

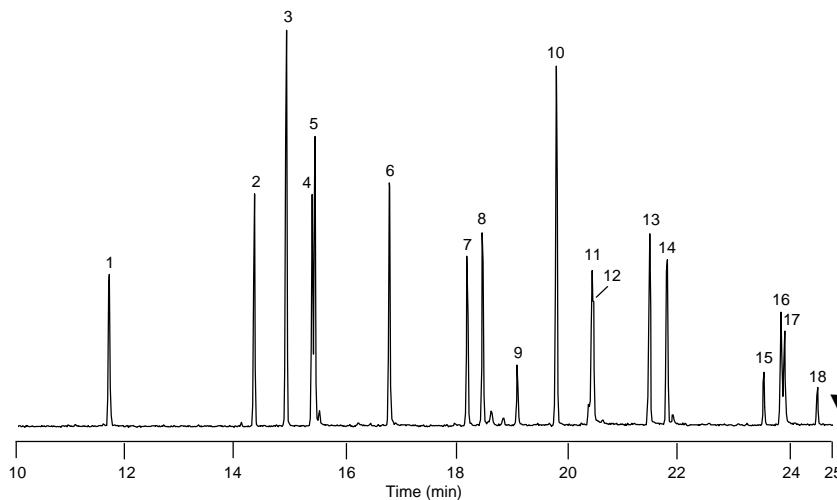
Substituted Anilines

Column: DB-5ms
 30 m x 0.25 mm I.D., 0.5 µm
J&W P/N: 122-5536
Carrier: Helium at 33.3 cm/sec,
 measured at 150°C
Oven: 40°C for 5 min
 40-290°C at 12°/min
 290°C for 10 min
Injector: Splitless, 250°C
 30 sec purge activation time
 1 µL of 25 ng/µL standard
Detector: MSD, 325°C transfer line

Compound list for all chromatograms (m/z)

- | | |
|---------------------------------|-------|
| 1. Aniline | (93) |
| 2. 2-Chloroaniline | (127) |
| 3. 2,6-Dimethylaniline | (121) |
| 4. 3-Chloroaniline | (127) |
| 5. 4-Chloroaniline | (127) |
| 6. 4-Bromoaniline | (171) |
| 7. 2-Nitroaniline | (138) |
| 8. 3,4-Dichloroaniline | (161) |
| 9. 3-Nitroaniline | (65) |
| 10. 2,4,5-Trichloroaniline | (195) |
| 11. 4-Chloro-2-nitroaniline | (172) |
| 12. 4-Nitroaniline | (138) |
| 13. 2-Chloro-4-nitroaniline | (172) |
| 14. 2,6-Dichloro-4-nitroaniline | (176) |
| 15. 2-Chloro-4,6-dinitroaniline | (217) |
| 16. 2,6-Dibromo-4-nitroaniline | (266) |
| 17. 2,4-Dinitroaniline | (183) |
| 18. 2-Bromo-4,6-dinitroaniline | (261) |

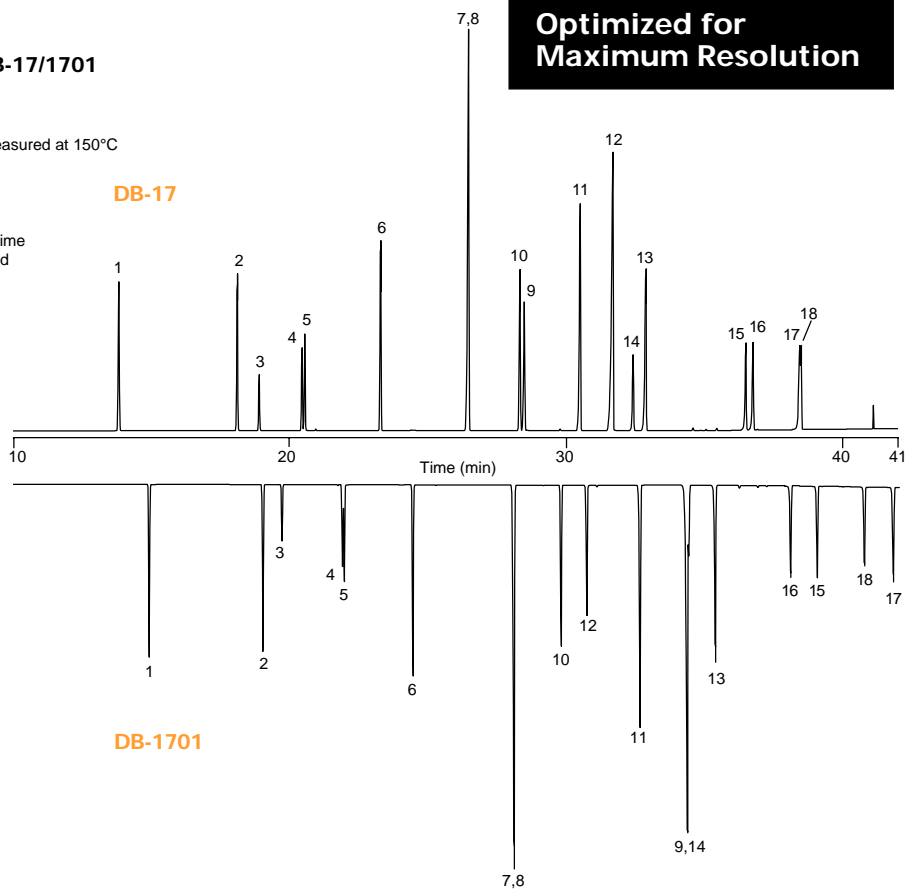
**Optimized for
 Short Run Time**



C408

Column: Dual Column DB-17/1701
J&W P/N: 009-1707
Guard Column: 10 m x 0.53 mm I.D.
 3-way union
Carrier: Helium at 34 cm/sec, measured at 150°C
Oven: 40°C for 5 min
 40-280°C at 6°/min
 280°C for 5 min
Injector: Splitless, 250°C
 15 sec purge activation time
 1 µL of 50 ng/µL standard
Detector: FID, 300°C
 Nitrogen makeup gas
 at 30 mL/min

**Optimized for
 Maximum Resolution**



C409