

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
 Data File : FE054273.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 07:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 12:22:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.834	3255650	19.703 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.278	2392690	19.620 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.180	2452825	19.752 ug/ml
2) T n-Decane (C10)	4.443	2473911	19.910 ug/ml
3) T A~Naphthalene (C11.7)	6.158	2662514	19.702 ug/ml
4) T n-Dodecane (C12)	6.625	2534681	19.906 ug/ml
5) T A~2-methylnaphthalene...	7.261	2635253	19.896 ug/ml
6) T n-Tetradecane (C14)	8.460	2566610	19.825 ug/ml
7) T n-Hexadecane (C16)	10.072	2629498	19.795 ug/ml
8) T n-Octadecane (C18)	11.520	2667565	19.755 ug/ml
10) T n-Eicosane (C20)	12.833	2636544	19.709 ug/ml
11) T n-Heneicosane (C21)	13.446	2615604	19.671 ug/ml
13) T n-Docosane (C22)	14.033	2589381	19.748 ug/ml
14) T n-Tetracosane (C24)	15.139	2552894	19.791 ug/ml
15) T n-Hexacosane (C26)	16.162	2490188	19.838 ug/ml
16) T n-Octacosane (C28)	17.114	2431873	19.831 ug/ml
17) T n-Tricontane (C30)	18.003	2466314	19.899 ug/ml
18) T n-Dotriacontane (C32)	18.837	2500573	19.902 ug/ml
19) T n-Tetratriacontane (C34)	19.622	2481731	19.949 ug/ml
20) T n-Hexatriacontane (C36)	20.364	2575915	20.010 ug/ml
21) T n-Octatriacontane (C38)	21.092	2593609	19.642 ug/ml
22) T n-Tetracontane (C40)	21.984	2636398	19.571 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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