

rteres

Instrument :

FID_C

ClientSampleId :

TP05-MHO-WCMS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/03/2025

Supervised By :mohammad ahmed 06/04/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC06022
Data File : FC069058.D
Signal(s) : FID1A.ch
Acq On : 02 Jun 2025 16:57
Sample : Q2159-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.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	3.223	3.205	3.258	BV	184	3044	0.04%	0.002%
2	3.273	3.258	3.314	PV	233	5418	0.07%	0.004%
3	3.324	3.314	3.375	VV	130	2445	0.03%	0.002%
4	3.401	3.375	3.494	PV	345213	2854992	37.26%	1.898%
5	3.528	3.494	3.571	VV	226	5302	0.07%	0.004%
6	3.582	3.571	3.632	VV	193	4245	0.06%	0.003%
7	3.647	3.632	3.662	PV	294	3448	0.05%	0.002%
8	3.695	3.662	3.767	VV	1739	25380	0.33%	0.017%
9	3.789	3.767	3.871	VV	849	10927	0.14%	0.007%
10	3.888	3.871	3.957	VV	610	9783	0.13%	0.007%
11	3.982	3.957	4.030	VV	278	3853	0.05%	0.003%
12	4.052	4.030	4.071	PV	726	7592	0.10%	0.005%
13	4.077	4.071	4.095	VV	271	2817	0.04%	0.002%
14	4.103	4.095	4.119	VV	172	1323	0.02%	0.001%
15	4.171	4.119	4.211	VV	205	5657	0.07%	0.004%
16	4.241	4.211	4.264	VV	602	8512	0.11%	0.006%
17	4.278	4.264	4.291	VV	188	2721	0.04%	0.002%
18	4.300	4.291	4.362	VV	247	6548	0.09%	0.004%
19	4.379	4.362	4.414	VV	223	4531	0.06%	0.003%
20	4.427	4.414	4.443	VV	222	2908	0.04%	0.002%
21	4.477	4.443	4.499	VV	361702	3181820	41.52%	2.116%
22	4.520	4.499	4.568	VV	392839	3449390	45.02%	2.294%
23	4.583	4.568	4.606	VV	3344	33499	0.44%	0.022%
24	4.628	4.606	4.717	VV	5689	61044	0.80%	0.041%
25	4.732	4.717	4.749	VV	238	3065	0.04%	0.002%
26	4.765	4.749	4.782	VV	213	2438	0.03%	0.002%
27	4.811	4.782	4.841	PV	181	3653	0.05%	0.002%
28	4.857	4.841	4.881	VV	185	2814	0.04%	0.002%
29	4.899	4.881	4.923	VV	173	2380	0.03%	0.002%
30	4.948	4.923	4.991	VV	187	3977	0.05%	0.003%
31	5.011	4.991	5.060	VV	145	3616	0.05%	0.002%
32	5.077	5.060	5.103	VV	180	2618	0.03%	0.002%
33	5.119	5.103	5.129	VV	158	1592	0.02%	0.001%
34	5.153	5.129	5.180	VV	175	3735	0.05%	0.002%
35	5.196	5.180	5.214	VV	157	2467	0.03%	0.002%
36	5.224	5.214	5.261	VV	192	2276	0.03%	0.002%

37	5.271	5.261	5.318	PV	97	1628	0.02%	0.001%
38	5.337	5.318	5.435	VV	390	9001	0.02%	0.001%
39	5.467	5.435	5.477	PV	109	1933	0.02%	0.001%
40	5.518	5.477	5.535	VV	1197	12941	0.02%	0.001%
41	5.545	5.535	5.608	VV	1302	16250	0.02%	0.001%
42	5.623	5.608	5.658	VV	367	5404	0.02%	0.001%
43	5.665	5.658	5.681	VV	104	1174	0.02%	0.001%
44	5.689	5.681	5.707	VV	88	1227	0.02%	0.001%
45	5.714	5.707	5.734	VV	324	1363	0.02%	0.001%
46	5.766	5.734	5.784	PV	309	4332	0.06%	0.003%
47	5.799	5.784	5.808	VV	142	1404	0.02%	0.001%
48	5.819	5.808	5.858	VV	143	1902	0.02%	0.001%
49	5.868	5.858	5.914	VV	175	1922	0.03%	0.001%
50	5.932	5.914	5.945	VV	108	1166	0.02%	0.001%
51	6.031	5.945	6.044	VV	1241	16456	0.21%	0.011%
52	6.073	6.044	6.141	VV	415250	3794831	49.52%	2.523%
53	6.159	6.141	6.197	VV	444	10093	0.13%	0.007%
54	6.222	6.197	6.276	VV	441	10765	0.14%	0.007%
55	6.349	6.276	6.368	VV	383	9687	0.13%	0.006%
56	6.394	6.368	6.422	VV	229	5680	0.07%	0.004%
57	6.446	6.422	6.468	VV	185	3356	0.04%	0.002%
58	6.504	6.468	6.558	VV	339658	3287893	42.91%	2.186%
59	6.574	6.558	6.636	VV	1153	13846	0.18%	0.009%
60	6.654	6.636	6.684	VV	522	4566	0.06%	0.003%
61	6.697	6.684	6.721	VV	77	1265	0.02%	0.001%
62	6.731	6.721	6.754	VV	93	833	0.01%	0.001%
63	6.775	6.754	6.814	VV	143	3182	0.04%	0.002%
64	6.828	6.814	6.878	VV	132	3248	0.04%	0.002%
65	6.896	6.878	6.908	VV	336	3451	0.05%	0.002%
66	6.922	6.908	6.941	VV	246	3363	0.04%	0.002%
67	6.975	6.941	7.006	VV	3218	34619	0.45%	0.023%
68	7.038	7.006	7.081	VV	8159	81351	1.06%	0.054%
69	7.133	7.081	7.249	PV	370517	3530710	46.08%	2.348%
70	7.269	7.249	7.301	VV	1160	16235	0.21%	0.011%
71	7.324	7.301	7.384	VV	1575	30514	0.40%	0.020%
72	7.400	7.384	7.413	VV	695	7508	0.10%	0.005%
73	7.429	7.413	7.454	VV	1193	13309	0.17%	0.009%
74	7.477	7.454	7.513	VV	286	6983	0.09%	0.005%
75	7.523	7.513	7.548	VV	252	2817	0.04%	0.002%
76	7.574	7.548	7.590	VV	100	1896	0.02%	0.001%
77	7.608	7.590	7.637	VV	462	5573	0.07%	0.004%
78	7.647	7.637	7.686	VV	194	3800	0.05%	0.003%
79	7.842	7.828	7.870	VV	488	9129	0.12%	0.006%
80	7.886	7.870	7.898	VV	537	5852	0.08%	0.004%
81	7.913	7.898	7.977	VV	629	10741	0.14%	0.007%
82	7.999	7.977	8.031	VV	1092	13261	0.17%	0.009%
83	8.053	8.031	8.101	VV	547	9802	0.13%	0.007%
84	8.163	8.101	8.183	VV	265	7102	0.09%	0.005%
85	8.214	8.183	8.227	VV	327	6586	0.09%	0.004%
86	8.240	8.227	8.250	VV	313	3731	0.05%	0.002%
87	8.306	8.250	8.354	VV	313145	3309944	43.20%	2.201%
88	8.419	8.354	8.481	VV	395948	3876683	50.59%	2.578%
89	8.492	8.481	8.517	VV	289	5162	0.07%	0.003%

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90	8.533	8.517	8.561	VV	515	6115	0.08%	0.004%
91	8.717	8.684	8.757	VV	393705	3904918	50.00%	0.000%
92	8.775	8.757	8.823	VV	507	10732	0.00%	0.000%
93	8.840	8.823	8.888	VV	329	5596	0.00%	0.000%
94	8.909	8.888	8.961	VV	827	13549	0.00%	0.000%
95	8.989	8.961	9.003	VV	692	9535	0.00%	0.000%
96	9.023	9.003	9.065	VV	634	13204	0.17%	0.009%
97	9.074	9.065	9.088	VV	102	1104	0.01%	0.001%
98	9.126	9.088	9.178	VV	3617	19326	0.25%	0.013%
99	9.189	9.178	9.244	VV	155	1947	0.03%	0.001%
100	9.276	9.244	9.293	PV	85	1686	0.02%	0.001%
101	9.323	9.293	9.364	VV	215	4890	0.06%	0.003%
102	9.372	9.364	9.418	VV	188	2516	0.03%	0.002%
103	9.431	9.418	9.442	VV	166	1803	0.02%	0.001%
104	9.455	9.442	9.464	VV	166	1527	0.02%	0.001%
105	9.502	9.464	9.536	VV	393848	3990144	52.07%	2.653%
106	9.546	9.536	9.575	VV	452	7323	0.10%	0.005%
107	9.592	9.575	9.613	VV	174	3172	0.04%	0.002%
108	9.647	9.613	9.662	VV	379	5610	0.07%	0.004%
109	9.685	9.662	9.697	VV	1326	16645	0.22%	0.011%
110	9.716	9.697	9.750	VV	5699	64384	0.84%	0.043%
111	9.777	9.750	9.832	VV	47575	495815	6.47%	0.330%
112	9.842	9.832	9.871	VV	443	6058	0.08%	0.004%
113	9.910	9.871	9.981	VV	320573	3535195	46.13%	2.351%
114	10.005	9.981	10.042	VV	211	4943	0.06%	0.003%
115	10.051	10.042	10.114	VV	133	2917	0.04%	0.002%
116	10.117	10.114	10.153	VV	94	1147	0.01%	0.001%
117	10.191	10.153	10.224	VV	199	2769	0.04%	0.002%
118	10.252	10.224	10.283	VV	7246	77523	1.01%	0.052%
119	10.296	10.283	10.318	VV	109	1549	0.02%	0.001%
120	10.326	10.318	10.338	VV	178	1438	0.02%	0.001%
121	10.347	10.338	10.377	VV	206	2069	0.03%	0.001%
122	10.392	10.377	10.414	VV	80	1217	0.02%	0.001%
123	10.422	10.414	10.445	VV	103	1266	0.02%	0.001%
124	10.473	10.445	10.527	VV	103	1877	0.02%	0.001%
125	10.552	10.527	10.591	PV	282	5872	0.08%	0.004%
126	10.604	10.591	10.619	VV	249	3440	0.04%	0.002%
127	10.642	10.619	10.666	VV	472	7270	0.09%	0.005%
128	10.699	10.666	10.732	VV	4535	77372	1.01%	0.051%
129	10.745	10.732	10.805	VV	504	8224	0.11%	0.005%
130	10.909	10.805	10.950	VV	367467	4080129	53.25%	2.713%
131	10.985	10.950	11.040	VV	390696	4021380	52.48%	2.674%
132	11.059	11.040	11.133	VV	830	18643	0.24%	0.012%
133	11.158	11.133	11.174	VV	863	11634	0.15%	0.008%
134	11.193	11.174	11.225	VV	2034	24771	0.32%	0.016%
135	11.235	11.225	11.264	VV	160	3015	0.04%	0.002%
136	11.285	11.264	11.314	VV	1071	16093	0.21%	0.011%
137	11.355	11.314	11.401	VV	327440	3645904	47.58%	2.424%
138	11.447	11.401	11.533	VV	447	15742	0.21%	0.010%
139	11.548	11.533	11.567	PV	244	2971	0.04%	0.002%
140	11.581	11.567	11.639	VV	168	4273	0.06%	0.003%
141	11.679	11.639	11.734	VV	469537	5232050	68.28%	3.479%

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142	11.772	11.734	11.794	VV	812	14504	0.19%	0.010%
143	11.809	11.794	11.831	VV	855	11656	0.08%	0.008%
144	11.839	11.831	11.847	VV	343	3019	0.08%	0.004%
145	11.861	11.847	11.878	VV	427	5968	0.08%	0.004%
146	11.887	11.878	11.914	VV	342	4797	0.16%	0.008%
147	11.961	11.914	11.977	PV	283	5584	0.08%	0.004%
148	11.996	11.977	12.049	VV	453	12542	0.16%	0.008%
149	12.069	12.049	12.095	VV	291	6173	0.08%	0.004%
150	12.118	12.095	12.153	VV	328	6401	0.08%	0.004%
151	12.272	12.153	12.373	VV	13757	225946	2.95%	0.150%
152	12.385	12.373	12.438	VV	1091	31928	0.42%	0.021%
153	12.496	12.438	12.563	VV	1526	56859	0.74%	0.038%
154	12.605	12.563	12.631	VV	841	22141	0.29%	0.015%
155	12.669	12.631	12.699	VV	317301	3785540	49.40%	2.517%
156	12.732	12.699	12.842	VV	365670	4228916	55.19%	2.812%
157	12.873	12.842	12.888	VV	460	10346	0.14%	0.007%
158	12.916	12.888	12.981	VV	4418	62188	0.81%	0.041%
159	13.033	12.981	13.061	VV	392473	4172174	54.45%	2.774%
160	13.115	13.061	13.190	VV	345768	4139663	54.02%	2.753%
161	13.225	13.190	13.243	VV	603	15850	0.21%	0.011%
162	13.281	13.243	13.358	VV	303009	3647667	47.60%	2.426%
163	13.377	13.358	13.407	VV	486	13820	0.18%	0.009%
164	13.417	13.407	13.440	VV	534	9740	0.13%	0.006%
165	13.473	13.440	13.546	VV	985	39937	0.52%	0.027%
166	13.574	13.546	13.601	VV	688	21050	0.27%	0.014%
167	13.627	13.601	13.638	VV	791	15372	0.20%	0.010%
168	13.659	13.638	13.684	VV	947	22842	0.30%	0.015%
169	13.710	13.684	13.757	VV	1346	37739	0.49%	0.025%
170	13.819	13.757	13.835	VV	4009	70842	0.92%	0.047%
171	13.869	13.835	13.914	VV	283153	3616558	47.20%	2.405%
172	13.921	13.914	13.943	VV	819	12670	0.17%	0.008%
173	13.993	13.943	14.014	VV	1231	34240	0.45%	0.023%
174	14.042	14.014	14.067	VV	1118	24764	0.32%	0.016%
175	14.086	14.067	14.122	VV	737	21573	0.28%	0.014%
176	14.141	14.122	14.163	VV	661	14756	0.19%	0.010%
177	14.174	14.163	14.191	VV	664	9975	0.13%	0.007%
178	14.221	14.191	14.235	VV	700	16706	0.22%	0.011%
179	14.259	14.235	14.281	VV	1068	23548	0.31%	0.016%
180	14.304	14.281	14.341	VV	1407	33119	0.43%	0.022%
181	14.358	14.341	14.401	VV	693	21556	0.28%	0.014%
182	14.439	14.401	14.464	VV	1158	29628	0.39%	0.020%
183	14.488	14.464	14.518	VV	1179	26344	0.34%	0.018%
184	14.533	14.518	14.571	VV	679	19170	0.25%	0.013%
185	14.585	14.571	14.621	VV	558	14607	0.19%	0.010%
186	14.649	14.621	14.686	VV	973	25425	0.33%	0.017%
187	14.701	14.686	14.724	VV	578	11559	0.15%	0.008%
188	14.740	14.724	14.761	VV	504	9200	0.12%	0.006%
189	14.772	14.761	14.790	VV	518	7303	0.10%	0.005%
190	14.811	14.790	14.847	VV	647	16999	0.22%	0.011%
191	14.915	14.847	14.936	VV	306414	4082196	53.27%	2.714%
192	14.963	14.936	15.011	VV	472511	7662730	100.00%	5.095%
193	15.017	15.011	15.098	VV	1195	36248	0.47%	0.024%
194	15.107	15.098	15.123	VV	450	6275	0.08%	0.004%

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195	15.151	15.123	15.201	VV	934	26486	0.35%	0.018%
196	15.212	15.201	15.251	VV	411	10680		
197	15.265	15.251	15.279	VV	425	5465		
198	15.348	15.279	15.467	VV	15389	249257		
199	15.494	15.467	15.538	VV	958	22274		
200	15.570	15.538	15.603	VV	1743	26691		
201	15.620	15.603	15.654	VV	211	4534	0.06%	0.003%
202	15.671	15.654	15.681	VV	204	2159	0.03%	0.001%
203	15.688	15.681	15.705	VV	164	1826	0.02%	0.001%
204	15.768	15.705	15.794	VV	240	8016	0.10%	0.005%
205	15.826	15.794	15.851	VV	594	9144	0.12%	0.006%
206	15.911	15.851	15.935	VV	638	17330	0.23%	0.012%
207	15.998	15.935	16.051	VV	279800	3546440	46.28%	2.358%
208	16.057	16.051	16.115	VV	124	3422	0.04%	0.002%
209	16.138	16.115	16.150	VV	177	2559	0.03%	0.002%
210	16.167	16.150	16.180	VV	230	3396	0.04%	0.002%
211	16.199	16.180	16.249	VV	710	11013	0.14%	0.007%
212	16.368	16.249	16.417	PV	1274	32078	0.42%	0.021%
213	16.476	16.417	16.492	VV	296367	4196015	54.76%	2.790%
214	16.512	16.492	16.548	VV	374884	4180742	54.56%	2.780%
215	16.556	16.548	16.608	VV	1133	23856	0.31%	0.016%
216	16.614	16.608	16.631	VV	406	5106	0.07%	0.003%
217	16.651	16.631	16.694	VV	459	13651	0.18%	0.009%
218	16.721	16.694	16.775	VV	1965	32888	0.43%	0.022%
219	16.785	16.775	16.807	VV	288	4975	0.06%	0.003%
220	16.858	16.807	16.901	VV	312982	4066384	53.07%	2.704%
221	16.949	16.901	17.018	VV	265758	3573102	46.63%	2.376%
222	17.024	17.018	17.125	VV	600	16828	0.22%	0.011%
223	17.167	17.125	17.208	PV	269	7702	0.10%	0.005%
224	17.226	17.208	17.258	VV	215	4667	0.06%	0.003%
225	17.268	17.258	17.278	VV	176	1676	0.02%	0.001%
226	17.314	17.278	17.358	VV	597	16296	0.21%	0.011%
227	17.396	17.358	17.425	VV	1254	21625	0.28%	0.014%
228	17.434	17.425	17.454	PV	93	890	0.01%	0.001%
229	17.485	17.454	17.534	PV	348	7095	0.09%	0.005%
230	17.567	17.534	17.601	VV	122	2886	0.04%	0.002%
231	17.622	17.601	17.648	VV	171	3132	0.04%	0.002%
232	17.728	17.648	17.758	PV	2856	45824	0.60%	0.030%
233	17.839	17.758	17.878	VV	247005	3568534	46.57%	2.373%
234	17.887	17.878	17.901	VV	476	5092	0.07%	0.003%
235	17.926	17.901	17.978	VV	1024	19135	0.25%	0.013%
236	18.016	17.978	18.050	VV	251	6778	0.09%	0.005%
237	18.075	18.050	18.144	VV	542	9464	0.12%	0.006%
238	18.232	18.144	18.249	PV	279313	4251640	55.48%	2.827%
239	18.271	18.249	18.331	VV	286776	3794123	49.51%	2.523%
240	18.354	18.331	18.434	VV	2126	68060	0.89%	0.045%
241	18.491	18.434	18.584	VV	292288	3966005	51.76%	2.637%
242	18.618	18.584	18.627	VV	725	16052	0.21%	0.011%
243	18.673	18.627	18.735	VV	257656	3590596	46.86%	2.388%
244	18.786	18.735	18.812	VV	1042	33265	0.43%	0.022%
245	18.831	18.812	18.861	VV	686	14595	0.19%	0.010%
246	18.870	18.861	18.920	VV	339	9244	0.12%	0.006%

Instrument :

FID_C

ClientSampleId :

TP05-MHO-WCMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/03/2025

Supervised By :mohammad ahmed 06/04/2025

					rters			
247	18.949	18.920	18.978	VV	374	9636	0.13%	0.006%
248	19.026	18.978	19.057	VV	6663	134339		
249	19.076	19.057	19.130	VV	3172	76472		
250	19.148	19.130	19.208	VV	780	28796		
251	19.269	19.208	19.301	VV	1151	37566		
252	19.322	19.301	19.332	VV	540	9537		
253	19.341	19.332	19.393	VV	562	18284	0.24%	0.012%
254	19.459	19.393	19.508	VV	251215	3724498	48.61%	2.477%
255	19.559	19.508	19.593	VV	1437	56734	0.74%	0.038%
256	19.630	19.593	19.686	VV	1408	55407	0.72%	0.037%
257	19.748	19.686	19.781	VV	1136	54490	0.71%	0.036%
258	19.830	19.781	19.855	VV	1846	62159	0.81%	0.041%
259	19.866	19.855	19.902	VV	1305	32572	0.43%	0.022%
260	19.942	19.902	19.957	VV	1302	39027	0.51%	0.026%
261	19.997	19.957	20.025	VV	2013	64789	0.85%	0.043%
262	20.058	20.025	20.066	VV	2046	44998	0.59%	0.030%
263	20.089	20.066	20.134	VV	2552	89181	1.16%	0.059%
264	20.200	20.134	20.270	VV	246613	3761890	49.09%	2.502%
265	20.362	20.270	20.398	VV	5381	229625	3.00%	0.153%
266	20.436	20.398	20.471	VV	2310	97112	1.27%	0.065%
267	20.514	20.471	20.538	VV	2360	89999	1.17%	0.060%
268	20.561	20.538	20.611	VV	2602	101229	1.32%	0.067%
269	20.621	20.611	20.654	VV	2083	52344	0.68%	0.035%
270	20.758	20.654	20.791	VV	2108	162835	2.13%	0.108%
271	20.802	20.791	20.820	VV	1974	32827	0.43%	0.022%
272	20.854	20.820	20.885	VV	2041	75680	0.99%	0.050%
273	20.891	20.885	20.907	VV	1884	24080	0.31%	0.016%
274	20.971	20.907	21.088	VV	192353	3790748	49.47%	2.521%
275	21.094	21.088	21.122	VV	1599	32470	0.42%	0.022%
276	21.133	21.122	21.186	VV	1552	56475	0.74%	0.038%
277	21.197	21.186	21.218	VV	1421	25922	0.34%	0.017%
278	21.227	21.218	21.238	VV	1343	15571	0.20%	0.010%
279	21.285	21.238	21.310	VV	1529	58983	0.77%	0.039%
280	21.328	21.310	21.371	VV	1334	45042	0.59%	0.030%
281	21.422	21.371	21.558	VV	1464	125463	1.64%	0.083%
282	21.567	21.558	21.588	VV	947	16034	0.21%	0.011%
283	21.604	21.588	21.636	VV	926	25285	0.33%	0.017%
284	21.646	21.636	21.663	VV	932	13814	0.18%	0.009%
285	21.677	21.663	21.759	VV	864	42635	0.56%	0.028%
286	21.801	21.759	21.848	VV	770	36343	0.47%	0.024%
287	21.939	21.848	22.095	VV	140966	3482906	45.45%	2.316%
288	22.103	22.095	22.108	VV	390	2829	0.04%	0.002%
289	22.158	22.108	22.258	VV	757	39998	0.52%	0.027%
290	22.264	22.258	22.342	VV	303	9820	0.13%	0.007%

Sum of corrected areas: 150385082

Aliphatic EPH 052425.M Tue Jun 03 08:17:17 2025