

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121323AL\  
 Data File : FE045823.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Dec 2023 00:10  
 Sample : 05758-51  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.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	3.365	3.321	3.390	BV	254	2984	0.03%	0.003%
2	3.414	3.390	3.488	PV	1486	17641	0.19%	0.020%
3	3.498	3.488	3.541	PV	111	2315	0.03%	0.003%
4	3.610	3.541	3.627	VV	172	6457	0.07%	0.007%
5	3.649	3.627	3.674	VV	1664	23277	0.26%	0.027%
6	3.702	3.674	3.778	VV	26661	273453	3.02%	0.315%
7	3.784	3.778	3.791	VV	184	1596	0.02%	0.002%
8	3.818	3.791	3.867	VV	21428	219789	2.43%	0.253%
9	3.904	3.867	3.963	VV	4125	56161	0.62%	0.065%
10	3.979	3.963	3.988	VV	302	3965	0.04%	0.005%
11	4.037	3.988	4.078	VV	496	18616	0.21%	0.021%
12	4.092	4.078	4.160	VV	249	9225	0.10%	0.011%
13	4.182	4.160	4.234	VV	698	22900	0.25%	0.026%
14	4.248	4.234	4.318	VV	595	14367	0.16%	0.017%
15	4.344	4.318	4.358	VV	256	4278	0.05%	0.005%
16	4.380	4.358	4.463	VV	334	10446	0.12%	0.012%
17	4.480	4.463	4.502	VV	280	4571	0.05%	0.005%
18	4.515	4.502	4.524	VV	190	2227	0.02%	0.003%
19	4.534	4.524	4.574	VV	201	4634	0.05%	0.005%
20	4.605	4.574	4.621	VV	216	3652	0.04%	0.004%
21	4.646	4.621	4.679	VV	335	4791	0.05%	0.006%
22	4.696	4.679	4.733	VV	276	3748	0.04%	0.004%
23	4.764	4.733	4.805	VV	410	5884	0.06%	0.007%
24	4.824	4.805	4.850	VV	150	2690	0.03%	0.003%
25	4.918	4.850	4.944	VV	170	6649	0.07%	0.008%
26	4.948	4.944	4.965	VV	194	1450	0.02%	0.002%
27	4.977	4.965	4.991	VV	173	2073	0.02%	0.002%
28	4.994	4.991	5.094	VV	142	5568	0.06%	0.006%
29	5.133	5.094	5.170	VV	158	3212	0.04%	0.004%
30	5.183	5.170	5.207	VV	112	1566	0.02%	0.002%
31	5.215	5.207	5.238	VV	101	1237	0.01%	0.001%

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32	5.249	5.238	5.288	VV	235	3413	0.04%	0.004%
33	5.298	5.288	5.358	VV	188	2421	0.03%	0.003%
34	5.427	5.358	5.488	PV	423	11034	0.12%	0.013%
35	5.493	5.488	5.518	VV	160	1684	0.02%	0.002%
36	5.532	5.518	5.544	VV	73	930	0.01%	0.001%
37	5.551	5.544	5.587	VV	134	2018	0.02%	0.002%
38	5.599	5.587	5.603	VV	99	638	0.01%	0.001%
39	5.628	5.603	5.674	VV	169	5574	0.06%	0.006%
40	5.691	5.674	5.705	VV	312	3845	0.04%	0.004%
41	5.723	5.705	5.774	VV	367	7480	0.08%	0.009%
42	5.811	5.774	5.855	VV	186	5033	0.06%	0.006%
43	5.883	5.855	5.918	VV	182	3934	0.04%	0.005%
44	5.921	5.918	5.971	VV	171	3036	0.03%	0.003%
45	5.991	5.971	6.051	VV	116	4136	0.05%	0.005%
46	6.084	6.051	6.152	PV	180	5921	0.07%	0.007%
47	6.191	6.152	6.281	VV	780	23993	0.27%	0.028%
48	6.292	6.281	6.301	VV	195	1882	0.02%	0.002%
49	6.335	6.301	6.348	VV	237	4975	0.05%	0.006%
50	6.365	6.348	6.400	VV	483	8218	0.09%	0.009%
51	6.411	6.400	6.462	VV	194	5299	0.06%	0.006%
52	6.494	6.462	6.568	VV	270	10445	0.12%	0.012%
53	6.571	6.568	6.588	VV	155	1302	0.01%	0.001%
54	6.597	6.588	6.623	VV	191	2064	0.02%	0.002%
55	6.651	6.623	6.698	VV	253	5884	0.06%	0.007%
56	6.727	6.698	6.818	VV	197	6986	0.08%	0.008%
57	6.821	6.818	6.848	VV	182	1304	0.01%	0.002%
58	6.865	6.848	6.877	VV	156	1469	0.02%	0.002%
59	6.887	6.877	6.914	VV	147	1524	0.02%	0.002%
60	6.937	6.914	7.014	PV	139	3452	0.04%	0.004%
61	7.044	7.014	7.071	VV	370	6136	0.07%	0.007%
62	7.089	7.071	7.110	VV	157	2603	0.03%	0.003%
63	7.122	7.110	7.131	VV	211	1920	0.02%	0.002%
64	7.184	7.131	7.211	VV	404	12380	0.14%	0.014%
65	7.220	7.211	7.241	VV	216	3374	0.04%	0.004%
66	7.272	7.241	7.297	VV	350	7858	0.09%	0.009%
67	7.319	7.297	7.351	VV	479	8824	0.10%	0.010%
68	7.367	7.351	7.402	VV	340	8078	0.09%	0.009%
69	7.415	7.402	7.448	VV	287	5469	0.06%	0.006%
70	7.465	7.448	7.488	VV	302	4846	0.05%	0.006%
71	7.494	7.488	7.527	VV	220	3842	0.04%	0.004%
72	7.541	7.527	7.555	VV	172	2258	0.02%	0.003%
73	7.595	7.555	7.658	VV	1683	27153	0.30%	0.031%
74	7.660	7.658	7.669	VV	215	785	0.01%	0.001%
75	7.675	7.669	7.692	VV	107	1041	0.01%	0.001%
76	7.766	7.692	7.794	VV	198	6968	0.08%	0.008%
77	7.815	7.794	7.852	VV	108	1953	0.02%	0.002%
78	7.861	7.852	7.870	VV	71	732	0.01%	0.001%
79	8.120	8.111	8.151	VV	1478	30769	0.34%	0.035%

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80	8. 167	8. 151	8. 207	VV	1438	36886	0. 41%	0. 042%	
81	8. 222	8. 207	8. 270	VV	1037	29659	0. 33%	0. 034%	
82	8. 293	8. 270	8. 321	VV	1028	23068	0. 25%	0. 027%	
83	8. 331	8. 321	8. 353	VV	597	10068	0. 11%	0. 012%	
84	8. 393	8. 353	8. 414	VV	860	25208	0. 28%	0. 029%	
85	8. 440	8. 414	8. 456	VV	1653	27576	0. 30%	0. 032%	
86	8. 474	8. 456	8. 541	VV	2928	52578	0. 58%	0. 060%	
87	8. 571	8. 541	8. 611	VV	499	17176	0. 19%	0. 020%	
88	8. 626	8. 611	8. 684	VV	522	14890	0. 16%	0. 017%	
89	8. 710	8. 684	8. 738	VV	657	11622	0. 13%	0. 013%	
90	9. 012	8. 998	9. 106	VV	1933	82893	0. 92%	0. 095%	
91	9. 118	9. 106	9. 136	VV	950	15758	0. 17%	0. 018%	
92	9. 159	9. 136	9. 204	VV	1617	45187	0. 50%	0. 052%	
93	9. 217	9. 204	9. 278	VV	973	32592	0. 36%	0. 037%	
94	9. 303	9. 278	9. 411	VV	1236	50042	0. 55%	0. 058%	
95	9. 445	9. 411	9. 468	VV	711	14521	0. 16%	0. 017%	
96	9. 494	9. 468	9. 554	VV	493	16589	0. 18%	0. 019%	
97	9. 593	9. 554	9. 617	VV	395	10278	0. 11%	0. 012%	
98	9. 677	9. 617	9. 728	VV	1147	41253	0. 46%	0. 047%	
99	9. 743	9. 728	9. 799	VV	536	17635	0. 19%	0. 020%	
100	9. 817	9. 799	9. 861	VV	426	12393	0. 14%	0. 014%	
101	9. 870	9. 861	9. 895	VV	348	5903	0. 07%	0. 007%	
102	9. 914	9. 895	9. 971	VV	337	9391	0. 10%	0. 011%	
103	10. 001	9. 971	10. 060	VV	760	23102	0. 26%	0. 027%	
104	10. 085	10. 060	10. 171	VV	1031	35047	0. 39%	0. 040%	
105	10. 187	10. 171	10. 229	VV	275	5524	0. 06%	0. 006%	
106	10. 259	10. 229	10. 291	VV	141	3697	0. 04%	0. 004%	
107	10. 301	10. 291	10. 341	PV	147	1668	0. 02%	0. 002%	
108	10. 350	10. 341	10. 377	PV	81	430	0. 00%	0. 000%	
109	10. 422	10. 377	10. 447	PV	230	5804	0. 06%	0. 007%	
110	10. 473	10. 447	10. 495	VV	790	12374	0. 14%	0. 014%	
111	10. 526	10. 495	10. 538	VV	342	6973	0. 08%	0. 008%	
112	10. 559	10. 538	10. 582	VV	402	6972	0. 08%	0. 008%	
113	10. 610	10. 582	10. 638	VV	277	5327	0. 06%	0. 006%	
114	10. 669	10. 638	10. 706	PV	274	5248	0. 06%	0. 006%	
115	10. 745	10. 706	10. 797	VV	1323	35526	0. 39%	0. 041%	
116	10. 824	10. 797	10. 853	VV	1077	22519	0. 25%	0. 026%	
117	10. 890	10. 853	10. 954	VV	2028	51492	0. 57%	0. 059%	
118	10. 973	10. 954	11. 005	VV	278	4582	0. 05%	0. 005%	
119	11. 074	11. 005	11. 138	VV	29372	498555	5. 51%	0. 573%	
120	11. 155	11. 138	11. 260	VV	3193	93530	1. 03%	0. 108%	
121	11. 272	11. 260	11. 315	VV	374	8604	0. 10%	0. 010%	
122	11. 328	11. 315	11. 344	VV	191	2125	0. 02%	0. 002%	
123	11. 390	11. 344	11. 434	VV	477	11418	0. 13%	0. 013%	
124	11. 458	11. 434	11. 491	VV	753	12386	0. 14%	0. 014%	
125	11. 527	11. 491	11. 554	VV	1017	15707	0. 17%	0. 018%	
126	11. 613	11. 554	11. 660	VV	1926	35485	0. 39%	0. 041%	

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127	11.681	11.660	11.701	PV	355	4265	0.05%	0.005%
128	11.724	11.701	11.757	VV	481	8372	0.09%	0.010%
129	11.843	11.757	11.899	VV	805639	9053188	100.00%	10.414%
130	11.914	11.899	11.954	VV	3445	69047	0.76%	0.079%
131	11.992	11.954	12.012	VV	2182	49260	0.54%	0.057%
132	12.027	12.012	12.044	VV	1695	23729	0.26%	0.027%
133	12.061	12.044	12.104	VV	1539	26593	0.29%	0.031%
134	12.133	12.104	12.148	PV	304	3862	0.04%	0.004%
135	12.196	12.148	12.236	VV	1074	23533	0.26%	0.027%
136	12.278	12.236	12.330	VV	1185	36976	0.41%	0.043%
137	12.356	12.330	12.398	VV	1542	30703	0.34%	0.035%
138	12.415	12.398	12.423	VV	843	10151	0.11%	0.012%
139	12.446	12.423	12.514	VV	10671	135659	1.50%	0.156%
140	12.558	12.514	12.593	VV	746	20610	0.23%	0.024%
141	12.609	12.593	12.623	VV	564	7948	0.09%	0.009%
142	12.645	12.623	12.653	VV	613	8842	0.10%	0.010%
143	12.667	12.653	12.709	VV	731	14463	0.16%	0.017%
144	12.741	12.709	12.758	PV	1862	26656	0.29%	0.031%
145	12.778	12.758	12.802	VV	2108	37112	0.41%	0.043%
146	12.839	12.802	12.868	VV	2420	45964	0.51%	0.053%
147	12.894	12.868	13.011	VV	35805	527262	5.82%	0.607%
148	13.022	13.011	13.044	VV	345	4465	0.05%	0.005%
149	13.086	13.044	13.108	PV	1291	21441	0.24%	0.025%
150	13.130	13.108	13.168	VV	590	13994	0.15%	0.016%
151	13.193	13.168	13.241	VV	23026	325563	3.60%	0.374%
152	13.285	13.241	13.357	VV	540998	6858490	75.76%	7.889%
153	13.372	13.357	13.428	VV	1892	46194	0.51%	0.053%
154	13.454	13.428	13.510	VV	2107	63694	0.70%	0.073%
155	13.527	13.510	13.568	VV	1021	19429	0.21%	0.022%
156	13.615	13.568	13.634	VV	618	13455	0.15%	0.015%
157	13.669	13.634	13.698	VV	739	18732	0.21%	0.022%
158	13.708	13.698	13.741	VV	348	5400	0.06%	0.006%
159	13.789	13.741	13.811	VV	681	17239	0.19%	0.020%
160	13.859	13.811	13.870	VV	401	10630	0.12%	0.012%
161	13.894	13.870	13.912	VV	498	9402	0.10%	0.011%
162	13.988	13.912	14.010	VV	1577	50531	0.56%	0.058%
163	14.037	14.010	14.089	VV	2880	68912	0.76%	0.079%
164	14.096	14.089	14.155	VV	615	17933	0.20%	0.021%
165	14.184	14.155	14.211	VV	372	8940	0.10%	0.010%
166	14.267	14.211	14.314	PV	822	28982	0.32%	0.033%
167	14.338	14.314	14.358	VV	541	7928	0.09%	0.009%
168	14.403	14.358	14.421	PV	646	12537	0.14%	0.014%
169	14.471	14.421	14.498	VV	2199	54736	0.60%	0.063%
170	14.539	14.498	14.572	VV	1764	39374	0.43%	0.045%
171	14.600	14.572	14.631	VV	3861	59257	0.65%	0.068%
172	14.662	14.631	14.684	VV	1176	27249	0.30%	0.031%
173	14.708	14.684	14.744	VV	1815	42258	0.47%	0.049%
174	14.765	14.744	14.791	VV	1723	25130	0.28%	0.029%

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175	14.847	14.791	14.864	VV	1287	31341	0.35%	0.036%	
176	14.881	14.864	14.907	VV	956	13808	0.15%	0.016%	
177	14.923	14.907	14.933	VV	210	1992	0.02%	0.002%	
178	14.952	14.933	14.968	PV	379	4310	0.05%	0.005%	
179	15.081	14.968	15.099	VV	3921	89663	0.99%	0.103%	
180	15.137	15.099	15.166	VV	6756	173323	1.91%	0.199%	
181	15.184	15.166	15.198	VV	1417	20948	0.23%	0.024%	
182	15.218	15.198	15.239	VV	1437	26431	0.29%	0.030%	
183	15.286	15.239	15.318	VV	1062	33310	0.37%	0.038%	
184	15.338	15.318	15.354	PV	492	5425	0.06%	0.006%	
185	15.398	15.354	15.441	VV	1030	29316	0.32%	0.034%	
186	15.448	15.441	15.490	VV	722	13620	0.15%	0.016%	
187	15.547	15.490	15.631	PV	15813	444273	4.91%	0.511%	
188	15.661	15.631	15.691	VV	6181	100388	1.11%	0.115%	
189	15.723	15.691	15.738	VV	2288	41018	0.45%	0.047%	
190	15.756	15.738	15.773	VV	2079	36291	0.40%	0.042%	
191	15.787	15.773	15.821	VV	1854	29444	0.33%	0.034%	
192	15.919	15.821	15.944	PV	1631	56753	0.63%	0.065%	
193	15.976	15.944	15.998	VV	1216	26646	0.29%	0.031%	
194	16.008	15.998	16.018	VV	680	6132	0.07%	0.007%	
195	16.085	16.018	16.121	VV	1443	62010	0.68%	0.071%	
196	16.163	16.121	16.191	VV	6814	122431	1.35%	0.141%	
197	16.202	16.191	16.208	VV	1720	16679	0.18%	0.019%	
198	16.215	16.208	16.259	VV	1685	30500	0.34%	0.035%	
199	16.288	16.259	16.311	VV	629	12823	0.14%	0.015%	
200	16.347	16.311	16.381	PV	2786	56474	0.62%	0.065%	
201	16.450	16.381	16.493	VV	1891	72783	0.80%	0.084%	
202	16.520	16.493	16.534	VV	1548	27283	0.30%	0.031%	
203	16.561	16.534	16.581	VV	2143	43892	0.48%	0.050%	
204	16.646	16.581	16.700	VV	11693	243363	2.69%	0.280%	
205	16.775	16.700	16.792	VV	2853	91471	1.01%	0.105%	
206	16.806	16.792	16.819	VV	1821	26333	0.29%	0.030%	
207	16.853	16.819	16.868	VV	1670	42547	0.47%	0.049%	
208	16.878	16.868	16.891	VV	1383	14307	0.16%	0.016%	
209	16.968	16.891	17.005	VV	3140	115626	1.28%	0.133%	
210	17.032	17.005	17.054	VV	2064	39084	0.43%	0.045%	
211	17.119	17.054	17.143	PV	9131	208340	2.30%	0.240%	
212	17.161	17.143	17.181	VV	6982	105407	1.16%	0.121%	
213	17.198	17.181	17.217	VV	1675	24490	0.27%	0.028%	
214	17.279	17.217	17.299	VV	2348	54963	0.61%	0.063%	
215	17.341	17.299	17.374	VV	4179	102142	1.13%	0.117%	
216	17.427	17.374	17.441	VV	2558	65648	0.73%	0.076%	
217	17.447	17.441	17.474	VV	2101	28780	0.32%	0.033%	
218	17.520	17.474	17.539	VV	4132	108409	1.20%	0.125%	
219	17.567	17.539	17.607	VV	10212	200444	2.21%	0.231%	
220	17.625	17.607	17.640	VV	2777	41147	0.45%	0.047%	
221	17.668	17.640	17.705	VV	4022	112606	1.24%	0.130%	

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222	17.738	17.705	17.784	VV	3632	97651	1.08%	0.112%
223	17.846	17.784	17.868	VV	2877	84425	0.93%	0.097%
224	17.899	17.868	17.921	VV	3759	78805	0.87%	0.091%
225	18.003	17.921	18.055	VV	14952	432114	4.77%	0.497%
226	18.098	18.055	18.108	VV	4256	92801	1.03%	0.107%
227	18.139	18.108	18.206	VV	12640	395094	4.36%	0.454%
228	18.281	18.206	18.301	VV	7883	278629	3.08%	0.321%
229	18.314	18.301	18.351	VV	6538	169814	1.88%	0.195%
230	18.391	18.351	18.406	VV	15644	359757	3.97%	0.414%
231	18.427	18.406	18.468	VV	18807	462771	5.11%	0.532%
232	18.507	18.468	18.532	VV	14817	339022	3.74%	0.390%
233	18.541	18.532	18.564	VV	6956	133492	1.47%	0.154%
234	18.575	18.564	18.610	VV	7265	171482	1.89%	0.197%
235	18.667	18.610	18.694	VV	8266	355190	3.92%	0.409%
236	18.712	18.694	18.734	VV	8418	188533	2.08%	0.217%
237	18.839	18.734	18.881	VV	23217	928882	10.26%	1.068%
238	18.930	18.881	18.953	VV	16201	453362	5.01%	0.522%
239	18.981	18.953	19.027	VV	15610	523253	5.78%	0.602%
240	19.047	19.027	19.058	VV	10134	178459	1.97%	0.205%
241	19.099	19.058	19.157	VV	12531	651457	7.20%	0.749%
242	19.238	19.157	19.300	VV	32386	1576944	17.42%	1.814%
243	19.335	19.300	19.376	VV	17046	674697	7.45%	0.776%
244	19.409	19.376	19.421	VV	19459	469905	5.19%	0.541%
245	19.431	19.421	19.473	VV	18150	491765	5.43%	0.566%
246	19.553	19.473	19.564	VV	16598	862710	9.53%	0.992%
247	19.628	19.564	19.692	VV	34851	1679306	18.55%	1.932%
248	19.740	19.692	19.778	VV	24152	1071917	11.84%	1.233%
249	19.825	19.778	19.841	VV	23299	838454	9.26%	0.964%
250	19.916	19.841	19.949	VV	29490	1628121	17.98%	1.873%
251	20.004	19.949	20.031	VV	43180	1608817	17.77%	1.851%
252	20.044	20.031	20.090	VV	33738	1058508	11.69%	1.218%
253	20.160	20.090	20.174	VV	30882	1455665	16.08%	1.674%
254	20.261	20.174	20.275	VV	36338	1958637	21.63%	2.253%
255	20.283	20.275	20.295	VV	34745	410416	4.53%	0.472%
256	20.332	20.295	20.340	VV	36704	931860	10.29%	1.072%
257	20.369	20.340	20.393	VV	51388	1391478	15.37%	1.601%
258	20.424	20.393	20.452	VV	45313	1439115	15.90%	1.655%
259	20.525	20.452	20.542	VV	46798	2272929	25.11%	2.615%
260	20.555	20.542	20.579	VV	45518	983146	10.86%	1.131%
261	20.603	20.579	20.619	VV	45200	1073102	11.85%	1.234%
262	20.642	20.619	20.651	VV	44912	861633	9.52%	0.991%
263	20.660	20.651	20.675	VV	44987	622218	6.87%	0.716%
264	20.724	20.675	20.781	VV	61525	3093453	34.17%	3.558%
265	20.836	20.781	20.855	VV	49311	2092719	23.12%	2.407%
266	20.870	20.855	20.926	VV	48688	1981129	21.88%	2.279%
267	20.938	20.926	21.017	VV	45000	2359561	26.06%	2.714%
268	21.031	21.017	21.044	VV	43353	689646	7.62%	0.793%
269	21.102	21.044	21.170	VV	55710	3376222	37.29%	3.884%

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270	21.181	21.170	21.220	VV	39990	1139358	12.59%	1.311%
271	21.232	21.220	21.271	VV	36872	1095021	12.10%	1.260%
272	21.319	21.271	21.333	VV	38000	1352841	14.94%	1.556%
273	21.368	21.333	21.395	VV	36724	1357968	15.00%	1.562%
274	21.420	21.395	21.478	VV	37760	1773422	19.59%	2.040%
275	21.522	21.478	21.571	VV	43572	1968057	21.74%	2.264%
276	21.598	21.571	21.608	VV	29406	626361	6.92%	0.721%
277	21.647	21.608	21.668	VV	31167	1063185	11.74%	1.223%
278	21.676	21.668	21.698	VV	29081	514830	5.69%	0.592%
279	21.712	21.698	21.737	VV	28899	648321	7.16%	0.746%
280	21.767	21.737	21.818	VV	28025	1213060	13.40%	1.395%
281	21.823	21.818	21.897	VV	22674	1021862	11.29%	1.175%
282	21.907	21.897	21.916	VV	21244	239688	2.65%	0.276%
283	21.935	21.916	21.951	VV	21474	426340	4.71%	0.490%
284	21.995	21.951	22.103	VV	31158	2088370	23.07%	2.402%
285	22.145	22.103	22.217	VV	19065	1065667	11.77%	1.226%
286	22.231	22.217	22.245	VV	12220	193878	2.14%	0.223%
					Sum of corrected areas:	86933365		

Aliphatic EPH 113023.M Thu Dec 14 05:11:24 2023