

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091525AL\
 Data File : FE055837.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2025 19:39
 Sample : Q3091-08MSD
 Misc :
 ALS Vial : 23 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	2.829	2.804	2.874	PV	81314	1171025	7.22%	0.365%
2	2.889	2.874	2.985	PV	857	993	0.01%	0.000%
3	2.991	2.985	3.024	PV	90	398	0.00%	0.000%
4	3.050	3.024	3.075	PV	228	2895	0.02%	0.001%
5	3.108	3.075	3.139	VV	3551	34452	0.21%	0.011%
6	3.152	3.139	3.165	VV	85	864	0.01%	0.000%
7	3.194	3.165	3.247	PV	287	6751	0.04%	0.002%
8	3.262	3.247	3.271	VV	425	3798	0.02%	0.001%
9	3.285	3.271	3.363	VV	456	11999	0.07%	0.004%
10	3.412	3.363	3.515	VV	512751	5051361	31.16%	1.575%
11	3.524	3.515	3.540	VV	215	3017	0.02%	0.001%
12	3.559	3.540	3.574	VV	450	6698	0.04%	0.002%
13	3.597	3.574	3.612	VV	372	6089	0.04%	0.002%
14	3.655	3.612	3.674	VV	331	8993	0.06%	0.003%
15	3.688	3.674	3.713	VV	206	3511	0.02%	0.001%
16	3.768	3.713	3.828	VV	1454	32243	0.20%	0.010%
17	3.845	3.828	3.864	VV	476	6511	0.04%	0.002%
18	3.884	3.864	3.977	VV	5370	57143	0.35%	0.018%
19	4.000	3.977	4.068	VV	4332	47426	0.29%	0.015%
20	4.098	4.068	4.116	VV	414	6742	0.04%	0.002%
21	4.132	4.116	4.165	VV	245	4452	0.03%	0.001%
22	4.174	4.165	4.181	VV	111	857	0.01%	0.000%
23	4.205	4.181	4.229	VV	324	5908	0.04%	0.002%
24	4.272	4.229	4.291	VV	303	7308	0.05%	0.002%
25	4.310	4.291	4.369	VV	229	7771	0.05%	0.002%
26	4.397	4.369	4.429	VV	464	11278	0.07%	0.004%
27	4.437	4.429	4.456	VV	309	4212	0.03%	0.001%
28	4.470	4.456	4.485	VV	269	3607	0.02%	0.001%
29	4.507	4.485	4.544	VV	275	7395	0.05%	0.002%
30	4.556	4.544	4.594	VV	262	5995	0.04%	0.002%
31	4.604	4.594	4.627	VV	186	3070	0.02%	0.001%
32	4.671	4.627	4.690	VV	594136	5662517	34.93%	1.766%
33	4.710	4.690	4.764	VV	609941	5989292	36.95%	1.868%
34	4.782	4.764	4.807	VV	6273	77902	0.48%	0.024%
35	4.830	4.807	4.936	VV	9678	132605	0.82%	0.041%
36	4.955	4.936	4.971	VV	628	10521	0.06%	0.003%

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37	4.985	4.971	5.021	VV	514	12229	0.08%	0.004%	
38	5.041	5.021	5.078	VV	449	11884	0.07%	0.004%	
39	5.089	5.078	5.111	VV	392	6256	0.04%	0.002%	
40	5.131	5.111	5.156	VV	360	8049	0.05%	0.003%	
41	5.188	5.156	5.211	VV	340	8409	0.05%	0.003%	
42	5.218	5.211	5.236	VV	240	2882	0.02%	0.001%	
43	5.252	5.236	5.304	VV	261	8069	0.05%	0.003%	
44	5.323	5.304	5.367	VV	239	8596	0.05%	0.003%	
45	5.396	5.367	5.448	VV	331	12511	0.08%	0.004%	
46	5.459	5.448	5.478	VV	297	3667	0.02%	0.001%	
47	5.486	5.478	5.511	VV	188	3119	0.02%	0.001%	
48	5.527	5.511	5.541	VV	166	2483	0.02%	0.001%	
49	5.546	5.541	5.568	VV	173	1930	0.01%	0.001%	
50	5.571	5.568	5.578	VV	148	646	0.00%	0.000%	
51	5.586	5.578	5.594	VV	132	1066	0.01%	0.000%	
52	5.618	5.594	5.638	VV	349	5766	0.04%	0.002%	
53	5.648	5.638	5.662	VV	186	2193	0.01%	0.001%	
54	5.675	5.662	5.698	VV	136	2010	0.01%	0.001%	
55	5.706	5.698	5.755	VV	121	2592	0.02%	0.001%	
56	5.809	5.755	5.833	VV	1676	18672	0.12%	0.006%	
57	5.855	5.833	5.925	VV	407	10596	0.07%	0.003%	
58	5.943	5.925	5.985	VV	124	2973	0.02%	0.001%	
59	5.998	5.985	6.006	VV	188	1053	0.01%	0.000%	
60	6.021	6.006	6.034	VV	106	1236	0.01%	0.000%	
61	6.056	6.034	6.082	PV	203	2966	0.02%	0.001%	
62	6.128	6.082	6.155	VV	387	5912	0.04%	0.002%	
63	6.178	6.155	6.236	VV	371	6512	0.04%	0.002%	
64	6.298	6.236	6.348	VV	164	5149	0.03%	0.002%	
65	6.388	6.348	6.530	VV	712708	6929964	42.75%	2.161%	
66	6.548	6.530	6.598	VV	972	28158	0.17%	0.009%	
67	6.615	6.598	6.629	VV	563	9792	0.06%	0.003%	
68	6.641	6.629	6.663	VV	513	9714	0.06%	0.003%	
69	6.683	6.663	6.747	VV	744	25071	0.15%	0.008%	
70	6.762	6.747	6.774	VV	397	6359	0.04%	0.002%	
71	6.777	6.774	6.796	VV	425	4683	0.03%	0.001%	
72	6.845	6.796	6.901	VV	628459	6254396	38.58%	1.951%	
73	6.922	6.901	6.978	VV	1253	33022	0.20%	0.010%	
74	7.000	6.978	7.081	VV	649	21802	0.13%	0.007%	
75	7.104	7.081	7.114	VV	223	4181	0.03%	0.001%	
76	7.142	7.114	7.164	VV	334	7604	0.05%	0.002%	
77	7.177	7.164	7.198	VV	250	4018	0.02%	0.001%	
78	7.214	7.198	7.238	VV	189	3949	0.02%	0.001%	
79	7.255	7.238	7.295	VV	584	12355	0.08%	0.004%	
80	7.335	7.295	7.371	VV	5330	68229	0.42%	0.021%	
81	7.392	7.371	7.444	VV	14187	152553	0.94%	0.048%	
82	7.489	7.444	7.605	VV	655286	6743833	41.60%	2.103%	
83	7.627	7.605	7.664	VV	2875	54414	0.34%	0.017%	
84	7.686	7.664	7.702	VV	2941	42209	0.26%	0.013%	
85	7.711	7.702	7.738	VV	1755	23462	0.14%	0.007%	
86	7.762	7.738	7.776	VV	1443	20970	0.13%	0.007%	
87	7.794	7.776	7.824	VV	2491	31467	0.19%	0.010%	
88	7.857	7.824	7.874	VV	705	14334	0.09%	0.004%	
89	7.887	7.874	7.954	VV	475	10590	0.07%	0.003%	

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90	7.975	7.954	8.004	VV	780	11061	0.07%	0.003%
91	8.019	8.004	8.055	VV	305	6253	0.04%	0.002%
92	8.116	8.055	8.202	VV	653173	6382100	39.37%	1.990%
93	8.214	8.202	8.241	VV	1528	29484	0.18%	0.009%
94	8.253	8.241	8.341	VV	1306	38961	0.24%	0.012%
95	8.371	8.341	8.398	VV	2661	34189	0.21%	0.011%
96	8.428	8.398	8.451	VV	1626	23786	0.15%	0.007%
97	8.458	8.451	8.475	VV	413	4396	0.03%	0.001%
98	8.488	8.475	8.501	VV	292	3799	0.02%	0.001%
99	8.512	8.501	8.517	VV	251	2319	0.01%	0.001%
100	8.538	8.517	8.561	VV	456	9592	0.06%	0.003%
101	8.588	8.561	8.623	VV	837	19301	0.12%	0.006%
102	8.683	8.623	8.752	VV	663220	6838849	42.19%	2.133%
103	8.800	8.752	8.895	VV	781981	7757242	47.85%	2.419%
104	8.910	8.895	8.954	VV	1129	21058	0.13%	0.007%
105	9.001	8.954	9.071	VV	427602	4402777	27.16%	1.373%
106	9.102	9.071	9.200	VV	784072	7940252	48.98%	2.476%
107	9.218	9.200	9.260	VV	954	24166	0.15%	0.008%
108	9.279	9.260	9.294	VV	514	8919	0.06%	0.003%
109	9.315	9.294	9.343	VV	380	9830	0.06%	0.003%
110	9.376	9.343	9.392	VV	1310	19635	0.12%	0.006%
111	9.414	9.392	9.488	VV	1622	40340	0.25%	0.013%
112	9.510	9.488	9.649	VV	1539	27061	0.17%	0.008%
113	9.696	9.649	9.738	VV	195	4632	0.03%	0.001%
114	9.752	9.738	9.793	PV	188	4516	0.03%	0.001%
115	9.809	9.793	9.832	VV	243	3434	0.02%	0.001%
116	9.894	9.832	10.015	VV	782687	8229813	50.77%	2.567%
117	10.031	10.015	10.051	VV	895	15292	0.09%	0.005%
118	10.073	10.051	10.087	VV	2929	36487	0.23%	0.011%
119	10.106	10.087	10.143	VV	11659	143976	0.89%	0.045%
120	10.169	10.143	10.219	VV	33541	395821	2.44%	0.123%
121	10.226	10.219	10.257	VV	1371	20685	0.13%	0.006%
122	10.297	10.257	10.377	VV	720450	7967984	49.15%	2.485%
123	10.397	10.377	10.435	VV	793	16683	0.10%	0.005%
124	10.461	10.435	10.495	VV	290	6812	0.04%	0.002%
125	10.508	10.495	10.544	VV	148	2558	0.02%	0.001%
126	10.582	10.544	10.615	VV	646	9746	0.06%	0.003%
127	10.644	10.615	10.674	VV	2265	28288	0.17%	0.009%
128	10.685	10.674	10.708	VV	299	4611	0.03%	0.001%
129	10.715	10.708	10.727	VV	301	2771	0.02%	0.001%
130	10.738	10.727	10.761	VV	320	4849	0.03%	0.002%
131	10.781	10.761	10.803	VV	295	3815	0.02%	0.001%
132	10.821	10.803	10.858	VV	339	5099	0.03%	0.002%
133	10.882	10.858	10.897	VV	260	4299	0.03%	0.001%
134	10.963	10.897	10.978	VV	745	19789	0.12%	0.006%
135	10.994	10.978	11.018	VV	857	13772	0.08%	0.004%
136	11.038	11.018	11.076	VV	810	14039	0.09%	0.004%
137	11.108	11.076	11.168	VV	6342	87023	0.54%	0.027%
138	11.178	11.168	11.216	VV	271	4792	0.03%	0.001%
139	11.309	11.216	11.351	PV	723088	8103597	49.99%	2.527%
140	11.386	11.351	11.449	VV	717299	8084305	49.87%	2.521%
141	11.456	11.449	11.526	VV	2542	66145	0.41%	0.021%

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142	11.547	11.526	11.578	VV	2241	37280	0.23%	0.012%
143	11.600	11.578	11.651	VV	2578	52878	0.33%	0.016%
144	11.675	11.651	11.698	VV	1780	28146	0.17%	0.009%
145	11.748	11.698	11.802	VV	746743	8660363	53.43%	2.701%
146	11.833	11.802	11.884	VV	930	30659	0.19%	0.010%
147	11.907	11.884	11.924	VV	496	8009	0.05%	0.002%
148	11.939	11.924	11.958	VV	379	5952	0.04%	0.002%
149	11.984	11.958	12.000	VV	194	4588	0.03%	0.001%
150	12.073	12.000	12.131	VV	632618	6686140	41.25%	2.085%
151	12.144	12.131	12.184	VV	761	19032	0.12%	0.006%
152	12.211	12.184	12.220	VV	1021	16517	0.10%	0.005%
153	12.229	12.220	12.249	VV	1149	13730	0.08%	0.004%
154	12.263	12.249	12.277	VV	718	8535	0.05%	0.003%
155	12.294	12.277	12.331	VV	813	14488	0.09%	0.005%
156	12.355	12.331	12.382	VV	502	9805	0.06%	0.003%
157	12.412	12.382	12.457	VV	1013	23652	0.15%	0.007%
158	12.480	12.457	12.494	VV	664	9724	0.06%	0.003%
159	12.509	12.494	12.534	VV	715	9738	0.06%	0.003%
160	12.551	12.534	12.571	VV	102	2000	0.01%	0.001%
161	12.586	12.571	12.614	VV	160	2474	0.02%	0.001%
162	12.662	12.614	12.734	VV	16196	182106	1.12%	0.057%
163	12.756	12.734	12.768	VV	843	11526	0.07%	0.004%
164	12.784	12.768	12.824	VV	746	17520	0.11%	0.005%
165	12.884	12.824	12.932	VV	2248	45746	0.28%	0.014%
166	12.955	12.932	12.977	VV	521	10373	0.06%	0.003%
167	13.001	12.977	13.021	VV	930	16307	0.10%	0.005%
168	13.063	13.021	13.100	VV	793387	9109441	56.20%	2.841%
169	13.140	13.100	13.248	VV	687867	7863735	48.51%	2.452%
170	13.270	13.248	13.289	VV	585	11911	0.07%	0.004%
171	13.322	13.289	13.391	VV	6280	86364	0.53%	0.027%
172	13.442	13.391	13.473	VV	686388	7831772	48.31%	2.442%
173	13.509	13.473	13.568	VV	455703	5471094	33.75%	1.706%
174	13.581	13.568	13.596	VV	973	14622	0.09%	0.005%
175	13.618	13.596	13.637	VV	1063	21252	0.13%	0.007%
176	13.677	13.637	13.758	VV	725680	8689242	53.60%	2.710%
177	13.770	13.758	13.838	VV	485	16170	0.10%	0.005%
178	13.872	13.838	13.887	VV	426	9772	0.06%	0.003%
179	13.904	13.887	13.966	VV	369	11357	0.07%	0.004%
180	13.977	13.966	13.991	VV	218	2292	0.01%	0.001%
181	14.023	13.991	14.034	VV	598	8777	0.05%	0.003%
182	14.052	14.034	14.071	VV	972	15246	0.09%	0.005%
183	14.103	14.071	14.158	VV	1545	35588	0.22%	0.011%
184	14.210	14.158	14.228	VV	1115	27944	0.17%	0.009%
185	14.265	14.228	14.374	VV	705781	8469995	52.25%	2.641%
186	14.392	14.374	14.428	VV	323	6944	0.04%	0.002%
187	14.446	14.428	14.535	VV	1174	19761	0.12%	0.006%
188	14.557	14.535	14.578	VV	149	2035	0.01%	0.001%
189	14.595	14.578	14.611	PV	125	1624	0.01%	0.001%
190	14.628	14.611	14.638	VV	222	2190	0.01%	0.001%
191	14.664	14.638	14.685	VV	869	15151	0.09%	0.005%
192	14.701	14.685	14.730	VV	1173	16874	0.10%	0.005%
193	14.769	14.730	14.800	VV	643	15235	0.09%	0.005%
194	14.827	14.800	14.851	VV	826	11982	0.07%	0.004%

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195	14.864	14.851	14.877	VV	498	5290	0.03%	0.002%	
196	14.897	14.877	14.918	VV	681	10985	0.07%	0.003%	
197	14.933	14.918	14.995	VV	331	9679	0.06%	0.003%	
198	15.008	14.995	15.022	VV	158	1498	0.01%	0.000%	
199	15.031	15.022	15.041	VV	119	924	0.01%	0.000%	
200	15.077	15.041	15.094	VV	206	4054	0.03%	0.001%	
201	15.108	15.094	15.161	VV	101	2748	0.02%	0.001%	
202	15.203	15.161	15.271	PV	6915	95153	0.59%	0.030%	
203	15.330	15.271	15.347	VV	588903	7888538	48.66%	2.460%	
204	15.372	15.347	15.535	VV	1297888	16210294	100.00%	5.055%	
205	15.558	15.535	15.608	VV	800	26954	0.17%	0.008%	
206	15.617	15.608	15.628	VV	392	4550	0.03%	0.001%	
207	15.630	15.628	15.639	VV	465	2468	0.02%	0.001%	
208	15.645	15.639	15.657	VV	355	3487	0.02%	0.001%	
209	15.667	15.657	15.693	VV	333	5850	0.04%	0.002%	
210	15.751	15.693	15.833	VV	14508	328987	2.03%	0.103%	
211	15.846	15.833	15.867	VV	1158	17643	0.11%	0.006%	
212	15.889	15.867	15.927	VV	2014	38089	0.23%	0.012%	
213	15.970	15.927	16.101	VV	5250	91015	0.56%	0.028%	
214	16.167	16.101	16.176	VV	183	5518	0.03%	0.002%	
215	16.239	16.176	16.251	VV	228	5433	0.03%	0.002%	
216	16.281	16.251	16.321	VV	517	13281	0.08%	0.004%	
217	16.396	16.321	16.442	VV	573189	7574438	46.73%	2.362%	
218	16.455	16.442	16.494	VV	678	12168	0.08%	0.004%	
219	16.521	16.494	16.558	VV	345	7362	0.05%	0.002%	
220	16.567	16.558	16.578	VV	199	2013	0.01%	0.001%	
221	16.601	16.578	16.650	VV	1061	15184	0.09%	0.005%	
222	16.695	16.650	16.739	PV	289	5740	0.04%	0.002%	
223	16.778	16.739	16.815	VV	1041	23098	0.14%	0.007%	
224	16.896	16.815	16.912	VV	543207	8660571	53.43%	2.701%	
225	16.931	16.912	17.110	VV	710238	8978081	55.39%	2.800%	
226	17.142	17.110	17.190	VV	4331	82981	0.51%	0.026%	
227	17.219	17.190	17.234	VV	1383	27152	0.17%	0.008%	
228	17.281	17.234	17.311	VV	638065	8411486	51.89%	2.623%	
229	17.346	17.311	17.408	VV	523945	7623459	47.03%	2.377%	
230	17.420	17.408	17.574	VV	3343	151891	0.94%	0.047%	
231	17.577	17.574	17.598	VV	697	8221	0.05%	0.003%	
232	17.631	17.598	17.664	VV	571	19936	0.12%	0.006%	
233	17.691	17.664	17.701	VV	557	10550	0.07%	0.003%	
234	17.730	17.701	17.748	VV	828	17635	0.11%	0.005%	
235	17.794	17.748	17.851	VV	8383	133651	0.82%	0.042%	
236	17.880	17.851	17.922	VV	943	14793	0.09%	0.005%	
237	17.948	17.922	17.958	VV	148	2169	0.01%	0.001%	
238	17.976	17.958	17.991	VV	163	1746	0.01%	0.001%	
239	18.027	17.991	18.053	VV	302	4986	0.03%	0.002%	
240	18.125	18.053	18.161	PV	6079	88250	0.54%	0.028%	
241	18.238	18.161	18.301	VV	539522	7522193	46.40%	2.346%	
242	18.325	18.301	18.378	VV	4024	68834	0.42%	0.021%	
243	18.436	18.378	18.458	VV	702	15836	0.10%	0.005%	
244	18.478	18.458	18.498	VV	715	11917	0.07%	0.004%	
245	18.505	18.498	18.528	VV	548	7167	0.04%	0.002%	
246	18.656	18.528	18.671	VV	420785	6822310	42.09%	2.128%	

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247	18.692	18.671	18.858	VV	491549	8828220	54.46%	2.753%
248	18.913	18.858	19.028	VV	381155	7207947	44.47%	2.248%
249	19.071	19.028	19.128	VV	570408	8130946	50.16%	2.536%
250	19.165	19.128	19.207	VV	9775	370673	2.29%	0.116%
251	19.224	19.207	19.291	VV	6544	280568	1.73%	0.087%
252	19.314	19.291	19.348	VV	5054	164532	1.01%	0.051%
253	19.369	19.348	19.405	VV	4594	147385	0.91%	0.046%
254	19.464	19.405	19.531	VV	14350	483814	2.98%	0.151%
255	19.570	19.531	19.588	VV	3953	130411	0.80%	0.041%
256	19.612	19.588	19.640	VV	4176	119201	0.74%	0.037%
257	19.715	19.640	19.733	VV	3946	203551	1.26%	0.063%
258	19.769	19.733	19.804	VV	3865	154451	0.95%	0.048%
259	19.855	19.804	19.945	VV	554921	8254742	50.92%	2.574%
260	19.961	19.945	19.988	VV	6813	150455	0.93%	0.047%
261	20.001	19.988	20.019	VV	4687	84444	0.52%	0.026%
262	20.042	20.019	20.061	VV	5024	117519	0.72%	0.037%
263	20.093	20.061	20.103	VV	4801	118294	0.73%	0.037%
264	20.141	20.103	20.177	VV	5335	215599	1.33%	0.067%
265	20.227	20.177	20.258	VV	11532	340632	2.10%	0.106%
266	20.279	20.258	20.298	VV	5769	136582	0.84%	0.043%
267	20.459	20.298	20.475	VV	8472	701869	4.33%	0.219%
268	20.495	20.475	20.528	VV	8606	256441	1.58%	0.080%
269	20.597	20.528	20.667	VV	559171	8650783	53.37%	2.698%
270	20.732	20.667	20.798	VV	14174	824004	5.08%	0.257%
271	20.874	20.798	20.901	VV	10083	608491	3.75%	0.190%
272	20.959	20.901	20.994	VV	13258	614516	3.79%	0.192%
273	21.077	20.994	21.197	VV	13834	1281143	7.90%	0.400%
274	21.235	21.197	21.240	VV	7826	202603	1.25%	0.063%
275	21.374	21.240	21.631	VV	461733	10212832	63.00%	3.185%
276	21.647	21.631	21.674	VV	7169	182746	1.13%	0.057%
277	21.706	21.674	21.748	VV	7005	305776	1.89%	0.095%
278	21.826	21.748	21.895	VV	7945	606121	3.74%	0.189%
279	21.903	21.895	21.938	VV	6288	158693	0.98%	0.049%
280	21.942	21.938	22.011	VV	6200	254042	1.57%	0.079%
281	22.018	22.011	22.054	VV	5375	136750	0.84%	0.043%
282	22.074	22.054	22.088	VV	5101	102346	0.63%	0.032%
283	22.202	22.088	22.281	VV	5509	580458	3.58%	0.181%
284	22.356	22.281	22.519	VV	317180	8482427	52.33%	2.645%
Sum of corrected areas:					320651081			

Aliphatic EPH 082925.M Tue Sep 16 02:42:08 2025