

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
 Data File : FE053377.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 18:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2025
 Supervised By :mohammad ahmed 04/17/2025

Integration File: autoint1.e
 Quant Time: Apr 15 22:34:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.892	3450525	21.184 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
12) S 1-chlorooctadecane (S...	13.338	2570557	21.413 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
Target Compounds			
1) T n-Nonane (C9)	3.232	3337892	21.557 ug/ml
2) T n-Decane (C10)	4.494	3407855	21.726 ug/ml
3) T A~Naphthalene (C11.7)	6.208	3609390	21.486 ug/ml
4) T n-Dodecane (C12)	6.675	3421685	21.878 ug/ml
5) T A~2-methylnaphthalene...	7.311	3420612	21.438 ug/ml
6) T n-Tetradecane (C14)	8.513	3350799	21.884 ug/ml
7) T n-Hexadecane (C16)	10.128	3363608	21.821 ug/ml
8) T n-Octadecane (C18)	11.577	3274403	21.590 ug/ml
10) T n-Eicosane (C20)	12.892	3053277	21.415 ug/ml
11) T n-Heneicosane (C21)	13.506	2965064	21.367 ug/ml
13) T n-Docosane (C22)	14.094	2939180	21.461 ug/ml
14) T n-Tetracosane (C24)	15.201	2932720	21.714 ug/ml
15) T n-Hexacosane (C26)	16.226	2924650	21.923 ug/ml
16) T n-Octacosane (C28)	17.178	2954029	22.384 ug/ml
17) T n-Tricontane (C30)	18.068	3082915	22.745 ug/ml
18) T n-Dotriacontane (C32)	18.903	3122920	23.208 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2885570	22.300 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2421352	20.383 ug/ml
21) T n-Octatriacontane (C38)	21.169	2052140	17.855 ug/ml
22) T n-Tetracontane (C40)	22.086	1947810	17.343 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
Data File : FE053377.D
Signal(s) : FID1B.ch
Acq On : 15 Apr 2025 18:43
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/16/2025
Supervised By :mohammad ahmed 04/17/2025

Integration File: autoint1.e
Quant Time: Apr 15 22:34:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

