

CoreFocus
Report

No. 508

GC

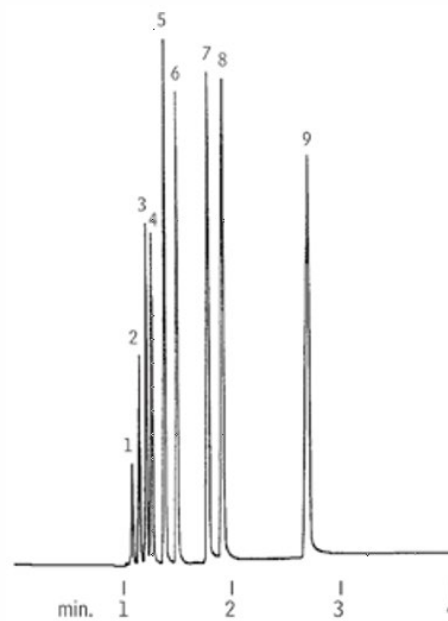
FID

SH Series

SH-200

Analysis of Free Fatty acids

Keywords: Organic acid, Food science



1. Acetic acid
2. Propionic acid
3. Isobutyric acid
4. *n*-Butyric acid
5. Isovaleric acid
6. *n*-Valeric acid
7. Isocaproic acid
8. Caproic acid
9. Heptanoic acid

Instrument	: GC
Column	: SH-200 (30 m x 0.25 mm I.D., $df = 0.25 \mu m$), P/N : 227-36180-01
Column temp.	: 90°C
Inj. vol.	: 0.8 μL split
Split vent	: 40 mL/min
Inj. temp.	: 250°C
Carrier gas	: H ₂ , 40 cm/s linear velocity (flow rate: 1.4 mL/min)
Detector	: FID
Detector temp.	: 250°C

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