

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120825AL\
 Data File : FF016862.D
 Signal(s) : FID2B.ch
 Acq On : 08 Dec 2025 16:51
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 73 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File: autoint1.e
 Quant Time: Dec 09 04:34:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:19:27 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...	13.386	2305874	20.088 ug/mlm
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.302	192518	1.605 ug/ml
2) T n-Decane (C10)	4.560	247443	2.024 ug/ml
4) T n-Dodecane (C12)	6.738	315769	2.564 ug/ml
6) T n-Tetradecane (C14)	8.570	320961	2.644 ug/ml
7) T n-Hexadecane (C16)	10.180	285884	2.249 ug/mlm
8) T n-Octadecane (C18)	11.625	321693	2.435 ug/ml
10) T n-Eicosane (C20)	12.938	361717	2.747 ug/ml
11) T n-Heneicosane (C21)	13.552	302792	2.319 ug/ml
13) T n-Docosane (C22)	14.140	339692	2.555 ug/ml
14) T n-Tetracosane (C24)	15.246	329507	2.369 ug/ml
15) T n-Hexacosane (C26)	16.271	311387	2.248 ug/ml
16) T n-Octacosane (C28)	17.225	309228	2.237 ug/ml
17) T n-Tricontane (C30)	18.116	316868	2.253 ug/ml
18) T n-Dotriacontane (C32)	18.951	306576	2.262 ug/ml
19) T n-Tetratriacontane (C34)	19.737	304451	2.574 ug/ml
20) T n-Hexatriacontane (C36)	20.481	307265	3.132 ug/ml
21) T n-Octatriacontane (C38)	21.234	267751	3.042 ug/ml
22) T n-Tetracontane (C40)	22.173	231824	2.734 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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