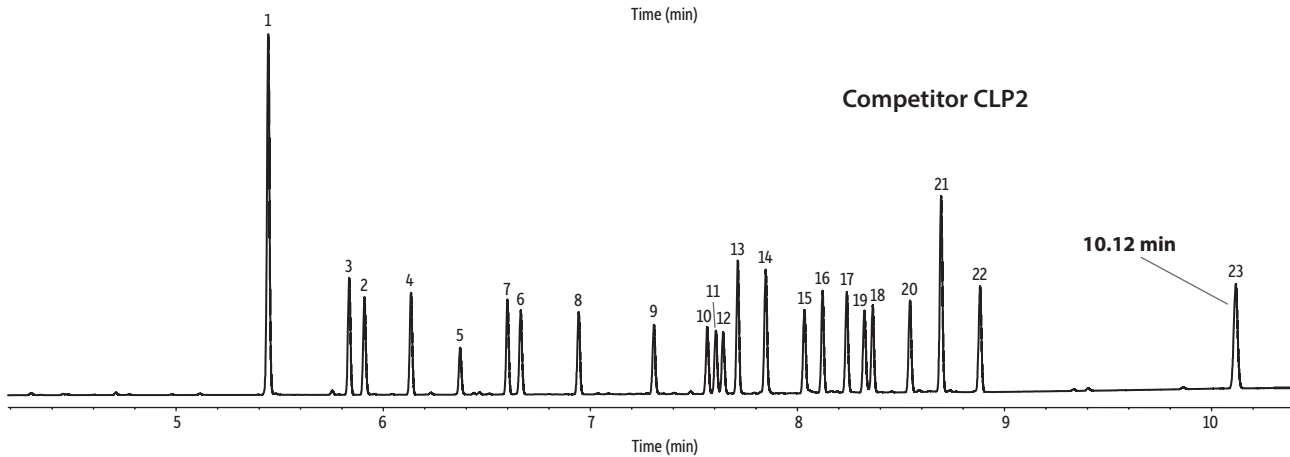
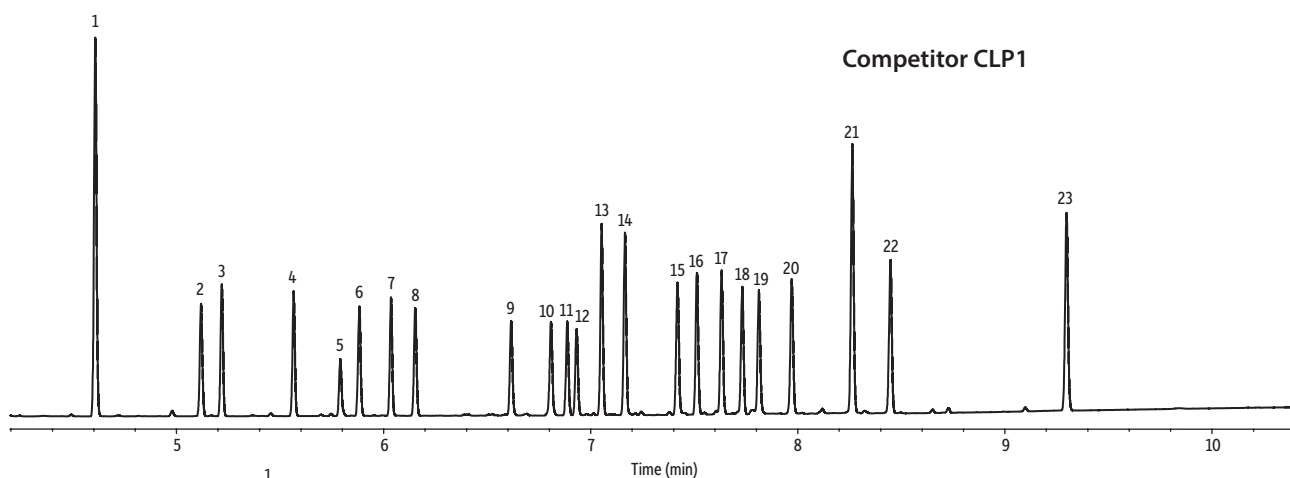


Organochlorine Pesticides (EPA Method 8081) on DB -CLP1 and DB -CLP2 Using Hydrogen

Peaks	Conc. (ng/mL)	Peaks	Conc. (ng/mL)
1. Tetrachloro- <i>m</i> -xylene	20	12. Endosulfan I	5
2. Hexachlorobenzene	5	13. 4,4'-DDE	10
3. α -BHC	5	14. Dieldrin	10
4. γ -BHC	5	15. Endrin	10
5. β -BHC	5	16. 4,4'-DDD	10
6. Heptachlor	5	17. Endosulfan II	10
7. δ -BHC	5	18. 4,4'-DDT	10
8. Aldrin	5	19. Endrin aldehyde	10
9. Heptachlor epoxide	5	20. Endosulfan sulfate	10
10. <i>trans</i> -Chlordane	5	21. Methoxychlor	50
11. <i>cis</i> -Chlordane	5	22. Endrin ketone	10
		23. Decachlorobiphenyl	20



GC_EV1318

Columns Competitor CLP1 30 m, 0.32 mm ID, 0.25 μ m, and competitor CLP2 30 m, 0.32 mm ID, 0.5 μ m, using Rxi guard column 5 m, 0.32 mm ID (cat.# 10039) with universal "Y" Press-Tight connector (cat.# 20406-261)

Sample Organochlorine pesticide mix AB #2 (cat.# 32292)
2,4,5,6-Tetrachloro-*m*-xylene (cat.# 32027)
Decachlorobiphenyl (BZ #209) (cat.# 32029)
Hexachlorobenzene (cat.# 32231)

Diluent: *n*-Hexane

Injection
Inj. Vol.: 2 μ L splitless (hold 0.75 min)
Liner: Premium 4 mm single taper w/wool (cat.# 23303)
Inj. Temp.: 250 °C
Purge Flow: 50 mL/min

Oven
Oven Temp.: 110 °C (hold 0.5 min) to 325 °C at 25 °C/min (hold 2 min)

Carrier Gas
Carrier Gas: H₂, constant flow
Linear Velocity: 65 cm/sec

Detector
Detector: Micro-ECD @ 34.0 °C

Make-up Gas
Make-up Gas: N₂
Flow Rate: 50 mL/min

Data Rate: 50 Hz

Instrument
Instrument: Agilent/HP6890 GC