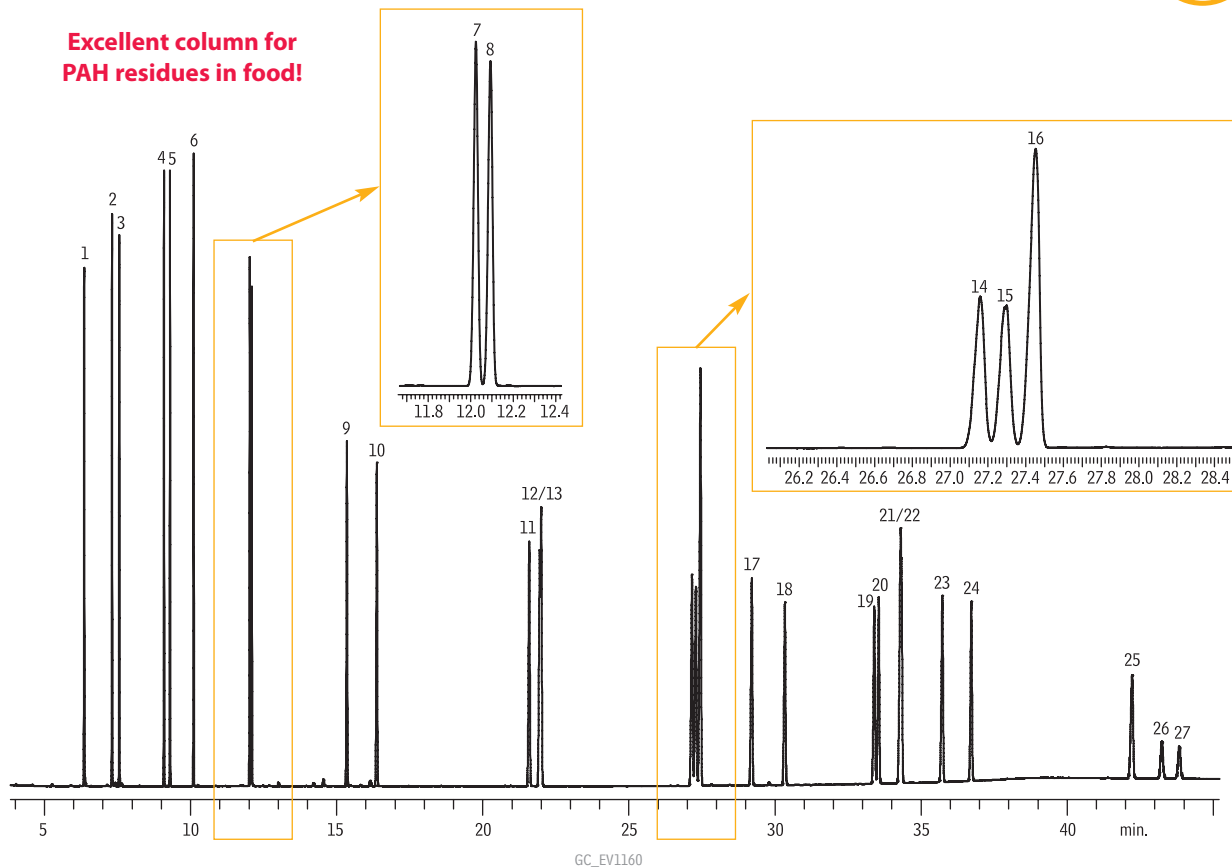


Polycyclic Aromatic Hydrocarbons

Rxi®-17Sil MS

NEW!

Excellent column for
PAH residues in food!



1. Naphthalene
2. 2-Methylnaphthalene
3. 1-Methylnaphthalene
4. Acenaphthylene
5. Acenaphthene
6. Fluorene
7. Phenanthrene
8. Anthracene
9. Fluoranthene
10. Pyrene
11. Benz[*a*]anthracene
12. Chrysene
13. Triphenylene
14. Benzo[*b*]fluoranthene

15. Benzo[*k*]fluoranthene
16. Benzo[*j*]fluoranthene
17. Benzo[*a*]pyrene
18. 3-Methylcholanthrene
19. Dibenzo[*a,h*]acridine
20. Dibenzo[*a,j*]acridine
21. Indeno[1,2,3-*cd*]pyrene
22. Dibenzo[*a,h*]anthracene
23. Benzo[*ghi*]perylene
24. 7H-Dibenzo[*c,g*]carbazole
25. Dibenzo[*a,e*]pyrene
26. Dibenzo[*a,i*]pyrene
27. Dibenzo[*a,h*]pyrene

Column Sample

Diluent:
Conc.:
Injection
Inj. Vol.:
Liner:
Inj. Temp.:
Purge Flow:
Oven
Oven Temp:
Carrier Gas
Flow Rate:
Detector
Instrument
Acknowledgement

Rxi®-17Sil MS, 30 m, 0.25 mm ID, 0.25 μ m (cat.# 14123)
SV Calibration Mix #5 / 610 PAH Mix (cat.# 31011)
EPA Method 8310 PAH Mixture (cat.# 31841)
dichloromethane
10 ppm

0.5 μ L splitless (hold 1.75 min.)
Auto SYS XL PSS Split/Splitless w/Wool (cat.# 21718)
320 °C
75 mL/min.

65 °C (hold 0.5 min.) to 220 °C at 15 °C/min. to 330 °C at 4 °C/min. (hold 15 min.)
He, constant flow
2.0 mL/min.
FID @ 320 °C
PE Clarus 600 GC
Instrument provided by PerkinElmer

Chromatogram Search Tool

Search by compound name, synonym,
CAS # or keyword

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