

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042525AL\
 Data File : FE053522.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2025 10:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
 Quant Time: Apr 25 23:08:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 2025
 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)	11.869	3508665	19.454 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.313	2584202	19.117 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
Target Compounds			
1) T n-Nonane (C9)	3.217	2730861	19.918 ug/ml
2) T n-Decane (C10)	4.478	2803342	20.265 ug/ml
3) T A~Naphthalene (C11.7)	6.190	3082818	20.423 ug/ml
4) T n-Dodecane (C12)	6.658	2851730	20.333 ug/ml
5) T A~2-methylnaphthalene...	7.292	3054769	20.460 ug/ml
6) T n-Tetradecane (C14)	8.494	2848531	20.305 ug/ml
7) T n-Hexadecane (C16)	10.107	2860995	19.962 ug/ml
8) T n-Octadecane (C18)	11.554	2860047	19.625 ug/mlm
10) T n-Eicosane (C20)	12.868	2814079	19.339 ug/ml
11) T n-Heneicosane (C21)	13.482	2785890	19.234 ug/ml
13) T n-Docosane (C22)	14.069	2768225	19.183 ug/ml
14) T n-Tetracosane (C24)	15.174	2728057	18.992 ug/ml
15) T n-Hexacosane (C26)	16.197	2692916	19.014 ug/ml
16) T n-Octacosane (C28)	17.148	2691994	19.349 ug/mlm
17) T n-Tricontane (C30)	18.038	2768023	19.886 ug/ml
18) T n-Dotriacontane (C32)	18.872	2799008	20.385 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2645954	20.308 ug/ml
20) T n-Hexatriacontane (C36)	20.400	2630698	20.838 ug/ml
21) T n-Octatriacontane (C38)	21.135	2455100	20.152 ug/ml
22) T n-Tetracontane (C40)	22.039	2429412	20.343 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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