

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925AL\
 Data File : FE052134.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jan 2025 23:26
 Operator : YP\AJ
 Sample : Q1168-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 01:30:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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...	13.608	4922092	42.907 ug/ml
Spiked Amount 50.000		Recovery =	85.81%
Target Compounds			
1) T n-Nonane (C9)	3.674	136840	1.284 ug/ml
2) T n-Decane (C10)	4.901	178467	1.630 ug/ml
4) T n-Dodecane (C12)	7.028	237129	2.101 ug/ml
6) T n-Tetradecane (C14)	8.833	233129	2.004 ug/ml
7) T n-Hexadecane (C16)	10.427	245247	1.945 ug/ml
8) T n-Octadecane (C18)	11.858	280062	2.117 ug/ml
10) T n-Eicosane (C20)	13.159	313439	2.391 ug/ml
11) T n-Heneicosane (C21)	13.768	284116	2.183 ug/ml
13) T n-Docosane (C22)	14.351	355750	2.711 ug/ml
14) T n-Tetracosane (C24)	15.448	494243	3.721 ug/ml
15) T n-Hexacosane (C26)	16.465	535438	4.051 ug/mlm
16) T n-Octacosane (C28)	17.410	576061	4.365 ug/ml
17) T n-Tricontane (C30)	18.294	594668	4.362 ug/mlm
18) T n-Dotriacontane (C32)	19.125	557095	4.251 ug/ml
19) T n-Tetratriacontane (C34)	19.905	423237	3.759 ug/mlm
20) T n-Hexatriacontane (C36)	20.644	337930	3.558 ug/ml
21) T n-Octatriacontane (C38)	21.423	289096	3.347 ug/mlm
22) T n-Tetracontane (C40)	22.421	262900	3.190 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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