

Sterols in Olive Oil - GC Application

STEROLI - OLIO DI OLIVA

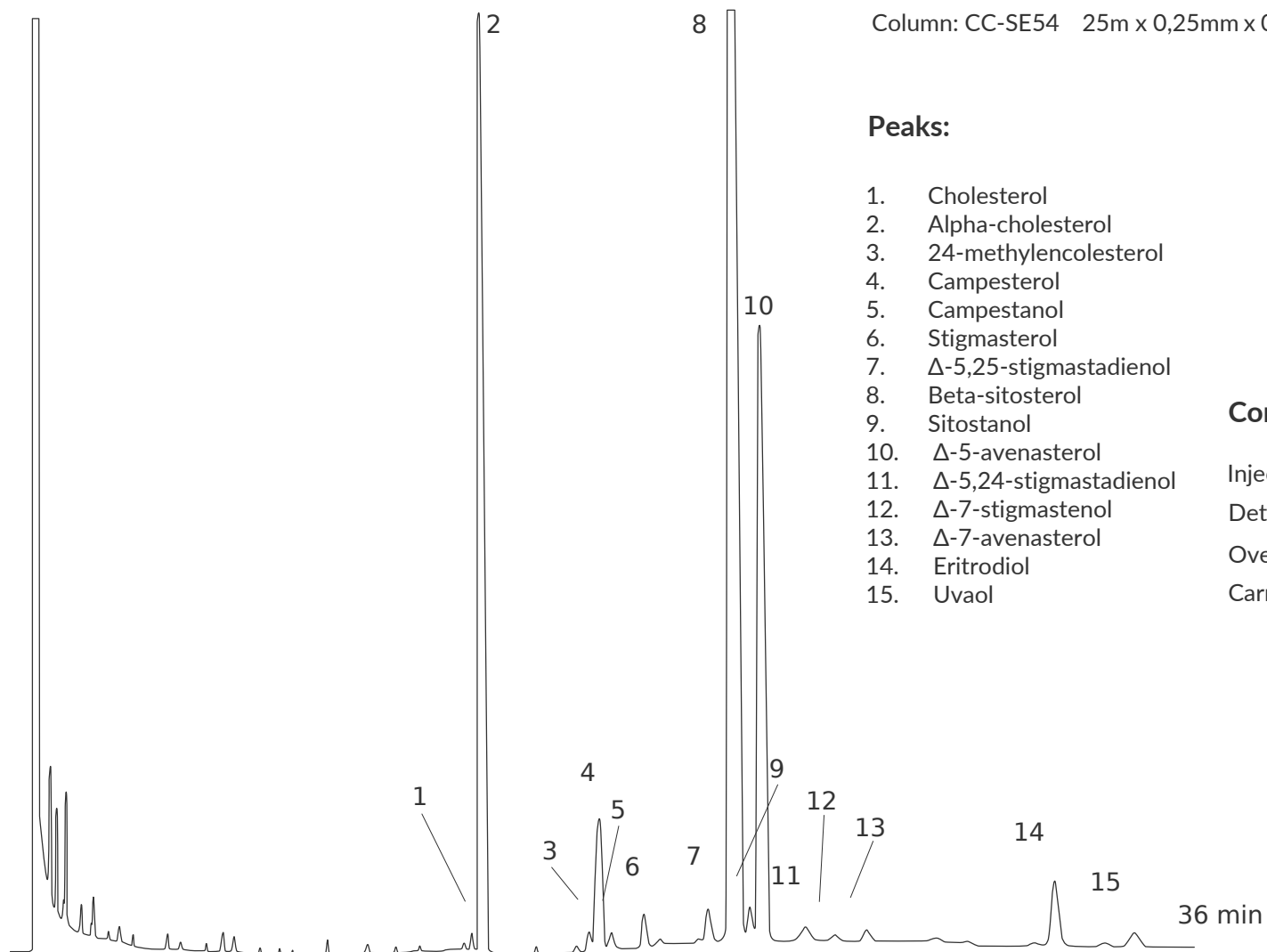
Column: CC-SE54 25m x 0,25mm x 0,25µm

Peaks:

1. Cholesterol
2. Alpha-cholesterol
3. 24-methylcolesterol
4. Campesterol
5. Campestanol
6. Stigmasterol
7. Δ -5,25-stigmastadienol
8. Beta-sitosterol
9. Sitostanol
10. Δ -5-avenasterol
11. Δ -5,24-stigmastadienol
12. Δ -7-stigmastenol
13. Δ -7-avenasterol
14. Eritrodiol
15. Uvaol

Conditions:

Injection: Split 275°C. 1.0µL, 1:100 Split Ratio.
Detector: FID 280°C
Oven Temp: 260°C Isothermal
Carrier Gas: Hydrogen, 90 kPa



Standard mixture extracted from Olive Oil with Silyl-991 official procedure.