

ACN: 34124-0010-03-107

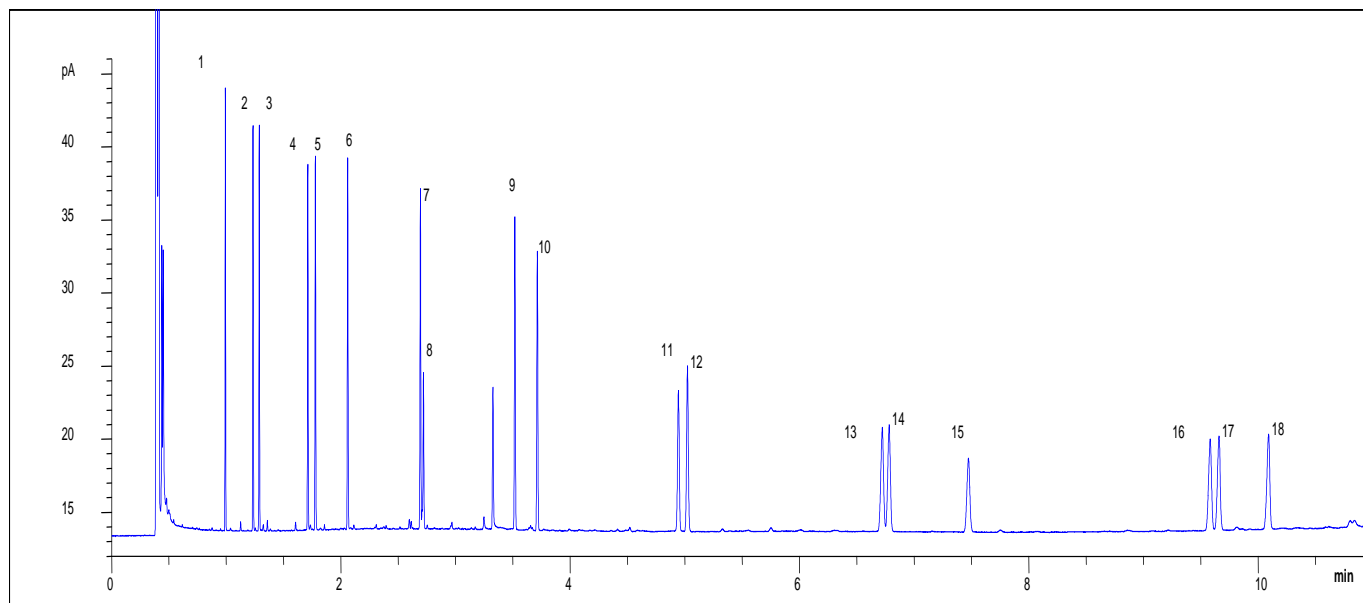
EPA Method 610 Polycyclic Aromatic Hydrocarbons NSP – 610 Column

Column Specifications

Column Description:	NSP-610	Part Number:	3412-15010
Length (m):	12.	Diameter (mm):	0.15
Film Thickness (µm):	0.10		

Test Conditions

Injector Temperature (°C):	300, Split, 50:1.	Detector:	FID, 360°C
Carrier Gas	Helium (Flow: 2.0 ml/min).	Linear Velocity (cm/s):	78
Oven Temperature:	100°C to 230°C @ 50°C/min. to 260°C @ 6°C/min to 300°C @ 12°C/min(1min) to 350°C @ 15°C /min(2min).		
Pressure program:	50 psi (1min) –70 psi @ 5 psi/min		
Test Sample:	Priority PAH (50 ppm), 1 µL.		
Temperature Limits (°C):	40-360		



Compound Identification (Peaks)

1. Naphthalene	10. Pyrene
2. 1-Methyl Naphthalene	11. Benz[a]anthracene
3. 2-Methyl Naphthalene	12. Chrysene
4. Acenaphthylene	13. Benzo[b]fluoranthene
5. Acenaphthene	14. Benzo[k]fluoranthene
6. Fluorene	15. Benzo[a]pyrene
7. Phenanthrene	16. Indeno[1,2,3,-c,d]pyrene
8. Anthracene	17. Dibenz[a,h]anthracene
9. Fluoranthene	18. Benzo[g,h,i]perylene