

Instrument :

FID_E

ClientSampleId :

5DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2025

Supervised By :mohammad ahmed 08/25/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE08212
Data File : FE055424.D
Signal(s) : FID1B.ch
Acq On : 21 Aug 2025 12:12
Sample : Q2868-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.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	2.831	2.804	2.875	BV	226	3457	0.04%	0.002%
2	2.886	2.875	2.898	PV	60	692	0.01%	0.000%
3	2.906	2.898	2.941	VV	129	1860	0.02%	0.001%
4	2.946	2.941	3.008	VV	81	1780	0.02%	0.001%
5	3.016	3.008	3.020	PV	31	231	0.00%	0.000%
6	3.053	3.020	3.092	VV	709	10297	0.11%	0.007%
7	3.112	3.092	3.135	VV	169	2106	0.02%	0.002%
8	3.164	3.135	3.241	VV	164	4700	0.05%	0.003%
9	3.252	3.241	3.271	PV	107	1039	0.01%	0.001%
10	3.278	3.271	3.288	VV	86	680	0.01%	0.000%
11	3.420	3.288	3.467	VV	186	10142	0.11%	0.007%
12	3.480	3.467	3.512	VV	143	2667	0.03%	0.002%
13	3.545	3.512	3.571	VV	131	3651	0.04%	0.003%
14	3.599	3.571	3.620	VV	133	3009	0.03%	0.002%
15	3.650	3.620	3.718	VV	167	5743	0.06%	0.004%
16	3.745	3.718	3.758	VV	135	2251	0.02%	0.002%
17	3.797	3.758	3.843	VV	142	4228	0.05%	0.003%
18	3.890	3.843	3.978	VV	656	15359	0.17%	0.011%
19	4.007	3.978	4.071	VV	654	11181	0.12%	0.008%
20	4.110	4.071	4.186	VV	124	8508	0.09%	0.006%
21	4.212	4.186	4.254	VV	686	11648	0.13%	0.008%
22	4.279	4.254	4.308	VV	204	5642	0.06%	0.004%
23	4.330	4.308	4.353	VV	325	5391	0.06%	0.004%
24	4.378	4.353	4.406	VV	559	10043	0.11%	0.007%
25	4.423	4.406	4.458	VV	354	7393	0.08%	0.005%
26	4.522	4.458	4.544	VV	194	7611	0.08%	0.005%
27	4.571	4.544	4.608	VV	185	5587	0.06%	0.004%
28	4.632	4.608	4.698	VV	161	6665	0.07%	0.005%
29	4.735	4.698	4.824	VV	124	5738	0.06%	0.004%
30	4.843	4.824	4.869	VV	131	2292	0.03%	0.002%
31	4.911	4.869	5.014	VV	1368	25554	0.28%	0.018%
32	5.055	5.014	5.148	VV	365	14526	0.16%	0.010%
33	5.300	5.261	5.473	VV	631	23315	0.26%	0.017%
34	5.567	5.473	5.611	VV	295	11908	0.13%	0.009%
35	5.626	5.611	5.715	VV	148	5357	0.06%	0.004%
36	5.757	5.715	5.804	PV	226	4235	0.05%	0.003%

					retention			
37	5.874	5.804	5.918	VV	250	7190	0.08%	0.005%
38	5.938	5.918	6.003	VV	150	4070		
39	6.095	6.003	6.114	VV	634	12712		
40	6.337	6.321	6.373	VV	684	16795		
41	6.399	6.373	6.429	VV	7213	76267		
42	6.451	6.429	6.491	VV	1169	21276		
43	6.509	6.491	6.601	VV	435	15642	0.17%	0.011%
44	6.622	6.601	6.650	VV	345	6967	0.08%	0.005%
45	6.691	6.650	6.725	VV	367	12282	0.14%	0.009%
46	6.753	6.725	6.779	VV	313	8153	0.09%	0.006%
47	6.800	6.779	6.841	VV	345	9391	0.10%	0.007%
48	6.859	6.841	6.904	VV	687	12822	0.14%	0.009%
49	6.924	6.904	6.951	VV	215	4460	0.05%	0.003%
50	6.974	6.951	6.998	VV	199	3916	0.04%	0.003%
51	7.016	6.998	7.042	VV	221	3434	0.04%	0.002%
52	7.069	7.042	7.127	PV	553	12473	0.14%	0.009%
53	7.179	7.127	7.221	VV	1327	29237	0.32%	0.021%
54	7.244	7.221	7.264	VV	503	9008	0.10%	0.006%
55	7.290	7.264	7.334	VV	585	13293	0.15%	0.010%
56	7.452	7.334	7.484	VV	1015	61802	0.68%	0.044%
57	7.500	7.484	7.528	VV	3297	38474	0.43%	0.028%
58	7.559	7.528	7.614	VV	1506	30658	0.34%	0.022%
59	7.763	7.695	7.831	VV	363	18374	0.20%	0.013%
60	7.849	7.831	7.870	VV	174	3308	0.04%	0.002%
61	7.888	7.870	7.922	VV	206	3322	0.04%	0.002%
62	7.987	7.922	8.058	VV	575	18747	0.21%	0.013%
63	8.102	8.058	8.131	PV	399	5228	0.06%	0.004%
64	8.150	8.131	8.178	PV	466	5279	0.06%	0.004%
65	8.242	8.178	8.318	VV	2105	43582	0.48%	0.031%
66	8.346	8.318	8.362	VV	305	5224	0.06%	0.004%
67	8.405	8.362	8.458	VV	705	26633	0.30%	0.019%
68	8.514	8.458	8.553	VV	2147	54451	0.60%	0.039%
69	8.577	8.553	8.601	VV	1260	20148	0.22%	0.014%
70	8.622	8.601	8.722	VV	5162	160336	1.78%	0.115%
71	8.742	8.722	8.759	VV	1661	21618	0.24%	0.016%
72	8.901	8.882	8.963	VV	2082	31234	0.35%	0.022%
73	9.016	8.963	9.034	VV	387	7809	0.09%	0.006%
74	9.060	9.034	9.091	VV	5320	60690	0.67%	0.044%
75	9.110	9.091	9.131	VV	5605	60419	0.67%	0.043%
76	9.154	9.131	9.208	VV	4478	87257	0.97%	0.063%
77	9.255	9.208	9.294	VV	2705	68018	0.75%	0.049%
78	9.476	9.461	9.501	VV	1106	16186	0.18%	0.012%
79	9.524	9.501	9.544	VV	4480	54262	0.60%	0.039%
80	9.565	9.544	9.603	VV	5703	72523	0.80%	0.052%
81	9.623	9.603	9.644	VV	1590	19178	0.21%	0.014%
82	9.681	9.644	9.698	VV	6055	83922	0.93%	0.060%
83	9.713	9.698	9.736	VV	6099	66086	0.73%	0.047%
84	9.767	9.736	9.791	VV	8957	115780	1.28%	0.083%
85	9.862	9.840	9.881	VV	7683	85154	0.94%	0.061%
86	9.904	9.881	9.958	VV	36204	466240	5.16%	0.335%
87	9.984	9.958	10.018	VV	7102	121019	1.34%	0.087%
88	10.052	10.018	10.096	VV	6212	127077	1.41%	0.091%
89	10.116	10.096	10.151	VV	3516	58626	0.65%	0.042%

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90	10.177	10.151	10.204	VV	6949	116870	1.29%	0.084%
91	10.227	10.204	10.254	VV	20051	230483		
92	10.273	10.254	10.295	VV	2882	49025		
93	10.329	10.295	10.371	VV	29711	410763		
94	10.392	10.371	10.446	VV	5481	89326		
95	10.491	10.446	10.554	VV	2192	62081		
96	10.603	10.554	10.628	PV	686	12845	0.14%	0.009%
97	10.655	10.628	10.716	VV	3770	77552	0.86%	0.056%
98	10.792	10.716	10.816	VV	14200	316453	3.51%	0.227%
99	10.835	10.816	10.866	VV	7049	95853	1.06%	0.069%
100	10.911	10.866	10.941	VV	8807	168421	1.87%	0.121%
101	10.965	10.941	11.015	VV	106155	1167668	12.93%	0.839%
102	11.117	11.015	11.154	VV	39772	882436	9.77%	0.634%
103	11.216	11.154	11.271	VV	13165	292966	3.25%	0.210%
104	11.325	11.271	11.364	VV	757093	8546403	94.67%	6.138%
105	11.396	11.364	11.458	VV	212599	2513119	27.84%	1.805%
106	11.473	11.458	11.500	VV	6867	94319	1.04%	0.068%
107	11.521	11.500	11.540	VV	3416	50955	0.56%	0.037%
108	11.565	11.540	11.584	VV	14626	169631	1.88%	0.122%
109	11.607	11.584	11.657	VV	93358	1013698	11.23%	0.728%
110	11.726	11.657	11.781	VV	6788	224143	2.48%	0.161%
111	11.838	11.781	11.893	VV	19508	621811	6.89%	0.447%
112	11.923	11.893	11.948	VV	13708	212948	2.36%	0.153%
113	12.012	11.948	12.054	VV	14207	421419	4.67%	0.303%
114	12.083	12.054	12.104	VV	65955	777344	8.61%	0.558%
115	12.158	12.104	12.201	VV	93744	1853570	20.53%	1.331%
116	12.241	12.201	12.289	VV	48467	1442611	15.98%	1.036%
117	12.307	12.289	12.364	VV	58369	801485	8.88%	0.576%
118	12.385	12.364	12.418	VV	10873	172869	1.91%	0.124%
119	12.446	12.418	12.464	VV	7870	126813	1.40%	0.091%
120	12.488	12.464	12.544	VV	56835	725907	8.04%	0.521%
121	12.597	12.544	12.621	VV	51697	688186	7.62%	0.494%
122	12.638	12.621	12.689	VV	6184	181865	2.01%	0.131%
123	12.771	12.689	12.818	VV	20857	452248	5.01%	0.325%
124	12.872	12.818	12.901	VV	9432	278949	3.09%	0.200%
125	12.923	12.901	12.961	VV	17358	328566	3.64%	0.236%
126	12.986	12.961	13.013	VV	65160	843003	9.34%	0.605%
127	13.034	13.013	13.051	VV	31475	421764	4.67%	0.303%
128	13.069	13.051	13.119	VV	20876	610952	6.77%	0.439%
129	13.158	13.119	13.198	VV	741102	9027777	100.00%	6.484%
130	13.213	13.198	13.234	VV	10097	119964	1.33%	0.086%
131	13.290	13.234	13.321	VV	102783	1443986	15.99%	1.037%
132	13.342	13.321	13.424	VV	29222	929661	10.30%	0.668%
133	13.458	13.424	13.488	VV	619398	6987661	77.40%	5.019%
134	13.532	13.488	13.572	VV	74008	1717304	19.02%	1.233%
135	13.650	13.572	13.674	VV	28762	677845	7.51%	0.487%
136	13.718	13.674	13.763	VV	37230	564234	6.25%	0.405%
137	13.791	13.763	13.813	VV	20063	315211	3.49%	0.226%
138	13.849	13.813	13.888	VV	20385	442872	4.91%	0.318%
139	13.911	13.888	13.980	VV	37034	632480	7.01%	0.454%
140	14.042	13.980	14.083	VV	55332	1177927	13.05%	0.846%
141	14.106	14.083	14.126	VV	11677	195102	2.16%	0.140%

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142	14.150	14.126	14.169	VV	22597	316657	3.51%	0.227%	
143	14.191	14.169	14.246	VV	39674	615473			
144	14.284	14.246	14.308	VV	17060	437576			
145	14.321	14.308	14.341	VV	31050	392980			
146	14.361	14.341	14.400	VV	33056	471449			
147	14.434	14.400	14.454	VV	12264	211220			
148	14.474	14.454	14.498	VV	8711	159077	1.76%	0.114%	
149	14.541	14.498	14.651	VV	8746	388440	4.30%	0.279%	
150	14.782	14.651	14.814	PV	68574	1107926	12.27%	0.796%	
151	14.843	14.814	14.860	VV	5499	116344	1.29%	0.084%	
152	14.881	14.860	14.921	VV	7542	150306	1.66%	0.108%	
153	14.955	14.921	14.998	VV	40409	888063	9.84%	0.638%	
154	15.024	14.998	15.048	VV	70003	1048823	11.62%	0.753%	
155	15.086	15.048	15.124	VV	80093	1333477	14.77%	0.958%	
156	15.209	15.124	15.246	VV	19436	547973	6.07%	0.394%	
157	15.293	15.246	15.312	VV	61852	780144	8.64%	0.560%	
158	15.340	15.312	15.362	VV	294808	3757784	41.62%	2.699%	
159	15.383	15.362	15.411	VV	259541	3070688	34.01%	2.205%	
160	15.428	15.411	15.452	VV	13151	173704	1.92%	0.125%	
161	15.499	15.452	15.545	VV	83128	1345691	14.91%	0.966%	
162	15.576	15.545	15.610	VV	23561	399695	4.43%	0.287%	
163	15.639	15.610	15.664	VV	31495	464157	5.14%	0.333%	
164	15.688	15.664	15.735	VV	26216	540451	5.99%	0.388%	
165	15.782	15.735	15.806	VV	18951	367231	4.07%	0.264%	
166	15.823	15.806	15.848	VV	11357	168448	1.87%	0.121%	
167	15.880	15.848	15.901	VV	6175	132609	1.47%	0.095%	
168	15.923	15.901	15.945	VV	6049	110821	1.23%	0.080%	
169	16.012	15.945	16.034	VV	51918	972039	10.77%	0.698%	
170	16.051	16.034	16.111	VV	22299	434363	4.81%	0.312%	
171	16.167	16.111	16.208	VV	26101	812002	8.99%	0.583%	
172	16.250	16.208	16.304	VV	13527	297669	3.30%	0.214%	
173	16.334	16.304	16.351	VV	12203	173193	1.92%	0.124%	
174	16.374	16.351	16.394	VV	13199	227668	2.52%	0.164%	
175	16.536	16.516	16.553	VV	2144	34880	0.39%	0.025%	
176	16.572	16.553	16.591	VV	3692	48031	0.53%	0.034%	
177	16.637	16.591	16.667	VV	19887	365982	4.05%	0.263%	
178	16.689	16.667	16.729	VV	18275	296500	3.28%	0.213%	
179	16.752	16.729	16.780	VV	9173	198215	2.20%	0.142%	
180	16.839	16.780	16.864	VV	26812	669040	7.41%	0.481%	
181	16.911	16.864	16.976	VV	278719	5745004	63.64%	4.126%	
182	17.037	16.976	17.113	VV	74422	1390108	15.40%	0.998%	
183	17.231	17.113	17.260	VV	195032	3449288	38.21%	2.477%	
184	17.292	17.260	17.334	VV	259313	3463964	38.37%	2.488%	
185	17.389	17.334	17.414	VV	80248	1188405	13.16%	0.854%	
186	17.436	17.414	17.467	VV	20414	364438	4.04%	0.262%	
187	17.527	17.467	17.569	VV	18350	701062	7.77%	0.504%	
188	17.588	17.569	17.610	VV	10180	182089	2.02%	0.131%	
189	17.655	17.610	17.718	VV	22633	820403	9.09%	0.589%	
190	17.809	17.718	17.843	VV	23091	948162	10.50%	0.681%	
191	17.873	17.843	17.921	VV	17226	516118	5.72%	0.371%	
192	17.948	17.921	18.024	VV	20051	627483	6.95%	0.451%	
193	18.077	18.024	18.114	VV	9845	366432	4.06%	0.263%	
194	18.144	18.114	18.171	VV	5144	148125	1.64%	0.106%	

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195	18.270	18.171	18.298	VV	18098	848711	9.40%	0.610%
196	18.344	18.298	18.364	VV	18052	564599		
197	18.385	18.364	18.405	VV	22011	411624		
198	18.431	18.405	18.493	VV	30782	1062515	11.11%	0.686%
199	18.517	18.493	18.539	VV	23398	477302	5.55%	0.217%
200	18.571	18.539	18.631	VV	58793	1439429	15.55%	0.597%
201	18.667	18.631	18.729	VV	199276	3687037	40.84%	2.648%
202	18.744	18.729	18.767	VV	30935	570885	6.32%	0.410%
203	18.794	18.767	18.811	VV	59640	954656	10.57%	0.686%
204	18.829	18.811	18.889	VV	57314	1584034	17.55%	1.138%
205	18.924	18.889	18.981	VV	173103	2989671	33.12%	2.147%
206	19.004	18.981	19.026	VV	31776	718398	7.96%	0.516%
207	19.053	19.026	19.113	VV	59378	1476704	16.36%	1.061%
208	19.146	19.113	19.166	VV	19942	512614	5.68%	0.368%
209	19.179	19.166	19.198	VV	16984	302016	3.35%	0.217%
210	19.228	19.198	19.278	VV	21343	831777	9.21%	0.597%
211	19.348	19.278	19.371	VV	25601	1107640	12.27%	0.796%
212	19.393	19.371	19.411	VV	20172	451675	5.00%	0.324%
213	19.434	19.411	19.458	VV	24404	589114	6.53%	0.423%
214	19.485	19.458	19.564	VV	26694	1330360	14.74%	0.955%
215	19.597	19.564	19.680	VV	25275	1505356	16.67%	1.081%
216	19.720	19.680	19.741	VV	22282	771132	8.54%	0.554%
217	19.770	19.741	19.793	VV	23208	673414	7.46%	0.484%
218	19.868	19.831	19.914	VV	28163	1210380	13.41%	0.869%
219	20.013	19.968	20.041	VV	33207	1246467	13.81%	0.895%
220	20.078	20.041	20.108	VV	68075	1808104	20.03%	1.299%
221	20.146	20.108	20.180	VV	67278	2081858	23.06%	1.495%
222	20.238	20.180	20.308	VV	45585	2889244	32.00%	2.075%
223	20.360	20.308	20.395	VV	39636	1773025	19.64%	1.273%
224	20.456	20.395	20.494	VV	74765	2865101	31.74%	2.058%
225	20.527	20.494	20.575	VV	50750	2139460	23.70%	1.537%

Sum of corrected areas: 139236042

Aliphatic EPH 080125.M Fri Aug 22 05:01:08 2025

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SDL

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