

# Organochlorine Pesticides, DB-17/1701P Dual Column

**Columns: DB-17**  
30 m x 0.32 mm I.D., 0.25 μm

**DB-1701P**  
30 m x 0.32 mm I.D., 0.21 μm

**Guard Column:** 10 m x 0.53 mm I.D.

**3-way union**

**J&W P/N:** 009-1707

**Carrier:** Helium at 33.3 cm/sec, measured at 150°C

**Oven:** 110°C for 0.5 min  
110-140°C at 20°/min  
140-280°C at 11°/min

280°C for 8 min

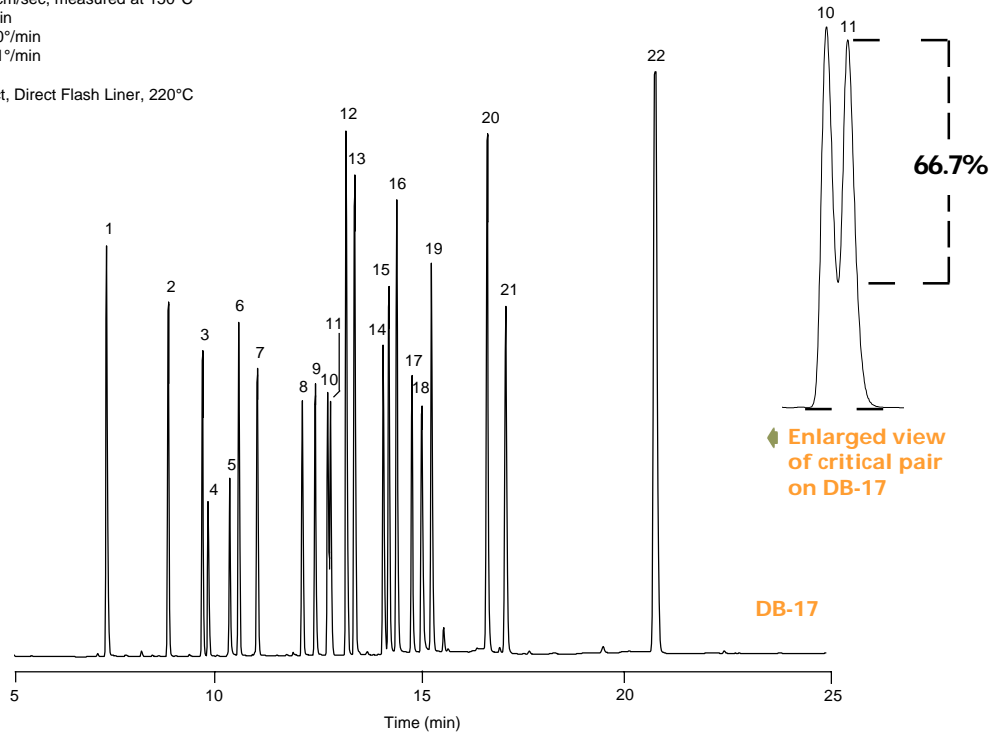
**Injector:** Megabore Direct, Direct Flash Liner, 220°C

1 μL Isooctane

**Detector:** ECD, 325°C

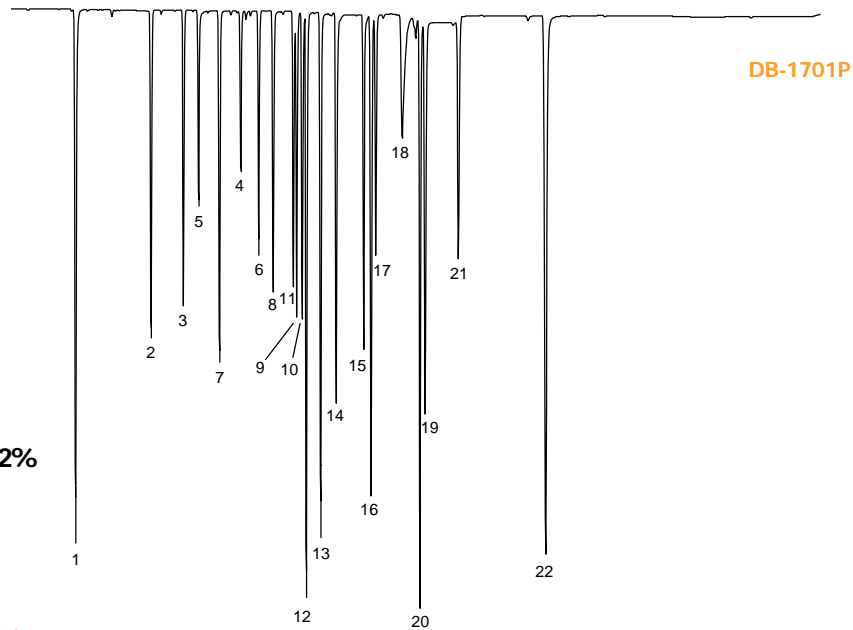
Compounds at 25-100 pg/μL per component

1. Tetrachloro-m-xylene (IS)
2. α-BHC
3. γ-BHC
4. β-BHC
5. Heptachlor
6. δ-BHC
7. Aldrin
8. Heptachlor epoxide
9. γ-Chlordane
10. α-Chlordane
11. Endosulfan I
12. p,p'-DDE
13. Dieldrin
14. Endrin
15. p,p'-DDD
16. Endosulfan II
17. p,p'-DDT
18. Endrin aldehyde
19. Endosulfan sulfate
20. Methoxychlor
21. Endrin ketone
22. Decachlorobiphenyl (IS)



Enlarged view of critical pair on DB-17

DB-17



DB-1701P

Enlarged view of critical pairs on DB-1701P