

FAMES in Marine Oil by GC/FID on Zebron ZB-23

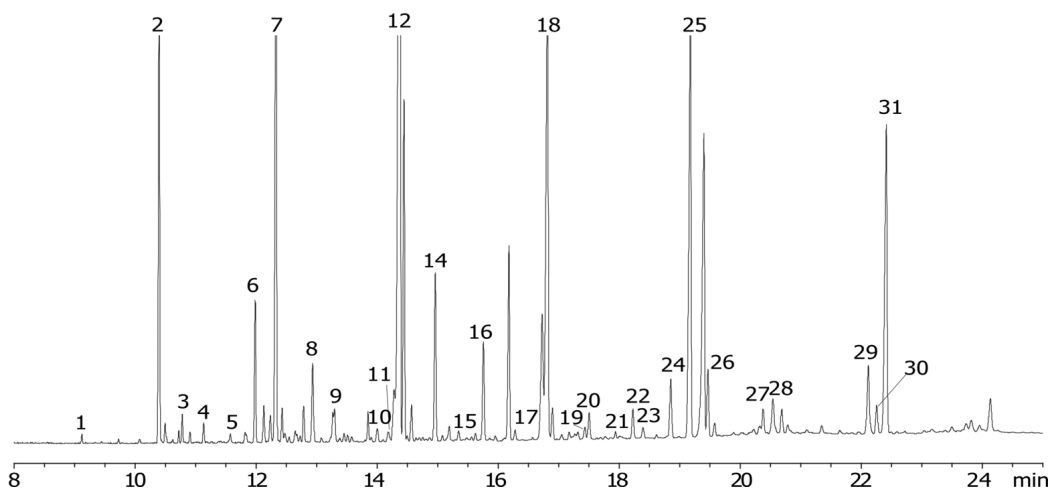
Column: N/A
Phase: N/A
Dimensions: N/A
Order No: N/A
Oven Profile: N/A

Carrier Gas: N/A
Injection: N/A
Detection: N/A

Analyst Note: Recommended Accessories:
Recommended Liner: Zebron PLUS Single Taper with Wool, 4 mm ID
Liner Part No.: AG2-0A13-05 (for Agilent systems)
Inlet Seal: AG0-8620 (Gold Plated Easy Seal)
Septum: AG0-4696 (PhenoRed-400)

Sample Preparation:
1. Weigh 100 mg of sample into 20 mL test tube
2. Add 10 mL of hexane
3. Add 100 µL of 2N potassium hydroxide in methanol
4. Vortex for 30 seconds
5. Centrifuge and transfer upper layer into autosampler vial

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ANALYTES:

- 1 C12:0
- 2 C14:0
- 3 C14:1 cis 9
- 4 C15:0
- 5 C15:1 cis 10
- 6 C16:0
- 7 C16:1 cis 9
- 8 C17:0
- 9 C17:1 cis 10
- 10 C18:0
- 11 C18:1 trans 9
- 12 C18:1 cis 9
- 13 C18:2 trans 9,12
- 14 C18:2 cis 9,12
- 15 C18:3 cis 6,9,12
- 16 C18:3 cis 9,12,15
- 17 C20:0
- 18 C20:1 cis 11
- 19 C21:0
- 20 C20:2 cis 11,14
- 21 C20:3 cis 8,11,14
- 22 C20:4 cis 5,8,11,14
- 23 C20:3 cis 11,14,17
- 24 C22:0
- 25 C20:5 cis 5,8,11,14,17
- 26 C22:1 cis 13
- 27 C23:0
- 28 C22:2 cis 13,16
- 29 C24:0
- 30 C24:1 cis 15
- 31 C22:6 cis 4,7,10,13,16,19

