

rteres

Instrument :

FID_E

ClientSampleId :

MH-LLMS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025

Supervised By :mohammad ahmed 05/09/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE05072
Data File : FE053696.D
Signal(s) : FID1B.ch
Acq On : 07 May 2025 18:24
Sample : Q1964-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.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	2.849	2.805	2.884	BV	250	3009	0.02%	0.001%
2	2.908	2.884	2.968	PV	1916	22480	0.18%	0.009%
3	2.985	2.968	3.061	PV	261	4206	0.03%	0.002%
4	3.077	3.061	3.089	PV	201	1886	0.02%	0.001%
5	3.105	3.089	3.131	VV	139	2616	0.02%	0.001%
6	3.141	3.131	3.181	VV	117	2101	0.02%	0.001%
7	3.212	3.181	3.338	VV	418971	4326114	34.82%	1.794%
8	3.354	3.338	3.407	VV	689	19778	0.16%	0.008%
9	3.425	3.407	3.448	VV	457	9017	0.07%	0.004%
10	3.458	3.448	3.485	VV	392	6291	0.05%	0.003%
11	3.493	3.485	3.508	VV	323	3694	0.03%	0.002%
12	3.526	3.508	3.565	VV	549	12023	0.10%	0.005%
13	3.587	3.565	3.640	VV	455	15391	0.12%	0.006%
14	3.661	3.640	3.683	VV	558	9330	0.08%	0.004%
15	3.702	3.683	3.731	VV	492	10150	0.08%	0.004%
16	3.741	3.731	3.781	VV	309	6806	0.05%	0.003%
17	3.803	3.781	3.874	VV	1053	26914	0.22%	0.011%
18	3.901	3.874	3.965	VV	755	16881	0.14%	0.007%
19	4.009	3.965	4.026	VV	780	12527	0.10%	0.005%
20	4.044	4.026	4.077	VV	444	9647	0.08%	0.004%
21	4.085	4.077	4.101	VV	292	3485	0.03%	0.001%
22	4.120	4.101	4.139	VV	442	7596	0.06%	0.003%
23	4.147	4.139	4.170	VV	297	4493	0.04%	0.002%
24	4.195	4.170	4.226	VV	1771	26292	0.21%	0.011%
25	4.247	4.226	4.336	VV	662	32911	0.26%	0.014%
26	4.358	4.336	4.391	VV	444	11841	0.10%	0.005%
27	4.416	4.391	4.439	VV	505	11124	0.09%	0.005%
28	4.474	4.439	4.490	VV	488208	4820301	38.79%	1.999%
29	4.508	4.490	4.565	VV	513813	5281992	42.51%	2.190%
30	4.582	4.565	4.606	VV	5763	82341	0.66%	0.034%
31	4.626	4.606	4.740	VV	7703	143002	1.15%	0.059%
32	4.756	4.740	4.798	VV	788	20236	0.16%	0.008%
33	4.833	4.798	4.866	VV	515	17184	0.14%	0.007%
34	4.893	4.866	4.924	VV	467	14298	0.12%	0.006%
35	4.937	4.924	4.965	VV	472	8964	0.07%	0.004%
36	4.979	4.965	5.121	VV	495	24801	0.20%	0.010%

					retention				
37	5.143	5.121	5.171	VV	329	7364	0.06%	0.003%	
38	5.187	5.171	5.215	VV	350	6092			
39	5.229	5.215	5.245	VV	298	4017			
40	5.265	5.245	5.345	VV	251	10753			
41	5.429	5.345	5.539	VV	329	17490			
42	5.548	5.539	5.585	VV	166	2810			
43	5.617	5.585	5.656	VV	1561	20115	0.16%	0.008%	
44	5.705	5.656	5.718	VV	493	11334	0.09%	0.005%	
45	5.721	5.718	5.782	VV	400	9746	0.08%	0.004%	
46	5.797	5.782	5.895	VV	248	9506	0.08%	0.004%	
47	5.921	5.895	5.979	VV	183	4787	0.04%	0.002%	
48	5.999	5.979	6.037	VV	134	2349	0.02%	0.001%	
49	6.047	6.037	6.068	VV	109	1293	0.01%	0.001%	
50	6.083	6.068	6.091	VV	105	886	0.01%	0.000%	
51	6.104	6.091	6.121	PV	80	825	0.01%	0.000%	
52	6.184	6.121	6.345	PV	567036	5912888	47.59%	2.452%	
53	6.359	6.345	6.431	VV	1233	42676	0.34%	0.018%	
54	6.440	6.431	6.455	VV	622	7816	0.06%	0.003%	
55	6.459	6.455	6.478	VV	558	7027	0.06%	0.003%	
56	6.498	6.478	6.602	VV	636	32417	0.26%	0.013%	
57	6.653	6.602	6.727	VV	520834	5434137	43.73%	2.253%	
58	6.744	6.727	6.760	VV	1106	19652	0.16%	0.008%	
59	6.783	6.760	6.919	VV	11475	238597	1.92%	0.099%	
60	6.928	6.919	6.960	VV	526	11832	0.10%	0.005%	
61	6.976	6.960	7.008	VV	496	10245	0.08%	0.004%	
62	7.019	7.008	7.045	VV	320	5584	0.04%	0.002%	
63	7.061	7.045	7.121	VV	477	13344	0.11%	0.006%	
64	7.158	7.121	7.170	VV	2389	32775	0.26%	0.014%	
65	7.191	7.170	7.248	VV	12918	169711	1.37%	0.070%	
66	7.287	7.248	7.408	VV	539603	5685704	45.76%	2.357%	
67	7.427	7.408	7.453	VV	1920	36290	0.29%	0.015%	
68	7.491	7.453	7.506	VV	2632	51343	0.41%	0.021%	
69	7.514	7.506	7.550	VV	1903	31786	0.26%	0.013%	
70	7.567	7.550	7.586	VV	1422	21527	0.17%	0.009%	
71	7.604	7.586	7.637	VV	1497	25661	0.21%	0.011%	
72	7.661	7.637	7.711	VV	672	21048	0.17%	0.009%	
73	7.732	7.711	7.743	VV	181	2610	0.02%	0.001%	
74	7.775	7.743	7.801	VV	823	11822	0.10%	0.005%	
75	7.817	7.801	7.859	VV	245	5273	0.04%	0.002%	
76	8.056	8.045	8.118	VV	1412	38174	0.31%	0.016%	
77	8.128	8.118	8.158	VV	596	12994	0.10%	0.005%	
78	8.178	8.158	8.205	VV	1022	17238	0.14%	0.007%	
79	8.224	8.205	8.248	VV	642	14393	0.12%	0.006%	
80	8.259	8.248	8.291	VV	625	9176	0.07%	0.004%	
81	8.301	8.291	8.328	VV	221	3085	0.02%	0.001%	
82	8.343	8.328	8.370	VV	191	3959	0.03%	0.002%	
83	8.389	8.370	8.418	VV	304	6493	0.05%	0.003%	
84	8.490	8.418	8.560	VV	570366	5982297	48.14%	2.480%	
85	8.593	8.560	8.759	VV	632446	6506221	52.36%	2.698%	
86	8.894	8.863	9.121	VV	626198	6707399	53.98%	2.781%	
87	9.137	9.121	9.161	VV	465	9736	0.08%	0.004%	
88	9.181	9.161	9.205	VV	710	12831	0.10%	0.005%	
89	9.224	9.205	9.288	VV	693	18296	0.15%	0.008%	

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90	9.352	9.288	9.360	VV	33234	353558	2.85%	0.147%
91	9.370	9.360	9.485	VV	39141	468733		
92	9.503	9.485	9.543	VV	352	7313		
93	9.577	9.543	9.601	VV	262	5576		
94	9.617	9.601	9.655	VV	272	4312		
95	9.687	9.655	9.811	VV	607330	6792235	54.28%	2.593%
96	9.836	9.811	9.857	VV	1145	23872	0.19%	0.010%
97	9.903	9.857	9.955	VV	7254	151483	1.22%	0.063%
98	9.979	9.955	10.011	VV	2356	48470	0.39%	0.020%
99	10.035	10.011	10.061	VV	1109	23913	0.19%	0.010%
100	10.103	10.061	10.188	VV	558514	6253532	50.33%	2.593%
101	10.207	10.188	10.225	VV	591	10181	0.08%	0.004%
102	10.242	10.225	10.345	VV	410	13967	0.11%	0.006%
103	10.442	10.345	10.475	PV	732	14482	0.12%	0.006%
104	10.491	10.475	10.520	VV	285	4908	0.04%	0.002%
105	10.549	10.520	10.605	VV	678	20455	0.16%	0.008%
106	10.616	10.605	10.678	VV	257	6615	0.05%	0.003%
107	10.705	10.678	10.733	VV	124	3463	0.03%	0.001%
108	10.746	10.733	10.754	VV	212	2041	0.02%	0.001%
109	10.772	10.754	10.788	VV	242	4116	0.03%	0.002%
110	10.802	10.788	10.818	VV	377	5510	0.04%	0.002%
111	10.841	10.818	10.865	VV	1207	19075	0.15%	0.008%
112	10.889	10.865	11.012	VV	10122	193949	1.56%	0.080%
113	11.099	11.012	11.144	VV	586701	6566647	52.85%	2.723%
114	11.176	11.144	11.331	VV	558350	6674559	53.72%	2.767%
115	11.351	11.331	11.389	VV	1986	37248	0.30%	0.015%
116	11.416	11.389	11.462	VV	2151	55372	0.45%	0.023%
117	11.479	11.462	11.507	VV	1034	20792	0.17%	0.009%
118	11.551	11.507	11.615	VV	536811	6337424	51.00%	2.628%
119	11.625	11.615	11.695	VV	820	23585	0.19%	0.010%
120	11.706	11.695	11.722	VV	436	5774	0.05%	0.002%
121	11.742	11.722	11.762	VV	333	6622	0.05%	0.003%
122	11.771	11.762	11.781	VV	227	2052	0.02%	0.001%
123	11.794	11.781	11.805	VV	221	2739	0.02%	0.001%
124	11.864	11.805	11.954	VV	435723	4894735	39.39%	2.029%
125	11.978	11.954	11.996	VV	1638	32177	0.26%	0.013%
126	12.004	11.996	12.043	VV	1377	29702	0.24%	0.012%
127	12.055	12.043	12.075	VV	756	12246	0.10%	0.005%
128	12.086	12.075	12.137	VV	645	14023	0.11%	0.006%
129	12.155	12.137	12.169	VV	262	3599	0.03%	0.001%
130	12.219	12.169	12.248	VV	891	20955	0.17%	0.009%
131	12.273	12.248	12.296	VV	1921	26686	0.21%	0.011%
132	12.309	12.296	12.352	VV	569	7864	0.06%	0.003%
133	12.359	12.352	12.375	VV	79	809	0.01%	0.000%
134	12.384	12.375	12.411	PV	96	979	0.01%	0.000%
135	12.453	12.411	12.476	VV	101	3179	0.03%	0.001%
136	12.502	12.476	12.530	VV	275	5675	0.05%	0.002%
137	12.560	12.530	12.621	VV	383	12262	0.10%	0.005%
138	12.699	12.621	12.745	VV	1936	51083	0.41%	0.021%
139	12.806	12.745	12.825	VV	488	10393	0.08%	0.004%
140	12.865	12.825	12.895	VV	539520	6461899	52.00%	2.679%
141	12.927	12.895	13.085	VV	549116	6523274	52.50%	2.705%

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142	13.112	13.085	13.191	VV	5794	91991	0.74%	0.038%
143	13.227	13.191	13.266	VV	525844	6274831	50.18%	2.534%
144	13.309	13.266	13.406	VV	314787	4018464	32.00%	1.615%
145	13.418	13.406	13.441	VV	934	16159	0.00%	0.000%
146	13.478	13.441	13.518	VV	499115	6168286	49.18%	2.534%
147	13.527	13.518	13.639	VV	1476	40680	0.00%	0.000%
148	13.649	13.639	13.659	VV	220	2326	0.02%	0.001%
149	13.669	13.659	13.678	VV	236	2244	0.02%	0.001%
150	13.695	13.678	13.721	VV	290	5941	0.05%	0.002%
151	13.732	13.721	13.799	VV	198	7097	0.06%	0.003%
152	13.827	13.799	13.836	VV	360	5413	0.04%	0.002%
153	13.854	13.836	13.878	VV	708	10739	0.09%	0.004%
154	13.904	13.878	13.946	VV	948	18464	0.15%	0.008%
155	13.973	13.946	13.988	VV	248	4567	0.04%	0.002%
156	14.016	13.988	14.030	VV	2150	27122	0.22%	0.011%
157	14.066	14.030	14.217	VV	486905	6110534	49.18%	2.534%
158	14.238	14.217	14.334	VV	706	15037	0.12%	0.006%
159	14.345	14.334	14.370	VV	121	1351	0.01%	0.001%
160	14.474	14.370	14.484	PV	830	15409	0.12%	0.006%
161	14.500	14.484	14.525	VV	1064	17337	0.14%	0.007%
162	14.538	14.525	14.551	VV	240	3311	0.03%	0.001%
163	14.573	14.551	14.601	VV	320	6510	0.05%	0.003%
164	14.628	14.601	14.649	VV	841	12192	0.10%	0.005%
165	14.686	14.649	14.718	VV	644	14794	0.12%	0.006%
166	14.732	14.718	14.755	VV	184	3510	0.03%	0.001%
167	14.766	14.755	14.782	VV	162	2113	0.02%	0.001%
168	14.798	14.782	14.822	VV	169	2079	0.02%	0.001%
169	14.833	14.822	14.838	VV	113	735	0.01%	0.000%
170	14.868	14.838	14.935	VV	293	9201	0.07%	0.004%
171	15.031	14.935	15.069	PV	321	12474	0.10%	0.005%
172	15.116	15.069	15.136	VV	471566	6088275	49.00%	2.524%
173	15.163	15.136	15.339	VV	711698	12425757	100.00%	5.152%
174	15.361	15.339	15.488	VV	1304	76112	0.61%	0.032%
175	15.495	15.488	15.518	VV	474	7871	0.06%	0.003%
176	15.562	15.518	15.667	VV	11617	344867	2.78%	0.143%
177	15.690	15.667	15.725	VV	2197	44378	0.36%	0.018%
178	15.757	15.725	15.861	VV	6924	115361	0.93%	0.048%
179	15.869	15.861	15.891	VV	133	1998	0.02%	0.001%
180	15.905	15.891	15.915	VV	105	776	0.01%	0.000%
181	15.949	15.915	15.975	PV	177	3464	0.03%	0.001%
182	16.037	15.975	16.068	VV	668	13736	0.11%	0.006%
183	16.090	16.068	16.131	VV	477	12124	0.10%	0.005%
184	16.197	16.131	16.241	VV	446428	5852334	47.10%	2.427%
185	16.258	16.241	16.319	VV	738	15496	0.12%	0.006%
186	16.324	16.319	16.337	VV	93	617	0.00%	0.000%
187	16.357	16.337	16.391	PV	340	5016	0.04%	0.002%
188	16.405	16.391	16.417	VV	132	1451	0.01%	0.001%
189	16.485	16.417	16.528	VV	1168	22018	0.18%	0.009%
190	16.538	16.528	16.551	VV	169	1598	0.01%	0.001%
191	16.588	16.551	16.628	PV	1960	49647	0.40%	0.021%
192	16.684	16.628	16.699	VV	425708	6157420	49.55%	2.553%
193	16.717	16.699	16.915	VV	515925	6789528	54.64%	2.815%
194	16.937	16.915	16.991	VV	3048	62841	0.51%	0.026%

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195	17.067	16.991	17.112	VV	448051	6075077	48.89%	2.519%
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196	17.148	17.112	17.208	VV	420081	6037060	48.89%	2.519%
197	17.221	17.208	17.358	VV	3574	109868	0.03%	0.002%
198	17.383	17.358	17.418	VV	455	12362	0.03%	0.002%
199	17.478	17.418	17.495	VV	276	6619	0.03%	0.002%
200	17.533	17.495	17.568	VV	1166	34309	0.03%	0.002%
201	17.596	17.568	17.635	VV	3389	57988	0.47%	0.024%
202	17.680	17.635	17.758	VV	588	19505	0.16%	0.008%
203	17.827	17.758	17.845	VV	204	3712	0.03%	0.002%
204	17.927	17.845	17.958	PV	4628	65169	0.52%	0.027%
205	18.039	17.958	18.104	VV	413327	5809168	46.75%	2.409%
206	18.127	18.104	18.157	VV	1889	35684	0.29%	0.015%
207	18.172	18.157	18.191	VV	715	11234	0.09%	0.005%
208	18.203	18.191	18.217	VV	356	4162	0.03%	0.002%
209	18.264	18.217	18.291	VV	748	15872	0.13%	0.007%
210	18.358	18.291	18.379	PV	1483	20101	0.16%	0.008%
211	18.451	18.379	18.466	VV	429709	6595793	53.08%	2.735%
212	18.485	18.466	18.660	VV	428815	7270721	58.51%	3.015%
213	18.709	18.660	18.828	VV	430556	7019244	56.49%	2.910%
214	18.871	18.828	18.947	VV	392277	5839083	46.99%	2.421%
215	18.968	18.947	18.999	VV	2534	60045	0.48%	0.025%
216	19.021	18.999	19.036	VV	1292	26548	0.21%	0.011%
217	19.058	19.036	19.088	VV	1994	32114	0.26%	0.013%
218	19.135	19.088	19.154	PV	377	7463	0.06%	0.003%
219	19.182	19.154	19.201	VV	419	5603	0.05%	0.002%
220	19.266	19.201	19.321	PV	5174	187720	1.51%	0.078%
221	19.364	19.321	19.376	VV	673	22979	0.18%	0.010%
222	19.392	19.376	19.422	VV	530	10008	0.08%	0.004%
223	19.429	19.422	19.434	VV	143	882	0.01%	0.000%
224	19.464	19.434	19.481	VV	440	6102	0.05%	0.003%
225	19.510	19.481	19.530	PV	345	6451	0.05%	0.003%
226	19.565	19.530	19.582	VV	429	5939	0.05%	0.002%
227	19.656	19.582	19.795	PV	374566	5830906	46.93%	2.418%
228	19.819	19.795	19.871	VV	1261	42888	0.35%	0.018%
229	19.944	19.871	19.960	VV	922	40362	0.32%	0.017%
230	20.009	19.960	20.047	VV	3560	111367	0.90%	0.046%
231	20.067	20.047	20.088	VV	1765	38934	0.31%	0.016%
232	20.328	20.088	20.347	VV	4093	326555	2.63%	0.135%
233	20.397	20.347	20.494	VV	356449	5894679	47.44%	2.444%
234	20.540	20.494	20.581	VV	8031	334819	2.69%	0.139%
235	20.754	20.581	20.775	VV	8224	750762	6.04%	0.311%
236	21.131	20.775	21.318	VV	290083	8249175	66.39%	3.420%
237	21.372	21.318	21.388	VV	7599	321313	2.59%	0.133%
238	21.552	21.388	21.588	VV	7091	823767	6.63%	0.3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/09/2025

Aliphatic EPH 041725.M Thu May 08 02:47:18 2025 rteres

Instrument :
FID_E
ClientSampleId :
MH-LLMS

Manual IntegrationsAPPROVED

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