## **GC Application** ID No.: **16509**



## Sterols from Oils and Fats by FID on ZB-5MS

Zebron™ ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

5% Phenyl-Arylene 95% Dimethylpolysiloxane Phase:

**Dimensions:** 30 meters x 0.25 mm x 0.25 μm

Order No: 7HG-G010-11

**Oven Profile:** 225 °C to 330 °C @ 15 °C/min for 2 min.

**Carrier Gas:** Constant Flow Helium, 2.5 mL/min

Injection: Splitless :1 0.5 µL @ 320°C **Detection:** Flame Ionization (FID) (320°C)

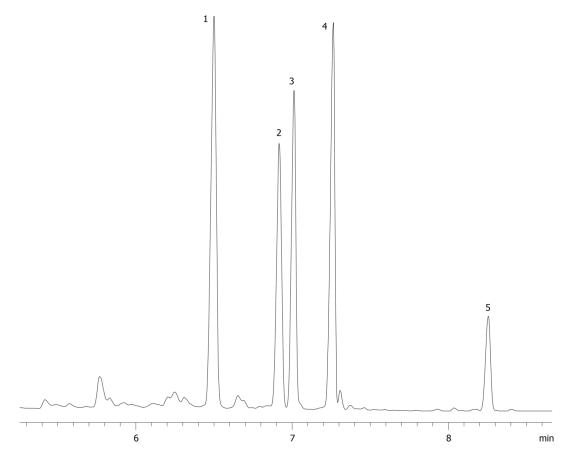
Analyst Note: Derivatized 125 ug/ml sterols and 55 ug/ml internal standard.

16509



Products used in this application:





## **ANALYTES:**

- Cholesterol
- 2 Campesterol
- Stigmasterol 3
- b-Sitosterol
- Betulin

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