Profile Summary

Generated 17-Sep-2018 02:08:02 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
MainOptimizing5	1	588.517 s	224.965 s	
Olho_mex (MEX-file)	256	108.979 s	108.979 s	
DelayInterfG	6350	86.732 s	86.732 s	
OpticalFFTGT	3810	73.559 s	21.860 s	
OpticalIFFTGT	2540	43.748 s	8.715 s	
ProgationDelayT	1	35.893 s	7.435 s	
MeasPower	512	24.891 s	24.891 s	
MZMGT	1280	23.557 s	23.557 s	
findpeaks	256	23.156 s	0.350 s	
RedDowOok_mex (MEX-file)	256	17.820 s	17.820 s	
SelectEachCarrier	1	17.080 s	14.032 s	
FiltroGaussiano	644	16.487 s	16.487 s	
findpeaks>getAllPeaks	256	14.645 s	0.736 s	
findpeaks>findLocalMaxima	256	13.909 s	13.909 s	
Fibra_Monomodo1	132	6.101 s	6.008 s	
findpeaks>orderPeaks	256	3.104 s	3.104 s	
fftshift	781	2.703 s	2.703 s	
findpeaks>removePeaksBelowThreshold	256	2.156 s	2.156 s	
findpeaks>combinePeaks	256	1.170 s	0.045 s	
union	256	1.125 s	0.015 s	
union>unionR2012a	256	1.110 s	0.188 s	

unique	256	0.922 s	0.025 s	
unique>uniqueR2012a	256	0.897 s	0.897 s	
findpeaks>removePeaksBelowMinPeakHeight	256	0.876 s	0.876 s	
rectpulse	259	0.778 s	0.778 s	
findpeaks>parse_inputs	256	0.668 s	0.603 s	
close	257	0.238 s	0.025 s	
...aksSeparatedByMoreThanMinPeakDistance	256	0.156 s	0.156 s	
close>safegetchildren	257	0.153 s	0.028 s	
allchild	257	0.125 s	0.073 s	
flipud	512	0.090 s	0.090 s	
close>getEmptyHandleList	257	0.057 s	0.057 s	
validatestring	768	0.049 s	0.019 s	
time2freq_lamb_2	5	0.034 s	0.029 s	
findpeaks>keepAtMostNpPeaks	256	0.029 s	0.029 s	
Set_MZ_Input_Data_Simp	5	0.026 s	0.021 s	
onCleanup>onCleanup.delete	257	0.022 s	0.007 s	
validatestring>checkString	768	0.018 s	0.018 s	
...set(rootobj,'ShowHiddenHandles',Temp)	257	0.015 s	0.015 s	
allchild>getchildren	257	0.013 s	0.013 s	
onCleanup>onCleanup.onCleanup	257	0.013 s	0.013 s	
validatestring>checkInputs	768	0.011 s	0.011 s	
target	1536	0.011 s	0.011 s	
mean	10	0.009 s	0.009 s	
num2str	10	0.005 s	0.003 s	
uitools\private\allchildRootHelper	257	0.003 s	0.003 s	
Fibra_Monomodo_Input_Data	132	0.003 s	0.003 s	
time2freq	1	0.003 s	0.001 s	

signal\private\chkinputdatatype	512	0.002 s	0.002 s	
findpeaks>assignOutputs	256	0.002 s	0.002 s	
int2str	10	0.002 s	0.002 s	
isduration	768	0.002 s	0.002 s	
close>checkfigs	257	0.002 s	0.002 s	
close>request_close	257	0.001 s	0.001 s	
linspace	1	0.001 s	0.001 s	
gpuDeviceCount	1	0.001 s	0.001 s	
nextpow2	3	0.001 s	0.001 s	
isdatetime	256	0.001 s	0.001 s	
GPUDevice.GPUDevice>GPUDevice.count	1	0.001 s	0.000 s	
pwd	4	0.000 s	0.000 s	
deviceCount	1	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.