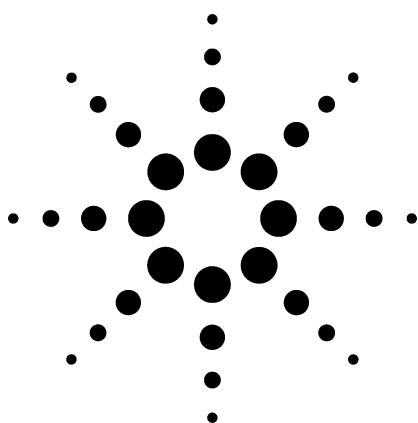


Application 263-00

Agilent Monomer Analyzer

Oxygenates in High Purity Monomer

Technical Overview

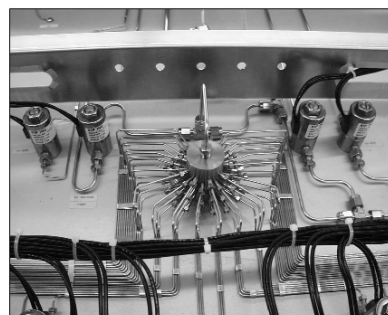


Application Highlights

- A single Flame Ionization Detector (FID) to detect the following components to a lower detection limit of 1 ppm:

Dimethyl ether (DME)
Ethyl-tert-butyl ether (ETBE)
Diisopropyl-ether (DIPE)/methyl tert-butyl ether (MTBE) - (composite)
sec-butyl-methyl ether (SBME)
tert-amylmethyl ether (TAME)
Methanol
Acetone
Ethanol
t-butanol/sec-butanol (composite)

- Analysis time: approximately 15 minutes

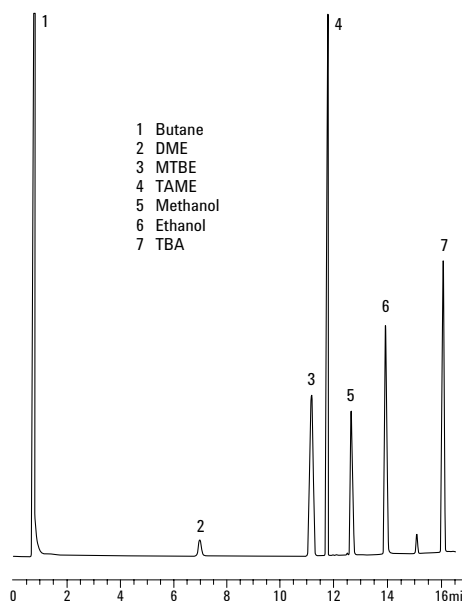


Optional Configurations

- Impurities in isoprene
- Impurities in high purity styrene monomer
- Analysis of vinyl chloride monomer
- Analysis of trace C4 olefins (10 ppb) in polymer grade propylene
- Analysis of 30 different trace oxygenates in polymer grade propylene by MSD

For More Information

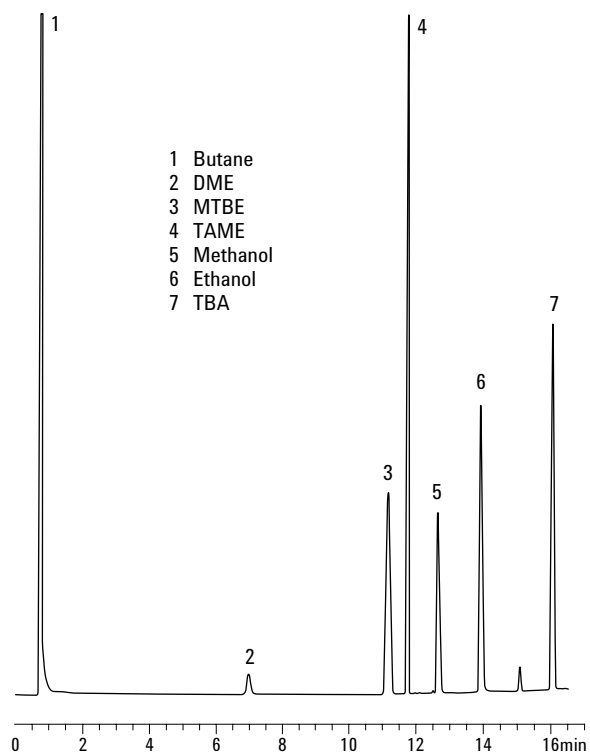
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FID output from the Agilent monomer analyzer.

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