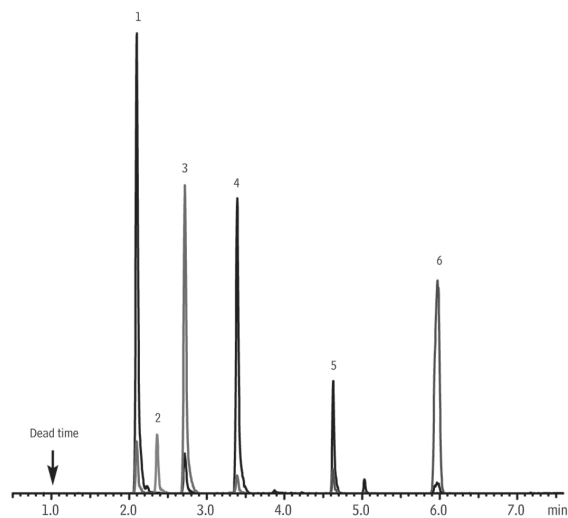


SH-I-624Sil MS

Analysis of Genotoxic impurities

Keywords: Pharmaceutical



- 1. 2-Chloropropane
- 2. Bromoethane
- 3. 1-Chloropropane
- 4. 2-Bromopropane
- 5. Butyl chloride
- 6. 1-Bromobutane
(1 µg/mL in DMSO)

Instrument	: GCMS
Column	: SH-I-624Sil MS (20 m x 0.18 mm I.D., df = 1.00 µm) , P/N : 227-36075-01
Column temp.	: 40°C (3 min) - 20°C/min - 200°C (10 min)
Inj. vol.	: 1.0 µL splitless (hold 0.5 min)
Liner	: 3.5 mm single gooseneck inlet liner with wool placed 3 cm from top (middle)
Inj. temp.	: 220°C
Purge flow	: 3 mL/min
Carrier gas	: He, constant flow
Linear velocity	: 40 cm/s
Detector	: MS
Source temp.	: 280°C
Solvent delay time	: 0.5 min
Scan range	: 30 - 300 amu
Ionization	: EI
Scan rate	: 5 scans/s
Notes	: Ions monitored 42, 43, 57, 108 m/z

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