

rteres

Instrument :

FID_E

ClientSampleId :

MOO-25-0331DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/27/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11252
Data File : FE057020.D
Signal(s) : FID1B.ch
Acq On : 25 Nov 2025 11:23
Sample : Q3697-01DL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.590	2.541	2.655	BV	121	2168	0.06%	0.002%
2	2.672	2.655	2.699	PV	127	1865	0.05%	0.002%
3	2.715	2.699	2.734	VV	110	1266	0.04%	0.001%
4	2.740	2.734	2.788	VV	126	1904	0.05%	0.002%
5	2.792	2.788	2.826	VV	112	1466	0.04%	0.001%
6	2.842	2.826	2.868	VV	101	1685	0.05%	0.001%
7	2.929	2.868	2.941	VV	142	3536	0.10%	0.003%
8	2.947	2.941	2.968	VV	120	1488	0.04%	0.001%
9	2.995	2.968	3.018	VV	179	3544	0.10%	0.003%
10	3.028	3.018	3.065	VV	175	3936	0.11%	0.003%
11	3.152	3.065	3.168	VV	263	11107	0.31%	0.009%
12	3.217	3.168	3.274	VV	361	16183	0.46%	0.013%
13	3.286	3.274	3.294	VV	329	3756	0.11%	0.003%
14	3.303	3.294	3.330	VV	446	7456	0.21%	0.006%
15	3.369	3.330	3.434	VV	385	20270	0.57%	0.017%
16	3.438	3.434	3.451	VV	393	3452	0.10%	0.003%
17	3.461	3.451	3.469	VV	401	3960	0.11%	0.003%
18	3.540	3.469	3.563	VV	500	23248	0.66%	0.019%
19	3.572	3.563	3.599	VV	482	10068	0.28%	0.008%
20	3.625	3.599	3.636	VV	580	11520	0.33%	0.009%
21	3.656	3.636	3.718	VV	642	25023	0.71%	0.020%
22	3.750	3.718	3.762	VV	522	11069	0.31%	0.009%
23	3.821	3.762	3.838	PV	535	16745	0.47%	0.014%
24	3.858	3.838	3.875	VV	536	10754	0.30%	0.009%
25	3.888	3.875	3.914	VV	491	10614	0.30%	0.009%
26	3.926	3.914	4.086	VV	555	45423	1.28%	0.037%
27	4.102	4.086	4.134	VV	470	12532	0.35%	0.010%
28	4.143	4.134	4.200	VV	483	16210	0.46%	0.013%
29	4.209	4.200	4.225	VV	427	5639	0.16%	0.005%
30	4.251	4.225	4.298	VV	460	17568	0.50%	0.014%
31	4.312	4.298	4.349	VV	461	12899	0.36%	0.011%
32	4.361	4.349	4.372	VV	420	5509	0.16%	0.004%
33	4.381	4.372	4.456	VV	415	18012	0.51%	0.015%
34	4.464	4.456	4.493	VV	378	7634	0.22%	0.006%
35	4.560	4.493	4.610	VV	509	25463	0.72%	0.021%
36	4.627	4.610	4.654	VV	384	8435	0.24%	0.007%

					retention				
37	4.674	4.654	4.692	VV	322	6576	0.19%	0.005%	
38	4.710	4.692	4.747	VV	299	9178			
39	4.755	4.747	4.762	VV	303	2475			
40	4.778	4.762	4.799	VV	392	7042			
41	4.814	4.799	4.828	VV	351	4938			
42	4.839	4.828	4.872	VV	379	8154			
43	4.891	4.872	4.902	VV	319	5053	0.14%	0.004%	
44	4.909	4.902	4.917	VV	323	2579	0.07%	0.002%	
45	4.932	4.917	4.993	VV	311	12654	0.36%	0.010%	
46	5.019	4.993	5.055	VV	287	9824	0.28%	0.008%	
47	5.065	5.055	5.105	VV	290	7226	0.20%	0.006%	
48	5.124	5.105	5.152	VV	243	5805	0.16%	0.005%	
49	5.169	5.152	5.191	VV	253	4666	0.13%	0.004%	
50	5.198	5.191	5.207	VV	179	1745	0.05%	0.001%	
51	5.231	5.207	5.249	VV	318	6104	0.17%	0.005%	
52	5.263	5.249	5.287	VV	311	5128	0.14%	0.004%	
53	5.307	5.287	5.358	VV	390	10779	0.30%	0.009%	
54	5.375	5.358	5.418	VV	392	7542	0.21%	0.006%	
55	5.434	5.418	5.448	VV	218	2814	0.08%	0.002%	
56	5.454	5.448	5.461	VV	125	1017	0.03%	0.001%	
57	5.476	5.461	5.524	VV	256	6049	0.17%	0.005%	
58	5.535	5.524	5.550	VV	407	3296	0.09%	0.003%	
59	5.564	5.550	5.598	VV	252	5164	0.15%	0.004%	
60	5.604	5.598	5.657	VV	179	4784	0.14%	0.004%	
61	5.668	5.657	5.678	VV	114	1178	0.03%	0.001%	
62	5.697	5.678	5.818	VV	1108	25330	0.71%	0.021%	
63	5.822	5.818	5.833	VV	207	1260	0.04%	0.001%	
64	5.891	5.833	5.941	VV	282	10202	0.29%	0.008%	
65	5.955	5.941	5.984	VV	199	3034	0.09%	0.002%	
66	5.998	5.984	6.048	VV	363	6260	0.18%	0.005%	
67	6.063	6.048	6.104	VV	181	3561	0.10%	0.003%	
68	6.112	6.104	6.124	VV	135	1106	0.03%	0.001%	
69	6.130	6.124	6.139	VV	80	548	0.02%	0.000%	
70	6.146	6.139	6.156	PV	96	453	0.01%	0.000%	
71	6.180	6.156	6.209	VV	142	2702	0.08%	0.002%	
72	6.224	6.209	6.251	VV	142	2098	0.06%	0.002%	
73	6.277	6.251	6.301	VV	157	3053	0.09%	0.002%	
74	6.325	6.301	6.340	VV	202	2495	0.07%	0.002%	
75	6.368	6.340	6.410	VV	253	4759	0.13%	0.004%	
76	6.419	6.410	6.424	VV	117	606	0.02%	0.000%	
77	6.438	6.424	6.474	VV	219	3056	0.09%	0.002%	
78	6.509	6.474	6.575	VV	148	5948	0.17%	0.005%	
79	6.596	6.575	6.611	VV	150	1924	0.05%	0.002%	
80	6.665	6.611	6.679	VV	108	3048	0.09%	0.002%	
81	6.729	6.679	6.788	PV	322	7453	0.21%	0.006%	
82	6.827	6.788	6.852	VV	139	2681	0.08%	0.002%	
83	6.879	6.852	6.914	VV	142	2531	0.07%	0.002%	
84	6.921	6.914	7.025	VV	111	3342	0.09%	0.003%	
85	7.045	7.025	7.084	PV	69	1998	0.06%	0.002%	
86	7.094	7.084	7.109	VV	103	1181	0.03%	0.001%	
87	7.130	7.109	7.175	VV	102	2423	0.07%	0.002%	
88	7.196	7.175	7.218	PV	158	1809	0.05%	0.001%	
89	7.299	7.218	7.320	PV	311	8908	0.25%	0.007%	

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90	7.350	7.320	7.366	VV	234	4204	0.12%	0.003%
91	7.391	7.366	7.416	VV	286	6225		
92	7.448	7.416	7.509	VV	385	12615		
93	7.552	7.509	7.604	VV	416	17523		
94	7.634	7.604	7.644	VV	460	7957		
95	7.680	7.644	7.711	VV	552	18753		
96	7.721	7.711	7.750	VV	500	10301	0.29%	0.008%
97	7.860	7.750	7.888	VV	861	51371	1.45%	0.042%
98	7.904	7.888	7.921	VV	662	11459	0.32%	0.009%
99	7.967	7.921	7.987	VV	1655	41106	1.16%	0.033%
100	8.012	7.987	8.085	VV	7104	215771	6.09%	0.176%
101	8.109	8.085	8.141	VV	2964	85240	2.41%	0.069%
102	8.157	8.141	8.178	VV	2462	48659	1.37%	0.040%
103	8.253	8.178	8.270	VV	2737	121404	3.43%	0.099%
104	8.290	8.270	8.331	VV	3747	103136	2.91%	0.084%
105	8.356	8.331	8.369	VV	3264	64933	1.83%	0.053%
106	8.397	8.369	8.410	VV	3174	73360	2.07%	0.060%
107	8.433	8.410	8.463	VV	3893	108861	3.07%	0.089%
108	8.502	8.463	8.514	VV	3902	109266	3.08%	0.089%
109	8.563	8.514	8.589	VV	5042	201981	5.70%	0.165%
110	8.601	8.589	8.612	VV	4451	59728	1.69%	0.049%
111	8.638	8.612	8.670	VV	5160	165488	4.67%	0.135%
112	8.718	8.670	8.762	VV	9568	361641	10.21%	0.295%
113	8.810	8.762	8.837	VV	7870	315490	8.91%	0.257%
114	8.846	8.837	8.876	VV	7114	156481	4.42%	0.127%
115	8.951	8.876	8.973	VV	12423	532275	15.02%	0.434%
116	9.018	8.973	9.038	VV	19103	491822	13.88%	0.401%
117	9.056	9.038	9.067	VV	13333	211428	5.97%	0.172%
118	9.084	9.067	9.137	VV	17329	551680	15.57%	0.449%
119	9.183	9.137	9.202	VV	14816	493438	13.93%	0.402%
120	9.219	9.202	9.230	VV	14405	234589	6.62%	0.191%
121	9.250	9.230	9.271	VV	15161	343614	9.70%	0.280%
122	9.313	9.271	9.344	VV	25368	734437	20.73%	0.598%
123	9.403	9.344	9.421	VV	15682	696537	19.66%	0.567%
124	9.435	9.421	9.444	VV	16624	223145	6.30%	0.182%
125	9.474	9.444	9.500	VV	18504	563145	15.90%	0.459%
126	9.521	9.500	9.534	VV	17616	343394	9.69%	0.280%
127	9.544	9.534	9.562	VV	17380	283238	7.99%	0.231%
128	9.597	9.562	9.613	VV	20692	562241	15.87%	0.458%
129	9.628	9.613	9.651	VV	20512	448336	12.66%	0.365%
130	9.697	9.651	9.714	VV	22961	784297	22.14%	0.639%
131	9.732	9.714	9.742	VV	22437	363351	10.26%	0.296%
132	9.780	9.742	9.818	VV	34051	1139664	32.17%	0.928%
133	9.853	9.818	9.878	VV	25496	871909	24.61%	0.710%
134	9.927	9.878	9.973	VV	26983	1430263	40.37%	1.165%
135	10.009	9.973	10.047	VV	26377	1132803	31.98%	0.923%
136	10.059	10.047	10.064	VV	25978	258340	7.29%	0.210%
137	10.088	10.064	10.100	VV	27648	579640	16.36%	0.472%
138	10.131	10.100	10.158	VV	31392	1037592	29.29%	0.845%
139	10.176	10.158	10.196	VV	31560	664469	18.76%	0.541%
140	10.224	10.196	10.239	VV	31544	777145	21.94%	0.633%
141	10.277	10.239	10.317	VV	32267	1455139	41.07%	1.185%

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Manual IntegrationsAPPROVED

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						Instrument : FID_E ClientSampleId : MOO-25-0331DL		
Sl. No	Peak No	Area	Height	Integration	Concentration	Area%	Height%	
142	10.354	10.317	10.374	VV	33878	1091412	30.81%	
143	10.411	10.374	10.431	VV	34049	1118901	0.889%	
144	10.447	10.431	10.464	VV	34847	675786	Manual IntegrationsAPPROVED	
145	10.492	10.464	10.508	VV	35496	890398		
146	10.525	10.508	10.538	VV	37244	649300		
147	10.563	10.538	10.587	VV	44830	1184936	37.68%	1.087%
148	10.626	10.587	10.644	VV	39679	1334883	19.72%	0.569%
149	10.652	10.644	10.674	VV	39569	698666	43.13%	1.245%
150	10.710	10.674	10.738	VV	45658	1528078	23.00%	0.664%
151	10.758	10.738	10.773	VV	39174	814713	64.77%	1.869%
152	10.843	10.773	10.868	VV	42417	2294638	51.59%	1.489%
153	10.913	10.868	10.940	VV	45423	1827565	55.91%	1.614%
154	10.986	10.940	11.010	VV	52969	1980765	61.75%	1.782%
155	11.026	11.010	11.093	VV	46131	2187777	27.84%	0.803%
156	11.115	11.093	11.131	VV	45020	986124	35.90%	1.036%
157	11.152	11.131	11.178	VV	48097	1271820	28.58%	0.825%
158	11.192	11.178	11.215	VV	46210	1012572	38.84%	1.121%
159	11.237	11.215	11.267	VV	45953	1375885	69.30%	2.000%
160	11.331	11.267	11.358	VV	47194	2455053	41.66%	1.202%
161	11.397	11.358	11.411	VV	48683	1475909	20.18%	0.582%
162	11.420	11.411	11.437	VV	47020	714967	40.52%	1.169%
163	11.447	11.437	11.488	VV	48131	1435377	34.74%	1.003%
164	11.504	11.488	11.533	VV	47073	1230906	59.22%	1.709%
165	11.590	11.533	11.608	VV	47969	2098092	46.98%	1.356%
166	11.620	11.608	11.668	VV	48191	1664491	76.35%	2.204%
167	11.708	11.668	11.764	VV	52266	2704822	30.05%	0.867%
168	11.775	11.764	11.804	VV	45043	1064435	49.66%	1.433%
169	11.851	11.804	11.871	VV	45597	1759360	82.32%	2.376%
170	11.940	11.871	11.969	VV	67418	2916555	31.58%	0.911%
171	11.989	11.969	12.010	VV	46500	1118774	26.80%	0.774%
172	12.028	12.010	12.045	VV	45403	949473	52.36%	1.511%
173	12.094	12.045	12.112	VV	48940	1854907	33.88%	0.978%
174	12.118	12.112	12.155	VV	48262	1200449	49.64%	1.433%
175	12.170	12.155	12.220	VV	46303	1758691	22.00%	0.635%
176	12.232	12.220	12.250	VV	44436	779537	61.85%	1.785%
177	12.269	12.250	12.332	VV	46918	2191311	100.00%	2.886%
178	12.398	12.332	12.472	VV	43832	3542735	25.42%	0.734%
179	12.491	12.472	12.508	VV	43167	900596	16.43%	0.474%
180	12.519	12.508	12.531	VV	42347	582234	32.19%	0.929%
181	12.548	12.531	12.577	VV	41547	1140332	41.49%	1.197%
182	12.596	12.577	12.637	VV	42578	1469884	22.73%	0.656%
183	12.654	12.637	12.671	VV	40477	805155	20.29%	0.586%
184	12.688	12.671	12.700	VV	40589	718987	26.35%	0.760%
185	12.710	12.700	12.740	VV	40362	933380	56.78%	1.639%
186	12.798	12.740	12.826	VV	40483	2011394	39.62%	1.144%
187	12.870	12.826	12.888	VV	38976	1403666	18.01%	0.520%
188	12.900	12.888	12.916	VV	38071	638179	38.74%	1.118%
189	12.932	12.916	12.978	VV	39421	1372467	21.71%	0.626%
190	12.983	12.978	13.013	VV	36663	769013	69.57%	2.008%
191	13.042	13.013	13.128	VV	38264	2464648	32.31%	0.932%
192	13.137	13.128	13.184	VV	34729	1144559	20.74%	0.599%
193	13.198	13.184	13.221	VV	33736	734906	8.99%	0.260%
194	13.231	13.221	13.238	VV	32895	318636		

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Interferes								
195	13.261	13.238	13.281	VV	33860	853100	24.08%	0.695%
							Manual IntegrationsAPPROVED	
196	13.297	13.281	13.318	VV	32681	708045	19.08%	0.695%
197	13.379	13.318	13.408	VV	44030	1903575	53.08%	0.695%
198	13.427	13.408	13.471	VV	33169	1199089	33.08%	0.695%
199	13.480	13.471	13.534	VV	31049	1146659	32.08%	0.695%
200	13.551	13.534	13.566	VV	30080	550848	15.08%	0.695%
201	13.593	13.566	13.614	VV	30215	855997	24.16%	0.697%
202	13.620	13.614	13.664	VV	28858	846418	23.89%	0.690%
203	13.674	13.664	13.687	VV	27953	377538	10.66%	0.308%
204	13.712	13.687	13.739	VV	28737	868005	24.50%	0.707%
205	13.758	13.739	13.801	VV	27516	982789	27.74%	0.801%
206	13.812	13.801	13.843	VV	27042	662993	18.71%	0.540%
207	13.859	13.843	13.914	VV	26851	1083281	30.58%	0.883%
208	13.927	13.914	13.951	VV	24873	535583	15.12%	0.436%
209	13.958	13.951	13.978	VV	25099	403134	11.38%	0.328%
210	13.987	13.978	14.007	VV	24712	413775	11.68%	0.337%
211	14.029	14.007	14.115	VV	24063	1482678	41.85%	1.208%
212	14.132	14.115	14.173	VV	23724	781729	22.07%	0.637%
213	14.184	14.173	14.227	VV	22197	679248	19.17%	0.553%
214	14.244	14.227	14.255	VV	20729	338928	9.57%	0.276%
215	14.282	14.255	14.303	VV	21061	598371	16.89%	0.487%
216	14.317	14.303	14.334	VV	19872	366217	10.34%	0.298%
217	14.350	14.334	14.395	VV	20402	712920	20.12%	0.581%
218	14.417	14.395	14.488	VV	19038	1019643	28.78%	0.831%
219	14.519	14.488	14.598	VV	17957	1107804	31.27%	0.902%
220	14.605	14.598	14.618	VV	16152	184232	5.20%	0.150%
221	14.644	14.618	14.695	VV	16672	712080	20.10%	0.580%
222	14.707	14.695	14.743	VV	14958	417890	11.80%	0.340%
223	14.758	14.743	14.771	VV	14559	243932	6.89%	0.199%
224	14.774	14.771	14.781	VV	14582	86021	2.43%	0.070%
225	14.787	14.781	14.798	VV	14156	140074	3.95%	0.114%
226	14.822	14.798	14.908	VV	14099	865997	24.44%	0.706%
227	14.952	14.908	15.021	VV	12733	799395	22.56%	0.651%
228	15.027	15.021	15.068	VV	11103	302437	8.54%	0.246%
229	15.078	15.068	15.108	VV	10317	240395	6.79%	0.196%
230	15.127	15.108	15.209	VV	9969	569346	16.07%	0.464%
231	15.232	15.209	15.352	VV	9428	717600	20.26%	0.585%
232	15.376	15.352	15.428	VV	8141	337977	9.54%	0.275%
233	15.433	15.428	15.464	VV	7091	147810	4.17%	0.120%
234	15.475	15.464	15.594	VV	6688	470820	13.29%	0.384%
235	15.603	15.594	15.642	VV	5404	148958	4.20%	0.121%
236	15.653	15.642	15.695	VV	5176	159643	4.51%	0.130%
237	15.718	15.695	15.743	VV	4927	136837	3.86%	0.111%
238	15.756	15.743	15.894	VV	4742	367618	10.38%	0.299%
239	15.903	15.894	15.971	VV	3699	146022	4.12%	0.119%
240	15.984	15.971	15.994	VV	3002	40790	1.15%	0.033%
241	16.008	15.994	16.044	VV	2970	83301	2.35%	0.068%
242	16.068	16.044	16.138	VV	2798	140665	3.97%	0.115%
243	16.146	16.138	16.205	VV	2233	82504	2.33%	0.067%
244	16.222	16.205	16.238	VV	2011	37808	1.07%	0.031%
245	16.262	16.238	16.354	VV	2181	118994	3.36%	0.097%
246	16.363	16.354	16.430	VV	1453	58528	1.65%	0.048%

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247	16.449	16.430	16.518	VV	1513	59040	1.67%	0.048%	
248	16.534	16.518	16.544	VV	888	13686			
249	16.582	16.544	16.605	VV	938	30602			
250	16.619	16.605	16.679	VV	839	29585			
251	16.715	16.679	16.727	VV	665	15547			
252	16.749	16.727	16.791	VV	797	20614			
253	16.831	16.791	16.895	VV	741	32116	0.91%	0.026%	
254	16.936	16.895	17.008	VV	588	28058	0.79%	0.023%	
255	17.014	17.008	17.058	VV	246	5028	0.14%	0.004%	
256	17.081	17.058	17.115	VV	236	5009	0.14%	0.004%	
257	17.152	17.115	17.162	PV	201	3785	0.11%	0.003%	
258	17.213	17.162	17.291	VV	934	29965	0.85%	0.024%	
259	17.312	17.291	17.367	VV	269	5057	0.14%	0.004%	
260	17.458	17.367	17.488	PV	158	5880	0.17%	0.005%	
261	17.548	17.488	17.584	PV	262	5514	0.16%	0.004%	
262	17.598	17.584	17.611	VV	107	1259	0.04%	0.001%	
263	17.631	17.611	17.643	VV	239	3558	0.10%	0.003%	
264	17.665	17.643	17.721	VV	1022	19238	0.54%	0.016%	
265	17.777	17.721	17.824	VV	343	8238	0.23%	0.007%	
266	17.880	17.824	17.898	VV	178	5211	0.15%	0.004%	
267	17.932	17.898	17.944	PV	185	3056	0.09%	0.002%	
268	17.955	17.944	17.960	VV	93	881	0.02%	0.001%	
269	18.104	17.960	18.128	PV	1482	27814	0.79%	0.023%	
270	18.139	18.128	18.168	VV	142	2146	0.06%	0.002%	
271	18.247	18.168	18.278	PV	355	7943	0.22%	0.006%	
272	18.283	18.278	18.301	VV	191	1222	0.03%	0.001%	
273	18.429	18.301	18.458	PV	466	3970	0.11%	0.003%	
274	18.528	18.458	18.559	PV	1537	25049	0.71%	0.020%	
275	18.619	18.559	18.641	VV	296	6449	0.18%	0.005%	
276	18.938	18.641	18.990	PV	1885	13736	0.39%	0.011%	
277	19.051	18.990	19.064	PV	279	5949	0.17%	0.005%	
278	19.134	19.064	19.158	VV	280	9011	0.25%	0.007%	
279	19.337	19.158	19.391	VV	1991	60381	1.70%	0.049%	
280	19.583	19.391	19.616	VV	631	38972	1.10%	0.032%	
281	19.723	19.616	19.751	VV	2209	62415	1.76%	0.051%	
282	20.096	19.751	20.128	VV	3861	448840	12.67%	0.366%	
Sum of corrected areas:					122748788				

Instrument :

FID_E

ClientSampleId :

MOO-25-0331DL

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/27/2025

Aliphatic EPH 103025.M Wed Nov 26 01:46:29 2025