

# Traces of Fluorocarbons Analysis

## Field of Interest

Semiconductor, electronics, specialty gases

## Instrument

GOW- MAC Series 5900

## Detection

Discharge Ionization Detector (DID)

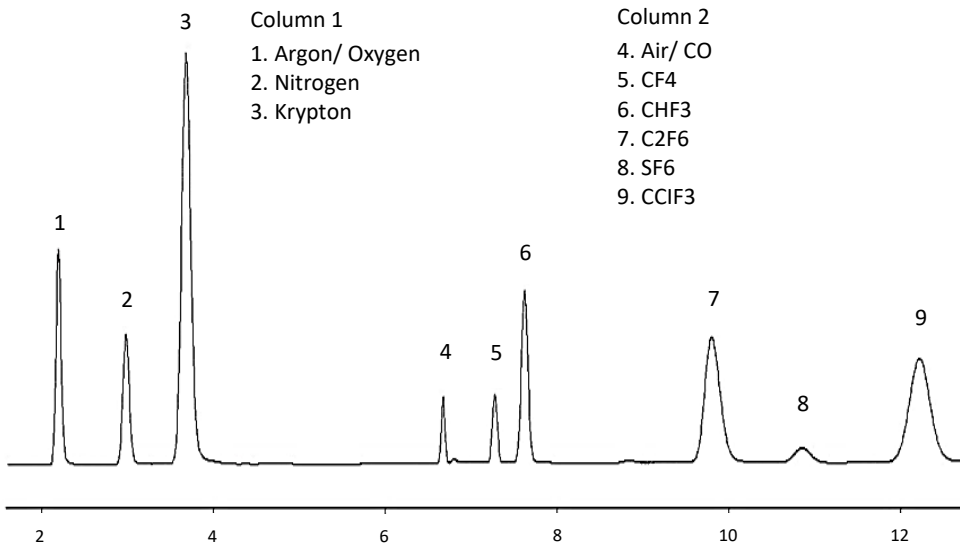
## Carrier Gas

High Purity Helium, constant flow

## Temperature

Isothermal

## Chromatogram



## Key Features

- Custom configurations, and columns
- Sample isolation and backflush valve to discharge residual heavier components
- Ppb level analysis
- Internally purged and sealed to remove air contamination and increase reproducibility and accuracy

## Impurities Analyzed

| Impurities  | LDL    |
|---|--------|
| Argon/ Oxygen                                     | 10 ppb |
| Nitrogen  | 10 ppb |
| Krypton   | 10 ppb |
| Air/ Carbon Monoxide                              | 15 ppb |
| Tetrafluoromethane (CF <sub>4</sub> )             | 20 ppb |
| Fluoroform (CHF <sub>3</sub> )                    | 20 ppb |
| Hexafluoroethane (C <sub>2</sub> F <sub>6</sub> ) | 20 ppb |
| Sulfur Hexafluoride (SF <sub>6</sub> )            | 20 ppb |
| Chlorotrifluoromethane (CCIF <sub>3</sub> )       | 20 ppb |



## Request for More Information

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