

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015815.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 13:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 12 14:31:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.895	3075183	20.654 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
12) S 1-chlorooctadecane (S...	13.340	2381992	20.677 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T n-Nonane (C9)	3.242	2333173	20.796 ug/ml
2) T n-Decane (C10)	4.500	2348117	20.754 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2460374	21.045 ug/ml
4) T n-Dodecane (C12)	6.680	2391246	20.752 ug/ml
5) T A~2-methylnaphthalene...	7.315	2429562	21.271 ug/ml
6) T n-Tetradecane (C14)	8.518	2389299	20.743 ug/ml
7) T n-Hexadecane (C16)	10.131	2453995	20.750 ug/ml
8) T n-Octadecane (C18)	11.579	2519685	20.728 ug/ml
10) T n-Eicosane (C20)	12.894	2531808	20.659 ug/ml
11) T n-Heneicosane (C21)	13.508	2527365	20.634 ug/ml
13) T n-Docosane (C22)	14.096	2515814	20.649 ug/ml
14) T n-Tetracosane (C24)	15.203	2507895	20.705 ug/ml
15) T n-Hexacosane (C26)	16.227	2475070	20.676 ug/ml
16) T n-Octacosane (C28)	17.180	2432302	20.628 ug/ml
17) T n-Tricontane (C30)	18.069	2435180	20.494 ug/ml
18) T n-Dotriacontane (C32)	18.904	2439987	20.657 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2302127	20.616 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2205664	20.397 ug/ml
21) T n-Octatriacontane (C38)	21.172	2134518	20.549 ug/ml
22) T n-Tetracontane (C40)	22.092	2072233	20.321 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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