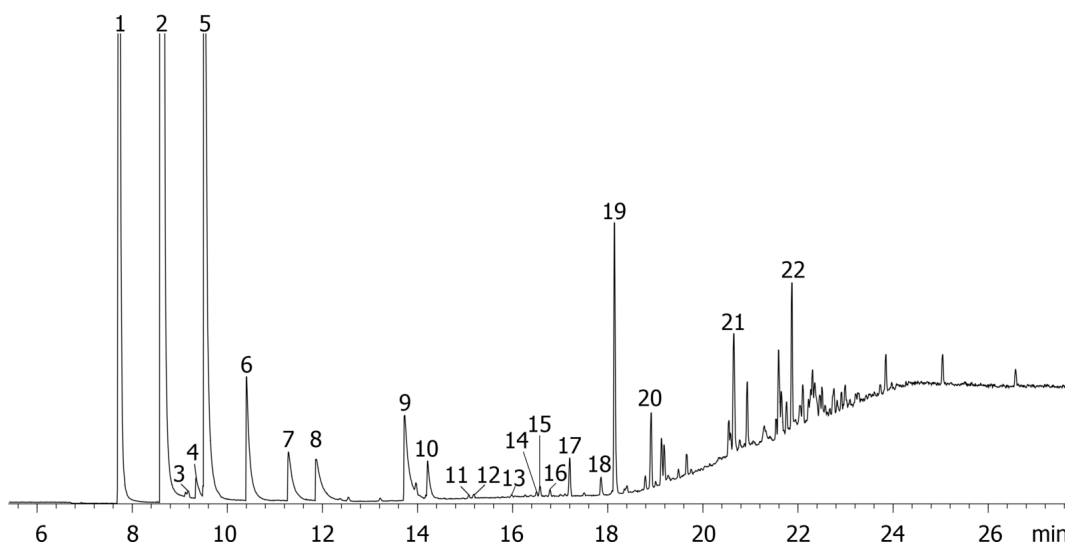


Bioethanol by MSD on a ZB-1**Column:** Zebron[™] ZB-1, GC Cap. Column 100 m x 0.25 mm x 0.50 μ m, Ea**Phase:** 100% Dimethylpolysiloxane**Dimensions:** 100 meters x 0.25 mm x 0.5 μ m**Order No:** 7MG-G001-17**Oven Profile:** 35°C for 12 min to 250°C @ 30°C/min for 19 min**Carrier Gas:** Constant Flow Helium, 24 cm/sec**Injection:** Split 200:1 0.1 μ L @ 300°C**Detection:** Mass Selective (MSD) (230°C)**Analyst Note:** Ethanol ~95%, Methanol ~2%, Gasoline ~2%, Fusel Alcohols ~1%

16657

**Products used in this application:**

Bioethanol by MSD on a ZB-1

ANALYTES:

- 1 Methanol
- 2 Ethanol
- 3 Acrolein
- 4 Acetone
- 5 Isopropyl alcohol
- 6 t-Butanol
- 7 Allyl alcohol
- 8 n-Propanol
- 9 2-Butanol
- 10 Ethyl acetate
- 11 Methylcyclopentane
- 12 2,4-Dimethylpentane
- 13 Benzene
- 14 Cyclohexane
- 15 2,3-Dimethylpentane
- 16 3-Methylhexane
- 17 2,2,4-Trimethylpentane
- 18 Heptane
- 19 Acetal
- 20 Toluene
- 21 Xylene
- 22 Trimethylbenzene

