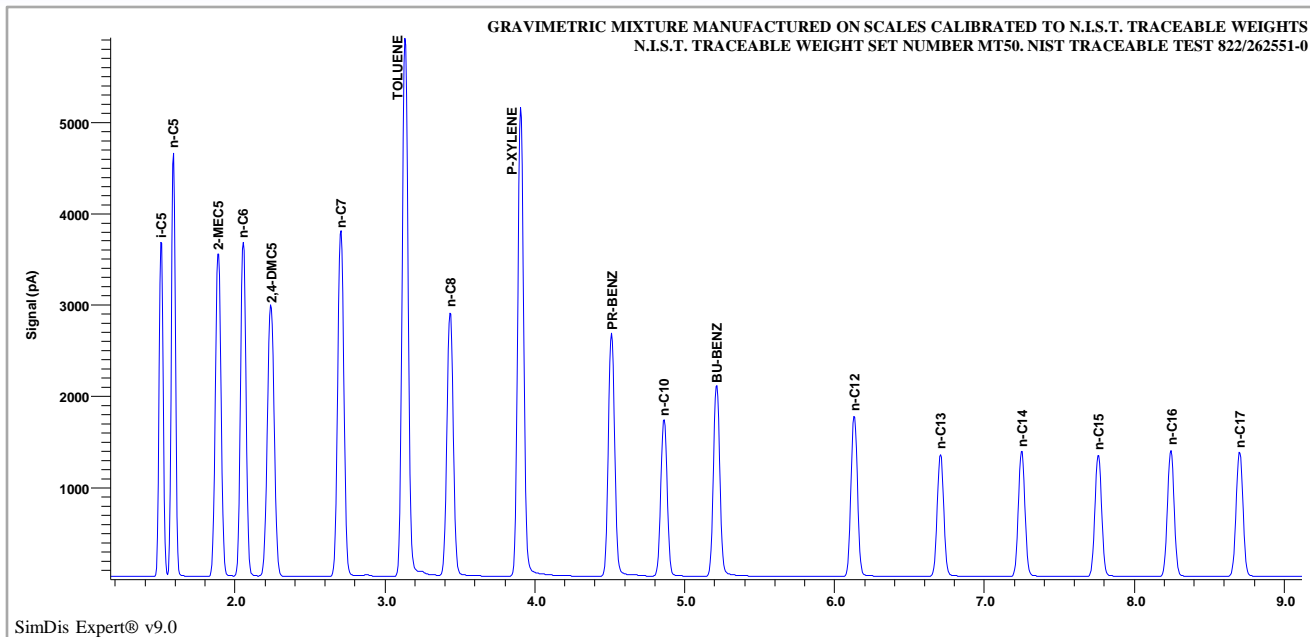


Certificate of Analysis

SD-007 Lot # N/A

GRAVIMETRIC MIXTURE MANUFACTURED ON SCALES CALIBRATED TO N.I.S.T. TRACEABLE WEIGHTS
N.I.S.T. TRACEABLE WEIGHT SET NUMBER MT50, NIST TRACEABLE TEST 822/262551-0



SD-007 Response Factor Standard for ASTM D3710 and D7096

Lot #: N/A Exp: N/A

Column: SD-003 (30m x 0.53mm x 5.0µm) **Inlet:** S/SL at 250°C with 50:1 split **Carrier:** UHP He; 5 mL/min (1 min hold) to 20 mL/min at 60 mL/min²
Oven: 40°C (1 min hold) to 260°C at 25°C/min (4 min final hold) **Detector:** FID at 300°C **Injection Volume:** 0.5 µL

Component		Weight %	Volume %
Isopentane	i-C5	4.85	5.75
n-Pentane	n-C5	6.16	7.23
2-Methylpentane	2-MEC5	6.82	7.68
n-Hexane	n-C6	6.79	7.58
2,4-Dimethylpentane	2,4-DMC5	6.99	7.66
n-Heptane	n-C7	7.98	8.59
Toluene	TOLUENE	11.25	9.54
n-Octane	n-C8	6.27	6.57
p-Xylene	P-XYLENE	9.83	8.41
n-Propylbenzene	PR-BENZ	5.45	4.65
n-Decane	n-C10	3.79	3.82
n-Butylbenzene	BU-BENZ	4.40	3.76
n-Dodecane	n-C12	3.92	3.86
n-Tridecane	n-C13	2.99	2.91
n-Tetradecane	n-C14	3.09	3.00
n-Pentadecane	n-C15	3.06	2.93
n-Hexadecane	n-C16	3.17	3.02
n-Heptadecane	n-C17	3.20	3.04
		100	100



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