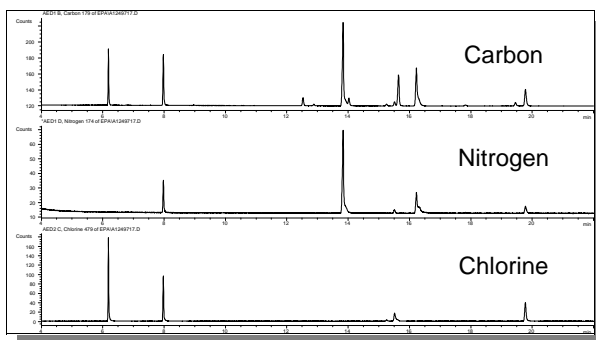
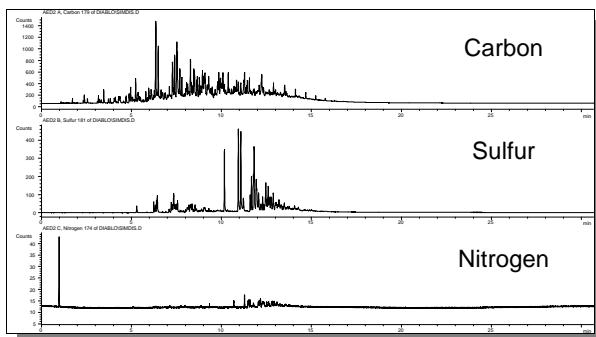

The Hewlett-Packard Atomic Emission Detector for Gas Chromatography

The Hewlett-Packard Atomic Emission Detector for Gas Chromatography (GC-AED) is a flexible element-selective detector. The GC-AED is based on a Helium Microwave-Induced Plasma optimized for capillary gas chromatography. The instrument has excellent sensitivity and selectivity for virtually any element in compounds that can pass through capillary GC columns. The GC-AEDs unique properties are exploited in applications ranging from trace pesticide analysis to multi-element simulated distillation of petroleum samples.

Pesticide Analysis with Compound-Independent Calibration



Multi-element Simulated Distillation



Diablo Analytical, Inc.

GC-AED Application Development and Training Services


Diablo Analytical, Inc.

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 Printed on recycled paper



GC-AED Application Development and Training Services

Pre-Sales Application Evaluation

Customers interested in evaluating the suitability of the GC-AED for their own applications can contact Diablo Analytical for pre-sales assistance.

Application and Method Development

We provide GC-AED methodology for customer applications in a wide range of industries. We have experience developing GC-AED applications dating back to the original HP 5921A GC-AED instrument release in 1989. We use our years of experience to help customers solve tough method and application problems.

Custom Software Development

Automation of GC-AED instrumentation creates turn-key solutions that are easier to implement in customer facilities. The analytical chemists at Diablo Analytical are experienced programmers. We create custom software applications to automate data acquisition and data analysis for the GC-AED in several ways:

- AED ChemStation Macros
- Visual Basic and C/C++ applications
- Statistical/Chemometric evaluation of data

Training

Diablo Analytical provides GC-AED training across the country via regularly scheduled courses. In addition, we also provide customized on-site training to meet the unique needs of your organization.



Diablo Analytical, Inc.

Facilities

Diablo Analytical's facilities include a state-of-the-art development and demonstration laboratory with the G2350A GC-AED system shown to the right. The gas delivery system for the laboratory was co-designed by Diablo Analytical and Matheson Gas Products to achieve optimal performance for the GC-AED. We also have a variety of software development tools for system integration projects and instrument automation.



The Diablo Analytical Development Laboratory in Concord California.

Hewlett-Packard Channel Partner

Diablo Analytical, Inc. is a Hewlett-Packard Channel Partner for application development, system integration, and training. The Channel Partner agreement provides for both pre-sales application evaluation assistance and post-sales application development services for the GC-AED.



Diablo Analytical, Inc.

Additional information available upon request:

Application Notes
Application Highlights
Company Profile

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