

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111423AL\  
 Data File : FE045338.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Nov 2023 14:05  
 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 11/15/2023  
 Supervised By :Ankita Jodhani 11/15/2023

Integration File: autoint1.e  
 Quant Time: Nov 14 21:45:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 04 05:16:05 2023  
 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)	11.877	3966168	20.773 ug/ml
Spiked Amount	50.000	Recovery =	41.55%
12) S 1-chlorooctadecane (S...	13.319	2833514	20.572 ug/ml
Spiked Amount	50.000	Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.265	3374450	20.427 ug/ml
2) T n-Decane (C10)	4.515	3498883	20.867 ug/ml
3) T A~Naphthalene (C11.7)	6.215	3692623	20.687 ug/ml
4) T n-Dodecane (C12)	6.682	3542681	20.977 ug/ml
5) T A~2-methylnaphthalene...	7.311	3541950	20.627 ug/ml
6) T n-Tetradecane (C14)	8.508	3474660	20.848 ug/ml
7) T n-Hexadecane (C16)	10.118	3503377	20.828 ug/ml
8) T n-Octadecane (C18)	11.563	3458232	20.662 ug/ml
10) T n-Eicosane (C20)	12.874	3276323	20.683 ug/ml
11) T n-Heneicosane (C21)	13.487	3174707	20.648 ug/ml
13) T n-Docosane (C22)	14.074	3131069	20.665 ug/ml
14) T n-Tetracosane (C24)	15.179	3094725	20.895 ug/ml
15) T n-Hexacosane (C26)	16.202	3069753	21.061 ug/ml
16) T n-Octacosane (C28)	17.153	3139284	21.483 ug/ml
17) T n-Tricontane (C30)	18.043	3383163	22.273 ug/ml
18) T n-Dotriacontane (C32)	18.878	3563002	22.807 ug/ml
19) T n-Tetratriacontane (C34)	19.663	3559768	22.799 ug/ml
20) T n-Hexatriacontane (C36)	20.404	3602880	22.196 ug/ml
21) T n-Octatriacontane (C38)	21.141	3538025	21.295 ug/mlm
22) T n-Tetracontane (C40)	22.049	3402874	19.922 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111423AL\  
 Data File : FE045338.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Nov 2023 14:05  
 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 11/15/2023  
 Supervised By :Ankita Jodhani 11/15/2023

Integration File: autoint1.e  
 Quant Time: Nov 14 21:45:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 04 05:16:05 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

