

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121124AL\
 Data File : FC067990.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2024 23:45
 Operator : YP/AJ
 Sample : P5194-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

UST-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 03:34:38 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 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...	12.913	5821680	45.627 ug/ml
Spiked Amount 50.000		Recovery =	91.25%
Target Compounds			
1) T n-Nonane (C9)	3.251	2499893	16.090 ug/ml
2) T n-Decane (C10)	4.313	3156197	19.910 ug/mlm
4) T n-Dodecane (C12)	6.329	3787179	23.521 ug/ml
6) T n-Tetradecane (C14)	8.122	4195291	26.386 ug/ml
7) T n-Hexadecane (C16)	9.721	4359664	26.986 ug/ml
8) T n-Octadecane (C18)	11.161	4404243	27.433 ug/ml
10) T n-Eicosane (C20)	12.469	4370734	29.055 ug/ml
11) T n-Heneicosane (C21)	13.081	4167431	28.521 ug/ml
13) T n-Docosane (C22)	13.666	4121681	28.794 ug/ml
14) T n-Tetracosane (C24)	14.768	3972969	28.593 ug/ml
15) T n-Hexacosane (C26)	15.788	3843771	28.743 ug/ml
16) T n-Octacosane (C28)	16.737	3854553	29.716 ug/ml
17) T n-Tricontane (C30)	17.622	3774652	29.138 ug/ml
18) T n-Dotriacontane (C32)	18.454	3625414	29.264 ug/ml
19) T n-Tetratriacontane (C34)	19.237	3672933	33.651 ug/ml
20) T n-Hexatriacontane (C36)	19.978	3699181	39.100 ug/ml
21) T n-Octatriacontane (C38)	20.699	4210788	46.547 ug/mlm
22) T n-Tetracontane (C40)	21.579	4386657	49.770 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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