

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121522AL\
 Data File : FE039319.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2022 09:11
 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 12/15/2022
 Supervised By :Ankita Jodhani 12/16/2022

Integration File: autoint1.e
 Quant Time: Dec 15 15:07:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.939	3278035	20.954 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
12) S 1-chlorooctadecane (S...	13.375	2523806	20.903 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
Target Compounds			
1) T n-Nonane (C9)	3.332	2793445	19.707 ug/ml
2) T n-Decane (C10)	4.582	2751539	19.742 ug/ml
3) T A~Naphthalene (C11.7)	6.286	3165267	19.901 ug/ml
4) T n-Dodecane (C12)	6.746	2813139	19.957 ug/ml
5) T A~2-methylnaphthalene...	7.381	2980691	19.916 ug/ml
6) T n-Tetradecane (C14)	8.572	2885658	20.205 ug/ml
7) T n-Hexadecane (C16)	10.179	3005607	20.557 ug/ml
8) T n-Octadecane (C18)	11.621	3061384	20.805 ug/ml
10) T n-Eicosane (C20)	12.931	2983998	21.020 ug/ml
11) T n-Heneicosane (C21)	13.541	2983536	20.996 ug/mlm
13) T n-Docosane (C22)	14.128	2952195	21.119 ug/ml
14) T n-Tetracosane (C24)	15.231	2918897	21.135 ug/ml
15) T n-Hexacosane (C26)	16.252	2824679	21.030 ug/ml
16) T n-Octacosane (C28)	17.202	2793244	21.034 ug/ml
17) T n-Tricontane (C30)	18.090	2806060	21.248 ug/ml
18) T n-Dotriacontane (C32)	18.922	2834126	21.251 ug/mlm
19) T n-Tetratriacontane (C34)	19.705	2761063	20.866 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2642710	20.570 ug/ml
21) T n-Octatriacontane (C38)	21.186	2678576	20.441 ug/ml
22) T n-Tetracontane (C40)	22.102	2685659	19.723 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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