

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042225AL\
 Data File : FG015739.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 16:15
 Operator : YP\AJ
 Sample : Q1848-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

ETGI-275MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/23/2025

Supervised By :mohammad ahmed 04/24/2025

Integration File: autoint1.e

Quant Time: Apr 23 02:43:39 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)	11.900	3382078	23.329 ug/ml
Spiked Amount 50.000		Recovery =	46.66%
12) S 1-chlorooctadecane (S...	13.346	3382551	31.986 ug/ml
Spiked Amount 50.000		Recovery =	63.97%
Target Compounds			
1) T n-Nonane (C9)	3.243	2549580	22.815 ug/ml
2) T n-Decane (C10)	4.505	2784116	24.828 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3288329	28.343 ug/ml
4) T n-Dodecane (C12)	6.686	3038575	26.576 ug/ml
5) T A~2-methylnaphthalene...	7.320	3128049	28.098 ug/ml
6) T n-Tetradecane (C14)	8.523	3340928	29.318 ug/ml
7) T n-Hexadecane (C16)	10.135	3609805	30.872 ug/ml
8) T n-Octadecane (C18)	11.585	3716787	31.072 ug/ml
10) T n-Eicosane (C20)	12.901	4138906	34.782 ug/ml
11) T n-Heneicosane (C21)	13.515	4167389	35.233 ug/ml
13) T n-Docosane (C22)	14.103	4552200	39.036 ug/ml
14) T n-Tetracosane (C24)	15.201	10577481	91.780 ug/ml
15) T n-Hexacosane (C26)	16.238	4160565	37.257 ug/ml
16) T n-Octacosane (C28)	17.189	3990897	36.671 ug/ml
17) T n-Tricontane (C30)	18.079	3797471	34.864 ug/ml
18) T n-Dotriacontane (C32)	18.912	3826483	35.568 ug/ml
19) T n-Tetratriacontane (C34)	19.697	3672026	36.039 ug/ml
20) T n-Hexatriacontane (C36)	20.439	3159879	32.303 ug/ml
21) T n-Octatriacontane (C38)	21.180	3126737	34.256 ug/ml
22) T n-Tetracontane (C40)	22.101	3083670	36.513 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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