

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AL\
 Data File : FF015347.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 03:44
 Operator : YP\AJ
 Sample : Q1168-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 05:16:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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...	13.367	5197113	42.683 ug/ml
Spiked Amount 50.000		Recovery =	85.37%
Target Compounds			
1) T n-Nonane (C9)	3.315	387510	2.985 ug/ml
2) T n-Decane (C10)	4.568	452032	3.402 ug/ml
4) T n-Dodecane (C12)	6.731	504998	3.715 ug/ml
6) T n-Tetradecane (C14)	8.557	532305	3.871 ug/ml
7) T n-Hexadecane (C16)	10.164	553069	3.817 ug/ml
8) T n-Octadecane (C18)	11.608	605068	4.071 ug/ml
10) T n-Eicosane (C20)	12.918	610410	4.253 ug/ml
11) T n-Heneicosane (C21)	13.531	591057	4.180 ug/ml
13) T n-Docosane (C22)	14.118	580413	4.128 ug/ml
14) T n-Tetracosane (C24)	15.223	559950	4.023 ug/ml
15) T n-Hexacosane (C26)	16.246	533316	3.937 ug/ml
16) T n-Octacosane (C28)	17.198	517154	3.930 ug/ml
17) T n-Tricontane (C30)	18.087	521525	3.931 ug/ml
18) T n-Dotriacontane (C32)	18.921	521593	4.136 ug/ml
19) T n-Tetratriacontane (C34)	19.707	490661	4.506 ug/mlm
20) T n-Hexatriacontane (C36)	20.448	461711	4.945 ug/mlm
21) T n-Octatriacontane (C38)	21.189	452417	5.155 ug/mlm
22) T n-Tetracontane (C40)	22.120	371618	4.384 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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