

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012623AL\
 Data File : FE040067.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jan 2023 16:23
 Sample : 01289-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.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	3.303	3.254	3.430	BV	390683	3898675	37.42%	1.431%
2	3.447	3.430	3.531	VV	666	15791	0.15%	0.006%
3	3.547	3.531	3.574	VV	207	2146	0.02%	0.001%
4	3.585	3.574	3.600	VV	226	1680	0.02%	0.001%
5	3.615	3.600	3.631	PV	383	3983	0.04%	0.001%
6	3.637	3.631	3.652	VV	302	1946	0.02%	0.001%
7	3.672	3.652	3.727	VV	313	6009	0.06%	0.002%
8	3.745	3.727	3.760	PV	372	3814	0.04%	0.001%
9	3.781	3.760	3.818	VV	1390	16401	0.16%	0.006%
10	3.837	3.818	3.856	VV	411	4423	0.04%	0.002%
11	3.894	3.856	3.968	VV	1300	25947	0.25%	0.010%
12	3.983	3.968	4.056	VV	890	12756	0.12%	0.005%
13	4.094	4.056	4.143	PV	520	13096	0.13%	0.005%
14	4.156	4.143	4.181	VV	269	4238	0.04%	0.002%
15	4.200	4.181	4.241	VV	193	3154	0.03%	0.001%
16	4.275	4.241	4.373	VV	2086	38513	0.37%	0.014%
17	4.410	4.373	4.434	VV	446	8524	0.08%	0.003%
18	4.446	4.434	4.481	VV	179	2742	0.03%	0.001%
19	4.509	4.481	4.520	PV	391	4048	0.04%	0.001%
20	4.550	4.520	4.568	VV	459127	4400606	42.24%	1.616%
21	4.586	4.568	4.688	VV	457545	4595901	44.11%	1.687%
22	4.714	4.688	4.790	VV	868	35652	0.34%	0.013%
23	4.836	4.790	4.874	VV	928	30978	0.30%	0.011%
24	4.885	4.874	4.897	VV	743	9478	0.09%	0.003%
25	4.913	4.897	4.989	VV	958	29193	0.28%	0.011%
26	5.020	4.989	5.039	VV	432	9592	0.09%	0.004%
27	5.060	5.039	5.098	VV	316	6336	0.06%	0.002%
28	5.111	5.098	5.143	VV	115	1906	0.02%	0.001%
29	5.176	5.143	5.192	VV	475	7708	0.07%	0.003%
30	5.208	5.192	5.230	VV	783	9137	0.09%	0.003%
31	5.248	5.230	5.264	VV	389	6247	0.06%	0.002%
32	5.267	5.264	5.279	VV	410	2962	0.03%	0.001%
33	5.319	5.279	5.352	VV	507	16380	0.16%	0.006%
34	5.363	5.352	5.378	VV	314	3536	0.03%	0.001%
35	5.390	5.378	5.409	VV	385	3809	0.04%	0.001%
36	5.427	5.409	5.441	VV	208	1905	0.02%	0.001%

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37	5.465	5.441	5.517	VV	722	16785	0.16%	0.006%
38	5.538	5.517	5.574	VV	661	12129	0.12%	0.004%
39	5.588	5.574	5.634	VV	309	5008	0.05%	0.002%
40	5.649	5.634	5.660	VV	168	1965	0.02%	0.001%
41	5.685	5.660	5.710	VV	2491	33784	0.32%	0.012%
42	5.720	5.710	5.744	VV	647	8595	0.08%	0.003%
43	5.751	5.744	5.788	VV	270	5694	0.05%	0.002%
44	5.794	5.788	5.838	VV	288	6899	0.07%	0.003%
45	5.851	5.838	5.911	VV	233	5689	0.05%	0.002%
46	5.932	5.911	5.962	VV	2419	27558	0.26%	0.010%
47	5.983	5.962	6.038	VV	359	7320	0.07%	0.003%
48	6.044	6.038	6.058	VV	133	1250	0.01%	0.000%
49	6.088	6.058	6.114	VV	818	11468	0.11%	0.004%
50	6.129	6.114	6.184	VV	629	8714	0.08%	0.003%
51	6.250	6.184	6.394	PV	486100	5005246	48.04%	1.837%
52	6.422	6.394	6.474	VV	1567	49753	0.48%	0.018%
53	6.477	6.474	6.501	VV	613	8746	0.08%	0.003%
54	6.510	6.501	6.551	VV	576	14319	0.14%	0.005%
55	6.599	6.551	6.619	VV	1102	24626	0.24%	0.009%
56	6.636	6.619	6.681	VV	468	11338	0.11%	0.004%
57	6.713	6.681	6.813	VV	477503	4928966	47.31%	1.809%
58	6.831	6.813	6.848	VV	716	12720	0.12%	0.005%
59	6.862	6.848	6.883	VV	654	10122	0.10%	0.004%
60	6.904	6.883	6.926	VV	668	11804	0.11%	0.004%
61	6.940	6.926	6.965	VV	432	6767	0.06%	0.002%
62	6.988	6.965	7.023	VV	318	7248	0.07%	0.003%
63	7.038	7.023	7.061	VV	164	2007	0.02%	0.001%
64	7.112	7.061	7.141	PV	220	6196	0.06%	0.002%
65	7.164	7.141	7.201	VV	498	7264	0.07%	0.003%
66	7.250	7.201	7.311	PV	7169	107797	1.03%	0.040%
67	7.346	7.311	7.440	VV	450550	4896099	46.99%	1.797%
68	7.457	7.440	7.510	VV	2185	67148	0.64%	0.025%
69	7.549	7.510	7.601	VV	5160	108275	1.04%	0.040%
70	7.624	7.601	7.640	VV	1670	26486	0.25%	0.010%
71	7.657	7.640	7.689	VV	2683	42750	0.41%	0.016%
72	7.720	7.689	7.761	VV	2220	41511	0.40%	0.015%
73	7.784	7.761	7.805	VV	1095	16889	0.16%	0.006%
74	7.831	7.805	7.864	VV	1313	34401	0.33%	0.013%
75	7.880	7.864	7.921	VV	2463	35819	0.34%	0.013%
76	8.064	8.054	8.102	VV	3190	78279	0.75%	0.029%
77	8.137	8.102	8.166	VV	4931	125003	1.20%	0.046%
78	8.190	8.166	8.206	VV	4081	87167	0.84%	0.032%
79	8.227	8.206	8.258	VV	10547	161985	1.55%	0.059%
80	8.295	8.258	8.323	VV	7116	182103	1.75%	0.067%
81	8.365	8.323	8.393	VV	7982	226344	2.17%	0.083%
82	8.421	8.393	8.467	VV	6723	186625	1.79%	0.069%
83	8.541	8.467	8.568	VV	503640	5442926	52.24%	1.998%
84	8.578	8.568	8.596	VV	7885	113078	1.09%	0.042%
85	8.646	8.596	8.707	VV	521445	5819249	55.85%	2.136%
86	8.726	8.707	8.751	VV	13729	259312	2.49%	0.095%
87	8.759	8.751	8.773	VV	6179	73975	0.71%	0.027%
88	8.787	8.773	8.803	VV	6382	95514	0.92%	0.035%
89	8.946	8.918	9.014	VV	527430	5753871	55.22%	2.112%

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90	9.040	9.014	9.093	VV	6665	240985	2.31%	0.088%
91	9.110	9.093	9.130	VV	4966	89388	0.86%	0.033%
92	9.147	9.130	9.165	VV	5623	92154	0.88%	0.034%
93	9.197	9.165	9.221	VV	7067	171167	1.64%	0.063%
94	9.237	9.221	9.250	VV	3982	65165	0.63%	0.024%
95	9.293	9.250	9.304	VV	4478	133394	1.28%	0.049%
96	9.329	9.304	9.353	VV	20647	297636	2.86%	0.109%
97	9.387	9.353	9.433	VV	12697	282365	2.71%	0.104%
98	9.460	9.433	9.481	VV	5437	117665	1.13%	0.043%
99	9.504	9.481	9.520	VV	4947	103512	0.99%	0.038%
100	9.542	9.520	9.560	VV	11147	179941	1.73%	0.066%
101	9.572	9.560	9.611	VV	7041	157534	1.51%	0.058%
102	9.644	9.611	9.675	VV	9170	245973	2.36%	0.090%
103	9.693	9.675	9.706	VV	7528	114807	1.10%	0.042%
104	9.736	9.706	9.816	VV	494072	5645592	54.18%	2.073%
105	9.832	9.816	9.853	VV	7218	141510	1.36%	0.052%
106	9.868	9.853	9.904	VV	5743	155363	1.49%	0.057%
107	9.924	9.904	9.938	VV	8977	140640	1.35%	0.052%
108	9.965	9.938	9.992	VV	11092	274632	2.64%	0.101%
109	10.018	9.992	10.081	VV	30433	776548	7.45%	0.285%
110	10.096	10.081	10.118	VV	10140	210400	2.02%	0.077%
111	10.147	10.118	10.187	VV	523517	6098616	58.53%	2.239%
112	10.209	10.187	10.228	VV	31058	501927	4.82%	0.184%
113	10.242	10.228	10.261	VV	15511	296534	2.85%	0.109%
114	10.270	10.261	10.288	VV	14756	228084	2.19%	0.084%
115	10.306	10.288	10.330	VV	15190	363630	3.49%	0.133%
116	10.347	10.330	10.363	VV	16192	288782	2.77%	0.106%
117	10.411	10.363	10.438	VV	19561	695798	6.68%	0.255%
118	10.453	10.438	10.471	VV	16469	297727	2.86%	0.109%
119	10.492	10.471	10.536	VV	19971	684207	6.57%	0.251%
120	10.568	10.536	10.611	VV	23850	800638	7.68%	0.294%
121	10.639	10.611	10.647	VV	19295	375191	3.60%	0.138%
122	10.670	10.647	10.685	VV	22288	479770	4.60%	0.176%
123	10.698	10.685	10.728	VV	20986	489731	4.70%	0.180%
124	10.771	10.728	10.793	VV	29745	873844	8.39%	0.321%
125	10.815	10.793	10.844	VV	39384	839482	8.06%	0.308%
126	10.867	10.844	10.916	VV	23992	943885	9.06%	0.347%
127	10.940	10.916	10.961	VV	24225	599102	5.75%	0.220%
128	11.036	10.961	11.080	VV	37511	1967068	18.88%	0.722%
129	11.142	11.080	11.174	VV	476988	6351099	60.96%	2.332%
130	11.217	11.174	11.287	VV	464940	7095477	68.10%	2.605%
131	11.304	11.287	11.314	VV	23529	359335	3.45%	0.132%
132	11.324	11.314	11.340	VV	23893	355880	3.42%	0.131%
133	11.358	11.340	11.448	VV	27455	1326230	12.73%	0.487%
134	11.475	11.448	11.499	VV	19689	518173	4.97%	0.190%
135	11.530	11.499	11.552	VV	18818	563237	5.41%	0.207%
136	11.590	11.552	11.654	VV	527192	6900761	66.23%	2.533%
137	11.690	11.654	11.717	VV	20334	686210	6.59%	0.252%
138	11.740	11.717	11.752	VV	19673	359887	3.45%	0.132%
139	11.774	11.752	11.808	VV	45094	907502	8.71%	0.333%
140	11.827	11.808	11.856	VV	28898	625171	6.00%	0.230%
141	11.906	11.856	11.968	VV	390770	5520988	52.99%	2.027%

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142	11.999	11.968	12.037	VV	27536	808326	7.76%	0.297%
143	12.071	12.037	12.096	VV	19986	632396	6.07%	0.232%
144	12.116	12.096	12.151	VV	18536	576177	5.53%	0.212%
145	12.201	12.151	12.241	VV	18828	900019	8.64%	0.330%
146	12.263	12.241	12.289	VV	19679	517055	4.96%	0.190%
147	12.305	12.289	12.316	VV	17330	276457	2.65%	0.101%
148	12.353	12.316	12.376	VV	25372	758185	7.28%	0.278%
149	12.404	12.376	12.422	VV	23518	583894	5.60%	0.214%
150	12.458	12.422	12.470	VV	24285	647550	6.21%	0.238%
151	12.498	12.470	12.530	VV	62482	1418470	13.61%	0.521%
152	12.553	12.530	12.582	VV	29499	792206	7.60%	0.291%
153	12.602	12.582	12.621	VV	24260	546338	5.24%	0.201%
154	12.644	12.621	12.668	VV	28404	682333	6.55%	0.250%
155	12.690	12.668	12.746	VV	27801	1082354	10.39%	0.397%
156	12.789	12.746	12.803	VV	23673	767486	7.37%	0.282%
157	12.832	12.803	12.858	VV	27272	782217	7.51%	0.287%
158	12.900	12.858	12.934	VV	510303	6964221	66.84%	2.557%
159	12.964	12.934	12.990	VV	459809	5770979	55.39%	2.119%
160	13.003	12.990	13.024	VV	41901	751793	7.22%	0.276%
161	13.044	13.024	13.080	VV	40632	1051156	10.09%	0.386%
162	13.096	13.080	13.112	VV	25646	479769	4.60%	0.176%
163	13.151	13.112	13.171	VV	29423	928940	8.92%	0.341%
164	13.215	13.171	13.224	VV	33459	893548	8.58%	0.328%
165	13.263	13.224	13.305	VV	470301	6223825	59.73%	2.285%
166	13.344	13.305	13.390	VV	312242	4863029	46.67%	1.785%
167	13.411	13.390	13.451	VV	35704	933460	8.96%	0.343%
168	13.512	13.451	13.588	VV	475884	7234918	69.44%	2.656%
169	13.604	13.588	13.647	VV	20982	672868	6.46%	0.247%
170	13.673	13.647	13.693	VV	19489	506450	4.86%	0.186%
171	13.737	13.693	13.784	VV	25962	1066494	10.24%	0.392%
172	13.807	13.784	13.838	VV	20194	597083	5.73%	0.219%
173	13.875	13.838	13.911	VV	40802	1039110	9.97%	0.381%
174	13.931	13.911	13.951	VV	27474	534470	5.13%	0.196%
175	13.963	13.951	13.977	VV	21043	308902	2.96%	0.113%
176	13.999	13.977	14.026	VV	36921	757699	7.27%	0.278%
177	14.049	14.026	14.066	VV	21959	494563	4.75%	0.182%
178	14.099	14.066	14.151	VV	461763	6346121	60.91%	2.330%
179	14.175	14.151	14.208	VV	18825	609664	5.85%	0.224%
180	14.251	14.208	14.276	VV	19431	741058	7.11%	0.272%
181	14.298	14.276	14.321	VV	19078	488417	4.69%	0.179%
182	14.363	14.321	14.383	VV	18600	663724	6.37%	0.244%
183	14.414	14.383	14.441	VV	21319	648643	6.23%	0.238%
184	14.501	14.441	14.525	VV	35955	1257810	12.07%	0.462%
185	14.542	14.525	14.582	VV	25712	772297	7.41%	0.284%
186	14.613	14.582	14.638	VV	19523	628897	6.04%	0.231%
187	14.668	14.638	14.713	VV	23028	867999	8.33%	0.319%
188	14.742	14.713	14.767	VV	19099	568045	5.45%	0.209%
189	14.793	14.767	14.817	VV	18715	529188	5.08%	0.194%
190	14.824	14.817	14.845	VV	18371	288532	2.77%	0.106%
191	14.853	14.845	14.872	VV	16194	255370	2.45%	0.094%
192	14.885	14.872	14.920	VV	15567	441629	4.24%	0.162%
193	14.959	14.920	14.971	VV	19431	519383	4.98%	0.191%
194	14.989	14.971	15.018	VV	21800	512851	4.92%	0.188%

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195	15.040	15.018	15.072	VV	15876	499066	4.79%	0.183%
196	15.088	15.072	15.107	VV	15544	303414	2.91%	0.111%
197	15.145	15.107	15.165	VV	361548	4975753	47.76%	1.827%
198	15.193	15.165	15.231	VV	552386	10419317	100.00%	3.825%
199	15.247	15.231	15.288	VV	31728	731127	7.02%	0.268%
200	15.304	15.288	15.358	VV	20627	592559	5.69%	0.218%
201	15.392	15.358	15.414	VV	11483	370593	3.56%	0.136%
202	15.443	15.414	15.464	VV	12012	334379	3.21%	0.123%
203	15.487	15.464	15.516	VV	10202	304910	2.93%	0.112%
204	15.546	15.516	15.579	VV	10115	353283	3.39%	0.130%
205	15.616	15.579	15.694	VV	20981	1036834	9.95%	0.381%
206	15.719	15.694	15.750	VV	22720	470163	4.51%	0.173%
207	15.783	15.750	15.805	VV	14321	361343	3.47%	0.133%
208	15.826	15.805	15.889	VV	16120	529030	5.08%	0.194%
209	15.900	15.889	15.918	VV	7705	130116	1.25%	0.048%
210	15.936	15.918	15.980	VV	7518	247852	2.38%	0.091%
211	15.999	15.980	16.043	VV	7101	245452	2.36%	0.090%
212	16.057	16.043	16.068	VV	6136	92161	0.88%	0.034%
213	16.076	16.068	16.081	VV	6176	47464	0.46%	0.017%
214	16.120	16.081	16.158	VV	7418	296042	2.84%	0.109%
215	16.173	16.158	16.186	VV	6185	99636	0.96%	0.037%
216	16.224	16.186	16.254	VV	404778	5431973	52.13%	1.994%
217	16.287	16.254	16.325	VV	12970	397641	3.82%	0.146%
218	16.333	16.325	16.367	VV	6292	143099	1.37%	0.053%
219	16.383	16.367	16.394	VV	5426	83817	0.80%	0.031%
220	16.415	16.394	16.453	VV	10568	247871	2.38%	0.091%
221	16.486	16.453	16.501	VV	4939	128514	1.23%	0.047%
222	16.528	16.501	16.541	VV	5097	116538	1.12%	0.043%
223	16.548	16.541	16.614	VV	5184	179566	1.72%	0.066%
224	16.707	16.614	16.722	VV	352876	5022058	48.20%	1.844%
225	16.738	16.722	16.820	VV	377227	4836675	46.42%	1.776%
226	16.841	16.820	16.861	VV	7376	154612	1.48%	0.057%
227	16.875	16.861	16.904	VV	6674	142995	1.37%	0.052%
228	16.934	16.904	16.961	VV	11188	220974	2.12%	0.081%
229	16.993	16.961	17.022	VV	6491	159325	1.53%	0.058%
230	17.087	17.022	17.137	VV	296187	4148355	39.81%	1.523%
231	17.173	17.137	17.251	VV	385425	5354122	51.39%	1.966%
232	17.273	17.251	17.299	VV	4102	89485	0.86%	0.033%
233	17.316	17.299	17.336	VV	2729	47585	0.46%	0.017%
234	17.365	17.336	17.391	VV	7232	124638	1.20%	0.046%
235	17.426	17.391	17.439	VV	3186	70801	0.68%	0.026%
236	17.460	17.439	17.488	VV	5913	108171	1.04%	0.040%
237	17.499	17.488	17.538	VV	2767	55572	0.53%	0.020%
238	17.543	17.538	17.558	VV	1122	13382	0.13%	0.005%
239	17.620	17.558	17.647	VV	5008	125877	1.21%	0.046%
240	17.658	17.647	17.671	VV	984	12448	0.12%	0.005%
241	17.693	17.671	17.723	VV	1076	27001	0.26%	0.010%
242	17.742	17.723	17.797	VV	1117	24066	0.23%	0.009%
243	17.843	17.797	17.864	PV	2530	52208	0.50%	0.019%
244	17.883	17.864	17.908	VV	3498	56276	0.54%	0.021%
245	17.914	17.908	17.930	VV	1550	17078	0.16%	0.006%
246	17.950	17.930	17.976	VV	2092	31240	0.30%	0.011%

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247	18.002	17.976	18.018	VV	1310	21924	0.21%	0.008%
248	18.063	18.018	18.111	VV	366565	4912758	47.15%	1.804%
249	18.149	18.111	18.181	VV	1997	39788	0.38%	0.015%
250	18.211	18.181	18.224	PV	917	15081	0.14%	0.006%
251	18.260	18.224	18.320	VV	2256	51561	0.49%	0.019%
252	18.379	18.320	18.423	PV	2494	50704	0.49%	0.019%
253	18.463	18.423	18.480	VV	257674	3631632	34.85%	1.333%
254	18.498	18.480	18.654	VV	248541	4158312	39.91%	1.527%
255	18.664	18.654	18.679	VV	2810	37508	0.36%	0.014%
256	18.719	18.679	18.834	VV	271937	4365813	41.90%	1.603%
257	18.894	18.834	18.957	VV	345513	5069502	48.65%	1.861%
258	18.993	18.957	19.021	VV	3316	81403	0.78%	0.030%
259	19.046	19.021	19.118	VV	1609	51676	0.50%	0.019%
260	19.141	19.118	19.151	PV	442	5722	0.05%	0.002%
261	19.164	19.151	19.178	VV	392	4760	0.05%	0.002%
262	19.207	19.178	19.231	VV	761	13714	0.13%	0.005%
263	19.291	19.231	19.398	VV	7823	333823	3.20%	0.123%
264	19.421	19.398	19.441	VV	1935	32946	0.32%	0.012%
265	19.454	19.441	19.471	VV	1204	17203	0.17%	0.006%
266	19.490	19.471	19.521	VV	2172	29888	0.29%	0.011%
267	19.585	19.521	19.631	VV	950	31184	0.30%	0.011%
268	19.679	19.631	19.718	VV	331854	4754119	45.63%	1.745%
269	19.741	19.718	19.756	VV	2387	41598	0.40%	0.015%
270	19.793	19.756	19.811	VV	2308	62641	0.60%	0.023%
271	19.834	19.811	19.864	VV	3111	72468	0.70%	0.027%
272	19.896	19.864	19.934	VV	2191	68441	0.66%	0.025%
273	20.051	19.934	20.071	VV	3221	191931	1.84%	0.070%
274	20.100	20.071	20.119	VV	2333	64305	0.62%	0.024%
275	20.137	20.119	20.172	VV	2427	69176	0.66%	0.025%
276	20.206	20.172	20.230	VV	3583	98737	0.95%	0.036%
277	20.301	20.230	20.354	VV	6309	321022	3.08%	0.118%
278	20.421	20.354	20.488	VV	312034	4836410	46.42%	1.776%
279	20.577	20.488	20.611	VV	14283	529891	5.09%	0.195%
280	20.686	20.611	20.700	VV	7455	365503	3.51%	0.134%
281	20.727	20.700	20.749	VV	8053	220998	2.12%	0.081%
282	20.776	20.749	20.848	VV	8451	428483	4.11%	0.157%
283	20.953	20.848	21.003	VV	7815	668622	6.42%	0.245%
284	21.062	21.003	21.089	VV	7486	367522	3.53%	0.135%
285	21.154	21.089	21.254	VV	258465	5052187	48.49%	1.855%
286	21.271	21.254	21.336	VV	4800	224723	2.16%	0.082%
287	21.349	21.336	21.360	VV	4086	58217	0.56%	0.021%
288	21.370	21.360	21.440	VV	3954	174397	1.67%	0.064%
289	21.554	21.440	21.611	VV	4041	356257	3.42%	0.131%
290	21.629	21.611	21.674	VV	2765	95430	0.92%	0.035%
291	21.679	21.674	21.760	VV	2467	101583	0.97%	0.037%
292	21.813	21.760	21.843	VV	1472	68226	0.65%	0.025%
293	21.899	21.843	21.938	VV	1042	49194	0.47%	0.018%
294	21.951	21.938	21.961	VV	692	7898	0.08%	0.003%
295	22.056	21.961	22.141	VV	196197	4527219	43.45%	1.662%

Sum of corrected areas: 272395052