

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011323AL\
 Data File : FE039791.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jan 2023 15:48
 Sample : 01124-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.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	3.274	3.255	3.298	BV	99	969	0.02%	0.003%
2	3.313	3.298	3.341	VV	137	2170	0.04%	0.006%
3	3.345	3.341	3.378	VV	91	1052	0.02%	0.003%
4	3.402	3.378	3.415	PV	76	1184	0.02%	0.003%
5	3.430	3.415	3.454	VV	139	2367	0.04%	0.006%
6	3.483	3.454	3.495	PV	197	3531	0.06%	0.009%
7	3.497	3.495	3.541	VV	214	3151	0.05%	0.008%
8	3.548	3.541	3.610	VV	104	3299	0.06%	0.009%
9	3.621	3.610	3.658	VV	136	2160	0.04%	0.006%
10	3.665	3.658	3.678	VV	145	940	0.02%	0.002%
11	3.684	3.678	3.730	VV	89	821	0.01%	0.002%
12	3.759	3.730	3.768	VV	161	2437	0.04%	0.006%
13	3.786	3.768	3.837	VV	786	9859	0.17%	0.026%
14	3.851	3.837	3.875	VV	95	1093	0.02%	0.003%
15	3.901	3.875	3.965	VV	566	9230	0.16%	0.024%
16	3.988	3.965	4.065	VV	216	5530	0.10%	0.014%
17	4.112	4.065	4.145	PV	302	7673	0.13%	0.020%
18	4.156	4.145	4.236	VV	357	9413	0.16%	0.024%
19	4.285	4.236	4.310	VV	182	4758	0.08%	0.012%
20	4.337	4.310	4.386	VV	159	6039	0.10%	0.016%
21	4.420	4.386	4.465	VV	716	10829	0.19%	0.028%
22	4.472	4.465	4.504	VV	123	1903	0.03%	0.005%
23	4.513	4.504	4.543	VV	115	1944	0.03%	0.005%
24	4.561	4.543	4.615	VV	259	5581	0.10%	0.015%
25	4.682	4.615	4.693	VV	167	4741	0.08%	0.012%
26	4.730	4.693	4.766	VV	426	9545	0.16%	0.025%
27	4.792	4.766	4.820	VV	220	5613	0.10%	0.015%
28	4.838	4.820	4.857	VV	232	4113	0.07%	0.011%
29	4.894	4.857	4.918	VV	379	10694	0.18%	0.028%
30	5.010	4.918	5.098	VV	1068	55322	0.95%	0.144%
31	5.111	5.098	5.138	PV	118	1697	0.03%	0.004%
32	5.145	5.138	5.198	VV	121	1880	0.03%	0.005%
33	5.221	5.198	5.240	PV	113	1686	0.03%	0.004%
34	5.260	5.240	5.275	VV	143	1929	0.03%	0.005%
35	5.289	5.275	5.305	VV	151	1813	0.03%	0.005%
36	5.333	5.305	5.361	VV	388	7348	0.13%	0.019%

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37	5.377	5.361	5.438	VV	510	8627	0.15%	0.022%
38	5.512	5.438	5.563	VV	167	6317	0.11%	0.016%
39	5.570	5.563	5.595	VV	101	1107	0.02%	0.003%
40	5.598	5.595	5.659	VV	128	1548	0.03%	0.004%
41	5.665	5.659	5.674	VV	46	271	0.00%	0.001%
42	5.698	5.674	5.731	PV	252	3381	0.06%	0.009%
43	5.762	5.731	5.794	VV	1062	15683	0.27%	0.041%
44	5.804	5.794	5.862	VV	170	4129	0.07%	0.011%
45	5.887	5.862	5.919	VV	314	2948	0.05%	0.008%
46	5.948	5.919	5.971	VV	258	4011	0.07%	0.010%
47	5.991	5.971	6.065	VV	179	4188	0.07%	0.011%
48	6.068	6.065	6.138	VV	134	1600	0.03%	0.004%
49	6.150	6.138	6.160	VV	78	730	0.01%	0.002%
50	6.172	6.160	6.190	VV	144	943	0.02%	0.002%
51	6.211	6.190	6.247	VV	132	2586	0.04%	0.007%
52	6.271	6.247	6.393	VV	1438	33284	0.57%	0.087%
53	6.438	6.393	6.480	VV	544	10540	0.18%	0.027%
54	6.495	6.480	6.537	VV	145	3187	0.05%	0.008%
55	6.548	6.537	6.591	VV	146	3354	0.06%	0.009%
56	6.612	6.591	6.707	VV	1119	17240	0.30%	0.045%
57	6.725	6.707	6.751	VV	305	4593	0.08%	0.012%
58	6.760	6.751	6.795	VV	155	2010	0.03%	0.005%
59	6.805	6.795	6.827	VV	113	1147	0.02%	0.003%
60	6.846	6.827	6.864	VV	205	2695	0.05%	0.007%
61	6.880	6.864	6.938	VV	158	4526	0.08%	0.012%
62	6.950	6.938	6.971	VV	109	1538	0.03%	0.004%
63	7.010	6.971	7.028	VV	139	2517	0.04%	0.007%
64	7.056	7.028	7.069	VV	75	1385	0.02%	0.004%
65	7.101	7.069	7.124	PV	82	2025	0.03%	0.005%
66	7.133	7.124	7.158	VV	100	1446	0.02%	0.004%
67	7.182	7.158	7.201	VV	277	4559	0.08%	0.012%
68	7.216	7.201	7.275	VV	381	10065	0.17%	0.026%
69	7.298	7.275	7.328	VV	221	4112	0.07%	0.011%
70	7.366	7.328	7.383	VV	450	7907	0.14%	0.021%
71	7.400	7.383	7.425	VV	288	4982	0.09%	0.013%
72	7.445	7.425	7.477	VV	312	4735	0.08%	0.012%
73	7.500	7.477	7.525	VV	485	6523	0.11%	0.017%
74	7.543	7.525	7.565	VV	218	3168	0.05%	0.008%
75	7.571	7.565	7.615	VV	124	3656	0.06%	0.010%
76	7.671	7.615	7.768	VV	835	19124	0.33%	0.050%
77	7.848	7.768	7.888	VV	159	3771	0.07%	0.010%
78	8.243	8.220	8.292	VV	848	28422	0.49%	0.074%
79	8.302	8.292	8.340	VV	631	13649	0.24%	0.035%
80	8.371	8.340	8.389	VV	885	17519	0.30%	0.046%
81	8.400	8.389	8.429	VV	558	11416	0.20%	0.030%
82	8.458	8.429	8.469	VV	1161	17695	0.31%	0.046%
83	8.475	8.469	8.498	VV	972	13205	0.23%	0.034%
84	8.515	8.498	8.531	VV	1033	15972	0.28%	0.042%
85	8.551	8.531	8.611	VV	1865	34738	0.60%	0.090%
86	8.662	8.611	8.695	VV	1345	30506	0.53%	0.079%
87	8.708	8.695	8.727	VV	425	6915	0.12%	0.018%
88	8.743	8.727	8.827	VV	375	11132	0.19%	0.029%
89	8.956	8.940	9.066	VV	5879	195267	3.37%	0.508%

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90	9.090	9.066	9.181	VV	1451	57251	0.99%	0.149%
91	9.203	9.181	9.220	VV	806	14146	0.24%	0.037%
92	9.241	9.220	9.260	VV	1059	17167	0.30%	0.045%
93	9.280	9.260	9.345	VV	1240	34213	0.59%	0.089%
94	9.377	9.345	9.401	VV	1893	31364	0.54%	0.082%
95	9.415	9.401	9.452	VV	812	19099	0.33%	0.050%
96	9.466	9.452	9.505	VV	433	10445	0.18%	0.027%
97	9.528	9.505	9.546	VV	461	7335	0.13%	0.019%
98	9.563	9.546	9.604	VV	366	7471	0.13%	0.019%
99	9.616	9.604	9.623	VV	146	1511	0.03%	0.004%
100	9.664	9.623	9.688	VV	355	7792	0.13%	0.020%
101	9.711	9.688	9.731	VV	609	9134	0.16%	0.024%
102	9.752	9.731	9.804	VV	2371	44178	0.76%	0.115%
103	9.827	9.804	9.861	VV	740	15550	0.27%	0.040%
104	9.872	9.861	9.888	VV	442	5787	0.10%	0.015%
105	9.906	9.888	9.978	VV	667	21817	0.38%	0.057%
106	9.989	9.978	10.001	VV	238	2369	0.04%	0.006%
107	10.027	10.001	10.137	VV	60064	834005	14.38%	2.168%
108	10.159	10.137	10.250	VV	2336	67423	1.16%	0.175%
109	10.262	10.250	10.308	VV	528	10499	0.18%	0.027%
110	10.320	10.308	10.400	VV	306	8583	0.15%	0.022%
111	10.436	10.400	10.461	PV	125	2031	0.04%	0.005%
112	10.499	10.461	10.528	VV	7531	93859	1.62%	0.244%
113	10.545	10.528	10.578	VV	969	16834	0.29%	0.044%
114	10.599	10.578	10.611	VV	573	8295	0.14%	0.022%
115	10.634	10.611	10.658	VV	1050	17379	0.30%	0.045%
116	10.676	10.658	10.721	VV	646	15746	0.27%	0.041%
117	10.750	10.721	10.795	VV	719	16482	0.28%	0.043%
118	10.821	10.795	10.842	VV	592	12973	0.22%	0.034%
119	10.852	10.842	10.863	VV	322	3711	0.06%	0.010%
120	10.896	10.863	10.936	VV	1630	34420	0.59%	0.089%
121	10.966	10.936	11.008	VV	1626	34790	0.60%	0.090%
122	11.022	11.008	11.032	VV	353	4395	0.08%	0.011%
123	11.064	11.032	11.101	VV	1337	27463	0.47%	0.071%
124	11.154	11.101	11.207	VV	16842	255022	4.40%	0.663%
125	11.232	11.207	11.334	VV	6025	119504	2.06%	0.311%
126	11.349	11.334	11.388	VV	360	8689	0.15%	0.023%
127	11.406	11.388	11.418	VV	250	3033	0.05%	0.008%
128	11.438	11.418	11.487	VV	1390	24689	0.43%	0.064%
129	11.532	11.487	11.575	VV	1359	30548	0.53%	0.079%
130	11.604	11.575	11.657	VV	2063	42514	0.73%	0.111%
131	11.687	11.657	11.728	VV	1772	33521	0.58%	0.087%
132	11.754	11.728	11.775	VV	682	10254	0.18%	0.027%
133	11.808	11.775	11.835	PV	473	11342	0.20%	0.029%
134	11.861	11.835	11.881	VV	719	13905	0.24%	0.036%
135	11.919	11.881	11.949	VV	518354	5800126	100.00%	15.078%
136	11.957	11.949	11.974	VV	4103	48114	0.83%	0.125%
137	11.990	11.974	12.026	VV	3959	65205	1.12%	0.170%
138	12.071	12.026	12.092	VV	5512	102367	1.76%	0.266%
139	12.105	12.092	12.121	VV	2670	36250	0.62%	0.094%
140	12.137	12.121	12.185	VV	2891	44849	0.77%	0.117%
141	12.207	12.185	12.225	PV	457	5241	0.09%	0.014%

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142	12.270	12.225	12.306	VV	1516	29363	0.51%	0.076%
143	12.361	12.306	12.405	VV	1378	34401	0.59%	0.089%
144	12.430	12.405	12.475	VV	1687	29523	0.51%	0.077%
145	12.515	12.475	12.615	VV	32734	417033	7.19%	1.084%
146	12.635	12.615	12.665	VV	687	14071	0.24%	0.037%
147	12.682	12.665	12.691	VV	514	6915	0.12%	0.018%
148	12.714	12.691	12.728	VV	475	9181	0.16%	0.024%
149	12.750	12.728	12.791	VV	1035	24197	0.42%	0.063%
150	12.855	12.791	12.876	PV	3206	56676	0.98%	0.147%
151	12.910	12.876	12.943	VV	2393	56137	0.97%	0.146%
152	12.972	12.943	13.090	VV	48405	625691	10.79%	1.627%
153	13.160	13.090	13.181	VV	1794	46687	0.80%	0.121%
154	13.204	13.181	13.243	VV	834	22784	0.39%	0.059%
155	13.270	13.243	13.309	PV	32354	390425	6.73%	1.015%
156	13.356	13.309	13.431	VV	398752	4792521	82.63%	12.459%
157	13.450	13.431	13.469	VV	1579	26528	0.46%	0.069%
158	13.478	13.469	13.500	VV	939	13510	0.23%	0.035%
159	13.542	13.500	13.568	VV	2287	64070	1.10%	0.167%
160	13.587	13.568	13.645	VV	1649	48869	0.84%	0.127%
161	13.671	13.645	13.708	VV	960	23797	0.41%	0.062%
162	13.746	13.708	13.807	VV	5772	106689	1.84%	0.277%
163	13.863	13.807	13.914	VV	6537	119528	2.06%	0.311%
164	13.929	13.914	13.944	VV	738	9583	0.17%	0.025%
165	13.970	13.944	13.992	VV	5539	74265	1.28%	0.193%
166	14.010	13.992	14.038	VV	2674	45486	0.78%	0.118%
167	14.054	14.038	14.081	VV	1648	27584	0.48%	0.072%
168	14.110	14.081	14.126	VV	3883	61717	1.06%	0.160%
169	14.137	14.126	14.165	VV	2836	43781	0.75%	0.114%
170	14.181	14.165	14.251	VV	2008	38674	0.67%	0.101%
171	14.259	14.251	14.282	VV	405	5340	0.09%	0.014%
172	14.329	14.282	14.355	VV	542	13155	0.23%	0.034%
173	14.380	14.355	14.428	VV	405	7381	0.13%	0.019%
174	14.444	14.428	14.455	PV	257	3466	0.06%	0.009%
175	14.547	14.455	14.590	VV	2255	79815	1.38%	0.207%
176	14.615	14.590	14.645	VV	1799	33956	0.59%	0.088%
177	14.669	14.645	14.688	VV	2676	40314	0.70%	0.105%
178	14.698	14.688	14.716	VV	1322	20461	0.35%	0.053%
179	14.732	14.716	14.751	VV	1300	19736	0.34%	0.051%
180	14.780	14.751	14.818	VV	2652	52170	0.90%	0.136%
181	14.839	14.818	14.871	VV	4135	62043	1.07%	0.161%
182	14.897	14.871	14.943	VV	1247	37682	0.65%	0.098%
183	14.961	14.943	14.979	VV	671	9671	0.17%	0.025%
184	14.997	14.979	15.007	VV	412	5109	0.09%	0.013%
185	15.033	15.007	15.077	VV	1031	21912	0.38%	0.057%
186	15.108	15.077	15.121	VV	1325	19538	0.34%	0.051%
187	15.151	15.121	15.172	VV	17825	257331	4.44%	0.669%
188	15.192	15.172	15.237	VV	18808	313888	5.41%	0.816%
189	15.253	15.237	15.272	VV	1633	27243	0.47%	0.071%
190	15.312	15.272	15.370	VV	4447	102316	1.76%	0.266%
191	15.406	15.370	15.429	VV	747	18891	0.33%	0.049%
192	15.462	15.429	15.481	PV	1252	19979	0.34%	0.052%
193	15.505	15.481	15.551	VV	1405	32383	0.56%	0.084%
194	15.620	15.551	15.708	VV	14360	499056	8.60%	1.297%

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195	15.730	15.708	15.764	VV	2573	46027	0.79%	0.120%
196	15.801	15.764	15.816	PV	5883	88344	1.52%	0.230%
197	15.825	15.816	15.846	VV	4291	52290	0.90%	0.136%
198	15.864	15.846	15.892	VV	2384	33918	0.58%	0.088%
199	15.911	15.892	15.931	VV	1137	17465	0.30%	0.045%
200	15.988	15.931	16.035	VV	3084	76472	1.32%	0.199%
201	16.059	16.035	16.098	VV	1081	18510	0.32%	0.048%
202	16.108	16.098	16.120	VV	450	4119	0.07%	0.011%
203	16.151	16.120	16.172	VV	1340	28185	0.49%	0.073%
204	16.191	16.172	16.209	VV	1764	28111	0.48%	0.073%
205	16.232	16.209	16.280	VV	2539	60680	1.05%	0.158%
206	16.292	16.280	16.318	VV	1017	14975	0.26%	0.039%
207	16.326	16.318	16.345	VV	424	4948	0.09%	0.013%
208	16.357	16.345	16.375	VV	492	4544	0.08%	0.012%
209	16.424	16.375	16.451	PV	1518	32500	0.56%	0.084%
210	16.467	16.451	16.481	VV	513	8801	0.15%	0.023%
211	16.523	16.481	16.555	VV	1691	52665	0.91%	0.137%
212	16.576	16.555	16.605	VV	876	20430	0.35%	0.053%
213	16.644	16.605	16.684	VV	4207	136774	2.36%	0.356%
214	16.711	16.684	16.771	VV	24466	524570	9.04%	1.364%
215	16.794	16.771	16.816	VV	3851	69128	1.19%	0.180%
216	16.843	16.816	16.912	VV	23410	368381	6.35%	0.958%
217	16.925	16.912	16.951	VV	977	16230	0.28%	0.042%
218	17.032	16.951	17.062	VV	12591	211258	3.64%	0.549%
219	17.091	17.062	17.140	VV	18442	289158	4.99%	0.752%
220	17.193	17.140	17.214	VV	7526	169561	2.92%	0.441%
221	17.228	17.214	17.285	VV	5584	121238	2.09%	0.315%
222	17.301	17.285	17.315	VV	989	10706	0.18%	0.028%
223	17.348	17.315	17.388	VV	1691	48365	0.83%	0.126%
224	17.474	17.388	17.545	VV	2413	145267	2.50%	0.378%
225	17.598	17.545	17.611	VV	4800	104406	1.80%	0.271%
226	17.630	17.611	17.655	VV	5178	94144	1.62%	0.245%
227	17.675	17.655	17.691	VV	1922	33619	0.58%	0.087%
228	17.704	17.691	17.721	VV	1952	26439	0.46%	0.069%
229	17.750	17.721	17.778	VV	3291	57968	1.00%	0.151%
230	17.798	17.778	17.821	VV	1789	29908	0.52%	0.078%
231	17.869	17.821	17.886	VV	808	19323	0.33%	0.050%
232	17.905	17.886	17.918	VV	458	4848	0.08%	0.013%
233	17.984	17.918	18.005	PV	1099	27486	0.47%	0.071%
234	18.068	18.005	18.106	VV	6320	150217	2.59%	0.391%
235	18.126	18.106	18.133	VV	471	4140	0.07%	0.011%
236	18.158	18.133	18.175	VV	2079	31573	0.54%	0.082%
237	18.215	18.175	18.285	VV	5566	164547	2.84%	0.428%
238	18.314	18.285	18.328	VV	885	16684	0.29%	0.043%
239	18.377	18.328	18.428	PV	4137	113413	1.96%	0.295%
240	18.465	18.428	18.484	VV	22741	405508	6.99%	1.054%
241	18.496	18.484	18.562	VV	16083	344716	5.94%	0.896%
242	18.588	18.562	18.615	VV	5609	124100	2.14%	0.323%
243	18.629	18.615	18.678	VV	2914	70899	1.22%	0.184%
244	18.717	18.678	18.761	VV	14613	237318	4.09%	0.617%
245	18.855	18.761	18.875	VV	4936	144211	2.49%	0.375%
246	18.900	18.875	18.939	VV	6463	131734	2.27%	0.342%

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247	19.004	18.939	19.026	VV	6180	146788	2.53%	0.382%
248	19.053	19.026	19.098	VV	4249	108124	1.86%	0.281%
249	19.158	19.098	19.168	VV	2391	67537	1.16%	0.176%
250	19.179	19.168	19.210	VV	2234	50391	0.87%	0.131%
251	19.232	19.210	19.240	VV	2738	39393	0.68%	0.102%
252	19.299	19.240	19.373	VV	9581	435680	7.51%	1.133%
253	19.406	19.373	19.424	VV	5982	139463	2.40%	0.363%
254	19.433	19.424	19.475	VV	5246	99846	1.72%	0.260%
255	19.502	19.475	19.515	VV	3050	62664	1.08%	0.163%
256	19.588	19.515	19.645	VV	4199	250478	4.32%	0.651%
257	19.687	19.645	19.708	VV	6693	176984	3.05%	0.460%
258	19.717	19.708	19.728	VV	5314	63018	1.09%	0.164%
259	19.742	19.728	19.763	VV	5488	103763	1.79%	0.270%
260	19.802	19.763	19.823	VV	6347	190002	3.28%	0.494%
261	19.836	19.823	19.848	VV	5804	80808	1.39%	0.210%
262	19.880	19.848	19.919	VV	9918	309257	5.33%	0.804%
263	19.948	19.919	19.983	VV	10608	322298	5.56%	0.838%
264	20.033	19.983	20.082	VV	18535	645669	11.13%	1.679%
265	20.109	20.082	20.128	VV	9126	236701	4.08%	0.615%
266	20.136	20.128	20.151	VV	8820	118226	2.04%	0.307%
267	20.172	20.151	20.201	VV	9069	257429	4.44%	0.669%
268	20.260	20.201	20.298	VV	13900	630155	10.86%	1.638%
269	20.336	20.298	20.388	VV	13258	630736	10.87%	1.640%
270	20.429	20.388	20.448	VV	13563	456461	7.87%	1.187%
271	20.493	20.448	20.552	VV	13921	796875	13.74%	2.072%
272	20.663	20.552	20.674	VV	15422	1014765	17.50%	2.638%
273	20.696	20.674	20.715	VV	15494	365656	6.30%	0.951%
274	20.726	20.715	20.748	VV	15517	309242	5.33%	0.804%
275	20.787	20.748	20.811	VV	16286	579635	9.99%	1.507%
276	20.832	20.811	20.855	VV	15402	390864	6.74%	1.016%
277	20.873	20.855	20.881	VV	15552	240857	4.15%	0.626%
278	20.892	20.881	20.948	VV	15892	607420	10.47%	1.579%
279	20.958	20.948	20.971	VV	14858	204293	3.52%	0.531%
280	21.013	20.971	21.071	VV	14910	841336	14.51%	2.187%
281	21.084	21.071	21.121	VV	13738	400087	6.90%	1.040%
282	21.161	21.121	21.246	VV	14235	937710	16.17%	2.438%
283	21.294	21.246	21.362	VV	11403	741395	12.78%	1.927%
284	21.370	21.362	21.383	VV	9733	118598	2.04%	0.308%
285	21.397	21.383	21.445	VV	9268	333866	5.76%	0.868%
286	21.452	21.445	21.470	VV	9284	133998	2.31%	0.348%
287	21.502	21.470	21.517	VV	8915	241957	4.17%	0.629%
288	21.584	21.517	21.628	VV	8365	522428	9.01%	1.358%
289	21.635	21.628	21.645	VV	6576	66070	1.14%	0.172%
290	21.665	21.645	21.681	VV	6871	140708	2.43%	0.366%
291	21.688	21.681	21.762	VV	6203	264583	4.56%	0.688%
292	21.778	21.762	21.808	VV	4714	118360	2.04%	0.308%
293	21.839	21.808	21.860	VV	4401	125622	2.17%	0.327%
294	21.878	21.860	21.918	VV	3747	107324	1.85%	0.279%
295	21.930	21.918	21.941	VV	2460	31196	0.54%	0.081%
296	21.975	21.941	21.992	VV	2507	67086	1.16%	0.174%
297	22.068	21.992	22.145	VV	2781	146247	2.52%	0.380%
Sum of corrected areas:					38466988			

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Aliphatic EPH 011023.M Fri Jan 13 02:58:26 2023