

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057109.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 21:09
 Sample : Q3732-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.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	2.619	2.541	2.700	BV	15692	204538	1.34%	0.065%
2	2.727	2.700	2.826	VV	26553	498955	3.27%	0.158%
3	2.839	2.826	2.922	VV	600	17923	0.12%	0.006%
4	2.936	2.922	2.978	VV	182	3009	0.02%	0.001%
5	3.002	2.978	3.054	PV	4976	65230	0.43%	0.021%
6	3.081	3.054	3.148	VV	337	8961	0.06%	0.003%
7	3.165	3.148	3.207	VV	278	3347	0.02%	0.001%
8	3.218	3.207	3.246	PV	81	1155	0.01%	0.000%
9	3.297	3.246	3.427	PV	414377	4146286	27.20%	1.311%
10	3.440	3.427	3.490	VV	794	23381	0.15%	0.007%
11	3.506	3.490	3.528	VV	596	11305	0.07%	0.004%
12	3.539	3.528	3.561	VV	574	9249	0.06%	0.003%
13	3.580	3.561	3.591	VV	434	7075	0.05%	0.002%
14	3.611	3.591	3.620	VV	595	7891	0.05%	0.002%
15	3.630	3.620	3.650	VV	518	7751	0.05%	0.002%
16	3.668	3.650	3.723	VV	495	14503	0.10%	0.005%
17	3.744	3.723	3.771	VV	352	8259	0.05%	0.003%
18	3.814	3.771	3.831	VV	432	11810	0.08%	0.004%
19	3.833	3.831	3.871	VV	419	7581	0.05%	0.002%
20	3.885	3.871	3.908	VV	465	8076	0.05%	0.003%
21	3.914	3.908	3.928	VV	395	4356	0.03%	0.001%
22	3.934	3.928	3.961	VV	391	6541	0.04%	0.002%
23	3.987	3.961	4.063	VV	451	21082	0.14%	0.007%
24	4.092	4.063	4.108	VV	616	10901	0.07%	0.003%
25	4.124	4.108	4.154	VV	470	10789	0.07%	0.003%
26	4.161	4.154	4.182	VV	420	6035	0.04%	0.002%
27	4.199	4.182	4.224	VV	569	10073	0.07%	0.003%
28	4.233	4.224	4.255	VV	368	5355	0.04%	0.002%
29	4.266	4.255	4.270	VV	329	2681	0.02%	0.001%
30	4.291	4.270	4.307	VV	603	9384	0.06%	0.003%
31	4.322	4.307	4.344	VV	463	8286	0.05%	0.003%
32	4.351	4.344	4.358	VV	300	2432	0.02%	0.001%
33	4.367	4.358	4.410	VV	344	8954	0.06%	0.003%
34	4.442	4.410	4.471	VV	402	10904	0.07%	0.003%
35	4.501	4.471	4.514	VV	348	7555	0.05%	0.002%
36	4.552	4.514	4.572	VV	500874	4781574	31.37%	1.512%

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37	4.592	4.572	4.650	VV	548838	5650349	37.06%	1.786%
38	4.665	4.650	4.693	VV	6582	108451	0.71%	0.034%
39	4.713	4.693	4.820	VV	7229	173240	1.14%	0.055%
40	4.835	4.820	4.849	VV	1033	16240	0.11%	0.005%
41	4.857	4.849	4.875	VV	837	12535	0.08%	0.004%
42	4.893	4.875	4.937	VV	713	24696	0.16%	0.008%
43	4.959	4.937	5.005	VV	666	22319	0.15%	0.007%
44	5.014	5.005	5.036	VV	522	8630	0.06%	0.003%
45	5.057	5.036	5.197	VV	537	36445	0.24%	0.012%
46	5.209	5.197	5.244	VV	382	8171	0.05%	0.003%
47	5.263	5.244	5.285	VV	355	6449	0.04%	0.002%
48	5.304	5.285	5.315	VV	310	4473	0.03%	0.001%
49	5.322	5.315	5.343	VV	278	3865	0.03%	0.001%
50	5.363	5.343	5.408	VV	227	7905	0.05%	0.002%
51	5.418	5.408	5.451	VV	187	4042	0.03%	0.001%
52	5.470	5.451	5.504	VV	251	5713	0.04%	0.002%
53	5.532	5.504	5.611	VV	329	14762	0.10%	0.005%
54	5.617	5.611	5.666	VV	277	5551	0.04%	0.002%
55	5.692	5.666	5.791	VV	1862	30475	0.20%	0.010%
56	5.814	5.791	5.861	VV	121	4144	0.03%	0.001%
57	5.872	5.861	5.931	VV	241	4851	0.03%	0.002%
58	5.955	5.931	5.974	VV	162	2593	0.02%	0.001%
59	5.997	5.974	6.037	VV	315	6605	0.04%	0.002%
60	6.054	6.037	6.077	VV	148	2564	0.02%	0.001%
61	6.095	6.077	6.145	VV	192	4794	0.03%	0.002%
62	6.174	6.145	6.186	VV	166	2502	0.02%	0.001%
63	6.224	6.186	6.241	PV	194	3441	0.02%	0.001%
64	6.268	6.241	6.420	VV	557940	6292289	41.28%	1.989%
65	6.430	6.420	6.531	VV	2688	114839	0.75%	0.036%
66	6.544	6.531	6.571	VV	1151	25443	0.17%	0.008%
67	6.615	6.571	6.689	VV	1273	62692	0.41%	0.020%
68	6.724	6.689	6.858	VV	571946	5720282	37.52%	1.809%
69	6.877	6.858	6.906	VV	1100	20412	0.13%	0.006%
70	6.915	6.906	6.944	VV	514	9230	0.06%	0.003%
71	6.951	6.944	6.970	VV	397	4934	0.03%	0.002%
72	6.979	6.970	7.000	VV	352	5523	0.04%	0.002%
73	7.016	7.000	7.038	VV	395	7391	0.05%	0.002%
74	7.055	7.038	7.075	VV	418	6722	0.04%	0.002%
75	7.086	7.075	7.111	VV	204	2853	0.02%	0.001%
76	7.138	7.111	7.164	VV	291	4799	0.03%	0.002%
77	7.184	7.164	7.223	VV	183	3458	0.02%	0.001%
78	7.276	7.223	7.331	PV	11473	175793	1.15%	0.056%
79	7.368	7.331	7.496	VV	531684	6190687	40.61%	1.957%
80	7.512	7.496	7.551	VV	3489	89670	0.59%	0.028%
81	7.574	7.551	7.629	VV	3320	115661	0.76%	0.037%
82	7.672	7.629	7.698	VV	3525	83706	0.55%	0.026%
83	7.734	7.698	7.751	VV	984	29121	0.19%	0.009%
84	7.763	7.751	7.828	VV	1021	25575	0.17%	0.008%
85	7.851	7.828	7.944	VV	1470	32904	0.22%	0.010%
86	8.200	8.190	8.228	VV	1492	26797	0.18%	0.008%
87	8.248	8.228	8.270	VV	1676	28439	0.19%	0.009%
88	8.305	8.270	8.339	VV	1436	39705	0.26%	0.013%
89	8.374	8.339	8.403	VV	1101	22220	0.15%	0.007%

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90	8.414	8.403	8.446	VV	417	8878	0.06%	0.003%
91	8.466	8.446	8.486	VV	737	11424	0.07%	0.004%
92	8.499	8.486	8.506	VV	429	4264	0.03%	0.001%
93	8.560	8.506	8.643	VV	626672	6625180	43.46%	2.095%
94	8.675	8.643	8.847	VV	709017	7637573	50.10%	2.415%
95	8.975	8.948	9.078	VV	742706	7911291	51.90%	2.501%
96	9.094	9.078	9.201	VV	4446	178902	1.17%	0.057%
97	9.215	9.201	9.268	VV	1329	46405	0.30%	0.015%
98	9.306	9.268	9.356	VV	1685	60777	0.40%	0.019%
99	9.386	9.356	9.424	VV	5355	86625	0.57%	0.027%
100	9.439	9.424	9.458	VV	865	14197	0.09%	0.004%
101	9.477	9.458	9.501	VV	1493	23043	0.15%	0.007%
102	9.520	9.501	9.571	VV	698	18088	0.12%	0.006%
103	9.593	9.571	9.614	VV	508	10117	0.07%	0.003%
104	9.620	9.614	9.643	VV	421	4941	0.03%	0.002%
105	9.679	9.643	9.709	VV	498	10375	0.07%	0.003%
106	9.768	9.709	9.965	VV	686789	8014593	52.57%	2.534%
107	9.988	9.965	10.036	VV	7921	157723	1.03%	0.050%
108	10.062	10.036	10.137	VV	15090	366412	2.40%	0.116%
109	10.171	10.137	10.320	VV	658912	7274279	47.72%	2.300%
110	10.339	10.320	10.374	VV	896	23808	0.16%	0.008%
111	10.396	10.374	10.459	VV	1780	37125	0.24%	0.012%
112	10.484	10.459	10.493	VV	418	7224	0.05%	0.002%
113	10.525	10.493	10.537	VV	1221	21195	0.14%	0.007%
114	10.557	10.537	10.588	VV	2460	42129	0.28%	0.013%
115	10.609	10.588	10.619	VV	635	8750	0.06%	0.003%
116	10.648	10.619	10.684	VV	896	18913	0.12%	0.006%
117	10.705	10.684	10.760	VV	884	14495	0.10%	0.005%
118	10.837	10.760	10.860	PV	634	17376	0.11%	0.005%
119	10.910	10.860	10.950	VV	6086	83979	0.55%	0.027%
120	10.997	10.950	11.092	VV	3826	126205	0.83%	0.040%
121	11.182	11.092	11.231	PV	694278	7688112	50.43%	2.431%
122	11.259	11.231	11.399	VV	612413	8088462	53.06%	2.557%
123	11.418	11.399	11.518	VV	7327	213408	1.40%	0.067%
124	11.548	11.518	11.580	VV	2617	73175	0.48%	0.023%
125	11.619	11.580	11.678	VV	631562	7312186	47.97%	2.312%
126	11.706	11.678	11.757	VV	3221	79232	0.52%	0.025%
127	11.778	11.757	11.801	VV	847	17740	0.12%	0.006%
128	11.813	11.801	11.844	VV	703	12780	0.08%	0.004%
129	11.861	11.844	11.891	VV	813	15594	0.10%	0.005%
130	11.941	11.891	11.998	VV	572234	6156421	40.38%	1.946%
131	12.007	11.998	12.029	VV	1897	28732	0.19%	0.009%
132	12.047	12.029	12.087	VV	1876	42079	0.28%	0.013%
133	12.108	12.087	12.131	VV	1191	24345	0.16%	0.008%
134	12.142	12.131	12.163	VV	916	14050	0.09%	0.004%
135	12.176	12.163	12.204	VV	744	13690	0.09%	0.004%
136	12.225	12.204	12.244	VV	395	7388	0.05%	0.002%
137	12.287	12.244	12.321	VV	4805	67538	0.44%	0.021%
138	12.350	12.321	12.369	VV	670	14038	0.09%	0.004%
139	12.388	12.369	12.464	VV	688	16692	0.11%	0.005%
140	12.488	12.464	12.527	PV	254	5413	0.04%	0.002%
141	12.550	12.527	12.612	PV	13643	201196	1.32%	0.064%

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142	12.624	12.612	12.638	VV	960	12241	0.08%	0.004%
143	12.658	12.638	12.689	VV	1612	32014	0.21%	0.010%
144	12.701	12.689	12.734	VV	656	11829	0.08%	0.004%
145	12.754	12.734	12.778	VV	1781	22620	0.15%	0.007%
146	12.789	12.778	12.804	VV	249	2199	0.01%	0.001%
147	12.865	12.804	12.881	PV	605	14486	0.10%	0.005%
148	12.933	12.881	12.976	VV	631384	7245367	47.53%	2.291%
149	13.012	12.976	13.161	VV	649047	7872674	51.64%	2.489%
150	13.202	13.161	13.244	VV	7334	116157	0.76%	0.037%
151	13.254	13.244	13.273	VV	519	6244	0.04%	0.002%
152	13.312	13.273	13.350	VV	671596	7719999	50.64%	2.441%
153	13.378	13.350	13.468	VV	346073	4205201	27.58%	1.330%
154	13.481	13.468	13.501	VV	1335	23290	0.15%	0.007%
155	13.546	13.501	13.594	VV	585164	7130407	46.77%	2.254%
156	13.606	13.594	13.694	VV	1028	40250	0.26%	0.013%
157	13.712	13.694	13.741	VV	265	3868	0.03%	0.001%
158	13.780	13.741	13.801	PV	782	18941	0.12%	0.006%
159	13.817	13.801	13.842	VV	617	11919	0.08%	0.004%
160	13.853	13.842	13.871	VV	439	4490	0.03%	0.001%
161	13.894	13.871	13.903	PV	377	4695	0.03%	0.001%
162	13.925	13.903	13.943	VV	963	14393	0.09%	0.005%
163	13.971	13.943	14.005	VV	1809	32403	0.21%	0.010%
164	14.041	14.005	14.054	VV	661	14614	0.10%	0.005%
165	14.085	14.054	14.097	VV	1709	27618	0.18%	0.009%
166	14.133	14.097	14.178	VV	596112	7030808	46.12%	2.223%
167	14.191	14.178	14.234	VV	1693	32326	0.21%	0.010%
168	14.256	14.234	14.294	VV	1069	19220	0.13%	0.006%
169	14.333	14.294	14.390	PV	1768	48560	0.32%	0.015%
170	14.400	14.390	14.414	VV	562	6057	0.04%	0.002%
171	14.428	14.414	14.480	VV	530	10998	0.07%	0.003%
172	14.543	14.480	14.554	PV	1380	36460	0.24%	0.012%
173	14.570	14.554	14.594	VV	1378	24080	0.16%	0.008%
174	14.609	14.594	14.621	VV	820	11197	0.07%	0.004%
175	14.644	14.621	14.664	VV	921	16184	0.11%	0.005%
176	14.695	14.664	14.724	VV	3707	52572	0.34%	0.017%
177	14.758	14.724	14.781	VV	1773	32654	0.21%	0.010%
178	14.827	14.781	14.851	VV	612	19661	0.13%	0.006%
179	14.898	14.851	14.914	PV	891	14484	0.10%	0.005%
180	14.950	14.914	15.000	VV	840	29744	0.20%	0.009%
181	15.014	15.000	15.038	VV	507	5980	0.04%	0.002%
182	15.092	15.038	15.111	PV	1402	31003	0.20%	0.010%
183	15.124	15.111	15.135	VV	582	7235	0.05%	0.002%
184	15.203	15.135	15.219	VV	575489	7287293	47.80%	2.304%
185	15.242	15.219	15.405	VV	1081918	15244645	100.00%	4.820%
186	15.434	15.405	15.473	VV	2284	72900	0.48%	0.023%
187	15.487	15.473	15.521	VV	1420	31088	0.20%	0.010%
188	15.566	15.521	15.581	VV	918	28403	0.19%	0.009%
189	15.624	15.581	15.714	VV	18797	402845	2.64%	0.127%
190	15.758	15.714	15.788	VV	6541	110728	0.73%	0.035%
191	15.830	15.788	15.871	VV	7432	132195	0.87%	0.042%
192	15.895	15.871	15.921	PV	876	13352	0.09%	0.004%
193	15.942	15.921	15.959	VV	889	13453	0.09%	0.004%
194	15.973	15.959	15.989	VV	668	9981	0.07%	0.003%

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195	16.024	15.989	16.041	VV	713	11808	0.08%	0.004%
196	16.077	16.041	16.108	VV	1356	32351	0.21%	0.010%
197	16.150	16.108	16.171	VV	1641	34681	0.23%	0.011%
198	16.186	16.171	16.199	VV	732	9345	0.06%	0.003%
199	16.266	16.199	16.369	VV	525834	6882407	45.15%	2.176%
200	16.459	16.369	16.491	PV	2117	49502	0.32%	0.016%
201	16.503	16.491	16.518	VV	776	10262	0.07%	0.003%
202	16.586	16.518	16.608	VV	3825	96039	0.63%	0.030%
203	16.644	16.608	16.691	VV	3632	90963	0.60%	0.029%
204	16.774	16.691	16.788	VV	543728	7696052	50.48%	2.433%
205	16.806	16.788	16.930	VV	656048	8387722	55.02%	2.652%
206	16.942	16.930	16.964	VV	2936	52559	0.34%	0.017%
207	16.973	16.964	17.002	VV	2292	43832	0.29%	0.014%
208	17.040	17.002	17.080	VV	4309	109700	0.72%	0.035%
209	17.097	17.080	17.121	VV	2656	46385	0.30%	0.015%
210	17.158	17.121	17.186	VV	566522	7533312	49.42%	2.382%
211	17.216	17.186	17.249	VV	505692	7151417	46.91%	2.261%
212	17.263	17.249	17.325	VV	7841	188312	1.24%	0.060%
213	17.334	17.325	17.368	VV	1409	27983	0.18%	0.009%
214	17.401	17.368	17.409	VV	1266	26730	0.18%	0.008%
215	17.463	17.409	17.481	VV	1402	44047	0.29%	0.014%
216	17.543	17.481	17.561	VV	1602	46745	0.31%	0.015%
217	17.591	17.561	17.619	VV	2949	68509	0.45%	0.022%
218	17.663	17.619	17.688	VV	13153	203143	1.33%	0.064%
219	17.700	17.688	17.720	VV	1342	18366	0.12%	0.006%
220	17.778	17.720	17.814	VV	1511	51652	0.34%	0.016%
221	17.842	17.814	17.858	VV	1400	24535	0.16%	0.008%
222	17.867	17.858	17.891	VV	759	10892	0.07%	0.003%
223	17.901	17.891	17.923	VV	411	3283	0.02%	0.001%
224	17.998	17.923	18.019	PV	2154	57745	0.38%	0.018%
225	18.108	18.019	18.168	VV	497368	6685582	43.86%	2.114%
226	18.196	18.168	18.218	VV	2658	53232	0.35%	0.017%
227	18.249	18.218	18.268	VV	4615	82108	0.54%	0.026%
228	18.276	18.268	18.324	VV	2479	65438	0.43%	0.021%
229	18.338	18.324	18.366	VV	2106	38280	0.25%	0.012%
230	18.389	18.366	18.406	VV	1685	33443	0.22%	0.011%
231	18.432	18.406	18.443	VV	3945	63107	0.41%	0.020%
232	18.472	18.443	18.500	VV	10758	243861	1.60%	0.077%
233	18.546	18.500	18.559	VV	559805	8356171	54.81%	2.642%
234	18.576	18.559	18.722	VV	615631	9335229	61.24%	2.951%
235	18.744	18.722	18.754	VV	6188	114481	0.75%	0.036%
236	18.803	18.754	18.899	VV	580340	8938781	58.64%	2.826%
237	18.940	18.899	18.984	VV	488050	6937303	45.51%	2.193%
238	19.020	18.984	19.031	VV	11964	245257	1.61%	0.078%
239	19.037	19.031	19.061	VV	10323	158838	1.04%	0.050%
240	19.096	19.061	19.145	VV	8562	358564	2.35%	0.113%
241	19.217	19.145	19.234	VV	7970	365043	2.39%	0.115%
242	19.302	19.234	19.316	VV	16248	482328	3.16%	0.152%
243	19.334	19.316	19.389	VV	20090	560024	3.67%	0.177%
244	19.437	19.389	19.448	VV	10654	338909	2.22%	0.107%
245	19.470	19.448	19.518	VV	12782	435956	2.86%	0.138%
246	19.581	19.518	19.617	VV	13885	650410	4.27%	0.206%

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247	19.631	19.617	19.660	VV	10830	261750	1.72%	0.083%
248	19.726	19.660	19.770	VV	473984	7185527	47.13%	2.272%
249	19.797	19.770	19.810	VV	16610	353256	2.32%	0.112%
250	19.833	19.810	19.866	VV	21676	624434	4.10%	0.197%
251	19.880	19.866	19.929	VV	18562	618801	4.06%	0.196%
252	20.010	19.929	20.040	VV	21903	1148088	7.53%	0.363%
253	20.077	20.040	20.124	VV	60325	1636347	10.73%	0.517%
254	20.159	20.124	20.194	VV	21883	901268	5.91%	0.285%
255	20.280	20.194	20.309	VV	24446	1558710	10.22%	0.493%
256	20.376	20.309	20.391	VV	28439	1276184	8.37%	0.403%
257	20.467	20.391	20.504	VV	462135	8136748	53.37%	2.573%
258	20.537	20.504	20.547	VV	29517	735562	4.83%	0.233%
259	20.637	20.547	20.649	VV	39350	2130478	13.98%	0.674%
260	20.668	20.649	20.718	VV	38748	1523007	9.99%	0.482%
261	20.731	20.718	20.746	VV	34393	579268	3.80%	0.183%
262	20.768	20.746	20.794	VV	34749	964176	6.32%	0.305%
263	20.827	20.794	20.856	VV	38465	1334925	8.76%	0.422%
264	20.877	20.856	20.900	VV	35647	908989	5.96%	0.287%
265	20.912	20.900	20.927	VV	33599	540101	3.54%	0.171%
266	20.936	20.927	20.975	VV	33368	943090	6.19%	0.298%
267	21.018	20.975	21.051	VV	32820	1446648	9.49%	0.457%
268	21.061	21.051	21.111	VV	30562	1082998	7.10%	0.342%
269	21.117	21.111	21.130	VV	29875	329402	2.16%	0.104%
270	21.142	21.130	21.165	VV	29311	607876	3.99%	0.192%
271	21.215	21.165	21.261	VV	393408	7872689	51.64%	2.489%
272	21.276	21.261	21.284	VV	27050	368250	2.42%	0.116%
273	21.319	21.284	21.381	VV	27445	1507810	9.89%	0.477%
274	21.394	21.381	21.406	VV	23782	351826	2.31%	0.111%
275	21.464	21.406	21.474	VV	23999	968978	6.36%	0.306%
276	21.487	21.474	21.501	VV	24043	382217	2.51%	0.121%
277	21.521	21.501	21.600	VV	23942	1280866	8.40%	0.405%
278	21.650	21.600	21.739	VV	23239	1637480	10.74%	0.518%
279	21.754	21.739	21.768	VV	17306	285866	1.88%	0.090%
280	21.771	21.768	21.783	VV	16613	146751	0.96%	0.046%
281	21.793	21.783	21.804	VV	16469	209107	1.37%	0.066%
282	21.898	21.804	21.949	VV	16930	1412962	9.27%	0.447%
283	21.985	21.949	22.031	VV	14775	699402	4.59%	0.221%
284	22.042	22.031	22.072	VV	13237	320461	2.10%	0.101%
285	22.150	22.072	22.215	VV	279878	7435431	48.77%	2.351%
286	22.233	22.215	22.397	VV	10034	849586	5.57%	0.269%
287	22.448	22.397	22.458	VV	6072	197835	1.30%	0.063%
288	22.489	22.458	22.561	VV	5619	248653	1.63%	0.079%
289	22.591	22.561	22.681	VV	2853	122298	0.80%	0.039%
Sum of corrected areas:					316291443			

Aliphatic EPH 112725.M Tue Dec 02 04:03:18 2025