

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040225AL\
Data File : FE053149.D
Signal(s) : FID1B.ch
Acq On : 02 Apr 2025 23:19
Sample : Q1693-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.848	2.804	2.898	BV	201	3566	0.04%	0.010%
2	2.948	2.898	2.989	PV	187	5374	0.07%	0.016%
3	3.053	2.989	3.078	PV	1489	20350	0.25%	0.059%
4	3.093	3.078	3.173	VV	459	18258	0.22%	0.053%
5	3.185	3.173	3.192	VV	218	1995	0.02%	0.006%
6	3.218	3.192	3.307	VV	692	20528	0.25%	0.060%
7	3.348	3.307	3.368	VV	403	9471	0.12%	0.028%
8	3.381	3.368	3.396	VV	386	6347	0.08%	0.019%
9	3.420	3.396	3.497	VV	12368	140199	1.72%	0.409%
10	3.519	3.497	3.565	VV	489	15727	0.19%	0.046%
11	3.587	3.565	3.596	VV	682	9627	0.12%	0.028%
12	3.613	3.596	3.661	VV	2064	54799	0.67%	0.160%
13	3.673	3.661	3.692	VV	1078	17842	0.22%	0.052%
14	3.714	3.692	3.800	VV	7048	99360	1.22%	0.290%
15	3.831	3.800	3.889	VV	5353	73990	0.91%	0.216%
16	3.914	3.889	4.018	VV	25512	288541	3.54%	0.842%
17	4.052	4.018	4.114	VV	762	30418	0.37%	0.089%
18	4.120	4.114	4.192	VV	438	16962	0.21%	0.049%
19	4.228	4.192	4.248	VV	1953	31222	0.38%	0.091%
20	4.263	4.248	4.345	VV	1659	37057	0.45%	0.108%
21	4.362	4.345	4.408	VV	817	16861	0.21%	0.049%
22	4.426	4.408	4.477	VV	376	12206	0.15%	0.036%
23	4.499	4.477	4.562	VV	578	18894	0.23%	0.055%
24	4.575	4.562	4.592	VV	303	5045	0.06%	0.015%
25	4.618	4.592	4.646	VV	418	10121	0.12%	0.030%
26	4.669	4.646	4.753	VV	621	17384	0.21%	0.051%
27	4.761	4.753	4.774	VV	217	2150	0.03%	0.006%
28	4.783	4.774	4.817	VV	210	4762	0.06%	0.014%
29	4.827	4.817	4.867	VV	206	5052	0.06%	0.015%
30	4.880	4.867	4.912	VV	256	5400	0.07%	0.016%
31	4.938	4.912	5.014	VV	269	10860	0.13%	0.032%
32	5.025	5.014	5.093	VV	200	6429	0.08%	0.019%
33	5.108	5.093	5.135	VV	160	3216	0.04%	0.009%
34	5.160	5.135	5.271	VV	256	10562	0.13%	0.031%
35	5.294	5.271	5.386	PV	148	5000	0.06%	0.015%
36	5.403	5.386	5.426	VV	254	4251	0.05%	0.012%

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37	5.448	5.426	5.555	VV	921	21404	0.26%	0.062%
38	5.580	5.555	5.604	VV	114	1365	0.02%	0.004%
39	5.642	5.604	5.674	VV	184	3762	0.05%	0.011%
40	5.695	5.674	5.743	PV	508	12798	0.16%	0.037%
41	5.783	5.743	5.818	VV	306	8873	0.11%	0.026%
42	5.835	5.818	5.874	VV	198	3691	0.05%	0.011%
43	5.901	5.874	5.928	VV	151	3349	0.04%	0.010%
44	5.931	5.928	5.959	VV	148	1685	0.02%	0.005%
45	5.973	5.959	5.997	VV	140	1785	0.02%	0.005%
46	6.012	5.997	6.063	VV	143	3415	0.04%	0.010%
47	6.086	6.063	6.110	VV	147	2009	0.02%	0.006%
48	6.217	6.110	6.265	VV	978	23946	0.29%	0.070%
49	6.285	6.265	6.314	VV	239	5922	0.07%	0.017%
50	6.322	6.314	6.370	VV	246	7251	0.09%	0.021%
51	6.390	6.370	6.428	VV	587	9856	0.12%	0.029%
52	6.441	6.428	6.501	VV	220	7290	0.09%	0.021%
53	6.519	6.501	6.603	VV	656	18224	0.22%	0.053%
54	6.614	6.603	6.628	VV	157	2419	0.03%	0.007%
55	6.634	6.628	6.664	VV	194	3592	0.04%	0.010%
56	6.677	6.664	6.716	VV	275	4960	0.06%	0.014%
57	6.769	6.716	6.845	VV	580	18580	0.23%	0.054%
58	6.875	6.845	6.891	VV	165	2596	0.03%	0.008%
59	6.906	6.891	6.939	VV	121	2172	0.03%	0.006%
60	6.966	6.939	7.001	VV	260	4440	0.05%	0.013%
61	7.014	7.001	7.044	VV	143	1787	0.02%	0.005%
62	7.056	7.044	7.101	VV	129	2317	0.03%	0.007%
63	7.122	7.101	7.151	PV	120	2316	0.03%	0.007%
64	7.181	7.151	7.190	VV	228	3205	0.04%	0.009%
65	7.201	7.190	7.210	VV	184	2080	0.03%	0.006%
66	7.224	7.210	7.280	VV	295	8355	0.10%	0.024%
67	7.319	7.280	7.335	VV	271	7063	0.09%	0.021%
68	7.355	7.335	7.473	VV	648	19818	0.24%	0.058%
69	7.498	7.473	7.524	VV	254	5950	0.07%	0.017%
70	7.531	7.524	7.547	VV	191	2265	0.03%	0.007%
71	7.600	7.547	7.610	VV	209	6563	0.08%	0.019%
72	7.629	7.610	7.681	VV	339	8642	0.11%	0.025%
73	7.701	7.681	7.726	VV	169	2623	0.03%	0.008%
74	7.774	7.726	7.850	VV	174	4545	0.06%	0.013%
75	8.044	8.031	8.071	VV	1337	29097	0.36%	0.085%
76	8.084	8.071	8.114	VV	1715	27729	0.34%	0.081%
77	8.127	8.114	8.238	VV	692	28398	0.35%	0.083%
78	8.244	8.238	8.263	VV	282	3741	0.05%	0.011%
79	8.279	8.263	8.304	VV	223	5127	0.06%	0.015%
80	8.358	8.304	8.371	VV	254	8245	0.10%	0.024%
81	8.408	8.371	8.442	VV	653	16366	0.20%	0.048%
82	8.452	8.442	8.458	VV	319	2792	0.03%	0.008%
83	8.480	8.458	8.492	VV	783	11227	0.14%	0.033%
84	8.511	8.492	8.596	VV	826	26053	0.32%	0.076%
85	8.649	8.596	8.657	VV	407	9614	0.12%	0.028%
86	8.664	8.657	8.683	VV	401	4144	0.05%	0.012%
87	8.702	8.683	8.729	VV	257	4713	0.06%	0.014%
88	8.743	8.729	8.777	VV	220	3836	0.05%	0.011%
89	8.995	8.974	9.043	VV	1030	30084	0.37%	0.088%

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90	9.053	9.043	9.104	VV	646	15903	0.20%	0.046%
91	9.128	9.104	9.226	VV	417	22807	0.28%	0.067%
92	9.257	9.226	9.308	VV	658	19362	0.24%	0.056%
93	9.345	9.308	9.472	VV	1098	34975	0.43%	0.102%
94	9.501	9.472	9.511	VV	166	2618	0.03%	0.008%
95	9.529	9.511	9.580	VV	285	5979	0.07%	0.017%
96	9.599	9.580	9.617	VV	107	1678	0.02%	0.005%
97	9.672	9.617	9.680	VV	177	4682	0.06%	0.014%
98	9.725	9.680	9.768	VV	564	16528	0.20%	0.048%
99	9.777	9.768	9.792	VV	308	3828	0.05%	0.011%
100	9.805	9.792	9.861	VV	318	9001	0.11%	0.026%
101	9.877	9.861	9.899	VV	1007	12568	0.15%	0.037%
102	9.906	9.899	9.931	VV	219	3348	0.04%	0.010%
103	9.992	9.931	10.102	VV	71529	911376	11.19%	2.659%
104	10.127	10.102	10.148	VV	1612	26984	0.33%	0.079%
105	10.163	10.148	10.212	VV	804	19265	0.24%	0.056%
106	10.231	10.212	10.255	VV	462	7199	0.09%	0.021%
107	10.275	10.255	10.359	VV	224	8748	0.11%	0.026%
108	10.369	10.359	10.374	PV	76	437	0.01%	0.001%
109	10.396	10.374	10.417	VV	200	2828	0.03%	0.008%
110	10.465	10.417	10.501	VV	9836	128562	1.58%	0.375%
111	10.513	10.501	10.534	VV	700	12047	0.15%	0.035%
112	10.558	10.534	10.582	VV	550	13425	0.16%	0.039%
113	10.604	10.582	10.640	VV	459	11673	0.14%	0.034%
114	10.671	10.640	10.697	VV	324	8395	0.10%	0.024%
115	10.751	10.697	10.778	VV	383	12811	0.16%	0.037%
116	10.794	10.778	10.808	VV	550	8284	0.10%	0.024%
117	10.824	10.808	10.838	VV	667	9657	0.12%	0.028%
118	10.869	10.838	10.912	VV	1309	29049	0.36%	0.085%
119	10.939	10.912	10.951	VV	411	7888	0.10%	0.023%
120	10.965	10.951	10.993	VV	330	7529	0.09%	0.022%
121	11.003	10.993	11.040	VV	315	6114	0.08%	0.018%
122	11.090	11.040	11.111	VV	473	11178	0.14%	0.033%
123	11.127	11.111	11.168	VV	310	7777	0.10%	0.023%
124	11.206	11.168	11.226	VV	413	9478	0.12%	0.028%
125	11.267	11.226	11.298	VV	464	13151	0.16%	0.038%
126	11.319	11.298	11.382	VV	355	12687	0.16%	0.037%
127	11.400	11.382	11.410	VV	275	3371	0.04%	0.010%
128	11.436	11.410	11.466	VV	270	7437	0.09%	0.022%
129	11.506	11.466	11.531	VV	1550	25439	0.31%	0.074%
130	11.575	11.531	11.628	VV	1695	37719	0.46%	0.110%
131	11.653	11.628	11.701	VV	874	19764	0.24%	0.058%
132	11.736	11.701	11.750	PV	468	7386	0.09%	0.022%
133	11.767	11.750	11.789	VV	639	8965	0.11%	0.026%
134	11.841	11.789	11.853	VV	487	13626	0.17%	0.040%
135	11.893	11.853	11.976	VV	730540	8145495	100.00%	23.764%
136	12.005	11.976	12.146	VV	2760	107122	1.32%	0.313%
137	12.181	12.146	12.207	VV	596	11573	0.14%	0.034%
138	12.246	12.207	12.286	VV	1214	25269	0.31%	0.074%
139	12.301	12.286	12.315	VV	287	3686	0.05%	0.011%
140	12.335	12.315	12.368	VV	680	10022	0.12%	0.029%
141	12.375	12.368	12.390	VV	189	2051	0.03%	0.006%

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142	12.405	12.390	12.423	VV	185	2633	0.03%	0.008%
143	12.454	12.423	12.469	PV	275	4724	0.06%	0.014%
144	12.505	12.469	12.556	VV	6883	163606	2.01%	0.477%
145	12.568	12.556	12.588	VV	2260	39353	0.48%	0.115%
146	12.600	12.588	12.653	VV	2114	63453	0.78%	0.185%
147	12.669	12.653	12.680	VV	1068	16630	0.20%	0.049%
148	12.701	12.680	12.744	VV	1376	38257	0.47%	0.112%
149	12.763	12.744	12.784	VV	703	14447	0.18%	0.042%
150	12.816	12.784	12.856	VV	1215	34029	0.42%	0.099%
151	12.887	12.856	12.924	VV	1697	34909	0.43%	0.102%
152	12.955	12.924	12.994	VV	6817	118963	1.46%	0.347%
153	13.006	12.994	13.070	VV	465	13609	0.17%	0.040%
154	13.093	13.070	13.120	VV	548	9462	0.12%	0.028%
155	13.145	13.120	13.180	VV	604	11759	0.14%	0.034%
156	13.248	13.180	13.268	VV	694	17869	0.22%	0.052%
157	13.337	13.268	13.430	VV	512308	6225972	76.43%	18.164%
158	13.447	13.430	13.474	VV	1128	20299	0.25%	0.059%
159	13.503	13.474	13.598	VV	1596	58147	0.71%	0.170%
160	13.606	13.598	13.627	VV	492	8503	0.10%	0.025%
161	13.636	13.627	13.647	VV	533	5484	0.07%	0.016%
162	13.678	13.647	13.691	VV	609	12665	0.16%	0.037%
163	13.711	13.691	13.724	VV	675	12410	0.15%	0.036%
164	13.740	13.724	13.751	VV	777	11662	0.14%	0.034%
165	13.768	13.751	13.804	VV	915	22822	0.28%	0.067%
166	13.858	13.804	13.868	VV	661	22142	0.27%	0.065%
167	13.942	13.868	13.978	VV	948	45079	0.55%	0.132%
168	14.041	13.978	14.064	VV	2140	51701	0.63%	0.151%
169	14.089	14.064	14.164	VV	2265	62903	0.77%	0.184%
170	14.208	14.164	14.229	VV	1595	35424	0.43%	0.103%
171	14.246	14.229	14.270	VV	1025	18455	0.23%	0.054%
172	14.302	14.270	14.321	VV	704	19334	0.24%	0.056%
173	14.327	14.321	14.341	VV	678	7169	0.09%	0.021%
174	14.363	14.341	14.374	VV	598	11024	0.14%	0.032%
175	14.447	14.374	14.474	VV	693	32089	0.39%	0.094%
176	14.526	14.474	14.561	VV	1919	55658	0.68%	0.162%
177	14.602	14.561	14.624	VV	891	26721	0.33%	0.078%
178	14.654	14.624	14.678	VV	1966	33762	0.41%	0.098%
179	14.712	14.678	14.737	VV	950	27024	0.33%	0.079%
180	14.749	14.737	14.794	VV	591	17028	0.21%	0.050%
181	14.811	14.794	14.864	VV	474	13818	0.17%	0.040%
182	14.900	14.864	15.011	VV	558	30265	0.37%	0.088%
183	15.031	15.011	15.053	VV	341	6526	0.08%	0.019%
184	15.080	15.053	15.115	VV	474	11734	0.14%	0.034%
185	15.155	15.115	15.175	VV	1351	28949	0.36%	0.084%
186	15.194	15.175	15.217	VV	1772	28571	0.35%	0.083%
187	15.240	15.217	15.294	VV	2430	38130	0.47%	0.111%
188	15.322	15.294	15.339	VV	178	4203	0.05%	0.012%
189	15.344	15.339	15.364	VV	167	1340	0.02%	0.004%
190	15.388	15.364	15.418	PV	300	4220	0.05%	0.012%
191	15.461	15.418	15.471	VV	74	1994	0.02%	0.006%
192	15.517	15.471	15.536	VV	202	2847	0.03%	0.008%
193	15.594	15.536	15.694	PV	11814	356738	4.38%	1.041%
194	15.717	15.694	15.754	VV	2563	49603	0.61%	0.145%

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195	15.784	15.754	15.827	VV	4566	72704	0.89%	0.212%
196	15.846	15.827	15.874	VV	452	7127	0.09%	0.021%
197	15.976	15.874	15.994	PV	152	4633	0.06%	0.014%
198	16.030	15.994	16.069	VV	198	5172	0.06%	0.015%
199	16.129	16.069	16.155	PV	569	15607	0.19%	0.046%
200	16.181	16.155	16.198	VV	558	11573	0.14%	0.034%
201	16.219	16.198	16.258	VV	1882	30554	0.38%	0.089%
202	16.282	16.258	16.318	VV	1050	17204	0.21%	0.050%
203	16.351	16.318	16.370	VV	318	4889	0.06%	0.014%
204	16.412	16.370	16.443	PV	343	8704	0.11%	0.025%
205	16.511	16.443	16.540	PV	386	9601	0.12%	0.028%
206	16.626	16.540	16.645	VV	1581	40078	0.49%	0.117%
207	16.666	16.645	16.681	VV	1421	26222	0.32%	0.076%
208	16.703	16.681	16.737	VV	2649	43004	0.53%	0.125%
209	16.777	16.737	16.811	VV	1647	31784	0.39%	0.093%
210	16.824	16.811	16.864	VV	380	8984	0.11%	0.026%
211	16.901	16.864	16.951	VV	416	11703	0.14%	0.034%
212	17.055	16.951	17.068	PV	388	9867	0.12%	0.029%
213	17.170	17.068	17.195	VV	4261	87505	1.07%	0.255%
214	17.217	17.195	17.237	VV	3113	48186	0.59%	0.141%
215	17.247	17.237	17.278	VV	1330	18700	0.23%	0.055%
216	17.359	17.278	17.378	VV	231	11065	0.14%	0.032%
217	17.410	17.378	17.434	VV	435	7228	0.09%	0.021%
218	17.504	17.434	17.524	PV	1165	20162	0.25%	0.059%
219	17.620	17.524	17.673	VV	4598	107596	1.32%	0.314%
220	17.704	17.673	17.761	VV	1299	31742	0.39%	0.093%
221	17.833	17.761	17.870	VV	500	19475	0.24%	0.057%
222	18.018	17.870	18.034	PV	1987	51167	0.63%	0.149%
223	18.059	18.034	18.088	VV	5746	86338	1.06%	0.252%
224	18.150	18.088	18.173	VV	3961	69409	0.85%	0.202%
225	18.202	18.173	18.261	VV	2325	76736	0.94%	0.224%
226	18.287	18.261	18.314	VV	1143	19454	0.24%	0.057%
227	18.379	18.314	18.408	PV	3821	58861	0.72%	0.172%
228	18.445	18.408	18.457	VV	4203	76689	0.94%	0.224%
229	18.482	18.457	18.521	VV	6928	147470	1.81%	0.430%
230	18.543	18.521	18.556	VV	1468	25117	0.31%	0.073%
231	18.576	18.556	18.635	VV	1583	42976	0.53%	0.125%
232	18.715	18.635	18.734	VV	724	22101	0.27%	0.064%
233	18.768	18.734	18.805	VV	450	14117	0.17%	0.041%
234	18.892	18.805	18.934	PV	6420	129075	1.58%	0.377%
235	18.994	18.934	19.019	VV	3194	64630	0.79%	0.189%
236	19.048	19.019	19.094	VV	1849	48243	0.59%	0.141%
237	19.167	19.094	19.224	VV	2840	64167	0.79%	0.187%
238	19.292	19.224	19.350	VV	7122	245664	3.02%	0.717%
239	19.421	19.350	19.465	VV	6691	198823	2.44%	0.580%
240	19.486	19.465	19.501	VV	1432	26630	0.33%	0.078%
241	19.545	19.501	19.559	VV	1447	41333	0.51%	0.121%
242	19.587	19.559	19.608	VV	1402	33864	0.42%	0.099%
243	19.678	19.608	19.716	VV	5239	135563	1.66%	0.395%
244	19.746	19.716	19.767	VV	3467	79468	0.98%	0.232%
245	19.791	19.767	19.818	VV	2933	80127	0.98%	0.234%
246	19.870	19.818	19.881	VV	2910	96343	1.18%	0.281%

					rteres			
247	19.967	19.881	19.988	VV	3455	187740	2.30%	0.548%
248	20.052	19.988	20.081	VV	7124	270541	3.32%	0.789%
249	20.097	20.081	20.111	VV	4253	74561	0.92%	0.218%
250	20.297	20.111	20.314	VV	6902	649232	7.97%	1.894%
251	20.421	20.314	20.448	VV	11052	623935	7.66%	1.820%
252	20.777	20.448	20.811	VV	15141	2366776	29.06%	6.905%
253	20.938	20.811	20.954	VV	13324	1143314	14.04%	3.335%
254	21.156	20.954	21.259	VV	14934	2361074	28.99%	6.888%
255	21.355	21.259	21.454	VV	11453	1285675	15.78%	3.751%
256	21.487	21.454	21.508	VV	9871	314334	3.86%	0.917%
257	21.582	21.508	21.640	VV	10163	749539	9.20%	2.187%
258	21.717	21.640	21.740	VV	8121	494237	6.07%	1.442%
259	21.829	21.740	21.864	VV	7898	577398	7.09%	1.684%
260	21.884	21.864	21.931	VV	7137	270460	3.32%	0.789%
261	21.945	21.931	22.028	VV	6009	315725	3.88%	0.921%
262	22.067	22.028	22.130	VV	5116	283661	3.48%	0.828%
263	22.148	22.130	22.158	VV	3916	64878	0.80%	0.189%
264	22.169	22.158	22.309	VV	3677	207534	2.55%	0.605%
265	22.318	22.309	22.330	VV	726	7140	0.09%	0.021%
266	22.347	22.330	22.362	VV	287	5354	0.07%	0.016%
Sum of corrected areas:							34277309	

Aliphatic EPH 032925.M Thu Apr 03 02:39:38 2025