

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100523AL\
 Data File : FC064742.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 11:29
 Operator : YP/AJ
 Sample : 04699-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
 Quant Time: Oct 05 23:53:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 2023
 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...	12.952	5559807	38.171 ug/ml
Spiked Amount 50.000		Recovery =	76.34%
Target Compounds			
1) T n-Nonane (C9)	3.329	553805	3.134 ug/ml
2) T n-Decane (C10)	4.386	696323	3.876 ug/ml
4) T n-Dodecane (C12)	6.392	922417	5.078 ug/ml
6) T n-Tetradecane (C14)	8.179	882080	4.971 ug/ml
7) T n-Hexadecane (C16)	9.772	967604	5.383 ug/ml
8) T n-Octadecane (C18)	11.206	978055	5.402 ug/ml
10) T n-Eicosane (C20)	12.508	982068	5.765 ug/ml
11) T n-Heneicosane (C21)	13.118	918349	5.545 ug/ml
13) T n-Docosane (C22)	13.701	912222	5.600 ug/ml
14) T n-Tetracosane (C24)	14.799	876877	5.523 ug/ml
15) T n-Hexacosane (C26)	15.814	833903	5.463 ug/ml
16) T n-Octacosane (C28)	16.760	802657	5.423 ug/ml
17) T n-Tricontane (C30)	17.640	790854	5.324 ug/ml
18) T n-Dotriacontane (C32)	18.472	771435	5.286 ug/ml
19) T n-Tetratriacontane (C34)	19.249	743408	5.229 ug/ml
20) T n-Hexatriacontane (C36)	19.985	693052	5.032 ug/ml
21) T n-Octatriacontane (C38)	20.705	658006	4.801 ug/ml
22) T n-Tetracontane (C40)	21.587	614813	4.520 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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