

Capillary Columns

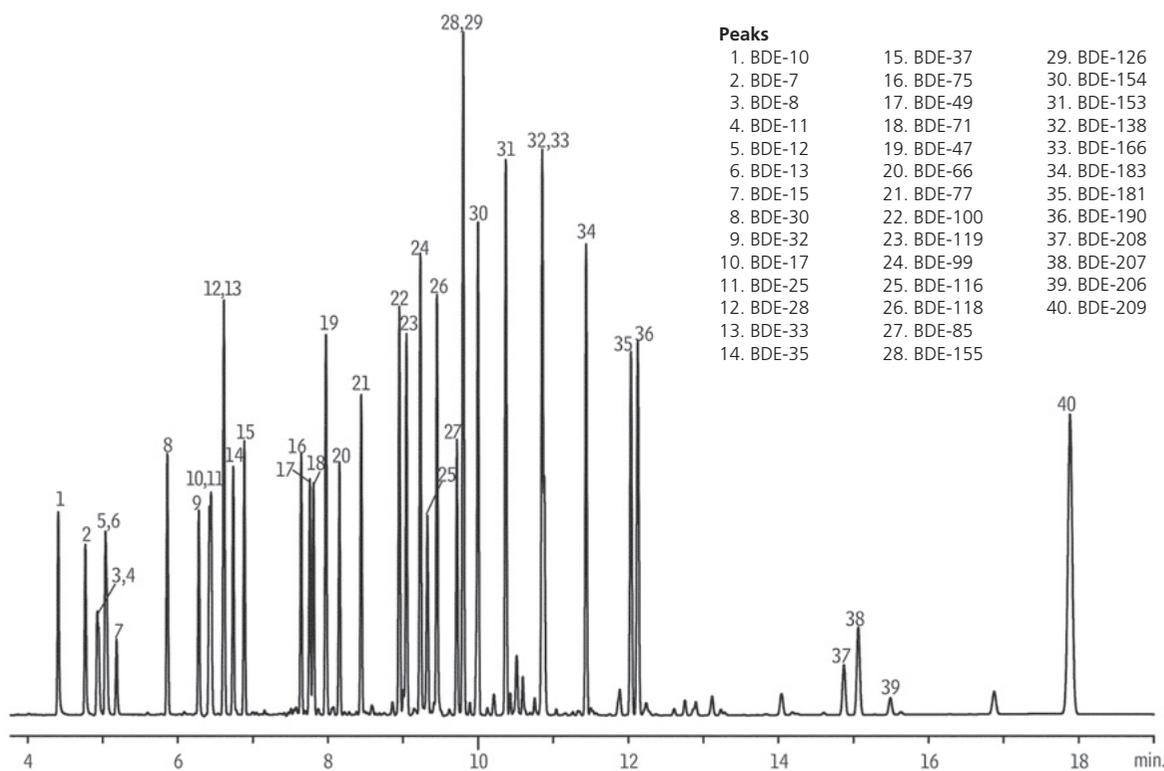
Dedicated Columns

SH-Rtx™-1614

- 5% diphenyl / 95% dimethyl polysiloxane
- Optimized for PBDE analysis by EPA Method 1614.
- Short column option resolves BDE-209 three times faster, with less thermal breakdown.
- Unique deactivation gives higher BDE-209 response than competitor columns, for greater analytical sensitivity.
- Exceeds EPA Method 1614 resolution criteria for BDE-49 and BDE-71.

ID	df	Temp. Range	15 m	30 m
0.25 mm	0.10 µm	-60 to 330/360 °C	227-36265-01	227-36265-02

Brominated Flame Retardants



Conditions

Column: SH-Rtx™-1614, 15 m, 0.25 mm ID, 0.10 µm (P/N: 227-36265-01)
 Sample: 100-300 ppb PBDE PAR Solution
 500 ppb decabromodiphenyl ether
 Inj. Vol.: 1 µL splitless (hold 1 min),
 Inj. Temp: 340 °C
 Carrier Gas: He, constant flow, linear velocity 60 cm/sec., 120 °C
 Oven Temp: 120 °C (hold 1 min) to 275 °C at 15 °C/min to 300 °C at 5 °C/min (hold 5 min)
 Detector: µ-ECD, 345 °C