

Instrument :

FID_E

ClientSampleId :

4DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE08212
Data File : FE055423.D
Signal(s) : FID1B.ch
Acq On : 21 Aug 2025 11:42
Sample : Q2868-06DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Reviewed By :Yogesh Patel 08/22/2025
Supervised By :mohammad ahmed 08/25/2025

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	2.845	2.805	2.903	BV	179	4626	0.08%	0.005%
2	2.915	2.903	2.939	VV	111	1527	0.03%	0.002%
3	2.967	2.939	2.995	VV	101	1979	0.03%	0.002%
4	3.007	2.995	3.016	VV	112	638	0.01%	0.001%
5	3.052	3.016	3.079	PV	534	6616	0.11%	0.008%
6	3.089	3.079	3.104	VV	100	1140	0.02%	0.001%
7	3.115	3.104	3.122	VV	92	835	0.01%	0.001%
8	3.129	3.122	3.145	VV	138	958	0.02%	0.001%
9	3.151	3.145	3.168	VV	54	704	0.01%	0.001%
10	3.221	3.168	3.235	VV	144	2406	0.04%	0.003%
11	3.238	3.235	3.258	VV	75	553	0.01%	0.001%
12	3.348	3.258	3.375	VV	156	5254	0.09%	0.006%
13	3.441	3.375	3.518	VV	132	6128	0.10%	0.007%
14	3.560	3.518	3.585	VV	174	3760	0.06%	0.004%
15	3.632	3.585	3.648	VV	136	3550	0.06%	0.004%
16	3.665	3.648	3.680	VV	71	870	0.01%	0.001%
17	3.690	3.680	3.701	PV	98	787	0.01%	0.001%
18	3.737	3.701	3.757	VV	128	2408	0.04%	0.003%
19	3.766	3.757	3.792	VV	130	1327	0.02%	0.002%
20	3.836	3.792	3.845	VV	125	2268	0.04%	0.003%
21	3.891	3.845	3.922	VV	529	9651	0.16%	0.011%
22	3.930	3.922	3.961	VV	91	1888	0.03%	0.002%
23	4.006	3.961	4.039	VV	492	7302	0.12%	0.008%
24	4.065	4.039	4.095	VV	131	2670	0.05%	0.003%
25	4.215	4.095	4.268	VV	265	11063	0.19%	0.013%
26	4.284	4.268	4.308	VV	122	2227	0.04%	0.003%
27	4.328	4.308	4.358	VV	137	2731	0.05%	0.003%
28	4.378	4.358	4.404	VV	388	6440	0.11%	0.007%
29	4.420	4.404	4.507	VV	240	9142	0.16%	0.011%
30	4.516	4.507	4.525	VV	194	1520	0.03%	0.002%
31	4.539	4.525	4.565	VV	171	3120	0.05%	0.004%
32	4.576	4.565	4.632	VV	156	4764	0.08%	0.005%
33	4.663	4.632	4.764	VV	153	8134	0.14%	0.009%
34	4.792	4.764	4.808	PV	166	2840	0.05%	0.003%
35	4.815	4.808	4.861	VV	129	2671	0.05%	0.003%
36	4.911	4.861	4.951	VV	906	13418	0.23%	0.015%

					retention			
37	4.970	4.951	4.989	VV	203	3340	0.06%	0.004%
38	5.021	4.989	5.036	VV	147	3237		
39	5.058	5.036	5.142	VV	316	11173		
40	5.169	5.142	5.181	VV	222	4339		
41	5.193	5.181	5.205	VV	251	2905		
42	5.215	5.205	5.228	VV	207	2523		
43	5.234	5.228	5.278	VV	234	3889	0.07%	0.004%
44	5.304	5.278	5.351	VV	278	7151	0.12%	0.008%
45	5.448	5.351	5.458	VV	185	7595	0.13%	0.009%
46	5.465	5.458	5.515	VV	146	1847	0.03%	0.002%
47	5.522	5.515	5.548	VV	72	882	0.01%	0.001%
48	5.566	5.548	5.599	PV	184	3390	0.06%	0.004%
49	5.627	5.599	5.680	VV	162	4485	0.08%	0.005%
50	5.693	5.680	5.741	VV	172	2680	0.05%	0.003%
51	5.759	5.741	5.808	VV	159	4028	0.07%	0.005%
52	5.816	5.808	5.861	VV	146	3825	0.06%	0.004%
53	5.868	5.861	5.926	VV	222	4450	0.08%	0.005%
54	5.938	5.926	5.983	VV	94	3106	0.05%	0.004%
55	5.992	5.983	5.998	VV	118	766	0.01%	0.001%
56	6.011	5.998	6.050	VV	154	2534	0.04%	0.003%
57	6.096	6.050	6.121	PV	385	7901	0.13%	0.009%
58	6.136	6.121	6.178	VV	451	7404	0.13%	0.009%
59	6.203	6.178	6.214	VV	116	1911	0.03%	0.002%
60	6.228	6.214	6.251	VV	102	1518	0.03%	0.002%
61	6.286	6.251	6.317	VV	834	11459	0.19%	0.013%
62	6.338	6.317	6.348	VV	481	6541	0.11%	0.008%
63	6.357	6.348	6.381	VV	439	6466	0.11%	0.007%
64	6.399	6.381	6.427	VV	2128	24674	0.42%	0.028%
65	6.451	6.427	6.473	VV	773	12329	0.21%	0.014%
66	6.483	6.473	6.551	VV	279	10779	0.18%	0.012%
67	6.554	6.551	6.605	VV	273	4540	0.08%	0.005%
68	6.637	6.605	6.709	VV	288	12885	0.22%	0.015%
69	6.762	6.709	6.785	VV	186	7769	0.13%	0.009%
70	6.799	6.785	6.835	VV	266	6701	0.11%	0.008%
71	6.863	6.835	6.918	VV	333	8972	0.15%	0.010%
72	6.930	6.918	6.971	VV	204	3125	0.05%	0.004%
73	6.987	6.971	7.043	VV	180	3069	0.05%	0.004%
74	7.073	7.043	7.145	PV	226	7271	0.12%	0.008%
75	7.180	7.145	7.223	VV	736	18402	0.31%	0.021%
76	7.243	7.223	7.335	VV	424	16025	0.27%	0.018%
77	7.454	7.335	7.483	VV	732	44181	0.75%	0.051%
78	7.500	7.483	7.531	VV	1099	15946	0.27%	0.018%
79	7.560	7.531	7.621	VV	821	19894	0.34%	0.023%
80	7.640	7.621	7.748	VV	921	23124	0.39%	0.027%
81	7.773	7.748	7.831	VV	320	10944	0.19%	0.013%
82	7.849	7.831	7.933	VV	163	7076	0.12%	0.008%
83	7.986	7.933	8.081	VV	406	14754	0.25%	0.017%
84	8.099	8.081	8.130	PV	311	4511	0.08%	0.005%
85	8.152	8.130	8.173	VV	345	3559	0.06%	0.004%
86	8.243	8.173	8.335	VV	938	32482	0.55%	0.037%
87	8.347	8.335	8.368	VV	250	3647	0.06%	0.004%
88	8.432	8.368	8.455	VV	512	18799	0.32%	0.022%
89	8.515	8.455	8.558	VV	1040	32411	0.55%	0.037%

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90	8.579	8.558	8.595	VV	841	12933	0.22%	0.015%
91	8.622	8.595	8.665	VV	2583	54280		
92	8.680	8.665	8.728	VV	2427	49554		
93	8.743	8.728	8.760	VV	894	12173		
94	8.811	8.760	8.883	VV	43725	552443		
95	8.900	8.883	8.968	VV	1181	20581		
96	9.019	8.968	9.041	VV	347	7487	0.13%	0.009%
97	9.061	9.041	9.091	VV	3155	37218	0.63%	0.043%
98	9.110	9.091	9.131	VV	3229	37864	0.64%	0.044%
99	9.156	9.131	9.206	VV	2886	67599	1.15%	0.078%
100	9.225	9.206	9.239	VV	1412	18684	0.32%	0.021%
101	9.256	9.239	9.295	VV	1598	29721	0.50%	0.034%
102	9.386	9.295	9.465	VV	18760	281435	4.78%	0.324%
103	9.476	9.465	9.501	VV	872	12455	0.21%	0.014%
104	9.524	9.501	9.544	VV	2917	38676	0.66%	0.044%
105	9.565	9.544	9.605	VV	3568	49291	0.84%	0.057%
106	9.622	9.605	9.645	VV	1095	14676	0.25%	0.017%
107	9.681	9.645	9.698	VV	3651	53081	0.90%	0.061%
108	9.713	9.698	9.737	VV	3847	42738	0.73%	0.049%
109	9.767	9.737	9.791	VV	5444	71140	1.21%	0.082%
110	9.819	9.791	9.840	VV	3974	56142	0.95%	0.065%
111	9.862	9.840	9.881	VV	4707	53950	0.92%	0.062%
112	9.903	9.881	9.958	VV	19921	268639	4.56%	0.309%
113	9.984	9.958	10.018	VV	4695	81168	1.38%	0.093%
114	10.052	10.018	10.098	VV	3941	85988	1.46%	0.099%
115	10.115	10.098	10.151	VV	2327	41121	0.70%	0.047%
116	10.178	10.151	10.205	VV	5676	90919	1.54%	0.105%
117	10.227	10.205	10.256	VV	12286	147563	2.51%	0.170%
118	10.274	10.256	10.294	VV	1885	33723	0.57%	0.039%
119	10.329	10.294	10.371	VV	17194	256944	4.36%	0.296%
120	10.392	10.371	10.445	VV	3598	60344	1.02%	0.069%
121	10.491	10.445	10.551	VV	1464	45166	0.77%	0.052%
122	10.604	10.551	10.631	PV	529	13995	0.24%	0.016%
123	10.655	10.631	10.721	VV	2594	56951	0.97%	0.065%
124	10.791	10.721	10.815	VV	8565	205876	3.50%	0.237%
125	10.834	10.815	10.866	VV	4286	63828	1.08%	0.073%
126	10.911	10.866	10.941	VV	5500	111494	1.89%	0.128%
127	10.965	10.941	11.015	VV	66420	731766	12.43%	0.842%
128	11.117	11.015	11.153	VV	25148	564139	9.58%	0.649%
129	11.215	11.153	11.268	VV	7783	185472	3.15%	0.213%
130	11.322	11.268	11.363	VV	478111	5365735	91.14%	6.171%
131	11.395	11.363	11.498	VV	139471	1720356	29.22%	1.979%
132	11.521	11.498	11.545	VV	2242	36001	0.61%	0.041%
133	11.565	11.545	11.585	VV	8643	99282	1.69%	0.114%
134	11.606	11.585	11.655	VV	55832	627237	10.65%	0.721%
135	11.725	11.655	11.785	VV	4347	152674	2.59%	0.176%
136	11.838	11.785	11.892	VV	11621	390423	6.63%	0.449%
137	11.922	11.892	11.947	VV	8646	135491	2.30%	0.156%
138	12.012	11.947	12.051	VV	8582	261052	4.43%	0.300%
139	12.083	12.051	12.105	VV	54986	619681	10.53%	0.713%
140	12.126	12.105	12.140	VV	42545	493355	8.38%	0.567%
141	12.157	12.140	12.198	VV	59406	675390	11.47%	0.777%

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142	12.240	12.198	12.288	VV	31952	914301	15.53%	1.052%	
143	12.306	12.288	12.363	VV	36517	505263			
144	12.384	12.363	12.411	VV	6477	101978			
145	12.445	12.411	12.461	VV	4957	86175			
146	12.486	12.461	12.541	VV	32512	443978			
147	12.596	12.541	12.688	VV	33340	552485			
148	12.768	12.688	12.818	VV	11817	274011	4.65%	0.315%	
149	12.871	12.818	12.901	VV	6357	178742	3.04%	0.206%	
150	12.922	12.901	12.958	VV	11302	208243	3.54%	0.239%	
151	12.985	12.958	13.012	VV	42236	528603	8.98%	0.608%	
152	13.033	13.012	13.051	VV	20755	278540	4.73%	0.320%	
153	13.068	13.051	13.118	VV	13483	393695	6.69%	0.453%	
154	13.154	13.118	13.198	VV	522709	5887594	100.00%	6.771%	
155	13.212	13.198	13.231	VV	6565	73470	1.25%	0.084%	
156	13.289	13.231	13.321	VV	68079	934886	15.88%	1.075%	
157	13.341	13.321	13.425	VV	19356	584504	9.93%	0.672%	
158	13.455	13.425	13.488	VV	419685	4601284	78.15%	5.292%	
159	13.529	13.488	13.571	VV	49799	1210536	20.56%	1.392%	
160	13.649	13.571	13.675	VV	16948	427264	7.26%	0.491%	
161	13.717	13.675	13.763	VV	23608	370387	6.29%	0.426%	
162	13.790	13.763	13.811	VV	12759	199105	3.38%	0.229%	
163	13.849	13.811	13.888	VV	12804	279084	4.74%	0.321%	
164	13.911	13.888	13.978	VV	24391	406260	6.90%	0.467%	
165	14.041	13.978	14.082	VV	35457	762650	12.95%	0.877%	
166	14.106	14.082	14.128	VV	7694	129869	2.21%	0.149%	
167	14.150	14.128	14.168	VV	14315	200074	3.40%	0.230%	
168	14.190	14.168	14.245	VV	25516	403339	6.85%	0.464%	
169	14.284	14.245	14.305	VV	10639	268557	4.56%	0.309%	
170	14.321	14.305	14.341	VV	18972	270904	4.60%	0.312%	
171	14.361	14.341	14.399	VV	21441	302896	5.14%	0.348%	
172	14.435	14.399	14.455	VV	7474	135006	2.29%	0.155%	
173	14.473	14.455	14.498	VV	5455	99970	1.70%	0.115%	
174	14.540	14.498	14.558	VV	5282	127241	2.16%	0.146%	
175	14.571	14.558	14.650	VV	4654	111153	1.89%	0.128%	
176	14.781	14.650	14.813	PV	44705	711343	12.08%	0.818%	
177	14.842	14.813	14.858	VV	3657	73306	1.25%	0.084%	
178	14.881	14.858	14.918	VV	4992	97198	1.65%	0.112%	
179	14.955	14.918	14.998	VV	25582	576555	9.79%	0.663%	
180	15.023	14.998	15.048	VV	46260	685877	11.65%	0.789%	
181	15.084	15.048	15.121	VV	49385	845241	14.36%	0.972%	
182	15.208	15.121	15.245	VV	12249	350955	5.96%	0.404%	
183	15.292	15.245	15.311	VV	38507	493144	8.38%	0.567%	
184	15.338	15.311	15.360	VV	201898	2465753	41.88%	2.836%	
185	15.380	15.360	15.451	VV	180581	2183155	37.08%	2.511%	
186	15.497	15.451	15.545	VV	49738	853597	14.50%	0.982%	
187	15.575	15.545	15.608	VV	15763	250855	4.26%	0.288%	
188	15.638	15.608	15.662	PV	19429	284502	4.83%	0.327%	
189	15.686	15.662	15.734	VV	16546	337358	5.73%	0.388%	
190	15.781	15.734	15.805	VV	12035	227793	3.87%	0.262%	
191	15.821	15.805	15.845	VV	6960	102644	1.74%	0.118%	
192	15.878	15.845	15.899	VV	3754	80062	1.36%	0.092%	
193	15.922	15.899	15.948	VV	3752	69479	1.18%	0.080%	
194	15.973	15.948	15.986	VV	9674	150318	2.55%	0.173%	

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195	16.011	15.986	16.034	VV	32610	457613	7.77%	0.526%
196	16.050	16.034	16.107	VV	14280	263323		
197	16.165	16.107	16.208	VV	15890	510007		
198	16.250	16.208	16.303	VV	8179	176237		
199	16.334	16.303	16.351	VV	7525	108401		
200	16.372	16.351	16.393	VV	8520	139923		
201	16.440	16.393	16.511	VV	12811	330987	5.62%	0.381%
202	16.569	16.511	16.588	VV	2161	45909	0.78%	0.053%
203	16.634	16.588	16.666	PV	12861	222766	3.78%	0.256%
204	16.688	16.666	16.727	VV	11171	178372	3.03%	0.205%
205	16.749	16.727	16.778	VV	5457	122578	2.08%	0.141%
206	16.835	16.778	16.861	VV	17781	417958	7.10%	0.481%
207	16.907	16.861	16.991	VV	187162	3831158	65.07%	4.406%
208	17.035	16.991	17.111	VV	46730	853022	14.49%	0.981%
209	17.229	17.111	17.257	VV	124372	2212163	37.57%	2.544%
210	17.288	17.257	17.328	VV	170002	2261538	38.41%	2.601%
211	17.387	17.328	17.415	VV	51628	937616	15.93%	1.078%
212	17.436	17.415	17.468	VV	11745	223067	3.79%	0.257%
213	17.527	17.468	17.568	VV	11277	424693	7.21%	0.488%
214	17.587	17.568	17.608	VV	6445	103121	1.75%	0.119%
215	17.653	17.608	17.721	VV	14224	491070	8.34%	0.565%
216	17.810	17.721	17.848	VV	42072	902797	15.33%	1.038%
217	17.873	17.848	17.920	VV	10015	288066	4.89%	0.331%
218	17.946	17.920	18.023	VV	11832	378002	6.42%	0.435%
219	18.072	18.023	18.111	VV	6305	230450	3.91%	0.265%
220	18.138	18.111	18.167	VV	3352	95037	1.61%	0.109%
221	18.249	18.167	18.297	VV	70619	1416667	24.06%	1.629%
222	18.344	18.297	18.362	VV	11683	365195	6.20%	0.420%
223	18.385	18.362	18.403	VV	15807	282155	4.79%	0.324%
224	18.428	18.403	18.489	VV	19650	708035	12.03%	0.814%
225	18.514	18.489	18.537	VV	18143	369466	6.28%	0.425%
226	18.569	18.537	18.626	VV	40095	987407	16.77%	1.136%
227	18.667	18.626	18.726	VV	196745	3753845	63.76%	4.317%
228	18.741	18.726	18.768	VV	22272	429341	7.29%	0.494%
229	18.793	18.768	18.808	VV	39192	632991	10.75%	0.728%
230	18.826	18.808	18.888	VV	40911	1128001	19.16%	1.297%
231	18.920	18.888	18.961	VV	117896	1939246	32.94%	2.230%
232	19.001	18.961	19.028	VV	23566	749978	12.74%	0.863%
233	19.083	19.028	19.121	VV	152542	2995977	50.89%	3.446%
234	19.145	19.121	19.198	VV	15858	635899	10.80%	0.731%
235	19.226	19.198	19.271	VV	16892	653141	11.09%	0.751%
236	19.343	19.271	19.366	VV	26473	1047058	17.78%	1.204%
237	19.386	19.366	19.411	VV	21112	496438	8.43%	0.571%
238	19.482	19.411	19.539	VV	153049	3240902	55.05%	3.727%
Sum of corrected areas:							86951822	

Instrument :

FID_E

ClientSampleId :

4DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2025

Supervised By :mohammad ahmed 08/25/2025

Aliphatic EPH 080125.M Fri Aug 22 04:34:49 2025