

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
 Data File : FE053061.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2025 01:39
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 31 02:34:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:32:07 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)	11.893	844490	5.147 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
12) S 1-chlorooctadecane (S...	13.338	616281	5.092 ug/ml
Spiked Amount 50.000		Recovery =	10.18%
Target Compounds			
1) T n-Nonane (C9)	3.241	794168	5.104 ug/ml
2) T n-Decane (C10)	4.502	801078	5.077 ug/ml
3) T A~Naphthalene (C11.7)	6.214	844127	4.974 ug/ml
4) T n-Dodecane (C12)	6.681	799896	5.084 ug/ml
5) T A~2-methylnaphthalene...	7.316	794430	4.909 ug/ml
6) T n-Tetradecane (C14)	8.516	791912	5.143 ug/ml
7) T n-Hexadecane (C16)	10.130	796849	5.123 ug/ml
8) T n-Octadecane (C18)	11.578	786402	5.135 ug/ml
10) T n-Eicosane (C20)	12.892	743598	5.167 ug/ml
11) T n-Heneicosane (C21)	13.506	721765	5.163 ug/ml
13) T n-Docosane (C22)	14.094	712566	5.168 ug/ml
14) T n-Tetracosane (C24)	15.200	699097	5.154 ug/ml
15) T n-Hexacosane (C26)	16.224	694483	5.178 ug/ml
16) T n-Octacosane (C28)	17.175	690349	5.221 ug/ml
17) T n-Tricontane (C30)	18.064	715799	5.282 ug/ml
18) T n-Dotriacontane (C32)	18.898	714056	5.319 ug/ml
19) T n-Tetratriacontane (C34)	19.684	684498	5.301 ug/ml
20) T n-Hexatriacontane (C36)	20.425	622561	5.279 ug/ml
21) T n-Octatriacontane (C38)	21.164	600593	5.218 ug/ml
22) T n-Tetracontane (C40)	22.078	581004	5.113 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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