

# 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.

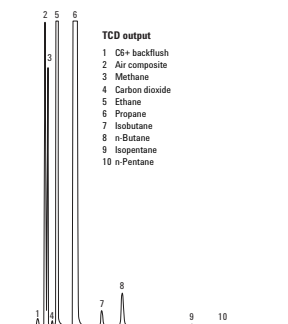
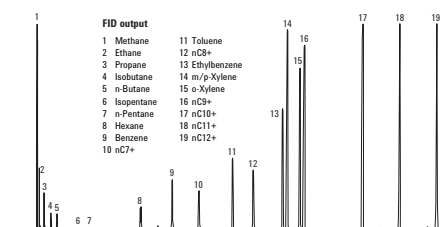


#### Optional Configurations

- 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

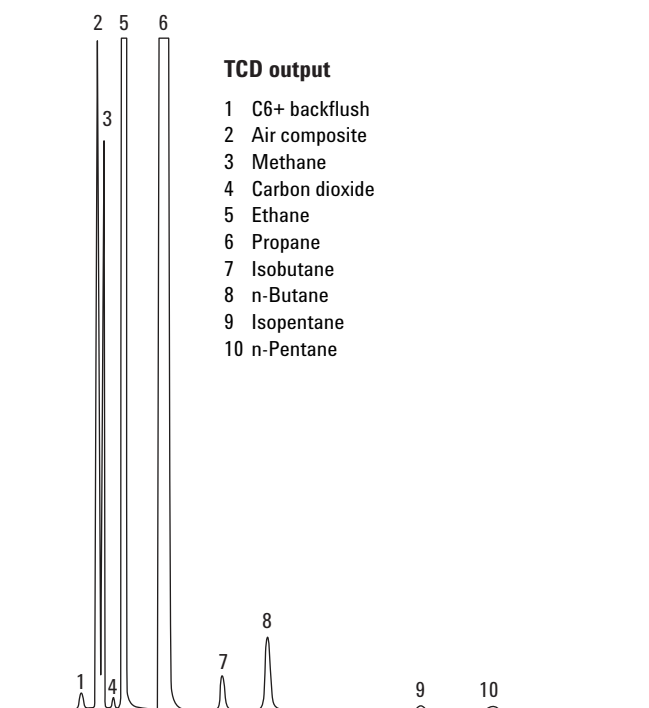
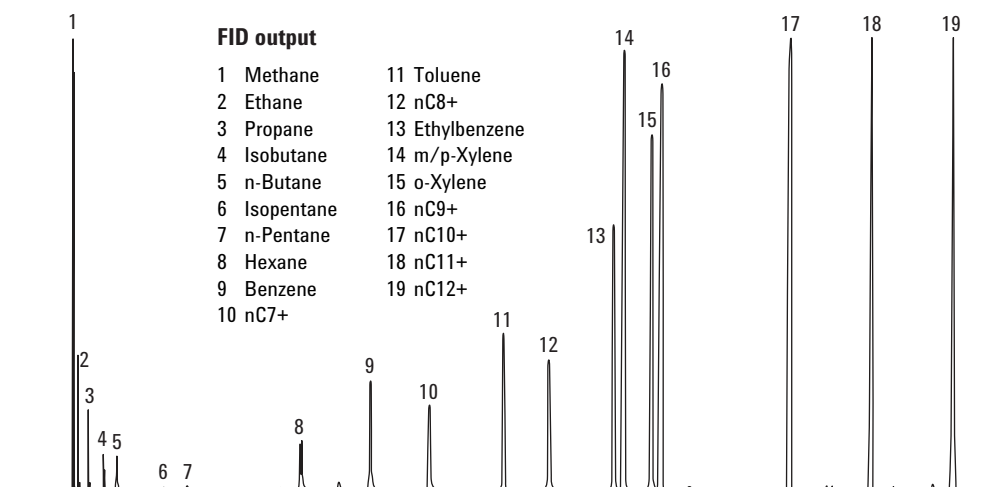
For more information on our products and services, visit our Web site at [www.agilent.com/chem](http://www.agilent.com/chem).



Agilent Technologies



WASSON ECE  
INSTRUMENTATION



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

Agilent shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Information, descriptions, and specifications in this publication are subject to change without notice.

© Agilent Technologies, Inc. 2002

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



**Agilent Technologies**



**WASSON-ECE  
INSTRUMENTATION**