

rtres

Instrument :

FID_G

ClientSampleId :

TP-21MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/04/2022

Supervised By :mohammad ahmed 05/04/2022

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322.M
Data File : FG009721.D
Signal(s) : FID1A.ch
Acq On : 03 May 2022 20:55
Sample : N2641-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.667	2.601	2.775	BV	428331	3666357	54.94%	1.568%
2	2.788	2.775	2.848	VV	959	25021	0.37%	0.011%
3	2.854	2.848	2.887	VV	328	4970	0.07%	0.002%
4	2.945	2.887	2.994	VV	639	22125	0.33%	0.009%
5	3.018	2.994	3.090	VV	3152	34141	0.51%	0.015%
6	3.110	3.090	3.167	VV	1915	22670	0.34%	0.010%
7	3.190	3.167	3.257	VV	556	11114	0.17%	0.005%
8	3.299	3.257	3.412	VV	622	12674	0.19%	0.005%
9	3.454	3.412	3.550	PV	814	15878	0.24%	0.007%
10	3.558	3.550	3.581	VV	75	975	0.01%	0.000%
11	3.595	3.581	3.624	VV	85	1050	0.02%	0.000%
12	3.634	3.624	3.646	PV	120	782	0.01%	0.000%
13	3.679	3.646	3.701	VV	439993	4127448	61.85%	1.766%
14	3.722	3.701	3.807	VV	471934	4568902	68.47%	1.954%
15	3.819	3.807	3.871	VV	1488	38431	0.58%	0.016%
16	3.885	3.871	3.898	VV	811	11209	0.17%	0.005%
17	3.907	3.898	3.945	VV	756	14702	0.22%	0.006%
18	3.957	3.945	3.981	VV	511	7583	0.11%	0.003%
19	3.999	3.981	4.036	VV	328	8301	0.12%	0.004%
20	4.053	4.036	4.110	VV	306	8113	0.12%	0.003%
21	4.123	4.110	4.236	VV	227	8319	0.12%	0.004%
22	4.254	4.236	4.288	VV	180	3415	0.05%	0.001%
23	4.302	4.288	4.315	VV	206	2342	0.04%	0.001%
24	4.324	4.315	4.341	VV	179	2146	0.03%	0.001%
25	4.357	4.341	4.367	VV	169	1917	0.03%	0.001%
26	4.383	4.367	4.421	VV	245	4316	0.06%	0.002%
27	4.435	4.421	4.494	VV	295	5600	0.08%	0.002%
28	4.518	4.494	4.558	VV	462	6845	0.10%	0.003%
29	4.574	4.558	4.628	VV	250	3890	0.06%	0.002%
30	4.634	4.628	4.642	VV	63	446	0.01%	0.000%
31	4.648	4.642	4.665	VV	88	570	0.01%	0.000%
32	4.698	4.665	4.723	VV	1822	19748	0.30%	0.008%
33	4.733	4.723	4.760	VV	186	3276	0.05%	0.001%
34	4.770	4.760	4.779	VV	114	886	0.01%	0.000%
35	4.793	4.779	4.837	VV	154	2742	0.04%	0.001%
36	4.852	4.837	4.859	PV	134	988	0.01%	0.000%

37	4.865	4.859	4.907	VV	94	2146	0.03%	0.001%
38	4.918	4.907	4.926	VV	74	552	0.03%	0.001%
39	4.935	4.926	4.944	VV	78	670	0.03%	0.001%
40	4.957	4.944	4.975	VV	104	1528	0.03%	0.001%
41	5.003	4.975	5.068	PV	151	4539	0.02%	0.001%
42	5.075	5.068	5.086	VV	108	771	0.02%	0.000%
43	5.091	5.086	5.125	VV	94	1212	0.02%	0.001%
44	5.137	5.125	5.160	VV	97	1051	0.02%	0.000%
45	5.175	5.160	5.188	PV	93	1069	0.02%	0.000%
46	5.239	5.188	5.375	VV	488346	5048929	75.66%	2.160%
47	5.397	5.375	5.497	VV	1125	36055	0.54%	0.015%
48	5.520	5.497	5.586	VV	621	18240	0.27%	0.008%
49	5.606	5.586	5.636	VV	248	6046	0.09%	0.003%
50	5.677	5.636	5.777	VV	429064	4504576	67.50%	1.927%
51	5.822	5.777	5.948	VV	717	38612	0.58%	0.017%
52	5.990	5.948	6.017	VV	198	6191	0.09%	0.003%
53	6.029	6.017	6.058	VV	148	2494	0.04%	0.001%
54	6.069	6.058	6.101	VV	167	2578	0.04%	0.001%
55	6.110	6.101	6.121	VV	65	531	0.01%	0.000%
56	6.147	6.121	6.176	VV	609	9388	0.14%	0.004%
57	6.199	6.176	6.223	VV	1640	18571	0.28%	0.008%
58	6.233	6.223	6.251	VV	199	2257	0.03%	0.001%
59	6.294	6.251	6.412	VV	476355	5159066	77.31%	2.207%
60	6.426	6.412	6.469	VV	1227	28875	0.43%	0.012%
61	6.488	6.469	6.550	VV	686	21326	0.32%	0.009%
62	6.561	6.550	6.579	VV	343	4836	0.07%	0.002%
63	6.601	6.579	6.641	VV	1096	16071	0.24%	0.007%
64	6.660	6.641	6.711	VV	221	6378	0.10%	0.003%
65	6.719	6.711	6.751	VV	148	2530	0.04%	0.001%
66	6.773	6.751	6.811	VV	210	3096	0.05%	0.001%
67	6.818	6.811	6.852	VV	89	1190	0.02%	0.001%
68	6.909	6.852	7.069	VV	598496	6480491	97.11%	2.772%
69	7.080	7.069	7.107	VV	570	10011	0.15%	0.004%
70	7.116	7.107	7.151	VV	397	8931	0.13%	0.004%
71	7.169	7.151	7.205	VV	914	14117	0.21%	0.006%
72	7.225	7.205	7.258	VV	776	11820	0.18%	0.005%
73	7.268	7.258	7.277	VV	130	1562	0.02%	0.001%
74	7.293	7.277	7.318	VV	268	4132	0.06%	0.002%
75	7.329	7.318	7.345	VV	193	2080	0.03%	0.001%
76	7.379	7.345	7.410	VV	237	5276	0.08%	0.002%
77	7.477	7.410	7.540	VV	448041	4940907	74.04%	2.113%
78	7.574	7.540	7.692	VV	506411	5351016	80.19%	2.289%
79	7.703	7.692	7.738	VV	347	6928	0.10%	0.003%
80	7.774	7.738	7.840	VV	394080	4465468	66.92%	1.910%
81	7.873	7.840	8.048	VV	532005	5788216	86.74%	2.476%
82	8.070	8.048	8.081	VV	325	5721	0.09%	0.002%
83	8.112	8.081	8.128	VV	387	8459	0.13%	0.004%
84	8.146	8.128	8.179	VV	1058	16599	0.25%	0.007%
85	8.188	8.179	8.198	VV	205	2278	0.03%	0.001%
86	8.217	8.198	8.270	VV	276	7296	0.11%	0.003%
87	8.302	8.270	8.345	VV	669	12517	0.19%	0.005%
88	8.347	8.345	8.371	VV	199	1387	0.02%	0.001%
89	8.388	8.371	8.418	VV	134	2152	0.03%	0.001%

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					rters							
90	8.436	8.418	8.458	VV	99	1332	0.02%	0.001%				
91	8.519	8.458	8.559	PV	261	6427						
92	8.575	8.559	8.589	VV	89	720						
93	8.659	8.589	8.788	VV	463903	5948064	89					
94	8.812	8.788	8.835	VV	765	18301						
95	8.866	8.835	8.905	VV	2955	68492						
96	8.918	8.905	8.953	VV	571	10999	0.16%	0.005%				
97	8.975	8.953	8.998	VV	410	9502	0.14%	0.004%				
98	9.014	8.998	9.044	VV	585	9489	0.14%	0.004%				
99	9.083	9.044	9.311	VV	470741	5564829	83.39%	2.380%				
100	9.349	9.311	9.391	VV	593	10013	0.15%	0.004%				
101	9.402	9.391	9.448	VV	145	3245	0.05%	0.001%				
102	9.463	9.448	9.487	VV	151	2206	0.03%	0.001%				
103	9.510	9.487	9.525	VV	155	2685	0.04%	0.001%				
104	9.543	9.525	9.561	VV	204	2816	0.04%	0.001%				
105	9.579	9.561	9.625	VV	278	4169	0.06%	0.002%				
106	9.631	9.625	9.638	VV	47	278	0.00%	0.000%				
107	9.667	9.638	9.691	PV	144	2545	0.04%	0.001%				
108	9.709	9.691	9.731	VV	240	3388	0.05%	0.001%				
109	9.796	9.731	9.811	VV	702	13105	0.20%	0.006%				
110	9.851	9.811	9.977	VV	11448	177235	2.66%	0.076%				
111	10.065	9.977	10.107	PV	523318	6334496	94.93%	2.710%				
112	10.141	10.107	10.266	VV	463686	6461550	96.83%	2.764%				
113	10.276	10.266	10.313	VV	1689	35954	0.54%	0.015%				
114	10.364	10.313	10.431	VV	2213	78865	1.18%	0.034%				
115	10.459	10.431	10.475	VV	747	15245	0.23%	0.007%				
116	10.480	10.475	10.495	VV	691	7554	0.11%	0.003%				
117	10.531	10.495	10.650	VV	488601	6224303	93.27%	2.662%				
118	10.665	10.650	10.704	VV	549	13288	0.20%	0.006%				
119	10.719	10.704	10.744	VV	390	6702	0.10%	0.003%				
120	10.764	10.744	10.797	VV	224	5796	0.09%	0.002%				
121	10.839	10.797	10.894	VV	522112	6145616	92.10%	2.629%				
122	10.905	10.894	10.951	VV	1373	26883	0.40%	0.011%				
123	10.984	10.951	10.997	VV	1325	23990	0.36%	0.010%				
124	11.015	10.997	11.038	VV	1429	27003	0.40%	0.012%				
125	11.050	11.038	11.100	VV	988	17533	0.26%	0.007%				
126	11.124	11.100	11.155	VV	353	7732	0.12%	0.003%				
127	11.199	11.155	11.221	VV	795	13717	0.21%	0.006%				
128	11.250	11.221	11.271	VV	524	11806	0.18%	0.005%				
129	11.286	11.271	11.325	VV	334	4671	0.07%	0.002%				
130	11.346	11.325	11.384	PV	409	5732	0.09%	0.002%				
131	11.445	11.384	11.503	VV	11373	128999	1.93%	0.055%				
132	11.548	11.503	11.595	VV	239	9589	0.14%	0.004%				
133	11.616	11.595	11.633	VV	444	6094	0.09%	0.003%				
134	11.661	11.633	11.696	VV	3380	47415	0.71%	0.020%				
135	11.719	11.696	11.747	VV	470	7378	0.11%	0.003%				
136	11.770	11.747	11.790	VV	885	13030	0.20%	0.006%				
137	11.846	11.790	11.866	VV	498198	6227196	93.32%	2.664%				
138	11.890	11.866	12.001	VV	523295	6673122	100.00%	2.854%				
139	12.021	12.001	12.045	VV	1266	22600	0.34%	0.010%				
140	12.069	12.045	12.115	VV	4798	69658	1.04%	0.030%				
141	12.126	12.115	12.145	VV	566	8256	0.12%	0.004%				

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142	12.189	12.145	12.227	VV	516685	6599929	98.90%	2.823%	
143	12.241	12.227	12.256	VV	7290	105982			
144	12.289	12.256	12.379	VV	404986	5069504	75.11%	0.018%	
145	12.400	12.379	12.419	VV	807	15670	0.01%	0.002%	
146	12.460	12.419	12.566	VV	492082	6244805	93.41%	2.666%	
147	12.586	12.566	12.624	VV	444	11050	0.01%	0.002%	
148	12.654	12.624	12.731	VV	979	23064	0.35%	0.010%	
149	12.783	12.731	12.823	PV	1913	41727	0.63%	0.018%	
150	12.888	12.823	12.915	VV	4718	74345	1.11%	0.032%	
151	12.929	12.915	12.954	VV	1037	16769	0.25%	0.007%	
152	12.965	12.954	12.982	VV	467	6314	0.09%	0.003%	
153	13.048	12.982	13.089	VV	496656	6233208	93.41%	2.666%	
154	13.096	13.089	13.161	VV	1531	31033	0.47%	0.013%	
155	13.177	13.161	13.195	VV	440	6981	0.10%	0.003%	
156	13.206	13.195	13.234	VV	312	5705	0.09%	0.002%	
157	13.276	13.234	13.326	VV	210	8364	0.13%	0.004%	
158	13.369	13.326	13.401	PV	208	5024	0.08%	0.002%	
159	13.471	13.401	13.504	VV	18104	274292	4.11%	0.117%	
160	13.516	13.504	13.576	VV	1591	29901	0.45%	0.013%	
161	13.612	13.576	13.657	VV	817	17195	0.26%	0.007%	
162	13.694	13.657	13.732	VV	3007	52883	0.79%	0.023%	
163	13.755	13.732	13.781	VV	2322	31606	0.47%	0.014%	
164	13.819	13.781	13.860	VV	1379	27526	0.41%	0.012%	
165	13.880	13.860	13.913	VV	201	3408	0.05%	0.001%	
166	13.939	13.913	13.978	VV	518	8590	0.13%	0.004%	
167	14.018	13.978	14.031	VV	808	13766	0.21%	0.006%	
168	14.074	14.031	14.095	VV	435378	6203673	92.97%	2.654%	
169	14.121	14.095	14.137	VV	459783	6311900	94.59%	2.700%	
170	14.157	14.137	14.214	VV	474664	6430912	96.37%	2.751%	
171	14.230	14.214	14.290	VV	3459	88342	1.32%	0.038%	
172	14.323	14.290	14.353	VV	1387	37583	0.56%	0.016%	
173	14.385	14.353	14.393	VV	936	18552	0.28%	0.008%	
174	14.406	14.393	14.465	VV	1009	32482	0.49%	0.014%	
175	14.532	14.465	14.646	VV	20568	436482	6.54%	0.187%	
176	14.674	14.646	14.710	VV	1703	43080	0.65%	0.018%	
177	14.742	14.710	14.772	VV	3320	71135	1.07%	0.030%	
178	14.787	14.772	14.815	VV	1221	22059	0.33%	0.009%	
179	14.831	14.815	14.858	VV	540	12778	0.19%	0.005%	
180	14.920	14.858	14.958	VV	2211	67559	1.01%	0.029%	
181	14.991	14.958	15.023	VV	1448	27497	0.41%	0.012%	
182	15.068	15.023	15.126	VV	1006	37876	0.57%	0.016%	
183	15.184	15.126	15.231	VV	459604	6139186	92.00%	2.626%	
184	15.244	15.231	15.264	VV	364	5308	0.08%	0.002%	
185	15.277	15.264	15.288	VV	222	2188	0.03%	0.001%	
186	15.295	15.288	15.320	PV	26	461	0.01%	0.000%	
187	15.358	15.320	15.398	PV	2024	32755	0.49%	0.014%	
188	15.417	15.398	15.433	VV	555	6724	0.10%	0.003%	
189	15.468	15.433	15.491	VV	938	17726	0.27%	0.008%	
190	15.557	15.491	15.591	VV	3665	92188	1.38%	0.039%	
191	15.639	15.591	15.655	VV	370074	6085114	91.19%	2.603%	
192	15.675	15.655	15.745	VV	480399	6265470	93.89%	2.680%	
193	15.761	15.745	15.865	VV	4431	117310	1.76%	0.050%	
194	15.882	15.865	15.901	VV	846	15581	0.23%	0.007%	

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195	15.950	15.901	15.977	VV	8281	167686	2.51%	0.072%
196	16.021	15.977	16.088	VV	350476	5511509	82.51%	2.511%
197	16.136	16.088	16.198	VV	407777	6062591	90.06%	2.511%
198	16.212	16.198	16.239	VV	1298	28250	0.04%	0.002%
199	16.264	16.239	16.308	VV	1159	37771	0.03%	0.001%
200	16.327	16.308	16.341	VV	569	8990	0.01%	0.001%
201	16.387	16.341	16.460	VV	1593	52410	0.79%	0.022%
202	16.514	16.460	16.560	PV	1704	58866	0.88%	0.025%
203	16.586	16.560	16.632	VV	2858	55442	0.83%	0.024%
204	16.677	16.632	16.708	VV	1131	28212	0.42%	0.012%
205	16.720	16.708	16.761	VV	474	8019	0.12%	0.003%
206	16.795	16.761	16.835	VV	307	6610	0.10%	0.003%
207	16.878	16.835	16.888	PV	267	3801	0.06%	0.002%
208	16.918	16.888	16.935	VV	683	11775	0.18%	0.005%
209	17.030	16.935	17.085	VV	402265	5673610	85.02%	2.427%
210	17.114	17.085	17.137	VV	2036	34404	0.52%	0.015%
211	17.176	17.137	17.221	VV	1086	41624	0.62%	0.018%
212	17.244	17.221	17.265	VV	786	15412	0.23%	0.007%
213	17.295	17.265	17.346	VV	2213	61260	0.92%	0.026%
214	17.397	17.346	17.414	VV	339099	5468358	81.95%	2.339%
215	17.438	17.414	17.509	VV	383263	5865741	87.90%	2.509%
216	17.522	17.509	17.605	VV	3999	147472	2.21%	0.063%
217	17.655	17.605	17.758	VV	334700	5640855	84.53%	2.413%
218	17.771	17.758	17.815	VV	2766	65914	0.99%	0.028%
219	17.864	17.815	17.924	VV	372680	5527568	82.83%	2.364%
220	17.952	17.924	17.995	VV	2398	71625	1.07%	0.031%
221	18.048	17.995	18.056	VV	1712	50062	0.75%	0.021%
222	18.093	18.056	18.101	VV	2341	53534	0.80%	0.023%
223	18.130	18.101	18.184	VV	2491	104201	1.56%	0.045%
224	18.218	18.184	18.238	VV	5257	118784	1.78%	0.051%
225	18.257	18.238	18.296	VV	5265	132393	1.98%	0.057%
226	18.312	18.296	18.351	VV	2243	61943	0.93%	0.026%
227	18.366	18.351	18.395	VV	1580	31489	0.47%	0.013%
228	18.444	18.395	18.456	VV	1226	29529	0.44%	0.013%
229	18.473	18.456	18.495	VV	1324	27225	0.41%	0.012%
230	18.649	18.495	18.715	VV	323578	5007840	75.04%	2.142%
231	18.750	18.715	18.774	VV	3728	114392	1.71%	0.049%
232	18.813	18.774	18.848	VV	5221	176370	2.64%	0.075%
233	18.884	18.848	18.911	VV	5346	172008	2.58%	0.074%
234	18.924	18.911	18.961	VV	4261	109514	1.64%	0.047%
235	18.977	18.961	19.000	VV	3570	79592	1.19%	0.034%
236	19.023	19.000	19.074	VV	4552	154236	2.31%	0.066%
237	19.117	19.074	19.131	VV	3948	122596	1.84%	0.052%
238	19.200	19.131	19.239	VV	6426	312084	4.68%	0.133%
239	19.259	19.239	19.296	VV	5634	181070	2.71%	0.077%
240	19.308	19.296	19.317	VV	5669	65844	0.99%	0.028%
241	19.335	19.317	19.351	VV	6213	121695	1.82%	0.052%
242	19.391	19.351	19.459	VV	272609	4617335	69.19%	1.975%
243	19.468	19.459	19.486	VV	7351	112104	1.68%	0.048%
244	19.499	19.486	19.507	VV	7279	87943	1.32%	0.038%
245	19.536	19.507	19.551	VV	9154	212767	3.19%	0.091%
246	19.580	19.551	19.590	VV	8324	189426	2.84%	0.081%

Instrument :

FID_G

ClientSampleId :

TP-21MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/04/2022

Supervised By :mohammad ahmed 05/04/2022

rtetes								
247	19.606	19.590	19.624	VV	8896	171307	2.57%	0.073%
248	19.634	19.624	19.649	VV	8087	112709		
249	19.681	19.649	19.691	VV	8454	199593		
250	19.699	19.691	19.704	VV	8265	63989		
251	19.750	19.704	19.816	VV	9897	567741		
252	19.827	19.816	19.848	VV	7225	128817		
253	19.859	19.848	19.877	VV	6212	100863	1.51%	0.043%
254	19.889	19.877	19.898	VV	6411	77365	1.16%	0.033%
255	19.915	19.898	19.928	VV	6603	112884	1.69%	0.048%
256	19.966	19.928	19.987	VV	6740	231763	3.47%	0.099%
257	20.008	19.987	20.022	VV	6870	136160	2.04%	0.058%
258	20.031	20.022	20.044	VV	6626	81767	1.23%	0.035%
259	20.057	20.044	20.067	VV	6432	87068	1.30%	0.037%
260	20.130	20.067	20.211	VV	214202	4407602	66.05%	1.885%
261	20.222	20.211	20.235	VV	6984	94727	1.42%	0.041%
262	20.243	20.235	20.321	VV	6474	235083	3.52%	0.101%
263	20.396	20.321	20.413	VV	5843	262952	3.94%	0.112%
264	20.438	20.413	20.450	VV	6149	123691	1.85%	0.053%
265	20.485	20.450	20.505	VV	5657	178153	2.67%	0.076%
266	20.514	20.505	20.528	VV	5338	67069	1.01%	0.029%
267	20.561	20.528	20.596	VV	5640	202719	3.04%	0.087%
268	20.621	20.596	20.663	VV	5209	179757	2.69%	0.077%
269	20.684	20.663	20.697	VV	4556	83958	1.26%	0.036%
270	20.708	20.697	20.818	VV	4190	165795	2.48%	0.071%
271	20.879	20.818	20.888	PV	944	25412	0.38%	0.011%
272	20.902	20.888	20.918	VV	922	12956	0.19%	0.006%
273	20.940	20.918	20.956	VV	903	16287	0.24%	0.007%
274	21.039	20.956	21.101	VBA	152351	3658770	54.83%	1.565%
Sum of corrected areas:							233779514	

Instrument :

FID_G

ClientSampleId :

TP-21MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/04/2022

Supervised By :mohammad ahmed 05/04/2022

Aliphatic EPH FG050322.M Wed May 04 12:55:18 2022