

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032825AL\
 Data File : FE053044.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 15:07
 Operator : YP\AJ
 Sample : PB167363BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167363BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/31/2025

Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e

Quant Time: Mar 28 22:54:08 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)	11.900	6693868	39.706 ug/ml
Spiked Amount 50.000		Recovery =	79.41%
12) S 1-chlorooctadecane (S...	13.343	5091520	41.931 ug/ml
Spiked Amount 50.000		Recovery =	83.86%
Target Compounds			
1) T n-Nonane (C9)	3.251	5564133	35.886 ug/ml
2) T n-Decane (C10)	4.508	6020012	38.321 ug/ml
3) T A~Naphthalene (C11.7)	6.217	6885744	40.602 ug/ml
4) T n-Dodecane (C12)	6.685	6436114	41.337 ug/ml
5) T A~2-methylnaphthalene...	7.319	6288044	38.801 ug/ml
6) T n-Tetradecane (C14)	8.522	6395226	42.266 ug/ml
7) T n-Hexadecane (C16)	10.135	6374636	41.695 ug/ml
8) T n-Octadecane (C18)	11.584	6191742	40.697 ug/ml
10) T n-Eicosane (C20)	12.898	6209759	42.775 ug/ml
11) T n-Heneicosane (C21)	13.512	5899941	41.453 ug/ml
13) T n-Docosane (C22)	14.100	5801591	40.767 ug/ml
14) T n-Tetracosane (C24)	15.194	11873748	82.970 ug/ml
15) T n-Hexacosane (C26)	16.231	5622103	39.538 ug/ml
16) T n-Octacosane (C28)	17.182	5757572	40.491 ug/ml
17) T n-Tricontane (C30)	18.073	5764124	39.026 ug/ml
18) T n-Dotriacontane (C32)	18.907	5934080	40.874 ug/mlm
19) T n-Tetratriacontane (C34)	19.691	6090455	45.188 ug/ml
20) T n-Hexatriacontane (C36)	20.432	6032378	50.768 ug/mlm
21) T n-Octatriacontane (C38)	21.173	6121862	55.184 ug/ml
22) T n-Tetracontane (C40)	22.088	5844772	54.060 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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