

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092925AL\
 Data File : FE056056.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2025 20:27
 Sample : Q3179-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.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	2.841	2.804	2.878	BV	63326	1045333	9.02%	0.516%
2	2.891	2.878	2.936	VV	1781	22825	0.20%	0.011%
3	2.956	2.936	2.984	VV	1044	12552	0.11%	0.006%
4	2.997	2.984	3.014	VV	124	1274	0.01%	0.001%
5	3.054	3.014	3.084	PV	279	3266	0.03%	0.002%
6	3.111	3.084	3.165	PV	51427	515116	4.44%	0.254%
7	3.198	3.165	3.254	VV	349	8252	0.07%	0.004%
8	3.289	3.254	3.316	VV	248	4308	0.04%	0.002%
9	3.333	3.316	3.348	VV	82	941	0.01%	0.000%
10	3.352	3.348	3.379	VV	68	852	0.01%	0.000%
11	3.417	3.379	3.518	VV	576537	5793382	49.98%	2.860%
12	3.535	3.518	3.549	VV	428	5954	0.05%	0.003%
13	3.564	3.549	3.615	VV	481	10924	0.09%	0.005%
14	3.629	3.615	3.648	VV	382	4760	0.04%	0.002%
15	3.662	3.648	3.688	VV	366	5772	0.05%	0.003%
16	3.704	3.688	3.724	VV	222	3807	0.03%	0.002%
17	3.734	3.724	3.748	VV	407	4881	0.04%	0.002%
18	3.754	3.748	3.778	VV	455	4148	0.04%	0.002%
19	3.792	3.778	3.841	VV	475	9309	0.08%	0.005%
20	3.862	3.841	3.886	PV	207	3155	0.03%	0.002%
21	3.909	3.886	3.927	VV	139	1881	0.02%	0.001%
22	3.945	3.927	3.984	VV	109	1397	0.01%	0.001%
23	4.009	3.984	4.055	VV	330	5844	0.05%	0.003%
24	4.065	4.055	4.083	VV	124	1094	0.01%	0.001%
25	4.108	4.083	4.168	VV	296	6653	0.06%	0.003%
26	4.179	4.168	4.184	PV	90	558	0.00%	0.000%
27	4.214	4.184	4.230	VV	614	7325	0.06%	0.004%
28	4.247	4.230	4.275	VV	871	9966	0.09%	0.005%
29	4.285	4.275	4.304	VV	157	1498	0.01%	0.001%
30	4.323	4.304	4.348	VV	364	4547	0.04%	0.002%
31	4.355	4.348	4.364	VV	87	714	0.01%	0.000%
32	4.417	4.364	4.441	VV	753	18160	0.16%	0.009%
33	4.451	4.441	4.464	VV	190	2077	0.02%	0.001%
34	4.481	4.464	4.503	VV	256	4285	0.04%	0.002%
35	4.585	4.503	4.607	VV	733	16918	0.15%	0.008%
36	4.618	4.607	4.638	VV	341	4359	0.04%	0.002%

rteres.txt								
37	4.675	4.638	4.700	VV	725396	7156232	61.74%	3.533%
38	4.717	4.700	4.769	VV	53397	579840	5.00%	0.286%
39	4.788	4.769	4.816	VV	2640	37454	0.32%	0.018%
40	4.836	4.816	4.851	VV	2408	29272	0.25%	0.014%
41	4.864	4.851	4.909	VV	1593	31017	0.27%	0.015%
42	4.925	4.909	4.941	VV	1068	13714	0.12%	0.007%
43	4.959	4.941	4.977	VV	1942	22394	0.19%	0.011%
44	4.990	4.977	5.026	VV	737	15756	0.14%	0.008%
45	5.042	5.026	5.051	VV	586	7506	0.06%	0.004%
46	5.064	5.051	5.077	VV	667	8711	0.08%	0.004%
47	5.096	5.077	5.122	VV	796	15219	0.13%	0.008%
48	5.150	5.122	5.241	VV	485	23760	0.20%	0.012%
49	5.259	5.241	5.274	VV	297	4543	0.04%	0.002%
50	5.290	5.274	5.305	VV	537	7646	0.07%	0.004%
51	5.319	5.305	5.331	VV	653	7604	0.07%	0.004%
52	5.349	5.331	5.357	VV	618	8703	0.08%	0.004%
53	5.377	5.357	5.411	VV	4319	53949	0.47%	0.027%
54	5.438	5.411	5.461	VV	1491	19968	0.17%	0.010%
55	5.488	5.461	5.519	VV	907	17114	0.15%	0.008%
56	5.564	5.519	5.576	VV	651	12625	0.11%	0.006%
57	5.584	5.576	5.596	VV	507	5811	0.05%	0.003%
58	5.612	5.596	5.658	VV	536	13864	0.12%	0.007%
59	5.698	5.658	5.738	VV	794	25066	0.22%	0.012%
60	5.753	5.738	5.767	VV	666	9709	0.08%	0.005%
61	5.777	5.767	5.794	VV	586	7232	0.06%	0.004%
62	5.814	5.794	5.836	VV	3420	39929	0.34%	0.020%
63	5.857	5.836	5.878	VV	1734	21497	0.19%	0.011%
64	5.917	5.878	5.931	VV	599	11266	0.10%	0.006%
65	5.962	5.931	5.973	VV	634	11206	0.10%	0.006%
66	5.988	5.973	6.029	VV	681	17062	0.15%	0.008%
67	6.039	6.029	6.055	VV	247	3168	0.03%	0.002%
68	6.078	6.055	6.090	VV	308	4545	0.04%	0.002%
69	6.109	6.090	6.154	VV	466	11480	0.10%	0.006%
70	6.186	6.154	6.208	VV	282	5625	0.05%	0.003%
71	6.210	6.208	6.228	VV	237	1665	0.01%	0.001%
72	6.246	6.228	6.268	VV	136	2772	0.02%	0.001%
73	6.294	6.268	6.318	PV	470	5994	0.05%	0.003%
74	6.342	6.318	6.358	VV	313	5166	0.04%	0.003%
75	6.394	6.358	6.433	VV	29569	325304	2.81%	0.161%
76	6.444	6.433	6.474	VV	1245	23466	0.20%	0.012%
77	6.491	6.474	6.519	VV	1716	26044	0.22%	0.013%
78	6.555	6.519	6.581	VV	1407	25392	0.22%	0.013%
79	6.632	6.581	6.709	VV	758	38761	0.33%	0.019%
80	6.732	6.709	6.753	VV	628	11731	0.10%	0.006%
81	6.779	6.753	6.810	VV	418	11403	0.10%	0.006%
82	6.850	6.810	6.917	VV	859411	8622647	74.39%	4.257%
83	6.933	6.917	6.952	VV	1694	29512	0.25%	0.015%
84	6.970	6.952	6.988	VV	1373	23183	0.20%	0.011%
85	7.001	6.988	7.022	VV	2354	31588	0.27%	0.016%
86	7.033	7.022	7.057	VV	1008	17012	0.15%	0.008%
87	7.075	7.057	7.112	VV	1373	23167	0.20%	0.011%
88	7.144	7.112	7.163	VV	910	17302	0.15%	0.009%
89	7.177	7.163	7.207	VV	470	9015	0.08%	0.004%

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90	7.222	7.207	7.240	VV	418	5485	0.05%	0.003%
91	7.254	7.240	7.278	VV	313	5276	0.05%	0.003%
92	7.302	7.278	7.337	VV	1217	20923	0.18%	0.010%
93	7.359	7.337	7.374	VV	1345	18313	0.16%	0.009%
94	7.426	7.374	7.455	VV	2031	55379	0.48%	0.027%
95	7.493	7.455	7.579	VV	15892	213886	1.85%	0.106%
96	7.597	7.579	7.620	VV	657	10834	0.09%	0.005%
97	7.653	7.620	7.681	VV	4540	54799	0.47%	0.027%
98	7.731	7.681	7.750	VV	797	20362	0.18%	0.010%
99	7.764	7.750	7.774	VV	749	8274	0.07%	0.004%
100	7.796	7.774	7.820	VV	3861	46957	0.41%	0.023%
101	7.834	7.820	7.844	VV	405	4835	0.04%	0.002%
102	7.864	7.844	7.878	VV	872	11950	0.10%	0.006%
103	7.890	7.878	7.934	VV	763	10166	0.09%	0.005%
104	7.961	7.934	7.998	VV	417	6150	0.05%	0.003%
105	8.014	7.998	8.041	PV	230	3163	0.03%	0.002%
106	8.064	8.041	8.083	VV	1653	18393	0.16%	0.009%
107	8.125	8.083	8.191	VV	568	21928	0.19%	0.011%
108	8.231	8.191	8.274	VV	645	16782	0.14%	0.008%
109	8.286	8.274	8.309	VV	314	5045	0.04%	0.002%
110	8.330	8.309	8.348	VV	469	6026	0.05%	0.003%
111	8.374	8.348	8.401	VV	4411	48056	0.41%	0.024%
112	8.431	8.401	8.454	VV	3893	43000	0.37%	0.021%
113	8.465	8.454	8.499	VV	452	7461	0.06%	0.004%
114	8.542	8.499	8.556	VV	795	13343	0.12%	0.007%
115	8.589	8.556	8.628	VV	2283	43270	0.37%	0.021%
116	8.642	8.628	8.650	VV	644	7356	0.06%	0.004%
117	8.687	8.650	8.759	VV	910132	9533849	82.25%	4.707%
118	8.802	8.759	8.858	VV	3168	86001	0.74%	0.042%
119	8.876	8.858	8.900	VV	1174	21295	0.18%	0.011%
120	8.917	8.900	8.960	VV	1630	20681	0.18%	0.010%
121	9.004	8.960	9.081	VV	54278	673264	5.81%	0.332%
122	9.102	9.081	9.124	VV	8757	107500	0.93%	0.053%
123	9.157	9.124	9.207	VV	2868	102035	0.88%	0.050%
124	9.225	9.207	9.269	VV	2115	49715	0.43%	0.025%
125	9.290	9.269	9.320	VV	992	16296	0.14%	0.008%
126	9.343	9.320	9.371	VV	759	13118	0.11%	0.006%
127	9.415	9.371	9.434	VV	2875	54940	0.47%	0.027%
128	9.448	9.434	9.488	VV	1973	42515	0.37%	0.021%
129	9.528	9.488	9.582	VV	4630	112805	0.97%	0.056%
130	9.601	9.582	9.626	VV	1118	15082	0.13%	0.007%
131	9.651	9.626	9.678	VV	743	11112	0.10%	0.005%
132	9.700	9.678	9.717	VV	506	8089	0.07%	0.004%
133	9.734	9.717	9.744	VV	551	7159	0.06%	0.004%
134	9.753	9.744	9.765	VV	509	5490	0.05%	0.003%
135	9.771	9.765	9.784	VV	448	4499	0.04%	0.002%
136	9.816	9.784	9.838	VV	1267	24042	0.21%	0.012%
137	9.888	9.838	9.918	VV	2983	53053	0.46%	0.026%
138	9.935	9.918	9.948	VV	1136	13283	0.11%	0.007%
139	9.975	9.948	10.001	VV	1201	25202	0.22%	0.012%
140	10.026	10.001	10.052	VV	1364	26592	0.23%	0.013%
141	10.075	10.052	10.119	VV	3972	49893	0.43%	0.025%

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142	10.151	10.119	10.177	VV	658	14061	0.12%	0.007%	
143	10.217	10.177	10.260	VV	2346	42400	0.37%	0.021%	
144	10.301	10.260	10.355	VV	945742	10491213	90.51%	5.180%	
145	10.365	10.355	10.425	VV	1566	43777	0.38%	0.022%	
146	10.445	10.425	10.494	VV	656	16836	0.15%	0.008%	
147	10.511	10.494	10.520	VV	106	943	0.01%	0.000%	
148	10.546	10.520	10.558	PV	257	3868	0.03%	0.002%	
149	10.577	10.558	10.592	VV	511	6776	0.06%	0.003%	
150	10.621	10.592	10.658	VV	811	20804	0.18%	0.010%	
151	10.692	10.658	10.711	VV	1250	24242	0.21%	0.012%	
152	10.738	10.711	10.820	VV	2571	74467	0.64%	0.037%	
153	10.849	10.820	10.868	VV	879	16837	0.15%	0.008%	
154	10.901	10.868	10.914	VV	1016	19500	0.17%	0.010%	
155	10.940	10.914	10.952	VV	1060	20737	0.18%	0.010%	
156	10.972	10.952	11.003	VV	1312	31923	0.28%	0.016%	
157	11.039	11.003	11.075	VV	2268	51080	0.44%	0.025%	
158	11.096	11.075	11.114	VV	1078	17712	0.15%	0.009%	
159	11.126	11.114	11.137	VV	955	11109	0.10%	0.005%	
160	11.169	11.137	11.219	VV	2482	53920	0.47%	0.027%	
161	11.235	11.219	11.244	VV	679	7839	0.07%	0.004%	
162	11.259	11.244	11.288	VV	707	13945	0.12%	0.007%	
163	11.325	11.288	11.340	VV	587	14305	0.12%	0.007%	
164	11.362	11.340	11.389	VV	924	19584	0.17%	0.010%	
165	11.409	11.389	11.416	VV	1163	14081	0.12%	0.007%	
166	11.438	11.416	11.454	VV	3231	48068	0.41%	0.024%	
167	11.468	11.454	11.520	VV	2194	46387	0.40%	0.023%	
168	11.549	11.520	11.589	VV	2583	36755	0.32%	0.018%	
169	11.609	11.589	11.644	VV	281	5745	0.05%	0.003%	
170	11.676	11.644	11.708	VV	6531	83843	0.72%	0.041%	
171	11.750	11.708	11.824	VV	931142	10870752	93.78%	5.367%	
172	11.841	11.824	11.873	VV	1368	22140	0.19%	0.011%	
173	11.887	11.873	11.923	VV	265	5564	0.05%	0.003%	
174	11.978	11.923	12.001	PV	306	6226	0.05%	0.003%	
175	12.070	12.001	12.081	VV	620	18492	0.16%	0.009%	
176	12.135	12.081	12.158	VV	1500	40137	0.35%	0.020%	
177	12.165	12.158	12.188	VV	1077	14942	0.13%	0.007%	
178	12.204	12.188	12.221	VV	1004	15417	0.13%	0.008%	
179	12.232	12.221	12.282	VV	1241	17201	0.15%	0.008%	
180	12.414	12.282	12.448	VV	2600	75119	0.65%	0.037%	
181	12.464	12.448	12.495	VV	847	14983	0.13%	0.007%	
182	12.581	12.495	12.604	VV	1866	59159	0.51%	0.029%	
183	12.638	12.604	12.654	VV	2082	47573	0.41%	0.023%	
184	12.670	12.654	12.736	VV	2305	66609	0.57%	0.033%	
185	12.786	12.736	12.816	VV	1996	46259	0.40%	0.023%	
186	12.829	12.816	12.837	VV	722	8465	0.07%	0.004%	
187	12.884	12.837	12.897	VV	3288	60781	0.52%	0.030%	
188	12.916	12.897	12.963	VV	5030	73189	0.63%	0.036%	
189	13.000	12.963	13.024	VV	4575	60881	0.53%	0.030%	
190	13.066	13.024	13.168	VV	918989	10967766	94.62%	5.415%	
191	13.178	13.168	13.248	VV	746	12865	0.11%	0.006%	
192	13.327	13.248	13.368	PV	854	21280	0.18%	0.011%	
193	13.417	13.368	13.437	VV	1507	27084	0.23%	0.013%	
194	13.466	13.437	13.478	VV	6563	87831	0.76%	0.043%	

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195	13.512	13.478	13.598	VV	701591	8300383	71.61%	4.098%
196	13.619	13.598	13.638	VV	1086	19620	0.17%	0.010%
197	13.680	13.638	13.778	VV	846131	10243321	88.37%	5.058%
198	13.793	13.778	13.852	VV	985	24170	0.21%	0.012%
199	13.877	13.852	13.917	VV	837	20923	0.18%	0.010%
200	13.942	13.917	13.993	VV	941	27722	0.24%	0.014%
201	14.019	13.993	14.035	VV	1051	14665	0.13%	0.007%
202	14.054	14.035	14.083	VV	1357	20000	0.17%	0.010%
203	14.106	14.083	14.153	VV	1994	35587	0.31%	0.018%
204	14.211	14.153	14.231	VV	3777	54924	0.47%	0.027%
205	14.267	14.231	14.384	VV	766380	9790967	84.47%	4.834%
206	14.394	14.384	14.408	VV	315	2356	0.02%	0.001%
207	14.421	14.408	14.438	VV	189	1619	0.01%	0.001%
208	14.462	14.438	14.471	VV	541	6827	0.06%	0.003%
209	14.485	14.471	14.551	VV	560	13221	0.11%	0.007%
210	14.558	14.551	14.578	VV	210	2143	0.02%	0.001%
211	14.596	14.578	14.631	PV	382	4896	0.04%	0.002%
212	14.654	14.631	14.664	VV	317	3960	0.03%	0.002%
213	14.699	14.664	14.760	VV	23604	303457	2.62%	0.150%
214	14.777	14.760	14.803	VV	424	8335	0.07%	0.004%
215	14.827	14.803	14.867	VV	1068	14859	0.13%	0.007%
216	14.891	14.867	14.937	VV	457	11286	0.10%	0.006%
217	14.970	14.937	15.003	VV	460	12211	0.11%	0.006%
218	15.029	15.003	15.050	VV	267	4857	0.04%	0.002%
219	15.085	15.050	15.098	VV	351	6042	0.05%	0.003%
220	15.148	15.098	15.201	VV	1642	39494	0.34%	0.019%
221	15.225	15.201	15.262	VV	553	9059	0.08%	0.004%
222	15.324	15.262	15.338	PV	2528	35492	0.31%	0.018%
223	15.374	15.338	15.506	VV	719756	9001356	77.66%	4.444%
224	15.532	15.506	15.551	VV	658	9949	0.09%	0.005%
225	15.562	15.551	15.603	VV	227	4317	0.04%	0.002%
226	15.611	15.603	15.631	VV	142	1151	0.01%	0.001%
227	15.673	15.631	15.714	VV	169	4286	0.04%	0.002%
228	15.778	15.714	15.828	PV	780	23788	0.21%	0.012%
229	15.849	15.828	15.866	VV	572	9882	0.09%	0.005%
230	15.890	15.866	15.931	VV	1912	32180	0.28%	0.016%
231	15.946	15.931	15.956	VV	292	3527	0.03%	0.002%
232	16.033	15.956	16.058	VV	251	11118	0.10%	0.005%
233	16.071	16.058	16.094	VV	250	3156	0.03%	0.002%
234	16.156	16.094	16.180	VV	226	5463	0.05%	0.003%
235	16.212	16.180	16.228	VV	265	5278	0.05%	0.003%
236	16.254	16.228	16.264	VV	379	5891	0.05%	0.003%
237	16.283	16.264	16.304	VV	248	4032	0.03%	0.002%
238	16.396	16.304	16.474	PV	655275	8365909	72.17%	4.131%
239	16.484	16.474	16.494	VV	202	1921	0.02%	0.001%
240	16.521	16.494	16.542	VV	264	4111	0.04%	0.002%
241	16.572	16.542	16.611	VV	335	7604	0.07%	0.004%
242	16.643	16.611	16.650	VV	76	1655	0.01%	0.001%
243	16.686	16.650	16.701	PV	143	1704	0.01%	0.001%
244	16.842	16.701	16.850	PV	407	9181	0.08%	0.005%
245	16.878	16.850	16.931	VV	2347	39732	0.34%	0.020%
246	17.093	16.931	17.098	VV	103	9134	0.08%	0.005%

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247	17.229	17.098	17.254	PV	738	8755	0.08%	0.004%
248	17.349	17.254	17.406	VV	614776	8096851	69.85%	3.998%
249	17.430	17.406	17.471	VV	530	12887	0.11%	0.006%
250	17.501	17.471	17.512	VV	220	3885	0.03%	0.002%
251	17.618	17.512	17.628	PV	336	5091	0.04%	0.003%
252	17.797	17.628	17.831	VV	3472	72373	0.62%	0.036%
253	17.885	17.831	17.901	PV	561	7087	0.06%	0.003%
254	18.126	17.901	18.153	VV	7204	140005	1.21%	0.069%
255	18.238	18.153	18.291	VV	604940	8347816	72.02%	4.122%
256	18.320	18.291	18.350	VV	1397	35281	0.30%	0.017%
257	18.399	18.350	18.407	VV	474	17732	0.15%	0.009%
258	18.505	18.407	18.520	VV	411	15878	0.14%	0.008%
259	18.572	18.520	18.590	PV	1069	19147	0.17%	0.009%
260	18.657	18.590	18.688	VV	6454	108581	0.94%	0.054%
261	18.762	18.688	18.780	VV	487	10286	0.09%	0.005%
262	18.925	18.780	18.940	VV	554	8748	0.08%	0.004%
263	19.073	18.940	19.127	VV	600562	8538599	73.66%	4.216%
264	19.200	19.127	19.219	VV	741	38401	0.33%	0.019%
265	19.467	19.219	19.504	VV	11263	314449	2.71%	0.155%
266	19.719	19.504	19.735	VV	5173	538662	4.65%	0.266%
267	19.859	19.735	19.904	VV	624264	9388286	81.00%	4.635%
268	19.915	19.904	19.921	VV	7415	73721	0.64%	0.036%
269	19.962	19.921	19.979	VV	7941	263915	2.28%	0.130%
270	20.099	19.979	20.110	VV	10136	693935	5.99%	0.343%
271	20.146	20.110	20.160	VV	11987	333625	2.88%	0.165%
272	20.229	20.160	20.257	VV	18457	785710	6.78%	0.388%
273	20.414	20.257	20.438	VV	21497	1635819	14.11%	0.808%
274	20.501	20.438	20.524	VV	21286	977458	8.43%	0.483%
275	20.601	20.524	20.638	VV	648481	10419089	89.89%	5.144%
276	20.714	20.638	20.724	VV	25427	1271729	10.97%	0.628%
277	20.763	20.724	20.776	VV	25910	785519	6.78%	0.388%
278	20.822	20.776	20.869	VV	26988	1464653	12.64%	0.723%
279	20.878	20.869	20.931	VV	24991	868895	7.50%	0.429%
280	20.962	20.931	21.005	VV	24948	976241	8.42%	0.482%
281	21.071	21.005	21.099	VV	20879	1130509	9.75%	0.558%
282	21.158	21.099	21.192	VV	25713	1188687	10.26%	0.587%
283	21.292	21.192	21.321	VV	20003	1501831	12.96%	0.742%
284	21.378	21.321	21.541	VV	535914	11591166	100.00%	5.723%
285	21.658	21.541	21.713	VV	18604	1721210	14.85%	0.850%
286	21.731	21.713	21.764	VV	16752	481255	4.15%	0.238%
287	21.822	21.764	21.874	VV	17315	1005873	8.68%	0.497%
288	21.893	21.874	21.921	VV	12134	328254	2.83%	0.162%
289	21.929	21.921	21.978	VV	11162	340664	2.94%	0.168%
290	21.985	21.978	22.009	VV	9251	162444	1.40%	0.080%
291	22.017	22.009	22.117	VV	8313	418059	3.61%	0.206%
292	22.151	22.117	22.274	VV	4828	293454	2.53%	0.145%
293	22.361	22.274	22.478	PV	335431	8734402	75.35%	4.313%
					Sum of corrected areas:		202533729	

Aliphatic EPH 092425.M Tue Sep 30 06:35:08 2025