

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061923AL\
 Data File : FE042735.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2023 07:15
 Sample : 03322-01MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.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	3.260	3.204	3.280	BV	3134	31832	0.12%	0.009%
2	3.311	3.280	3.411	VV	444225	4459299	17.39%	1.220%
3	3.452	3.411	3.471	VV	961	21161	0.08%	0.006%
4	3.482	3.471	3.506	VV	525	7828	0.03%	0.002%
5	3.526	3.506	3.544	VV	468	7692	0.03%	0.002%
6	3.554	3.544	3.575	VV	305	3670	0.01%	0.001%
7	3.594	3.575	3.608	VV	234	3414	0.01%	0.001%
8	3.625	3.608	3.638	VV	546	6455	0.03%	0.002%
9	3.664	3.638	3.718	VV	1014	30784	0.12%	0.008%
10	3.735	3.718	3.747	VV	787	10349	0.04%	0.003%
11	3.764	3.747	3.822	VV	846	23625	0.09%	0.006%
12	3.837	3.822	3.871	VV	361	5975	0.02%	0.002%
13	3.897	3.871	3.934	PV	592	10257	0.04%	0.003%
14	3.945	3.934	3.967	VV	450	4661	0.02%	0.001%
15	3.997	3.967	4.065	VV	432	9201	0.04%	0.003%
16	4.102	4.065	4.151	VV	419	11728	0.05%	0.003%
17	4.178	4.151	4.224	VV	590	13018	0.05%	0.004%
18	4.263	4.224	4.274	VV	1677	26592	0.10%	0.007%
19	4.286	4.274	4.313	VV	1979	26339	0.10%	0.007%
20	4.329	4.313	4.406	VV	774	18393	0.07%	0.005%
21	4.415	4.406	4.438	VV	183	2512	0.01%	0.001%
22	4.454	4.438	4.482	VV	234	3069	0.01%	0.001%
23	4.501	4.482	4.528	VV	165	2821	0.01%	0.001%
24	4.564	4.528	4.582	VV	545640	5186947	20.23%	1.419%
25	4.601	4.582	4.701	VV	524694	5368300	20.94%	1.468%
26	4.718	4.701	4.758	VV	808	20919	0.08%	0.006%
27	4.791	4.758	4.831	VV	1223	29285	0.11%	0.008%
28	4.846	4.831	4.861	VV	703	9803	0.04%	0.003%
29	4.871	4.861	4.884	VV	544	6213	0.02%	0.002%
30	4.905	4.884	4.914	VV	372	6055	0.02%	0.002%
31	4.925	4.914	4.941	VV	384	4875	0.02%	0.001%

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32	4.976	4.941	4.986	VV	351	7647	0.03%	0.002%
33	5.005	4.986	5.013	VV	395	5693	0.02%	0.002%
34	5.034	5.013	5.050	VV	487	9289	0.04%	0.003%
35	5.070	5.050	5.124	VV	747	18155	0.07%	0.005%
36	5.144	5.124	5.164	VV	286	4989	0.02%	0.001%
37	5.182	5.164	5.196	VV	244	3918	0.02%	0.001%
38	5.222	5.196	5.250	VV	978	13818	0.05%	0.004%
39	5.265	5.250	5.302	VV	429	8842	0.03%	0.002%
40	5.321	5.302	5.364	VV	426	13000	0.05%	0.004%
41	5.378	5.364	5.391	VV	334	4300	0.02%	0.001%
42	5.405	5.391	5.427	VV	442	5469	0.02%	0.001%
43	5.474	5.427	5.491	VV	1398	19116	0.07%	0.005%
44	5.505	5.491	5.534	VV	1106	15580	0.06%	0.004%
45	5.558	5.534	5.620	VV	639	13871	0.05%	0.004%
46	5.637	5.620	5.654	PV	141	1654	0.01%	0.000%
47	5.699	5.654	5.737	VV	2020	29698	0.12%	0.008%
48	5.750	5.737	5.771	VV	372	4967	0.02%	0.001%
49	5.803	5.771	5.836	VV	466	12313	0.05%	0.003%
50	5.846	5.836	5.861	VV	133	1690	0.01%	0.000%
51	5.883	5.861	5.923	VV	554	9179	0.04%	0.003%
52	5.948	5.923	5.984	VV	2943	37043	0.14%	0.010%
53	6.011	5.984	6.079	VV	566	18255	0.07%	0.005%
54	6.089	6.079	6.098	VV	241	2136	0.01%	0.001%
55	6.116	6.098	6.154	VV	258	5095	0.02%	0.001%
56	6.178	6.154	6.197	PV	345	4532	0.02%	0.001%
57	6.230	6.197	6.240	VV	345	5489	0.02%	0.002%
58	6.272	6.240	6.408	VV	604568	6143024	23.96%	1.680%
59	6.440	6.408	6.509	VV	1115	39561	0.15%	0.011%
60	6.523	6.509	6.538	VV	516	7295	0.03%	0.002%
61	6.571	6.538	6.634	VV	954	29635	0.12%	0.008%
62	6.650	6.634	6.696	VV	525	15470	0.06%	0.004%
63	6.732	6.696	6.801	VV	582854	6022778	23.49%	1.647%
64	6.811	6.801	6.866	VV	802	19801	0.08%	0.005%
65	6.884	6.866	6.908	VV	1197	18810	0.07%	0.005%
66	6.918	6.908	6.951	VV	590	9679	0.04%	0.003%
67	6.958	6.951	6.970	VV	168	1588	0.01%	0.000%
68	7.011	6.970	7.033	VV	326	8354	0.03%	0.002%
69	7.058	7.033	7.108	VV	662	14856	0.06%	0.004%
70	7.138	7.108	7.190	VV	775	24720	0.10%	0.007%
71	7.229	7.190	7.248	VV	2542	41780	0.16%	0.011%
72	7.271	7.248	7.327	VV	11724	150972	0.59%	0.041%
73	7.369	7.327	7.441	VV	608263	6253011	24.39%	1.710%
74	7.450	7.441	7.490	VV	1972	45937	0.18%	0.013%
75	7.506	7.490	7.528	VV	1897	29077	0.11%	0.008%
76	7.568	7.528	7.621	VV	2933	84250	0.33%	0.023%
77	7.645	7.621	7.660	VV	1609	24856	0.10%	0.007%
78	7.678	7.660	7.721	VV	2871	47262	0.18%	0.013%
79	7.739	7.721	7.788	VV	901	22313	0.09%	0.006%

80	7.807	7.788	7.824	VV	276	3893	0.02%	0.001%
81	7.852	7.824	7.891	VV	1376	20270	0.08%	0.006%
82	7.906	7.891	7.941	VV	403	5028	0.02%	0.001%
83	8.108	8.084	8.182	VV	1726	62182	0.24%	0.017%
84	8.205	8.182	8.225	VV	592	10975	0.04%	0.003%
85	8.252	8.225	8.273	VV	1562	23006	0.09%	0.006%
86	8.309	8.273	8.350	VV	1634	38235	0.15%	0.010%
87	8.380	8.350	8.420	VV	1046	24152	0.09%	0.007%
88	8.464	8.420	8.474	VV	1032	22607	0.09%	0.006%
89	8.485	8.474	8.504	VV	1047	14694	0.06%	0.004%
90	8.515	8.504	8.524	VV	831	8378	0.03%	0.002%
91	8.563	8.524	8.624	VV	626047	6724477	26.23%	1.839%
92	8.673	8.624	8.771	VV	671839	6939325	27.06%	1.898%
93	8.796	8.771	8.835	VV	1923	37909	0.15%	0.010%
94	8.973	8.940	9.074	VV	707264	7209781	28.12%	1.972%
95	9.096	9.074	9.136	VV	1965	44125	0.17%	0.012%
96	9.155	9.136	9.174	VV	812	15198	0.06%	0.004%
97	9.213	9.174	9.231	VV	891	23503	0.09%	0.006%
98	9.249	9.231	9.272	VV	2017	28664	0.11%	0.008%
99	9.305	9.272	9.364	VV	1575	47498	0.19%	0.013%
100	9.386	9.364	9.410	VV	3501	46326	0.18%	0.013%
101	9.423	9.410	9.454	VV	1004	15476	0.06%	0.004%
102	9.483	9.454	9.508	VV	783	13737	0.05%	0.004%
103	9.538	9.508	9.556	VV	1004	13559	0.05%	0.004%
104	9.573	9.556	9.598	VV	703	9923	0.04%	0.003%
105	9.624	9.598	9.656	VV	1467	22218	0.09%	0.006%
106	9.677	9.656	9.698	VV	882	13313	0.05%	0.004%
107	9.719	9.698	9.730	VV	2414	25553	0.10%	0.007%
108	9.762	9.730	9.824	VV	638049	6977908	27.21%	1.909%
109	9.835	9.824	9.873	VV	2348	46220	0.18%	0.013%
110	9.904	9.873	9.925	VV	1955	38144	0.15%	0.010%
111	9.945	9.925	9.958	VV	2728	35766	0.14%	0.010%
112	9.974	9.958	10.009	VV	4256	62892	0.25%	0.017%
113	10.040	10.009	10.071	VV	11998	165546	0.65%	0.045%
114	10.081	10.071	10.094	VV	1720	22326	0.09%	0.006%
115	10.103	10.094	10.130	VV	1789	27564	0.11%	0.008%
116	10.170	10.130	10.242	VV	661125	7329423	28.59%	2.005%
117	10.274	10.242	10.318	VV	760	18798	0.07%	0.005%
118	10.343	10.318	10.369	PV	484	6512	0.03%	0.002%
119	10.383	10.369	10.423	VV	201	1518	0.01%	0.000%
120	10.450	10.423	10.484	PV	594	10333	0.04%	0.003%
121	10.510	10.484	10.538	VV	1637	24582	0.10%	0.007%
122	10.557	10.538	10.581	VV	1631	24491	0.10%	0.007%
123	10.614	10.581	10.628	VV	1181	22037	0.09%	0.006%
124	10.645	10.628	10.668	VV	1592	24691	0.10%	0.007%
125	10.689	10.668	10.725	VV	1177	24179	0.09%	0.007%
126	10.762	10.725	10.801	VV	1202	28826	0.11%	0.008%

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127	10.825	10.801	10.854	VV	1411	31468	0.12%	0.009%
128	10.863	10.854	10.878	VV	1033	12273	0.05%	0.003%
129	10.907	10.878	10.947	VV	4189	75543	0.29%	0.021%
130	10.973	10.947	11.024	VV	6984	114483	0.45%	0.031%
131	11.037	11.024	11.084	VV	597	14289	0.06%	0.004%
132	11.170	11.084	11.213	PV	603636	6841412	26.68%	1.871%
133	11.247	11.213	11.345	VV	614622	6858798	26.75%	1.876%
134	11.354	11.345	11.393	VV	1156	23621	0.09%	0.006%
135	11.414	11.393	11.447	VV	3146	42142	0.16%	0.012%
136	11.474	11.447	11.504	VV	1964	32105	0.13%	0.009%
137	11.539	11.504	11.571	VV	1032	32606	0.13%	0.009%
138	11.614	11.571	11.672	VV	625247	7366929	28.73%	2.015%
139	11.699	11.672	11.734	VV	3444	63256	0.25%	0.017%
140	11.767	11.734	11.786	VV	1109	17604	0.07%	0.005%
141	11.816	11.786	11.841	VV	1026	24315	0.09%	0.007%
142	11.867	11.841	11.887	VV	905	17624	0.07%	0.005%
143	11.933	11.887	11.961	VV	587634	6551122	25.55%	1.792%
144	11.972	11.961	11.988	VV	4316	54208	0.21%	0.015%
145	12.005	11.988	12.036	VV	4845	74030	0.29%	0.020%
146	12.085	12.036	12.105	VV	4792	104554	0.41%	0.029%
147	12.120	12.105	12.135	VV	4336	53763	0.21%	0.015%
148	12.151	12.135	12.198	VV	5015	71355	0.28%	0.020%
149	12.221	12.198	12.240	PV	641	10297	0.04%	0.003%
150	12.279	12.240	12.316	VV	4287	78565	0.31%	0.021%
151	12.338	12.316	12.358	VV	2290	35764	0.14%	0.010%
152	12.373	12.358	12.418	VV	1685	29852	0.12%	0.008%
153	12.443	12.418	12.462	VV	1561	19814	0.08%	0.005%
154	12.470	12.462	12.486	VV	694	7207	0.03%	0.002%
155	12.531	12.486	12.566	VV	26641	302106	1.18%	0.083%
156	12.584	12.566	12.604	VV	1096	18347	0.07%	0.005%
157	12.647	12.604	12.681	VV	1742	54512	0.21%	0.015%
158	12.694	12.681	12.708	VV	1173	16606	0.06%	0.005%
159	12.715	12.708	12.726	VV	1209	11884	0.05%	0.003%
160	12.747	12.726	12.804	VV	3199	73625	0.29%	0.020%
161	12.831	12.804	12.849	PV	2298	34618	0.14%	0.009%
162	12.872	12.849	12.889	VV	5923	80698	0.31%	0.022%
163	12.924	12.889	12.957	VV	596648	7324653	28.57%	2.004%
164	12.994	12.957	13.073	VV	572404	6697217	26.12%	1.832%
165	13.088	13.073	13.103	VV	762	9942	0.04%	0.003%
166	13.128	13.103	13.156	VV	2235	45595	0.18%	0.012%
167	13.176	13.156	13.219	VV	5990	92308	0.36%	0.025%
168	13.230	13.219	13.258	VV	1328	19777	0.08%	0.005%
169	13.293	13.258	13.326	VV	554969	6600365	25.74%	1.805%
170	13.369	13.326	13.445	VV	415609	5229509	20.40%	1.430%
171	13.466	13.445	13.501	VV	1567	36907	0.14%	0.010%
172	13.536	13.501	13.603	VV	568630	6975607	27.21%	1.908%
173	13.620	13.603	13.664	VV	1785	31265	0.12%	0.009%
174	13.707	13.664	13.726	PV	1483	38493	0.15%	0.011%

175	13.751	13.726	13.782	VV	rteres 3363	62443	0.24%	0.017%
176	13.791	13.782	13.824	VV	728	11331	0.04%	0.003%
177	13.878	13.824	13.928	PV	7968	154994	0.60%	0.042%
178	13.987	13.928	14.006	VV	4151	86441	0.34%	0.024%
179	14.026	14.006	14.050	VV	5114	71523	0.28%	0.020%
180	14.069	14.050	14.085	VV	1633	26884	0.10%	0.007%
181	14.124	14.085	14.178	VV	542776	6927159	27.02%	1.895%
182	14.196	14.178	14.231	VV	4729	69245	0.27%	0.019%
183	14.241	14.231	14.251	VV	500	5501	0.02%	0.002%
184	14.275	14.251	14.284	VV	616	9986	0.04%	0.003%
185	14.304	14.284	14.319	VV	1239	16980	0.07%	0.005%
186	14.344	14.319	14.378	VV	889	21183	0.08%	0.006%
187	14.397	14.378	14.417	VV	422	6490	0.03%	0.002%
188	14.432	14.417	14.444	VV	388	4205	0.02%	0.001%
189	14.488	14.444	14.498	VV	758	16678	0.07%	0.005%
190	14.564	14.498	14.601	VV	17701	293920	1.15%	0.080%
191	14.619	14.601	14.657	VV	3223	66846	0.26%	0.018%
192	14.684	14.657	14.704	VV	4925	74312	0.29%	0.020%
193	14.718	14.704	14.766	VV	2790	63342	0.25%	0.017%
194	14.795	14.766	14.833	VV	3616	83257	0.32%	0.023%
195	14.855	14.833	14.878	VV	6500	94247	0.37%	0.026%
196	14.900	14.878	14.914	VV	1762	34651	0.14%	0.009%
197	14.927	14.914	14.958	VV	2208	33279	0.13%	0.009%
198	14.977	14.958	15.001	PV	1445	21317	0.08%	0.006%
199	15.059	15.001	15.098	VV	3334	75621	0.29%	0.021%
200	15.125	15.098	15.138	PV	1768	21371	0.08%	0.006%
201	15.174	15.138	15.194	VV	463744	5941376	23.17%	1.625%
202	15.221	15.194	15.291	VV	878877	12424728	48.46%	3.399%
203	15.332	15.291	15.379	VV	5432	127349	0.50%	0.035%
204	15.396	15.379	15.441	VV	1756	41512	0.16%	0.011%
205	15.479	15.441	15.498	VV	2003	32845	0.13%	0.009%
206	15.514	15.498	15.524	VV	1384	18539	0.07%	0.005%
207	15.532	15.524	15.542	VV	1150	11162	0.04%	0.003%
208	15.555	15.542	15.563	VV	922	11212	0.04%	0.003%
209	15.622	15.563	15.698	VV	13739	403127	1.57%	0.110%
210	15.744	15.698	15.778	VV	5619	105647	0.41%	0.029%
211	15.815	15.778	15.825	VV	5254	79163	0.31%	0.022%
212	15.841	15.825	15.862	VV	7861	110173	0.43%	0.030%
213	15.879	15.862	15.911	VV	3598	56522	0.22%	0.015%
214	15.931	15.911	15.951	PV	1053	17181	0.07%	0.005%
215	16.004	15.951	16.034	VV	4231	111626	0.44%	0.031%
216	16.047	16.034	16.054	VV	336	3292	0.01%	0.001%
217	16.079	16.054	16.101	VV	1910	25777	0.10%	0.007%
218	16.126	16.101	16.138	VV	667	8266	0.03%	0.002%
219	16.165	16.138	16.190	VV	992	16118	0.06%	0.004%
220	16.249	16.190	16.297	VV	475642	6369949	24.84%	1.742%
221	16.310	16.297	16.330	VV	891	11680	0.05%	0.003%

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222	16.372	16.330	16.401	VV	559	12535	0.05%	0.003%
223	16.443	16.401	16.471	PV	15784	231619	0.90%	0.063%
224	16.485	16.471	16.498	VV	2073	29630	0.12%	0.008%
225	16.546	16.498	16.571	VV	4688	137993	0.54%	0.038%
226	16.597	16.571	16.618	VV	3381	81304	0.32%	0.022%
227	16.645	16.618	16.680	VV	6952	181396	0.71%	0.050%
228	16.736	16.680	16.752	VV	383236	6103350	23.80%	1.669%
229	16.769	16.752	16.838	VV	483392	5817312	22.69%	1.591%
230	16.863	16.838	16.886	VV	11019	227875	0.89%	0.062%
231	16.897	16.886	16.913	VV	6400	100948	0.39%	0.028%
232	16.928	16.913	16.941	VV	6397	104622	0.41%	0.029%
233	16.954	16.941	16.968	VV	6118	96194	0.38%	0.026%
234	17.053	16.968	17.078	VV	23651	739287	2.88%	0.202%
235	17.118	17.078	17.152	VV	392912	5557029	21.67%	1.520%
236	17.199	17.152	17.234	VV	467154	6718822	26.20%	1.838%
237	17.246	17.234	17.302	VV	13625	479914	1.87%	0.131%
238	17.371	17.302	17.388	VV	12731	593059	2.31%	0.162%
239	17.512	17.388	17.546	VV	16302	1366283	5.33%	0.374%
240	17.641	17.546	17.670	VV	24187	1380339	5.38%	0.378%
241	17.691	17.670	17.707	VV	18883	406290	1.58%	0.111%
242	17.725	17.707	17.734	VV	19365	312701	1.22%	0.086%
243	17.855	17.846	17.861	VV	20090	172795	0.67%	0.047%
244	17.891	17.861	17.899	VV	21748	473568	1.85%	0.130%
245	17.916	17.899	17.930	VV	21815	391997	1.53%	0.107%
246	17.978	17.930	18.006	VV	28556	1097143	4.28%	0.300%
247	18.089	18.006	18.133	VV	471820	8041708	31.36%	2.200%
248	18.231	18.133	18.243	VV	33550	1842576	7.19%	0.504%
249	18.256	18.243	18.310	VV	32658	1265434	4.94%	0.346%
250	18.495	18.310	18.510	VV	389315	9752102	38.03%	2.668%
251	18.530	18.510	18.583	VV	452437	7021738	27.39%	1.921%
252	18.610	18.583	18.644	VV	47562	1637525	6.39%	0.448%
253	18.656	18.644	18.688	VV	44470	1158281	4.52%	0.317%
254	18.753	18.688	18.801	VV	439977	8419078	32.84%	2.303%
255	18.813	18.801	18.835	VV	48082	996168	3.89%	0.272%
256	18.845	18.835	18.853	VV	47962	494007	1.93%	0.135%
257	18.919	18.853	18.954	VV	466274	9181434	35.81%	2.511%
258	18.978	18.954	18.988	VV	54309	1067602	4.16%	0.292%
259	19.020	18.988	19.038	VV	59825	1681113	6.56%	0.460%
260	19.111	19.097	19.124	VV	57215	909533	3.55%	0.249%
261	19.352	19.340	19.382	VV	70771	1741003	6.79%	0.476%
262	19.493	19.474	19.503	VV	68308	1157258	4.51%	0.317%
263	19.705	19.634	19.749	VV	500630	12169379	47.46%	3.329%
264	19.768	19.749	19.794	VV	93444	2511056	9.79%	0.687%
265	19.828	19.794	19.844	VV	98897	2804532	10.94%	0.767%
266	19.961	19.940	19.988	VV	113082	3092775	12.06%	0.846%
267	20.178	20.167	20.192	VV	115708	1695897	6.61%	0.464%
268	20.446	20.391	20.498	VV	532606	14851989	57.92%	4.063%
269	20.533	20.498	20.552	VV	143247	4595821	17.92%	1.257%

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270	20.561	20.552	20.568	VV	139985	1326992	5.18%	0.363%
271	20.591	20.568	20.600	VV	150125	2768877	10.80%	0.757%
272	20.850	20.825	20.864	VV	157161	3592025	14.01%	0.983%
273	21.193	21.114	21.335	VV	477285	25640546	100.00%	7.014%
274	21.343	21.335	21.364	VV	142133	2479216	9.67%	0.678%
275	21.577	21.568	21.592	VV	150385	2188585	8.54%	0.599%
276	21.695	21.684	21.721	VV	135016	2968161	11.58%	0.812%
277	21.955	21.924	21.964	VV	141763	3408273	13.29%	0.932%
278	22.005	21.994	22.060	VV	141971	5356856	20.89%	1.465%
279	22.125	22.060	22.180	VV	385285	15466490	60.32%	4.231%
280	22.192	22.180	22.201	VBA	128217	1789639	6.98%	0.490%

Sum of corrected areas: 365580760

Aliphatic EPH 061723.M Tue Jun 20 15:39:29 2023