

Application Data Sheet

No. 109

System Gas Chromatograph

1-Butene in Hexane Analysis System Nexis GC-2030BTE GC-2014BTE

This GC is designed to measure 1-Butene in hexane. The liquid sample is injected by AOC-20i to start the analysis. The sample is separated by a DB-1 column is detected by FID. LabSolutions chromatography software handles all aspects of GC control, automation, and data handling.

Analyzer Information

System Configuration:

One SPL / one capillary column with one FID detector

Sample Information:

1-Butene

Concentration Range:

No.	Name of Compound	Concentration Range		Detector
		Low Conc.	High Conc.	
1	1-Butene	5ppm	50ppm	FID

Detection limits may vary depending on the sample. Please contact us for more consultation.

System Features

- 9 minutes analysis for 1-Butene analysis can be carried out
- One FID channel
- Good repeatability

Typical Chromatograms

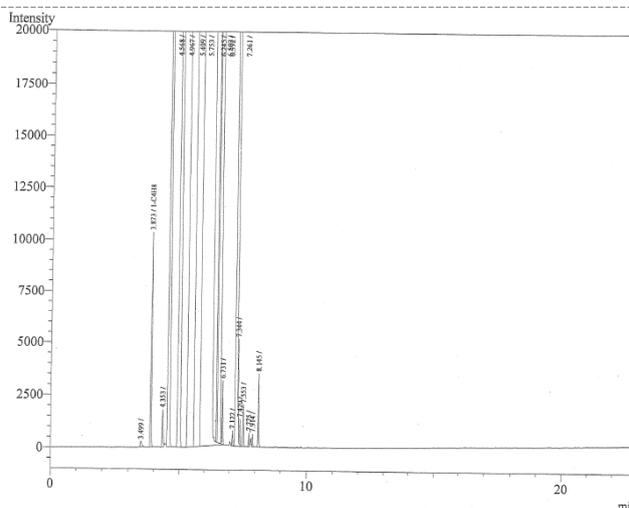


Fig. Chromatogram of FID

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