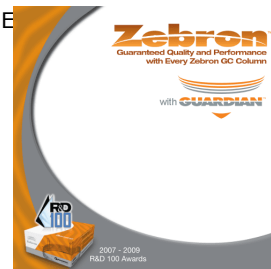
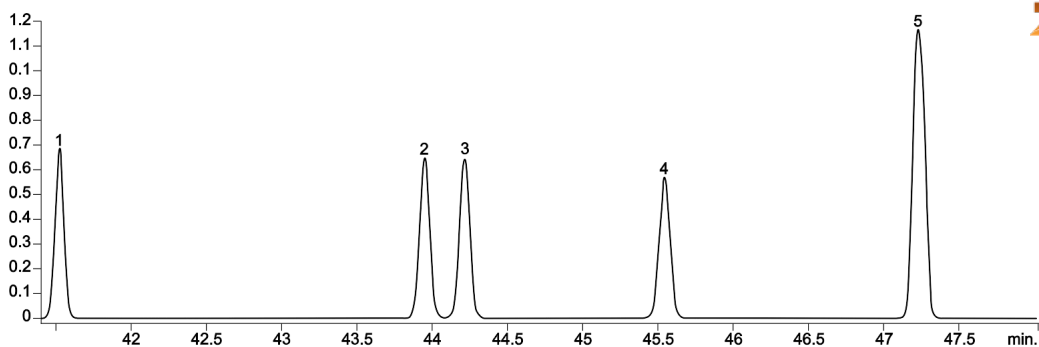


## GC-MS/MS Separation of Hexachlorodibenzofurans (HxCDF) on ZB-Dioxin GC column with 5m Zebtron Guardian

**Column:** Zebtron™ ZB-Dioxin w/GUARDIAN™, 5 m. GC Cap. Column 60 m x 0.25 mm x 0.20 µm, E  
**Phase:**  
**Dimensions:** 60 meters x 0.25 mm x 0.2 µm  
**Order No:** 7KG-G045-10-GGA  
**Oven Profile:** to 220°C @ 30°C/min 220°C for 15.5 min to 240°C @ 2°C/min 240°C for 4.5 min to 270°C @ 5°C/min 270°C for 5 min to 330°C @ 15°C/min  
**Carrier Gas:** Constant Flow Helium, 1.056 mL/min  
**Injection:** Splitless :1 1 µL @ 330°C  
**Detection:** GC/MS/MS (340°C)



Products used in this application:



### ANALYTES:

- 1** 1,2,3,4,7,8-HxCDF  
Retention Time: 41.1 min
- 2** 1,2,3,4,6,8-HxCDF  
Retention Time: 43.9 min
- 3** 1,2,3,6,7,8-HxCDF  
Retention Time: 44.3 min
- 4** 2,3,4,6,7,8-HxCDF  
Retention Time: 45.6 min
- 5** 1,2,3,7,8,9-HxCDF  
Retention Time: 47.2 min

