## GC Application ID No.: 15584



## Tetra-Chlorinated Dioxins on 785ms 60v0 25v0 25

Tetra-Chlorinated Dioxins on ZB5ms 60x0.25x0.25		
Column: Phase: Dimensions: Order No: Oven Profile: Carrier Gas: Injection: Detection:	Zebron <sup>™</sup> ZB-5MS, GC Cap. Column 60 m x 0.25 mm x 0.25 µm, Ea 5% Phenyl-Arylene 95% Dimethylpolysiloxane 60 meters x 0.25 mm x 0.25 µm 7KG-G010-11 190°C for 1.5 min to 220°C at 15°C/min for 15 min to 290°C at 7°C/min for 5 min to 310°C Constant Flow Helium, 1.2 mL/min Splitless :1 2 µL @ 270°C	
15584	High Res Mass Spec (HRMS) (0°C)	Products used in this application:
100 % 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20 - 10 - 0 - 26:00	(1) (2,3) (1) (2,3) (2,3) (2,3) (1) (2,3) (2,3) (2,3) (2,3) (2,3) (2,3) (2,3) (2,3) (2,3) (2,3) (2,3) (2,3) (3) (2,3) (4) (2,3) (5) (2,3) (6) (2,3) (7) (7) (7) (7) (7) (7) (7) (7	1.5E6 1.0E6 1.0E6 8.9E5 -7.4E5 -5.9E5 -4.4E5 -3.0E5 -1.5E5 0.0E0 28.12 Time
	(8) 27:11	
100 % 90 —	(7) 26:34	- 1.5E6 - 1.3E6
80 -	2004	- 1.266
70 -		- 1.0E6
60 -		- 8.9E5
50 -		- 7.4E5
40 - 30 -		- 5.9E5 - 4.4E5
20 -		-3.0E5
10 —		- 1.5E5
0	26:12 26:24 26:36 26:48 27:00 27:12 27:24 27:36 27:48 28:00 2	0.0E0

## **ANALYTES:**

- 1 1,2,3,4-TCDD
- **2** 1,2,3,7-TCDD
- 3 1,2,3,8-TCDD
- 1,2,3,9-TCDD 4
- 2,3,7,8-TCDD 5
- 1,2,8,9-TCDD 6
- 7 13C-1,2,3,4-TCDD
- 8 13C-2,3,7,8-TCDD

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