System Gas Chromatograph
Octans and Lower Boiling Hydrocarbons in Olefin-Free Gasolines
Nexis GC-2030LBH3

This system is for determining the composition of C8 or lower boiling paraffins and naphthenes in olefin-free gasolines. Detailed identification is enabled by comparing chromatograms of two different analytical conditions.

### Analyzer Information

**System Configuration:**
- One SPL injector / one capillary column / one FID

**Methods met:**
- UOP-690

### System Features

- Single FID channel
- Good repeatability
- Detailed hydrocarbon analysis with simple configuration
- Dedicated software for supporting identification

### Typical Chromatograms

**Fig. 1** Chromatogram of FID - 1 of 4

**Fig. 2** Chromatogram of FID - 2 of 4
Fig. 3 Chromatogram of FID - 3 of 4

Fig. 4 Chromatogram of FID - 4 of 4

Fig. 5 Compound List of the Chromatogram