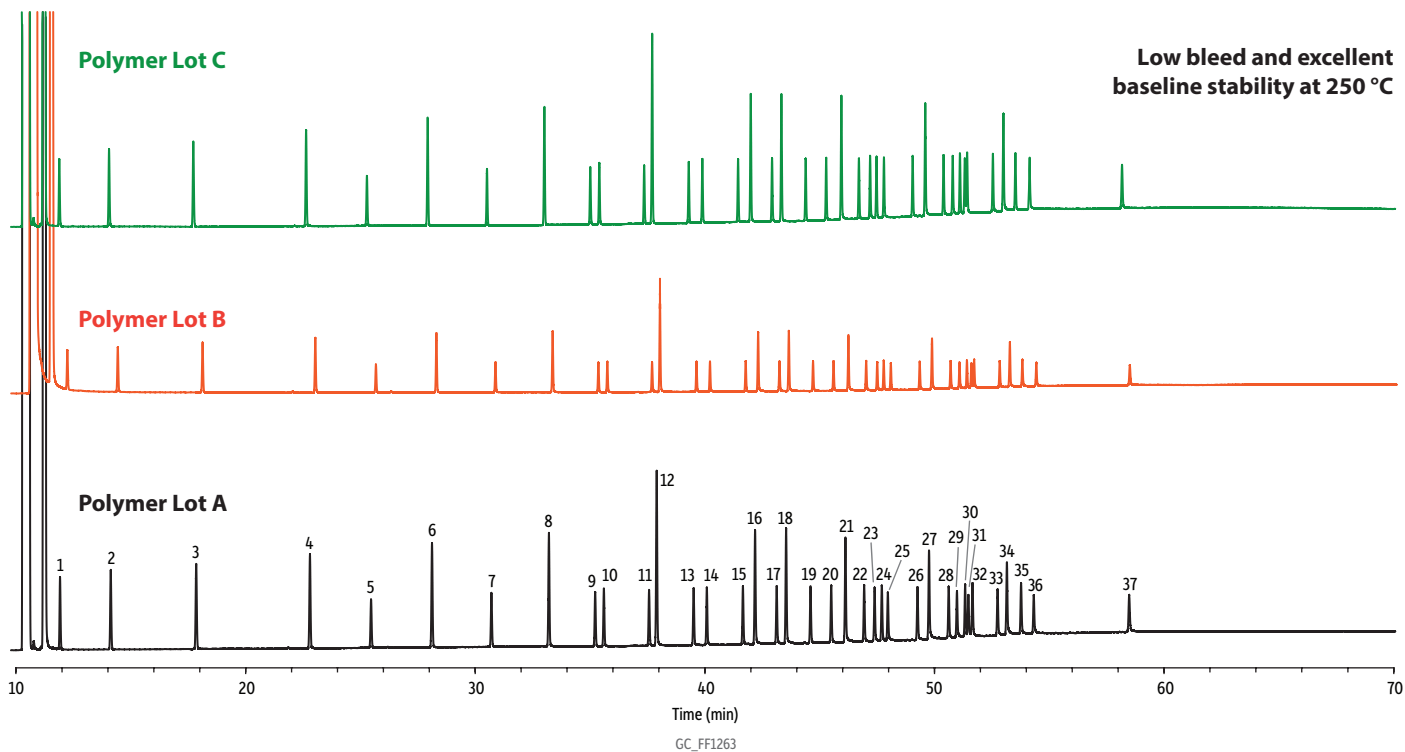


Lot-to-Lot Reproducibility of the Rt-2560 Stationary Phase Polymer



Peaks	t _R (min)	Conc. (µg/mL)	Structural Nomenclature
1. Methyl butyrate	11.92	40	C4:0
2. Methyl caproate	14.13	40	C6:0
3. Methyl octanoate	17.85	40	C8:0
4. Methyl decanoate	22.80	40	C10:0
5. Methyl undecanoate	25.46	20	C11:0
6. Methyl dodecanoate	28.12	40	C12:0
7. Methyl tridecanoate	30.71	20	C13:0
8. Methyl myristate	33.21	40	C14:0
9. Methyl myristoleate	35.22	20	C14:1 (c9)
10. Methyl pentadecanoate	35.60	20	C15:0
11. Methyl pentadecenoate	37.57	20	C15:1 (c10)
12. Methyl palmitate	37.90	60	C16:0
13. Methyl palmitoleate	39.51	20	C16:1 (c9)
14. Methyl heptadecanoate	40.09	20	C17:0
15. Methyl heptadecenoate	41.66	20	C17:1 (c10)
16. Methyl stearate	42.19	40	C18:0
17. Methyl octadecenoate	43.13	20	C18:1 (t9)
18. Methyl oleate	43.54	40	C18:1 (c9)
19. Methyl linoleaidate	44.60	20	C18:2 (t9,t12)
20. Methyl linoleate	45.50	20	C18:2 (c9,c12)
21. Methyl arachidate	46.12	40	C20:0
22. Methyl linolenate	46.94	20	C18:3 (c6,c9,c12)
23. Methyl eicosenoate	47.39	20	C20:1 (c11)
24. Methyl linolenate	47.71	20	C18:3 (c9,c12,c15)
25. Methyl heneicosanoate	47.97	20	C21:0
26. Methyl eicosadienoate	49.26	20	C20:2 (c11,c14)
27. Methyl behenate	49.77	40	C22:0
28. Methyl eicosatrienoate	50.62	20	C20:3 (c8,c11,c14)
29. Methyl erucate	50.98	20	C22:1 (c13)
30. Methyl eicosatrienoate	51.34	20	C20:3 (c11,c14,c17)
31. Methyl tricosanoate	51.48	20	C23:0
32. Methyl arachidonate	51.66	20	C20:4 (c5,c8,c11,c14)
33. Methyl docosadienoate	52.75	20	C22:2 (c13,c16)
34. Methyl lignocerate	53.16	40	C24:0
35. Methyl eicosapentaenoate	53.77	20	C20:5 (c5,c8,c11,c14,c17)
36. Methyl nervonate	54.33	20	C24:1 (C15)
37. Methyl docosahexaenoate	58.48	20	C22:6 (c4,c7,c10,c13,c16,c19)

Column Rt-2560, 100 m, 0.25 mm ID, 0.20 µm (cat.# 13198)
Sample Food industry FAME mix (cat.# 35077)
Diluent: Hexane/dichloromethane
Conc.: 1,000 µg/mL
Injection
 Inj. Vol.: 1 µL split (split ratio 20:1)
 Liner: Premium 4 mm Precision liner w/wool (cat.# 23305)
 Inj. Temp.: 225 °C
Oven
 Oven Temp.: 100 °C (hold 4 min) to 250 °C at 3 °C/min (hold 30 min)
Carrier Gas He, constant flow
Flow Rate: 1.3 mL/min
Detector FID @ 285 °C
Make-up Gas Flow Rate: 30 mL/min
Make-up Gas Type: N₂
Hydrogen flow: 30 mL/min
Air flow: 300 mL/min
Data Rate: 50 Hz
Instrument Agilent 7890B GC