

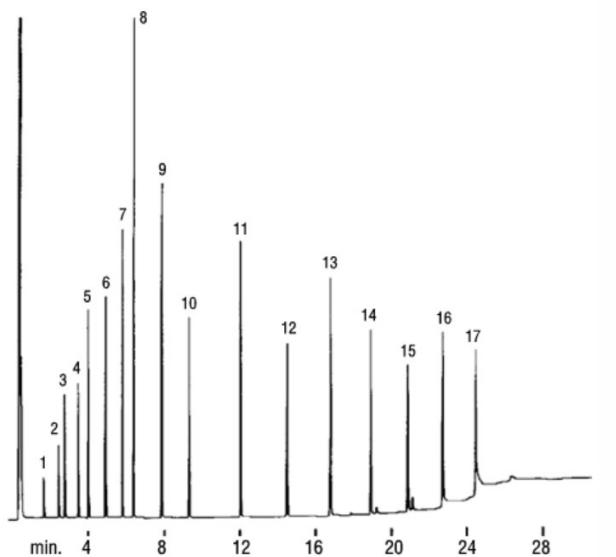
**CoreFocus**  
**Report**  
**No. 421**

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. Isocaprylic acid
8. Caprylic 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)

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Instrument	:	GC
Column	:	SH-PolarD (30 m x 0.53 mmI.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 <sub>2</sub> , flow rate 10 mL/min. linear velocity 80 cm/s

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