Profile Summary

Generated 10-Sep-2018 09:20:23 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
MainOptimizing4	1	794.762 s	241.314 s	
<u>findpeaks</u>	1536	128.735 s	2.150 s	-
<u>DelayInterfG</u>	7630	107.773 s	107.773 s	
<u>MZM</u>	1280	94.464 s	94.464 s	
findpeaks>getAllPeaks	1536	81.136 s	4.051 s	
<u>MeasPower</u>	3840	80.028 s	77.501 s	
findpeaks>findLocalMaxima	1536	77.086 s	77.086 s	
<u>OpticalFFTGT</u>	3810	76.394 s	23.602 s	
Olho_mex (MEX-file)	1280	49.377 s	49.377 s	
<u>OpticalIFFTGT</u>	2540	45.985 s	9.140 s	
<u>ProgationDelayT</u>	1	33.738 s	6.975 s	I
<u>FiltroGaussiano</u>	2692	18.627 s	18.627 s	I
findpeaks>orderPeaks	1536	17.060 s	17.060 s	I
<u>SelectEachCarrier</u>	1	16.042 s	13.077 s	I
findpeaks>removePeaksBelowThreshold	1536	12.174 s	12.174 s	I
mean	1020182	7.107 s	7.107 s	I
findpeaks>combinePeaks	1536	6.611 s	0.240 s	I
union	1536	6.372 s	0.079 s	I
union>unionR2012a	1536	6.293 s	1.064 s	I
fftshift	4121	6.196 s	6.196 s	I
Fibra_Monomodo1	148	5.917 s	5.833 s	I

unique 1536 5.229 s 0.120 s I unique≥uniqueR2012a 1536 5.108 s 5.108 s I findpeaks≥removePeaksBelowMinPeakHeight 1536 5.032 s 5.032 s I findpeaks≥parse_inputs 1536 3.508 s 3.185 s I linspace 2561 2.551 s 2.551 s I close 1281 0.998 s 0.077 s I uaksSeparatedByMoreThanMinPeakDistance 1536 0.903 s 0.903 s I rectpulse 1283 0.847 s 0.847 s I close≥safegetchildren 1281 0.540 s 0.317 s I allchild 1281 0.540 s 0.317 s I DpskEncodEqT 1280 0.312 s 0.312 s I close≥getEmptyHandleList 1281 0.248 s 0.248 s I validatestring 4608 0.243 s 0.094 s I findpeaks≥keepAtMostNpPeaks 1536 0.151 s 0.151 s I					
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uitools\private\allchildRootHelper 1281 0.014 s 0.014 s	axescheck	1280	0.027 s	0.027 s	
· · · · · · · · · · · · · · · · · · ·	Set_MZ_Input_Data_Simp	5	0.025 s	0.020 s	
signal\private\chkinputdatatype 3072 0.011 s 0.011 s	uitools\private\allchildRootHelper	1281	0.014 s	0.014 s	
	signal\private\chkinputdatatype	3072	0.011 s	0.011 s	

time2freq_lamb_2	1	0.009 s	0.006 s
findpeaks>assignOutputs	1536	0.009 s	0.009 s
isduration	4608	0.008 s	0.008 s
close>checkfigs	1281	0.005 s	0.005 s
num2str	10	0.005 s	0.003 s
<u>isdatetime</u>	1536	0.005 s	0.005 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	0.001 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.