

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061225AL\
 Data File : FC069196.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 00:04
 Operator : YP/AJ
 Sample : Q2126-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 13 02:19:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.114	2935359	32.719 ug/ml
Spiked Amount 50.000		Recovery =	65.44%
Target Compounds			
1) T n-Nonane (C9)	3.406	190336	1.794 ug/ml
2) T n-Decane (C10)	4.480	223617	2.111 ug/ml
4) T n-Dodecane (C12)	6.505	269362	2.562 ug/mlm
6) T n-Tetradecane (C14)	8.304	279388	2.726 ug/ml
7) T n-Hexadecane (C16)	9.909	272392	2.685 ug/mlm
8) T n-Octadecane (C18)	11.353	280326	2.805 ug/mlm
10) T n-Eicosane (C20)	12.665	275670	2.830 ug/ml
11) T n-Heneicosane (C21)	13.279	256778	2.668 ug/ml
13) T n-Docosane (C22)	13.865	265887	2.791 ug/mlm
14) T n-Tetracosane (C24)	14.972	258194	2.742 ug/ml
15) T n-Hexacosane (C26)	15.994	252192	2.716 ug/ml
16) T n-Octacosane (C28)	16.946	254396	2.737 ug/ml
17) T n-Tricontane (C30)	17.834	258757	2.674 ug/ml
18) T n-Dotriacontane (C32)	18.669	268221	2.707 ug/ml
19) T n-Tetratriacontane (C34)	19.455	257815	2.675 ug/ml
20) T n-Hexatriacontane (C36)	20.196	233091	2.455 ug/ml
21) T n-Octatriacontane (C38)	20.965	213096	2.336 ug/ml
22) T n-Tetracontane (C40)	21.931	201697	2.286 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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