

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052424AL\
 Data File : FC066470.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2024 15:37
 Operator : YP/AJ
 Sample : P2597-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PL-01-052324MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/28/2024
 Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e
 Quant Time: May 25 02:11:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.564	3532113	21.363 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
12) S 1-chlorooctadecane (S...	13.003	3311647	26.999 ug/ml
Spiked Amount 50.000		Recovery =	54.00%
Target Compounds			
1) T n-Nonane (C9)	3.315	2691680	17.822 ug/ml
2) T n-Decane (C10)	4.384	3214417	20.902 ug/ml
3) T A~Naphthalene (C11.7)	5.968	3997899	23.531 ug/ml
4) T n-Dodecane (C12)	6.405	3705694	24.113 ug/ml
5) T A~2-methylnaphthalene...	7.027	4227962	25.654 ug/ml
6) T n-Tetradecane (C14)	8.204	4480038	29.603 ug/mlm
7) T n-Hexadecane (C16)	9.806	4826603	31.566 ug/mlm
8) T n-Octadecane (C18)	11.250	4672107	30.780 ug/ml
10) T n-Eicosane (C20)	12.560	4573619	31.793 ug/ml
11) T n-Heneicosane (C21)	13.173	4426033	31.487 ug/ml
13) T n-Docosane (C22)	13.759	4111109	29.364 ug/ml
14) T n-Tetracosane (C24)	14.863	3613728	25.669 ug/ml
15) T n-Hexacosane (C26)	15.886	3876232	28.338 ug/mlm
16) T n-Octacosane (C28)	16.837	4487395	33.508 ug/ml
17) T n-Tricontane (C30)	17.728	4362048	32.368 ug/ml
18) T n-Dotriacontane (C32)	18.563	4414927	34.289 ug/ml
19) T n-Tetratriacontane (C34)	19.349	4560665	38.547 ug/mlm
20) T n-Hexatriacontane (C36)	20.090	3804836	33.102 ug/mlm
21) T n-Octatriacontane (C38)	20.834	4096424	38.058 ug/mlm
22) T n-Tetracontane (C40)	21.750	4554623	42.474 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052424AL\
Data File : FC066470.D
Signal(s) : FID1A.ch
Acq On : 24 May 2024 15:37
Operator : YP/AJ
Sample : P2597-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

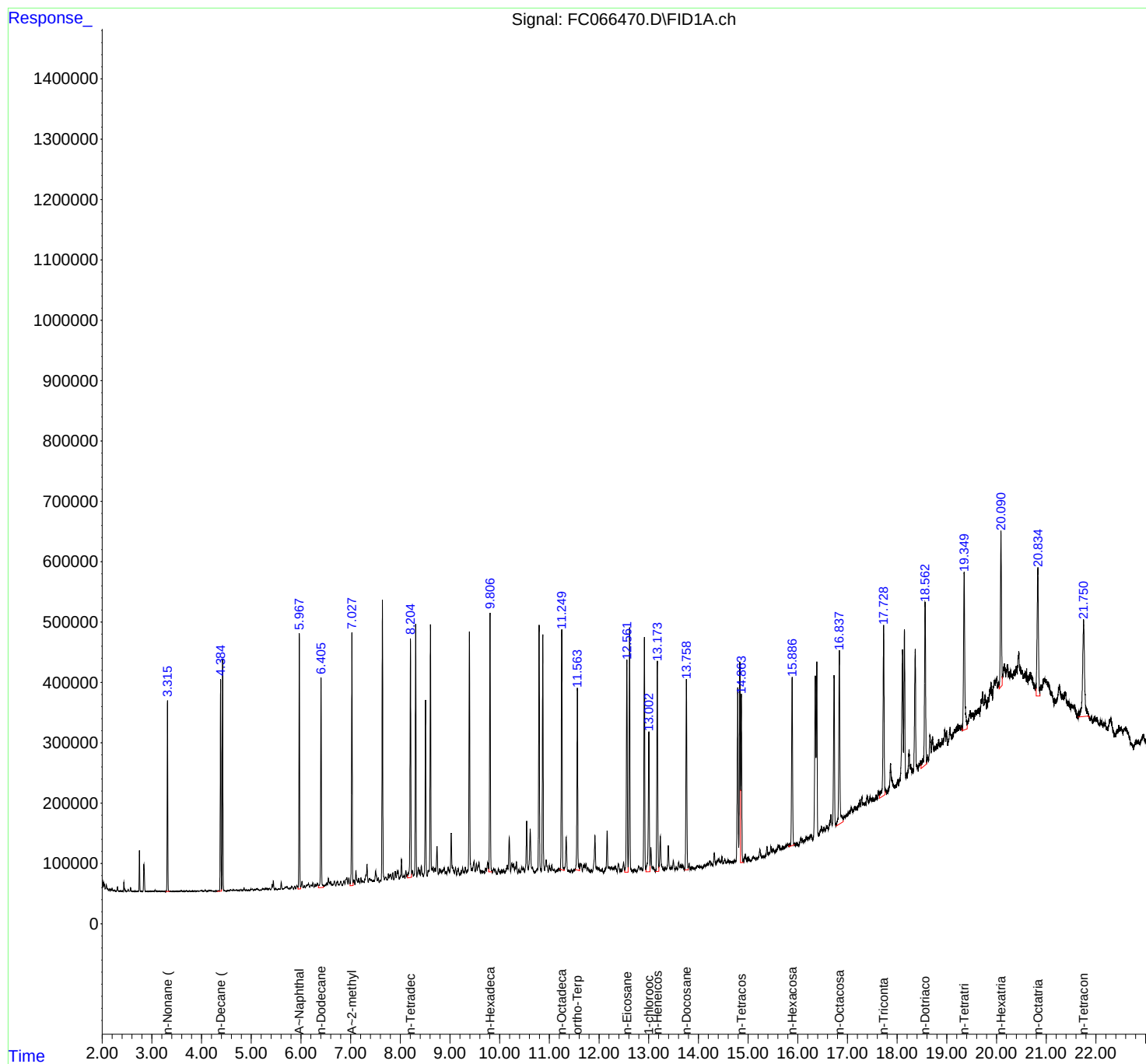
Instrument :
FID_C
ClientSampleId :
PL-01-052324MS

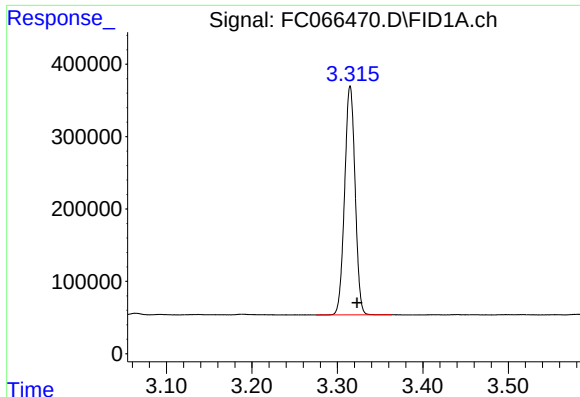
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e
Quant Time: May 25 02:11:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
Quant Title : GC Extractables
QLast Update : Thu May 02 09:03:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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





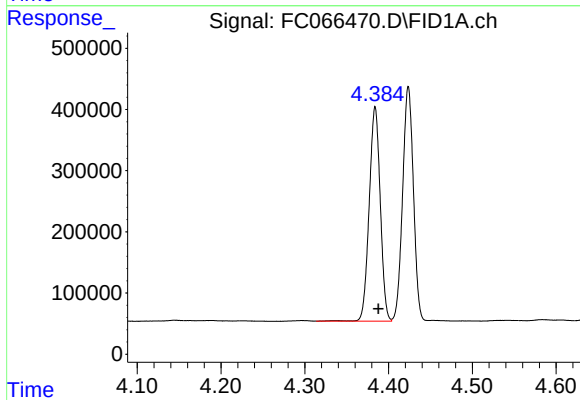
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 2691680
Conc: 17.82 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-01-052324MS

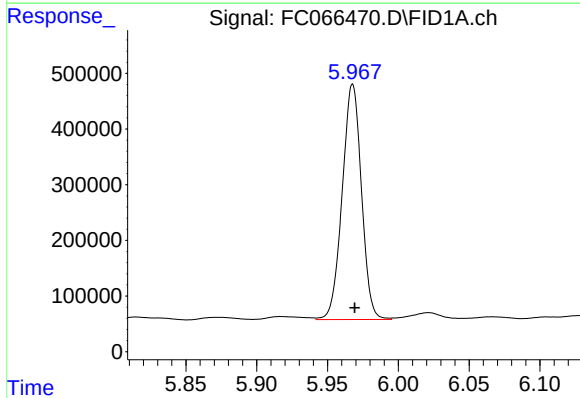
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :Ankita Jodhani 05/28/2024



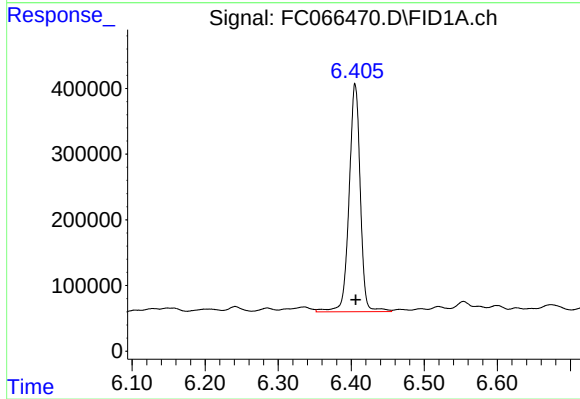
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: -0.004 min
Response: 3214417
Conc: 20.90 ug/ml



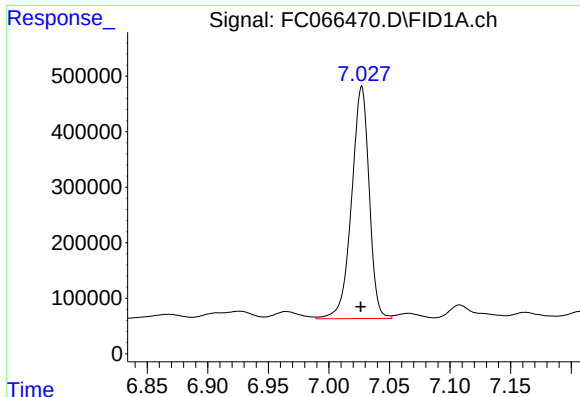
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 3997899
Conc: 23.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 3705694
Conc: 24.11 ug/ml



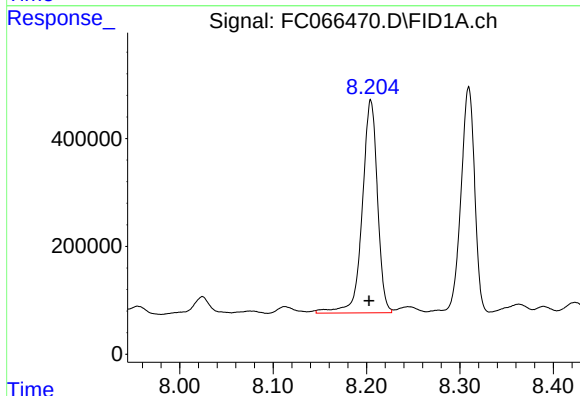
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 4227962
Conc: 25.65 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-01-052324MS

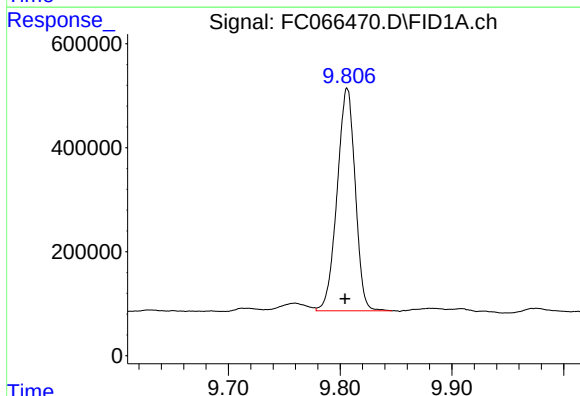
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :Ankita Jodhani 05/28/2024



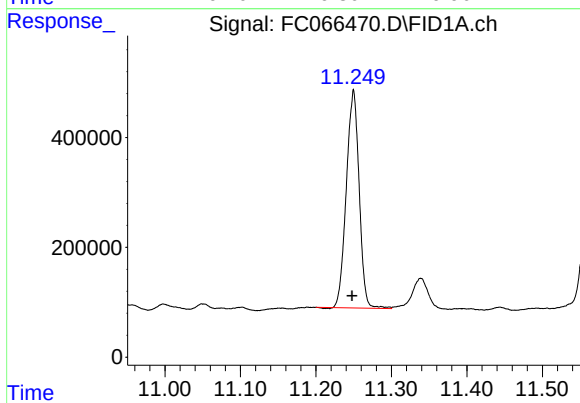
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: 0.001 min
Response: 4480038
Conc: 29.60 ug/ml m



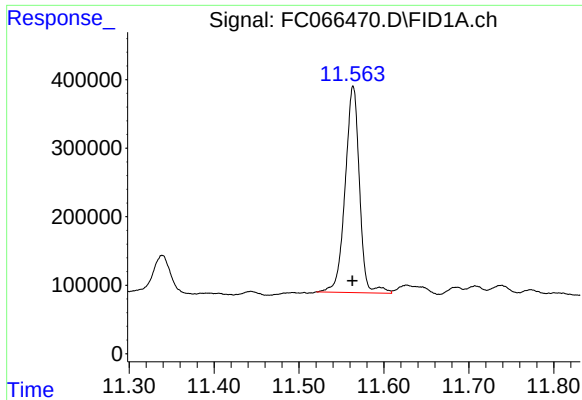
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: 0.001 min
Response: 4826603
Conc: 31.57 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: 0.002 min
Response: 4672107
Conc: 30.78 ug/ml



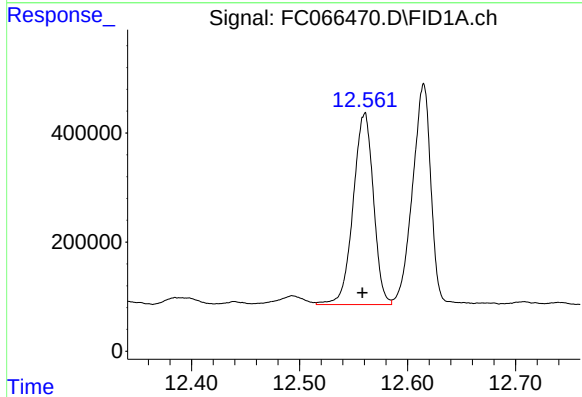
#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: 0.000 min
Response: 3532113
Conc: 21.36 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-01-052324MS

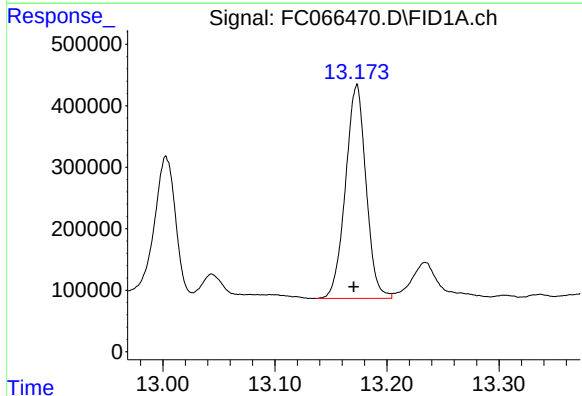
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :Ankita Jodhani 05/28/2024



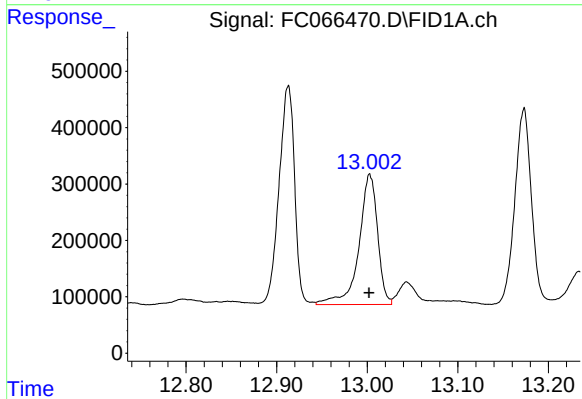
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: 0.002 min
Response: 4573619
Conc: 31.79 ug/ml



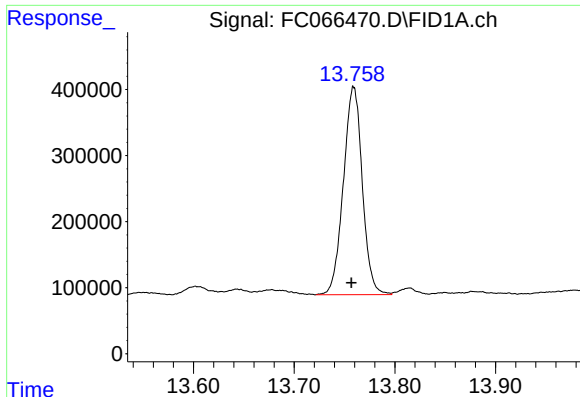
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: 0.002 min
Response: 4426033
Conc: 31.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: 0.000 min
Response: 3311647
Conc: 27.00 ug/ml



#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: 0.002 min
Response: 4111109
Conc: 29.36 ug/ml

Instrument :

FID_C

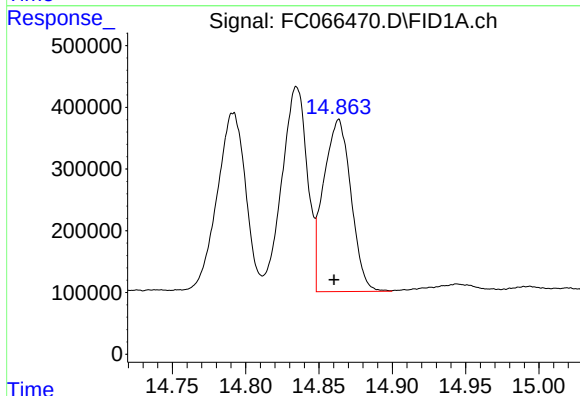
ClientSampleId :

PL-01-052324MS

Manual Integrations

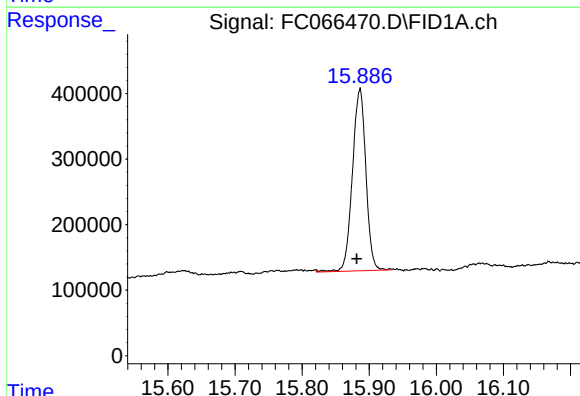
APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :Ankita Jodhani 05/28/2024



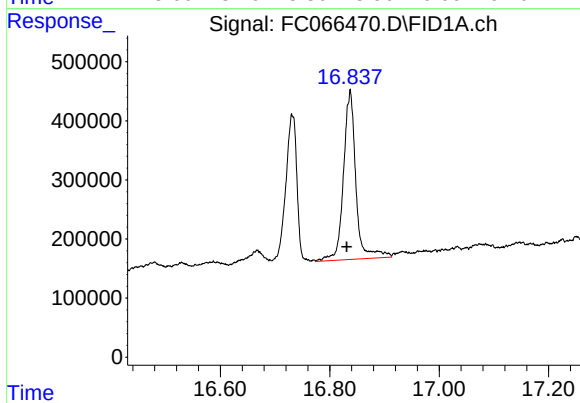
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: 0.003 min
Response: 3613728
Conc: 25.67 ug/ml



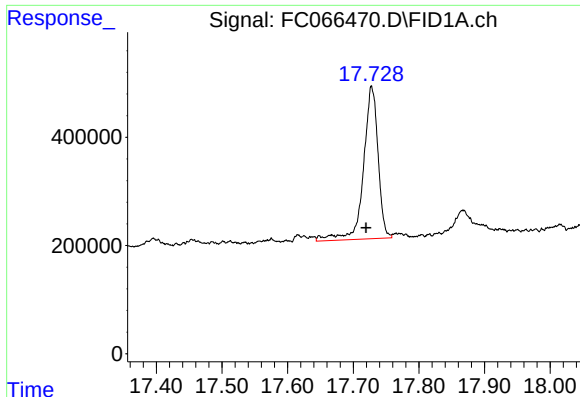
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.005 min
Response: 3876232
Conc: 28.34 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.006 min
Response: 4487395
Conc: 33.51 ug/ml



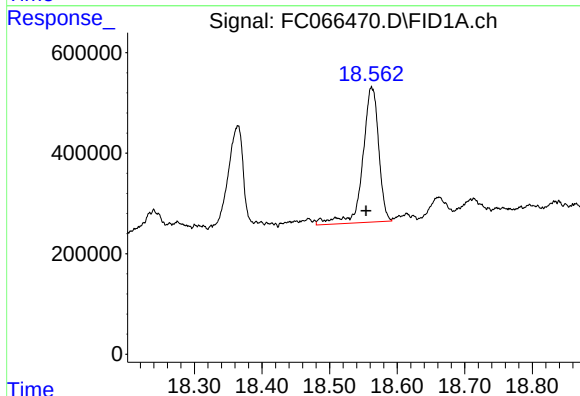
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: 0.009 min
Response: 4362048
Conc: 32.37 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-01-052324MS

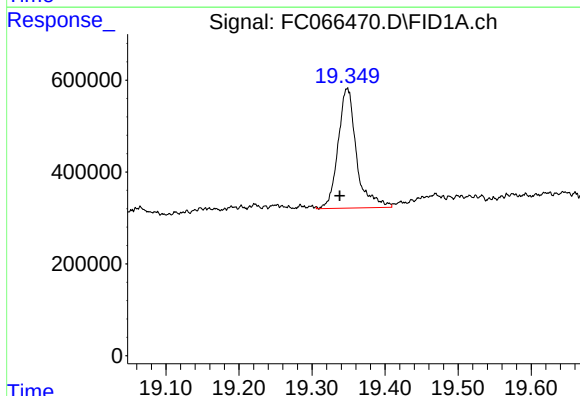
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :Ankita Jodhani 05/28/2024



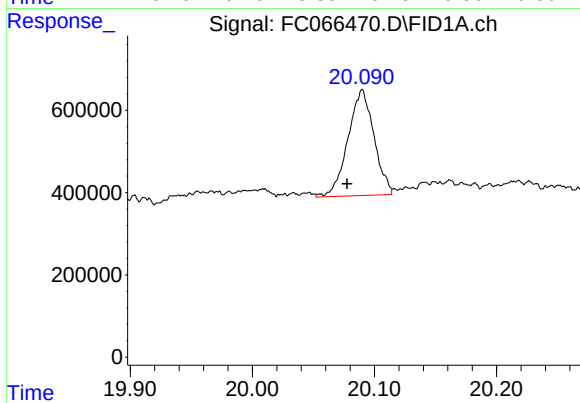
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: 0.008 min
Response: 4414927
Conc: 34.29 ug/ml



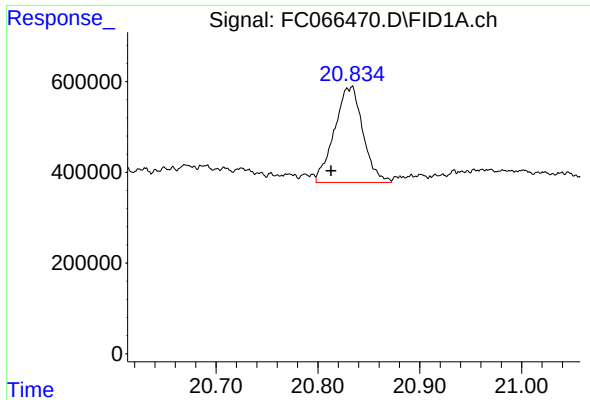
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: 0.011 min
Response: 4560665
Conc: 38.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: 0.012 min
Response: 3804836
Conc: 33.10 ug/ml m



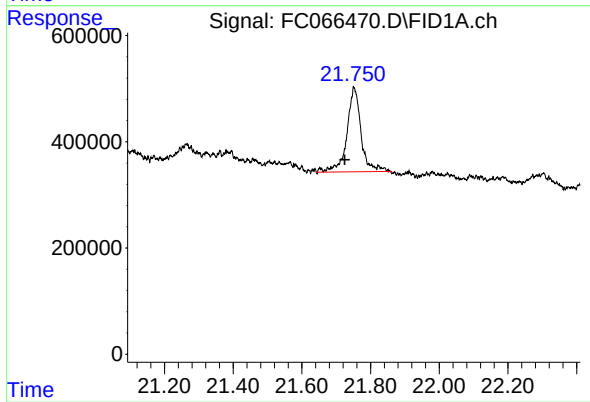
#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: 0.021 min
Response: 4096424
Conc: 38.06 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-01-052324MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :Ankita Jodhani 05/28/2024



#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: 0.025 min
Response: 4554623
Conc: 42.47 ug/ml m