MAGNETIC RESONANCE

SPECTROSCOPY
METHODOLOGY
METROLOGY

NMR-EsPy

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Description

Example estimation result for NMR-EsPy docs.

Experiment Information

Data path:	/opt/topspin4.0.8/examdata/exam1d_1H/1/pdata/1
Sweep Width:	5494.5055 Hz (10.9861ppm)
Transmitter Frequency:	500.1322 MHz
Basic Transmitter Frequency:	500.1300 MHz
Transmitter Offset:	2249.2060 Hz (4.4972ppm)
Spectral Region:	2643.2517 - 2590.7681Hz (5.2851 - 5.1802ppm)

Result

m	a_m	ϕ_m	f_m(Hz)	f_m (ppm)	η_m	$\int$	normalised $\int$
1	1.6086×10^4	-5.5352×10^{-3}	2.6020×10^3	5.2027	7.4556	8.8382×10^7	0.275 16
2	3.2920×10^4	2.8302×10^{-3}	2.6094×10^3	5.2175	6.7415	1.8087×10^8	0.563 12
3	1.6443×10^4	2.7258×10^{-4}	2.6118×10^3	5.2221	7.6353	9.0346×10^7	0.281 28
4	1.9644×10^4	1.6782×10^{-3}	2.6168×10^3	5.2322	8.56	1.0793×10^8	0.336 03
5	3.0082×10^4	2.2001×10^{-3}	2.6192×10^3	5.2369	6.3481	1.6528×10^8	0.514 58
6	723.92	1.2423×10^{-3}	2.6221×10^3	5.2428	5.1161	3.9775×10^6	0.012 383
7	2.2091×10^4	4.1350×10^{-3}	2.6263×10^3	5.2513	8.771	1.2138×10^8	0.377 89
8	871.53	1.3454×10^{-3}	2.6301×10^3	5.2588	7.3168	4.7885×10^6	0.014 908
9	4.9538×10^3	2.4237×10^{-3}	2.6366×10^3	5.2719	7.3795	2.7218×10^7	0.084 739