

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031825AL\
 Data File : FE052849.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2025 20:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/19/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e
 Quant Time: Mar 19 02:38:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.908	3151252	18.692 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.353	2371204	19.528 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T n-Nonane (C9)	3.247	2965912	19.129 ug/ml
2) T n-Decane (C10)	4.509	3096825	19.713 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3307808	19.505 ug/ml
4) T n-Dodecane (C12)	6.691	3079876	19.781 ug/ml
5) T A~2-methylnaphthalene...	7.327	3167067	19.543 ug/ml
6) T n-Tetradecane (C14)	8.528	3003972	19.853 ug/ml
7) T n-Hexadecane (C16)	10.143	3051925	19.962 ug/ml
8) T n-Octadecane (C18)	11.592	2993303	19.675 ug/ml
10) T n-Eicosane (C20)	12.907	2832920	19.514 ug/ml
11) T n-Heneicosane (C21)	13.521	2758122	19.379 ug/ml
13) T n-Docosane (C22)	14.109	2763743	19.421 ug/ml
14) T n-Tetracosane (C24)	15.217	2821212	19.714 ug/ml
15) T n-Hexacosane (C26)	16.241	2822870	19.852 ug/ml
16) T n-Octacosane (C28)	17.194	2957224	20.797 ug/ml
17) T n-Tricontane (C30)	18.085	3238244	21.924 ug/ml
18) T n-Dotriacontane (C32)	18.919	3307734	22.784 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2934884	21.775 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2554842	21.501 ug/ml
21) T n-Octatriacontane (C38)	21.188	2473442	22.296 ug/ml
22) T n-Tetracontane (C40)	22.110	2447835	22.641 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031825AL\
Data File : FE052849.D
Signal(s) : FID1B.ch
Acq On : 18 Mar 2025 20:44
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/19/2025
Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e
Quant Time: Mar 19 02:38:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

