

Instrument :

FID_C

ClientSampleId :

13-1MS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F0
Data File : FC069888.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2025 19:21
Sample : Q3245-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/01/2025
Supervised By :mohammad ahmed 10/03/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.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	3.238	3.204	3.257	BV	315	2416	0.02%	0.001%
2	3.267	3.257	3.350	VV	371	5111	0.05%	0.003%
3	3.382	3.350	3.477	PV	371625	3129918	30.81%	1.555%
4	3.487	3.477	3.498	VV	308	3368	0.03%	0.002%
5	3.509	3.498	3.522	VV	313	3737	0.04%	0.002%
6	3.534	3.522	3.578	VV	231	5855	0.06%	0.003%
7	3.584	3.578	3.603	VV	174	1674	0.02%	0.001%
8	3.622	3.603	3.630	PV	91	706	0.01%	0.000%
9	3.680	3.630	3.717	VV	499	14165	0.14%	0.007%
10	3.737	3.717	3.754	VV	695	7996	0.08%	0.004%
11	3.771	3.754	3.831	VV	6475	56878	0.56%	0.028%
12	3.868	3.831	3.918	VV	4693	43200	0.43%	0.021%
13	3.927	3.918	3.938	VV	249	2224	0.02%	0.001%
14	3.964	3.938	4.014	VV	325	7772	0.08%	0.004%
15	4.046	4.014	4.070	VV	398	8066	0.08%	0.004%
16	4.082	4.070	4.133	VV	381	6900	0.07%	0.003%
17	4.150	4.133	4.160	VV	340	3449	0.03%	0.002%
18	4.184	4.160	4.201	VV	327	5486	0.05%	0.003%
19	4.220	4.201	4.248	VV	784	9848	0.10%	0.005%
20	4.260	4.248	4.332	VV	216	7119	0.07%	0.004%
21	4.371	4.332	4.393	VV	169	4519	0.04%	0.002%
22	4.405	4.393	4.419	VV	133	2029	0.02%	0.001%
23	4.456	4.419	4.478	VV	414858	3667667	36.10%	1.822%
24	4.499	4.478	4.588	VV	436366	3837219	37.77%	1.906%
25	4.603	4.588	4.654	VV	679	14823	0.15%	0.007%
26	4.659	4.654	4.694	VV	251	4646	0.05%	0.002%
27	4.709	4.694	4.726	VV	236	2974	0.03%	0.001%
28	4.737	4.726	4.765	VV	201	3281	0.03%	0.002%
29	4.784	4.765	4.851	VV	184	5446	0.05%	0.003%
30	4.872	4.851	4.924	VV	621	6066	0.06%	0.003%
31	4.928	4.924	4.936	VV	223	886	0.01%	0.000%

32	4.941	4.936	4.968	VV	90	1130	0.01%	0.001%
33	4.985	4.968	5.004	PV	106	127		
34	5.057	5.004	5.088	VV	262	583		
35	5.099	5.088	5.154	VV	183	482		
36	5.176	5.154	5.189	VV	289	352		
37	5.207	5.189	5.268	VV	165	4931	0.05%	0.002%
38	5.282	5.268	5.293	PV	170	1460	0.01%	0.001%
39	5.314	5.293	5.361	VV	464	8247	0.08%	0.004%
40	5.371	5.361	5.411	VV	204	2920	0.03%	0.001%
41	5.418	5.411	5.451	VV	125	1337	0.01%	0.001%
42	5.460	5.451	5.474	VV	53	486	0.00%	0.000%
43	5.494	5.474	5.513	VV	1395	14159	0.14%	0.007%
44	5.527	5.513	5.584	VV	493	10434	0.10%	0.005%
45	5.603	5.584	5.637	VV	394	6920	0.07%	0.003%
46	5.647	5.637	5.671	VV	173	2749	0.03%	0.001%
47	5.674	5.671	5.700	VV	196	2444	0.02%	0.001%
48	5.742	5.700	5.765	VV	333	7030	0.07%	0.003%
49	5.789	5.765	5.822	VV	276	4928	0.05%	0.002%
50	5.838	5.822	5.874	VV	287	4865	0.05%	0.002%
51	5.880	5.874	5.920	VV	143	2726	0.03%	0.001%
52	5.946	5.920	5.968	VV	199	4121	0.04%	0.002%
53	6.000	5.968	6.015	VV	213	4556	0.04%	0.002%
54	6.049	6.015	6.172	VV	475424	4509327	44.39%	2.240%
55	6.195	6.172	6.264	VV	596	19084	0.19%	0.009%
56	6.275	6.264	6.301	VV	316	5550	0.05%	0.003%
57	6.329	6.301	6.378	VV	473	15918	0.16%	0.008%
58	6.382	6.378	6.443	VV	284	8399	0.08%	0.004%
59	6.479	6.443	6.538	VV	437677	4327301	42.60%	2.150%
60	6.551	6.538	6.611	VV	1109	19768	0.19%	0.010%
61	6.628	6.611	6.714	VV	401	11517	0.11%	0.006%
62	6.749	6.714	6.772	VV	217	5022	0.05%	0.002%
63	6.804	6.772	6.832	VV	242	4743	0.05%	0.002%
64	6.838	6.832	6.848	VV	117	883	0.01%	0.000%
65	6.898	6.848	6.921	VV	352	7580	0.07%	0.004%
66	6.955	6.921	6.987	VV	3055	44059	0.43%	0.022%
67	7.013	6.987	7.062	VV	6757	74297	0.73%	0.037%
68	7.108	7.062	7.221	VV	488435	4684325	46.11%	2.327%
69	7.242	7.221	7.277	VV	1050	19752	0.19%	0.010%
70	7.299	7.277	7.314	VV	1368	19386	0.19%	0.010%
71	7.323	7.314	7.352	VV	820	10978	0.11%	0.005%
72	7.373	7.352	7.387	VV	676	9232	0.09%	0.005%
73	7.402	7.387	7.431	VV	1263	14575	0.14%	0.007%
74	7.464	7.431	7.479	VV	339	6628	0.07%	0.003%
75	7.496	7.479	7.509	VV	350	4168	0.04%	0.002%
76	7.580	7.509	7.649	VV	477	14439	0.14%	0.007%
77	7.658	7.649	7.678	VV	182	2116	0.02%	0.001%
78	7.817	7.788	7.844	VV	798	21787	0.21%	0.011%
79	7.858	7.844	7.879	VV	766	11164	0.11%	0.006%

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80	7.894	7.879	7.938	VV	325	9333	0.09%	0.005%
81	7.971	7.938	7.997	VV	592	1084		
82	8.027	7.997	8.068	VV	446	1252		
83	8.174	8.068	8.208	VV	472	2321		
84	8.218	8.208	8.231	VV	258	316		
85	8.278	8.231	8.361	VV	477039	4962383	48.85%	2.465%
86	8.393	8.361	8.497	VV	530935	5206649	51.25%	2.587%
87	8.510	8.497	8.545	VV	353	7083	0.07%	0.004%
88	8.691	8.656	8.732	VV	537364	5368408	52.84%	2.667%
89	8.744	8.732	8.798	VV	1330	31120	0.31%	0.015%
90	8.808	8.798	8.856	VV	376	9918	0.10%	0.005%
91	8.886	8.856	8.936	VV	416	13272	0.13%	0.007%
92	8.964	8.936	8.984	VV	1446	23598	0.23%	0.012%
93	8.993	8.984	9.056	VV	867	19484	0.19%	0.010%
94	9.099	9.056	9.130	VV	1093	17197	0.17%	0.009%
95	9.149	9.130	9.179	VV	319	6633	0.07%	0.003%
96	9.195	9.179	9.232	VV	176	3674	0.04%	0.002%
97	9.245	9.232	9.257	VV	160	1476	0.01%	0.001%
98	9.281	9.257	9.378	VV	255	10282	0.10%	0.005%
99	9.391	9.378	9.412	VV	243	3304	0.03%	0.002%
100	9.475	9.412	9.581	VV	542646	5544040	54.57%	2.754%
101	9.617	9.581	9.641	VV	432	12570	0.12%	0.006%
102	9.657	9.641	9.667	VV	1034	11585	0.11%	0.006%
103	9.687	9.667	9.723	VV	5580	70588	0.69%	0.035%
104	9.749	9.723	9.834	VV	34751	416643	4.10%	0.207%
105	9.880	9.834	9.954	VV	485821	5473950	53.88%	2.719%
106	9.977	9.954	10.011	VV	517	11051	0.11%	0.005%
107	10.020	10.011	10.076	VV	159	5177	0.05%	0.003%
108	10.103	10.076	10.131	VV	966	13459	0.13%	0.007%
109	10.159	10.131	10.194	PV	314	5561	0.05%	0.003%
110	10.221	10.194	10.251	VV	3751	41864	0.41%	0.021%
111	10.265	10.251	10.287	VV	307	4603	0.05%	0.002%
112	10.320	10.287	10.349	VV	463	9974	0.10%	0.005%
113	10.355	10.349	10.379	VV	232	2534	0.02%	0.001%
114	10.399	10.379	10.458	VV	231	7272	0.07%	0.004%
115	10.465	10.458	10.474	VV	164	1392	0.01%	0.001%
116	10.486	10.474	10.514	VV	252	5423	0.05%	0.003%
117	10.523	10.514	10.556	VV	320	6202	0.06%	0.003%
118	10.574	10.556	10.588	VV	411	6060	0.06%	0.003%
119	10.618	10.588	10.647	VV	654	13142	0.13%	0.007%
120	10.680	10.647	10.704	VV	4296	60526	0.60%	0.030%
121	10.713	10.704	10.797	VV	764	16214	0.16%	0.008%
122	10.880	10.797	10.920	VV	529878	5586255	54.99%	2.775%
123	10.957	10.920	11.017	VV	516960	5595610	55.08%	2.780%
124	11.031	11.017	11.098	VV	1124	28513	0.28%	0.014%
125	11.124	11.098	11.152	VV	2719	34872	0.34%	0.017%
126	11.173	11.152	11.226	VV	1317	22578	0.22%	0.011%

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127	11.251	11.226	11.272	VV	486	6899	0.07%	0.003%
128	11.324	11.272	11.375	VV	493642	572256		
129	11.398	11.375	11.446	VV	1057	1916		
130	11.482	11.446	11.503	VV	667	1118		
131	11.515	11.503	11.558	VV	382	511		
132	11.647	11.558	11.701	PV	552655	6073759	59.79%	3.017%
133	11.738	11.701	11.762	VV	1807	30652	0.30%	0.015%
134	11.780	11.762	11.814	VV	767	15616	0.15%	0.008%
135	11.832	11.814	11.846	VV	530	7178	0.07%	0.004%
136	11.859	11.846	11.901	VV	422	8267	0.08%	0.004%
137	11.924	11.901	11.954	VV	185	3569	0.04%	0.002%
138	11.994	11.954	12.024	VV	397	9238	0.09%	0.005%
139	12.048	12.024	12.065	VV	482	6282	0.06%	0.003%
140	12.084	12.065	12.111	VV	664	8324	0.08%	0.004%
141	12.123	12.111	12.172	VV	149	3654	0.04%	0.002%
142	12.205	12.172	12.214	VV	231	3534	0.03%	0.002%
143	12.240	12.214	12.304	VV	41004	486362	4.79%	0.242%
144	12.323	12.304	12.411	VV	2656	67153	0.66%	0.033%
145	12.422	12.411	12.430	VV	549	5504	0.05%	0.003%
146	12.456	12.430	12.540	VV	1588	33829	0.33%	0.017%
147	12.572	12.540	12.594	VV	532	10935	0.11%	0.005%
148	12.635	12.594	12.666	VV	483725	5795919	57.05%	2.879%
149	12.703	12.666	12.771	VV	487364	5447718	53.62%	2.706%
150	12.783	12.771	12.831	VV	539	11694	0.12%	0.006%
151	12.841	12.831	12.851	VV	258	2217	0.02%	0.001%
152	12.884	12.851	12.954	VV	4804	60354	0.59%	0.030%
153	13.003	12.954	13.029	VV	478025	5386584	53.02%	2.676%
154	13.081	13.029	13.173	VV	408816	5037530	49.59%	2.503%
155	13.191	13.173	13.206	VV	295	4763	0.05%	0.002%
156	13.247	13.206	13.308	VV	456254	5630027	55.42%	2.797%
157	13.342	13.308	13.353	VV	163	3101	0.03%	0.002%
158	13.358	13.353	13.364	VV	162	950	0.01%	0.000%
159	13.371	13.364	13.400	VV	101	1780	0.02%	0.001%
160	13.441	13.400	13.464	VV	463	8487	0.08%	0.004%
161	13.481	13.464	13.548	VV	1179	27847	0.27%	0.014%
162	13.557	13.548	13.571	VV	288	3199	0.03%	0.002%
163	13.589	13.571	13.604	VV	345	5535	0.05%	0.003%
164	13.623	13.604	13.644	VV	536	9765	0.10%	0.005%
165	13.673	13.644	13.761	VV	1043	27865	0.27%	0.014%
166	13.783	13.761	13.797	VV	1192	15241	0.15%	0.008%
167	13.835	13.797	13.930	VV	465661	5529279	54.43%	2.747%
168	13.960	13.930	13.988	VV	766	10906	0.11%	0.005%
169	14.009	13.988	14.066	VV	774	14736	0.15%	0.007%
170	14.080	14.066	14.098	VV	136	2413	0.02%	0.001%
171	14.166	14.098	14.176	VV	109	2184	0.02%	0.001%
172	14.223	14.176	14.248	VV	1511	23741	0.23%	0.012%
173	14.273	14.248	14.314	VV	2122	32993	0.32%	0.016%
174	14.329	14.314	14.359	VV	227	4012	0.04%	0.002%

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175	14.395	14.359	14.439	VV	2157	34336	0.34%	0.017%
176	14.457	14.439	14.478	VV	445	596		
177	14.502	14.478	14.543	VV	441	929		
178	14.558	14.543	14.574	VV	175	189		
179	14.616	14.574	14.664	VV	568	1026		
180	14.676	14.664	14.725	PV	167	2893	0.03%	0.001%
181	14.741	14.725	14.754	VV	160	2030	0.02%	0.001%
182	14.780	14.754	14.838	VV	698	14001	0.14%	0.007%
183	14.884	14.838	14.903	VV	372505	4942736	48.65%	2.456%
184	14.930	14.903	15.016	VV	675563	10158960	100.00%	5.047%
185	15.024	15.016	15.032	VV	360	2883	0.03%	0.001%
186	15.039	15.032	15.061	VV	326	4008	0.04%	0.002%
187	15.071	15.061	15.083	VV	234	2457	0.02%	0.001%
188	15.106	15.083	15.171	VV	654	14078	0.14%	0.007%
189	15.312	15.171	15.398	VV	25025	377126	3.71%	0.187%
190	15.409	15.398	15.424	VV	253	2950	0.03%	0.001%
191	15.454	15.424	15.496	VV	3528	58187	0.57%	0.029%
192	15.533	15.496	15.630	VV	744	17829	0.18%	0.009%
193	15.640	15.630	15.673	PV	92	213	0.00%	0.000%
194	15.727	15.673	15.748	PV	161	4258	0.04%	0.002%
195	15.791	15.748	15.808	VV	445	8081	0.08%	0.004%
196	15.834	15.808	15.868	VV	937	16756	0.16%	0.008%
197	15.961	15.868	16.062	VV	375936	5018608	49.40%	2.493%
198	16.096	16.062	16.114	VV	135	2531	0.02%	0.001%
199	16.160	16.114	16.227	VV	923	17494	0.17%	0.009%
200	16.264	16.227	16.284	PV	489	10025	0.10%	0.005%
201	16.330	16.284	16.388	VV	2480	49847	0.49%	0.025%
202	16.443	16.388	16.459	VV	332496	4662419	45.89%	2.316%
203	16.478	16.459	16.547	VV	396049	4654371	45.82%	2.312%
204	16.571	16.547	16.631	VV	3798	66249	0.65%	0.033%
205	16.640	16.631	16.658	VV	423	5533	0.05%	0.003%
206	16.689	16.658	16.728	VV	2256	38858	0.38%	0.019%
207	16.753	16.728	16.774	VV	579	13652	0.13%	0.007%
208	16.825	16.774	16.870	VV	333536	4381157	43.13%	2.177%
209	16.911	16.870	17.044	VV	346009	4890193	48.14%	2.429%
210	17.047	17.044	17.080	VV	367	5847	0.06%	0.003%
211	17.146	17.080	17.164	VV	428	16418	0.16%	0.008%
212	17.195	17.164	17.215	VV	507	12347	0.12%	0.006%
213	17.273	17.215	17.316	VV	2069	55155	0.54%	0.027%
214	17.358	17.316	17.418	VV	6927	122334	1.20%	0.061%
215	17.447	17.418	17.484	VV	768	23713	0.23%	0.012%
216	17.492	17.484	17.507	VV	651	7675	0.08%	0.004%
217	17.534	17.507	17.546	VV	647	13659	0.13%	0.007%
218	17.565	17.546	17.573	VV	571	8897	0.09%	0.004%
219	17.596	17.573	17.613	VV	645	14130	0.14%	0.007%
220	17.690	17.613	17.714	VV	2559	71572	0.70%	0.036%
221	17.800	17.714	17.878	VV	325437	4666228	45.93%	2.318%

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222	17.883	17.878	17.944	VV	2659	67024	0.66%	0.033%
223	18.038	17.944	18.053	VV	1397	7781		
224	18.072	18.053	18.094	VV	1361	3072		
225	18.200	18.094	18.216	VV	300256	472383		
226	18.237	18.216	18.403	VV	314116	464455		
227	18.457	18.403	18.548	VV	314708	4378263	43.10%	2.175%
228	18.569	18.548	18.587	VV	2966	65768	0.65%	0.033%
229	18.632	18.587	18.821	VV	289800	4784231	47.09%	2.377%
230	18.830	18.821	18.849	VV	2966	48362	0.48%	0.024%
231	18.884	18.849	18.902	VV	3154	94710	0.93%	0.047%
232	18.927	18.902	18.942	VV	3259	73929	0.73%	0.037%
233	18.985	18.942	19.005	VV	10260	239168	2.35%	0.119%
234	19.026	19.005	19.084	VV	12050	318762	3.14%	0.158%
235	19.108	19.084	19.157	VV	4154	171886	1.69%	0.085%
236	19.228	19.157	19.251	VV	4910	227436	2.24%	0.113%
237	19.277	19.251	19.301	VV	4471	126154	1.24%	0.063%
238	19.323	19.301	19.364	VV	4448	158548	1.56%	0.079%
239	19.417	19.364	19.563	VV	266504	4702151	46.29%	2.336%
240	19.580	19.563	19.628	VV	6827	255369	2.51%	0.127%
241	19.649	19.628	19.671	VV	6491	165428	1.63%	0.082%
242	19.693	19.671	19.730	VV	6787	224090	2.21%	0.111%
243	19.787	19.730	19.848	VV	11701	545777	5.37%	0.271%
244	19.869	19.848	19.877	VV	6707	116228	1.14%	0.058%
245	19.893	19.877	19.912	VV	6896	140591	1.38%	0.070%
246	19.970	19.912	19.991	VV	7495	334657	3.29%	0.166%
247	20.040	19.991	20.088	VV	8802	476223	4.69%	0.237%
248	20.093	20.088	20.104	VV	8060	79750	0.79%	0.040%
249	20.157	20.104	20.262	VV	240745	4356166	42.88%	2.164%
250	20.321	20.262	20.352	VV	21742	666008	6.56%	0.331%
251	20.383	20.352	20.414	VV	11522	411159	4.05%	0.204%
252	20.424	20.414	20.451	VV	10477	227122	2.24%	0.113%
253	20.465	20.451	20.480	VV	10237	177753	1.75%	0.088%
254	20.513	20.480	20.567	VV	12680	565203	5.56%	0.281%
255	20.584	20.567	20.609	VV	10080	255397	2.51%	0.127%
256	20.618	20.609	20.651	VV	10010	249547	2.46%	0.124%
257	20.688	20.651	20.800	VV	10039	868057	8.54%	0.431%
258	20.814	20.800	20.857	VV	9478	317063	3.12%	0.158%
259	20.914	20.857	21.148	VV	184965	4951554	48.74%	2.460%
260	21.155	21.148	21.197	VV	9659	283909	2.79%	0.141%
261	21.244	21.197	21.308	VV	9698	625577	6.16%	0.311%
262	21.357	21.308	21.457	VV	10228	832741	8.20%	0.414%
263	21.468	21.457	21.477	VV	8831	107019	1.05%	0.053%
264	21.487	21.477	21.521	VV	8833	229442	2.26%	0.114%
265	21.527	21.521	21.557	VV	8718	185834	1.83%	0.092%
266	21.587	21.557	21.599	VV	8749	220355	2.17%	0.109%
267	21.606	21.599	21.658	VV	8653	300304	2.96%	0.149%
268	21.665	21.658	21.699	VV	8557	208554	2.05%	0.104%
269	21.735	21.699	21.783	VV	8531	424023	4.17%	0.211%

Instrument :

FID_C

ClientSampleId :

13-1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

270 21.866 21.783 21.931 VBA 127324 3797816 37.38% 1.887%

Sum of corrected areas:

Aliphatic EPH 092325.M Wed Oct 01 04:42:33 2025

Instrument :

FID_C

ClientSampleId :

13-1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/03/2025