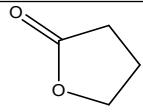
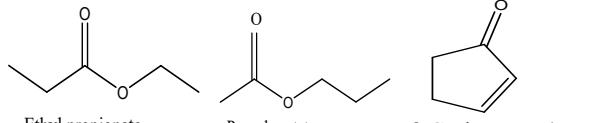
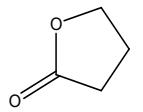
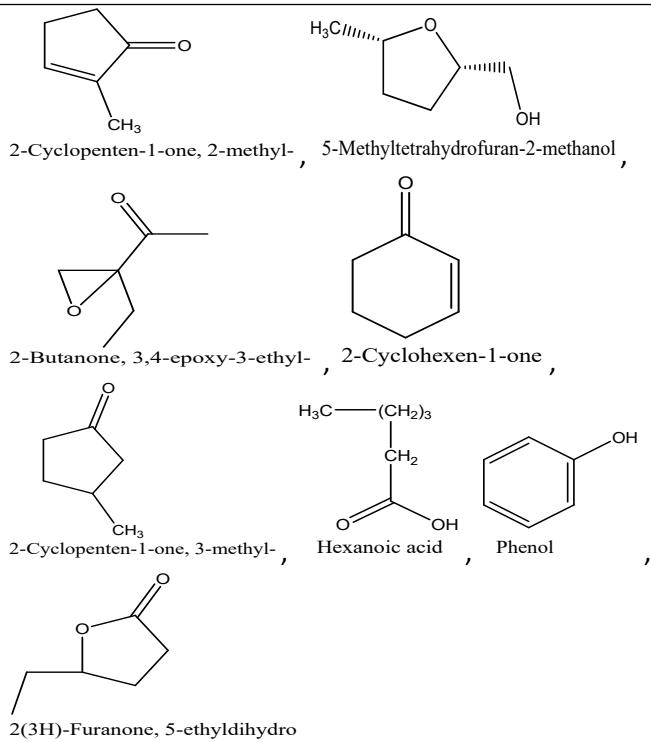
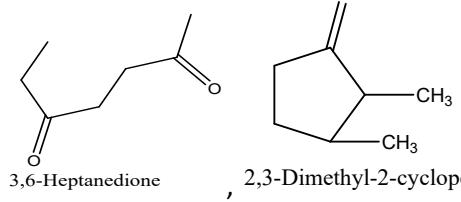
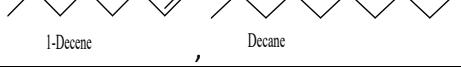
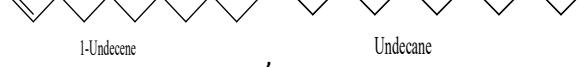
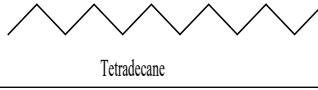
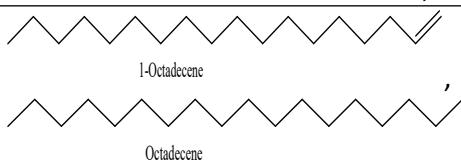
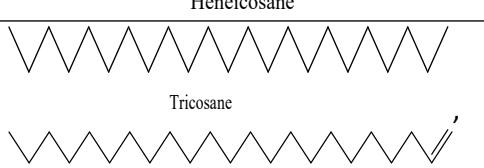
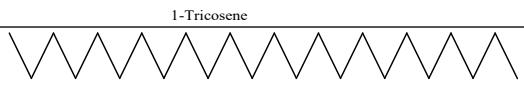


Appendix (A.1) Fuel types and hydrocarbons chains

Fuel types	Hydrocarbons	Probable Chemical structure
WPM oil	C <sub>4</sub>	 2-Butyrolactone
	C <sub>5</sub>	 Ethyl propionate , Propyl acetate , 2-Cyclopenten-1-one ,  2(3H)-Furanone, dihydro-5-methyl-
	C <sub>6</sub>	 2-Cyclopenten-1-one, 2-methyl- , 5-Methyltetrahydrofuran-2-methanol , 2-Butanone, 3,4-epoxy-3-ethyl- , 2-Cyclohexen-1-one , 2-Cyclopenten-1-one, 3-methyl- , Hexanoic acid , Phenol , 2(3H)-Furanone, 5-ethyldihydro
	C <sub>7</sub>	 3,6-Heptanedione , 2,3-Dimethyl-2-cyclopenten-1-one ,
	C <sub>10</sub>	 1-Decene , Decane ,
	C <sub>11</sub>	 1-Undecene , Undecane ,
	C <sub>12</sub>	 1-Dodecene , Dodecane ,

	C <sub>13</sub>	 1-Tridecene , Tridecane
	C <sub>14</sub>	 Tetradecane
	C <sub>15</sub>	 1-Pentadecene , Pentadecane
	C <sub>16</sub>	 1-Hexadecene , Hexadecane
	C <sub>17</sub>	 1-Heptadecene , Heptadecane
	C <sub>18</sub>	 1-Octadecene , Octadecene
	C <sub>19</sub>	 1-Nonadecene
	C <sub>21</sub>	 Heneicosane
	C <sub>23</sub>	 Tricosane 1-Tricosene
	C <sub>24</sub>	 Tetracosane