

## TCDD Separation using Zebron ZB-Dioxin GC Column

**Column:** Zebron™ 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:** 160°C for 2.4 min to 200°C @ 25°C/min to 220°C @ 5°C/min 220°C for 19 min to 288°C @ 4°C/min to 300°C @ 5°C/min 300°C for 7.6 min

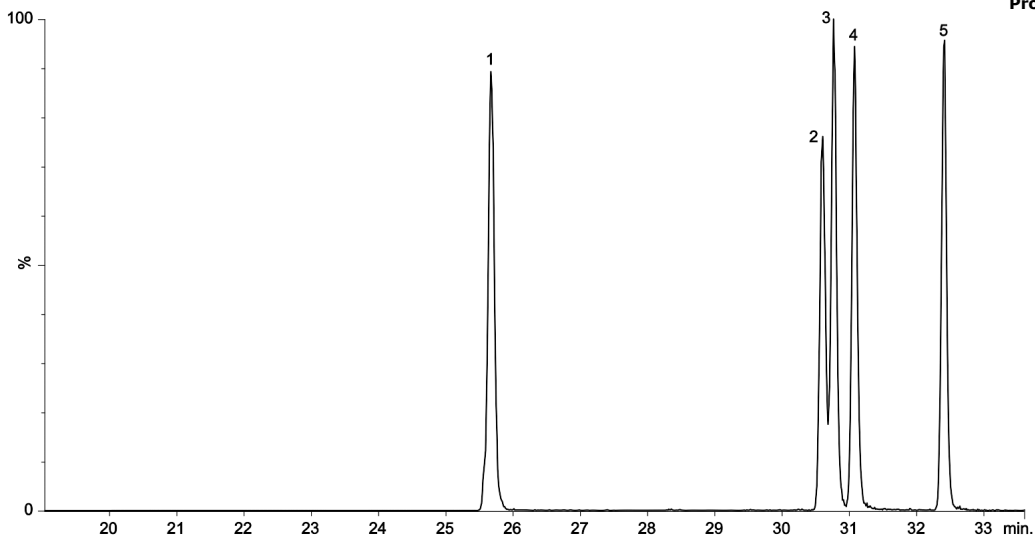
**Carrier Gas:** Constant Flow Helium, 1.25 mL/min

**Injection:** Splitless :1 1 µL @ 280°C

**Detection:** GC/MS (300°C)



Products used in this application:



### ANALYTES:

- 1** 1,3,6,8-TCDD  
Retention Time: 25.65 min
- 2** 1,2,3,7-TCDD  
Retention Time: 30.58 min
- 3** 1,2,3,8-TCDD  
Retention Time: 30.75 min
- 4** 2,3,7,8-TCDD  
Retention Time: 31.07 min
- 5** 1,2,8,9-TCDD  
Retention Time: 32.41 min

