

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063025AL\
 Data File : FE054627.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jun 2025 10:28
 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

Integration File: autoint1.e
 Quant Time: Jul 01 06:07:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.069	3119751	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	13.505	2337271	18.507 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	3.422	2269859	16.875 ug/ml
2) T n-Decane (C10)	4.677	2394565	17.549 ug/ml
3) T A~Naphthalene (C11.7)	6.389	2664859	17.600 ug/ml
4) T n-Dodecane (C12)	6.849	2457103	17.908 ug/ml
5) T A~2-methylnaphthalene...	7.488	2685987	18.272 ug/ml
6) T n-Tetradecane (C14)	8.684	2472485	17.836 ug/ml
7) T n-Hexadecane (C16)	10.297	2528514	17.743 ug/ml
8) T n-Octadecane (C18)	11.745	2567986	17.522 ug/ml
10) T n-Eicosane (C20)	13.058	2577921	17.928 ug/ml
11) T n-Heneicosane (C21)	13.671	2531887	17.726 ug/ml
13) T n-Docosane (C22)	14.259	2627322	18.400 ug/ml
14) T n-Tetracosane (C24)	15.364	2770451	19.059 ug/ml
15) T n-Hexacosane (C26)	16.387	2863124	19.785 ug/ml
16) T n-Octacosane (C28)	17.339	2984323	20.477 ug/ml
17) T n-Tricontane (C30)	18.228	3216138	20.409 ug/ml
18) T n-Dotriacontane (C32)	19.062	3196181	19.756 ug/ml
19) T n-Tetratriacontane (C34)	19.845	2894935	18.997 ug/ml
20) T n-Hexatriacontane (C36)	20.585	2698151	20.067 ug/ml
21) T n-Octatriacontane (C38)	21.360	2474598	21.099 ug/ml
22) T n-Tetracontane (C40)	22.345	2358666	21.762 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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