

Profile Summary

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Function Name	Calls	Total Time	Self Time*
MainOptimizing4	1	1042.599 s	171.543 s
OpticalFFTNT	762	294.247 s	117.734 s
DelayInterfExp	1270	293.629 s	293.629 s
findpeaks	1792	136.746 s	2.143 s
OpticalIFFTNT	508	131.533 s	14.418 s
Olho_mex (MEX-file)	256	100.633 s	100.633 s
MZM	256	98.314 s	98.314 s
findpeaks>getAllPeaks	1792	82.097 s	4.079 s
findpeaks>findLocalMaxima	1792	78.019 s	78.019 s
MeasPower	1792	35.204 s	32.645 s
ProagationDelayT	1	34.197 s	7.046 s
findpeaks>orderPeaks	1792	23.402 s	23.402 s
mean	3056650	20.208 s	20.208 s
FiltroGaussiano	644	16.157 s	16.157 s
SelectEachCarrier	1	16.044 s	13.106 s
findpeaks>removePeaksBelowThreshold	1792	12.439 s	12.439 s
findpeaks>combinePeaks	1792	6.770 s	0.248 s
union	1792	6.522 s	0.086 s
union>unionR2012a	1792	6.436 s	1.085 s
Fibra_Monomodo1	132	6.027 s	5.931 s



fftshift	1037	5.488 s	5.488 s
unique	1792	5.351 s	0.135 s
hist	768	5.275 s	5.263 s
unique>uniqueR2012a	1792	5.217 s	5.217 s
findpeaks>removePeaksBelowMinPeakHeight	1792	5.093 s	5.093 s
findpeaks>parse_inputs	1792	3.699 s	3.312 s
linspace	2049	2.569 s	2.569 s
...aksSeparatedByMoreThanMinPeakDistance	1792	0.922 s	0.922 s
rectpulse	259	0.796 s	0.796 s
validatestring	5376	0.296 s	0.114 s
close	257	0.215 s	0.019 s
findpeaks>keepAtMostNpPeaks	1792	0.165 s	0.165 s
close>safegetchildren	257	0.142 s	0.027 s
allchild	257	0.115 s	0.067 s
validatestring>checkString	5376	0.111 s	0.111 s
flipud	512	0.081 s	0.081 s
validatestring>checkInputs	5376	0.072 s	0.072 s
target	10752	0.063 s	0.063 s
close>getEmptyHandleList	257	0.052 s	0.052 s
time2freq_lamb_2	5	0.035 s	0.029 s
Set_MZ_Input_Data_Simp	5	0.030 s	0.025 s
onCleanup>onCleanup.delete	257	0.021 s	0.007 s
findpeaks>assignOutputs	1792	0.015 s	0.015 s
...set(rootobj,'ShowHiddenHandles',Temp)	257	0.014 s	0.014 s
signal\private\chkinputdatatype	3584	0.013 s	0.013 s
axescheck	768	0.012 s	0.012 s
allchild>getchildren	257	0.012 s	0.012 s

onCleanup>onCleanup.onCleanup	257	0.012 s	0.012 s
isduration	5376	0.009 s	0.009 s
isdatetime	1792	0.005 s	0.005 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
int2str	10	0.002 s	0.002 s
close>request_close	257	0.001 s	0.001 s
close>checkfigs	257	0.001 s	0.001 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 function. Self time also includes overhead resulting from the process of profiling.

ns. Self