

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083024AL\
 Data File : FE049822.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2024 16:54
 Operator : YP\AJ
 Sample : PB163063BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163063BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/03/2024
 Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e
 Quant Time: Aug 31 01:30:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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			
12) S 1-chlorooctadecane (S...	13.316	3384512	27.740 ug/mlm
Spiked Amount 50.000		Recovery =	55.48%
Target Compounds			
1) T n-Nonane (C9)	3.270	3579201	23.128 ug/ml
2) T n-Decane (C10)	4.520	4451029	28.191 ug/mlm
4) T n-Dodecane (C12)	6.688	4898412	31.159 ug/ml
6) T n-Tetradecane (C14)	8.515	5353301	34.676 ug/ml
7) T n-Hexadecane (C16)	10.122	5767422	36.928 ug/ml
8) T n-Octadecane (C18)	11.563	6118218	38.956 ug/ml
10) T n-Eicosane (C20)	12.872	6440404	43.135 ug/ml
11) T n-Heneicosane (C21)	13.483	6346633	43.264 ug/ml
13) T n-Docosane (C22)	14.069	6313643	43.318 ug/ml
14) T n-Tetracosane (C24)	15.170	6301999	43.323 ug/ml
15) T n-Hexacosane (C26)	16.190	6214642	43.060 ug/ml
16) T n-Octacosane (C28)	17.138	6258082	43.447 ug/ml
17) T n-Tricontane (C30)	18.025	6404781	42.783 ug/ml
18) T n-Dotriacontane (C32)	18.856	6576180	43.470 ug/ml
19) T n-Tetratriacontane (C34)	19.639	6806543	44.522 ug/ml
20) T n-Hexatriacontane (C36)	20.378	6880574	45.311 ug/mlm
21) T n-Octatriacontane (C38)	21.104	7154852	45.586 ug/ml
22) T n-Tetracontane (C40)	21.997	6920881	45.330 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083024AL\
Data File : FE049822.D
Signal(s) : FID1B.ch
Acq On : 29 Aug 2024 16:54
Operator : YP\AJ
Sample : PB163063BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163063BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/03/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 31 01:30:16 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 2024

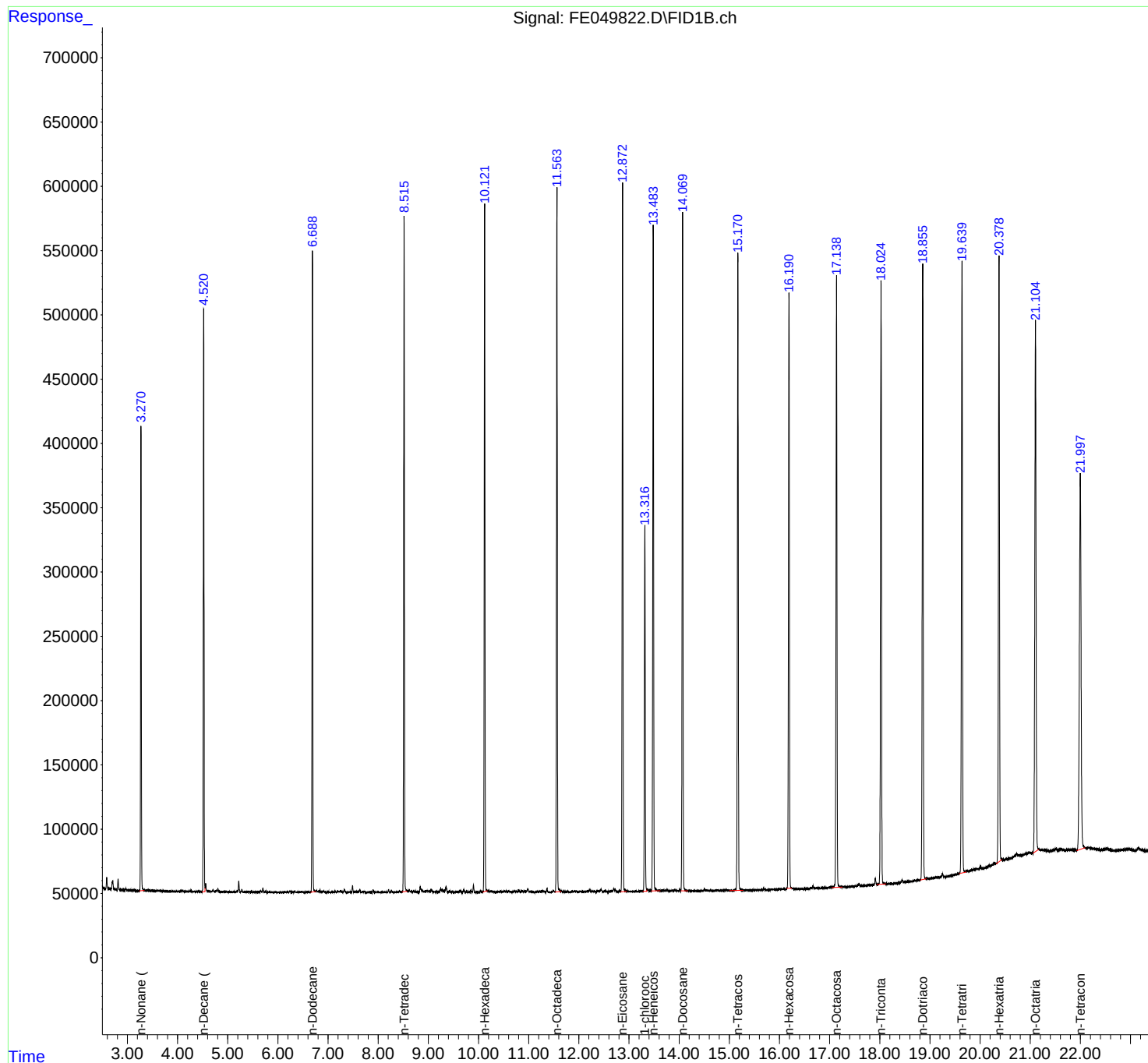
Response via : Initial Calibration

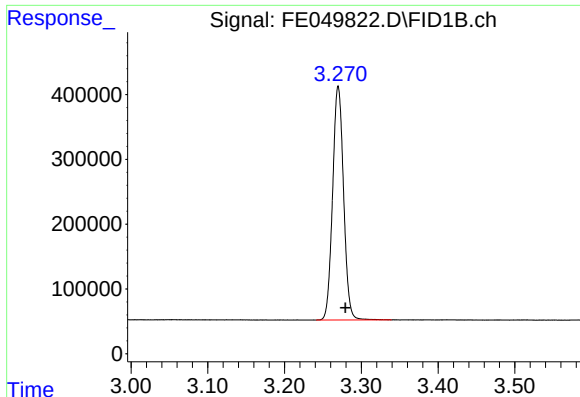
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.009 min
Response: 3579201
Conc: 23.13 ug/ml

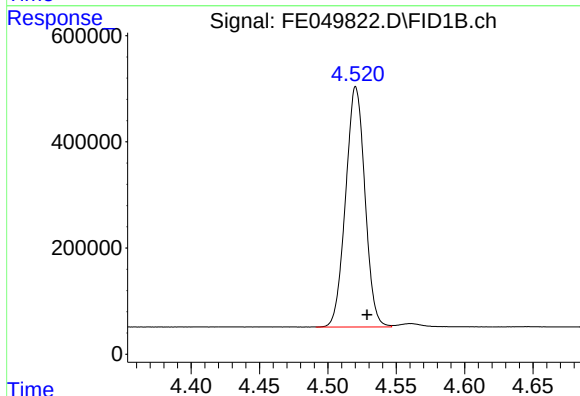
Instrument :

FID_E

ClientSampleId :
PB163063BS

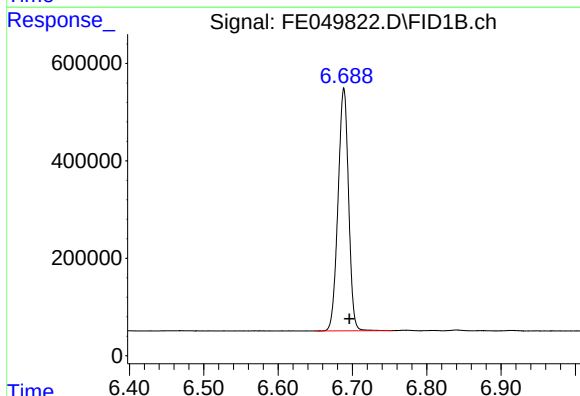
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/03/2024
Supervised By :Ankita Jodhani 09/03/2024



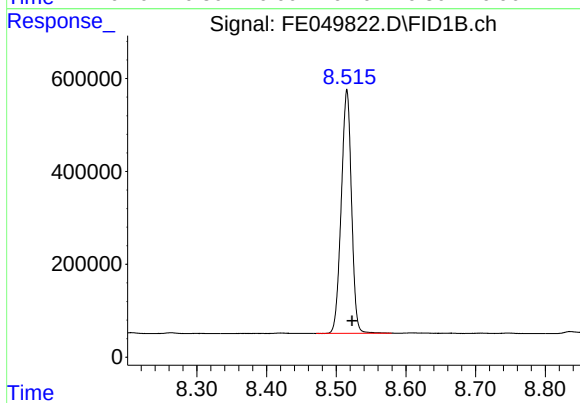
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.009 min
Response: 4451029
Conc: 28.19 ug/ml m



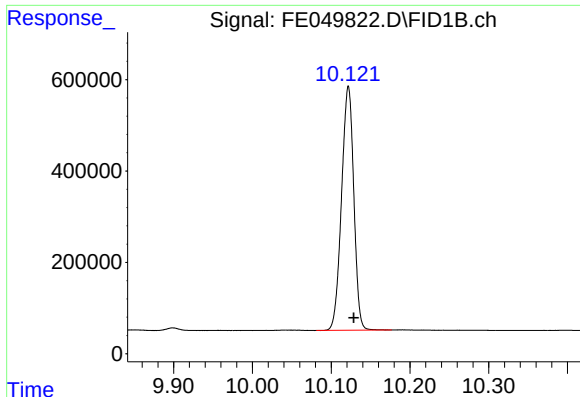
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.007 min
Response: 4898412
Conc: 31.16 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.007 min
Response: 5353301
Conc: 34.68 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.007 min
Response: 5767422
Conc: 36.93 ug/ml

Instrument :

FID_E

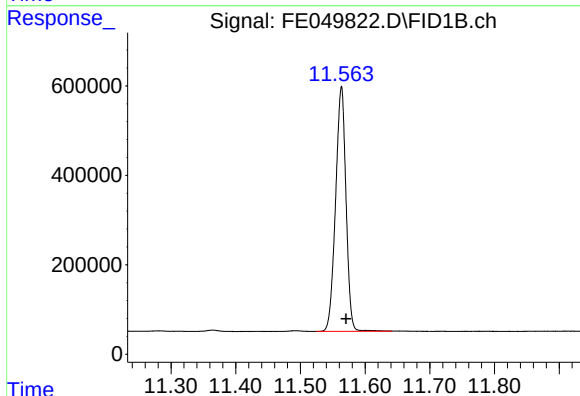
ClientSampleId :

PB163063BS

Manual Integrations

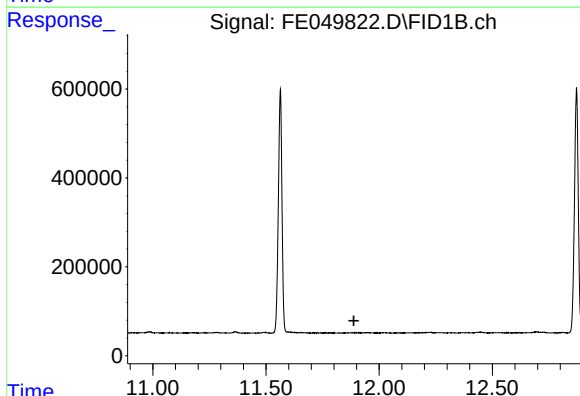
APPROVED

Reviewed By :Yogesh Patel 09/03/2024
Supervised By :Ankita Jodhani 09/03/2024



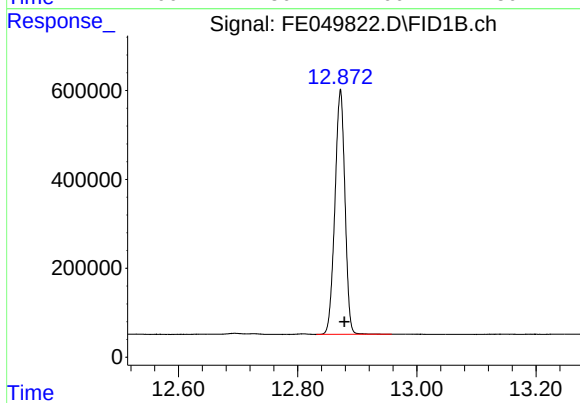
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.007 min
Response: 6118218
Conc: 38.96 ug/ml



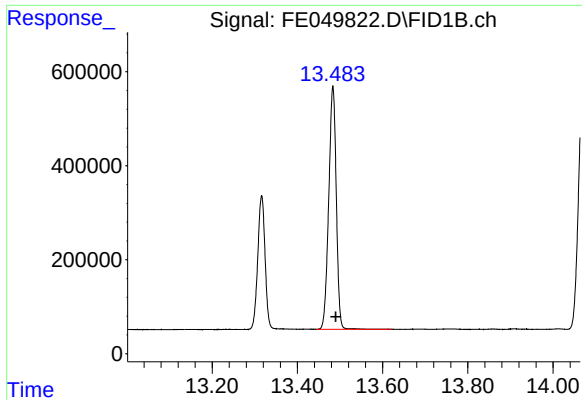
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.888 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.007 min
Response: 6440404
Conc: 43.14 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.007 min
Response: 6346633
Conc: 43.26 ug/ml

Instrument :

FID_E

ClientSampleId :

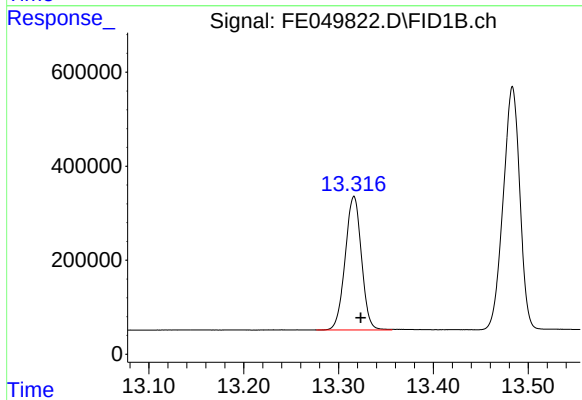
PB163063BS

Manual Integrations

APPROVED

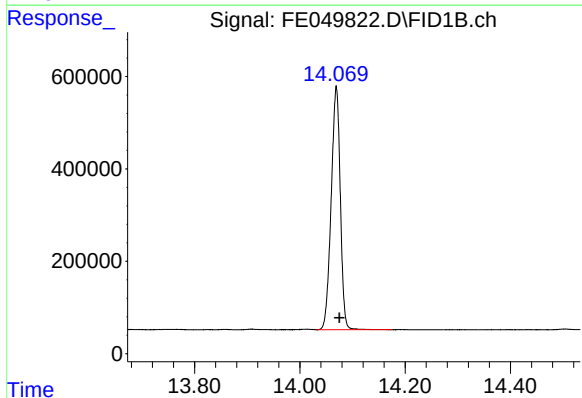
Reviewed By :Yogesh Patel 09/03/2024

Supervised By :Ankita Jodhani 09/03/2024



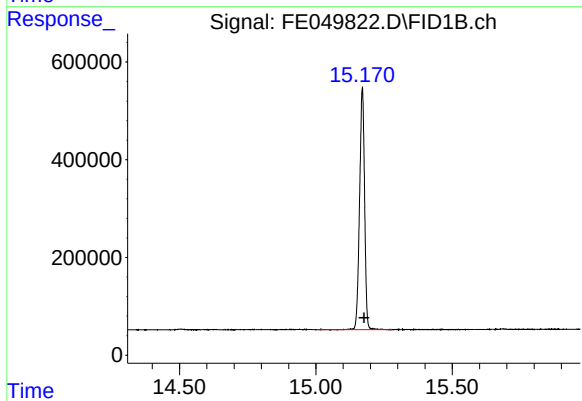
#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: -0.007 min
Response: 3384512
Conc: 27.74 ug/ml m



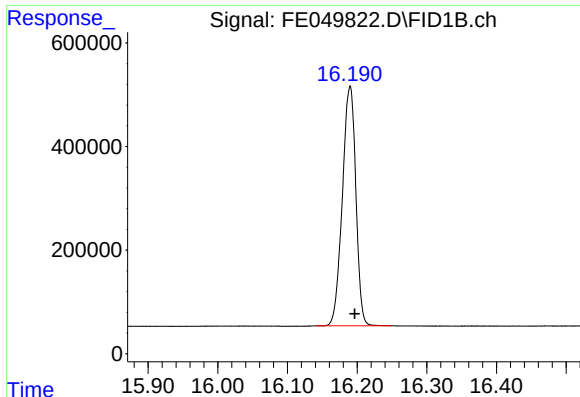
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: -0.006 min
Response: 6313643
Conc: 43.32 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.007 min
Response: 6301999
Conc: 43.32 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: -0.007 min
Response: 6214642
Conc: 43.06 ug/ml

Instrument :

FID_E

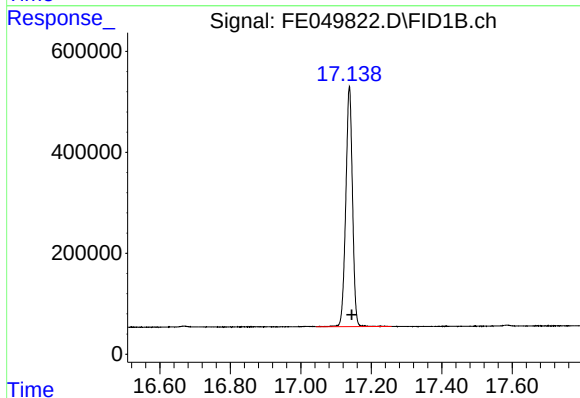
ClientSampleId :

PB163063BS

Manual Integrations

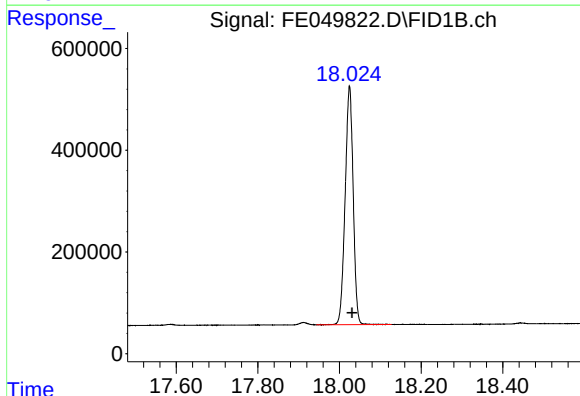
APPROVED

Reviewed By :Yogesh Patel 09/03/2024
Supervised By :Ankita Jodhani 09/03/2024



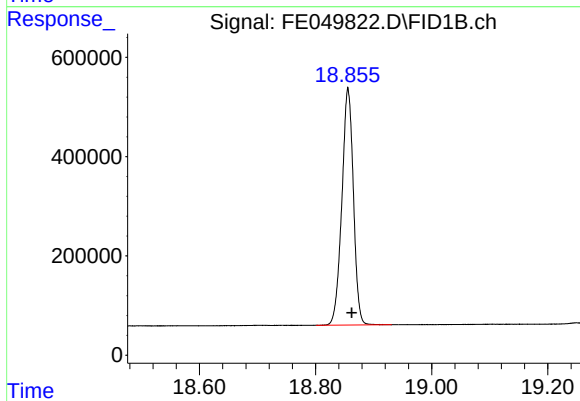
#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: -0.007 min
Response: 6258082
Conc: 43.45 ug/ml



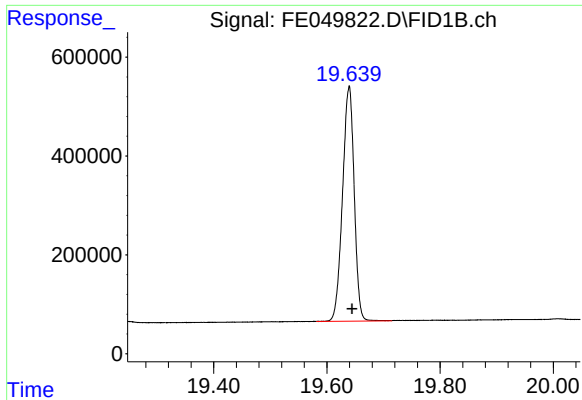
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: -0.006 min
Response: 6404781
Conc: 42.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: -0.006 min
Response: 6576180
Conc: 43.47 ug/ml



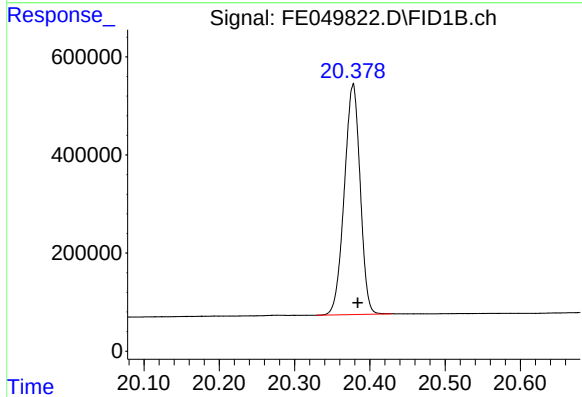
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: -0.005 min
Response: 6806543
Conc: 44.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163063BS

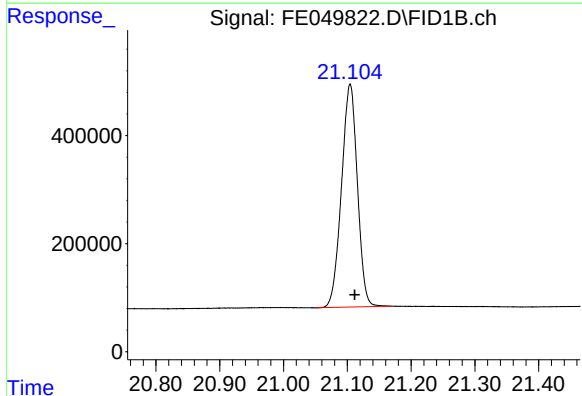
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/03/2024
Supervised By :Ankita Jodhani 09/03/2024



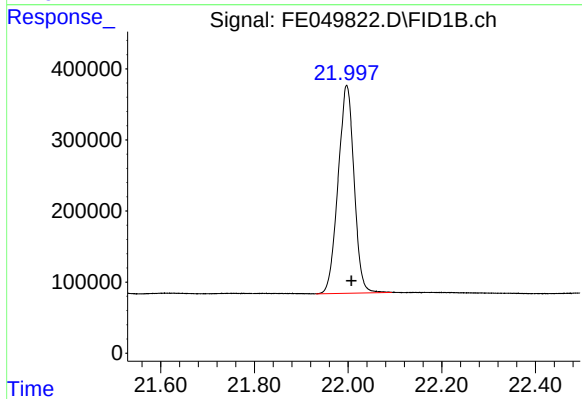
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.006 min
Response: 6880574
Conc: 45.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.007 min
Response: 7154852
Conc: 45.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.010 min
Response: 6920881
Conc: 45.33 ug/ml m