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ACN:63123-0010- 02-354

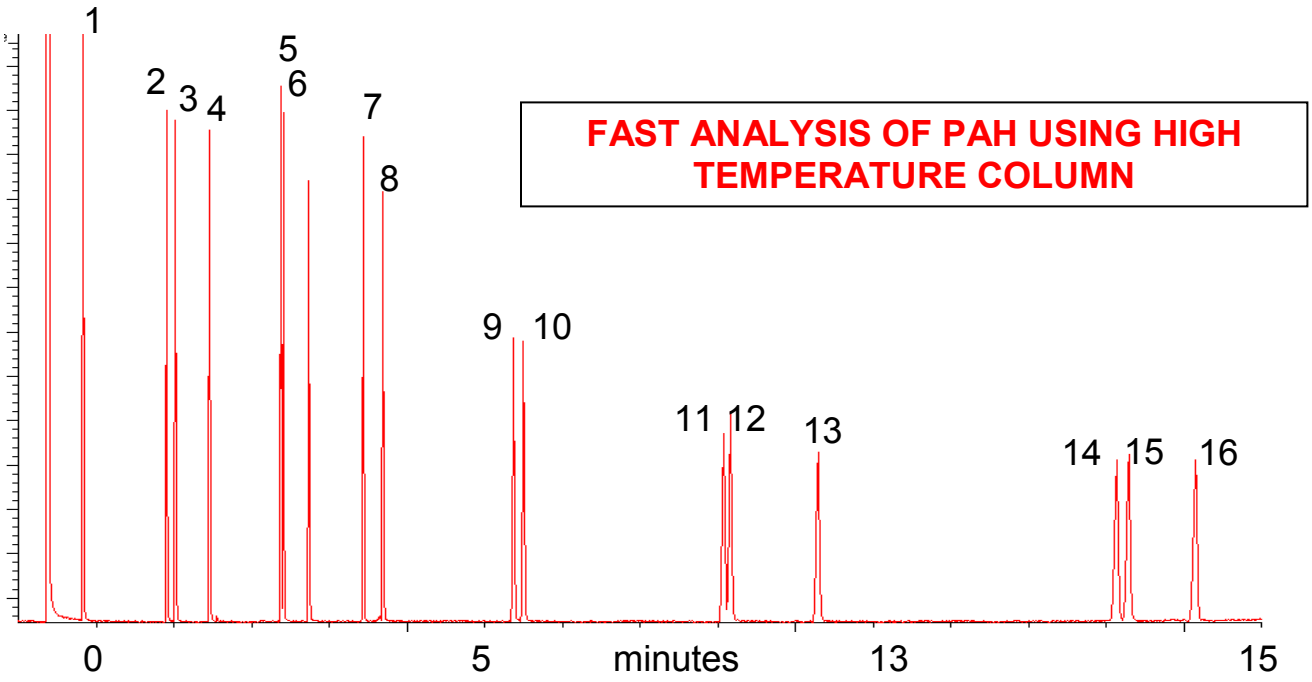
EPA Method 610 Polycyclic Aromatic Hydrocarbons
NSP – 610 Column

Column Specifications

Column Description:	NSP-610	**Part Number:**	3412-10010
Length (m):	12.	**Diameter (mm):**	0.10
Film Thickness (µm):	0.10		

Test Conditions

Injector Temperature (^{0}C):	250, Split, 100:1.	**Detector:**	FID, 350^{0}C
Carrier Gas (Helium)	Flow: 2.0 ml/min.	**Linear Velocity (cm/s):**	44.8
Oven Temperature:	140^{0}C(1min) to 240^{0}C@ 30^{0}C/min. to 260^{0}C@3^{0}C/min to 320^{0}C @5^{0}C/min.		
Pressure:	72.5 psi /min.		
Test Sample:	Priority PAH (50 ppm), 1 µL.		
Temperature Limits (^{0}C):	40-360		



Compound Identification (Peaks)

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