

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121324AL\
 Data File : FE051646.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2024 11:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2024
 Supervised By :Ankita Jodhani 12/16/2024

Integration File: autoint1.e
 Quant Time: Dec 14 00:48:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:49:08 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)	11.985	2943420	19.040 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	13.405	2331689	18.784 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.471	2124868	18.265 ug/ml
2) T n-Decane (C10)	4.702	2234263	18.708 ug/ml
3) T A~Naphthalene (C11.7)	6.385	2540881	18.853 ug/ml
4) T n-Dodecane (C12)	6.834	2332521	18.987 ug/ml
5) T A~2-methylnaphthalene...	7.465	2521220	19.015 ug/ml
6) T n-Tetradecane (C14)	8.643	2406010	19.175 ug/ml
7) T n-Hexadecane (C16)	10.235	2583840	19.224 ug/ml
8) T n-Octadecane (C18)	11.665	2693851	19.075 ug/ml
10) T n-Eicosane (C20)	12.964	2669565	18.934 ug/ml
11) T n-Heneicosane (C21)	13.570	2672722	18.825 ug/ml
13) T n-Docosane (C22)	14.150	2678923	18.826 ug/ml
14) T n-Tetracosane (C24)	15.243	2745077	18.788 ug/ml
15) T n-Hexacosane (C26)	16.254	2732138	18.775 ug/ml
16) T n-Octacosane (C28)	17.195	2758430	18.895 ug/ml
17) T n-Tricontane (C30)	18.075	2915707	19.123 ug/ml
18) T n-Dotriacontane (C32)	18.899	2914695	19.447 ug/ml
19) T n-Tetratriacontane (C34)	19.675	2517964	19.183 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2189872	18.884 ug/ml
21) T n-Octatriacontane (C38)	21.139	1934334	18.786 ug/ml
22) T n-Tetracontane (C40)	22.047	1806618	18.041 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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