

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053123AL\
 Data File : FE042320.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2023 23:12
 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 06/01/2023
 Supervised By :Ankita Jodhani 06/01/2023

Integration File: autoint1.e
 Quant Time: Jun 01 09:14:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.954	3377344	19.127 ug/ml
Spiked Amount 50.000		Recovery =	38.25%
12) S 1-chlorooctadecane (S...	13.390	2476872	18.640 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
Target Compounds			
1) T n-Nonane (C9)	3.336	2781711	19.291 ug/ml
2) T n-Decane (C10)	4.587	2867291	19.369 ug/ml
3) T A~Naphthalene (C11.7)	6.294	3129276	19.179 ug/ml
4) T n-Dodecane (C12)	6.755	2903156	19.360 ug/ml
5) T A~2-methylnaphthalene...	7.391	3015242	18.999 ug/ml
6) T n-Tetradecane (C14)	8.584	2876154	19.199 ug/ml
7) T n-Hexadecane (C16)	10.191	2981985	19.143 ug/ml
8) T n-Octadecane (C18)	11.634	3008737	19.026 ug/ml
10) T n-Eicosane (C20)	12.944	2881767	19.011 ug/ml
11) T n-Heneicosane (C21)	13.556	2810741	18.972 ug/ml
13) T n-Docosane (C22)	14.143	2763121	18.848 ug/ml
14) T n-Tetracosane (C24)	15.246	2725889	18.883 ug/ml
15) T n-Hexacosane (C26)	16.267	2659634	19.203 ug/ml
16) T n-Octacosane (C28)	17.215	2627857	19.628 ug/ml
17) T n-Tricontane (C30)	18.103	2778650	20.584 ug/ml
18) T n-Dotriacontane (C32)	18.936	2769155	20.729 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2661323	20.237 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2574317	19.807 ug/mlm
21) T n-Octatriacontane (C38)	21.207	2461167	18.140 ug/ml
22) T n-Tetracontane (C40)	22.138	2600458	18.692 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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