

nteres

Instrument :  
FID\_E  
ClientSampleId :  
CHRT-24849DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/17/2025  
Supervised By :mohammad ahmed 07/18/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE07162  
Data File : FE054868.D  
Signal (s) : FID1B.ch  
Acq On : 16 Jul 2025 07:50  
Sample : Q2595-01DL 50X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.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	2.898	BV	29	1461	0.08%	0.002%
2	2.909	2.898	2.980	PV	75	1746	0.09%	0.003%
3	2.989	2.980	3.124	PV	113	4022	0.21%	0.006%
4	3.130	3.124	3.144	PV	15	166	0.01%	0.000%
5	3.148	3.144	3.191	VV	159	1575	0.08%	0.002%
6	3.198	3.191	3.254	VV	99	1369	0.07%	0.002%
7	3.263	3.254	3.355	VV	100	3934	0.20%	0.006%
8	3.363	3.355	3.388	PV	78	698	0.04%	0.001%
9	3.411	3.388	3.420	PV	99	1295	0.07%	0.002%
10	3.429	3.420	3.526	VV	136	3871	0.20%	0.006%
11	3.533	3.526	3.542	VV	70	536	0.03%	0.001%
12	3.571	3.542	3.651	VV	141	4902	0.25%	0.007%
13	3.678	3.651	3.686	VV	126	1828	0.10%	0.003%
14	3.695	3.686	3.711	VV	103	1127	0.06%	0.002%
15	3.731	3.711	3.748	PV	98	1269	0.07%	0.002%
16	3.779	3.748	3.809	VV	194	3592	0.19%	0.005%
17	3.821	3.809	3.835	VV	153	1562	0.08%	0.002%
18	3.841	3.835	3.851	VV	112	925	0.05%	0.001%
19	3.862	3.851	3.874	VV	121	1393	0.07%	0.002%
20	3.881	3.874	3.887	VV	136	813	0.04%	0.001%
21	3.900	3.887	4.008	VV	272	7011	0.36%	0.010%
22	4.015	4.008	4.081	VV	159	3115	0.16%	0.005%
23	4.090	4.081	4.141	PV	109	2730	0.14%	0.004%
24	4.153	4.141	4.177	VV	123	1621	0.08%	0.002%
25	4.188	4.177	4.221	VV	135	1966	0.10%	0.003%
26	4.242	4.221	4.262	VV	137	2813	0.15%	0.004%
27	4.271	4.262	4.318	VV	104	2276	0.12%	0.003%
28	4.338	4.318	4.372	VV	152	2290	0.12%	0.003%
29	4.408	4.372	4.443	VV	136	4080	0.21%	0.006%
30	4.458	4.443	4.478	VV	137	2396	0.12%	0.004%
31	4.487	4.478	4.514	VV	160	3040	0.16%	0.004%
32	4.520	4.514	4.568	VV	164	3691	0.19%	0.005%
33	4.576	4.568	4.614	VV	95	2403	0.12%	0.004%
34	4.639	4.614	4.674	VV	173	4070	0.21%	0.006%
35	4.684	4.674	4.751	VV	170	5433	0.28%	0.008%
36	4.757	4.751	4.784	VV	143	1950	0.10%	0.003%

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37	4. 803	4. 784	4. 816	VV	149	1884	0. 10%	0. 003%
38	4. 852	4. 816	4. 881	PV	105	2471		
39	4. 912	4. 881	4. 951	VV	157	4733		
40	4. 954	4. 951	4. 968	VV	160	1059		
41	4. 983	4. 968	5. 031	VV	170	4063		
42	5. 087	5. 031	5. 117	VV	197	6589		
43	5. 127	5. 117	5. 161	VV	188	2877	0. 15%	0. 004%
44	5. 170	5. 161	5. 179	VV	119	674	0. 04%	0. 001%
45	5. 207	5. 179	5. 238	VV	178	2350	0. 12%	0. 003%
46	5. 260	5. 238	5. 289	PV	124	2534	0. 13%	0. 004%
47	5. 304	5. 289	5. 317	VV	113	1157	0. 06%	0. 002%
48	5. 397	5. 317	5. 434	VV	175	5568	0. 29%	0. 008%
49	5. 448	5. 434	5. 471	VV	161	1832	0. 10%	0. 003%
50	5. 481	5. 471	5. 494	VV	171	1430	0. 07%	0. 002%
51	5. 521	5. 494	5. 574	VV	112	2990	0. 16%	0. 004%
52	5. 598	5. 574	5. 611	VV	161	1682	0. 09%	0. 002%
53	5. 630	5. 611	5. 654	VV	154	2691	0. 14%	0. 004%
54	5. 672	5. 654	5. 687	VV	119	1908	0. 10%	0. 003%
55	5. 704	5. 687	5. 729	VV	234	2983	0. 16%	0. 004%
56	5. 821	5. 729	5. 838	PV	205	6231	0. 32%	0. 009%
57	5. 851	5. 838	5. 865	VV	176	2086	0. 11%	0. 003%
58	5. 885	5. 865	5. 969	VV	331	6570	0. 34%	0. 010%
59	6. 021	5. 969	6. 065	VV	298	6419	0. 33%	0. 009%
60	6. 088	6. 065	6. 112	VV	130	2587	0. 13%	0. 004%
61	6. 130	6. 112	6. 174	VV	104	3212	0. 17%	0. 005%
62	6. 184	6. 174	6. 254	VV	129	2999	0. 16%	0. 004%
63	6. 267	6. 254	6. 294	VV	143	1228	0. 06%	0. 002%
64	6. 298	6. 294	6. 321	VV	85	684	0. 04%	0. 001%
65	6. 370	6. 321	6. 389	PV	295	5082	0. 26%	0. 007%
66	6. 408	6. 389	6. 421	VV	178	1831	0. 10%	0. 003%
67	6. 450	6. 421	6. 489	PV	142	3629	0. 19%	0. 005%
68	6. 511	6. 489	6. 535	VV	322	4676	0. 24%	0. 007%
69	6. 562	6. 535	6. 594	VV	309	6237	0. 32%	0. 009%
70	6. 601	6. 594	6. 634	VV	198	3445	0. 18%	0. 005%
71	6. 661	6. 634	6. 681	VV	271	5041	0. 26%	0. 007%
72	6. 696	6. 681	6. 723	VV	367	5021	0. 26%	0. 007%
73	6. 745	6. 723	6. 771	VV	333	5579	0. 29%	0. 008%
74	6. 815	6. 771	6. 871	VV	381	10650	0. 55%	0. 016%
75	6. 879	6. 871	6. 891	VV	111	894	0. 05%	0. 001%
76	6. 912	6. 891	6. 941	VV	273	3690	0. 19%	0. 005%
77	6. 958	6. 941	6. 985	VV	294	4724	0. 25%	0. 007%
78	7. 037	6. 985	7. 051	VV	310	9474	0. 49%	0. 014%
79	7. 067	7. 051	7. 092	VV	433	6652	0. 35%	0. 010%
80	7. 120	7. 092	7. 174	PV	401	10153	0. 53%	0. 015%
81	7. 208	7. 174	7. 254	VV	548	13408	0. 70%	0. 020%
82	7. 273	7. 254	7. 291	VV	320	5058	0. 26%	0. 007%
83	7. 342	7. 291	7. 359	VV	531	10795	0. 56%	0. 016%
84	7. 375	7. 359	7. 391	VV	549	7243	0. 38%	0. 011%
85	7. 404	7. 391	7. 417	VV	466	5518	0. 29%	0. 008%
86	7. 440	7. 417	7. 468	VV	682	13292	0. 69%	0. 020%
87	7. 499	7. 468	7. 521	VV	489	10356	0. 54%	0. 015%
88	7. 538	7. 521	7. 558	VV	673	9806	0. 51%	0. 014%
89	7. 587	7. 558	7. 630	VV	665	18857	0. 98%	0. 028%

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90	7.642	7.630	7.657	VV	300	2998	0.16%	0.004%
91	7.691	7.657	7.703	VV	739	10946		
92	7.719	7.703	7.754	VV	605	12280		
93	7.772	7.754	7.791	VV	636	11469		
94	7.797	7.791	7.815	VV	661	7830		
95	7.829	7.815	7.844	VV	612	8430		
96	7.859	7.844	7.871	VV	491	6879	0.36%	0.010%
97	7.901	7.871	7.920	VV	590	15008	0.78%	0.022%
98	7.946	7.920	7.957	VV	630	11290	0.59%	0.017%
99	7.991	7.957	8.024	VV	1174	34710	1.80%	0.051%
100	8.034	8.024	8.060	VV	622	10786	0.56%	0.016%
101	8.081	8.060	8.090	VV	1001	13016	0.68%	0.019%
102	8.205	8.188	8.228	VV	1245	23151	1.20%	0.034%
103	8.257	8.228	8.288	VV	2538	58087	3.02%	0.085%
104	8.304	8.288	8.324	VV	1747	31296	1.63%	0.046%
105	8.400	8.324	8.417	VV	2397	91580	4.76%	0.135%
106	8.438	8.417	8.481	VV	4850	105120	5.47%	0.155%
107	8.507	8.481	8.529	VV	3093	72404	3.76%	0.107%
108	8.547	8.529	8.559	VV	2842	46761	2.43%	0.069%
109	8.588	8.559	8.614	VV	4346	116472	6.06%	0.171%
110	8.627	8.614	8.660	VV	3809	88099	4.58%	0.130%
111	8.694	8.660	8.729	VV	3727	138659	7.21%	0.204%
112	8.741	8.729	8.759	VV	3531	58093	3.02%	0.085%
113	8.788	8.759	8.821	VV	3983	128481	6.68%	0.189%
114	8.868	8.821	8.902	VV	13031	292414	15.20%	0.430%
115	8.921	8.902	8.935	VV	4482	79195	4.12%	0.117%
116	8.968	8.935	8.988	VV	6135	165583	8.61%	0.244%
117	9.014	8.988	9.034	VV	12356	204862	10.65%	0.301%
118	9.056	9.034	9.075	VV	6135	131412	6.83%	0.193%
119	9.134	9.122	9.148	VV	6007	86865	4.52%	0.128%
120	9.167	9.148	9.190	VV	18501	280038	14.56%	0.412%
121	9.234	9.190	9.261	VV	15505	399876	20.79%	0.588%
122	9.277	9.261	9.298	VV	6657	139663	7.26%	0.206%
123	9.341	9.298	9.349	VV	8376	233932	12.16%	0.344%
124	9.387	9.349	9.422	VV	10872	395983	20.59%	0.583%
125	9.456	9.422	9.489	VV	12473	384691	20.00%	0.566%
126	9.505	9.489	9.513	VV	9127	125032	6.50%	0.184%
127	9.524	9.513	9.541	VV	9502	150634	7.83%	0.222%
128	9.574	9.541	9.591	VV	9104	252966	13.15%	0.372%
129	9.615	9.591	9.648	VV	10124	308443	16.04%	0.454%
130	9.685	9.648	9.707	VV	9507	316184	16.44%	0.465%
131	9.748	9.707	9.800	VV	10998	545449	28.36%	0.803%
132	9.852	9.800	9.876	VV	13785	533193	27.72%	0.785%
133	9.932	9.876	9.964	VV	26216	802432	41.72%	1.181%
134	9.986	9.964	10.002	VV	14997	299355	15.56%	0.441%
135	10.014	10.002	10.047	VV	14056	352622	18.33%	0.519%
136	10.159	10.147	10.173	VV	13239	204887	10.65%	0.301%
137	10.223	10.201	10.244	VV	14249	348726	18.13%	0.513%
138	10.287	10.244	10.302	VV	16161	517559	26.91%	0.762%
139	10.491	10.461	10.519	VV	18054	573150	29.80%	0.843%
140	10.592	10.578	10.612	VV	18560	357127	18.57%	0.526%
141	10.660	10.612	10.675	VV	19620	694490	36.11%	1.022%

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0.16% 0.004%

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142	10.704	10.675	10.730	VV	27547	742688	38.61%	1.093%	
143	10.766	10.730	10.780	VV	22160	649825	33.02%	1.076%	
144	10.793	10.780	10.821	VV	22624	523465	27.02%	1.076%	
145	10.985	10.917	11.016	VV	24739	1366193	71.02%	1.058%	
146	11.057	11.016	11.069	VV	26799	778263	40.02%	1.058%	
147	11.083	11.069	11.098	VV	27276	449108	23.02%	1.058%	
148	11.128	11.098	11.158	VV	38150	1125168	58.50%	1.656%	
149	11.309	11.280	11.323	VV	29456	731361	38.02%	1.076%	
150	11.339	11.323	11.366	VV	29486	718958	37.38%	1.058%	
151	11.390	11.366	11.405	VV	29519	675749	35.13%	0.994%	
152	11.490	11.485	11.517	VV	30456	565030	29.38%	0.831%	
153	11.542	11.517	11.574	VV	34865	1088758	56.60%	1.602%	
154	11.656	11.645	11.681	VV	32496	676802	35.19%	0.996%	
155	11.708	11.681	11.718	VV	33783	720927	37.48%	1.061%	
156	11.750	11.718	11.782	VV	35356	1308192	68.01%	1.925%	
157	11.852	11.808	11.891	VV	42868	1775443	92.30%	2.613%	
158	11.913	11.891	11.941	VV	33305	977609	50.82%	1.439%	
159	11.971	11.941	11.988	VV	33121	910076	47.31%	1.339%	
160	12.008	11.988	12.028	VV	33870	789248	41.03%	1.161%	
161	12.086	12.028	12.113	VV	52611	1923501	100.00%	2.830%	
162	12.140	12.113	12.196	VV	36475	1719687	89.40%	2.531%	
163	12.237	12.196	12.255	VV	37432	1248851	64.93%	1.838%	
164	12.279	12.255	12.299	VV	38531	955295	49.66%	1.406%	
165	12.315	12.299	12.332	VV	36487	718880	37.37%	1.058%	
166	12.346	12.332	12.368	VV	35428	731476	38.03%	1.076%	
167	12.412	12.368	12.441	VV	39458	1602338	83.30%	2.358%	
168	12.450	12.441	12.488	VV	35252	929526	48.32%	1.368%	
169	12.510	12.488	12.533	VV	33599	893944	46.47%	1.315%	
170	12.560	12.533	12.618	VV	34892	1688696	87.79%	2.485%	
171	12.641	12.618	12.654	VV	32987	691722	35.96%	1.018%	
172	12.666	12.654	12.688	VV	32642	652046	33.90%	0.959%	
173	12.699	12.688	12.721	VV	32589	638793	33.21%	0.940%	
174	12.748	12.721	12.807	VV	32821	1634668	84.98%	2.405%	
175	12.871	12.864	12.892	VV	31613	501655	26.08%	0.738%	
176	12.996	12.978	13.020	VV	30772	759699	39.50%	1.118%	
177	13.033	13.020	13.061	VV	29935	715316	37.19%	1.053%	
178	13.076	13.061	13.117	VV	31088	958982	49.86%	1.411%	
179	13.195	13.158	13.204	VV	27928	766682	39.86%	1.128%	
180	13.211	13.204	13.258	VV	27630	836970	43.51%	1.232%	
181	13.270	13.258	13.288	VV	25814	453643	23.58%	0.668%	
182	13.352	13.333	13.380	VV	24866	685375	35.63%	1.009%	
183	13.404	13.380	13.425	VV	25064	663125	34.47%	0.976%	
184	13.440	13.425	13.481	VV	24918	791642	41.16%	1.165%	
185	13.522	13.481	13.554	VV	36731	1186335	61.68%	1.746%	
186	13.575	13.554	13.618	VV	24352	892657	46.41%	1.314%	
187	13.660	13.654	13.674	VV	21720	255641	13.29%	0.376%	
188	13.741	13.722	13.768	VV	21091	565064	29.38%	0.831%	
189	13.778	13.768	13.806	VV	20198	454561	23.63%	0.669%	
190	13.821	13.806	13.852	VV	19991	540691	28.11%	0.796%	
191	13.867	13.852	13.884	VV	19938	376986	19.60%	0.555%	
192	13.918	13.884	13.954	VV	20160	802984	41.75%	1.182%	
193	13.961	13.954	13.984	VV	19066	336682	17.50%	0.495%	
194	14.124	14.058	14.171	VV	17512	1153896	59.99%	1.698%	

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	rt		ret	type	area	intensity	area%	intensity%
195	14.270	14.248	14.322	VV	15758	661173	34.37%	0.973%
196	14.340	14.322	14.382	VV	14763	508152	26.87%	0.973%
197	14.425	14.382	14.480	VV	14086	794450	41.21%	0.973%
198	14.512	14.480	14.541	VV	13924	483902	25.52%	0.973%
199	14.575	14.541	14.638	VV	13145	708066	36.91%	0.973%
200	14.670	14.638	14.726	VV	11748	587287	30.91%	0.973%
201	14.748	14.726	14.776	VV	10932	318769	16.57%	0.469%
202	14.798	14.776	14.824	VV	10273	286036	14.87%	0.421%
203	14.838	14.824	14.870	VV	9906	258376	13.43%	0.380%
204	14.886	14.870	14.897	VV	9486	150996	7.85%	0.222%
205	14.914	14.897	14.953	VV	9528	309031	16.07%	0.455%
206	14.977	14.953	15.070	VV	9534	587897	30.56%	0.865%
207	15.090	15.070	15.168	VV	7930	435575	22.64%	0.641%
208	15.193	15.168	15.234	VV	6966	263442	13.70%	0.388%
209	15.245	15.234	15.259	VV	6226	91467	4.76%	0.135%
210	15.281	15.259	15.308	VV	6282	174699	9.08%	0.257%
211	15.317	15.308	15.351	VV	6071	149318	7.76%	0.220%
212	15.375	15.351	15.414	VV	6244	215639	11.21%	0.317%
213	15.427	15.414	15.506	VV	5619	276930	14.40%	0.408%
214	15.530	15.506	15.583	VV	5848	211585	11.00%	0.311%
215	15.594	15.583	15.628	VV	4022	103387	5.37%	0.152%
216	15.642	15.628	15.694	VV	4019	145408	7.56%	0.214%
217	15.723	15.694	15.744	VV	3502	97823	5.09%	0.144%
218	15.765	15.744	15.851	VV	3563	195757	10.18%	0.288%
219	15.864	15.851	15.878	VV	2999	45445	2.36%	0.067%
220	15.923	15.878	16.025	VV	3931	234326	12.18%	0.345%
221	16.054	16.025	16.101	VV	1949	78642	4.09%	0.116%
222	16.185	16.101	16.202	VV	1595	90357	4.70%	0.133%
223	16.221	16.202	16.271	VV	1767	61679	3.21%	0.091%
224	16.280	16.271	16.331	VV	1264	40893	2.13%	0.060%
225	16.367	16.331	16.391	VV	1272	37935	1.97%	0.056%
226	16.407	16.391	16.427	VV	1543	27160	1.41%	0.040%
227	16.438	16.427	16.489	VV	1114	31563	1.64%	0.046%
228	16.516	16.489	16.551	VV	760	21730	1.13%	0.032%
229	16.562	16.551	16.598	VV	573	14200	0.74%	0.021%
230	16.624	16.598	16.679	VV	856	24268	1.26%	0.036%
231	16.715	16.679	16.761	VV	693	21856	1.14%	0.032%
232	16.782	16.761	16.844	VV	590	15992	0.83%	0.024%
233	16.891	16.844	16.944	VV	1612	32068	1.67%	0.047%
234	16.973	16.944	16.988	PV	317	4744	0.25%	0.007%
235	17.088	16.988	17.131	VV	1102	28839	1.50%	0.042%
236	17.142	17.131	17.164	VV	251	2872	0.15%	0.004%
237	17.172	17.164	17.194	VV	194	2577	0.13%	0.004%
238	17.217	17.194	17.228	VV	388	5445	0.28%	0.008%
239	17.240	17.228	17.258	VV	295	4012	0.21%	0.006%
240	17.270	17.258	17.303	VV	269	2655	0.14%	0.004%
241	17.358	17.303	17.381	PV	2071	34136	1.77%	0.050%
242	17.397	17.381	17.454	VV	526	11724	0.61%	0.017%
243	17.476	17.454	17.498	VV	326	5029	0.26%	0.007%
244	17.508	17.498	17.530	VV	268	3489	0.18%	0.005%
245	17.622	17.530	17.654	VV	685	28260	1.47%	0.042%
246	17.691	17.654	17.708	VV	675	13228	0.69%	0.019%

Manual Integrations APPROVED  
 Reviewed By :Yogesh Patel 07/17/2025  
 Supervised By :mohammad ahmed 07/18/2025

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247	17.808	17.708	17.844	VV	3456	83876	4.36%	0.123%
248	17.856	17.844	17.876	VV	529	7023		
249	17.897	17.876	17.920	VV	478	9983		
250	17.938	17.920	17.973	VV	629	11814		
251	17.997	17.973	18.009	VV	271	3401		
252	18.034	18.009	18.074	VV	276	5928		
253	18.096	18.074	18.146	PV	243	6277	0.33%	0.009%
254	18.166	18.146	18.191	VV	358	7472	0.39%	0.011%
255	18.247	18.191	18.291	VV	4632	79952	4.16%	0.118%
256	18.339	18.291	18.368	VV	658	20858	1.08%	0.031%
257	18.414	18.368	18.431	VV	1305	30839	1.60%	0.045%
258	18.440	18.431	18.478	VV	1004	20722	1.08%	0.030%
259	18.512	18.478	18.531	VV	798	19876	1.03%	0.029%
260	18.618	18.531	18.632	VV	1338	55699	2.90%	0.082%
261	18.671	18.632	18.718	VV	5118	109020	5.67%	0.160%
262	18.779	18.718	18.801	VV	1917	63876	3.32%	0.094%
263	18.812	18.801	18.834	VV	1201	22953	1.19%	0.034%
264	18.899	18.834	18.918	VV	1601	63757	3.31%	0.094%
265	18.941	18.918	18.956	VV	1768	36702	1.91%	0.054%
266	18.984	18.956	19.003	VV	1698	44912	2.33%	0.066%
267	19.082	19.003	19.121	VV	6589	194205	10.10%	0.286%
268	19.208	19.121	19.231	VV	2788	154362	8.03%	0.227%
269	19.257	19.231	19.274	VV	2973	71376	3.71%	0.105%
270	19.389	19.274	19.401	VV	3773	245220	12.75%	0.361%
271	19.478	19.401	19.514	VV	7932	336195	17.48%	0.495%
272	19.628	19.514	19.639	VV	5680	376128	19.55%	0.553%
Sum of corrected areas:						67957762		

Instrument :  
FID\_E  
ClientSampleId :  
CHRT-24849DL

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