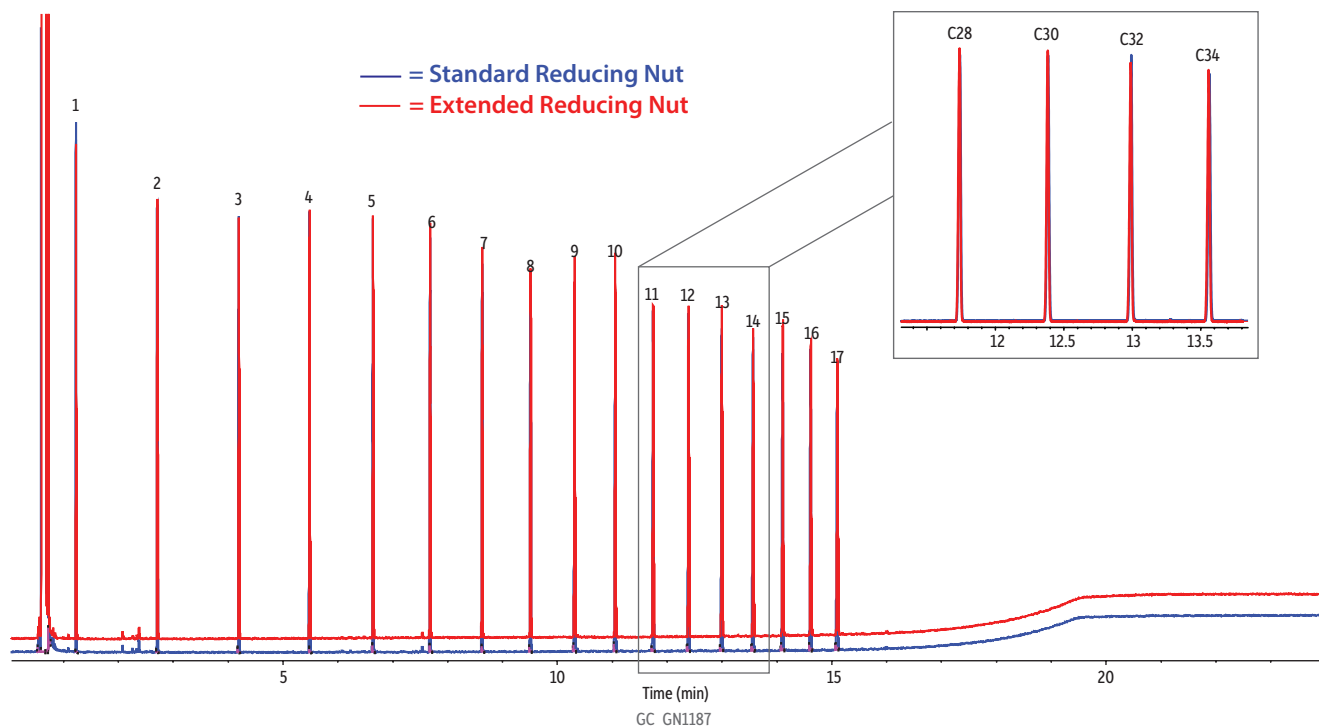


Comparison: Agilent Inlet Reducing Nut vs. Restek Extended 8 mm Reducing Nut

Peaks	tR (min)
1. Octane	1.23
2. Decane	2.70
3. Dodecane	4.18
4. Tetradecane	5.48
5. Hexadecane	6.64
6. Octadecane	7.68
7. Eicosane	8.63
8. Docosane	9.50
9. <i>n</i> -Tetracosane	10.30
10. <i>n</i> -Hexacosane	11.04
11. <i>n</i> -Octacosane	11.73
12. <i>n</i> -Triacosane	12.38
13. <i>n</i> -Dotriacontane	12.98
14. <i>n</i> -Tetratriacontane	13.55
15. <i>n</i> -Hexatriacontane	14.09
16. <i>n</i> -Octatriacontane	14.60
17. <i>n</i> -Tetracontane	15.08



Column Rxi-1HT, 15 m, 0.32 mm ID, 0.10 µm (cat.# 13953)
Sample Florida TRPH standard (cat.# 31266)
Diluent: Hexane
Conc.: 50 ppm 1 ng on column
Injection
Inj. Vol.: 1 µL split (split ratio 50:1)
Liner: Premium 4.0 mm ID Precision inlet liner w/wool (cat.#23305)
Inj. Temp.: 300 °C
Split Vent Flow
Rate: 114 mL/min
Oven
Oven Temp.: 40 °C (hold 1.0 min) to 400 °C at 20 °C/min
Carrier Gas He, constant flow
Flow Rate: 2.3 mL/min
Linear Velocity: 55 cm/sec @ 40 °C
Detector FID @ 400 °C
Make-up Gas
Flow Rate: 45 mL/min
Make-up Gas
Type: N₂
Hydrogen flow: 40 mL/min
Air flow: 450 mL/min
Data Rate: 50 Hz
Instrument Agilent/HP6890 GC