

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091525AL\
 Data File : FE055842.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2025 22:10
 Sample : Q3091-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.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	2.832	2.804	2.858	BV	352	3701	0.05%	0.014%
2	2.867	2.858	2.881	PV	101	1043	0.01%	0.004%
3	2.888	2.881	3.009	VV	99	6240	0.09%	0.023%
4	3.033	3.009	3.073	VV	157	3352	0.05%	0.012%
5	3.085	3.073	3.124	PV	190	2892	0.04%	0.011%
6	3.161	3.124	3.170	VV	148	3222	0.05%	0.012%
7	3.184	3.170	3.197	VV	187	2111	0.03%	0.008%
8	3.210	3.197	3.224	VV	152	1830	0.03%	0.007%
9	3.257	3.224	3.280	VV	428	8457	0.12%	0.031%
10	3.291	3.280	3.381	VV	443	15172	0.22%	0.056%
11	3.408	3.381	3.452	VV	288	8022	0.11%	0.030%
12	3.469	3.452	3.495	VV	186	3816	0.05%	0.014%
13	3.510	3.495	3.531	VV	276	3843	0.05%	0.014%
14	3.541	3.531	3.551	VV	189	2083	0.03%	0.008%
15	3.594	3.551	3.614	VV	374	8639	0.12%	0.032%
16	3.625	3.614	3.668	VV	229	5714	0.08%	0.021%
17	3.697	3.668	3.738	VV	201	6675	0.10%	0.025%
18	3.748	3.738	3.802	VV	203	6416	0.09%	0.024%
19	3.842	3.802	3.855	VV	538	8390	0.12%	0.031%
20	3.880	3.855	3.940	VV	6822	73043	1.05%	0.269%
21	3.955	3.940	3.971	VV	190	3066	0.04%	0.011%
22	3.997	3.971	4.058	VV	5360	57046	0.82%	0.210%
23	4.072	4.058	4.079	VV	299	2973	0.04%	0.011%
24	4.094	4.079	4.114	VV	361	5502	0.08%	0.020%
25	4.120	4.114	4.161	VV	298	4679	0.07%	0.017%
26	4.172	4.161	4.180	VV	158	1501	0.02%	0.006%
27	4.210	4.180	4.231	VV	271	6207	0.09%	0.023%
28	4.260	4.231	4.328	VV	285	11924	0.17%	0.044%
29	4.337	4.328	4.361	VV	228	3233	0.05%	0.012%
30	4.365	4.361	4.371	VV	193	834	0.01%	0.003%
31	4.395	4.371	4.404	VV	322	4600	0.07%	0.017%
32	4.411	4.404	4.422	VV	360	2936	0.04%	0.011%
33	4.437	4.422	4.488	VV	313	8458	0.12%	0.031%
34	4.494	4.488	4.544	VV	250	6184	0.09%	0.023%
35	4.576	4.544	4.612	VV	279	8452	0.12%	0.031%
36	4.621	4.612	4.633	VV	189	2227	0.03%	0.008%

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37	4.667	4.633	4.734	VV	330	12344	0.18%	0.046%	
38	4.740	4.734	4.774	VV	199	3890	0.06%	0.014%	
39	4.781	4.774	4.807	VV	186	2459	0.04%	0.009%	
40	4.834	4.807	4.864	VV	426	6245	0.09%	0.023%	
41	4.886	4.864	4.901	VV	176	2737	0.04%	0.010%	
42	4.914	4.901	4.929	VV	197	1970	0.03%	0.007%	
43	4.938	4.929	4.944	VV	177	998	0.01%	0.004%	
44	4.980	4.944	4.998	VV	232	4095	0.06%	0.015%	
45	5.002	4.998	5.011	VV	156	907	0.01%	0.003%	
46	5.086	5.011	5.152	VV	221	12943	0.19%	0.048%	
47	5.160	5.152	5.176	VV	133	1697	0.02%	0.006%	
48	5.188	5.176	5.210	VV	154	2307	0.03%	0.009%	
49	5.219	5.210	5.274	VV	157	4049	0.06%	0.015%	
50	5.282	5.274	5.299	VV	121	1209	0.02%	0.004%	
51	5.311	5.299	5.317	VV	141	978	0.01%	0.004%	
52	5.327	5.317	5.371	VV	205	3378	0.05%	0.012%	
53	5.397	5.371	5.410	VV	272	3020	0.04%	0.011%	
54	5.420	5.410	5.445	VV	154	2180	0.03%	0.008%	
55	5.458	5.445	5.481	VV	123	1755	0.03%	0.006%	
56	5.498	5.481	5.594	VV	150	5629	0.08%	0.021%	
57	5.615	5.594	5.666	VV	415	7487	0.11%	0.028%	
58	5.686	5.666	5.717	VV	133	2544	0.04%	0.009%	
59	5.747	5.717	5.773	VV	134	2208	0.03%	0.008%	
60	5.805	5.773	5.834	VV	235	3406	0.05%	0.013%	
61	5.852	5.834	5.928	VV	431	11498	0.16%	0.042%	
62	5.938	5.928	5.960	VV	152	1851	0.03%	0.007%	
63	5.980	5.960	6.033	VV	143	3881	0.06%	0.014%	
64	6.063	6.033	6.092	VV	191	3843	0.05%	0.014%	
65	6.129	6.092	6.158	VV	389	5942	0.09%	0.022%	
66	6.179	6.158	6.229	VV	465	6768	0.10%	0.025%	
67	6.248	6.229	6.269	VV	73	1355	0.02%	0.005%	
68	6.281	6.269	6.307	PV	143	1835	0.03%	0.007%	
69	6.322	6.307	6.354	VV	195	3008	0.04%	0.011%	
70	6.390	6.354	6.464	VV	947	23260	0.33%	0.086%	
71	6.494	6.464	6.514	VV	274	6528	0.09%	0.024%	
72	6.522	6.514	6.527	VV	220	1636	0.02%	0.006%	
73	6.547	6.527	6.596	VV	427	9504	0.14%	0.035%	
74	6.614	6.596	6.663	VV	217	7062	0.10%	0.026%	
75	6.682	6.663	6.728	VV	486	10341	0.15%	0.038%	
76	6.734	6.728	6.821	VV	268	9766	0.14%	0.036%	
77	6.843	6.821	6.857	VV	243	4463	0.06%	0.016%	
78	6.885	6.857	6.895	VV	240	4774	0.07%	0.018%	
79	6.923	6.895	7.035	VV	739	21760	0.31%	0.080%	
80	7.048	7.035	7.088	VV	189	3664	0.05%	0.014%	
81	7.105	7.088	7.178	VV	172	5641	0.08%	0.021%	
82	7.184	7.178	7.210	VV	102	1565	0.02%	0.006%	
83	7.223	7.210	7.238	VV	97	1428	0.02%	0.005%	
84	7.254	7.238	7.278	VV	508	5355	0.08%	0.020%	
85	7.345	7.278	7.368	VV	315	10309	0.15%	0.038%	
86	7.384	7.368	7.419	VV	343	7496	0.11%	0.028%	
87	7.432	7.419	7.454	VV	168	3300	0.05%	0.012%	
88	7.487	7.454	7.506	VV	264	5834	0.08%	0.022%	
89	7.521	7.506	7.561	VV	294	7192	0.10%	0.027%	

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90	7.575	7.561	7.607	VV	209	4145	0.06%	0.015%
91	7.624	7.607	7.637	VV	159	2480	0.04%	0.009%
92	7.661	7.637	7.683	VV	223	5203	0.07%	0.019%
93	7.695	7.683	7.707	VV	224	2576	0.04%	0.010%
94	7.796	7.707	7.828	VV	235	11480	0.16%	0.042%
95	7.846	7.828	7.872	VV	155	2658	0.04%	0.010%
96	7.889	7.872	7.901	VV	133	1384	0.02%	0.005%
97	7.938	7.901	7.968	VV	153	3668	0.05%	0.014%
98	7.989	7.968	8.001	PV	111	1182	0.02%	0.004%
99	8.015	8.001	8.024	VV	105	685	0.01%	0.003%
100	8.055	8.024	8.063	VV	108	1512	0.02%	0.006%
101	8.209	8.201	8.241	VV	1827	37081	0.53%	0.137%
102	8.253	8.241	8.343	VV	1623	51056	0.73%	0.188%
103	8.351	8.343	8.384	VV	521	10770	0.15%	0.040%
104	8.406	8.384	8.441	VV	441	13010	0.19%	0.048%
105	8.451	8.441	8.485	VV	405	8556	0.12%	0.032%
106	8.498	8.485	8.534	VV	343	8990	0.13%	0.033%
107	8.576	8.534	8.621	VV	512	20900	0.30%	0.077%
108	8.682	8.621	8.731	VV	1073	34241	0.49%	0.126%
109	8.741	8.731	8.781	VV	314	6528	0.09%	0.024%
110	8.811	8.781	8.914	VV	325	14590	0.21%	0.054%
111	8.917	8.914	8.968	VV	194	3204	0.05%	0.012%
112	9.155	9.140	9.285	VV	1340	66219	0.95%	0.244%
113	9.308	9.285	9.344	VV	534	16362	0.23%	0.060%
114	9.414	9.344	9.481	VV	1407	47500	0.68%	0.175%
115	9.508	9.481	9.644	VV	615	26255	0.38%	0.097%
116	9.693	9.644	9.794	VV	376	15603	0.22%	0.058%
117	9.809	9.794	9.824	VV	138	2308	0.03%	0.009%
118	9.894	9.824	9.950	VV	902	22394	0.32%	0.083%
119	9.964	9.950	10.031	VV	325	9992	0.14%	0.037%
120	10.054	10.031	10.101	VV	226	6453	0.09%	0.024%
121	10.129	10.101	10.142	VV	625	9022	0.13%	0.033%
122	10.168	10.142	10.274	VV	28878	411322	5.89%	1.517%
123	10.293	10.274	10.374	VV	1024	27384	0.39%	0.101%
124	10.399	10.374	10.426	VV	369	6856	0.10%	0.025%
125	10.450	10.426	10.481	VV	221	4819	0.07%	0.018%
126	10.493	10.481	10.503	VV	107	956	0.01%	0.004%
127	10.512	10.503	10.519	VV	130	771	0.01%	0.003%
128	10.526	10.519	10.545	VV	128	1183	0.02%	0.004%
129	10.572	10.545	10.598	PV	164	2760	0.04%	0.010%
130	10.642	10.598	10.674	VV	1652	23038	0.33%	0.085%
131	10.682	10.674	10.727	VV	361	8144	0.12%	0.030%
132	10.741	10.727	10.803	VV	295	8953	0.13%	0.033%
133	10.822	10.803	10.864	VV	230	4522	0.06%	0.017%
134	10.879	10.864	10.895	VV	280	3979	0.06%	0.015%
135	10.919	10.895	10.935	VV	354	6717	0.10%	0.025%
136	10.961	10.935	10.974	VV	522	9111	0.13%	0.034%
137	10.992	10.974	11.018	VV	700	13309	0.19%	0.049%
138	11.037	11.018	11.084	VV	789	14375	0.21%	0.053%
139	11.138	11.084	11.214	VV	468	15986	0.23%	0.059%
140	11.261	11.214	11.283	VV	292	6194	0.09%	0.023%
141	11.327	11.283	11.367	VV	456	14952	0.21%	0.055%

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142	11.379	11.367	11.395	VV	389	4739	0.07%	0.017%	
143	11.410	11.395	11.451	VV	267	6833	0.10%	0.025%	
144	11.467	11.451	11.581	VV	190	8406	0.12%	0.031%	
145	11.605	11.581	11.647	PV	385	6483	0.09%	0.024%	
146	11.674	11.647	11.699	VV	1742	23738	0.34%	0.088%	
147	11.744	11.699	11.791	VV	1443	30887	0.44%	0.114%	
148	11.837	11.791	11.868	VV	624	16234	0.23%	0.060%	
149	11.904	11.868	11.920	VV	511	7500	0.11%	0.028%	
150	11.936	11.920	11.960	VV	471	6706	0.10%	0.025%	
151	11.991	11.960	12.005	VV	370	6261	0.09%	0.023%	
152	12.016	12.005	12.029	VV	317	4036	0.06%	0.015%	
153	12.071	12.029	12.183	VV	656997	6989114	100.00%	25.778%	
154	12.199	12.183	12.214	VV	636	9905	0.14%	0.037%	
155	12.228	12.214	12.251	VV	662	10366	0.15%	0.038%	
156	12.265	12.251	12.277	VV	342	4431	0.06%	0.016%	
157	12.295	12.277	12.331	VV	492	9439	0.14%	0.035%	
158	12.351	12.331	12.378	VV	522	7673	0.11%	0.028%	
159	12.410	12.378	12.458	VV	993	20340	0.29%	0.075%	
160	12.464	12.458	12.478	VV	230	2608	0.04%	0.010%	
161	12.508	12.478	12.558	VV	693	14085	0.20%	0.052%	
162	12.589	12.558	12.605	VV	234	4602	0.07%	0.017%	
163	12.659	12.605	12.737	VV	16009	179715	2.57%	0.663%	
164	12.784	12.737	12.844	VV	682	27451	0.39%	0.101%	
165	12.869	12.844	12.931	VV	647	19312	0.28%	0.071%	
166	12.952	12.931	12.968	VV	572	8644	0.12%	0.032%	
167	12.996	12.968	13.033	VV	798	19200	0.27%	0.071%	
168	13.057	13.033	13.098	VV	1568	25336	0.36%	0.093%	
169	13.139	13.098	13.243	VV	2091	51525	0.74%	0.190%	
170	13.324	13.243	13.362	VV	358	14805	0.21%	0.055%	
171	13.435	13.362	13.452	VV	1023	24506	0.35%	0.090%	
172	13.508	13.452	13.598	VV	471898	5511115	78.85%	20.327%	
173	13.613	13.598	13.647	VV	919	19718	0.28%	0.073%	
174	13.676	13.647	13.768	VV	1219	42697	0.61%	0.157%	
175	13.797	13.768	13.818	VV	399	7721	0.11%	0.028%	
176	13.877	13.818	13.982	VV	418	22992	0.33%	0.085%	
177	14.032	13.982	14.065	VV	317	10714	0.15%	0.040%	
178	14.074	14.065	14.096	VV	308	5037	0.07%	0.019%	
179	14.115	14.096	14.126	VV	402	6278	0.09%	0.023%	
180	14.130	14.126	14.158	VV	375	4725	0.07%	0.017%	
181	14.208	14.158	14.234	VV	1048	25552	0.37%	0.094%	
182	14.259	14.234	14.340	VV	1441	34540	0.49%	0.127%	
183	14.353	14.340	14.453	VV	286	7569	0.11%	0.028%	
184	14.481	14.453	14.514	VV	212	4592	0.07%	0.017%	
185	14.542	14.514	14.575	VV	146	3644	0.05%	0.013%	
186	14.593	14.575	14.610	PV	137	1648	0.02%	0.006%	
187	14.625	14.610	14.637	VV	252	2417	0.03%	0.009%	
188	14.666	14.637	14.678	VV	756	13552	0.19%	0.050%	
189	14.698	14.678	14.724	VV	1207	20783	0.30%	0.077%	
190	14.770	14.724	14.798	VV	653	18468	0.26%	0.068%	
191	14.824	14.798	14.844	VV	1221	17920	0.26%	0.066%	
192	14.859	14.844	14.875	VV	607	8773	0.13%	0.032%	
193	14.895	14.875	14.997	VV	1028	33411	0.48%	0.123%	
194	15.019	14.997	15.041	VV	265	5373	0.08%	0.020%	

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195	15.057	15.041	15.114	VV	318	8022	0.11%	0.030%
196	15.124	15.114	15.156	VV	195	3287	0.05%	0.012%
197	15.205	15.156	15.264	PV	409	16844	0.24%	0.062%
198	15.324	15.264	15.340	VV	1344	28142	0.40%	0.104%
199	15.365	15.340	15.391	VV	2784	48918	0.70%	0.180%
200	15.412	15.391	15.460	VV	2412	40167	0.57%	0.148%
201	15.471	15.460	15.531	VV	226	6345	0.09%	0.023%
202	15.558	15.531	15.611	VV	298	7655	0.11%	0.028%
203	15.664	15.611	15.681	VV	127	2842	0.04%	0.010%
204	15.752	15.681	15.828	VV	14140	332787	4.76%	1.227%
205	15.843	15.828	15.864	VV	1253	22139	0.32%	0.082%
206	15.888	15.864	15.927	VV	2445	44555	0.64%	0.164%
207	15.968	15.927	16.064	VV	5977	94126	1.35%	0.347%
208	16.072	16.064	16.138	VV	104	2090	0.03%	0.008%
209	16.153	16.138	16.184	VV	211	2238	0.03%	0.008%
210	16.203	16.184	16.234	VV	149	2630	0.04%	0.010%
211	16.281	16.234	16.324	PV	420	13088	0.19%	0.048%
212	16.354	16.324	16.366	VV	580	11209	0.16%	0.041%
213	16.389	16.366	16.430	VV	2561	39544	0.57%	0.146%
214	16.453	16.430	16.498	VV	595	11944	0.17%	0.044%
215	16.521	16.498	16.548	VV	235	4750	0.07%	0.018%
216	16.568	16.548	16.598	VV	156	3259	0.05%	0.012%
217	16.601	16.598	16.631	VV	216	2384	0.03%	0.009%
218	16.639	16.631	16.655	VV	123	1256	0.02%	0.005%
219	16.693	16.655	16.713	PV	389	8359	0.12%	0.031%
220	16.779	16.713	16.814	VV	1210	35556	0.51%	0.131%
221	16.840	16.814	16.854	VV	1291	24002	0.34%	0.089%
222	16.875	16.854	16.911	VV	3999	71716	1.03%	0.265%
223	16.919	16.911	16.932	VV	889	10320	0.15%	0.038%
224	16.955	16.932	16.994	VV	1538	29461	0.42%	0.109%
225	17.033	16.994	17.076	VV	258	8462	0.12%	0.031%
226	17.091	17.076	17.101	PV	99	1103	0.02%	0.004%
227	17.182	17.101	17.189	VV	189	3750	0.05%	0.014%
228	17.217	17.189	17.241	VV	503	9684	0.14%	0.036%
229	17.275	17.241	17.287	VV	830	13243	0.19%	0.049%
230	17.341	17.287	17.401	VV	6884	124361	1.78%	0.459%
231	17.420	17.401	17.476	VV	1360	23013	0.33%	0.085%
232	17.487	17.476	17.528	VV	197	3326	0.05%	0.012%
233	17.536	17.528	17.571	VV	155	1878	0.03%	0.007%
234	17.595	17.571	17.604	VV	151	1609	0.02%	0.006%
235	17.628	17.604	17.658	VV	179	2548	0.04%	0.009%
236	17.726	17.658	17.748	PV	924	23521	0.34%	0.087%
237	17.792	17.748	17.851	VV	9593	152173	2.18%	0.561%
238	17.878	17.851	17.918	VV	1136	18277	0.26%	0.067%
239	17.974	17.918	18.000	VV	375	7102	0.10%	0.026%
240	18.023	18.000	18.054	VV	199	4701	0.07%	0.017%
241	18.073	18.054	18.099	PV	308	4938	0.07%	0.018%
242	18.126	18.099	18.143	VV	176	3292	0.05%	0.012%
243	18.230	18.143	18.284	PV	12186	210913	3.02%	0.778%
244	18.320	18.284	18.364	VV	4240	69552	1.00%	0.257%
245	18.392	18.364	18.409	VV	473	8984	0.13%	0.033%
246	18.425	18.409	18.448	VV	394	5900	0.08%	0.022%

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247	18.471	18.448	18.492	VV	764	13469	0.19%	0.050%
248	18.503	18.492	18.531	VV	375	4683	0.07%	0.017%
249	18.566	18.531	18.576	PV	1769	24667	0.35%	0.091%
250	18.603	18.576	18.625	VV	4615	96030	1.37%	0.354%
251	18.654	18.625	18.718	VV	15446	309309	4.43%	1.141%
252	18.750	18.718	18.784	VV	1038	33476	0.48%	0.123%
253	18.792	18.784	18.822	VV	459	9001	0.13%	0.033%
254	18.908	18.822	18.938	VV	1565	50502	0.72%	0.186%
255	18.958	18.938	18.991	VV	902	23110	0.33%	0.085%
256	19.064	18.991	19.126	VV	14443	251862	3.60%	0.929%
257	19.165	19.126	19.218	VV	3636	76240	1.09%	0.281%
258	19.237	19.218	19.265	VV	815	17708	0.25%	0.065%
259	19.321	19.265	19.331	VV	775	18690	0.27%	0.069%
260	19.368	19.331	19.384	VV	986	26454	0.38%	0.098%
261	19.462	19.384	19.514	VV	12268	300483	4.30%	1.108%
262	19.563	19.514	19.588	VV	2502	89145	1.28%	0.329%
263	19.614	19.588	19.644	VV	2991	74299	1.06%	0.274%
264	19.692	19.644	19.734	VV	2036	96344	1.38%	0.355%
265	19.772	19.734	19.792	VV	1836	53674	0.77%	0.198%
266	19.849	19.792	19.891	VV	10156	211458	3.03%	0.780%
267	19.924	19.891	19.938	VV	4748	92358	1.32%	0.341%
268	19.959	19.938	20.004	VV	7991	174821	2.50%	0.645%
269	20.037	20.004	20.061	VV	3331	92657	1.33%	0.342%
270	20.090	20.061	20.104	VV	2847	71097	1.02%	0.262%
271	20.138	20.104	20.169	VV	3321	115482	1.65%	0.426%
272	20.226	20.169	20.297	VV	10107	364350	5.21%	1.344%
273	20.467	20.297	20.515	VV	6483	650889	9.31%	2.401%
274	20.591	20.515	20.628	VV	10979	482506	6.90%	1.780%
275	20.707	20.628	20.734	VV	7909	462826	6.62%	1.707%
276	20.762	20.734	20.788	VV	8379	251602	3.60%	0.928%
277	20.869	20.788	20.885	VV	7969	448682	6.42%	1.655%
278	20.960	20.885	20.993	VV	10711	563388	8.06%	2.078%
279	21.041	20.993	21.113	VV	8832	609954	8.73%	2.250%
280	21.131	21.113	21.174	VV	7880	282632	4.04%	1.042%
281	21.216	21.174	21.239	VV	7491	289870	4.15%	1.069%
282	21.252	21.239	21.257	VV	7255	78405	1.12%	0.289%
283	21.265	21.257	21.318	VV	7253	252299	3.61%	0.931%
284	21.364	21.318	21.492	VV	8721	701105	10.03%	2.586%
285	21.530	21.492	21.558	VV	5676	218773	3.13%	0.807%
286	21.576	21.558	21.586	VV	5466	93538	1.34%	0.345%
287	21.722	21.586	21.731	VV	5865	482706	6.91%	1.780%
288	21.823	21.731	21.891	VV	6962	579405	8.29%	2.137%
289	21.906	21.891	21.918	VV	5157	85064	1.22%	0.314%
290	21.936	21.918	21.944	VV	5064	77703	1.11%	0.287%
291	21.953	21.944	22.051	VV	4990	296021	4.24%	1.092%
292	22.074	22.051	22.115	VV	4147	152112	2.18%	0.561%
293	22.124	22.115	22.187	VV	3625	150926	2.16%	0.557%
294	22.205	22.187	22.298	VV	3465	196501	2.81%	0.725%
295	22.347	22.298	22.448	VV	2905	215183	3.08%	0.794%
296	22.468	22.448	22.678	VV	1921	134147	1.92%	0.495%
			Sum of corrected areas:			27112798		

Aliphatic EPH 082925.M Tue Sep 16 02:45:38 2025 rteres.txt