

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120224AL\
 Data File : FC067886.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2024 14:27
 Operator : YP/AJ
 Sample : PB165314BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165314BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :Ankita Jodhani 12/03/2024

Integration File: autoint1.e

Quant Time: Dec 02 23:54:43 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:13:15 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)	11.504	6490863	33.479 ug/ml
Spiked Amount 50.000		Recovery =	66.96%
12) S 1-chlorooctadecane (S...	12.941	5170062	35.616 ug/ml
Spiked Amount 50.000		Recovery =	71.23%
Target Compounds			
1) T n-Nonane (C9)	3.302	5916556	36.273 ug/ml
2) T n-Decane (C10)	4.359	6248656	37.681 ug/ml
3) T A~Naphthalene (C11.7)	5.931	7054749	38.517 ug/ml
4) T n-Dodecane (C12)	6.367	6435160	38.207 ug/ml
5) T A~2-methylnaphthalene...	6.984	6470357	36.483 ug/ml
6) T n-Tetradecane (C14)	8.158	6475604	38.667 ug/ml
7) T n-Hexadecane (C16)	9.754	6354624	36.669 ug/ml
8) T n-Octadecane (C18)	11.193	6286221	35.729 ug/ml
10) T n-Eicosane (C20)	12.499	6224838	36.968 ug/ml
11) T n-Heneicosane (C21)	13.109	5896746	35.838 ug/ml
13) T n-Docosane (C22)	13.694	5793616	35.576 ug/ml
14) T n-Tetracosane (C24)	14.765	11362243	70.845 ug/mlm
15) T n-Hexacosane (C26)	15.815	5401684	34.881 ug/ml
16) T n-Octacosane (C28)	16.760	5260485	34.832 ug/ml
17) T n-Tricontane (C30)	17.647	5191525	33.907 ug/ml
18) T n-Dotriacontane (C32)	18.476	5070876	34.334 ug/ml
19) T n-Tetratriacontane (C34)	19.259	5049735	40.036 ug/ml
20) T n-Hexatriacontane (C36)	19.997	4857219	46.442 ug/ml
21) T n-Octatriacontane (C38)	20.721	4828187	49.427 ug/ml
22) T n-Tetracontane (C40)	21.607	4786421	49.108 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120224AL\
Data File : FC067886.D
Signal(s) : FID1A.ch
Acq On : 02 Dec 2024 14:27
Operator : YP/AJ
Sample : PB165314BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

Client Sample Id :

PB165314BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :Ankita Jodhani 12/03/2024

Integration File: autoint1.e

Quant Time: Dec 02 23:54:43 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:13:15 2024

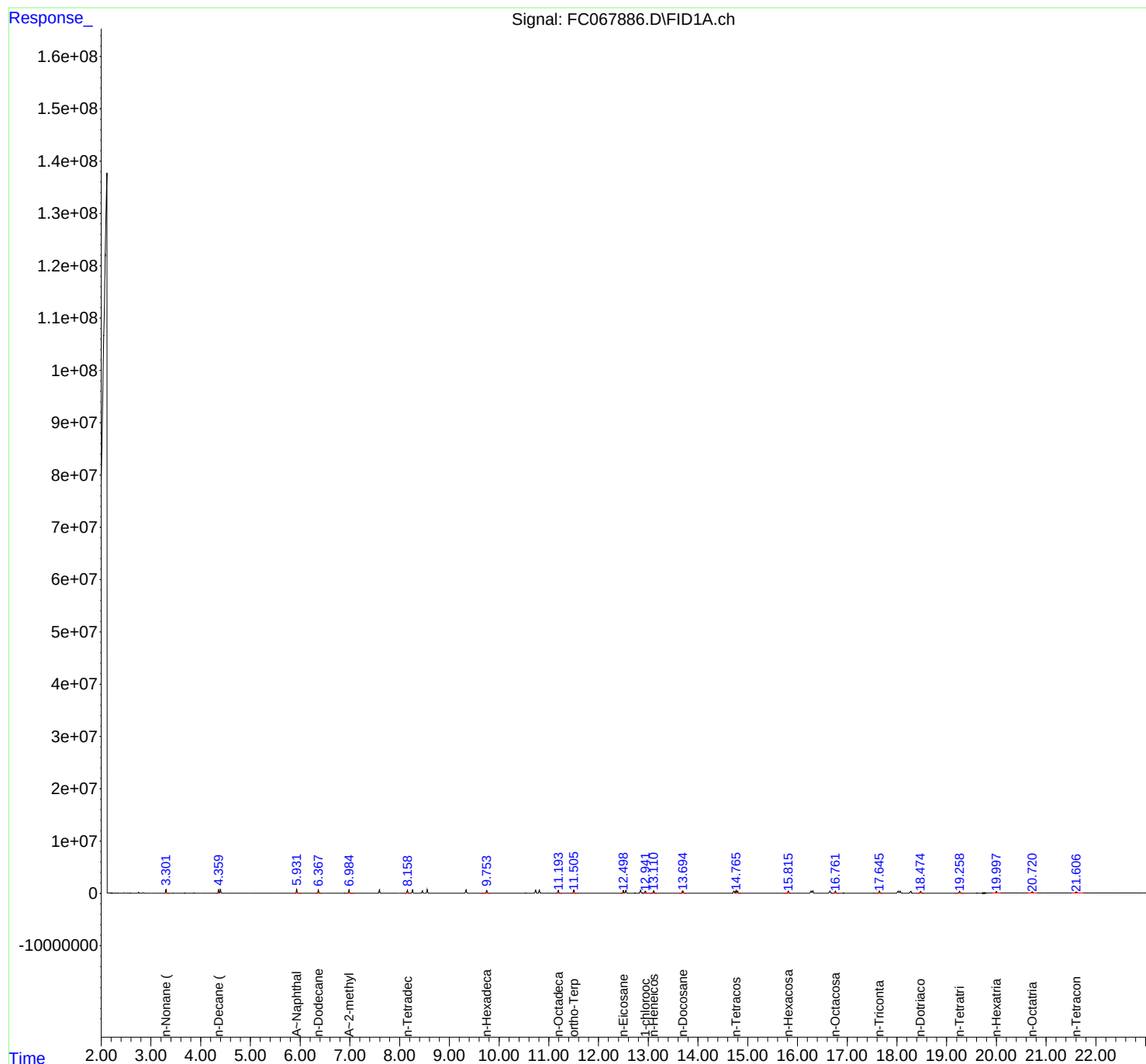
Response via : Initial Calibration

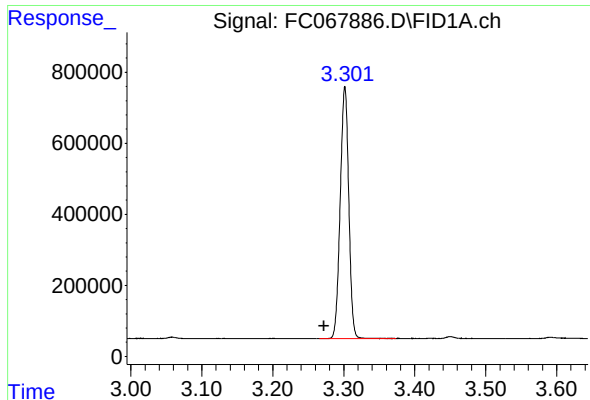
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





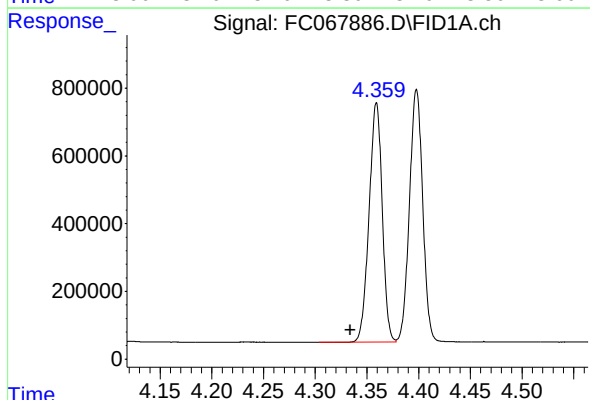
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.030 min
Response: 5916556
Conc: 36.27 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165314BS

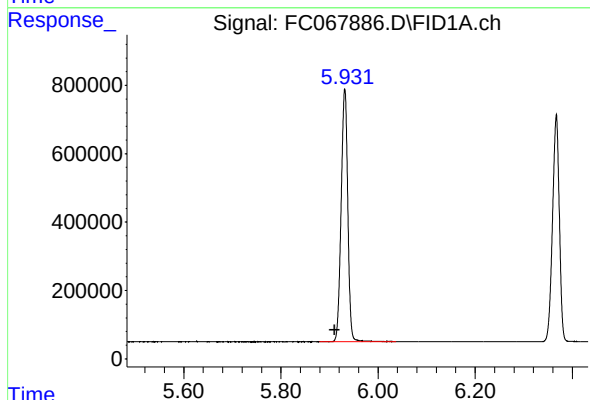
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :Ankita Jodhani 12/03/2024



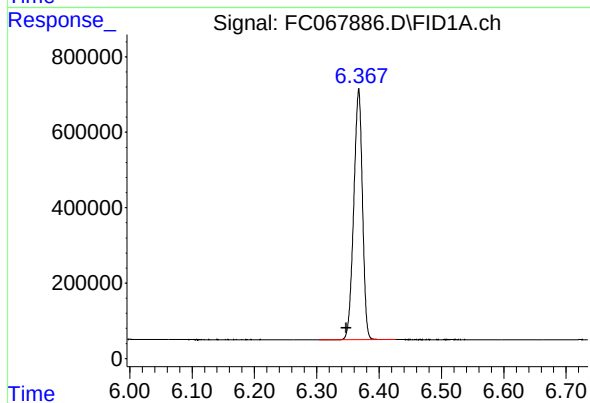
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: 0.025 min
Response: 6248656
Conc: 37.68 ug/ml



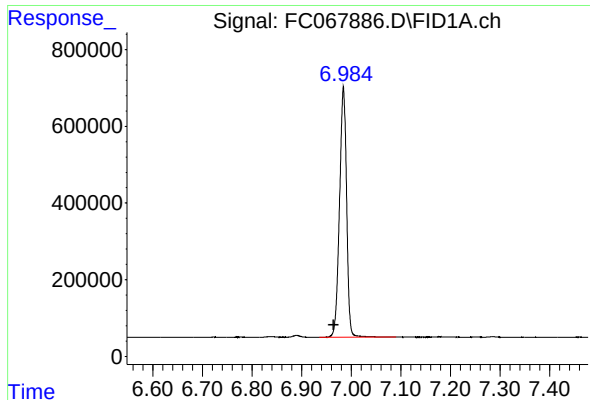
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.021 min
Response: 7054749
Conc: 38.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: 0.020 min
Response: 6435160
Conc: 38.21 ug/ml



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

R.T.: 6.984 min
Delta R.T.: 0.019 min
Response: 6470357
Conc: 36.48 ug/ml

Instrument :

FID_C

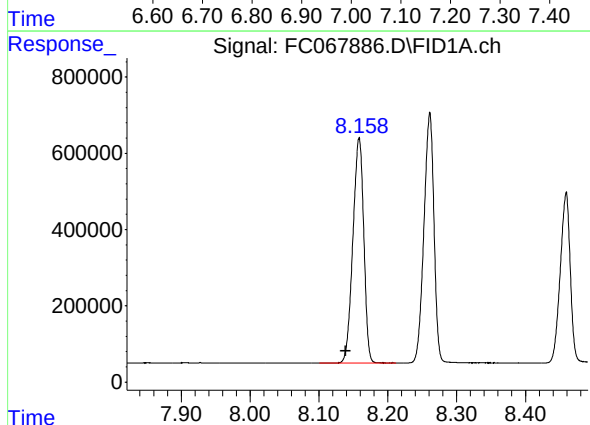
ClientSampleId :

PB165314BS

Manual Integrations

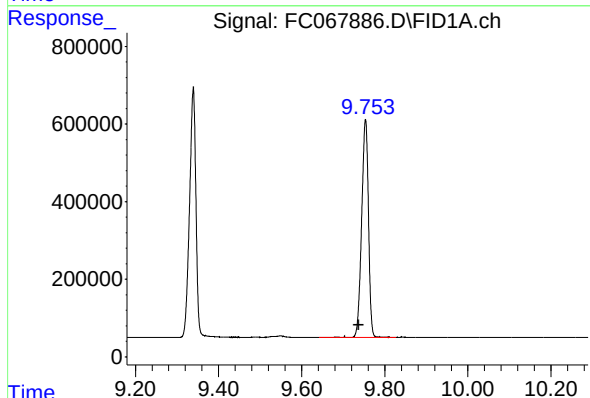
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :Ankita Jodhani 12/03/2024



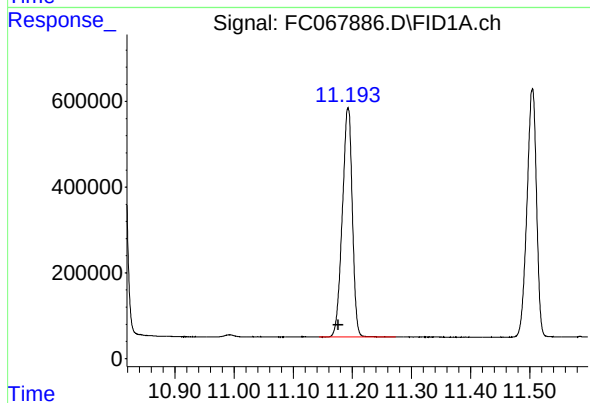
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: 0.019 min
Response: 6475604
Conc: 38.67 ug/ml



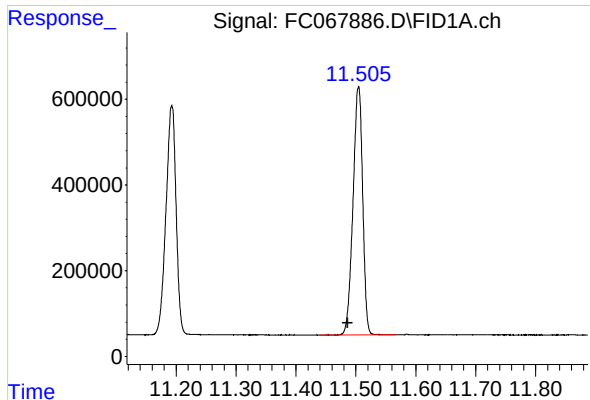
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.016 min
Response: 6354624
Conc: 36.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.016 min
Response: 6286221
Conc: 35.73 ug/ml



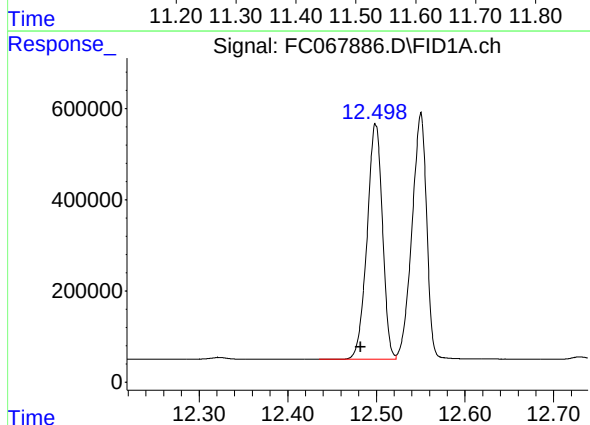
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.018 min
Response: 6490863
Conc: 33.48 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165314BS

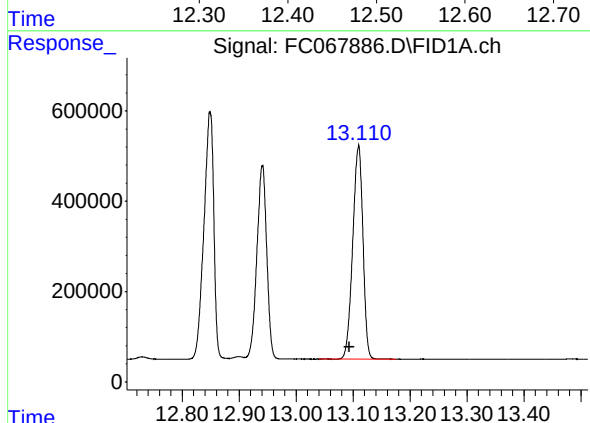
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :Ankita Jodhani 12/03/2024



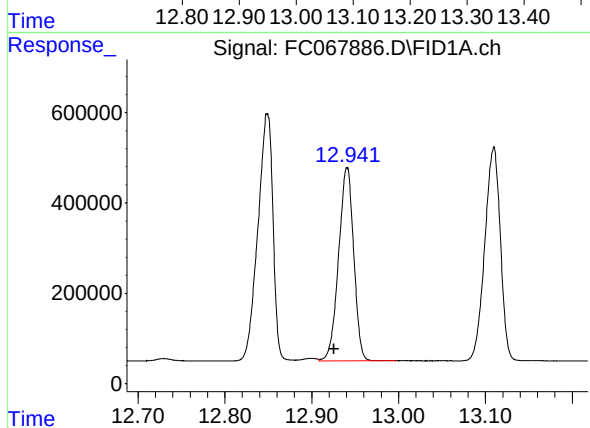
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.017 min
Response: 6224838
Conc: 36.97 ug/ml



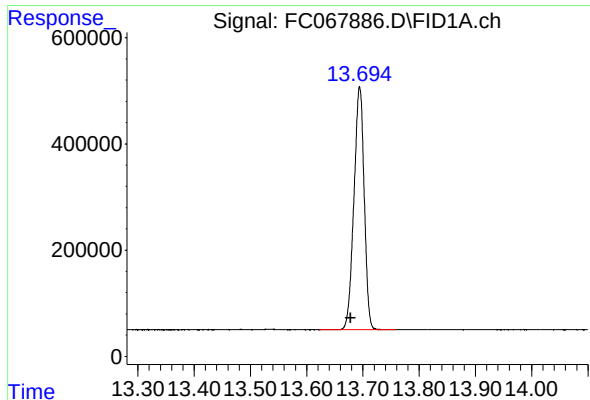
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: 0.016 min
Response: 5896746
Conc: 35.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.015 min
Response: 5170062
Conc: 35.62 ug/ml



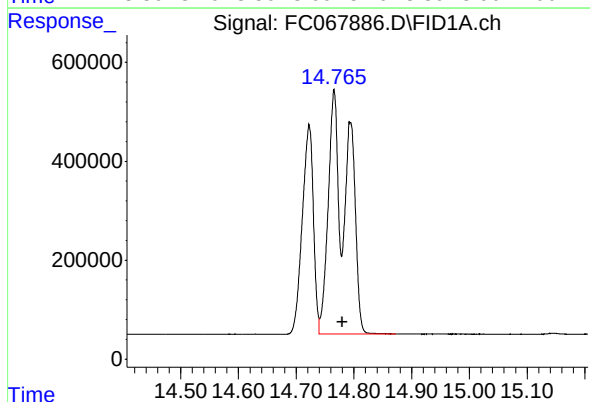
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: 0.016 min
Response: 5793616
Conc: 35.58 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165314BS

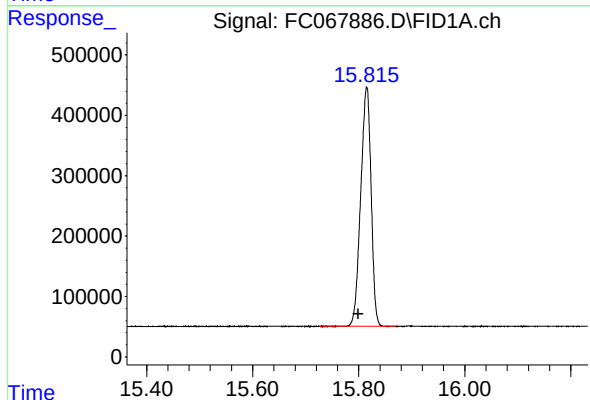
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :Ankita Jodhani 12/03/2024



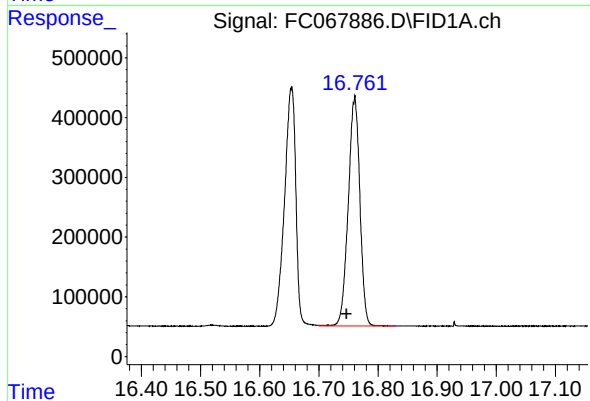
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.015 min
Response: 11362243
Conc: 70.84 ug/ml



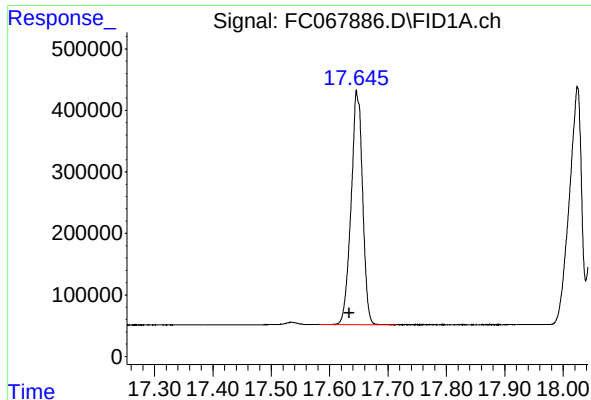
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.015 min
Response: 5401684
Conc: 34.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: 0.014 min
Response: 5260485
Conc: 34.83 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.014 min
Response: 5191525
Conc: 33.91 ug/ml

Instrument :

FID_C

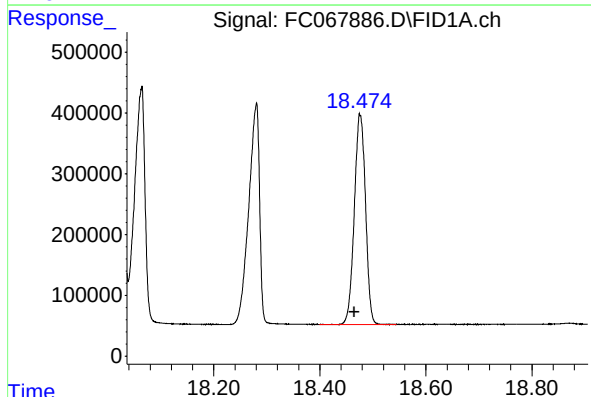
ClientSampleId :

PB165314BS

Manual Integrations

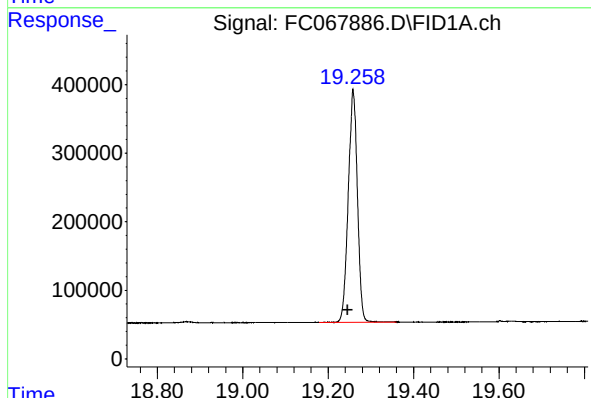
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :Ankita Jodhani 12/03/2024



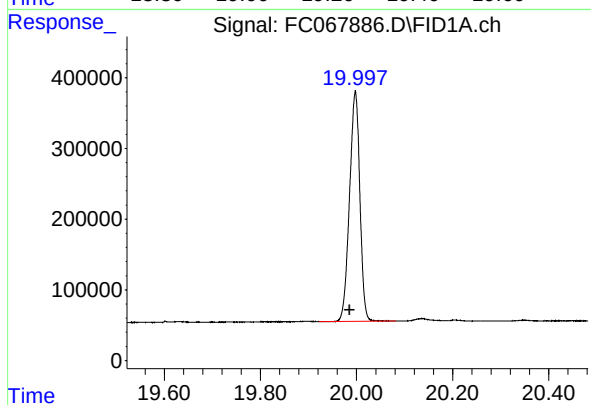
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.011 min
Response: 5070876
Conc: 34.33 ug/ml



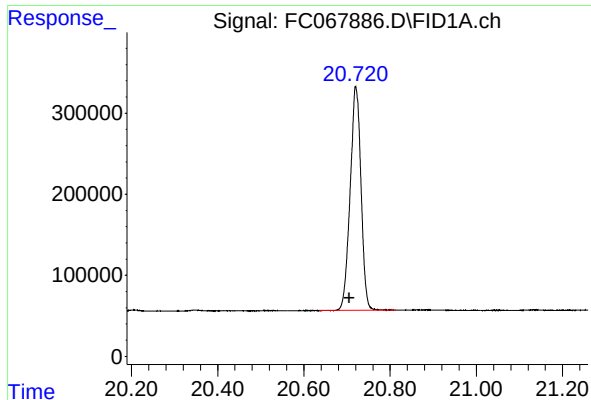
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.013 min
Response: 5049735
Conc: 40.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.997 min
Delta R.T.: 0.011 min
Response: 4857219
Conc: 46.44 ug/ml



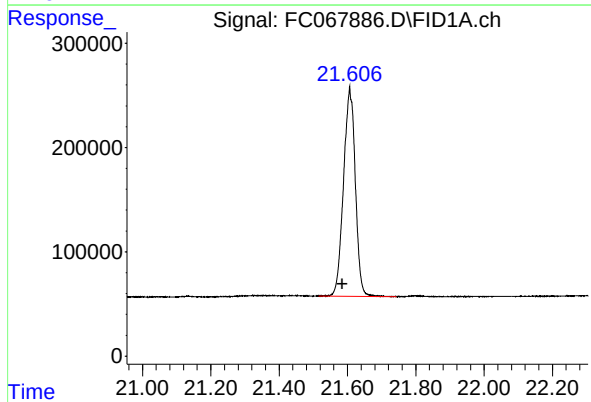
#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: 0.015 min
Response: 4828187
Conc: 49.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165314BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :Ankita Jodhani 12/03/2024



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: 0.022 min
Response: 4786421
Conc: 49.11 ug/ml