

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015695.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 18:23
 Operator : YP\AJ
 Sample : Q1818-03MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

RT-3873MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/21/2025

Integration File: autoint1.e

Quant Time: Apr 18 01:26:48 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Thu Apr 17 12:40:13 2025

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)	11.904	5008038	34.544 ug/ml
Spiked Amount 50.000		Recovery =	69.09%
12) S 1-chlorooctadecane (S...	13.347	4209745	39.808 ug/ml
Spiked Amount 50.000		Recovery =	79.62%
Target Compounds			
1) T n-Nonane (C9)	3.249	2499268	22.365 ug/ml
2) T n-Decane (C10)	4.509	2858579	25.492 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3465353	29.869 ug/ml
4) T n-Dodecane (C12)	6.689	3321773	29.053 ug/ml
5) T A~2-methylnaphthalene...	7.322	3436717	30.871 ug/ml
6) T n-Tetradecane (C14)	8.526	3668365	32.191 ug/ml
7) T n-Hexadecane (C16)	10.139	3913395	33.468 ug/ml
8) T n-Octadecane (C18)	11.588	4026558	33.662 ug/ml
10) T n-Eicosane (C20)	12.902	4259450	35.795 ug/ml
11) T n-Heneicosane (C21)	13.515	4124202	34.868 ug/ml
13) T n-Docosane (C22)	14.104	4083642	35.018 ug/ml
14) T n-Tetracosane (C24)	15.194	7954067	69.017 ug/mlm
15) T n-Hexacosane (C26)	16.235	3924857	35.146 ug/ml
16) T n-Octacosane (C28)	17.186	4014215	36.885 ug/ml
17) T n-Tricontane (C30)	18.077	3801516	34.901 ug/ml
18) T n-Dotriacontane (C32)	18.910	3687221	34.273 ug/ml
19) T n-Tetratriacontane (C34)	19.693	3336967	32.750 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2941521	30.071 ug/ml
21) T n-Octatriacontane (C38)	21.176	2693734	29.512 ug/ml
22) T n-Tetracontane (C40)	22.097	2501617	29.621 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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