

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
 Data File : FE053500.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 14:47
 Operator : YP\AJ
 Sample : PB167712BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167712BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File: autoint1.e

Quant Time: Apr 24 01:26:25 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Wed Apr 23 15:58:53 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)	11.871	6027461	33.419 ug/ml
Spiked Amount 50.000		Recovery =	66.84%
12) S 1-chlorooctadecane (S...	13.316	4681980	34.636 ug/ml
Spiked Amount 50.000		Recovery =	69.27%
Target Compounds			
1) T n-Nonane (C9)	3.227	5011645	36.554 ug/ml
2) T n-Decane (C10)	4.484	5248955	37.944 ug/ml
3) T A~Naphthalene (C11.7)	6.193	6059171	40.142 ug/ml
4) T n-Dodecane (C12)	6.661	5391524	38.443 ug/ml
5) T A~2-methylnaphthalene...	7.294	5499944	36.837 ug/ml
6) T n-Tetradecane (C14)	8.498	5464774	38.954 ug/ml
7) T n-Hexadecane (C16)	10.109	5402271	37.693 ug/ml
8) T n-Octadecane (C18)	11.557	5331396	36.583 ug/mlm
10) T n-Eicosane (C20)	12.871	5439380	37.381 ug/ml
11) T n-Heneicosane (C21)	13.485	5205081	35.936 ug/ml
13) T n-Docosane (C22)	14.071	5139092	35.613 ug/ml
14) T n-Tetracosane (C24)	15.168	10611030	73.872 ug/ml
15) T n-Hexacosane (C26)	16.202	4942189	34.895 ug/ml
16) T n-Octacosane (C28)	17.153	5140227	36.947 ug/ml
17) T n-Tricontane (C30)	18.043	4806083	34.528 ug/ml
18) T n-Dotriacontane (C32)	18.875	4646937	33.843 ug/ml
19) T n-Tetratriacontane (C34)	19.661	4682766	35.940 ug/ml
20) T n-Hexatriacontane (C36)	20.402	4473700	35.436 ug/ml
21) T n-Octatriacontane (C38)	21.137	4359859	35.786 ug/ml
22) T n-Tetracontane (C40)	22.042	4269522	35.752 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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