

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
 Data File : FG016096.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 12:26
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:00:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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...	13.538	5385439	53.446 ug/ml
Spiked Amount 50.000		Recovery =	106.89%
Target Compounds			
1) T n-Nonane (C9)	3.422	317852	2.938 ug/ml
2) T n-Decane (C10)	4.680	390367	3.559 ug/ml
4) T n-Dodecane (C12)	6.857	448361	4.072 ug/ml
6) T n-Tetradecane (C14)	8.695	487374	4.438 ug/ml
7) T n-Hexadecane (C16)	10.313	471144	4.139 ug/ml
8) T n-Octadecane (C18)	11.765	505973	4.346 ug/ml
10) T n-Eicosane (C20)	13.084	543804	4.778 ug/ml
11) T n-Heneicosane (C21)	13.701	520103	4.594 ug/ml
13) T n-Docosane (C22)	14.290	536606	4.720 ug/ml
14) T n-Tetracosane (C24)	15.400	537164	4.658 ug/mlm
15) T n-Hexacosane (C26)	16.427	535598	4.654 ug/ml
16) T n-Octacosane (C28)	17.382	550190	4.848 ug/ml
17) T n-Tricontane (C30)	18.274	598907	5.231 ug/ml
18) T n-Dotriacontane (C32)	19.110	600290	5.506 ug/ml
19) T n-Tetratriacontane (C34)	19.898	561309	5.674 ug/ml
20) T n-Hexatriacontane (C36)	20.641	502169	5.916 ug/ml
21) T n-Octatriacontane (C38)	21.430	454643	6.022 ug/ml
22) T n-Tetracontane (C40)	22.436	401619	5.808 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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