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:	Zebron [™] 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	Contraction of Contraction
Carrier Gas: Injection:	Constant Flow Helium, 1.2 mL/min Splitless :1 2 μL @ 270°C	2007 - 2009 IND 100 Avers
Detection: 15584	High Res Mass Spec (HRMS) (0°C)	Products used in this application:
100 % 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20 - 10 - 0 - 22:00	(5) (4) 27.03 (6) 28.05 26.35 26.54 10 26.12 26.24 26.24 26.24 26.24 26.24 26.24 26.24 26.24 26.25 10 27.12 27.12 27.12 27.24 27.24 27.95 27.48 28.05	1.5E6 1.3E6 1.3E6 1.2E7 1.0E6 8.9E5 -7.4E5 -5.9E5 -4.4E5 -3.0E5 -1.5E5 0.0E0 28:12 Time
100 %	(8) 27:11	_ 1.5E 6
90 —	(7) 26:34	- 1.3E6
80 -		- 1.2E6 - 1.0E6
70 - 60 -		- 8.9E5
50 —		- 7.4E5
40 -		- 5.9E5
30 - 20 -		- 4.4E5 - 3.0E5
10 —		- 1.5E 5
026:00	26:12 26:24 26:36 26:48 27:00 27:12 27:24 27:36 27:48 28:00	28:12 Time 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
- 13C-2,3,7,8-TCDD 8

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