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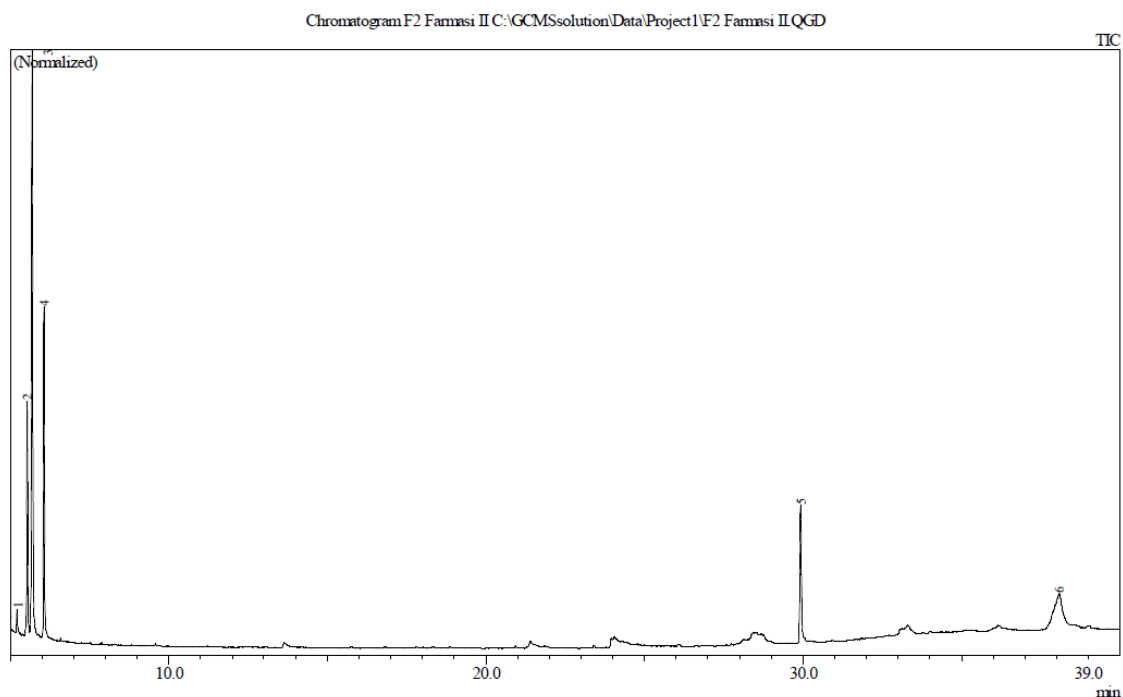
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LAMPIRAN

Lampiran 1. Hasil Pengukuran GC-MS



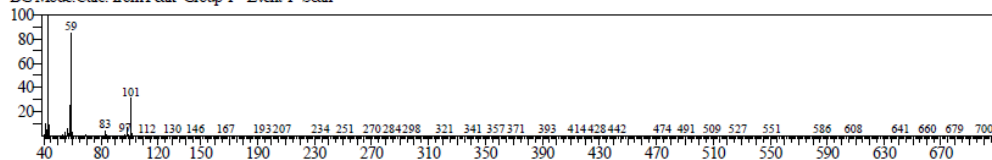
Peak#	R.Time	Area	Area%	A/H Name
1	5.207	685801	1.35	2.18 2-PENTANONE, 4-HYDROXY-4-METHYL-
2	5.530	6627662	13.09	2.07 Ethylbenzene
3	5.685	22657390	44.76	2.84 o-Xylene
4	6.064	9005382	17.79	2.00 BENZENE, 1,2-DIMETHYL-
5	29.924	6420081	12.68	3.44 BIS(2-ETHYLHEXYL) PHTHALATE
6	38.077	5222402	10.32	13.97 Betulin
		50618718	100.00	



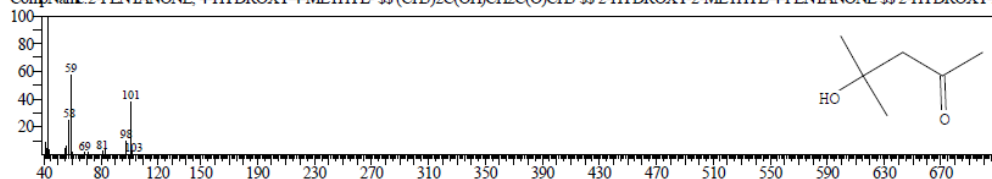
Library

<< Target >>

Line# 1 R Time: 5.208(Scan# 26) MassPeaks: 331
RawMode: Averaged 5.200-5.217(25-27) BasePeak: 43.05(93157)
BG Mode: Calc. from Peak Group 1 - Event 1 Scan

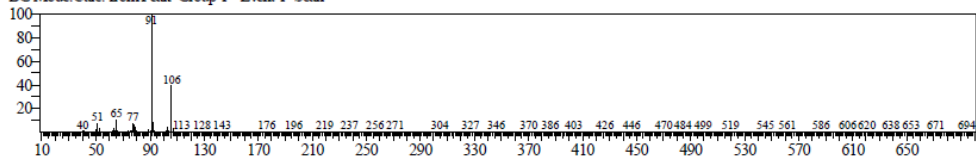


Hit# 1 Entry: 14649 Library: WILEY8.LIB
SI: 94 Formula: C₆H₁₂O₂ CAS: 123-42-2 MolWeight: 116 RefIndex: 0
CompName: 2-PENTANONE, 4-HYDROXY-4-METHYL- (CH₃)₂C(OH)CH₂C(O)CH₃ 2-HYDROXY-2-METHYL-4-PENTANONE 2-HYDROXY-2

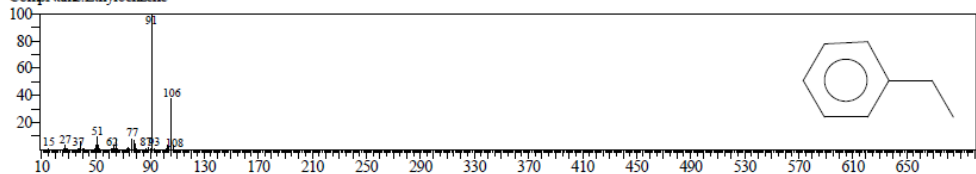


<< Target >>

Line# 2 R Time: 5.533(Scan# 65) MassPeaks: 279
RawMode: Averaged 5.525-5.542(64-66) BasePeak: 91.15(1275378)
BG Mode: Calc. from Peak Group 1 - Event 1 Scan

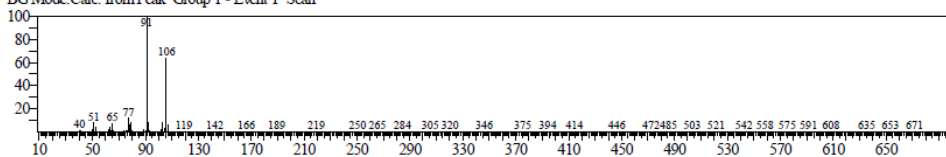


Hit# 1 Entry: 2340 Library: NIST7.LIB
SI: 98 Formula: C₈H₁₀ CAS: 100-41-4 MolWeight: 106 RefIndex: 0
CompName: Ethylbenzene

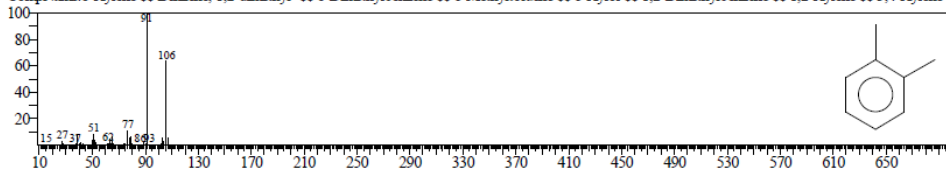


<< Target >>

Line# 3 R Time: 5.683(Scan# 83) MassPeaks: 360
RawMode: Averaged 5.675-5.692(82-84) BasePeak: 91.15(2624694)
BG Mode: Calc. from Peak Group 1 - Event 1 Scan

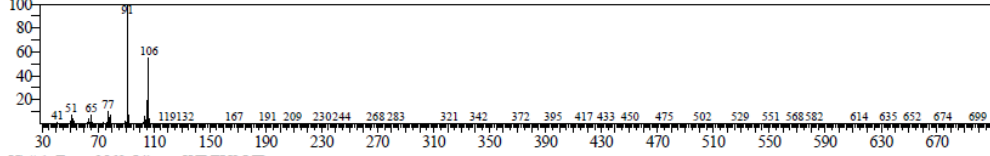


Hit# 1 Entry: 2636 Library: NIST147.LIB
SI: 98 Formula: C₈H₁₀ CAS: 95-47-6 MolWeight: 106 RefIndex: 0
CompName: o-Xylene 1,2-dimethyl- Benzene, 1,2-dimethyl- o-Dimethylbenzene o-Methyltoluene o-Xylol 1,2-Dimethylbenzene 1,2-Xylene 3,4-Xylene

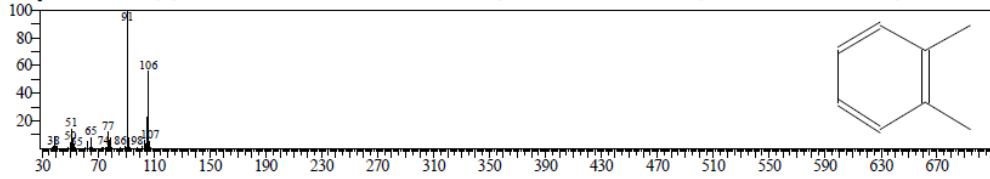


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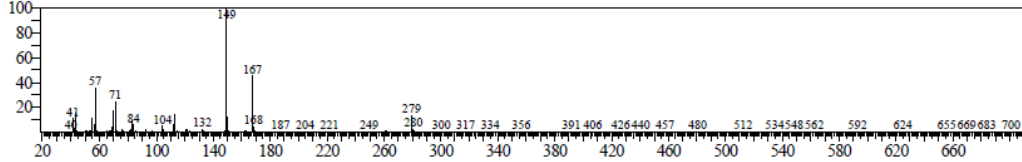
<<Target>>
 Line#:4 R Time:6.067(Scan#:129) MassPeaks:323
 RawMode:Averaged 6.058-6.075(128-130) BasePeak:91.15(1503894)
 BG Mode:Calc. from Peak Group 1 - Event 1 Scan



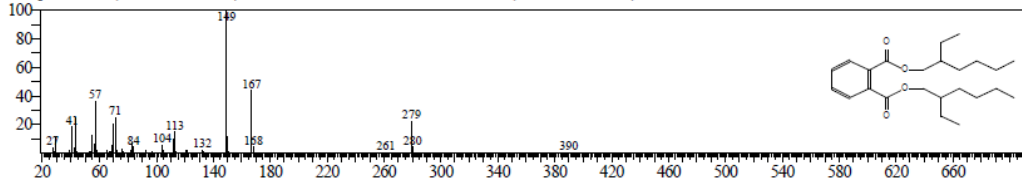
Hit#:1 Entry:9562 Library:WILEY8.LIB
 SE:98 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:0
 CompName:BENZENE, 1,2-DIMETHYL- \$\$ O-XYLENE \$\$ O-XYLENE \$\$ 1,2-DIMETHYL-BENZENE \$\$ 1,2-DIMETHYL



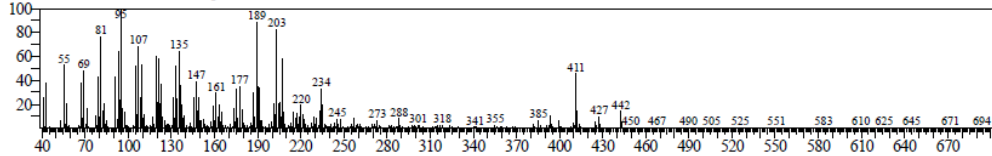
<<Target>>
 Line#:5 R Time:29.925(Scan#:2992) MassPeaks:445
 RawMode:Averaged 29.917-29.933(2991-2993) BasePeak:149.15(466149)
 BG Mode:Calc. from Peak Group 1 - Event 1 Scan



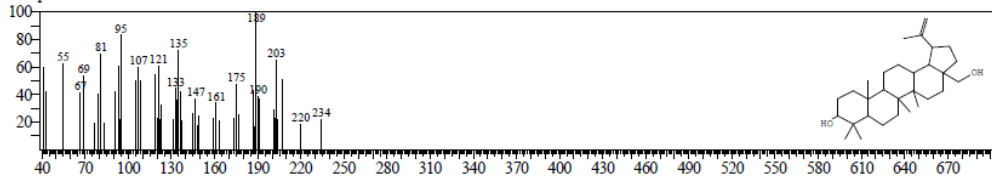
Hit#:1 Entry:328422 Library:WILEY8.LIB
 SE:97 Formula:C24H38O4 CAS:0-00-0 MolWeight:390 RetIndex:0
 CompName:BIS(2-ETHYLHEXYL) PHTHALATE \$\$ PHTHALSAEURE, BIS(2-ETHYLHEXYL)ESTER



<<Target>>
 Line#:6 R Time:38.075(Scan#:3970) MassPeaks:484
 RawMode:Averaged 38.067-38.083(3969-3971) BasePeak:95.15(13001)
 BG Mode:Calc. from Peak Group 1 - Event 1 Scan

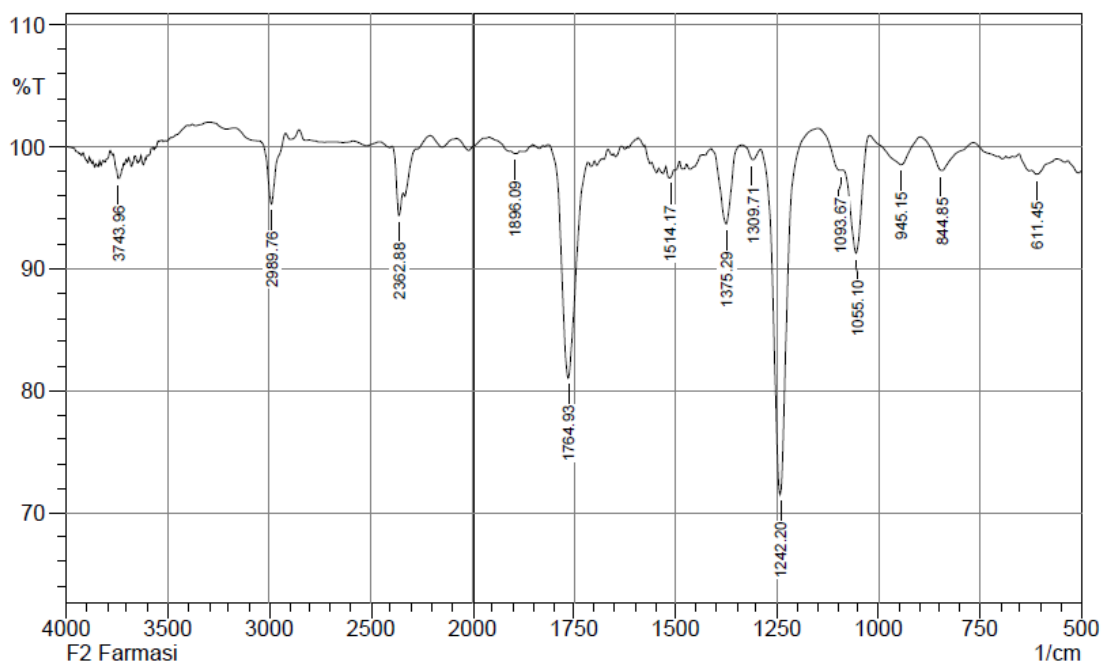


Hit#:1 Entry:27087 Library:NIST27.LIB
 SE:92 Formula:C30H50O2 CAS:473-98-3 MolWeight:442 RetIndex:0
 CompName:Betulin



Lampiran 2. Hasil Pengukuran IR Spektroskopi

SHIMADZU



	Peak	Intensity	Corr. Intensity	Base (H)	Base (L)	Area	Corr. Area
1	611.45	97.746	0.493	623.03	559.38	0.457	0.049
2	844.85	98.049	2.578	896.93	765.77	0.298	0.627
3	945.15	98.537	2.322	1022.31	896.93	0.165	0.638
4	1055.1	91.286	8.226	1087.89	1022.31	1.217	1.075
5	1093.67	98.071	0.342	1149.61	1087.89	0.052	-0.005
6	1242.2	71.482	28.896	1290.42	1149.61	4.61	5.003
7	1309.71	98.943	0.996	1336.71	1290.42	0.092	0.086
8	1375.29	93.678	6.325	1411.94	1336.71	0.831	0.833
9	1514.17	97.45	0.8	1523.82	1504.53	0.193	0.045
10	1764.93	81.029	18.431	1813.15	1716.7	3.487	3.259
11	1896.09	99.437	0.214	1905.73	1884.52	0.045	0.013
12	2362.88	94.365	3.346	2395.67	2341.66	0.76	0.311
13	2989.76	95.305	5.474	3049.56	2920.32	0.7	1.148
14	3743.96	97.412	0.169	3767.1	3742.03	0.191	0.015



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Lampiran 3. Komposisi Medium

No	Medium	Komposisi
1	<i>Nutrien Agar (NA)</i>	Pepton 5 g
		Ekstrak daging 15 g
		Agar 15 g
		Air suling ad 1000 ml
		pH 7.0 ± 0.2
2	<i>Potato Dextrose Agar (PDA)</i>	Kentang 200 g
		Dextrose 20 g
		Agar 15 g
		Air suling ad 1000 ml
		pH 5.6 ± 0.1
3	<i>Potato Dextrose Broth (PDB)</i>	Kentang 200-250 g
		Destrose 20 g
		Air suling ad 1000 ml



Lampiran 4. Skema Kerja

