

CoreFocus
Report
No. 421

GC

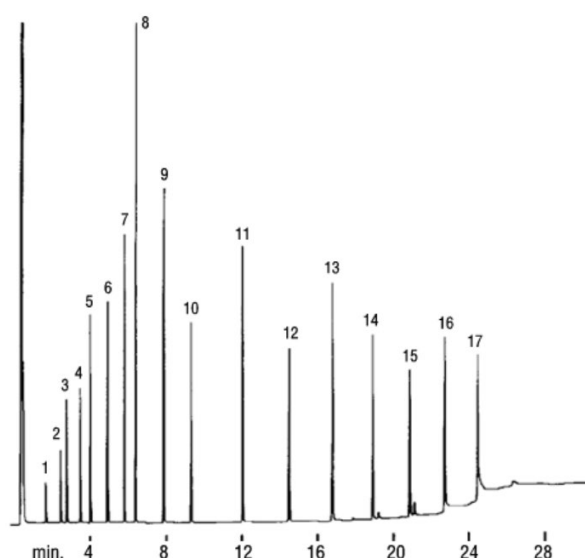
FID

SH Series

SH-PolarD

Analysis of Organic Acids (Free Fatty Acids)

Keywords: food analysis, environment, organic acid



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
10. Caprylic acid
11. Capric acid
12. Lauric acid
13. Myristic acid
14. Palmitic acid
15. Stearic acid
16. Arachidic acid
17. Behenic acid (25 ng/μL)

Instrument	: GC
Column	: SH-PolarD (30 m x 0.53 mm I.D. df = 0.25 μm), P/N: 227-36278-01
Column Temp.	: 100 °C (2 min) - 8 °C/min - 280 °C (10 min)
Inj. Vol.	: 0.3 μL direct
Inj. Temp	: 280 °C
Detector	: FID, 280 °C
Carrier Gas	: H ₂ , flow rate 10 mL/min. linear velocity 80 cm/s

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