

FAM 20

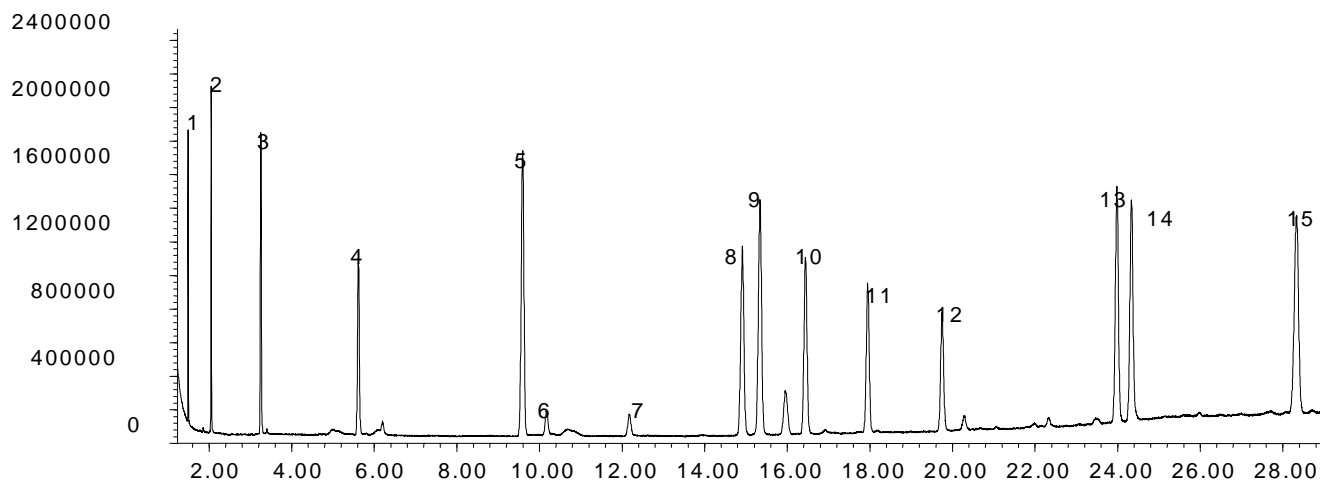
Fatty Acid Methyl Ester

FAME Standards on SolGel-Wax

Phase: SolGel-Wax 0.25µm film
Sample: 300ppm in dichloromethane
Column: 30m x 0.25 mm ID
Initial Temp: 155°C,
Rate 1: 2°C/min to 180°C,
Rate 2: 4°C/min to 220°C
Final Temp: 220°C, 5 min.
Detector Type: MSD
Carrier Gas: He, 35.3psi
Carrier Gas Flow: 1.6 mL/min.
Constant Flow: On
Average Linear Velocity: 35 cm/sec at 155°C
Injection Mode: Split
Split Ratio: 80:1
Injection Volume: 0.2 µL
Injection Temperature: 250°C
Autosampler: No
Liner Type: 4 mm ID Double Taper Liner
Liner Part Number: 092018
Column Part Number: 054796
ms-NoVent™ Part no.: 113400
HP5973 restrictor: 113409
Full Scan / SIM: Full scan 45-450

Components

1. Methyl octanoate (C8:0)
2. Methyl decanoate (C10:0)
3. Methyl laurate (C12:0)
4. Methyl myristate (C14:0)
5. Methyl palmitate (C16:0)
6. Methyl palmitoleate (C16:1)
7. Methyl heptadecanoate (C17:0)
8. Methyl stearate (C18:0)
9. Methyl oleate (C18:1)
10. Methyl linoleate (C18:2)
11. Methyl linolenate (C18:3)
12. Methyl arachidate (C20:0)
13. Methyl behenate (C22:0)
14. Methyl erucate (C22:1)
15. Methyl lignocerate (C24:0)



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