

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054162.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 20:27
 Sample : Q2179-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	2.830	2.804	3.032	PH	1411	43525	0.90%	0.080%
2	3.048	3.032	3.072	PV	109	1665	0.03%	0.003%
3	3.085	3.072	3.108	PV	80	1109	0.02%	0.002%
4	3.113	3.108	3.154	PV	73	687	0.01%	0.001%
5	3.183	3.154	3.228	VV	264	4916	0.10%	0.009%
6	3.249	3.228	3.288	VV	178	3253	0.07%	0.006%
7	3.298	3.288	3.311	VV	75	424	0.01%	0.001%
8	3.316	3.311	3.348	VV	50	603	0.01%	0.001%
9	3.352	3.348	3.401	PV	66	1825	0.04%	0.003%
10	3.408	3.401	3.455	VV	102	3056	0.06%	0.006%
11	3.464	3.455	3.494	VV	160	1502	0.03%	0.003%
12	3.501	3.494	3.514	VV	114	763	0.02%	0.001%
13	3.549	3.514	3.562	VV	169	2084	0.04%	0.004%
14	3.579	3.562	3.614	VV	125	2400	0.05%	0.004%
15	3.625	3.614	3.631	PV	108	801	0.02%	0.001%
16	3.660	3.631	3.748	VV	280	6081	0.13%	0.011%
17	3.758	3.748	3.767	PV	56	691	0.01%	0.001%
18	3.779	3.767	3.814	VV	170	3017	0.06%	0.006%
19	3.836	3.814	3.868	VV	157	2589	0.05%	0.005%
20	3.872	3.868	3.900	VV	158	1460	0.03%	0.003%
21	3.912	3.900	3.932	VV	114	1305	0.03%	0.002%
22	3.941	3.932	3.968	PV	108	1404	0.03%	0.003%
23	3.982	3.968	4.003	VV	120	1961	0.04%	0.004%
24	4.018	4.003	4.040	VV	126	1554	0.03%	0.003%
25	4.059	4.040	4.068	PV	113	1344	0.03%	0.002%
26	4.111	4.068	4.118	VV	251	5793	0.12%	0.011%
27	4.126	4.118	4.142	VV	276	3583	0.07%	0.007%
28	4.171	4.142	4.209	VV	481	13333	0.28%	0.024%
29	4.215	4.209	4.228	VV	296	3272	0.07%	0.006%
30	4.256	4.228	4.354	VV	382	17492	0.36%	0.032%
31	4.366	4.354	4.373	VV	159	1414	0.03%	0.003%
32	4.380	4.373	4.394	VV	140	1561	0.03%	0.003%
33	4.399	4.394	4.427	VV	162	1992	0.04%	0.004%
34	4.448	4.427	4.469	VV	494	7199	0.15%	0.013%
35	4.482	4.469	4.549	VV	292	8116	0.17%	0.015%
36	4.574	4.549	4.608	VV	173	4174	0.09%	0.008%

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37	4.626	4.608	4.669	VV	277	5747	0.12%	0.011%
38	4.708	4.669	4.851	VV	147	10422	0.22%	0.019%
39	4.954	4.851	4.985	VV	289	15518	0.32%	0.028%
40	5.008	4.985	5.056	VV	231	6435	0.13%	0.012%
41	5.071	5.056	5.090	VV	135	2018	0.04%	0.004%
42	5.118	5.090	5.194	VV	230	6710	0.14%	0.012%
43	5.205	5.194	5.228	VV	119	1632	0.03%	0.003%
44	5.422	5.228	5.528	VV	307	19409	0.40%	0.036%
45	5.592	5.528	5.642	VV	328	7759	0.16%	0.014%
46	5.712	5.642	5.828	PV	331	21257	0.44%	0.039%
47	5.885	5.828	5.911	VV	344	10997	0.23%	0.020%
48	5.929	5.911	6.054	VV	251	16112	0.33%	0.030%
49	6.080	6.054	6.136	VV	228	4593	0.10%	0.008%
50	6.190	6.136	6.244	VV	294	11977	0.25%	0.022%
51	6.279	6.244	6.298	VV	203	5565	0.12%	0.010%
52	6.341	6.298	6.461	VV	414	22289	0.46%	0.041%
53	6.484	6.461	6.511	VV	502	10464	0.22%	0.019%
54	6.521	6.511	6.571	VV	486	11425	0.24%	0.021%
55	6.577	6.571	6.602	VV	304	4322	0.09%	0.008%
56	6.635	6.602	6.672	VV	354	11311	0.23%	0.021%
57	6.701	6.672	6.753	VV	481	12483	0.26%	0.023%
58	6.778	6.753	6.819	VV	300	8169	0.17%	0.015%
59	6.835	6.819	6.898	VV	226	7075	0.15%	0.013%
60	6.912	6.898	7.008	VV	137	5818	0.12%	0.011%
61	7.036	7.008	7.061	VV	115	2149	0.04%	0.004%
62	7.139	7.061	7.181	PV	209	8123	0.17%	0.015%
63	7.198	7.181	7.231	VV	223	5588	0.12%	0.010%
64	7.351	7.231	7.398	VV	447	28042	0.58%	0.051%
65	7.413	7.398	7.438	VV	339	6237	0.13%	0.011%
66	7.464	7.438	7.494	VV	313	8007	0.17%	0.015%
67	7.517	7.494	7.548	VV	257	7693	0.16%	0.014%
68	7.581	7.548	7.618	VV	394	11313	0.23%	0.021%
69	7.651	7.618	7.684	VV	388	9903	0.21%	0.018%
70	7.715	7.684	7.734	VV	325	5984	0.12%	0.011%
71	7.756	7.734	7.830	VV	288	8273	0.17%	0.015%
72	7.862	7.830	7.929	VV	628	10922	0.23%	0.020%
73	7.952	7.929	7.978	VV	138	1461	0.03%	0.003%
74	8.034	7.978	8.088	PV	909	18878	0.39%	0.035%
75	8.190	8.088	8.263	VV	496	26117	0.54%	0.048%
76	8.285	8.263	8.308	VV	340	7162	0.15%	0.013%
77	8.383	8.308	8.418	VV	661	30956	0.64%	0.057%
78	8.470	8.418	8.511	VV	1181	38273	0.79%	0.070%
79	8.536	8.511	8.555	VV	1509	27090	0.56%	0.050%
80	8.579	8.555	8.765	VV	1769	82024	1.70%	0.150%
81	8.792	8.765	8.821	VV	390	6735	0.14%	0.012%
82	8.975	8.821	9.068	VV	1994	131250	2.72%	0.241%
83	9.080	9.068	9.169	VV	591	27634	0.57%	0.051%
84	9.209	9.169	9.267	VV	1014	34977	0.72%	0.064%
85	9.295	9.267	9.424	VV	1133	35946	0.74%	0.066%
86	9.481	9.424	9.514	VV	393	12760	0.26%	0.023%
87	9.538	9.514	9.554	VV	309	5678	0.12%	0.010%
88	9.588	9.554	9.614	VV	381	9560	0.20%	0.018%
89	9.681	9.614	9.731	VV	736	26897	0.56%	0.049%

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90	9.753	9.731	9.804	VV	497	13157	0.27%	0.024%
91	9.821	9.804	9.874	VV	333	9610	0.20%	0.018%
92	9.906	9.874	9.928	VV	3231	38800	0.80%	0.071%
93	9.960	9.928	10.052	VV	5471	179820	3.72%	0.330%
94	10.076	10.052	10.121	VV	2006	44207	0.92%	0.081%
95	10.143	10.121	10.164	VV	1127	17338	0.36%	0.032%
96	10.182	10.164	10.218	VV	503	10311	0.21%	0.019%
97	10.240	10.218	10.328	VV	259	7169	0.15%	0.013%
98	10.342	10.328	10.380	VV	173	3147	0.07%	0.006%
99	10.418	10.380	10.438	PV	768	11845	0.25%	0.022%
100	10.463	10.438	10.487	VV	677	12481	0.26%	0.023%
101	10.546	10.487	10.589	VV	1192	45673	0.95%	0.084%
102	10.604	10.589	10.644	VV	701	14458	0.30%	0.027%
103	10.697	10.644	10.720	VV	888	23793	0.49%	0.044%
104	10.740	10.720	10.758	VV	641	12956	0.27%	0.024%
105	10.817	10.758	10.861	VV	1607	47270	0.98%	0.087%
106	10.888	10.861	10.924	VV	1193	24857	0.51%	0.046%
107	10.944	10.924	10.998	VV	722	14845	0.31%	0.027%
108	11.037	10.998	11.068	VV	371	7730	0.16%	0.014%
109	11.093	11.068	11.148	VV	1263	31588	0.65%	0.058%
110	11.217	11.148	11.368	VV	1487	75479	1.56%	0.138%
111	11.390	11.368	11.421	VV	235	5047	0.10%	0.009%
112	11.453	11.421	11.481	VV	845	14114	0.29%	0.026%
113	11.522	11.481	11.561	VV	1731	30410	0.63%	0.056%
114	11.602	11.561	11.650	VV	2043	39662	0.82%	0.073%
115	11.679	11.650	11.698	PV	551	8370	0.17%	0.015%
116	11.717	11.698	11.773	VV	640	10543	0.22%	0.019%
117	11.837	11.773	11.941	VV	361736	4123394	85.40%	7.563%
118	11.964	11.941	12.054	VV	1447	77624	1.61%	0.142%
119	12.072	12.054	12.110	VV	894	17558	0.36%	0.032%
120	12.131	12.110	12.148	VV	427	5544	0.11%	0.010%
121	12.193	12.148	12.231	VV	1860	33284	0.69%	0.061%
122	12.246	12.231	12.268	VV	291	4202	0.09%	0.008%
123	12.288	12.268	12.344	VV	734	11975	0.25%	0.022%
124	12.389	12.344	12.420	PV	546	11719	0.24%	0.021%
125	12.465	12.420	12.528	VV	968	44723	0.93%	0.082%
126	12.563	12.528	12.598	VV	1110	33014	0.68%	0.061%
127	12.613	12.598	12.631	VV	679	11965	0.25%	0.022%
128	12.653	12.631	12.732	VV	692	27854	0.58%	0.051%
129	12.785	12.732	12.809	VV	1446	37282	0.77%	0.068%
130	12.835	12.809	12.871	VV	2491	45523	0.94%	0.083%
131	12.907	12.871	13.018	VV	8974	184130	3.81%	0.338%
132	13.059	13.018	13.077	PV	610	11789	0.24%	0.022%
133	13.094	13.077	13.141	VV	599	12950	0.27%	0.024%
134	13.161	13.141	13.181	VV	856	11104	0.23%	0.020%
135	13.207	13.181	13.241	VV	7124	115247	2.39%	0.211%
136	13.282	13.241	13.368	VV	256674	3239460	67.09%	5.942%
137	13.385	13.368	13.428	VV	854	22405	0.46%	0.041%
138	13.452	13.428	13.568	VV	2352	76726	1.59%	0.141%
139	13.606	13.568	13.631	VV	408	10952	0.23%	0.020%
140	13.675	13.631	13.738	VV	1009	30965	0.64%	0.057%
141	13.806	13.738	13.848	VV	1257	40993	0.85%	0.075%

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142	13.986	13.848	14.010	VV	1654	75031	1.55%	0.138%
143	14.036	14.010	14.061	VV	3005	50296	1.04%	0.092%
144	14.077	14.061	14.104	VV	1474	27796	0.58%	0.051%
145	14.122	14.104	14.211	VV	878	24292	0.50%	0.045%
146	14.255	14.211	14.288	PV	582	17114	0.35%	0.031%
147	14.306	14.288	14.316	VV	387	5415	0.11%	0.010%
148	14.331	14.316	14.354	VV	341	5338	0.11%	0.010%
149	14.399	14.354	14.421	PV	848	17931	0.37%	0.033%
150	14.470	14.421	14.504	VV	1394	47692	0.99%	0.087%
151	14.541	14.504	14.571	VV	1202	33846	0.70%	0.062%
152	14.601	14.571	14.624	VV	2550	44789	0.93%	0.082%
153	14.654	14.624	14.691	VV	1351	39470	0.82%	0.072%
154	14.737	14.691	14.761	VV	1132	37793	0.78%	0.069%
155	14.783	14.761	14.824	VV	1548	39901	0.83%	0.073%
156	14.847	14.824	14.867	VV	1203	22200	0.46%	0.041%
157	14.892	14.867	14.958	VV	1648	44119	0.91%	0.081%
158	14.983	14.958	15.024	VV	489	14412	0.30%	0.026%
159	15.103	15.024	15.121	VV	4872	99074	2.05%	0.182%
160	15.141	15.121	15.224	VV	5738	131213	2.72%	0.241%
161	15.260	15.224	15.282	VV	957	22371	0.46%	0.041%
162	15.302	15.282	15.354	VV	605	16066	0.33%	0.029%
163	15.450	15.354	15.504	PV	610	23596	0.49%	0.043%
164	15.544	15.504	15.638	PV	12374	347950	7.21%	0.638%
165	15.665	15.638	15.698	VV	1813	41494	0.86%	0.076%
166	15.727	15.698	15.753	VV	3520	52933	1.10%	0.097%
167	15.780	15.753	15.845	VV	1495	45061	0.93%	0.083%
168	15.931	15.845	16.014	VV	1053	62516	1.29%	0.115%
169	16.069	16.014	16.084	VV	812	23327	0.48%	0.043%
170	16.166	16.084	16.211	VV	1983	67479	1.40%	0.124%
171	16.228	16.211	16.260	VV	728	13487	0.28%	0.025%
172	16.299	16.260	16.318	VV	302	6836	0.14%	0.013%
173	16.366	16.318	16.394	PV	1027	19607	0.41%	0.036%
174	16.457	16.394	16.504	VV	2370	49411	1.02%	0.091%
175	16.569	16.504	16.598	VV	1780	46245	0.96%	0.085%
176	16.665	16.598	16.748	VV	6592	227562	4.71%	0.417%
177	16.802	16.748	16.838	VV	2277	61139	1.27%	0.112%
178	16.852	16.838	16.888	VV	834	13798	0.29%	0.025%
179	16.989	16.888	17.028	PV	4485	91572	1.90%	0.168%
180	17.055	17.028	17.093	VV	4582	94888	1.97%	0.174%
181	17.121	17.093	17.144	VV	2739	64827	1.34%	0.119%
182	17.157	17.144	17.228	VV	2373	54156	1.12%	0.099%
183	17.296	17.228	17.311	PV	986	17027	0.35%	0.031%
184	17.353	17.311	17.381	VV	1453	32219	0.67%	0.059%
185	17.444	17.381	17.467	PV	1196	35896	0.74%	0.066%
186	17.567	17.467	17.612	VV	3575	151511	3.14%	0.278%
187	17.673	17.612	17.696	VV	2191	69390	1.44%	0.127%
188	17.768	17.696	17.808	VV	1393	69267	1.43%	0.127%
189	17.901	17.808	17.916	PV	1885	57079	1.18%	0.105%
190	18.003	17.916	18.061	VV	5392	197746	4.10%	0.363%
191	18.143	18.061	18.216	VV	7488	314470	6.51%	0.577%
192	18.236	18.216	18.264	VV	4107	88824	1.84%	0.163%
193	18.339	18.264	18.358	VV	4912	175366	3.63%	0.322%
194	18.394	18.358	18.414	VV	6339	174383	3.61%	0.320%

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195	18.436	18.414	18.484	VV	7690	220315	4.56%	0.404%
196	18.510	18.484	18.557	VV	8377	196350	4.07%	0.360%
197	18.594	18.557	18.638	VV	3415	135062	2.80%	0.248%
198	18.694	18.638	18.741	VV	6135	217243	4.50%	0.398%
199	18.834	18.741	18.880	VV	6794	251683	5.21%	0.462%
200	18.934	18.880	18.956	VV	6411	139721	2.89%	0.256%
201	18.983	18.956	19.024	VV	6488	175181	3.63%	0.321%
202	19.115	19.024	19.131	VV	5318	233647	4.84%	0.429%
203	19.259	19.131	19.308	VV	10473	798697	16.54%	1.465%
204	19.332	19.308	19.358	VV	8982	236481	4.90%	0.434%
205	19.389	19.358	19.406	VV	8456	230303	4.77%	0.422%
206	19.592	19.406	19.607	VV	12420	1230610	25.49%	2.257%
207	19.647	19.607	19.680	VV	13199	530208	10.98%	0.972%
208	19.741	19.680	19.758	VV	14287	601473	12.46%	1.103%
209	19.867	19.758	19.904	VV	17718	1359218	28.15%	2.493%
210	19.979	19.904	20.008	VV	19065	1105102	22.89%	2.027%
211	20.041	20.008	20.099	VV	19699	1014638	21.01%	1.861%
212	20.160	20.099	20.184	VV	19325	953592	19.75%	1.749%
213	20.266	20.184	20.289	VV	27062	1471005	30.47%	2.698%
214	20.382	20.289	20.400	VV	29704	1839611	38.10%	3.374%
215	20.430	20.400	20.451	VV	29280	892209	18.48%	1.636%
216	20.660	20.451	20.694	VV	36748	4828367	100.00%	8.856%
217	20.760	20.694	20.794	VV	36154	2131051	44.14%	3.909%
218	20.879	20.794	20.984	VV	38592	4090543	84.72%	7.503%
219	21.044	20.984	21.071	VV	32477	1648366	34.14%	3.023%
220	21.100	21.071	21.127	VV	31531	1049499	21.74%	1.925%
221	21.163	21.127	21.248	VV	30508	2056573	42.59%	3.772%
222	21.376	21.248	21.398	VV	27182	2349783	48.67%	4.310%
223	21.449	21.398	21.474	VV	27673	1239526	25.67%	2.273%
224	21.508	21.474	21.618	VV	26139	1926345	39.90%	3.533%
225	21.741	21.618	21.796	VV	20722	2059665	42.66%	3.778%
226	21.829	21.796	22.041	VV	19046	2160924	44.75%	3.963%
227	22.211	22.041	22.388	VV	9867	1510298	31.28%	2.770%
Sum of corrected areas:					54520648			

Aliphatic EPH 051425.M Wed Jun 04 04:38:22 2025