

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055683.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 11:30
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File: sample.E
 Quant Time: Sep 06 01:40:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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...	13.509	3618004	28.934 ug/ml
Spiked Amount 50.000		Recovery =	57.87%
Target Compounds			
1) T n-Nonane (C9)	3.411	175681	1.384 ug/ml
2) T n-Decane (C10)	4.670	212936	1.662 ug/ml
4) T n-Dodecane (C12)	6.844	247997	1.905 ug/ml
6) T n-Tetradecane (C14)	8.681	294327	2.235 ug/ml
7) T n-Hexadecane (C16)	10.295	261269	1.886 ug/mlm
8) T n-Octadecane (C18)	11.745	295430	2.025 ug/ml
10) T n-Eicosane (C20)	13.059	316014	2.195 ug/ml
11) T n-Heneicosane (C21)	13.673	286522	2.006 ug/mlm
13) T n-Docosane (C22)	14.262	299653	2.093 ug/ml
14) T n-Tetracosane (C24)	15.368	318936	2.204 ug/mlm
15) T n-Hexacosane (C26)	16.391	299552	2.097 ug/mlm
16) T n-Octacosane (C28)	17.344	322061	2.264 ug/ml
17) T n-Tricontane (C30)	18.233	376428	2.547 ug/ml
18) T n-Dotriacontane (C32)	19.068	396435	2.701 ug/ml
19) T n-Tetratriacontane (C34)	19.852	364275	2.578 ug/ml
20) T n-Hexatriacontane (C36)	20.594	337691	2.559 ug/ml
21) T n-Octatriacontane (C38)	21.369	325548	2.500 ug/ml
22) T n-Tetracontane (C40)	22.354	291295	2.271 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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