

rteres

Instrument :

FID_G

ClientSampleId :

BU-703-22A

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG06062
Data File : FG015970.D
Signal(s) : FID1A.ch
Acq On : 06 Jun 2025 17:33
Sample : Q2208-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.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	3.322	3.315	3.356	PV	33	732	0.01%	0.002%
2	3.390	3.356	3.411	PV	105	2017	0.02%	0.007%
3	3.434	3.411	3.466	VV	142	3222	0.03%	0.011%
4	3.475	3.466	3.508	VV	120	2172	0.02%	0.007%
5	3.521	3.508	3.552	VV	138	2950	0.03%	0.010%
6	3.574	3.552	3.608	VV	172	4014	0.04%	0.013%
7	3.616	3.608	3.647	VV	124	2527	0.03%	0.008%
8	3.669	3.647	3.680	VV	173	2725	0.03%	0.009%
9	3.685	3.680	3.695	VV	162	1209	0.01%	0.004%
10	3.719	3.695	3.768	VV	342	10186	0.10%	0.034%
11	3.779	3.768	3.825	VV	181	4958	0.05%	0.016%
12	3.839	3.825	3.928	VV	241	12591	0.13%	0.042%
13	3.937	3.928	3.968	VV	236	4445	0.04%	0.015%
14	3.978	3.968	3.995	VV	205	2699	0.03%	0.009%
15	4.045	3.995	4.111	VV	229	12024	0.12%	0.040%
16	4.124	4.111	4.152	VV	189	4084	0.04%	0.014%
17	4.157	4.152	4.205	VV	156	4613	0.05%	0.015%
18	4.221	4.205	4.238	VV	214	3712	0.04%	0.012%
19	4.252	4.238	4.261	VV	218	2651	0.03%	0.009%
20	4.269	4.261	4.277	VV	230	1913	0.02%	0.006%
21	4.291	4.277	4.329	VV	239	6577	0.07%	0.022%
22	4.363	4.329	4.373	VV	261	5572	0.06%	0.018%
23	4.417	4.373	4.461	VV	295	12740	0.13%	0.042%
24	4.483	4.461	4.506	VV	443	8521	0.09%	0.028%
25	4.514	4.506	4.588	VV	296	11880	0.12%	0.039%
26	4.604	4.588	4.634	VV	272	4613	0.05%	0.015%
27	4.663	4.634	4.716	VV	325	10558	0.11%	0.035%
28	4.725	4.716	4.748	VV	190	2952	0.03%	0.010%
29	4.759	4.748	4.788	VV	216	3663	0.04%	0.012%
30	4.818	4.788	4.878	VV	231	11029	0.11%	0.037%
31	4.883	4.878	4.892	VV	263	1806	0.02%	0.006%
32	4.898	4.892	4.909	VV	234	2373	0.02%	0.008%
33	4.918	4.909	4.932	VV	215	2717	0.03%	0.009%
34	4.971	4.932	5.010	VV	277	9945	0.10%	0.033%
35	5.023	5.010	5.088	VV	190	7033	0.07%	0.023%
36	5.096	5.088	5.105	VV	171	1528	0.02%	0.005%

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37	5.115	5.105	5.128	VV	144	1723	0.02%	0.006%
38	5.145	5.128	5.195	VV	226	5759		
39	5.204	5.195	5.231	VV	179	2141		
40	5.247	5.231	5.283	VV	100	2704		
41	5.296	5.283	5.382	VV	111	3982		
42	5.392	5.382	5.402	VV	82	640		
43	5.409	5.402	5.418	VV	77	345	0.00%	0.001%
44	5.461	5.418	5.483	VV	133	2370	0.02%	0.008%
45	5.492	5.483	5.503	VV	79	575	0.01%	0.002%
46	5.515	5.503	5.572	VV	129	2689	0.03%	0.009%
47	5.577	5.572	5.600	VV	77	686	0.01%	0.002%
48	5.634	5.600	5.649	PV	160	2306	0.02%	0.008%
49	5.654	5.649	5.678	VV	146	1255	0.01%	0.004%
50	5.687	5.678	5.718	VV	90	1029	0.01%	0.003%
51	5.740	5.718	5.752	VV	157	2258	0.02%	0.007%
52	5.759	5.752	5.862	VV	148	5013	0.05%	0.017%
53	5.875	5.862	5.884	VV	104	964	0.01%	0.003%
54	5.917	5.884	5.996	VV	259	9681	0.10%	0.032%
55	6.001	5.996	6.076	VV	161	5408	0.05%	0.018%
56	6.102	6.076	6.178	VV	133	6762	0.07%	0.022%
57	6.198	6.178	6.215	VV	218	3388	0.03%	0.011%
58	6.262	6.215	6.288	VV	234	7582	0.08%	0.025%
59	6.298	6.288	6.352	VV	220	7450	0.07%	0.025%
60	6.375	6.352	6.396	VV	323	6363	0.06%	0.021%
61	6.407	6.396	6.438	VV	210	4274	0.04%	0.014%
62	6.446	6.438	6.514	VV	193	6345	0.06%	0.021%
63	6.555	6.514	6.608	VV	205	6320	0.06%	0.021%
64	6.616	6.608	6.639	VV	144	2005	0.02%	0.007%
65	6.670	6.639	6.698	VV	264	5466	0.05%	0.018%
66	6.729	6.698	6.755	VV	193	4433	0.04%	0.015%
67	6.764	6.755	6.776	VV	132	1477	0.01%	0.005%
68	6.788	6.776	6.798	VV	135	1195	0.01%	0.004%
69	6.810	6.798	6.863	VV	103	1696	0.02%	0.006%
70	6.891	6.863	6.908	PV	76	1001	0.01%	0.003%
71	6.955	6.908	6.978	VV	191	4643	0.05%	0.015%
72	7.004	6.978	7.052	VV	132	3494	0.03%	0.012%
73	7.118	7.052	7.175	VV	148	7192	0.07%	0.024%
74	7.239	7.175	7.278	VV	237	10886	0.11%	0.036%
75	7.284	7.278	7.325	VV	241	4560	0.05%	0.015%
76	7.347	7.325	7.396	VV	225	7103	0.07%	0.024%
77	7.404	7.396	7.429	VV	128	2409	0.02%	0.008%
78	7.439	7.429	7.497	VV	124	2712	0.03%	0.009%
79	7.518	7.497	7.534	VV	129	1527	0.02%	0.005%
80	7.558	7.534	7.576	VV	95	1945	0.02%	0.006%
81	7.613	7.576	7.635	VV	138	2788	0.03%	0.009%
82	7.637	7.635	7.663	VV	128	1030	0.01%	0.003%
83	7.698	7.663	7.851	VV	150	4804	0.05%	0.016%
84	8.067	8.055	8.385	VV	3793	237065	2.37%	0.787%
85	8.401	8.385	8.413	VV	449	7397	0.07%	0.025%
86	8.418	8.413	8.453	VV	447	9856	0.10%	0.033%
87	8.497	8.453	8.524	VV	1126	29106	0.29%	0.097%
88	8.541	8.524	8.601	VV	814	21967	0.22%	0.073%
89	8.642	8.601	8.722	VV	442	20009	0.20%	0.066%

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90	8.730	8.722	8.778	VV	199	4803	0.05%	0.016%
91	9.228	9.202	9.311	VV	1292	50778		
92	9.333	9.311	9.362	VV	557	14423		
93	9.372	9.362	9.452	VV	471	17061		
94	9.468	9.452	9.476	VV	251	3409		
95	9.515	9.476	9.652	VV	407	19172		
96	9.658	9.652	9.672	VV	107	1192	0.01%	0.004%
97	9.679	9.672	9.690	VV	129	1221	0.01%	0.004%
98	9.698	9.690	9.706	VV	135	1078	0.01%	0.004%
99	9.744	9.706	9.781	VV	254	7555	0.08%	0.025%
100	9.793	9.781	9.818	VV	180	3645	0.04%	0.012%
101	9.835	9.818	9.922	VV	233	9720	0.10%	0.032%
102	9.941	9.922	9.965	VV	1194	14423	0.14%	0.048%
103	9.992	9.965	10.352	VV	31357	988434	9.90%	3.280%
104	10.364	10.352	10.382	VV	383	5607	0.06%	0.019%
105	10.390	10.382	10.399	VV	244	2464	0.02%	0.008%
106	10.406	10.399	10.412	VV	244	1766	0.02%	0.006%
107	10.459	10.412	10.588	VV	4843	122213	1.22%	0.406%
108	10.595	10.588	10.613	VV	369	5225	0.05%	0.017%
109	10.624	10.613	10.659	VV	335	7470	0.07%	0.025%
110	10.673	10.659	10.704	VV	319	5799	0.06%	0.019%
111	10.721	10.704	10.741	VV	206	4137	0.04%	0.014%
112	10.761	10.741	10.808	VV	310	8407	0.08%	0.028%
113	10.836	10.808	10.845	VV	433	7467	0.07%	0.025%
114	10.854	10.845	10.891	VV	437	8463	0.08%	0.028%
115	10.924	10.891	10.948	VV	272	6769	0.07%	0.022%
116	10.975	10.948	11.019	VV	259	8249	0.08%	0.027%
117	11.029	11.019	11.053	VV	157	2395	0.02%	0.008%
118	11.073	11.053	11.085	VV	169	2473	0.02%	0.008%
119	11.089	11.085	11.107	VV	147	1666	0.02%	0.006%
120	11.115	11.107	11.147	VV	177	3001	0.03%	0.010%
121	11.194	11.147	11.211	VV	248	5966	0.06%	0.020%
122	11.229	11.211	11.272	VV	266	7026	0.07%	0.023%
123	11.277	11.272	11.298	VV	157	2033	0.02%	0.007%
124	11.316	11.298	11.342	VV	178	3688	0.04%	0.012%
125	11.353	11.342	11.379	VV	130	2475	0.02%	0.008%
126	11.383	11.379	11.441	VV	132	2417	0.02%	0.008%
127	11.492	11.441	11.520	PV	688	12252	0.12%	0.041%
128	11.559	11.520	11.618	VV	620	14112	0.14%	0.047%
129	11.642	11.618	11.688	VV	720	12822	0.13%	0.043%
130	11.715	11.688	11.736	VV	310	4504	0.05%	0.015%
131	11.752	11.736	11.779	VV	286	3716	0.04%	0.012%
132	11.795	11.779	11.809	PV	108	904	0.01%	0.003%
133	11.877	11.809	12.166	PV	863307	9985016	100.00%	33.133%
134	12.232	12.166	12.293	VV	593	23317	0.23%	0.077%
135	12.331	12.293	12.355	VV	462	11551	0.12%	0.038%
136	12.365	12.355	12.406	VV	209	4768	0.05%	0.016%
137	12.430	12.406	12.462	VV	250	5595	0.06%	0.019%
138	12.488	12.462	12.538	VV	5270	80465	0.81%	0.267%
139	12.550	12.538	12.564	VV	946	11977	0.12%	0.040%
140	12.578	12.564	12.642	VV	919	29599	0.30%	0.098%
141	12.649	12.642	12.664	VV	435	5780	0.06%	0.019%

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142	12.684	12.664	12.756	VV	774	22225	0.22%	0.074%
143	12.793	12.756	12.840	VV	681	17870	0.08%	0.025%
144	12.872	12.840	12.907	VV	799	17902	0.21%	0.069%
145	12.944	12.907	12.976	VV	3560	62688	0.16%	0.052%
146	12.992	12.976	13.035	VV	604	12743	0.21%	0.070%
147	13.077	13.035	13.095	VV	397	8597	0.06%	0.020%
148	13.127	13.095	13.181	VV	450	15328	0.04%	0.013%
149	13.201	13.181	13.232	VV	282	6997	0.28%	0.094%
150	13.321	13.232	13.463	VV	657720	8201855	0.44%	0.145%
151	13.485	13.463	13.539	VV	1136	33764	0.35%	0.117%
152	13.551	13.539	13.568	VV	475	7653	0.16%	0.055%
153	13.622	13.568	13.644	VV	608	20801	0.08%	0.028%
154	13.666	13.644	13.705	VV	493	15749	0.07%	0.022%
155	13.728	13.705	13.789	VV	557	21191	0.02%	0.008%
156	13.803	13.789	13.821	VV	363	5960	0.06%	0.021%
157	13.832	13.821	13.845	VV	305	3894	0.05%	0.017%
158	13.927	13.845	13.967	VV	592	28227	0.71%	0.234%
159	14.028	13.967	14.052	VV	2235	43700	0.36%	0.120%
160	14.071	14.052	14.158	VV	1358	35295	0.18%	0.058%
161	14.188	14.158	14.259	VV	393	16467	0.16%	0.054%
162	14.295	14.259	14.312	VV	364	8478	0.62%	0.207%
163	14.319	14.312	14.350	VV	316	6493	0.16%	0.054%
164	14.357	14.350	14.368	VV	230	2373	0.03%	0.011%
165	14.392	14.368	14.418	VV	265	6439	0.06%	0.019%
166	14.438	14.418	14.454	VV	276	5186	0.00%	0.001%
167	14.511	14.454	14.609	VV	2106	70593	0.02%	0.006%
168	14.637	14.609	14.664	VV	2605	36255	0.03%	0.008%
169	14.696	14.664	14.722	VV	743	17517	5.57%	1.846%
170	14.740	14.722	14.762	VV	882	16390	0.90%	0.300%
171	14.787	14.762	14.862	VV	594	19621	0.16%	0.054%
172	14.904	14.862	14.958	VV	480	13826	0.62%	0.207%
173	14.969	14.958	14.974	VV	152	1124	0.16%	0.054%
174	14.987	14.974	14.999	VV	217	2351	0.03%	0.011%
175	15.047	14.999	15.114	VV	420	15072	0.15%	0.050%
176	15.146	15.114	15.158	VV	1133	16373	0.16%	0.054%
177	15.178	15.158	15.212	VV	4346	62346	0.62%	0.207%
178	15.228	15.212	15.271	VV	995	16409	0.16%	0.054%
179	15.298	15.271	15.332	VV	162	3423	0.03%	0.011%
180	15.373	15.332	15.442	PV	205	5586	0.06%	0.019%
181	15.452	15.442	15.462	VV	52	406	0.00%	0.001%
182	15.482	15.462	15.498	PV	165	1865	0.02%	0.006%
183	15.513	15.498	15.528	VV	204	2557	0.03%	0.008%
184	15.570	15.528	15.671	VV	21056	556446	5.57%	1.846%
185	15.699	15.671	15.737	VV	5767	90328	0.90%	0.300%
186	15.765	15.737	15.804	VV	3824	55943	0.56%	0.186%
187	15.828	15.804	15.862	VV	380	7551	0.08%	0.025%
188	15.879	15.862	15.914	VV	124	2140	0.02%	0.007%
189	15.956	15.914	15.967	PV	83	933	0.01%	0.003%
190	16.023	15.967	16.045	PV	358	8019	0.08%	0.027%
191	16.100	16.045	16.152	VV	759	24172	0.24%	0.080%
192	16.203	16.152	16.248	VV	5317	80403	0.81%	0.267%
193	16.272	16.248	16.308	VV	355	6817	0.07%	0.023%
194	16.342	16.308	16.365	VV	331	5120	0.05%	0.017%

195	16.403	16.365	16.414	PV	235	4130	0.04%	0.014%
196	16.429	16.414	16.465	VV	186	3693		
197	16.492	16.465	16.532	VV	443	10317		
198	16.595	16.532	16.634	VV	2038	56939		
199	16.687	16.634	16.724	VV	5447	95489		
200	16.763	16.724	16.818	VV	905	20737		
201	16.850	16.818	16.870	VV	405	8852	0.09%	0.029%
202	16.878	16.870	16.947	VV	280	8313	0.08%	0.028%
203	16.991	16.947	17.007	PV	314	5984	0.06%	0.020%
204	17.040	17.007	17.061	VV	431	8429	0.08%	0.028%
205	17.155	17.061	17.188	VV	4507	80545	0.81%	0.267%
206	17.201	17.188	17.213	VV	334	3800	0.04%	0.013%
207	17.238	17.213	17.292	VV	732	16102	0.16%	0.053%
208	17.311	17.292	17.325	VV	103	1856	0.02%	0.006%
209	17.335	17.325	17.358	VV	117	1474	0.01%	0.005%
210	17.387	17.358	17.404	VV	234	3383	0.03%	0.011%
211	17.447	17.404	17.463	PV	298	5943	0.06%	0.020%
212	17.491	17.463	17.511	VV	543	9184	0.09%	0.030%
213	17.541	17.511	17.572	VV	1147	27834	0.28%	0.092%
214	17.605	17.572	17.658	VV	5148	84752	0.85%	0.281%
215	17.697	17.658	17.754	VV	955	19779	0.20%	0.066%
216	17.813	17.754	17.849	PV	339	10096	0.10%	0.034%
217	17.875	17.849	17.910	VV	302	6390	0.06%	0.021%
218	17.935	17.910	17.948	PV	190	2053	0.02%	0.007%
219	18.003	17.948	18.023	VV	1793	34253	0.34%	0.114%
220	18.044	18.023	18.073	VV	2792	42888	0.43%	0.142%
221	18.136	18.073	18.194	VV	2713	71244	0.71%	0.236%
222	18.215	18.194	18.230	VV	576	9296	0.09%	0.031%
223	18.267	18.230	18.298	VV	1678	32042	0.32%	0.106%
224	18.320	18.298	18.335	VV	490	7873	0.08%	0.026%
225	18.361	18.335	18.381	VV	2185	33544	0.34%	0.111%
226	18.419	18.381	18.454	VV	10883	262510	2.63%	0.871%
227	18.465	18.454	18.531	VV	4542	87765	0.88%	0.291%
228	18.567	18.531	18.629	VV	1821	52970	0.53%	0.176%
229	18.638	18.629	18.658	VV	501	7757	0.08%	0.026%
230	18.697	18.658	18.711	VV	490	12502	0.13%	0.041%
231	18.743	18.711	18.804	VV	452	15729	0.16%	0.052%
232	18.871	18.804	18.941	PV	2357	70386	0.70%	0.234%
233	18.984	18.941	19.009	VV	2031	44422	0.44%	0.147%
234	19.025	19.009	19.079	VV	1356	29230	0.29%	0.097%
235	19.085	19.079	19.097	VV	118	714	0.01%	0.002%
236	19.153	19.097	19.182	PV	375	7147	0.07%	0.024%
237	19.246	19.182	19.332	VV	8149	312342	3.13%	1.036%
238	19.472	19.332	19.500	VV	4781	215393	2.16%	0.715%
239	19.509	19.500	19.547	VV	1751	39596	0.40%	0.131%
240	19.570	19.547	19.590	VV	1163	27956	0.28%	0.093%
241	19.622	19.590	19.635	VV	1151	29667	0.30%	0.098%
242	19.664	19.635	19.692	VV	1409	43018	0.43%	0.143%
243	19.727	19.692	19.746	VV	2295	57752	0.58%	0.192%
244	19.777	19.746	19.808	VV	2963	83625	0.84%	0.277%
245	19.839	19.808	19.875	VV	2506	70029	0.70%	0.232%
246	19.936	19.875	19.944	VV	1825	54919	0.55%	0.182%

Instrument :

FID_G

ClientSampleId :

BU-703-22A

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Chromatogram Data Table									
Peak No.	Retention Time (min)	Area	Height	Width	Integration	Integration	Integration	Integration	Integration
247	19.954	19.944	19.987	VV	1762	40909	0.41%	0.136%	
248	20.019	19.987	20.054	VV	3349	94136			
249	20.064	20.054	20.090	VV	2299	46574			
250	20.111	20.090	20.122	VV	1919	35021			
251	20.243	20.122	20.254	VV	3049	168828			
252	20.281	20.254	20.331	VV	6899	185103			
253	20.561	20.331	20.604	VV	17212	771345	7.73%	2.560%	
254	20.712	20.604	20.757	VV	7050	513030	5.14%	1.702%	
255	20.791	20.757	20.825	VV	6379	252178	2.53%	0.837%	
256	20.936	20.825	20.965	VV	6564	520630	5.21%	1.728%	
257	21.059	20.965	21.112	VV	6659	558321	5.59%	1.853%	
258	21.124	21.112	21.168	VV	6025	200909	2.01%	0.667%	
259	21.209	21.168	21.342	VV	5710	562004	5.63%	1.865%	
260	21.351	21.342	21.358	VV	4904	48609	0.49%	0.161%	
261	21.385	21.358	21.398	VV	4847	115594	1.16%	0.384%	
262	21.402	21.398	21.424	VV	4730	71968	0.72%	0.239%	
263	21.463	21.424	21.514	VV	4760	247325	2.48%	0.821%	
264	21.577	21.514	21.625	VV	4323	274550	2.75%	0.911%	
265	21.651	21.625	21.665	VV	3680	87249	0.87%	0.290%	
266	21.676	21.665	21.683	VV	3554	39127	0.39%	0.130%	
267	21.703	21.683	21.712	VV	3487	58814	0.59%	0.195%	
268	21.719	21.712	21.785	VV	3413	142558	1.43%	0.473%	
269	21.811	21.785	21.872	VV	3009	148319	1.49%	0.492%	
270	21.919	21.872	21.955	VV	2449	120460	1.21%	0.400%	
271	22.110	21.955	22.122	VV	2857	244893	2.45%	0.813%	
272	22.189	22.122	22.381	VV	3124	288470	2.89%	0.957%	
273	22.391	22.381	22.402	VBA	107	21979	0.22%	0.073%	
Sum of corrected areas:						30136206			

Instrument :
FID_G
ClientSampleId :
BU-703-22A

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/09/2025
Supervised By :mohammad ahmed 06/10/2025

Aliphatic EPH 051225.M Sat Jun 07 00:36:16 2025