

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061423AL\
 Data File : FE042621.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2023 20:29
 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 06/15/2023
 Supervised By :Ankita Jodhani 06/15/2023

Integration File: autoint1.e
 Quant Time: Jun 15 01:27:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.938	2904670	16.450 ug/ml
Spiked Amount 50.000		Recovery =	32.90%
12) S 1-chlorooctadecane (S...	13.375	2161676	16.268 ug/ml
Spiked Amount 50.000		Recovery =	32.54%
Target Compounds			
1) T n-Nonane (C9)	3.318	2407028	16.693 ug/ml
2) T n-Decane (C10)	4.569	2522422	17.039 ug/ml
3) T A~Naphthalene (C11.7)	6.279	2696188	16.525 ug/ml
4) T n-Dodecane (C12)	6.739	2552731	17.023 ug/ml
5) T A~2-methylnaphthalene...	7.376	2590148	16.321 ug/ml
6) T n-Tetradecane (C14)	8.568	2553480	17.045 ug/ml
7) T n-Hexadecane (C16)	10.176	2650381	17.015 ug/ml
8) T n-Octadecane (C18)	11.619	2674093	16.910 ug/ml
10) T n-Eicosane (C20)	12.929	2543232	16.778 ug/ml
11) T n-Heneicosane (C21)	13.542	2467117	16.652 ug/ml
13) T n-Docosane (C22)	14.127	2448999	16.706 ug/ml
14) T n-Tetracosane (C24)	15.231	2434083	16.862 ug/ml
15) T n-Hexacosane (C26)	16.253	2375017	17.148 ug/ml
16) T n-Octacosane (C28)	17.203	2437354	18.205 ug/ml
17) T n-Tricontane (C30)	18.091	2721765	20.163 ug/ml
18) T n-Dotriacontane (C32)	18.923	2812160	21.051 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2622077	19.938 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2508529	19.300 ug/ml
21) T n-Octatriacontane (C38)	21.193	2476451	18.253 ug/mlm
22) T n-Tetracontane (C40)	22.123	2452200	17.627 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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