

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
 Data File : FE050661.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 04:57
 Operator : YP\AJ
 Sample : P4368-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 05:38:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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...	13.291	3046442	25.753 ug/ml
Spiked Amount 50.000		Recovery =	51.51%
Target Compounds			
1) T n-Nonane (C9)	3.250	313636	2.220 ug/ml
2) T n-Decane (C10)	4.498	383003	2.669 ug/mlm
4) T n-Dodecane (C12)	6.665	450237	3.128 ug/ml
6) T n-Tetradecane (C14)	8.490	488156	3.412 ug/ml
7) T n-Hexadecane (C16)	10.095	453358	3.081 ug/mlm
8) T n-Octadecane (C18)	11.537	500288	3.349 ug/ml
10) T n-Eicosane (C20)	12.844	548956	3.828 ug/ml
11) T n-Heneicosane (C21)	13.454	476834	3.395 ug/ml
13) T n-Docosane (C22)	14.040	623298	4.443 ug/ml
14) T n-Tetracosane (C24)	15.141	838461	5.935 ug/ml
15) T n-Hexacosane (C26)	16.160	995636	7.075 ug/ml
16) T n-Octacosane (C28)	17.108	1167734	7.980 ug/ml
17) T n-Tricontane (C30)	17.995	1248504	7.852 ug/mlm
18) T n-Dotriacontane (C32)	18.826	1211612	7.474 ug/mlm
19) T n-Tetratriacontane (C34)	19.609	877170	5.972 ug/ml
20) T n-Hexatriacontane (C36)	20.349	702936	5.543 ug/ml
21) T n-Octatriacontane (C38)	21.073	605357	4.896 ug/ml
22) T n-Tetracontane (C40)	21.956	512412	4.602 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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