



Custom Solutions Group LLC
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Description:

The system features ASTM D1945, "Standard Test Method for Analysis of Natural Gas by Gas Chromatography." Target analytes include: helium, nitrogen (air composite), methane, carbon dioxide, ethane, propane, i-butane, n-butane, i-pentane, n-pentane, and hexanes plus.

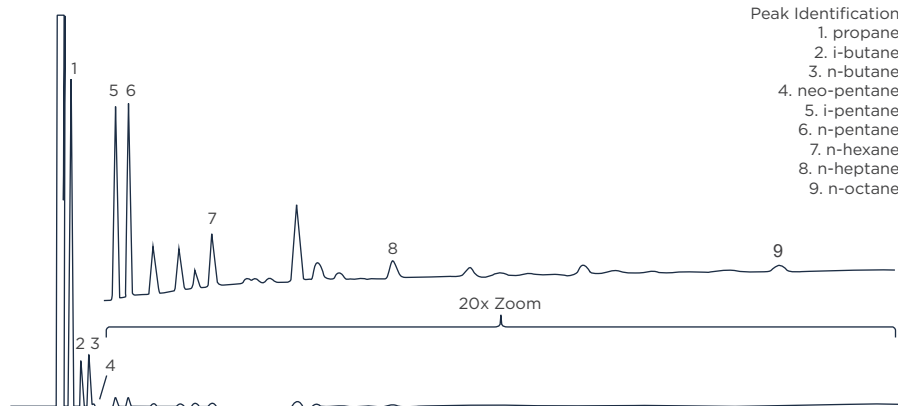


Figure 1, Chromatogram for C3-C8 hydrocarbon using a 6m CP-Sil 5CB column.

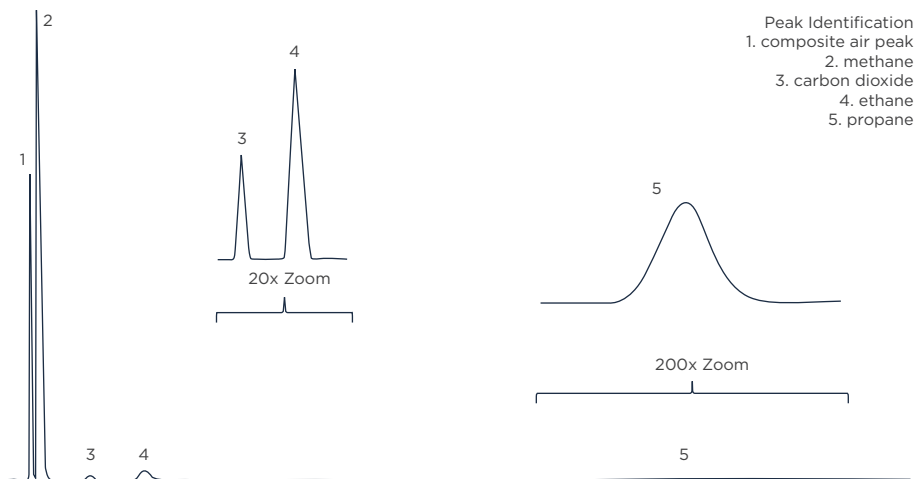


Figure 2, Chromatogram for nitrogen, carbon dioxide, and C1-C3 hydrocarbons on a HayeSep A column.



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Features and Benefits

- Rapid analysis measured in seconds rather than minutes
- Compact and portable
- Low power and gas consumption
- Option for multi-channel normalization and custom physical property reporting
- Varian legacy expertise



More Features and Benefits

- Custom real world portable applications
- Simple design, rugged construction
- Best serviceability
- Decades of experience