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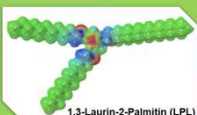
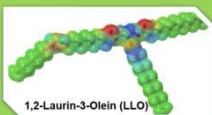
**Retention time = f(Nb of Carbons)**

$R_{unres} = 0$   
 $\Delta R_{unres} = 0$   
 $R_{res} = 0,1$   
 $\Delta R_{res} = 25,03$

POP  
 OOP  
 LLM  
 LPL  
 LLO  
 MOM  
 CPC  
 PBP  
 MPB  
 CuO/Ca

$COC = y = 1,205x + 0,192$   
 $R^2 = 0,982$   
 $y = 0,881x + 0,314$   
 $R^2 = 0,914$

Legend:  
 • Saturated  
 • Di-unsaturated  
 • Mono-unsaturated



	Parent ion (uma)	Capillary (kV)	Cone (V)	Extractor (V)	Adduct (uma)	Formula	MW (uma)	Group
PPB	661,37	4,00	70	3	22,37	C <sub>30</sub> H <sub>19</sub> O <sub>8</sub>	639,00	TG38:0
LPL	712,43	3,60	47	3	17,32	C <sub>43</sub> H <sub>62</sub> O <sub>8</sub>	695,11	TG40:0
CPC	661,37	4,50	61	3	22,37	C <sub>30</sub> H <sub>19</sub> O <sub>8</sub>	639,00	TG38:0
LLO	743,51	3,80	68	3	22,37	C <sub>44</sub> H <sub>70</sub> O <sub>8</sub>	721,21	TG42:0

Gradient :	Gradient step	Time (min)	% A	% B	Gradient step	Time (min)	% A	% B
	1	-	60,0	40,0	4	18,00	99,0	1,0
	2	3,00	46,0	54,0	5	18,10	60,0	40,0
	3	3,10	70,0	30,0	6	20,00	60,0	40,0

Figure 1 displays MS/MS spectra of the precursor ion  $m/z$  100 for four compounds: CPC, LPL, LLO, and PPB. The figure is organized into two rows and four columns. The top row shows the precursor ion scan (m/z 100) for each compound, with a table of peaks (m/z, relative intensity, collision energy) provided for each. The bottom row shows the corresponding daughter ion scans (m/z 100) for the same compounds. The x-axis for all plots is  $m/z$  (0 to 600), and the y-axis is relative intensity (0 to 100).

**Top Row: Precursor Ion Scan (m/z 100)**

- CPC:**

Precursor Mass	Product Mass	Low Voltage	Collision Energy
100.10	71.1	51.00	40.00
100.10	101.2	51.00	50.00
- LPL:**

Precursor Mass	Product Mass	Low Voltage	Collision Energy
101.08	81.0	50.00	40.00
101.08	101.4	50.00	50.00
- LLO:**

Precursor Mass	Product Mass	Low Voltage	Collision Energy
101.10	71.3	50.00	30.00
101.10	101.3	50.00	50.00
- PPB:**

Precursor Mass	Product Mass	Low Voltage	Collision Energy
101.06	71.4	50.00	40.00

**Bottom Row: Daughter Ion Scan (m/z 100)**

- CPC:** Shows a prominent peak at  $m/z$  100.
- LPL:** Shows a prominent peak at  $m/z$  100.
- LLO:** Shows a prominent peak at  $m/z$  100.
- PPB:** Shows a prominent peak at  $m/z$  100.



SCAN ME