

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102125AL\
 Data File : FE056430.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2025 23:25
 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: Oct 22 08:32:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.050	3822429	18.711 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	13.486	2862806	18.763 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	3.397	3150136	19.326 ug/ml
2) T n-Decane (C10)	4.650	3338150	20.299 ug/ml
3) T A~Naphthalene (C11.7)	6.367	3551160	20.088 ug/ml
4) T n-Dodecane (C12)	6.823	3435684	20.477 ug/ml
5) T A~2-methylnaphthalene...	7.467	3402592	20.421 ug/ml
6) T n-Tetradecane (C14)	8.659	3395785	20.440 ug/ml
7) T n-Hexadecane (C16)	10.274	3477466	19.876 ug/ml
8) T n-Octadecane (C18)	11.723	3518277	19.287 ug/ml
10) T n-Eicosane (C20)	13.038	3343620	18.779 ug/ml
11) T n-Heneicosane (C21)	13.652	3265235	18.611 ug/ml
13) T n-Docosane (C22)	14.240	3247519	18.346 ug/ml
14) T n-Tetracosane (C24)	15.347	3210149	17.644 ug/ml
15) T n-Hexacosane (C26)	16.371	3120543	17.384 ug/ml
16) T n-Octacosane (C28)	17.323	3077760	17.301 ug/ml
17) T n-Tricontane (C30)	18.214	3187000	17.553 ug/ml
18) T n-Dotriacontane (C32)	19.047	3138988	17.805 ug/ml
19) T n-Tetratriacontane (C34)	19.833	2837911	18.333 ug/ml
20) T n-Hexatriacontane (C36)	20.574	2484766	19.889 ug/ml
21) T n-Octatriacontane (C38)	21.344	2253461	21.568 ug/ml
22) T n-Tetracontane (C40)	22.318	2158137	23.783 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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