

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082925AL\
 Data File : FC069807.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 22:55
 Sample : Q2971-33MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.223	3.204	3.234	BV	161	1580	0.01%	0.001%
2	3.249	3.234	3.263	PV	562	5157	0.04%	0.002%
3	3.279	3.263	3.339	VV	516	10958	0.09%	0.004%
4	3.348	3.339	3.364	VV	104	784	0.01%	0.000%
5	3.398	3.364	3.494	PV	542786	4542314	36.45%	1.815%
6	3.525	3.494	3.537	VV	419	7591	0.06%	0.003%
7	3.547	3.537	3.563	VV	375	3846	0.03%	0.002%
8	3.577	3.563	3.586	VV	268	2848	0.02%	0.001%
9	3.598	3.586	3.619	VV	310	3612	0.03%	0.001%
10	3.690	3.619	3.733	PV	1698	31149	0.25%	0.012%
11	3.749	3.733	3.763	VV	448	5472	0.04%	0.002%
12	3.783	3.763	3.854	VV	2897	29159	0.23%	0.012%
13	3.880	3.854	3.926	VV	2438	25562	0.21%	0.010%
14	3.941	3.926	3.952	VV	213	1970	0.02%	0.001%
15	3.978	3.952	4.031	VV	275	6566	0.05%	0.003%
16	4.051	4.031	4.084	VV	743	11614	0.09%	0.005%
17	4.095	4.084	4.143	VV	395	8507	0.07%	0.003%
18	4.164	4.143	4.217	VV	240	9006	0.07%	0.004%
19	4.234	4.217	4.289	VV	534	11558	0.09%	0.005%
20	4.305	4.289	4.348	VV	180	4042	0.03%	0.002%
21	4.471	4.348	4.492	VV	615936	5425701	43.54%	2.168%
22	4.514	4.492	4.557	VV	654938	5778200	46.36%	2.309%
23	4.574	4.557	4.597	VV	6286	64970	0.52%	0.026%
24	4.621	4.597	4.658	VV	10136	101943	0.82%	0.041%
25	4.671	4.658	4.706	VV	370	7712	0.06%	0.003%
26	4.724	4.706	4.741	VV	415	5535	0.04%	0.002%
27	4.752	4.741	4.783	VV	328	5127	0.04%	0.002%
28	4.800	4.783	4.834	VV	283	5715	0.05%	0.002%
29	4.847	4.834	4.867	VV	191	2707	0.02%	0.001%
30	4.887	4.867	4.899	VV	175	2702	0.02%	0.001%
31	4.928	4.899	4.985	VV	193	6405	0.05%	0.003%
32	4.996	4.985	5.018	VV	143	1951	0.02%	0.001%
33	5.059	5.018	5.093	VV	264	5673	0.05%	0.002%
34	5.121	5.093	5.159	VV	208	4780	0.04%	0.002%
35	5.192	5.159	5.203	VV	205	3037	0.02%	0.001%
36	5.210	5.203	5.224	VV	192	1376	0.01%	0.001%

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37	5.236	5.224	5.274	VV	134	1822	0.01%	0.001%
38	5.325	5.274	5.374	VV	604	9025	0.07%	0.004%
39	5.379	5.374	5.411	VV	135	1362	0.01%	0.001%
40	5.422	5.411	5.454	PV	89	1548	0.01%	0.001%
41	5.467	5.454	5.477	VV	82	501	0.00%	0.000%
42	5.507	5.477	5.522	PV	1798	17797	0.14%	0.007%
43	5.535	5.522	5.596	VV	1449	17895	0.14%	0.007%
44	5.614	5.596	5.720	VV	207	6618	0.05%	0.003%
45	5.741	5.720	5.777	PV	139	2739	0.02%	0.001%
46	5.802	5.777	5.830	VV	351	4995	0.04%	0.002%
47	5.851	5.830	5.874	VV	425	5120	0.04%	0.002%
48	5.881	5.874	5.888	VV	84	579	0.00%	0.000%
49	5.909	5.888	5.922	VV	126	1580	0.01%	0.001%
50	5.931	5.922	5.952	VV	79	1181	0.01%	0.000%
51	5.967	5.952	5.981	VV	128	1314	0.01%	0.001%
52	6.017	5.981	6.031	VV	471	6790	0.05%	0.003%
53	6.064	6.031	6.187	VV	698522	6549934	52.56%	2.618%
54	6.207	6.187	6.254	VV	588	15006	0.12%	0.006%
55	6.294	6.254	6.313	VV	303	8128	0.07%	0.003%
56	6.336	6.313	6.415	VV	738	21261	0.17%	0.008%
57	6.426	6.415	6.455	VV	278	5197	0.04%	0.002%
58	6.494	6.455	6.545	VV	624673	6117964	49.09%	2.445%
59	6.562	6.545	6.622	VV	1587	25774	0.21%	0.010%
60	6.642	6.622	6.704	VV	440	9208	0.07%	0.004%
61	6.713	6.704	6.735	VV	165	1969	0.02%	0.001%
62	6.741	6.735	6.749	VV	125	743	0.01%	0.000%
63	6.785	6.749	6.800	VV	214	4473	0.04%	0.002%
64	6.815	6.800	6.844	VV	223	3787	0.03%	0.002%
65	6.852	6.844	6.861	VV	189	1412	0.01%	0.001%
66	6.879	6.861	6.891	VV	460	5125	0.04%	0.002%
67	6.912	6.891	6.942	VV	459	8072	0.06%	0.003%
68	6.967	6.942	7.001	VV	5343	59684	0.48%	0.024%
69	7.028	7.001	7.073	VV	13093	136090	1.09%	0.054%
70	7.124	7.073	7.236	VV	617174	6247425	50.13%	2.497%
71	7.259	7.236	7.291	VV	2223	32611	0.26%	0.013%
72	7.314	7.291	7.366	VV	2654	51526	0.41%	0.021%
73	7.389	7.366	7.401	VV	1235	14958	0.12%	0.006%
74	7.417	7.401	7.448	VV	2221	24995	0.20%	0.010%
75	7.481	7.448	7.500	VV	472	11645	0.09%	0.005%
76	7.511	7.500	7.561	VV	435	6652	0.05%	0.003%
77	7.596	7.561	7.622	VV	733	11144	0.09%	0.004%
78	7.641	7.622	7.684	VV	309	7198	0.06%	0.003%
79	7.736	7.684	7.811	VV	498975	4829345	38.75%	1.930%
80	7.833	7.811	7.860	VV	677	15572	0.12%	0.006%
81	7.872	7.860	7.926	VV	521	12661	0.10%	0.005%
82	7.940	7.926	7.957	VV	266	4104	0.03%	0.002%
83	7.986	7.957	8.018	VV	2006	26579	0.21%	0.011%
84	8.043	8.018	8.100	VV	1212	22840	0.18%	0.009%
85	8.153	8.100	8.176	VV	477	14525	0.12%	0.006%
86	8.199	8.176	8.236	VV	488	12861	0.10%	0.005%
87	8.296	8.236	8.331	VV	601506	6369485	51.11%	2.545%
88	8.344	8.331	8.361	VV	492	7461	0.06%	0.003%
89	8.411	8.361	8.466	VV	656713	6769695	54.32%	2.705%

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90	8.477	8.466	8.505	VV	689	11216	0.09%	0.004%
91	8.520	8.505	8.551	VV	676	10609	0.09%	0.004%
92	8.608	8.551	8.673	VV	313102	3172539	25.46%	1.268%
93	8.709	8.673	8.808	VV	662838	6857765	55.03%	2.741%
94	8.825	8.808	8.874	VV	633	12055	0.10%	0.005%
95	8.898	8.874	8.933	VV	446	10664	0.09%	0.004%
96	8.979	8.933	9.050	VV	1466	40590	0.33%	0.016%
97	9.064	9.050	9.081	VV	296	4232	0.03%	0.002%
98	9.114	9.081	9.208	VV	1426	25044	0.20%	0.010%
99	9.237	9.208	9.280	VV	108	2062	0.02%	0.001%
100	9.295	9.280	9.308	VV	105	833	0.01%	0.000%
101	9.311	9.308	9.321	VV	72	263	0.00%	0.000%
102	9.352	9.321	9.364	PV	152	1981	0.02%	0.001%
103	9.374	9.364	9.391	VV	189	1663	0.01%	0.001%
104	9.416	9.391	9.431	VV	225	3140	0.03%	0.001%
105	9.495	9.431	9.592	PV	644177	6910779	55.45%	2.762%
106	9.634	9.592	9.650	VV	493	11273	0.09%	0.005%
107	9.672	9.650	9.685	VV	2233	25567	0.21%	0.010%
108	9.704	9.685	9.739	VV	10183	115453	0.93%	0.046%
109	9.766	9.739	9.820	VV	39958	447307	3.59%	0.179%
110	9.830	9.820	9.854	VV	605	7386	0.06%	0.003%
111	9.899	9.854	9.968	VV	607781	6782170	54.42%	2.710%
112	9.986	9.968	10.049	VV	374	9470	0.08%	0.004%
113	10.069	10.049	10.090	VV	125	1440	0.01%	0.001%
114	10.120	10.090	10.148	VV	382	5786	0.05%	0.002%
115	10.176	10.148	10.208	PV	478	5814	0.05%	0.002%
116	10.238	10.208	10.264	VV	1136	13505	0.11%	0.005%
117	10.282	10.264	10.299	VV	273	3696	0.03%	0.001%
118	10.338	10.299	10.349	VV	416	5953	0.05%	0.002%
119	10.365	10.349	10.397	VV	244	4539	0.04%	0.002%
120	10.412	10.397	10.444	VV	286	4337	0.03%	0.002%
121	10.450	10.444	10.471	VV	90	748	0.01%	0.000%
122	10.501	10.471	10.511	VV	155	2552	0.02%	0.001%
123	10.538	10.511	10.573	VV	364	10043	0.08%	0.004%
124	10.587	10.573	10.617	VV	256	5874	0.05%	0.002%
125	10.635	10.617	10.665	VV	631	8293	0.07%	0.003%
126	10.699	10.665	10.810	VV	5289	75304	0.60%	0.030%
127	10.902	10.810	10.941	PV	601703	6691794	53.69%	2.674%
128	10.978	10.941	11.035	VV	618084	6704044	53.79%	2.679%
129	11.049	11.035	11.118	VV	1031	24032	0.19%	0.010%
130	11.143	11.118	11.165	VV	2177	26556	0.21%	0.011%
131	11.187	11.165	11.224	VV	2222	31391	0.25%	0.013%
132	11.233	11.224	11.248	VV	205	2605	0.02%	0.001%
133	11.269	11.248	11.299	VV	532	9347	0.07%	0.004%
134	11.344	11.299	11.398	VV	571036	6774215	54.36%	2.707%
135	11.422	11.398	11.486	VV	435	10210	0.08%	0.004%
136	11.505	11.486	11.514	VV	186	1738	0.01%	0.001%
137	11.534	11.514	11.568	VV	224	2907	0.02%	0.001%
138	11.666	11.568	11.715	PV	436681	4762007	38.21%	1.903%
139	11.763	11.715	11.778	VV	528	13684	0.11%	0.005%
140	11.798	11.778	11.834	VV	963	18619	0.15%	0.007%
141	11.850	11.834	11.867	VV	377	5878	0.05%	0.002%

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142	11.880	11.867	11.921	VV	346	5568	0.04%	0.002%	
143	11.948	11.921	11.981	VV	299	5866	0.05%	0.002%	
144	12.006	11.981	12.045	VV	524	11280	0.09%	0.005%	
145	12.066	12.045	12.085	VV	474	6267	0.05%	0.003%	
146	12.105	12.085	12.135	VV	343	5044	0.04%	0.002%	
147	12.150	12.135	12.162	VV	173	2040	0.02%	0.001%	
148	12.178	12.162	12.192	VV	150	2049	0.02%	0.001%	
149	12.257	12.192	12.324	VV	29944	349256	2.80%	0.140%	
150	12.344	12.324	12.362	VV	1323	21549	0.17%	0.009%	
151	12.373	12.362	12.409	VV	827	17491	0.14%	0.007%	
152	12.417	12.409	12.425	VV	397	3818	0.03%	0.002%	
153	12.443	12.425	12.454	VV	530	8035	0.06%	0.003%	
154	12.476	12.454	12.560	VV	1749	35005	0.28%	0.014%	
155	12.592	12.560	12.616	VV	774	14996	0.12%	0.006%	
156	12.656	12.616	12.687	VV	580830	6804105	54.60%	2.719%	
157	12.726	12.687	12.794	VV	554848	6506747	52.21%	2.600%	
158	12.823	12.794	12.877	VV	336	13908	0.11%	0.006%	
159	12.905	12.877	12.961	VV	5166	63371	0.51%	0.025%	
160	13.027	12.961	13.055	VV	555525	6470411	51.92%	2.586%	
161	13.101	13.055	13.176	VV	331171	3876828	31.11%	1.549%	
162	13.209	13.176	13.227	VV	438	9799	0.08%	0.004%	
163	13.269	13.227	13.350	VV	523677	6505419	52.20%	2.600%	
164	13.391	13.350	13.430	VV	304	10876	0.09%	0.004%	
165	13.457	13.430	13.477	VV	528	9342	0.07%	0.004%	
166	13.497	13.477	13.588	VV	2172	51254	0.41%	0.020%	
167	13.611	13.588	13.624	VV	379	7281	0.06%	0.003%	
168	13.643	13.624	13.664	VV	801	12171	0.10%	0.005%	
169	13.694	13.664	13.731	VV	1198	22920	0.18%	0.009%	
170	13.803	13.731	13.817	VV	1486	27436	0.22%	0.011%	
171	13.857	13.817	13.931	VV	518161	6353696	50.98%	2.539%	
172	13.978	13.931	14.005	VV	300	8277	0.07%	0.003%	
173	14.029	14.005	14.183	VV	1114	23015	0.18%	0.009%	
174	14.193	14.183	14.197	VV	144	823	0.01%	0.000%	
175	14.211	14.197	14.221	VV	181	1951	0.02%	0.001%	
176	14.249	14.221	14.272	VV	860	14904	0.12%	0.006%	
177	14.291	14.272	14.341	VV	951	15142	0.12%	0.006%	
178	14.364	14.341	14.388	VV	199	3169	0.03%	0.001%	
179	14.418	14.388	14.459	VV	845	15160	0.12%	0.006%	
180	14.480	14.459	14.505	VV	403	7285	0.06%	0.003%	
181	14.524	14.505	14.554	VV	231	4429	0.04%	0.002%	
182	14.568	14.554	14.596	VV	143	2115	0.02%	0.001%	
183	14.637	14.596	14.674	PV	463	8309	0.07%	0.003%	
184	14.703	14.674	14.748	VV	177	2871	0.02%	0.001%	
185	14.759	14.748	14.777	VV	123	1281	0.01%	0.001%	
186	14.811	14.777	14.861	VV	525	12430	0.10%	0.005%	
187	14.910	14.861	14.928	VV	463104	6317996	50.69%	2.525%	
188	14.957	14.928	15.082	VV	963993	12462769	100.00%	4.980%	
189	15.091	15.082	15.111	VV	201	2338	0.02%	0.001%	
190	15.155	15.111	15.184	VV	255	8042	0.06%	0.003%	
191	15.205	15.184	15.212	VV	133	1705	0.01%	0.001%	
192	15.217	15.212	15.228	VV	89	577	0.00%	0.000%	
193	15.255	15.228	15.265	VV	103	1434	0.01%	0.001%	
194	15.336	15.265	15.419	PV	18352	320372	2.57%	0.128%	

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195	15.433	15.419	15.454	VV	379	5485	0.04%	0.002%
196	15.478	15.454	15.528	VV	1894	39264	0.32%	0.016%
197	15.553	15.528	15.588	VV	1368	21734	0.17%	0.009%
198	15.606	15.588	15.641	VV	212	3944	0.03%	0.002%
199	15.715	15.641	15.731	PV	128	3539	0.03%	0.001%
200	15.743	15.731	15.761	VV	152	1657	0.01%	0.001%
201	15.814	15.761	15.831	VV	263	7432	0.06%	0.003%
202	15.864	15.831	15.920	VV	644	18289	0.15%	0.007%
203	15.986	15.920	16.037	VV	449006	5904584	47.38%	2.360%
204	16.046	16.037	16.100	VV	268	5421	0.04%	0.002%
205	16.114	16.100	16.133	VV	141	1671	0.01%	0.001%
206	16.184	16.133	16.221	PV	1085	15809	0.13%	0.006%
207	16.292	16.221	16.301	VV	178	4226	0.03%	0.002%
208	16.359	16.301	16.405	VV	2787	54844	0.44%	0.022%
209	16.473	16.405	16.488	VV	418139	6389081	51.27%	2.553%
210	16.508	16.488	16.536	VV	516322	6253748	50.18%	2.499%
211	16.543	16.536	16.574	VV	1805	25156	0.20%	0.010%
212	16.594	16.574	16.621	VV	865	13807	0.11%	0.006%
213	16.660	16.621	16.691	VV	357	8801	0.07%	0.004%
214	16.714	16.691	16.750	VV	2904	40007	0.32%	0.016%
215	16.769	16.750	16.794	VV	311	6376	0.05%	0.003%
216	16.856	16.794	16.894	VV	476094	6239172	50.06%	2.493%
217	16.935	16.894	16.968	VV	418866	5731142	45.99%	2.290%
218	16.982	16.968	17.101	VV	3012	52414	0.42%	0.021%
219	17.195	17.101	17.207	VV	209	6311	0.05%	0.003%
220	17.222	17.207	17.238	VV	159	2022	0.02%	0.001%
221	17.303	17.238	17.340	VV	1244	30145	0.24%	0.012%
222	17.380	17.340	17.432	VV	2659	46761	0.38%	0.019%
223	17.466	17.432	17.498	PV	587	9914	0.08%	0.004%
224	17.549	17.498	17.558	VV	174	4785	0.04%	0.002%
225	17.610	17.558	17.641	VV	191	4367	0.04%	0.002%
226	17.714	17.641	17.744	PV	3964	59366	0.48%	0.024%
227	17.827	17.744	17.864	VV	429617	5680261	45.58%	2.270%
228	17.912	17.864	17.961	VV	1022	21892	0.18%	0.009%
229	18.008	17.961	18.038	VV	789	17740	0.14%	0.007%
230	18.061	18.038	18.081	VV	448	7196	0.06%	0.003%
231	18.090	18.081	18.114	VV	205	2458	0.02%	0.001%
232	18.233	18.114	18.248	PV	403225	6901819	55.38%	2.758%
233	18.271	18.248	18.368	VV	460245	6024107	48.34%	2.407%
234	18.380	18.368	18.411	VV	806	14480	0.12%	0.006%
235	18.491	18.411	18.571	VV	393449	5919396	47.50%	2.366%
236	18.659	18.571	18.708	VV	395383	5663715	45.45%	2.263%
237	18.756	18.708	18.800	VV	1227	43753	0.35%	0.017%
238	18.815	18.800	18.854	VV	901	20531	0.16%	0.008%
239	18.950	18.854	18.970	VV	797	36918	0.30%	0.015%
240	19.014	18.970	19.105	VV	6423	244981	1.97%	0.098%
241	19.140	19.105	19.169	VV	1506	49090	0.39%	0.020%
242	19.193	19.169	19.208	VV	1326	28165	0.23%	0.011%
243	19.254	19.208	19.273	VV	1456	49720	0.40%	0.020%
244	19.310	19.273	19.321	VV	1491	38359	0.31%	0.015%
245	19.352	19.321	19.374	VV	1705	46549	0.37%	0.019%
246	19.443	19.374	19.491	VV	380626	5903723	47.37%	2.359%

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247	19.506	19.491	19.525	VV	2668	49854	0.40%	0.020%	
248	19.546	19.525	19.578	VV	2641	75112	0.60%	0.030%	
249	19.617	19.578	19.654	VV	2560	103606	0.83%	0.041%	
250	19.733	19.654	19.757	VV	2743	150785	1.21%	0.060%	
251	19.810	19.757	19.841	VV	5410	192737	1.55%	0.077%	
252	19.855	19.841	19.874	VV	3280	63332	0.51%	0.025%	
253	19.918	19.874	19.944	VV	3567	143580	1.15%	0.057%	
254	19.995	19.944	20.016	VV	5495	184872	1.48%	0.074%	
255	20.078	20.016	20.099	VV	5299	245888	1.97%	0.098%	
256	20.115	20.099	20.130	VV	5144	95009	0.76%	0.038%	
257	20.185	20.130	20.241	VV	365096	5814823	46.66%	2.324%	
258	20.323	20.241	20.370	VV	8580	485939	3.90%	0.194%	
259	20.447	20.370	20.522	VV	10805	787242	6.32%	0.315%	
260	20.543	20.522	20.618	VV	7178	354742	2.85%	0.142%	
261	20.662	20.618	20.696	VV	5579	259219	2.08%	0.104%	
262	20.717	20.696	20.741	VV	5455	144288	1.16%	0.058%	
263	20.747	20.741	20.755	VV	5295	43484	0.35%	0.017%	
264	20.852	20.755	20.891	VV	5321	430433	3.45%	0.172%	
265	20.952	20.891	21.238	VV	289357	6372036	51.13%	2.546%	
266	21.268	21.238	21.325	VV	3626	180559	1.45%	0.072%	
267	21.335	21.325	21.347	VV	3365	43749	0.35%	0.017%	
268	21.395	21.347	21.491	VV	3944	285875	2.29%	0.114%	
269	21.499	21.491	21.546	VV	2865	92609	0.74%	0.037%	
270	21.554	21.546	21.611	VV	2723	99971	0.80%	0.040%	
271	21.639	21.611	21.681	VV	2395	96169	0.77%	0.038%	
272	21.688	21.681	21.727	VV	2159	56961	0.46%	0.023%	
273	21.791	21.727	21.814	VV	2012	103129	0.83%	0.041%	
274	21.918	21.814	22.028	VV	210314	5530957	44.38%	2.210%	
275	22.045	22.028	22.078	VV	1191	33589	0.27%	0.013%	
276	22.121	22.078	22.167	VV	1729	71092	0.57%	0.028%	
277	22.177	22.167	22.274	VV	978	44395	0.36%	0.018%	
278	22.287	22.274	22.295	VV	315	4176	0.03%	0.002%	
279	22.311	22.295	22.328	VV	349	5727	0.05%	0.002%	
280	22.342	22.328	22.389	VV	266	5619	0.05%	0.002%	

Sum of corrected areas: 250233690

Aliphatic EPH 082725.M Sat Aug 30 01:36:13 2025