

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057323.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 21:37
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 22 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 12 00:20:42 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...	13.367	6154056	36.977 ug/ml
Spiked Amount 50.000		Recovery =	73.95%
Target Compounds			
1) T n-Nonane (C9)	3.290	345706	1.767 ug/ml
2) T n-Decane (C10)	4.542	453919	2.244 ug/ml
4) T n-Dodecane (C12)	6.713	558479	2.736 ug/ml
6) T n-Tetradecane (C14)	8.546	589457	2.929 ug/ml
7) T n-Hexadecane (C16)	10.158	550175	2.683 ug/ml
8) T n-Octadecane (C18)	11.604	620837	3.012 ug/ml
10) T n-Eicosane (C20)	12.917	678678	3.450 ug/ml
11) T n-Heneicosane (C21)	13.530	586896	3.055 ug/ml
13) T n-Docosane (C22)	14.118	628169	3.254 ug/ml
14) T n-Tetracosane (C24)	15.224	619098	3.126 ug/ml
15) T n-Hexacosane (C26)	16.247	626430	3.158 ug/ml
16) T n-Octacosane (C28)	17.199	746663	3.633 ug/ml
17) T n-Tricontane (C30)	18.089	1140810	5.083 ug/ml
18) T n-Dotriacontane (C32)	18.924	1569337	6.723 ug/ml
19) T n-Tetratriacontane (C34)	19.709	1571781	7.359 ug/ml
20) T n-Hexatriacontane (C36)	20.451	1317289	7.077 ug/ml
21) T n-Octatriacontane (C38)	21.196	1177608	6.795 ug/ml
22) T n-Tetracontane (C40)	22.123	1053613	6.252 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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