

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052123AL\
 Data File : FE042079.D
 Signal(s) : FID1B.ch
 Acq On : 21 May 2023 00:52
 Sample : 02849-31MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.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	3.349	3.304	3.454	BV	453611	4446888	33.43%	1.731%
2	3.463	3.454	3.478	VV	136	1843	0.01%	0.001%
3	3.494	3.478	3.514	VV	670	8753	0.07%	0.003%
4	3.523	3.514	3.541	VV	375	4116	0.03%	0.002%
5	3.562	3.541	3.578	VV	367	5814	0.04%	0.002%
6	3.590	3.578	3.608	VV	282	4318	0.03%	0.002%
7	3.629	3.608	3.648	VV	456	6539	0.05%	0.003%
8	3.662	3.648	3.674	VV	606	6635	0.05%	0.003%
9	3.703	3.674	3.768	VV	15055	173448	1.30%	0.068%
10	3.794	3.768	3.804	VV	271	5139	0.04%	0.002%
11	3.820	3.804	3.836	VV	763	9276	0.07%	0.004%
12	3.855	3.836	3.891	VV	1540	21234	0.16%	0.008%
13	3.905	3.891	3.915	VV	332	3720	0.03%	0.001%
14	3.933	3.915	4.003	VV	730	16974	0.13%	0.007%
15	4.028	4.003	4.111	VV	452	15602	0.12%	0.006%
16	4.138	4.111	4.164	VV	555	10994	0.08%	0.004%
17	4.187	4.164	4.234	VV	1461	24377	0.18%	0.009%
18	4.250	4.234	4.273	VV	329	6158	0.05%	0.002%
19	4.322	4.273	4.346	VV	1838	27097	0.20%	0.011%
20	4.354	4.346	4.367	VV	383	4553	0.03%	0.002%
21	4.384	4.367	4.442	VV	682	15237	0.11%	0.006%
22	4.478	4.442	4.495	VV	369	7875	0.06%	0.003%
23	4.521	4.495	4.544	VV	369	8324	0.06%	0.003%
24	4.598	4.544	4.616	VV	529176	5050986	37.97%	1.966%
25	4.635	4.616	4.688	VV	524054	5197280	39.07%	2.023%
26	4.707	4.688	4.738	VV	2792	40366	0.30%	0.016%
27	4.756	4.738	4.778	VV	826	15365	0.12%	0.006%
28	4.788	4.778	4.794	VV	463	4211	0.03%	0.002%
29	4.816	4.794	4.871	VV	1880	30460	0.23%	0.012%
30	4.880	4.871	4.894	VV	369	5012	0.04%	0.002%
31	4.905	4.894	4.927	VV	387	5878	0.04%	0.002%
32	4.938	4.927	4.947	VV	282	3340	0.03%	0.001%
33	4.960	4.947	4.998	VV	380	7914	0.06%	0.003%
34	5.012	4.998	5.028	VV	297	4637	0.03%	0.002%
35	5.053	5.028	5.081	VV	339	8188	0.06%	0.003%
36	5.103	5.081	5.130	VV	275	7364	0.06%	0.003%

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37	5.144	5.130	5.156	VV	300	3792	0.03%	0.001%
38	5.180	5.156	5.191	VV	240	3445	0.03%	0.001%
39	5.213	5.191	5.231	VV	272	5256	0.04%	0.002%
40	5.255	5.231	5.281	VV	1026	13840	0.10%	0.005%
41	5.299	5.281	5.338	VV	328	8238	0.06%	0.003%
42	5.345	5.338	5.367	VV	209	3323	0.02%	0.001%
43	5.382	5.367	5.395	VV	326	3557	0.03%	0.001%
44	5.411	5.395	5.428	VV	246	3872	0.03%	0.002%
45	5.440	5.428	5.458	VV	484	5225	0.04%	0.002%
46	5.500	5.458	5.520	VV	1797	20582	0.15%	0.008%
47	5.535	5.520	5.568	VV	686	8682	0.07%	0.003%
48	5.589	5.568	5.637	VV	631	8273	0.06%	0.003%
49	5.647	5.637	5.692	VV	90	1073	0.01%	0.000%
50	5.701	5.692	5.707	VV	41	263	0.00%	0.000%
51	5.731	5.707	5.788	VV	1503	18995	0.14%	0.007%
52	5.798	5.788	5.818	VV	128	1235	0.01%	0.000%
53	5.835	5.818	5.880	VV	1403	18802	0.14%	0.007%
54	5.894	5.880	5.911	VV	256	2990	0.02%	0.001%
55	5.925	5.911	5.954	VV	265	3842	0.03%	0.001%
56	5.980	5.954	6.042	PV	3118	32943	0.25%	0.013%
57	6.063	6.042	6.081	VV	152	1960	0.01%	0.001%
58	6.089	6.081	6.100	VV	194	1493	0.01%	0.001%
59	6.122	6.100	6.173	VV	936	18876	0.14%	0.007%
60	6.203	6.173	6.244	VV	272	8239	0.06%	0.003%
61	6.255	6.244	6.270	VV	161	2223	0.02%	0.001%
62	6.302	6.270	6.393	VV	606689	5851640	43.99%	2.277%
63	6.408	6.393	6.438	VV	539	10786	0.08%	0.004%
64	6.474	6.438	6.504	VV	662	15742	0.12%	0.006%
65	6.524	6.504	6.580	VV	476	11540	0.09%	0.004%
66	6.602	6.580	6.641	VV	513	8932	0.07%	0.003%
67	6.654	6.641	6.677	VV	222	2930	0.02%	0.001%
68	6.694	6.677	6.726	VV	168	3044	0.02%	0.001%
69	6.764	6.726	6.826	VV	552904	5486634	41.24%	2.135%
70	6.848	6.826	6.870	VV	561	8847	0.07%	0.003%
71	6.897	6.870	6.972	VV	2464	36986	0.28%	0.014%
72	6.995	6.972	7.014	VV	370	4254	0.03%	0.002%
73	7.051	7.014	7.074	VV	208	3834	0.03%	0.001%
74	7.089	7.074	7.138	PV	204	4035	0.03%	0.002%
75	7.182	7.138	7.221	VV	644	11043	0.08%	0.004%
76	7.247	7.221	7.277	VV	4620	48540	0.36%	0.019%
77	7.302	7.277	7.356	VV	11343	116100	0.87%	0.045%
78	7.399	7.356	7.516	VV	574396	5790382	43.53%	2.254%
79	7.536	7.516	7.578	VV	1215	25612	0.19%	0.010%
80	7.598	7.578	7.613	VV	2706	33651	0.25%	0.013%
81	7.622	7.613	7.656	VV	1605	19873	0.15%	0.008%
82	7.674	7.656	7.691	VV	1316	14178	0.11%	0.006%
83	7.709	7.691	7.737	VV	1990	23503	0.18%	0.009%
84	7.769	7.737	7.858	VV	524	16661	0.13%	0.006%
85	7.884	7.858	7.911	VV	781	9593	0.07%	0.004%
86	7.926	7.911	7.960	VV	270	3653	0.03%	0.001%
87	8.026	7.960	8.100	PV	741287	7148644	53.74%	2.782%
88	8.121	8.100	8.188	VV	2054	47322	0.36%	0.018%
89	8.197	8.188	8.224	VV	516	7162	0.05%	0.003%

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90	8.240	8.224	8.257	VV	423	5128	0.04%	0.002%
91	8.284	8.257	8.324	VV	2509	40346	0.30%	0.016%
92	8.347	8.324	8.376	VV	1358	22726	0.17%	0.009%
93	8.393	8.376	8.426	VV	531	8947	0.07%	0.003%
94	8.457	8.426	8.489	VV	8938	133703	1.01%	0.052%
95	8.498	8.489	8.534	VV	456	7542	0.06%	0.003%
96	8.595	8.534	8.668	VV	560628	5832100	43.84%	2.270%
97	8.703	8.668	8.761	VV	631835	6453198	48.51%	2.511%
98	8.786	8.761	8.849	VV	8431	108903	0.82%	0.042%
99	8.903	8.849	8.954	VV	479915	4962291	37.30%	1.931%
100	9.003	8.954	9.115	VV	661580	6728455	50.58%	2.619%
101	9.151	9.115	9.165	VV	3917	52045	0.39%	0.020%
102	9.192	9.165	9.248	VV	143895	1529001	11.49%	0.595%
103	9.273	9.248	9.299	VV	4008	59332	0.45%	0.023%
104	9.339	9.299	9.376	VV	5747	106404	0.80%	0.041%
105	9.442	9.376	9.458	VV	3392	54166	0.41%	0.021%
106	9.471	9.458	9.490	VV	2278	24610	0.18%	0.010%
107	9.513	9.490	9.568	VV	11442	154699	1.16%	0.060%
108	9.587	9.568	9.606	PV	1074	12000	0.09%	0.005%
109	9.632	9.606	9.664	VV	392	8500	0.06%	0.003%
110	9.672	9.664	9.681	VV	132	882	0.01%	0.000%
111	9.704	9.681	9.723	VV	539	6182	0.05%	0.002%
112	9.742	9.723	9.756	VV	939	9283	0.07%	0.004%
113	9.792	9.756	9.911	VV	624195	6695490	50.33%	2.606%
114	9.930	9.911	9.957	VV	1426	26648	0.20%	0.010%
115	9.979	9.957	9.987	VV	2379	29101	0.22%	0.011%
116	10.003	9.987	10.043	VV	4705	65664	0.49%	0.026%
117	10.068	10.043	10.101	VV	14523	169259	1.27%	0.066%
118	10.116	10.101	10.164	VV	1064	27446	0.21%	0.011%
119	10.202	10.164	10.267	VV	604773	6798312	51.10%	2.646%
120	10.285	10.267	10.336	VV	2260	36389	0.27%	0.014%
121	10.384	10.336	10.420	VV	7931	157886	1.19%	0.061%
122	10.451	10.420	10.473	VV	4363	66487	0.50%	0.026%
123	10.481	10.473	10.543	VV	861	15471	0.12%	0.006%
124	10.585	10.543	10.599	VV	528	11212	0.08%	0.004%
125	10.618	10.599	10.638	VV	1001	14799	0.11%	0.006%
126	10.663	10.638	10.685	VV	1772	27159	0.20%	0.011%
127	10.696	10.685	10.741	VV	757	12722	0.10%	0.005%
128	10.755	10.741	10.770	VV	162	1974	0.01%	0.001%
129	10.781	10.770	10.805	VV	111	2316	0.02%	0.001%
130	10.865	10.805	10.878	VV	441	10461	0.08%	0.004%
131	10.898	10.878	10.914	VV	534	8019	0.06%	0.003%
132	10.954	10.914	10.973	VV	504	13866	0.10%	0.005%
133	10.998	10.973	11.054	VV	5570	76652	0.58%	0.030%
134	11.065	11.054	11.112	VV	354	8628	0.06%	0.003%
135	11.199	11.112	11.241	PV	625737	6976112	52.44%	2.715%
136	11.274	11.241	11.338	VV	632200	7066014	53.12%	2.750%
137	11.344	11.338	11.409	VV	3299	75431	0.57%	0.029%
138	11.446	11.409	11.470	VV	3336	57591	0.43%	0.022%
139	11.486	11.470	11.513	VV	1656	25468	0.19%	0.010%
140	11.537	11.513	11.559	VV	2762	36773	0.28%	0.014%
141	11.572	11.559	11.593	VV	755	9972	0.07%	0.004%

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142	11.645	11.593	11.771	VV	611052	7096489	53.35%	2.762%
143	11.794	11.771	11.819	VV	786	12317	0.09%	0.005%
144	11.837	11.819	11.856	VV	329	4294	0.03%	0.002%
145	11.907	11.856	11.927	VV	579	11896	0.09%	0.005%
146	11.963	11.927	12.017	VV	448020	4903996	36.86%	1.909%
147	12.033	12.017	12.051	VV	795	12368	0.09%	0.005%
148	12.094	12.051	12.133	VV	1089	31524	0.24%	0.012%
149	12.157	12.133	12.185	VV	1168	26202	0.20%	0.010%
150	12.198	12.185	12.224	VV	1096	13125	0.10%	0.005%
151	12.255	12.224	12.283	VV	1204	23131	0.17%	0.009%
152	12.304	12.283	12.331	VV	419	10080	0.08%	0.004%
153	12.358	12.331	12.386	VV	815	19628	0.15%	0.008%
154	12.400	12.386	12.427	VV	634	9237	0.07%	0.004%
155	12.438	12.427	12.451	VV	141	1371	0.01%	0.001%
156	12.469	12.451	12.503	VV	372	4190	0.03%	0.002%
157	12.524	12.503	12.536	PV	214	2580	0.02%	0.001%
158	12.558	12.536	12.585	VV	10126	91896	0.69%	0.036%
159	12.598	12.585	12.608	VV	461	5907	0.04%	0.002%
160	12.634	12.608	12.703	VV	3690	63310	0.48%	0.025%
161	12.715	12.703	12.721	VV	273	2132	0.02%	0.001%
162	12.743	12.721	12.753	VV	427	5980	0.04%	0.002%
163	12.778	12.753	12.861	VV	2952	44300	0.33%	0.017%
164	12.897	12.861	12.916	PV	526	9333	0.07%	0.004%
165	12.956	12.916	12.986	VV	613173	7262246	54.59%	2.826%
166	13.021	12.986	13.100	VV	592938	7099117	53.37%	2.763%
167	13.120	13.100	13.174	VV	4113	74654	0.56%	0.029%
168	13.201	13.174	13.281	VV	5510	88932	0.67%	0.035%
169	13.320	13.281	13.353	VV	601027	6946925	52.22%	2.704%
170	13.399	13.353	13.473	VV	322307	3989009	29.99%	1.552%
171	13.509	13.473	13.528	VV	650	16555	0.12%	0.006%
172	13.568	13.528	13.643	VV	585347	7020179	52.77%	2.732%
173	13.656	13.643	13.672	VV	301	4273	0.03%	0.002%
174	13.695	13.672	13.724	VV	474	8416	0.06%	0.003%
175	13.752	13.724	13.789	VV	587	11901	0.09%	0.005%
176	13.818	13.789	13.878	VV	2188	36933	0.28%	0.014%
177	13.903	13.878	13.931	VV	476	9174	0.07%	0.004%
178	13.941	13.931	13.951	VV	277	2793	0.02%	0.001%
179	13.994	13.951	14.014	VV	1653	30112	0.23%	0.012%
180	14.031	14.014	14.058	VV	1822	26941	0.20%	0.010%
181	14.099	14.058	14.116	VV	1693	38374	0.29%	0.015%
182	14.154	14.116	14.207	VV	550972	6983095	52.49%	2.718%
183	14.228	14.207	14.255	VV	4073	50822	0.38%	0.020%
184	14.275	14.255	14.299	VV	910	11919	0.09%	0.005%
185	14.325	14.299	14.365	VV	1106	14118	0.11%	0.005%
186	14.390	14.365	14.403	PV	161	2071	0.02%	0.001%
187	14.444	14.403	14.491	VV	1548	21379	0.16%	0.008%
188	14.545	14.491	14.563	VV	1668	24921	0.19%	0.010%
189	14.590	14.563	14.628	VV	20747	259174	1.95%	0.101%
190	14.643	14.628	14.659	VV	620	7585	0.06%	0.003%
191	14.678	14.659	14.693	VV	627	8299	0.06%	0.003%
192	14.716	14.693	14.751	VV	2797	41525	0.31%	0.016%
193	14.800	14.751	14.861	VV	1624	47726	0.36%	0.019%
194	14.888	14.861	14.915	VV	7539	87667	0.66%	0.034%

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195	14.933	14.915	14.947	VV	795	9838	0.07%	0.004%
196	14.979	14.947	15.036	VV	122656	1438941	10.82%	0.560%
197	15.058	15.036	15.079	VV	519	9911	0.07%	0.004%
198	15.105	15.079	15.141	VV	807	16843	0.13%	0.007%
199	15.200	15.141	15.219	VV	466099	6423374	48.29%	2.500%
200	15.247	15.219	15.340	VV	766419	13302760	100.00%	5.177%
201	15.359	15.340	15.393	VV	573	9660	0.07%	0.004%
202	15.422	15.393	15.471	VV	1070	18183	0.14%	0.007%
203	15.490	15.471	15.511	PV	134	1924	0.01%	0.001%
204	15.569	15.511	15.594	VV	540	10762	0.08%	0.004%
205	15.633	15.594	15.715	VV	30355	510529	3.84%	0.199%
206	15.732	15.715	15.741	VV	375	4744	0.04%	0.002%
207	15.773	15.741	15.809	VV	4585	67576	0.51%	0.026%
208	15.849	15.809	15.874	VV	1801	31883	0.24%	0.012%
209	15.891	15.874	15.924	VV	1239	17882	0.13%	0.007%
210	15.951	15.924	15.978	VV	326	4848	0.04%	0.002%
211	16.039	15.978	16.078	VV	563	13656	0.10%	0.005%
212	16.107	16.078	16.127	VV	1354	19591	0.15%	0.008%
213	16.151	16.127	16.201	VV	1738	32592	0.25%	0.013%
214	16.279	16.201	16.318	VV	500026	6641968	49.93%	2.585%
215	16.339	16.318	16.394	VV	719	13042	0.10%	0.005%
216	16.412	16.394	16.434	PV	95	911	0.01%	0.000%
217	16.474	16.434	16.548	PV	10492	140079	1.05%	0.055%
218	16.576	16.548	16.601	VV	529	10534	0.08%	0.004%
219	16.649	16.601	16.696	VV	6595	117466	0.88%	0.046%
220	16.757	16.696	16.773	VV	402364	6179574	46.45%	2.405%
221	16.791	16.773	16.864	VV	503791	6107083	45.91%	2.377%
222	16.886	16.864	16.911	VV	1717	23424	0.18%	0.009%
223	16.921	16.911	16.934	VV	279	2769	0.02%	0.001%
224	16.955	16.934	16.981	VV	224	3917	0.03%	0.002%
225	17.018	16.981	17.041	VV	932	19811	0.15%	0.008%
226	17.054	17.041	17.084	VV	549	13546	0.10%	0.005%
227	17.138	17.084	17.191	VV	389319	5483938	41.22%	2.134%
228	17.227	17.191	17.261	VV	470143	6376608	47.93%	2.482%
229	17.274	17.261	17.287	VV	1643	21735	0.16%	0.008%
230	17.300	17.287	17.394	VV	1752	27888	0.21%	0.011%
231	17.461	17.394	17.474	PV	129	2074	0.02%	0.001%
232	17.500	17.474	17.533	VV	301	6102	0.05%	0.002%
233	17.592	17.533	17.630	VV	4315	81427	0.61%	0.032%
234	17.675	17.630	17.724	VV	8233	123258	0.93%	0.048%
235	17.757	17.724	17.788	PV	759	14081	0.11%	0.005%
236	17.837	17.788	17.867	VV	395	11842	0.09%	0.005%
237	17.894	17.867	17.925	VV	360	6704	0.05%	0.003%
238	18.005	17.925	18.029	PV	4728	82340	0.62%	0.032%
239	18.117	18.029	18.154	VV	461610	6184830	46.49%	2.407%
240	18.202	18.154	18.268	VV	2800	62336	0.47%	0.024%
241	18.295	18.268	18.314	VV	432	7875	0.06%	0.003%
242	18.346	18.314	18.374	VV	908	17464	0.13%	0.007%
243	18.384	18.374	18.407	VV	372	4120	0.03%	0.002%
244	18.510	18.407	18.525	PV	344800	5645909	42.44%	2.197%
245	18.548	18.525	18.607	VV	411771	5855723	44.02%	2.279%
246	18.628	18.607	18.658	VV	2058	36678	0.28%	0.014%

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247	18.668	18.658	18.701	VV	484	7086	0.05%	0.003%
248	18.767	18.701	18.864	PV	375152	5548848	41.71%	2.160%
249	18.891	18.864	18.901	VV	1209	16348	0.12%	0.006%
250	18.946	18.901	18.998	VV	418053	5878290	44.19%	2.288%
251	19.044	18.998	19.087	VV	3667	86480	0.65%	0.034%
252	19.103	19.087	19.125	VV	640	10759	0.08%	0.004%
253	19.145	19.125	19.168	VV	852	10327	0.08%	0.004%
254	19.224	19.168	19.248	VV	3374	62116	0.47%	0.024%
255	19.300	19.248	19.328	VV	22291	421006	3.16%	0.164%
256	19.343	19.328	19.383	VV	7582	154830	1.16%	0.060%
257	19.423	19.383	19.456	VV	2330	80884	0.61%	0.031%
258	19.475	19.456	19.498	VV	1969	38033	0.29%	0.015%
259	19.505	19.498	19.521	VV	1083	14443	0.11%	0.006%
260	19.541	19.521	19.563	VV	1882	32352	0.24%	0.013%
261	19.588	19.563	19.621	VV	1771	42993	0.32%	0.017%
262	19.635	19.621	19.659	VV	1327	23421	0.18%	0.009%
263	19.730	19.659	19.769	VV	385006	5667195	42.60%	2.206%
264	19.791	19.769	19.810	VV	4002	70119	0.53%	0.027%
265	19.834	19.810	19.867	VV	4307	91100	0.68%	0.035%
266	19.897	19.867	19.925	VV	1650	43730	0.33%	0.017%
267	20.018	19.925	20.040	VV	2233	93160	0.70%	0.036%
268	20.087	20.040	20.151	VV	7521	268788	2.02%	0.105%
269	20.275	20.151	20.291	VV	2996	176033	1.32%	0.069%
270	20.351	20.291	20.381	VV	3857	170183	1.28%	0.066%
271	20.403	20.381	20.416	VV	2951	59790	0.45%	0.023%
272	20.469	20.416	20.527	VV	363201	5407879	40.65%	2.105%
273	20.629	20.527	20.711	VV	12855	723815	5.44%	0.282%
274	20.824	20.711	20.861	VV	6693	427033	3.21%	0.166%
275	20.918	20.861	20.953	VV	5180	259554	1.95%	0.101%
276	20.995	20.953	21.056	VV	5081	278056	2.09%	0.108%
277	21.133	21.056	21.157	VV	4438	254127	1.91%	0.099%
278	21.219	21.157	21.270	VV	284895	5383125	40.47%	2.095%
279	21.308	21.270	21.356	VV	5175	225304	1.69%	0.088%
280	21.382	21.356	21.394	VV	3958	90131	0.68%	0.035%
281	21.414	21.394	21.450	VV	3914	122442	0.92%	0.048%
282	21.462	21.450	21.475	VV	3350	50556	0.38%	0.020%
283	21.542	21.475	21.594	VV	3280	218680	1.64%	0.085%
284	21.653	21.594	21.848	VV	3905	303336	2.28%	0.118%
285	21.911	21.848	21.931	VV	811	38430	0.29%	0.015%
286	22.017	21.931	22.076	VV	927	61484	0.46%	0.024%
287	22.153	22.076	22.236	VV	213765	5103981	38.37%	1.986%
					Sum of corrected areas:		256946738	

Aliphatic EPH 051823.M Sun May 21 05:47:37 2023