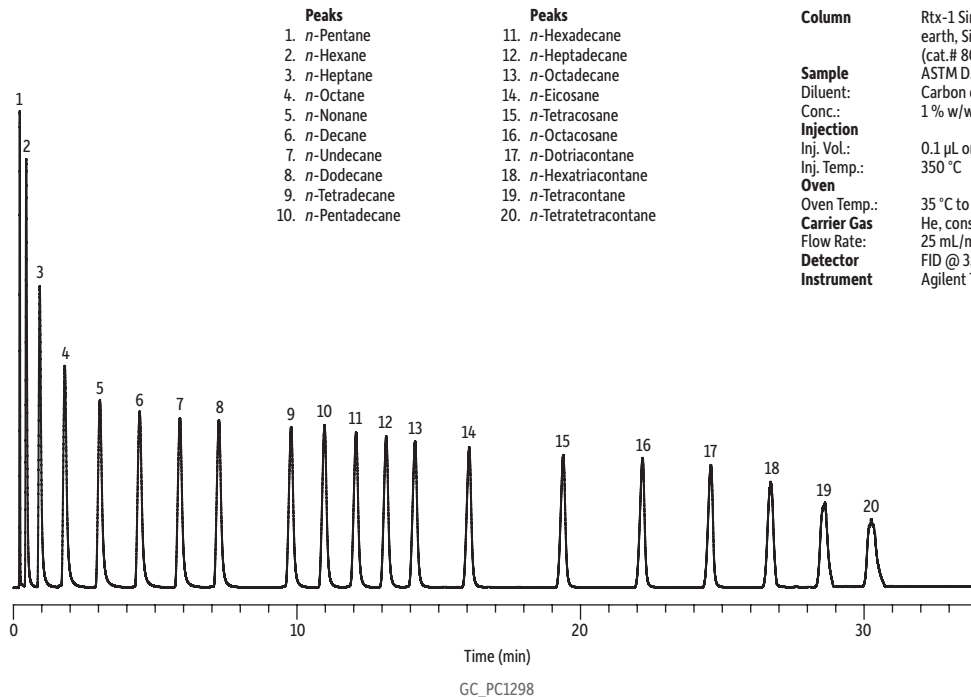


Simulated Distillation on Rtx-1 SimDist 2887 (Packed Column) by ASTM D2887



- | Peaks | |
|---------------------------|---------------------------------|
| 1. <i>n</i> -Pentane | 11. <i>n</i> -Hexadecane |
| 2. <i>n</i> -Hexane | 12. <i>n</i> -Heptadecane |
| 3. <i>n</i> -Heptane | 13. <i>n</i> -Octadecane |
| 4. <i>n</i> -Octane | 14. <i>n</i> -Eicosane |
| 5. <i>n</i> -Nonane | 15. <i>n</i> -Tetracosane |
| 6. <i>n</i> -Decane | 16. <i>n</i> -Octacosane |
| 7. <i>n</i> -Undecane | 17. <i>n</i> -Dotriacontane |
| 8. <i>n</i> -Dodecane | 18. <i>n</i> -Hexatriacontane |
| 9. <i>n</i> -Tetradecane | 19. <i>n</i> -Tetracontane |
| 10. <i>n</i> -Pentadecane | 20. <i>n</i> -Tetratetracontane |

Column Rtx-1 SimDist 2887, 100/120 mesh on diatomaceous earth, SilcoSmooth tubing, 25 in, 1/8 in OD, 2.0 mm ID (cat.# 80000-800)

Sample ASTM D2887-12 calibration standard (cat.# 31674)

Diluent: Carbon disulfide

Conc.: 1 % w/w

Injection

Inj. Vol.: 0.1 μ L on-column

Inj. Temp.: 350 °C

Oven

Oven Temp.: 35 °C to 350 °C at 10 °C/min (hold 5 min)

Carrier Gas He, constant flow

Flow Rate: 25 mL/min

Detector FID @ 350 °C

Instrument Agilent 7890B GC