

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053123AL\
 Data File : FE042311.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2023 18:09
 Sample : 02972-01MSD
 Misc :
 ALS Vial : 19 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	3.340	3.304	3.466	BV	547911	5411310	37.79%	1.842%
2	3.484	3.466	3.536	VV	670	10028	0.07%	0.003%
3	3.549	3.536	3.573	VV	260	3206	0.02%	0.001%
4	3.583	3.573	3.608	VV	224	2388	0.02%	0.001%
5	3.624	3.608	3.635	VV	278	2222	0.02%	0.001%
6	3.654	3.635	3.664	PV	558	5764	0.04%	0.002%
7	3.683	3.664	3.698	VV	718	10569	0.07%	0.004%
8	3.709	3.698	3.769	VV	551	9918	0.07%	0.003%
9	3.787	3.769	3.796	VV	221	1732	0.01%	0.001%
10	3.811	3.796	3.860	VV	271	4568	0.03%	0.002%
11	3.871	3.860	3.881	VV	80	657	0.00%	0.000%
12	3.924	3.881	3.998	PV	544	10904	0.08%	0.004%
13	4.020	3.998	4.052	VV	365	5170	0.04%	0.002%
14	4.069	4.052	4.098	VV	153	2117	0.01%	0.001%
15	4.129	4.098	4.165	VV	514	8766	0.06%	0.003%
16	4.181	4.165	4.228	VV	347	7791	0.05%	0.003%
17	4.242	4.228	4.261	VV	261	3486	0.02%	0.001%
18	4.313	4.261	4.346	VV	1930	26843	0.19%	0.009%
19	4.355	4.346	4.406	VV	254	6616	0.05%	0.002%
20	4.410	4.406	4.451	VV	204	3347	0.02%	0.001%
21	4.489	4.451	4.526	VV	292	7411	0.05%	0.003%
22	4.538	4.526	4.556	VV	207	3188	0.02%	0.001%
23	4.590	4.556	4.608	VV	641185	6219244	43.43%	2.117%
24	4.627	4.608	4.721	VV	645678	6473609	45.21%	2.203%
25	4.746	4.721	4.794	VV	1243	26557	0.19%	0.009%
26	4.812	4.794	4.850	VV	561	12510	0.09%	0.004%
27	4.870	4.850	4.886	VV	460	7036	0.05%	0.002%
28	4.899	4.886	4.912	VV	461	5553	0.04%	0.002%
29	4.954	4.912	4.989	VV	448	14915	0.10%	0.005%
30	4.998	4.989	5.024	VV	364	6514	0.05%	0.002%
31	5.045	5.024	5.079	VV	373	9948	0.07%	0.003%

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32	5.091	5.079	5.121	VV	339	6375	0.04%	0.002%
33	5.132	5.121	5.142	VV	186	2103	0.01%	0.001%
34	5.166	5.142	5.179	VV	190	3369	0.02%	0.001%
35	5.194	5.179	5.223	VV	201	3946	0.03%	0.001%
36	5.246	5.223	5.268	VV	1194	14586	0.10%	0.005%
37	5.292	5.268	5.326	VV	318	8439	0.06%	0.003%
38	5.342	5.326	5.357	VV	289	3748	0.03%	0.001%
39	5.374	5.357	5.414	VV	407	8273	0.06%	0.003%
40	5.431	5.414	5.467	VV	620	8587	0.06%	0.003%
41	5.492	5.467	5.512	PV	1880	20993	0.15%	0.007%
42	5.526	5.512	5.560	VV	551	9706	0.07%	0.003%
43	5.581	5.560	5.638	VV	734	12603	0.09%	0.004%
44	5.648	5.638	5.656	VV	124	1126	0.01%	0.000%
45	5.664	5.656	5.697	VV	127	2739	0.02%	0.001%
46	5.722	5.697	5.744	VV	1907	20679	0.14%	0.007%
47	5.755	5.744	5.779	VV	246	3864	0.03%	0.001%
48	5.792	5.779	5.814	VV	305	4154	0.03%	0.001%
49	5.830	5.814	5.858	VV	174	3395	0.02%	0.001%
50	5.913	5.858	5.948	VV	263	6347	0.04%	0.002%
51	5.972	5.948	6.032	VV	3712	42586	0.30%	0.014%
52	6.040	6.032	6.082	VV	180	3499	0.02%	0.001%
53	6.087	6.082	6.097	VV	107	713	0.00%	0.000%
54	6.122	6.097	6.132	PV	188	2137	0.01%	0.001%
55	6.148	6.132	6.181	VV	152	2752	0.02%	0.001%
56	6.213	6.181	6.234	VV	122	2599	0.02%	0.001%
57	6.294	6.234	6.441	VV	748227	7238608	50.55%	2.464%
58	6.464	6.441	6.528	VV	980	27922	0.19%	0.010%
59	6.537	6.528	6.571	VV	415	8944	0.06%	0.003%
60	6.594	6.571	6.624	VV	565	12778	0.09%	0.004%
61	6.632	6.624	6.681	VV	373	10529	0.07%	0.004%
62	6.690	6.681	6.714	VV	352	4676	0.03%	0.002%
63	6.755	6.714	6.891	VV	671681	6851459	47.85%	2.332%
64	6.909	6.891	6.997	VV	780	24298	0.17%	0.008%
65	7.080	6.997	7.102	VV	349	15094	0.11%	0.005%
66	7.176	7.102	7.219	VV	784	23793	0.17%	0.008%
67	7.241	7.219	7.270	VV	4552	54986	0.38%	0.019%
68	7.293	7.270	7.351	VV	13265	149271	1.04%	0.051%
69	7.391	7.351	7.509	VV	688229	7104510	49.62%	2.418%
70	7.528	7.509	7.568	VV	1651	35811	0.25%	0.012%
71	7.590	7.568	7.604	VV	3286	44839	0.31%	0.015%
72	7.613	7.604	7.644	VV	2143	27725	0.19%	0.009%
73	7.666	7.644	7.683	VV	1647	22585	0.16%	0.008%
74	7.701	7.683	7.741	VV	2022	29360	0.21%	0.010%
75	7.762	7.741	7.775	VV	770	11416	0.08%	0.004%
76	7.784	7.775	7.812	VV	646	9187	0.06%	0.003%
77	7.822	7.812	7.831	VV	202	1879	0.01%	0.001%
78	7.836	7.831	7.854	VV	168	2131	0.01%	0.001%
79	7.876	7.854	7.901	VV	1089	13666	0.10%	0.005%

80	7.924	7.901	7.963	VV	345	7357	0.05%	0.003%
81	8.114	8.098	8.130	VV	1290	23060	0.16%	0.008%
82	8.145	8.130	8.175	VV	1692	31461	0.22%	0.011%
83	8.183	8.175	8.216	VV	539	11213	0.08%	0.004%
84	8.230	8.216	8.252	VV	426	7699	0.05%	0.003%
85	8.275	8.252	8.298	VV	1159	16611	0.12%	0.006%
86	8.331	8.298	8.370	VV	1218	21071	0.15%	0.007%
87	8.405	8.370	8.427	VV	250	6225	0.04%	0.002%
88	8.438	8.427	8.461	VV	305	4384	0.03%	0.001%
89	8.488	8.461	8.524	VV	527	12740	0.09%	0.004%
90	8.586	8.524	8.661	VV	688583	7194705	50.25%	2.449%
91	8.694	8.661	8.851	VV	747199	7646306	53.40%	2.603%
92	8.994	8.960	9.111	VV	782890	7999329	55.87%	2.723%
93	9.118	9.111	9.160	VV	720	13779	0.10%	0.005%
94	9.192	9.160	9.244	VV	399	16335	0.11%	0.006%
95	9.268	9.244	9.294	VV	1874	26219	0.18%	0.009%
96	9.315	9.294	9.368	VV	806	20002	0.14%	0.007%
97	9.408	9.368	9.542	VV	1115	25822	0.18%	0.009%
98	9.550	9.542	9.578	VV	103	1315	0.01%	0.000%
99	9.597	9.578	9.651	VV	165	3949	0.03%	0.001%
100	9.658	9.651	9.707	VV	116	1597	0.01%	0.001%
101	9.738	9.707	9.746	PV	295	3584	0.03%	0.001%
102	9.783	9.746	9.910	VV	758524	7836442	54.73%	2.667%
103	9.927	9.910	9.941	VV	689	11329	0.08%	0.004%
104	9.969	9.941	9.979	VV	2530	31940	0.22%	0.011%
105	9.995	9.979	10.034	VV	4857	65933	0.46%	0.022%
106	10.058	10.034	10.154	VV	69007	814859	5.69%	0.277%
107	10.192	10.154	10.276	VV	707943	7948291	55.51%	2.705%
108	10.292	10.276	10.315	VV	603	11834	0.08%	0.004%
109	10.331	10.315	10.385	VV	345	10940	0.08%	0.004%
110	10.395	10.385	10.435	VV	192	4373	0.03%	0.001%
111	10.470	10.435	10.508	VV	593	10508	0.07%	0.004%
112	10.531	10.508	10.564	VV	5980	69751	0.49%	0.024%
113	10.578	10.564	10.607	VV	399	6453	0.05%	0.002%
114	10.629	10.607	10.647	VV	247	4464	0.03%	0.002%
115	10.657	10.647	10.689	VV	186	3764	0.03%	0.001%
116	10.705	10.689	10.791	VV	296	8446	0.06%	0.003%
117	10.822	10.791	10.831	VV	232	2949	0.02%	0.001%
118	10.850	10.831	10.870	VV	348	6308	0.04%	0.002%
119	10.883	10.870	10.909	VV	383	5970	0.04%	0.002%
120	10.929	10.909	10.961	VV	622	9543	0.07%	0.003%
121	10.991	10.961	11.058	VV	5664	77405	0.54%	0.026%
122	11.070	11.058	11.105	VV	225	4171	0.03%	0.001%
123	11.189	11.105	11.231	PV	719330	7812046	54.56%	2.659%
124	11.266	11.231	11.328	VV	701349	7846261	54.80%	2.671%
125	11.338	11.328	11.411	VV	2535	70755	0.49%	0.024%
126	11.436	11.411	11.463	VV	3396	49446	0.35%	0.017%

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127	11.484	11.463	11.539	VV	1399	34613	0.24%	0.012%
128	11.564	11.539	11.584	VV	863	15963	0.11%	0.005%
129	11.635	11.584	11.692	VV	705427	8148405	56.91%	2.774%
130	11.708	11.692	11.750	VV	1128	25706	0.18%	0.009%
131	11.760	11.750	11.778	VV	462	5985	0.04%	0.002%
132	11.791	11.778	11.813	VV	612	8685	0.06%	0.003%
133	11.826	11.813	11.847	VV	345	5019	0.04%	0.002%
134	11.867	11.847	11.878	VV	297	4049	0.03%	0.001%
135	11.888	11.878	11.911	VV	281	4134	0.03%	0.001%
136	11.953	11.911	12.011	VV	459881	4971366	34.72%	1.692%
137	12.020	12.011	12.034	VV	606	7043	0.05%	0.002%
138	12.049	12.034	12.062	VV	512	7601	0.05%	0.003%
139	12.084	12.062	12.121	VV	791	20073	0.14%	0.007%
140	12.143	12.121	12.153	VV	741	11066	0.08%	0.004%
141	12.162	12.153	12.206	VV	771	13584	0.09%	0.005%
142	12.237	12.206	12.264	VV	505	10171	0.07%	0.003%
143	12.302	12.264	12.335	VV	715	16994	0.12%	0.006%
144	12.357	12.335	12.374	VV	572	7819	0.05%	0.003%
145	12.394	12.374	12.438	VV	1874	24887	0.17%	0.008%
146	12.461	12.438	12.488	VV	206	3079	0.02%	0.001%
147	12.545	12.488	12.562	PV	487	8160	0.06%	0.003%
148	12.596	12.562	12.610	VV	373	8033	0.06%	0.003%
149	12.635	12.610	12.718	VV	3477	62926	0.44%	0.021%
150	12.766	12.718	12.820	VV	3269	49649	0.35%	0.017%
151	12.838	12.820	12.851	VV	128	1425	0.01%	0.000%
152	12.886	12.851	12.904	VV	612	9425	0.07%	0.003%
153	12.945	12.904	12.976	VV	692623	8133061	56.80%	2.768%
154	13.011	12.976	13.167	VV	637810	7558726	52.79%	2.573%
155	13.193	13.167	13.267	VV	5430	75840	0.53%	0.026%
156	13.310	13.267	13.343	VV	640505	7425874	51.86%	2.528%
157	13.388	13.343	13.480	VV	324551	3990431	27.87%	1.358%
158	13.499	13.480	13.516	VV	860	15799	0.11%	0.005%
159	13.557	13.516	13.723	VV	640671	7802559	54.49%	2.656%
160	13.745	13.723	13.778	VV	433	9894	0.07%	0.003%
161	13.784	13.778	13.807	VV	221	2718	0.02%	0.001%
162	13.817	13.807	13.843	VV	195	2257	0.02%	0.001%
163	13.864	13.843	13.883	PV	130	2311	0.02%	0.001%
164	13.898	13.883	13.914	VV	228	2813	0.02%	0.001%
165	13.927	13.914	13.944	VV	230	2850	0.02%	0.001%
166	13.982	13.944	14.043	VV	1772	37076	0.26%	0.013%
167	14.091	14.043	14.104	VV	1256	19708	0.14%	0.007%
168	14.143	14.104	14.221	VV	603312	7638912	53.35%	2.600%
169	14.231	14.221	14.288	VV	537	12282	0.09%	0.004%
170	14.292	14.288	14.297	VV	224	1049	0.01%	0.000%
171	14.315	14.297	14.344	VV	812	11467	0.08%	0.004%
172	14.377	14.344	14.408	VV	163	4493	0.03%	0.002%
173	14.475	14.408	14.495	VV	213	6737	0.05%	0.002%
174	14.581	14.495	14.678	VV	18488	270487	1.89%	0.092%

175	14.704	14.678	14.731	VV	rteres 2023	31368	0.22%	0.011%
176	14.764	14.731	14.787	VV	560	12586	0.09%	0.004%
177	14.809	14.787	14.881	VV	649	12670	0.09%	0.004%
178	14.920	14.881	14.972	PV	534	9723	0.07%	0.003%
179	14.985	14.972	14.995	PV	166	1328	0.01%	0.000%
180	15.098	14.995	15.145	VV	364	17715	0.12%	0.006%
181	15.189	15.145	15.209	VV	517747	6780216	47.35%	2.308%
182	15.236	15.209	15.389	VV	853691	14318962	100.00%	4.874%
183	15.408	15.389	15.514	VV	1599	61279	0.43%	0.021%
184	15.536	15.514	15.589	VV	446	15337	0.11%	0.005%
185	15.626	15.589	15.736	VV	17864	448069	3.13%	0.153%
186	15.761	15.736	15.801	VV	3683	58840	0.41%	0.020%
187	15.839	15.801	15.874	VV	1968	40694	0.28%	0.014%
188	15.886	15.874	15.920	VV	442	7514	0.05%	0.003%
189	15.950	15.920	15.969	VV	217	4676	0.03%	0.002%
190	16.028	15.969	16.060	VV	516	12179	0.09%	0.004%
191	16.099	16.060	16.120	VV	1148	18305	0.13%	0.006%
192	16.136	16.120	16.197	VV	745	24267	0.17%	0.008%
193	16.268	16.197	16.315	VV	540286	7128431	49.78%	2.426%
194	16.327	16.315	16.421	VV	647	17696	0.12%	0.006%
195	16.462	16.421	16.553	PV	16816	213261	1.49%	0.073%
196	16.568	16.553	16.594	VV	182	3558	0.02%	0.001%
197	16.657	16.594	16.687	VV	1366	37759	0.26%	0.013%
198	16.749	16.687	16.765	VV	439816	6908054	48.24%	2.351%
199	16.783	16.765	16.851	VV	577865	6788159	47.41%	2.311%
200	16.875	16.851	17.022	VV	9084	234111	1.63%	0.080%
201	17.052	17.022	17.068	VV	706	15931	0.11%	0.005%
202	17.129	17.068	17.177	VV	461323	6193596	43.25%	2.108%
203	17.215	17.177	17.389	VV	507181	7065443	49.34%	2.405%
204	17.406	17.389	17.432	VV	403	9175	0.06%	0.003%
205	17.451	17.432	17.462	VV	467	6463	0.05%	0.002%
206	17.484	17.462	17.496	VV	455	7570	0.05%	0.003%
207	17.507	17.496	17.523	VV	419	6035	0.04%	0.002%
208	17.552	17.523	17.574	VV	671	14288	0.10%	0.005%
209	17.600	17.574	17.619	VV	961	19903	0.14%	0.007%
210	17.662	17.619	17.708	VV	4503	88018	0.61%	0.030%
211	17.748	17.708	17.781	VV	1315	30659	0.21%	0.010%
212	17.827	17.781	17.846	VV	662	20220	0.14%	0.007%
213	17.893	17.846	17.921	VV	611	23377	0.16%	0.008%
214	17.992	17.921	18.026	VV	5780	114925	0.80%	0.039%
215	18.105	18.026	18.161	VV	489791	6823182	47.65%	2.322%
216	18.191	18.161	18.213	VV	3583	68192	0.48%	0.023%
217	18.220	18.213	18.263	VV	1528	37317	0.26%	0.013%
218	18.288	18.263	18.311	VV	1353	34197	0.24%	0.012%
219	18.337	18.311	18.366	VV	1694	44658	0.31%	0.015%
220	18.429	18.366	18.442	VV	2636	72686	0.51%	0.025%
221	18.502	18.442	18.519	VV	437746	6855048	47.87%	2.333%

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222	18.541	18.519	18.708	VV	509731	7443118	51.98%	2.533%
223	18.762	18.708	18.881	VV	472727	7344337	51.29%	2.500%
224	18.936	18.881	18.994	VV	479147	6743390	47.09%	2.295%
225	19.033	18.994	19.066	VV	5457	166315	1.16%	0.057%
226	19.091	19.066	19.134	VV	3844	136384	0.95%	0.046%
227	19.244	19.134	19.268	VV	4439	294264	2.06%	0.100%
228	19.324	19.268	19.383	VV	9257	459198	3.21%	0.156%
229	19.403	19.383	19.443	VV	4804	170103	1.19%	0.058%
230	19.491	19.443	19.510	VV	5287	201890	1.41%	0.069%
231	19.529	19.510	19.554	VV	5702	135396	0.95%	0.046%
232	19.624	19.554	19.647	VV	5567	282741	1.97%	0.096%
233	19.719	19.647	19.763	VV	451333	6922942	48.35%	2.356%
234	19.778	19.763	19.804	VV	7969	180158	1.26%	0.061%
235	19.828	19.804	19.848	VV	7635	184936	1.29%	0.063%
236	19.890	19.848	19.933	VV	7580	360968	2.52%	0.123%
237	20.007	19.933	20.034	VV	7884	447472	3.13%	0.152%
238	20.088	20.034	20.146	VV	11050	593778	4.15%	0.202%
239	20.203	20.146	20.210	VV	8999	335484	2.34%	0.114%
240	20.277	20.210	20.289	VV	11233	463152	3.23%	0.158%
241	20.343	20.289	20.383	VV	12163	655057	4.57%	0.223%
242	20.459	20.383	20.503	VV	453350	7117127	49.70%	2.423%
243	20.564	20.503	20.583	VV	20671	823195	5.75%	0.280%
244	20.594	20.583	20.606	VV	20759	278377	1.94%	0.095%
245	20.618	20.606	20.672	VV	20835	676662	4.73%	0.230%
246	20.686	20.672	20.708	VV	14338	308130	2.15%	0.105%
247	20.769	20.708	20.776	VV	15334	606416	4.24%	0.206%
248	20.813	20.776	20.847	VV	18092	699813	4.89%	0.238%
249	20.981	20.847	21.043	VV	16994	1931413	13.49%	0.657%
250	21.207	21.043	21.302	VV	391414	9080419	63.42%	3.091%
251	21.312	21.302	21.331	VV	17327	297727	2.08%	0.101%
252	21.361	21.331	21.401	VV	17317	722768	5.05%	0.246%
253	21.410	21.401	21.441	VV	17045	403990	2.82%	0.138%
254	21.452	21.441	21.458	VV	16820	167311	1.17%	0.057%
255	21.466	21.458	21.489	VV	16710	313344	2.19%	0.107%
256	21.527	21.489	21.587	VV	17118	987662	6.90%	0.336%
257	21.638	21.587	21.721	VV	19069	1386902	9.69%	0.472%
258	21.727	21.721	21.748	VV	16361	260754	1.82%	0.089%
259	21.758	21.748	21.778	VV	16186	292832	2.05%	0.100%
260	21.792	21.778	21.798	VV	16104	196434	1.37%	0.067%
261	21.807	21.798	21.819	VV	16129	199018	1.39%	0.068%
262	21.871	21.819	21.930	VV	16026	1059322	7.40%	0.361%
263	21.943	21.930	21.979	VV	15780	460857	3.22%	0.157%
264	21.996	21.979	22.064	VV	15720	791435	5.53%	0.269%
265	22.137	22.064	22.201	VBA	282507	7870282	54.96%	2.679%

Sum of corrected areas: 293791730