

Instrument :

FID_E

ClientSampleId :

TP-3-EPHDL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06112

Data File : FE054279.D

Signal(s) : FID1B.ch

Acq On : 10 Jun 2025 10:46

Sample : Q2240-02DL 5X

Misc :

ALS Vial : 11 Sample Multiplier: 1

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.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	3.423	3.410	3.441	VV	3560	41877	0.18%	0.006%
2	3.461	3.441	3.477	VV	2306	23102	0.10%	0.003%
3	3.498	3.477	3.538	PV	6901	102374	0.43%	0.014%
4	3.576	3.538	3.607	PV	6664	117692	0.50%	0.016%
5	3.629	3.607	3.672	VV	22285	370202	1.57%	0.050%
6	3.713	3.672	3.743	VV	15413	302381	1.28%	0.041%
7	3.760	3.743	3.794	VV	6762	118371	0.50%	0.016%
8	3.814	3.794	3.843	VV	18071	195998	0.83%	0.027%
9	3.880	3.843	3.894	VV	12696	204040	0.86%	0.028%
10	3.903	3.894	3.929	VV	10943	130092	0.55%	0.018%
11	3.951	3.929	3.981	VV	6842	102962	0.44%	0.014%
12	3.999	3.981	4.023	VV	9895	171910	0.73%	0.023%
13	4.044	4.023	4.064	VV	13988	251683	1.06%	0.034%
14	4.078	4.064	4.106	VV	12796	187626	0.79%	0.025%
15	4.125	4.106	4.135	VV	5127	60609	0.26%	0.008%
16	4.152	4.135	4.162	VV	9219	109919	0.47%	0.015%
17	4.180	4.162	4.193	VV	20330	258584	1.09%	0.035%
18	4.209	4.193	4.232	VV	21944	332879	1.41%	0.045%
19	4.252	4.232	4.293	VV	12074	249756	1.06%	0.034%
20	4.331	4.293	4.357	VV	18704	320190	1.35%	0.043%
21	4.381	4.357	4.406	VV	16387	337472	1.43%	0.046%
22	4.424	4.406	4.448	VV	11877	252303	1.07%	0.034%
23	4.472	4.448	4.489	VV	9708	180836	0.77%	0.025%
24	4.510	4.489	4.556	VV	19072	355691	1.50%	0.048%
25	4.620	4.556	4.633	VV	18589	421973	1.79%	0.057%
26	4.652	4.633	4.709	VV	34013	904993	3.83%	0.123%
27	4.727	4.709	4.738	VV	22028	275552	1.17%	0.037%
28	4.748	4.738	4.765	VV	23372	286237	1.21%	0.039%
29	4.786	4.765	4.822	VV	24875	674887	2.86%	0.092%
30	4.844	4.822	4.856	VV	25570	410389	1.74%	0.056%
31	4.882	4.856	4.895	VV	31792	598940	2.53%	0.081%
32	4.907	4.895	4.929	VV	33634	493025	2.09%	0.067%
33	4.951	4.929	4.992	VV	75610	1244841	5.27%	0.169%
34	5.023	4.992	5.042	VV	19906	490056	2.07%	0.067%
35	5.060	5.042	5.084	VV	27870	460859	1.95%	0.063%
36	5.126	5.084	5.139	VV	27938	624569	2.64%	0.085%

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37	5.151	5.139	5.173	VV	24794	373657	1.58%	0.051%
38	5.231	5.173	5.259	VV	65822	1948881		
39	5.280	5.259	5.302	VV	33971	706898		
40	5.330	5.302	5.343	VV	25369	523228		
41	5.364	5.343	5.378	VV	50829	758822		
42	5.389	5.378	5.399	VV	40727	458334		
43	5.430	5.399	5.450	VV	49251	1264571	5.35%	0.172%
44	5.460	5.450	5.475	VV	47939	618645	2.62%	0.084%
45	5.489	5.475	5.515	VV	43978	910616	3.85%	0.124%
46	5.524	5.515	5.537	VV	33896	404245	1.71%	0.055%
47	5.551	5.537	5.566	VV	38618	507992	2.15%	0.069%
48	5.596	5.566	5.617	VV	139897	2223932	9.41%	0.302%
49	5.629	5.617	5.644	VV	36774	522380	2.21%	0.071%
50	5.665	5.644	5.692	VV	38388	929104	3.93%	0.126%
51	5.714	5.692	5.729	VV	39425	750274	3.17%	0.102%
52	5.765	5.729	5.802	VV	158185	3009631	12.73%	0.409%
53	5.815	5.802	5.834	VV	54336	879509	3.72%	0.119%
54	5.850	5.834	5.863	VV	49767	766721	3.24%	0.104%
55	5.897	5.863	5.924	VV	117318	2710559	11.47%	0.368%
56	5.936	5.924	5.984	VV	70814	1890237	8.00%	0.257%
57	6.000	5.984	6.012	VV	63950	925135	3.91%	0.126%
58	6.020	6.012	6.045	VV	55101	814915	3.45%	0.111%
59	6.071	6.045	6.086	VV	80188	1235669	5.23%	0.168%
60	6.122	6.086	6.142	VV	85659	2180405	9.23%	0.296%
61	6.152	6.142	6.165	VV	56687	721255	3.05%	0.098%
62	6.205	6.165	6.233	VV	90293	2572198	10.88%	0.349%
63	6.258	6.233	6.277	VV	105081	1908391	8.07%	0.259%
64	6.305	6.277	6.328	VV	143402	2941960	12.45%	0.399%
65	6.347	6.328	6.372	VV	128278	2521023	10.67%	0.342%
66	6.390	6.372	6.402	VV	106240	1536829	6.50%	0.209%
67	6.416	6.402	6.425	VV	101215	1253040	5.30%	0.170%
68	6.439	6.425	6.478	VV	110998	2970650	12.57%	0.403%
69	6.497	6.478	6.518	VV	114885	2335963	9.88%	0.317%
70	6.547	6.518	6.608	VV	165852	5933063	25.10%	0.806%
71	6.654	6.608	6.675	VV	98363	3381756	14.31%	0.459%
72	6.748	6.733	6.762	VV	134731	1859199	7.87%	0.252%
73	6.785	6.762	6.801	VV	162379	3325829	14.07%	0.452%
74	6.813	6.801	6.843	VV	151108	3068609	12.98%	0.417%
75	6.909	6.894	6.929	VV	166578	2694263	11.40%	0.366%
76	6.953	6.929	6.978	VV	223286	4293744	18.17%	0.583%
77	6.987	6.978	7.000	VV	117223	1434725	6.07%	0.195%
78	7.031	7.000	7.066	VV	275575	6206319	26.26%	0.843%
79	7.087	7.066	7.107	VV	148295	3074226	13.01%	0.417%
80	7.126	7.107	7.138	VV	150792	2480133	10.49%	0.337%
81	7.158	7.138	7.178	VV	203690	3890793	16.46%	0.528%
82	7.199	7.178	7.233	VV	237226	5663419	23.96%	0.769%
83	7.264	7.233	7.302	VV	229443	7085720	29.98%	0.962%
84	7.312	7.302	7.325	VV	138049	1754478	7.42%	0.238%
85	7.413	7.390	7.431	VV	230983	4487293	18.99%	0.609%
86	7.450	7.431	7.469	VV	258530	4528666	19.16%	0.615%
87	7.632	7.599	7.642	VV	214100	5048526	21.36%	0.685%
88	7.651	7.642	7.696	VV	212022	6236963	26.39%	0.847%
89	7.713	7.696	7.731	VV	194102	3773868	15.97%	0.512%

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90	7.754	7.731	7.787	VV	351663	8541678	36.14%	1.160%
91	7.803	7.787	7.822	VV	230799	4034989	17.00%	0.746%
92	7.894	7.878	7.907	VV	327102	4762313	20.00%	0.746%
93	7.920	7.907	7.938	VV	331645	5008293	21.00%	0.746%
94	8.011	7.981	8.036	VV	309845	7643462	32.00%	0.746%
95	8.057	8.036	8.075	VV	250055	5084396	23.26%	0.746%
96	8.097	8.075	8.118	VV	228173	5498183	23.26%	0.746%
97	8.287	8.240	8.314	VV	1163534	23634974	100.00%	3.209%
98	8.390	8.356	8.430	VV	777293	18051499	76.38%	2.451%
99	8.501	8.465	8.522	VV	314171	9635479	40.77%	1.308%
100	8.560	8.522	8.598	VV	428152	15058643	63.71%	2.044%
101	8.712	8.698	8.731	VV	335181	5976091	25.28%	0.811%
102	8.748	8.731	8.807	VV	286627	12212087	51.67%	1.658%
103	8.850	8.838	8.873	VV	354935	6629991	28.05%	0.900%
104	8.888	8.873	8.900	VV	317536	4700195	19.89%	0.638%
105	8.921	8.900	8.946	VV	541345	10726750	45.39%	1.456%
106	9.086	9.056	9.098	VV	353375	7639974	32.32%	1.037%
107	9.117	9.098	9.137	VV	558470	9677905	40.95%	1.314%
108	9.153	9.137	9.173	VV	400436	7182616	30.39%	0.975%
109	9.189	9.173	9.203	VV	337966	5403764	22.86%	0.734%
110	9.241	9.203	9.271	VV	395566	13546502	57.32%	1.839%
111	9.289	9.271	9.309	VV	526285	9021430	38.17%	1.225%
112	9.447	9.407	9.465	VV	517716	11535460	48.81%	1.566%
113	9.480	9.465	9.511	VV	417014	8820947	37.32%	1.198%
114	9.525	9.511	9.545	VV	279280	5288473	22.38%	0.718%
115	9.584	9.545	9.615	VV	527474	15091192	63.85%	2.049%
116	9.746	9.713	9.779	VV	614463	14470289	61.22%	1.965%
117	9.788	9.779	9.800	VV	250798	3058072	12.94%	0.415%
118	9.907	9.893	9.935	VV	268530	6237175	26.39%	0.847%
119	9.952	9.935	9.968	VV	243834	4535631	19.19%	0.616%
120	10.037	10.011	10.061	VV	354982	9034529	38.23%	1.227%
121	10.183	10.125	10.220	VV	293819	14093290	59.63%	1.913%
122	10.413	10.374	10.438	VV	291478	8666025	36.67%	1.177%
123	10.525	10.498	10.536	VV	332203	6437692	27.24%	0.874%
124	10.549	10.536	10.574	VV	343784	6474901	27.40%	0.879%
125	10.595	10.574	10.640	VV	355636	10654971	45.08%	1.447%
126	10.669	10.640	10.706	VV	290259	9809995	41.51%	1.332%
127	10.840	10.822	10.859	VV	297997	5706551	24.14%	0.775%
128	11.018	10.991	11.046	VV	222592	6785038	28.71%	0.921%
129	11.159	11.123	11.185	VV	227373	7479493	31.65%	1.015%
130	11.213	11.185	11.236	VV	236198	6215888	26.30%	0.844%
131	11.248	11.236	11.268	VV	186034	3488581	14.76%	0.474%
132	11.349	11.328	11.363	VV	192143	3875081	16.40%	0.526%
133	11.429	11.408	11.457	VV	214203	5887277	24.91%	0.799%
134	11.475	11.457	11.497	VV	226284	4907235	20.76%	0.666%
135	11.514	11.497	11.533	VV	193908	4047784	17.13%	0.550%
136	11.549	11.533	11.561	VV	192846	3073301	13.00%	0.417%
137	11.617	11.585	11.648	VV	586138	12343159	52.22%	1.676%
138	11.674	11.648	11.698	VV	184117	4889056	20.69%	0.664%
139	11.728	11.698	11.750	VV	190887	5266344	22.28%	0.715%
140	11.796	11.780	11.814	VV	169271	3450531	14.60%	0.468%
141	11.838	11.814	11.862	VV	252496	5492701	23.24%	0.746%

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142	11.884	11.862	11.900	VV	208975	3996655	16.91%	0.543%
143	11.915	11.900	11.948	VV	221940	4864055	20.91%	0.543%
144	11.985	11.948	12.005	VV	156749	5118650	21.91%	0.543%
145	12.030	12.005	12.048	VV	198538	4383692	18.91%	0.543%
						Manual Integration		
146	12.066	12.048	12.111	VV	188055	5965958	25.91%	0.543%
147	12.131	12.111	12.145	VV	144288	2831855	11.91%	0.543%
148	12.220	12.203	12.244	VV	147379	3355286	14.20%	0.456%
149	12.259	12.244	12.275	VV	127900	2323236	9.83%	0.315%
150	12.298	12.275	12.368	VV	130307	6864065	29.04%	0.932%
						Reviewed By :Yogesh		
						Supervised By :m		
151	12.387	12.368	12.404	VV	130009	2569024	10.87%	0.349%
152	12.496	12.468	12.519	VV	124682	3428485	14.51%	0.465%
153	12.553	12.519	12.592	VV	111241	4556806	19.28%	0.619%
154	12.626	12.592	12.650	VV	111988	3699530	15.65%	0.502%
155	12.676	12.650	12.724	VV	143802	5143283	21.76%	0.698%
						Manual Integration		
156	12.755	12.724	12.766	VV	129096	2820517	11.93%	0.383%
157	12.784	12.766	12.805	VV	171323	3240965	13.71%	0.440%
158	12.822	12.805	12.877	VV	126622	4757920	20.13%	0.646%
159	12.902	12.877	12.964	VV	119131	5001011	21.16%	0.679%
160	12.975	12.964	12.991	VV	82519	1305329	5.52%	0.177%
						Manual Integration		
161	13.001	12.991	13.010	VV	80175	910297	3.85%	0.124%
162	13.023	13.010	13.044	VV	82010	1616719	6.84%	0.219%
163	13.060	13.044	13.074	VV	75611	1301932	5.51%	0.177%
164	13.093	13.074	13.144	VV	83078	3199092	13.54%	0.434%
165	13.156	13.144	13.174	VV	73016	1295647	5.48%	0.176%
						Manual Integration		
166	13.201	13.174	13.211	VV	93702	1805843	7.64%	0.245%
167	13.223	13.211	13.245	VV	94639	1687351	7.14%	0.229%
168	13.279	13.245	13.307	VV	143440	3454590	14.62%	0.469%
169	13.332	13.307	13.365	VV	92200	2795079	11.83%	0.379%
170	13.373	13.365	13.433	VV	72145	2581115	10.92%	0.350%
						Manual Integration		
171	13.487	13.433	13.514	VV	82229	3267274	13.82%	0.444%
172	13.533	13.514	13.574	VV	80660	2336283	9.88%	0.317%
173	13.595	13.574	13.609	VV	63904	1192704	5.05%	0.162%
174	13.626	13.609	13.650	VV	62857	1463099	6.19%	0.199%
175	13.671	13.650	13.691	VV	62174	1412674	5.98%	0.192%
						Manual Integration		
176	13.706	13.691	13.734	VV	55849	1377048	5.83%	0.187%
177	13.751	13.734	13.765	VV	52788	946529	4.00%	0.129%
178	13.785	13.765	13.844	VV	54655	2352721	9.95%	0.319%
179	13.861	13.844	13.871	VV	45578	697819	2.95%	0.095%
180	13.895	13.871	13.921	VV	53711	1468316	6.21%	0.199%
						Manual Integration		
181	13.943	13.921	13.961	VV	53598	1199865	5.08%	0.163%
182	13.975	13.961	14.008	VV	52946	1298705	5.49%	0.176%
183	14.023	14.008	14.036	VV	41755	708475	3.00%	0.096%
184	14.071	14.036	14.098	VV	47950	1617117	6.84%	0.220%
185	14.111	14.098	14.224	VV	44701	2868478	12.14%	0.389%
						Manual Integration		
186	14.264	14.224	14.306	VV	39276	1738774	7.36%	0.236%
187	14.331	14.306	14.368	VV	33597	1199470	5.07%	0.163%
188	14.408	14.368	14.456	VV	37733	1713329	7.25%	0.233%
189	14.500	14.456	14.518	VV	32894	1141514	4.83%	0.155%
190	14.533	14.518	14.574	VV	32095	1004359	4.25%	0.136%
						Manual Integration		
191	14.609	14.574	14.626	VV	31546	919185	3.89%	0.125%
192	14.645	14.626	14.684	VV	31497	1004682	4.25%	0.136%
193	14.731	14.684	14.756	VV	30797	1259196	5.33%	0.171%
194	14.776	14.756	14.797	VV	29189	659437	2.79%	0.090%

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195	14.810	14.797	14.828	VV	26300	480309		
196	14.848	14.828	14.873	VV	25527	663492		
197	14.892	14.873	14.921	VV	25300	702884		
198	14.937	14.921	14.964	VV	22924	580692		
199	14.974	14.964	15.021	VH	23012	743676		
200	15.033	15.021	15.049	HH	21418	348624		
201	15.097	15.049	15.117	HH	24860	887968	3.76%	0.121%
202	15.138	15.117	15.208	HH	26556	1234380	5.22%	0.168%
203	15.230	15.208	15.244	HH	20760	435027	1.84%	0.059%
204	15.262	15.244	15.318	HH	20822	890380	3.77%	0.121%
205	15.329	15.318	15.355	HH	18876	420429	1.78%	0.057%
206	15.394	15.355	15.419	HH	19310	714377	3.02%	0.097%
207	15.439	15.419	15.454	HH	18146	377940	1.60%	0.051%
208	15.469	15.454	15.476	HH	18017	228952	0.97%	0.031%
209	15.481	15.476	15.504	HH	18017	306127	1.30%	0.042%
210	15.519	15.504	15.528	HH	17653	243893	1.03%	0.033%
211	15.557	15.528	15.633	HH	18738	1105602	4.68%	0.150%
212	15.676	15.633	15.705	HH	18807	762724	3.23%	0.104%
213	15.719	15.705	15.747	HH	16994	413857	1.75%	0.056%
214	15.773	15.747	15.844	HH	18341	977346	4.14%	0.133%
215	15.874	15.844	15.891	HH	16600	453041	1.92%	0.062%
216	15.917	15.891	15.951	HH	17340	603095	2.55%	0.082%
217	15.968	15.951	16.029	HH	16705	750073	3.17%	0.102%
218	16.038	16.029	16.082	HH	15548	487919	2.06%	0.066%
219	16.122	16.082	16.140	HH	15558	523400	2.21%	0.071%
220	16.163	16.140	16.183	HH	16613	415277	1.76%	0.056%
221	16.195	16.183	16.224	HH	15779	371251	1.57%	0.050%
222	16.237	16.224	16.245	HH	15021	194010	0.82%	0.026%
223	16.252	16.245	16.281	HH	15012	320291	1.36%	0.043%
224	16.298	16.281	16.311	HH	14786	261242	1.11%	0.035%
225	16.361	16.311	16.394	HH	16235	766115	3.24%	0.104%
226	16.426	16.394	16.433	HH	15522	358060	1.51%	0.049%
227	16.452	16.433	16.464	HH	16127	293993	1.24%	0.040%
228	16.476	16.464	16.507	HH	15987	403891	1.71%	0.055%
229	16.521	16.507	16.531	HH	15629	225007	0.95%	0.031%
230	16.544	16.531	16.559	HH	15651	258157	1.09%	0.035%
231	16.591	16.559	16.611	HH	15950	498028	2.11%	0.068%
232	16.665	16.611	16.757	HH	21042	1518328	6.42%	0.206%
233	16.798	16.757	16.841	HH	17902	848834	3.59%	0.115%
234	16.848	16.841	16.898	HH	16670	549454	2.32%	0.075%
235	16.943	16.898	16.960	HH	16633	611163	2.59%	0.083%
236	16.987	16.960	17.030	HH	19955	733795	3.10%	0.100%
237	17.055	17.030	17.096	HH	19937	734669	3.11%	0.100%
238	17.115	17.096	17.141	HH	18523	486493	2.06%	0.066%
239	17.158	17.141	17.183	HH	18395	451940	1.91%	0.061%
240	17.193	17.183	17.217	HH	17543	347438	1.47%	0.047%
241	17.234	17.217	17.264	HH	17304	484349	2.05%	0.066%
242	17.321	17.264	17.330	HH	18359	707314	2.99%	0.096%
243	17.350	17.330	17.388	HH	19226	640306	2.71%	0.087%
244	17.426	17.388	17.489	HH	19428	1136829	4.81%	0.154%
245	17.522	17.489	17.538	HH	19650	560108	2.37%	0.076%
246	17.567	17.538	17.615	HH	20648	911407	3.86%	0.124%

Instrument :

FID_E

ClientSampleId :

TP-3-EPHDL

2.03% 0.065%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025

rteres									
247	17.670	17.615	17.700	HH	19957	992283	4.20%	0.135%	
248	17.726	17.700	17.744	HH	19912	521801			
249	17.764	17.744	17.810	HH	20066	769249			
250	17.847	17.810	17.867	HH	19955	678790			
251	17.900	17.867	17.910	HH	20629	516121			
252	17.940	17.910	17.958	HH	20985	600005			
253	18.000	17.958	18.024	HH	22569	855180	3.62%	0.116%	
254	18.042	18.024	18.064	HH	21704	503304	2.13%	0.068%	
255	18.096	18.064	18.103	HH	22117	516970	2.19%	0.070%	
256	18.139	18.103	18.164	HH	24551	854754	3.62%	0.116%	
257	18.173	18.164	18.211	HH	23673	643053	2.72%	0.087%	
258	18.244	18.211	18.256	HH	23039	607839	2.57%	0.083%	
259	18.345	18.256	18.371	M	25136	1655452	7.00%	0.225%	
260	18.447	18.372	18.454	M	27007	1236527	5.23%	0.168%	
261	18.503	18.456	18.568	M	28021	1749561	7.40%	0.238%	
262	18.696	18.569	18.699	M	28387	2014324	8.52%	0.273%	
263	18.702	18.702	18.826	M	28173	2000368	8.46%	0.272%	
264	18.981	18.829	18.999	M	30511	2949115	12.48%	0.400%	
Sum of corrected areas:						736559699			

Instrument :
FID_E
ClientSampleId :
TP-3-EPHDL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/11/2025
Supervised By :mohammad ahmed 06/12/2025

Aliphatic EPH 061025.M Wed Jun 11 10:46:02 2025