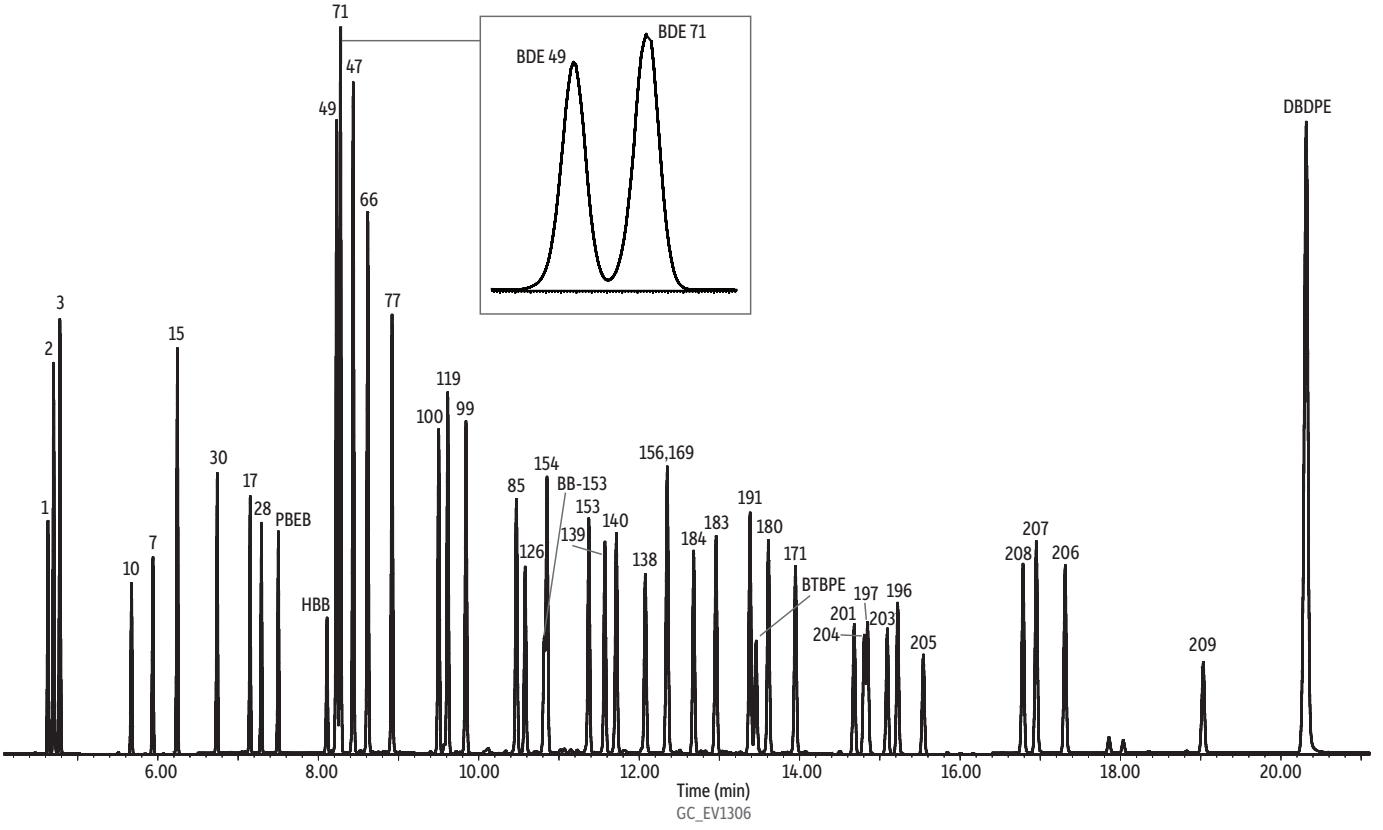
Brominated Flame Retardants on Rtx®-1614 After Approximately Two Loops Were Trimmed Off

Peaks	t_R (min)	Conc. (ng/mL)
1. BDE 1	4.63	200
2. BDE 2	4.70	200
3. BDE 3	4.78	200
4. BDE 10	5.67	200
5. BDE 7	5.94	200
6. BDE 15	6.24	200
7. BDE 30	6.74	200
8. BDE 17	7.15	200
9. BDE 28	7.29	200
10. Pentabromoethylbenzene (PBEB)	7.50	200
11. Hexabromobenzene (HBB)	8.11	200
12. BDE 49	8.23	400
13. BDE 71	8.28	400
14. BDE 47	8.44	400
15. BDE 66	8.62	400
16. BDE 77	8.92	400
17. BDE 100	9.50	400
18. BDE 119	9.62	400
19. BDE 99	9.84	400
20. BDE 85	10.47	400
21. BDE 126	10.58	400
22. BB-153	10.82	400
23. BDE 154	10.85	400
24. BDE 153	11.37	400
25. BDE 139	11.57	400
26. BDE 140	11.72	400
27. BDE 138	12.08	400
28. BDE 156	12.35	400
29. BDE 169	12.35	400
30. BDE 184	12.68	800
31. BDE 183	12.96	800
32. BDE 191	13.38	800
33. BTBPE	13.46	400
34. BDE 180	13.61	800
35. BDE 171	13.95	800
36. BDE 201	14.68	800
37. BDE 204	14.81	800
38. BDE 197	14.85	800
39. BDE 203	15.09	800
40. BDE 196	15.22	800
41. BDE 205	15.54	800
42. BDE 208	16.79	2,000
43. BDE 207	16.95	2,000
44. BDE 206	17.31	2,000
45. BDE 209	19.03	2,000
46. DBDPE	20.32	4,000



Column	Rtx®-1614, 14.4 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.# 23310.5)
Inj. Temp.:	340 °C
Oven	
Oven Temp.:	75 °C (hold 0.9 min) to 210 °C at 21 °C/min to 310 °C at 9 °C/min (hold 3.6 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. Two loops were trimmed off the column for a final column length of 14.4 m.

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