



















Profile Summary

Generated 10-Sep-2018 08:11:22 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
MainOptimizing4	1	887.331 s	292.908 s	
MZM	1280	91.482 s	91.482 s	
DelayInterfG	6350	89.411 s	89.411 s	
std	3932160	85.906 s	16.832 s	
findpeaks	2816	82.202 s	1.621 s	
OpticalFFTGT	3810	76.389 s	23.612 s	
mean	8890902	69.584 s	69.584 s	
var	3932160	69.074 s	69.074 s	
findpeaks>getAllPeaks	2816	67.241 s	4.108 s	
MeasPower	3840	63.568 s	61.104 s	
findpeaks>findLocalMaxima	2816	63.133 s	63.133 s	
OpticalIFFTGT	2540	45.715 s	9.081 s	
FiltroGaussiano	2692	39.243 s	39.243 s	
ProagationDelayT	1	33.642 s	6.971 s	
SelectEachCarrier	1	15.970 s	13.046 s	
Fibra_Monomodo1	148	5.892 s	5.808 s	
fftshift	4121	5.848 s	5.848 s	
hist	5120	5.122 s	5.059 s	
findpeaks>parse_inputs	2816	4.167 s	3.604 s	
findpeaks>orderPeaks	2816	3.651 s	3.651 s	
linspace	7681	2.528 s	2.528 s	
findpeaks>removePeaksBelowThreshold	2816	2.385 s	2.385 s	

findpeaks>combinePeaks	2816	1.750 s	0.088 s	
union	2816	1.662 s	0.117 s	
rectpulse	2563	1.644 s	1.644 s	
union>unionR2012a	2816	1.544 s	0.281 s	
unique	2816	1.263 s	0.183 s	
findpeaks>removePeaksBelowMinPeakHeight	2816	1.108 s	1.108 s	
unique>uniqueR2012a	2816	1.081 s	1.081 s	
close	1281	0.972 s	0.070 s	
close>safegetchildren	1281	0.653 s	0.121 s	
Mapping4PamIqT	1280	0.616 s	0.598 s	
allchild	1281	0.531 s	0.311 s	
validatestring	8448	0.433 s	0.165 s	
close>getEmptyHandleList	1281	0.240 s	0.240 s	
flipud	5120	0.224 s	0.224 s	
...aksSeparatedByMoreThanMinPeakDistance	2816	0.213 s	0.213 s	
validatestring>checkString	8448	0.162 s	0.162 s	
validatestring>checkInputs	8448	0.106 s	0.106 s	
onCleanup>onCleanup.delete	1281	0.093 s	0.029 s	
target	16896	0.090 s	0.090 s	
...set(rootobj.'ShowHiddenHandles'.Temp)	1281	0.064 s	0.064 s	
axescheck	5120	0.064 s	0.064 s	
allchild>getchildren	1281	0.058 s	0.058 s	
onCleanup>onCleanup.onCleanup	1281	0.056 s	0.056 s	
findpeaks>keepAtMostNpPeaks	2816	0.040 s	0.040 s	
Set_MZ_Input_Data_Simp	5	0.027 s	0.022 s	
findpeaks>assignOutputs	2816	0.025 s	0.025 s	
signal\private\chkinputdatatype	5632	0.018 s	0.018 s	

isduration	8448	0.014 s	0.014 s	
uitools\private\allchildRootHelper	1281	0.013 s	0.013 s	
time2freq_lamb_2	1	0.008 s	0.006 s	
isdatetime	2816	0.007 s	0.007 s	
close>checkfigs	1281	0.005 s	0.005 s	
num2str	10	0.005 s	0.003 s	
close>request_close	1281	0.004 s	0.004 s	
Fibra_Monomodo_Input_Data	148	0.003 s	0.003 s	
time2freq	1	0.002 s	0.000 s	
int2str	10	0.002 s	0.002 s	
nextpow2	3	0.001 s	0.001 s	
pwd	4	0.000 s	0.000 s	

Self time is the time spent in a function excluding the time spent in its child functions. Self time also includes overhead resulting from the process of profiling.