

Application Data Sheet

No. 101

System Gas Chromatograph

Volatile Organic Phosphorus Compounds Analysis System Nexis GC-2030VOP GC-2014VOP

This GC is designed for determining volatile organic phosphorus compounds within the composition range shown in the specification sheet. The sample is directly injected by AOC-20i, and separation is performed by a CP-WAX 52CB column and detected by FPD. The system includes LabSolution workstation software and BTU and Specific Gravity calculation software.

Analyzer Information

System Configuration:

One SPL / one capillary column with one FPD detector

Sample Information:

TBP, TEPO, M-DBPO, TBPO

Concentration Range:

No.	Name of Compound	Concentration Range		Detector
		Low Conc.	High Conc.	
1	TBP	1ppm	100ppm	FPD
2	TEPO	1ppm	100ppm	FPD
3	M-DBPO	1ppm	100ppm	FPD
4	TBPO	1ppm	100ppm	FPD

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

System Features

- Versatile software easy GC system operation
- One FPD channel
- Good repeatability

Typical Chromatograms

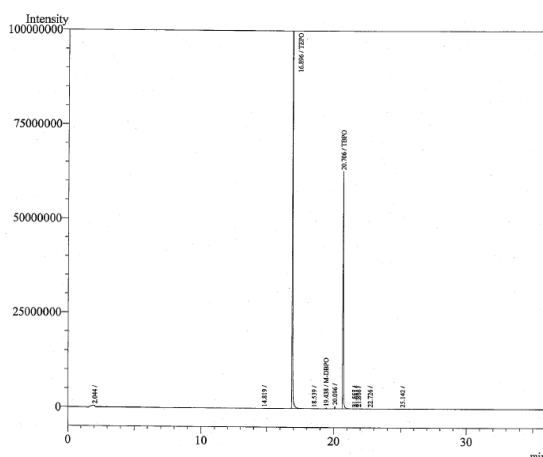


Fig. Chromatogram of FID

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