

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073123AL\
 Data File : FE043632.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2023 12:32
 Sample : 03788-01DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.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	3.331	3.325	3.348	PV	136	709	0.02%	0.001%
2	3.355	3.348	3.364	PV	73	485	0.01%	0.001%
3	3.450	3.364	3.479	VV	215	7413	0.17%	0.008%
4	3.551	3.479	3.567	VV	203	6418	0.15%	0.007%
5	3.583	3.567	3.588	VV	155	1617	0.04%	0.002%
6	3.613	3.588	3.675	VV	268	9114	0.21%	0.010%
7	3.692	3.675	3.710	VV	345	5353	0.12%	0.006%
8	3.744	3.710	3.804	VV	978	20525	0.48%	0.022%
9	3.863	3.804	3.929	VV	495	15251	0.35%	0.016%
10	3.941	3.929	4.005	VV	220	7880	0.18%	0.008%
11	4.019	4.005	4.044	VV	215	4472	0.10%	0.005%
12	4.064	4.044	4.097	VV	484	8250	0.19%	0.009%
13	4.107	4.097	4.115	VV	238	1992	0.05%	0.002%
14	4.121	4.115	4.148	VV	223	2781	0.06%	0.003%
15	4.174	4.148	4.195	VV	185	3707	0.09%	0.004%
16	4.213	4.195	4.283	VV	251	9606	0.22%	0.010%
17	4.302	4.283	4.332	VV	216	5076	0.12%	0.005%
18	4.344	4.332	4.398	VV	261	6538	0.15%	0.007%
19	4.409	4.398	4.475	VV	205	6875	0.16%	0.007%
20	4.482	4.475	4.510	VV	156	3132	0.07%	0.003%
21	4.525	4.510	4.540	VV	234	2939	0.07%	0.003%
22	4.554	4.540	4.581	VV	199	3545	0.08%	0.004%
23	4.594	4.581	4.604	VV	172	2159	0.05%	0.002%
24	4.630	4.604	4.664	VV	354	6358	0.15%	0.007%
25	4.679	4.664	4.698	VV	158	2662	0.06%	0.003%
26	4.705	4.698	4.717	VV	187	1699	0.04%	0.002%
27	4.755	4.717	4.789	VV	298	8479	0.20%	0.009%
28	4.805	4.789	4.816	VV	236	2735	0.06%	0.003%
29	4.836	4.816	4.868	VV	190	5072	0.12%	0.005%
30	4.928	4.868	4.948	VV	197	7157	0.17%	0.008%
31	4.966	4.948	4.998	VV	183	3999	0.09%	0.004%

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32	5.026	4.998	5.041	VV	208	3731	0.09%	0.004%
33	5.091	5.041	5.118	VV	222	6612	0.15%	0.007%
34	5.127	5.118	5.165	VV	153	3452	0.08%	0.004%
35	5.171	5.165	5.194	VV	139	1866	0.04%	0.002%
36	5.228	5.194	5.237	VV	158	2867	0.07%	0.003%
37	5.283	5.237	5.304	VV	190	5102	0.12%	0.005%
38	5.334	5.304	5.345	VV	131	2755	0.06%	0.003%
39	5.464	5.345	5.486	VV	381	12257	0.28%	0.013%
40	5.498	5.486	5.539	VV	122	3257	0.08%	0.003%
41	5.545	5.539	5.561	VV	133	1294	0.03%	0.001%
42	5.588	5.561	5.611	VV	168	2827	0.07%	0.003%
43	5.621	5.611	5.629	PV	101	709	0.02%	0.001%
44	5.661	5.629	5.672	VV	180	3075	0.07%	0.003%
45	5.689	5.672	5.698	VV	223	2260	0.05%	0.002%
46	5.705	5.698	5.721	VV	135	1439	0.03%	0.002%
47	5.731	5.721	5.739	VV	130	916	0.02%	0.001%
48	5.760	5.739	5.788	VV	185	3384	0.08%	0.004%
49	5.791	5.788	5.799	VV	113	540	0.01%	0.001%
50	5.816	5.799	5.941	VV	134	7093	0.16%	0.007%
51	5.951	5.941	5.982	VV	143	2269	0.05%	0.002%
52	5.991	5.982	6.001	PV	90	792	0.02%	0.001%
53	6.007	6.001	6.046	VV	108	1662	0.04%	0.002%
54	6.061	6.046	6.118	VV	151	2468	0.06%	0.003%
55	6.135	6.118	6.159	PV	92	1242	0.03%	0.001%
56	6.184	6.159	6.223	VV	92	1524	0.04%	0.002%
57	6.245	6.223	6.252	VV	115	1142	0.03%	0.001%
58	6.260	6.252	6.344	VV	117	3470	0.08%	0.004%
59	6.389	6.344	6.415	PV	165	3946	0.09%	0.004%
60	6.424	6.415	6.436	VV	159	1332	0.03%	0.001%
61	6.472	6.436	6.488	VV	160	3219	0.07%	0.003%
62	6.504	6.488	6.525	VV	160	2233	0.05%	0.002%
63	6.554	6.525	6.571	VV	151	2179	0.05%	0.002%
64	6.621	6.571	6.667	PV	147	4983	0.12%	0.005%
65	6.729	6.667	6.740	VV	148	4207	0.10%	0.004%
66	6.780	6.740	6.798	VV	201	4155	0.10%	0.004%
67	6.817	6.798	6.869	VV	142	3401	0.08%	0.004%
68	6.882	6.869	6.900	VV	115	1098	0.03%	0.001%
69	6.911	6.900	6.930	VV	98	1041	0.02%	0.001%
70	7.005	6.930	7.022	VV	115	1911	0.04%	0.002%
71	7.095	7.022	7.131	PV	140	2531	0.06%	0.003%
72	7.235	7.131	7.245	VV	155	5079	0.12%	0.005%
73	7.256	7.245	7.329	VV	140	3619	0.08%	0.004%
74	7.406	7.329	7.436	VV	243	7411	0.17%	0.008%
75	7.464	7.436	7.494	PV	119	3440	0.08%	0.004%
76	7.506	7.494	7.558	VV	143	3562	0.08%	0.004%
77	7.588	7.558	7.595	VV	170	2753	0.06%	0.003%
78	7.615	7.595	7.624	VV	278	3066	0.07%	0.003%
79	7.664	7.624	7.684	VV	267	6742	0.16%	0.007%

80	7.705	7.684	7.734	VV	210	3572	0.08%	0.004%
81	7.755	7.734	7.768	VV	66	888	0.02%	0.001%
82	7.775	7.768	7.780	PV	63	324	0.01%	0.000%
83	7.804	7.780	7.826	VV	285	4766	0.11%	0.005%
84	7.838	7.826	7.871	VV	188	2716	0.06%	0.003%
85	7.922	7.871	7.930	PV	672	8855	0.21%	0.009%
86	7.955	7.930	8.051	VV	37822	582082	13.48%	0.614%
87	8.065	8.051	8.141	VV	1862	69402	1.61%	0.073%
88	8.154	8.141	8.177	VV	879	17477	0.40%	0.018%
89	8.206	8.177	8.224	VV	948	23163	0.54%	0.024%
90	8.246	8.224	8.288	VV	1761	40105	0.93%	0.042%
91	8.335	8.288	8.346	VV	1296	32708	0.76%	0.035%
92	8.351	8.346	8.368	VV	1221	13725	0.32%	0.014%
93	8.391	8.368	8.408	VV	1360	25803	0.60%	0.027%
94	8.449	8.408	8.465	VV	1244	38426	0.89%	0.041%
95	8.489	8.465	8.497	VV	1715	28127	0.65%	0.030%
96	8.519	8.497	8.568	VV	2361	71694	1.66%	0.076%
97	8.594	8.568	8.608	VV	1448	33724	0.78%	0.036%
98	8.672	8.608	8.718	VV	6270	162319	3.76%	0.171%
99	8.737	8.718	8.751	VV	1944	36948	0.86%	0.039%
100	8.774	8.751	8.818	VV	2480	83511	1.93%	0.088%
101	8.841	8.818	8.884	VV	15320	338809	7.84%	0.358%
102	8.900	8.884	8.933	VV	6973	167650	3.88%	0.177%
103	8.970	8.933	8.995	VV	9960	239289	5.54%	0.253%
104	9.036	8.995	9.090	VV	8149	304329	7.05%	0.321%
105	9.107	9.090	9.117	VV	4070	62632	1.45%	0.066%
106	9.139	9.117	9.154	VV	5302	101912	2.36%	0.108%
107	9.170	9.154	9.191	VV	5100	105333	2.44%	0.111%
108	9.208	9.191	9.225	VV	5923	103593	2.40%	0.109%
109	9.266	9.225	9.294	VV	13720	322459	7.47%	0.340%
110	9.309	9.294	9.326	VV	5622	101417	2.35%	0.107%
111	9.354	9.326	9.367	VV	5543	130854	3.03%	0.138%
112	9.387	9.367	9.397	VV	6300	104687	2.42%	0.111%
113	9.426	9.397	9.455	VV	6400	207059	4.79%	0.219%
114	9.496	9.455	9.516	VV	6243	212830	4.93%	0.225%
115	9.550	9.516	9.568	VV	7956	212154	4.91%	0.224%
116	9.583	9.568	9.601	VV	7285	141713	3.28%	0.150%
117	9.650	9.601	9.675	VV	11157	385729	8.93%	0.407%
118	9.731	9.675	9.764	VV	19568	609015	14.10%	0.643%
119	9.797	9.764	9.830	VV	12867	427151	9.89%	0.451%
120	9.842	9.830	9.858	VV	9935	160574	3.72%	0.170%
121	9.878	9.858	9.922	VV	10964	406053	9.40%	0.429%
122	9.959	9.922	9.978	VV	11327	356444	8.25%	0.376%
123	10.004	9.978	10.018	VV	11286	260445	6.03%	0.275%
124	10.036	10.018	10.049	VV	11856	217972	5.05%	0.230%
125	10.082	10.049	10.108	VV	13526	445973	10.33%	0.471%
126	10.128	10.108	10.151	VV	14128	338756	7.84%	0.358%

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127	10.182	10.151	10.190	VV	13911	315561	7.31%	0.333%
128	10.226	10.190	10.264	VV	15204	636643	14.74%	0.672%
129	10.320	10.264	10.340	VV	15598	677963	15.70%	0.716%
130	10.362	10.340	10.378	VV	16547	360183	8.34%	0.380%
131	10.397	10.378	10.411	VV	16763	331238	7.67%	0.350%
132	10.437	10.411	10.448	VV	17499	371937	8.61%	0.393%
133	10.469	10.448	10.483	VV	18602	383285	8.87%	0.405%
134	10.512	10.483	10.538	VV	34116	815717	18.89%	0.861%
135	10.595	10.538	10.638	VV	22181	1256441	29.09%	1.326%
136	10.659	10.638	10.686	VV	24333	627079	14.52%	0.662%
137	10.713	10.686	10.737	VV	21804	655091	15.17%	0.692%
138	10.792	10.737	10.815	VV	24740	1076681	24.93%	1.137%
139	10.865	10.815	10.875	VV	26777	885120	20.49%	0.934%
140	10.893	10.875	10.903	VV	27446	445821	10.32%	0.471%
141	10.935	10.903	10.965	VV	73983	1626514	37.66%	1.717%
142	10.978	10.965	11.044	VV	29568	1300256	30.10%	1.373%
143	11.064	11.044	11.080	VV	28597	592566	13.72%	0.626%
144	11.098	11.080	11.111	VV	28736	516704	11.96%	0.545%
145	11.137	11.111	11.165	VV	32069	955601	22.12%	1.009%
146	11.188	11.165	11.202	VV	31069	657610	15.22%	0.694%
147	11.212	11.202	11.231	VV	30638	532936	12.34%	0.563%
148	11.257	11.231	11.302	VV	33742	1339393	31.01%	1.414%
149	11.347	11.302	11.364	VV	34142	1167115	27.02%	1.232%
150	11.392	11.364	11.405	VV	32863	789953	18.29%	0.834%
151	11.442	11.405	11.470	VV	33140	1272507	29.46%	1.343%
152	11.537	11.470	11.550	VV	35383	1632517	37.80%	1.723%
153	11.564	11.550	11.605	VV	34907	1114967	25.81%	1.177%
154	11.657	11.605	11.688	VV	59675	2079079	48.13%	2.195%
155	11.701	11.688	11.710	VV	34849	448593	10.39%	0.474%
156	11.724	11.710	11.745	VV	34517	710153	16.44%	0.750%
157	11.885	11.745	11.916	VV	101966	4319333	100.00%	4.560%
158	11.938	11.916	11.953	VV	38333	832746	19.28%	0.879%
159	11.970	11.953	11.992	VV	38304	852714	19.74%	0.900%
160	12.068	11.992	12.100	VV	39047	2401734	55.60%	2.535%
161	12.118	12.100	12.161	VV	38393	1354222	31.35%	1.430%
162	12.181	12.161	12.195	VV	38978	744967	17.25%	0.786%
163	12.216	12.195	12.288	VV	46519	2177678	50.42%	2.299%
164	12.304	12.288	12.315	VV	36188	567309	13.13%	0.599%
165	12.346	12.315	12.414	VV	38046	2147498	49.72%	2.267%
166	12.434	12.414	12.451	VV	36417	780426	18.07%	0.824%
167	12.461	12.451	12.478	VV	36123	559652	12.96%	0.591%
168	12.498	12.478	12.517	VV	36280	823029	19.05%	0.869%
169	12.544	12.517	12.579	VV	36488	1307308	30.27%	1.380%
170	12.599	12.579	12.618	VV	35629	791826	18.33%	0.836%
171	12.629	12.618	12.646	VV	35789	589946	13.66%	0.623%
172	12.654	12.646	12.693	VV	34735	933196	21.61%	0.985%
173	12.729	12.693	12.781	VV	34616	1721126	39.85%	1.817%
174	12.800	12.781	12.828	VV	35643	947956	21.95%	1.001%

175	12.837	12.828	12.856	VV	rteres 33350	538438	12.47%	0.568%
176	12.879	12.856	12.928	VV	34935	1393661	32.27%	1.471%
177	12.951	12.928	13.011	VV	41509	1693614	39.21%	1.788%
178	13.021	13.011	13.049	VV	30794	667881	15.46%	0.705%
179	13.067	13.049	13.105	VV	29701	950293	22.00%	1.003%
180	13.141	13.105	13.187	VV	29341	1392937	32.25%	1.470%
181	13.206	13.187	13.224	VV	27356	590772	13.68%	0.624%
182	13.249	13.224	13.298	VV	39530	1371307	31.75%	1.448%
183	13.324	13.298	13.354	VV	70847	1458873	33.78%	1.540%
184	13.370	13.354	13.478	VV	30295	1939798	44.91%	2.048%
185	13.494	13.478	13.511	VV	27407	511128	11.83%	0.540%
186	13.530	13.511	13.601	VV	25168	1290948	29.89%	1.363%
187	13.649	13.601	13.684	VV	23224	1115869	25.83%	1.178%
188	13.714	13.684	13.741	VV	25269	791538	18.33%	0.836%
189	13.758	13.741	13.782	VV	22437	534413	12.37%	0.564%
190	13.797	13.782	13.811	VV	21271	363175	8.41%	0.383%
191	13.828	13.811	13.891	VV	21534	1004664	23.26%	1.061%
192	13.925	13.891	13.941	VV	20632	603665	13.98%	0.637%
193	13.954	13.941	13.971	VV	20476	365660	8.47%	0.386%
194	13.987	13.971	14.051	VV	20865	908523	21.03%	0.959%
195	14.074	14.051	14.096	VV	18896	484724	11.22%	0.512%
196	14.123	14.096	14.143	VV	18312	503903	11.67%	0.532%
197	14.157	14.143	14.201	VV	16964	571935	13.24%	0.604%
198	14.215	14.201	14.261	VV	16733	569957	13.20%	0.602%
199	14.310	14.261	14.341	VV	17227	749873	17.36%	0.792%
200	14.360	14.341	14.424	VV	14849	686465	15.89%	0.725%
201	14.466	14.424	14.568	VV	13608	1097471	25.41%	1.159%
202	14.580	14.568	14.620	VV	12398	364561	8.44%	0.385%
203	14.637	14.620	14.683	VV	12389	425850	9.86%	0.450%
204	14.701	14.683	14.720	VV	11333	239234	5.54%	0.253%
205	14.762	14.720	14.801	VV	11924	515401	11.93%	0.544%
206	14.818	14.801	14.865	VV	10988	373035	8.64%	0.394%
207	14.886	14.865	14.905	VV	9342	207780	4.81%	0.219%
208	14.925	14.905	14.957	VV	8510	255435	5.91%	0.270%
209	14.968	14.957	15.007	VV	7672	218886	5.07%	0.231%
210	15.020	15.007	15.065	VV	7257	226794	5.25%	0.239%
211	15.070	15.065	15.104	VV	6225	142296	3.29%	0.150%
212	15.138	15.104	15.155	VV	12757	268551	6.22%	0.284%
213	15.176	15.155	15.268	VV	15729	555604	12.86%	0.587%
214	15.294	15.268	15.306	VV	5507	117524	2.72%	0.124%
215	15.310	15.306	15.408	VV	5309	245594	5.69%	0.259%
216	15.430	15.408	15.465	VV	3448	109531	2.54%	0.116%
217	15.481	15.465	15.535	VV	3451	126752	2.93%	0.134%
218	15.540	15.535	15.562	VV	2709	41057	0.95%	0.043%
219	15.595	15.562	15.666	VV	2991	153385	3.55%	0.162%
220	15.699	15.666	15.748	VV	5642	166754	3.86%	0.176%
221	15.764	15.748	15.787	VV	2188	41268	0.96%	0.044%

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222	15.816	15.787	15.891	VV	2205	96368	2.23%	0.102%
223	15.899	15.891	15.927	VV	1046	21318	0.49%	0.023%
224	15.948	15.927	16.015	VV	1553	59922	1.39%	0.063%
225	16.044	16.015	16.120	VV	1497	49383	1.14%	0.052%
226	16.164	16.120	16.185	VV	4594	70175	1.62%	0.074%
227	16.198	16.185	16.225	VV	1583	24149	0.56%	0.025%
228	16.262	16.225	16.292	VV	798	19442	0.45%	0.021%
229	16.300	16.292	16.311	VV	221	2159	0.05%	0.002%
230	16.321	16.311	16.341	VV	249	2033	0.05%	0.002%
231	16.401	16.341	16.435	PV	472	10365	0.24%	0.011%
232	16.455	16.435	16.471	PV	187	3088	0.07%	0.003%
233	16.506	16.471	16.530	VV	545	12758	0.30%	0.013%
234	16.552	16.530	16.575	VV	519	8957	0.21%	0.009%
235	16.615	16.575	16.635	VV	839	19471	0.45%	0.021%
236	16.691	16.635	16.800	VV	10512	306735	7.10%	0.324%
237	16.829	16.800	16.851	VV	1253	21679	0.50%	0.023%
238	16.871	16.851	16.922	VV	1004	17992	0.42%	0.019%
239	16.975	16.922	16.996	PV	3477	50518	1.17%	0.053%
240	17.019	16.996	17.058	VV	4990	83002	1.92%	0.088%
241	17.085	17.058	17.124	VV	3806	84258	1.95%	0.089%
242	17.149	17.124	17.175	VV	2091	45265	1.05%	0.048%
243	17.192	17.175	17.209	VV	1663	26900	0.62%	0.028%
244	17.228	17.209	17.260	VV	2705	39884	0.92%	0.042%
245	17.284	17.260	17.294	PV	293	4413	0.10%	0.005%
246	17.323	17.294	17.361	VV	824	16377	0.38%	0.017%
247	17.388	17.361	17.401	PV	337	4920	0.11%	0.005%
248	17.474	17.401	17.505	VV	1445	33146	0.77%	0.035%
249	17.600	17.505	17.647	VV	16052	280294	6.49%	0.296%
250	17.691	17.647	17.720	VV	1333	38617	0.89%	0.041%
251	17.768	17.720	17.791	VV	800	32789	0.76%	0.035%
252	17.829	17.791	17.848	VV	559	18215	0.42%	0.019%
253	17.893	17.848	17.911	VV	343	10837	0.25%	0.011%
254	17.931	17.911	17.953	VV	540	7840	0.18%	0.008%
255	18.037	17.953	18.095	VV	3015	61736	1.43%	0.065%
256	18.129	18.095	18.155	PV	6295	94624	2.19%	0.100%
257	18.179	18.155	18.195	VV	1281	19718	0.46%	0.021%
258	18.211	18.195	18.225	VV	922	14012	0.32%	0.015%
259	18.241	18.225	18.261	VV	791	13780	0.32%	0.015%
260	18.274	18.261	18.298	VV	567	6967	0.16%	0.007%
261	18.339	18.298	18.411	PV	3818	108193	2.50%	0.114%
262	18.461	18.411	18.496	VV	17139	287718	6.66%	0.304%
263	18.511	18.496	18.528	VV	1621	25400	0.59%	0.027%
264	18.553	18.528	18.584	VV	1602	35007	0.81%	0.037%
265	18.631	18.584	18.643	VV	322	9343	0.22%	0.010%
266	18.718	18.643	18.741	PV	1697	32207	0.75%	0.034%
267	18.770	18.741	18.798	VV	1579	29799	0.69%	0.031%
268	18.871	18.798	18.925	PV	4245	107942	2.50%	0.114%
269	18.972	18.925	19.036	VV	11637	248902	5.76%	0.263%

270	19.060	19.036	19.087	VV	rteres 1830	45875	1.06%	0.048%
271	19.229	19.087	19.249	VV	9833	314218	7.27%	0.332%
272	19.269	19.249	19.321	VV	9376	234191	5.42%	0.247%
273	19.359	19.321	19.373	VV	9363	197607	4.57%	0.209%
274	19.395	19.373	19.445	VV	12193	324726	7.52%	0.343%
275	19.525	19.445	19.605	VV	9203	538811	12.47%	0.569%
276	19.688	19.605	19.704	VV	9283	371144	8.59%	0.392%
277	19.720	19.704	19.743	VV	8552	168776	3.91%	0.178%
278	19.766	19.743	19.791	VV	9214	214365	4.96%	0.226%
279	19.856	19.791	19.890	VV	8453	420009	9.72%	0.443%
280	19.946	19.890	19.959	VV	8178	321626	7.45%	0.340%
281	20.002	19.959	20.016	VV	10891	303056	7.02%	0.320%
282	20.030	20.016	20.051	VV	10388	205151	4.75%	0.217%
283	20.200	20.051	20.218	VV	11673	998077	23.11%	1.054%
284	20.281	20.218	20.290	VV	13849	562974	13.03%	0.594%
285	20.330	20.290	20.343	VV	13943	440464	10.20%	0.465%

Sum of corrected areas: 94725427

Aliphatic EPH 071323.M Mon Jul 31 14:10:32 2023