

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121124AL\
 Data File : FC067989.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2024 23:09
 Operator : YP/AJ
 Sample : P5194-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

UST-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 03:34:13 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 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...	12.912	5514516	43.219 ug/ml
Spiked Amount 50.000		Recovery =	86.44%
Target Compounds			
1) T n-Nonane (C9)	3.252	2559720	16.475 ug/ml
2) T n-Decane (C10)	4.313	3228413	20.365 ug/mlm
4) T n-Dodecane (C12)	6.329	3860290	23.975 ug/ml
6) T n-Tetradecane (C14)	8.122	4268007	26.843 ug/ml
7) T n-Hexadecane (C16)	9.721	4428806	27.414 ug/ml
8) T n-Octadecane (C18)	11.162	4455745	27.754 ug/ml
10) T n-Eicosane (C20)	12.470	4441045	29.523 ug/ml
11) T n-Heneicosane (C21)	13.081	4222533	28.898 ug/ml
13) T n-Docosane (C22)	13.666	4164051	29.090 ug/ml
14) T n-Tetracosane (C24)	14.768	4006850	28.837 ug/ml
15) T n-Hexacosane (C26)	15.788	3880990	29.021 ug/ml
16) T n-Octacosane (C28)	16.737	3897223	30.045 ug/ml
17) T n-Tricontane (C30)	17.623	3793893	29.287 ug/ml
18) T n-Dotriacontane (C32)	18.455	3649399	29.458 ug/ml
19) T n-Tetratriacontane (C34)	19.237	3685031	33.762 ug/ml
20) T n-Hexatriacontane (C36)	19.976	3692736	39.032 ug/ml
21) T n-Octatriacontane (C38)	20.696	4138886	45.753 ug/ml
22) T n-Tetracontane (C40)	21.577	4362961	49.501 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121124AL\
Data File : FC067989.D
Signal(s) : FID1A.ch
Acq On : 11 Dec 2024 23:09
Operator : YP/AJ
Sample : P5194-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

UST-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 03:34:13 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

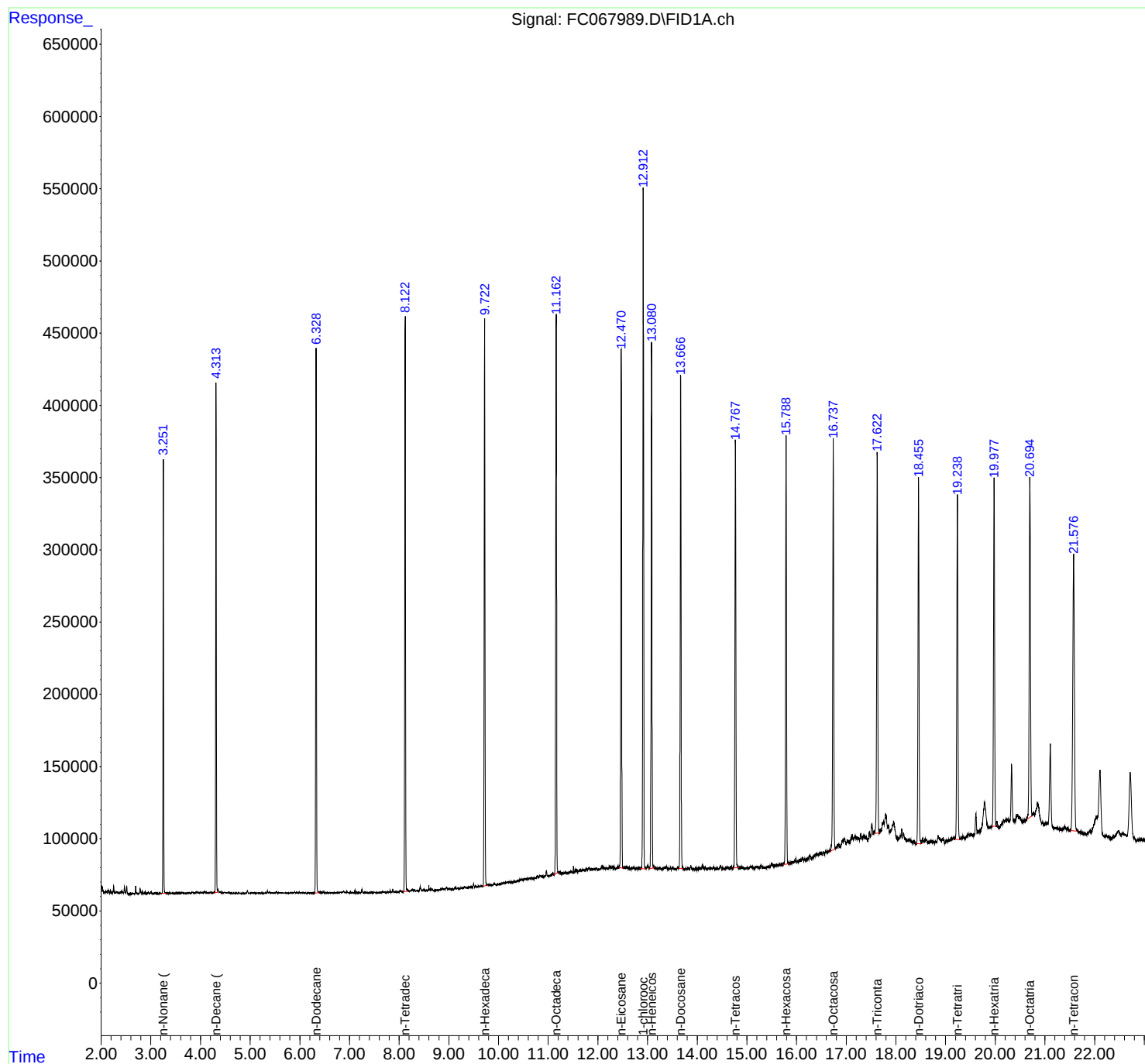
Response via : Initial Calibration

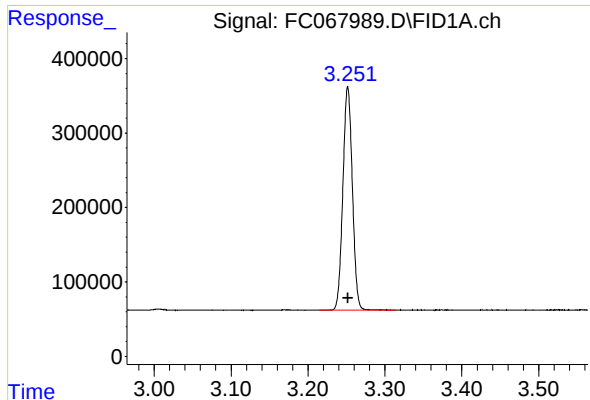
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





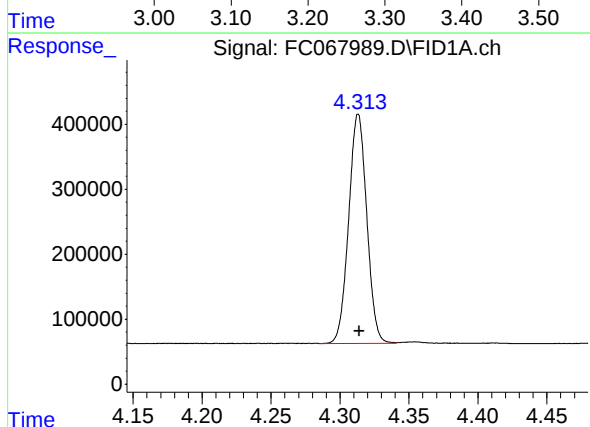
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 2559720
Conc: 16.48 ug/ml

Instrument :
FID_C
ClientSampleId :
UST-1MS

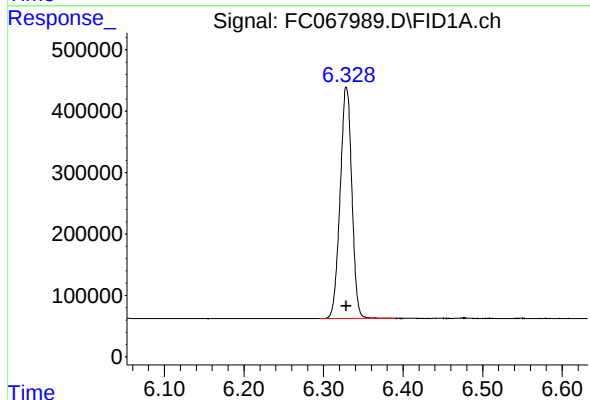
Manual Integrations
APPROVED

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



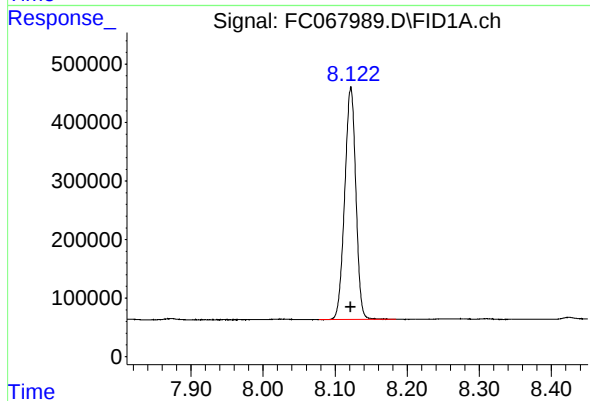
#2 n-Decane (C10)

R.T.: 4.313 min
Delta R.T.: -0.002 min
Response: 3228413
Conc: 20.37 ug/ml m



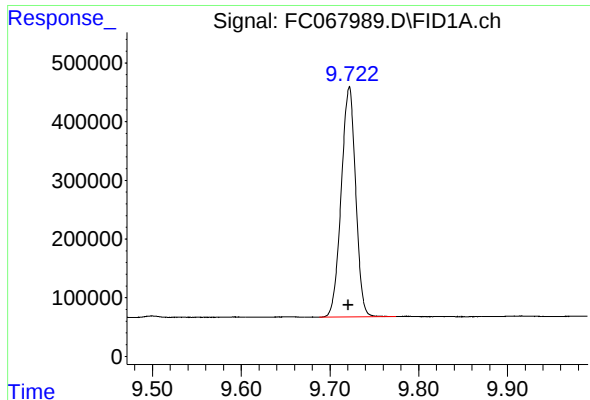
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 3860290
Conc: 23.97 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 4268007
Conc: 26.84 ug/ml



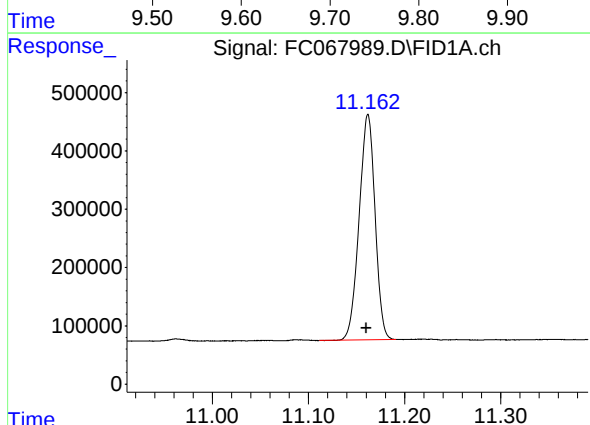
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 4428806
Conc: 27.41 ug/ml

Instrument :
FID_C
ClientSampleId :
UST-1MS

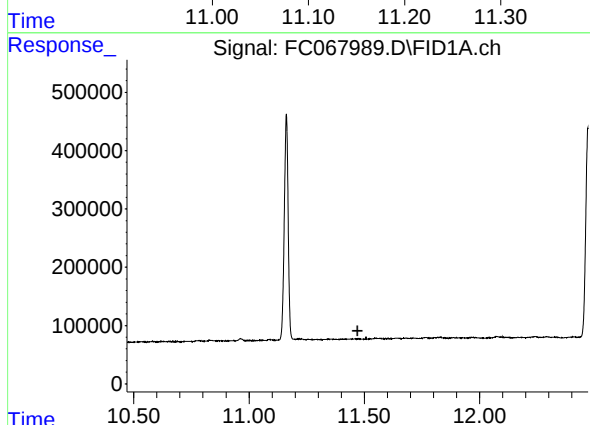
Manual Integrations
APPROVED

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



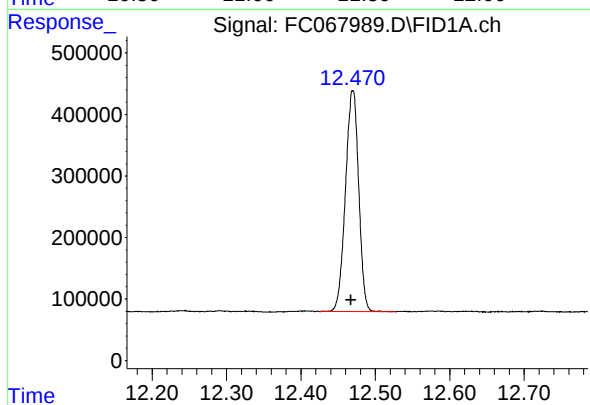
#8 n-Octadecane (C18)

R.T.: 11.162 min
Delta R.T.: 0.002 min
Response: 4455745
Conc: 27.75 ug/ml



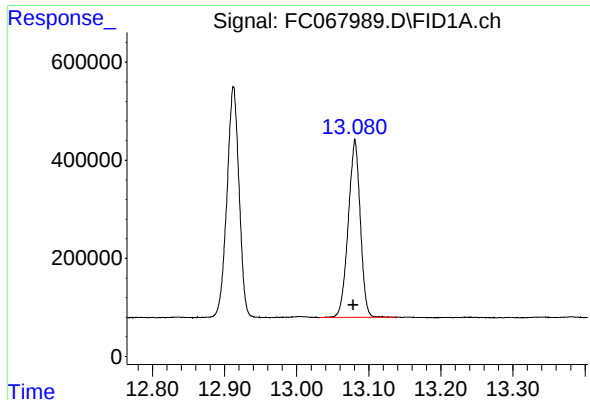
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.470 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.470 min
Delta R.T.: 0.002 min
Response: 4441045
Conc: 29.52 ug/ml



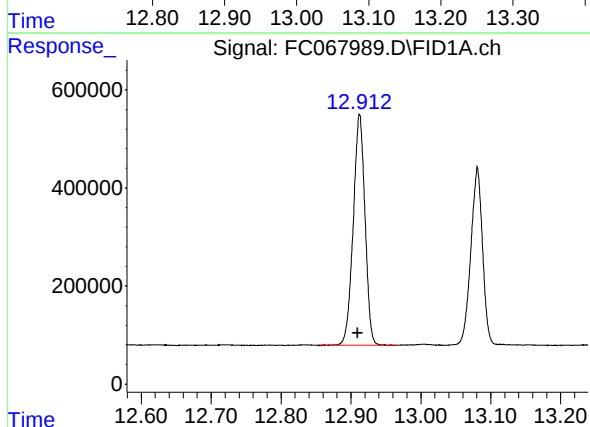
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: 0.002 min
Response: 4222533
Conc: 28.90 ug/ml

Instrument :
FID_C
ClientSampleId :
UST-1MS

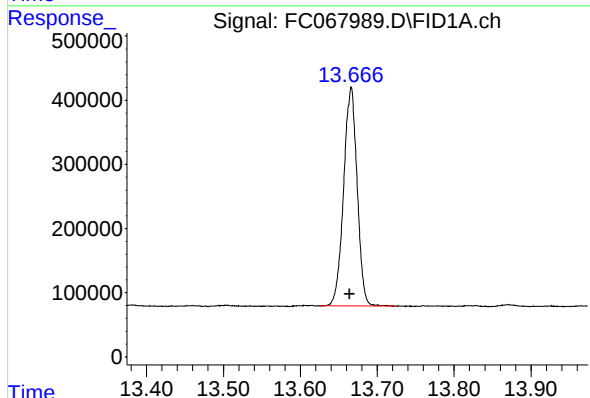
Manual Integrations
APPROVED

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



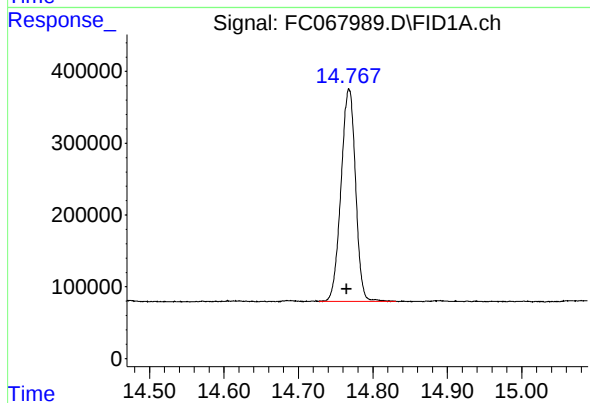
#12 1-chlorooctadecane (SURR)

R.T.: 12.912 min
Delta R.T.: 0.003 min
Response: 5514516
Conc: 43.22 ug/ml



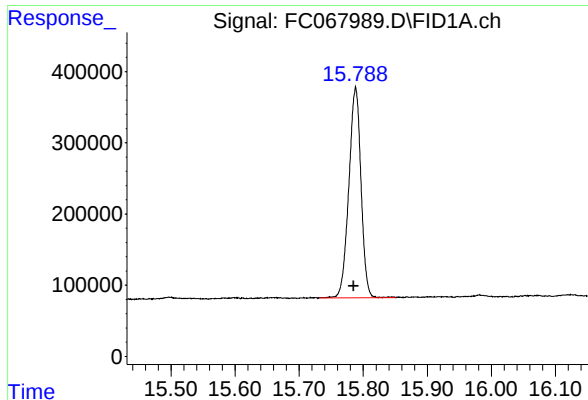
#13 n-Docosane (C22)

R.T.: 13.666 min
Delta R.T.: 0.002 min
Response: 4164051
Conc: 29.09 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: 0.003 min
Response: 4006850
Conc: 28.84 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.003 min
Response: 3880990
Conc: 29.02 ug/ml

Instrument :

FID_C

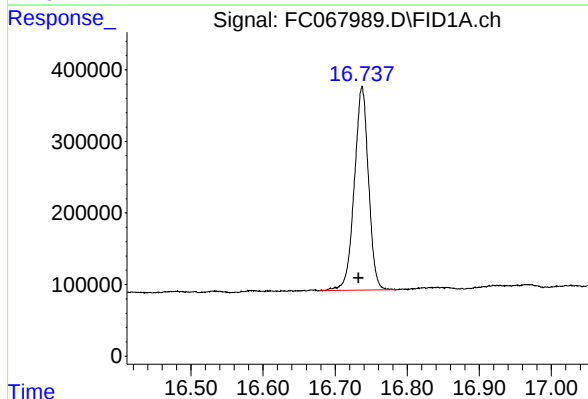
ClientSampleId :

UST-1MS

Manual Integrations

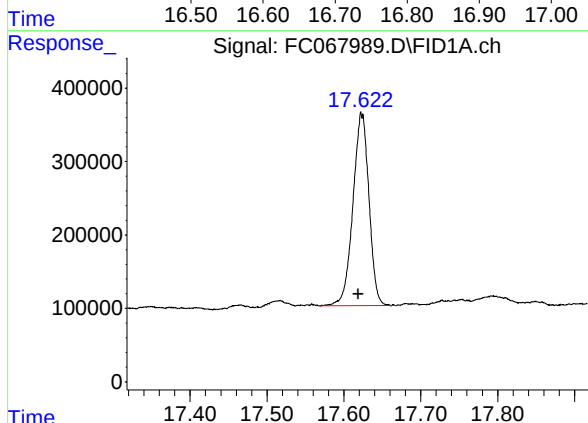
APPROVED

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



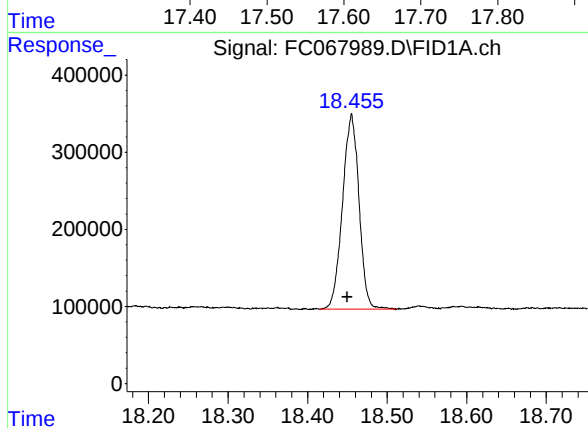
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.004 min
Response: 3897223
Conc: 30.05 ug/ml



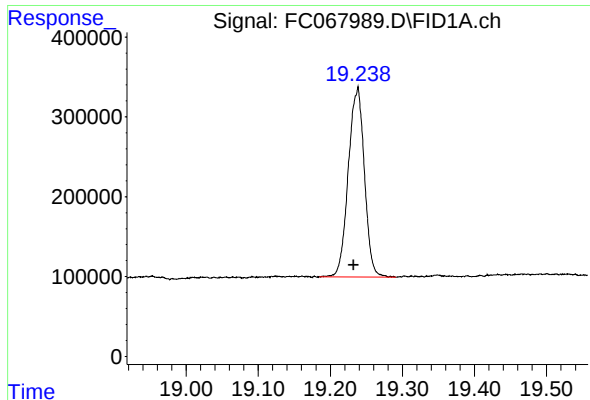
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: 0.004 min
Response: 3793893
Conc: 29.29 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: 0.005 min
Response: 3649399
Conc: 29.46 ug/ml



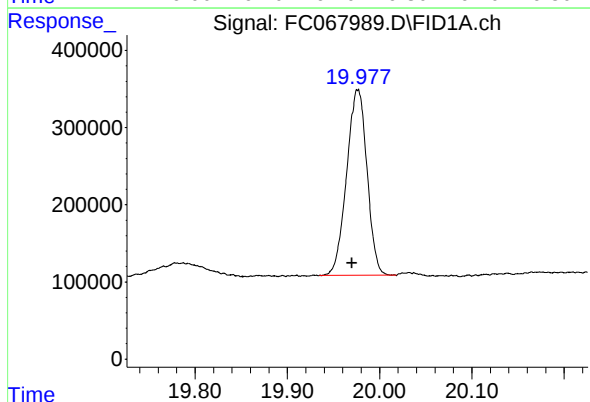
#19 n-Tetratriacontane (C34)

R.T.: 19.237 min
Delta R.T.: 0.005 min
Response: 3685031
Conc: 33.76 ug/ml

Instrument :
FID_C
ClientSampleId :
UST-1MS

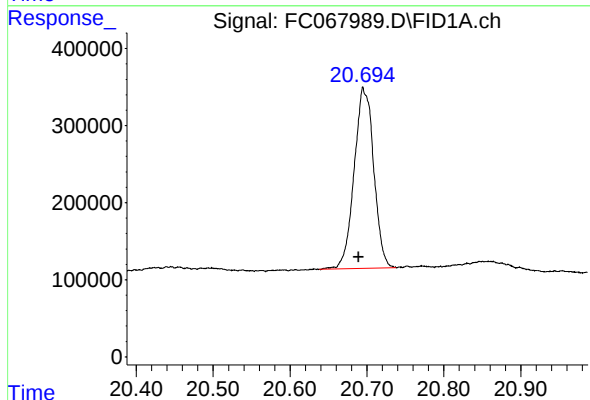
Manual Integrations
APPROVED

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



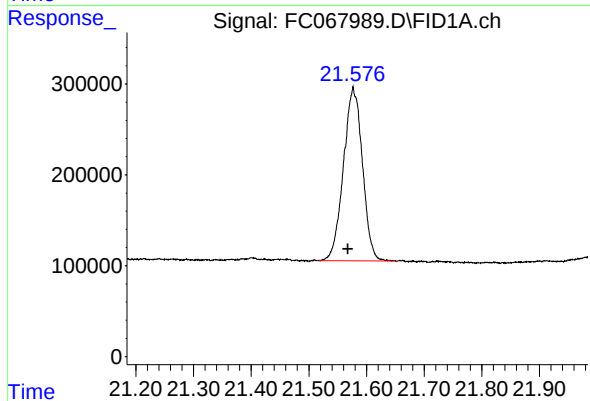
#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: 0.006 min
Response: 3692736
Conc: 39.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: 0.007 min
Response: 4138886
Conc: 45.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: 0.009 min
Response: 4362961
Conc: 49.50 ug/ml