



Pesticides

Application Note

Environmental

Authors

Agilent Technologies, Inc.

Introduction

Trace analysis of 17 pesticides using the Agilent VF-17ms in 26 minutes.



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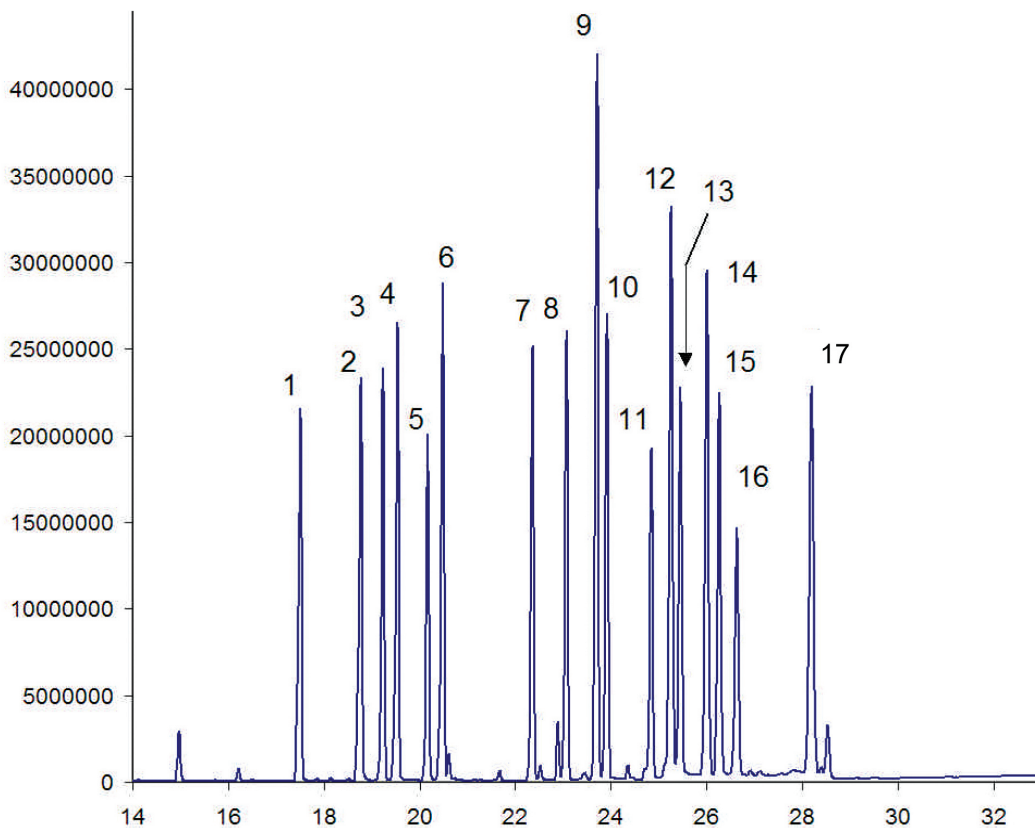
Conditions

Technique : GC-capillary
Column : Agilent FactorFour VF-17ms, 0.25 mm x 30 m fused silica (df = 0.25 μ m) (Part no. CP8982)
Temperature : 80 °C (1 min), 300 °C, 10 °C/min
Carrier Gas : Helium, 100 kPa
Injector : Splitless, T = 290 °C; 1 μ L
Detector : MS, ion trap
Sample Size : 50 μ g/mL

Courtesy : F. Etienne-Thewissen, Laboratoire Fédéral pour la Sécurité de la Chaîne Alimentaire - Liège

Peak identification

1. alpha-HCH
2. gamma-HCH
3. beta-HCH
4. heptachlor
5. delta-HCH
6. aldrin
7. heptachlorepoxyd
8. endosulfan I
9. 4,4'-DDE
10. dieldrin
11. endrin
12. 4,4'-DDD
13. endosulfan II
14. 4,4'-DDT
15. endrin aldehyde
16. endosulfan sulfate
17. methoxychlor



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This information is subject to change without notice.

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