GC Application ID No.: **26056**



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

Zebron™ 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:

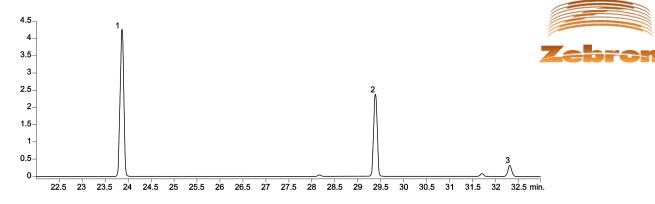
Splitless: 1 1 µL @ 330°C

Detection:

GC/MS/MS (340°C)



Products used in this application:



ANALYTES:

1,3,6,8-TCDF

Retention Time: 23.7 min

2 2,3,7,8-TCDF

Retention Time: 29.4 min

1,2,8,9-TCDF

Retention Time: 32.4 min

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