

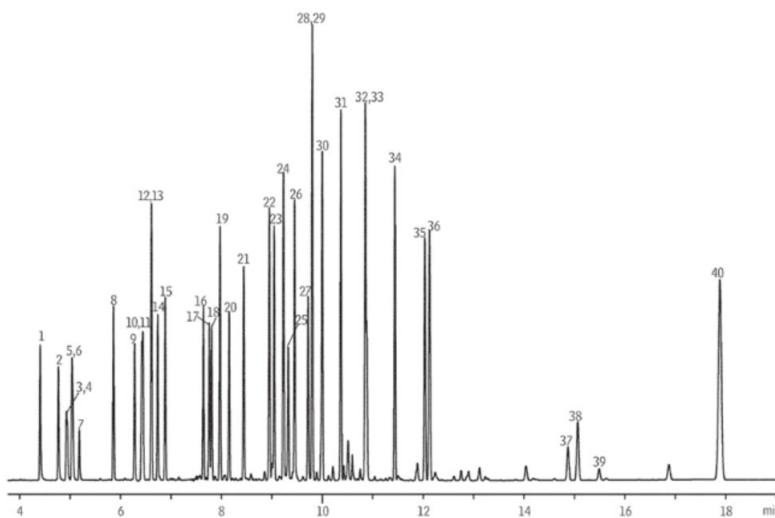
**CoreFocus**  
Report  
No. 414

GC      ECD      SH Series

**SH-1614**

**Analysis of Brominated Flame Retardants**

**Keywords:** environment, BFR, restricted substances, RoHS



1. BDE-10	21. BDE-77
2. BDE-7	22. BDE-100
3. BDE-8	23. BDE-119
4. BDE-11	24. BDE-99
5. BDE-12	25. BDE-116
6. BDE-13	26. BDE-118
7. BDE-15	27. BDE-85
8. BDE-30	28. BDE-155
9. BDE-32	29. BDE-126
10. BDE-17	30. BDE-154
11. BDE-25	31. BDE-153
12. BDE-28	32. BDE-138
13. BDE-33	33. BDE-166
14. BDE-35	34. BDE-183
15. BDE-37	35. BDE-181
16. BDE-75	36. BDE-190
17. BDE-49	37. BDE-208
18. BDE-71	38. BDE-207
19. BDE-47	39. BDE-206
20. BDE-66	40. BDE-209

(100 - 300 ppb PBDE PAR Solution,  
500 ppb Decabromodiphenyl ether)

Instrument	: GC
Column	: SH-1614 (15 m x 0.25 mmI.D. df = 0.10 $\mu$ m), P/N: 227-36265-01
Column Temp.	: 120 °C (1 min) - 15 °C/min - 275 °C - 5 °C/min - 300 °C (5 min)
Carrier Gas	: He, constant linear velocity 60 cm/s
Inj. Temp.	: 340 °C
Detector	: ECD, 345 °C
Inj. Vol.	: 1 $\mu$ L splitless (hold 1 min)

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