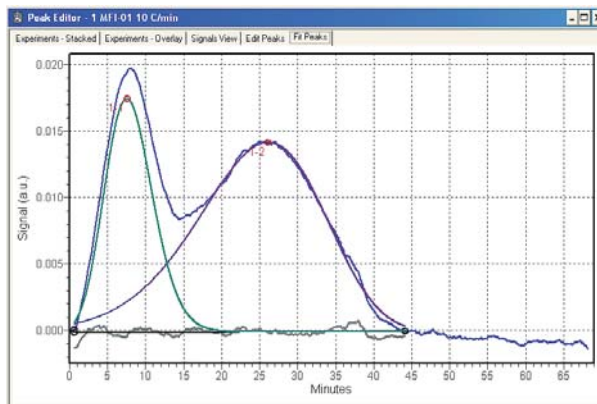


Data Reduction and Reporting

Powerful Peak Editor

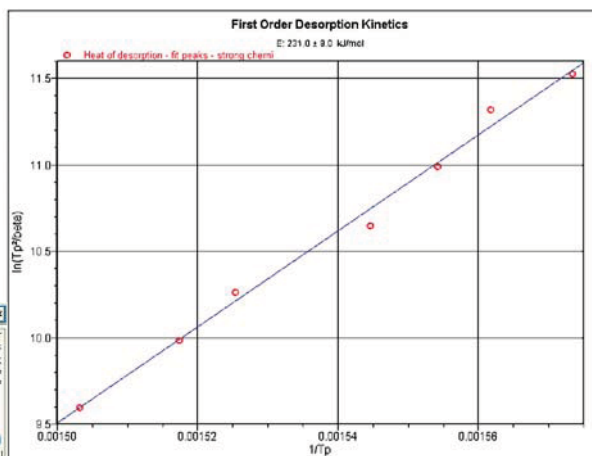
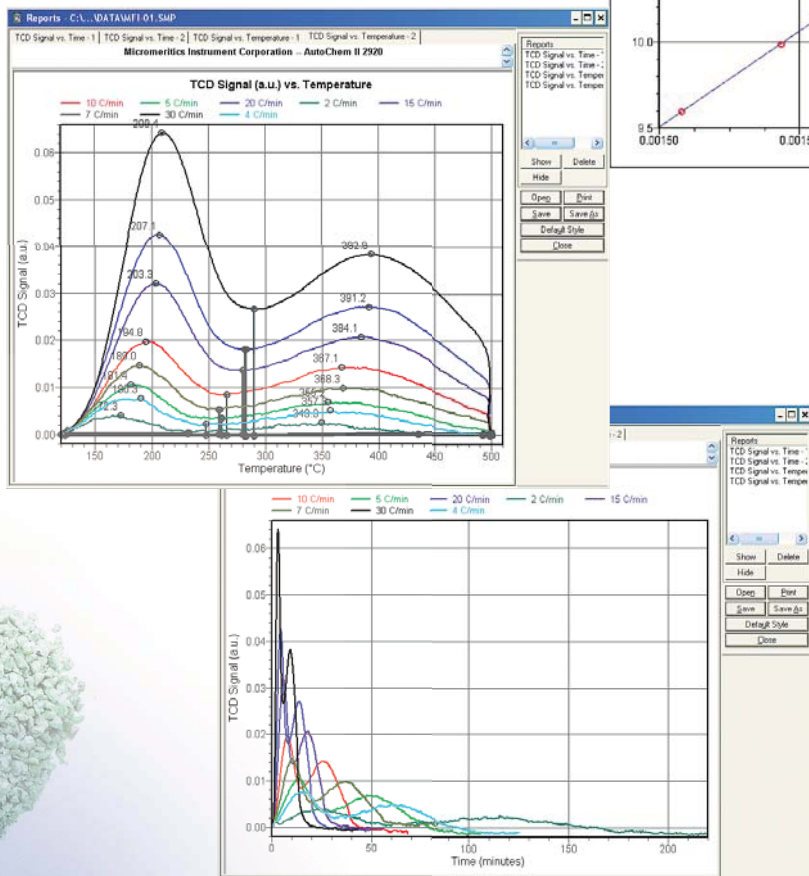
Fully integrated, interactive peak editor package enables the user to evaluate results quickly and easily, edit peaks, and produce reports that reflect specific needs. Adjusting peak boundaries is a matter of simply pointing and clicking. The Peak Editor can also be used to deconvolute overlapping peaks. The peak deconvolution is a simple-to-use option on the peak space editor that allows the user to maximize the information.



In addition to standard peak integration, peak fitting is also included to allow effective separation and modeling of convolved signals.

The AutoChem II Also Includes

- Ten user-configurable graphical reports
- BET, Langmuir, and total pore volume
- Pulse chemisorption, % dispersion, metal surface area, and crystallite size
- First-order kinetics, heat of desorption, and activation energy
- Integration of mass spectrometer data files



The AutoChem II features a full report system that includes calculations for: metal dispersion, active metal surface area, active particle diameter (crystallite size), and activation energy via first-order kinetic models.

Pulse Chemisorption Analysis Summary					
Element	Percent of Sample Mass (%)	Atomic Weight	Stoichiometry Factor	Atomic Cross-Sectional Area (nm ²)	Density (g/cm ³)
platinum	0.5000	195.090	0.667	0.0800	21.450
Active Loop Volume at 110.8 °C: 0.01522 cm ³ STP					
Cumulative Quantity: 0.29186 cm ³ STP					
Metal Dispersion: 33.8680%					
Metallic Surface Area: 0.4185 m ² /g sample					
Metallic Surface Area: 83.6976 m ² /g metal					
Active Particle Diameter: 3.3420 nm					

To request a quote or additional product information, visit Micromeritics web site at www.micromeritics.com or contact your local Micromeritics sales representative.

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