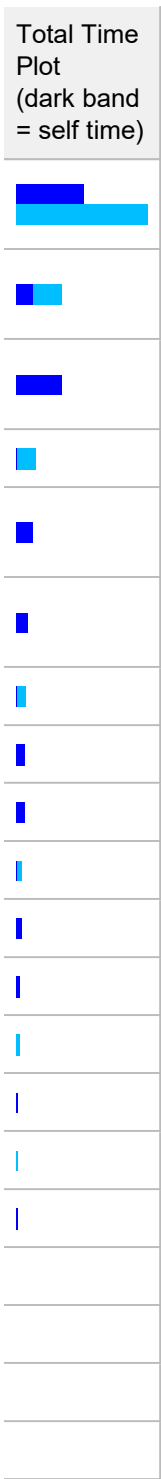


Profile Summary

Generated 13-Sep-2018 22:00:50 using performance time.

Function Name	Calls	Total Time	Self Time*
MainOptimizing5	1	2270.085 s	769.875 s
OpticalFFTNT	762	533.272 s	214.937 s
DelayInterfExp	1270	529.849 s	529.849 s
OpticalIFFTNT	508	237.421 s	25.907 s
MZM	256	170.973 s	170.973 s
mean	2593290	146.127 s	146.127 s
std	786432	108.239 s	20.093 s
RecDowPam4_mex (MEX-file)	256	96.435 s	96.435 s
var	786432	88.146 s	88.146 s
ProagationDelayT	1	58.654 s	13.655 s
FiltroGaussiano	644	58.535 s	58.535 s
MeasPower	512	42.338 s	42.338 s
findpeaks	256	35.595 s	0.651 s
SelectEachCarrier	1	29.741 s	25.541 s
findpeaks>getAllPeaks	256	21.662 s	1.158 s
findpeaks>findLocalMaxima	256	20.503 s	20.503 s
Fibra_Monomodo1	132	11.008 s	10.862 s
Maping4PamIqT	256	10.360 s	10.346 s
fftshift	781	5.201 s	5.201 s
findpeaks>orderPeaks	256	4.824 s	4.824 s



rectpulse	515	4.769 s	4.769 s
findpeaks>removePeaksBelowThreshold	256	3.611 s	3.611 s
findpeaks>combinePeaks	256	1.989 s	0.090 s
union	256	1.899 s	0.038 s
union>unionR2012a	256	1.861 s	0.293 s
unique	256	1.568 s	0.072 s
unique>uniqueR2012a	256	1.496 s	1.496 s
findpeaks>removePeaksBelowMinPeakHeight	256	1.419 s	1.419 s
findpeaks>parse_inputs	256	1.196 s	0.938 s
close	257	0.571 s	0.047 s
close>safegetchildren	257	0.388 s	0.065 s
allchild	257	0.322 s	0.189 s
flipud	1024	0.219 s	0.219 s
validatestring	768	0.187 s	0.065 s
...aksSeparatedByMoreThanMinPeakDistance	256	0.178 s	0.178 s
close>getEmptyHandleList	257	0.129 s	0.129 s
validatestring>checkString	768	0.079 s	0.079 s
findpeaks>keepAtMostNpPeaks	256	0.058 s	0.058 s
onCleanup>onCleanup.delete	257	0.055 s	0.018 s
target	1536	0.052 s	0.052 s
time2freq_lamb_2	5	0.050 s	0.041 s
validatestring>checkInputs	768	0.043 s	0.043 s
Set_MZ_Input_Data_Simp	5	0.042 s	0.031 s
...set(rootobj,'ShowHiddenHandles',Temp)	257	0.038 s	0.038 s
onCleanup>onCleanup.onCleanup	257	0.034 s	0.034 s
allchild>getchildren	257	0.034 s	0.034 s
linspace	257	0.016 s	0.016 s

num2str	10	0.010 s	0.007 s
uitools\private\allchildRootHelper	257	0.010 s	0.010 s
signal\private\chkinputdatatype	512	0.010 s	0.010 s
findpeaks>assignOutputs	256	0.008 s	0.008 s
Fibra_Monomodo_Input_Data	132	0.008 s	0.008 s
isduration	768	0.007 s	0.007 s
time2freq	1	0.005 s	0.001 s
close>request_close	257	0.004 s	0.004 s
close>checkfigs	257	0.004 s	0.004 s
int2str	10	0.003 s	0.003 s
isdatetime	256	0.003 s	0.003 s
nextpow2	3	0.003 s	0.003 s
gpuDeviceCount	1	0.001 s	0.000 s
pwd	4	0.001 s	0.001 s
GPUDevice.GPUDevice>GPUDevice.count	1	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 function. Self time also includes overhead resulting from the process of profiling.

ns. Self