

GC Application

ID No.: 26423

Filter Vial used in Separation of 23 PCB compounds on a 60m ZB-Dioxin GC column

Column: Zebtron™ ZB-Dioxin, GC Cap. Column 60m, 0.25mm, 0.20um, Ea

Phase:

Dimensions: 60 meters x 0.25 mm x 0.2 µm

Order No: 7KG-G045-10

Oven Profile: 100°C for 2 min to 300°C @ 6°C/min 300°C for 5 min

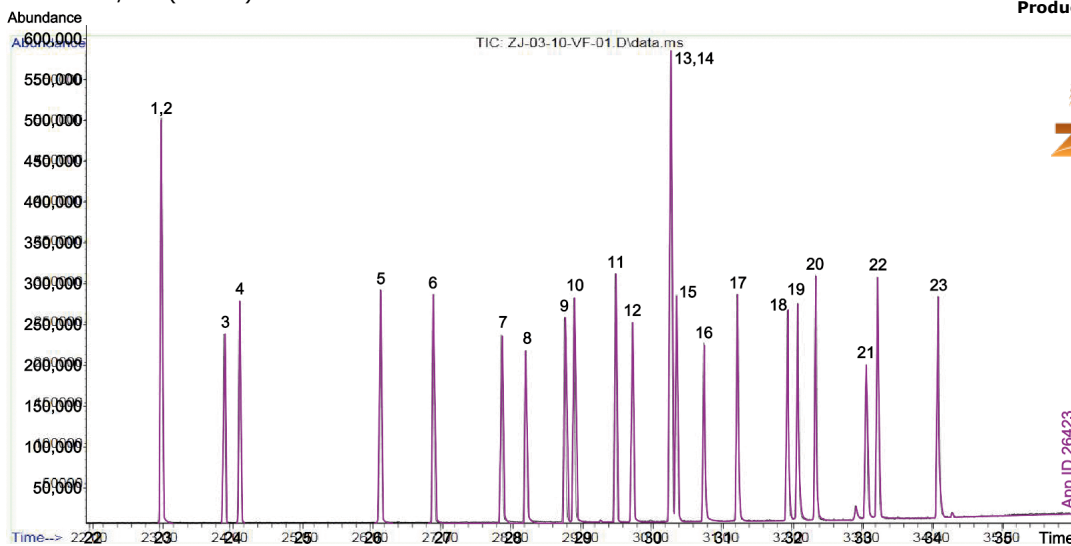
Carrier Gas: Constant Flow Helium, 2 mL/min

Injection: Splitless :1 1 µL @ 280°C

Detection: GC/MS (300°C)



Products used in this application:



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ANALYTES:

- 1 2,4',5-Trichlorobiphenyl
- 2 2,4,4'-Trichlorobiphenyl
- 3 2,3',4,6-Tetrachlorobiphenyl
- 4 2,2',5,5'-Tetrachlorobiphenyl
- 5 2,3',4',5-Tetrachlorobiphenyl
- 6 2,2',4,5,5'-Pentachlorobiphenyl
- 7 3,4,4',5-Tetrachlorobiphenyl
- 8 3,3',4,4'-Tetrachlorobiphenyl
- 9 2',3,4,4',5-Pentachlorobiphenyl
- 10 2,3',4,4',5-Pentachlorobiphenyl
- 11 2,2',4,4',5,5'-Hexachlorobiphenyl
- 12 2,3,3',4,4'-Pentachlorobiphenyl
- 13 2,3,3',4',5',6-Hexachlorobiphenyl
- 14 2,3,3',4',5,6-Hexachlorobiphenyl
- 15 2,2',3,4,4',5'-Hexachlorobiphenyl
- 16 3,3',4,4',5-Pentachlorobiphenyl
- 17 2,3',4,4',5,5'-Hexachlorobiphenyl
- 18 2,3,3',4,4',5-Hexachlorobiphenyl
- 19 2,3,3',4,4',5'-Hexachlorobiphenyl
- 20 2,2',3,4,4',5,5'-Heptachlorobiphenyl
- 21 3,3',4,4',5,5'-Hexachlorobiphenyl
- 22 2,2',3,3',4,4',5-Heptachlorobiphenyl
- 23 2,3,3',4,4',5,5'-Heptachlorobiphenyl

