

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010923AL\
 Data File : FE039689.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2023 09:37
 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 01/10/2023
 Supervised By :Ankita Jodhani 01/10/2023

Integration File: autoint1.e
 Quant Time: Jan 09 17:51:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.920	2732945	18.313 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	13.357	2024829	17.592 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
Target Compounds			
1) T n-Nonane (C9)	3.315	2146264	16.604 ug/ml
2) T n-Decane (C10)	4.565	2171923	17.045 ug/ml
3) T A~Naphthalene (C11.7)	6.267	2449661	16.946 ug/ml
4) T n-Dodecane (C12)	6.728	2205441	16.988 ug/ml
5) T A~2-methylnaphthalene...	7.361	2311048	17.064 ug/ml
6) T n-Tetradecane (C14)	8.554	2278689	17.196 ug/ml
7) T n-Hexadecane (C16)	10.161	2409994	17.518 ug/ml
8) T n-Octadecane (C18)	11.604	2505281	17.887 ug/ml
10) T n-Eicosane (C20)	12.912	2464669	18.055 ug/ml
11) T n-Heneicosane (C21)	13.523	2471723	18.122 ug/mlm
13) T n-Docosane (C22)	14.109	2472497	18.278 ug/ml
14) T n-Tetracosane (C24)	15.213	2496038	18.594 ug/ml
15) T n-Hexacosane (C26)	16.233	2437937	18.723 ug/ml
16) T n-Octacosane (C28)	17.183	2526237	19.629 ug/ml
17) T n-Tricontane (C30)	18.071	2760134	21.438 ug/mlm
18) T n-Dotriacontane (C32)	18.905	2826250	21.824 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2545218	20.174 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2245374	18.570 ug/mlm
21) T n-Octatriacontane (C38)	21.162	2012216	16.294 ug/mlm
22) T n-Tetracontane (C40)	22.072	2047264	16.302 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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