

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
 Data File : FE051671.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2024 15:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e
 Quant Time: Dec 17 15:33:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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			
9) S ortho-Terphenyl (SURR)	12.011	3131979	19.509 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	13.432	2435835	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T n-Nonane (C9)	3.487	2400618	20.035 ug/ml
2) T n-Decane (C10)	4.719	2482938	19.970 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2833300	19.883 ug/ml
4) T n-Dodecane (C12)	6.852	2582957	19.851 ug/ml
5) T A~2-methylnaphthalene...	7.486	2800553	19.789 ug/ml
6) T n-Tetradecane (C14)	8.663	2638024	19.675 ug/ml
7) T n-Hexadecane (C16)	10.257	2794228	19.552 ug/ml
8) T n-Octadecane (C18)	11.689	2874421	19.499 ug/ml
10) T n-Eicosane (C20)	12.990	2799271	19.458 ug/ml
11) T n-Heneicosane (C21)	13.597	2761773	19.434 ug/ml
13) T n-Docosane (C22)	14.179	2750523	19.510 ug/ml
14) T n-Tetracosane (C24)	15.274	2756642	19.758 ug/ml
15) T n-Hexacosane (C26)	16.287	2656120	19.713 ug/ml
16) T n-Octacosane (C28)	17.230	2569269	19.750 ug/ml
17) T n-Tricontane (C30)	18.111	2573137	19.443 ug/ml
18) T n-Dotriacontane (C32)	18.937	2449159	19.536 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2112189	19.198 ug/ml
20) T n-Hexatriacontane (C36)	20.450	1836485	19.128 ug/mlm
21) T n-Octatriacontane (C38)	21.187	1791905	19.900 ug/ml
22) T n-Tetracontane (C40)	22.110	1931570	19.790 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
Data File : FE051671.D
Signal(s) : FID1B.ch
Acq On : 17 Dec 2024 15:10
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

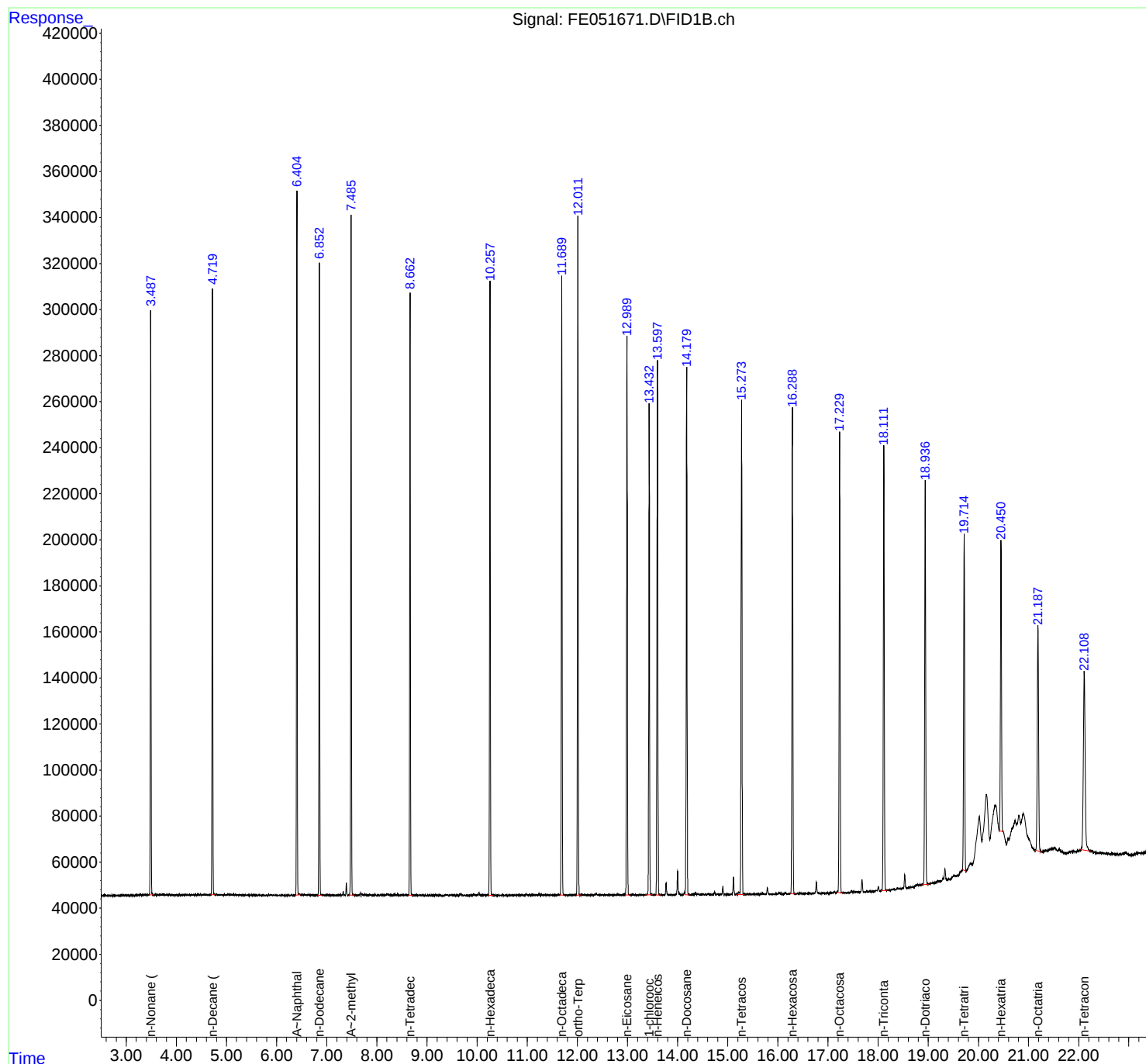
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

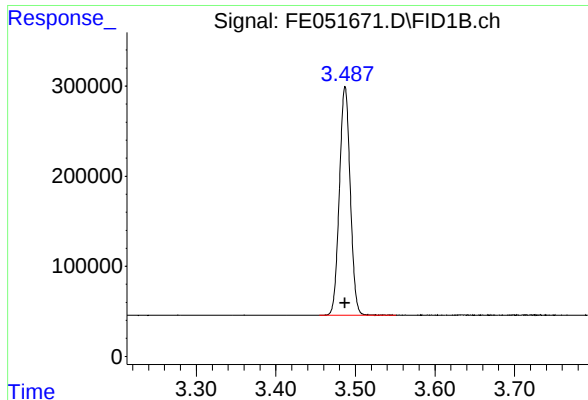
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e
Quant Time: Dec 17 15:33:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.
Quant Title : GC Extractables
QLast Update : Tue Dec 17 15:04:25 2024
Response via : Initial Calibration
Integrator: ChemStation

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





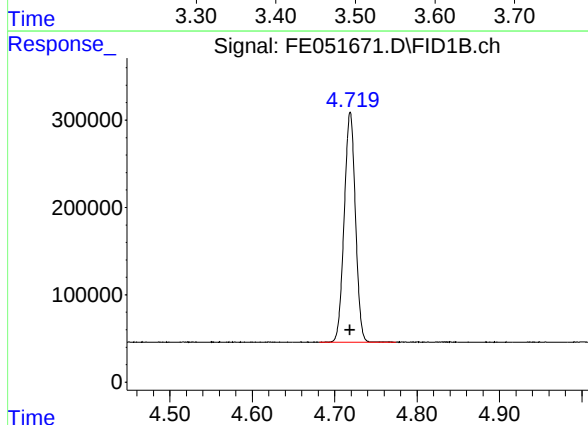
#1 n-Nonane (C9)

R.T.: 3.487 min
Delta R.T.: 0.000 min
Response: 2400618
Conc: 20.04 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD ICV

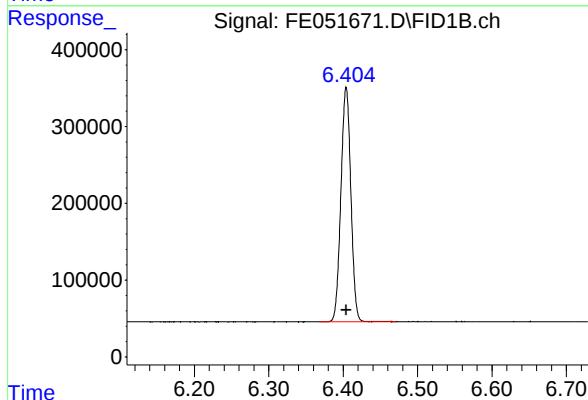
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024



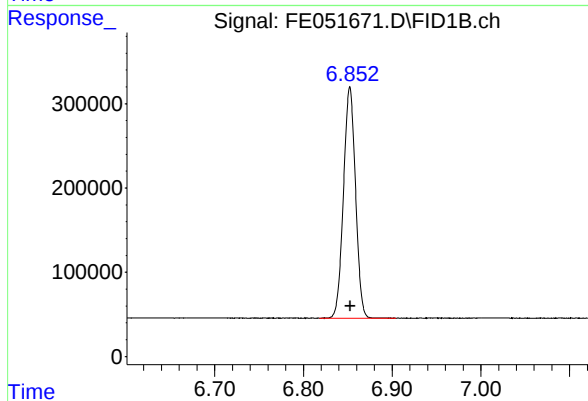
#2 n-Decane (C10)

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 2482938
Conc: 19.97 ug/ml



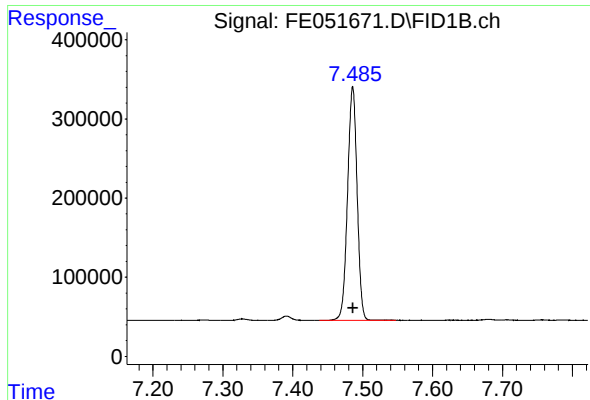
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 2833300
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 2582957
Conc: 19.85 ug/ml



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

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 2800553
Conc: 19.79 ug/ml

Instrument :

FID_E

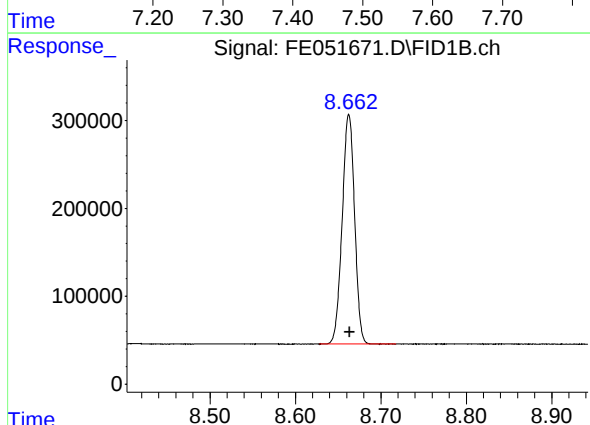
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

Manual Integrations

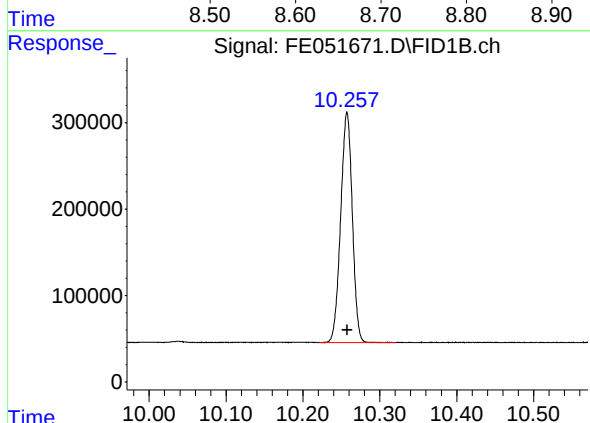
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024



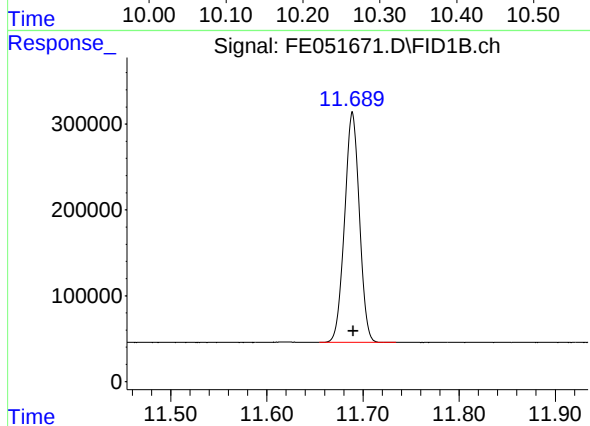
#6 n-Tetradecane (C14)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 2638024
Conc: 19.67 ug/ml



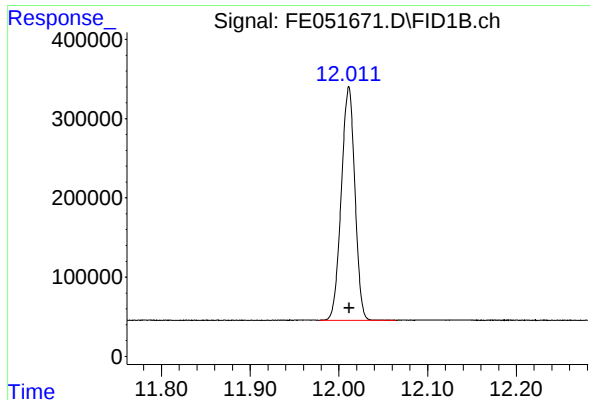
#7 n-Hexadecane (C16)

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 2794228
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.689 min
Delta R.T.: 0.000 min
Response: 2874421
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.011 min
Delta R.T.: 0.000 min
Response: 3131979
Conc: 19.51 ug/ml

Instrument :

FID_E

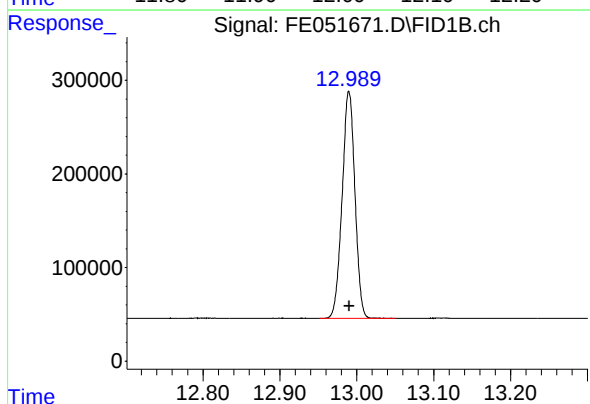
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

Manual Integrations

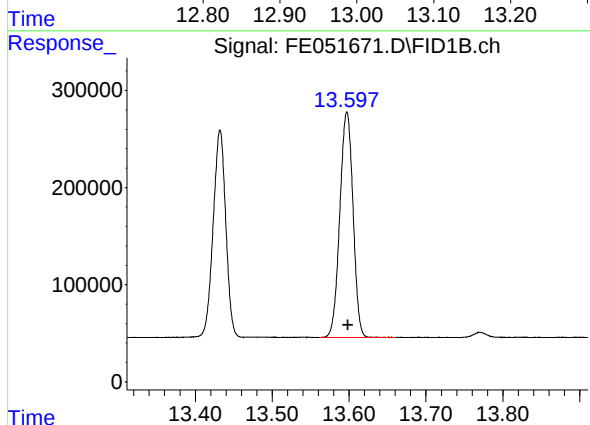
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024



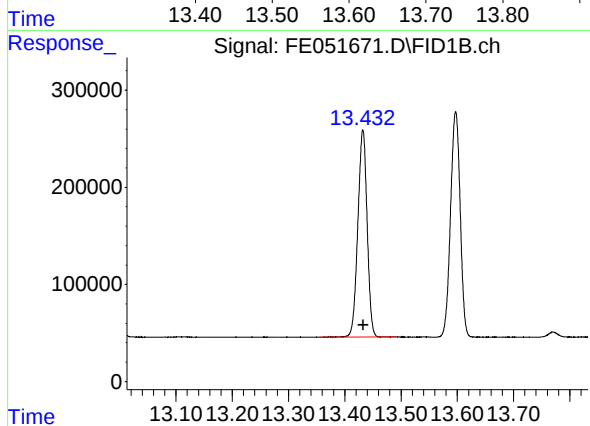
#10 n-Eicosane (C20)

R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 2799271
Conc: 19.46 ug/ml



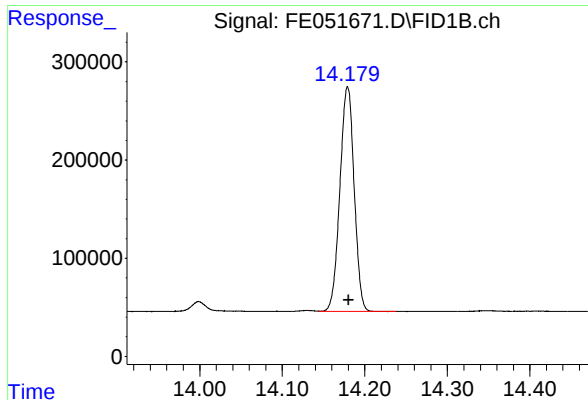
#11 n-Heneicosane (C21)

R.T.: 13.597 min
Delta R.T.: -0.001 min
Response: 2761773
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.432 min
Delta R.T.: 0.000 min
Response: 2435835
Conc: 19.31 ug/ml



#13 n-Docosane (C22)

R.T.: 14.179 min
Delta R.T.: -0.001 min
Response: 2750523
Conc: 19.51 ug/ml

Instrument :

FID_E

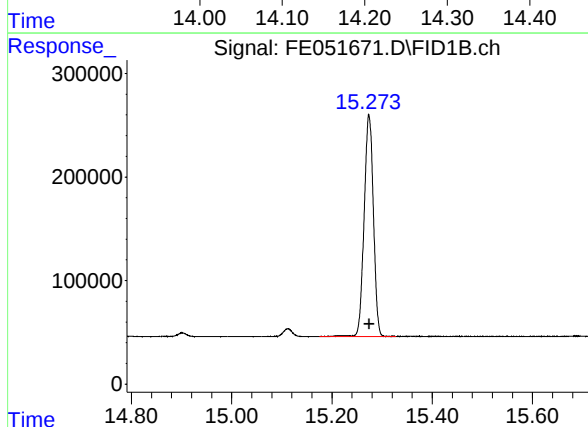
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

Manual Integrations

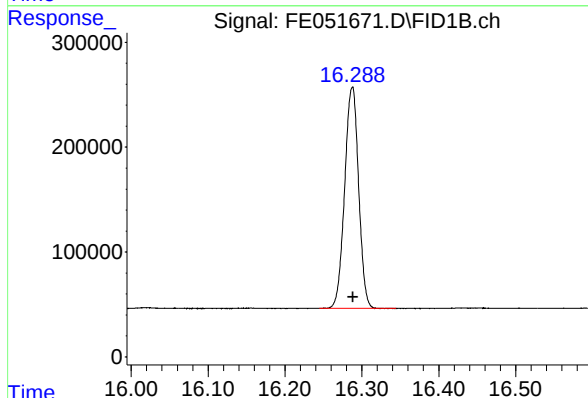
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024



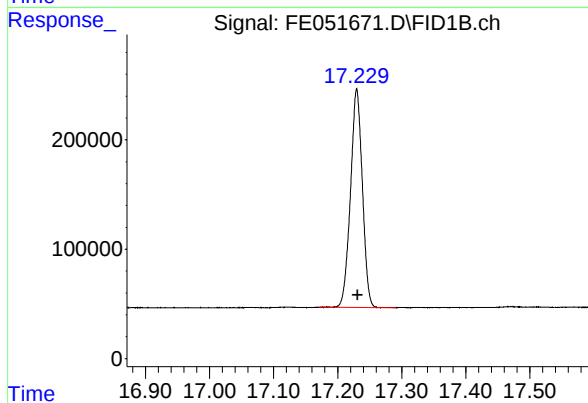
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.000 min
Response: 2756642
Conc: 19.76 ug/ml



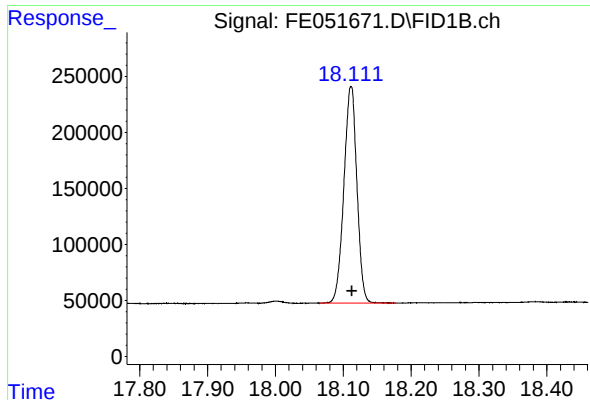
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: -0.001 min
Response: 2656120
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.230 min
Delta R.T.: -0.002 min
Response: 2569269
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: -0.002 min
Response: 2573137
Conc: 19.44 ug/ml

Instrument :

FID_E

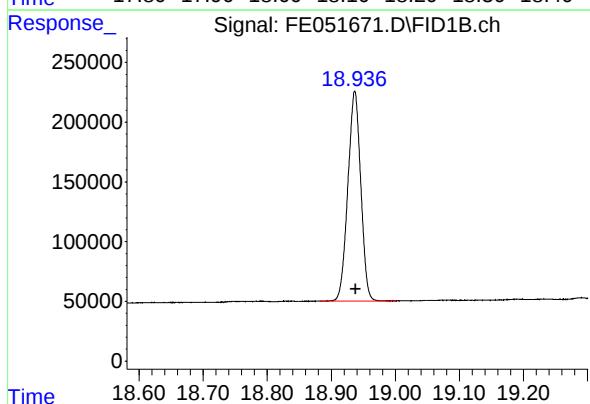
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

Manual Integrations

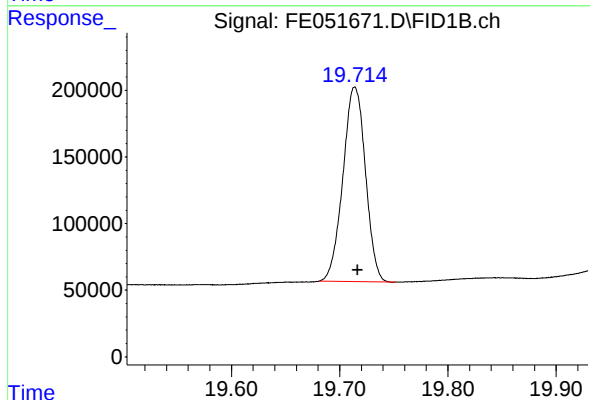
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024



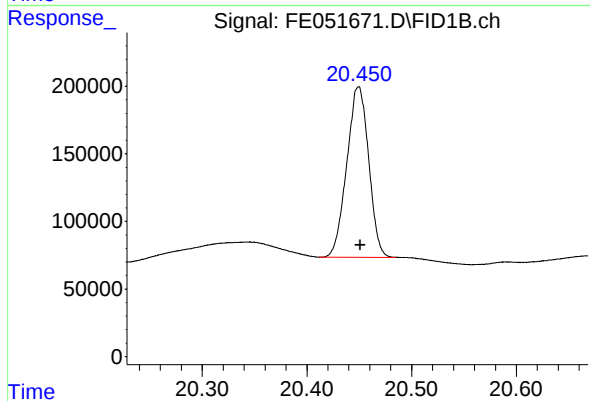
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.002 min
Response: 2449159
Conc: 19.54 ug/ml



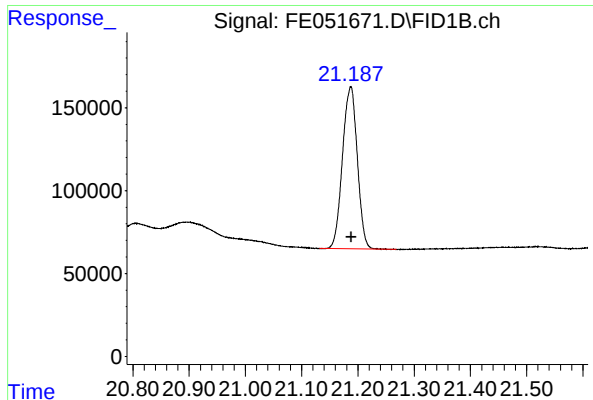
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.003 min
Response: 2112189
Conc: 19.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.001 min
Response: 1836485
Conc: 19.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.002 min
Response: 1791905
Conc: 19.90 ug/ml

Instrument :

FID_E

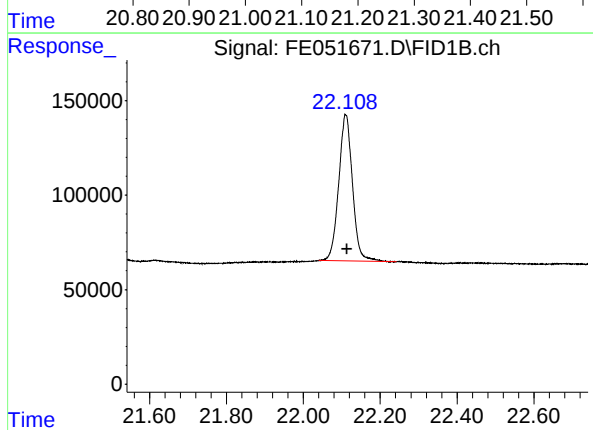
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: -0.003 min
Response: 1931570
Conc: 19.79 ug/ml