

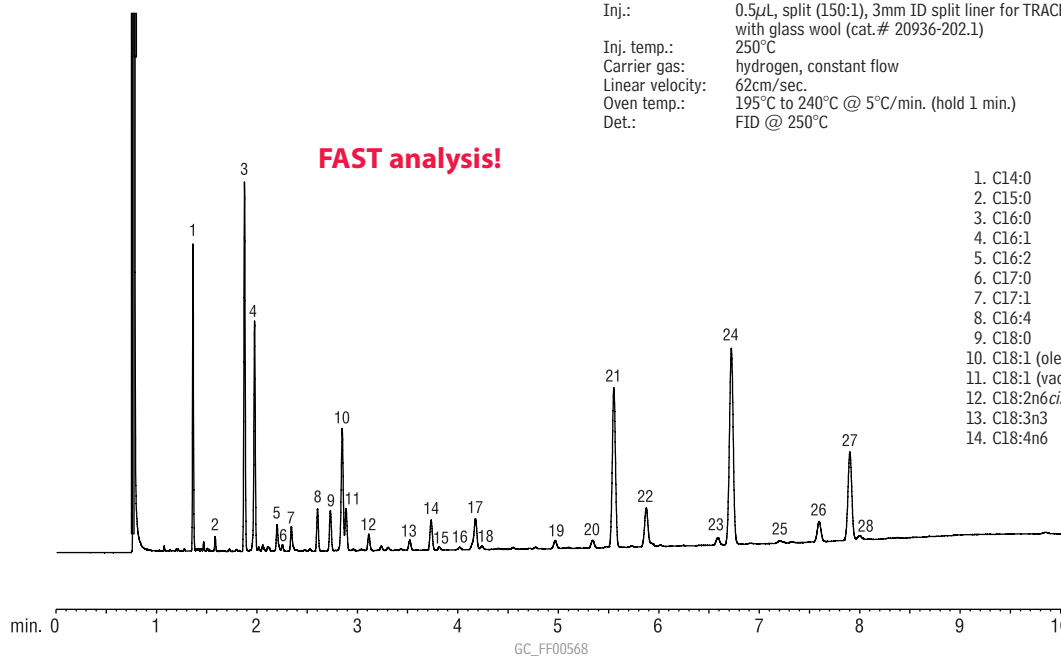
FAMEs

FAMEs (Marine Oil Standard)

FAMEWAX

Column: FAMEWAX, 30m, 0.32mm ID, 0.25µm (cat.# 12498)
 Sample: 12mg/mL total FAMEs
 Inj.: 0.5µL, split (150:1), 3mm ID split liner for TRACE Series GCs, packed with glass wool (cat.# 20936-202.1)
 Inj. temp.: 250°C
 Carrier gas: hydrogen, constant flow
 Linear velocity: 62cm/sec.
 Oven temp.: 195°C to 240°C @ 5°C/min. (hold 1 min.)
 Det.: FID @ 250°C

FAST analysis!



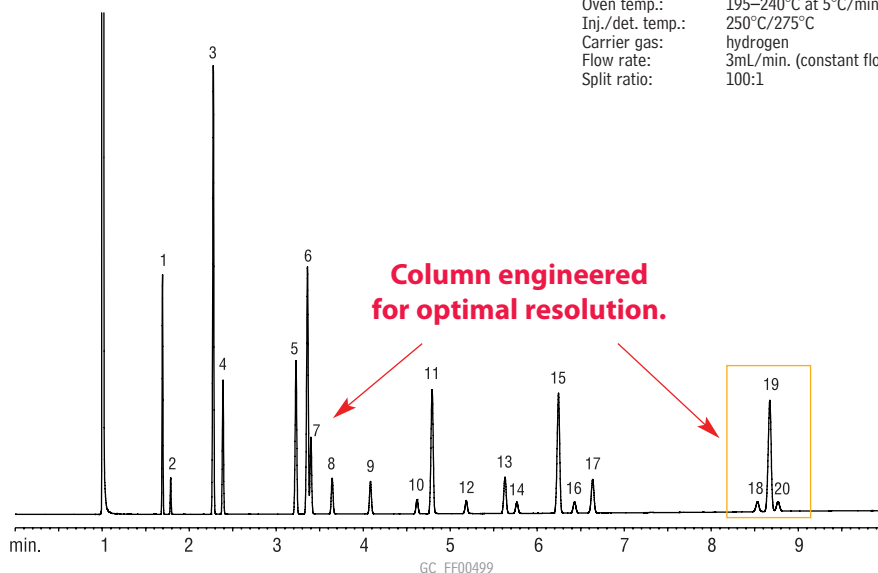
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|-----------------------|----------------|
| 1. C14:0 | 15. C18:4n3 |
| 2. C15:0 | 16. C20:0 |
| 3. C16:0 | 17. C20:1n7 |
| 4. C16:1 | 18. C20:1n9 |
| 5. C16:2 | 19. C20:4n6 |
| 6. C17:0 | 20. C20:4n3 |
| 7. C17:1 | 21. C20:5n3 |
| 8. C16:4 | 22. C22:1n7 |
| 9. C18:0 | 23. C21:5n3 |
| 10. C18:1 (oleate) | 24. C23:0 (IS) |
| 11. C18:1 (vaccenate) | 25. C22:5n6 |
| 12. C18:2n6 cis | 26. C22:5n3 |
| 13. C18:3n3 | 27. C22:6n3 |
| 14. C18:4n6 | 28. C24:1 |

FAMEs (Marine Oil Standard)

FAMEWAX

Column: FAMEWAX, 30m, 0.32mm ID, 0.25µm (cat.# 12498)
 Inj.: 1µL
 Conc.: 10,000µg/mL in isoctane (total FAMES; see breakdown in peak list)
 Oven temp.: 195–240°C at 5°C/min., 1 min. hold
 Inj./det. temp.: 250°C/275°C
 Carrier gas: hydrogen
 Flow rate: 3mL/min. (constant flow)
 Split ratio: 100:1

Column engineered for optimal resolution.



Peak List	Conc. (µg/mL)
1. C14:0	600
2. C14:1	100
3. C16:0	1,600
4. C16:1	500
5. C18:0	800
6. C18:1 (oleate)	1,300
7. C18:1 (vaccenate)	400
8. C18:2	200
9. C18:3	200
10. C20:0	100
11. C20:1	900
12. C20:2	100
13. C20:4	300
14. C20:3	100
15. C20:5	1,000
16. C22:0	100
17. C22:1	300
18. C24:0	100
19. C22:6	1,200
20. C24:1	100