

# GC Application

ID No.: 26065

## GC-MS/MS Separation of HeptachlorodibenzoDioxin (HpCDD) on ZB-Dioxin GC column with 5m Zebron Guardian

**Column:** Zebron<sup>™</sup> ZB-Dioxin w/GUARDIAN<sup>™</sup>, 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 220°C @ 30°C/min 220°C for 15.5 min to 240°C @ 2°C/min 240°C for 4.5 min to 240°C @ 2°C/min

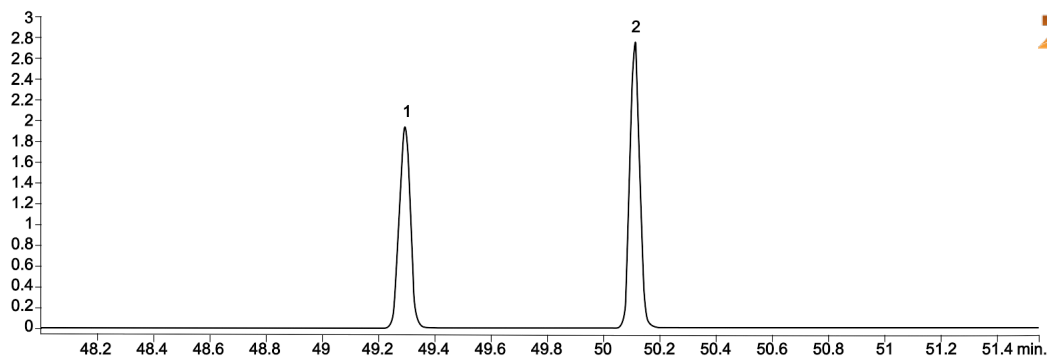
**Carrier Gas:** Constant Flow Helium, 1.056 mL/min

**Injection:** Splitless :1 1 μL @ 330°C

**Detection:** GC/MS/MS (340°C)



Products used in this application:



### ANALYTES:

**1** 1,2,3,4,6,7,9-HpCDD

Retention Time: 49.3 min

**2** 1,2,3,4,6,7,8-HpCDD

Retention Time: 50.1 min

