

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021224AL\
 Data File : FG013492.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2024 15:52
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/13/2024
 Supervised By :mohammad ahmed 02/14/2024

Integration File: autoint1.e
 Quant Time: Feb 12 22:38:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:37:46 2024
 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)	11.965	1580531	11.067 ug/ml
Spiked Amount 50.000		Recovery =	22.13%
12) S 1-chlorooctadecane (S...	13.407	1195278	11.024 ug/ml
Spiked Amount 50.000		Recovery =	22.05%
Target Compounds			
1) T n-Nonane (C9)	3.328	1433967	11.174 ug/mlm
2) T n-Decane (C10)	4.582	1463709	11.146 ug/ml
3) T A~Naphthalene (C11.7)	6.287	1600098	11.123 ug/ml
4) T n-Dodecane (C12)	6.751	1480865	11.133 ug/ml
5) T A~2-methylnaphthalene...	7.385	1548229	11.106 ug/ml
6) T n-Tetradecane (C14)	8.584	1469596	11.117 ug/ml
7) T n-Hexadecane (C16)	10.197	1513559	11.099 ug/ml
8) T n-Octadecane (C18)	11.646	1525084	11.101 ug/ml
10) T n-Eicosane (C20)	12.960	1455225	11.090 ug/ml
11) T n-Heneicosane (C21)	13.575	1427493	11.099 ug/ml
13) T n-Docosane (C22)	14.163	1412966	11.094 ug/ml
14) T n-Tetracosane (C24)	15.271	1385836	11.082 ug/ml
15) T n-Hexacosane (C26)	16.296	1342211	11.080 ug/ml
16) T n-Octacosane (C28)	17.250	1292392	11.077 ug/ml
17) T n-Tricontane (C30)	18.140	1292164	11.120 ug/ml
18) T n-Dotriacontane (C32)	18.977	1252943	11.179 ug/ml
19) T n-Tetratriacontane (C34)	19.764	1206244	11.204 ug/ml
20) T n-Hexatriacontane (C36)	20.505	1158446	11.230 ug/ml
21) T n-Octatriacontane (C38)	21.259	1160952	11.312 ug/ml
22) T n-Tetracontane (C40)	22.201	1163272	11.449 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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