

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080823AL\
 Data File : FC064347.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2023 11:29
 Operator : YP/AJ
 Sample : 03572-09
 Misc : MDL 2.5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: autoint1.e
 Quant Time: Aug 09 02:03:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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...	12.950	5355843	42.469 ug/ml
Spiked Amount 50.000		Recovery =	84.94%
Target Compounds			
1) T n-Nonane (C9)	3.310	338352	2.085 ug/mlm
2) T n-Decane (C10)	4.370	316493	1.935 ug/mlm
4) T n-Dodecane (C12)	6.383	301998	1.850 ug/mlm
6) T n-Tetradecane (C14)	8.175	339122	2.160 ug/mlm
7) T n-Hexadecane (C16)	9.771	304406	1.936 ug/mlm
8) T n-Octadecane (C18)	11.204	400277	2.526 ug/mlm
10) T n-Eicosane (C20)	12.509	299617	2.008 ug/ml
11) T n-Heneicosane (C21)	13.118	290755	1.992 ug/ml
13) T n-Docosane (C22)	13.706	282377	1.978 ug/mlm
14) T n-Tetracosane (C24)	14.803	273961	1.950 ug/ml
15) T n-Hexacosane (C26)	15.820	275795	2.008 ug/ml
16) T n-Octacosane (C28)	16.769	281920	2.102 ug/ml
17) T n-Tricontane (C30)	17.650	283429	2.042 ug/ml
18) T n-Dotriacontane (C32)	18.479	288208	2.048 ug/ml
19) T n-Tetratriacontane (C34)	19.259	260031	1.873 ug/ml
20) T n-Hexatriacontane (C36)	19.995	230956	1.702 ug/mlm
21) T n-Octatriacontane (C38)	20.721	161226	1.189 ug/ml
22) T n-Tetracontane (C40)	21.611	121838	0.907 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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