

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100622AL\
 Data File : FD044053.D
 Signal(s) : FID2B.ch
 Acq On : 07 Oct 2022 00:49
 Operator : YP/AJ
 Sample : N4955-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 04:26:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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...	12.721	3075321	24.453 ug/ml
Spiked Amount 50.000		Recovery =	48.91%
Target Compounds			
1) T n-Nonane (C9)	3.141	282905	2.095 ug/mlm
2) T n-Decane (C10)	4.192	341499	2.542 ug/mlm
4) T n-Dodecane (C12)	6.188	521064	3.750 ug/mlm
6) T n-Tetradecane (C14)	7.968	458557	3.294 ug/ml
7) T n-Hexadecane (C16)	9.554	447348	3.172 ug/ml
8) T n-Octadecane (C18)	10.983	506095	3.481 ug/ml
10) T n-Eicosane (C20)	12.280	530422	3.577 ug/ml
11) T n-Heneicosane (C21)	12.887	546303	3.641 ug/ml
13) T n-Docosane (C22)	13.467	550371	3.661 ug/ml
14) T n-Tetracosane (C24)	14.559	545177	3.612 ug/ml
15) T n-Hexacosane (C26)	15.569	554913	3.665 ug/ml
16) T n-Octacosane (C28)	16.509	557275	3.699 ug/ml
17) T n-Tricontane (C30)	17.387	561241	3.662 ug/ml
18) T n-Dotriacontane (C32)	18.209	563043	3.671 ug/ml
19) T n-Tetratriacontane (C34)	18.984	544782	3.701 ug/ml
20) T n-Hexatriacontane (C36)	19.715	512457	3.495 ug/ml
21) T n-Octatriacontane (C38)	20.406	466339	3.343 ug/ml
22) T n-Tetracontane (C40)	21.167	425190	3.269 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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