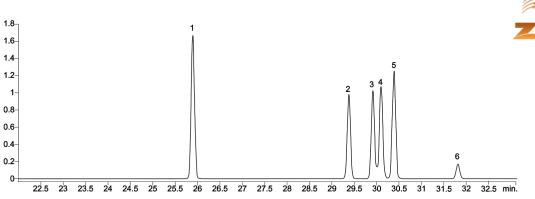
GC Application ID No.: 26055



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

Column: Phase: Dimensions: Order No: Oven Profile:	Zebron TM ZB-Dioxin w/GUARDIAN TM , 5 m. GC Cap. Column 60 m x 0.25 mm x 0.20 60 meters x 0.25 mm x 0.2 μ m 7KG-G045-10-GGA 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	2017 500
Injection:	Splitless :1 1 μL @ 330°C	RC 100 Auess
Detection:	GC/MS/MS (340°C)	Products used in this application:



ANALYTES:

- 1,3,6,8-TCDD 1 Retention Time: 25.56 min
- 2 1,2,3,4-TCDD Retention Time: 29.3 min
- 1,2,3,7 / 1,2,3,8-TCDD 3 Retention Time: 29.5 min
- 4 1,2,3,9-TCDD Retention Time: 30.3 min
- 5 2,3,7,8-TCDD Retention Time: 30.38 min
- 6 1,2,8,9-TCDD Retention Time: 31.7 min

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