

# GC Application

ID No.: 18480

## Marine Oil Fumes by MSD on ZB-XLB-HT

**Column:** Zebron<sup>™</sup> ZB-XLB-HT, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea

**Phase:** Proprietary XLB Phase

**Dimensions:** 30 meters x 0.25 mm x 0.25 µm

**Order No:** 7HG-G024-11

**Oven Profile:** 70 °C to 160 °C @ 15 °C/min to 250 °C @ 4 °C/min to 340 °C @ 20 °C/min

**Carrier Gas:** Constant Flow Helium, 1.2 mL/min

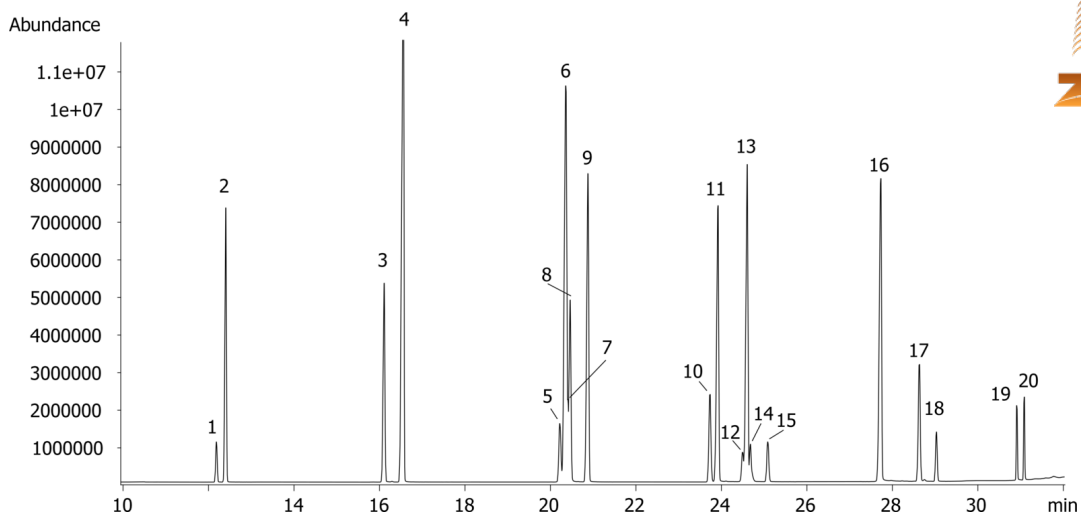
**Injection:** On-Column :1 0.1 µL @ 73°C

**Detection:** Mass Selective (MSD) (350°C)

18480



Products used in this application:



## Marine Oil Fames by MSD on ZB-XLB-HT

### ANALYTES:

- 1 Methyl myristoleate (C14:1)
- 2 Methyl myristate (C14:0)
- 3 Methyl palmitoleate (C16:1)
- 4 Methyl palmitate (C16:0)
- 5 Methyl linoleate (C18:2)
- 6 Methyl vaccenate (C18:1)
- 7 Methyl linolenate (C18:3)
- 8 Methyl oleate (C18:1)
- 9 Methyl stearate (C18:0)
- 10 Methyl arachidonate (C20:4)
- 11 Methyl eicosapentaenoate (C20:5)
- 12 Methyl 11,14-eicosadienoate (C20:2)
- 13 Methyl 11-eicosanoate (C20:1)
- 14 Methyl-11,14,17-eicosatrienoate (C20:3)
- 15 Methyl arachidate (C20:0)
- 16 Methyl docosahexaenoate (C22:6)
- 17 Methyl erucate (C22:1)
- 18 Methyl behenate (22:0)
- 19 Methyl nervonate (C24:1)
- 20 Methyl lignocerate (C24:0)

