

rteres

Instrument :

FID_E

ClientSampleId :

ARS20-0030DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/15/2025

Supervised By :mohammad ahmed 07/16/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE07142
Data File : FE054837.D
Signal(s) : FID1B.ch
Acq On : 14 Jul 2025 11:22
Sample : Q2564-01DL 10X
Misc :
ALS Vial : 13 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	3.127	3.118	3.145	PV	89	715	0.05%	0.002%
2	3.158	3.145	3.204	PV	106	2591	0.19%	0.006%
3	3.223	3.204	3.238	VV	102	1282	0.09%	0.003%
4	3.247	3.238	3.311	VV	158	4114	0.30%	0.009%
5	3.316	3.311	3.322	VV	152	796	0.06%	0.002%
6	3.328	3.322	3.358	VV	161	2173	0.16%	0.005%
7	3.363	3.358	3.411	VV	136	2896	0.21%	0.006%
8	3.417	3.411	3.465	VV	120	2710	0.20%	0.006%
9	3.480	3.465	3.500	PV	125	1342	0.10%	0.003%
10	3.515	3.500	3.564	VV	93	2878	0.21%	0.006%
11	3.568	3.564	3.590	VV	92	946	0.07%	0.002%
12	3.604	3.590	3.654	VV	141	3455	0.25%	0.008%
13	3.671	3.654	3.738	VV	135	4362	0.32%	0.010%
14	3.749	3.738	3.804	VV	171	3828	0.28%	0.008%
15	3.819	3.804	3.835	VV	120	1814	0.13%	0.004%
16	3.873	3.835	3.880	VV	186	2862	0.21%	0.006%
17	3.896	3.880	3.998	VV	404	8365	0.61%	0.018%
18	4.013	3.998	4.075	VV	300	4901	0.36%	0.011%
19	4.104	4.075	4.124	PV	168	3282	0.24%	0.007%
20	4.137	4.124	4.185	VV	161	3900	0.29%	0.009%
21	4.192	4.185	4.204	VV	150	1265	0.09%	0.003%
22	4.215	4.204	4.254	VV	155	3151	0.23%	0.007%
23	4.280	4.254	4.328	VV	197	5267	0.39%	0.012%
24	4.337	4.328	4.357	VV	167	1804	0.13%	0.004%
25	4.368	4.357	4.376	VV	133	932	0.07%	0.002%
26	4.430	4.376	4.474	VV	214	6953	0.51%	0.015%
27	4.481	4.474	4.504	VV	132	1927	0.14%	0.004%
28	4.513	4.504	4.544	VV	134	2654	0.19%	0.006%
29	4.548	4.544	4.558	VV	213	1063	0.08%	0.002%
30	4.576	4.558	4.604	VV	196	3580	0.26%	0.008%
31	4.609	4.604	4.621	VV	186	1490	0.11%	0.003%
32	4.637	4.621	4.648	VV	178	1839	0.13%	0.004%
33	4.652	4.648	4.678	VV	179	1927	0.14%	0.004%
34	4.686	4.678	4.721	VV	147	3041	0.22%	0.007%
35	4.727	4.721	4.738	VV	109	1243	0.09%	0.003%
36	4.757	4.738	4.781	VV	155	3076	0.22%	0.007%

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37	4.791	4.781	4.811	VV	131	1821	0.13%	0.004%
38	4.817	4.811	4.880	VV	114	3029		
39	4.910	4.880	4.975	PV	192	4155		
40	4.985	4.975	5.039	VV	138	3396		
41	5.049	5.039	5.054	VV	127	775		
42	5.067	5.054	5.084	VV	165	1859		
43	5.091	5.084	5.124	VV	126	2349	0.17%	0.005%
44	5.139	5.124	5.149	VV	142	1734	0.13%	0.004%
45	5.155	5.149	5.199	VV	135	2731	0.20%	0.006%
46	5.210	5.199	5.231	VV	93	1430	0.10%	0.003%
47	5.234	5.231	5.242	VV	95	328	0.02%	0.001%
48	5.249	5.242	5.254	VV	90	395	0.03%	0.001%
49	5.268	5.254	5.284	VV	96	1491	0.11%	0.003%
50	5.293	5.284	5.304	VV	127	1081	0.08%	0.002%
51	5.315	5.304	5.321	VV	87	655	0.05%	0.001%
52	5.328	5.321	5.417	VV	141	4924	0.36%	0.011%
53	5.499	5.417	5.548	VV	147	6335	0.46%	0.014%
54	5.554	5.548	5.606	VV	126	3586	0.26%	0.008%
55	5.628	5.606	5.660	VV	216	3834	0.28%	0.008%
56	5.670	5.660	5.735	PV	102	4275	0.31%	0.009%
57	5.747	5.735	5.765	VV	151	1788	0.13%	0.004%
58	5.776	5.765	5.797	VV	131	1983	0.15%	0.004%
59	5.819	5.797	5.850	VV	194	4455	0.33%	0.010%
60	5.859	5.850	5.901	VV	207	4839	0.35%	0.011%
61	5.950	5.901	5.968	VV	214	5833	0.43%	0.013%
62	5.975	5.968	5.988	VV	166	1625	0.12%	0.004%
63	6.010	5.988	6.062	VV	234	6816	0.50%	0.015%
64	6.105	6.062	6.114	PV	187	4518	0.33%	0.010%
65	6.125	6.114	6.132	VV	193	1862	0.14%	0.004%
66	6.151	6.132	6.188	VV	212	4842	0.35%	0.011%
67	6.200	6.188	6.238	VV	203	3823	0.28%	0.008%
68	6.264	6.238	6.275	VV	202	3295	0.24%	0.007%
69	6.283	6.275	6.320	VV	197	3155	0.23%	0.007%
70	6.331	6.320	6.361	VV	168	2527	0.18%	0.006%
71	6.375	6.361	6.391	VV	160	2299	0.17%	0.005%
72	6.405	6.391	6.425	VV	232	3370	0.25%	0.007%
73	6.432	6.425	6.498	VV	161	6117	0.45%	0.013%
74	6.538	6.498	6.581	VV	219	7004	0.51%	0.015%
75	6.588	6.581	6.596	VV	192	1222	0.09%	0.003%
76	6.615	6.596	6.626	VV	149	2292	0.17%	0.005%
77	6.705	6.626	6.754	VV	292	12834	0.94%	0.028%
78	6.759	6.754	6.788	VV	198	3491	0.26%	0.008%
79	6.792	6.788	6.888	VV	255	7498	0.55%	0.016%
80	6.935	6.888	7.025	VV	226	10335	0.76%	0.023%
81	7.033	7.025	7.042	VV	73	609	0.04%	0.001%
82	7.060	7.042	7.154	PB	95	2331	0.17%	0.005%
83	7.196	7.158	7.224	BV	115	2794	0.20%	0.006%
84	7.268	7.224	7.292	PV	351	5118	0.37%	0.011%
85	7.304	7.292	7.317	VV	92	810	0.06%	0.002%
86	7.410	7.317	7.474	PV	236	8776	0.64%	0.019%
87	7.536	7.474	7.568	VV	209	4938	0.36%	0.011%
88	7.586	7.568	7.601	PV	94	1024	0.07%	0.002%
89	7.610	7.601	7.671	VV	82	1761	0.13%	0.004%

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90	7.677	7.671	7.702	VV	85	1158	0.08%	0.003%
91	7.717	7.702	7.737	VV	174	1763		
92	7.746	7.737	7.758	VV	145	1147		
93	7.787	7.758	7.828	VV	144	3556		
94	7.908	7.828	7.939	VV	86	3451		
95	7.994	7.939	8.023	VV	199	4914		
96	8.256	8.191	8.325	VV	369	16687	1.22%	0.037%
97	8.335	8.325	8.350	VV	175	2167	0.16%	0.005%
98	8.399	8.350	8.421	VV	293	9152	0.67%	0.020%
99	8.438	8.421	8.485	VV	674	13883	1.02%	0.031%
100	8.509	8.485	8.534	VV	561	11627	0.85%	0.026%
101	8.543	8.534	8.560	VV	409	5116	0.37%	0.011%
102	8.586	8.560	8.609	VV	731	16149	1.18%	0.036%
103	8.625	8.609	8.640	VV	701	10352	0.76%	0.023%
104	8.688	8.640	8.754	VV	1866	61956	4.53%	0.136%
105	8.804	8.754	8.821	VV	785	25925	1.90%	0.057%
106	8.867	8.821	8.903	VV	3115	61404	4.49%	0.135%
107	8.923	8.903	8.940	VV	1077	18606	1.36%	0.041%
108	8.971	8.940	8.986	VV	1073	26112	1.91%	0.057%
109	9.057	9.041	9.075	VV	1202	22604	1.65%	0.050%
110	9.098	9.075	9.121	VV	2062	40939	2.99%	0.090%
111	9.135	9.121	9.148	VV	1327	20074	1.47%	0.044%
112	9.167	9.148	9.189	VV	4325	65408	4.78%	0.144%
113	9.205	9.189	9.214	VV	1948	26104	1.91%	0.057%
114	9.233	9.214	9.258	VV	3796	64481	4.72%	0.142%
115	9.277	9.258	9.294	VV	1724	32440	2.37%	0.071%
116	9.359	9.294	9.379	VV	2422	97111	7.10%	0.214%
117	9.389	9.379	9.401	VV	2055	27115	1.98%	0.060%
118	9.429	9.401	9.444	VV	3431	71760	5.25%	0.158%
119	9.453	9.444	9.485	VV	2826	60595	4.43%	0.133%
120	9.502	9.485	9.515	VV	3302	48396	3.54%	0.106%
121	9.525	9.515	9.545	VV	2836	44087	3.22%	0.097%
122	9.572	9.545	9.590	VV	3345	70432	5.15%	0.155%
123	9.608	9.590	9.640	VV	2693	71778	5.25%	0.158%
124	9.684	9.640	9.705	VV	3547	106803	7.81%	0.235%
125	9.715	9.705	9.724	VV	2716	29462	2.16%	0.065%
126	9.741	9.724	9.754	VV	3133	53089	3.88%	0.117%
127	9.766	9.754	9.776	VV	3060	39546	2.89%	0.087%
128	9.846	9.776	9.877	VV	4915	233463	17.08%	0.514%
129	9.905	9.877	9.913	VV	4926	86459	6.32%	0.190%
130	9.930	9.913	9.957	VV	9123	155558	11.38%	0.342%
131	9.985	9.957	10.044	VV	7060	251646	18.41%	0.554%
132	10.066	10.044	10.078	VV	5116	95311	6.97%	0.210%
133	10.099	10.078	10.122	VV	4894	124281	9.09%	0.273%
134	10.139	10.122	10.151	VV	4900	81600	5.97%	0.180%
135	10.183	10.151	10.205	VV	7761	182914	13.38%	0.402%
136	10.224	10.205	10.243	VV	5712	122295	8.95%	0.269%
137	10.282	10.243	10.300	VV	5896	188785	13.81%	0.415%
138	10.335	10.300	10.354	VV	6322	194462	14.22%	0.428%
139	10.372	10.354	10.381	VV	6259	97742	7.15%	0.215%
140	10.421	10.381	10.460	VV	7178	303736	22.22%	0.668%
141	10.492	10.460	10.517	VV	7730	235249	17.21%	0.518%

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0.08% 0.003%

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142	10.560	10.517	10.573	VV	7413	244634	17.89%	0.538%
143	10.592	10.573	10.608	VV	7920	154033	11.89%	0.538%
144	10.655	10.608	10.674	VV	8975	323212	23.32%	0.538%
145	10.700	10.674	10.727	VV	15997	372317	27.32%	0.538%
146	10.765	10.727	10.778	VV	11459	312562	22.41%	0.832%
147	10.789	10.778	10.818	VV	11372	252131	18.66%	0.832%
148	10.848	10.818	10.880	VV	11055	378199	27.66%	0.832%
149	10.905	10.880	10.928	VV	10820	292671	21.41%	0.644%
150	10.978	10.928	11.015	VV	12196	590507	43.19%	1.299%
151	11.082	11.015	11.098	VV	15715	624745	45.70%	1.375%
152	11.125	11.098	11.152	VV	36827	746053	54.57%	1.642%
153	11.168	11.152	11.214	VV	15322	519796	38.02%	1.144%
154	11.225	11.214	11.237	VV	12626	168661	12.34%	0.371%
155	11.259	11.237	11.280	VV	14383	349294	25.55%	0.769%
156	11.302	11.280	11.318	VV	14580	319240	23.35%	0.702%
157	11.334	11.318	11.354	VV	14981	316433	23.15%	0.696%
158	11.391	11.354	11.405	VV	15884	445334	32.58%	0.980%
159	11.414	11.405	11.423	VV	14906	161960	11.85%	0.356%
160	11.448	11.423	11.477	VV	16908	509897	37.30%	1.122%
161	11.492	11.477	11.518	VV	15499	373239	27.30%	0.821%
162	11.542	11.518	11.564	VV	17726	462192	33.81%	1.017%
163	11.591	11.564	11.601	VV	17189	362421	26.51%	0.798%
164	11.620	11.601	11.645	VV	17903	457242	33.45%	1.006%
165	11.664	11.645	11.681	VV	17097	363125	26.56%	0.799%
166	11.750	11.681	11.774	VV	18597	996084	72.86%	2.192%
167	11.789	11.774	11.801	VV	17490	274654	20.09%	0.604%
168	11.814	11.801	11.824	VV	17594	240428	17.59%	0.529%
169	11.850	11.824	11.901	VV	33447	1022631	74.80%	2.250%
170	11.916	11.901	11.938	VV	18686	392670	28.72%	0.864%
171	11.974	11.938	11.985	VV	17951	499321	36.52%	1.099%
172	12.019	11.985	12.028	VV	18958	466575	34.13%	1.027%
173	12.036	12.028	12.041	VV	18764	142511	10.42%	0.314%
174	12.085	12.041	12.114	VV	69229	1367095	100.00%	3.008%
175	12.139	12.114	12.194	VV	19704	921111	67.38%	2.027%
176	12.235	12.194	12.256	VV	20667	721846	52.80%	1.588%
177	12.278	12.256	12.298	VV	21792	513230	37.54%	1.129%
178	12.313	12.298	12.329	VV	20804	382018	27.94%	0.841%
179	12.342	12.329	12.363	VV	20412	408522	29.88%	0.899%
180	12.412	12.363	12.440	VV	26669	1002274	73.31%	2.205%
181	12.453	12.440	12.483	VV	20116	509608	37.28%	1.121%
182	12.635	12.615	12.652	VV	19631	413017	30.21%	0.909%
183	12.703	12.652	12.729	VV	19955	900420	65.86%	1.981%
184	12.748	12.729	12.764	VV	19674	408620	29.89%	0.899%
185	12.776	12.764	12.834	VV	19084	787457	57.60%	1.733%
186	12.848	12.834	12.892	VV	19160	642118	46.97%	1.413%
187	12.933	12.892	12.973	VV	19535	901613	65.95%	1.984%
188	12.996	12.973	13.018	VV	20285	517637	37.86%	1.139%
189	13.037	13.018	13.054	VV	18875	402394	29.43%	0.885%
190	13.073	13.054	13.111	VV	19737	621723	45.48%	1.368%
191	13.139	13.111	13.186	VV	18032	783792	57.33%	1.725%
192	13.209	13.186	13.248	VV	17822	629155	46.02%	1.384%
193	13.273	13.248	13.326	VV	16735	758775	55.50%	1.670%
194	13.352	13.326	13.374	VV	16542	468359	34.26%	1.031%

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Interferences						Manual IntegrationsAPPROVED		
195	13.400	13.374	13.424	VV	16703	482047	35.26%	1.061%
196	13.448	13.424	13.478	VV	16578	507343	37.12%	1.069%
197	13.521	13.478	13.553	VV	52763	1142865	83.12%	0.899%
198	13.574	13.553	13.622	VV	18710	679147	49.12%	1.161%
199	13.638	13.622	13.682	VV	15308	522691	38.60%	0.907%
200	13.703	13.682	13.723	VV	15369	361801	26.16%	0.787%
201	13.867	13.839	13.883	VV	14032	357645	26.16%	0.787%
202	13.908	13.883	13.938	VV	16162	485872	35.54%	1.069%
203	13.958	13.938	13.988	VV	14556	408520	29.88%	0.899%
204	14.004	13.988	14.057	VV	13417	527649	38.60%	1.161%
205	14.187	14.162	14.219	VV	12818	412086	30.14%	0.907%
206	14.229	14.219	14.258	VV	11432	261421	19.12%	0.575%
207	14.276	14.258	14.288	VV	11617	203556	14.89%	0.448%
208	14.299	14.288	14.318	VV	11240	198696	14.53%	0.437%
209	14.340	14.318	14.391	VV	12437	486232	35.57%	1.070%
210	14.421	14.391	14.448	VV	11030	356907	26.11%	0.785%
211	14.457	14.448	14.473	VV	10310	156371	11.44%	0.344%
212	14.513	14.473	14.543	VV	11794	443386	32.43%	0.976%
213	14.575	14.543	14.633	VV	10206	515778	37.73%	1.135%
214	14.795	14.782	14.821	VV	8370	185696	13.58%	0.409%
215	14.838	14.821	14.883	VV	8273	286773	20.98%	0.631%
216	15.057	15.047	15.078	VV	6563	117817	8.62%	0.259%
217	15.086	15.078	15.101	VV	6578	90403	6.61%	0.199%
218	15.185	15.166	15.206	VV	5701	132294	9.68%	0.291%
219	15.213	15.206	15.258	VV	5567	166926	12.21%	0.367%
220	15.272	15.258	15.314	VV	5103	168509	12.33%	0.371%
221	15.333	15.314	15.352	VV	4964	106159	7.77%	0.234%
222	15.379	15.352	15.402	VV	5316	145937	10.67%	0.321%
223	15.421	15.402	15.496	VV	4766	238189	17.42%	0.524%
224	15.713	15.694	15.742	VV	2585	69699	5.10%	0.153%
225	15.770	15.742	15.881	VV	3321	193604	14.16%	0.426%
226	15.903	15.881	15.914	VV	2308	42047	3.08%	0.093%
227	15.918	15.914	15.941	VV	2327	32697	2.39%	0.072%
228	15.954	15.941	15.974	VV	1828	33250	2.43%	0.073%
229	15.985	15.974	16.038	VV	1642	49561	3.63%	0.109%
230	16.058	16.038	16.088	VV	1058	28051	2.05%	0.062%
231	16.094	16.088	16.141	VV	814	23652	1.73%	0.052%
232	16.153	16.141	16.165	VV	785	10298	0.75%	0.023%
233	16.173	16.165	16.194	VV	789	12031	0.88%	0.026%
234	16.210	16.194	16.278	VV	808	30303	2.22%	0.067%
235	16.293	16.278	16.338	VV	499	14749	1.08%	0.032%
236	16.365	16.338	16.383	VV	488	10476	0.77%	0.023%
237	16.406	16.383	16.431	VV	1017	16870	1.23%	0.037%
238	16.464	16.431	16.508	VV	418	12223	0.89%	0.027%
239	16.512	16.508	16.528	VV	164	1324	0.10%	0.003%
240	16.537	16.528	16.561	VV	155	1975	0.14%	0.004%
241	16.617	16.561	16.668	PV	320	9102	0.67%	0.020%
242	16.719	16.668	16.732	VV	303	5268	0.39%	0.012%
243	16.786	16.732	16.831	VV	779	16463	1.20%	0.036%
244	16.891	16.831	16.948	VV	1758	33326	2.44%	0.073%
245	16.976	16.948	17.004	VV	437	7348	0.54%	0.016%
246	17.027	17.004	17.044	PV	266	3592	0.26%	0.008%

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247	17.084	17.044	17.151	VV	179	5646	0.41%	0.012%	
248	17.220	17.151	17.241	PV	494	10710			
249	17.276	17.241	17.304	VV	359	6484			
250	17.357	17.304	17.381	PV	2060	33512			
251	17.434	17.381	17.473	VV	2323	45741			
252	17.520	17.473	17.534	VV	385	11686			
253	17.591	17.534	17.600	VV	492	16612	1.22%	0.037%	
254	17.621	17.600	17.644	VV	684	13684	1.00%	0.030%	
255	17.655	17.644	17.664	VV	436	4338	0.32%	0.010%	
256	17.731	17.664	17.779	VV	2104	64480	4.72%	0.142%	
257	17.808	17.779	17.842	VV	3295	56259	4.12%	0.124%	
258	17.896	17.842	17.919	VV	632	15895	1.16%	0.035%	
259	17.945	17.919	17.968	VV	463	8575	0.63%	0.019%	
260	17.995	17.968	18.013	VV	332	5298	0.39%	0.012%	
261	18.031	18.013	18.053	VV	270	3523	0.26%	0.008%	
262	18.114	18.053	18.125	PV	199	4068	0.30%	0.009%	
263	18.247	18.125	18.286	PV	3667	70534	5.16%	0.155%	
264	18.336	18.286	18.360	PV	1500	22767	1.67%	0.050%	
265	18.418	18.360	18.431	VV	550	13579	0.99%	0.030%	
266	18.445	18.431	18.474	VV	568	9455	0.69%	0.021%	
267	18.510	18.474	18.528	VV	318	6098	0.45%	0.013%	
268	18.618	18.528	18.634	VV	1446	34373	2.51%	0.076%	
269	18.670	18.634	18.705	VV	5085	87900	6.43%	0.193%	
270	18.781	18.705	18.829	VV	897	36443	2.67%	0.080%	
271	18.846	18.829	18.868	VV	280	3790	0.28%	0.008%	
272	18.903	18.868	18.921	PV	363	5164	0.38%	0.011%	
273	18.972	18.921	19.003	VV	407	12157	0.89%	0.027%	
274	19.082	19.003	19.121	PV	4798	92745	6.78%	0.204%	
275	19.183	19.121	19.205	VV	2697	63582	4.65%	0.140%	
276	19.346	19.321	19.362	VV	1086	23924	1.75%	0.053%	
277	19.385	19.362	19.395	VV	944	16280	1.19%	0.036%	
278	19.479	19.395	19.519	VV	5533	180494	13.20%	0.397%	
279	19.632	19.519	19.654	VV	2997	181924	13.31%	0.400%	
280	19.731	19.654	19.749	VV	2576	140034	10.24%	0.308%	
281	19.792	19.749	19.824	VV	2418	102808	7.52%	0.226%	
282	19.865	19.824	19.892	VV	6011	147371	10.78%	0.324%	
283	19.942	19.892	19.958	VV	4090	133978	9.80%	0.295%	
284	19.977	19.958	20.011	VV	4555	127516	9.33%	0.281%	
285	20.055	20.011	20.070	VV	4409	140551	10.28%	0.309%	
286	20.167	20.070	20.191	VV	5240	344985	25.23%	0.759%	
287	20.607	20.448	20.632	VV	13688	1135861	83.09%	2.499%	
288	22.481	22.405	22.501	VBA	923	74151	5.42%	0.163%	
Sum of corrected areas:						45444603			

Instrument :

FID_E

ClientSampleId :

ARS20-0030DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/15/2025

Supervised By :mohammad ahmed 07/16/2025

Aliphatic EPH 062725.M Tue Jul 15 05:33:03 2025