

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047223.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2024 11:47
 Operator : YP/AJ
 Sample : P1187-08
 Misc : AL LOQ 5 PPM
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Integration File: autoint1.e
 Quant Time: Feb 11 23:06:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 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...	12.794	5064175	36.590 ug/ml
Spiked Amount 50.000		Recovery =	73.18%
Target Compounds			
1) T n-Nonane (C9)	3.198	487539	3.116 ug/ml
2) T n-Decane (C10)	4.249	628461	3.932 ug/ml
4) T n-Dodecane (C12)	6.248	889092	5.482 ug/ml
6) T n-Tetradecane (C14)	8.030	785221	4.854 ug/ml
7) T n-Hexadecane (C16)	9.621	801027	4.781 ug/ml
8) T n-Octadecane (C18)	11.051	870807	5.117 ug/mlm
10) T n-Eicosane (C20)	12.351	923124	5.609 ug/mlm
11) T n-Heneicosane (C21)	12.960	894335	5.514 ug/ml
13) T n-Docosane (C22)	13.542	914163	5.679 ug/ml
14) T n-Tetracosane (C24)	14.636	908513	5.704 ug/mlm
15) T n-Hexacosane (C26)	15.649	882710	5.685 ug/ml
16) T n-Octacosane (C28)	16.591	897238	5.995 ug/mlm
17) T n-Tricontane (C30)	17.472	920216	6.218 ug/ml
18) T n-Dotriacontane (C32)	18.297	902823	6.402 ug/ml
19) T n-Tetratriacontane (C34)	19.074	824045	6.226 ug/ml
20) T n-Hexatriacontane (C36)	19.808	724377	5.823 ug/ml
21) T n-Octatriacontane (C38)	20.505	630503	5.270 ug/ml
22) T n-Tetracontane (C40)	21.311	551560	4.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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