

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052884.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 13:38
 Operator : YP\AJ
 Sample : PB167227BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167227BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/21/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e

Quant Time: Mar 20 23:21:27 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)	11.907	6465765	38.353 ug/ml
Spiked Amount 50.000		Recovery =	76.71%
12) S 1-chlorooctadecane (S...	13.352	4963051	40.873 ug/ml
Spiked Amount 50.000		Recovery =	81.75%
Target Compounds			
1) T n-Nonane (C9)	3.257	7043993	45.430 ug/ml
2) T n-Decane (C10)	4.514	7486478	47.655 ug/ml
3) T A~Naphthalene (C11.7)	6.223	8729884	51.476 ug/ml
4) T n-Dodecane (C12)	6.691	8120170	52.153 ug/ml
5) T A~2-methylnaphthalene...	7.325	8249053	50.902 ug/ml
6) T n-Tetradecane (C14)	8.530	8580100	56.706 ug/ml
7) T n-Hexadecane (C16)	10.143	8421622	55.084 ug/ml
8) T n-Octadecane (C18)	11.593	8287728	54.474 ug/ml
10) T n-Eicosane (C20)	12.908	8270444	56.969 ug/ml
11) T n-Heneicosane (C21)	13.522	7886711	55.412 ug/ml
13) T n-Docosane (C22)	14.110	7808428	54.869 ug/ml
14) T n-Tetracosane (C24)	15.206	15910253	111.176 ug/ml
15) T n-Hexacosane (C26)	16.242	7582113	53.322 ug/ml
16) T n-Octacosane (C28)	17.193	7652088	53.814 ug/ml
17) T n-Tricontane (C30)	18.085	7652009	51.808 ug/ml
18) T n-Dotriacontane (C32)	18.917	7659402	52.758 ug/ml
19) T n-Tetratriacontane (C34)	19.702	7820447	58.024 ug/ml
20) T n-Hexatriacontane (C36)	20.445	7657409	64.444 ug/ml
21) T n-Octatriacontane (C38)	21.187	7754197	69.898 ug/ml
22) T n-Tetracontane (C40)	22.107	7535153	69.695 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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