

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122724AL\
 Data File : FE051796.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2024 22:01
 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 12/30/2024
 Supervised By :Ankita Jodhani 12/30/2024

Integration File: autoint1.e
 Quant Time: Dec 27 22:47:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 27 13:22:17 2024
 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)	12.040	2824036	18.645 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
12) S 1-chlorooctadecane (S...	13.462	2173712	18.685 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T n-Nonane (C9)	3.498	2169898	18.708 ug/ml
2) T n-Decane (C10)	4.733	2258115	18.766 ug/ml
3) T A~Naphthalene (C11.7)	6.426	2619608	18.847 ug/ml
4) T n-Dodecane (C12)	6.873	2363187	18.809 ug/ml
5) T A~2-methylnaphthalene...	7.510	2576360	18.822 ug/ml
6) T n-Tetradecane (C14)	8.687	2418732	18.809 ug/ml
7) T n-Hexadecane (C16)	10.283	2558985	18.804 ug/ml
8) T n-Octadecane (C18)	11.717	2614196	18.670 ug/ml
10) T n-Eicosane (C20)	13.018	2523369	18.644 ug/ml
11) T n-Heneicosane (C21)	13.626	2479153	18.611 ug/ml
13) T n-Docosane (C22)	14.209	2450494	18.564 ug/ml
14) T n-Tetracosane (C24)	15.306	2398571	18.485 ug/ml
15) T n-Hexacosane (C26)	16.320	2322795	18.495 ug/ml
16) T n-Octacosane (C28)	17.265	2243655	18.585 ug/ml
17) T n-Tricontane (C30)	18.148	2244007	18.646 ug/ml
18) T n-Dotriacontane (C32)	18.976	2149817	18.785 ug/ml
19) T n-Tetratriacontane (C34)	19.755	1923420	19.070 ug/ml
20) T n-Hexatriacontane (C36)	20.490	1803627	20.236 ug/mlm
21) T n-Octatriacontane (C38)	21.237	1791450	20.865 ug/mlm
22) T n-Tetracontane (C40)	22.179	2047754	23.218 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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