

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055693.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 17:08
 Operator : YP\AJ
 Sample : PB169567BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169567BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File: sample.E
 Quant Time: Sep 06 01:45:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.073	6241819	37.994 ug/ml
Spiked Amount 50.000		Recovery =	75.99%
12) S 1-chlorooctadecane (S...	13.509	4923671	39.375 ug/ml
Spiked Amount 50.000		Recovery =	78.75%
Target Compounds			
1) T n-Nonane (C9)	3.417	4109261	32.381 ug/ml
2) T n-Decane (C10)	4.673	4353282	33.984 ug/ml
3) T A~Naphthalene (C11.7)	6.389	5112897	35.191 ug/ml
4) T n-Dodecane (C12)	6.846	4649984	35.711 ug/ml
5) T A~2-methylnaphthalene...	7.490	4863600	34.579 ug/ml
6) T n-Tetradecane (C14)	8.684	4858459	36.892 ug/ml
7) T n-Hexadecane (C16)	10.297	5120454	36.972 ug/ml
8) T n-Octadecane (C18)	11.747	5280412	36.202 ug/ml
10) T n-Eicosane (C20)	13.062	5554480	38.587 ug/ml
11) T n-Heneicosane (C21)	13.676	5358567	37.513 ug/ml
13) T n-Docosane (C22)	14.264	5327978	37.221 ug/ml
14) T n-Tetracosane (C24)	15.369	11151472	77.067 ug/ml
15) T n-Hexacosane (C26)	16.396	5266176	36.862 ug/ml
16) T n-Octacosane (C28)	17.345	5414291	38.065 ug/mlm
17) T n-Tricontane (C30)	18.238	5441629	36.813 ug/ml
18) T n-Dotriacontane (C32)	19.071	5482281	37.351 ug/ml
19) T n-Tetratriacontane (C34)	19.856	5804861	41.086 ug/ml
20) T n-Hexatriacontane (C36)	20.596	5785224	43.842 ug/ml
21) T n-Octatriacontane (C38)	21.374	5857391	44.974 ug/ml
22) T n-Tetracontane (C40)	22.359	5556233	43.327 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
Data File : FE055693.D
Signal(s) : FID1B.ch
Acq On : 05 Sep 2025 17:08
Operator : YP\AJ
Sample : PB169567BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

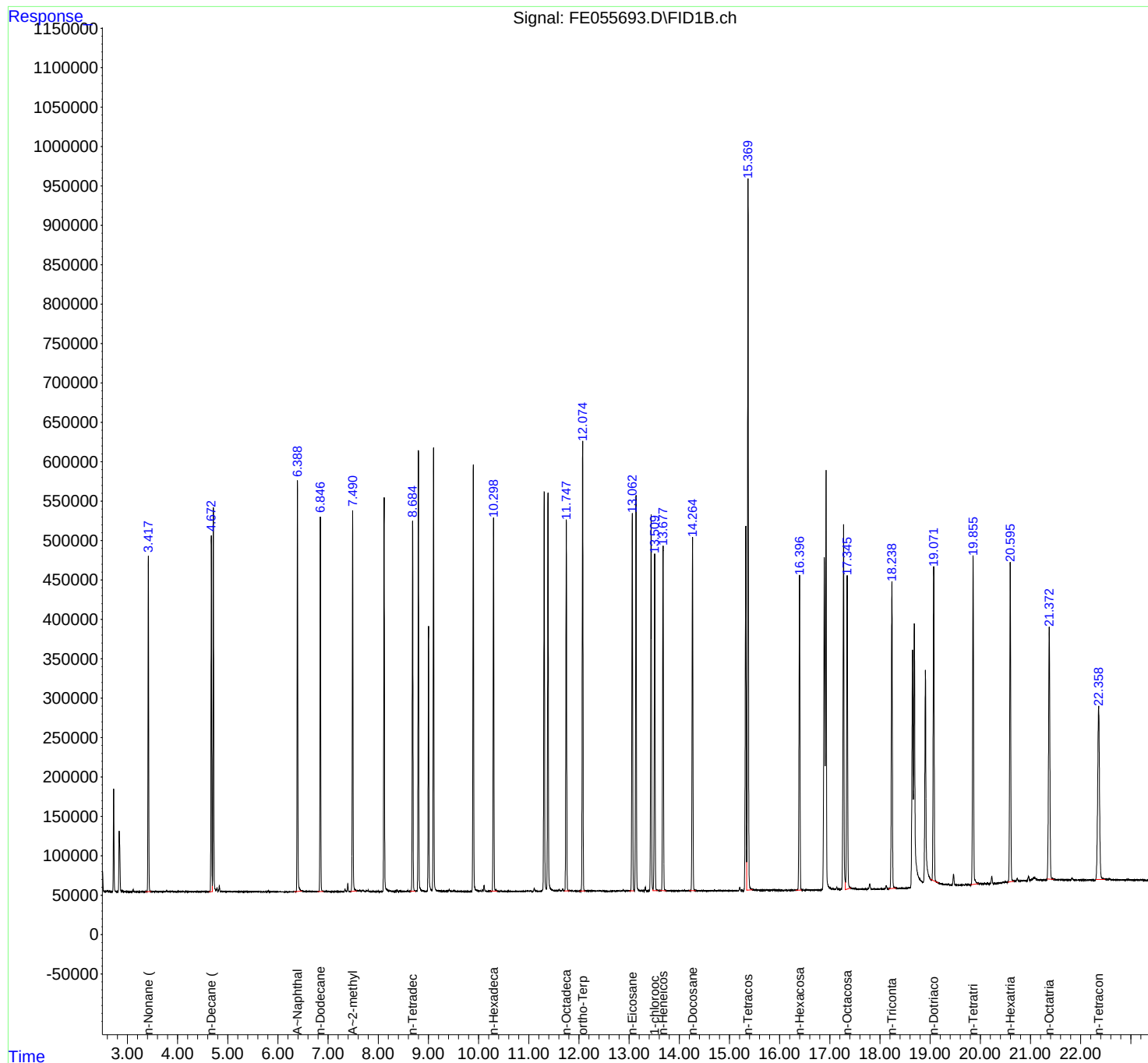
Instrument :
FID_E
ClientSampleId :
PB169567BSD

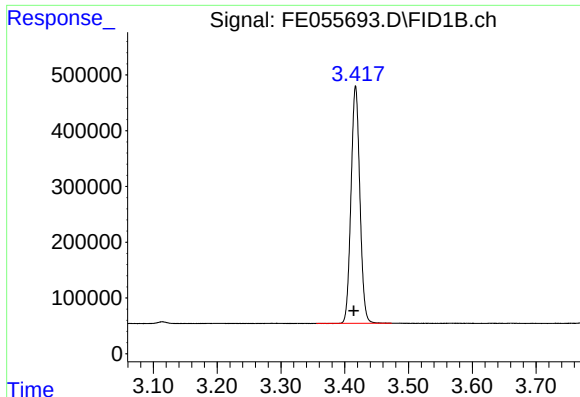
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025

Integration File: sample.E
Quant Time: Sep 06 01:45:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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





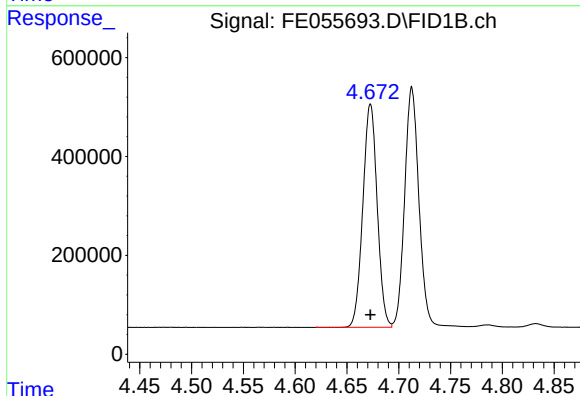
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: 0.003 min
Response: 4109261
Conc: 32.38 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169567BSD

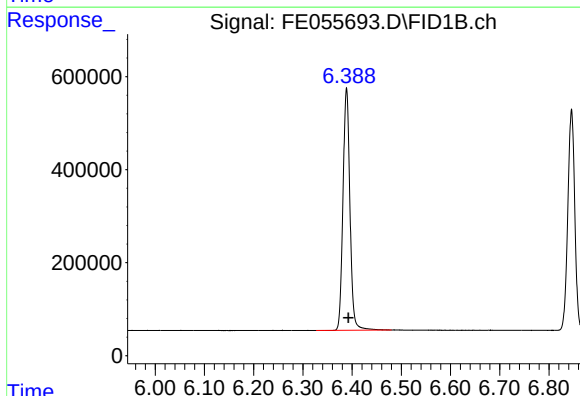
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



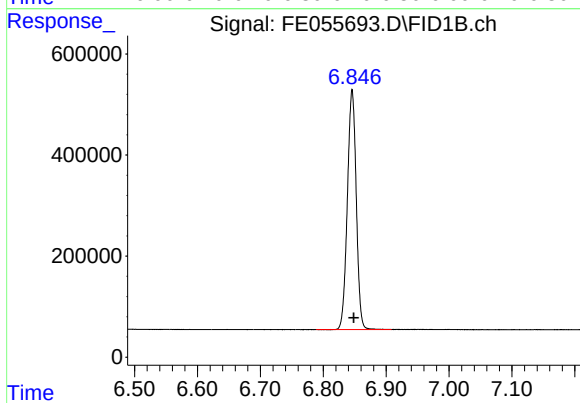
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 4353282
Conc: 33.98 ug/ml



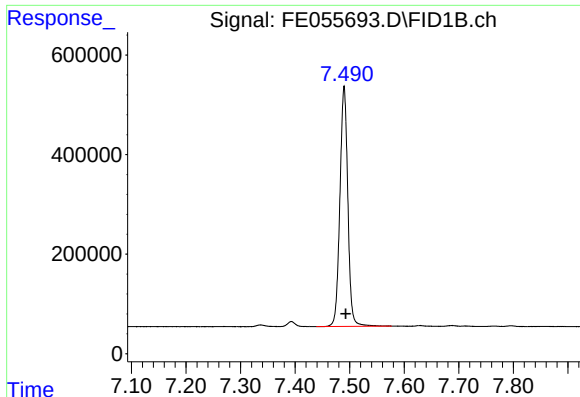
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 5112897
Conc: 35.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 4649984
Conc: 35.71 ug/ml



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

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 4863600
Conc: 34.58 ug/ml

Instrument :

FID_E

ClientSampleId :

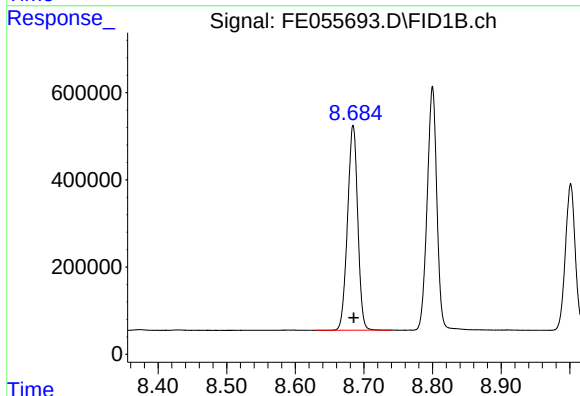
PB169567BSD

Manual Integrations

APPROVED

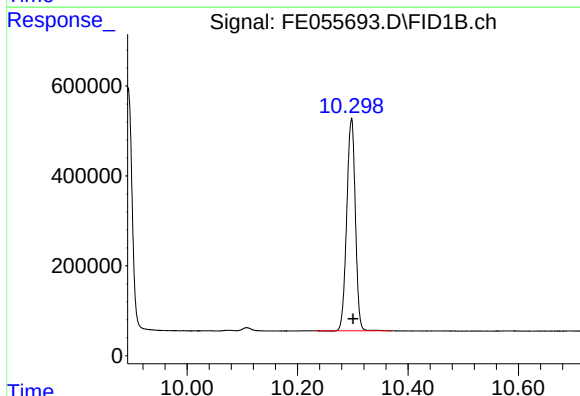
Reviewed By :Yogesh Patel 09/08/2025

Supervised By :mohammad ahmed 09/09/2025



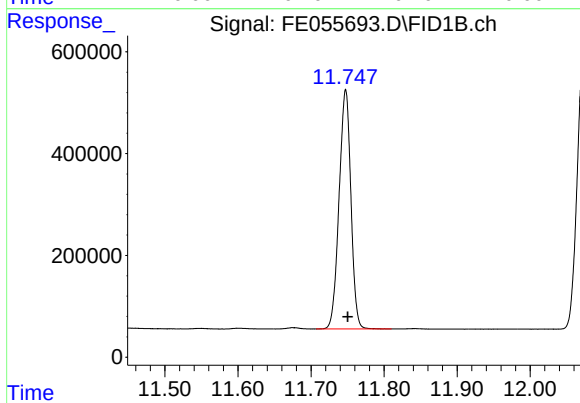
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: -0.001 min
Response: 4858459
Conc: 36.89 ug/ml



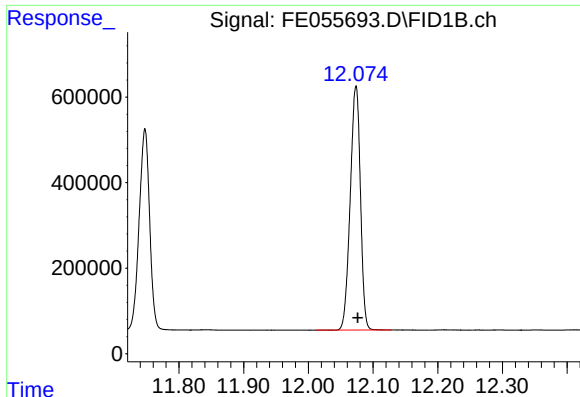
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: -0.003 min
Response: 5120454
Conc: 36.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 5280412
Conc: 36.20 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.073 min
Delta R.T.: -0.003 min
Response: 6241819
Conc: 37.99 ug/ml

Instrument :

FID_E

ClientSampleId :

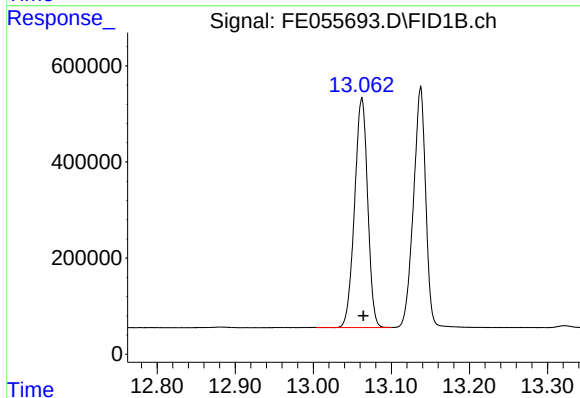
PB169567BSD

Manual Integrations

APPROVED

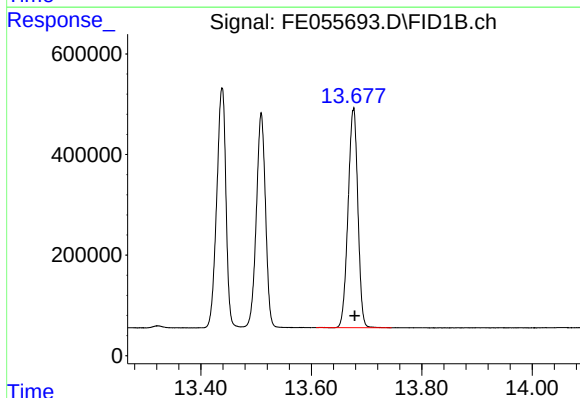
Reviewed By :Yogesh Patel 09/08/2025

Supervised By :mohammad ahmed 09/09/2025



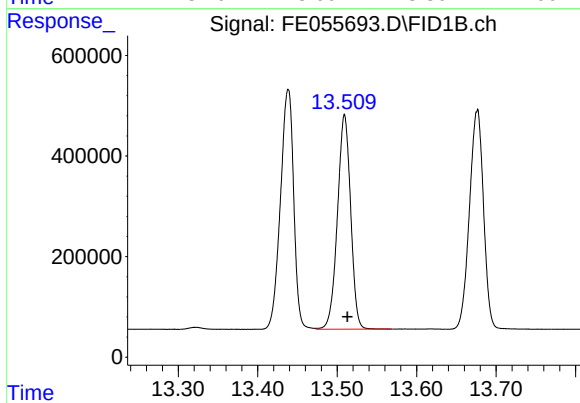
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.002 min
Response: 5554480
Conc: 38.59 ug/ml



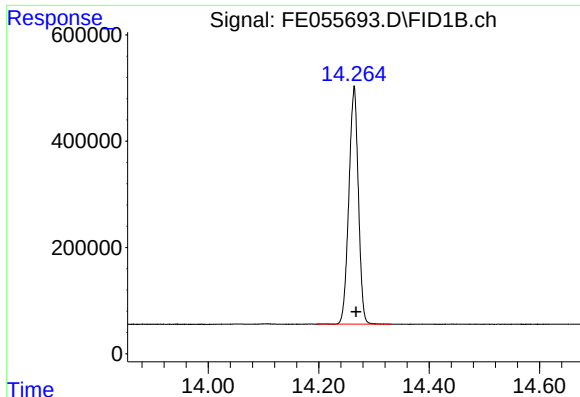
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: -0.003 min
Response: 5358567
Conc: 37.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 4923671
Conc: 39.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.264 min
Delta R.T.: -0.003 min
Response: 5327978
Conc: 37.22 ug/ml

Instrument :

FID_E

ClientSampleId :

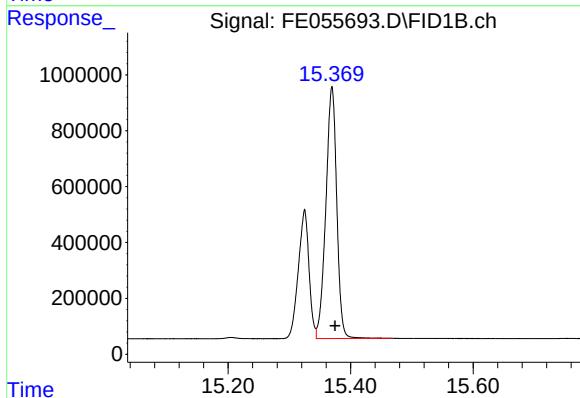
PB169567BSD

Manual Integrations

APPROVED

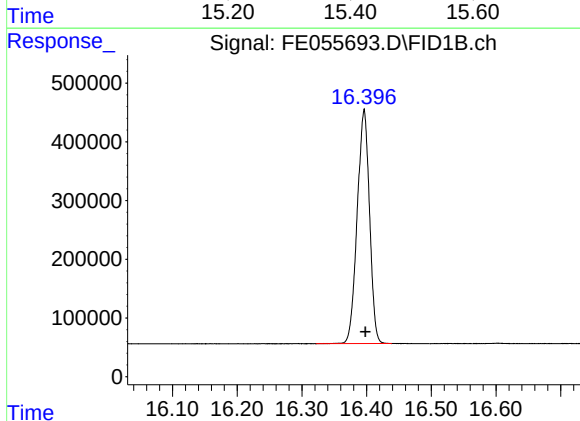
Reviewed By :Yogesh Patel 09/08/2025

Supervised By :mohammad ahmed 09/09/2025



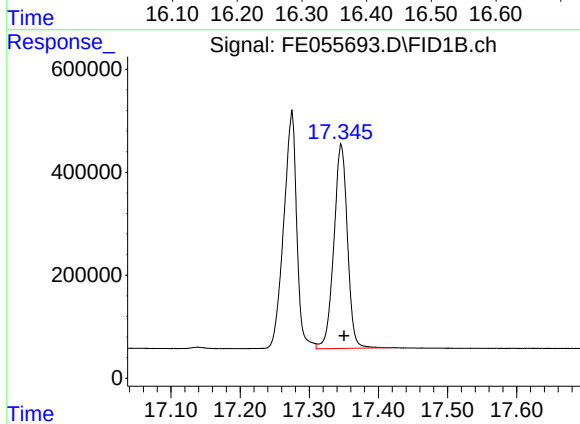
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.005 min
Response: 11151472
Conc: 77.07 ug/ml



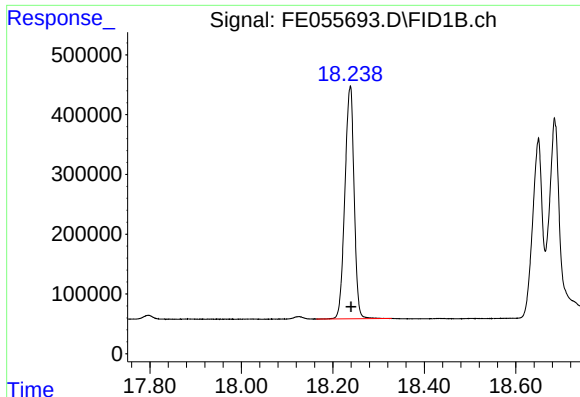
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: -0.002 min
Response: 5266176
Conc: 36.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.345 min
Delta R.T.: -0.005 min
Response: 5414291
Conc: 38.07 ug/ml m



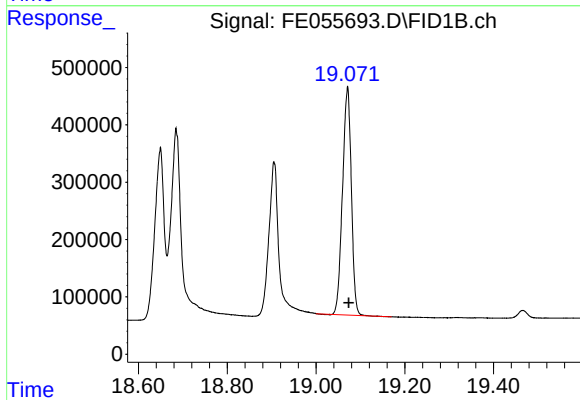
#17 n-Tricontane (C30)

R.T.: 18.238 min
Delta R.T.: -0.002 min
Response: 5441629
Conc: 36.81 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169567BSD

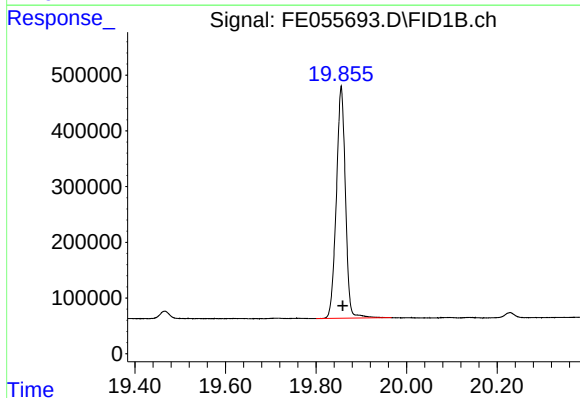
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



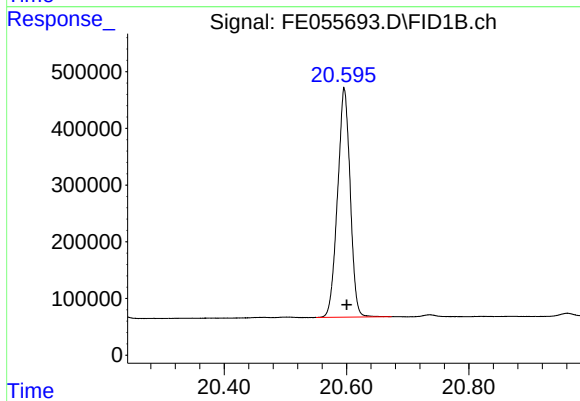
#18 n-Dotriacontane (C32)

R.T.: 19.071 min
Delta R.T.: -0.003 min
Response: 5482281
Conc: 37.35 ug/ml



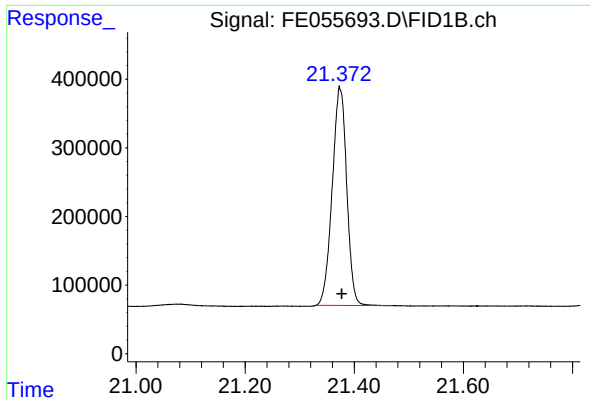
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: -0.003 min
Response: 5804861
Conc: 41.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.596 min
Delta R.T.: -0.004 min
Response: 5785224
Conc: 43.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: -0.003 min
Response: 5857391
Conc: 44.97 ug/ml

Instrument :

FID_E

ClientSampleId :

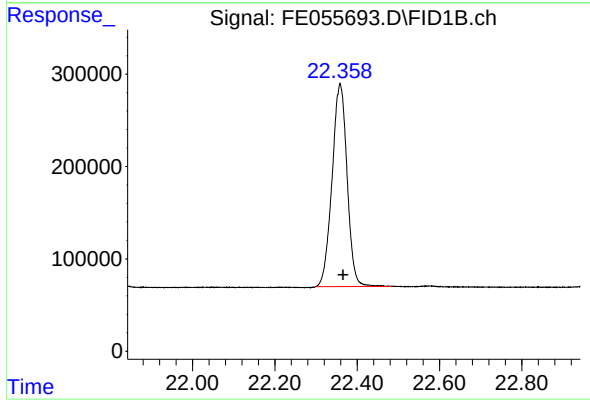
PB169567BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/08/2025

Supervised By :mohammad ahmed 09/09/2025



#22 n-Tetracontane (C40)

R.T.: 22.359 min
Delta R.T.: -0.007 min
Response: 5556233
Conc: 43.33 ug/ml