

rteres

Instrument :

FID_E

ClientSampleId :

TP-13-MHP-WCMS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06112
Data File : FE054300.D
Signal(s) : FID1B.ch
Acq On : 10 Jun 2025 21:50
Sample : Q2274-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.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	2.878	2.821	2.934	BV	1408	18019	0.15%	0.008%
2	2.955	2.934	3.019	PV	178	2849	0.02%	0.001%
3	3.043	3.019	3.083	VV	163	3491	0.03%	0.002%
4	3.179	3.083	3.311	PV	431823	4602699	38.26%	2.121%
5	3.319	3.311	3.374	VV	900	25273	0.21%	0.012%
6	3.390	3.374	3.444	VV	603	19789	0.16%	0.009%
7	3.464	3.444	3.477	VV	439	7476	0.06%	0.003%
8	3.493	3.477	3.504	VV	492	6586	0.05%	0.003%
9	3.517	3.504	3.538	VV	514	7921	0.07%	0.004%
10	3.549	3.538	3.592	VV	520	11925	0.10%	0.005%
11	3.634	3.592	3.658	VV	409	12032	0.10%	0.006%
12	3.674	3.658	3.748	VV	966	23805	0.20%	0.011%
13	3.795	3.748	3.848	VV	629	23970	0.20%	0.011%
14	3.872	3.848	3.892	VV	466	8805	0.07%	0.004%
15	3.901	3.892	3.941	VV	311	5672	0.05%	0.003%
16	3.979	3.941	3.993	VV	365	7367	0.06%	0.003%
17	4.013	3.993	4.053	VV	299	8009	0.07%	0.004%
18	4.095	4.053	4.118	VV	244	6693	0.06%	0.003%
19	4.124	4.118	4.132	VV	155	1294	0.01%	0.001%
20	4.171	4.132	4.201	VV	567	13136	0.11%	0.006%
21	4.207	4.201	4.238	VV	253	5211	0.04%	0.002%
22	4.264	4.238	4.314	VV	224	7642	0.06%	0.004%
23	4.332	4.314	4.378	VV	227	6652	0.06%	0.003%
24	4.382	4.378	4.411	VV	218	3134	0.03%	0.001%
25	4.442	4.411	4.460	VV	498162	5028746	41.80%	2.317%
26	4.476	4.460	4.538	VV	388168	4214824	35.03%	1.942%
27	4.553	4.538	4.580	VV	5145	99976	0.83%	0.046%
28	4.598	4.580	4.709	VV	5262	142913	1.19%	0.066%
29	4.726	4.709	4.788	VV	1019	38338	0.32%	0.018%
30	4.800	4.788	4.847	VV	698	21054	0.17%	0.010%
31	4.858	4.847	4.891	VV	540	13171	0.11%	0.006%
32	4.900	4.891	4.931	VV	483	10979	0.09%	0.005%
33	4.950	4.931	4.972	VV	527	11475	0.10%	0.005%
34	4.982	4.972	5.031	VV	381	11794	0.10%	0.005%
35	5.034	5.031	5.051	VV	390	3624	0.03%	0.002%
36	5.061	5.051	5.093	VV	308	7179	0.06%	0.003%

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37	5.109	5.093	5.138	VV	343	7978	0.07%	0.004%	
38	5.153	5.138	5.191	VV	309	7442			
39	5.211	5.191	5.238	VV	245	5940			
40	5.244	5.238	5.281	VV	305	5534			
41	5.289	5.281	5.311	VV	250	3138			
42	5.320	5.311	5.388	VV	247	7661			
43	5.422	5.388	5.550	VV	262	17231	0.14%	0.008%	
44	5.589	5.550	5.671	VV	1155	21647	0.18%	0.010%	
45	5.711	5.671	5.729	VV	159	3476	0.03%	0.002%	
46	5.757	5.729	5.804	VV	211	5710	0.05%	0.003%	
47	5.809	5.804	5.819	VV	124	886	0.01%	0.000%	
48	5.836	5.819	5.913	VV	221	9185	0.08%	0.004%	
49	5.927	5.913	5.961	VV	185	4230	0.04%	0.002%	
50	5.967	5.961	5.979	VV	152	1289	0.01%	0.001%	
51	5.998	5.979	6.015	VV	165	1937	0.02%	0.001%	
52	6.030	6.015	6.054	VV	135	1250	0.01%	0.001%	
53	6.065	6.054	6.101	PV	94	1212	0.01%	0.001%	
54	6.156	6.101	6.321	VV	362560	4398475	36.56%	2.027%	
55	6.333	6.321	6.471	VV	2154	102022	0.85%	0.047%	
56	6.488	6.471	6.591	VV	747	40636	0.34%	0.019%	
57	6.624	6.591	6.755	VV	537007	5604874	46.59%	2.582%	
58	6.776	6.755	6.864	VV	1006	44146	0.37%	0.020%	
59	6.871	6.864	6.934	VV	427	15356	0.13%	0.007%	
60	6.950	6.934	6.971	VV	388	6526	0.05%	0.003%	
61	6.982	6.971	7.014	VV	294	5911	0.05%	0.003%	
62	7.048	7.014	7.130	VV	366	16061	0.13%	0.007%	
63	7.166	7.130	7.224	VV	5772	102697	0.85%	0.047%	
64	7.258	7.224	7.385	VV	345693	4246937	35.30%	1.957%	
65	7.400	7.385	7.444	VV	2682	73018	0.61%	0.034%	
66	7.465	7.444	7.524	VV	2012	73234	0.61%	0.034%	
67	7.542	7.524	7.557	VV	1182	20737	0.17%	0.010%	
68	7.574	7.557	7.691	VV	1885	58969	0.49%	0.027%	
69	7.701	7.691	7.712	VV	275	3156	0.03%	0.001%	
70	7.747	7.712	7.785	VV	571	11846	0.10%	0.005%	
71	7.793	7.785	7.831	VV	215	2358	0.02%	0.001%	
72	8.149	8.124	8.178	VV	1913	34531	0.29%	0.016%	
73	8.206	8.178	8.261	VV	1176	28908	0.24%	0.013%	
74	8.274	8.261	8.296	VV	444	8523	0.07%	0.004%	
75	8.309	8.296	8.332	VV	497	8796	0.07%	0.004%	
76	8.386	8.332	8.401	VV	794	20983	0.17%	0.010%	
77	8.414	8.401	8.425	VV	656	8277	0.07%	0.004%	
78	8.460	8.425	8.532	VV	555470	5966315	49.59%	2.749%	
79	8.563	8.532	8.738	VV	420016	4779901	39.73%	2.202%	
80	8.863	8.834	8.985	VV	434639	5021657	41.74%	2.314%	
81	8.993	8.985	9.038	VV	2206	51099	0.42%	0.024%	
82	9.049	9.038	9.097	VV	1136	31917	0.27%	0.015%	
83	9.112	9.097	9.141	VV	821	19483	0.16%	0.009%	
84	9.192	9.141	9.261	VV	1337	55555	0.46%	0.026%	
85	9.287	9.261	9.315	VV	2343	36834	0.31%	0.017%	
86	9.327	9.315	9.399	VV	617	13516	0.11%	0.006%	
87	9.438	9.399	9.456	VV	609	7991	0.07%	0.004%	
88	9.476	9.456	9.504	VV	348	5218	0.04%	0.002%	
89	9.584	9.504	9.605	PV	493	14123	0.12%	0.007%	

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Supervised By :mohammad ahmed 06/12/2025

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					rt	Area	Area%	Area%
90	9.656	9.605	9.794	VV	393277	4908395	40.80%	2.262%
							Manual IntegrationsAPPROVED	
91	9.807	9.794	9.829	VV	1940	35095	0.00%	0.000%
92	9.847	9.829	9.860	VV	2830	38511	0.00%	0.000%
93	9.878	9.860	9.918	VV	4446	86898	0.00%	0.000%
94	9.944	9.918	10.036	VV	37079	700039	0.00%	0.000%
95	10.071	10.036	10.228	VV	576037	6660321	58.01%	3.216%
96	10.238	10.228	10.324	VV	544	15740	0.13%	0.007%
97	10.341	10.324	10.381	VV	185	5114	0.04%	0.002%
98	10.412	10.381	10.442	VV	4195	62547	0.52%	0.029%
99	10.456	10.442	10.492	VV	1080	19540	0.16%	0.009%
100	10.511	10.492	10.531	VV	562	10043	0.08%	0.005%
101	10.549	10.531	10.577	VV	699	13834	0.11%	0.006%
102	10.601	10.577	10.644	VV	689	13732	0.11%	0.006%
103	10.689	10.644	10.712	VV	522	16204	0.13%	0.007%
104	10.735	10.712	10.758	VV	541	11042	0.09%	0.005%
105	10.811	10.758	10.849	VV	2775	51033	0.42%	0.024%
106	10.884	10.849	10.988	VV	3081	82495	0.69%	0.038%
107	11.067	10.988	11.117	PV	408865	4890305	40.65%	2.253%
108	11.144	11.117	11.300	VV	370879	5046350	41.94%	2.325%
109	11.318	11.300	11.368	VV	2619	53620	0.45%	0.025%
110	11.383	11.368	11.401	VV	764	13896	0.12%	0.006%
111	11.446	11.401	11.484	VV	1477	47215	0.39%	0.022%
112	11.519	11.484	11.582	VV	593858	6979603	58.01%	3.216%
113	11.606	11.582	11.658	VV	2018	49323	0.41%	0.023%
114	11.675	11.658	11.694	VV	629	9538	0.08%	0.004%
115	11.712	11.694	11.734	VV	482	9187	0.08%	0.004%
116	11.751	11.734	11.781	VV	495	9789	0.08%	0.005%
117	11.831	11.781	11.871	VV	466965	5266562	43.77%	2.427%
118	11.884	11.871	11.902	VV	3727	58834	0.49%	0.027%
119	11.918	11.902	11.968	VV	3351	78735	0.65%	0.036%
120	11.996	11.968	12.014	VV	3356	59234	0.49%	0.027%
121	12.029	12.014	12.046	VV	2480	38577	0.32%	0.018%
122	12.065	12.046	12.114	VV	2679	59684	0.50%	0.027%
123	12.122	12.114	12.146	VV	488	6784	0.06%	0.003%
124	12.187	12.146	12.218	VV	2675	43122	0.36%	0.020%
125	12.234	12.218	12.255	VV	309	6272	0.05%	0.003%
126	12.280	12.255	12.348	VV	666	19114	0.16%	0.009%
127	12.383	12.348	12.410	VV	861	18859	0.16%	0.009%
128	12.464	12.410	12.484	VV	649	19152	0.16%	0.009%
129	12.505	12.484	12.518	VV	766	11766	0.10%	0.005%
130	12.534	12.518	12.549	VV	764	11851	0.10%	0.005%
131	12.563	12.549	12.588	VV	648	13395	0.11%	0.006%
132	12.652	12.588	12.724	VV	2164	75737	0.63%	0.035%
133	12.779	12.724	12.796	VV	3732	73249	0.61%	0.034%
134	12.832	12.796	12.865	VV	595255	7362175	61.19%	3.392%
135	12.895	12.865	13.023	VV	398263	5097107	42.37%	2.348%
136	13.045	13.023	13.064	VV	1753	34845	0.29%	0.016%
137	13.087	13.064	13.136	VV	4262	85102	0.71%	0.039%
138	13.151	13.136	13.164	VV	1063	15962	0.13%	0.007%
139	13.194	13.164	13.241	VV	414164	5004368	41.59%	2.306%
140	13.275	13.241	13.370	VV	349625	4506044	37.45%	2.076%
141	13.386	13.370	13.406	VV	1602	29720	0.25%	0.014%

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142	13.445	13.406	13.517	VV	581579	7094939	58.97%	3.269%
143	13.534	13.517	13.578	VV	1403	34351		
144	13.592	13.578	13.605	VV	805	11521		
145	13.624	13.605	13.643	VV	908	18456		
146	13.669	13.643	13.736	VV	1923	55734		
147	13.805	13.736	13.845	VV	2650	94914		
148	13.870	13.845	13.892	VV	1707	33114	0.28%	0.015%
149	13.912	13.892	13.927	VV	1443	24232	0.20%	0.011%
150	13.949	13.927	13.965	VV	2195	37828	0.31%	0.017%
151	13.981	13.965	13.996	VV	2197	33278	0.28%	0.015%
152	14.033	13.996	14.098	VV	571509	7055674	58.64%	3.251%
153	14.116	14.098	14.191	VV	2115	55768	0.46%	0.026%
154	14.211	14.191	14.229	VV	784	11543	0.10%	0.005%
155	14.262	14.229	14.287	VV	509	14445	0.12%	0.007%
156	14.300	14.287	14.340	VV	314	5448	0.05%	0.003%
157	14.393	14.340	14.421	VV	642	15112	0.13%	0.007%
158	14.468	14.421	14.479	VV	1391	25147	0.21%	0.012%
159	14.494	14.479	14.516	VV	1567	29331	0.24%	0.014%
160	14.527	14.516	14.556	VV	1197	20757	0.17%	0.010%
161	14.594	14.556	14.618	VV	2765	50436	0.42%	0.023%
162	14.638	14.618	14.698	VV	1137	36670	0.30%	0.017%
163	14.730	14.698	14.752	VV	1603	36492	0.30%	0.017%
164	14.776	14.752	14.821	VV	2410	57307	0.48%	0.026%
165	14.838	14.821	14.860	VV	802	15651	0.13%	0.007%
166	14.887	14.860	14.918	VV	1446	31540	0.26%	0.015%
167	14.935	14.918	14.951	VV	725	11727	0.10%	0.005%
168	14.974	14.951	15.026	VV	787	18705	0.16%	0.009%
169	15.085	15.026	15.106	PV	366663	4659273	38.73%	2.147%
170	15.134	15.106	15.231	VV	730161	12031310	100.00%	5.543%
171	15.244	15.231	15.287	VV	2961	73852	0.61%	0.034%
172	15.300	15.287	15.374	VV	1571	62470	0.52%	0.029%
173	15.393	15.374	15.417	VV	829	18802	0.16%	0.009%
174	15.445	15.417	15.457	VV	1110	21839	0.18%	0.010%
175	15.470	15.457	15.493	VV	1189	22143	0.18%	0.010%
176	15.553	15.493	15.630	VV	6485	281027	2.34%	0.129%
177	15.657	15.630	15.698	VV	4833	106201	0.88%	0.049%
178	15.721	15.698	15.748	VV	2330	39195	0.33%	0.018%
179	15.774	15.748	15.799	VV	2447	46549	0.39%	0.021%
180	15.817	15.799	15.854	VV	1327	32946	0.27%	0.015%
181	15.873	15.854	15.891	VV	924	17113	0.14%	0.008%
182	15.916	15.891	15.927	VV	1418	24663	0.20%	0.011%
183	15.943	15.927	16.006	VV	1438	43666	0.36%	0.020%
184	16.018	16.006	16.041	VV	574	9958	0.08%	0.005%
185	16.050	16.041	16.075	VV	453	7326	0.06%	0.003%
186	16.163	16.075	16.267	VV	512048	6839463	56.85%	3.151%
187	16.279	16.267	16.310	VV	340	5729	0.05%	0.003%
188	16.365	16.310	16.391	PV	782	17902	0.15%	0.008%
189	16.457	16.391	16.488	VV	856	28057	0.23%	0.013%
190	16.573	16.488	16.591	VV	1060	32889	0.27%	0.015%
191	16.654	16.591	16.669	VV	363715	4996350	41.53%	2.302%
192	16.686	16.669	16.772	VV	395558	5372113	44.65%	2.475%
193	16.793	16.772	16.891	VV	3592	116992	0.97%	0.054%
194	16.929	16.891	16.955	VV	4673	83720	0.70%	0.039%

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195	16.981	16.955	17.005	VV	7628	110396	0.92%	0.051%
196	17.038	17.005	17.079	VV	351394	5036128	41.29%	2.011%
197	17.112	17.079	17.238	VV	502405	7017864	58.24%	2.899%
198	17.290	17.238	17.388	VV	1182	63791	0.02%	0.001%
199	17.443	17.388	17.494	VV	1224	44864	0.02%	0.001%
200	17.560	17.494	17.614	VV	4005	81530	0.05%	0.002%
201	17.650	17.614	17.684	VV	712	15990	0.13%	0.007%
202	17.712	17.684	17.737	VV	1076	20908	0.17%	0.010%
203	17.756	17.737	17.803	VV	739	16813	0.14%	0.008%
204	17.848	17.803	17.863	PV	508	9465	0.08%	0.004%
205	17.890	17.863	17.921	VV	5606	79376	0.66%	0.037%
206	18.003	17.921	18.071	VV	477573	6772038	56.29%	3.120%
207	18.090	18.071	18.114	VV	1430	23824	0.20%	0.011%
208	18.137	18.114	18.157	VV	1185	21857	0.18%	0.010%
209	18.171	18.157	18.202	VV	894	18710	0.16%	0.009%
210	18.231	18.202	18.290	VV	960	25526	0.21%	0.012%
211	18.327	18.290	18.360	PV	2367	51054	0.42%	0.024%
212	18.425	18.360	18.439	VV	310572	4385713	36.45%	2.021%
213	18.455	18.439	18.643	VV	349343	6733819	55.97%	3.103%
214	18.682	18.643	18.793	VV	260042	4989287	41.47%	2.299%
215	18.836	18.793	18.912	VV	453855	6684910	55.56%	3.080%
216	18.929	18.912	18.958	VV	2691	63656	0.53%	0.029%
217	18.987	18.958	19.071	VV	1712	74415	0.62%	0.034%
218	19.104	19.071	19.114	VV	560	11726	0.10%	0.005%
219	19.138	19.114	19.154	VV	420	9056	0.08%	0.004%
220	19.230	19.154	19.298	VV	4585	147329	1.22%	0.068%
221	19.318	19.298	19.342	VV	1050	22928	0.19%	0.011%
222	19.353	19.342	19.370	VV	652	9239	0.08%	0.004%
223	19.427	19.370	19.453	VV	1476	33633	0.28%	0.015%
224	19.539	19.453	19.548	VV	217	4157	0.03%	0.002%
225	19.620	19.548	19.674	PV	366113	5443085	45.24%	2.508%
226	19.682	19.674	19.694	VV	1717	20362	0.17%	0.009%
227	19.730	19.694	19.821	VV	3890	160995	1.34%	0.074%
228	19.898	19.821	19.929	VV	1454	64629	0.54%	0.030%
229	19.973	19.929	20.046	VV	2850	117165	0.97%	0.054%
230	20.263	20.046	20.278	VV	3168	214464	1.78%	0.099%
231	20.360	20.278	20.457	VV	261565	4401971	36.59%	2.028%
232	20.510	20.457	20.549	VV	10640	337282	2.80%	0.155%
233	20.665	20.549	20.679	VV	4795	328423	2.73%	0.151%
234	20.715	20.679	20.740	VV	5598	188308	1.57%	0.087%
235	20.877	20.740	20.891	VV	6126	492053	4.09%	0.227%
236	21.086	20.891	21.284	VV	182766	4591353	38.16%	2.115%
237	21.316	21.284	21.323	VV	5249	122205	1.02%	0.056%
238	21.502	21.323	21.536	VV	5347	648447	5.39%	0.299%
239	21.579	21.536	21.597	VV	4386	162957	1.35%	0.075%
240	21.796	21.597	21.808	VV	3634	487125	4.05%	0.224%
241	21.978	21.808	22.104	VV	105613	3158635	26.25%	1.455%
242	22.111	22.104	22.126	VV	2657	33410	0.28%	0.015%
243	22.178	22.126	22.279	VV	2898	196465	1.63%	0.091%
244	22.287	22.279	22.304	VV	1138	16460	0.14%	0.008%
245	22.314	22.304	22.334	VV	915	13804	0.11%	0.006%
246	22.344	22.334	22.388	VV	578	12924	0.11%	0.006%

Instrument :

FID_E

ClientSampleId :

TP-13-MHP-WCMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025

247 22.409 22.388 22.418 VV rteres 94 1520 0.01% 0.001%
Sum of corrected areas: 2176

Aliphatic EPH 061025.M Wed Jun 11 03:48:20 2025

Instrument :

FID_E

ClientSampleId :

TP-13-MHP-WCMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025