

# GC Application

ID No.: 25558

## ASTM 6730 on ZB-PONA 100m x 0.25mm x 0.5um with ZB-PONA tuning 5m x 0.25mm x 1.0mm

**Column:** Zebron ZB-DHA-PONA, GC Cap. Column 100m x 0.25mm x 0.5um , Ea

**Phase:**

**Dimensions:** 100 meters x 0.25 mm x 0.5 µm

**Order No:** 7MG-G042-17

**Oven Profile:** 30°C for 8.5 min to 48°C @ 22°C/min 48°C for 27 min to 141°C @ 3°C/min 141°C for 1 min to 275°C @ 1°C/min 275°C for 2 min

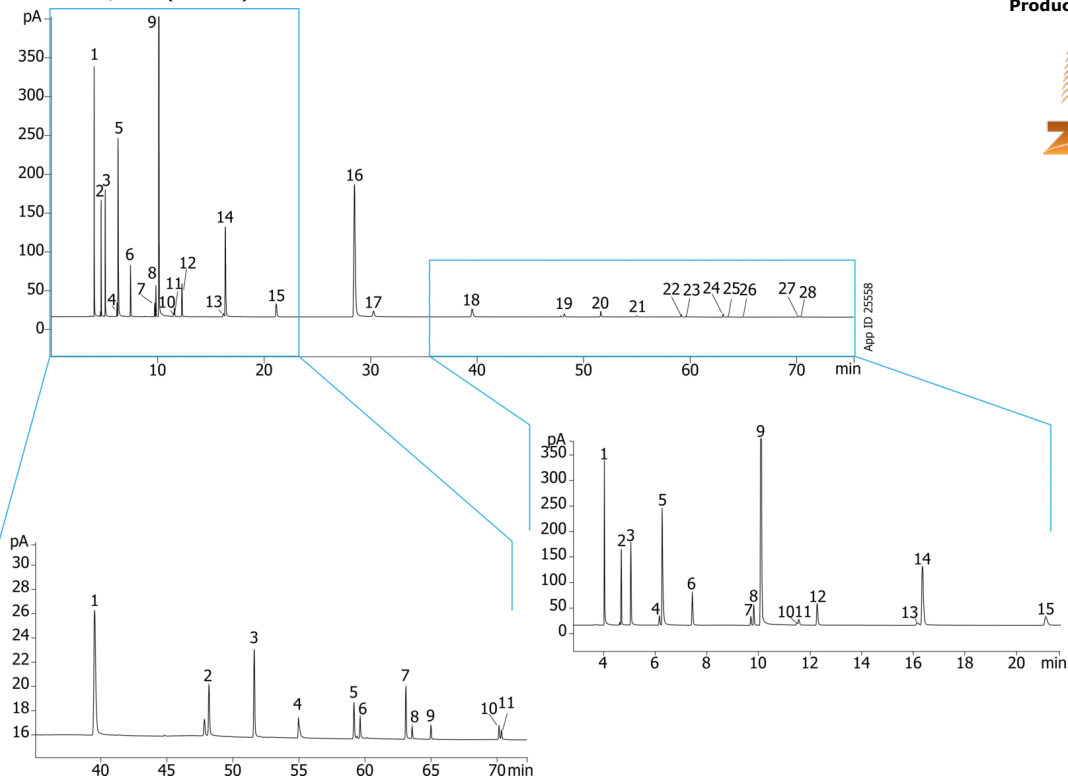
**Carrier Gas:** Constant Flow Hydrogen, 2 mL/min

**Injection:** Split 150:1 0.2 µL @ 200°C

**Detection:** GC/FID (275°C)



Products used in this application:



**ASTM 6730 on ZB-PONA 100m x 0.25mm x 0.5um with ZB-PONA tuning 5m x 0.25mm x 1.0mm**

**ANALYTES:**

- 1 Ethanol
- 2 C5 (n-pentane)
- 3 2-Methylbutane
- 4 Tert-Butanol
- 5 2,3-Dimethylbutane
- 6 Methyl tert-butyl ether (MTBE)
- 7 C6 (n-hexane)
- 8 1-Methylcyclopentene
- 9 Benzene
- 10 Cyclohexane
- 11 3-Ethylpentane
- 12 trans-1,2-Dimethylcyclopentane
- 13 C7 (n-heptane)
- 14 2,3,3-Trimethylpentane
- 15 Toluene
- 16 C8 (n-octane)
- 17 Ethylbenzene
- 18 2,3-Dimethylheptane
- 19 p-Xylene
- 20 C9 (n-nonane)
- 21 5-Methylnonane
- 22 1-Methyl-2-ethylbenzene
- 23 C10 (n-decane)
- 24 C11 (undecane)
- 25 1,2,3,5-Tetramethylbenzene
- 26 Naphthalene
- 27 C12 (dodecane)
- 28 1-Methylnaphthalene
- 29 C13 (Tridecane)

