

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052925AL\
 Data File : FE054064.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2025 10:58
 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 05/30/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
 Quant Time: May 30 01:32:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.839	3057150	18.812 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
12) S 1-chlorooctadecane (S...	13.285	2274253	19.184 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T n-Nonane (C9)	3.188	2191436	16.215 ug/ml
2) T n-Decane (C10)	4.451	2242638	16.596 ug/ml
3) T A~Naphthalene (C11.7)	6.165	2451960	17.061 ug/ml
4) T n-Dodecane (C12)	6.632	2326590	17.056 ug/ml
5) T A~2-methylnaphthalene...	7.267	2464525	17.768 ug/ml
6) T n-Tetradecane (C14)	8.466	2361595	17.500 ug/ml
7) T n-Hexadecane (C16)	10.079	2438955	18.075 ug/ml
8) T n-Octadecane (C18)	11.525	2511248	18.649 ug/mlm
10) T n-Eicosane (C20)	12.839	2471375	18.804 ug/ml
11) T n-Heneicosane (C21)	13.453	2457298	18.954 ug/ml
13) T n-Docosane (C22)	14.040	2444840	19.164 ug/ml
14) T n-Tetracosane (C24)	15.145	2418928	19.333 ug/ml
15) T n-Hexacosane (C26)	16.168	2380365	19.439 ug/ml
16) T n-Octacosane (C28)	17.119	2371339	19.507 ug/ml
17) T n-Tricontane (C30)	18.008	2458486	19.737 ug/ml
18) T n-Dotriacontane (C32)	18.842	2488716	19.901 ug/ml
19) T n-Tetratriacontane (C34)	19.627	2381352	19.991 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2373827	20.502 ug/ml
21) T n-Octatriacontane (C38)	21.100	2328760	21.399 ug/ml
22) T n-Tetracontane (C40)	21.992	2289581	23.073 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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