

Application Data Sheet

No. 184

System Gas Chromatograph

p-DEB in C8 Aromatics Analysis Nexis GC-2030ARO2 GC-2014ARO2

This method is for determining p-DEB in C8 and lower boiling aromatics as described in below compound table. It requires the use of a dedicated gas chromatographic system which is configured with an automatic liquid injector.

Analyzer Information

System Configuration:

One SPL injector / one capillary column / one FID detector

Sample Information:

1,4-Diethylbenzene (p-DEB) in C8 and lower boiling aromatics

Concentration Range:

No.	Name of Compound	Concentration Range	
		Low Conc.	High Conc.
1	1,4-Diethylbenzene (p-DEB)	0.5 ppm	1,000 ppm

Methods met:

UOP-798

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

System Features

- Single FID channel
- Good repeatability

Typical Chromatograms

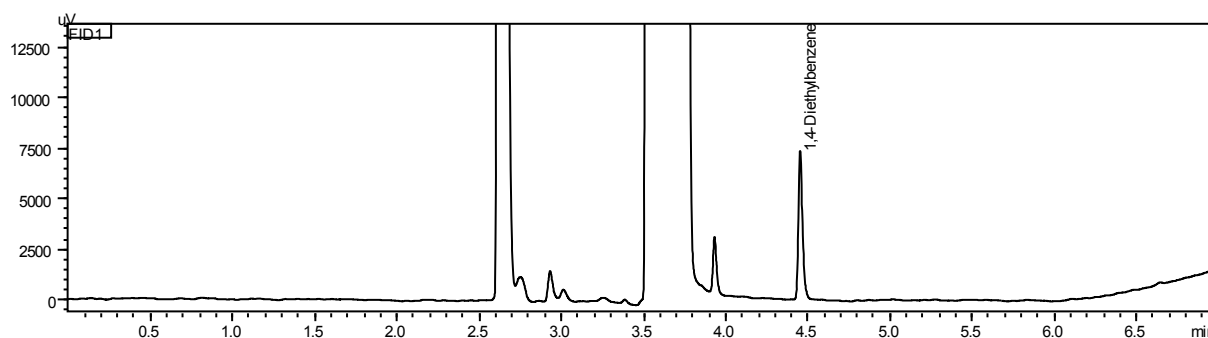


Fig. 1 Chromatogram of FID

First Edition: November, 2017