

GC CAPILLARY COLUMN APPLICATIONS: PETROCHEMICAL

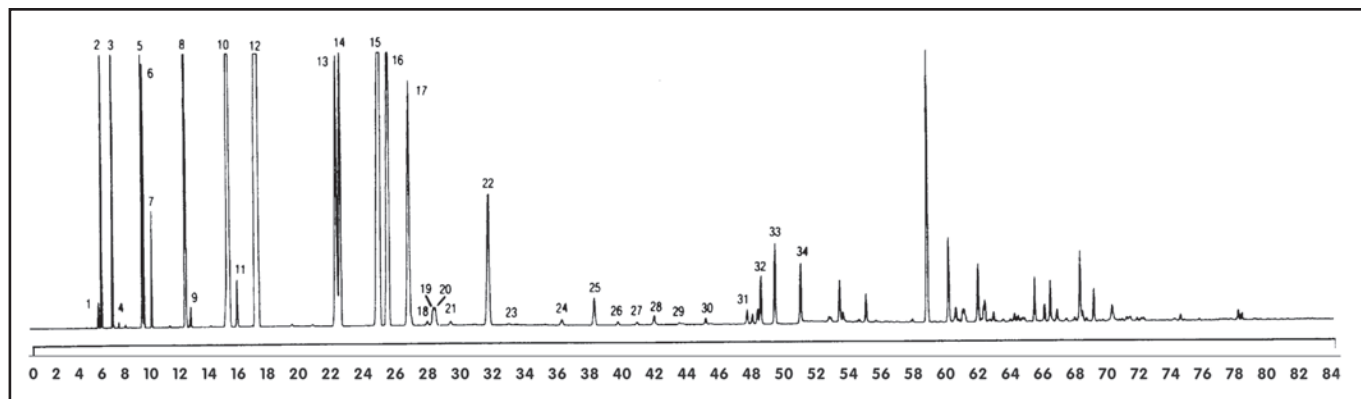
Reference Alkylate Standard

COLUMN: 007-1,
Dimethylpolysiloxane
50M. x 0.25mm I.D. x
0.5µm film
Cat. No.: 007-1-50-0.5F
Temperature: 35° (30.0 min. hold)
(2°/min.) - 200°C hold
Injector: 200°C
Detector: 250°C, FID
Carrier Gas: 20.3 cm/sec., Helium

1. isobutane
2. butane
3. isopentane
4. pentane
5. 2,3-dimethylbutane
6. 2-methylpentane
7. 3-methylpentane
8. 2,4-dimethylpentane
9. 2,2,3-trimethylbutane
10. 2,3-dimethylpentane
11. 3-methylhexane
12. 2,2,4-trimethylpentane
13. 2,5-dimethylhexane and 2,2,3-

- trimethylpentane
14. 2,4-dimethylhexane
15. 2,3,4-trimethylpentane
16. 2,3,3-trimethylpentane
17. 2,3-dimethylhexane
18. 2-methylheptane
19. 4-methylheptane and 3,4-
- dimethylhexane
20. 3,4-dimethylhexane
21. 3-methylheptane
22. 2,2,5-trimethylhexane
23. 2,2,4-trimethylhexane
24. 2,4,4-trimethylhexane

25. 2,3,5-trimethylhexane
26. 2,4-dimethylheptane
27. 2,6-dimethylheptane
28. 2,5-dimethylheptane
29. 2,3,4-trimethylhexane
30. 2,3-dimethylheptane
31. 2,4,6-trimethylhexane
32. unidentified trimethylhexane
33. unidentified trimethylhexane
34. unidentified trimethylhexane
stereoisomers



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