

OPTIMA® 210 trifluoropropyl-methylpolysiloxane (50 % trifluoropropyl) · close equivalent to USP G6

★ Key features

- Midpolar phase
- Structure see page 317

✓ Recommended application

- Environmental analysis, especially for *o*-, *m*- and *p*-substituted aromatic hydrocarbons

✍ Temperature

- T_{max} 260 °C (long-term temperature),
T_{max} 280 °C (short-term max. temperature in a temperature program)

Similar phases

- OV-210, DB-210, Rtx®-200, 007-210

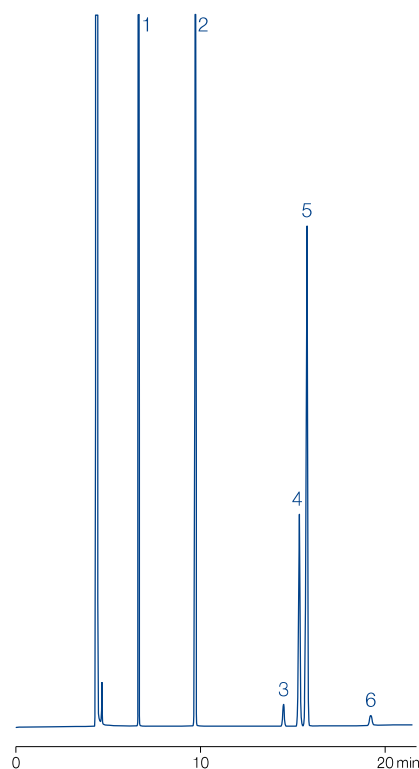
Aromatic hydrocarbons (BTX)

MN Appl. No. 200230

Column: OPTIMA® 210, 50 m x 0.25 mm ID, 0.5 µm film
Injection: 0.5 µL, split 105 mL/min
Carrier gas: 130 kPa N₂ (1.1 mL/min)
Temperature: 50 °C
Detector: FID 250 °C

Peaks:

1. Benzene
2. Toluene
3. Ethylbenzene
4. *p*-Xylene
5. *m*-Xylene
6. *o*-Xylene



OPTIMA® 210

	Length → 15 m	25 m	30 m	50 m	60 m
0.25 mm ID (0.4 mm OD)					
0.25 µm film	726871.15	726871.25	726871.30	726871.50	726871.60
0.50 µm film			726874.30	726874.50	726874.60
0.32 mm ID (0.5 mm OD)					
0.25 µm film	726877.15		726877.30	726877.50	726877.60
0.50 µm film		726880.25	726880.30	726880.50	726880.60

In addition to this standard program we will be happy to supply columns custom-made to your specifications. Information about scope of delivery, special cages and integrated guard columns see additional information for GC columns on page 311.