

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102225AL\
 Data File : FG016820.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2025 09:29
 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: Oct 22 09:38:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:11:55 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)	12.042	3112941	19.934 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.488	2340154	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.366	2466647	19.883 ug/ml
2) T n-Decane (C10)	4.627	2522600	19.937 ug/ml
3) T A~Naphthalene (C11.7)	6.346	2557272	19.283 ug/ml
4) T n-Dodecane (C12)	6.808	2564512	20.049 ug/ml
5) T A~2-methylnaphthalene...	7.449	2362137	19.175 ug/ml
6) T n-Tetradecane (C14)	8.647	2552975	20.217 ug/ml
7) T n-Hexadecane (C16)	10.266	2691543	20.196 ug/ml
8) T n-Octadecane (C18)	11.720	2824268	20.079 ug/ml
10) T n-Eicosane (C20)	13.039	2824823	20.090 ug/ml
11) T n-Heneicosane (C21)	13.655	2783295	19.956 ug/ml
13) T n-Docosane (C22)	14.246	2869707	20.198 ug/ml
14) T n-Tetracosane (C24)	15.357	3060665	20.673 ug/ml
15) T n-Hexacosane (C26)	16.385	3056763	20.552 ug/ml
16) T n-Octacosane (C28)	17.342	3156074	21.393 ug/ml
17) T n-Tricontane (C30)	18.236	3449783	23.190 ug/ml
18) T n-Dotriacontane (C32)	19.073	3526646	24.878 ug/ml
19) T n-Tetratriacontane (C34)	19.863	3018679	24.314 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2297493	22.288 ug/ml
21) T n-Octatriacontane (C38)	21.383	1841242	20.230 ug/ml
22) T n-Tetracontane (C40)	22.372	1537524	18.317 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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