

GC Application

ID No.: 26014

TCDD, TCDF and PeCDF and its isotope Separation on 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

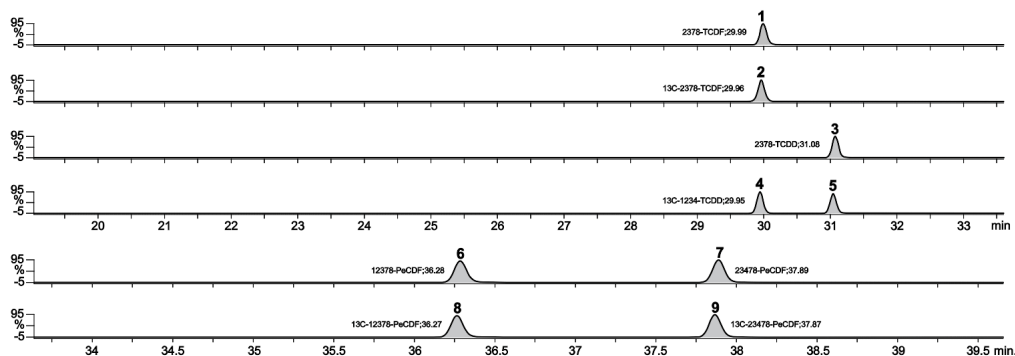
Carrier Gas: Constant Flow Helium, 1.25 mL/min

Injection: Splitless :1 1 μL @ 280°C

Detection: GC/MS (300°C)



Products used in this application:



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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
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