

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103124AL\
 Data File : FE050935.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2024 10:31
 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 11/01/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Oct 31 14:40:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.853	2891810	18.343 ug/mlm
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	13.288	2211725	18.697 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.244	2546000	18.020 ug/ml
2) T n-Decane (C10)	4.494	2647420	18.452 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2522710	17.643 ug/ml
4) T n-Dodecane (C12)	6.661	2664689	18.513 ug/ml
5) T A~2-methylnaphthalene...	7.302	2324418	17.545 ug/ml
6) T n-Tetradecane (C14)	8.488	2642166	18.468 ug/ml
7) T n-Hexadecane (C16)	10.093	2738406	18.607 ug/ml
8) T n-Octadecane (C18)	11.534	2770990	18.551 ug/ml
10) T n-Eicosane (C20)	12.841	2662077	18.564 ug/ml
11) T n-Heneicosane (C21)	13.452	2604584	18.547 ug/ml
13) T n-Docosane (C22)	14.037	2627198	18.726 ug/ml
14) T n-Tetracosane (C24)	15.138	2626325	18.590 ug/mlm
15) T n-Hexacosane (C26)	16.158	2679626	19.043 ug/mlm
16) T n-Octacosane (C28)	17.108	2859507	19.541 ug/ml
17) T n-Tricontane (C30)	17.994	3273920	20.590 ug/ml
18) T n-Dotriacontane (C32)	18.825	3441289	21.228 ug/ml
19) T n-Tetratriacontane (C34)	19.608	3076436	20.944 ug/ml
20) T n-Hexatriacontane (C36)	20.348	2569621	20.263 ug/mlm
21) T n-Octatriacontane (C38)	21.070	2261967	18.294 ug/ml
22) T n-Tetracontane (C40)	21.954	1921047	17.252 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103124AL\
Data File : FE050935.D
Signal(s) : FID1B.ch
Acq On : 31 Oct 2024 10:31
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 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
Quant Time: Oct 31 14:40:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.
Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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

