

GC Application

ID No.: 23839

37 FAMES by GC/FID in 11 Minutes on Zebron ZB-FAME (20 m)

Column: Zebron ZB-FAME, GC Cap. Column 20m x 0.18mm x 0.15um , Ea
Phase: Proprietary Pesticides Phase
Dimensions: 20 meters x 0.18 mm x 0.15 µm
Order No: 7FD-G033-05
Oven Profile: 80 °C for 1.5min to 160 °C @ 40 °C/min to 185 °C @ 5 °C/min to 260 °C @ 30 °C/min

Carrier Gas: Constant Flow Helium, 1 mL/min

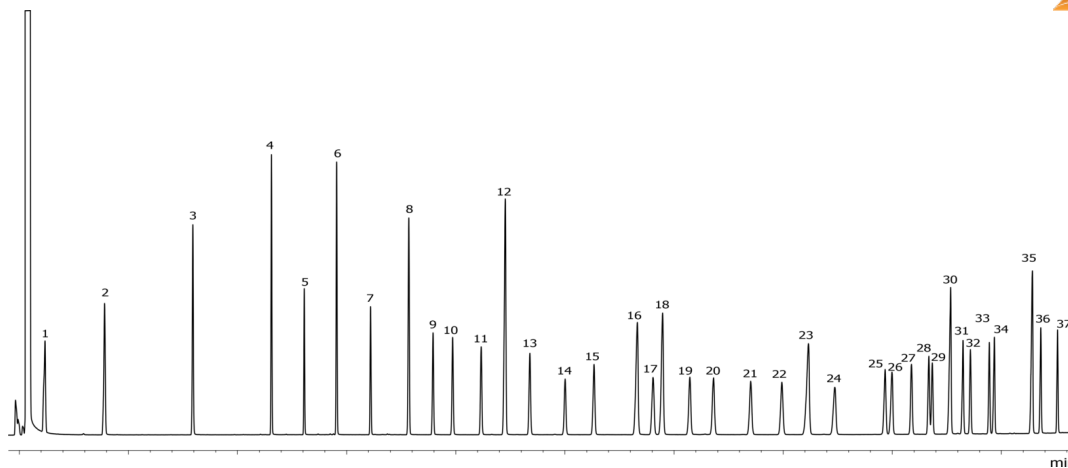
Injection: Split 100:1 1 µL @ 250°C

Detection: Flame Ionization (FID) (260°C)

Analyst Note: Recommended Liner: Zebron PLUS Single Taper Z-Liner, 4 mm ID
Liner Part No.: AG2-0A13-05 (for Agilent systems)
Inlet Seal: AG0-8620 (Gold Plated Easy Seal)
Septum: AG0-4696 (PhenoRed-400)



Products used in this application:



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ANALYTES:

- 1 C4:0
- 2 C6:0
- 3 C8:0
- 4 C10:0
- 5 C11:0
- 6 C12:0
- 7 C13:0
- 8 C14:0
- 9 C14:1 cis 9
- 10 C15:0
- 11 C15:1 cis 10
- 12 C16:0
- 13 C16:1 cis 9
- 14 C17:0
- 15 C17:1 cis 10
- 16 C18:0
- 17 C18:1 trans 9
- 18 C18:1 cis 9
- 19 C18:2 trans 9,12
- 20 C18:2 cis 9,12
- 21 C18:3 cis 6,9,12
- 22 C18:3 cis 9,12,15
- 23 C20:0
- 24 C20:1 cis 11
- 25 C20:2 cis 11,14
- 26 C21:0
- 27 C20:3 cis 8,11,14
- 28 C20:4 cis 5,8,11,14
- 29 C20:3 cis 11,14,17
- 30 C22:0
- 31 C22:1 cis 13
- 32 C20:5 cis 5,8,11,14,17
- 33 C22:2 cis 13,16
- 34 C23:0
- 35 C24:0
- 36 C24:1 cis 15
- 37 C22:6 cis 4,7,10,13,16,19

