

Analysis EPA 625: Chlorinated Pesticides using Direct Injection

Application Note

AN0047

SCION GC-FID

GC-FID conditions

Injector	Direct 2 μ L
Sample	200pg/ μ L
Column	SCION-Pesticide 60m x 0.25mm x 2.5 μ m
Oven	120°C to 300°C at 9°C/min
Carrier Gas	Helium, 50cm/s
FID	300°C

Peak Identification

1	α -BHC	9	4,4'-DDD
2	β -BHC	10	Dieldrin
3	Δ -BHC	11	Endrin
4	γ -BHC	12	4,4'-DDE
5	Heptachlor	13	Endosulfan II
6	Aldrin	14	Endrin Aldehyde
7	Heptachlorepoide	15	4,4'-DDT
8	Endosulfan	16	Endosulfan sulphate

