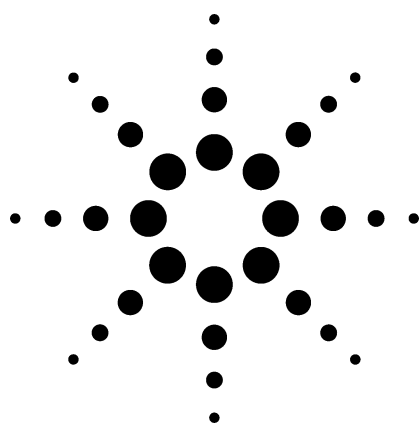


Application 326-00

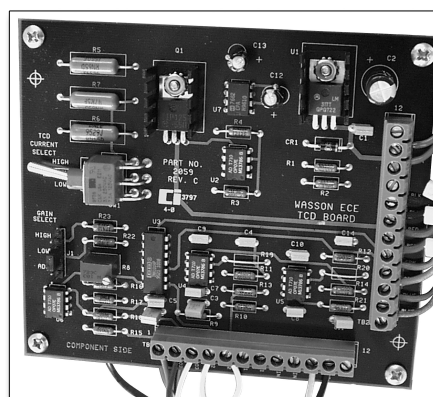
Agilent Extended Natural Gas Analyzer

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) is used to detect isobutane, n-butane, isopentane, n-pentane, carbon dioxide, ethane, hydrogen sulfide, propane, argon /oxygen composite, nitrogen, methane, and carbon monoxide 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.

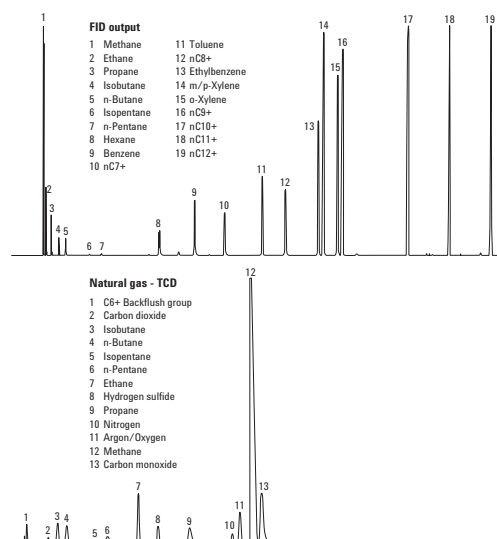


Optional Configurations

- 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

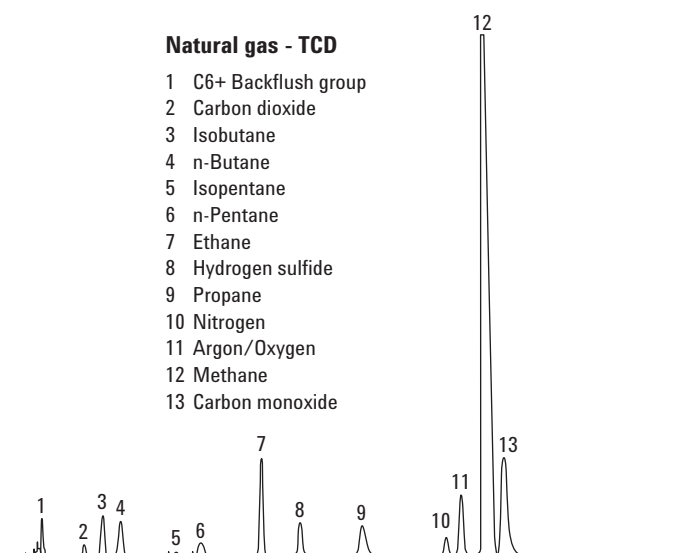
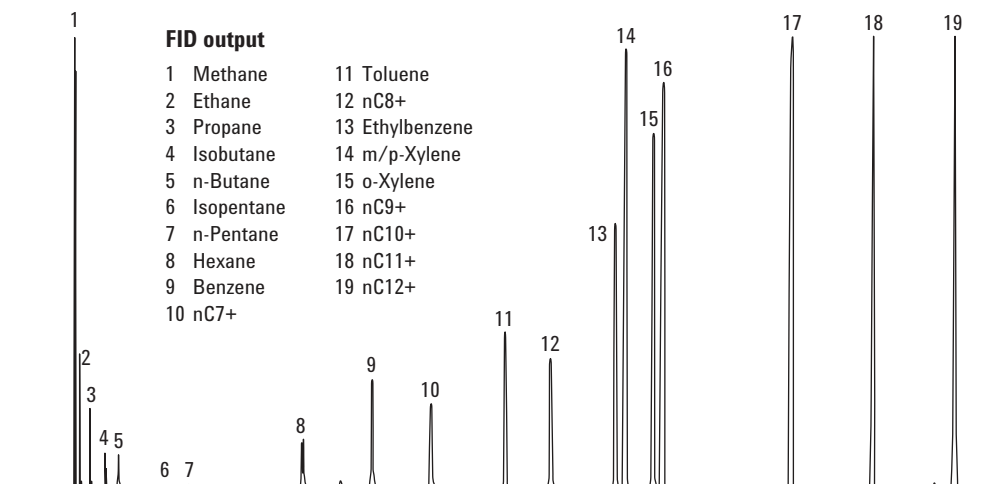
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FID and TCD output from Agilent Extended Natural Gas Analyzer.

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