

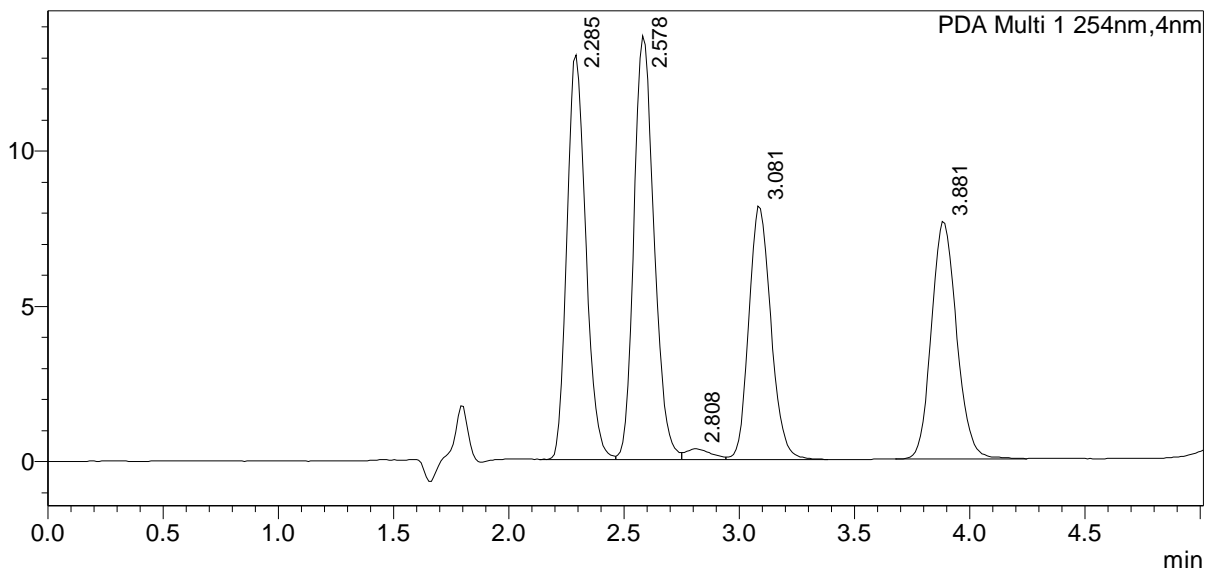
==== Shimadzu LabSolutions Analysis Report ====

Sample Name : STD
Sample ID : 1
Data Filename : PDA_Demo_Data-001.lcd
Method Filename : PDA_Method.lcm
Batch Filename : PDA_Batch.lcb
Vial # : 1-1
Injection Volume : 10 uL
Date Acquired : 1/16/2003 5:23:33 AM
Date Processed : 4/23/2010 9:21:40 PM

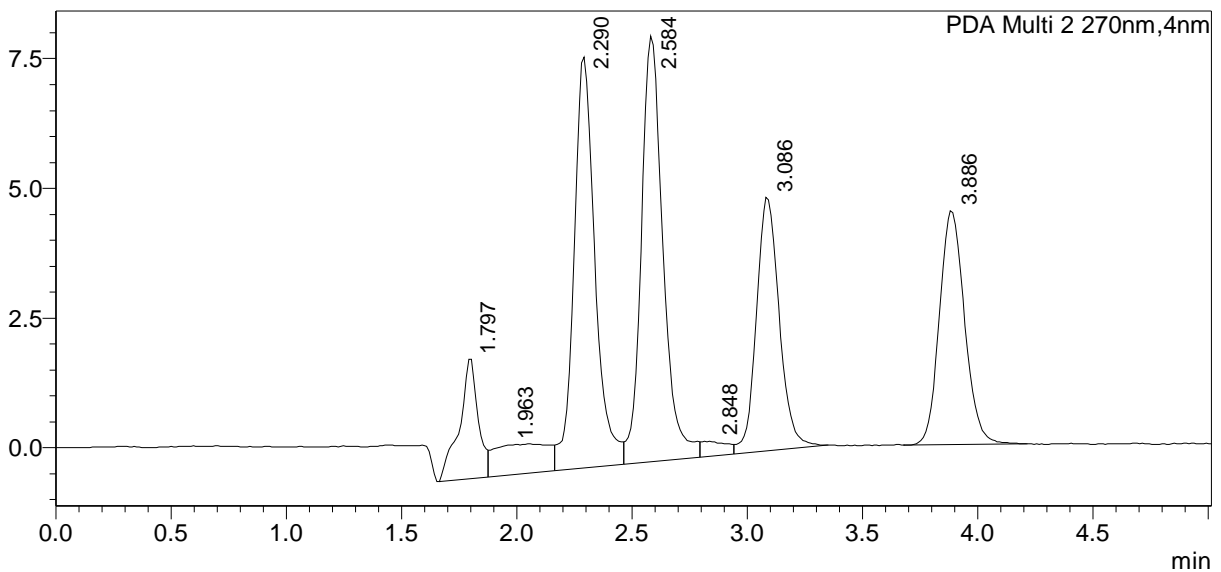
Sample Type : Standard
Level : 1
Acquired by : SHIMADZU
Processed by : System Administrator

<PDA Chromatogram>

mAU



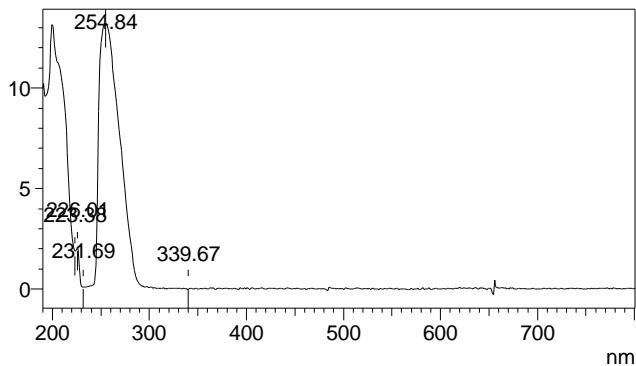
mAU



<UV Spectrum>

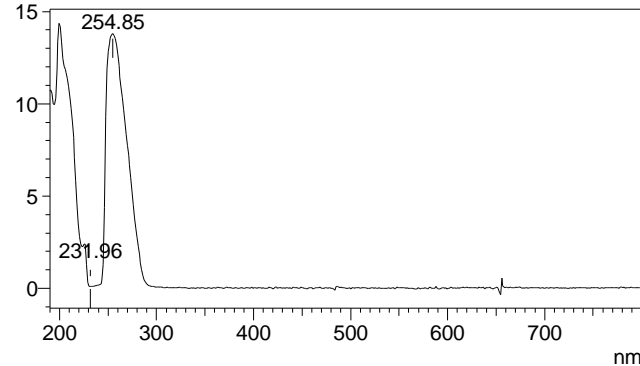
ID# : 1
Ret. Time : 2.285 min
Name : Methyl paraben
Operation : None

mAU



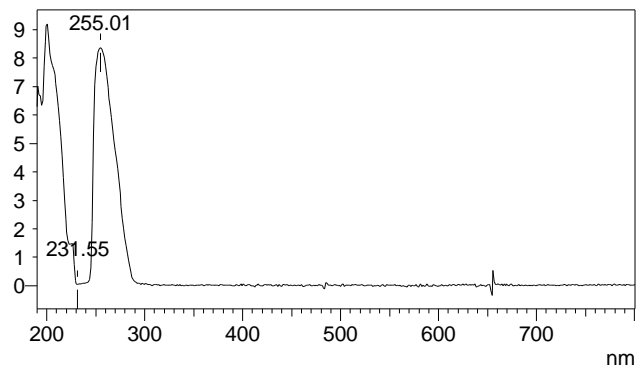
ID# : 2
Ret. Time : 2.578 min
Name : Ethyl paraben
Operation : None

mAU



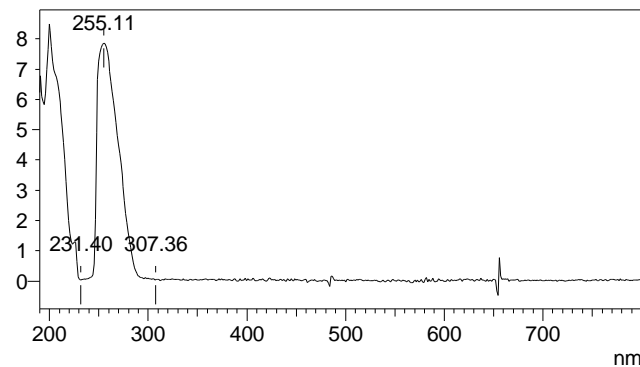
ID# : 3
Ret. Time : 3.081 min
Name : Propyl paraben
Operation : None

mAU



ID# : 4
Ret. Time : 3.881 min
Name : Butyl paraben
Operation : None

mAU



<UV Library Search>

<UV Library Filename>

Sample.lib

<Search Parameters>

Search WL Range : 190nm - 800nm

Max # of Hits : 4

<Target Spectrum>

ID# : 1

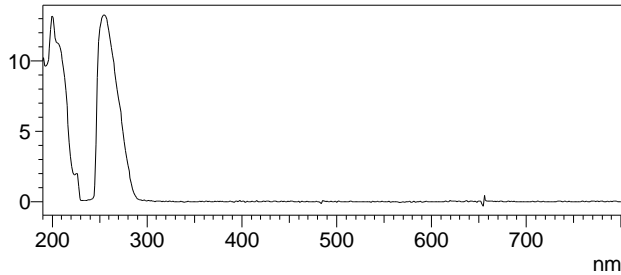
Ret. Time : 2.285 min

Name : Methyl paraben

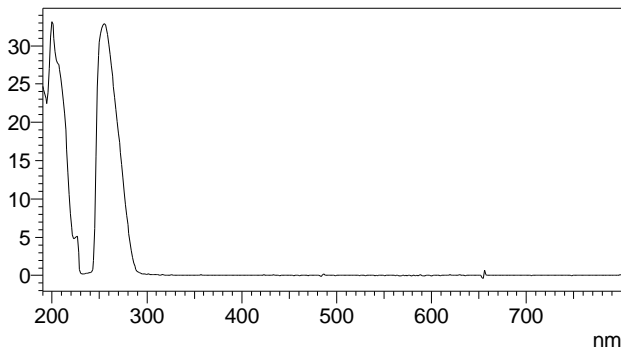
Lambda Max : 254.84/226.01

Operation : None

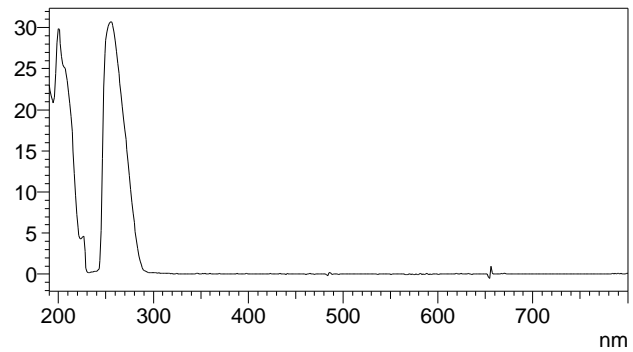
mAU



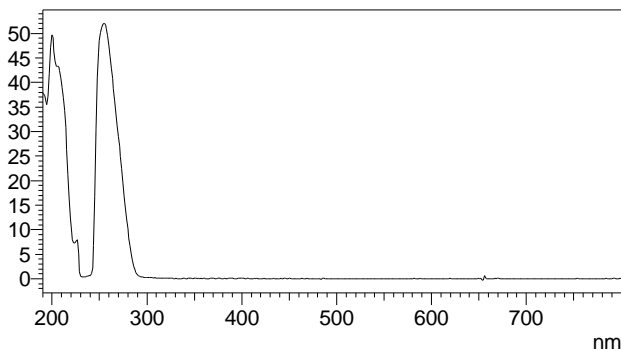
Serial# : 3
 Name : Propyl paraben
 Operation : None
 Similarity : 0.999019



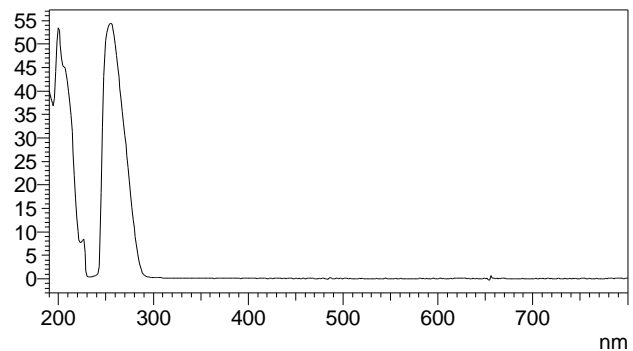
Serial# : 4
 Name : Butyl paraben
 Operation : None
 Similarity : 0.998938



Serial# : 1
 Name : Methyl paraben
 Operation : None
 Similarity : 0.996971



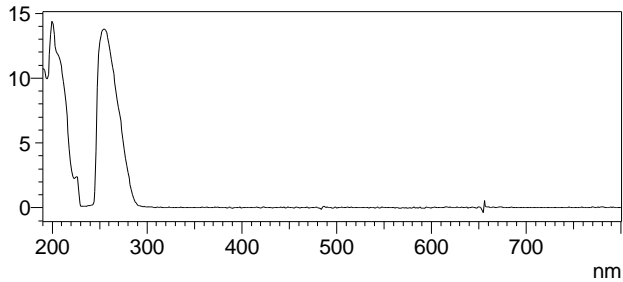
Serial# : 2
 Name : Ethyl paraben
 Operation : None
 Similarity : 0.996701



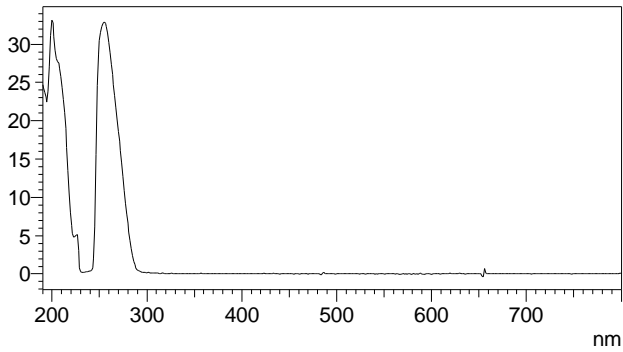
Similarity	Serial#	Compound Name	Ret. Time	Lambda max	Spectrum Operation
0.999019	3	Propyl paraben	3.077	255.05/226.03	None
0.998938	4	Butyl paraben	3.876	255.09/226.06	None
0.996971	1	Methyl paraben	2.279	254.85/226.10	None
0.996701	2	Ethyl paraben	2.573	254.93/226.11	None

<Target Spectrum>

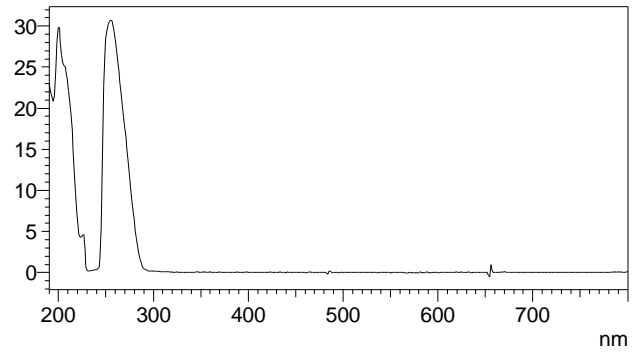
ID# : 2
 Ret. Time : 2.578 min
 Name : Ethyl paraben
 Lambda Max : 254.85
 Operation : None
 mAU



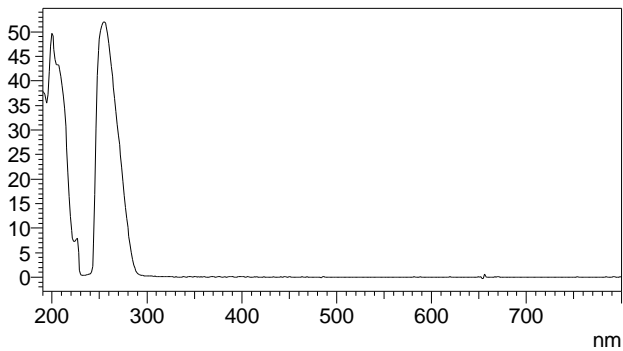
Serial# : 3
 Name : Propyl paraben
 Operation : None
 Similarity : 0.999063



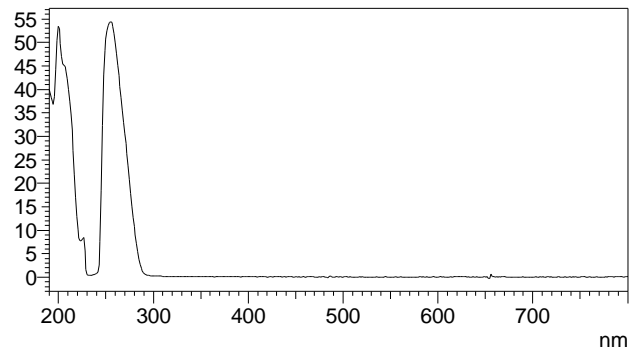
Serial# : 4
 Name : Butyl paraben
 Operation : None
 Similarity : 0.998815



Serial# : 1
 Name : Methyl paraben
 Operation : None
 Similarity : 0.996719



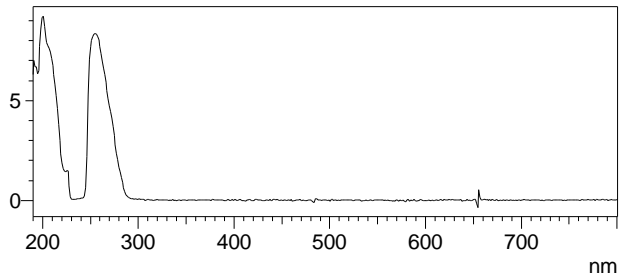
Serial# : 2
 Name : Ethyl paraben
 Operation : None
 Similarity : 0.996628



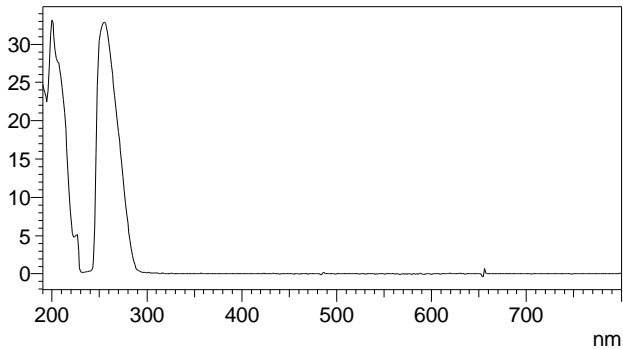
Similarity	Serial#	Compound Name	Ret. Time	Lambda max	Spectrum Operation
0.999063	3	Propyl paraben	3.077	255.05/226.03	None
0.998815	4	Butyl paraben	3.876	255.09/226.06	None
0.996719	1	Methyl paraben	2.279	254.85/226.10	None
0.996628	2	Ethyl paraben	2.573	254.93/226.11	None

<Target Spectrum>

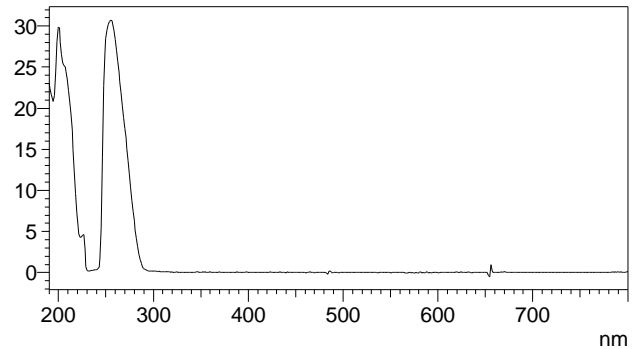
ID# : 3
 Ret. Time : 3.081 min
 Name : Propyl paraben
 Lambda Max : 255.01
 Operation : None
 mAU



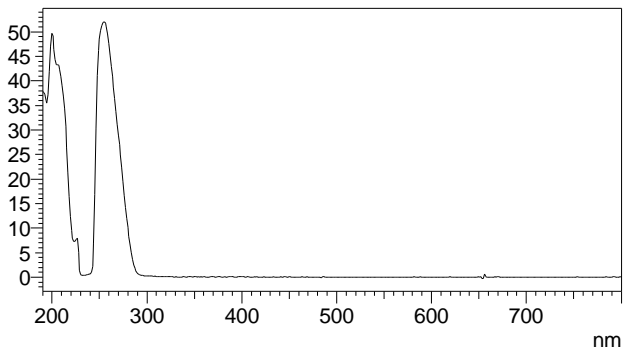
Serial# : 3
 Name : Propyl paraben
 Operation : None
 Similarity : 0.997258



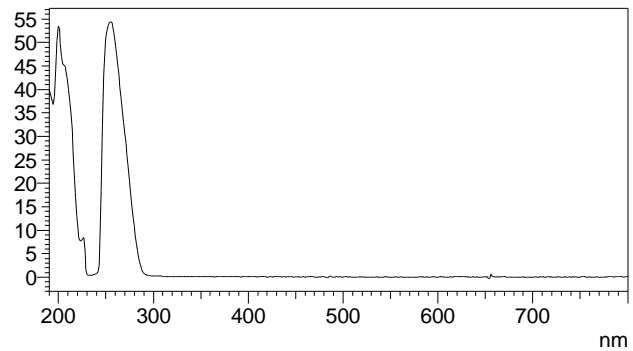
Serial# : 4
 Name : Butyl paraben
 Operation : None
 Similarity : 0.996587



Serial# : 1
 Name : Methyl paraben
 Operation : None
 Similarity : 0.994149



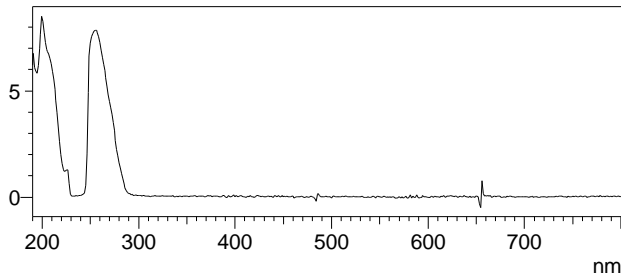
Serial# : 2
 Name : Ethyl paraben
 Operation : None
 Similarity : 0.994010



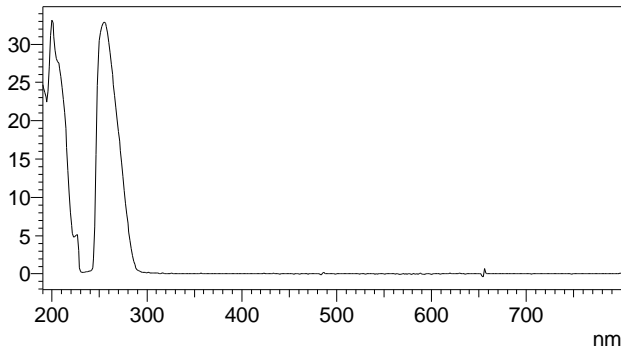
Similarity	Serial#	Compound Name	Ret. Time	Lambda max	Spectrum Operation
0.997258	3	Propyl paraben	3.077	255.05/226.03	None
0.996587	4	Butyl paraben	3.876	255.09/226.06	None
0.994149	1	Methyl paraben	2.279	254.85/226.10	None
0.994010	2	Ethyl paraben	2.573	254.93/226.11	None

<Target Spectrum>

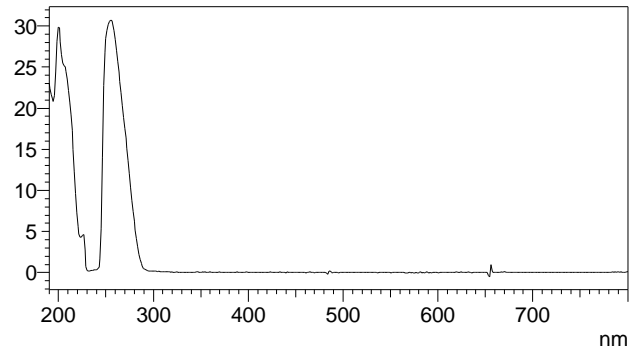
ID# : 4
 Ret. Time : 3.881 min
 Name : Butyl paraben
 Lambda Max : 255.11
 Operation : None
 mAU



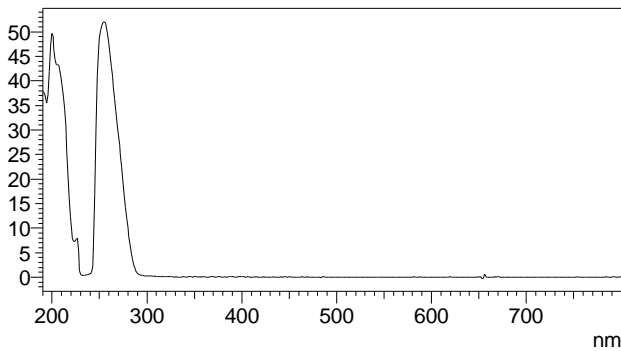
Serial# : 3
 Name : Propyl paraben
 Operation : None
 Similarity : 0.997766



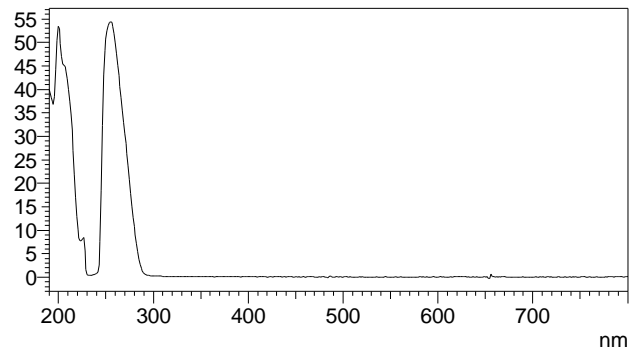
Serial# : 4
 Name : Butyl paraben
 Operation : None
 Similarity : 0.997514



Serial# : 1
 Name : Methyl paraben
 Operation : None
 Similarity : 0.994727



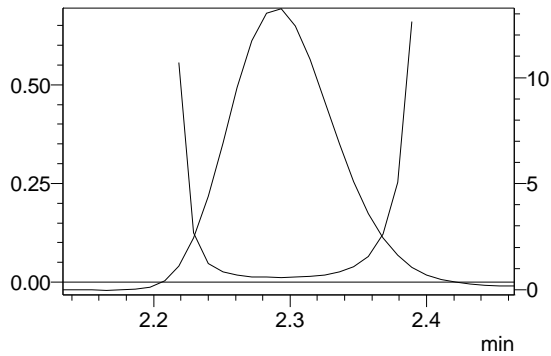
Serial# : 2
 Name : Ethyl paraben
 Operation : None
 Similarity : 0.994693



Similarity	Serial#	Compound Name	Ret. Time	Lambda max	Spectrum Operation
0.997766	3	Propyl paraben	3.077	255.05/226.03	None
0.997514	4	Butyl paraben	3.876	255.09/226.06	None
0.994727	1	Methyl paraben	2.279	254.85/226.10	None
0.994693	2	Ethyl paraben	2.573	254.93/226.11	None

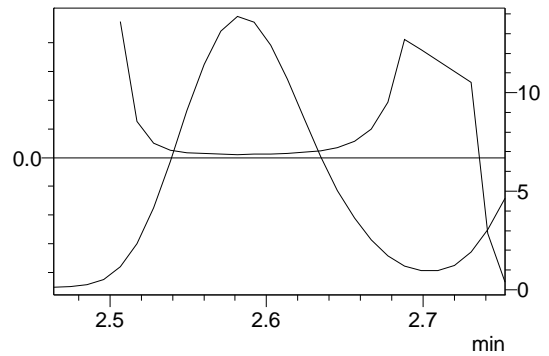
<Peak Purity>

ID# : 1
 Ret. Time : 2.285 min
 Name : Methyl paraben



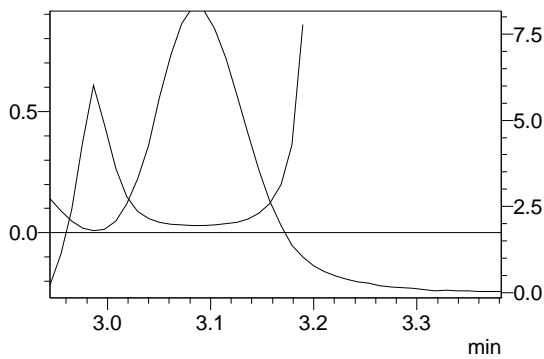
Impurity : Not Detected
 Minimum peak purity index : 0.999999
 Single point threshold : 0.987774
 Peak purity index : 12224

ID# : 2
 Ret. Time : 2.578 min
 Name : Ethyl paraben



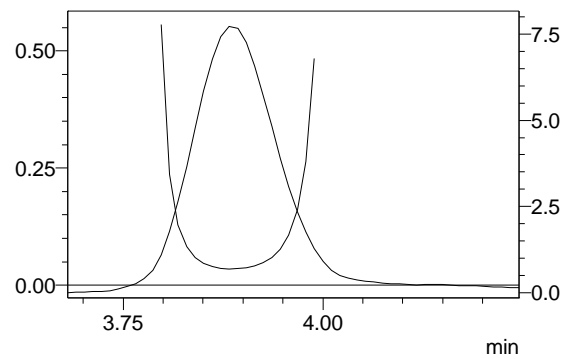
Impurity : Detected at 2.75 min
 Minimum peak purity index : 0.452236
 Single point threshold : 0.886148
 Peak purity index : -433911

ID# : 3
 Ret. Time : 3.081 min
 Name : Propyl paraben



Impurity : Detected at 2.94 min
 Minimum peak purity index : 0.443992
 Single point threshold : 0.659801
 Peak purity index : -215808

ID# : 4
 Ret. Time : 3.881 min
 Name : Butyl paraben



Impurity : Not Detected
 Minimum peak purity index : 1.000000
 Single point threshold : 0.964997
 Peak purity index : 35002