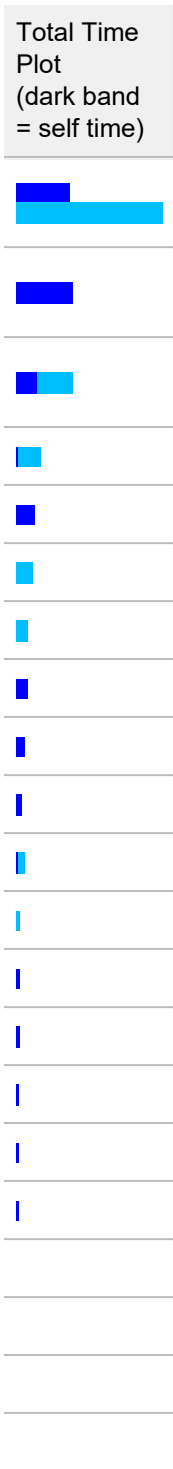


Profile Summary

Generated 10-Sep-2018 10:43:56 using performance time.

Function Name	Calls	Total Time	Self Time*
MainOptimizing4	1	1034.167 s	277.185 s
DelayInterfExp	1270	293.180 s	293.180 s
OpticalFFTNT	762	291.654 s	115.519 s
OpticalIFFTNT	508	131.333 s	14.287 s
MZM	256	93.645 s	93.645 s
findpeaks	1792	81.458 s	1.581 s
findpeaks>getAllPeaks	1792	67.189 s	4.072 s
findpeaks>findLocalMaxima	1792	63.117 s	63.117 s
FiltroGaussiano	644	37.950 s	37.950 s
MeasPower	1792	34.970 s	32.406 s
ProagationDelayT	1	33.895 s	7.058 s
std	786432	23.746 s	4.364 s
mean	2593290	23.665 s	23.665 s
var	786432	19.383 s	19.383 s
SelectEachCarrier	1	16.027 s	13.047 s
Fibra_Monomodo1	132	5.978 s	5.882 s
fftshift	1037	5.412 s	5.412 s
hist	1024	4.743 s	4.728 s
findpeaks>orderPeaks	1792	3.661 s	3.661 s
findpeaks>parse_inputs	1792	3.643 s	3.263 s
linspace	2561	2.580 s	2.580 s



findpeaks>removePeaksBelowThreshold	1792	2.406 s	2.406 s
findpeaks>combinePeaks	1792	1.634 s	0.079 s
rectpulse	515	1.565 s	1.565 s
union	1792	1.555 s	0.091 s
union>unionR2012a	1792	1.464 s	0.256 s
unique	1792	1.208 s	0.138 s
findpeaks>removePeaksBelowMinPeakHeight	1792	1.105 s	1.105 s
unique>uniqueR2012a	1792	1.070 s	1.070 s
Mapping4PamlqT	256	0.395 s	0.391 s
validatestring	5376	0.290 s	0.111 s
close	257	0.220 s	0.019 s
...aksSeparatedByMoreThanMinPeakDistance	1792	0.185 s	0.185 s
flipud	1024	0.169 s	0.169 s
close>safegetchildren	257	0.146 s	0.027 s
allchild	257	0.119 s	0.070 s
validatestring>checkString	5376	0.107 s	0.107 s
validatestring>checkInputs	5376	0.071 s	0.071 s
target	10752	0.064 s	0.064 s
close>getEmptyHandleList	257	0.052 s	0.052 s
findpeaks>keepAtMostNpPeaks	1792	0.037 s	0.037 s
time2freq_lamb_2	5	0.034 s	0.028 s
Set_MZ_Input_Data_Simp	5	0.026 s	0.020 s
onCleanup>onCleanup.delete	257	0.021 s	0.007 s
findpeaks>assignOutputs	1792	0.015 s	0.015 s
axescheck	1024	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

allchild>getchildren	257	0.013 s	0.013 s
onCleanup>onCleanup.onCleanup	257	0.012 s	0.012 s
isduration	5376	0.009 s	0.009 s
num2str	10	0.006 s	0.004 s
isdatetime	1792	0.005 s	0.005 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>checkfigs	257	0.001 s	0.001 s
close>request_close	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