

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054422.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 00:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e
 Quant Time: Jun 17 03:37:35 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)	11.826	3445127	20.850 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
12) S 1-chlorooctadecane (S...	13.271	2560725	20.998 ug/ml
Spiked Amount 50.000		Recovery =	42.00%
Target Compounds			
1) T n-Nonane (C9)	3.175	2586717	20.830 ug/ml
2) T n-Decane (C10)	4.438	2624830	21.125 ug/ml
3) T A~Naphthalene (C11.7)	6.153	2873425	21.262 ug/ml
4) T n-Dodecane (C12)	6.620	2707549	21.264 ug/ml
5) T A~2-methylnaphthalene...	7.255	2763030	20.860 ug/ml
6) T n-Tetradecane (C14)	8.454	2717416	20.990 ug/ml
7) T n-Hexadecane (C16)	10.066	2788772	20.994 ug/ml
8) T n-Octadecane (C18)	11.513	2828344	20.946 ug/ml
10) T n-Eicosane (C20)	12.826	2792445	20.874 ug/ml
11) T n-Heneicosane (C21)	13.439	2783137	20.931 ug/ml
13) T n-Docosane (C22)	14.026	2750415	20.976 ug/ml
14) T n-Tetracosane (C24)	15.131	2733553	21.191 ug/ml
15) T n-Hexacosane (C26)	16.154	2668852	21.261 ug/ml
16) T n-Octacosane (C28)	17.106	2652197	21.627 ug/ml
17) T n-Tricontane (C30)	17.995	2744413	22.143 ug/ml
18) T n-Dotriacontane (C32)	18.829	2809489	22.361 ug/ml
19) T n-Tetratriacontane (C34)	19.614	2705665	21.749 ug/ml
20) T n-Hexatriacontane (C36)	20.354	2754192	21.395 ug/mlm
21) T n-Octatriacontane (C38)	21.082	2674142	20.252 ug/mlm
22) T n-Tetracontane (C40)	21.971	2601354	19.311 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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