

GC-MS/MS Separation of 2,3,7,8-Tetrachlorodibenzofuran (TCDF) from its isomers on ZB-Dioxin GC column with

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

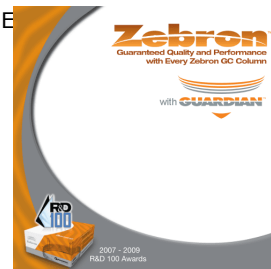
Order No: 7KG-G045-10-GGA

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

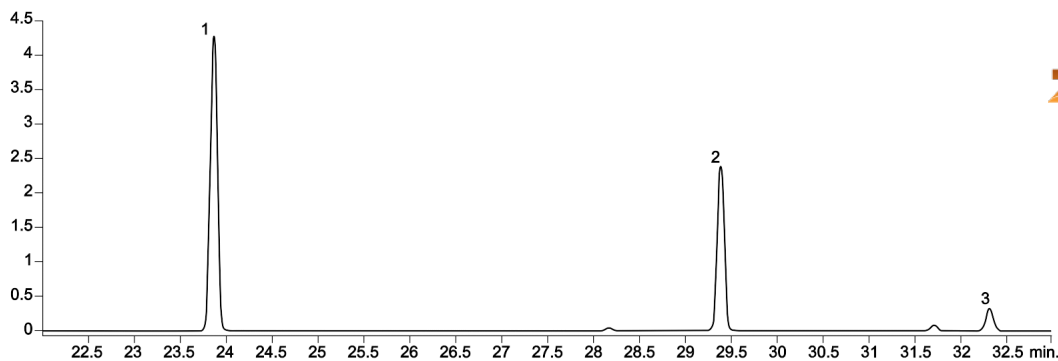
Carrier Gas: Constant Flow Helium, 1.056 mL/min

Injection: Splitless :1 1 μL @ 330°C

Detection: GC/MS/MS (340°C)



Products used in this application:



ANALYTES:

- 1** 1,3,6,8-TCDF
Retention Time: 23.7 min
- 2** 2,3,7,8-TCDF
Retention Time: 29.4 min
- 3** 1,2,8,9-TCDF
Retention Time: 32.4 min

