

## Industrial Chemicals: Esters on ZB-1

**Column:** Zebron<sup>™</sup> ZB-1, GC Cap. Column 30 m x 0.53 mm x 3.00 μm, Ea

**Phase:** 100% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.53 mm x 3 μm

**Order No:** 7HK-G001-36

**Oven Profile:** 70 °C for 8 min to 250 °C at 30 °C/min hold 10 min

**Carrier Gas:** Constant Flow Helium, 2.5 mL/min

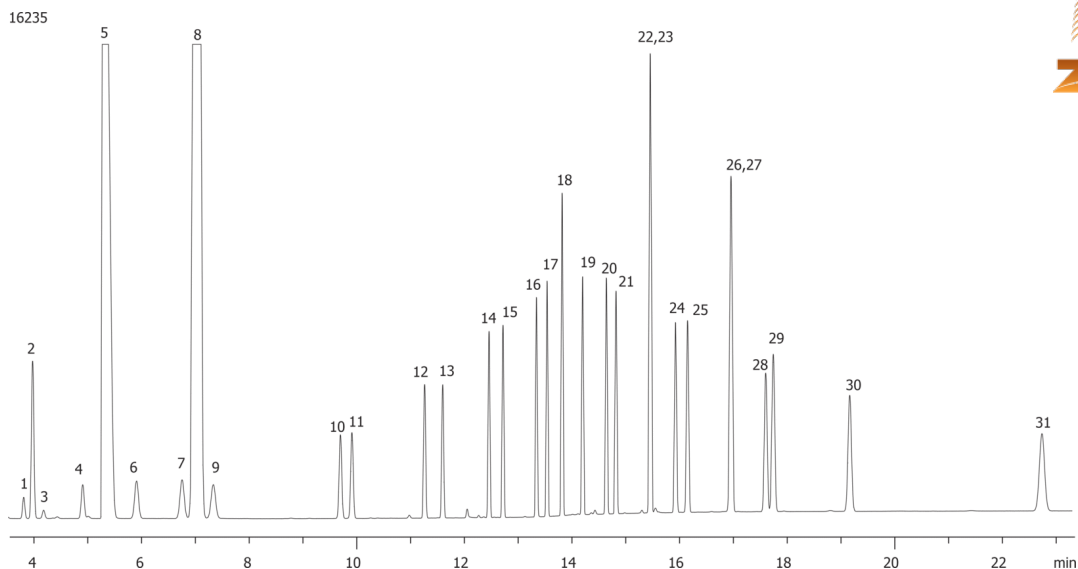
**Injection:** Split 20:1 1 μL @ 250°C

**Detection:** Flame Ionization (FID) (300°C)

**Analyst Note:** 100ppm per analyte in Carbon Disulfide



Products used in this application:



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### ANALYTES:

- 1 Acetic acid phenyl ester
- 2 contaminant
- 3 alpha-Tocopherol acetate
- 4 Methyl acetate
- 5 Carbon disulfide
- 6 Vinyl acetate
- 7 Ethyl acetate
- 8 Chloroform
- 9 Methyl propanoate
- 10 Propyl acetate
- 11 Methyl butanoate
- 12 Ethyl butanoate
- 13 Methyl pentanoate
- 14 Propyl butanoate
- 15 Methyl hexanoate
- 16 Ethyl hexanoate
- 17 Methyl heptanoate
- 18 Formic acid methyl ester
- 19 Methyl octanoate
- 20 Ethyl octanoate
- 21 Methyl n-nonanoate
- 22 n-Capric acid methyl ester
- 23 Methyl decanoate
- 24 Ethyl decanoate
- 25 n-Undecanoic acid methyl ester
- 26 Methyl dodecanoate
- 27 Lauric acid methyl ester (C12:0)
- 28 Ethyl dodecanoate
- 29 Dodecyl decanoate
- 30 Methyl tetradecanoate
- 31 Methyl hexadecanoate

