

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045111.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 18:49
 Sample : 05164-01D
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.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	3.324	3.296	3.352	PV	240	4343	0.02%	0.001%
2	3.411	3.352	3.431	VV	685	11460	0.04%	0.003%
3	3.461	3.431	3.488	VV	1951	22621	0.09%	0.007%
4	3.500	3.488	3.529	VV	209	2816	0.01%	0.001%
5	3.552	3.529	3.595	VV	168	4528	0.02%	0.001%
6	3.619	3.595	3.660	VV	2608	33017	0.13%	0.009%
7	3.702	3.660	3.721	VV	2715	47104	0.18%	0.014%
8	3.749	3.721	3.822	VV	37977	379045	1.46%	0.109%
9	3.865	3.822	3.908	VV	31155	290072	1.11%	0.083%
10	3.923	3.908	3.934	VV	591	6163	0.02%	0.002%
11	3.952	3.934	3.996	VV	2197	33323	0.13%	0.010%
12	4.016	3.996	4.036	VV	2407	25891	0.10%	0.007%
13	4.053	4.036	4.098	VV	1276	24258	0.09%	0.007%
14	4.121	4.098	4.197	VV	1731	32928	0.13%	0.009%
15	4.240	4.197	4.279	PV	2699	70052	0.27%	0.020%
16	4.293	4.279	4.328	VV	702	13034	0.05%	0.004%
17	4.337	4.328	4.368	VV	326	5576	0.02%	0.002%
18	4.390	4.368	4.401	VV	325	5033	0.02%	0.001%
19	4.420	4.401	4.465	VV	907	14049	0.05%	0.004%
20	4.527	4.465	4.548	VV	594	16361	0.06%	0.005%
21	4.566	4.548	4.581	VV	483	6728	0.03%	0.002%
22	4.595	4.581	4.641	VV	352	8756	0.03%	0.003%
23	4.651	4.641	4.675	VV	206	2547	0.01%	0.001%
24	4.696	4.675	4.728	VV	775	9206	0.04%	0.003%
25	4.747	4.728	4.781	VV	628	9346	0.04%	0.003%
26	4.785	4.781	4.791	VV	168	921	0.00%	0.000%
27	4.810	4.791	4.878	VV	635	11880	0.05%	0.003%
28	4.895	4.878	4.925	VV	298	6009	0.02%	0.002%
29	4.949	4.925	4.953	VV	248	3809	0.01%	0.001%
30	4.962	4.953	4.987	VV	254	4317	0.02%	0.001%
31	5.008	4.987	5.051	VV	646	13943	0.05%	0.004%

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32	5.104	5.051	5.155	VV	1339	30151	0.12%	0.009%
33	5.183	5.155	5.208	VV	411	8252	0.03%	0.002%
34	5.235	5.208	5.274	VV	416	7906	0.03%	0.002%
35	5.297	5.274	5.345	VV	736	9669	0.04%	0.003%
36	5.352	5.345	5.393	VV	158	3010	0.01%	0.001%
37	5.409	5.393	5.431	PV	236	3133	0.01%	0.001%
38	5.471	5.431	5.492	VV	717	10318	0.04%	0.003%
39	5.503	5.492	5.519	VV	308	3524	0.01%	0.001%
40	5.526	5.519	5.535	VV	127	1082	0.00%	0.000%
41	5.548	5.535	5.581	VV	158	2719	0.01%	0.001%
42	5.638	5.581	5.653	VV	280	5816	0.02%	0.002%
43	5.736	5.653	5.754	VV	2111	30273	0.12%	0.009%
44	5.771	5.754	5.815	VV	981	16366	0.06%	0.005%
45	5.858	5.815	5.895	VV	441	12923	0.05%	0.004%
46	5.925	5.895	5.955	VV	305	8262	0.03%	0.002%
47	5.970	5.955	6.060	VV	278	9205	0.04%	0.003%
48	6.112	6.060	6.162	VV	231	6804	0.03%	0.002%
49	6.183	6.162	6.191	VV	144	1582	0.01%	0.000%
50	6.241	6.191	6.315	VV	1689	35122	0.13%	0.010%
51	6.339	6.315	6.378	VV	293	9015	0.03%	0.003%
52	6.409	6.378	6.424	VV	407	7931	0.03%	0.002%
53	6.440	6.424	6.501	VV	350	12234	0.05%	0.004%
54	6.507	6.501	6.517	VV	196	2259	0.01%	0.001%
55	6.537	6.517	6.575	VV	608	12275	0.05%	0.004%
56	6.584	6.575	6.665	VV	258	10363	0.04%	0.003%
57	6.698	6.665	6.718	VV	289	6017	0.02%	0.002%
58	6.730	6.718	6.750	VV	139	2180	0.01%	0.001%
59	6.761	6.750	6.769	VV	119	1378	0.01%	0.000%
60	6.778	6.769	6.802	VV	201	2938	0.01%	0.001%
61	6.807	6.802	6.834	VV	182	2167	0.01%	0.001%
62	6.850	6.834	6.871	VV	168	2643	0.01%	0.001%
63	6.878	6.871	6.914	VV	225	2500	0.01%	0.001%
64	6.924	6.914	6.951	VV	67	1043	0.00%	0.000%
65	6.978	6.951	6.995	PV	158	2494	0.01%	0.001%
66	7.087	6.995	7.109	VV	927	15484	0.06%	0.004%
67	7.125	7.109	7.138	VV	508	6539	0.03%	0.002%
68	7.146	7.138	7.164	VV	706	8259	0.03%	0.002%
69	7.182	7.164	7.201	VV	1148	15691	0.06%	0.005%
70	7.238	7.201	7.318	VV	1791	53039	0.20%	0.015%
71	7.331	7.318	7.344	VV	604	8601	0.03%	0.002%
72	7.362	7.344	7.378	VV	816	12690	0.05%	0.004%
73	7.389	7.378	7.408	VV	546	9031	0.03%	0.003%
74	7.427	7.408	7.455	VV	1676	23744	0.09%	0.007%
75	7.470	7.455	7.491	VV	387	6712	0.03%	0.002%
76	7.514	7.491	7.548	VV	490	10775	0.04%	0.003%
77	7.550	7.548	7.578	VV	325	4191	0.02%	0.001%
78	7.591	7.578	7.610	VV	258	4602	0.02%	0.001%
79	7.658	7.610	7.696	VV	1544	32852	0.13%	0.009%

80	7.705	7.696	7.736	VV	rteres 344	6239	0.02%	0.002%
81	7.768	7.736	7.787	VV	236	5697	0.02%	0.002%
82	7.798	7.787	7.815	VV	200	2477	0.01%	0.001%
83	7.823	7.815	7.839	VV	156	1748	0.01%	0.001%
84	7.874	7.839	7.887	VV	188	4519	0.02%	0.001%
85	7.899	7.887	7.905	VV	180	1682	0.01%	0.000%
86	8.056	8.040	8.088	VV	1947	48970	0.19%	0.014%
87	8.097	8.088	8.208	VV	1431	56613	0.22%	0.016%
88	8.219	8.208	8.236	VV	512	7856	0.03%	0.002%
89	8.245	8.236	8.286	VV	506	12814	0.05%	0.004%
90	8.300	8.286	8.323	VV	448	8461	0.03%	0.002%
91	8.344	8.323	8.358	VV	450	8357	0.03%	0.002%
92	8.361	8.358	8.387	VV	455	6442	0.02%	0.002%
93	8.413	8.387	8.433	VV	936	16606	0.06%	0.005%
94	8.452	8.433	8.466	VV	962	14255	0.05%	0.004%
95	8.491	8.466	8.515	VV	6052	80369	0.31%	0.023%
96	8.526	8.515	8.605	VV	975	30026	0.12%	0.009%
97	8.635	8.605	8.651	VV	1311	20948	0.08%	0.006%
98	8.664	8.651	8.737	VV	1011	32251	0.12%	0.009%
99	8.760	8.737	8.791	VV	516	10945	0.04%	0.003%
100	8.929	8.917	8.991	VV	2907	80062	0.31%	0.023%
101	9.005	8.991	9.049	VV	1180	35621	0.14%	0.010%
102	9.067	9.049	9.115	VV	870	28177	0.11%	0.008%
103	9.133	9.115	9.148	VV	656	12021	0.05%	0.003%
104	9.154	9.148	9.165	VV	601	5688	0.02%	0.002%
105	9.175	9.165	9.191	VV	538	7978	0.03%	0.002%
106	9.209	9.191	9.235	VV	853	15997	0.06%	0.005%
107	9.266	9.235	9.331	VV	1075	34050	0.13%	0.010%
108	9.355	9.331	9.383	VV	1078	22600	0.09%	0.006%
109	9.407	9.383	9.466	VV	848	19781	0.08%	0.006%
110	9.502	9.466	9.515	VV	306	6012	0.02%	0.002%
111	9.539	9.515	9.571	VV	465	9256	0.04%	0.003%
112	9.578	9.571	9.601	VV	188	2501	0.01%	0.001%
113	9.635	9.601	9.660	VV	245	5296	0.02%	0.002%
114	9.682	9.660	9.705	VV	1924	24320	0.09%	0.007%
115	9.725	9.705	9.761	VV	1250	23487	0.09%	0.007%
116	9.769	9.761	9.781	VV	366	3600	0.01%	0.001%
117	9.795	9.781	9.843	VV	468	12406	0.05%	0.004%
118	9.873	9.843	9.895	VV	458	11003	0.04%	0.003%
119	9.904	9.895	9.931	VV	278	5764	0.02%	0.002%
120	9.937	9.931	9.958	VV	304	3883	0.01%	0.001%
121	9.969	9.958	9.982	VV	451	4642	0.02%	0.001%
122	10.002	9.982	10.026	VV	406	7197	0.03%	0.002%
123	10.057	10.026	10.111	VV	670	21285	0.08%	0.006%
124	10.139	10.111	10.221	VV	1237	31588	0.12%	0.009%
125	10.239	10.221	10.268	VV	306	4776	0.02%	0.001%
126	10.290	10.268	10.385	VV	255	6141	0.02%	0.002%

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127	10.403	10.385	10.431	PV	97	1593	0.01%	0.000%
128	10.469	10.431	10.508	VV	240	6867	0.03%	0.002%
129	10.527	10.508	10.545	VV	445	6581	0.03%	0.002%
130	10.579	10.545	10.595	VV	550	11119	0.04%	0.003%
131	10.611	10.595	10.636	VV	605	10634	0.04%	0.003%
132	10.653	10.636	10.682	VV	326	6095	0.02%	0.002%
133	10.728	10.682	10.758	VV	487	13346	0.05%	0.004%
134	10.784	10.758	10.817	VV	1043	23363	0.09%	0.007%
135	10.832	10.817	10.847	VV	718	9820	0.04%	0.003%
136	10.880	10.847	10.913	VV	1201	30946	0.12%	0.009%
137	10.933	10.913	10.995	VV	1342	35276	0.14%	0.010%
138	11.022	10.995	11.046	VV	330	6821	0.03%	0.002%
139	11.066	11.046	11.080	VV	352	4237	0.02%	0.001%
140	11.132	11.080	11.184	VV	19157	272321	1.05%	0.078%
141	11.209	11.184	11.305	VV	3848	74810	0.29%	0.021%
142	11.319	11.305	11.366	VV	272	6240	0.02%	0.002%
143	11.386	11.366	11.408	PV	241	3779	0.01%	0.001%
144	11.430	11.408	11.486	VV	1418	26174	0.10%	0.008%
145	11.515	11.486	11.538	VV	1064	15409	0.06%	0.004%
146	11.556	11.538	11.564	VV	471	5930	0.02%	0.002%
147	11.598	11.564	11.629	VV	2220	42798	0.16%	0.012%
148	11.657	11.629	11.710	VV	1801	36604	0.14%	0.011%
149	11.739	11.710	11.756	PV	775	8814	0.03%	0.003%
150	11.778	11.756	11.804	VV	921	11984	0.05%	0.003%
151	11.830	11.804	11.862	VV	2132	33481	0.13%	0.010%
152	11.902	11.862	11.953	VV	603704	6757120	25.96%	1.942%
153	11.970	11.953	12.011	VV	3155	54419	0.21%	0.016%
154	12.052	12.011	12.072	VV	3877	61857	0.24%	0.018%
155	12.087	12.072	12.100	VV	2182	26597	0.10%	0.008%
156	12.116	12.100	12.159	VV	2315	34109	0.13%	0.010%
157	12.193	12.159	12.221	PV	537	7697	0.03%	0.002%
158	12.258	12.221	12.280	VV	1224	21816	0.08%	0.006%
159	12.303	12.280	12.332	VV	5002	81489	0.31%	0.023%
160	12.350	12.332	12.384	VV	1722	32252	0.12%	0.009%
161	12.412	12.384	12.451	VV	4313	63688	0.24%	0.018%
162	12.504	12.451	12.575	VV	42307	486932	1.87%	0.140%
163	12.586	12.575	12.593	VV	473	4828	0.02%	0.001%
164	12.614	12.593	12.633	VV	663	11794	0.05%	0.003%
165	12.660	12.633	12.689	VV	436	12266	0.05%	0.004%
166	12.731	12.689	12.769	VV	758	23701	0.09%	0.007%
167	12.791	12.769	12.817	PV	2595	34256	0.13%	0.010%
168	12.839	12.817	12.859	VV	2001	26858	0.10%	0.008%
169	12.898	12.859	12.928	VV	2314	43658	0.17%	0.013%
170	12.954	12.928	13.002	VV	58345	683242	2.63%	0.196%
171	13.014	13.002	13.041	VV	768	10820	0.04%	0.003%
172	13.052	13.041	13.071	VV	164	2059	0.01%	0.001%
173	13.141	13.071	13.156	PV	1850	39840	0.15%	0.011%
174	13.168	13.156	13.213	VV	1284	21265	0.08%	0.006%

175	13.253	13.213	13.288	PV	rteres 44325	527311	2.03%	0.152%
176	13.344	13.288	13.405	VV	423620	5228537	20.09%	1.502%
177	13.437	13.405	13.482	VV	3400	75198	0.29%	0.022%
178	13.522	13.482	13.553	VV	3947	76576	0.29%	0.022%
179	13.576	13.553	13.589	VV	1394	24742	0.10%	0.007%
180	13.602	13.589	13.622	VV	1081	17189	0.07%	0.005%
181	13.654	13.622	13.686	VV	1388	26184	0.10%	0.008%
182	13.736	13.686	13.779	VV	5962	116994	0.45%	0.034%
183	13.846	13.779	13.888	VV	6377	118058	0.45%	0.034%
184	13.913	13.888	13.928	VV	1013	15709	0.06%	0.005%
185	13.954	13.928	13.974	VV	3663	51893	0.20%	0.015%
186	13.994	13.974	14.015	VV	3263	45219	0.17%	0.013%
187	14.038	14.015	14.066	VV	2379	46354	0.18%	0.013%
188	14.100	14.066	14.110	VV	3254	55683	0.21%	0.016%
189	14.122	14.110	14.146	VV	3454	48384	0.19%	0.014%
190	14.165	14.146	14.211	VV	2263	40867	0.16%	0.012%
191	14.244	14.211	14.265	VV	826	16232	0.06%	0.005%
192	14.287	14.265	14.299	VV	488	7886	0.03%	0.002%
193	14.324	14.299	14.408	VV	650	23726	0.09%	0.007%
194	14.535	14.408	14.563	PV	2495	78055	0.30%	0.022%
195	14.586	14.563	14.638	VV	4395	75025	0.29%	0.022%
196	14.662	14.638	14.704	VV	3231	57122	0.22%	0.016%
197	14.721	14.704	14.734	VV	1102	13696	0.05%	0.004%
198	14.761	14.734	14.798	VV	4487	76622	0.29%	0.022%
199	14.824	14.798	14.851	VV	7087	100396	0.39%	0.029%
200	14.889	14.851	14.927	VV	4894	88000	0.34%	0.025%
201	14.951	14.927	14.967	VV	482	5256	0.02%	0.002%
202	15.009	14.967	15.048	VV	1287	23274	0.09%	0.007%
203	15.093	15.048	15.105	PV	898	12217	0.05%	0.004%
204	15.137	15.105	15.157	VV	19746	271709	1.04%	0.078%
205	15.178	15.157	15.231	VV	28700	451829	1.74%	0.130%
206	15.249	15.231	15.275	VV	2473	42872	0.16%	0.012%
207	15.300	15.275	15.355	VV	5393	100459	0.39%	0.029%
208	15.389	15.355	15.412	VV	1017	25251	0.10%	0.007%
209	15.448	15.412	15.462	PV	2161	32116	0.12%	0.009%
210	15.481	15.462	15.527	VV	2206	52113	0.20%	0.015%
211	15.596	15.527	15.665	VV	19594	467973	1.80%	0.134%
212	15.680	15.665	15.694	VV	1363	21502	0.08%	0.006%
213	15.730	15.694	15.761	VV	7855	171198	0.66%	0.049%
214	15.796	15.761	15.834	VV	9047	211850	0.81%	0.061%
215	15.852	15.834	15.879	VV	2453	36818	0.14%	0.011%
216	15.899	15.879	15.913	VV	657	10400	0.04%	0.003%
217	15.972	15.913	16.007	VV	2798	81948	0.31%	0.024%
218	16.050	16.007	16.075	VV	1357	21184	0.08%	0.006%
219	16.136	16.075	16.156	PV	1680	28305	0.11%	0.008%
220	16.184	16.156	16.202	VV	1732	24667	0.09%	0.007%
221	16.227	16.202	16.268	VV	4998	76967	0.30%	0.022%

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222	16.289	16.268	16.311	PV	1986	25085	0.10%	0.007%
223	16.436	16.311	16.465	VV	1935	83506	0.32%	0.024%
224	16.518	16.465	16.538	VV	5416	133441	0.51%	0.038%
225	16.556	16.538	16.575	VV	2847	56058	0.22%	0.016%
226	16.619	16.575	16.661	VV	9365	291928	1.12%	0.084%
227	16.702	16.661	16.758	VV	43954	1015576	3.90%	0.292%
228	16.790	16.758	16.815	VV	20766	362465	1.39%	0.104%
229	16.832	16.815	16.855	VV	7411	123013	0.47%	0.035%
230	16.879	16.855	16.888	VV	4724	82589	0.32%	0.024%
231	16.910	16.888	16.930	VV	4977	112514	0.43%	0.032%
232	17.023	16.930	17.050	VV	27917	711988	2.74%	0.205%
233	17.081	17.050	17.123	VV	29591	663741	2.55%	0.191%
234	17.182	17.123	17.207	VV	21176	657702	2.53%	0.189%
235	17.255	17.207	17.285	VV	25707	746486	2.87%	0.214%
236	17.326	17.285	17.365	VV	12011	529908	2.04%	0.152%
237	17.376	17.365	17.405	VV	10567	245708	0.94%	0.071%
238	17.448	17.405	17.478	VV	11734	468743	1.80%	0.135%
239	17.490	17.478	17.522	VV	10124	254106	0.98%	0.073%
240	17.560	17.522	17.601	VV	25306	826806	3.18%	0.238%
241	17.628	17.601	17.656	VV	23533	571960	2.20%	0.164%
242	17.672	17.656	17.681	VV	12682	179872	0.69%	0.052%
243	17.745	17.681	17.761	VV	16648	715636	2.75%	0.206%
244	18.068	17.761	18.121	VV	36678	5350702	20.56%	1.537%
245	18.157	18.121	18.187	VV	35594	1155075	4.44%	0.332%
246	18.211	18.187	18.259	VV	25879	1082928	4.16%	0.311%
247	18.309	18.259	18.321	VV	24735	899724	3.46%	0.259%
248	18.386	18.321	18.408	VV	37247	1647030	6.33%	0.473%
249	18.455	18.408	18.474	VV	63533	1909639	7.34%	0.549%
250	18.493	18.474	18.523	VV	61934	1551367	5.96%	0.446%
251	18.536	18.523	18.566	VV	41445	1049584	4.03%	0.302%
252	18.593	18.566	18.608	VV	42679	1024363	3.94%	0.294%
253	18.621	18.608	18.655	VV	41410	1126632	4.33%	0.324%
254	18.665	18.655	18.677	VV	39180	514814	1.98%	0.148%
255	18.712	18.677	18.745	VV	55102	1872269	7.19%	0.538%
256	18.797	18.745	18.807	VV	45447	1629770	6.26%	0.468%
257	18.901	18.807	18.937	VV	61912	4112465	15.80%	1.182%
258	18.967	18.937	18.978	VV	54686	1297747	4.99%	0.373%
259	19.006	18.978	19.027	VV	67126	1807125	6.94%	0.519%
260	19.069	19.027	19.078	VV	64008	1911207	7.34%	0.549%
261	19.137	19.078	19.149	VV	67890	2797112	10.75%	0.804%
262	19.177	19.149	19.189	VV	72501	1689521	6.49%	0.485%
263	19.303	19.189	19.334	VV	99775	7266387	27.92%	2.088%
264	19.378	19.334	19.398	VV	92311	3435209	13.20%	0.987%
265	19.436	19.398	19.488	VV	100159	5046303	19.39%	1.450%
266	19.501	19.488	19.555	VV	90402	3502210	13.46%	1.006%
267	19.603	19.555	19.610	VV	91275	2895506	11.13%	0.832%
268	19.745	19.610	19.771	VV	123871	10382764	39.89%	2.983%
269	19.801	19.771	19.837	VV	125793	4685901	18.01%	1.346%

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270	19.880	19.837	19.913	VV	120169	5213818	20.03%	1.498%
271	19.957	19.913	19.972	VV	117002	4113573	15.81%	1.182%
272	19.980	19.972	19.994	VV	116343	1554344	5.97%	0.447%
273	20.068	19.994	20.081	VV	142201	6564440	25.22%	1.886%
274	20.092	20.081	20.102	VV	139196	1775073	6.82%	0.510%
275	20.114	20.102	20.124	VV	140626	1780843	6.84%	0.512%
276	20.168	20.124	20.197	VV	146617	6302047	24.22%	1.811%
277	20.231	20.197	20.290	VV	149077	8017529	30.81%	2.304%
278	20.320	20.290	20.338	VV	152777	4303341	16.54%	1.237%
279	20.431	20.338	20.446	VV	187369	11155385	42.86%	3.205%
280	20.476	20.446	20.507	VV	189951	6809252	26.16%	1.957%
281	20.520	20.507	20.566	VV	190208	6506152	25.00%	1.870%
282	20.576	20.566	20.615	VV	184493	5192275	19.95%	1.492%
283	20.635	20.615	20.646	VV	171804	3244176	12.47%	0.932%
284	20.723	20.646	20.843	VV	221944	23038804	88.52%	6.620%
285	20.918	20.843	20.984	VV	201390	15808532	60.74%	4.543%
286	20.996	20.984	21.015	VV	193261	3555082	13.66%	1.022%
287	21.030	21.015	21.131	VV	191962	12504331	48.05%	3.593%
288	21.228	21.131	21.258	VV	196331	13873217	53.31%	3.986%
289	21.268	21.258	21.295	VV	191337	4173024	16.03%	1.199%
290	21.352	21.295	21.361	VV	201613	7763712	29.83%	2.231%
291	21.368	21.361	21.487	VV	201766	13224152	50.81%	3.800%
292	21.598	21.487	21.737	VV	194785	26025362	100.00%	7.478%
293	21.779	21.737	21.793	VV	168040	5417573	20.82%	1.557%
294	21.812	21.793	21.878	VV	172161	8400703	32.28%	2.414%
295	21.912	21.878	21.921	VV	157918	4041016	15.53%	1.161%
296	22.020	21.921	22.060	VV	174191	13932323	53.53%	4.003%
297	22.072	22.060	22.195	VV	164060	12438896	47.80%	3.574%
298	22.292	22.195	22.301	VBA	155619	9875917	37.95%	2.838%
					Sum of corrected areas:		348013558	

Aliphatic EPH 101223.M Wed Nov 01 04:05:36 2023