

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110424AL\
 Data File : FE050993.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2024 10:19
 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 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: sample.E
 Quant Time: Nov 05 03:46:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.854	2983771	18.926 ug/mlm
Spiked Amount 50.000		Recovery =	37.85%
12) S 1-chlorooctadecane (S...	13.287	2257365	19.083 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	3.242	2615182	18.509 ug/ml
2) T n-Decane (C10)	4.492	2713360	18.912 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2582422	18.060 ug/ml
4) T n-Dodecane (C12)	6.660	2738563	19.027 ug/ml
5) T A~2-methylnaphthalene...	7.302	2402105	18.132 ug/ml
6) T n-Tetradecane (C14)	8.487	2709280	18.937 ug/ml
7) T n-Hexadecane (C16)	10.092	2808630	19.084 ug/ml
8) T n-Octadecane (C18)	11.533	2856584	19.124 ug/ml
10) T n-Eicosane (C20)	12.841	2765690	19.286 ug/ml
11) T n-Heneicosane (C21)	13.452	2687883	19.140 ug/ml
13) T n-Docosane (C22)	14.038	2785956	19.858 ug/ml
14) T n-Tetracosane (C24)	15.139	2977828	21.078 ug/mlm
15) T n-Hexacosane (C26)	16.158	3119062	22.166 ug/mlm
16) T n-Octacosane (C28)	17.106	3397074	23.215 ug/ml
17) T n-Tricontane (C30)	17.993	3792763	23.853 ug/ml
18) T n-Dotriacontane (C32)	18.825	3869392	23.868 ug/ml
19) T n-Tetratriacontane (C34)	19.608	3272732	22.280 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2797216	22.058 ug/mlm
21) T n-Octatriacontane (C38)	21.070	2300052	18.602 ug/ml
22) T n-Tetracontane (C40)	21.951	1783237	16.015 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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