

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012825AL\
 Data File : FE052110.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jan 2025 17:59
 Operator : YP\AJ
 Sample : Q1168-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 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 03:05:55 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...	13.612	4900297	42.717 ug/ml
Spiked Amount 50.000		Recovery =	85.43%
Target Compounds			
1) T n-Nonane (C9)	3.678	298691	2.802 ug/ml
2) T n-Decane (C10)	4.904	370819	3.387 ug/ml
4) T n-Dodecane (C12)	7.031	464603	4.116 ug/ml
6) T n-Tetradecane (C14)	8.837	467458	4.019 ug/ml
7) T n-Hexadecane (C16)	10.430	489933	3.885 ug/ml
8) T n-Octadecane (C18)	11.862	538621	4.071 ug/ml
10) T n-Eicosane (C20)	13.164	586563	4.474 ug/ml
11) T n-Heneicosane (C21)	13.772	565616	4.345 ug/ml
13) T n-Docosane (C22)	14.356	570040	4.344 ug/ml
14) T n-Tetracosane (C24)	15.454	604804	4.553 ug/ml
15) T n-Hexacosane (C26)	16.469	550059	4.161 ug/mlm
16) T n-Octacosane (C28)	17.416	551623	4.179 ug/ml
17) T n-Tricontane (C30)	18.301	580617	4.259 ug/ml
18) T n-Dotriacontane (C32)	19.131	591628	4.514 ug/ml
19) T n-Tetratriacontane (C34)	19.912	558545	4.961 ug/ml
20) T n-Hexatriacontane (C36)	20.650	515598	5.428 ug/ml
21) T n-Octatriacontane (C38)	21.434	499737	5.785 ug/mlm
22) T n-Tetracontane (C40)	22.433	475773	5.773 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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