

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
 Data File : FG0616102.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 16:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 09:04:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.092	2585509	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	13.535	2007267	19.920 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.419	2147034	19.844 ug/ml
2) T n-Decane (C10)	4.679	2188385	19.950 ug/ml
3) T A~Naphthalene (C11.7)	6.395	2393914	20.036 ug/ml
4) T n-Dodecane (C12)	6.857	2203961	20.016 ug/ml
5) T A~2-methylnaphthalene...	7.497	2337008	20.093 ug/ml
6) T n-Tetradecane (C14)	8.697	2190979	19.951 ug/ml
7) T n-Hexadecane (C16)	10.315	2273780	19.975 ug/ml
8) T n-Octadecane (C18)	11.768	2320810	19.936 ug/ml
10) T n-Eicosane (C20)	13.086	2269815	19.944 ug/ml
11) T n-Heneicosane (C21)	13.702	2255480	19.923 ug/ml
13) T n-Docosane (C22)	14.294	2265680	19.930 ug/ml
14) T n-Tetracosane (C24)	15.402	2297595	19.925 ug/ml
15) T n-Hexacosane (C26)	16.430	2296500	19.956 ug/ml
16) T n-Octacosane (C28)	17.386	2264884	19.957 ug/ml
17) T n-Tricontane (C30)	18.278	2300155	20.090 ug/ml
18) T n-Dotriacontane (C32)	19.115	2197781	20.158 ug/ml
19) T n-Tetratriacontane (C34)	19.902	1991126	20.126 ug/ml
20) T n-Hexatriacontane (C36)	20.643	1710420	20.151 ug/ml
21) T n-Octatriacontane (C38)	21.433	1523659	20.183 ug/ml
22) T n-Tetracontane (C40)	22.437	1403288	20.294 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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