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
<u>DelayInterfExp</u>	1270	293.180 s	293.180 s
<u>OpticalFFTNT</u>	762	291.654 s	115.519 s
<u>OpticalIFFTNT</u>	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
<u>FiltroGaussiano</u>	644	37.950 s	37.950 s
MeasPower	1792	34.970 s	32.406 s
<u>ProgationDelayT</u>	1	33.895 s	7.058 s
<u>std</u>	786432	23.746 s	4.364 s
<u>mean</u>	2593290	23.665 s	23.665 s
<u>var</u>	786432	19.383 s	19.383 s
<u>SelectEachCarrier</u>	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

Total Time Plot (dark band = self time)





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	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
<u>isdatetime</u>	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 functio time also includes overhead resulting from the process of profiling.

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