

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016851.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 16:03
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 29 16:21:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:20:58 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)	12.038	803682	5.089 ug/ml
Spiked Amount 50.000		Recovery =	10.18%
12) S 1-chlorooctadecane (S...	13.485	594900	4.940 ug/ml
Spiked Amount 50.000		Recovery =	9.88%
Target Compounds			
1) T n-Nonane (C9)	3.366	631862	5.072 ug/ml
2) T n-Decane (C10)	4.626	634979	4.960 ug/ml
3) T A~Naphthalene (C11.7)	6.346	586359	4.481 ug/ml
4) T n-Dodecane (C12)	6.805	638302	4.896 ug/ml
5) T A~2-methylnaphthalene...	7.450	482946	4.013 ug/ml
6) T n-Tetradecane (C14)	8.645	601859	4.711 ug/ml
7) T n-Hexadecane (C16)	10.264	611242	4.626 ug/ml
8) T n-Octadecane (C18)	11.716	675251	4.846 ug/ml
10) T n-Eicosane (C20)	13.035	708892	5.072 ug/ml
11) T n-Heneicosane (C21)	13.651	706445	5.081 ug/ml
13) T n-Docosane (C22)	14.242	742660	5.249 ug/ml
14) T n-Tetracosane (C24)	15.353	838633	5.704 ug/ml
15) T n-Hexacosane (C26)	16.382	846912	5.773 ug/ml
16) T n-Octacosane (C28)	17.338	888097	6.033 ug/ml
17) T n-Tricontane (C30)	18.231	936866	6.192 ug/ml
18) T n-Dotriacontane (C32)	19.067	948772	6.436 ug/ml
19) T n-Tetratriacontane (C34)	19.856	802928	6.231 ug/ml
20) T n-Hexatriacontane (C36)	20.602	612734	5.920 ug/ml
21) T n-Octatriacontane (C38)	21.377	499378	5.664 ug/ml
22) T n-Tetracontane (C40)	22.366	427963	5.466 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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