



Fast analysis of triglycerides

Application Note

Food Testing & Agriculture

Authors

Agilent Technologies, Inc.

Introduction

Fast analysis of 18 triglycerides is achieved with Agilent CP-TAP-CB column in 16 minutes.



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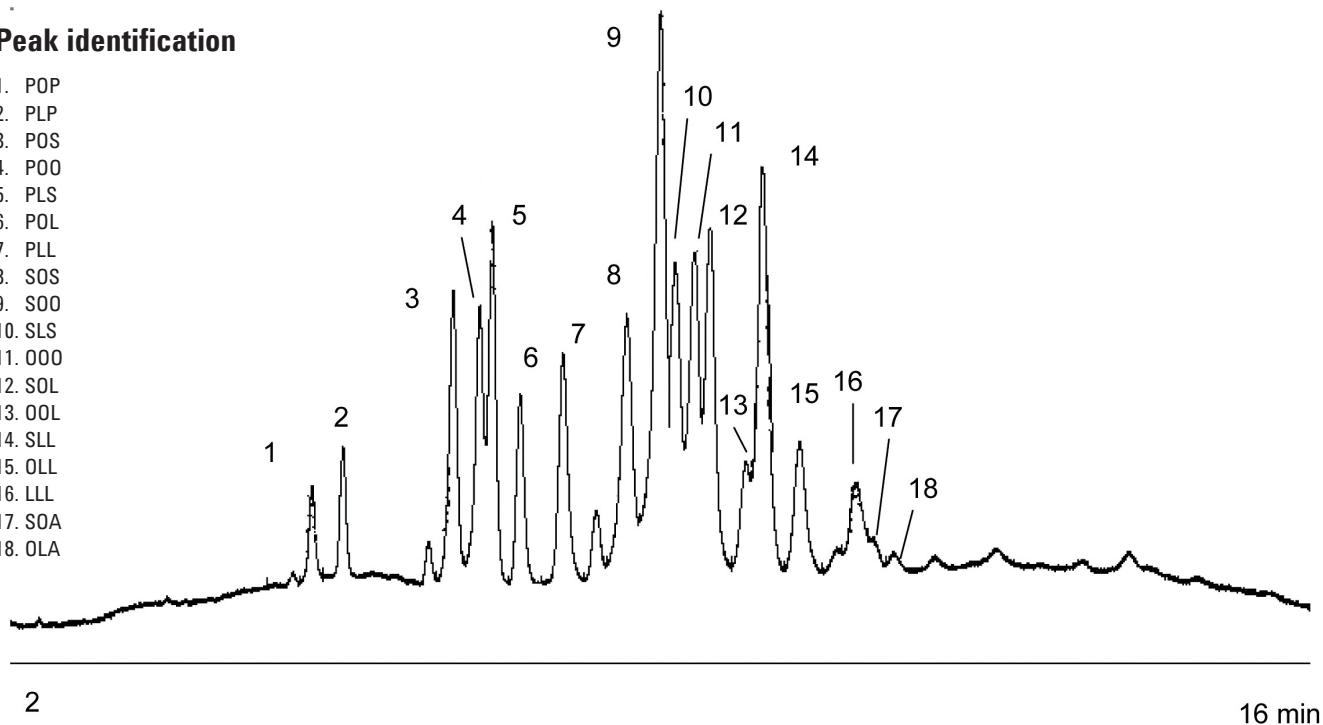
Conditions

Technique : GC
Column : Agilent CP-TAP-CB UltiMetal, 0.25 mm x 15 m
(df = 0.1 μ m) (Custom-made)
Temperature : 340 °C \rightarrow 356 °C, 1 °C/min
Carrier Gas : Helium, 100kPa
Injector : Split, T = 370 °C
Detector : FID, T = 360 °C
Sample Size : 1.0 μ L
Concentration Range : 0.5%
Solvent Sample : heptane

Courtesy : Diana Cabrera, Instituto de la Grasa, Sevilla, Spain

Peak identification

1. POP
2. PLP
3. POS
4. POO
5. PLS
6. POL
7. PLL
8. SOS
9. SOO
10. SLS
11. OOO
12. SOL
13. OOL
14. SLL
15. OLL
16. LLL
17. SOA
18. OLA



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