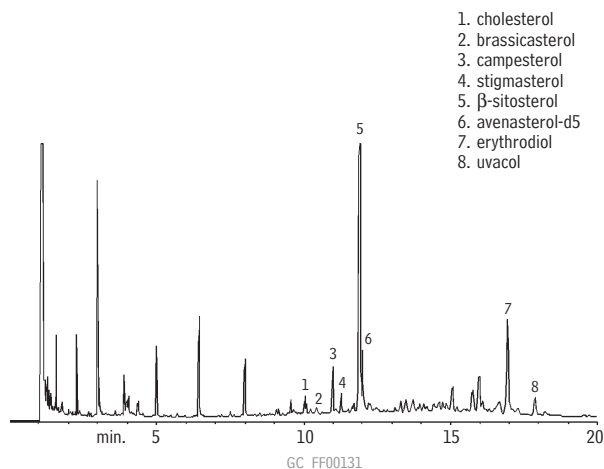


Sterols (Olive Oil)

XTI®-5

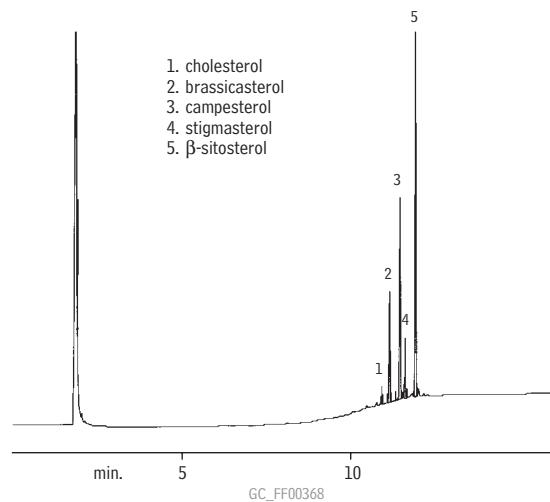


1. cholesterol
2. brassicasterol
3. campesterol
4. stigmasterol
5. β -sitosterol
6. avenasterol-d5
7. erythrodiol
8. uvacol

Column: XTI®-5, 30m, 0.25mm ID, 0.25 μ m (cat.# 12223)
 Sample: 0.5 μ L splitless injection of a sterol fraction from olive pomace oil
 Conc.: 10–2500ng
 Oven temp.: 227°C to 305°C @ 8°C/min. (hold 10 min.)
 Inj./det. temp.: 300°C
 Carrier gas: helium
 Linear velocity: 35cm/sec. set @ 227°C (1.3mL/min.)
 FID sensitivity: 8 x 10⁻¹¹ AFS
 Splitless hold time: 1.00 min.

Phytosterols (Saw Palmetto)

Rtx®-5



1. cholesterol
2. brassicasterol
3. campesterol
4. stigmasterol
5. β -sitosterol

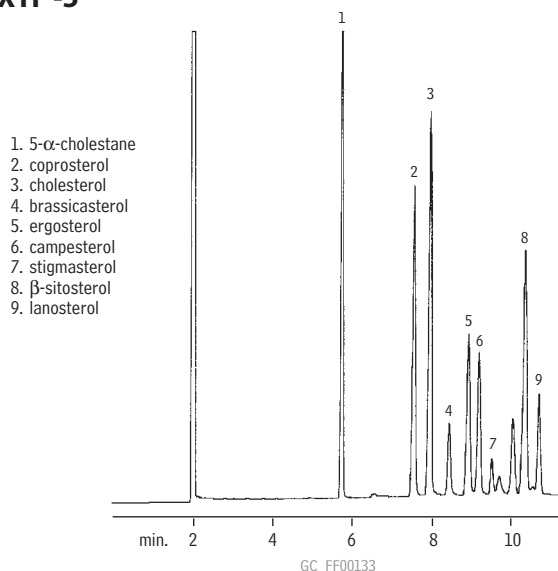
Column: Rtx®-5, 60m, 0.25mm ID, 0.25 μ m (cat.# 10226)
 Inj.: 1 μ L splitless injection*
 Oven temp.: 200°C (hold 1 min.) to 340°C @ 15°C/min. (hold 10 min.)
 Inj./FID temp.: 345°C/355°C

*Split injection may be used, but results can have greater variability. A split flow of 112mL/min. is suggested.

Chromatogram provided by the Institute for Nutraceutical Advancement (INA)

Sterols

XTI®-5



1. 5- α -cholestane
2. coprosterol
3. cholesterol
4. brassicasterol
5. ergosterol
6. campesterol
7. stigmasterol
8. β -sitosterol
9. lanosterol

Column: XTI®-5, 30m, 0.25mm ID, 0.50 μ m (cat.# 12238)
 Inj.: 1.0 μ L split injection
 On-column conc.: 250ng
 Oven temp.: 330°C
 Inj./det. temp.: 300°C
 Carrier gas: helium
 Linear velocity: 30cm/sec. set @ 40°C
 FID sensitivity: 8 x 10⁻¹¹ AFS
 Split ratio: 100:1

Searching for a chromatogram?

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