

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069771.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 15:55
 Operator : YP/AJ
 Sample : Q2893-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: sample.E
 Quant Time: Aug 29 01:19:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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...	13.098	4361496	45.582 ug/ml
Spiked Amount 50.000		Recovery =	91.16%
Target Compounds			
1) T n-Nonane (C9)	3.397	264957	2.113 ug/ml
2) T n-Decane (C10)	4.467	307640	2.414 ug/ml
4) T n-Dodecane (C12)	6.491	359127	2.803 ug/ml
6) T n-Tetradecane (C14)	8.289	395326	3.100 ug/ml
7) T n-Hexadecane (C16)	9.893	360646	2.793 ug/mlm
8) T n-Octadecane (C18)	11.337	398464	3.178 ug/ml
10) T n-Eicosane (C20)	12.648	391270	3.371 ug/ml
11) T n-Heneicosane (C21)	13.261	353889	3.165 ug/ml
13) T n-Docosane (C22)	13.848	357066	3.272 ug/ml
14) T n-Tetracosane (C24)	14.954	342133	3.262 ug/mlm
15) T n-Hexacosane (C26)	15.975	321587	3.209 ug/mlm
16) T n-Octacosane (C28)	16.927	315477	3.277 ug/ml
17) T n-Tricontane (C30)	17.816	317024	3.296 ug/ml
18) T n-Dotriacontane (C32)	18.651	321822	3.455 ug/ml
19) T n-Tetratriacontane (C34)	19.434	306385	3.550 ug/ml
20) T n-Hexatriacontane (C36)	20.177	281637	3.692 ug/ml
21) T n-Octatriacontane (C38)	20.939	257072	3.656 ug/ml
22) T n-Tetracontane (C40)	21.901	223945	3.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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