

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049325.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 10:13
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 01:18:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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...	13.343	3424839	29.313 ug/ml
Spiked Amount 50.000		Recovery =	58.63%
Target Compounds			
1) T n-Nonane (C9)	3.294	189732	1.262 ug/ml
2) T n-Decane (C10)	4.544	238495	1.544 ug/ml
4) T n-Dodecane (C12)	6.710	350657	2.277 ug/ml
6) T n-Tetradecane (C14)	8.538	345835	2.279 ug/ml
7) T n-Hexadecane (C16)	10.145	274347	1.809 ug/ml
8) T n-Octadecane (C18)	11.587	283972	1.870 ug/ml
10) T n-Eicosane (C20)	12.896	298977	2.068 ug/ml
11) T n-Heneicosane (C21)	13.508	281874	1.988 ug/ml
13) T n-Docosane (C22)	14.094	292440	2.082 ug/ml
14) T n-Tetracosane (C24)	15.197	296940	2.119 ug/ml
15) T n-Hexacosane (C26)	16.216	315243	2.248 ug/ml
16) T n-Octacosane (C28)	17.165	285770	2.042 ug/mlm
17) T n-Tricontane (C30)	18.051	324340	2.223 ug/mlm
18) T n-Dotriacontane (C32)	18.883	328043	2.231 ug/mlm
19) T n-Tetratriacontane (C34)	19.665	323909	2.218 ug/mlm
20) T n-Hexatriacontane (C36)	20.406	336889	2.337 ug/ml
21) T n-Octatriacontane (C38)	21.138	326240	2.179 ug/ml
22) T n-Tetracontane (C40)	22.040	308823	2.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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