

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070623AL\
 Data File : FE043108.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2023 15:28
 Sample : 03514-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.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	3.227	3.204	3.250	PH	-22673	-728817	-9.45%	-1.507%
2	3.262	3.250	3.284	PV	-18202	-286082	-3.71%	-0.591%
3	3.294	3.284	3.354	PV	122	1182	0.02%	0.002%
4	3.409	3.354	3.444	PV	241	6928	0.09%	0.014%
5	3.467	3.444	3.509	VV	742	11795	0.15%	0.024%
6	3.537	3.509	3.593	VV	176	5691	0.07%	0.012%
7	3.624	3.593	3.646	VV	615	9607	0.12%	0.020%
8	3.655	3.646	3.681	VV	238	3617	0.05%	0.007%
9	3.706	3.681	3.723	VV	1380	16306	0.21%	0.034%
10	3.755	3.723	3.847	VV	10025	134124	1.74%	0.277%
11	3.873	3.847	3.928	VV	6240	82456	1.07%	0.170%
12	3.958	3.928	4.004	VV	1006	24814	0.32%	0.051%
13	4.027	4.004	4.044	VV	677	10406	0.13%	0.022%
14	4.063	4.044	4.124	VV	457	17912	0.23%	0.037%
15	4.143	4.124	4.209	VV	623	23994	0.31%	0.050%
16	4.235	4.209	4.288	VV	1149	33317	0.43%	0.069%
17	4.304	4.288	4.334	VV	533	12942	0.17%	0.027%
18	4.341	4.334	4.381	VV	443	10438	0.14%	0.022%
19	4.399	4.381	4.431	VV	352	10309	0.13%	0.021%
20	4.446	4.431	4.498	VV	414	12431	0.16%	0.026%
21	4.534	4.498	4.561	VV	514	13690	0.18%	0.028%
22	4.571	4.561	4.681	VV	360	18957	0.25%	0.039%
23	4.699	4.681	4.738	VV	331	9097	0.12%	0.019%
24	4.750	4.738	4.801	VV	406	9431	0.12%	0.019%
25	4.818	4.801	4.882	VV	368	8071	0.10%	0.017%
26	4.917	4.882	4.943	VV	169	4888	0.06%	0.010%
27	4.969	4.943	5.051	VV	205	9504	0.12%	0.020%
28	5.086	5.051	5.113	VV	256	7557	0.10%	0.016%
29	5.127	5.113	5.138	VV	228	2404	0.03%	0.005%
30	5.192	5.138	5.271	VV	260	15273	0.20%	0.032%
31	5.301	5.271	5.331	VV	483	9868	0.13%	0.020%

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32	5.337	5.331	5.378	VV	204	4836	0.06%	0.010%
33	5.399	5.378	5.417	VV	180	3494	0.05%	0.007%
34	5.426	5.417	5.438	VV	247	2377	0.03%	0.005%
35	5.447	5.438	5.459	VV	311	2563	0.03%	0.005%
36	5.486	5.459	5.534	VV	360	11242	0.15%	0.023%
37	5.540	5.534	5.568	VV	195	3784	0.05%	0.008%
38	5.579	5.568	5.654	VV	218	7511	0.10%	0.016%
39	5.673	5.654	5.698	VV	260	5165	0.07%	0.011%
40	5.746	5.698	5.760	VV	313	7907	0.10%	0.016%
41	5.777	5.760	5.837	VV	409	9867	0.13%	0.020%
42	5.849	5.837	5.901	VV	247	6461	0.08%	0.013%
43	5.936	5.901	5.959	VV	322	6969	0.09%	0.014%
44	5.976	5.959	6.019	VV	221	4404	0.06%	0.009%
45	6.058	6.019	6.069	PV	149	2899	0.04%	0.006%
46	6.074	6.069	6.093	VV	132	1296	0.02%	0.003%
47	6.109	6.093	6.125	VV	139	1965	0.03%	0.004%
48	6.199	6.125	6.213	VV	207	6348	0.08%	0.013%
49	6.256	6.213	6.381	VV	523	29424	0.38%	0.061%
50	6.420	6.381	6.457	VV	402	13592	0.18%	0.028%
51	6.503	6.457	6.534	VV	354	12521	0.16%	0.026%
52	6.545	6.534	6.561	VV	360	5246	0.07%	0.011%
53	6.571	6.561	6.621	VV	396	11729	0.15%	0.024%
54	6.705	6.621	6.761	VV	461	29543	0.38%	0.061%
55	6.778	6.761	6.816	VV	346	10806	0.14%	0.022%
56	6.826	6.816	6.848	VV	321	5020	0.07%	0.010%
57	6.854	6.848	6.873	VV	355	4057	0.05%	0.008%
58	6.891	6.873	6.900	VV	282	3795	0.05%	0.008%
59	6.909	6.900	6.946	VV	262	5689	0.07%	0.012%
60	6.966	6.946	6.974	VV	216	2770	0.04%	0.006%
61	6.987	6.974	7.014	VV	208	3766	0.05%	0.008%
62	7.028	7.014	7.071	VV	163	3199	0.04%	0.007%
63	7.109	7.071	7.134	VV	385	6361	0.08%	0.013%
64	7.169	7.134	7.198	VV	419	11180	0.14%	0.023%
65	7.205	7.198	7.218	VV	296	3567	0.05%	0.007%
66	7.221	7.218	7.227	VV	327	1640	0.02%	0.003%
67	7.249	7.227	7.306	VV	789	19680	0.26%	0.041%
68	7.380	7.306	7.414	VV	554	15417	0.20%	0.032%
69	7.422	7.414	7.434	VV	283	2808	0.04%	0.006%
70	7.455	7.434	7.500	VV	620	11114	0.14%	0.023%
71	7.525	7.500	7.538	VV	238	3450	0.04%	0.007%
72	7.550	7.538	7.598	VV	182	4002	0.05%	0.008%
73	7.608	7.598	7.627	VV	131	1848	0.02%	0.004%
74	7.666	7.627	7.708	PV	618	12498	0.16%	0.026%
75	7.724	7.708	7.758	VV	177	2301	0.03%	0.005%
76	7.804	7.758	7.861	VV	154	3958	0.05%	0.008%
77	7.866	7.861	7.881	VV	67	453	0.01%	0.001%
78	8.267	8.258	8.311	VV	670	15783	0.20%	0.033%
79	8.352	8.311	8.374	VV	428	13830	0.18%	0.029%

80	8.390	8.374	8.411	VV	405	7935	0.10%	0.016%
81	8.438	8.411	8.478	VV	658	20404	0.26%	0.042%
82	8.506	8.478	8.516	VV	2424	34702	0.45%	0.072%
83	8.528	8.516	8.678	VV	2440	65919	0.85%	0.136%
84	8.691	8.678	8.718	VV	396	5967	0.08%	0.012%
85	8.729	8.718	8.742	VV	184	2048	0.03%	0.004%
86	8.774	8.742	8.810	VV	564	10483	0.14%	0.022%
87	9.070	9.058	9.101	VV	1122	24762	0.32%	0.051%
88	9.107	9.101	9.169	VV	853	27140	0.35%	0.056%
89	9.177	9.169	9.204	VV	528	10478	0.14%	0.022%
90	9.216	9.204	9.222	VV	518	5202	0.07%	0.011%
91	9.265	9.222	9.338	VV	2587	69127	0.90%	0.143%
92	9.362	9.338	9.424	VV	777	22613	0.29%	0.047%
93	9.434	9.424	9.442	VV	317	2980	0.04%	0.006%
94	9.447	9.442	9.458	VV	284	2137	0.03%	0.004%
95	9.466	9.458	9.534	VV	289	8501	0.11%	0.018%
96	9.552	9.534	9.579	VV	222	4589	0.06%	0.009%
97	9.594	9.579	9.631	VV	193	4647	0.06%	0.010%
98	9.642	9.631	9.649	VV	168	1622	0.02%	0.003%
99	9.709	9.649	9.721	VV	444	9986	0.13%	0.021%
100	9.749	9.721	9.807	VV	452	16790	0.22%	0.035%
101	9.822	9.807	9.838	VV	258	3770	0.05%	0.008%
102	9.863	9.838	9.900	VV	264	7606	0.10%	0.016%
103	9.917	9.900	9.958	VV	286	5370	0.07%	0.011%
104	9.979	9.958	9.998	PV	333	4439	0.06%	0.009%
105	10.022	9.998	10.121	VV	10587	243635	3.16%	0.504%
106	10.140	10.121	10.228	VV	1220	33271	0.43%	0.069%
107	10.246	10.228	10.281	VV	235	5842	0.08%	0.012%
108	10.319	10.281	10.351	VV	277	8376	0.11%	0.017%
109	10.354	10.351	10.408	VV	193	2023	0.03%	0.004%
110	10.422	10.408	10.439	VV	121	1056	0.01%	0.002%
111	10.486	10.439	10.514	PV	1509	22941	0.30%	0.047%
112	10.524	10.514	10.552	VV	391	6082	0.08%	0.013%
113	10.567	10.552	10.587	VV	163	3274	0.04%	0.007%
114	10.605	10.587	10.640	VV	239	5337	0.07%	0.011%
115	10.661	10.640	10.681	VV	696	8729	0.11%	0.018%
116	10.694	10.681	10.718	VV	154	2490	0.03%	0.005%
117	10.731	10.718	10.742	VV	152	1402	0.02%	0.003%
118	10.805	10.742	10.826	VV	397	12240	0.16%	0.025%
119	10.842	10.826	10.861	VV	563	8226	0.11%	0.017%
120	10.881	10.861	10.924	VV	692	12987	0.17%	0.027%
121	10.951	10.924	10.973	VV	342	6819	0.09%	0.014%
122	10.988	10.973	11.037	VV	337	7409	0.10%	0.015%
123	11.071	11.037	11.085	VV	220	4406	0.06%	0.009%
124	11.100	11.085	11.118	VV	237	3524	0.05%	0.007%
125	11.135	11.118	11.148	VV	142	1858	0.02%	0.004%
126	11.173	11.148	11.189	VV	285	4298	0.06%	0.009%

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127	11.224	11.189	11.237	VV	252	5059	0.07%	0.010%
128	11.255	11.237	11.308	VV	287	6264	0.08%	0.013%
129	11.329	11.308	11.368	VV	334	6166	0.08%	0.013%
130	11.385	11.368	11.414	VV	406	5170	0.07%	0.011%
131	11.437	11.414	11.458	VV	221	3902	0.05%	0.008%
132	11.475	11.458	11.488	VV	237	2532	0.03%	0.005%
133	11.515	11.488	11.544	VV	2164	27874	0.36%	0.058%
134	11.597	11.544	11.633	VV	3490	59354	0.77%	0.123%
135	11.667	11.633	11.717	VV	1030	22530	0.29%	0.047%
136	11.746	11.717	11.761	VV	277	3802	0.05%	0.008%
137	11.779	11.761	11.805	VV	291	3864	0.05%	0.008%
138	11.842	11.805	11.852	PV	161	2038	0.03%	0.004%
139	11.904	11.852	12.017	VV	690481	7711169	100.00%	15.940%
140	12.039	12.017	12.174	VV	764	32980	0.43%	0.068%
141	12.192	12.174	12.213	VV	321	5328	0.07%	0.011%
142	12.251	12.213	12.288	VV	679	16575	0.21%	0.034%
143	12.307	12.288	12.326	VV	359	5779	0.07%	0.012%
144	12.345	12.326	12.368	VV	512	8040	0.10%	0.017%
145	12.409	12.368	12.451	VV	486	12937	0.17%	0.027%
146	12.503	12.451	12.566	VV	3943	53174	0.69%	0.110%
147	12.580	12.566	12.607	VV	344	6278	0.08%	0.013%
148	12.660	12.607	12.683	VV	535	15125	0.20%	0.031%
149	12.708	12.683	12.735	VV	631	11577	0.15%	0.024%
150	12.747	12.735	12.781	VV	278	4341	0.06%	0.009%
151	12.834	12.781	12.868	VV	964	18980	0.25%	0.039%
152	12.897	12.868	12.937	VV	1123	20372	0.26%	0.042%
153	12.963	12.937	12.995	VV	361	8902	0.12%	0.018%
154	13.010	12.995	13.067	VV	348	6546	0.08%	0.014%
155	13.083	13.067	13.104	PV	109	1229	0.02%	0.003%
156	13.114	13.104	13.121	VV	96	572	0.01%	0.001%
157	13.151	13.121	13.195	VV	132	3950	0.05%	0.008%
158	13.216	13.195	13.230	PV	165	1518	0.02%	0.003%
159	13.267	13.230	13.300	VV	607	11986	0.16%	0.025%
160	13.341	13.300	13.431	VV	520542	6150751	79.76%	12.714%
161	13.445	13.431	13.483	VV	624	14422	0.19%	0.030%
162	13.507	13.483	13.538	VV	1084	19002	0.25%	0.039%
163	13.546	13.538	13.611	VV	368	11430	0.15%	0.024%
164	13.629	13.611	13.688	VV	314	8300	0.11%	0.017%
165	13.706	13.688	13.752	VV	256	5405	0.07%	0.011%
166	13.774	13.752	13.788	VV	176	2433	0.03%	0.005%
167	13.795	13.788	13.819	VV	166	1706	0.02%	0.004%
168	13.831	13.819	13.858	VV	69	1250	0.02%	0.003%
169	13.886	13.858	13.914	VV	188	3727	0.05%	0.008%
170	13.918	13.914	13.926	VV	139	678	0.01%	0.001%
171	13.945	13.926	13.997	VV	230	4297	0.06%	0.009%
172	14.044	13.997	14.067	VV	763	13078	0.17%	0.027%
173	14.090	14.067	14.134	VV	1149	20732	0.27%	0.043%
174	14.147	14.134	14.211	VV	212	5703	0.07%	0.012%

175	14.217	14.211	14.234	VV	184	1451	0.02%	0.003%
176	14.247	14.234	14.264	VV	121	1285	0.02%	0.003%
177	14.274	14.264	14.291	PV	94	734	0.01%	0.002%
178	14.303	14.291	14.354	PV	192	3601	0.05%	0.007%
179	14.387	14.354	14.407	VV	117	1985	0.03%	0.004%
180	14.529	14.407	14.577	VV	1987	48419	0.63%	0.100%
181	14.594	14.577	14.628	VV	393	8925	0.12%	0.018%
182	14.654	14.628	14.678	VV	1355	19943	0.26%	0.041%
183	14.692	14.678	14.701	VV	517	6554	0.08%	0.014%
184	14.717	14.701	14.744	VV	847	13300	0.17%	0.027%
185	14.758	14.744	14.818	VV	376	8455	0.11%	0.017%
186	14.896	14.818	14.931	VV	218	7029	0.09%	0.015%
187	14.941	14.931	14.952	VV	109	975	0.01%	0.002%
188	14.966	14.952	14.979	PV	122	935	0.01%	0.002%
189	15.008	14.979	15.016	PV	118	1843	0.02%	0.004%
190	15.032	15.016	15.048	VV	287	2966	0.04%	0.006%
191	15.084	15.048	15.101	VV	277	6903	0.09%	0.014%
192	15.115	15.101	15.124	VV	238	2949	0.04%	0.006%
193	15.193	15.124	15.217	VV	1760	39723	0.52%	0.082%
194	15.242	15.217	15.307	VV	2575	42226	0.55%	0.087%
195	15.380	15.307	15.418	VV	226	8243	0.11%	0.017%
196	15.495	15.418	15.548	PV	1240	26552	0.34%	0.055%
197	15.584	15.548	15.692	VV	15808	516583	6.70%	1.068%
198	15.714	15.692	15.751	VV	2604	51236	0.66%	0.106%
199	15.785	15.751	15.811	VV	6792	103551	1.34%	0.214%
200	15.820	15.811	15.891	VV	889	22907	0.30%	0.047%
201	15.977	15.891	15.996	VV	194	7021	0.09%	0.015%
202	16.053	15.996	16.101	VV	187	5053	0.07%	0.010%
203	16.142	16.101	16.163	VV	545	14422	0.19%	0.030%
204	16.176	16.163	16.190	VV	493	7139	0.09%	0.015%
205	16.215	16.190	16.250	VV	1939	31355	0.41%	0.065%
206	16.281	16.250	16.314	VV	1021	18373	0.24%	0.038%
207	16.340	16.314	16.374	VV	296	6208	0.08%	0.013%
208	16.411	16.374	16.447	PV	347	9035	0.12%	0.019%
209	16.498	16.447	16.558	VV	509	22236	0.29%	0.046%
210	16.623	16.558	16.676	VV	2311	97898	1.27%	0.202%
211	16.698	16.676	16.735	VV	2970	60322	0.78%	0.125%
212	16.772	16.735	16.801	VV	2095	51218	0.66%	0.106%
213	16.832	16.801	16.950	VV	13348	282489	3.66%	0.584%
214	16.977	16.950	16.988	VV	904	19478	0.25%	0.040%
215	17.041	16.988	17.074	VV	1014	46580	0.60%	0.096%
216	17.164	17.074	17.184	VV	3452	113266	1.47%	0.234%
217	17.212	17.184	17.279	VV	6327	151464	1.96%	0.313%
218	17.296	17.279	17.307	VV	1208	19555	0.25%	0.040%
219	17.353	17.307	17.368	VV	1516	47967	0.62%	0.099%
220	17.395	17.368	17.430	VV	1598	53502	0.69%	0.111%
221	17.498	17.430	17.521	VV	2288	89403	1.16%	0.185%

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222	17.579	17.521	17.589	VV	2769	85104	1.10%	0.176%
223	17.614	17.589	17.641	VV	5069	107059	1.39%	0.221%
224	17.655	17.641	17.667	VV	2125	31766	0.41%	0.066%
225	17.700	17.667	17.763	VV	2721	126505	1.64%	0.261%
226	17.787	17.763	17.808	VV	2400	56714	0.74%	0.117%
227	17.822	17.808	17.851	VV	2107	51665	0.67%	0.107%
228	17.899	17.851	17.917	VV	2191	80551	1.04%	0.167%
229	17.951	17.917	17.978	VV	2619	85483	1.11%	0.177%
230	18.052	17.978	18.081	VV	6347	223300	2.90%	0.462%
231	18.095	18.081	18.108	VV	2611	40391	0.52%	0.083%
232	18.143	18.108	18.169	VV	6638	150518	1.95%	0.311%
233	18.196	18.169	18.259	VV	4381	186930	2.42%	0.386%
234	18.280	18.259	18.308	VV	3770	99588	1.29%	0.206%
235	18.372	18.308	18.395	VV	4488	189101	2.45%	0.391%
236	18.436	18.395	18.447	VV	8032	193229	2.51%	0.399%
237	18.474	18.447	18.542	VV	11031	424870	5.51%	0.878%
238	18.561	18.542	18.610	VV	5772	201757	2.62%	0.417%
239	18.625	18.610	18.667	VV	4134	137769	1.79%	0.285%
240	18.718	18.667	18.751	VV	5516	235557	3.05%	0.487%
241	18.762	18.751	18.804	VV	4809	142888	1.85%	0.295%
242	18.885	18.804	18.930	VV	8341	406606	5.27%	0.840%
243	18.986	18.930	19.012	VV	9270	309027	4.01%	0.639%
244	19.037	19.012	19.065	VV	6410	184252	2.39%	0.381%
245	19.149	19.065	19.167	VV	5973	341107	4.42%	0.705%
246	19.281	19.167	19.354	VV	11320	869973	11.28%	1.798%
247	19.383	19.354	19.395	VV	8079	188147	2.44%	0.389%
248	19.410	19.395	19.460	VV	8072	306482	3.97%	0.634%
249	19.482	19.460	19.502	VV	8095	195747	2.54%	0.405%
250	19.542	19.502	19.554	VV	8125	241726	3.13%	0.500%
251	19.572	19.554	19.623	VV	8482	337374	4.38%	0.697%
252	19.669	19.623	19.708	VV	11257	469963	6.09%	0.971%
253	19.730	19.708	19.753	VV	10488	261540	3.39%	0.541%
254	19.780	19.753	19.810	VV	10498	335042	4.34%	0.693%
255	19.843	19.810	19.874	VV	9865	365135	4.74%	0.755%
256	19.956	19.874	19.985	VV	10624	663157	8.60%	1.371%
257	20.043	19.985	20.068	VV	13063	579119	7.51%	1.197%
258	20.093	20.068	20.113	VV	11751	312394	4.05%	0.646%
259	20.154	20.113	20.168	VV	11858	379355	4.92%	0.784%
260	20.291	20.168	20.311	VV	14200	1099469	14.26%	2.273%
261	20.320	20.311	20.332	VV	13882	173139	2.25%	0.358%
262	20.416	20.332	20.544	VV	20118	2138736	27.74%	4.421%
263	20.569	20.544	20.594	VV	18374	514377	6.67%	1.063%
264	20.679	20.594	20.701	VV	17239	1063147	13.79%	2.198%
265	20.766	20.701	20.801	VV	19041	1071645	13.90%	2.215%
266	20.808	20.801	20.831	VV	17923	318975	4.14%	0.659%
267	20.908	20.831	20.918	VV	18120	929197	12.05%	1.921%
268	20.956	20.918	20.976	VV	18268	637857	8.27%	1.319%
269	21.020	20.976	21.030	VV	18478	592426	7.68%	1.225%

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270	21.042	21.030	21.057	VV	18592	295678	3.83%	0.611%
271	21.073	21.057	21.091	VV	18562	381249	4.94%	0.788%
272	21.103	21.091	21.113	VV	18530	241531	3.13%	0.499%
273	21.145	21.113	21.223	VV	19848	1249507	16.20%	2.583%
274	21.248	21.223	21.265	VV	18526	462653	6.00%	0.956%
275	21.300	21.265	21.335	VV	18415	770750	10.00%	1.593%
276	21.345	21.335	21.374	VV	18340	425772	5.52%	0.880%
277	21.391	21.374	21.416	VV	18281	458146	5.94%	0.947%
278	21.455	21.416	21.524	VV	18444	1175658	15.25%	2.430%
279	21.570	21.524	21.654	VV	19064	1422913	18.45%	2.941%
280	21.671	21.654	21.681	VV	17793	289567	3.76%	0.599%
281	21.733	21.681	21.791	VV	17793	1158985	15.03%	2.396%
282	21.806	21.791	21.850	VV	17664	625396	8.11%	1.293%
283	21.861	21.850	21.869	VV	17406	193110	2.50%	0.399%
284	21.874	21.869	21.904	VV	17445	368505	4.78%	0.762%
285	21.911	21.904	21.937	VV	17546	340487	4.42%	0.704%
286	21.959	21.937	21.991	VV	17349	558902	7.25%	1.155%
287	22.056	21.991	22.088	VV	18211	1028304	13.34%	2.126%
288	22.098	22.088	22.184	VV	17275	969412	12.57%	2.004%
289	22.194	22.184	22.208	VV	16579	230453	2.99%	0.476%
290	22.238	22.208	22.251	VBA	16520	454749	5.90%	0.940%

Sum of corrected areas: 48377357

Aliphatic EPH 062123.M Thu Jul 06 17:34:15 2023