

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015104.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 22:05
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/17/2025
 Supervised By :Ankita Jodhani 01/17/2025

Integration File: autoint1.e
 Quant Time: Jan 17 00:30:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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)	11.945	3129338	20.015 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	13.390	2460798	20.210 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.287	2656062	20.457 ug/ml
2) T n-Decane (C10)	4.546	2735325	20.583 ug/ml
3) T A~Naphthalene (C11.7)	6.258	3012225	20.627 ug/ml
4) T n-Dodecane (C12)	6.726	2815605	20.712 ug/ml
5) T A~2-methylnaphthalene...	7.360	2947693	20.649 ug/ml
6) T n-Tetradecane (C14)	8.563	2831283	20.588 ug/ml
7) T n-Hexadecane (C16)	10.179	2946431	20.335 ug/ml
8) T n-Octadecane (C18)	11.629	2984488	20.080 ug/ml
10) T n-Eicosane (C20)	12.944	2866677	19.972 ug/ml
11) T n-Heneicosane (C21)	13.559	2814788	19.908 ug/ml
13) T n-Docosane (C22)	14.148	2782532	19.790 ug/ml
14) T n-Tetracosane (C24)	15.256	2726691	19.591 ug/ml
15) T n-Hexacosane (C26)	16.281	2627394	19.398 ug/ml
16) T n-Octacosane (C28)	17.235	2517633	19.131 ug/ml
17) T n-Tricontane (C30)	18.125	2519607	18.993 ug/ml
18) T n-Dotriacontane (C32)	18.959	2393296	18.976 ug/ml
19) T n-Tetratriacontane (C34)	19.745	2087778	19.175 ug/ml
20) T n-Hexatriacontane (C36)	20.486	1810465	19.392 ug/ml
21) T n-Octatriacontane (C38)	21.237	1808634	20.610 ug/ml
22) T n-Tetracontane (C40)	22.177	1695069	19.998 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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