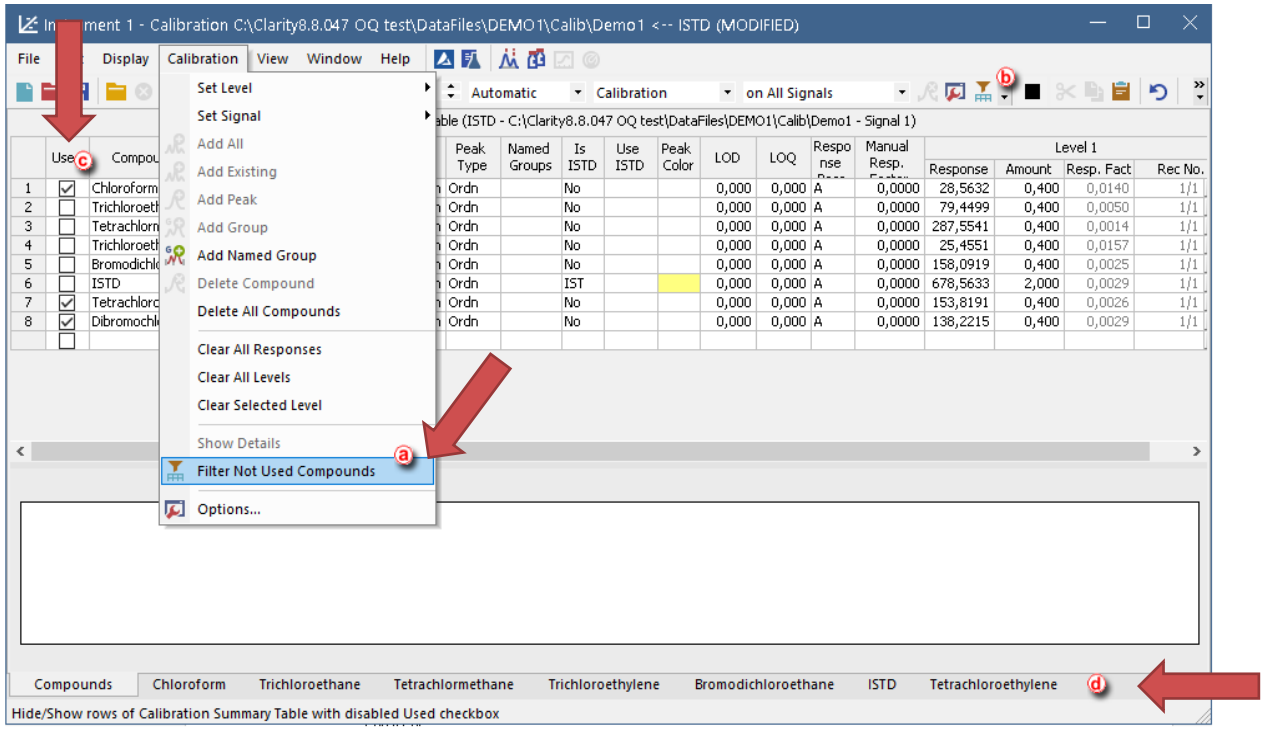
What is new in Clarity 8.8?

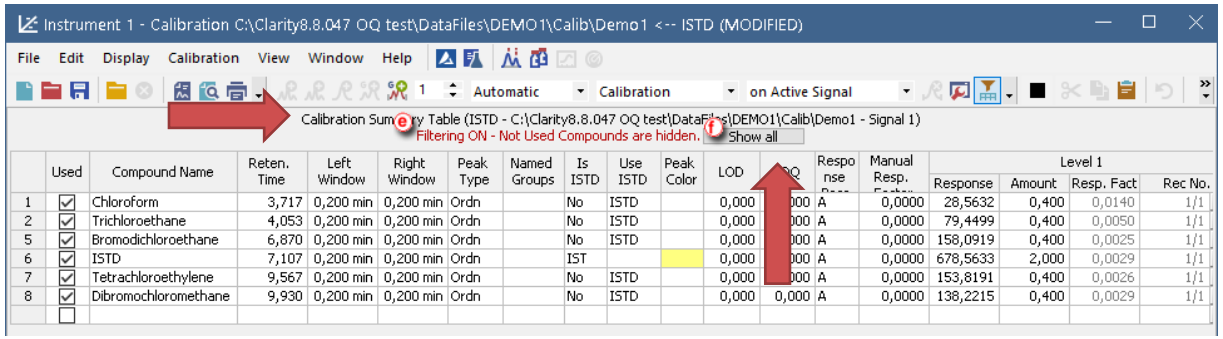
- A new function **Filter Not Used Compounds** in Calibration
- A new option to Export Data to **CSV format**
- A new option to **Offset data** in Colibrick
- Colibrick, U-PAD2 and Zebrick now **use WinUSB driver**
- **UNI-Ruby** control modules now **support User Units** settings
- A new current unit **nanoamperes "nA"**
- **Integration Algorithm updated** to version 8.0 Rev.3

What is new in Clarity 8.8?

- **A new dynamic Open chromatogram button** indicating use of Overlay Mode
- New columns "**Start Value (Signal)" and "End Value (Signal)"** for Peak to Valley Ratio calculation
- A new **improved method of rescaling for Peak Purity calculation** in PDA Extension
- New and updated control modules

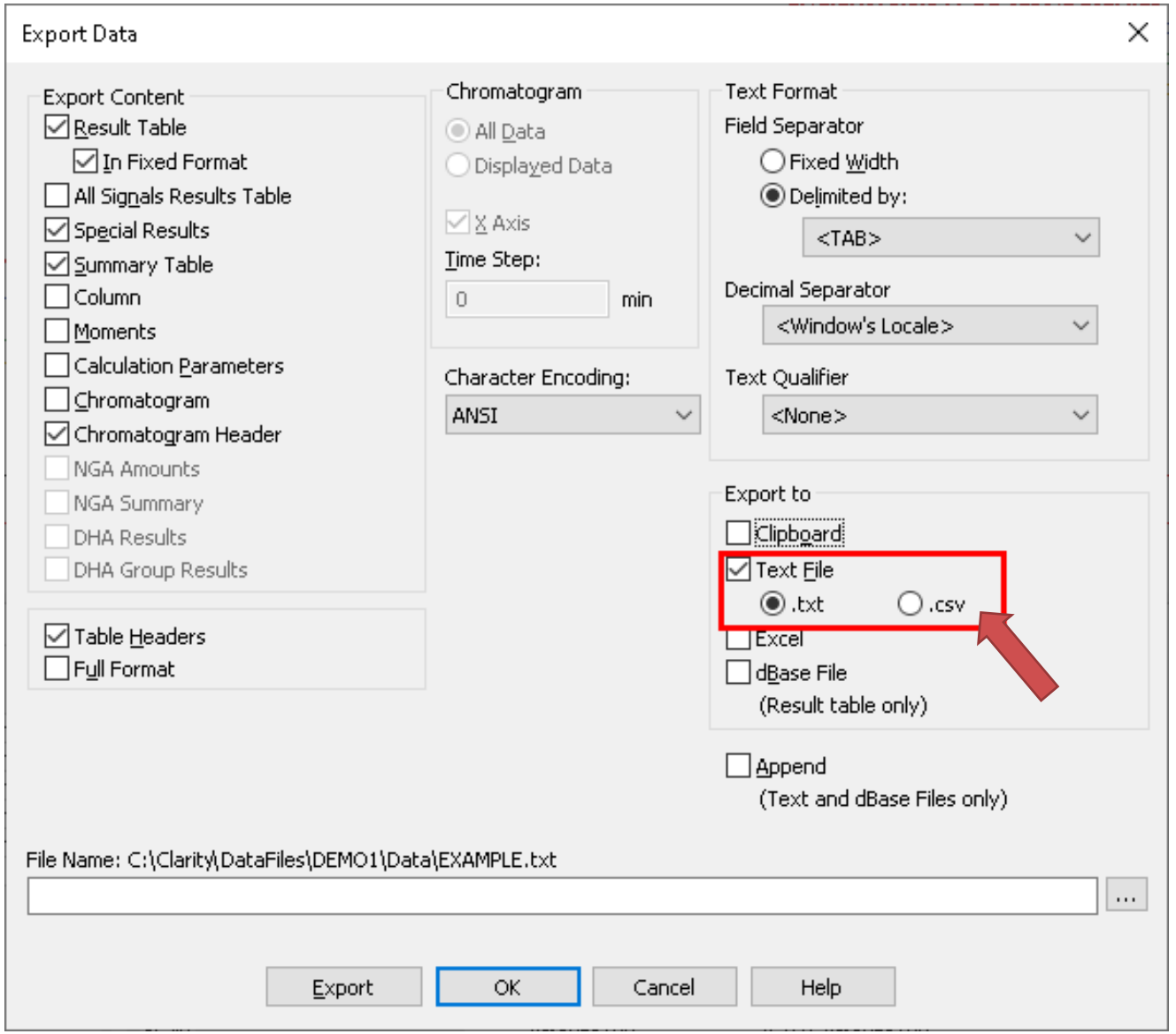
WHAT'S NEW → FILTER NOT USED COMPOUNDS

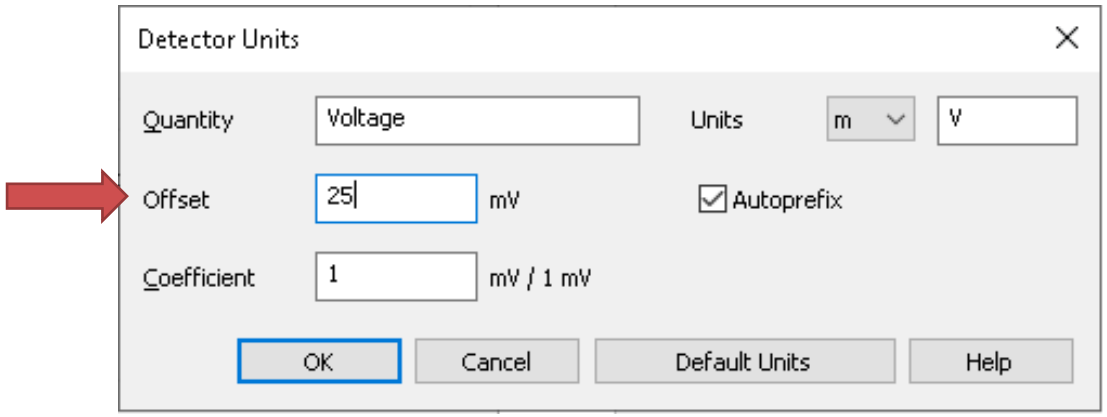




- A new option in Calibration menu
- **Allows to hide rows** with disabled **Used** check-box on selected signal
- Corresponding **Compound tabs** are **hidden**
- Eases work with multisignal chromatograms
- Eases work with calibrations with compounds relevant to a particular signal
- Helps to make the Calibration Summary Table clear and easy to read
- Use of the Filter is **indicated in table header**
- Restore rows by **Show all**
- Saved in *.dsk file and Print Report

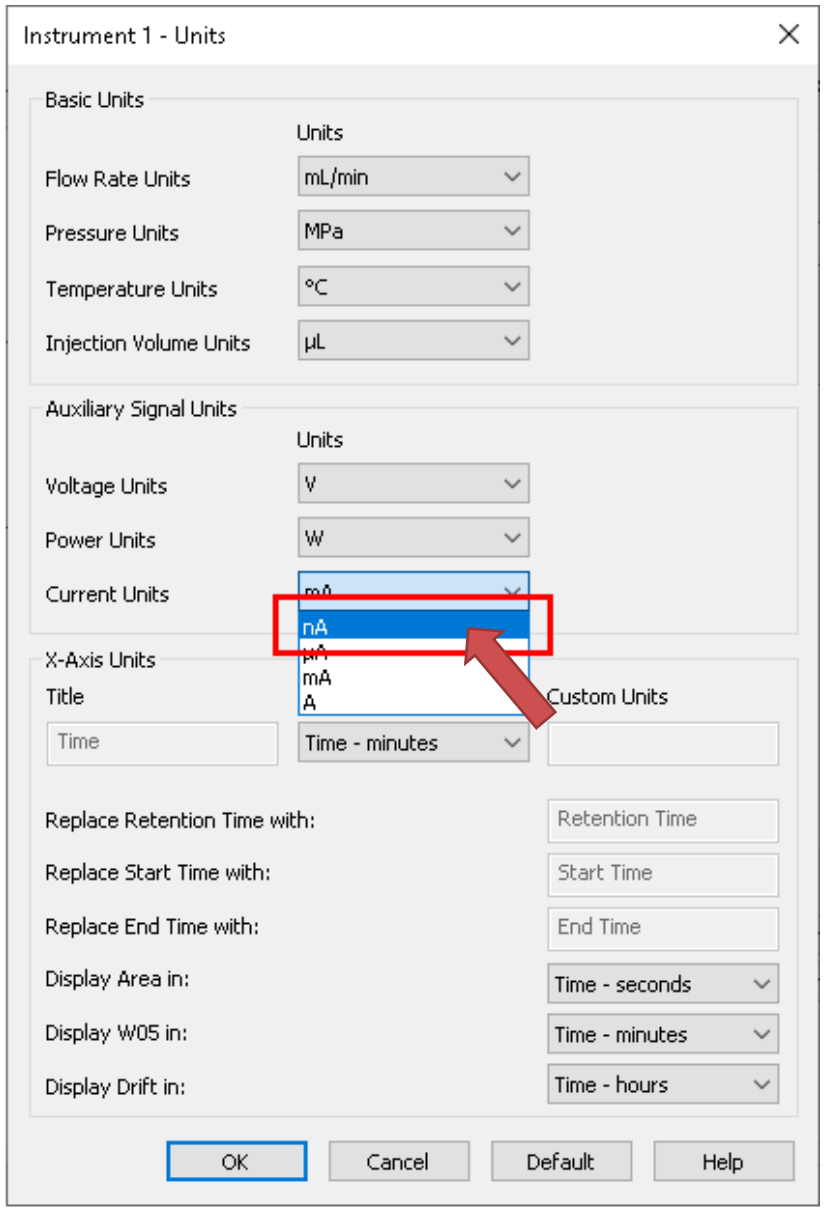
- A new option in Export Data dialog
- Text file in CSV format (= comma-separated values)





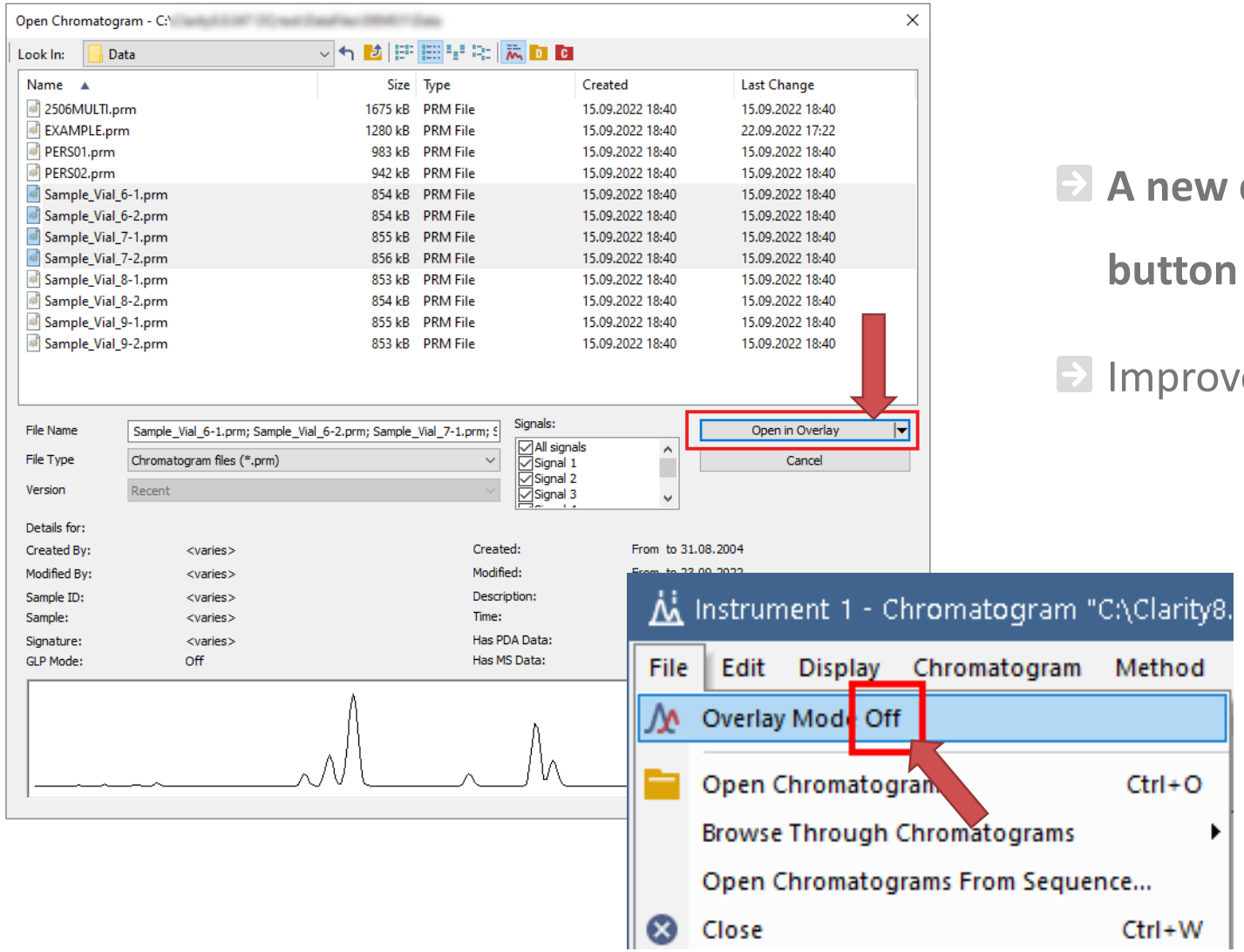
- A new option to **Offset data** in Colibrick
- Allows to set **zero signal different than 0 mV** (default)
- Corresponds to the value that should be **deducted from the measured data** to receive the real one
- Accessible from **Set Units… dialog**

- Colibrick, U-PAD2, Zebrick use **WinUSB driver from Microsoft** instead of the driver from Silicon Laboratories Inc.
- Solves stability issues

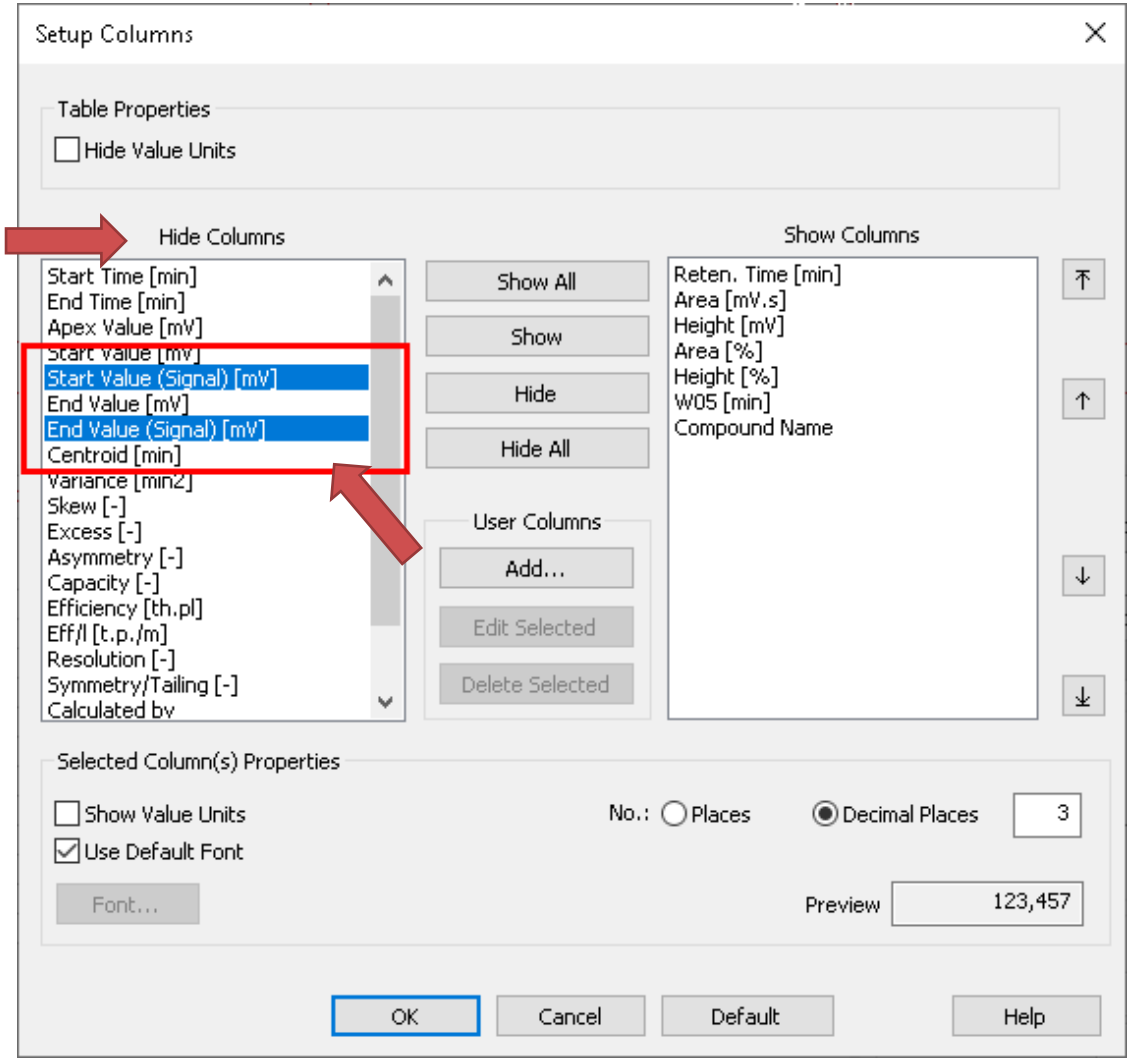


- UNI-Ruby control modules now support User Units settings
- A new current unit **nanoamperes " nA"**

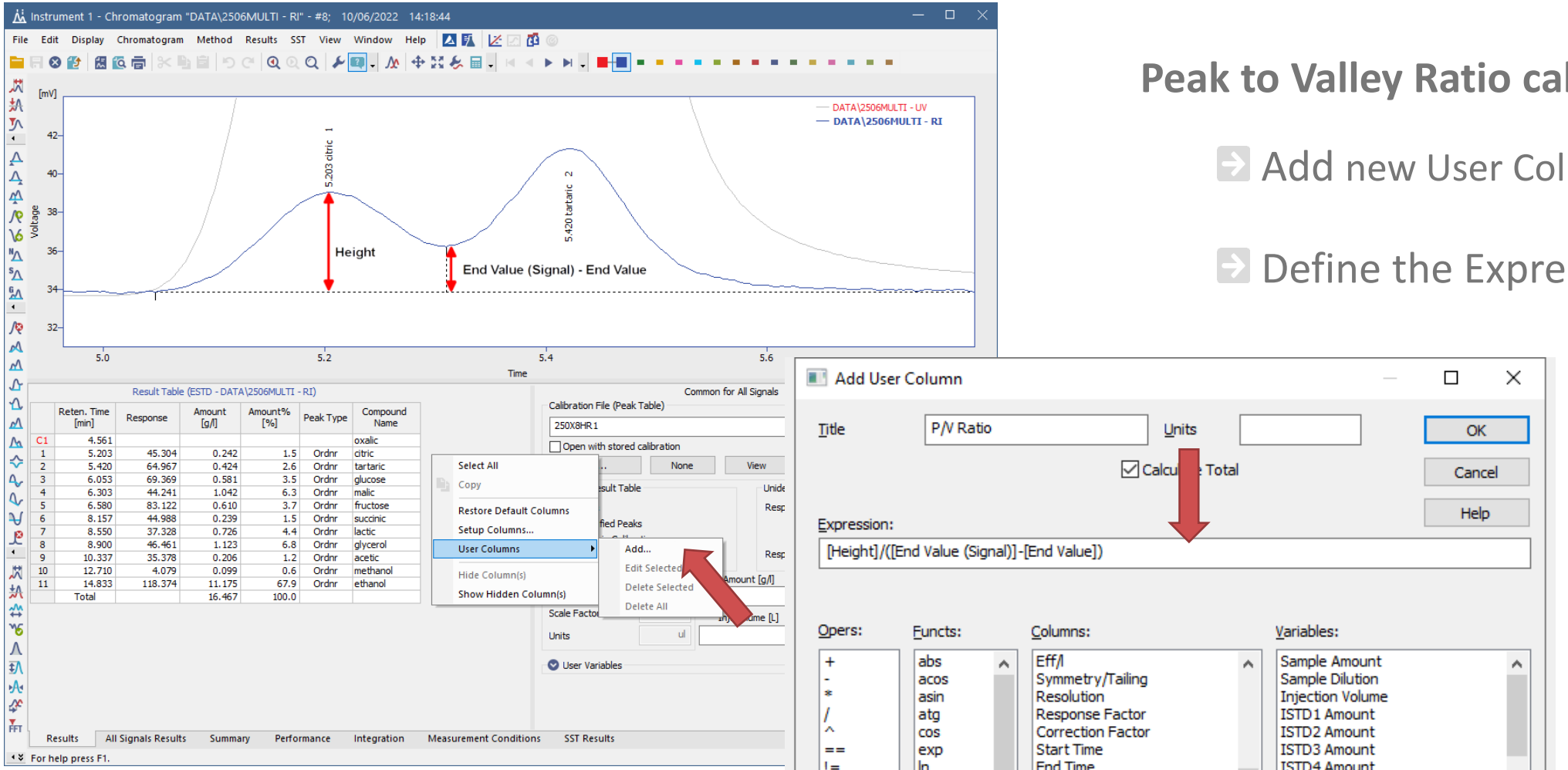
WHAT'S NEW → DYNAMIC OPEN CHROMATOGRAM BUTTON



- **A new dynamic label on Open chromatogram button** indicating Overlay Mode
- Improved indication in File menu



- New columns **"Start Value (Signal)"** and **"End Value (Signal)"**
- Hidden by default
- Useful for Peak to Valley Ratio calculation



Peak to Valley Ratio calculation:

- Add new User Column
- Define the Expression

- **Integration Algorithm** was updated to **version 8.0 Rev.3**
- The Pearson correlation coefficient (noted as **Correlation** in Clarity), used for Peak Purity or Match Factor calculations, now uses **an improved method of rescaling** to the resulting 0-1000 interval.
- And many other small improvements have been made and many bugs fixed

New control modules

- Analytik Jena PQ LC PDA Detector
- Axcend Focus LC
- Chromophor PDA Detector
- CQS Climax S 3345 and S 3350 PDA Detectors
- ECE-001
- Knauer P8.1L pump
- RotaChrom rCPC
- Schambeck S 4345 and S 4350
- Sykam S3345 and S3350
- Watrex Streamline PDA

... and many control modules have been updated and improved, for more see https://www.dataapex.com/version_history

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...THANK YOU FOR YOUR TIME

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