Original Survey Scan

411 - 4.14e-09

435 - 1.16e-08

487 - 4e-08

656 - 1.12e-07

Post-optimization peak analysis

SS2 (Pk1): 0.5, 411.126, 3.46e-09, SW=2

Shoulder: 411.032, 2.72e-09

SS3: (Pk2): 1.0, 434.965, 8.99e-09

Shoulder: 434.868, 5.31e-09

SS4: (Pk3): 1.0, 486.984, 3.22e-08

Shoulder: 486.873, 1.77e-08

SS5: (Pk4): 1.0, 657.094, 6.65e-08

Shoulder: 656.948, 3.95e-08

Input wavelengths (nm):

[[ 411.032 411.126]

[ 434.868 434.965]

[ 486.873 486.984]

[ 656.948 657.094]]

Wavelength in vacuum (nm):

[[ 411.14799078 411.24201541]

[ 434.99025086 435.0872764 ]

[ 487.00900051 487.12002997]

[ 657.12947827 657.27551753]]

Converting back to wavelength in air (nm):

[[ 411.03200235 411.12600235]

[ 434.86800218 434.96500218]

[ 486.8730019 486.9840019 ]

[ 656.94800134 657.09400134]]