

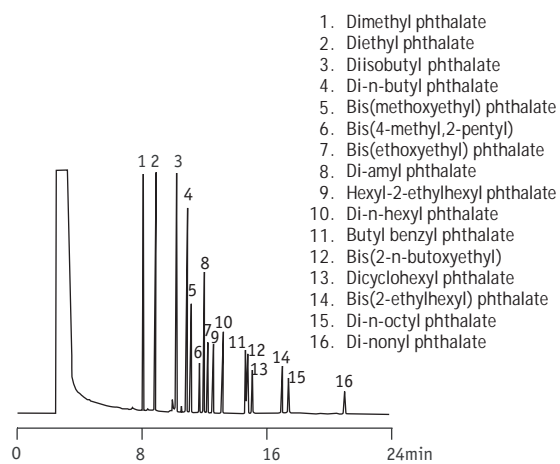
VertiBond™ 17

VertiBond™ 17 Capillary Columns

- 50% Phenyl, 50% Dimethylpolysiloxane
- Intermediate polar stationary phase
- High temperature range
- High efficiency, high inertness columns

VertiBond™ 17 column contains 50% Phenyl, 50% Dimethylpolysiloxane stationary phases. This intermediate polarity phase are used for the analysis of polar compounds like chlorinated pesticides, herbicides, and basic drugs.

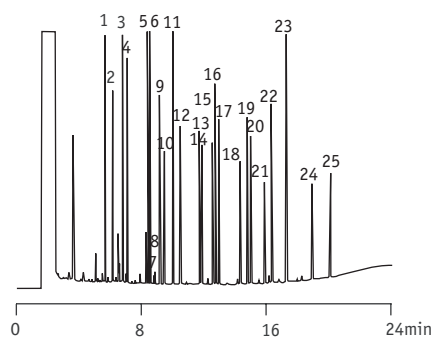
Phthalate Esters



1. Dimethyl phthalate
2. Diethyl phthalate
3. Diisobutyl phthalate
4. Di-n-butyl phthalate
5. Bis(methoxyethyl) phthalate
6. Bis(4-methyl,2-pentyl)
7. Bis(ethoxyethyl) phthalate
8. Di-amyl phthalate
9. Hexyl-2-ethylhexyl phthalate
10. Di-n-hexyl phthalate
11. Butyl benzyl phthalate
12. Bis(2-n-butoxyethyl)
13. Dicyclohexyl phthalate
14. Bis(2-ethylhexyl) phthalate
15. Di-n-octyl phthalate
16. Di-nonyl phthalate

Column: VertiBond™ 17, 30m x 0.53mm, 0.5µm
 Temp: 100°C to 275°C at 15°C/min
 Injector: Direct injection
 Detector: FID
 Carrier Gas: Helium

Organophosphorous pesticides



1. 4-Chloro-3-nitrobenzo-trifluoride
2. Dichlorvos
3. 1-Bromo-2-nitrobenzene
4. α-Mevinphos
5. Tributylphosphate(IS)
6. Ethoprop
7. Sulfotepp
8. Naled
9. Phorate
10. Demeton
11. Diazinon
12. Disulfoton
13. Methyl Parathion
14. Ronnel
15. Chlorpyrifos
16. Fenthion
17. Trichlorinate
18. Tetrachlorvinphos
19. Tokuthion
20. Impurity
21. Fensulfothion
22. Impurity
23. Triphenylphosphate(IS)
24. Guthion
25. Coumaphos

Column: VertiBond™ 17, 30m x 0.25mm, 0.25µm
 Temp: 50°C (hold 1min), 50°C-200°C at 30°C/min, 50°C-200°C (hold 3 min), 200°C-310°C at 10°C/min, 310°C (hold 2min)
 Injector: Splitless
 Detector: FID at 320°C
 Carrier Gas: Helium

VertiBond™ 17 Specifications

Phase:	50% Phenyl, 50% Dimethylpolysiloxane
Polarity:	Intermediate Polar
USP Designation:	G3
Ideal for:	Pesticides, Herbicides, Phthalate Esters, Free Phenols, and Basic Drugs

VertiBond™ 17 equivalent phase

Restek	Rtx-50
Agilent	HP-17, DB-17
Supelco	SPB-50
Alltech	AT-50
SGE	BPX-50
Varian	CP-SIL24CB
Ohio Valley	OV-17
Phenomenex	ZB-50

Ordering Information

Length (m)	I.D. (mm)	Film (µm)	Temp. (°C)	Part No.
15	0.25	0.25	325/340	0408-2051
	0.32	0.25	325/340	0408-3051
	0.53	1.00	325/340	0408-5111
30	0.25	0.25	325/340	0408-2053
	0.32	0.25	325/340	0408-3053
	0.53	0.50	325/340	0408-5093
		1.00	325/340	0408-5113

