Automatically detect and analyze multiple peaks in a wide range of signals in both real-time and post-recording.

The Peak Analysis Module for LabChart automatically detects and analyzes multiple non-overlapping peaks from a wide range of recorded waveforms. Analyze waveform peaks offline using existing recordings or online with live recordings. Detect peak parameters from an entire channel or just a selection. Choose from several customizable analysis settings to suit your signal type. Quickly visualize your signal in Chart View, as LabChart marks each detected peak. View and export your peak parameters from the comprehensive Table View. Use the Peak Analysis View to highlight parameter markers, peak values, and peak area, or scroll through sequential peaks.

Applications
- Isolated Tissue Studies
- Hemodynamic Measurements
- Amperometry
- Cardiac Physiology
- Electrophysiology
- Neurophysiology

Left: Improve your real-time analysis. LabChart displays the calculated peaks as a continuous signal in a separate channel.
Peak Analysis Module

Detection and Analysis Settings
Use the Peak Analysis Settings to customize peak detection for each data channel, including how you want to calculate peak parameters. Select which table options you want to display when exporting your data.

Analysis View
Utilize the Peak Analysis View to display individual peaks and their parameters. Scale your waveform to best capture the essential elements. Summarize the peak information for highlighted waveforms.

Table View
Summarize key parameters for all detected peaks with the Peak Analysis Table View, including average, minimum, and maximum values. Export your table as a txt file format or to LabChart Data Pad.

Quick and Easy Navigation
Scroll peak-by-peak in Peak Analysis View. Select an individual peak by clicking directly on the waveform in Chart View. Locate specific waveforms by selecting a row in Table View. Whichever view you are using, your data is linked across the displays for quick and easy navigation to the information you need.

Ordering Information
The Peak Analysis Module for LabChart can be purchased individually as an Add-On for LabChart 8 (MLS380/8, Windows), or as part of LabChart Pro (MLS260/8).
LabChart Pro includes LabChart software and all LabChart Modules, providing powerful data acquisition and analysis capabilities (available for Windows or Mac).

Visit adinstruments.com or contact your local ADInstruments representative for more information.