

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093024AL\
 Data File : FE050426.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2024 09:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2024
 Supervised By :Ankita Jodhani 10/01/2024

Integration File: autoint1.e
 Quant Time: Sep 30 10:52:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.869	2780382	18.688 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.303	2068663	18.416 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
Target Compounds			
1) T n-Nonane (C9)	3.257	2493070	18.393 ug/ml
2) T n-Decane (C10)	4.507	2593980	18.795 ug/ml
3) T A~Naphthalene (C11.7)	6.218	2626689	18.766 ug/ml
4) T n-Dodecane (C12)	6.674	2587217	18.710 ug/ml
5) T A~2-methylnaphthalene...	7.314	2447722	18.623 ug/ml
6) T n-Tetradecane (C14)	8.502	2580278	18.949 ug/ml
7) T n-Hexadecane (C16)	10.108	2681043	19.302 ug/ml
8) T n-Octadecane (C18)	11.549	2704954	19.307 ug/ml
10) T n-Eicosane (C20)	12.857	2563221	19.108 ug/ml
11) T n-Heneicosane (C21)	13.468	2540291	19.333 ug/ml
13) T n-Docosane (C22)	14.053	2532047	19.445 ug/ml
14) T n-Tetracosane (C24)	15.155	2575205	19.720 ug/ml
15) T n-Hexacosane (C26)	16.175	2558867	20.001 ug/ml
16) T n-Octacosane (C28)	17.124	2680415	20.809 ug/ml
17) T n-Tricontane (C30)	18.010	2973372	22.236 ug/ml
18) T n-Dotriacontane (C32)	18.842	3055235	22.927 ug/ml
19) T n-Tetratriacontane (C34)	19.625	3014933	24.400 ug/mlm
20) T n-Hexatriacontane (C36)	20.364	2768724	24.955 ug/mlm
21) T n-Octatriacontane (C38)	21.091	2715438	24.623 ug/ml
22) T n-Tetracontane (C40)	21.977	2264750	20.813 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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