

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062124AL\
 Data File : FC066666.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jun 2024 16:24
 Operator : YP/AJ
 Sample : PB161620BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161620BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Ankita Jodhani 06/24/2024

Integration File: autoint1.e
 Quant Time: Jun 22 02:57:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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...	12.972	4179189	30.288 ug/ml
Spiked Amount 50.000		Recovery =	60.58%
Target Compounds			
1) T n-Nonane (C9)	3.296	2572486	17.705 ug/ml
2) T n-Decane (C10)	4.362	3414294	22.890 ug/ml
4) T n-Dodecane (C12)	6.380	4033180	26.612 ug/ml
6) T n-Tetradecane (C14)	8.176	4459610	29.400 ug/ml
7) T n-Hexadecane (C16)	9.777	4761220	29.723 ug/ml
8) T n-Octadecane (C18)	11.219	4936260	29.750 ug/ml
10) T n-Eicosane (C20)	12.528	5208511	32.039 ug/ml
11) T n-Heneicosane (C21)	13.139	5044152	31.306 ug/ml
13) T n-Docosane (C22)	13.726	5014822	31.280 ug/ml
14) T n-Tetracosane (C24)	14.829	4934060	31.089 ug/ml
15) T n-Hexacosane (C26)	15.849	4785078	31.338 ug/ml
16) T n-Octacosane (C28)	16.798	4608655	31.950 ug/ml
17) T n-Tricontane (C30)	17.685	4551246	32.576 ug/ml
18) T n-Dotriacontane (C32)	18.518	4486978	33.999 ug/ml
19) T n-Tetratriacontane (C34)	19.302	4412240	35.676 ug/ml
20) T n-Hexatriacontane (C36)	20.042	4259651	35.344 ug/ml
21) T n-Octatriacontane (C38)	20.772	4269615	37.339 ug/ml
22) T n-Tetracontane (C40)	21.674	4069328	36.233 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062124AL\
Data File : FC066666.D
Signal(s) : FID1A.ch
Acq On : 21 Jun 2024 16:24
Operator : YP/AJ
Sample : PB161620BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB161620BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Ankita Jodhani 06/24/2024

Integration File: autoint1.e

Quant Time: Jun 22 02:57:58 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M

Quant Title : GC Extractables

QLast Update : Mon Jun 17 13:44:39 2024

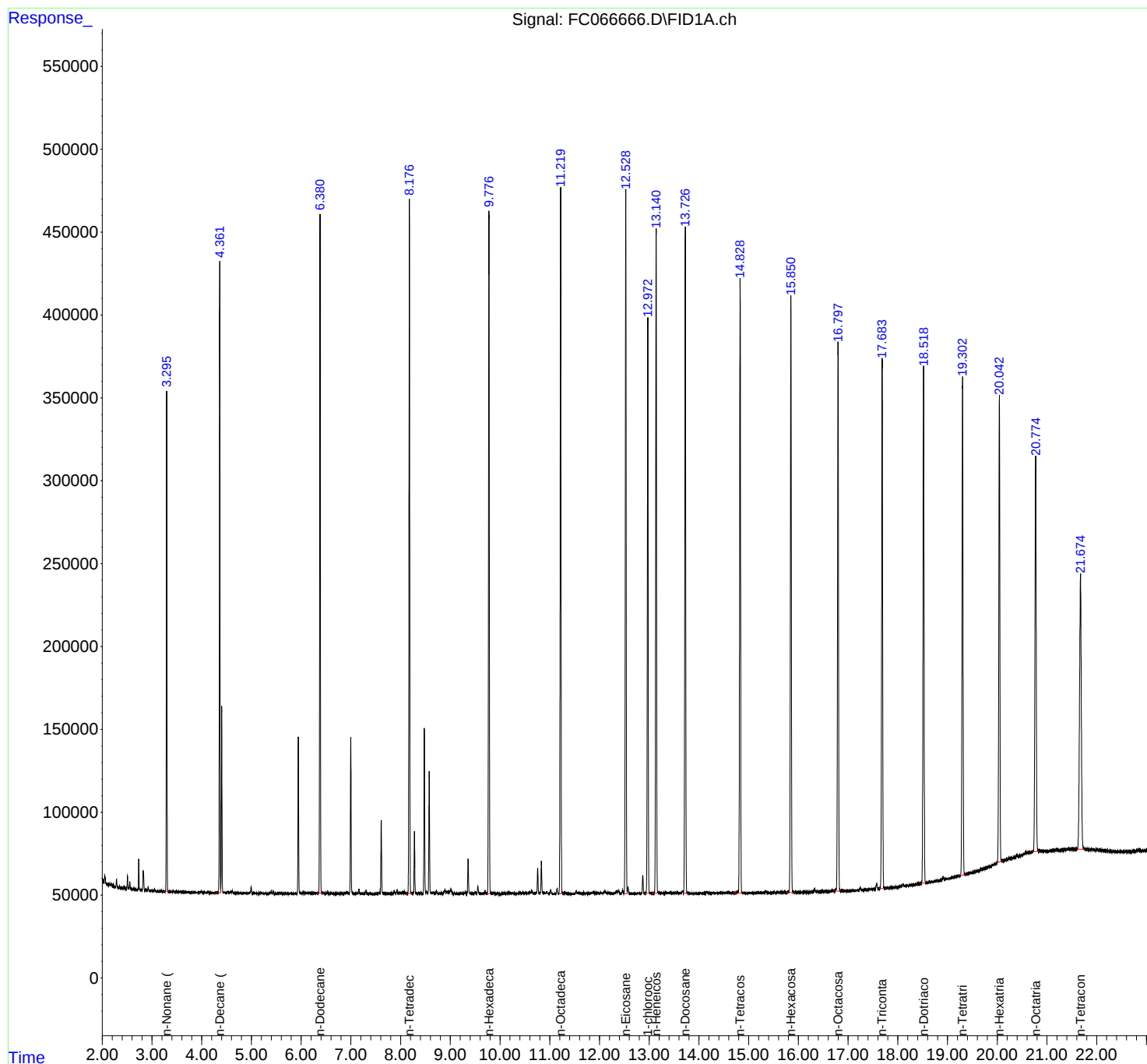
Response via : Initial Calibration

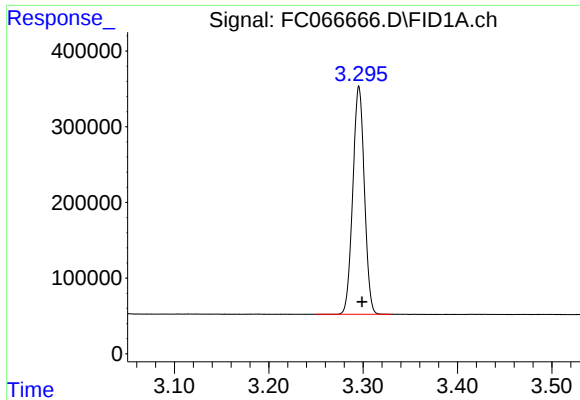
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 2572486
Conc: 17.71 ug/ml

Instrument :

FID_C

ClientSampleId :

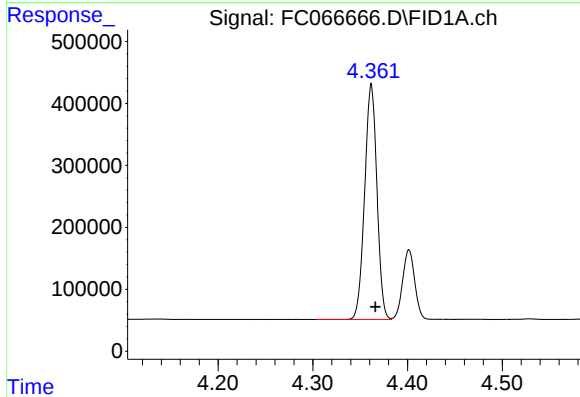
PB161620BS

Manual Integrations

APPROVED

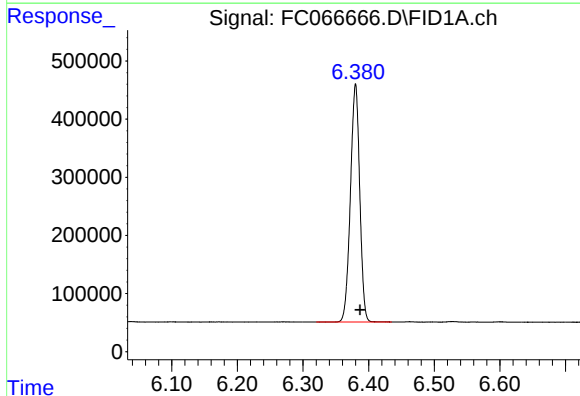
Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Ankita Jodhani 06/24/2024



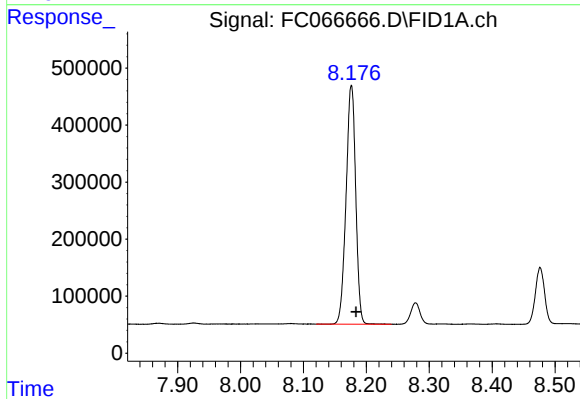
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 3414294
Conc: 22.89 ug/ml



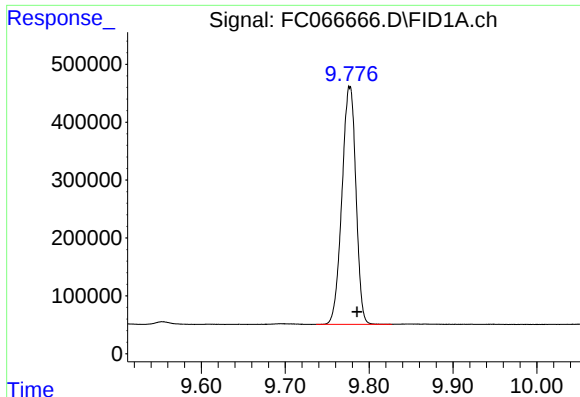
#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.007 min
Response: 4033180
Conc: 26.61 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.007 min
Response: 4459610
Conc: 29.40 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.009 min
Response: 4761220
Conc: 29.72 ug/ml

Instrument :

FID_C

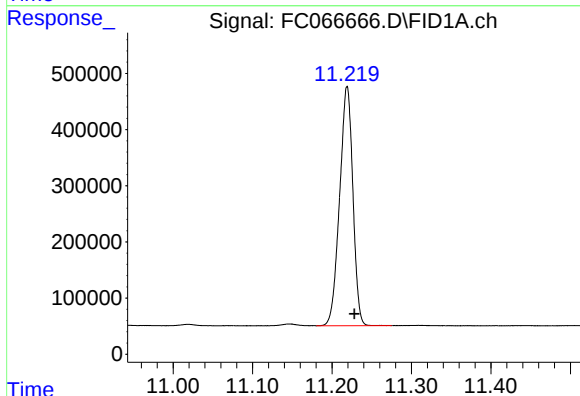
ClientSampleId :

PB161620BS

Manual Integrations

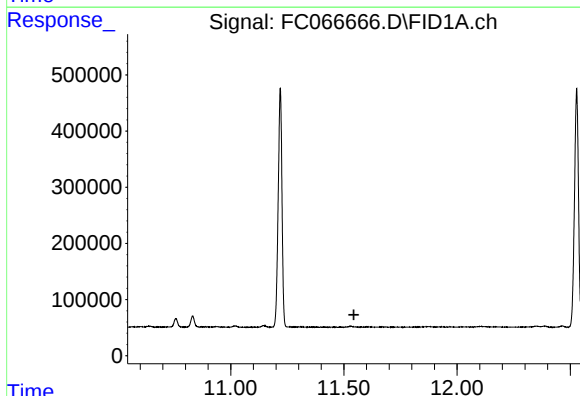
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Ankita Jodhani 06/24/2024



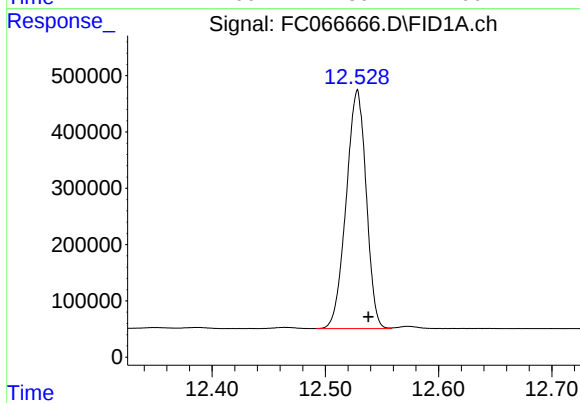
#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.009 min
Response: 4936260
Conc: 29.75 ug/ml



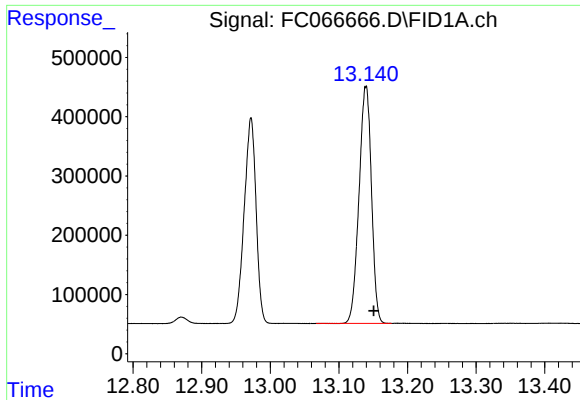
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.544 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.010 min
Response: 5208511
Conc: 32.04 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.011 min
Response: 5044152
Conc: 31.31 ug/ml

Instrument :

FID_C

ClientSampleId :

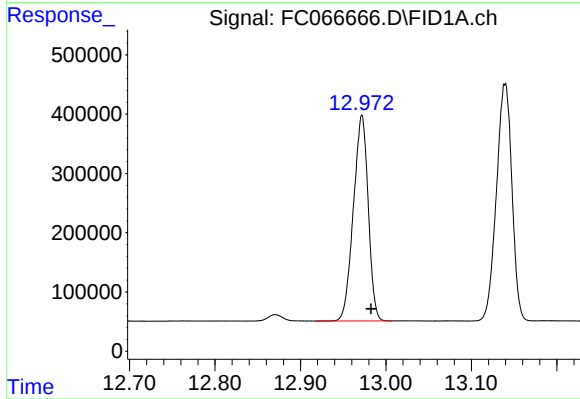
PB161620BS

Manual Integrations

APPROVED

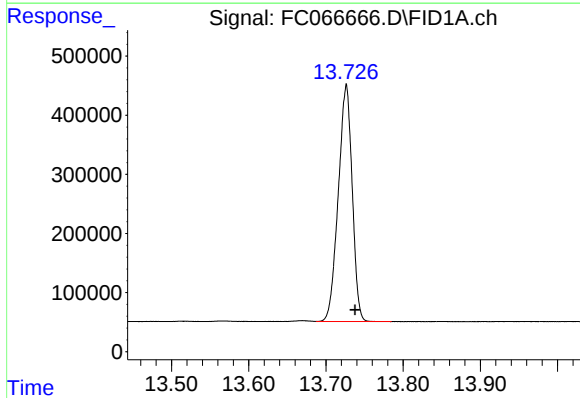
Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Ankita Jodhani 06/24/2024



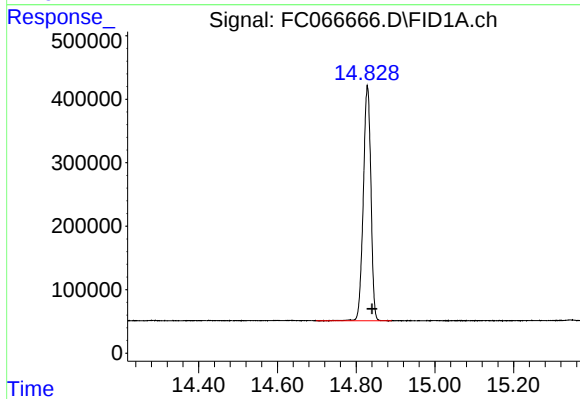
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.011 min
Response: 4179189
Conc: 30.29 ug/ml



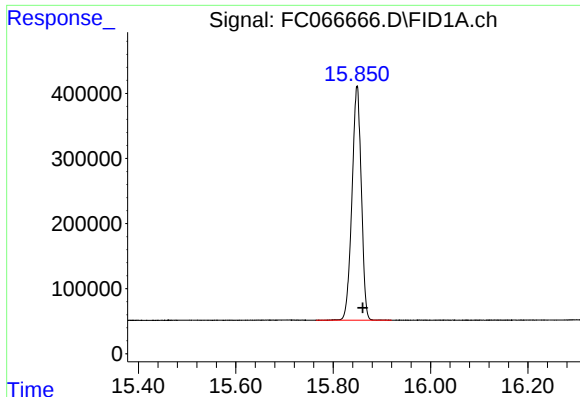
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.012 min
Response: 5014822
Conc: 31.28 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.012 min
Response: 4934060
Conc: 31.09 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.012 min
Response: 4785078
Conc: 31.34 ug/ml

Instrument :

FID_C

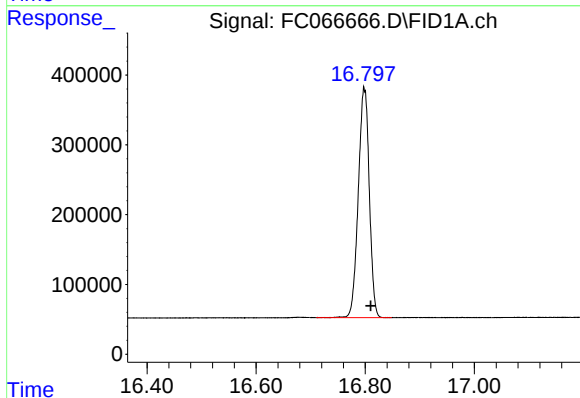
ClientSampleId :

PB161620BS

Manual Integrations

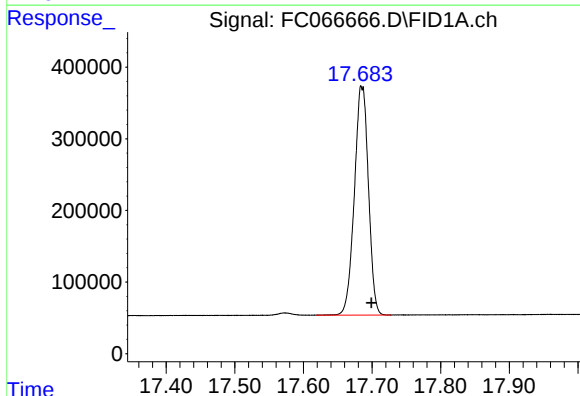
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Ankita Jodhani 06/24/2024



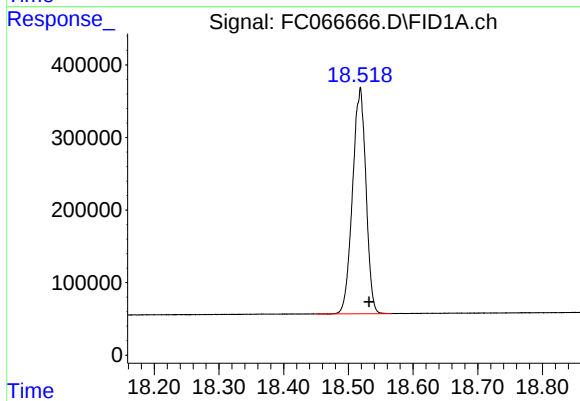
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.012 min
Response: 4608655
Conc: 31.95 ug/ml



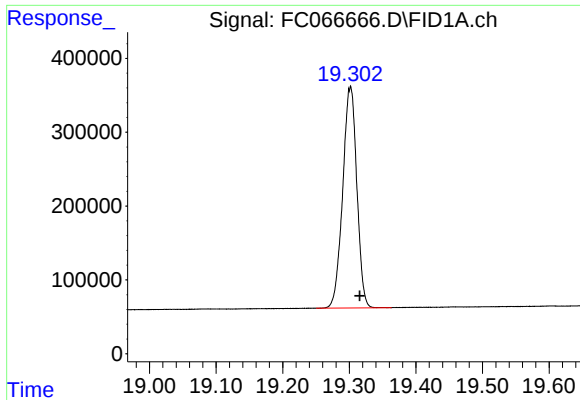
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.014 min
Response: 4551246
Conc: 32.58 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.518 min
Delta R.T.: -0.014 min
Response: 4486978
Conc: 34.00 ug/ml



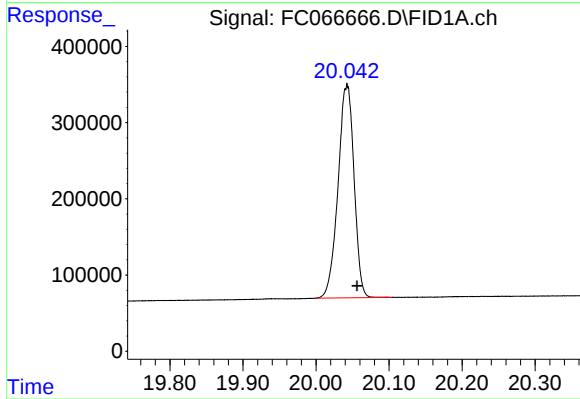
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min
Delta R.T.: -0.014 min
Response: 4412240
Conc: 35.68 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161620BS

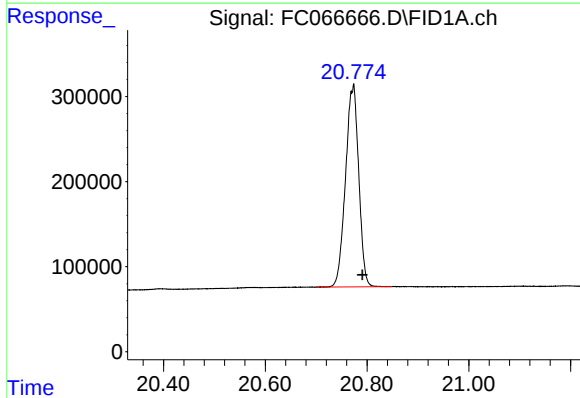
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Ankita Jodhani 06/24/2024



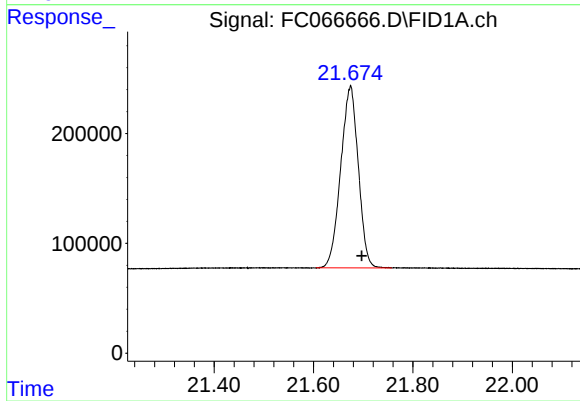
#20 n-Hexatriacontane (C36)

R.T.: 20.042 min
Delta R.T.: -0.014 min
Response: 4259651
Conc: 35.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: -0.019 min
Response: 4269615
Conc: 37.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.674 min
Delta R.T.: -0.023 min
Response: 4069328
Conc: 36.23 ug/ml m