

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054410.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2025 17:47
 Sample : Q2311-07
 Misc :
 ALS Vial : 14 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	2.860	2.821	2.981	BV	82	2017	0.04%	0.006%
2	3.009	2.981	3.144	PV	1228	31160	0.61%	0.091%
3	3.166	3.144	3.231	VV	542	11383	0.22%	0.033%
4	3.241	3.231	3.260	VV	140	1292	0.03%	0.004%
5	3.292	3.260	3.344	PV	303	8588	0.17%	0.025%
6	3.363	3.344	3.448	VV	16194	180881	3.56%	0.529%
7	3.471	3.448	3.500	VV	271	6475	0.13%	0.019%
8	3.525	3.500	3.549	VV	508	7520	0.15%	0.022%
9	3.582	3.549	3.608	VV	607	10433	0.21%	0.031%
10	3.626	3.608	3.640	VV	771	9254	0.18%	0.027%
11	3.661	3.640	3.758	VV	10650	149350	2.94%	0.437%
12	3.781	3.758	3.833	VV	6724	100200	1.97%	0.293%
13	3.857	3.833	3.958	VV	37561	451161	8.87%	1.319%
14	3.969	3.958	3.986	VV	603	9149	0.18%	0.027%
15	4.003	3.986	4.049	VV	647	19288	0.38%	0.056%
16	4.057	4.049	4.088	VV	380	7524	0.15%	0.022%
17	4.094	4.088	4.138	VV	313	7427	0.15%	0.022%
18	4.176	4.138	4.197	VV	2098	36204	0.71%	0.106%
19	4.213	4.197	4.285	VV	1541	35973	0.71%	0.105%
20	4.309	4.285	4.360	VV	798	18498	0.36%	0.054%
21	4.377	4.360	4.421	VV	297	8564	0.17%	0.025%
22	4.437	4.421	4.485	VV	363	8835	0.17%	0.026%
23	4.492	4.485	4.512	VV	213	2468	0.05%	0.007%
24	4.524	4.512	4.538	VV	188	1813	0.04%	0.005%
25	4.552	4.538	4.603	VV	211	6023	0.12%	0.018%
26	4.616	4.603	4.668	VV	315	6162	0.12%	0.018%
27	4.681	4.668	4.714	VV	137	2908	0.06%	0.009%
28	4.741	4.714	4.774	VV	188	4442	0.09%	0.013%
29	4.790	4.774	4.847	VV	134	3443	0.07%	0.010%
30	4.859	4.847	4.927	VV	103	3465	0.07%	0.010%
31	4.944	4.927	4.988	VV	169	2755	0.05%	0.008%
32	4.998	4.988	5.014	VV	85	851	0.02%	0.002%
33	5.043	5.014	5.099	VV	170	3601	0.07%	0.011%
34	5.121	5.099	5.132	VV	149	1687	0.03%	0.005%
35	5.144	5.132	5.162	VV	133	1449	0.03%	0.004%
36	5.185	5.162	5.204	VV	108	1843	0.04%	0.005%

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37	5.212	5.204	5.244	VV	84	1290	0.03%	0.004%
38	5.265	5.244	5.384	VV	89	2184	0.04%	0.006%
39	5.406	5.384	5.418	VV	91	1242	0.02%	0.004%
40	5.426	5.418	5.438	VV	154	1275	0.03%	0.004%
41	5.444	5.438	5.512	VV	90	3351	0.07%	0.010%
42	5.526	5.512	5.541	VV	75	893	0.02%	0.003%
43	5.554	5.541	5.563	PV	85	713	0.01%	0.002%
44	5.585	5.563	5.644	VV	278	6332	0.12%	0.019%
45	5.652	5.644	5.664	VV	58	653	0.01%	0.002%
46	5.670	5.664	5.683	VV	69	336	0.01%	0.001%
47	5.702	5.683	5.724	VV	91	1204	0.02%	0.004%
48	5.766	5.724	5.827	VV	171	6455	0.13%	0.019%
49	5.836	5.827	5.864	VV	187	2442	0.05%	0.007%
50	5.878	5.864	5.928	VV	176	4567	0.09%	0.013%
51	5.971	5.928	6.018	VV	157	5187	0.10%	0.015%
52	6.052	6.018	6.109	PV	140	3767	0.07%	0.011%
53	6.118	6.109	6.148	PV	74	911	0.02%	0.003%
54	6.189	6.148	6.302	VV	434	21076	0.41%	0.062%
55	6.329	6.302	6.371	VV	326	6523	0.13%	0.019%
56	6.390	6.371	6.424	VV	126	3058	0.06%	0.009%
57	6.431	6.424	6.464	VV	118	1382	0.03%	0.004%
58	6.472	6.464	6.488	VV	105	830	0.02%	0.002%
59	6.516	6.488	6.568	VV	162	5195	0.10%	0.015%
60	6.622	6.568	6.756	VV	278	11008	0.22%	0.032%
61	6.771	6.756	6.832	VV	158	3363	0.07%	0.010%
62	6.857	6.832	6.882	VV	137	2086	0.04%	0.006%
63	6.908	6.882	6.929	VV	173	2668	0.05%	0.008%
64	6.946	6.929	6.973	VV	158	1875	0.04%	0.005%
65	6.982	6.973	6.994	VV	78	399	0.01%	0.001%
66	7.019	6.994	7.036	PV	125	1781	0.04%	0.005%
67	7.041	7.036	7.060	VV	107	956	0.02%	0.003%
68	7.068	7.060	7.118	VV	92	1898	0.04%	0.006%
69	7.148	7.118	7.174	VV	108	2470	0.05%	0.007%
70	7.200	7.174	7.234	VV	226	5133	0.10%	0.015%
71	7.242	7.234	7.256	VV	194	1961	0.04%	0.006%
72	7.299	7.256	7.324	VV	382	12215	0.24%	0.036%
73	7.340	7.324	7.381	VV	519	10323	0.20%	0.030%
74	7.402	7.381	7.471	VV	890	22903	0.45%	0.067%
75	7.474	7.471	7.494	VV	296	3122	0.06%	0.009%
76	7.513	7.494	7.534	VV	327	5580	0.11%	0.016%
77	7.570	7.534	7.651	VV	729	17884	0.35%	0.052%
78	7.658	7.651	7.708	VV	126	2451	0.05%	0.007%
79	7.714	7.708	7.724	VV	68	591	0.01%	0.002%
80	7.742	7.724	7.772	VV	222	3265	0.06%	0.010%
81	7.795	7.772	7.813	VV	99	1338	0.03%	0.004%
82	8.176	8.157	8.190	VV	1234	22690	0.45%	0.066%
83	8.204	8.190	8.250	VV	1086	30013	0.59%	0.088%
84	8.272	8.250	8.344	VV	1166	44549	0.88%	0.130%
85	8.381	8.344	8.399	VV	1665	34205	0.67%	0.100%
86	8.412	8.399	8.433	VV	1148	20255	0.40%	0.059%
87	8.453	8.433	8.514	VV	1739	41071	0.81%	0.120%
88	8.569	8.514	8.632	VV	1489	54983	1.08%	0.161%
89	8.657	8.632	8.715	VV	517	14673	0.29%	0.043%

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90	8.856	8.846	8.981	VV	8999	359496	7.07%	1.051%
91	8.992	8.981	9.087	VV	2550	95421	1.88%	0.279%
92	9.109	9.087	9.129	VV	1186	26134	0.51%	0.076%
93	9.188	9.129	9.256	VV	2231	97003	1.91%	0.284%
94	9.283	9.256	9.308	VV	2765	47255	0.93%	0.138%
95	9.317	9.308	9.349	VV	937	18335	0.36%	0.054%
96	9.361	9.349	9.392	VV	538	9965	0.20%	0.029%
97	9.433	9.392	9.458	VV	692	14590	0.29%	0.043%
98	9.476	9.458	9.500	VV	551	9540	0.19%	0.028%
99	9.517	9.500	9.537	VV	260	4844	0.10%	0.014%
100	9.573	9.537	9.599	VV	485	11504	0.23%	0.034%
101	9.614	9.599	9.630	VV	199	3055	0.06%	0.009%
102	9.669	9.630	9.715	VV	1652	43084	0.85%	0.126%
103	9.735	9.715	9.767	VV	940	20173	0.40%	0.059%
104	9.811	9.767	9.834	VV	778	25586	0.50%	0.075%
105	9.840	9.834	9.881	VV	704	13175	0.26%	0.039%
106	9.894	9.881	9.920	VV	508	7655	0.15%	0.022%
107	9.950	9.920	10.042	VV	8817	283059	5.57%	0.828%
108	10.064	10.042	10.210	VV	4459	135876	2.67%	0.397%
109	10.236	10.210	10.318	VV	514	17518	0.34%	0.051%
110	10.335	10.318	10.372	VV	232	3298	0.06%	0.010%
111	10.410	10.372	10.427	PV	684	11265	0.22%	0.033%
112	10.453	10.427	10.481	VV	1459	25345	0.50%	0.074%
113	10.507	10.481	10.524	VV	636	11608	0.23%	0.034%
114	10.544	10.524	10.571	VV	807	16022	0.32%	0.047%
115	10.596	10.571	10.626	VV	1000	17231	0.34%	0.050%
116	10.663	10.626	10.696	VV	747	18313	0.36%	0.054%
117	10.720	10.696	10.746	VV	877	21229	0.42%	0.062%
118	10.805	10.746	10.847	VV	4199	96413	1.90%	0.282%
119	10.878	10.847	10.957	VV	2927	93179	1.83%	0.272%
120	10.974	10.957	11.009	VV	426	11621	0.23%	0.034%
121	11.068	11.009	11.128	VV	29587	561231	11.03%	1.641%
122	11.151	11.128	11.301	VV	7687	267134	5.25%	0.781%
123	11.313	11.301	11.350	VV	662	9259	0.18%	0.027%
124	11.439	11.350	11.484	VV	1354	55650	1.09%	0.163%
125	11.510	11.484	11.564	VV	4131	59234	1.16%	0.173%
126	11.600	11.564	11.632	VV	2310	39466	0.78%	0.115%
127	11.666	11.632	11.686	VV	600	12090	0.24%	0.035%
128	11.705	11.686	11.774	VV	594	14812	0.29%	0.043%
129	11.825	11.774	11.860	VV	452829	5086089	100.00%	14.871%
130	11.875	11.860	11.892	VV	5270	80119	1.58%	0.234%
131	11.909	11.892	11.960	VV	5357	132429	2.60%	0.387%
132	11.986	11.960	12.008	VV	5804	101526	2.00%	0.297%
133	12.021	12.008	12.037	VV	3404	48990	0.96%	0.143%
134	12.055	12.037	12.104	VV	3719	79034	1.55%	0.231%
135	12.115	12.104	12.134	VV	571	7100	0.14%	0.021%
136	12.181	12.134	12.214	VV	3604	56059	1.10%	0.164%
137	12.236	12.214	12.254	VV	459	8787	0.17%	0.026%
138	12.283	12.254	12.325	VV	1136	31051	0.61%	0.091%
139	12.357	12.325	12.444	VV	1697	52954	1.04%	0.155%
140	12.457	12.444	12.471	VV	323	3622	0.07%	0.011%
141	12.492	12.471	12.512	VV	370	5798	0.11%	0.017%

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142	12.529	12.512	12.543	VV	280	3706	0.07%	0.011%
143	12.562	12.543	12.580	VV	292	4770	0.09%	0.014%
144	12.599	12.580	12.648	VV	699	19637	0.39%	0.057%
145	12.668	12.648	12.728	VV	933	21328	0.42%	0.062%
146	12.771	12.728	12.793	PV	3843	82110	1.61%	0.240%
147	12.822	12.793	12.864	VV	4414	89994	1.77%	0.263%
148	12.889	12.864	12.975	VV	63991	922693	18.14%	2.698%
149	12.983	12.975	13.016	VV	843	16041	0.32%	0.047%
150	13.048	13.016	13.060	VV	1030	19182	0.38%	0.056%
151	13.082	13.060	13.131	VV	2382	53049	1.04%	0.155%
152	13.148	13.131	13.160	VV	1090	14830	0.29%	0.043%
153	13.188	13.160	13.230	VV	50499	711764	13.99%	2.081%
154	13.270	13.230	13.353	VV	323593	4158345	81.76%	12.158%
155	13.372	13.353	13.410	VV	2377	57890	1.14%	0.169%
156	13.436	13.410	13.456	VV	3683	61734	1.21%	0.180%
157	13.477	13.456	13.510	VV	2959	68479	1.35%	0.200%
158	13.523	13.510	13.557	VV	1320	23646	0.46%	0.069%
159	13.602	13.557	13.631	VV	1369	37320	0.73%	0.109%
160	13.658	13.631	13.731	VV	3189	72460	1.42%	0.212%
161	13.792	13.731	13.834	PV	4236	118282	2.33%	0.346%
162	13.851	13.834	13.878	VV	1152	21740	0.43%	0.064%
163	13.901	13.878	13.915	VV	1974	31075	0.61%	0.091%
164	13.936	13.915	13.995	VV	3650	94462	1.86%	0.276%
165	14.024	13.995	14.042	VV	3370	58411	1.15%	0.171%
166	14.062	14.042	14.088	VV	3559	66740	1.31%	0.195%
167	14.107	14.088	14.155	VV	2475	52406	1.03%	0.153%
168	14.168	14.155	14.201	VV	567	10721	0.21%	0.031%
169	14.233	14.201	14.279	VV	884	27674	0.54%	0.081%
170	14.297	14.279	14.311	VV	458	7828	0.15%	0.023%
171	14.317	14.311	14.351	VV	490	5683	0.11%	0.017%
172	14.382	14.351	14.418	PV	555	10741	0.21%	0.031%
173	14.461	14.418	14.474	VV	1410	28647	0.56%	0.084%
174	14.497	14.474	14.505	VV	1077	18934	0.37%	0.055%
175	14.524	14.505	14.533	VV	1448	20635	0.41%	0.060%
176	14.555	14.533	14.570	VV	3067	51743	1.02%	0.151%
177	14.585	14.570	14.612	VV	3287	55209	1.09%	0.161%
178	14.628	14.612	14.685	VV	1134	28976	0.57%	0.085%
179	14.715	14.685	14.741	VV	3706	71199	1.40%	0.208%
180	14.766	14.741	14.808	VV	5868	122224	2.40%	0.357%
181	14.831	14.808	14.849	VV	2373	42055	0.83%	0.123%
182	14.874	14.849	14.944	VV	3137	93710	1.84%	0.274%
183	14.964	14.944	15.024	VV	1409	30421	0.60%	0.089%
184	15.082	15.024	15.102	PV	23479	365506	7.19%	1.069%
185	15.123	15.102	15.213	VV	25695	552504	10.86%	1.615%
186	15.241	15.213	15.347	VV	3545	102204	2.01%	0.299%
187	15.434	15.347	15.491	PV	2607	87385	1.72%	0.255%
188	15.548	15.491	15.613	VV	5760	206107	4.05%	0.603%
189	15.643	15.613	15.690	VV	5061	123511	2.43%	0.361%
190	15.716	15.690	15.738	VV	2757	47455	0.93%	0.139%
191	15.762	15.738	15.786	VV	4852	82545	1.62%	0.241%
192	15.801	15.786	15.841	VV	2218	50209	0.99%	0.147%
193	15.862	15.841	15.881	VV	1113	20735	0.41%	0.061%
194	15.906	15.881	15.970	VV	2339	79723	1.57%	0.233%

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195	15.992	15.970	16.018	VV	986	19859	0.39%	0.058%
196	16.031	16.018	16.064	VV	567	10737	0.21%	0.031%
197	16.089	16.064	16.126	VV	1029	20816	0.41%	0.061%
198	16.152	16.126	16.174	VV	2517	38597	0.76%	0.113%
199	16.186	16.174	16.191	VV	1002	9419	0.19%	0.028%
200	16.199	16.191	16.247	VV	960	24034	0.47%	0.070%
201	16.260	16.247	16.311	VV	501	11178	0.22%	0.033%
202	16.353	16.311	16.383	VV	1035	27196	0.53%	0.080%
203	16.453	16.383	16.484	PV	2049	66512	1.31%	0.194%
204	16.570	16.484	16.586	VV	1561	64586	1.27%	0.189%
205	16.649	16.586	16.751	VV	29944	789698	15.53%	2.309%
206	16.785	16.751	16.878	VV	5491	144133	2.83%	0.421%
207	16.922	16.878	16.944	VV	3143	63326	1.25%	0.185%
208	16.973	16.944	17.010	VV	16585	286560	5.63%	0.838%
209	17.039	17.010	17.089	VV	18871	398600	7.84%	1.165%
210	17.101	17.089	17.120	VV	3861	65095	1.28%	0.190%
211	17.143	17.120	17.178	VV	6462	134279	2.64%	0.393%
212	17.180	17.178	17.233	VV	1915	35073	0.69%	0.103%
213	17.282	17.233	17.316	VV	2015	66612	1.31%	0.195%
214	17.334	17.316	17.360	VV	1693	28667	0.56%	0.084%
215	17.406	17.360	17.417	VV	1967	42313	0.83%	0.124%
216	17.429	17.417	17.467	VV	1891	36687	0.72%	0.107%
217	17.512	17.467	17.519	VV	1647	33050	0.65%	0.097%
218	17.554	17.519	17.601	VV	4039	105515	2.07%	0.309%
219	17.656	17.601	17.681	VV	1747	55729	1.10%	0.163%
220	17.717	17.681	17.796	VV	1729	68743	1.35%	0.201%
221	17.837	17.796	17.858	PV	679	14934	0.29%	0.044%
222	17.885	17.858	17.903	PV	1039	15762	0.31%	0.046%
223	17.955	17.903	17.967	VV	1536	34763	0.68%	0.102%
224	17.990	17.967	18.058	VV	3206	83345	1.64%	0.244%
225	18.125	18.058	18.172	VV	4505	130265	2.56%	0.381%
226	18.182	18.172	18.201	VV	1486	23160	0.46%	0.068%
227	18.220	18.201	18.246	VV	1780	37936	0.75%	0.111%
228	18.260	18.246	18.283	VV	1196	22607	0.44%	0.066%
229	18.332	18.283	18.383	VV	4813	167794	3.30%	0.491%
230	18.430	18.383	18.479	VV	11369	368075	7.24%	1.076%
231	18.492	18.479	18.544	VV	6247	132929	2.61%	0.389%
232	18.581	18.544	18.648	VV	2975	132353	2.60%	0.387%
233	18.685	18.648	18.774	VV	9252	263644	5.18%	0.771%
234	18.827	18.774	18.884	VV	3538	104077	2.05%	0.304%
235	18.920	18.884	18.943	VV	2780	46628	0.92%	0.136%
236	18.967	18.943	18.989	VV	2303	37011	0.73%	0.108%
237	18.997	18.989	19.050	VV	825	13808	0.27%	0.040%
238	19.096	19.050	19.109	PV	849	14074	0.28%	0.041%
239	19.128	19.109	19.151	VV	505	9376	0.18%	0.027%
240	19.225	19.151	19.235	VV	2852	86239	1.70%	0.252%
241	19.250	19.235	19.274	VV	2770	48472	0.95%	0.142%
242	19.315	19.274	19.339	VV	2092	51324	1.01%	0.150%
243	19.352	19.339	19.357	VV	984	9601	0.19%	0.028%
244	19.426	19.357	19.438	VV	1107	49790	0.98%	0.146%
245	19.478	19.438	19.501	VV	894	31874	0.63%	0.093%
246	19.619	19.501	19.662	VV	2754	137715	2.71%	0.403%

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247	19.723	19.662	19.751	VV	2849	99538	1.96%	0.291%
248	19.874	19.751	19.914	VV	4813	297005	5.84%	0.868%
249	19.958	19.914	19.970	VV	6523	186795	3.67%	0.546%
250	19.979	19.970	20.008	VV	6288	130582	2.57%	0.382%
251	20.019	20.008	20.056	VV	5568	145327	2.86%	0.425%
252	20.138	20.056	20.158	VV	5088	265951	5.23%	0.778%
253	20.198	20.158	20.207	VV	4688	132480	2.60%	0.387%
254	20.255	20.207	20.304	VV	7280	368140	7.24%	1.076%
255	20.355	20.304	20.373	VV	7961	298730	5.87%	0.873%
256	20.414	20.373	20.435	VV	8472	290485	5.71%	0.849%
257	20.451	20.435	20.460	VV	7375	109136	2.15%	0.319%
258	20.509	20.460	20.528	VV	8974	330407	6.50%	0.966%
259	20.551	20.528	20.569	VV	8832	210092	4.13%	0.614%
260	20.713	20.569	20.731	VV	10804	913708	17.96%	2.672%
261	20.742	20.731	20.770	VV	10433	238169	4.68%	0.696%
262	20.858	20.770	20.876	VV	10785	657924	12.94%	1.924%
263	20.898	20.876	20.909	VV	10628	211251	4.15%	0.618%
264	20.935	20.909	20.996	VV	10569	537788	10.57%	1.572%
265	21.083	20.996	21.108	VV	10009	650527	12.79%	1.902%
266	21.114	21.108	21.141	VV	9312	185287	3.64%	0.542%
267	21.166	21.141	21.194	VV	8980	279444	5.49%	0.817%
268	21.218	21.194	21.255	VV	8776	310862	6.11%	0.909%
269	21.267	21.255	21.280	VV	8188	121008	2.38%	0.354%
270	21.387	21.280	21.431	VV	8043	716174	14.08%	2.094%
271	21.450	21.431	21.460	VV	7618	133075	2.62%	0.389%
272	21.501	21.460	21.546	VV	7846	383175	7.53%	1.120%
273	21.568	21.546	21.591	VV	6907	182931	3.60%	0.535%
274	21.617	21.591	21.651	VV	6348	223498	4.39%	0.653%
275	21.661	21.651	21.669	VV	5869	64623	1.27%	0.189%
276	21.773	21.669	21.804	VV	5955	469289	9.23%	1.372%
277	21.837	21.804	21.858	VV	5533	174936	3.44%	0.511%
278	21.883	21.858	21.910	VV	5466	167186	3.29%	0.489%
279	21.955	21.910	22.072	VV	5358	427998	8.42%	1.251%
280	22.098	22.072	22.117	VV	3386	86620	1.70%	0.253%
281	22.156	22.117	22.168	VV	2948	86756	1.71%	0.254%
282	22.210	22.168	22.221	VV	2849	88717	1.74%	0.259%
283	22.231	22.221	22.245	VV	2668	35450	0.70%	0.104%
284	22.261	22.245	22.282	VV	2371	51089	1.00%	0.149%
285	22.291	22.282	22.323	VV	2007	41346	0.81%	0.121%
286	22.334	22.323	22.414	VV	1290	44107	0.87%	0.129%
287	22.448	22.414	22.474	VV	404	9486	0.19%	0.028%
					Sum of corrected areas:		34201932	

Aliphatic EPH 061025.M Tue Jun 17 04:41:59 2025