

Application Data Sheet

No. 179

System Gas Chromatograph

Boiling Point Distributions of Liquid Hydrocarbons Nexis GC-2030BPD GC-2014BPD

This system is for analyzing liquid hydrocarbons in the range of C5 through C20. Sample is characterized by boiling point distribution with methyl silicone capillary column. Dedicated software supports classifying each hydrocarbon peak groups.

Analyzer Information

System Configuration:

One SPL injector / one capillary column /
one FID detector

Sample Information:

Liquid hydrocarbons in the range of C5
through C20

Methods met:

UOP-621

Concentration Range:

No.	Name of Compound	Concentration Range	
		Low Conc.	High Conc.
1	C5 Non-aromatics	500 ppmwt	99.9 %wt
2	Benzene	500 ppmwt	99.9 %wt
3	Toluene	500 ppmwt	99.9 %wt
4	C8 Aromatics	500 ppmwt	99.9 %wt
5	C10 Aromatics	500 ppmwt	99.9 %wt
6	Naphthalene	500 ppmwt	99.9 %wt
7	C12 Aromatics	500 ppmwt	99.9 %wt

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

System Features

- Single FID channel
- Dedicated calculation software for grouping

Typical Chromatograms

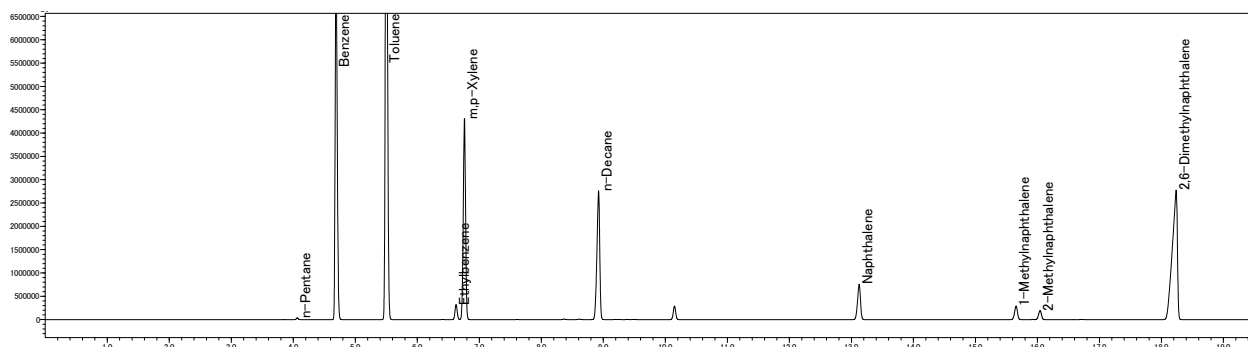


Fig. 1 Chromatogram of FID

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