

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112024AL\
 Data File : FC067832.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2024 17:31
 Operator : YP/AJ
 Sample : P4925-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

MH-741MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/21/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e

Quant Time: Nov 21 01:07:25 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:13:15 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			
9) S ortho-Terphenyl (SURR)	11.504	5055763	26.077 ug/ml
Spiked Amount 50.000		Recovery =	52.15%
12) S 1-chlorooctadecane (S...	12.940	4041252	27.840 ug/ml
Spiked Amount 50.000		Recovery =	55.68%
Target Compounds			
1) T n-Nonane (C9)	3.290	4607544	28.247 ug/ml
2) T n-Decane (C10)	4.352	5178582	31.228 ug/ml
3) T A~Naphthalene (C11.7)	5.927	5982289	32.662 ug/mlm
4) T n-Dodecane (C12)	6.364	5658734	33.597 ug/ml
5) T A~2-methylnaphthalene...	6.982	6269665	35.351 ug/ml
6) T n-Tetradecane (C14)	8.157	6151571	36.732 ug/ml
7) T n-Hexadecane (C16)	9.753	6493953	37.473 ug/ml
8) T n-Octadecane (C18)	11.193	6615303	37.600 ug/ml
10) T n-Eicosane (C20)	12.500	6580832	39.082 ug/ml
11) T n-Heneicosane (C21)	13.110	6220703	37.807 ug/ml
13) T n-Docosane (C22)	13.695	6101204	37.464 ug/ml
14) T n-Tetracosane (C24)	14.768	11783866	73.474 ug/mlm
15) T n-Hexacosane (C26)	15.816	5654583	36.514 ug/mlm
16) T n-Octacosane (C28)	16.763	5502042	36.432 ug/ml
17) T n-Tricontane (C30)	17.650	5429797	35.464 ug/ml
18) T n-Dotriacontane (C32)	18.479	5316575	35.998 ug/ml
19) T n-Tetratriacontane (C34)	19.261	5149507	40.827 ug/ml
20) T n-Hexatriacontane (C36)	20.001	4883238	46.691 ug/ml
21) T n-Octatriacontane (C38)	20.722	4793097	49.067 ug/ml
22) T n-Tetracontane (C40)	21.607	4795251	49.199 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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