

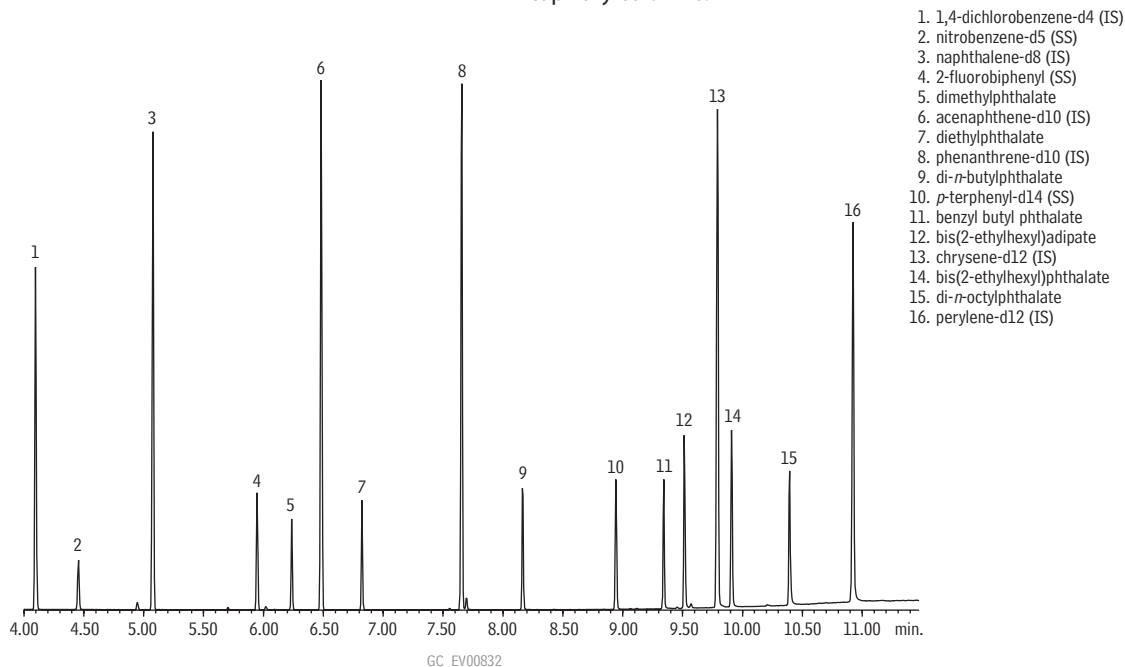
Phthalate & Adipate Esters

US EPA Method 506

Rxi®-1ms

Rxi® Technology!

Exceptionally inert,
ultra low- bleed
capillary columns.



1. 1,4-dichlorobenzene-d4 (IS)
2. nitrobenzene-d5 (SS)
3. naphthalene-d8 (IS)
4. 2-fluorobiphenyl (SS)
5. dimethylphthalate
6. acenaphthene-d10 (IS)
7. diethylphthalate
8. phenanthrene-d10 (IS)
9. di-*n*-butylphthalate
10. *p*-terphenyl-d14 (SS)
11. benzyl butyl phthalate
12. bis(2-ethylhexyl)adipate
13. chrysene-d12 (IS)
14. bis(2-ethylhexyl)phthalate
15. di-*n*-octylphthalate
16. perylene-d12 (IS)

Column: Rxi®-1ms, 30m, 0.25mm ID, 0.25 μ m (cat.# 13323)
 Sample: US EPA Method 506 mix:
 506 Calibration Mix (cat.# 31845),
 SV Internal Standard Mix (cat.# 31206), B/N Surrogate Mix (4/89 SOW)
 (cat.# 31024)
 Inj.: 1.0 μ L, 5 μ g/mL each analyte
 (internal standards 25 μ g/mL), split (10:1)
 4mm Drilled Uniliner® inlet liner (hole on bottom) (cat.# 20771)
 Instrument: Agilent 6890
 Inj. temp.: 250°C
 Carrier gas: helium, constant flow
 Flow rate: 1.2mL/min.
 Oven temp.: 50°C (hold 1 min.) to 330°C @ 30°C/min. (hold 2 min.)
 Det.: Agilent 5973 MSD
 Transfer line temp.: 280°C
 Scan range: 35-550amu
 Solvent delay: 3.75 min.
 Tune: DFTPP
 Ionization: EI

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