

Application Data Sheet

No. 113

System Gas Chromatograph

Volatile Organic Compounds in Atmospheric Air Analysis System Nexis GC-2030VOC GC-2014VOC

This GC is designed to measure volatile organic compounds in atmospheric air. One valve and one column is used to create this GC system. The sample is separated by a DB-1 column and is detected by FID. LabSolutions chromatography software handles all aspects of GC control, automation, and data handling.

Analyzer Information

System Configuration:

One valve / one capillary column with one FID detector

Sample Information:

Vinylchloride, 1,2-Dichloroethane, Benzene, Ethylene oxide

Concentration Range:

No.	Name of Compound	Concentration Range		Detector
		Low Conc.	High Conc.	
1	Vinylchloride	5ppm	100ppm	FID
2	1,2-Dichloroethane	5ppm	100ppm	FID
3	Benzene	5ppm	100ppm	FID
4	Ethylene oxide	5ppm	100ppm	FID

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

System Features

- 11 minutes analysis for all composition analysis can be carried out
- One FID channel
- Good repeatability

Typical Chromatograms

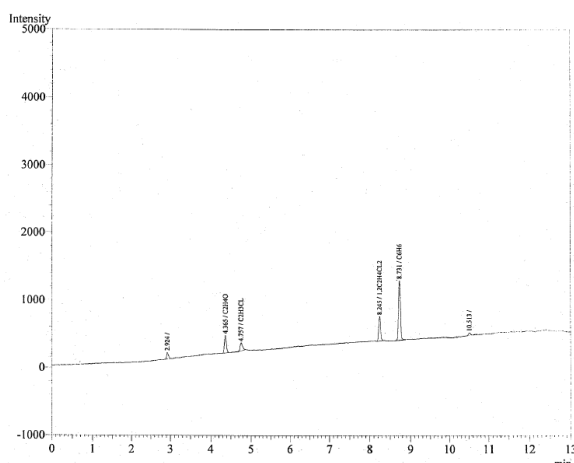


Fig. Chromatogram of FID

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