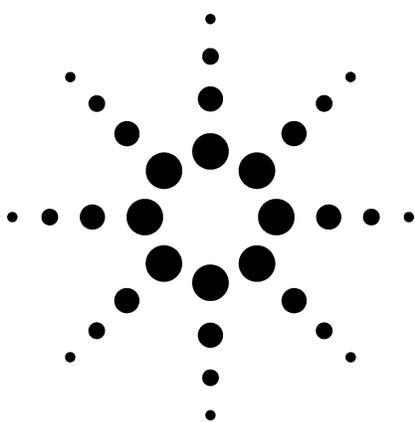


# Application 325-00

## Agilent Extended Natural Gas Analyzer

### Technical Overview



### Application Highlights

- A Flame Ionization Detector (FID) to detect the C1 through C12 n-paraffins to a lower detection limit of 1 ppm, except for trace peaks eluting on the tail of a major component.
- A Thermal Conductivity Detector (TCD) to detect air composite, carbon dioxide, C1 through C5 paraffins with an initial C6+ composite backflush to detector.
- System configured to meet Gas Processors Association Methods 2177, 2261, 2186, and 2286.
- Approximate analysis time is 30 minutes.

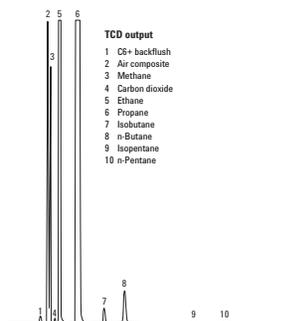
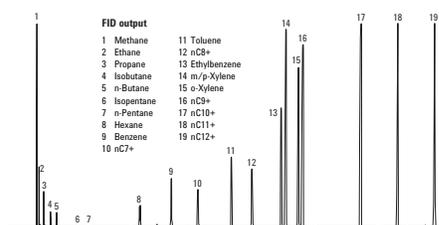


### Optional Configurations

- 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

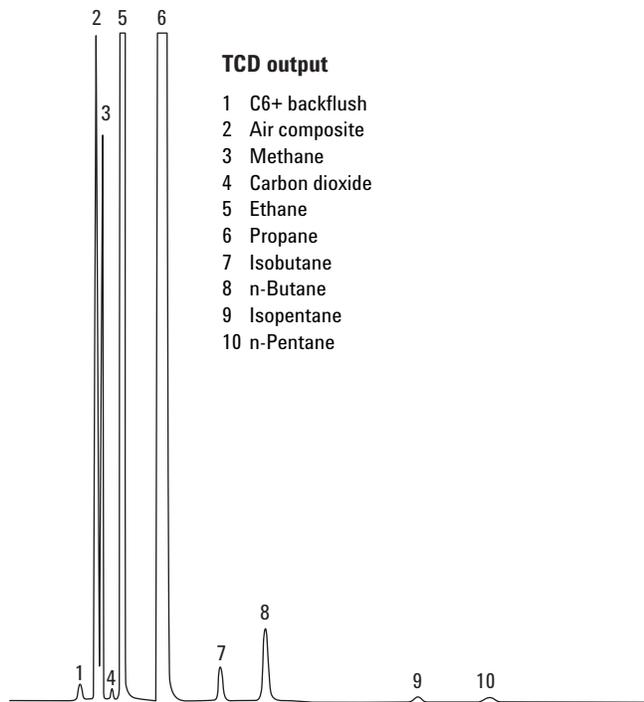
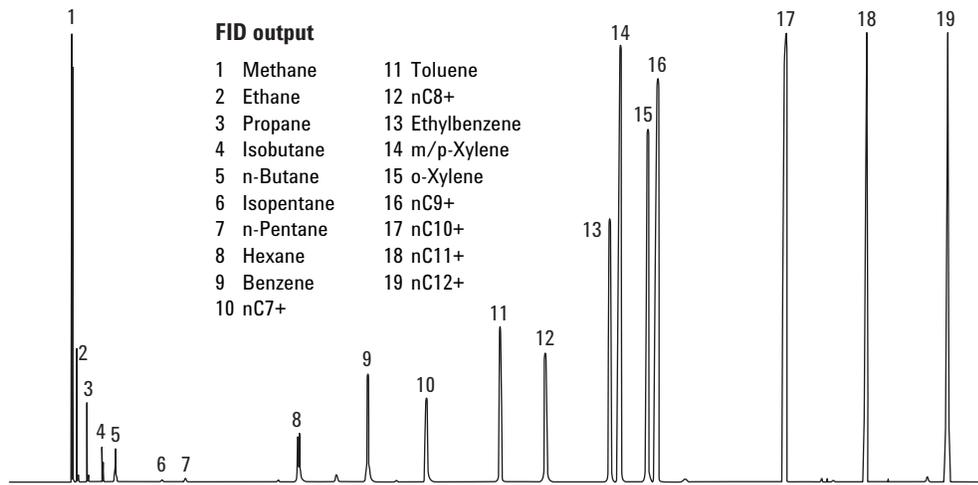
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**FID and TCD output from the Agilent Extended Natural Gas Analyzer.**

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Printed in the USA  
December 6, 2002  
5988-6736EN