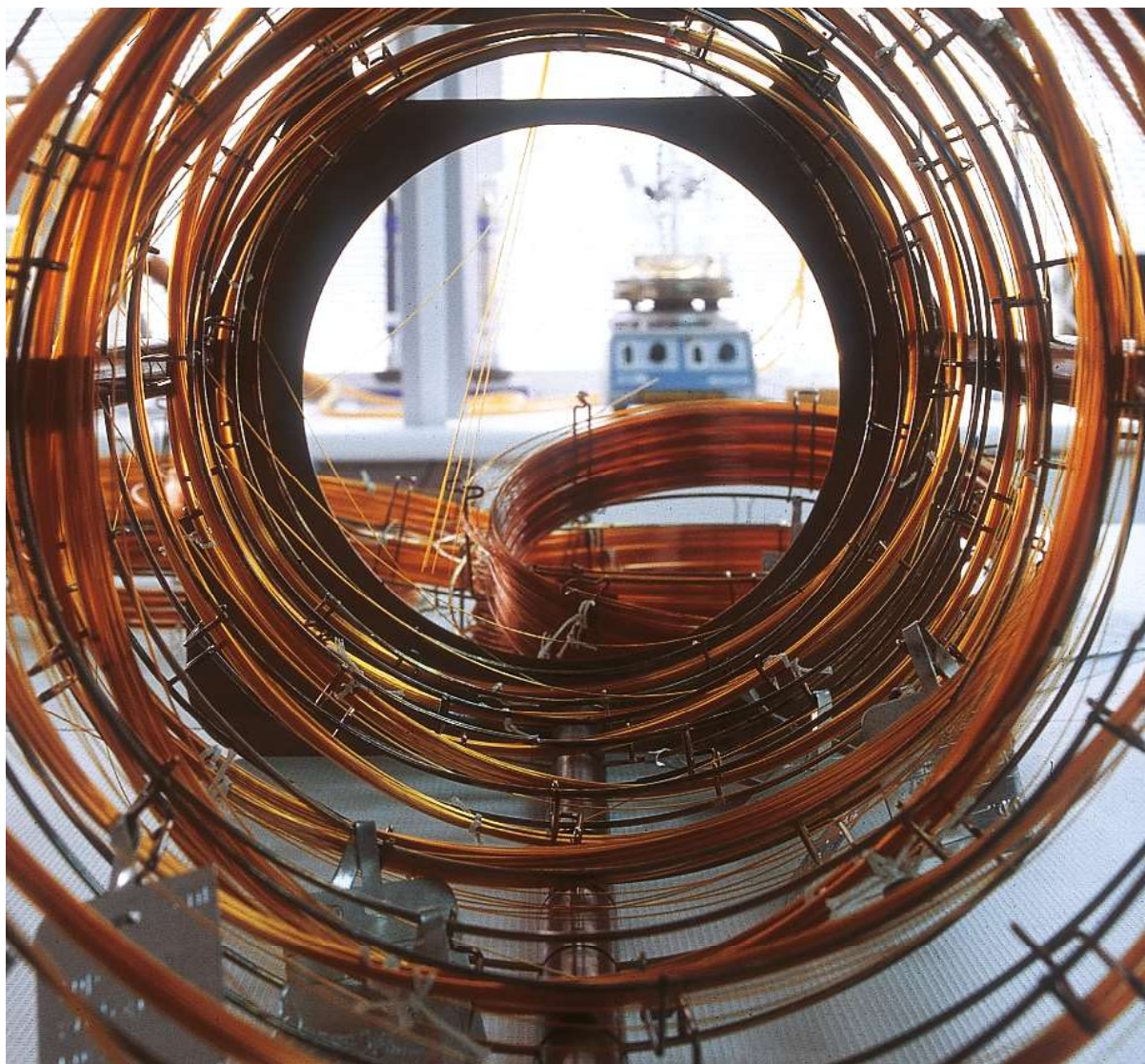




## Teknokroma Capillary Columns

### MTI-5

5% Phenyl- 95% methylpolysiloxane, bonded and crosslinked phase.



- Polarity equivalent to Supelco PTE-5 and Agilent HP-5Msi columns
- Non polar column maximum inertness and ultra low bleeding
- Column contrasted for analyses of semivolatil contaminant agents (EPA 625, 1625, 8770)
- Maximum thermal stability (360°)

#### MTI-5 Equivalent Phase

**Supelco:** PTE-5  
**Agilent:** HP-5Msi

#### MTI-5

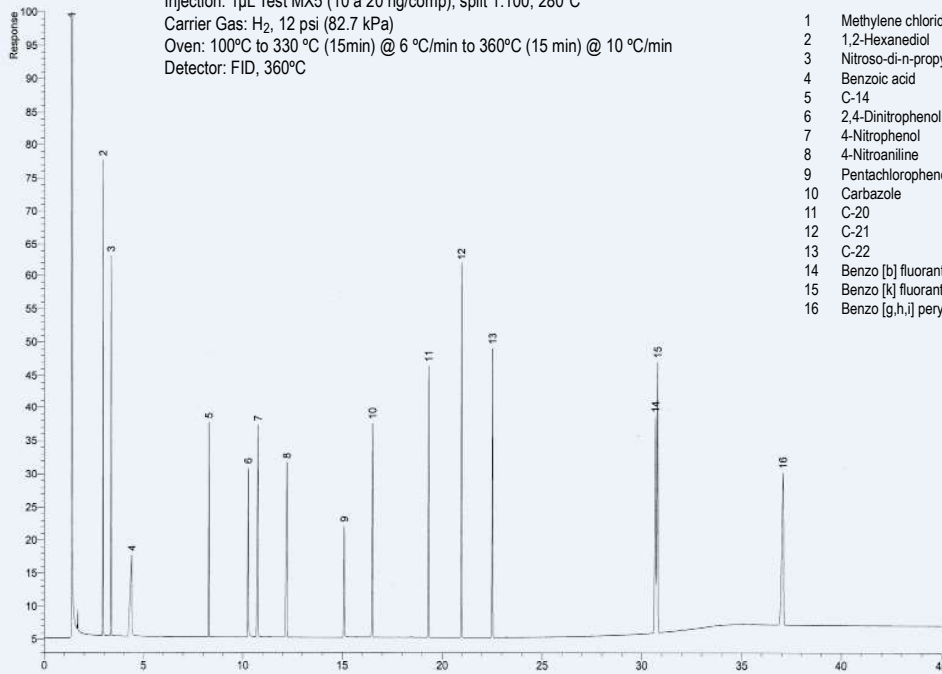
| InternalLength |     | Film           | Temp           | Part.     |
|----------------|-----|----------------|----------------|-----------|
| Diam.(mm)      | (m) | Thickness (µm) | limits (°C)    | N°. (P/N) |
| 0,25           | 30  | 0,25           | -60 to 360     | TR-910232 |
| 0,32           | 30  | 0,25           | -60 to 360     | TR-910233 |
| 0,53           | 15  | 0,50           | -60 to 330/360 | TR-910515 |

## MX5 Test

Column: **MTI-5**, 30 m x 0.25 mm x 0.25  $\mu$ m, P/N TR-910232  
 Injection: 1  $\mu$ L Test MX5 (10 a 20 ng/comp), split 1:100, 280°C  
 Carrier Gas: H<sub>2</sub>, 12 psi (82.7 kPa)  
 Oven: 100°C to 330 °C (15min) @ 6 °C/min to 360°C (15 min) @ 10 °C/min  
 Detector: FID, 360°C

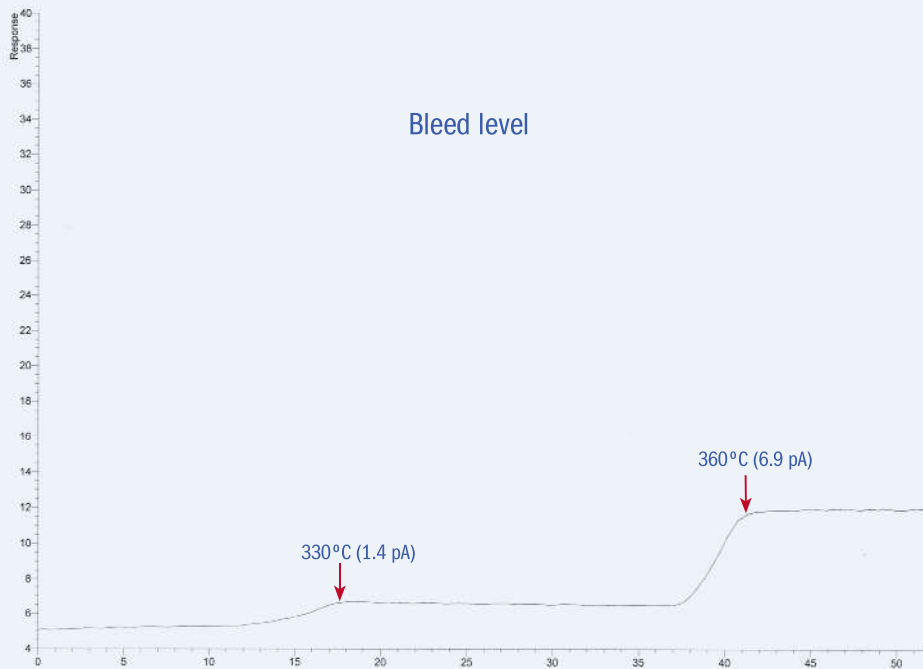
### Peak Name

- 1 Methylene chloride
- 2 1,2-Hexanediol
- 3 Nitroso-di-n-propylamine
- 4 Benzoic acid
- 5 C-14
- 6 2,4-Dinitrophenol
- 7 4-Nitrophenol
- 8 4-Nitroaniline
- 9 Pentachlorophenol
- 10 Carbazole
- 11 C-20
- 12 C-21
- 13 C-22
- 14 Benzo [b] fluoranthene
- 15 Benzo [k] fluoranthene
- 16 Benzo [g,h,i] perylene



TKG 1207

## Bleed level



TKG 1208