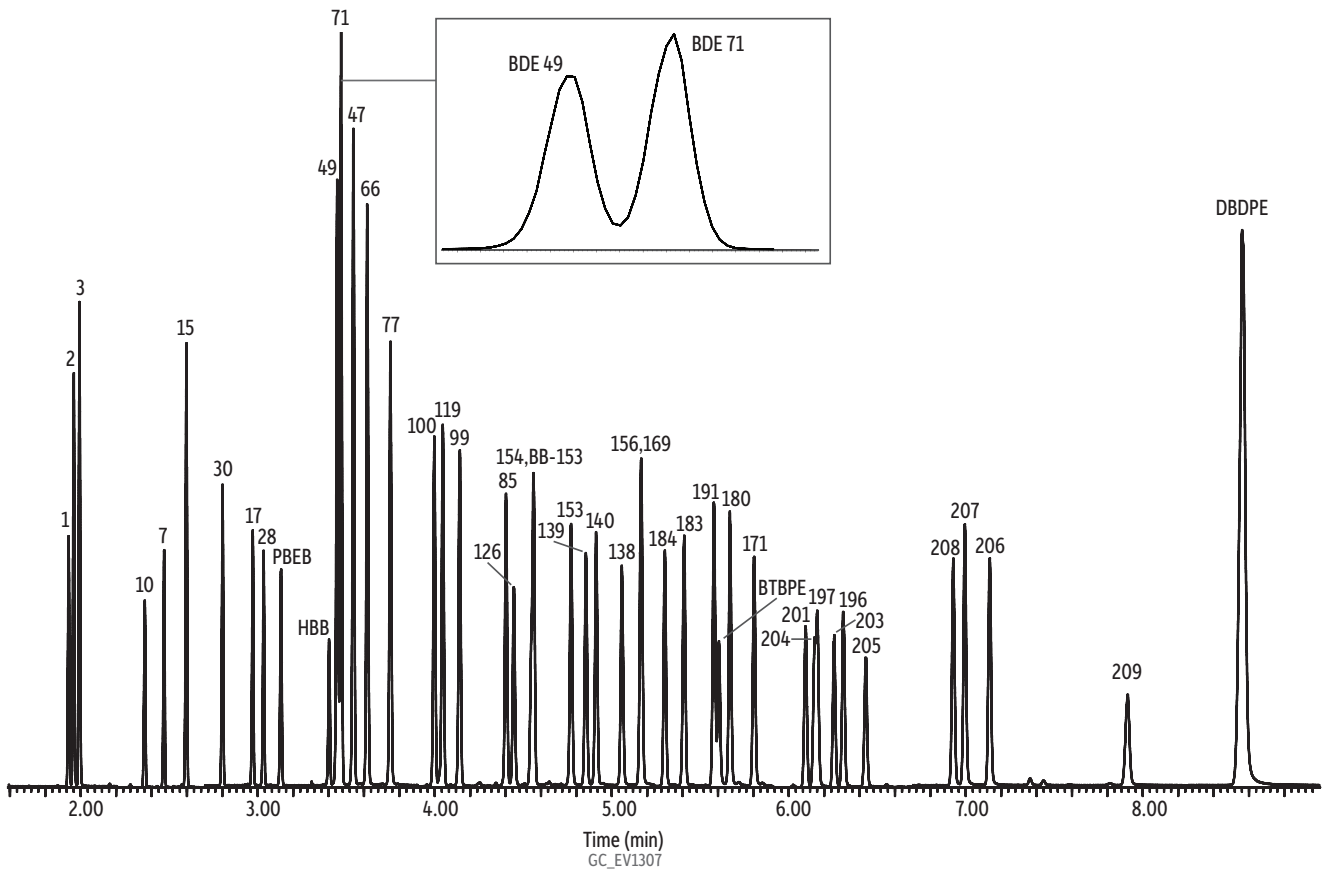


# Brominated Flame Retardants on Rtx-1614 After Twelve Loops Were Trimmed Off

Peaks	Conc. (ng/mL)	Peaks	Conc. (ng/mL)
1. BDE 1	200	24. BDE 153	400
2. BDE 2	200	25. BDE 139	400
3. BDE 3	200	26. BDE 140	400
4. BDE 10	200	27. BDE 138	400
5. BDE 7	200	28. BDE 156	400
6. BDE 15	200	29. BDE 169	400
7. BDE 30	200	30. BDE 184	800
8. BDE 17	200	31. BDE 183	800
9. BDE 28	200	32. BDE 191	800
10. Pentabromoethylbenzene (PBEB)	200	33. BTBPE	400
11. Hexabromobenzene (HBB)	200	34. BDE 180	800
12. BDE 49	400	35. BDE 171	800
13. BDE 71	400	36. BDE 201	800
14. BDE 47	400	37. BDE 204	800
15. BDE 66	400	38. BDE 197	800
16. BDE 77	400	39. BDE 203	800
17. BDE 100	400	40. BDE 196	800
18. BDE 119	400	41. BDE 205	800
19. BDE 99	400	42. BDE 208	2,000
20. BDE 85	400	43. BDE 207	2,000
21. BDE 126	400	44. BDE 206	2,000
22. BB-153	400	45. BDE 209	2,000
23. BDE 154	400	46. DBDPE	4,000



**Column** Rtx-1614, 7.9 m, 0.25 mm ID, 0.10 µm (cat.# 10296)  
**Sample** Native PBDEs/BFRs (Wellington Laboratories) (cat.# BFR-PAR)  
**Diluent:** Nonane/toluene  
**Injection**  
**Inj. Vol.:** 1.0 µL splitless (hold 1.0 min)  
**Liner:** Premium 4 mm cyclo double taper (cat.# 23310)  
**Inj. Temp.:** 340 °C  
**Oven**  
**Oven Temp.:** 75 °C (hold 0.3 min) to 210 °C at 52 °C/min to 310 °C at 23 °C/min (hold 1.4 min)  
**Carrier Gas** He, constant flow  
**Flow Rate:** 1.6 mL/min  
**Detector** MS  
**Mode:** SIM  
**Transfer Line**  
**Temp.:** 330 °C  
**Analyzer Type:** Quadrupole  
**Source Temp.:** 350 °C  
**Quad Temp.:** 200 °C  
**Instrument** Agilent 7890A GC & 5975C MSD  
**Notes** Cat.# 10296 is a 15 m column. Twelve loops were trimmed off the column for a final column length of 7.9 m.