



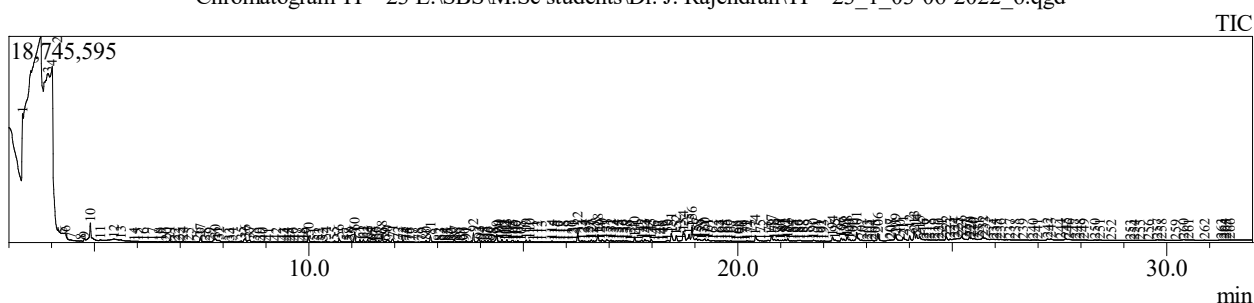
Madurai Kamaraj University
School of Biological Sciences
Gas Chromatography Mass Spectrometry Facility
DST-FIST Facility



Sample Information

Analyzed by : Admin
Analyzed : 6/3/2022 4:31:31 PM
Sample Type : Unknown
Level # : 1
Sample Name : TP - 23
Sample ID :
Sample Amount : 1
Dilution Factor : 1
Vial # : 2
Injection Volume : 0.50

Chromatogram TP - 23 E:\SBS\M.Sc students\Dr. J. Rajendran\TP - 23_1_03-06-2022_6.qgd



Peak Report TIC

Peak#	Name	R.Time	Area	Area%	Similarity	Base m/z
1	PYRIDINE	3.325	12521647	2.12	96	79.05
2	PYRIDINE	3.744	314069331	53.14	93	79.05
3	PYRIDINE	3.915	107802823	18.24	93	79.05
4	PYRIDINE	4.013	69860434	11.82	97	79.05
5	PYRIDINE	4.247	58997	0.01	76	52.05
6	PYRIDINE	4.317	398277	0.07	98	79.05
7	2,6-BIS(TRIFLUOROMETHYL)-4-PYRIDINAMINE #	4.448	44400	0.01	77	230.00
8	Octane, 4-methyl-	4.680	35751	0.01	88	85.10
9	Trisiloxane, octamethyl-	4.766	550285	0.09	97	221.10
10	PYRIDINIUM, 2-CARBOXY-1-METHYL-, HYDROXIDE, INNER SALT	4.902	5714689	0.97	79	94.05
11		5.136	148520	0.03	0	135.05
12	Trifluoroacetic acid	5.449	2637852	0.45	94	45.00
13	PYRIDINIUM, 2-CARBOXY-1-METHYL-, HYDROXIDE, INNER SALT	5.612	444492	0.08	74	94.05
14		5.930	18361	0.00	0	237.05
15		6.009	15996	0.00	0	237.05
16		6.144	44778	0.01	0	192.95
17	2-Hexene, 2,3-dimethyl-	6.349	35804	0.01	75	55.05
18	BENZALDEHYDE	6.515	18798	0.00	90	106.05
19	Cyclotrisiloxane, hexamethyl-	6.559	17201	0.00	82	207.00
20	HEXANOIC ACID	6.676	68686	0.01	95	60.00
21	Phenol	6.752	324827	0.05	98	94.05
22	2-(ACETYLOXY)ETHYL ACETATE	6.876	167214	0.03	83	86.05
23	DECANE	6.970	32723	0.01	79	57.10
24	ETHANOL, 2-(2-ETHOXYETHOXY)-	7.066	192380	0.03	86	45.05
25	1,2,3-PROPANETRIOL	7.187	17864	0.00	87	61.05
26	Tetrasiloxane, decamethyl-	7.408	55968	0.01	73	207.00
27	1-HEXANOL, 2-ETHYL-	7.469	742643	0.13	97	57.10
28	1-OCTANOL	7.580	98480	0.02	80	56.05
29		7.693	115279	0.02	0	55.05
30	Dodecane, 4,6-dimethyl-	7.821	1264996	0.21	92	57.10
31	UNDECANE, 5,7-DIMETHYL-	7.870	278811	0.05	89	57.10
32	Undecane, 2,4-dimethyl-	7.908	438162	0.07	89	57.10
33	ETHANONE, 1-PHENYL-	8.139	239442	0.04	81	105.05
34	p-Cresol	8.202	120844	0.02	84	107.05
35	Nonane, 5-butyl-	8.419	245205	0.04	77	71.10
36	NONANE, 5-(2-METHYLPROPYL)-	8.514	940370	0.16	93	57.10
37	NONANE, 4,5-DIMETHYL-	8.607	586745	0.10	92	57.10
38	2,3,6,7-TETRAMETHYLOCTANE	8.718	200889	0.03	92	71.10
39		8.864	124607	0.02	0	119.10

Peak#	Name	R.Time	Area	Area%	Similarity	Base m/z
40	BENZENE, 1,2,3,4-TETRAMETHYL-	8.921	76683	0.01	94	119.10
41		9.056	17518	0.00	0	100.10
42		9.233	50173	0.01	0	99.05
43	BENZENE, 1-METHYL-3-(1-METHYLETHYL)-	9.401	89829	0.02	74	119.10
44	2-NONENAL	9.478	35065	0.01	83	55.05
45	ACETIC ACID BENZYL ESTER	9.532	15655	0.00	90	108.05
46	9,12,15-OCTADECATRIENOIC ACID, (2-PHENYL-1,3-DIOXOLAN-4-YL)METHYL ES	9.613	53648	0.01	71	105.05
47	Phenol, 2,4-dichloro-	9.709	65615	0.01	77	161.95
48	Ethanol, 2-(2-butoxyethoxy)-	9.849	145251	0.02	96	57.10
49	ETHANONE, 1-(4-METHYLPHENYL)-	9.930	95886	0.02	93	119.05
50	Naphthalene	9.989	831337	0.14	97	128.05
51	DECANAL	10.124	98432	0.02	97	57.05
52		10.226	40345	0.01	0	119.10
53		10.319	16298	0.00	0	71.10
54	BENZALDEHYDE, 3,4-DIMETHYL-	10.390	333077	0.06	90	133.05
55	Benothiazole	10.596	250775	0.04	91	135.00
56		10.702	630916	0.11	0	192.10
57	2(3H)-Furanone, dihydro-5-pentyl-	10.880	13543	0.00	86	85.05
58	2-Decenal, (E)-	10.931	20962	0.00	85	70.10
59	HEXADECANE	10.996	174274	0.03	90	57.10
60	Dodecane, 4,6-dimethyl-	11.067	1451369	0.25	93	57.10
61	Dodecane, 4,6-dimethyl-	11.185	359420	0.06	91	71.10
62	Hexadecane	11.267	318828	0.05	92	71.10
63	HEXADECANE, 2,6,10,14-TETRAMETHYL-	11.367	317990	0.05	91	71.10
64	1-TRIDECANOL	11.425	152834	0.03	89	69.05
65	1H-INDOLE	11.471	29184	0.00	79	117.05
66	Naphthalene, 1-methyl-	11.555	245656	0.04	89	142.10
67	HEXADECANE	11.627	280798	0.05	89	57.10
68	HEXADECANE, 2,6,10,14-TETRAMETHYL-	11.697	1150657	0.19	93	71.10
69	Naphthalene, 2-methyl-	11.781	88762	0.02	91	142.10
70	HEXADECANE, 2,6,10,14-TETRAMETHYL-	11.826	621472	0.11	93	71.10
71	HEXADECANE, 2,6,10,14-TETRAMETHYL-	11.950	719103	0.12	86	71.10
72	TETRADECANE	12.073	189203	0.03	92	71.10
73	Ethanol, 2-(2-butoxyethoxy)-, acetate	12.191	228139	0.04	95	57.10
74	Dodecane, 4,6-dimethyl-	12.255	23056	0.00	85	57.10
75	2(3H)-Furanone, dihydro-5-pentyl-	12.291	53454	0.01	87	85.05
76	HEXADECANE, 2,6,10,14-TETRAMETHYL-	12.340	42069	0.01	76	57.10
77	1-TETRADECANOL	12.397	15261	0.00	73	57.05
78	2-HEPTYL-4-METHYL-1,3-DIOXOLANE	12.548	10271	0.00	83	87.05
79	1-TRIDECANOL	12.628	113826	0.02	87	69.05
80	TETRADECANE	12.728	229992	0.04	97	57.10
81	2,4,7,9-Tetramethyl-5-decyn-4,7-diol	12.831	1160410	0.20	94	109.10
82	1,8-DIMETHYLNAPHTHALENE	13.019	90212	0.02	87	156.10
83	BENZOIC ACID, BUTYL ESTER	13.065	40610	0.01	77	105.05
84	NAPHTHALENE, 1,8-DIMETHYL-	13.178	68507	0.01	77	156.10
85		13.239	65086	0.01	0	156.10
86		13.288	12455	0.00	0	167.10
87	QUINOLINE, 1,2-DIHYDRO-2,2,4-TRIMETHYL-	13.389	312695	0.05	92	158.10
88		13.446	16968	0.00	0	105.05
89	DOCOSANE, 1,22-DIBROMO-	13.520	28525	0.00	72	57.10
90		13.613	56396	0.01	0	57.10
91	1-DODECANOL	13.670	257993	0.04	95	55.05
92	Heptadecane	13.833	1506539	0.25	91	71.10
93	HEPTADECANE	13.968	562762	0.10	89	57.10
94	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.019	171981	0.03	89	71.10
95	PHENOL, 2,4-BIS(1,1-DIMETHYLETHYL)-	14.095	260813	0.04	78	191.15
96	NONAHEXACONTANOIC ACID	14.176	207465	0.04	88	57.10
97	Heptadecane	14.245	164762	0.03	89	57.10
98	Tetrapentacontane	14.294	55453	0.01	88	57.10
99	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.377	1425145	0.24	91	71.10
100	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.420	114621	0.02	87	57.10
101	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.497	425720	0.07	92	71.10
102	NONANE, 5-METHYL-5-PROPYL-	14.567	70647	0.01	83	71.10
103	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.614	307090	0.05	91	71.10
104	TETRADECANE	14.655	60608	0.01	82	57.10
105	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.751	333020	0.06	90	71.10
106	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.812	106173	0.02	92	57.10
107	HEXADECANE, 2,6,10,14-TETRAMETHYL-	14.867	195890	0.03	91	71.10
108	Heptadecane	14.948	61205	0.01	87	71.10
109	1,2-Benzenedicarboxylic acid, diundecyl ester	15.065	286449	0.05	77	149.05
110	HEXADECANE	15.147	251839	0.04	97	57.10
111	DODECANE, 1,1'-OXYBIS-	15.221	58152	0.01	74	57.10
112		15.329	42634	0.01	0	146.05
113		15.422	112287	0.02	0	181.00
114	METHANONE, DIPHENYL-	15.667	173787	0.03	84	105.05
115	TETRADECANE, 5-METHYL-	15.719	15103	0.00	82	85.10
116	HEXADECANE, 4-METHYL-	15.786	34822	0.01	87	71.10
117	DOTRIACONTANE	15.864	66700	0.01	76	57.10
118	2-METHYLHEPTADECANE	15.942	51561	0.01	90	57.10
119	1-NONADECENE	16.035	47260	0.01	88	57.10
120		16.131	31547	0.01	0	236.10

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121	1-TETRADECANOL	16.179	81871	0.01	87	55.05
122	HEXADECANE, 2,6,10,14-TETRAMETHYL-	16.266	1566135	0.26	91	57.10
123	HEXADECANE, 2,6,10,14-TETRAMETHYL-	16.363	214214	0.04	89	71.10
124	OCTADECANE	16.417	168849	0.03	86	57.10
125	OCTADECANE	16.516	98357	0.02	82	71.10
126	Benzoic acid, undecyl ester	16.583	346110	0.06	75	105.05
127	Heptadecane, 3-methyl-	16.632	125659	0.02	79	57.10
128	HEXADECANE, 2,6,10,14-TETRAMETHYL-	16.735	1375284	0.23	89	71.10
129	HEXADECANE, 2,6,10,14-TETRAMETHYL-	16.784	179625	0.03	86	71.10
130	HEXADECANE, 2,6,10,14-TETRAMETHYL-	16.835	383865	0.06	88	71.10
131	OCTADECANE	16.940	530105	0.09	88	71.10
132	OCTADECANE	17.041	179113	0.03	78	71.10
133	HEXADECANE, 2,6,10,14-TETRAMETHYL-	17.087	69622	0.01	89	57.10
134	OCTADECANE	17.170	121659	0.02	88	71.10
135		17.222	185781	0.03	0	209.10
136	Heneicosane	17.321	189658	0.03	95	57.10
137	Tetrapentacontane	17.387	112264	0.02	91	57.10
138	TETRADECANE	17.425	76996	0.01	84	71.10
139	TETRADECANE	17.492	18584	0.00	82	57.10
140	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	17.593	654452	0.11	83	154.10
141		17.670	26798	0.00	0	156.10
142	2,4-Diphenyl-4-methyl-2(E)-pentene	17.759	250945	0.04	78	143.10
143		17.830	359658	0.06	0	156.10
144	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	17.877	278939	0.05	80	154.10
145	1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester	17.979	319532	0.05	96	149.00
146		18.051	16990	0.00	0	105.05
147		18.145	45354	0.01	0	274.15
148		18.220	13646	0.00	0	57.10
149		18.252	22418	0.00	0	100.05
150	3-(2-CHLOROETHYL)-1,3-BENZOTHAZOL-2(3H)-ONE	18.365	360977	0.06	73	136.00
151	Tetracosane	18.446	1806749	0.31	86	71.10
152	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	18.563	1296432	0.22	80	154.10
153	2,5-Piperazinedione, 3,6-bis(2-methylpropyl)-	18.670	143296	0.02	73	170.10
154	3-ISOBUTYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	18.726	2800188	0.47	90	154.10
155	OCTADECANE	18.860	1840665	0.31	89	71.10
156	2-(1,3-BENZOTHAZOL-2-YLSULFANYL)ETHANOL #	18.927	3184648	0.54	87	167.00
157	OCTADECANE	19.030	543959	0.09	86	71.10
158	1,2-Benzenedicarboxylic acid, butyl 8-methylnonyl ester	19.089	428163	0.07	90	149.00
159	OCTADECANE	19.155	81109	0.01	87	71.10
160		19.228	441682	0.07	0	118.10
161	HEXATRIACONTANE	19.300	284618	0.05	93	57.10
162	1,54-DIBROMOTETRAPENTACONTANE	19.407	144512	0.02	84	71.10
163		19.556	44447	0.01	0	167.00
164	OCTADECANE	19.600	43926	0.01	85	71.10
165	OCTADECANE	19.701	149401	0.03	83	57.10
166	TETRADECANE	19.755	30085	0.01	71	143.10
167		19.832	84497	0.01	0	118.10
168	Dotriacontane	19.960	31766	0.01	86	57.10
169		20.020	16327	0.00	0	85.10
170		20.095	16807	0.00	0	105.05
171	11,14-Eicosadienoic acid, methyl ester	20.167	21030	0.00	84	67.10
172	Dotriacontane	20.217	121565	0.02	90	57.10
173	1,54-DIBROMOTETRAPENTACONTANE	20.287	71404	0.01	77	57.10
174	OCTADECANE	20.412	1383168	0.23	89	71.10
175		20.520	146916	0.02	0	174.10
176	OCTADECANE	20.711	252052	0.04	88	71.10
177	OCTADECANE	20.785	1037581	0.18	89	71.10
178	OCTADECANE	20.849	414448	0.07	88	71.10
179	OCTADECANE	20.929	368887	0.06	87	71.10
180	Tetrapentacontane	20.992	150708	0.03	88	71.10
181		21.038	206922	0.04	0	57.10
182	HEXATRIACONTANE	21.098	322463	0.05	92	57.10
183	1-Docosanol, acetate	21.163	441680	0.07	92	57.10
184	Tetrapentacontane	21.247	36983	0.01	85	71.10
185	OCTADECANE	21.300	30422	0.01	82	71.10
186	OCTADECANE	21.398	123596	0.02	86	71.10
187	Hexadecanoic acid, 2-hydroxyethyl ester	21.445	168945	0.03	85	104.05
188	Tetracosane	21.527	15856	0.00	79	57.10
189	Tetrapentacontane	21.624	47221	0.01	72	57.10
190	3-BENZYL-6-ISOPROPYL-2,5-PIPERAZINEDIONE #	21.761	244727	0.04	81	91.05
191	1-Methoxyoctacosane	21.868	24082	0.00	78	71.10
192	HEXATRIACONTANE	21.944	45188	0.01	92	57.10
193	2-METHYLHEPTADECANE	22.001	35255	0.01	77	57.10
194	OCTADECANE	22.207	865827	0.15	89	71.10
195	OCTADECANE	22.268	267066	0.05	84	71.10
196	3-BENZYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	22.410	619508	0.10	91	153.05
197	HEXACONTANE	22.469	417480	0.07	80	57.10
198	OCTADECANE	22.545	893554	0.15	88	71.10
199	OCTADECANE	22.604	280804	0.05	88	71.10
200	OCTADECANE	22.674	132788	0.02	87	71.10
201	3-BENZYLHEXAHYDROPYRROLO[1,2-A]PYRAZINE-1,4-DIONE #	22.770	2078067	0.35	90	153.10

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202	OCTADECANE	22.882	126321	0.02	72	57.10
203	Tetrapentacontane	23.024	44775	0.01	89	57.10
204	OCTADECANOIC ACID, 2-HYDROXYETHYL ESTER	23.114	133868	0.02	85	98.10
205		23.210	79396	0.01	0	355.10
206	1,2-PROPANEDIOL, 3-(PHENYLMETHOXY)-, DIACETATE	23.265	1467436	0.25	75	91.05
207	Tetrapentacontane	23.540	300527	0.05	81	57.05
208		23.582	154244	0.03	0	85.10
209	Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester	23.674	1645257	0.28	91	98.10
210		23.785	55119	0.01	0	221.10
211	OCTADECANE	23.855	872493	0.15	88	71.10
212	1-PROPEN, 3-(2-CYCLOPENTENYL)-2-METHYL-1,1-DIPHENYL-	24.005	801187	0.14	81	91.05
213	1-PROPEN, 3-(2-CYCLOPENTENYL)-2-METHYL-1,1-DIPHENYL-	24.111	1611289	0.27	81	91.05
214	OCTADECANE	24.165	1123495	0.19	71	71.10
215	1-PROPEN, 3-(2-CYCLOPENTENYL)-2-METHYL-1,1-DIPHENYL-	24.243	1018672	0.17	80	91.05
216	BUTYL (TETRADEC-6-YL)SULFONATE	24.335	43244	0.01	74	71.10
217	Tetrapentacontane	24.402	54644	0.01	86	71.10
218	Tetrapentacontane	24.460	33355	0.01	83	57.10
219	HEXACONTANE	24.587	94514	0.02	81	57.10
220		24.675	90076	0.02	0	105.05
221		24.760	59859	0.01	0	221.10
222	PYRROLO[3,4-C]PYRROLE-1-CARBOXYLIC ACID, 3-CYCLOPROPYLOCTAHYDRO	24.856	781429	0.13	71	331.20
223		24.946	246937	0.04	0	91.10
224	HEXACONTANE	25.048	371655	0.06	76	57.10
225		25.131	585157	0.10	0	91.10
226	Octadecanoic acid, 2,3-dihydroxypropyl ester	25.216	1187926	0.20	94	98.10
227	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-1-PHENYL-	25.332	72708	0.01	78	208.05
228	OCTADECANE	25.398	482180	0.08	86	71.10
229		25.445	304014	0.05	0	71.10
230		25.502	297505	0.05	0	154.10
231	Decane, 1-iodo-	25.628	26320	0.00	75	85.10
232	OCTADECANE	25.715	606111	0.10	85	71.10
233	Tetrapentacontane	25.765	257825	0.04	85	71.10
234	PENTADECANE, 2,6,10,13-TETRAMETHYL-	25.957	116131	0.02	78	71.10
235	OCTADECANE	26.032	48874	0.01	77	71.10
236	CYCLONONASILOXANE, OCTADECAMETHYL-	26.117	78701	0.01	76	355.10
237		26.336	35603	0.01	0	207.00
238		26.468	30257	0.01	0	71.10
239		26.651	60615	0.01	0	71.10
240		26.881	18290	0.00	0	207.00
241		26.991	22838	0.00	0	71.10
242	Tetrapentacontane	27.222	362662	0.06	85	71.10
243		27.298	408206	0.07	0	371.25
244	OCTADECANE	27.527	37915	0.01	78	71.10
245	Tetrapentacontane	27.647	389878	0.07	85	71.10
246	Tetrapentacontane	27.724	152653	0.03	81	71.10
247		27.875	12125	0.00	0	375.25
248	OCTADECANE	27.970	47869	0.01	78	85.10
249	HEXACONTANE	28.070	24736	0.00	72	85.10
250		28.324	19392	0.00	0	81.05
251		28.445	18660	0.00	0	375.25
252		28.705	27260	0.00	0	281.05
253		29.145	6948	0.00	0	207.00
254		29.245	27873	0.00	0	323.05
255		29.369	29720	0.01	0	91.10
256		29.578	68912	0.01	0	91.05
257	HEXACONTANE	29.786	287127	0.05	81	85.10
258	HEXACONTANE	29.879	192572	0.03	72	85.10
259		30.204	47699	0.01	0	57.10
260	Tetrapentacontane	30.395	276625	0.05	83	71.10
261		30.516	254483	0.04	0	57.10
262		30.881	17243	0.00	0	99.15
263		31.275	53106	0.01	0	207.00
264		31.340	19205	0.00	0	207.00
265		31.385	41858	0.01	0	208.00
266		31.475	31417	0.01	0	207.00
			591053010	100.00		

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