

## EPA Method 1613: Dioxins Only

**Column:** Zebron ZB-5ms  
**Dimensions:** 60meter x 0.25mm x 0.25µm  
**Order No.:** 7KG-G010-11  
**Injection:** Splitless @ 250°C, 2µL  
**Carrier Gas:** Constant Pressure Helium 26 cm/sec @ 200°C  
**Oven Program:** 120°C for 1 min to 220°C at 20°C/min hold for 16min to 235°C at 5°C/min hold 7min to 300°C at 5°C/min hold 15min

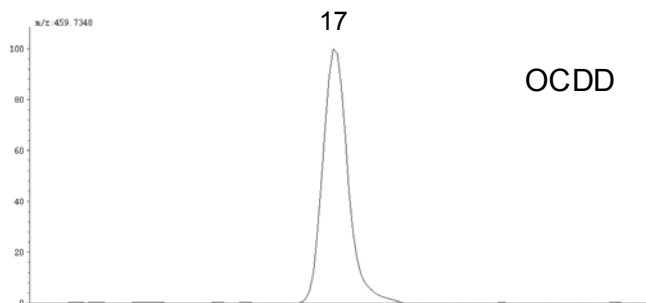
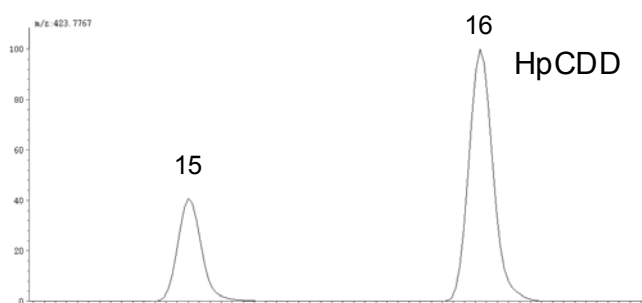
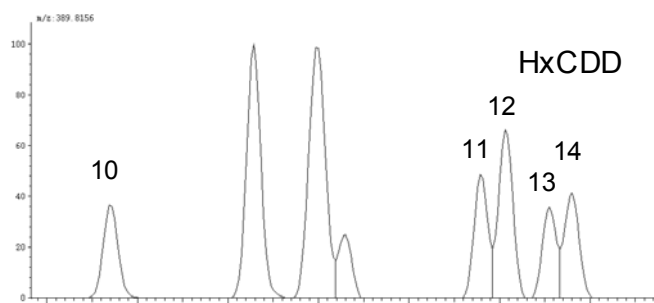
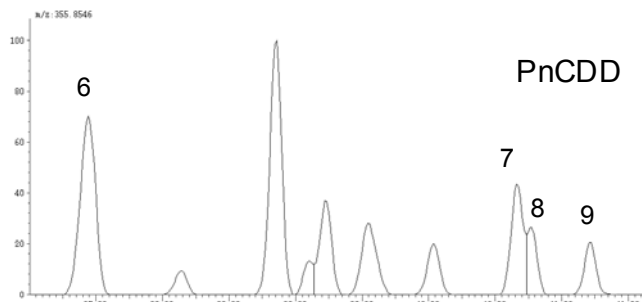
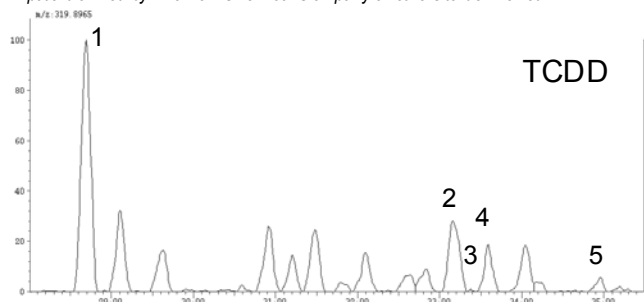
**Detector:** High Resolution Mass Spectrometer (HRMS) - ThermoFinnigan® MAT-95

**Sample:**
 1. 1,3,6,8-TCDD      6. 1,2,4,6,8/1,2,4,7,9-PnCDD      11. 1,2,3,4,7,8-HxCDD      16. 1,2,3,4,6,7,8-HpCDD  
 2. 1,2,3,7/1,2,3,8-TCDD      7. 1,2,3,7,8-PnCDD      12. 1,2,3,6,7,8-HxCDD      17. OCDD  
 3. 1,2,3,9-TCDD      8. 1,2,3,6,7-PnCDD      13. 1,2,3,4,6,7-HxCDD  
 4. 2,3,7,8-TCDD      9. 1,2,3,7,8-PnCDD      14. 1,2,3,7,8,9-HxCDD  
 5. 1,2,8,9-TCDD      10. 1,2,4,6,7,9/1,2,4,6,8,9-HxCDD      15. 1,2,3,4,6,7,8-HpCDD

### Note

Mass Chromatograms are courtesy of V.N. Fishman, G.D. Martin, and L.L. Lamparski, The Dow Chemical Company, Midland, Michigan, USA

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