

Separation of Nitro and Halogenated Aromatic Compounds



Application Note

AN0052

SCION GC-FID

GC-FID conditions

Injector	1:100
Sample	1µL
Column	SCION-1701 30m x 0.25mm x 0.25µm
Oven	45°C (3 min) to 280°C at 10°C/min
Carrier Gas	Helium, 1mL/min

Peak Identification

1	1,3-dichlorobenzene	8	Hexachlorobutadiene
2	1,4-dichlorobenzene	9	Hexachlorocyclopentadiene
3	1,2-dichlorobenzene	10	2-chloronaphthalene
4	Hexachloroethane	11	2,6-dinitrotoluene
5	Nitrobenzene	12	2,4-dinitrotoluene
6	Isophorone	13	Azobenzene
7	1,2,4-trichlorobenzene	14	Hexachlorobenzene

