

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048448.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 14:14
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 10 14:47:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:33:01 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)	11.264	1073094	5.521 ug/ml
Spiked Amount 50.000		Recovery =	11.04%
12) S 1-chlorooctadecane (S...	12.705	803893	5.476 ug/ml
Spiked Amount 50.000		Recovery =	10.95%
Target Compounds			
1) T n-Nonane (C9)	3.128	900795	5.463 ug/ml
2) T n-Decane (C10)	4.173	943634	5.559 ug/ml
3) T A~Naphthalene (C11.7)	5.724	1001392	5.381 ug/ml
4) T n-Dodecane (C12)	6.166	941332	5.480 ug/ml
5) T A~2-methylnaphthalene...	6.774	911703	5.081 ug/ml
6) T n-Tetradecane (C14)	7.946	935909	5.463 ug/ml
7) T n-Hexadecane (C16)	9.536	968261	5.475 ug/ml
8) T n-Octadecane (C18)	10.967	977786	5.492 ug/ml
10) T n-Eicosane (C20)	12.268	945496	5.537 ug/ml
11) T n-Heneicosane (C21)	12.875	924832	5.517 ug/ml
13) T n-Docosane (C22)	13.458	930826	5.576 ug/ml
14) T n-Tetracosane (C24)	14.555	927474	5.609 ug/ml
15) T n-Hexacosane (C26)	15.569	917771	5.700 ug/ml
16) T n-Octacosane (C28)	16.514	947649	5.982 ug/ml
17) T n-Tricontane (C30)	17.396	1042332	6.427 ug/ml
18) T n-Dotriacontane (C32)	18.224	1049972	6.703 ug/ml
19) T n-Tetratriacontane (C34)	19.003	891070	6.562 ug/ml
20) T n-Hexatriacontane (C36)	19.738	698976	6.071 ug/ml
21) T n-Octatriacontane (C38)	20.435	593907	5.386 ug/mlm
22) T n-Tetracontane (C40)	21.220	470410	4.629 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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