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Application Data Sheet

No.176

System Gas Chromatograph

Non-Aromatic Hydrocarbons in Aromatics
Nexis GC-2030NAR
GC-2014NAR

This system is for determining non-aromatic impurities in 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:
C7 and higher boiling aromatics, or benzene and toluene in specific sample types

Methods met:
UOP-543

Concentration Range:

No.	Name of Compound	Concentration Range	
		Low Conc.	High Conc.
1	Non-aromatics	1 ppm	10,000 ppm
2	Benzene	1 ppm	10,000 ppm
3	Toluene	1 ppm	10,000 ppm

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

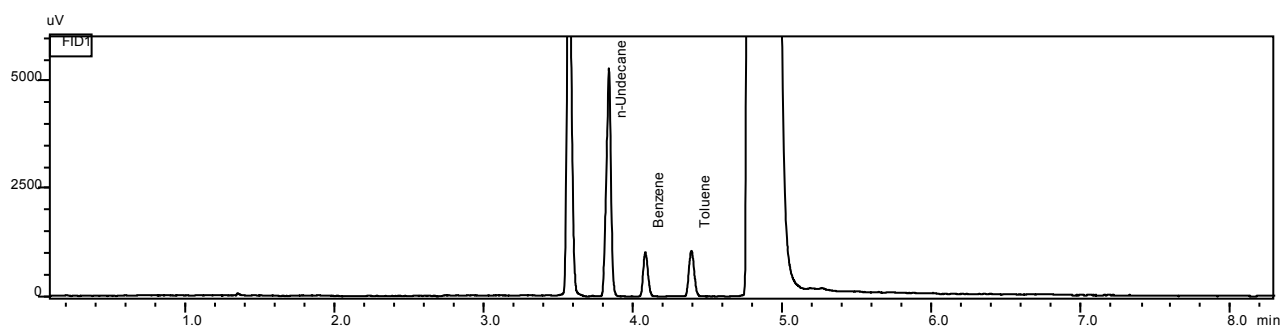## System Features

・Single FID channel
・Good repeatability

Typical Chromatograms

Fig. 1 Chromatogram of FID

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