

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
 Data File : FE042940.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2023 01:24
 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 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
 Quant Time: Jun 27 05:20:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.919	3524642	19.187 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.357	2609662	19.176 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	3.295	3062840	19.828 ug/ml
2) T n-Decane (C10)	4.548	3131835	19.827 ug/ml
3) T A~Naphthalene (C11.7)	6.259	3364226	19.869 ug/ml
4) T n-Dodecane (C12)	6.718	3171871	19.816 ug/ml
5) T A~2-methylnaphthalene...	7.356	3207008	19.780 ug/ml
6) T n-Tetradecane (C14)	8.548	3146673	19.772 ug/ml
7) T n-Hexadecane (C16)	10.156	3239761	19.671 ug/ml
8) T n-Octadecane (C18)	11.600	3241073	19.499 ug/ml
10) T n-Eicosane (C20)	12.911	3062729	19.301 ug/ml
11) T n-Heneicosane (C21)	13.523	2975379	19.232 ug/ml
13) T n-Docosane (C22)	14.110	2917521	19.153 ug/ml
14) T n-Tetracosane (C24)	15.213	2835697	19.112 ug/ml
15) T n-Hexacosane (C26)	16.235	2737113	19.146 ug/ml
16) T n-Octacosane (C28)	17.186	2688602	19.385 ug/ml
17) T n-Tricontane (C30)	18.075	2783759	19.683 ug/ml
18) T n-Dotriacontane (C32)	18.905	2777940	19.806 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2744311	20.054 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2700319	20.191 ug/mlm
21) T n-Octatriacontane (C38)	21.175	2724572	19.984 ug/mlm
22) T n-Tetracontane (C40)	22.094	2820573	20.273 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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