

Product		Chemical Formula	Ref.																				
1	α-Olefins	Varies	106																				
2	α-Methylstyrene	C9H10	37	42	106																		
3	α-Copaen-11-ol	C15H26O	45																				
4	Z-7-Hexadecenoic acid	C16H30O2	42																				
5	Z-12-Pentacosene	C25H50	42																				
6	Xylenes	C8H10	87	106	34		9		32	37	56	80											
7	Waxes	Varies	8	13	37		54		67														
8	Vanillin	C8H8O3	9	30	43		45		45	71	74	76	76	92	98	107	114	114	116	118	139		
9	Ursodeoxycholic acid	C24H40O4	133	128																			
10	Undecane	C11H24	42																				
11	Tris(tert-butyldimethylsilyloxy)arsane	C18H45AsO3Si3	31																				
12	Triphenyl-silanol	C18H16OSi	57																				
13	Triphenyl Benzene	C18H14	37																				
14	Trimethylbenzenes	C9H12	37																				
15	Tridecane	C13H28	37	42	57		59																
16	Trans-iso Eugenol	C11H14O2	17																				
17	trans-butene	C4H8	37																				
18	trans-2-Hexadecenoic acid	C16H30O2	36																				
19	Toluene	C7H8	34	42	80		32		9	11	19	27	31	37	42	56	80	87	92	96	98	106	125
20	Thiocyanic acid, methyl ester	C2H3NS	99																				
21	Thiirane, octyl-	C11H22S	42																				
22	Tetrasiloxane, decamethyl-	C10H30O4Si5	31																				
23	Tetrahydrothiophene	C4H8S	99																				
24	Tetrahydrofuran (trans), 2,5-dimethoxy-	C8H14O2	116																				
25	Tetradecanoic acid	C14H28O2	42	63																			
26	Tetradecanenitrile	C14H27N	42																				
27	Tetradecane	C14H30	4	37	42		59																
28	Tetradecanamide	C14H29NO	42																				
29	Tetracosane	C24H50	57																				
30	Syringylacetone	C11H14O4	23	39	43		73																
31	Syringol, 4-propyl-	C11H16O3	116																				
32	Syringol, 4-methyl-	C9H12O3	116																				
33	Syringol, 4-ethyl-	C10H14O3	116																				
34	Syringol, 4-allyl-	C11H14O3	116																				
35	Syringol, 4-(1-propenyl)-,trans	C11H14O3	116																				
36	Syringol, 4-(1-propenyl)-,cis	C11H14O3	116																				
37	Syringol	C8H10O3	18	43	65		114		116	118													
38	Syringaldehyde	C9H10O4	43	107	114		116		118														
39	Syngas	N/A	61	3	28		46		47	51	53	55	58	60	71	109	120	126	136				
40	Sulfur-organics	Varies	32																				
41	Sugars	Varies	51	111																			
42	Sucrose	C12H22O11	45																				
43	Succinaldehyde	C4H6O2	63																				
44	Styrene	C8H8	32	31	37		42		125														
45	Stigmastan-3,5-diene	C29H48	42																				
46	Squalene	C30H50	31																				
47	Spiro[2,4]heptan-4-one	C7H10O	63																				
48	Sinapyl alcohol	C11H14O4	17	39	43																		

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148	Paraffins	Varies	37	75				
149	Palmitoleic	C16H30O2	15					
150	Palmitamide	C16H33NO	15					
151	PAHs	Varies	79					
152	Oxyorganics	Varies	32					
153	o-Xylene	C8H10	42					
154	Oxygenates	Varies	9	22	136			
155	Oxy phenols	N/A	9					
156	OxoPropionic acid methylester	C4H6O3	116					
157	Oxalic acid, 2-ethylhexyl hexyl ester	C16H30O4	99					
158	Other O-aromatics	Varies	79					
159	Other N-aromatics	Varies	79					
160	Organic acids	Varies	111					
161	Olefins	Varies	3	24	37	66		75
162	Oleanitrile	C18H33N	42					
163	Oleamide	C18H35NO	15					
164	Octene	C8H16	37	42	59			
165	Octadecanoic Acid (Stearic Acid)	C18H36O2	45	42				
166	Octadecanenitrile	C18H35N	42					
167	Octadecane	C18H38	57					
168	Octadecanamide	C18H37NO	42					
169	Octadec-9-enoic acid	C18H34O2	42					
170	o-Cresol	C7H8O	98	114	118			
171	n-Pentane	C5H12	37					
172	n-paraffin	CnH2n+2	56	106	86			
173	Nonene	C9H18	37					
174	Non-aromatics	Varies	125					
175	Non-aromatic ketones	Varied	51					
176	Non-aromatic aldehydes	Varied	51					
177	Nonanoic acid	C9H18O2	106					
178	Nonane	C9H20	37	42	59			
179	Nonahexacontanoic acid	C69H138O2	42					
180	Nonadecane	C19H40	59					
181	n-Olefins	Varied	56					
182	n-olefin	Varies	86					
183	N-Methyl-1-adamantaneacetamide	C14H23NO	31					
184	Nitrogenated Compounds	Varies	61					
185	Nitrile	Varies	4					
186	n-Hexane	C6H14	37					
187	n-Hexadecanoic Acid (Palmitic Acid)	C16H32O2	45	4	42	62		139
188	n-Heptane	C7H16	37					
189	n-Decanoic acid	C10H20O2	42					
190	N-compounds	Varies	111					
191	n-Butane	C4H10	37					
192	Naphthol	C10H7OH	10					
193	Naphthofuran	Varies	10					
194	Naphtho[2,1-b]furan	C12H8O	74					
195	Naphthenes	Varied	56					
196	Naphthalenes	C10H8	80					

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394	Dimethyl benzene	C8H10	37						
395	Diisooctyl phthalate	C24H38O4	31						
396	Dihydro-methyl-furanone	C5H8O2	43						
397	Dihydrofuran	Varies	76						
398	Dihydroconiferyl Alcohol	C10H14O3	43						
399	Dihydrobenzofuran	C8H8O	40						
400	Diglycolic acid	C4H6O5	42						
401	Diethoxymethyl acetate	C7H14O4	112						
402	Diesel	Varies	59	85	1		3		131
403	Dicyclopentadiene	C10H12	89						
404	Dibenzofuran	C12H8O	31						
405	Dianhydromannitol	C6H10O4	76						
406	Dianhydro-α-d-glucopyranose, 1,4:3,6-	C6H8O4	116						
407	Diacetonealcohol	C6H12O2	116						
408	Desaspinidol	C11H14O4	63						
409	Decene	C10H20	37	4	42		59		
410	D-Allose	C6H12O6	4	139					
411	Cyclotrisiloxane, hexamethyl-	C6H18O3Si3	31						
412	Cyclotetradecanone oxime	C14H27NO	42						
413	Cyclotetradecane	C14H28	42						
414	Cyclotene	C6H10O2	71						
415	Cyclopropylmethanol	C4H8O	39						
416	Cyclopropyl Carbinol	C4H8O	45	63					
417	Cyclopropaneoctanal, 2-octyl-	C19H36O	42						
418	Cyclopropane, 1-heptyl-2-methyl-	C10H20	42						
419	Cyclopentenolone	C5H6O2	114						
420	Cyclopentene, 3-ethyl-	C7H12	42						
421	Cyclopentene, 3-ethyl-	C7H12	42						
422	Cyclopenten-3-one, 2-hydroxy-1-methyl	C6H8O2	116						
423	Cyclopenten-1-one, 3-methyl-2-	C6H8O	116						
424	Cyclopenten-1-one, 3-ethyl-2-hydroxy-2	C7H10O2	116						
425	Cyclopenten-1-one, 3-ethyl-2-	C7H10O	116						
426	Cyclopenten-1-one, 2-methyl-2-	C6H8O	116						
427	Cyclopenten-1-one, 2-hydroxy-2-	C5H6O2	116						
428	Cyclopenten-1-one, 2,3-dimethyl-2-	C7H10O	116						
429	Cyclopenten-1-one, 2-	C5H6O	116						
430	Cyclopentanones	Varied	65	63					
431	Cyclopentanes	C5H10	9						
432	Cyclopentanedione	Varies	76						
433	Cyclopentadiene	C5H6	43						
434	Cyclopentadecanone, 2-hydroxy-	C15H28O2	42						
435	Cyclopentadecane	C15H30	42						
436	Cyclopent-2-enone	C5H6O	57						
437	Cyclooctatetraene	C8H8	31						
438	Cyclohexen-1-one, 2-	C6H8O	116						
439	Cyclohexane-1,4-dione	C6H8O2	107						
440	Cyclohexane-1,3-dione, 2-allylaminomethyl-	C13H19NO2	31						
441	Cyclohexane, 1-(1,5-dimethylhexyl)-4-(4	C18H36	42						
442	Cyclohexadiene	C6H8	43						

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639	4-Ethylguaiaicol	C9H12O2	114						
640	4-Ethylcatechol	C8H10O2	114	139					
641	4-Ethyl-2-methoxyphenol	C9H12O2	45	112	63		92		98 139
642	4-Ethyl catechol	C8H10O2	4						
643	4-Ethoxystyrene	C10H12O	42						
644	4-Ethenyl-2-methoxyphenol	C9H10O2	63						
645	4-Cyclopentene-1,2,3-triol	C5H6O3	82						
646	4-Allyl-syringol	C11H14O3	43						
647	4-Allyl-2,6-dimethoxyphenol	C11H14O3	63						
648	4-[(Benzyloxy)methyl]-2,2-dimethyl-1,3-	C13H18O3	128	133					
649	4.alpha.-Methylcholest-7-en-3-one	C28H44O	42						
650	4,8-Dimethylundecane	C13H28	4						
651	4,5-Dimethyl-4,5-dihydro-1H-pyrazole	C5H10N2	57						
652	4,4-Diethylspiro[2.3]hexan-5-one	C11H18O	63						
653	4,3-Dihydrobenzofuran	C8H8O	9						
654	4-(4-Hydroxyphenyl)-4-methyl-2-pentan	C11H16O2	31						
655	4-(1E)-3-hydroxy-1-propenyl)-2-methox	C11H14O3	63						
656	3-Pyridinol	C5H5NO	124						
657	3-Pentanone	C5H10O	98	116					
658	3-Pentadecyl phenol	C21H34O	109						
659	3-Methylphenol	C7H8O	19	45	92		139		
660	3-methyl-Indole	C9H9N	19						
661	3-Methyl-hexane	C7H16	37						
662	3-Methylfuran	C5H6O	92						
663	3-Methylcyclopentenolone	C6H8O2	114						
664	3-Methylcyclopentane-1,2-dione	C6H8O2	57						
665	3-Methylcatechol	C7H8O2	107						
666	3-methyl-Butanenitrile	C5H9N	19						
667	3-methyl-4-isopropylphenol	C10H14O	33						
668	3-Methyl-2-cyclopentenone	C6H8O	63						
669	3-Methyl-2-butanone	C5H10O	63						
670	3-Methyl-2-(2-methyl-2-butenyl)-furan	C10H14O	82						
671	3-Methyl-1-hexene	C7H14	125						
672	3-Methyl-1,2-cyclopentanedione	C6H8O2	63						
673	3-Methyl-1,2-cyclopentadione	C6H8O2	76						
674	3-Methyl-1,2-Benzenediol	C7H8O2	4						
675	3-Methyl phenol	C7H8O	109						
676	3-Methoxy-pyrocatechol	C7H8O3	82						
677	3-Methoxy-phenol	C7H8O2	45						
678	3-Methoxy-cyclopentene	C6H10O	139						
679	3-Methoxy-2-benzenediol	C7H8O3	98						
680	3-Methoxy-1,2-benzenediol	C7H8O3	63						
681	3-Hydroxydodecanoic acid	C12H24O3	63						
682	3-Hydroxy-4,5-dimethoxybenzaldehyde	C9H10O4	107						
683	3-Hydroxy-2-Butanone	C4H8O2	112						
684	3-Heptanol, 4-methyl-	C8H18O	42						
685	3-Furanmetanol	C5H6O2	112						
686	3-Furaldehyde	C5H4O2	112						
687	3-Ethylcyclopentanone	C7H12O	63						

688	3-Ethyl-2-hydroxy-2-cyclopenten-1-one	C7H10O2	73	112	39				
689	3-Ethyl-2-cyclopentenone	C7H10O	63						
690	3-Ethyl phenol	C8H10O	109						
691	3-Chloro-N'-(3-ethoxy-4-hydroxybenzylidene)l	C16H15ClN2O3	42						
692	3-Butenoic acid, 3-methyl	C5H8O2	116						
693	3-Butenoic acid	C4H6O2	116						
694	3-Butenal	C4H6O	20						
695	3-Bromobenzo[b]thiophene	C8H5BrS	26						
696	3-Aminopyridine	C5H6N2	36						
697	3',5'-Dimethoxyacetophenone	C10H12O3	63						
698	3,6-Dibromo-2,5-Xylidine	C8H8Br2N	26						
699	3,5-Heptadienal, 2-ethylidene-6-methyl	C10H16O	82						
700	3,5-Dimethyl-cyclohexanol	C8H16O	112						
701	3,5-Dimethoxy-4-hydroxytoluene	C9H12O3	23	39	73				
702	3,5-bis-(1,1-Dimethylethyl)-phenol	C16H24O	112						
703	3,4-Pentadienal	C5H6O	36						
704	3,4-Dimethyl-2-cyclopentenone	C7H10O	63						
705	3,4-Altrosan	C6H10O5	4						
706	3,4,5-Trimethyl-heptane	C10H22	37						
707	3,4,5-trimethoxy-α-methyl-phenethylan	C12H19NO3	57						
708	3,4,5-Trimethoxybenzaldehyde	C10H12O4	107						
709	3,4,5-Trimethoxy-.beta.-methyl-.beta.-n	C12H15NO5	31						
710	3,3,5-Trimethylheptane	C10H22	4						
711	3-(Hydroxymethyl)-5-methoxyphenol	C8H10O3	63						
712	2-Vinylfuran	C6H6O	74						
713	2-Tetradecene, (E)-	C14H28	42	127					
714	2-propylphenol	C9H12O	57						
715	2-Propenoic acid, 2-methyl-, ethyl ester	C7H10O2	82						
716	2-Propenenitrile, 3-phenyl-, (E)-	C9H7N	42						
717	2-Propenal, 3-(dimethylamino)-2-(meth	C6H12N2O	42						
718	2-Propanone, 1-hydroxy-	C3H6O2	73	74	124		23		
719	2-Propanone, 1-(acetyloxy)-	C5H8O3	42						
720	2-Propanone, (4-hydroxy-3-methoxyph	C10H12O3	82						
721	2-Piperidinone	C5H9NO	42	127					
722	2-Pentenoic acid, 2-methyl	C6H10O2	127						
723	2-Pentenoic acid	C5H8O2	127						
724	2-Pentenenitrile, 4,4-dimethyl-	C7H11N	36						
725	2-oxoPropionic acid	C3H4O3	40						
726	2-Oxo-n-valeric acid	C5H8O3	23						
727	2-Octene	C8H16	42						
728	2-Nonadecanone	C19H38O	42	63					
729	2-Methynonane	C10H20	59						
730	2-Methyl-Z,Z-3,13-octadecadienol	C19H36O	36						
731	2-Methylthiophene	C5H6S	11						
732	2-Methyl-Propionic acid anhydride	C5H8O3	21						
733	2-methylphenol (o-cresol)	C7H8O	33						
734	2-Methylphenol	C7H8O	4	63	64	106		106	139
735	2-Methylhexadecane	C17H36	59						
736	2-Methyl-ethyl-2-propenoic acid	C6H10O2	139						

737	2-Methyl-butyl Propionic acid ester	Varies	112					
738	2-methyl-Butanal	C5H10O	19					
739	2-Methylbenzaldehyde	C8H8O	4					
740	2-Methyl-7-octadecene	C19H38	59					
741	2-Methyl-2-penten-4-yne	C6H8	139					
742	2-Methyl-2-cyclopentenone	C6H8O	63					
743	2-Methyl-1,4-Benzenediol	C7H8O2	4					
744	2-Methyl cyclopentanone	C6H10O	63					
745	2-Methoxy-5-vinylphenol	C9H10O2	82					
746	2-Methoxy-5-methylphenol	C8H10O2	139					
747	2-Methoxy-5-[(1E)-propenyl]phenol	C10H12O2	63					
748	2-Methoxy-4-vinylphenol	C9H10O2	45	74	92		98	139
749	2-Methoxy-4-propyl-phenol	C10H14O2	112					
750	2-Methoxy-4-propenylphenol	C10H12O2	63					
751	2-Methoxy-4-methyl-phenol	C8H10O2	45					
752	2-Methoxy-4-methylphenol	C8H10O2	40	92	107		112	
753	2-Methoxy-4-(1-propenyl)phenol	C10H12O2	45	139	107			
754	2-Methoxy-3-(2-propenyl)-phenol	C10H12O2	45					
755	2-Methoxy phenyl acetate	C9H10O3	112					
756	2-Methoxy phenol	C7H8O2	64					
757	2-Indolizinemethanol	C9H9NO	36					
758	2-Imino-4-methylpentanenitrile	C7H12N2	36					
759	2-Hydroxymethyl furfural	C6H6O3	139					
760	2-Hydroxy-6-methyl-3-cyclohexen-1-car	C8H12O3	63					
761	2-Hydroxy-5,6-dihydropyran-4-one	C6H8O3	43					
762	2-Hydroxy-3-methyl-2-cyclopenten-1-or	C6H8O2	45	107				
763	2-Hydroxy-2-cyclopenten-1-one	C5H6O2	45	63	139			
764	2H-Isoindole, 4,7-dimethyl-	C10H11N	36					
765	2-Hexene, (E)-	C6H12	42					
766	2-Hexadecanone	C16H32O	63					
767	2-Heptadecanone	C17H34O	42	63				
768	2-Furfuralaldehyde	C5H4O2	81					
769	2-Furanmethanol, acetate	C7H8O4	112					
770	2-Furanmethanol	C5H6O2	45	63	74		124	
771	2-Furanethanol, β-methoxy-(S)-	C6H10O3	118					
772	2-Furancarboxaldehyde, 5-	C6H6O3	82					
773	2-furan-carboxaldehyde	C5H4O2	73	23	57			
774	2-Furaldehyde	C5H4O2	118	124				
775	2-ethynyl-naphthalene	C12H8	57					
776	2-ethylphenol	C8H10O	33					
777	2-Ethylnonane	C11H24	59					
778	2-ethyl-4-methyl-phenol	C9H12O	57					
779	2-Cyclopentenone	C5H6O	63					
780	2-Cyclopenten-1-one, ethyl-2-hydroxy-	C7H10O2	116					
781	2-Cyclopenten-1-one, 3-methyl-	C6H8O	23	42	73		74	
782	2-Cyclopenten-1-one, 3,4-dimethyl-	C7H10O	116					
783	2-Cyclopenten-1-one, 2-methyl-	C6H8O	36	42				
784	2-Cyclopenten-1-one, 2-hydroxy-3-met	C6H8O2	23	42	124			
785	2-Cyclopenten-1-one, 2,3-dimethyl-	C7H10O	23	36	42		73	

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884	1-Hexadecanol, 2-methyl-	C17H36O	36						
885	1-Heptene	C7H14	11	37					
886	1-Heptatriacotanol	C37H76O	133						
887	1-Heptatriacotanol	C37H76O	128						
888	1-Heptane	C7H16	37						
889	1H,15H-Hexadecamethyloctasiloxane	C16H54O4Si7	31						
890	1-Ethylcyclopentene	C7H12	42	59					
891	1-Ethyl-3-methylbenzene	C9H12	125						
892	1-Ethyl-2-Propylcyclohexane	C11H22	4						
893	1-Ethoxy-1-heptane	C9H20O	4						
894	1-Dodecene	C12H24	59						
895	1-Dodecanol, 3,7,11-trimethyl-	C15H32O	36						
896	1-Decene	C10H20	42	59					
897	1-Butene, 3,3-dimethyl-	C6H12	42						
898	1-Butene	C4H8	37						
899	14-Pentadecanoic acid	C15H30O2	139						
900	11-Hydroxyresibufogenin	Varies	128	133					
901	1:4-anhydro-xylopyranose	C5H8O4	114						
902	1,6-Anhydro-beta-D-glucopyranose	C6H10O5	62	73	82	118	139		
903	1,5-Hexadiyne	C6H6	139						
904	1,5-Heptadiyne	C7H6	139						
905	1,5-Heptadien-3-yne	C7H6	139						
906	1,4-Methanonaphthalene, 1,4-dihydro-	C11H10	42						
907	1,4-Dimethylbenzene (p-xylene)	C8H10	125						
908	1,4-Dihydronaphthalene	C10H12	42						
909	1,4-Diallyl-1,1,2,2,3,3,4,4-octamethyltet	C18H40Si4	42						
910	1,4-Cyclohexadiene, 1-methyl-	C7H10	42						
911	1,4-Benzenediol, 2-methyl	C7H8O2	82						
912	1,4-Benzenediol (Hydroquinone)	C6H6O2	107						
913	1,4-Benzenedicarboxylic acid, dimethyl	C10H10O4	31						
914	1,4:3,6-Dianhydro-α-d-glucopyranose	C6H8O4	45	43					
915	1,4:3,6-Dianhydro-D-glucopyranose	C6H8O4	39						
916	1,4:3,6-Dianhydro-alpha-d-Glucopyrano	C6H8O4	17	23	73				
917	1,4:3,6-Dianhydro-a-Dglucopyranose	C6H8O4	92	124					
918	1,3-propanediol, 2-methyl-dipropanoate	C8H16O4	99						
919	1,3-Pentadiene	C5H8	125						
920	1,3-Di-O-acetylphentopyranose	C9H14O8	82						
922	1,3-Butandiol diacetate	C10H18O4	82						
923	1,3-butadiene	C4H6	37						
924	1,3-bis(1,1-dimethylethyl)-benzene	C14H22	4						
925	1,3-bis(1,1-dimethyl)-benzene	C14H22	4						
926	1,3-Benzenediol, 5-methyl	C7H8O2	82						
927	1,3-Benzenediol, 4-ethyl	C8H10O2	82						
928	1,3,5-trimethyl-benzene	C9H12	57	125					
929	1,3,5-Heptatriene, (E,E)-	C7H10	42						
930	1,3,5,7-Cyclooctatetraene	C8H8	42						
931	1,2-Diphenylcyclopropane	C15H14	4						
932	1,2-Dimethylbenzene	C8H10	125						
933	1,2-Dibutylcyclopropane	C12H24	59						

[illegible]