

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053237.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2025 12:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/09/2025
 Supervised By :mohammad ahmed 04/10/2025

Integration File: autoint1.e
 Quant Time: Apr 09 05:05:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.895	3013612	18.502 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
12) S 1-chlorooctadecane (S...	13.340	2320432	19.330 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
1) T n-Nonane (C9)	3.237	2876121	18.575 ug/ml
2) T n-Decane (C10)	4.499	2998049	19.113 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3152240	18.764 ug/ml
4) T n-Dodecane (C12)	6.679	2984777	19.084 ug/ml
5) T A~2-methylnaphthalene...	7.314	2999383	18.798 ug/ml
6) T n-Tetradecane (C14)	8.516	2932933	19.155 ug/ml
7) T n-Hexadecane (C16)	10.130	2964626	19.232 ug/ml
8) T n-Octadecane (C18)	11.580	2920783	19.258 ug/ml
10) T n-Eicosane (C20)	12.894	2741248	19.227 ug/ml
11) T n-Heneicosane (C21)	13.508	2659699	19.166 ug/ml
13) T n-Docosane (C22)	14.096	2639331	19.271 ug/ml
14) T n-Tetracosane (C24)	15.202	2652420	19.639 ug/ml
15) T n-Hexacosane (C26)	16.227	2639124	19.782 ug/ml
16) T n-Octacosane (C28)	17.179	2716470	20.584 ug/ml
17) T n-Tricontane (C30)	18.069	2945453	21.731 ug/ml
18) T n-Dotriacontane (C32)	18.906	2989005	22.213 ug/ml
19) T n-Tetratriacontane (C34)	19.690	2686858	20.765 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2332400	19.635 ug/ml
21) T n-Octatriacontane (C38)	21.171	2279520	19.833 ug/ml
22) T n-Tetracontane (C40)	22.087	2299470	20.474 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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