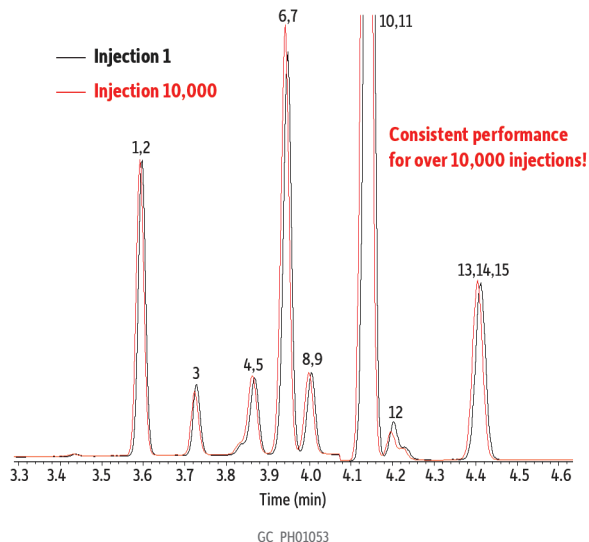


Over 10,000 Injections of Lipidomics on Rxi-5ms



Peaks	m/z	Peaks	m/z
1. Coprostanol	370.40	9. d4-Lathosterol (IS)	462.40
2. d5-Cholestanol (IS)	220.20	10. Campesterol	382.35
3. 7 α -Hydroxycholesterol	456.40	11. 4-Cholestenone	382.30
4. Cholestanol	306.30	12. Stigmasterol	394.15
5. d5-Epicholestanol (IS)	220.20	13. Lanosterol	393.35
6. 7-Dehydrocholesterol	325.25	14. β -Sitosterol	396.35
7. Desmosterol	343.25	15. d7- β -Sitosterol (IS)	403.45
8. Lathosterol	458.35		

Column

Rxi-5ms, 30 m, 0.25 mm ID, 0.25 μ m (cat.# 13423)

Sample

Lipid plasma extract as trimethylsilyl derivatives

Injection

Inj. Vol.:

1 μ L split (split ratio 10:1)

Liner:

4 mm split taper with wool

Inj. Temp.:

310 $^{\circ}$ C

Oven

Oven Temp.:

250 $^{\circ}$ C (hold 1 min) to 320 $^{\circ}$ C at 30 $^{\circ}$ C/min (hold 1.6 min)

Carrier Gas

Flow Rate:

He, constant flow

1.0 mL/min

Detector

Mode:

MS

Transfer Line Temp.:

SIM

Ionization Mode:

330 $^{\circ}$ C

EI



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