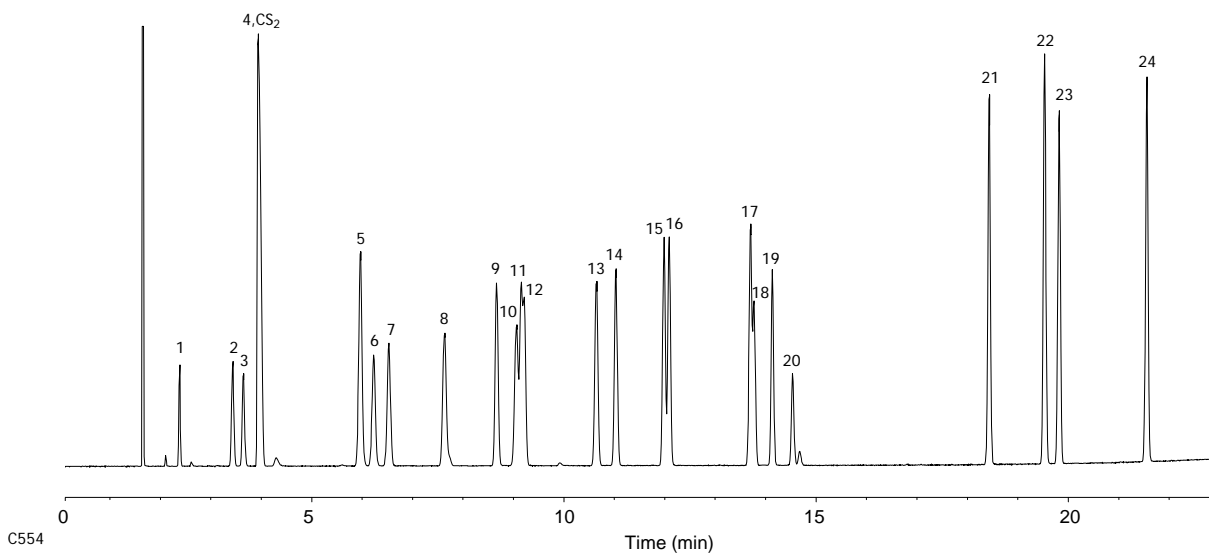


Esters

Column: DB-PS1
30 m x 0.53 mm I.D., 3.0 μ m
J&W P/N: 145-1034
Carrier: Helium at 30 cm/sec,
measured at 40°C
Oven: 40°C for 5 min
40-260°C at 10°/min
Injector: Split 1:10, 250°C
Detector: FID, 300°C
Nitrogen makeup gas
at 30 mL/min

- | | | |
|----------------------|--------------------------------|---------------------------|
| 1. Methyl formate | 10. <i>tert</i> -Butyl acetate | 18. Amyl acetate |
| 2. Ethyl formate | 11. Ethyl propionate | 19. 2-Ethoxyethyl acetate |
| 3. Methyl acetate | 12. Propyl acetate | 20. 2-Methylbutyl acetate |
| 4. Vinyl acetate | 13. <i>sec</i> -Butyl acetate | 21. Methyl benzoate |
| 5. Ethyl acetate | 14. Isobutyl acetate | 22. Benzyl acetate |
| 6. Propyl formate | 15. Propyl propionate | 23. Ethyl benzoate |
| 7. Methyl propionate | 16. Butyl acetate | 24. Propyl benzoate |
| 8. Isopropyl acetate | 17. Isoamyl acetate | |
| 9. Ethyl acrylate | | |



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