

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE053997.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 12:53
 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 05/27/2025
 Supervised By :mohammad ahmed 05/29/2025

Integration File: autoint1.e
 Quant Time: May 23 22:57:36 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)	11.841	3131238	19.268 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
12) S 1-chlorooctadecane (S...	13.286	2325732	19.618 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.192	2449973	18.127 ug/ml
2) T n-Decane (C10)	4.454	2488684	18.417 ug/ml
3) T A~Naphthalene (C11.7)	6.166	2670101	18.579 ug/ml
4) T n-Dodecane (C12)	6.634	2542287	18.638 ug/ml
5) T A~2-methylnaphthalene...	7.268	2693526	19.419 ug/mlm
6) T n-Tetradecane (C14)	8.469	2541823	18.835 ug/ml
7) T n-Hexadecane (C16)	10.081	2585762	19.163 ug/ml
8) T n-Octadecane (C18)	11.528	2575454	19.126 ug/ml
10) T n-Eicosane (C20)	12.840	2551101	19.411 ug/ml
11) T n-Heneicosane (C21)	13.454	2521862	19.452 ug/ml
13) T n-Docosane (C22)	14.041	2507466	19.655 ug/ml
14) T n-Tetracosane (C24)	15.147	2499317	19.976 ug/ml
15) T n-Hexacosane (C26)	16.170	2461977	20.106 ug/ml
16) T n-Octacosane (C28)	17.121	2478095	20.385 ug/ml
17) T n-Tricontane (C30)	18.010	2594100	20.825 ug/ml
18) T n-Dotriacontane (C32)	18.844	2638490	21.099 ug/ml
19) T n-Tetratriacontane (C34)	19.630	2497376	20.965 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2437967	21.056 ug/ml
21) T n-Octatriacontane (C38)	21.100	2354489	21.635 ug/ml
22) T n-Tetracontane (C40)	21.992	2275647	22.933 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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