

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
 Data File : FE054617.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2025 17:25
 Sample : Q2429-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-4-EPH

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	2.831	2.804	2.871	BV	284	5292	0.11%	0.023%
2	2.883	2.871	2.900	VV	479	4666	0.10%	0.020%
3	2.915	2.900	2.960	VV	761	8915	0.18%	0.038%
4	2.970	2.960	2.992	VV	225	2579	0.05%	0.011%
5	3.007	2.992	3.021	PV	131	1702	0.03%	0.007%
6	3.041	3.021	3.084	VV	420	8448	0.17%	0.036%
7	3.121	3.084	3.152	VV	628	15090	0.31%	0.065%
8	3.168	3.152	3.228	VV	461	9134	0.19%	0.039%
9	3.254	3.228	3.329	VV	5069	80230	1.64%	0.346%
10	3.351	3.329	3.378	VV	772	15816	0.32%	0.068%
11	3.398	3.378	3.468	VV	2983	43538	0.89%	0.188%
12	3.480	3.468	3.524	VV	343	6975	0.14%	0.030%
13	3.560	3.524	3.573	VV	715	12973	0.27%	0.056%
14	3.596	3.573	3.693	VV	63826	619548	12.67%	2.672%
15	3.712	3.693	3.721	VV	367	4749	0.10%	0.020%
16	3.729	3.721	3.764	VV	416	8952	0.18%	0.039%
17	3.773	3.764	3.787	VV	528	5651	0.12%	0.024%
18	3.808	3.787	3.837	VV	6404	77357	1.58%	0.334%
19	3.853	3.837	3.864	VV	3513	38042	0.78%	0.164%
20	3.884	3.864	3.951	VV	51644	485704	9.93%	2.095%
21	4.001	3.951	4.057	VV	48658	438554	8.97%	1.892%
22	4.087	4.057	4.166	VV	213256	1960348	40.09%	8.456%
23	4.189	4.166	4.202	VV	773	13781	0.28%	0.059%

24	4.214	4.202	4.234	VV	762	11272	0.23%	0.049%
25	4.252	4.234	4.306	VV	509	13733	0.28%	0.059%
26	4.323	4.306	4.366	VV	363	7658	0.16%	0.033%
27	4.397	4.366	4.418	VV	15733	187517	3.84%	0.809%
28	4.434	4.418	4.464	VV	11842	115987	2.37%	0.500%
29	4.475	4.464	4.496	VV	299	4578	0.09%	0.020%
30	4.532	4.496	4.549	VV	5320	52774	1.08%	0.228%
31	4.558	4.549	4.656	VV	1243	22607	0.46%	0.098%
32	4.673	4.656	4.700	VV	545	9268	0.19%	0.040%
33	4.743	4.700	4.778	VV	956	19979	0.41%	0.086%
34	4.794	4.778	4.844	VV	974	12734	0.26%	0.055%
35	4.859	4.844	4.875	VV	294	2858	0.06%	0.012%
36	4.895	4.875	4.936	PV	195	3095	0.06%	0.013%
37	4.955	4.936	5.028	VV	683	10343	0.21%	0.045%
38	5.043	5.028	5.078	VV	137	3082	0.06%	0.013%
39	5.096	5.078	5.114	VV	166	2818	0.06%	0.012%
40	5.142	5.114	5.257	VV	379	10330	0.21%	0.045%
41	5.299	5.257	5.337	PV	573	11304	0.23%	0.049%
42	5.348	5.337	5.404	VV	274	6887	0.14%	0.030%
43	5.416	5.404	5.471	VV	184	3451	0.07%	0.015%
44	5.497	5.471	5.542	VV	177	4202	0.09%	0.018%
45	5.568	5.542	5.606	VV	1378	19660	0.40%	0.085%
46	5.625	5.606	5.644	VV	628	8914	0.18%	0.038%
47	5.653	5.644	5.696	VV	325	5376	0.11%	0.023%
48	5.733	5.696	5.754	VV	153	2583	0.05%	0.011%
49	5.787	5.754	5.830	PV	392	8129	0.17%	0.035%
50	5.843	5.830	5.851	VV	121	1190	0.02%	0.005%
51	5.867	5.851	5.896	VV	935	12139	0.25%	0.052%
52	5.942	5.896	5.961	VV	308	7814	0.16%	0.034%
53	5.990	5.961	6.038	VV	355	8408	0.17%	0.036%
54	6.070	6.038	6.095	VV	288	7091	0.15%	0.031%
55	6.110	6.095	6.188	VV	257	8859	0.18%	0.038%
56	6.198	6.188	6.228	VV	200	3429	0.07%	0.015%
57	6.233	6.228	6.243	VV	182	1522	0.03%	0.007%
58	6.255	6.243	6.281	VV	277	4453	0.09%	0.019%
59	6.289	6.281	6.295	VV	191	1270	0.03%	0.005%
60	6.330	6.295	6.359	VV	293	9158	0.19%	0.039%
61	6.385	6.359	6.421	VV	1437	22529	0.46%	0.097%
62	6.439	6.421	6.468	VV	461	10231	0.21%	0.044%

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63	6.502	6.468	6.538	VV	491	16677	0.34%	0.072%
64	6.555	6.538	6.611	VV	557	15878	0.32%	0.068%
65	6.618	6.611	6.669	VV	315	9181	0.19%	0.040%
66	6.690	6.669	6.751	VV	529	13925	0.28%	0.060%
67	6.760	6.751	6.791	VV	198	2724	0.06%	0.012%
68	6.845	6.791	6.918	VV	284	10090	0.21%	0.044%
69	6.935	6.918	6.973	VV	1030	12676	0.26%	0.055%
70	6.991	6.973	7.002	VV	167	1194	0.02%	0.005%
71	7.007	7.002	7.031	VV	60	662	0.01%	0.003%
72	7.065	7.031	7.084	PV	130	2023	0.04%	0.009%
73	7.108	7.084	7.118	VV	189	2822	0.06%	0.012%
74	7.132	7.118	7.198	VV	211	5642	0.12%	0.024%
75	7.402	7.198	7.464	PV	813	56062	1.15%	0.242%
76	7.483	7.464	7.502	VV	478	8581	0.18%	0.037%
77	7.542	7.502	7.634	VV	336	20058	0.41%	0.087%
78	7.664	7.634	7.682	VV	249	5244	0.11%	0.023%
79	7.708	7.682	7.727	VV	186	3176	0.06%	0.014%
80	7.747	7.727	7.784	VV	269	5189	0.11%	0.022%
81	7.794	7.784	7.821	VV	205	2584	0.05%	0.011%
82	7.875	7.821	7.916	VV	132	4436	0.09%	0.019%
83	7.956	7.916	7.993	VV	273	7697	0.16%	0.033%
84	8.017	7.993	8.041	VV	621	10062	0.21%	0.043%
85	8.206	8.190	8.243	VV	540	13295	0.27%	0.057%
86	8.257	8.243	8.288	VV	814	10799	0.22%	0.047%
87	8.309	8.288	8.321	VV	189	2941	0.06%	0.013%
88	8.324	8.321	8.335	VV	187	1114	0.02%	0.005%
89	8.346	8.335	8.425	VV	195	6251	0.13%	0.027%
90	8.434	8.425	8.471	VV	184	3573	0.07%	0.015%
91	8.490	8.471	8.510	VV	253	3447	0.07%	0.015%
92	8.581	8.510	8.621	VV	293	14119	0.29%	0.061%
93	8.681	8.621	8.748	VV	1380	43105	0.88%	0.186%
94	8.816	8.748	8.884	VV	1846	55361	1.13%	0.239%
95	8.910	8.884	8.951	VV	304	9538	0.20%	0.041%
96	9.112	9.101	9.131	VV	224	3082	0.06%	0.013%
97	9.154	9.131	9.250	VV	577	15217	0.31%	0.066%
98	9.301	9.250	9.377	VV	303	9697	0.20%	0.042%
99	9.411	9.377	9.481	VV	887	24367	0.50%	0.105%
100	9.550	9.481	9.671	VV	1756	49369	1.01%	0.213%
101	9.699	9.671	9.788	VV	396	15260	0.31%	0.066%

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102	9.797	9.788	9.816	VV	133	2314	0.05%	0.010%
103	9.839	9.816	9.855	VV	227	4062	0.08%	0.018%
104	9.891	9.855	9.924	VV	341	8903	0.18%	0.038%
105	9.965	9.924	10.008	VV	339	11533	0.24%	0.050%
106	10.041	10.008	10.104	VV	610	19833	0.41%	0.086%
107	10.160	10.104	10.208	VV	28942	307594	6.29%	1.327%
108	10.225	10.208	10.271	VV	422	10649	0.22%	0.046%
109	10.294	10.271	10.378	VV	455	16865	0.34%	0.073%
110	10.393	10.378	10.448	VV	238	7389	0.15%	0.032%
111	10.470	10.448	10.515	VV	277	6265	0.13%	0.027%
112	10.637	10.515	10.662	PV	1504	23663	0.48%	0.102%
113	10.731	10.662	10.753	VV	319	11708	0.24%	0.050%
114	10.768	10.753	10.797	VV	223	3856	0.08%	0.017%
115	10.849	10.797	10.891	PV	1471	26413	0.54%	0.114%
116	10.987	10.891	11.011	VV	603	21121	0.43%	0.091%
117	11.025	11.011	11.081	VV	503	9656	0.20%	0.042%
118	11.132	11.081	11.198	VV	376	11550	0.24%	0.050%
119	11.217	11.198	11.250	VV	118	2910	0.06%	0.013%
120	11.286	11.250	11.339	VV	526	16063	0.33%	0.069%
121	11.354	11.339	11.378	VV	211	4065	0.08%	0.018%
122	11.405	11.378	11.517	VV	1280	27973	0.57%	0.121%
123	11.563	11.517	11.638	VV	186	6719	0.14%	0.029%
124	11.669	11.638	11.690	VV	622	9096	0.19%	0.039%
125	11.737	11.690	11.798	VV	413	12984	0.27%	0.056%
126	11.825	11.798	11.872	VV	296	7365	0.15%	0.032%
127	11.900	11.872	11.960	VV	278	7060	0.14%	0.030%
128	12.064	11.960	12.112	PV	452151	4889539	100.00%	21.090%
129	12.155	12.112	12.178	VV	526	10746	0.22%	0.046%
130	12.193	12.178	12.208	VV	403	5180	0.11%	0.022%
131	12.228	12.208	12.258	VV	480	8215	0.17%	0.035%
132	12.286	12.258	12.322	VV	175	4536	0.09%	0.020%
133	12.398	12.322	12.431	PV	487	14152	0.29%	0.061%
134	12.459	12.431	12.484	VV	474	10221	0.21%	0.044%
135	12.528	12.484	12.584	VV	751	21538	0.44%	0.093%
136	12.657	12.584	12.831	VV	16264	341796	6.99%	1.474%
137	12.857	12.831	12.944	VV	843	38300	0.78%	0.165%
138	12.987	12.944	13.024	VV	700	23119	0.47%	0.100%
139	13.131	13.024	13.238	VV	1217	65669	1.34%	0.283%
140	13.272	13.238	13.290	VV	206	4885	0.10%	0.021%

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141	13.307	13.290	13.335	VV	220	3853	0.08%	0.017%
142	13.354	13.335	13.383	VV	318	4057	0.08%	0.018%
143	13.411	13.383	13.430	VV	725	9523	0.19%	0.041%
144	13.498	13.430	13.581	VV	325957	3864333	79.03%	16.668%
145	13.606	13.581	13.635	VV	284	5970	0.12%	0.026%
146	13.672	13.635	13.758	VV	840	21922	0.45%	0.095%
147	13.907	13.758	14.028	VV	2538	146448	3.00%	0.632%
148	14.052	14.028	14.091	VV	951	25695	0.53%	0.111%
149	14.117	14.091	14.157	VV	579	18700	0.38%	0.081%
150	14.200	14.157	14.227	VV	886	21259	0.43%	0.092%
151	14.250	14.227	14.308	VV	914	21060	0.43%	0.091%
152	14.320	14.308	14.394	VV	220	9388	0.19%	0.040%
153	14.423	14.394	14.448	VV	324	6872	0.14%	0.030%
154	14.484	14.448	14.511	VV	559	11769	0.24%	0.051%
155	14.536	14.511	14.558	VV	232	4932	0.10%	0.021%
156	14.592	14.558	14.608	VV	257	5993	0.12%	0.026%
157	14.641	14.608	14.664	VV	827	14524	0.30%	0.063%
158	14.688	14.664	14.788	VV	948	25290	0.52%	0.109%
159	14.814	14.788	14.866	VV	1246	23563	0.48%	0.102%
160	14.887	14.866	14.911	VV	557	9177	0.19%	0.040%
161	14.942	14.911	15.018	VV	683	17775	0.36%	0.077%
162	15.051	15.018	15.121	PV	345	7262	0.15%	0.031%
163	15.152	15.121	15.178	VV	187	3954	0.08%	0.017%
164	15.195	15.178	15.234	VV	437	5596	0.11%	0.024%
165	15.354	15.234	15.378	VV	2180	49715	1.02%	0.214%
166	15.399	15.378	15.444	VV	1680	24761	0.51%	0.107%
167	15.453	15.444	15.480	VV	305	3292	0.07%	0.014%
168	15.499	15.480	15.518	PV	146	1875	0.04%	0.008%
169	15.544	15.518	15.590	VV	239	4810	0.10%	0.021%
170	15.619	15.590	15.661	PV	170	4001	0.08%	0.017%
171	15.731	15.661	15.821	PV	14192	207895	4.25%	0.897%
172	15.877	15.821	15.920	VV	2882	57984	1.19%	0.250%
173	15.958	15.920	15.994	VV	846	18095	0.37%	0.078%
174	16.008	15.994	16.040	VV	196	3606	0.07%	0.016%
175	16.109	16.040	16.134	VV	299	7674	0.16%	0.033%
176	16.149	16.134	16.181	VV	327	6250	0.13%	0.027%
177	16.248	16.181	16.288	VV	639	13440	0.27%	0.058%
178	16.377	16.288	16.418	PV	3359	49154	1.01%	0.212%
179	16.439	16.418	16.478	VV	497	6634	0.14%	0.029%
180	16.555	16.478	16.621	VV	326	12929	0.26%	0.056%

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181	16.745	16.621	16.791	PV	2331	57140	1.17%	0.246%
182	16.861	16.791	16.914	VV	5192	86566	1.77%	0.373%
183	16.943	16.914	16.991	VV	1140	23941	0.49%	0.103%
184	17.012	16.991	17.044	VV	353	8495	0.17%	0.037%
185	17.106	17.044	17.144	VV	683	23102	0.47%	0.100%
186	17.171	17.144	17.193	VV	647	15298	0.31%	0.066%
187	17.228	17.193	17.248	VV	1025	23619	0.48%	0.102%
188	17.328	17.248	17.359	VV	10368	182670	3.74%	0.788%
189	17.403	17.359	17.558	VV	2189	119447	2.44%	0.515%
190	17.597	17.558	17.644	VV	574	24058	0.49%	0.104%
191	17.689	17.644	17.744	VV	1799	42002	0.86%	0.181%
192	17.780	17.744	17.837	VV	16801	238802	4.88%	1.030%
193	17.865	17.837	17.924	VV	870	25644	0.52%	0.111%
194	17.947	17.924	17.998	VV	383	9775	0.20%	0.042%
195	18.007	17.998	18.028	VV	155	1084	0.02%	0.005%
196	18.060	18.028	18.103	PV	413	5824	0.12%	0.025%
197	18.217	18.103	18.276	VV	25348	392260	8.02%	1.692%
198	18.307	18.276	18.351	VV	2393	38077	0.78%	0.164%
199	18.380	18.351	18.428	VV	536	16076	0.33%	0.069%
200	18.493	18.428	18.518	VV	845	22924	0.47%	0.099%
201	18.572	18.518	18.608	VV	8539	148958	3.05%	0.642%
202	18.640	18.608	18.704	VV	30099	448735	9.18%	1.936%
203	18.742	18.704	18.804	VV	920	24072	0.49%	0.104%
204	18.905	18.804	18.931	PV	1700	41092	0.84%	0.177%
205	18.950	18.931	18.973	VV	775	13240	0.27%	0.057%
206	19.051	18.973	19.120	VV	33234	527057	10.78%	2.273%
207	19.153	19.120	19.191	VV	1964	41611	0.85%	0.179%
208	19.215	19.191	19.240	VV	608	14820	0.30%	0.064%
209	19.307	19.240	19.332	VV	1905	46734	0.96%	0.202%
210	19.352	19.332	19.370	VV	1305	20147	0.41%	0.087%
211	19.403	19.370	19.420	VV	6431	105941	2.17%	0.457%
212	19.448	19.420	19.516	VV	30147	503456	10.30%	2.172%
213	19.540	19.516	19.574	VV	811	23312	0.48%	0.101%
214	19.646	19.574	19.662	VV	988	35331	0.72%	0.152%
215	19.696	19.662	19.721	VV	2863	57285	1.17%	0.247%
216	19.743	19.721	19.784	VV	2004	48176	0.99%	0.208%
217	19.834	19.784	19.920	VV	30543	544510	11.14%	2.349%
218	19.940	19.920	19.968	VV	1728	35580	0.73%	0.153%
219	20.016	19.968	20.044	VV	1655	56390	1.15%	0.243%

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220	20.075	20.044	20.097	VV	2715	60924	1.25%	0.263%
221	20.120	20.097	20.155	VV	2714	64067	1.31%	0.276%
222	20.209	20.155	20.334	VV	23772	496800	10.16%	2.143%
223	20.387	20.334	20.407	VV	2080	79502	1.63%	0.343%
224	20.441	20.407	20.471	VV	3841	106839	2.19%	0.461%
225	20.487	20.471	20.520	VV	3165	71915	1.47%	0.310%
226	20.575	20.520	20.618	VV	23889	447034	9.14%	1.928%
227	20.632	20.618	20.681	VV	3188	104180	2.13%	0.449%
228	20.740	20.681	20.774	VV	4280	166290	3.40%	0.717%
229	20.802	20.774	20.827	VV	3256	86941	1.78%	0.375%
230	20.848	20.827	20.883	VV	2990	79501	1.63%	0.343%
231	20.942	20.883	20.981	VV	14891	342083	7.00%	1.475%
232	21.008	20.981	21.081	VV	3786	178685	3.65%	0.771%
233	21.122	21.081	21.168	VV	2725	119605	2.45%	0.516%
234	21.193	21.168	21.224	VV	2356	72117	1.47%	0.311%
235	21.249	21.224	21.291	VV	2514	81072	1.66%	0.350%
236	21.346	21.291	21.434	VV	12202	331937	6.79%	1.432%
237	21.449	21.434	21.485	VV	1255	32306	0.66%	0.139%
238	21.554	21.485	21.584	VV	1267	66894	1.37%	0.289%
239	21.626	21.584	21.662	VV	1095	44875	0.92%	0.194%
240	21.696	21.662	21.761	VV	1303	50437	1.03%	0.218%
241	21.804	21.761	21.904	VV	5447	144230	2.95%	0.622%
242	21.940	21.904	21.964	VV	246	6561	0.13%	0.028%
243	22.045	21.964	22.080	VV	387	19209	0.39%	0.083%
244	22.122	22.080	22.174	VV	543	16031	0.33%	0.069%

Sum of corrected areas: 23184215

Instrument :

FID_E

ClientSampleId :

TP-4-EPH

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/30/2025

Supervised By :mohammad ahmed 06/30/2025

Aliphatic EPH 062725.M Sat Jun 28 02:35:27 2025