

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120523AL\
 Data File : FE045660.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2023 17:38
 Sample : 05624-03D
 Misc :
 ALS Vial : 19 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	3.340	3.304	3.363	BV	50	111	0.00%	0.000%
2	3.379	3.363	3.410	PV	461	4957	0.06%	0.007%
3	3.431	3.410	3.474	VV	1432	15079	0.18%	0.022%
4	3.539	3.474	3.567	VV	125	2456	0.03%	0.004%
5	3.606	3.567	3.638	VV	442	9474	0.11%	0.014%
6	3.663	3.638	3.691	VV	2008	31810	0.38%	0.047%
7	3.719	3.691	3.810	VV	25426	251386	3.03%	0.370%
8	3.835	3.810	3.877	VV	19736	192944	2.33%	0.284%
9	3.893	3.877	3.903	VV	467	5524	0.07%	0.008%
10	3.922	3.903	3.975	VV	3710	45925	0.55%	0.068%
11	3.988	3.975	4.004	VV	467	5623	0.07%	0.008%
12	4.021	4.004	4.091	VV	2378	42554	0.51%	0.063%
13	4.109	4.091	4.166	VV	389	9128	0.11%	0.013%
14	4.204	4.166	4.248	VV	1866	50544	0.61%	0.074%
15	4.261	4.248	4.293	VV	584	10200	0.12%	0.015%
16	4.309	4.293	4.344	VV	228	4927	0.06%	0.007%
17	4.363	4.344	4.375	VV	178	2421	0.03%	0.004%
18	4.392	4.375	4.414	VV	361	5240	0.06%	0.008%
19	4.426	4.414	4.462	VV	220	4356	0.05%	0.006%
20	4.501	4.462	4.613	VV	413	17888	0.22%	0.026%
21	4.623	4.613	4.644	VV	209	2124	0.03%	0.003%
22	4.665	4.644	4.694	VV	394	5174	0.06%	0.008%
23	4.714	4.694	4.744	VV	396	5160	0.06%	0.008%
24	4.754	4.744	4.761	PV	113	745	0.01%	0.001%
25	4.779	4.761	4.798	VV	367	3952	0.05%	0.006%
26	4.811	4.798	4.863	VV	155	3117	0.04%	0.005%
27	4.927	4.863	4.960	VV	191	6998	0.08%	0.010%
28	4.979	4.960	5.038	VV	280	8996	0.11%	0.013%
29	5.046	5.038	5.101	VV	193	4363	0.05%	0.006%
30	5.111	5.101	5.130	PV	158	1591	0.02%	0.002%
31	5.163	5.130	5.191	VV	175	3835	0.05%	0.006%
32	5.265	5.191	5.309	VV	345	8722	0.11%	0.013%
33	5.321	5.309	5.342	VV	121	1121	0.01%	0.002%
34	5.349	5.342	5.362	VV	77	579	0.01%	0.001%
35	5.442	5.362	5.492	PV	461	10694	0.13%	0.016%
36	5.515	5.492	5.547	VV	111	2279	0.03%	0.003%

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37	5.558	5.547	5.594	PV	68	1648	0.02%	0.002%
38	5.607	5.594	5.623	VV	101	1470	0.02%	0.002%
39	5.679	5.623	5.701	VV	765	14835	0.18%	0.022%
40	5.716	5.701	5.728	VV	750	8925	0.11%	0.013%
41	5.739	5.728	5.788	VV	653	12225	0.15%	0.018%
42	5.828	5.788	5.861	VV	291	8005	0.10%	0.012%
43	5.867	5.861	5.938	VV	153	6482	0.08%	0.010%
44	5.965	5.938	5.981	VV	117	2622	0.03%	0.004%
45	6.008	5.981	6.034	VV	149	3383	0.04%	0.005%
46	6.037	6.034	6.074	VV	160	2267	0.03%	0.003%
47	6.106	6.074	6.141	VV	193	4983	0.06%	0.007%
48	6.169	6.141	6.177	VV	161	2539	0.03%	0.004%
49	6.206	6.177	6.284	VV	842	23036	0.28%	0.034%
50	6.297	6.284	6.304	VV	172	2039	0.02%	0.003%
51	6.312	6.304	6.334	VV	211	3037	0.04%	0.004%
52	6.381	6.334	6.413	VV	442	11515	0.14%	0.017%
53	6.467	6.413	6.481	VV	238	7771	0.09%	0.011%
54	6.521	6.481	6.541	VV	364	9823	0.12%	0.014%
55	6.549	6.541	6.588	VV	310	6683	0.08%	0.010%
56	6.597	6.588	6.641	VV	207	6122	0.07%	0.009%
57	6.668	6.641	6.703	VV	354	8345	0.10%	0.012%
58	6.752	6.703	6.774	VV	369	9857	0.12%	0.014%
59	6.794	6.774	6.932	VV	2144	54598	0.66%	0.080%
60	6.955	6.932	6.965	VV	290	4969	0.06%	0.007%
61	6.986	6.965	7.030	VV	340	10385	0.13%	0.015%
62	7.059	7.030	7.081	VV	862	13723	0.17%	0.020%
63	7.102	7.081	7.110	VV	358	5573	0.07%	0.008%
64	7.136	7.110	7.149	VV	495	10261	0.12%	0.015%
65	7.165	7.149	7.185	VV	713	11287	0.14%	0.017%
66	7.206	7.185	7.264	VV	762	24006	0.29%	0.035%
67	7.299	7.264	7.314	VV	484	12885	0.16%	0.019%
68	7.337	7.314	7.371	VV	843	18358	0.22%	0.027%
69	7.403	7.371	7.471	VV	801	26767	0.32%	0.039%
70	7.485	7.471	7.511	VV	404	8272	0.10%	0.012%
71	7.519	7.511	7.530	VV	325	3787	0.05%	0.006%
72	7.542	7.530	7.551	VV	351	3944	0.05%	0.006%
73	7.555	7.551	7.573	VV	345	4229	0.05%	0.006%
74	7.616	7.573	7.714	VV	981	38053	0.46%	0.056%
75	7.729	7.714	7.771	VV	331	11206	0.14%	0.016%
76	7.782	7.771	7.817	VV	435	9564	0.12%	0.014%
77	7.834	7.817	7.860	VV	392	8543	0.10%	0.013%
78	8.184	8.167	8.211	VV	977	23675	0.29%	0.035%
79	8.227	8.211	8.261	VV	860	23472	0.28%	0.035%
80	8.271	8.261	8.294	VV	767	13888	0.17%	0.020%
81	8.311	8.294	8.351	VV	765	23154	0.28%	0.034%
82	8.386	8.351	8.434	VV	809	33098	0.40%	0.049%
83	8.460	8.434	8.478	VV	2290	35767	0.43%	0.053%
84	8.494	8.478	8.604	VV	1724	57429	0.69%	0.084%
85	8.643	8.604	8.703	VV	697	32866	0.40%	0.048%
86	8.730	8.703	8.764	VV	1123	24018	0.29%	0.035%
87	9.029	9.011	9.078	VV	1405	47085	0.57%	0.069%
88	9.091	9.078	9.206	VV	1084	62740	0.76%	0.092%
89	9.233	9.206	9.298	VV	820	38261	0.46%	0.056%

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90	9.323	9.298	9.338	VV	1292	22761	0.27%	0.033%
91	9.373	9.338	9.438	VV	1812	59196	0.71%	0.087%
92	9.458	9.438	9.496	VV	624	18627	0.22%	0.027%
93	9.519	9.496	9.594	VV	566	26829	0.32%	0.039%
94	9.608	9.594	9.626	VV	459	7739	0.09%	0.011%
95	9.663	9.626	9.681	VV	812	20199	0.24%	0.030%
96	9.700	9.681	9.756	VV	787	26397	0.32%	0.039%
97	9.769	9.756	9.811	VV	519	15198	0.18%	0.022%
98	9.828	9.811	9.844	VV	502	8787	0.11%	0.013%
99	9.881	9.844	9.918	VV	517	17408	0.21%	0.026%
100	9.936	9.918	9.955	VV	552	9770	0.12%	0.014%
101	9.972	9.955	9.994	VV	440	8495	0.10%	0.012%
102	10.039	9.994	10.084	VV	487	22147	0.27%	0.033%
103	10.104	10.084	10.176	VV	925	26916	0.32%	0.040%
104	10.187	10.176	10.228	VV	343	9661	0.12%	0.014%
105	10.253	10.228	10.318	VV	580	16428	0.20%	0.024%
106	10.331	10.318	10.358	VV	252	5451	0.07%	0.008%
107	10.364	10.358	10.410	VV	244	6883	0.08%	0.010%
108	10.450	10.410	10.462	VV	353	8498	0.10%	0.012%
109	10.496	10.462	10.524	VV	508	13971	0.17%	0.021%
110	10.543	10.524	10.563	VV	409	8085	0.10%	0.012%
111	10.581	10.563	10.624	VV	380	10535	0.13%	0.015%
112	10.635	10.624	10.653	VV	265	4406	0.05%	0.006%
113	10.665	10.653	10.720	VV	300	10168	0.12%	0.015%
114	10.768	10.720	10.782	VV	382	10357	0.12%	0.015%
115	10.846	10.782	10.884	VV	1015	27953	0.34%	0.041%
116	10.919	10.884	10.968	VV	547	19061	0.23%	0.028%
117	10.975	10.968	11.014	VV	334	7153	0.09%	0.011%
118	11.064	11.014	11.088	VV	364	11892	0.14%	0.017%
119	11.124	11.088	11.161	VV	385	13096	0.16%	0.019%
120	11.187	11.161	11.198	VV	383	6770	0.08%	0.010%
121	11.226	11.198	11.270	VV	331	10820	0.13%	0.016%
122	11.299	11.270	11.337	VV	226	7571	0.09%	0.011%
123	11.351	11.337	11.391	VV	238	5596	0.07%	0.008%
124	11.422	11.391	11.452	VV	235	5775	0.07%	0.008%
125	11.481	11.452	11.504	VV	612	8922	0.11%	0.013%
126	11.550	11.504	11.601	VV	844	16863	0.20%	0.025%
127	11.635	11.601	11.681	VV	422	10331	0.12%	0.015%
128	11.707	11.681	11.724	VV	360	5271	0.06%	0.008%
129	11.744	11.724	11.768	VV	258	4375	0.05%	0.006%
130	11.867	11.768	11.948	PV	733785	8298426	100.00%	12.198%
131	11.965	11.948	11.991	VV	693	16417	0.20%	0.024%
132	12.029	11.991	12.092	VV	2573	46453	0.56%	0.068%
133	12.101	12.092	12.134	VV	189	3310	0.04%	0.005%
134	12.155	12.134	12.174	VV	217	2874	0.03%	0.004%
135	12.220	12.174	12.253	VV	720	13507	0.16%	0.020%
136	12.269	12.253	12.288	VV	311	4321	0.05%	0.006%
137	12.308	12.288	12.332	VV	328	5564	0.07%	0.008%
138	12.348	12.332	12.412	VV	172	4779	0.06%	0.007%
139	12.470	12.412	12.558	VV	11217	126574	1.53%	0.186%
140	12.567	12.558	12.584	VV	178	2925	0.04%	0.004%
141	12.592	12.584	12.614	VV	257	3662	0.04%	0.005%

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142	12.624	12.614	12.648	VV	189	3443	0.04%	0.005%
143	12.670	12.648	12.705	VV	454	8930	0.11%	0.013%
144	12.718	12.705	12.741	VV	198	2387	0.03%	0.004%
145	12.756	12.741	12.767	VV	87	1258	0.02%	0.002%
146	12.802	12.767	12.834	VV	245	6294	0.08%	0.009%
147	12.862	12.834	12.904	VV	873	14352	0.17%	0.021%
148	12.924	12.904	12.956	VV	1033	15053	0.18%	0.022%
149	12.979	12.956	13.011	VV	373	6355	0.08%	0.009%
150	13.020	13.011	13.037	VV	148	968	0.01%	0.001%
151	13.117	13.037	13.145	PV	342	8889	0.11%	0.013%
152	13.156	13.145	13.168	VV	140	1345	0.02%	0.002%
153	13.176	13.168	13.199	VV	109	1261	0.02%	0.002%
154	13.223	13.199	13.244	PV	475	7200	0.09%	0.011%
155	13.309	13.244	13.411	VV	518304	6363413	76.68%	9.353%
156	13.418	13.411	13.450	VV	503	9166	0.11%	0.013%
157	13.475	13.450	13.584	VV	979	30503	0.37%	0.045%
158	13.602	13.584	13.628	VV	183	3809	0.05%	0.006%
159	13.640	13.628	13.648	VV	151	1537	0.02%	0.002%
160	13.672	13.648	13.698	VV	306	5576	0.07%	0.008%
161	13.706	13.698	13.764	VV	228	4769	0.06%	0.007%
162	13.775	13.764	13.791	VV	87	712	0.01%	0.001%
163	13.802	13.791	13.811	PV	109	694	0.01%	0.001%
164	13.824	13.811	13.841	VV	153	1436	0.02%	0.002%
165	13.869	13.841	13.894	VV	211	4021	0.05%	0.006%
166	13.919	13.894	13.961	VV	230	5016	0.06%	0.007%
167	14.013	13.961	14.038	VV	642	11061	0.13%	0.016%
168	14.062	14.038	14.137	VV	1020	19500	0.23%	0.029%
169	14.171	14.137	14.193	VV	182	3291	0.04%	0.005%
170	14.204	14.193	14.216	PV	109	973	0.01%	0.001%
171	14.292	14.216	14.305	VV	260	6324	0.08%	0.009%
172	14.314	14.305	14.370	VV	185	3772	0.05%	0.006%
173	14.458	14.370	14.481	PV	1176	23145	0.28%	0.034%
174	14.498	14.481	14.542	VV	1409	20762	0.25%	0.031%
175	14.580	14.542	14.595	VV	157	4013	0.05%	0.006%
176	14.626	14.595	14.665	PV	1458	25055	0.30%	0.037%
177	14.683	14.665	14.704	VV	475	7519	0.09%	0.011%
178	14.730	14.704	14.746	VV	233	4170	0.05%	0.006%
179	14.759	14.746	14.772	VV	201	2318	0.03%	0.003%
180	14.788	14.772	14.801	VV	166	2094	0.03%	0.003%
181	14.849	14.801	14.894	VV	395	8397	0.10%	0.012%
182	14.914	14.894	14.934	VV	125	2027	0.02%	0.003%
183	14.952	14.934	14.959	VV	128	951	0.01%	0.001%
184	15.015	14.959	15.047	PV	436	10268	0.12%	0.015%
185	15.058	15.047	15.064	VV	112	907	0.01%	0.001%
186	15.166	15.064	15.194	VV	1881	39811	0.48%	0.059%
187	15.212	15.194	15.247	VV	648	10351	0.12%	0.015%
188	15.331	15.247	15.348	VV	171	4823	0.06%	0.007%
189	15.355	15.348	15.380	VV	209	1872	0.02%	0.003%
190	15.551	15.380	15.659	PV	21215	405034	4.88%	0.595%
191	15.687	15.659	15.723	VV	2104	34789	0.42%	0.051%
192	15.753	15.723	15.785	VV	2937	40627	0.49%	0.060%
193	15.815	15.785	15.841	VV	182	3654	0.04%	0.005%
194	16.069	15.841	16.115	PV	694	17131	0.21%	0.025%

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195	16.190	16.115	16.214	VV	2125	30733	0.37%	0.045%
196	16.255	16.214	16.265	VV	197	4181	0.05%	0.006%
197	16.272	16.265	16.277	VV	86	619	0.01%	0.001%
198	16.328	16.277	16.341	PV	208	3853	0.05%	0.006%
199	16.479	16.341	16.513	PV	2241	36203	0.44%	0.053%
200	16.570	16.513	16.604	VV	2156	44217	0.53%	0.065%
201	16.675	16.604	16.702	VV	2688	45987	0.55%	0.068%
202	16.748	16.702	16.778	VV	713	14333	0.17%	0.021%
203	16.808	16.778	16.818	PV	297	3889	0.05%	0.006%
204	17.028	16.818	17.048	VV	784	15628	0.19%	0.023%
205	17.142	17.048	17.169	VV	3454	82630	1.00%	0.121%
206	17.188	17.169	17.204	VV	1760	28590	0.34%	0.042%
207	17.222	17.204	17.242	VV	1344	25573	0.31%	0.038%
208	17.388	17.242	17.414	VV	1020	91370	1.10%	0.134%
209	17.515	17.414	17.542	VV	1324	39607	0.48%	0.058%
210	17.593	17.542	17.629	VV	3506	51656	0.62%	0.076%
211	17.689	17.629	17.717	PV	1902	43138	0.52%	0.063%
212	17.988	17.717	18.006	VV	3253	373151	4.50%	0.548%
213	18.032	18.006	18.060	VV	4210	79179	0.95%	0.116%
214	18.072	18.060	18.088	VV	349	4116	0.05%	0.006%
215	18.125	18.088	18.140	PV	693	7813	0.09%	0.011%
216	18.306	18.140	18.324	PV	3027	45871	0.55%	0.067%
217	18.352	18.324	18.361	VV	2973	54933	0.66%	0.081%
218	18.397	18.361	18.433	VV	15768	370556	4.47%	0.545%
219	18.457	18.433	18.484	VV	7963	184992	2.23%	0.272%
220	18.547	18.484	18.647	VV	4298	302314	3.64%	0.444%
221	18.673	18.647	18.694	VV	644	16559	0.20%	0.024%
222	18.866	18.694	18.911	PV	9759	307252	3.70%	0.452%
223	18.964	18.911	18.991	VV	3158	115508	1.39%	0.170%
224	19.024	18.991	19.051	VV	1731	52282	0.63%	0.077%
225	19.224	19.051	19.248	VV	14643	588527	7.09%	0.865%
226	19.267	19.248	19.305	VV	12438	346023	4.17%	0.509%
227	19.327	19.305	19.354	VV	7505	205307	2.47%	0.302%
228	19.384	19.354	19.396	VV	6121	149562	1.80%	0.220%
229	19.429	19.396	19.459	VV	9129	259555	3.13%	0.382%
230	19.608	19.459	19.624	VV	16140	1041533	12.55%	1.531%
231	19.652	19.624	19.670	VV	21180	522417	6.30%	0.768%
232	19.755	19.670	19.793	VV	19539	1383472	16.67%	2.034%
233	19.820	19.793	19.837	VV	17239	434711	5.24%	0.639%
234	19.848	19.837	19.861	VV	15687	223315	2.69%	0.328%
235	19.945	19.861	19.980	VV	21757	1230266	14.83%	1.808%
236	20.004	19.980	20.018	VV	17657	383646	4.62%	0.564%
237	20.031	20.018	20.058	VV	16523	379329	4.57%	0.558%
238	20.128	20.058	20.141	VV	23867	1027871	12.39%	1.511%
239	20.171	20.141	20.191	VV	28796	795732	9.59%	1.170%
240	20.251	20.191	20.264	VV	30091	1269726	15.30%	1.866%
241	20.401	20.264	20.411	VV	41046	3048076	36.73%	4.480%
242	20.433	20.411	20.462	VV	41655	1207924	14.56%	1.775%
243	20.474	20.462	20.492	VV	35879	629915	7.59%	0.926%
244	20.621	20.492	20.719	VV	59764	6736521	81.18%	9.902%
245	20.788	20.719	20.807	VV	52664	2645538	31.88%	3.889%
246	20.822	20.807	20.857	VV	49048	1402174	16.90%	2.061%

					rteres			
247	20.868	20.857	20.891	VV	41705	818317	9.86%	1.203%
248	20.923	20.891	20.961	VV	41996	1645028	19.82%	2.418%
249	21.054	20.961	21.077	VV	47826	3099674	37.35%	4.556%
250	21.087	21.077	21.174	VV	42029	2116979	25.51%	3.112%
251	21.234	21.174	21.244	VV	35230	1357470	16.36%	1.995%
252	21.264	21.244	21.295	VV	37038	1050273	12.66%	1.544%
253	21.305	21.295	21.311	VV	33131	332073	4.00%	0.488%
254	21.367	21.311	21.418	VV	38461	2251116	27.13%	3.309%
255	21.442	21.418	21.470	VV	31311	942411	11.36%	1.385%
256	21.488	21.470	21.497	VV	30592	467081	5.63%	0.687%
257	21.555	21.497	21.681	VV	33624	2867001	34.55%	4.214%
258	21.696	21.681	21.734	VV	15289	445783	5.37%	0.655%
259	21.755	21.734	21.774	VV	14386	320896	3.87%	0.472%
260	21.802	21.774	21.858	VV	19708	822447	9.91%	1.209%
261	21.872	21.858	21.891	VV	14573	265033	3.19%	0.390%
262	21.914	21.891	21.942	VV	12694	354560	4.27%	0.521%
263	22.025	21.942	22.047	VV	26374	1134491	13.67%	1.668%
264	22.059	22.047	22.124	VV	24544	918116	11.06%	1.350%
265	22.133	22.124	22.225	VV	12738	493100	5.94%	0.725%

Sum of corrected areas: 68033388

Aliphatic EPH 113023.M Wed Dec 06 03:30:09 2023