

PBDEs including BDE-209 on Zebron ZB-SemiVolatiles

Column: Zebron[™] ZB-SemiVolatiles, GC Cap. Column 20 m x 0.18 mm x 0.18 μm, Ea

Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane (Enviro-Inert)

Dimensions: 20 meters x 0.18 mm x 0.18 μm

Order No: 7FD-G027-08

Oven Profile: 70 °C for 1.25 min to 240 °C @ 20 °C/min to 320 °C @ 50 °C/min for 18 min.

Carrier Gas: Constant Flow Helium, 0.85 mL/min

Injection: Splitless :1 5 μL @ 85°C

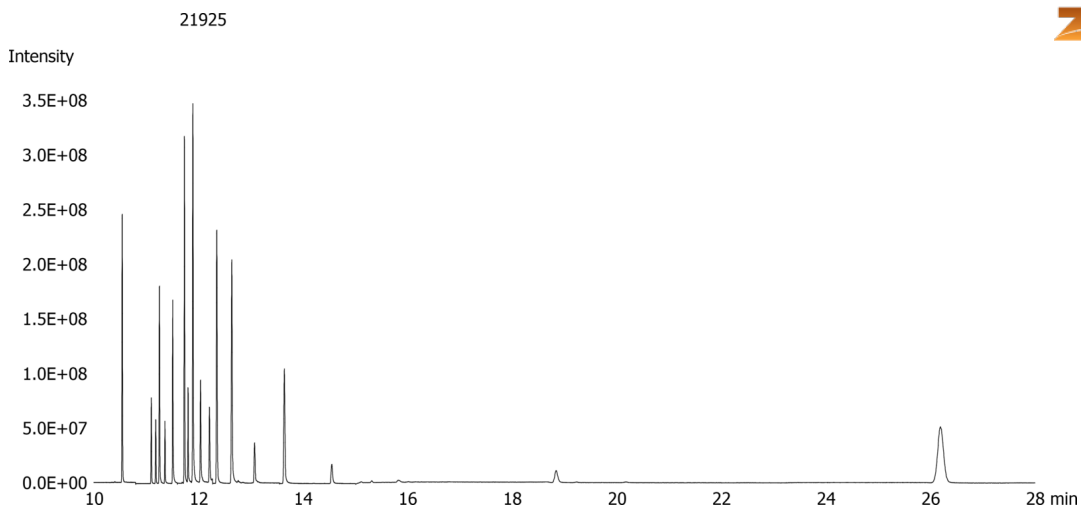
Detection: High Res Mass Spec (HRMS) (325°C)

Analyst Note: Used a PTV in Solvent Vent Mode with temperature program to 320 in 2 min.

Application courtesy of Panu Rantakokko @ National Institute for Health and Welfare, Finland



Products used in this application:



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ANALYTES:

- 1 13C-BDE-28
- 2 BDE-28
- 3 BDE-75
- 4 BDE-71
- 5 13C-BDE-47
- 6 BDE-47
- 7 BDE-66
- 8 13C-BDE-77
- 9 BDE-77
- 10 13C-BDE-100
- 11 BDE-100
- 12 BDE-119
- 13 13C-BDE-99
- 14 BDE-99
- 15 BDE-85
- 16 13C-BDE-154
- 17 BDE-154
- 18 13C-BDE-153
- 19 BDE-153
- 20 BDE-138
- 21 13C-BDE-183
- 22 BDE-190
- 23 13C-BDE-209
- 24 BDE-209

