

GC Application

ID No.: 26065

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

Column: Zebron[™] ZB-Dioxin w/GUARDIAN[™], 5 m. GC Cap. Column 60 m x 0.25 mm x 0.20 μ m, E

Phase:

Dimensions: 60 meters x 0.25 mm x 0.2 μ m

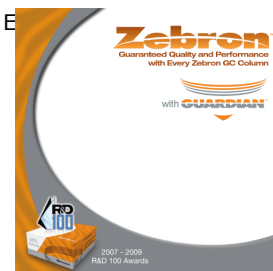
Order No: 7KG-G045-10-GGA

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

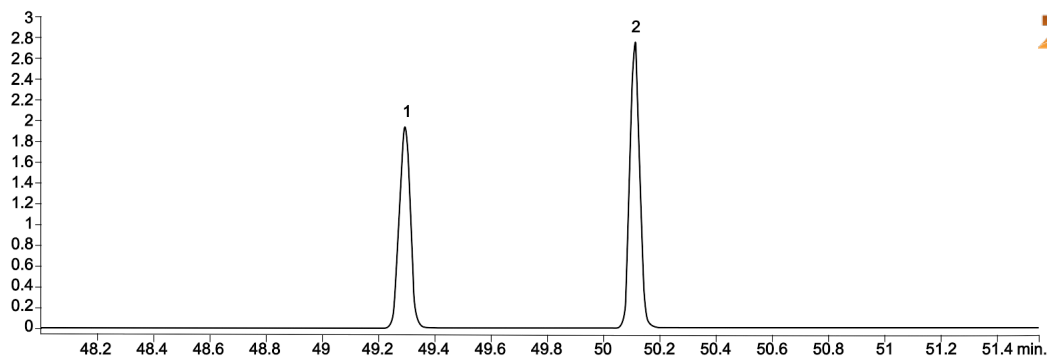
Carrier Gas: Constant Flow Helium, 1.056 mL/min

Injection: Splitless :1 1 μ L @ 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

