

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052125AL\
 Data File : FE053960.D
 Signal(s) : FID1B.ch
 Acq On : 21 May 2025 22:22
 Sample : Q2097-13
 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	2.833	2.805	2.851	BV	51	228	0.00%	0.001%
2	2.885	2.851	2.906	PV	112	1975	0.03%	0.006%
3	2.921	2.906	2.961	VV	78	1559	0.03%	0.005%
4	2.966	2.961	2.985	VV	40	544	0.01%	0.002%
5	2.996	2.985	3.017	PV	87	1075	0.02%	0.003%
6	3.028	3.017	3.112	VV	107	3268	0.05%	0.009%
7	3.128	3.112	3.171	VV	119	3166	0.05%	0.009%
8	3.178	3.171	3.305	VV	128	7856	0.13%	0.023%
9	3.393	3.305	3.445	VV	204	9302	0.15%	0.027%
10	3.482	3.445	3.532	VV	195	7017	0.11%	0.020%
11	3.546	3.532	3.563	VV	186	2432	0.04%	0.007%
12	3.573	3.563	3.642	VV	154	5932	0.10%	0.017%
13	3.651	3.642	3.668	VV	153	2239	0.04%	0.006%
14	3.684	3.668	3.739	VV	302	7711	0.12%	0.022%
15	3.754	3.739	3.772	VV	187	2847	0.05%	0.008%
16	3.807	3.772	3.838	VV	272	7549	0.12%	0.022%
17	3.881	3.838	3.928	VV	220	8398	0.14%	0.024%
18	3.940	3.928	4.028	VV	193	9404	0.15%	0.027%
19	4.075	4.028	4.142	VV	310	16718	0.27%	0.048%
20	4.153	4.142	4.185	VV	277	5743	0.09%	0.017%
21	4.188	4.185	4.195	VV	255	1317	0.02%	0.004%
22	4.201	4.195	4.269	VV	294	8850	0.14%	0.026%
23	4.278	4.269	4.346	VV	244	9028	0.15%	0.026%
24	4.358	4.346	4.372	VV	220	2913	0.05%	0.008%
25	4.384	4.372	4.419	VV	235	5010	0.08%	0.015%
26	4.461	4.419	4.538	VV	288	14154	0.23%	0.041%
27	4.562	4.538	4.607	VV	307	7774	0.13%	0.023%
28	4.632	4.607	4.757	VV	457	19040	0.31%	0.055%
29	4.806	4.757	4.830	VV	193	6130	0.10%	0.018%
30	4.844	4.830	4.870	VV	199	3792	0.06%	0.011%
31	4.880	4.870	4.895	VV	214	2806	0.05%	0.008%
32	4.907	4.895	4.961	VV	197	6422	0.10%	0.019%
33	4.974	4.961	5.082	VV	194	8342	0.13%	0.024%
34	5.093	5.082	5.097	VV	88	756	0.01%	0.002%
35	5.121	5.097	5.158	VV	229	5911	0.10%	0.017%
36	5.164	5.158	5.241	VV	186	5561	0.09%	0.016%

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37	5.247	5.241	5.256	VV	78	514	0.01%	0.001%
38	5.312	5.256	5.325	PV	157	2979	0.05%	0.009%
39	5.352	5.325	5.381	VV	133	2717	0.04%	0.008%
40	5.442	5.381	5.495	VV	184	8323	0.13%	0.024%
41	5.501	5.495	5.569	VV	126	3867	0.06%	0.011%
42	5.578	5.569	5.587	VV	74	605	0.01%	0.002%
43	5.605	5.587	5.622	VV	121	1787	0.03%	0.005%
44	5.631	5.622	5.685	VV	86	2151	0.03%	0.006%
45	5.714	5.685	5.748	VV	146	3506	0.06%	0.010%
46	5.782	5.748	5.841	VV	194	8213	0.13%	0.024%
47	5.860	5.841	5.886	VV	196	4462	0.07%	0.013%
48	5.899	5.886	5.929	VV	191	3431	0.06%	0.010%
49	5.943	5.929	5.965	VV	135	2999	0.05%	0.009%
50	5.975	5.965	6.031	VV	147	4953	0.08%	0.014%
51	6.042	6.031	6.101	VV	140	3558	0.06%	0.010%
52	6.126	6.101	6.158	VV	110	2129	0.03%	0.006%
53	6.200	6.158	6.317	VV	284	15794	0.25%	0.046%
54	6.350	6.317	6.372	VV	475	7918	0.13%	0.023%
55	6.381	6.372	6.390	VV	156	1205	0.02%	0.003%
56	6.438	6.390	6.481	VV	230	7359	0.12%	0.021%
57	6.527	6.481	6.556	VV	208	6140	0.10%	0.018%
58	6.602	6.556	6.616	VV	153	4331	0.07%	0.013%
59	6.628	6.616	6.715	VV	148	6168	0.10%	0.018%
60	6.719	6.715	6.735	VV	122	934	0.02%	0.003%
61	6.748	6.735	6.778	VV	120	2370	0.04%	0.007%
62	6.793	6.778	6.893	VV	142	6587	0.11%	0.019%
63	6.923	6.893	6.935	VV	130	1857	0.03%	0.005%
64	6.938	6.935	6.994	VV	96	1538	0.02%	0.004%
65	7.005	6.994	7.021	VV	78	568	0.01%	0.002%
66	7.055	7.021	7.160	PV	158	5985	0.10%	0.017%
67	7.207	7.160	7.245	VV	175	4411	0.07%	0.013%
68	7.260	7.245	7.286	VV	175	2199	0.04%	0.006%
69	7.325	7.286	7.392	VV	606	16467	0.26%	0.048%
70	7.416	7.392	7.438	VV	167	3205	0.05%	0.009%
71	7.451	7.438	7.513	VV	168	5717	0.09%	0.017%
72	7.530	7.513	7.564	VV	235	4860	0.08%	0.014%
73	7.585	7.564	7.635	VV	243	7929	0.13%	0.023%
74	7.657	7.635	7.681	VV	157	3187	0.05%	0.009%
75	7.692	7.681	7.707	VV	123	1456	0.02%	0.004%
76	7.717	7.707	7.732	VV	138	1334	0.02%	0.004%
77	7.750	7.732	7.781	VV	177	3030	0.05%	0.009%
78	7.793	7.781	7.817	VV	86	1418	0.02%	0.004%
79	8.194	8.177	8.251	VV	1004	32766	0.53%	0.095%
80	8.262	8.251	8.315	VV	610	19650	0.32%	0.057%
81	8.341	8.315	8.354	VV	563	11444	0.18%	0.033%
82	8.368	8.354	8.418	VV	547	17866	0.29%	0.052%
83	8.471	8.418	8.523	VV	914	35514	0.57%	0.103%
84	8.536	8.523	8.586	VV	479	13720	0.22%	0.040%
85	8.622	8.586	8.668	VV	901	23778	0.38%	0.069%
86	8.683	8.668	8.694	VV	315	4510	0.07%	0.013%
87	8.722	8.694	8.745	VV	513	11994	0.19%	0.035%
88	8.954	8.946	8.973	VV	2722	42817	0.69%	0.124%
89	8.984	8.973	9.071	VV	2674	106727	1.72%	0.309%

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90	9.091	9.071	9.104	VV	1481	26888	0.43%	0.078%
91	9.119	9.104	9.136	VV	1286	23449	0.38%	0.068%
92	9.157	9.136	9.177	VV	1278	28189	0.45%	0.082%
93	9.211	9.177	9.281	VV	1818	79846	1.28%	0.231%
94	9.305	9.281	9.351	VV	1292	47154	0.76%	0.137%
95	9.384	9.351	9.415	VV	1185	40462	0.65%	0.117%
96	9.428	9.415	9.437	VV	1035	13336	0.21%	0.039%
97	9.454	9.437	9.471	VV	1129	21271	0.34%	0.062%
98	9.504	9.471	9.565	VV	1438	65605	1.06%	0.190%
99	9.602	9.565	9.635	VV	1753	58059	0.93%	0.168%
100	9.684	9.635	9.715	VV	2039	76618	1.23%	0.222%
101	9.762	9.715	9.805	VV	1920	87081	1.40%	0.252%
102	9.847	9.805	9.890	VV	1761	82689	1.33%	0.239%
103	9.913	9.890	9.938	VV	1940	50001	0.80%	0.145%
104	9.969	9.938	10.065	VV	8215	345004	5.55%	0.999%
105	10.085	10.065	10.142	VV	3208	129445	2.08%	0.375%
106	10.154	10.142	10.205	VV	2630	95710	1.54%	0.277%
107	10.264	10.205	10.298	VV	2645	141714	2.28%	0.410%
108	10.321	10.298	10.364	VV	2722	103421	1.66%	0.299%
109	10.430	10.364	10.444	VV	3109	138463	2.23%	0.401%
110	10.468	10.444	10.485	VV	3549	79535	1.28%	0.230%
111	10.502	10.485	10.518	VV	3502	67322	1.08%	0.195%
112	10.552	10.518	10.581	VV	3768	133589	2.15%	0.387%
113	10.618	10.581	10.639	VV	3713	123718	1.99%	0.358%
114	10.674	10.639	10.687	VV	3743	101396	1.63%	0.294%
115	10.716	10.687	10.741	VV	4066	128328	2.06%	0.372%
116	10.751	10.741	10.773	VV	4190	75198	1.21%	0.218%
117	10.799	10.773	10.806	VV	4172	80484	1.29%	0.233%
118	10.827	10.806	10.844	VV	4720	101587	1.63%	0.294%
119	10.897	10.844	10.908	VV	4758	174623	2.81%	0.506%
120	10.925	10.908	10.999	VV	4756	252651	4.06%	0.731%
121	11.022	10.999	11.071	VV	4835	200839	3.23%	0.581%
122	11.099	11.071	11.120	VV	5060	140264	2.26%	0.406%
123	11.143	11.120	11.161	VV	5251	123627	1.99%	0.358%
124	11.197	11.161	11.215	VV	5279	164075	2.64%	0.475%
125	11.241	11.215	11.275	VV	5583	190060	3.06%	0.550%
126	11.306	11.275	11.342	VV	6142	226656	3.65%	0.656%
127	11.357	11.342	11.378	VV	5772	122996	1.98%	0.356%
128	11.395	11.378	11.437	VV	5831	200380	3.22%	0.580%
129	11.459	11.437	11.510	VV	6186	258797	4.16%	0.749%
130	11.533	11.510	11.579	VV	6334	242823	3.91%	0.703%
131	11.615	11.579	11.640	VV	6404	219009	3.52%	0.634%
132	11.654	11.640	11.670	VV	5808	105020	1.69%	0.304%
133	11.686	11.670	11.705	VV	5860	119685	1.92%	0.346%
134	11.755	11.705	11.798	VV	6080	324756	5.22%	0.940%
135	11.845	11.798	11.947	VV	500311	6217490	100.00%	18.000%
136	11.993	11.947	12.008	VV	7313	260053	4.18%	0.753%
137	12.021	12.008	12.064	VV	7174	231701	3.73%	0.671%
138	12.076	12.064	12.119	VV	6615	210626	3.39%	0.610%
139	12.139	12.119	12.160	VV	6816	158876	2.56%	0.460%
140	12.184	12.160	12.238	VV	6718	300557	4.83%	0.870%
141	12.259	12.238	12.278	VV	6470	148168	2.38%	0.429%

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142	12.300	12.278	12.315	VV	6334	136003	2.19%	0.394%
143	12.327	12.315	12.378	VV	6277	227444	3.66%	0.658%
144	12.412	12.378	12.436	VV	6369	213498	3.43%	0.618%
145	12.452	12.436	12.482	VV	6269	167470	2.69%	0.485%
146	12.518	12.482	12.540	VV	6463	214504	3.45%	0.621%
147	12.555	12.540	12.575	VV	6169	128415	2.07%	0.372%
148	12.588	12.575	12.638	VV	6226	223288	3.59%	0.646%
149	12.688	12.638	12.735	VV	5910	326157	5.25%	0.944%
150	12.763	12.735	12.825	VV	5877	300653	4.84%	0.870%
151	12.844	12.825	12.875	VV	5993	165939	2.67%	0.480%
152	12.909	12.875	13.015	VV	7184	461114	7.42%	1.335%
153	13.025	13.015	13.065	VV	4884	144850	2.33%	0.419%
154	13.075	13.065	13.088	VV	4813	63985	1.03%	0.185%
155	13.101	13.088	13.118	VV	4764	84402	1.36%	0.244%
156	13.149	13.118	13.157	VV	4642	106204	1.71%	0.307%
157	13.169	13.157	13.188	VV	4717	86854	1.40%	0.251%
158	13.222	13.188	13.241	VV	4739	148464	2.39%	0.430%
159	13.290	13.241	13.436	VV	363999	4968189	79.91%	14.383%
160	13.457	13.436	13.481	VV	4957	123445	1.99%	0.357%
161	13.512	13.481	13.544	VV	4465	159804	2.57%	0.463%
162	13.554	13.544	13.635	VV	3964	209661	3.37%	0.607%
163	13.680	13.635	13.700	VV	3830	145547	2.34%	0.421%
164	13.718	13.700	13.759	VV	3676	124502	2.00%	0.360%
165	13.771	13.759	13.788	VV	3496	58743	0.94%	0.170%
166	13.817	13.788	13.836	VV	3438	94847	1.53%	0.275%
167	13.842	13.836	13.859	VV	3344	46326	0.75%	0.134%
168	13.896	13.859	13.931	VV	3402	140381	2.26%	0.406%
169	13.954	13.931	13.966	VV	3192	65069	1.05%	0.188%
170	13.993	13.966	14.025	VV	3258	106776	1.72%	0.309%
171	14.043	14.025	14.138	VV	3470	191606	3.08%	0.555%
172	14.148	14.138	14.164	VV	2495	38778	0.62%	0.112%
173	14.183	14.164	14.225	VV	2538	88834	1.43%	0.257%
174	14.269	14.225	14.305	VV	2431	112053	1.80%	0.324%
175	14.311	14.305	14.326	VV	2270	28644	0.46%	0.083%
176	14.339	14.326	14.388	VV	2277	78859	1.27%	0.228%
177	14.480	14.388	14.525	VV	2788	182004	2.93%	0.527%
178	14.541	14.525	14.581	VV	1952	61616	0.99%	0.178%
179	14.608	14.581	14.643	VV	2435	71452	1.15%	0.207%
180	14.664	14.643	14.683	VV	1778	39721	0.64%	0.115%
181	14.690	14.683	14.711	VV	1649	27877	0.45%	0.081%
182	14.723	14.711	14.735	VV	1628	21997	0.35%	0.064%
183	14.765	14.735	14.804	VV	1488	58155	0.94%	0.168%
184	14.848	14.804	14.869	VV	1246	47294	0.76%	0.137%
185	14.889	14.869	14.918	VV	1326	35572	0.57%	0.103%
186	14.932	14.918	14.958	VV	1161	25296	0.41%	0.073%
187	14.961	14.958	14.971	VV	1017	7670	0.12%	0.022%
188	14.991	14.971	15.027	VV	1076	33472	0.54%	0.097%
189	15.040	15.027	15.077	VV	1007	28288	0.45%	0.082%
190	15.149	15.077	15.175	VV	1820	71251	1.15%	0.206%
191	15.196	15.175	15.255	VV	1283	41147	0.66%	0.119%
192	15.273	15.255	15.338	VV	788	30413	0.49%	0.088%
193	15.345	15.338	15.368	VV	475	7897	0.13%	0.023%
194	15.380	15.368	15.458	VV	465	20658	0.33%	0.060%

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195	15.550	15.458	15.645	VV	7822	279064	4.49%	0.808%
196	15.670	15.645	15.710	VV	2108	46758	0.75%	0.135%
197	15.734	15.710	15.847	VV	1574	42369	0.68%	0.123%
198	15.882	15.847	15.899	VV	240	5033	0.08%	0.015%
199	15.930	15.899	15.975	VV	192	6016	0.10%	0.017%
200	15.993	15.975	16.009	VV	286	3553	0.06%	0.010%
201	16.081	16.009	16.108	VV	349	12724	0.20%	0.037%
202	16.172	16.108	16.214	VV	1506	32912	0.53%	0.095%
203	16.235	16.214	16.275	VV	241	6002	0.10%	0.017%
204	16.305	16.275	16.321	PV	232	2852	0.05%	0.008%
205	16.370	16.321	16.415	VV	296	6833	0.11%	0.020%
206	16.424	16.415	16.436	PV	90	768	0.01%	0.002%
207	16.463	16.436	16.481	VV	277	3621	0.06%	0.010%
208	16.576	16.481	16.597	VV	600	18462	0.30%	0.053%
209	16.656	16.597	16.701	VV	1704	43954	0.71%	0.127%
210	16.736	16.701	16.759	VV	811	14545	0.23%	0.042%
211	16.770	16.759	16.790	VV	205	2300	0.04%	0.007%
212	16.819	16.790	16.838	VV	268	4695	0.08%	0.014%
213	16.885	16.838	16.899	VV	186	4095	0.07%	0.012%
214	16.915	16.899	16.927	VV	112	1181	0.02%	0.003%
215	16.954	16.927	16.977	VV	109	2068	0.03%	0.006%
216	17.010	16.977	17.055	PV	257	6115	0.10%	0.018%
217	17.089	17.055	17.097	VV	373	5138	0.08%	0.015%
218	17.124	17.097	17.149	VV	1971	30395	0.49%	0.088%
219	17.168	17.149	17.190	VV	830	11649	0.19%	0.034%
220	17.208	17.190	17.227	VV	200	3131	0.05%	0.009%
221	17.365	17.227	17.381	PV	125	5810	0.09%	0.017%
222	17.574	17.381	17.611	PV	3306	66018	1.06%	0.191%
223	17.667	17.611	17.715	VV	355	9247	0.15%	0.027%
224	17.782	17.715	17.809	PV	242	5532	0.09%	0.016%
225	17.972	17.809	17.988	PV	893	16751	0.27%	0.048%
226	18.012	17.988	18.041	VV	2697	41364	0.67%	0.120%
227	18.105	18.041	18.125	VV	618	13490	0.22%	0.039%
228	18.188	18.125	18.218	VV	450	14848	0.24%	0.043%
229	18.236	18.218	18.267	VV	420	6890	0.11%	0.020%
230	18.331	18.267	18.351	PV	979	17193	0.28%	0.050%
231	18.435	18.351	18.497	VV	4741	148884	2.39%	0.431%
232	18.533	18.497	18.555	VV	540	15743	0.25%	0.046%
233	18.647	18.555	18.661	VV	126	8885	0.14%	0.026%
234	18.725	18.661	18.745	PV	163	5217	0.08%	0.015%
235	18.844	18.745	18.881	PV	3384	54841	0.88%	0.159%
236	19.008	18.881	19.031	VV	248	19368	0.31%	0.056%
237	19.244	19.031	19.295	PV	3869	98901	1.59%	0.286%
238	19.366	19.295	19.387	VV	588	23174	0.37%	0.067%
239	19.399	19.387	19.407	VV	225	1924	0.03%	0.006%
240	19.440	19.407	19.458	VV	673	9516	0.15%	0.028%
241	19.494	19.458	19.513	VV	371	7408	0.12%	0.021%
242	19.631	19.513	19.664	PV	2494	48262	0.78%	0.140%
243	20.006	19.664	20.035	VV	3288	251435	4.04%	0.728%
244	20.250	20.035	20.267	VV	4037	352564	5.67%	1.021%
245	20.373	20.267	20.395	VV	5832	316307	5.09%	0.916%
246	20.528	20.395	20.555	VV	8701	538787	8.67%	1.560%

					rters				
247	20.729	20.555	20.747	VV	9064	848958	13.65%	2.458%	
248	21.104	20.747	21.134	VV	10119	2140325	34.42%	6.196%	
249	21.258	21.134	21.295	VV	9047	883390	14.21%	2.557%	
250	21.420	21.295	21.470	VV	8192	867404	13.95%	2.511%	
251	21.528	21.470	21.552	VV	7451	360499	5.80%	1.044%	
252	21.767	21.552	21.787	VV	5769	896841	14.42%	2.596%	
253	21.989	21.787	22.040	VV	4782	756175	12.16%	2.189%	
254	22.051	22.040	22.059	VV	3864	44800	0.72%	0.130%	
255	22.070	22.059	22.120	VV	3710	121331	1.95%	0.351%	
256	22.178	22.120	22.187	VV	2702	113195	1.82%	0.328%	
257	22.205	22.187	22.248	VV	2541	85657	1.38%	0.248%	
258	22.253	22.248	22.355	VV	2017	75888	1.22%	0.220%	
259	22.366	22.355	22.378	VV	389	4895	0.08%	0.014%	
260	22.392	22.378	22.405	VV	202	2395	0.04%	0.007%	

Sum of corrected areas: 34542451

Aliphatic EPH 051425.M Thu May 22 04:52:33 2025