

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015812.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 12:27
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 12 12:44:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:43:51 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)	11.894	727053	4.883 ug/ml
Spiked Amount 50.000		Recovery =	9.77%
12) S 1-chlorooctadecane (S...	13.340	563684	4.893 ug/ml
Spiked Amount 50.000		Recovery =	9.79%
Target Compounds			
1) T n-Nonane (C9)	3.243	536107	4.778 ug/ml
2) T n-Decane (C10)	4.500	537959	4.755 ug/ml
3) T A~Naphthalene (C11.7)	6.217	500900	4.284 ug/ml
4) T n-Dodecane (C12)	6.680	547840	4.754 ug/ml
5) T A~2-methylnaphthalene...	7.319	467175	4.090 ug/ml
6) T n-Tetradecane (C14)	8.516	547379	4.752 ug/ml
7) T n-Hexadecane (C16)	10.130	562402	4.755 ug/ml
8) T n-Octadecane (C18)	11.578	589123	4.846 ug/ml
10) T n-Eicosane (C20)	12.894	607268	4.955 ug/ml
11) T n-Heneicosane (C21)	13.507	609960	4.980 ug/ml
13) T n-Docosane (C22)	14.096	606356	4.977 ug/ml
14) T n-Tetracosane (C24)	15.202	606195	5.005 ug/ml
15) T n-Hexacosane (C26)	16.227	603362	5.040 ug/ml
16) T n-Octacosane (C28)	17.179	604215	5.124 ug/ml
17) T n-Tricontane (C30)	18.069	621666	5.232 ug/ml
18) T n-Dotriacontane (C32)	18.904	631069	5.343 ug/ml
19) T n-Tetratriacontane (C34)	19.688	581348	5.206 ug/ml
20) T n-Hexatriacontane (C36)	20.431	548987	5.077 ug/ml
21) T n-Octatriacontane (C38)	21.168	543362	5.231 ug/ml
22) T n-Tetracontane (C40)	22.090	573718	5.626 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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