

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016018.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2025 09:52
 Operator : YP\AJ
 Sample : Q2126-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
 Quant Time: Jun 18 02:56:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:15:40 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...	13.439	4432501	39.533 ug/ml
Spiked Amount 50.000		Recovery =	79.07%
Target Compounds			
1) T n-Nonane (C9)	3.366	162193	1.383 ug/ml
2) T n-Decane (C10)	4.623	204246	1.707 ug/mlm
4) T n-Dodecane (C12)	6.796	240073	1.983 ug/ml
6) T n-Tetradecane (C14)	8.627	273280	2.247 ug/ml
7) T n-Hexadecane (C16)	10.235	246806	1.950 ug/ml
8) T n-Octadecane (C18)	11.679	274944	2.108 ug/ml
10) T n-Eicosane (C20)	12.990	287033	2.235 ug/ml
11) T n-Heneicosane (C21)	13.603	264174	2.074 ug/ml
13) T n-Docosane (C22)	14.190	279856	2.187 ug/ml
14) T n-Tetracosane (C24)	15.295	285596	2.201 ug/mlm
15) T n-Hexacosane (C26)	16.318	276585	2.156 ug/ml
16) T n-Octacosane (C28)	17.269	295335	2.354 ug/ml
17) T n-Tricontane (C30)	18.158	335685	2.684 ug/mlm
18) T n-Dotriacontane (C32)	18.993	345892	2.926 ug/ml
19) T n-Tetratriacontane (C34)	19.777	299927	2.846 ug/ml
20) T n-Hexatriacontane (C36)	20.518	257214	2.858 ug/ml
21) T n-Octatriacontane (C38)	21.279	228246	2.824 ug/ml
22) T n-Tetracontane (C40)	22.234	191328	2.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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