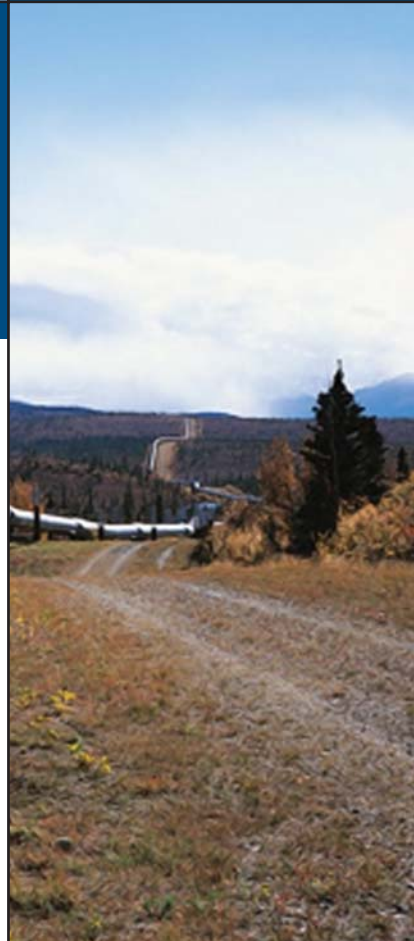


# DHA

Analysis by Gas Chromatography



*Engineered Solutions, Guaranteed Results.*



WASSON-ECE  
INSTRUMENTATION

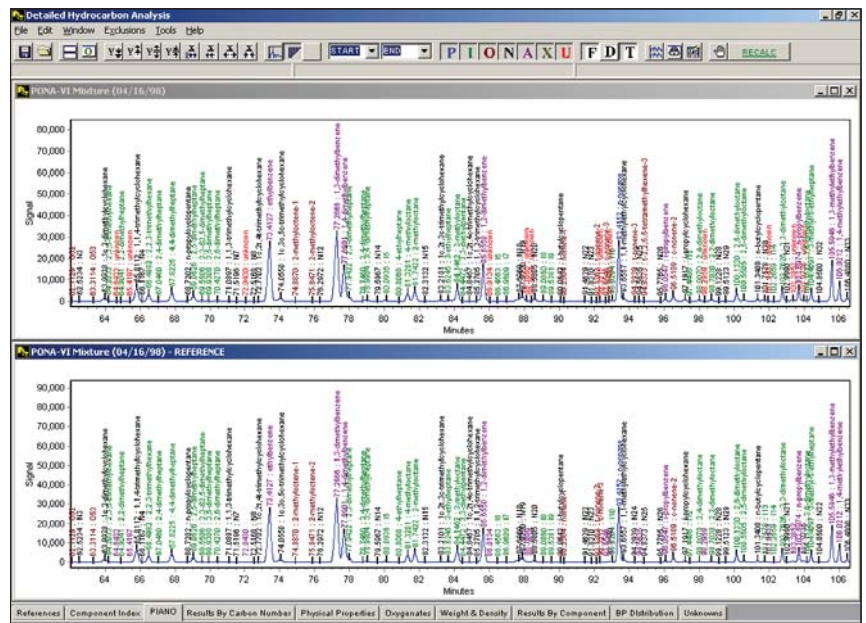
# Detailed Hydrocarbon Analysis

## Dragon DHA Includes:

- Quick database creation.
- Fast peak identification and results processing.
- "Unknown" tab lists unidentified peaks in order of concentration.
- "Unknown indexer" takes the user directly to the unknown peak for identification.
- Unique dashboard feature continuously presents the user with all calculated results and instantly recalculates when changes are made.
- Hydrocarbon group-type filtering.
- Full preview and printing of reports .
- Results are bound with chromatographic data for instant retrieval and archiving.
- Original files and data are never affected (CFR Part 11/ISO 17025).
- Result files are saved as netCDF (.AIA) format files and can be accessed by any third-party application that supports reading .AIA file format.
- Result files work as fully functional reference databases.
- Full reports are stored with results for easy retrieval without reprocessing.

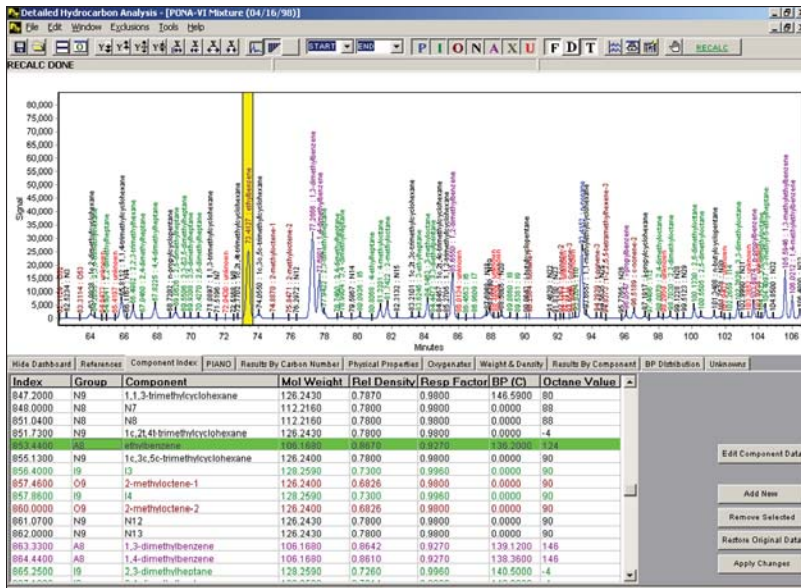
## Wasson-ECE Instrumentation offers Detailed Hydrocarbon Analysis Software

Wasson-ECE Dragon DHA is a fast, easy to use application for the detailed hydrocarbon analysis of petroleum products by high efficiency gas chromatography. Dragon DHA uses a convenient, graphical interface to provide a one-screen display for visually observing the chromatogram and manipulating the data calculations in order to obtain the optimum results for analysis and data presentation.



# Wasson-ECE Dragon DHA Software

Wasson-ECE Instrumentation Dragon DHA software uses integrated chromatographic data from commercial GC data systems, i.e. ChromPerfect, EZ Chrome, ChemStation. In fact, any GC data system capable of AIA (ANDI) file output is compatible with Dragon DHA.



## Chemical and Physical Property Calculations

- Vapor pressure
- Oxygenate content
- Relative density
- Average molecular weight
- Calculated research octane number
- % carbon, % hydrogen
- Calculated bromine number
- Mass% and vol% multi-substituted ring aromatics
- Total boiling point distribution
- Wt%, vol%, mole% of group types by carbon number
- Wt%, vol%, mole% of individual components



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