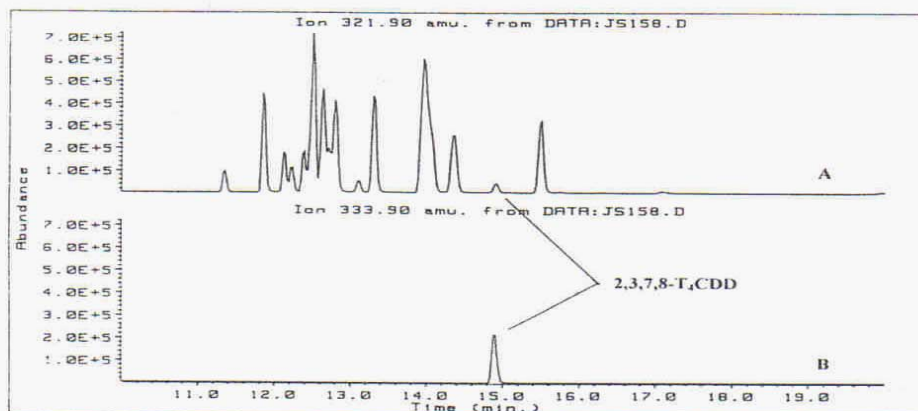


Separation of 2, 3, 7, 8 -TCDD and Dioxins

Separation of 2,3,7,8 - TCDD from other TCDD isomers

Column: LC- 50, 20m x 0.25mm x 0.25µm film
P/ N 6020- 25025
Injector: Cool-on-column
Detector: MSD, interface @ 285°C
Carrier: Helium
Temp: 100°C for 1 min. to 240° C at 10° C/ min
240°C to 275° C at 3° C/ min

- Synthetic mixture of monochloro-to octachloro dibenzo-p-dioxins+ ¹³C - labeled 2,3,7,8- TCDD
- HRGC- MS/EISIM Data
- Ions monitored , M + 2 (m/z = 321.9 & m/z = 333.9)



Separation of mono-to-octachlorodibenzo-p-dioxins

Column: LC- 50, 20m x 0.25mm x 0.25µm film
P/ N 6020- 25025
Injector: Cool-on-column
Detector: MSD, interface @ 285°C
Carrier: Helium
Temp: 100°C for 1 min. to 240° C at 10° C/ min
240°C to 275° C at 3° C/ min

- Synthetic mixture of monochloro-to octachloro dibenzo-p-dioxins+ ¹³C - labeled 2,3,7,8- TCDD
- HRGC- MS/EISIM Data
- Ions monitored , M + 2, M + 4 for mono to octachloro dibenzo-p-dioxins isomers

