

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091525AL\
 Data File : FE055831.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2025 16:36
 Sample : Q3091-04
 Misc :
 ALS Vial : 17 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	2.835	2.804	2.884	BV	2181	24252	0.33%	0.083%
2	2.896	2.884	2.935	VV	321	4115	0.06%	0.014%
3	2.961	2.935	2.970	PV	142	1356	0.02%	0.005%
4	2.979	2.970	3.073	VV	87	3221	0.04%	0.011%
5	3.103	3.073	3.139	PV	182	2337	0.03%	0.008%
6	3.154	3.139	3.201	VV	157	2625	0.04%	0.009%
7	3.209	3.201	3.235	VV	104	1626	0.02%	0.006%
8	3.254	3.235	3.268	VV	548	5733	0.08%	0.020%
9	3.288	3.268	3.348	VV	431	12718	0.17%	0.043%
10	3.355	3.348	3.368	VV	140	1617	0.02%	0.006%
11	3.375	3.368	3.391	VV	159	1922	0.03%	0.007%
12	3.410	3.391	3.454	VV	276	6143	0.08%	0.021%
13	3.519	3.454	3.544	VV	215	6456	0.09%	0.022%
14	3.553	3.544	3.574	VV	206	3217	0.04%	0.011%
15	3.595	3.574	3.624	VV	473	7223	0.10%	0.025%
16	3.635	3.624	3.644	VV	273	2550	0.03%	0.009%
17	3.651	3.644	3.670	VV	244	2851	0.04%	0.010%
18	3.683	3.670	3.752	VV	273	9740	0.13%	0.033%
19	3.768	3.752	3.812	VV	244	7055	0.10%	0.024%
20	3.841	3.812	3.857	VV	807	10985	0.15%	0.037%
21	3.881	3.857	3.973	VV	9717	104773	1.43%	0.357%
22	3.997	3.973	4.051	VV	8028	82486	1.13%	0.281%
23	4.093	4.051	4.108	VV	508	11224	0.15%	0.038%
24	4.121	4.108	4.171	VV	374	8459	0.12%	0.029%
25	4.189	4.171	4.225	VV	444	10383	0.14%	0.035%
26	4.255	4.225	4.294	VV	426	12562	0.17%	0.043%
27	4.314	4.294	4.349	VV	300	8214	0.11%	0.028%
28	4.358	4.349	4.370	VV	247	2651	0.04%	0.009%
29	4.402	4.370	4.431	VV	511	13597	0.19%	0.046%
30	4.438	4.431	4.490	VV	366	8634	0.12%	0.029%
31	4.498	4.490	4.541	VV	260	7339	0.10%	0.025%
32	4.559	4.541	4.598	VV	325	7769	0.11%	0.026%
33	4.605	4.598	4.640	VV	302	5183	0.07%	0.018%
34	4.667	4.640	4.694	VV	527	9267	0.13%	0.032%
35	4.720	4.694	4.764	VV	270	8485	0.12%	0.029%
36	4.782	4.764	4.818	VV	293	5295	0.07%	0.018%

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37	4.835	4.818	4.936	VV	449	14591	0.20%	0.050%
38	4.953	4.936	4.981	VV	228	4801	0.07%	0.016%
39	4.989	4.981	5.023	VV	225	4696	0.06%	0.016%
40	5.074	5.023	5.095	VV	264	8266	0.11%	0.028%
41	5.111	5.095	5.149	VV	213	5935	0.08%	0.020%
42	5.157	5.149	5.168	VV	169	1644	0.02%	0.006%
43	5.174	5.168	5.208	VV	160	3573	0.05%	0.012%
44	5.222	5.208	5.238	VV	183	2779	0.04%	0.009%
45	5.249	5.238	5.303	VV	191	4096	0.06%	0.014%
46	5.326	5.303	5.364	VV	192	4753	0.06%	0.016%
47	5.400	5.364	5.455	VV	254	7131	0.10%	0.024%
48	5.487	5.455	5.561	VV	202	5276	0.07%	0.018%
49	5.616	5.561	5.679	VV	568	11974	0.16%	0.041%
50	5.693	5.679	5.745	VV	146	3806	0.05%	0.013%
51	5.809	5.745	5.833	VV	326	7166	0.10%	0.024%
52	5.864	5.833	5.989	VV	471	16774	0.23%	0.057%
53	5.999	5.989	6.021	VV	146	2078	0.03%	0.007%
54	6.029	6.021	6.043	VV	104	1448	0.02%	0.005%
55	6.055	6.043	6.089	VV	231	4021	0.05%	0.014%
56	6.129	6.089	6.159	VV	465	7784	0.11%	0.027%
57	6.179	6.159	6.214	VV	505	7003	0.10%	0.024%
58	6.244	6.214	6.268	VV	170	3160	0.04%	0.011%
59	6.283	6.268	6.302	VV	164	2444	0.03%	0.008%
60	6.322	6.302	6.364	VV	161	4921	0.07%	0.017%
61	6.391	6.364	6.433	VV	1202	20794	0.28%	0.071%
62	6.443	6.433	6.458	VV	366	4166	0.06%	0.014%
63	6.483	6.458	6.498	VV	450	7230	0.10%	0.025%
64	6.503	6.498	6.518	VV	324	3344	0.05%	0.011%
65	6.548	6.518	6.592	VV	508	13143	0.18%	0.045%
66	6.602	6.592	6.608	VV	259	2117	0.03%	0.007%
67	6.631	6.608	6.666	VV	294	7887	0.11%	0.027%
68	6.684	6.666	6.721	VV	510	10305	0.14%	0.035%
69	6.740	6.721	6.764	VV	279	5807	0.08%	0.020%
70	6.845	6.764	6.880	VV	331	16968	0.23%	0.058%
71	6.896	6.880	6.908	VV	249	4029	0.06%	0.014%
72	6.925	6.908	6.984	VV	771	18223	0.25%	0.062%
73	6.990	6.984	7.027	VV	277	5153	0.07%	0.018%
74	7.052	7.027	7.110	VV	233	7395	0.10%	0.025%
75	7.128	7.110	7.171	VV	247	5455	0.07%	0.019%
76	7.180	7.171	7.203	VV	190	2594	0.04%	0.009%
77	7.253	7.203	7.283	VV	638	11522	0.16%	0.039%
78	7.335	7.283	7.364	VV	485	14471	0.20%	0.049%
79	7.376	7.364	7.388	VV	395	5378	0.07%	0.018%
80	7.393	7.388	7.474	VV	413	14945	0.20%	0.051%
81	7.494	7.474	7.512	VV	312	6426	0.09%	0.022%
82	7.524	7.512	7.539	VV	368	4797	0.07%	0.016%
83	7.546	7.539	7.590	VV	340	6041	0.08%	0.021%
84	7.632	7.590	7.640	PV	222	4436	0.06%	0.015%
85	7.663	7.640	7.679	VV	400	6168	0.08%	0.021%
86	7.695	7.679	7.708	VV	270	4237	0.06%	0.014%
87	7.717	7.708	7.725	VV	285	2436	0.03%	0.008%
88	7.803	7.725	7.871	VV	497	21088	0.29%	0.072%
89	7.876	7.871	7.901	VV	183	2681	0.04%	0.009%

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90	7.937	7.901	7.973	VV	237	6642	0.09%	0.023%
91	7.983	7.973	7.994	VV	141	1491	0.02%	0.005%
92	8.022	7.994	8.043	VV	184	3784	0.05%	0.013%
93	8.054	8.043	8.064	VV	147	1684	0.02%	0.006%
94	8.210	8.201	8.240	VV	1915	38721	0.53%	0.132%
95	8.254	8.240	8.393	VV	1841	71497	0.98%	0.244%
96	8.403	8.393	8.441	VV	432	11444	0.16%	0.039%
97	8.455	8.441	8.518	VV	429	16165	0.22%	0.055%
98	8.577	8.518	8.628	VV	645	29354	0.40%	0.100%
99	8.681	8.628	8.732	VV	1165	36970	0.51%	0.126%
100	8.740	8.732	8.772	VV	329	6908	0.09%	0.024%
101	8.783	8.772	8.794	VV	337	3685	0.05%	0.013%
102	8.811	8.794	8.841	VV	350	8687	0.12%	0.030%
103	8.852	8.841	8.871	VV	341	4583	0.06%	0.016%
104	8.886	8.871	8.911	VV	207	4978	0.07%	0.017%
105	8.925	8.911	8.961	VV	238	5040	0.07%	0.017%
106	9.155	9.142	9.287	VV	1419	67838	0.93%	0.231%
107	9.316	9.287	9.348	VV	596	17862	0.24%	0.061%
108	9.413	9.348	9.484	VV	2280	66577	0.91%	0.227%
109	9.509	9.484	9.638	VV	690	30127	0.41%	0.103%
110	9.692	9.638	9.762	VV	344	13890	0.19%	0.047%
111	9.853	9.762	9.876	VV	284	11049	0.15%	0.038%
112	9.896	9.876	9.929	VV	639	11652	0.16%	0.040%
113	9.937	9.929	9.997	VV	292	9213	0.13%	0.031%
114	10.029	9.997	10.051	VV	220	5378	0.07%	0.018%
115	10.071	10.051	10.088	VV	191	3291	0.04%	0.011%
116	10.128	10.088	10.143	VV	640	9728	0.13%	0.033%
117	10.169	10.143	10.268	VV	25584	369687	5.05%	1.260%
118	10.294	10.268	10.381	VV	1063	30738	0.42%	0.105%
119	10.399	10.381	10.435	VV	416	8323	0.11%	0.028%
120	10.465	10.435	10.492	VV	200	5196	0.07%	0.018%
121	10.508	10.492	10.535	VV	134	2744	0.04%	0.009%
122	10.569	10.535	10.588	VV	130	2810	0.04%	0.010%
123	10.643	10.588	10.670	PV	1694	23773	0.33%	0.081%
124	10.682	10.670	10.724	VV	307	8000	0.11%	0.027%
125	10.737	10.724	10.761	VV	392	5490	0.08%	0.019%
126	10.774	10.761	10.804	VV	222	4406	0.06%	0.015%
127	10.834	10.804	10.858	VV	248	4335	0.06%	0.015%
128	10.882	10.858	10.894	VV	298	3984	0.05%	0.014%
129	10.921	10.894	10.934	VV	423	7392	0.10%	0.025%
130	10.962	10.934	10.976	VV	587	10528	0.14%	0.036%
131	10.995	10.976	11.021	VV	728	13971	0.19%	0.048%
132	11.037	11.021	11.094	VV	817	14547	0.20%	0.050%
133	11.142	11.094	11.161	VV	578	12569	0.17%	0.043%
134	11.170	11.161	11.211	VV	206	3908	0.05%	0.013%
135	11.256	11.211	11.294	VV	225	7704	0.11%	0.026%
136	11.326	11.294	11.371	VV	417	13076	0.18%	0.045%
137	11.381	11.371	11.454	VV	452	14222	0.19%	0.048%
138	11.467	11.454	11.518	VV	303	8356	0.11%	0.028%
139	11.526	11.518	11.534	VV	200	1643	0.02%	0.006%
140	11.548	11.534	11.578	VV	248	4024	0.06%	0.014%
141	11.606	11.578	11.648	PV	409	8838	0.12%	0.030%

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142	11.674	11.648	11.701	VV	1934	26682	0.36%	0.091%
143	11.716	11.701	11.726	VV	552	7151	0.10%	0.024%
144	11.745	11.726	11.794	VV	1401	23336	0.32%	0.080%
145	11.838	11.794	11.871	VV	675	16272	0.22%	0.055%
146	11.907	11.871	11.924	VV	414	6584	0.09%	0.022%
147	11.939	11.924	11.972	VV	422	5733	0.08%	0.020%
148	11.992	11.972	12.000	VV	179	1918	0.03%	0.007%
149	12.073	12.000	12.185	VV	654640	7314062	100.00%	24.925%
150	12.200	12.185	12.221	VV	596	10662	0.15%	0.036%
151	12.231	12.221	12.277	VV	627	9532	0.13%	0.032%
152	12.297	12.277	12.334	VV	431	7536	0.10%	0.026%
153	12.351	12.334	12.378	VV	402	5853	0.08%	0.020%
154	12.409	12.378	12.453	VV	930	20091	0.27%	0.068%
155	12.466	12.453	12.483	VV	196	2600	0.04%	0.009%
156	12.509	12.483	12.531	VV	705	9350	0.13%	0.032%
157	12.541	12.531	12.560	VV	176	1921	0.03%	0.007%
158	12.661	12.560	12.739	VV	16861	185986	2.54%	0.634%
159	12.787	12.739	12.845	VV	503	23666	0.32%	0.081%
160	12.869	12.845	12.924	VV	601	16986	0.23%	0.058%
161	12.953	12.924	12.973	VV	617	10412	0.14%	0.035%
162	12.997	12.973	13.032	VV	698	14741	0.20%	0.050%
163	13.058	13.032	13.100	VV	1452	24587	0.34%	0.084%
164	13.146	13.100	13.244	VV	1239	38168	0.52%	0.130%
165	13.267	13.244	13.279	VV	164	2601	0.04%	0.009%
166	13.322	13.279	13.354	VV	241	7947	0.11%	0.027%
167	13.420	13.354	13.444	VV	403	13973	0.19%	0.048%
168	13.509	13.444	13.604	VV	469043	5739242	78.47%	19.558%
169	13.620	13.604	13.646	VV	854	15834	0.22%	0.054%
170	13.677	13.646	13.778	VV	1000	37912	0.52%	0.129%
171	13.800	13.778	13.812	VV	274	4023	0.06%	0.014%
172	13.817	13.812	13.841	VV	210	2231	0.03%	0.008%
173	13.881	13.841	13.898	VV	427	9268	0.13%	0.032%
174	13.907	13.898	13.941	VV	310	4752	0.06%	0.016%
175	13.947	13.941	14.004	VV	104	3609	0.05%	0.012%
176	14.046	14.004	14.058	VV	240	4466	0.06%	0.015%
177	14.081	14.058	14.097	VV	377	6111	0.08%	0.021%
178	14.116	14.097	14.154	VV	401	8890	0.12%	0.030%
179	14.208	14.154	14.238	VV	884	22569	0.31%	0.077%
180	14.262	14.238	14.347	VV	1510	32342	0.44%	0.110%
181	14.357	14.347	14.405	VV	209	3619	0.05%	0.012%
182	14.419	14.405	14.444	VV	95	1530	0.02%	0.005%
183	14.484	14.444	14.541	VV	210	6518	0.09%	0.022%
184	14.550	14.541	14.573	VV	100	1045	0.01%	0.004%
185	14.665	14.573	14.682	VV	1018	21376	0.29%	0.073%
186	14.699	14.682	14.743	VV	1209	21337	0.29%	0.073%
187	14.765	14.743	14.799	VV	562	12067	0.16%	0.041%
188	14.825	14.799	14.844	VV	878	12066	0.16%	0.041%
189	14.864	14.844	14.881	VV	569	8445	0.12%	0.029%
190	14.898	14.881	14.919	VV	568	8420	0.12%	0.029%
191	14.951	14.919	15.034	VV	348	10756	0.15%	0.037%
192	15.062	15.034	15.071	VV	121	1719	0.02%	0.006%
193	15.082	15.071	15.108	PV	129	1455	0.02%	0.005%
194	15.134	15.108	15.141	PV	79	1037	0.01%	0.004%

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195	15.148	15.141	15.158	VV	70	311	0.00%	0.001%
196	15.173	15.158	15.184	VV	217	1340	0.02%	0.005%
197	15.208	15.184	15.287	VV	342	12872	0.18%	0.044%
198	15.324	15.287	15.343	VV	1043	19928	0.27%	0.068%
199	15.364	15.343	15.390	VV	1683	30780	0.42%	0.105%
200	15.413	15.390	15.534	VV	2556	43767	0.60%	0.149%
201	15.558	15.534	15.600	VV	355	5468	0.07%	0.019%
202	15.634	15.600	15.698	PV	185	4065	0.06%	0.014%
203	15.752	15.698	15.830	PV	16731	370700	5.07%	1.263%
204	15.845	15.830	15.871	VV	1180	22072	0.30%	0.075%
205	15.890	15.871	15.931	VV	1322	29876	0.41%	0.102%
206	15.970	15.931	16.018	VV	5645	83248	1.14%	0.284%
207	16.020	16.018	16.054	VV	248	2545	0.03%	0.009%
208	16.095	16.054	16.133	VV	139	2320	0.03%	0.008%
209	16.145	16.133	16.181	PV	43	1089	0.01%	0.004%
210	16.208	16.181	16.238	PV	164	2285	0.03%	0.008%
211	16.279	16.238	16.315	VV	470	11053	0.15%	0.038%
212	16.355	16.315	16.371	VV	555	12016	0.16%	0.041%
213	16.391	16.371	16.429	VV	1437	21507	0.29%	0.073%
214	16.454	16.429	16.493	VV	539	9810	0.13%	0.033%
215	16.519	16.493	16.551	VV	265	5220	0.07%	0.018%
216	16.568	16.551	16.578	VV	110	1300	0.02%	0.004%
217	16.600	16.578	16.634	VV	122	2940	0.04%	0.010%
218	16.645	16.634	16.656	PV	109	906	0.01%	0.003%
219	16.695	16.656	16.715	PV	283	5677	0.08%	0.019%
220	16.731	16.715	16.740	VV	238	2495	0.03%	0.009%
221	16.779	16.740	16.813	VV	1351	31212	0.43%	0.106%
222	16.838	16.813	16.854	VV	1082	20506	0.28%	0.070%
223	16.876	16.854	16.911	VV	2473	43900	0.60%	0.150%
224	16.918	16.911	16.931	VV	584	6438	0.09%	0.022%
225	16.957	16.931	16.994	VV	1226	23356	0.32%	0.080%
226	17.012	16.994	17.028	VV	194	2909	0.04%	0.010%
227	17.038	17.028	17.075	VV	181	2602	0.04%	0.009%
228	17.227	17.075	17.248	PV	222	4337	0.06%	0.015%
229	17.276	17.248	17.288	VV	566	7834	0.11%	0.027%
230	17.343	17.288	17.398	VV	5412	99120	1.36%	0.338%
231	17.421	17.398	17.485	VV	796	16221	0.22%	0.055%
232	17.509	17.485	17.518	VV	173	1934	0.03%	0.007%
233	17.553	17.518	17.565	VV	167	2709	0.04%	0.009%
234	17.597	17.565	17.628	VV	257	5424	0.07%	0.018%
235	17.646	17.628	17.663	VV	180	2442	0.03%	0.008%
236	17.728	17.663	17.758	PV	683	22813	0.31%	0.078%
237	17.794	17.758	17.854	VV	8019	125007	1.71%	0.426%
238	17.880	17.854	17.923	VV	892	14458	0.20%	0.049%
239	17.936	17.923	17.941	VV	135	926	0.01%	0.003%
240	18.025	17.941	18.040	VV	145	4741	0.06%	0.016%
241	18.081	18.040	18.101	PV	207	3530	0.05%	0.012%
242	18.190	18.101	18.204	VV	1426	24508	0.34%	0.084%
243	18.232	18.204	18.294	VV	10836	165693	2.27%	0.565%
244	18.323	18.294	18.371	VV	3835	56529	0.77%	0.193%
245	18.399	18.371	18.413	VV	154	3107	0.04%	0.011%
246	18.429	18.413	18.438	PV	190	1504	0.02%	0.005%

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247	18.477	18.438	18.491	PV	654	9263	0.13%	0.032%
248	18.507	18.491	18.524	VV	329	4598	0.06%	0.016%
249	18.602	18.524	18.628	VV	4975	120237	1.64%	0.410%
250	18.655	18.628	18.734	VV	13977	287864	3.94%	0.981%
251	18.749	18.734	18.777	VV	1058	22899	0.31%	0.078%
252	18.826	18.777	18.838	VV	445	16877	0.23%	0.058%
253	18.907	18.838	18.941	VV	1408	39941	0.55%	0.136%
254	18.956	18.941	18.993	VV	446	8603	0.12%	0.029%
255	19.066	18.993	19.134	PV	11317	189801	2.60%	0.647%
256	19.167	19.134	19.214	VV	2741	48197	0.66%	0.164%
257	19.323	19.214	19.338	VV	576	24586	0.34%	0.084%
258	19.367	19.338	19.387	VV	466	11232	0.15%	0.038%
259	19.464	19.387	19.520	VV	10222	220333	3.01%	0.751%
260	19.568	19.520	19.587	VV	1353	45118	0.62%	0.154%
261	19.626	19.587	19.639	VV	1663	44612	0.61%	0.152%
262	19.716	19.639	19.734	VV	2029	93428	1.28%	0.318%
263	19.772	19.734	19.794	VV	2267	73120	1.00%	0.249%
264	19.852	19.794	19.884	VV	10218	242567	3.32%	0.827%
265	19.928	19.884	19.945	VV	4155	127180	1.74%	0.433%
266	19.962	19.945	19.991	VV	3768	95419	1.30%	0.325%
267	20.042	19.991	20.064	VV	4249	158813	2.17%	0.541%
268	20.140	20.064	20.161	VV	4761	242456	3.31%	0.826%
269	20.228	20.161	20.261	VV	10780	365753	5.00%	1.246%
270	20.461	20.261	20.480	VV	7763	775830	10.61%	2.644%
271	20.504	20.480	20.524	VV	7889	202429	2.77%	0.690%
272	20.593	20.524	20.621	VV	11785	500817	6.85%	1.707%
273	20.869	20.621	20.931	VV	11056	1744478	23.85%	5.945%
274	20.959	20.931	21.023	VV	12236	566946	7.75%	1.932%
275	21.158	21.023	21.179	VV	9606	858679	11.74%	2.926%
276	21.235	21.179	21.244	VV	9418	367090	5.02%	1.251%
277	21.252	21.244	21.305	VV	9350	327755	4.48%	1.117%
278	21.313	21.305	21.336	VV	8589	157994	2.16%	0.538%
279	21.369	21.336	21.400	VV	10156	356267	4.87%	1.214%
280	21.475	21.400	21.543	VV	8758	710990	9.72%	2.423%
281	21.583	21.543	21.587	VV	7245	192696	2.63%	0.657%
282	21.665	21.587	21.673	VV	7524	375089	5.13%	1.278%
283	21.823	21.673	21.914	VV	8630	1099786	15.04%	3.748%
284	21.997	21.914	22.033	VV	6552	452472	6.19%	1.542%
285	22.045	22.033	22.052	VV	6145	69966	0.96%	0.238%
286	22.059	22.052	22.084	VV	6083	115000	1.57%	0.392%
287	22.132	22.084	22.250	VV	5776	513403	7.02%	1.750%
288	22.268	22.250	22.307	VV	4261	137687	1.88%	0.469%
289	22.346	22.307	22.392	VV	3845	184150	2.52%	0.628%
290	22.404	22.392	22.414	VV	3039	39465	0.54%	0.134%

Sum of corrected areas: 29344144

Aliphatic EPH 082925.M Tue Sep 16 02:37:12 2025