

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050923AL\
 Data File : FE041827.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2023 23:27
 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 05/10/2023
 Supervised By :Ankita Jodhani 05/10/2023

Integration File: autoint1.e
 Quant Time: May 10 00:23:29 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)	11.969	3375460	17.992 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
12) S 1-chlorooctadecane (S...	13.405	2493601	17.651 ug/ml
Spiked Amount 50.000		Recovery =	35.30%
Target Compounds			
1) T n-Nonane (C9)	3.348	2622186	17.839 ug/ml
2) T n-Decane (C10)	4.602	2745832	18.308 ug/ml
3) T A~Naphthalene (C11.7)	6.307	3010803	18.193 ug/ml
4) T n-Dodecane (C12)	6.770	2774740	18.250 ug/ml
5) T A~2-methylnaphthalene...	7.404	2946186	18.271 ug/ml
6) T n-Tetradecane (C14)	8.598	2783606	18.325 ug/ml
7) T n-Hexadecane (C16)	10.206	2913312	18.256 ug/ml
8) T n-Octadecane (C18)	11.650	2979695	18.179 ug/ml
10) T n-Eicosane (C20)	12.960	2878383	17.895 ug/ml
11) T n-Heneicosane (C21)	13.573	2834578	17.786 ug/ml
13) T n-Docosane (C22)	14.159	2830529	17.765 ug/ml
14) T n-Tetracosane (C24)	15.262	2845579	17.650 ug/ml
15) T n-Hexacosane (C26)	16.283	2793202	17.668 ug/ml
16) T n-Octacosane (C28)	17.233	2777204	18.049 ug/ml
17) T n-Tricontane (C30)	18.121	2925335	19.207 ug/ml
18) T n-Dotriacontane (C32)	18.953	2925812	19.639 ug/ml
19) T n-Tetratriacontane (C34)	19.736	2729374	19.374 ug/ml
20) T n-Hexatriacontane (C36)	20.475	2574230	19.250 ug/mlm
21) T n-Octatriacontane (C38)	21.226	2535575	19.189 ug/mlm
22) T n-Tetracontane (C40)	22.162	2447024	19.327 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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