

Table 4. Varimax rotated factor matrix.

Factor	Principal Component			
	1	2	3	4
( <i>Z,E</i> )-2,4-Nonadienal	<b>0.975</b>			
Linoleic acid	<b>0.965</b>			
( <i>Z,E</i> )-2,4-Decadienal	<b>0.962</b>			
( <i>E,E</i> )-2,4-Decadienal	<b>0.958</b>			
( <i>E</i> )-2-Heptenal	<b>0.957</b>	0.208		
( <i>E,E</i> )-2,4-Nonadienal	<b>0.948</b>			
( <i>E</i> )-2-Hexenal	<b>0.938</b>	0.247		
Hexanal	<b>0.902</b>	0.404		
( <i>E</i> )-2-Octenal	<b>0.859</b>	0.486		
Pentanal	<b>0.854</b>			
ABS 390 nm	<b>0.690</b>		<b>0.647</b>	0.232
Heptanal	0.200	<b>0.960</b>		
( <i>E</i> )-2-Undecenal		<b>0.957</b>		
( <i>E</i> )-2-Nonenal		<b>0.953</b>		
Octanal		<b>0.935</b>		
Nonanal		<b>0.931</b>		
( <i>E</i> )-2-Decenal		<b>0.926</b>		
Oleic acid		<b>0.646</b>		
( <i>E,E</i> )-2,4-Heptadienal			<b>0.966</b>	
( <i>E</i> )-2-Butenal			<b>0.965</b>	
( <i>Z,E</i> )-2,4-Heptadienal			<b>0.950</b>	0.271
$\alpha$ -linolenic acid			<b>0.948</b>	
ABS 532 nm		0.428	0.505	0.430
DHA				<b>0.961</b>
( <i>E,E</i> )-2,4-Hexadienal			0.275	<b>0.932</b>
( <i>E</i> )-2-Propenal			0.593	<b>0.748</b>
( <i>E</i> )-2-Pentenal		0.236	0.578	<b>0.636</b>