

rteres

Instrument :

FID_C

ClientSampleId :

TP-12MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/28/2025

Supervised By :mohammad ahmed 10/29/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10272
Data File : FC070052.D
Signal(s) : FID1A.ch
Acq On : 27 Oct 2025 17:39
Sample : Q3451-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.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	3.254	BV	415	2998	0.03%	0.002%
2	3.265	3.254	3.347	VV	607	9318	0.10%	0.005%
3	3.380	3.347	3.480	PV	317785	2665730	29.31%	1.479%
4	3.507	3.480	3.521	VV	383	6439	0.07%	0.004%
5	3.535	3.521	3.548	VV	290	3738	0.04%	0.002%
6	3.561	3.548	3.571	VV	155	2166	0.02%	0.001%
7	3.583	3.571	3.612	VV	270	3285	0.04%	0.002%
8	3.654	3.612	3.671	PV	258	5250	0.06%	0.003%
9	3.695	3.671	3.724	VV	571	12561	0.14%	0.007%
10	3.736	3.724	3.752	VV	646	7161	0.08%	0.004%
11	3.771	3.752	3.844	VV	4430	43645	0.48%	0.024%
12	3.869	3.844	3.918	VV	3292	34682	0.38%	0.019%
13	3.932	3.918	3.940	VV	253	2805	0.03%	0.002%
14	3.961	3.940	4.021	VV	423	10121	0.11%	0.006%
15	4.057	4.021	4.068	VV	292	5620	0.06%	0.003%
16	4.081	4.068	4.115	VV	266	5979	0.07%	0.003%
17	4.146	4.115	4.163	VV	298	5957	0.07%	0.003%
18	4.220	4.163	4.276	VV	375	17239	0.19%	0.010%
19	4.292	4.276	4.328	VV	252	4556	0.05%	0.003%
20	4.351	4.328	4.362	VV	150	2204	0.02%	0.001%
21	4.382	4.362	4.397	VV	230	3166	0.03%	0.002%
22	4.453	4.397	4.475	VV	359912	3212327	35.32%	1.782%
23	4.498	4.475	4.542	VV	415876	3675456	40.41%	2.039%
24	4.559	4.542	4.588	VV	4194	50721	0.56%	0.028%
25	4.605	4.588	4.643	VV	6385	66202	0.73%	0.037%
26	4.671	4.643	4.696	VV	440	11135	0.12%	0.006%
27	4.707	4.696	4.722	VV	289	3535	0.04%	0.002%
28	4.735	4.722	4.751	VV	293	3612	0.04%	0.002%
29	4.758	4.751	4.775	VV	206	2750	0.03%	0.002%
30	4.787	4.775	4.821	VV	267	5944	0.07%	0.003%
31	4.826	4.821	4.847	VV	210	2212	0.02%	0.001%
32	4.861	4.847	4.890	VV	201	3257	0.04%	0.002%
33	4.898	4.890	4.965	VV	196	5735	0.06%	0.003%
34	4.976	4.965	5.028	VV	149	3426	0.04%	0.002%
35	5.047	5.028	5.071	VV	214	3049	0.03%	0.002%
36	5.085	5.071	5.148	VV	158	5203	0.06%	0.003%

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37	5.200	5.148	5.266	VV	185	7862	0.09%	0.004%
38	5.315	5.266	5.355	VV	365	8338		
39	5.377	5.355	5.444	VV	166	4590		
40	5.455	5.444	5.462	VV	91	636		
41	5.490	5.462	5.511	VV	1338	14265		
42	5.543	5.511	5.571	VV	303	6047		
43	5.579	5.571	5.587	VV	151	1229	0.01%	0.001%
44	5.601	5.587	5.615	VV	148	2053	0.02%	0.001%
45	5.627	5.615	5.641	VV	180	1904	0.02%	0.001%
46	5.679	5.641	5.711	VV	158	4157	0.05%	0.002%
47	5.730	5.711	5.755	VV	158	2886	0.03%	0.002%
48	5.770	5.755	5.828	VV	355	5324	0.06%	0.003%
49	5.839	5.828	5.892	VV	176	3751	0.04%	0.002%
50	5.903	5.892	5.958	VV	133	3555	0.04%	0.002%
51	5.966	5.958	5.978	PV	74	608	0.01%	0.000%
52	6.047	5.978	6.169	VV	465888	4448731	48.91%	2.468%
53	6.190	6.169	6.244	VV	743	21313	0.23%	0.012%
54	6.264	6.244	6.297	VV	296	7390	0.08%	0.004%
55	6.319	6.297	6.391	VV	291	16497	0.18%	0.009%
56	6.394	6.391	6.402	VV	320	1765	0.02%	0.001%
57	6.407	6.402	6.436	VV	262	4562	0.05%	0.003%
58	6.475	6.436	6.538	VV	400139	4005782	44.04%	2.222%
59	6.550	6.538	6.598	VV	599	12972	0.14%	0.007%
60	6.625	6.598	6.660	VV	387	10437	0.11%	0.006%
61	6.678	6.660	6.707	VV	375	7197	0.08%	0.004%
62	6.727	6.707	6.778	VV	469	10189	0.11%	0.006%
63	6.800	6.778	6.818	VV	243	3615	0.04%	0.002%
64	6.828	6.818	6.851	VV	160	2154	0.02%	0.001%
65	6.857	6.851	6.867	VV	99	930	0.01%	0.001%
66	6.897	6.867	6.918	VV	326	5908	0.06%	0.003%
67	6.920	6.918	6.931	VV	237	1192	0.01%	0.001%
68	6.958	6.931	6.991	VV	3870	53563	0.59%	0.030%
69	7.011	6.991	7.064	VV	12011	129178	1.42%	0.072%
70	7.106	7.064	7.224	VV	447986	4427212	48.67%	2.456%
71	7.241	7.224	7.278	VV	1660	31005	0.34%	0.017%
72	7.297	7.278	7.312	VV	2415	32612	0.36%	0.018%
73	7.320	7.312	7.350	VV	1380	18599	0.20%	0.010%
74	7.372	7.350	7.385	VV	1161	15475	0.17%	0.009%
75	7.400	7.385	7.438	VV	1410	19108	0.21%	0.011%
76	7.463	7.438	7.484	VV	590	12019	0.13%	0.007%
77	7.493	7.484	7.560	VV	563	11399	0.13%	0.006%
78	7.579	7.560	7.604	VV	707	9557	0.11%	0.005%
79	7.620	7.604	7.668	VV	323	9572	0.11%	0.005%
80	7.820	7.798	7.841	VV	1055	23931	0.26%	0.013%
81	7.855	7.841	7.951	VV	1321	35815	0.39%	0.020%
82	7.966	7.951	7.991	VV	473	8901	0.10%	0.005%
83	8.022	7.991	8.064	VV	569	13842	0.15%	0.008%
84	8.096	8.064	8.125	VV	307	8712	0.10%	0.005%
85	8.135	8.125	8.143	VV	249	2419	0.03%	0.001%
86	8.177	8.143	8.207	VV	448	11787	0.13%	0.007%
87	8.275	8.207	8.351	VV	438199	4598184	50.55%	2.551%
88	8.392	8.351	8.557	VV	512638	5267567	57.91%	2.922%
89	8.689	8.655	8.884	VV	522760	5327555	58.57%	2.955%

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90	8.900	8.884	8.941	VV	412	12042	0.13%	0.007%
91	8.961	8.941	8.979	VV	870	12801		
92	8.996	8.979	9.064	VV	585	18361		
93	9.095	9.064	9.133	VV	1016	18653		
94	9.149	9.133	9.182	VV	379	8019		
95	9.198	9.182	9.217	VV	287	4198		
96	9.232	9.217	9.251	VV	156	2080	0.02%	0.001%
97	9.283	9.251	9.304	VV	289	5164	0.06%	0.003%
98	9.316	9.304	9.357	VV	168	3933	0.04%	0.002%
99	9.387	9.357	9.410	VV	231	4434	0.05%	0.002%
100	9.474	9.410	9.584	VV	527135	5463879	60.07%	3.031%
101	9.593	9.584	9.618	VV	606	10132	0.11%	0.006%
102	9.624	9.618	9.642	VV	518	6833	0.08%	0.004%
103	9.685	9.642	9.723	VV	7506	107018	1.18%	0.059%
104	9.749	9.723	9.834	VV	28844	357921	3.93%	0.199%
105	9.876	9.834	9.911	VV	451099	4933392	54.24%	2.737%
106	9.922	9.911	9.957	VV	788	15561	0.17%	0.009%
107	9.981	9.957	10.065	VV	638	18693	0.21%	0.010%
108	10.100	10.065	10.140	VV	1136	15949	0.18%	0.009%
109	10.159	10.140	10.191	VV	477	7405	0.08%	0.004%
110	10.221	10.191	10.248	VV	6155	70569	0.78%	0.039%
111	10.258	10.248	10.278	VV	428	5998	0.07%	0.003%
112	10.317	10.278	10.381	VV	514	15892	0.17%	0.009%
113	10.399	10.381	10.428	PV	218	3267	0.04%	0.002%
114	10.434	10.428	10.448	VV	62	878	0.01%	0.000%
115	10.483	10.448	10.524	VV	423	11798	0.13%	0.007%
116	10.535	10.524	10.551	VV	351	4005	0.04%	0.002%
117	10.613	10.551	10.648	VV	740	21640	0.24%	0.012%
118	10.682	10.648	10.784	VV	3950	61563	0.68%	0.034%
119	10.880	10.784	10.924	PV	492049	5284153	58.09%	2.931%
120	10.956	10.924	11.018	VV	468046	5262616	57.86%	2.919%
121	11.031	11.018	11.098	VV	1719	47096	0.52%	0.026%
122	11.122	11.098	11.151	VV	2934	40860	0.45%	0.023%
123	11.176	11.151	11.226	VV	2538	48009	0.53%	0.027%
124	11.246	11.226	11.280	VV	675	13051	0.14%	0.007%
125	11.321	11.280	11.384	VV	429276	5019166	55.18%	2.784%
126	11.396	11.384	11.456	VV	629	15562	0.17%	0.009%
127	11.479	11.456	11.499	VV	690	9830	0.11%	0.005%
128	11.513	11.499	11.546	VV	339	6970	0.08%	0.004%
129	11.562	11.546	11.599	VV	232	5158	0.06%	0.003%
130	11.644	11.599	11.701	VV	474184	5162349	56.75%	2.864%
131	11.736	11.701	11.756	VV	801	20430	0.22%	0.011%
132	11.781	11.756	11.817	VV	993	24254	0.27%	0.013%
133	11.831	11.817	11.848	VV	595	8323	0.09%	0.005%
134	11.862	11.848	11.900	VV	551	9277	0.10%	0.005%
135	11.930	11.900	11.964	PV	249	6975	0.08%	0.004%
136	11.987	11.964	12.028	VV	543	12897	0.14%	0.007%
137	12.048	12.028	12.068	VV	772	11627	0.13%	0.006%
138	12.083	12.068	12.127	VV	924	12768	0.14%	0.007%
139	12.145	12.127	12.224	VV	194	4423	0.05%	0.002%
140	12.240	12.224	12.304	VV	6065	87498	0.96%	0.049%
141	12.339	12.304	12.404	VV	1281	40299	0.44%	0.022%

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142	12.454	12.404	12.498	VV	1148	27090	0.30%	0.015%
143	12.575	12.498	12.595	VV	634	18527	0.02%	0.001%
144	12.633	12.595	12.666	VV	406165	4950455	54.72%	2.761%
145	12.704	12.666	12.820	VV	448540	5094148	56.89%	2.366%
146	12.835	12.820	12.858	VV	413	7478	0.02%	0.001%
147	12.886	12.858	12.932	VV	5056	63822	0.02%	0.001%
148	12.941	12.932	12.960	VV	181	2054	0.02%	0.001%
149	13.003	12.960	13.039	VV	447808	4977409	54.72%	2.761%
150	13.079	13.039	13.158	VV	355701	4265145	46.89%	2.366%
151	13.192	13.158	13.207	VV	688	12688	0.14%	0.007%
152	13.245	13.207	13.314	VV	400439	4837141	53.18%	2.683%
153	13.332	13.314	13.344	VV	230	2791	0.03%	0.002%
154	13.358	13.344	13.381	VV	108	1656	0.02%	0.001%
155	13.463	13.381	13.554	PV	436	17574	0.19%	0.010%
156	13.591	13.554	13.638	PV	835	20113	0.22%	0.011%
157	13.669	13.638	13.718	VV	952	22536	0.25%	0.013%
158	13.739	13.718	13.753	VV	443	6578	0.07%	0.004%
159	13.831	13.753	13.930	VV	389848	4757839	52.31%	2.639%
160	13.957	13.930	13.987	VV	1311	17980	0.20%	0.010%
161	14.012	13.987	14.111	VV	713	18373	0.20%	0.010%
162	14.135	14.111	14.154	VV	78	1949	0.02%	0.001%
163	14.221	14.154	14.244	VV	852	16660	0.18%	0.009%
164	14.267	14.244	14.318	VV	905	21460	0.24%	0.012%
165	14.336	14.318	14.371	VV	562	11372	0.13%	0.006%
166	14.393	14.371	14.448	VV	1648	29283	0.32%	0.016%
167	14.459	14.448	14.484	VV	403	6888	0.08%	0.004%
168	14.512	14.484	14.548	VV	707	20337	0.22%	0.011%
169	14.568	14.548	14.591	VV	937	14002	0.15%	0.008%
170	14.621	14.591	14.661	VV	597	18447	0.20%	0.010%
171	14.683	14.661	14.704	VV	300	5913	0.07%	0.003%
172	14.777	14.704	14.809	VV	547	20083	0.22%	0.011%
173	14.884	14.809	14.905	VV	357436	4578414	50.33%	2.540%
174	14.932	14.905	15.018	VV	722815	9096151	100.00%	5.046%
175	15.040	15.018	15.091	VV	1066	28288	0.31%	0.016%
176	15.114	15.091	15.168	VV	720	18664	0.21%	0.010%
177	15.191	15.168	15.211	VV	344	7234	0.08%	0.004%
178	15.224	15.211	15.258	VV	384	7110	0.08%	0.004%
179	15.313	15.258	15.392	VV	12906	212969	2.34%	0.118%
180	15.453	15.392	15.497	VV	2965	56558	0.62%	0.031%
181	15.557	15.497	15.618	VV	896	31993	0.35%	0.018%
182	15.642	15.618	15.665	PV	297	4312	0.05%	0.002%
183	15.716	15.665	15.748	VV	419	13071	0.14%	0.007%
184	15.780	15.748	15.811	PV	279	6249	0.07%	0.003%
185	15.832	15.811	15.861	VV	558	9304	0.10%	0.005%
186	15.959	15.861	16.114	PV	334774	4319532	47.49%	2.396%
187	16.157	16.114	16.214	PV	903	14237	0.16%	0.008%
188	16.329	16.214	16.371	VV	1673	56833	0.62%	0.032%
189	16.446	16.371	16.463	VV	327706	4510327	49.59%	2.502%
190	16.480	16.463	16.554	VV	372300	4410795	48.49%	2.447%
191	16.573	16.554	16.664	VV	1887	37175	0.41%	0.021%
192	16.695	16.664	16.722	VV	1875	27441	0.30%	0.015%
193	16.764	16.722	16.788	VV	2240	38488	0.42%	0.021%
194	16.829	16.788	16.867	VV	314179	4292936	47.20%	2.381%

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195	16.909	16.867	17.021	VV	305352	4180561	45.96%	2.319%
196	17.084	17.021	17.102	VV	226	5752		
197	17.190	17.102	17.238	PV	396	14783		
198	17.275	17.238	17.301	VV	633	12666		
199	17.357	17.301	17.394	VV	4553	75346		
200	17.444	17.394	17.468	PV	331	7778		
201	17.482	17.468	17.508	VV	405	6053	0.07%	0.003%
202	17.525	17.508	17.551	VV	187	2940	0.03%	0.002%
203	17.689	17.551	17.718	PV	861	18207	0.20%	0.010%
204	17.799	17.718	17.858	VV	283058	3911723	43.00%	2.170%
205	17.889	17.858	17.924	VV	706	17756	0.20%	0.010%
206	18.004	17.924	18.038	VV	709	31308	0.34%	0.017%
207	18.063	18.038	18.079	VV	291	5637	0.06%	0.003%
208	18.204	18.079	18.221	PV	303698	4370017	48.04%	2.424%
209	18.239	18.221	18.384	VV	306994	4119437	45.29%	2.285%
210	18.462	18.384	18.558	VV	296146	4279070	47.04%	2.374%
211	18.631	18.558	18.685	VV	273909	3781645	41.57%	2.098%
212	18.739	18.685	18.765	VV	711	21189	0.23%	0.012%
213	18.792	18.765	18.811	VV	438	8207	0.09%	0.005%
214	18.888	18.811	18.908	VV	513	14503	0.16%	0.008%
215	18.986	18.908	19.004	VV	4180	87299	0.96%	0.048%
216	19.026	19.004	19.084	VV	5634	115383	1.27%	0.064%
217	19.118	19.084	19.151	VV	1184	42673	0.47%	0.024%
218	19.276	19.151	19.294	VV	1623	101353	1.11%	0.056%
219	19.322	19.294	19.348	VV	1691	49705	0.55%	0.028%
220	19.416	19.348	19.494	VV	250131	3847757	42.30%	2.134%
221	19.523	19.494	19.543	VV	3069	81069	0.89%	0.045%
222	19.692	19.543	19.724	VV	4576	396472	4.36%	0.220%
223	19.787	19.724	19.816	VV	7759	291702	3.21%	0.162%
224	19.851	19.816	19.868	VV	5223	154355	1.70%	0.086%
225	20.155	19.868	20.203	VV	228189	4662585	51.26%	2.586%
226	20.317	20.203	20.351	VV	11266	807790	8.88%	0.448%
227	20.409	20.351	20.452	VV	9848	582579	6.40%	0.323%
228	20.513	20.452	20.571	VV	10892	675710	7.43%	0.375%
229	20.583	20.571	20.634	VV	8922	334748	3.68%	0.186%
230	20.699	20.634	20.791	VV	8489	777238	8.54%	0.431%
231	20.821	20.791	20.851	VV	7695	275352	3.03%	0.153%
232	20.914	20.851	20.981	VV	179458	3792466	41.69%	2.104%
233	21.038	20.981	21.104	VV	6866	498109	5.48%	0.276%
234	21.139	21.104	21.194	VV	6187	327092	3.60%	0.181%
235	21.245	21.194	21.309	VV	5953	392507	4.32%	0.218%
236	21.358	21.309	21.400	VV	5858	286155	3.15%	0.159%
237	21.478	21.400	21.521	VV	4875	339849	3.74%	0.189%
238	21.557	21.521	21.651	VV	4476	326683	3.59%	0.181%
239	21.672	21.651	21.691	VV	3792	89083	0.98%	0.049%
240	21.751	21.691	21.782	VV	3492	191211	2.10%	0.106%
241	21.867	21.782	21.971	VV	126649	3469731	38.15%	1.925%
242	22.012	21.971	22.032	VV	2258	81865	0.90%	0.045%
243	22.081	22.032	22.161	VV	2362	152947	1.68%	0.085%
244	22.177	22.161	22.264	VV	1438	69778	0.77%	0.039%
245	22.316	22.264	22.389	VV	609	35393	0.39%	0.020%

Sum of corrected areas: 180267793

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/28/2025

Supervised By :mohammad ahmed 10/29/2025

rteres

Aliphatic EPH 100725.M Tue Oct 28 07:48:52 2025

Instrument :
FID_C
ClientSampleId :
TP-12MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025