

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053124AL\
 Data File : FE048491.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jun 2024 00:13
 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 06/03/2024
 Supervised By :Ankita Jodhani 06/03/2024

Integration File: autoint1.e
 Quant Time: Jun 01 02:39:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.948	2684322	18.694 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	13.382	2052615	18.841 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.336	2759759	18.459 ug/ml
2) T n-Decane (C10)	4.586	2826439	18.718 ug/ml
3) T A~Naphthalene (C11.7)	6.292	2790419	18.740 ug/ml
4) T n-Dodecane (C12)	6.751	2767857	18.698 ug/ml
5) T A~2-methylnaphthalene...	7.388	2597544	18.734 ug/ml
6) T n-Tetradecane (C14)	8.579	2642581	18.632 ug/ml
7) T n-Hexadecane (C16)	10.186	2640982	18.733 ug/ml
8) T n-Octadecane (C18)	11.628	2604620	18.754 ug/ml
10) T n-Eicosane (C20)	12.937	2487005	18.793 ug/ml
11) T n-Heneicosane (C21)	13.549	2423774	18.712 ug/ml
13) T n-Docosane (C22)	14.134	2455568	19.056 ug/ml
14) T n-Tetracosane (C24)	15.236	2537581	19.588 ug/ml
15) T n-Hexacosane (C26)	16.255	2594395	20.018 ug/ml
16) T n-Octacosane (C28)	17.205	2691224	20.821 ug/ml
17) T n-Tricontane (C30)	18.091	2840589	21.204 ug/ml
18) T n-Dotriacontane (C32)	18.924	2869576	21.140 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2777881	20.306 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2749211	20.224 ug/ml
21) T n-Octatriacontane (C38)	21.182	2619369	19.207 ug/ml
22) T n-Tetracontane (C40)	22.098	2560908	18.703 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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