

# GC Application

ID No.: 26014

## TCDD, TCDF and PeCDF and its isotope Separation on Zebron ZB-Dioxin GC Column

**Column:** Zebron<sup>™</sup> 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

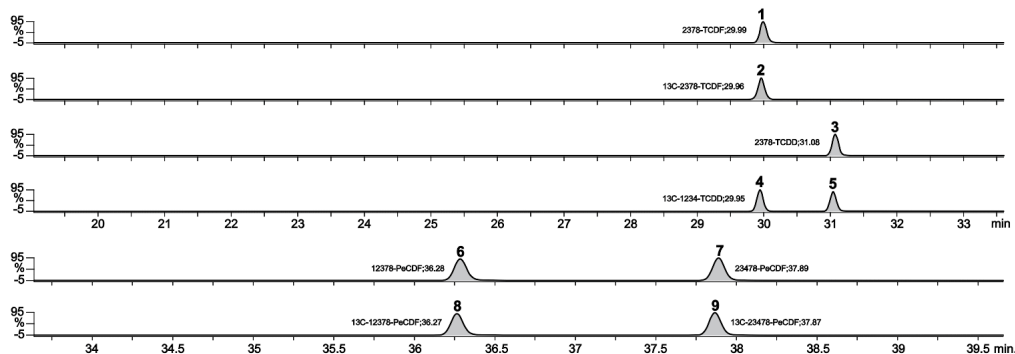
**Carrier Gas:** Constant Flow Helium, 1.25 mL/min

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

**Detection:** GC/MS (300°C)



Products used in this application:



## TCDD, TCDF and PeCDF and its isotope Separation on Zebron ZB-Dioxin GC Column

### ANALYTES:

- 1 2,3,7,8-TCDF
- 2 13C-2,3,7,8-TCDF
- 3 2,3,7,8-TCDD
- 4 13C-1,2,3,4-TCDD
- 5 13C-2,3,7,8-TCDD
- 6 1,2,3,7,8-PeCDF
- 7 2,3,4,7,8-PeCDF
- 8 13C-1,2,3,7,8-PeCDF
- 9 13C-2,3,4,7,8-PeCDF
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 30
- 31

