

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010523AL\
 Data File : FE039666.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jan 2023 23:38
 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 01/06/2023
 Supervised By :Ankita Jodhani 01/06/2023

Integration File: autoint1.e
 Quant Time: Jan 06 02:48:59 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)	11.922	2965721	19.873 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	13.358	2299936	19.982 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
Target Compounds			
1) T n-Nonane (C9)	3.317	2363580	18.286 ug/ml
2) T n-Decane (C10)	4.567	2377242	18.657 ug/ml
3) T A~Naphthalene (C11.7)	6.269	2704194	18.707 ug/ml
4) T n-Dodecane (C12)	6.730	2413640	18.592 ug/ml
5) T A~2-methylnaphthalene...	7.364	2554621	18.863 ug/ml
6) T n-Tetradecane (C14)	8.556	2489933	18.790 ug/ml
7) T n-Hexadecane (C16)	10.162	2625559	19.085 ug/ml
8) T n-Octadecane (C18)	11.605	2736673	19.539 ug/ml
10) T n-Eicosane (C20)	12.913	2697123	19.758 ug/ml
11) T n-Heneicosane (C21)	13.525	2715545	19.910 ug/mlm
13) T n-Docosane (C22)	14.112	2722212	20.124 ug/ml
14) T n-Tetracosane (C24)	15.214	2763927	20.589 ug/ml
15) T n-Hexacosane (C26)	16.233	2716131	20.860 ug/ml
16) T n-Octacosane (C28)	17.184	2796610	21.729 ug/ml
17) T n-Tricontane (C30)	18.070	3034871	23.572 ug/mlm
18) T n-Dotriacontane (C32)	18.906	3119691	24.090 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2868633	22.738 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2589492	21.415 ug/mlm
21) T n-Octatriacontane (C38)	21.165	2473924	20.032 ug/ml
22) T n-Tetracontane (C40)	22.074	2436083	19.398 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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