

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
 Data File : FE050658.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 03:26
 Operator : YP\AJ
 Sample : P4368-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 05:37:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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...	13.291	3320215	28.068 ug/ml
Spiked Amount 50.000		Recovery =	56.14%
Target Compounds			
1) T n-Nonane (C9)	3.250	347548	2.460 ug/ml
2) T n-Decane (C10)	4.499	424510	2.959 ug/ml
4) T n-Dodecane (C12)	6.664	522364	3.629 ug/ml
6) T n-Tetradecane (C14)	8.489	519593	3.632 ug/mlm
7) T n-Hexadecane (C16)	10.096	492541	3.347 ug/mlm
8) T n-Octadecane (C18)	11.536	511351	3.423 ug/ml
10) T n-Eicosane (C20)	12.843	531717	3.708 ug/ml
11) T n-Heneicosane (C21)	13.454	506412	3.606 ug/ml
13) T n-Docosane (C22)	14.040	505899	3.606 ug/ml
14) T n-Tetracosane (C24)	15.141	496025	3.511 ug/mlm
15) T n-Hexacosane (C26)	16.161	516092	3.668 ug/ml
16) T n-Octacosane (C28)	17.109	532774	3.641 ug/ml
17) T n-Tricontane (C30)	17.995	578410	3.638 ug/ml
18) T n-Dotriacontane (C32)	18.826	616367	3.802 ug/ml
19) T n-Tetratriacontane (C34)	19.609	601507	4.095 ug/ml
20) T n-Hexatriacontane (C36)	20.348	565041	4.456 ug/ml
21) T n-Octatriacontane (C38)	21.073	570071	4.610 ug/ml
22) T n-Tetracontane (C40)	21.955	504227	4.528 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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