

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017142.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 13:30
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 10 01:25:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 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...	13.473	5014313	43.231 ug/ml
Spiked Amount 50.000		Recovery =	86.46%
Target Compounds			
1) T n-Nonane (C9)	3.353	378088	3.081 ug/ml
2) T n-Decane (C10)	4.613	486929	3.908 ug/ml
4) T n-Dodecane (C12)	6.793	588997	4.641 ug/ml
6) T n-Tetradecane (C14)	8.632	595477	4.767 ug/ml
7) T n-Hexadecane (C16)	10.250	561921	4.372 ug/ml
8) T n-Octadecane (C18)	11.702	627696	4.623 ug/ml
10) T n-Eicosane (C20)	13.020	707850	5.173 ug/ml
11) T n-Heneicosane (C21)	13.637	641738	4.731 ug/ml
13) T n-Docosane (C22)	14.228	658223	4.794 ug/ml
14) T n-Tetracosane (C24)	15.339	612644	4.330 ug/ml
15) T n-Hexacosane (C26)	16.366	590245	4.251 ug/ml
16) T n-Octacosane (C28)	17.321	587439	4.194 ug/ml
17) T n-Tricontane (C30)	18.214	620881	4.181 ug/ml
18) T n-Dotriacontane (C32)	19.054	655371	4.376 ug/ml
19) T n-Tetratriacontane (C34)	19.841	612282	4.664 ug/ml
20) T n-Hexatriacontane (C36)	20.586	541354	5.142 ug/ml
21) T n-Octatriacontane (C38)	21.360	519957	5.678 ug/ml
22) T n-Tetracontane (C40)	22.339	475698	5.835 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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