

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051325AL\
 Data File : FE053784.D
 Signal(s) : FID1B.ch
 Acq On : 13 May 2025 08:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 13 11:25:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.853	3423390	18.981 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.298	2492330	18.438 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	3.203	2808393	20.484 ug/ml
2) T n-Decane (C10)	4.464	2855529	20.642 ug/ml
3) T A~Naphthalene (C11.7)	6.176	3070211	20.340 ug/ml
4) T n-Dodecane (C12)	6.644	2886725	20.583 ug/ml
5) T A~2-methylnaphthalene...	7.278	3007073	20.141 ug/ml
6) T n-Tetradecane (C14)	8.480	2854176	20.345 ug/ml
7) T n-Hexadecane (C16)	10.092	2862882	19.975 ug/ml
8) T n-Octadecane (C18)	11.539	2844531	19.519 ug/ml
10) T n-Eicosane (C20)	12.853	2771336	19.045 ug/ml
11) T n-Heneicosane (C21)	13.466	2733605	18.873 ug/ml
13) T n-Docosane (C22)	14.054	2707326	18.761 ug/ml
14) T n-Tetracosane (C24)	15.159	2659305	18.514 ug/ml
15) T n-Hexacosane (C26)	16.182	2605676	18.398 ug/ml
16) T n-Octacosane (C28)	17.133	2609462	18.756 ug/ml
17) T n-Tricontane (C30)	18.022	2744875	19.720 ug/ml
18) T n-Dotriacontane (C32)	18.857	2736875	19.932 ug/ml
19) T n-Tetratriacontane (C34)	19.644	2535402	19.459 ug/ml
20) T n-Hexatriacontane (C36)	20.385	2225419	17.628 ug/ml
21) T n-Octatriacontane (C38)	21.117	2100285	17.239 ug/ml
22) T n-Tetracontane (C40)	22.015	1797788	15.054 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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