

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090925AL\
 Data File : FF016355.D
 Signal(s) : FID2B.ch
 Acq On : 09 Sep 2025 11:06
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/10/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File: autoint1.e
 Quant Time: Sep 10 01:30:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 03:35:42 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...	13.410	3239165	29.039 ug/mlm
Spiked Amount 50.000		Recovery =	58.08%
Target Compounds			
1) T n-Nonane (C9)	3.323	156808	1.341 ug/ml
3) T A~Naphthalene (C11.7)	6.301	34365	0.263 ug/ml
4) T n-Dodecane (C12)	6.762	215106	1.792 ug/ml
6) T n-Tetradecane (C14)	8.595	267669	2.221 ug/ml
7) T n-Hexadecane (C16)	10.206	219643	1.759 ug/mlm
8) T n-Octadecane (C18)	11.651	264111	2.039 ug/mlm
10) T n-Eicosane (C20)	12.963	283396	2.216 ug/ml
11) T n-Heneicosane (C21)	13.577	260495	2.052 ug/ml
13) T n-Docosane (C22)	14.165	269022	2.119 ug/ml
14) T n-Tetracosane (C24)	15.270	271781	2.125 ug/mlm
15) T n-Hexacosane (C26)	16.293	263011	2.104 ug/mlm
16) T n-Octacosane (C28)	17.247	256840	2.096 ug/mlm
17) T n-Tricontane (C30)	18.137	286507	2.301 ug/ml
18) T n-Dotriacontane (C32)	18.973	300905	2.497 ug/ml
19) T n-Tetratriacontane (C34)	19.758	278143	2.551 ug/ml
20) T n-Hexatriacontane (C36)	20.500	239027	2.561 ug/ml
21) T n-Octatriacontane (C38)	21.259	210536	2.503 ug/ml
22) T n-Tetracontane (C40)	22.211	188706	2.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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