

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101524AL\
 Data File : FD048532.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 17:54
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:30:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 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)	11.262	3742947	18.864 ug/ml
Spiked Amount	50.000	Recovery =	37.73%
12) S 1-chlorooctadecane (S...	12.704	2843107	19.005 ug/ml
Spiked Amount	50.000	Recovery =	38.01%
Target Compounds			
1) T n-Nonane (C9)	3.124	3230878	19.237 ug/ml
2) T n-Decane (C10)	4.169	3365581	19.393 ug/ml
3) T A~Naphthalene (C11.7)	5.716	3674153	19.447 ug/ml
4) T n-Dodecane (C12)	6.162	3385473	19.337 ug/ml
5) T A~2-methylnaphthalene...	6.762	3544699	19.691 ug/ml
6) T n-Tetradecane (C14)	7.943	3342603	19.157 ug/ml
7) T n-Hexadecane (C16)	9.533	3432828	19.048 ug/ml
8) T n-Octadecane (C18)	10.966	3434754	18.920 ug/ml
10) T n-Eicosane (C20)	12.267	3291279	18.870 ug/ml
11) T n-Heneicosane (C21)	12.875	3224413	18.846 ug/ml
13) T n-Docosane (C22)	13.457	3174379	18.588 ug/ml
14) T n-Tetracosane (C24)	14.554	3119314	18.416 ug/ml
15) T n-Hexacosane (C26)	15.569	3017119	18.227 ug/ml
16) T n-Octacosane (C28)	16.515	2929922	17.796 ug/ml
17) T n-Tricontane (C30)	17.398	2983081	17.400 ug/ml
18) T n-Dotriacontane (C32)	18.225	2927256	17.495 ug/ml
19) T n-Tetratriacontane (C34)	19.003	2505048	17.363 ug/mlm
20) T n-Hexatriacontane (C36)	19.739	2146783	17.880 ug/mlm
21) T n-Octatriacontane (C38)	20.438	1996307	17.828 ug/mlm
22) T n-Tetracontane (C40)	21.218	1901442	18.994 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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