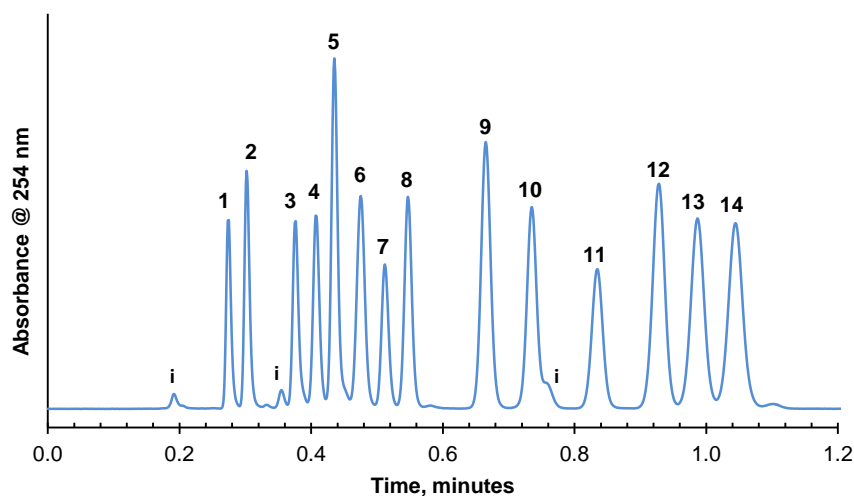


Rapid HPLC Separation of Aromatic Compounds on HALO Phenyl-Hexyl



PEAK IDENTITIES:

1. Uracil
 2. Benzamide
 3. Benzonitrile
 4. Propyl paraben
 5. Benzylbenzoate
 6. Diethylphthalate
 7. Toluene
 8. 1-Chloro-4-nitrobenzene
 9. Di-n-Propylphthalate
 10. n-Propylbenzene
 11. n-Butylbenzene
 12. Biphenyl
 13. Acenaphthene
 14. Phenanthrene
- i = unknown compound

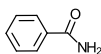
TEST CONDITIONS:

Column: 4.6 x 50 mm, HALO Phenyl-Hexyl
 Part Number: 92814-406
 Mobile Phase: 23/77: Water/methanol
 Flow Rate: 1.8 mL/min.
 Pressure: 200 Bar
 Temperature: 40°C
 Detection: UV 254 nm, VWD
 Injection Volume: 1.0 µL
 Sample Solvent: Methanol
 Response Time: 0.02 sec.
 Flow Cell: 5.0 µL low volume
 LC System: Agilent 1100

STRUCTURES:



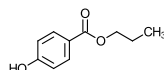
Uracil



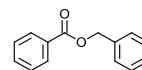
Benzamide



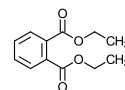
Benzonitrile



Propylparaben



Benzylbenzoate



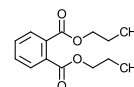
Diethylphthalate



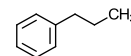
Toluene



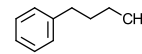
1-Chloro-4-nitrobenzene



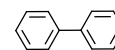
Di-n-Propylphthalate



n-Propylbenzene



n-Butylbenzene



Biphenyl



Acenaphthene



Phenanthrene

The high efficiency of the HALO Fused-Core Phenyl-Hexyl stationary phase allows the rapid separation of 14 compounds in under 1.2 minutes! This feature will speed up method development and also result in shorter analysis times.