

Unleaded Gasoline

Column: DB-VRX

30 m x 0.45 mm I.D., 2.55 μ m

J&W P/N: 124-1534

Carrier: Helium at 109 cm/sec (10.4 mL/min), measured at 40°C

Oven: 40°C for 2 min
40-200°C at 12°/min
200°C for 5 min

Injector: Purge and trap (O.I.A. 4460A)

J&W LVI (Low Volume Injector)

115 ppb gasoline in 5 mL water

Trap: BTEX (Supelco) at 50°C during purge

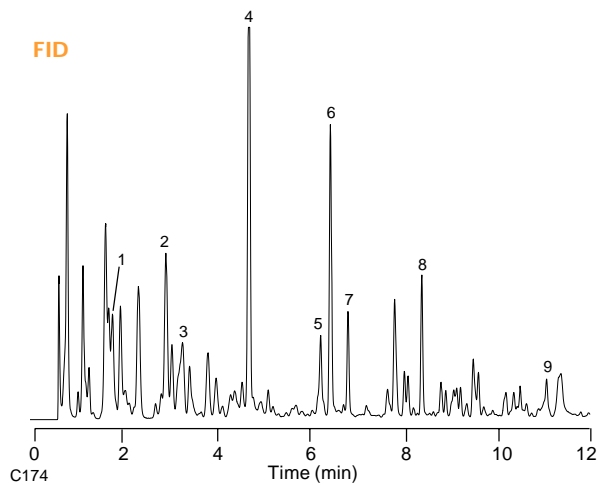
Desorb: 1 min at 270°C

Detector A: PID (O.I.A. 4430), 200°C

Detector B: FID, 250°C

1. 3-Methylpentane
2. Benzene
3. Isooctane
4. Toluene
5. Ethylbenzene
6. *m,p*-Xylene
7. *o*-Xylene
8. 1,2,4-Trimethylbenzene
9. Naphthalene

FID



PID

