

## Food Industry FAMEs on ZB-MR2

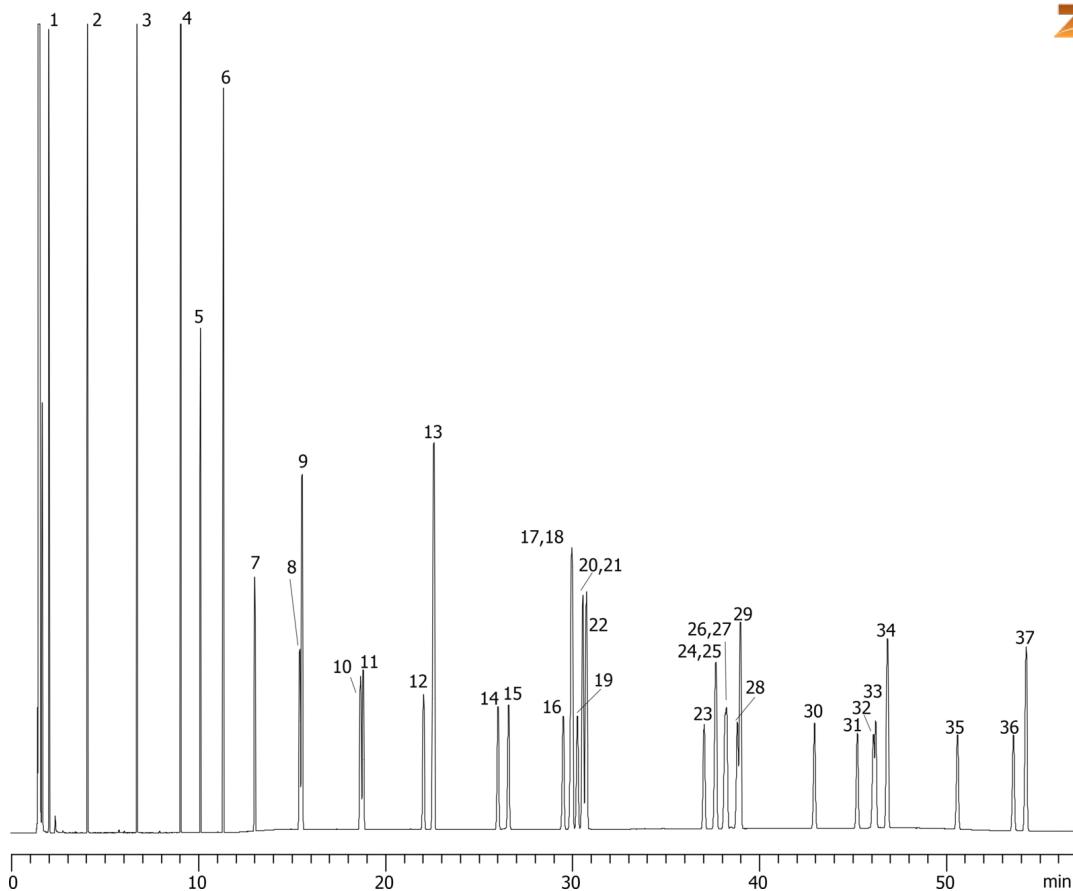
**Column:** Zebron™ ZB-MultiResidue™-2, GC Cap. Column 30 m x 0.25 mm x 0.20 µm, Ea  
**Phase:** Unknown or Proprietary  
**Dimensions:** 30 meters x 0.25 mm x 0.2 µm  
**Order No:** 7HG-G017-10  
**Oven Profile:** 60 °C for 2 min to 160 °C at 13 °C/min. hold 5 min to 275 °C/min at 2 °C/min hold 2 min.  
**Carrier Gas:** Constant Flow Helium, 2 mL/min  
**Injection:** Split 5:1 1 µL @ 250°C  
**Detection:** Refractive Index (280°C)  
**Analyst Note:** Composition range of analytes in standard mix 2 - 4 %.



Products used in this application:



16330



**Food Industry FAMEs on ZB-MR2****ANALYTES:**

- 1** Butyric acid methyl ester (C4:0)
- 2** Caproic acid methyl ester (C6:0)
- 3** Caprylic acid methyl ester (C8:0)
- 4** Capric acid methyl ester (C10:0)
- 5** Undecanoic acid methyl ester (C11:0)
- 6** Lauric acid methyl ester (C12:0)
- 7** Tridecanoic acid methyl ester (C13:0)
- 8** Myristoleic acid methyl ester (C14:1)
- 9** Myristic acid methyl ester (C14:0)
- 10** cis-10-Pentadecenoic acid methyl ester (C15:1)
- 11** Pentadecanoic acid methyl ester (C15:0)
- 12** Palmitoleic acid methyl ester (C16:1)
- 13** Palmitic acid methyl ester (C16:0)
- 14** cis-10-Heptadecenoic acid methyl ester (C17:1)
- 15** Heptanoic acid methyl ester (C17:0)
- 16** gamma-Linolenic acid methyl ester (C18:3n6)
- 17** Oleic acid methyl ester (C18:1n9c)
- 18** Linoleic acid methyl ester (C18:2n6c)
- 19** Elaidic acid methyl ester (C18:1n9t)
- 20** Linolelaidic acid methyl ester (C18:2n6t)
- 21** Linolenic acid methyl ester (C18:3n3)
- 22** Stearic acid methyl ester (C18:0)
- 23** Arachidonic acid methyl ester (C20:4n6)
- 24** cis-5,8,11,14,17-Eicosapentaenoic acid methyl ester (C20:5n3)
- 25** cis-8,11,14-Eicosatrienoic acid methyl ester (C20:3n6)
- 26** cis-11-Eicosenoic acid methyl ester (C20:1)
- 27** cis-11,14-Eicosadienoic acid methyl ester (C20:2)
- 28** cis-11,14,17-Eicosatrienoic acid methyl ester (C20:3n3)
- 29** Arachidic acid methyl ester (C20:0)
- 30** Heneicosanoic acid methyl ester (C21:0)
- 31** cis-4,7,10,13,16,19-Docosahexaenoic acid methyl ester (C22:6n3)
- 32** Euric acid methyl ester (C22:1n9)
- 33** cis13,16-Docosadienoic acid methyl ester (C22:2)
- 34** Behenic acid methyl ester (C22:0)
- 35** Tricosanoic acid methyl ester (C23:0)
- 36** Nervonic acid methyl ester (C24:1)
- 37** Lignoceric acid methyl ester (C24:0)

