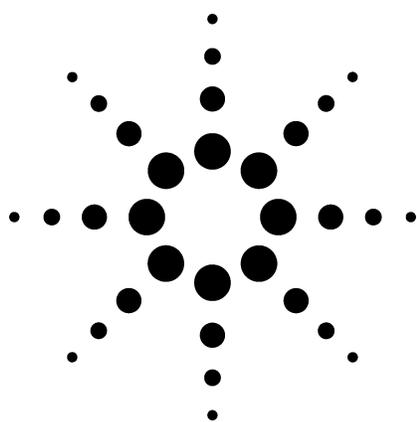


# Application 192-00

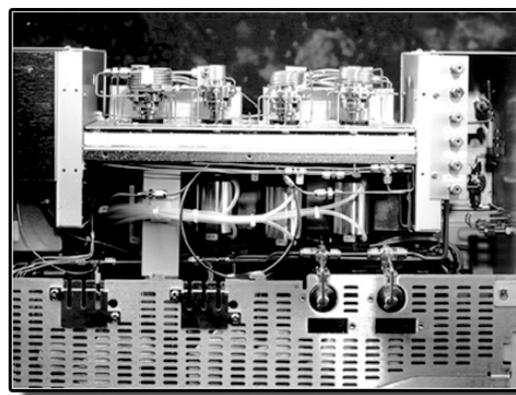
## Agilent Natural Gas Analyzer

### Technical Overview



### Application Highlights

- A Thermal Conductivity Detector (TCD) is used to identify isobutane, n-butane, isopentane, n-pentane, carbon dioxide, ethane, hydrogen sulfide, propane, oxygen/argon composite, nitrogen, methane, and carbon monoxide with an initial C6+ composite backflush to detector.
- The lower detection limit on the TCD is 200 ppm for all components except carbon monoxide, which is 400 ppm.
- System compliant with Gas Processors Association Methods 2177 and/or 2261.
- Analysis time is approximately 25 minutes.

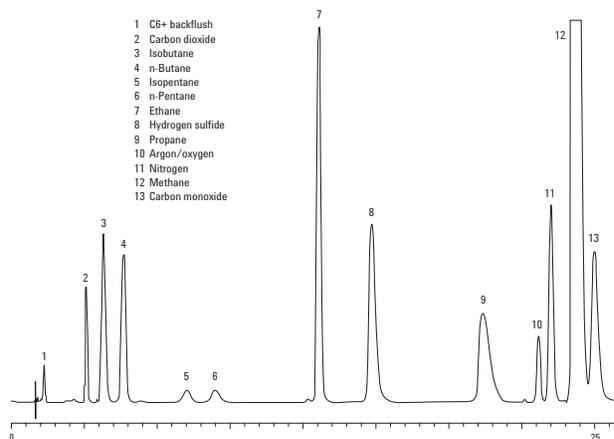


### Optional Configurations

- Detailed hydrocarbon analysis of extended natural gas
- TCD/FID/FPD or TCD/FID/SCD for extended natural gas with trace sulfur analysis
- TCD/TCD/FID for extended natural gas with helium or hydrogen

### For More Information

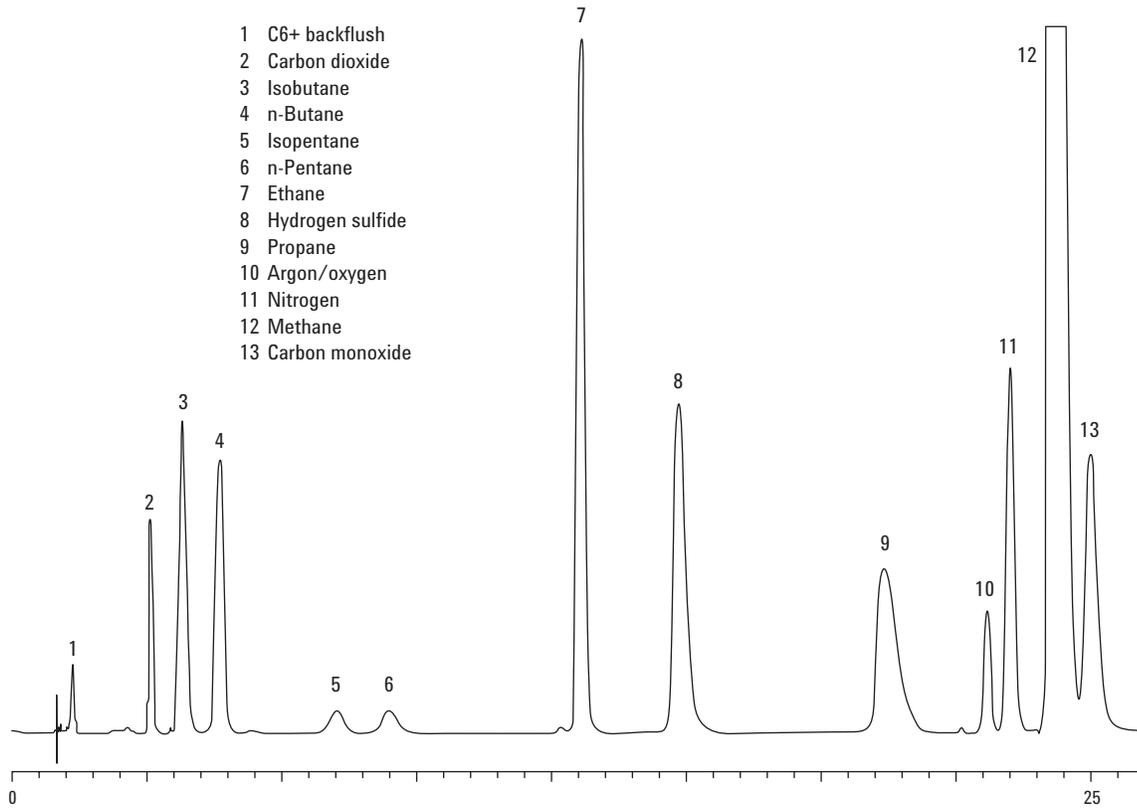
For more information on our products and services, visit our Web site at [www.agilent.com/chem](http://www.agilent.com/chem).



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TCD output from the Agilent natural gas analyzer.

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