

## Fatty Acid Methyl Esters (FAME)

**Column:** DB-23  
 30 m x 0.32 mm I.D., 0.25 µm  
**J&W P/N:** 123-2332  
**Carrier:** Helium at 40 cm/sec, measured at 50°C  
**Oven:** 50°C for 2 min  
 50-180°C at 10°/min  
 180°C for 5 min  
 180-240°C at 5°/min  
**Injector:** Splitless, 250°C  
 45 sec purge activation time  
**Detector:** FID, 300°C  
 Nitrogen makeup gas at 30 mL/min

25. C20:4 Methyl arachidonate  
 26. C20:3 Methyl 11,14,17-eicosatrienoate  
 27. C22:0 Methyl behenate  
 28. C20:5n3 all *cis*-Methyl 5,8,11,14,17-eicosapentenoate; (EPA)  
 29. C22:1 Methyl erucate  
 30. C22:2 Methyl 13,16-docosadienoate  
 31. C24:0 Methyl lignocerate  
 32. C22:6n3 all *cis*-Methyl 4,7,10,13,16,19-docosahexenoate; (DHA)  
 33. C24:1 Methyl nervonate

1. C8:0 Methyl octanoate  
 2. C9:0 Methyl nonanoate  
 3. C10:0 Methyl decanoate  
 4. C11:0 Methyl undecanoate  
 5. C12:0 Methyl laurate  
 6. C13:0 Methyl tridecanoate  
 7. C14:0 Methyl myristate  
 8. C14:1 Methyl myristoleate  
 9. C15:0 Methyl pentadecanoate  
 10. C15:1 Methyl 10-pentadecenoate  
 11. C16:0 Methyl palmitate  
 12. C16:1 Methyl palmitoleate  
 13. C17:0 Methyl heptadecanoate  
 14. C17:1 Methyl 10-heptadecenoate  
 15. C18:0 Methyl stearate  
 16. C18:1 *trans*-Methyl elaidate  
 17. C18:1 *cis*-Methyl oleate  
 18. C18:2 Methyl linoleate  
 19. C18:3 Methyl gamma linolenate  
 20. C18:3 Methyl linolenate  
 21. C20:0 Methyl arachinoate  
 22. C20:1 Methyl 11-eicosanoate  
 23. C20:2 Methyl 11,14-eicosadienoate  
 24. C20:3 Methyl methyl homogamma linolenate

