

66 % FASTER ANALYSIS TIME WITHOUT LOSING RESOLUTION

explore

LUNA[®]

HST
High Speed Technology



Speed and Efficiency

Luna 2.5 μm C18(2)-HST columns deliver high performance efficiencies comparable to sub-2 μm particle size columns at roughly half the backpressure. The technology allows for consistent, high performance results on newer *and* existing HPLC instrumentation. Get the benefit of sub-2 μm columns independent of system pressure capabilities.

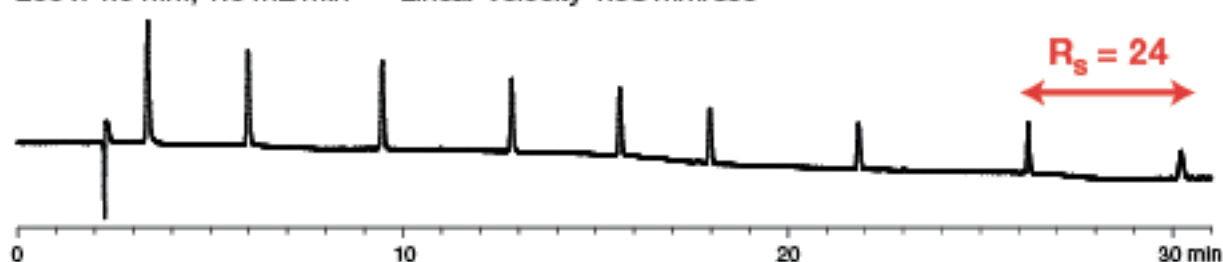
For tips to optimize your current system, please request Technical Note: TN-1032

Transfer Your Methods With Confidence!

Luna 2.5 μm C18(2)-HST utilizes the same high quality Luna media trusted around the world for excellent reproducibility, loadability and availability. Also, Luna 2.5 μm C18(2)-HST can be used with both your current standard HPLC and newer high performance systems, so there is no need for time-consuming method re-validation!

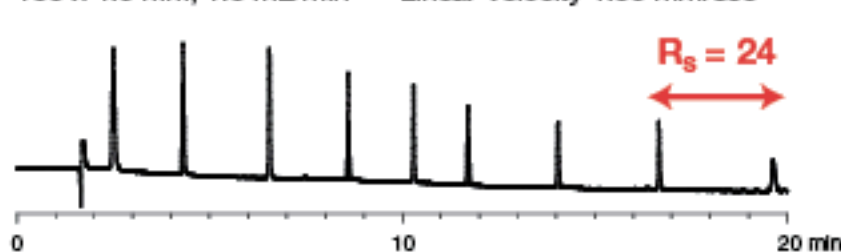
Luna[®] 5 μm C18(2)

250 x 4.6 mm, 1.5 mL/min Linear Velocity 1.98 mm/sec



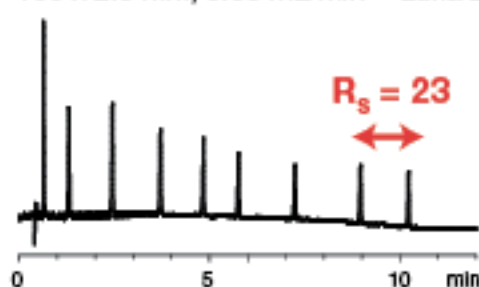
Luna[®] 3 μm C18(2)

150 x 4.6 mm, 1.5 mL/min Linear Velocity 1.50 mm/sec



Luna[®] 2.5 μm C18(2)-HST

100 x 2.0 mm, 0.65 mL/min Luna 2.5 μm C18(2) - HST



Run time reduced by
20 minutes
with virtually
no effect on resolution!

Conditions

Column: Luna[®] C18(2),
particle size as noted
Dimensions: As noted
Mobile Phase: A: Water
B: Acetonitrile
Gradient: 90:10 (A/B) to 5:95 (A/B)
Flow Rate: As noted
Detection: UV @ 270 nm
Sample: Ketones C₆ to C₁₀

ORDERING INFORMATION

High Speed Technology (HST) Columns (mm)

	50 x 2.0	50 x 3.0	50 x 4.6	100 x 2.0	100 x 3.0
Phases					
Luna [®] 2.5 μm C18(2)-HST	00B-4446-B0	00B-4446-Y0	–	00D-4446-B0	00D-4446-Y0
Alternative Selectivities					
Synergi [™] 2.5 μm Max-RP	00B-4372-B0	–	00B-4372-E0	00D-4372-B0	–
Synergi [™] 2.5 μm Polar-RP [™]	00B-4371-B0	–	00B-4371-E0	00D-4371-B0	–
Synergi [™] 2.5 μm Hydro-RP	00B-4387-B0	–	00B-4387-E0	00D-4387-B0	–
Synergi [™] 2.5 μm Fusion-RP	00B-4423-B0	–	00B-4423-E0	00D-4423-B0	–



If not completely satisfied with any product featured in this publication, RETURN IT WITHIN 45 DAYS FOR A FULL REFUND!

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...breaking with tradition[™]