

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111023AL\
 Data File : FE045298.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2023 22:04
 Sample : 05351-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.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	3.209	3.184	3.231	PV	12141	118293	1.73%	0.342%
2	3.243	3.231	3.320	PV	1695	9026	0.13%	0.026%
3	3.363	3.320	3.381	PV	225	5014	0.07%	0.015%
4	3.398	3.381	3.416	VV	662	7436	0.11%	0.022%
5	3.447	3.416	3.495	VV	2961	35463	0.52%	0.103%
6	3.508	3.495	3.519	VV	201	1973	0.03%	0.006%
7	3.538	3.519	3.568	VV	322	5197	0.08%	0.015%
8	3.605	3.568	3.648	VV	1796	27906	0.41%	0.081%
9	3.686	3.648	3.706	VV	3424	55339	0.81%	0.160%
10	3.733	3.706	3.821	VV	54217	542059	7.93%	1.569%
11	3.849	3.821	3.895	VV	47894	454858	6.65%	1.316%
12	3.937	3.895	3.987	VV	3949	62216	0.91%	0.180%
13	4.005	3.987	4.033	VV	2478	29996	0.44%	0.087%
14	4.048	4.033	4.076	VV	1136	19934	0.29%	0.058%
15	4.105	4.076	4.190	VV	1341	36101	0.53%	0.104%
16	4.215	4.190	4.227	VV	1879	28650	0.42%	0.083%
17	4.240	4.227	4.266	VV	2167	35789	0.52%	0.104%
18	4.278	4.266	4.358	VV	1083	28009	0.41%	0.081%
19	4.376	4.358	4.389	VV	437	5967	0.09%	0.017%
20	4.407	4.389	4.487	VV	947	20621	0.30%	0.060%
21	4.511	4.487	4.536	VV	503	9584	0.14%	0.028%
22	4.551	4.536	4.578	VV	364	7222	0.11%	0.021%
23	4.588	4.578	4.599	VV	307	3363	0.05%	0.010%
24	4.617	4.599	4.628	VV	343	4273	0.06%	0.012%
25	4.638	4.628	4.654	VV	199	2490	0.04%	0.007%
26	4.681	4.654	4.708	VV	746	10035	0.15%	0.029%
27	4.732	4.708	4.775	VV	628	11353	0.17%	0.033%
28	4.795	4.775	4.868	VV	813	15682	0.23%	0.045%
29	4.880	4.868	4.928	VV	289	7730	0.11%	0.022%
30	4.938	4.928	4.977	VV	282	6932	0.10%	0.020%
31	5.011	4.977	5.053	VV	521	13521	0.20%	0.039%
32	5.076	5.053	5.085	VV	443	5926	0.09%	0.017%
33	5.099	5.085	5.155	VV	797	20548	0.30%	0.059%
34	5.169	5.155	5.198	VV	518	8415	0.12%	0.024%
35	5.213	5.198	5.227	VV	254	3797	0.06%	0.011%
36	5.235	5.227	5.260	VV	261	3851	0.06%	0.011%

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37	5.282	5.260	5.321	VV	686	9659	0.14%	0.028%
38	5.333	5.321	5.370	PV	116	2195	0.03%	0.006%
39	5.407	5.370	5.437	VV	205	3833	0.06%	0.011%
40	5.459	5.437	5.548	VV	319	7959	0.12%	0.023%
41	5.561	5.548	5.574	PV	93	652	0.01%	0.002%
42	5.636	5.574	5.678	VV	221	6043	0.09%	0.017%
43	5.710	5.678	5.731	VV	510	7176	0.10%	0.021%
44	5.757	5.731	5.817	VV	601	10301	0.15%	0.030%
45	5.844	5.817	5.868	VV	177	2363	0.03%	0.007%
46	5.893	5.868	6.003	VV	460	11432	0.17%	0.033%
47	6.015	6.003	6.107	VV	113	5118	0.07%	0.015%
48	6.117	6.107	6.155	VV	123	2379	0.03%	0.007%
49	6.223	6.155	6.324	PV	1406	39057	0.57%	0.113%
50	6.336	6.324	6.358	VV	307	5070	0.07%	0.015%
51	6.371	6.358	6.381	VV	334	4089	0.06%	0.012%
52	6.398	6.381	6.424	VV	439	7993	0.12%	0.023%
53	6.474	6.424	6.498	VV	394	14667	0.21%	0.042%
54	6.526	6.498	6.568	VV	342	11018	0.16%	0.032%
55	6.573	6.568	6.604	VV	216	3212	0.05%	0.009%
56	6.628	6.604	6.718	VV	350	14259	0.21%	0.041%
57	6.724	6.718	6.771	VV	113	2971	0.04%	0.009%
58	6.788	6.771	6.799	VV	161	1765	0.03%	0.005%
59	6.871	6.799	6.894	VV	358	5326	0.08%	0.015%
60	6.897	6.894	6.925	VV	141	1314	0.02%	0.004%
61	6.957	6.925	6.978	VV	232	3214	0.05%	0.009%
62	7.005	6.978	7.028	VV	134	1952	0.03%	0.006%
63	7.074	7.028	7.098	PV	724	10129	0.15%	0.029%
64	7.132	7.098	7.144	VV	546	10129	0.15%	0.029%
65	7.163	7.144	7.191	VV	651	12713	0.19%	0.037%
66	7.223	7.191	7.278	VV	1551	35000	0.51%	0.101%
67	7.316	7.278	7.329	VV	454	10309	0.15%	0.030%
68	7.353	7.329	7.380	VV	557	11668	0.17%	0.034%
69	7.414	7.380	7.442	VV	1160	19866	0.29%	0.057%
70	7.450	7.442	7.478	VV	293	4896	0.07%	0.014%
71	7.500	7.478	7.513	VV	232	3960	0.06%	0.011%
72	7.530	7.513	7.553	VV	225	4370	0.06%	0.013%
73	7.577	7.553	7.591	VV	231	4364	0.06%	0.013%
74	7.640	7.591	7.684	VV	1474	25121	0.37%	0.073%
75	7.692	7.684	7.711	VV	246	2255	0.03%	0.007%
76	7.723	7.711	7.738	VV	126	1086	0.02%	0.003%
77	7.755	7.738	7.786	VV	82	1533	0.02%	0.004%
78	7.801	7.786	7.850	VV	125	1798	0.03%	0.005%
79	8.200	8.194	8.220	VV	593	8610	0.13%	0.025%
80	8.230	8.220	8.287	VV	624	19844	0.29%	0.057%
81	8.327	8.287	8.364	VV	568	21039	0.31%	0.061%
82	8.395	8.364	8.414	VV	1121	21336	0.31%	0.062%
83	8.434	8.414	8.450	VV	1176	18874	0.28%	0.055%
84	8.473	8.450	8.496	VV	4266	59933	0.88%	0.173%
85	8.506	8.496	8.588	VV	1133	34363	0.50%	0.099%
86	8.613	8.588	8.647	VV	1239	28306	0.41%	0.082%
87	8.661	8.647	8.728	VV	820	24819	0.36%	0.072%
88	8.742	8.728	8.771	VV	530	11142	0.16%	0.032%
89	9.048	9.032	9.181	VV	1319	78546	1.15%	0.227%

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90	9.191	9.181	9.213	VV	722	11910	0.17%	0.034%
91	9.250	9.213	9.301	VV	1093	38655	0.57%	0.112%
92	9.338	9.301	9.454	VV	1078	49587	0.73%	0.144%
93	9.485	9.454	9.497	VV	402	9044	0.13%	0.026%
94	9.524	9.497	9.558	VV	705	17414	0.25%	0.050%
95	9.563	9.558	9.588	VV	341	5471	0.08%	0.016%
96	9.619	9.588	9.648	VV	363	9998	0.15%	0.029%
97	9.670	9.648	9.690	VV	680	13624	0.20%	0.039%
98	9.711	9.690	9.758	VV	781	22359	0.33%	0.065%
99	9.782	9.758	9.828	VV	429	15166	0.22%	0.044%
100	9.853	9.828	9.881	VV	448	11433	0.17%	0.033%
101	9.888	9.881	9.924	VV	360	7975	0.12%	0.023%
102	9.950	9.924	9.970	VV	475	9921	0.15%	0.029%
103	9.986	9.970	10.008	VV	461	8329	0.12%	0.024%
104	10.038	10.008	10.096	VV	660	23683	0.35%	0.069%
105	10.120	10.096	10.182	VV	1008	25878	0.38%	0.075%
106	10.190	10.182	10.208	VV	327	4345	0.06%	0.013%
107	10.221	10.208	10.271	VV	311	6918	0.10%	0.020%
108	10.288	10.271	10.331	VV	197	4431	0.06%	0.013%
109	10.345	10.331	10.361	VV	77	961	0.01%	0.003%
110	10.372	10.361	10.378	PV	136	480	0.01%	0.001%
111	10.454	10.378	10.482	VV	300	8756	0.13%	0.025%
112	10.507	10.482	10.524	VV	420	7394	0.11%	0.021%
113	10.558	10.524	10.615	VV	450	17735	0.26%	0.051%
114	10.633	10.615	10.681	VV	299	8505	0.12%	0.025%
115	10.705	10.681	10.729	VV	357	7719	0.11%	0.022%
116	10.783	10.729	10.800	VV	719	17561	0.26%	0.051%
117	10.816	10.800	10.827	VV	677	9669	0.14%	0.028%
118	10.858	10.827	10.897	VV	1070	29328	0.43%	0.085%
119	10.926	10.897	10.944	VV	762	16627	0.24%	0.048%
120	10.957	10.944	10.994	VV	627	13066	0.19%	0.038%
121	10.997	10.994	11.026	VV	355	4433	0.06%	0.013%
122	11.079	11.026	11.090	VV	508	12042	0.18%	0.035%
123	11.112	11.090	11.168	VV	3530	73759	1.08%	0.213%
124	11.192	11.168	11.224	VV	1705	33508	0.49%	0.097%
125	11.239	11.224	11.358	VV	585	22944	0.34%	0.066%
126	11.417	11.358	11.461	VV	432	13640	0.20%	0.039%
127	11.494	11.461	11.524	VV	2142	32729	0.48%	0.095%
128	11.567	11.524	11.611	VV	1663	40001	0.59%	0.116%
129	11.642	11.611	11.691	VV	1188	29808	0.44%	0.086%
130	11.716	11.691	11.736	PV	420	6241	0.09%	0.018%
131	11.754	11.736	11.780	VV	430	5601	0.08%	0.016%
132	11.817	11.780	11.840	VV	716	14723	0.22%	0.043%
133	11.879	11.840	11.933	VV	595623	6836064	100.00%	19.783%
134	11.946	11.933	11.997	VV	1850	46407	0.68%	0.134%
135	12.024	11.997	12.051	VV	1762	39130	0.57%	0.113%
136	12.060	12.051	12.075	VV	1156	13140	0.19%	0.038%
137	12.092	12.075	12.144	VV	1259	21525	0.31%	0.062%
138	12.171	12.144	12.195	PV	380	7065	0.10%	0.020%
139	12.237	12.195	12.262	VV	906	19347	0.28%	0.056%
140	12.285	12.262	12.305	VV	1802	26740	0.39%	0.077%
141	12.327	12.305	12.364	VV	1736	35334	0.52%	0.102%

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142	12.387	12.364	12.450	VV	3797	64763	0.95%	0.187%
143	12.479	12.450	12.578	VV	32561	410431	6.00%	1.188%
144	12.600	12.578	12.621	VV	438	9360	0.14%	0.027%
145	12.690	12.621	12.714	VV	555	20864	0.31%	0.060%
146	12.722	12.714	12.746	VV	418	5590	0.08%	0.016%
147	12.771	12.746	12.791	VV	1014	16140	0.24%	0.047%
148	12.813	12.791	12.838	VV	1683	25473	0.37%	0.074%
149	12.874	12.838	12.899	VV	1733	29583	0.43%	0.086%
150	12.928	12.899	12.978	VV	19915	270333	3.95%	0.782%
151	12.987	12.978	13.048	VV	501	9415	0.14%	0.027%
152	13.068	13.048	13.079	PV	305	3887	0.06%	0.011%
153	13.115	13.079	13.133	VV	793	15917	0.23%	0.046%
154	13.149	13.133	13.185	VV	548	12007	0.18%	0.035%
155	13.226	13.185	13.263	VV	15563	203830	2.98%	0.590%
156	13.321	13.263	13.388	VV	420705	5267638	77.06%	15.244%
157	13.407	13.388	13.461	VV	1556	39704	0.58%	0.115%
158	13.500	13.461	13.532	VV	1823	41895	0.61%	0.121%
159	13.553	13.532	13.600	VV	1115	27826	0.41%	0.081%
160	13.626	13.600	13.661	VV	426	9371	0.14%	0.027%
161	13.712	13.661	13.771	VV	3638	74526	1.09%	0.216%
162	13.821	13.771	13.857	PV	1968	40700	0.60%	0.118%
163	13.885	13.857	13.904	VV	398	6549	0.10%	0.019%
164	13.931	13.904	13.949	VV	1096	17122	0.25%	0.050%
165	13.967	13.949	13.988	VV	1368	20636	0.30%	0.060%
166	14.022	13.988	14.043	VV	1290	26118	0.38%	0.076%
167	14.074	14.043	14.119	VV	2035	57236	0.84%	0.166%
168	14.137	14.119	14.204	VV	932	25348	0.37%	0.073%
169	14.222	14.204	14.239	VV	316	4535	0.07%	0.013%
170	14.264	14.239	14.278	VV	288	4840	0.07%	0.014%
171	14.297	14.278	14.306	VV	326	4318	0.06%	0.012%
172	14.320	14.306	14.338	VV	295	4455	0.07%	0.013%
173	14.354	14.338	14.377	VV	246	3612	0.05%	0.010%
174	14.509	14.377	14.540	VV	1943	60909	0.89%	0.176%
175	14.566	14.540	14.611	VV	2210	54098	0.79%	0.157%
176	14.637	14.611	14.656	VV	1799	32418	0.47%	0.094%
177	14.667	14.656	14.678	VV	1116	13356	0.20%	0.039%
178	14.695	14.678	14.711	VV	1297	20536	0.30%	0.059%
179	14.736	14.711	14.770	VV	2143	45753	0.67%	0.132%
180	14.796	14.770	14.833	VV	2975	56300	0.82%	0.163%
181	14.870	14.833	14.936	VV	1791	57304	0.84%	0.166%
182	14.953	14.936	14.964	VV	461	7277	0.11%	0.021%
183	15.007	14.964	15.042	VV	659	22261	0.33%	0.064%
184	15.065	15.042	15.081	VV	554	10237	0.15%	0.030%
185	15.113	15.081	15.130	VV	5401	89465	1.31%	0.259%
186	15.150	15.130	15.199	VV	8305	178167	2.61%	0.516%
187	15.222	15.199	15.251	VV	3161	58344	0.85%	0.169%
188	15.270	15.251	15.328	VV	1351	37752	0.55%	0.109%
189	15.336	15.328	15.361	VV	457	6736	0.10%	0.019%
190	15.368	15.361	15.393	VV	306	3260	0.05%	0.009%
191	15.427	15.393	15.441	PV	659	10605	0.16%	0.031%
192	15.458	15.441	15.491	VV	579	12867	0.19%	0.037%
193	15.514	15.491	15.524	VV	213	3536	0.05%	0.010%
194	15.571	15.524	15.676	VV	10862	376121	5.50%	1.088%

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195	15.703	15.676	15.733	VV	2983	65307	0.96%	0.189%
196	15.763	15.733	15.814	VV	9129	175176	2.56%	0.507%
197	15.821	15.814	15.856	VV	1029	16342	0.24%	0.047%
198	15.872	15.856	15.903	VV	283	6241	0.09%	0.018%
199	15.948	15.903	15.990	VV	772	22733	0.33%	0.066%
200	16.018	15.990	16.056	VV	460	8175	0.12%	0.024%
201	16.110	16.056	16.141	PV	589	13180	0.19%	0.038%
202	16.163	16.141	16.175	VV	773	10292	0.15%	0.030%
203	16.200	16.175	16.232	VV	2598	37836	0.55%	0.109%
204	16.263	16.232	16.284	VV	1279	17286	0.25%	0.050%
205	16.333	16.284	16.358	VV	338	9105	0.13%	0.026%
206	16.422	16.358	16.444	VV	777	25287	0.37%	0.073%
207	16.494	16.444	16.509	VV	1667	38415	0.56%	0.111%
208	16.530	16.509	16.547	VV	1856	32223	0.47%	0.093%
209	16.559	16.547	16.564	VV	1206	11468	0.17%	0.033%
210	16.619	16.564	16.632	VV	4433	130929	1.92%	0.379%
211	16.674	16.632	16.726	VV	10783	358937	5.25%	1.039%
212	16.763	16.726	16.832	VV	56234	914285	13.37%	2.646%
213	16.852	16.832	16.863	VV	3716	58751	0.86%	0.170%
214	16.880	16.863	16.943	VV	4308	133556	1.95%	0.387%
215	16.993	16.943	17.021	VV	6504	170449	2.49%	0.493%
216	17.053	17.021	17.095	VV	5851	158851	2.32%	0.460%
217	17.115	17.095	17.129	VV	3130	52155	0.76%	0.151%
218	17.152	17.129	17.176	VV	5659	101648	1.49%	0.294%
219	17.197	17.176	17.211	VV	4863	70718	1.03%	0.205%
220	17.228	17.211	17.257	VV	5578	88056	1.29%	0.255%
221	17.279	17.257	17.307	VV	948	24278	0.36%	0.070%
222	17.327	17.307	17.364	VV	756	17159	0.25%	0.050%
223	17.407	17.364	17.436	VV	897	24415	0.36%	0.071%
224	17.480	17.436	17.502	VV	1385	30232	0.44%	0.087%
225	17.548	17.502	17.578	VV	3079	92188	1.35%	0.267%
226	17.600	17.578	17.646	VV	5552	100406	1.47%	0.291%
227	17.682	17.646	17.737	VV	1506	42749	0.63%	0.124%
228	17.763	17.737	17.784	VV	547	8597	0.13%	0.025%
229	17.816	17.784	17.841	PV	367	6923	0.10%	0.020%
230	17.895	17.841	17.904	PV	207	5561	0.08%	0.016%
231	17.961	17.904	17.974	PV	716	16461	0.24%	0.048%
232	18.002	17.974	18.018	VV	2169	43761	0.64%	0.127%
233	18.040	18.018	18.078	VV	3821	77623	1.14%	0.225%
234	18.129	18.078	18.171	VV	7496	160999	2.36%	0.466%
235	18.174	18.171	18.191	VV	1313	12605	0.18%	0.036%
236	18.212	18.191	18.231	VV	1242	24027	0.35%	0.070%
237	18.260	18.231	18.291	VV	1611	33072	0.48%	0.096%
238	18.354	18.291	18.382	PV	4167	78312	1.15%	0.227%
239	18.429	18.382	18.445	VV	9035	196591	2.88%	0.569%
240	18.462	18.445	18.504	VV	9073	195645	2.86%	0.566%
241	18.515	18.504	18.528	VV	2011	26054	0.38%	0.075%
242	18.561	18.528	18.588	VV	2672	73050	1.07%	0.211%
243	18.595	18.588	18.641	VV	1709	44451	0.65%	0.129%
244	18.681	18.641	18.731	VV	4658	120302	1.76%	0.348%
245	18.749	18.731	18.758	VV	1243	19169	0.28%	0.055%
246	18.870	18.758	18.924	VV	4887	215099	3.15%	0.622%

					rteres			
247	18.973	18.924	19.008	VV	7578	189389	2.77%	0.548%
248	19.017	19.008	19.046	VV	3126	64335	0.94%	0.186%
249	19.060	19.046	19.082	VV	2265	44019	0.64%	0.127%
250	19.141	19.082	19.161	VV	2682	102383	1.50%	0.296%
251	19.271	19.161	19.318	VV	8214	417670	6.11%	1.209%
252	19.337	19.318	19.358	VV	3507	75360	1.10%	0.218%
253	19.400	19.358	19.426	VV	4379	145729	2.13%	0.422%
254	19.470	19.426	19.493	VV	4316	139653	2.04%	0.404%
255	19.514	19.493	19.538	VV	2944	73122	1.07%	0.212%
256	19.558	19.538	19.574	VV	2513	52565	0.77%	0.152%
257	19.592	19.574	19.626	VV	2127	61721	0.90%	0.179%
258	19.662	19.626	19.680	VV	3312	79873	1.17%	0.231%
259	19.710	19.680	19.734	VV	7498	147776	2.16%	0.428%
260	19.766	19.734	19.791	VV	7071	167903	2.46%	0.486%
261	19.848	19.791	19.880	VV	6451	290424	4.25%	0.840%
262	19.924	19.880	19.968	VV	6808	320335	4.69%	0.927%
263	20.004	19.968	20.107	VV	7527	505176	7.39%	1.462%
264	20.152	20.107	20.168	VV	6166	200170	2.93%	0.579%
265	20.225	20.168	20.235	VV	9592	311239	4.55%	0.901%
266	20.257	20.235	20.366	VV	9709	647689	9.47%	1.874%
267	20.446	20.366	20.460	VV	9626	449815	6.58%	1.302%
268	20.506	20.460	20.528	VV	10539	406590	5.95%	1.177%
269	20.553	20.528	20.578	VV	11571	316303	4.63%	0.915%
270	20.592	20.578	20.600	VV	9755	128470	1.88%	0.372%
271	20.609	20.600	20.675	VV	9868	404312	5.91%	1.170%
272	20.824	20.675	20.901	VV	13473	1407419	20.59%	4.073%
273	20.939	20.901	20.951	VV	8760	255384	3.74%	0.739%
274	20.994	20.951	21.010	VV	9641	324388	4.75%	0.939%
275	21.026	21.010	21.035	VV	9587	143180	2.09%	0.414%
276	21.044	21.035	21.066	VV	9418	167554	2.45%	0.485%
277	21.122	21.066	21.204	VV	10298	754376	11.04%	2.183%
278	21.221	21.204	21.237	VV	6863	130492	1.91%	0.378%
279	21.334	21.237	21.379	VV	9537	701900	10.27%	2.031%
280	21.391	21.379	21.404	VV	8422	126608	1.85%	0.366%
281	21.408	21.404	21.414	VV	8140	48871	0.71%	0.141%
282	21.424	21.414	21.493	VV	8229	336734	4.93%	0.974%
283	21.564	21.493	21.608	VV	7064	423244	6.19%	1.225%
284	21.616	21.608	21.638	VV	5494	94570	1.38%	0.274%
285	21.718	21.638	21.828	VV	6716	610696	8.93%	1.767%
286	21.834	21.828	21.871	VV	3241	70626	1.03%	0.204%
287	21.948	21.871	22.013	VV	5384	345682	5.06%	1.000%
288	22.035	22.013	22.051	VV	3356	71734	1.05%	0.208%
289	22.057	22.051	22.066	VV	3124	25981	0.38%	0.075%
290	22.085	22.066	22.100	VV	3281	62144	0.91%	0.180%
291	22.111	22.100	22.208	VV	3367	150701	2.20%	0.436%
292	22.238	22.208	22.248	VV	2013	42251	0.62%	0.122%
293	22.273	22.248	22.311	VV	2224	58244	0.85%	0.169%
294	22.321	22.311	22.338	VV	567	6701	0.10%	0.019%
295	22.349	22.338	22.355	VV	228	1273	0.02%	0.004%

Sum of corrected areas: 34554940