

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
 Data File : FE056107.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2025 01:53
 Operator : YP\AJ
 Sample : PB169923BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169923BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File: autoint1.e
 Quant Time: Oct 01 04:08:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.076	8030054	42.792 ug/ml
Spiked Amount 50.000		Recovery =	85.58%
12) S 1-chlorooctadecane (S...	13.512	6471858	46.372 ug/ml
Spiked Amount 50.000		Recovery =	92.74%
Target Compounds			
1) T n-Nonane (C9)	3.419	4861281	35.486 ug/ml
2) T n-Decane (C10)	4.676	5262835	37.709 ug/ml
3) T A~Naphthalene (C11.7)	6.393	6957928	43.579 ug/ml
4) T n-Dodecane (C12)	6.848	5885933	41.009 ug/ml
5) T A~2-methylnaphthalene...	7.495	6918642	44.488 ug/ml
6) T n-Tetradecane (C14)	8.687	6603318	44.664 ug/ml
7) T n-Hexadecane (C16)	10.299	7562027	47.587 ug/ml
8) T n-Octadecane (C18)	11.750	8294713	48.970 ug/ml
10) T n-Eicosane (C20)	13.065	9045281	54.567 ug/ml
11) T n-Heneicosane (C21)	13.679	8733515	53.748 ug/ml
13) T n-Docosane (C22)	14.268	8610005	53.883 ug/ml
14) T n-Tetracosane (C24)	15.376	16311553	107.045 ug/ml
15) T n-Hexacosane (C26)	16.398	7656033	53.677 ug/ml
16) T n-Octacosane (C28)	17.349	7433080	53.358 ug/ml
17) T n-Tricontane (C30)	18.239	7391879	49.884 ug/ml
18) T n-Dotriacontane (C32)	19.072	7442455	49.883 ug/ml
19) T n-Tetratriacontane (C34)	19.857	7901948	55.864 ug/ml
20) T n-Hexatriacontane (C36)	20.600	8158577	63.555 ug/ml
21) T n-Octatriacontane (C38)	21.374	8401241	63.964 ug/mlm
22) T n-Tetracontane (C40)	22.364	8194165	68.877 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
Data File : FE056107.D
Signal(s) : FID1B.ch
Acq On : 01 Oct 2025 01:53
Operator : YP\AJ
Sample : PB169923BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

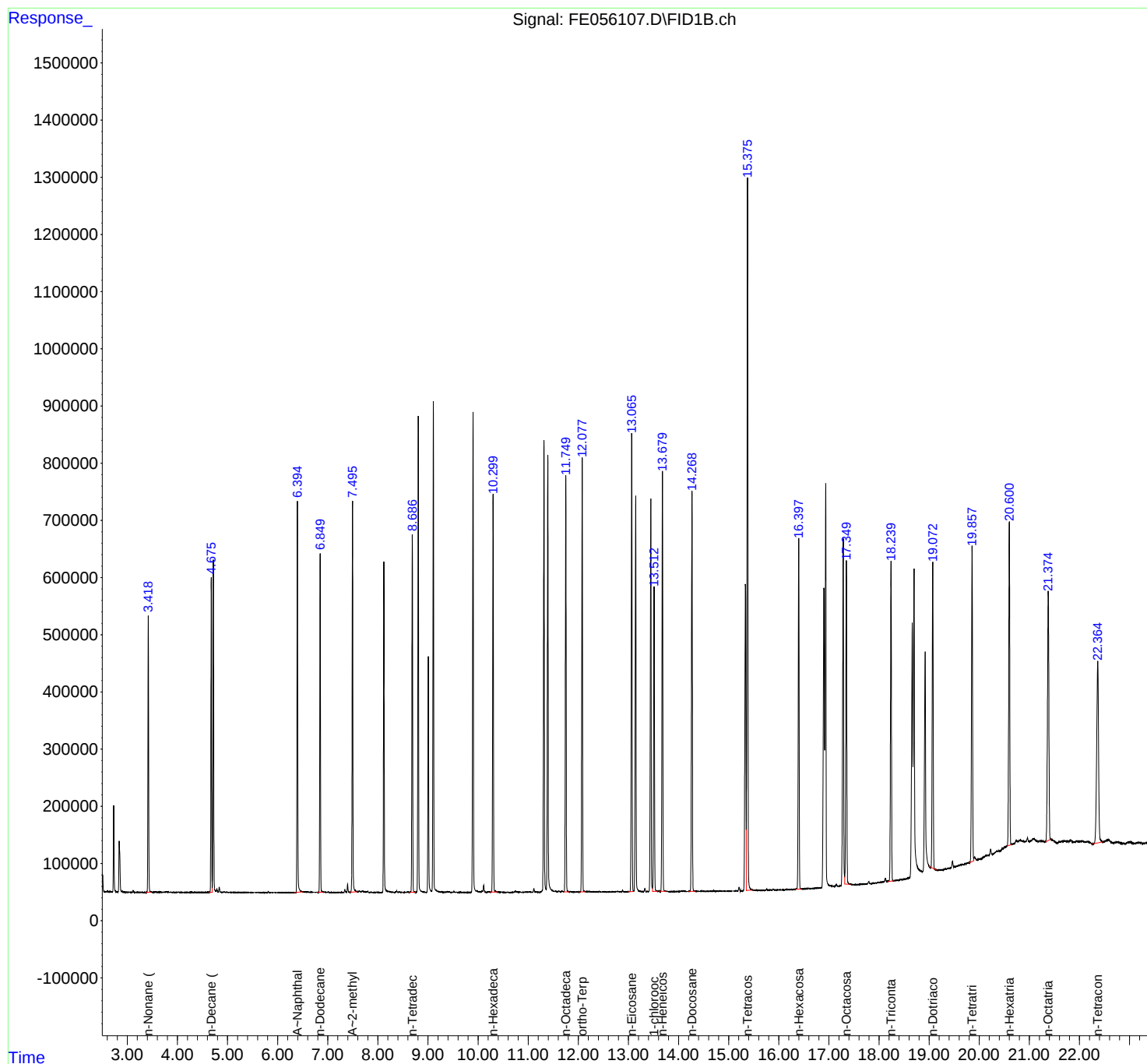
Instrument :
FID_E
ClientSampleId :
PB169923BSD

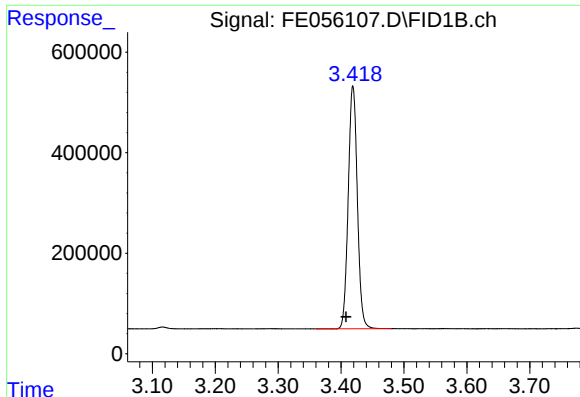
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/01/2025
Supervised By :mohammad ahmed 10/03/2025

Integration File: autoint1.e
Quant Time: Oct 01 04:08:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 12:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: 0.011 min
Response: 4861281
Conc: 35.49 ug/ml

Instrument :

FID_E

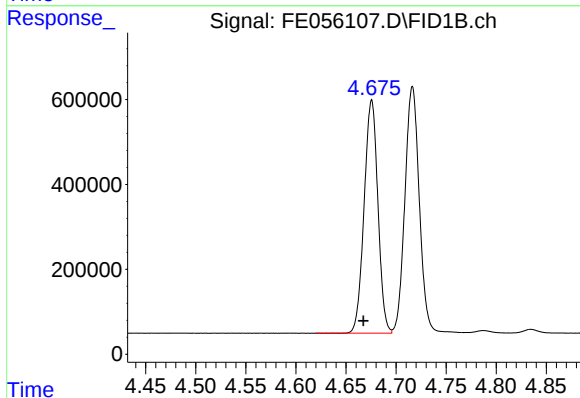
ClientSampleId :

PB169923BSD

Manual Integrations

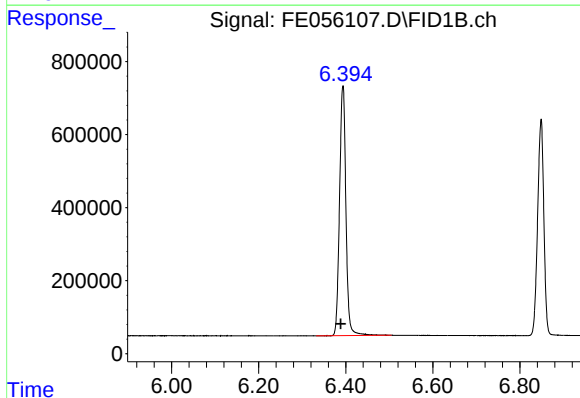
APPROVED

Reviewed By :Yogesh Patel 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



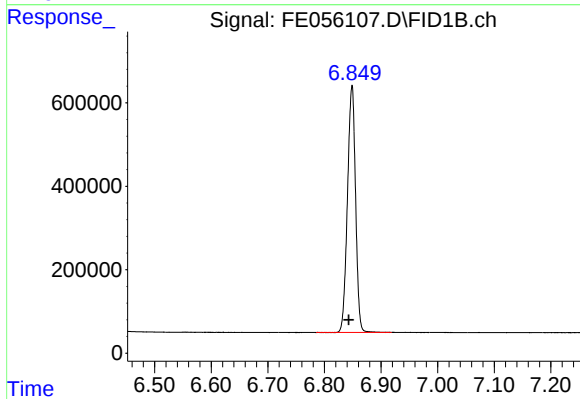
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: 0.008 min
Response: 5262835
Conc: 37.71 ug/ml



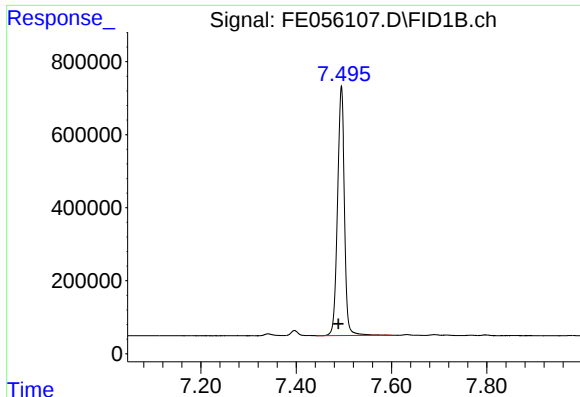
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: 0.005 min
Response: 6957928
Conc: 43.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.006 min
Response: 5885933
Conc: 41.01 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.495 min
Delta R.T.: 0.006 min
Response: 6918642
Conc: 44.49 ug/ml

Instrument :

FID_E

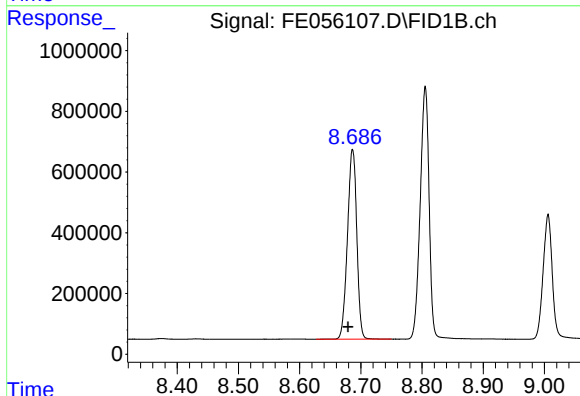
ClientSampleId :

PB169923BSD

Manual Integrations

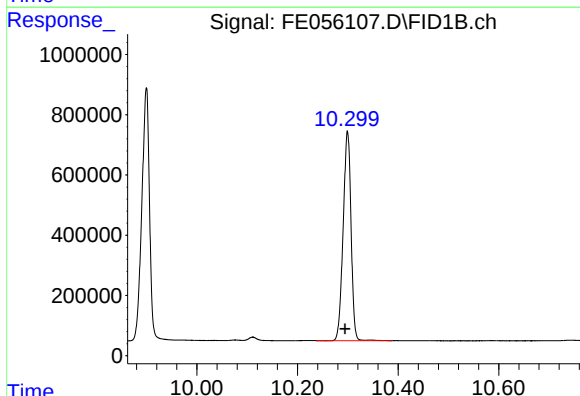
APPROVED

Reviewed By :Yogesh Patel 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



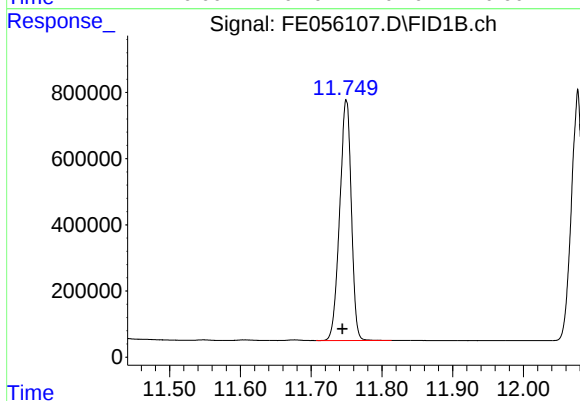
#6 n-Tetradecane (C14)

R.T.: 8.687 min
Delta R.T.: 0.007 min
Response: 6603318
Conc: 44.66 ug/ml



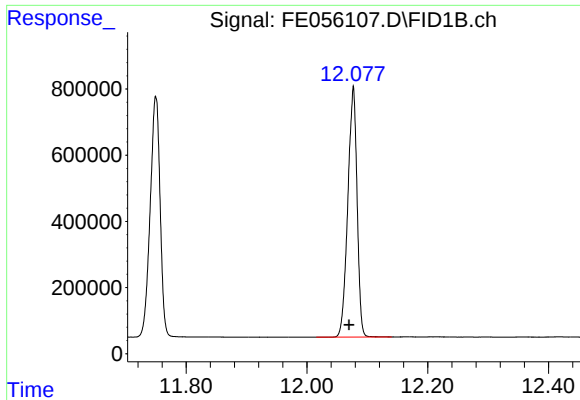
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: 0.005 min
Response: 7562027
Conc: 47.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.750 min
Delta R.T.: 0.006 min
Response: 8294713
Conc: 48.97 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.007 min
Response: 8030054
Conc: 42.79 ug/ml

Instrument :

FID_E

ClientSampleId :

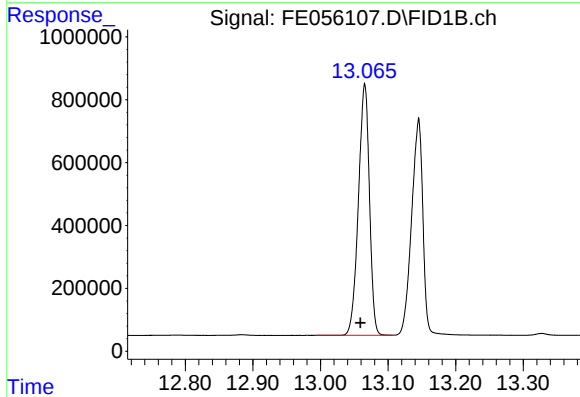
PB169923BSD

Manual Integrations

APPROVED

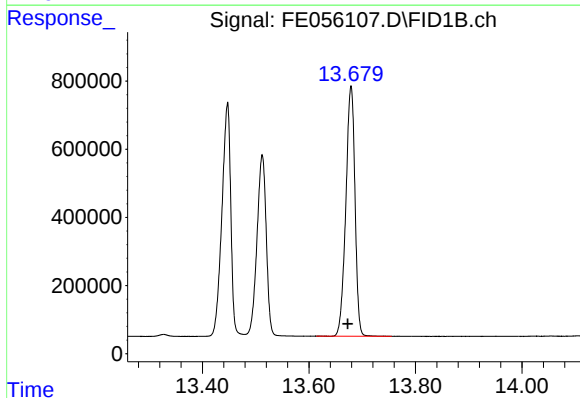
Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



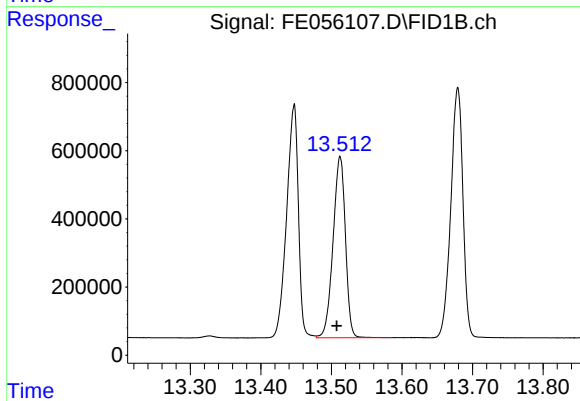
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: 0.006 min
Response: 9045281
Conc: 54.57 ug/ml



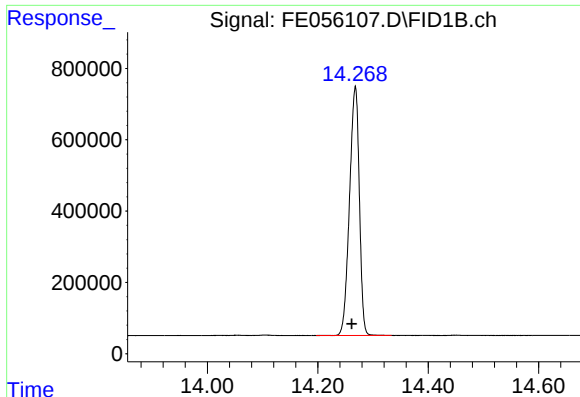
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: 0.006 min
Response: 8733515
Conc: 53.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.005 min
Response: 6471858
Conc: 46.37 ug/ml



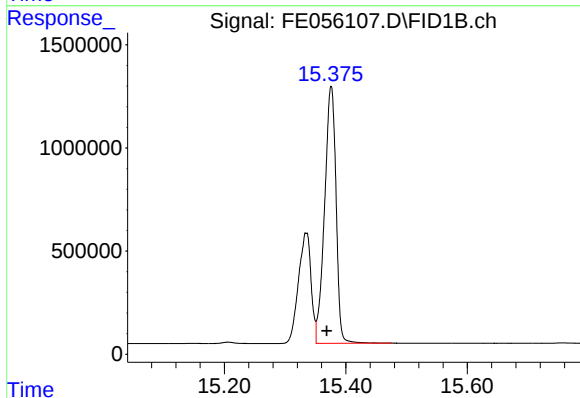
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: 0.006 min
Response: 8610005
Conc: 53.88 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169923BSD

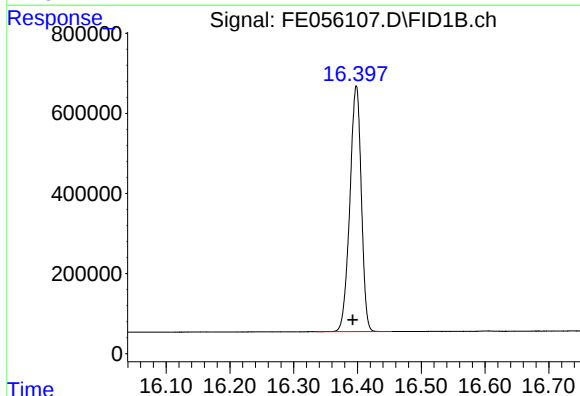
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



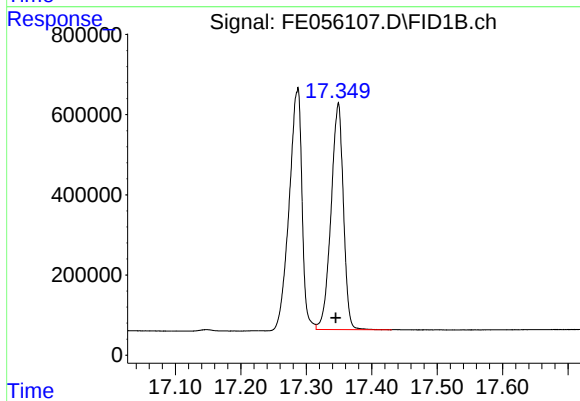
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: 0.007 min
Response: 16311553
Conc: 107.04 ug/ml



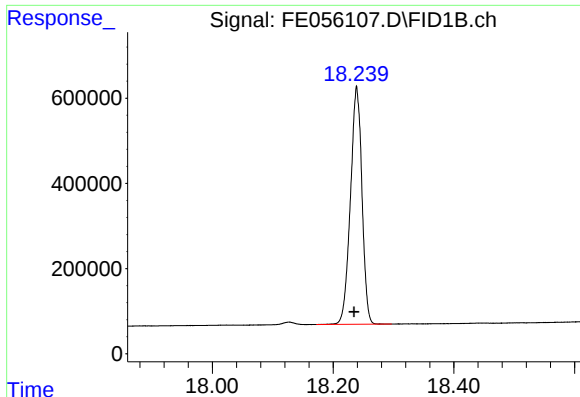
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.005 min
Response: 7656033
Conc: 53.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: 0.004 min
Response: 7433080
Conc: 53.36 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.005 min
Response: 7391879
Conc: 49.88 ug/ml

Instrument :

FID_E

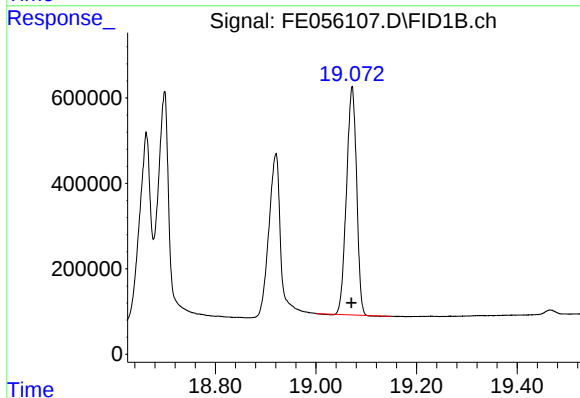
ClientSampleId :

PB169923BSD

Manual Integrations

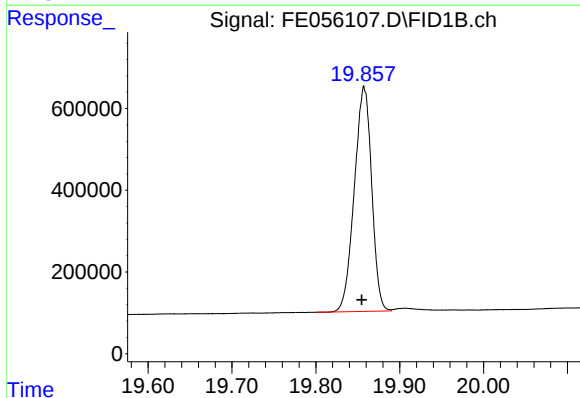
APPROVED

Reviewed By :Yogesh Patel 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



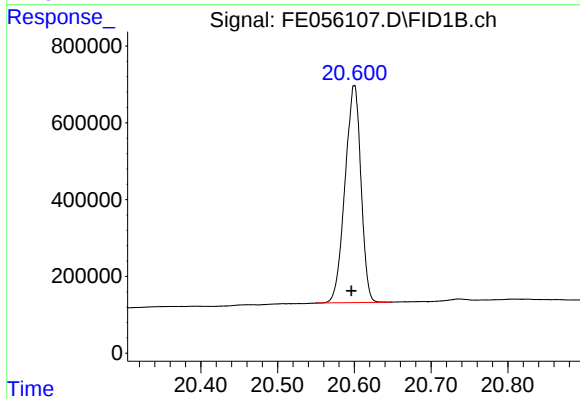
#18 n-Dotriacontane (C32)

R.T.: 19.072 min
Delta R.T.: 0.001 min
Response: 7442455
Conc: 49.88 ug/ml



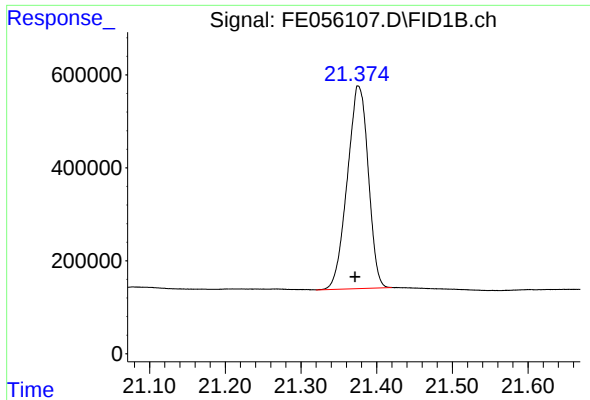
#19 n-Tetratriacontane (C34)

R.T.: 19.857 min
Delta R.T.: 0.003 min
Response: 7901948
Conc: 55.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.004 min
Response: 8158577
Conc: 63.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: 0.002 min
Response: 8401241
Conc: 63.96 ug/ml

Instrument :

FID_E

ClientSampleId :

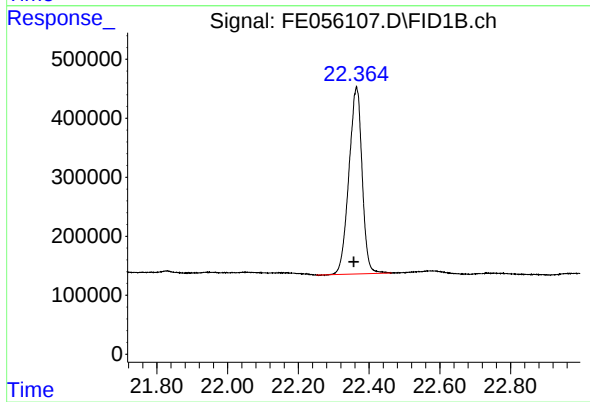
PB169923BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: 0.008 min
Response: 8194165
Conc: 68.88 ug/ml