

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057322.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 21:06
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 12 00:20:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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...	13.366	5531650	33.238 ug/ml
Spiked Amount 50.000		Recovery =	66.48%
Target Compounds			
1) T n-Nonane (C9)	3.290	203285	1.039 ug/ml
2) T n-Decane (C10)	4.542	255145	1.261 ug/ml
4) T n-Dodecane (C12)	6.713	344007	1.686 ug/ml
6) T n-Tetradecane (C14)	8.546	332917	1.654 ug/ml
7) T n-Hexadecane (C16)	10.158	321770	1.569 ug/ml
8) T n-Octadecane (C18)	11.605	368335	1.787 ug/ml
10) T n-Eicosane (C20)	12.917	401145	2.039 ug/ml
11) T n-Heneicosane (C21)	13.530	341931	1.780 ug/ml
13) T n-Docosane (C22)	14.118	372094	1.928 ug/ml
14) T n-Tetracosane (C24)	15.225	353879	1.787 ug/ml
15) T n-Hexacosane (C26)	16.248	364962	1.840 ug/ml
16) T n-Octacosane (C28)	17.199	391960	1.907 ug/ml
17) T n-Tricontane (C30)	18.090	461228	2.055 ug/ml
18) T n-Dotriacontane (C32)	18.923	516582	2.213 ug/ml
19) T n-Tetratriacontane (C34)	19.709	504553	2.362 ug/ml
20) T n-Hexatriacontane (C36)	20.451	468767	2.518 ug/ml
21) T n-Octatriacontane (C38)	21.196	461881	2.665 ug/ml
22) T n-Tetracontane (C40)	22.122	417627	2.478 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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