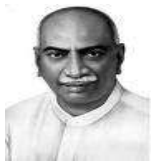
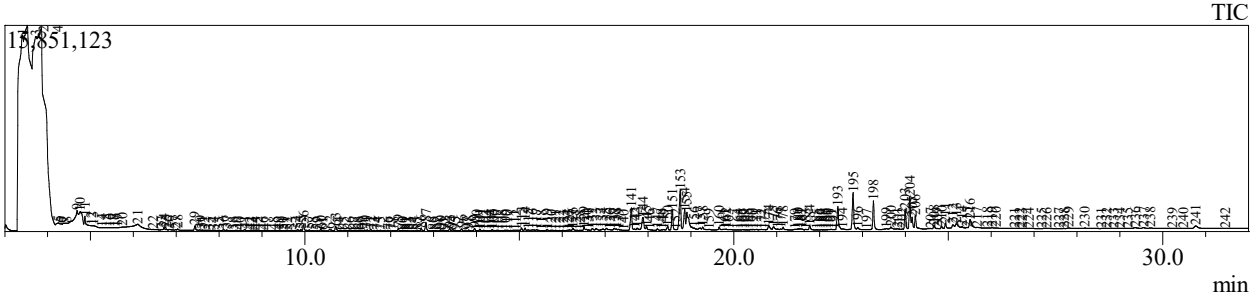
Madurai Kamaraj University
School of Biological Sciences
Gas Chromatography Mass Spectrometry Facility
DST-FIST Facility



Sample Information

Analyzed by	: Admin
Analyzed	: 6/3/2022 6:37:17 PM
Sample Type	: Unknown
Level #	: 1
Sample Name	: TP - 37
Sample ID	:
Sample Amount	: 1
Dilution Factor	: 1
Vial #	: 5
Injection Volume	: 0.50

Chromatogram TP - 37 E:\SBS\M.Sc students\Dr. J. Rajendran\TP - 37_1_03-06-2022_9.qgd



Peak Report TIC

Peak#	Name	R.Time	Area	Area%	Similarity	Base m/z
1	PYRIDINE	3.413	114046478	15.58	97	79.05
2	PYRIDINE	3.522	170458208	23.28	93	79.05
3	PYRIDINE	3.718	99298838	13.56	94	79.05
4	PYRIDINE	3.853	207902327	28.39	95	79.05
5	PYRIDINE	4.247	532114	0.07	98	79.05
6	PYRIDINE	4.311	86730	0.01	93	79.05
7	PYRIDINE	4.370	127302	0.02	96	79.05
8	PYRIDINE	4.440	94128	0.01	89	79.05
9	PYRIDINE	4.685	13750821	1.88	97	79.05
10	PYRIDINE	4.760	8253115	1.13	93	79.05
11	PYRIDINE	4.868	4680378	0.64	80	79.05
12	ACETIC ACID, TRIFLUORO-	5.020	1023284	0.14	81	45.00
13	ACETIC ACID, TRIFLUORO-	5.060	2965924	0.41	80	69.00
14		5.265	1053539	0.14	0	60.00
15	ACETAMIDE, N-ETHYL-	5.370	703231	0.10	81	87.05
16		5.440	759001	0.10	0	45.00
17		5.530	674516	0.09	0	45.00
18		5.570	573655	0.08	0	69.00
19		5.625	419875	0.06	0	79.05
20	METHANE, SULFONYLBIS-	5.744	1487309	0.20	91	79.00
21	ACETIC ACID, TRIFLUORO-	6.099	7882795	1.08	95	45.00
22	BENZALDEHYDE	6.457	24132	0.00	91	106.05
23	HEXANOIC ACID	6.662	81274	0.01	96	60.00
24	Phenol	6.712	363920	0.05	98	94.05
25	METHYL 2-HYDROXYETHYL SULFOXIDE	6.763	118721	0.02	86	45.00
26	2-(ACETYLOXY)ETHYL ACETATE	6.832	180766	0.02	86	86.05
27		6.979	89977	0.01	0	205.00
28	ETHANOL, 2-(2-ETHOXYETHOXY)-	7.030	213383	0.03	97	45.05
29	1-HEXANOL, 2-ETHYL-	7.433	697489	0.10	97	57.10
30	ACETIC ACID, DECYL ESTER	7.550	30926	0.00	83	69.00
31	Benzyl alcohol	7.602	21153	0.00	92	79.05
32	3-UNDECEN, 5-METHYL-, CIS=TRANS	7.658	16479	0.00	84	55.05
33	BENZENEACETALDEHYDE	7.750	56904	0.01	75	91.05
34		7.871	94716	0.01	0	85.05
35	S-Methyl methanethiosulphonate	7.997	20939	0.00	86	81.00
36	ETHANONE, 1-PHENYL-	8.103	127019	0.02	87	105.05
37	p-Cresol	8.169	65625	0.01	92	107.05
38	BENZENE, 1-METHYL-4-(1-METHYLETHYL)-	8.333	22050	0.00	85	119.10
39	1-(4-FLUOROPHENYL)-3-{[2-(4-METHOXYPHENYL)ETHYL]AMINO}-1H-PYRROLE	8.389	40219	0.01	70	121.05

Peak#	Name	R.Time	Area	Area%	Similarity	Base m/z
40	HEPTANE, 2,4-DIMETHYL-	8.469	33998	0.00	83	57.10
41	Nonanal	8.594	179005	0.02	97	57.05
42		8.715	10958	0.00	0	110.00
43	Hexanoic acid, 2-ethyl-	8.766	13085	0.00	89	88.05
44	BENZENE, 1,2,3,4-TETRAMETHYL-	8.831	52057	0.01	88	119.10
45	BENZENE, 1,2,3,4-TETRAMETHYL-	8.891	36402	0.00	95	119.10
46	Pentanedioic acid, dimethyl ester	9.027	22737	0.00	73	59.05
47		9.097	7129	0.00	0	119.10
48		9.270	5072	0.00	0	59.05
49	Benzene, 1,2,3,4-tetramethyl-	9.377	82073	0.01	79	119.10
50	2-NONENAL	9.448	34514	0.00	86	55.05
51	Acetic acid, phenylmethyl ester	9.505	14079	0.00	91	108.05
52		9.585	66308	0.01	0	105.05
53	Phenol, 2,4-dichloro-	9.683	98880	0.01	77	161.95
54	Ethanol, 2-(2-butoxyethoxy)-	9.825	168676	0.02	96	57.05
55	ETHANONE, 1-(4-METHYLPHENYL)-	9.905	116255	0.02	94	119.05
56	NAPHTHALENE	9.964	828879	0.11	97	128.05
57	DECANAL	10.100	89759	0.01	97	57.05
58		10.182	20455	0.00	0	57.05
59	Pinocarvone	10.280	11102	0.00	73	81.05
60	BENZALDEHYDE, 3,4-DIMETHYL-	10.364	199951	0.03	90	133.05
61		10.415	30121	0.00	0	80.00
62	Benzothiazole	10.574	340020	0.05	92	135.00
63		10.712	743596	0.10	0	192.10
64		10.800	8236	0.00	0	178.00
65	2-Decenal, (E)-	10.911	20058	0.00	83	70.05
66	Hexadecane	11.043	140223	0.02	89	57.05
67		11.154	51427	0.01	0	57.05
68		11.247	15959	0.00	0	59.05
69		11.295	24914	0.00	0	58.05
70	TETRADECANE	11.391	77706	0.01	89	57.05
71	1H-INDOLE	11.446	92159	0.01	94	117.05
72	NAPHTHALENE, 2-METHYL-	11.534	205029	0.03	94	142.10
73		11.608	16988	0.00	0	57.05
74	Dodecane, 4,6-dimethyl-	11.679	60456	0.01	89	71.10
75	Naphthalene, 2-methyl-	11.755	64616	0.01	92	142.10
76	2,4,7-TRIOXABICYCLO[4.4.0]DEC-9-EN, 8-DECYLOXY-3-PHENYL-	11.939	52021	0.01	76	149.05
77	5-PENTYL-2(5H)-FURANONE	11.998	11007	0.00	75	84.05
78	1-CHLOROOCTADECANE	12.059	34548	0.00	77	57.05
79	Ethanol, 2-(2-butoxyethoxy)-, acetate	12.174	289468	0.04	95	57.05
80	2(3H)-Furanone, 5-heptyldihydro-	12.277	78476	0.01	86	85.05
81	UNDECANE, 2,10-DIMETHYL-	12.330	13446	0.00	81	57.10
82	1-Undecanol	12.373	14711	0.00	78	55.05
83	PROPANOIC ACID, 2-METHYL-, 3-HYDROXY-2,4,4-TRIMETHYLPENTYL ESTER	12.425	16151	0.00	81	71.05
84	2-HEPTYL-4-METHYL-1,3-DIOXOLANE	12.528	23560	0.00	82	87.05
85	1-TRIDECANOL	12.612	123395	0.02	87	69.05
86	TETRADECANE	12.710	276037	0.04	94	57.05
87	2,4,7,9-Tetramethyl-5-decyn-4,7-diol	12.818	1382956	0.19	93	109.10
88	1,8-DIMETHYLNAPHTHALENE	12.980	61722	0.01	86	156.10
89	Benzoic acid, 2-methylpropyl ester	13.037	51978	0.01	83	105.05
90		13.157	124587	0.02	0	105.05
91		13.221	80376	0.01	0	156.10
92	Diphenylmethane	13.265	7472	0.00	76	167.05
93	QUINOLINE, 1,2-DIHYDRO-2,2,4-TRIMETHYL-	13.372	347439	0.05	90	158.10
94	trans-2-undecenoic acid	13.438	220660	0.03	84	56.05
95	DOCOSANE, 1,22-DIBROMO-	13.505	37054	0.01	73	57.05
96	1-DODECANOL	13.652	301388	0.04	94	69.05
97	NONANE, 5-METHYL-5-PROPYL-	13.770	8542	0.00	73	71.10
98	Heptadecane	13.816	107536	0.01	89	57.10
99	HEXADECANE	13.954	326891	0.04	92	57.10
100		14.004	24693	0.00	0	45.05
101	2,4-Di-tert-butylphenol	14.078	222938	0.03	89	191.10
102	ACETAMID, N-(2-PHENYLETHYL)-	14.164	95120	0.01	77	104.05
103	TETRATRIACONTANE	14.225	32462	0.00	76	57.05
104		14.280	6969	0.00	0	71.10
105	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.360	164351	0.02	82	57.05
106	DIBENZOFURAN	14.405	37642	0.01	70	168.05
107	TETRADECANE	14.486	103809	0.01	85	71.10
108	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.597	14630	0.00	76	71.10
109	DODECANOIC ACID	14.669	76883	0.01	80	55.05
110	EICOSANE	14.707	58314	0.01	84	57.05
111	CYCLOHEXANONE, 5-METHYL-2-(1-METHYLETHYL)-, TRANS-	14.872	64034	0.01	76	57.10
112		14.920	24891	0.00	0	105.05
113	1,2-Benzenedicarboxylic acid, diundecyl ester	15.049	284835	0.04	76	149.00
114	HEXADECANE	15.131	240098	0.03	97	57.05
115	Hexacosyl acetate	15.204	41579	0.01	70	97.05
116		15.307	166290	0.02	0	126.05
117	Dodecanoic acid, 1-methylethyl ester	15.402	145109	0.02	76	181.00
118		15.514	8621	0.00	0	57.05
119	Benzophenone	15.649	169721	0.02	86	105.05
120	3-ISOPROPYL-6-METHYL-PIPERAZINE-2,5-DIONE	15.746	101466	0.01	89	128.05

Peak#	Name	R.Time	Area	Area%	Similarity	Base m/z
121	BENZENE, (2,3-DIMETHYLDECYL)-	15.844	23432	0.00	77	57.05
122	2-METHYLHEPTADECANE	15.931	17795	0.00	84	57.10
123	PHOSPHONIC ACID, DIOCTADECYL ESTER	16.017	37864	0.01	92	55.05
124		16.115	27715	0.00	0	236.10
125	1-HEXADECANOL	16.164	104315	0.01	86	55.05
126	Heptadecane	16.247	320366	0.04	95	57.10
127	1-PROPEN, 3-(2-CYCLOPENTENYL)-2-METHYL-1,1-DIPHENYL-	16.328	31801	0.00	78	207.10
128		16.414	71399	0.01	0	105.05
129	Uric acid	16.504	521441	0.07	78	70.05
130	3-(1-METHOXY-1-METHYLETHOXY)-2-METHYLPROPYL BENZOATE	16.564	167114	0.02	84	105.05
131	[(2E)-4-PHENYL-2-BUTENYL]BENZENE #	16.615	83293	0.01	73	91.05
132	1-OCTADECANAMINE	16.700	384786	0.05	71	128.05
133	2-ISOPROPYL-2,5-DIMETHYLCYCLOHEXANONE-6,6-D2	16.786	414983	0.06	71	128.05
134	BENZENE, 1,1'-(1,2-CYCLOBUTANEDIYL)BIS-, TRANS-	16.940	344732	0.05	81	104.05
135	Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro-	17.028	343579	0.05	82	111.05
136		17.102	85386	0.01	0	114.00
137		17.210	303305	0.04	0	56.05
138		17.260	153777	0.02	0	56.05
139	EICOSANE	17.309	116194	0.02	91	57.05
140		17.432	23456	0.00	0	178.05
141	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	17.610	4136544	0.56	82	154.05
142		17.685	235046	0.03	0	156.10
143	2,4-Diphenyl-4-methyl-2(E)-pentene	17.744	482381	0.07	81	143.10
144	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	17.880	3388422	0.46	81	154.05
145	1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester	17.964	604445	0.08	94	149.00
146		18.031	114008	0.02	0	105.05
147	Pyrimido[1,2-a]azepine, 2,3,4,6,7,8,9,10-octahydro-	18.216	216099	0.03	75	152.05
148	Heptadecane	18.315	72749	0.01	81	57.05
149		18.364	130473	0.02	0	136.00
150	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione	18.455	616249	0.08	87	205.05
151	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	18.566	3207431	0.44	86	154.05
152		18.640	66259	0.01	0	154.10
153	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	18.750	7887627	1.08	86	154.05
154	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	18.851	3758156	0.51	89	154.05
155		18.903	5864836	0.80	0	167.00
156	1,2-Benzenedicarboxylic acid, butyl octyl ester	19.072	298942	0.04	86	149.00
157		19.211	361908	0.05	0	152.05
158	BENZALDEHYDE, 4-HYDROXY-3-METHOXY-	19.272	388604	0.05	76	152.05
159		19.422	87056	0.01	0	222.10
160	Hexadecanamide	19.656	426440	0.06	94	59.05
161	9-Decenoic acid	19.775	123074	0.02	74	69.05
162		19.817	103166	0.01	0	118.05
163		19.870	24448	0.00	0	206.10
164		20.082	13524	0.00	0	105.05
165		20.155	15756	0.00	0	120.05
166	TRICOSANE	20.201	61792	0.01	87	57.05
167	SULFUR, MOL. (S8)	20.240	25355	0.00	88	63.95
168	2(3H)-Furanone, 5-dodecyldihydro-	20.298	30731	0.00	79	85.05
169	OCTADECANE	20.394	101766	0.01	79	71.10
170	Triclosan	20.446	105634	0.01	82	218.00
171	3-BENZYL-6-METHYL-2,5-PIPERAZINEDIONE #	20.529	132167	0.02	80	91.05
172	DODECANAMIDE, N-(2-HYDROXYETHYL)-	20.636	138700	0.02	71	85.05
173		20.710	22086	0.00	0	70.10
174	3-BENZYL-6-METHYL-2,5-PIPERAZINEDIONE #	20.814	1014650	0.14	90	91.05
175	3,6-DIISOBUTYL-2,5-PIPERAZINEDIONE #	20.922	732423	0.10	86	170.05
176	Octadecanoic acid, ethyl ester	21.022	82060	0.01	79	88.05
177	BENZENE, (2,3-DIMETHYLDECYL)-	21.086	111720	0.02	74	91.05
178	1-Docosanol, acetate	21.148	393826	0.05	89	70.10
179		21.420	149620	0.02	0	144.00
180	Hexadecanamide	21.499	283548	0.04	92	59.05
181		21.541	185841	0.03	0	154.05
182	Hexadecanamide	21.581	165636	0.02	89	59.05
183	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	21.676	62752	0.01	75	154.10
184	3-BENZYL-6-ISOPROPYL-2,5-PIPERAZINEDIONE #	21.768	712967	0.10	88	91.05
185	HEXATRIACONTANE	21.928	24092	0.00	88	57.05
186	1,54-DIBROMOTETRAPENTACONTANE	21.995	12210	0.00	72	57.05
187		22.045	23567	0.00	0	144.00
188	2-HEPTADECANOL, ACETATE	22.098	12540	0.00	75	97.10
189	CYCLONONASILOXANE, OCTADECAMETHYL-	22.148	15922	0.00	72	281.00
190	Tetrapentacontane	22.190	45464	0.01	81	57.10
191		22.269	97728	0.01	0	129.05
192		22.335	5893	0.00	0	45.05
193	3-BENZYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	22.423	4858001	0.66	90	153.05
194	OCTADECANE	22.530	48819	0.01	75	71.10
195	3-BENZYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	22.779	6903718	0.94	91	153.05
196		22.885	446638	0.06	0	151.05
197	OCTADECANOIC ACID, 2-HYDROXYETHYL ESTER	23.097	22065	0.00	75	98.10
198	1,2-PROPANEDIOL, 3-(PHENYLMETHOXY)-, DIACETATE	23.253	4589770	0.63	75	91.05
199		23.559	327887	0.04	0	62.05
200	Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester	23.661	641104	0.09	83	98.05
201	Bis(2-ethylhexyl) phthalate	23.808	165234	0.02	87	149.00

Peak#	Name	R.Time	Area	Area%	Similarity	Base m/z
202	ISOQUINOLINE, 8-PHENYL-	23.925	10563	0.00	74	205.05
203	1-PROPEN, 3-(2-CYCLOPENTENYL)-2-METHYL-1,1-DIPHENYL-	23.992	3208520	0.44	82	91.05
204	1-PROPEN, 3-(2-CYCLOPENTENYL)-2-METHYL-1,1-DIPHENYL-	24.100	5244793	0.72	82	91.05
205	1-PROPEN, 3-(2-CYCLOPENTENYL)-2-METHYL-1,1-DIPHENYL-	24.154	1810315	0.25	81	91.05
206	1-PROPEN, 3-(2-CYCLOPENTENYL)-2-METHYL-1,1-DIPHENYL-	24.231	2525058	0.34	81	91.05
207		24.586	188788	0.03	0	156.10
208		24.664	622643	0.09	0	105.05
209		24.747	48459	0.01	0	221.05
210	4-TERT-BUTYL-2-(4-METHOXY-PHENYL)-6-P-TOLYL-PYRIDINE	24.842	401951	0.05	75	331.20
211		24.931	929378	0.13	0	91.05
212		25.104	1117448	0.15	0	91.05
213	4(1H)-Pyrimidinone, 6-amino-2-methyl-5-nitroso-	25.187	1822042	0.25	75	154.05
214	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1-PHENYL-	25.319	494111	0.07	84	208.05
215	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1-PHENYL-	25.434	194481	0.03	82	208.05
216	BENZOIC ACID, 3,5-DIHYDROXY-	25.507	2770802	0.38	72	154.05
217	9-OCTADECENAMIDE	25.667	462742	0.06	78	59.05
218		25.910	29516	0.00	0	207.00
219	2,5-PIPERAZINEDIONE, 3,6-BIS(PHENYLMETHYL)-	26.019	71040	0.01	84	91.05
220	CYCLONONASILOXANE, OCTADECAMETHYL-	26.109	46890	0.01	74	355.05
221		26.545	11112	0.00	0	207.00
222		26.665	41614	0.01	0	366.35
223		26.717	40876	0.01	0	299.10
224		26.882	10730	0.00	0	221.05
225		27.175	5931	0.00	0	99.10
226		27.288	45710	0.01	0	371.25
227		27.580	21373	0.00	0	207.00
228		27.699	11338	0.00	0	207.00
229		27.805	193298	0.03	0	489.25
230		28.177	75864	0.01	0	207.00
231		28.565	8098	0.00	0	207.00
232		28.692	48927	0.01	0	130.05
233		28.855	8228	0.00	0	207.00
234		29.009	6498	0.00	0	207.00
235		29.175	8435	0.00	0	207.00
236	BENZENE, 1,1'-[1-(2,2-DIMETHYL-3-BUTENYL)-1,3-PROPANEDIYL]BIS-	29.354	307478	0.04	71	91.05
237	(Z)-(2-ACETOXY-1-PHENYLPROPYLIDENE)(BENZYLOXY)AMINE	29.551	210234	0.03	71	91.05
238	3-ALLYL-5-(1H-INDOL-3-YLMETHYL)-2-THIOXO-IMIDAZOLIDIN-4-ONE	29.706	59007	0.01	73	130.05
239		30.224	31655	0.00	0	207.00
240		30.475	25617	0.00	0	207.00
241		30.769	980427	0.13	0	341.05
242		31.465	17082	0.00	0	96.00
			732221392	100.00		

Kindly Acknowledge GC-MS/MS, DST-FIST Facility, School of Biological Sciences, Madurai Kamaraj University while publishing the results in journals, dissertation, thesis, etc.