

PAHs – EPA METHOD 610/8100

Column

Phase	MEGA-SE54
I.D.	0.32 mm
Film Thickness	0.25 µm
Length	25 m

Chromatographic Conditions

Injection	On column	
Injection volume	1.0 µL	
Oven	T start	60°C
	Rate	4°C/min
	T end	300°C
Detector	FID	250°C
Carrier Gas	Hydrogen	70 kPa

Peak Identification

1 Naphtalene	9 Benzo (a) Anthracene
2 Acenaphthylene	10 Chrysene
3 Acenaphthene	11 Benzo (b) fluoranthene
4 Fluorene	12 Benzo (k) fluoranthene
5 Phanthrene	13 Benzo (a) pyrene
6 Anthracene	14 Indeno (1,2,3-cd) pyrene
7 Fluoranthene	15 Dibenzo (a,h) Anthracene
8 Pyrene	16 Benzo (ghi) perylene

