

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042223AL\
 Data File : FE041503.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2023 07:52
 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 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File: autoint1.e
 Quant Time: Apr 22 08:26:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.983	3643184	19.419 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
12) S 1-chlorooctadecane (S...	13.418	2713435	19.208 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	3.359	3045309	20.717 ug/ml
2) T n-Decane (C10)	4.612	3115896	20.775 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3436064	20.763 ug/ml
4) T n-Dodecane (C12)	6.780	3160130	20.784 ug/ml
5) T A~2-methylnaphthalene...	7.415	3341759	20.724 ug/ml
6) T n-Tetradecane (C14)	8.610	3149590	20.734 ug/ml
7) T n-Hexadecane (C16)	10.218	3255452	20.400 ug/ml
8) T n-Octadecane (C18)	11.663	3271266	19.957 ug/ml
10) T n-Eicosane (C20)	12.973	3129679	19.458 ug/ml
11) T n-Heneicosane (C21)	13.586	3068829	19.256 ug/ml
13) T n-Docosane (C22)	14.172	3032202	19.031 ug/ml
14) T n-Tetracosane (C24)	15.276	2992933	18.564 ug/ml
15) T n-Hexacosane (C26)	16.297	2870925	18.159 ug/ml
16) T n-Octacosane (C28)	17.246	2777707	18.052 ug/ml
17) T n-Tricontane (C30)	18.133	2766834	18.167 ug/ml
18) T n-Dotriacontane (C32)	18.966	2687425	18.039 ug/ml
19) T n-Tetratriacontane (C34)	19.750	2611565	18.538 ug/ml
20) T n-Hexatriacontane (C36)	20.490	2548723	19.059 ug/ml
21) T n-Octatriacontane (C38)	21.245	2660979	20.138 ug/ml
22) T n-Tetracontane (C40)	22.188	2695619	21.291 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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