

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042624AL\
 Data File : FC066250.D
 Signal(s) : FID1A.ch
 Acq On : 26 Apr 2024 20:42
 Operator : YP/AJ
 Sample : PB160549BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160549BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: Apr 27 00:59:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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			
12) S 1-chlorooctadecane (S...	13.002	3689974	37.606 ug/ml
Spiked Amount 50.000		Recovery =	75.21%
Target Compounds			
1) T n-Nonane (C9)	3.318	2751639	21.374 ug/ml
2) T n-Decane (C10)	4.387	3470980	26.620 ug/ml
4) T n-Dodecane (C12)	6.408	4078281	31.496 ug/ml
6) T n-Tetradecane (C14)	8.204	4270723	33.931 ug/ml
7) T n-Hexadecane (C16)	9.806	4412901	34.645 ug/ml
8) T n-Octadecane (C18)	11.249	4659682	36.608 ug/ml
10) T n-Eicosane (C20)	12.559	4843144	40.189 ug/ml
11) T n-Heneicosane (C21)	13.171	4705560	39.768 ug/ml
13) T n-Docosane (C22)	13.757	4689462	39.946 ug/ml
14) T n-Tetracosane (C24)	14.860	4641146	39.779 ug/ml
15) T n-Hexacosane (C26)	15.882	4595527	39.975 ug/ml
16) T n-Octacosane (C28)	16.832	4539013	40.051 ug/ml
17) T n-Tricontane (C30)	17.720	4559732	39.360 ug/ml
18) T n-Dotriacontane (C32)	18.552	4484276	39.058 ug/ml
19) T n-Tetratriacontane (C34)	19.337	4438587	40.416 ug/ml
20) T n-Hexatriacontane (C36)	20.075	4254644	41.219 ug/mlm
21) T n-Octatriacontane (C38)	20.812	4096869	42.027 ug/ml
22) T n-Tetracontane (C40)	21.723	3768435	41.645 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042624AL\
Data File : FC066250.D
Signal(s) : FID1A.ch
Acq On : 26 Apr 2024 20:42
Operator : YP/AJ
Sample : PB160549BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

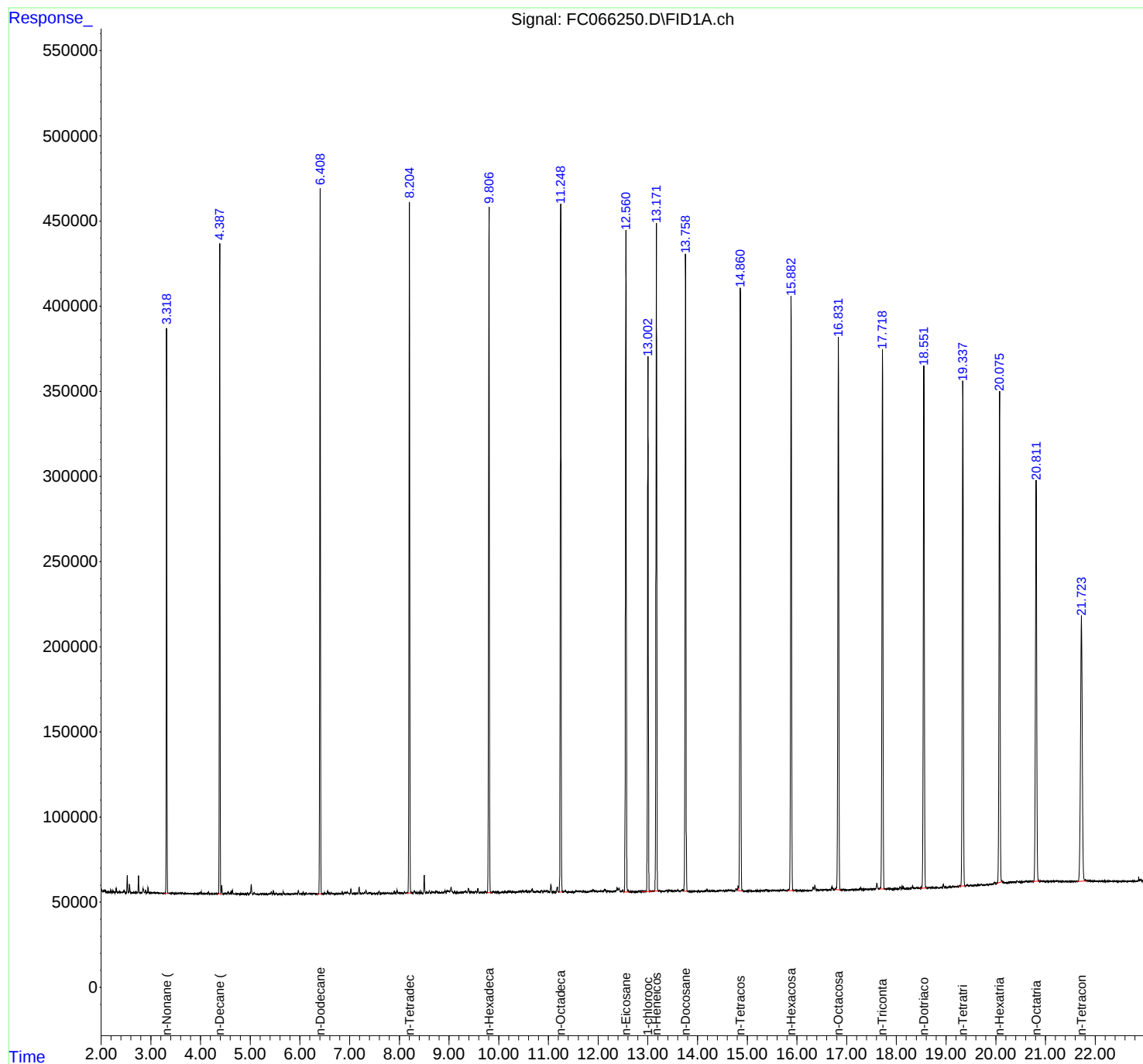
Instrument :
FID_C
ClientSampleId :
PB160549BS

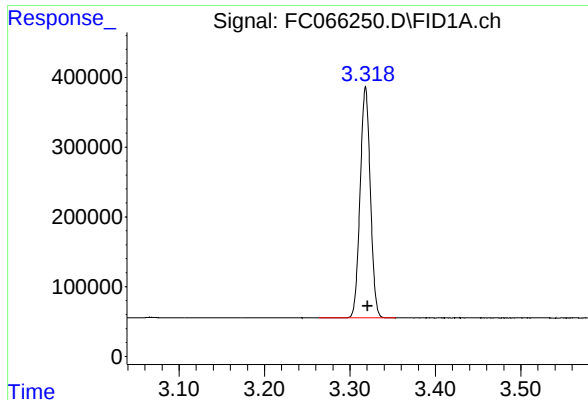
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
Quant Time: Apr 27 00:59:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
Quant Title : GC Extractables
QLast Update : Tue Apr 16 08:19:15 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.: 3.318 min
Delta R.T.: -0.003 min
Response: 2751639
Conc: 21.37 ug/ml

Instrument :

FID_C

ClientSampleId :

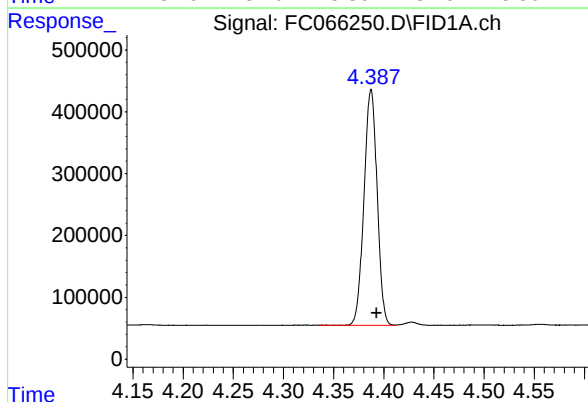
PB160549BS

Manual Integrations

APPROVED

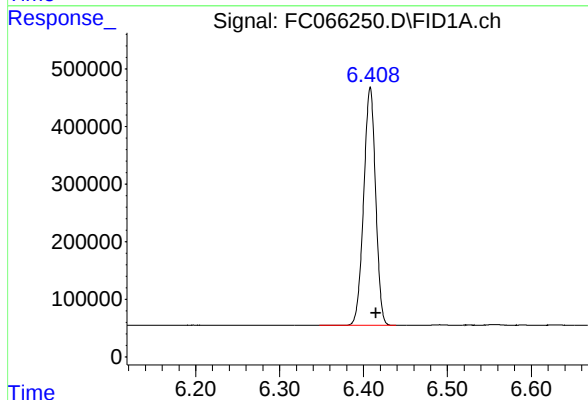
Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 05/02/2024



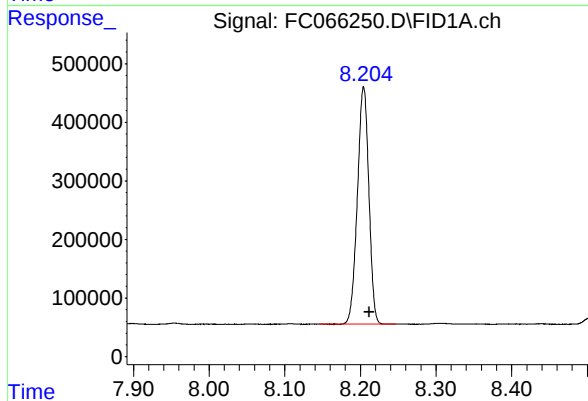
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.005 min
Response: 3470980
Conc: 26.62 ug/ml



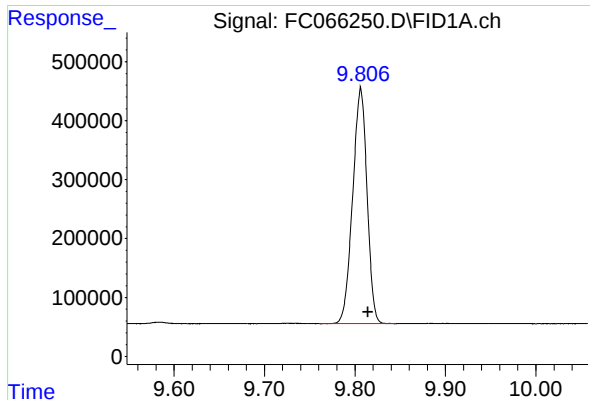
#4 n-Dodecane (C12)

R.T.: 6.408 min
Delta R.T.: -0.007 min
Response: 4078281
Conc: 31.50 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.007 min
Response: 4270723
Conc: 33.93 ug/ml



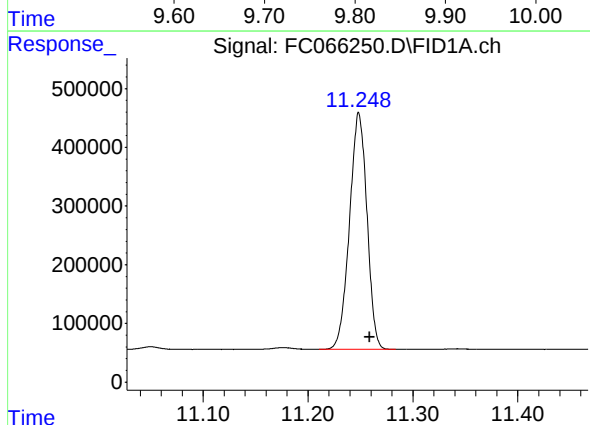
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.008 min
Response: 4412901
Conc: 34.65 ug/ml

Instrument :
FID_C
ClientSampleId :
PB160549BS

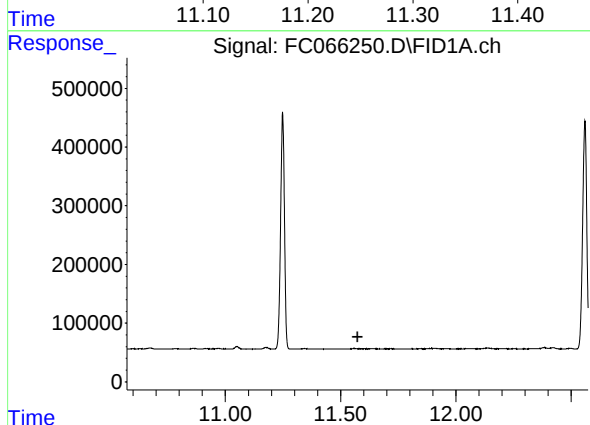
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 05/02/2024



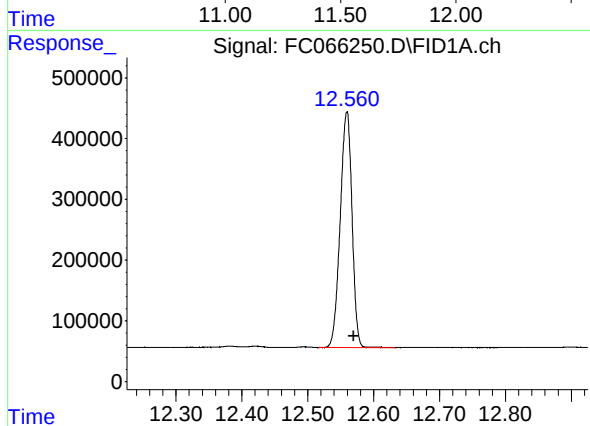
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.010 min
Response: 4659682
Conc: 36.61 ug/ml



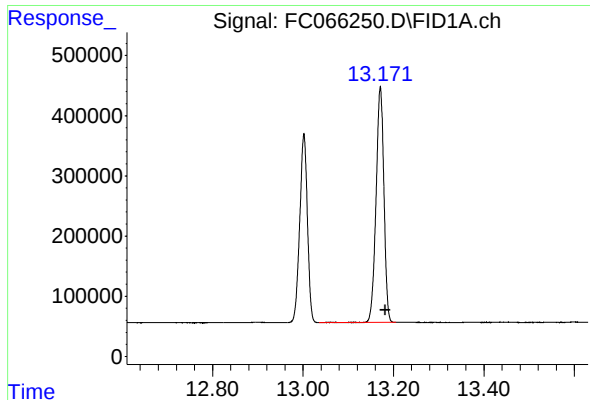
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.573 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.010 min
Response: 4843144
Conc: 40.19 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.011 min
Response: 4705560
Conc: 39.77 ug/ml

Instrument :

FID_C

ClientSampleId :

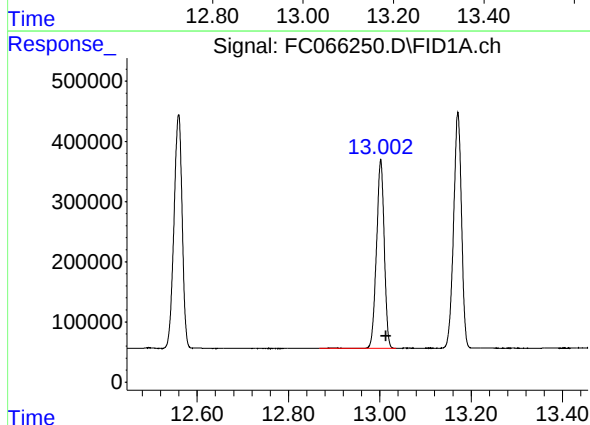
PB160549BS

Manual Integrations

APPROVED

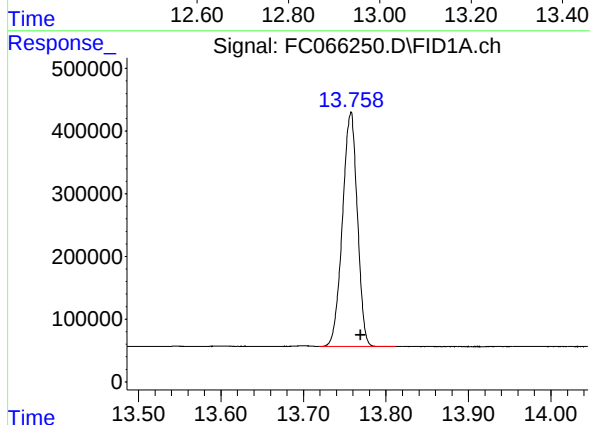
Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 05/02/2024



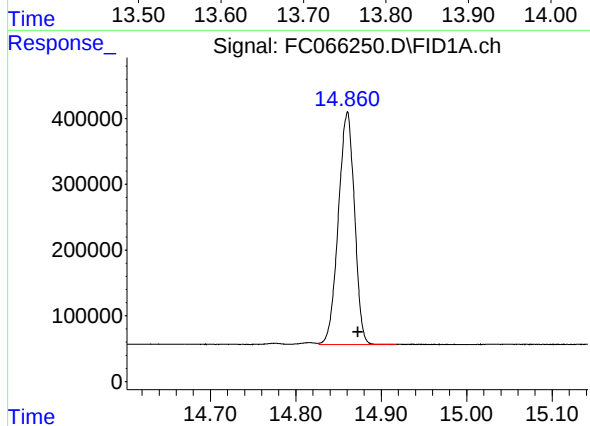
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.011 min
Response: 3689974
Conc: 37.61 ug/ml



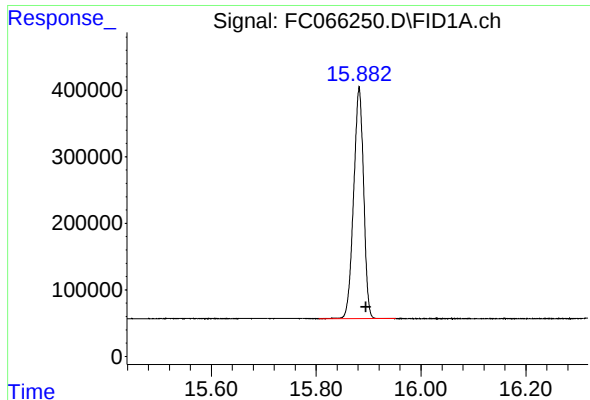
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: -0.012 min
Response: 4689462
Conc: 39.95 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: -0.013 min
Response: 4641146
Conc: 39.78 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: -0.013 min
Response: 4595527
Conc: 39.98 ug/ml

Instrument :

FID_C

ClientSampleId :

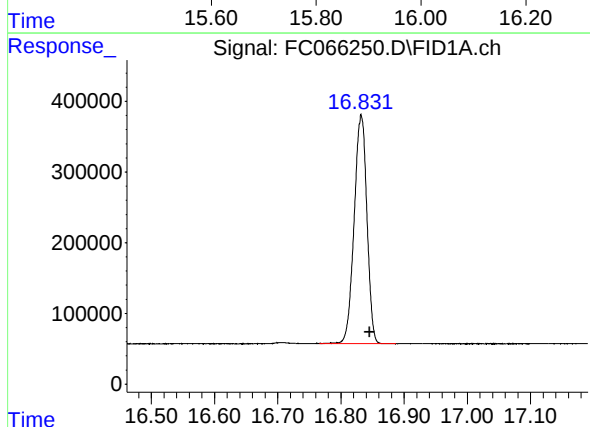
PB160549BS

Manual Integrations

APPROVED

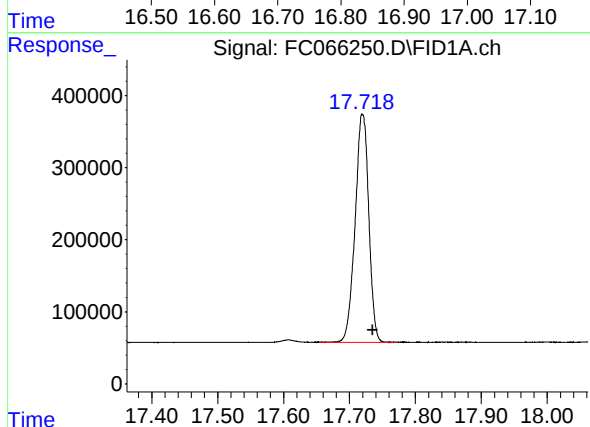
Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 05/02/2024



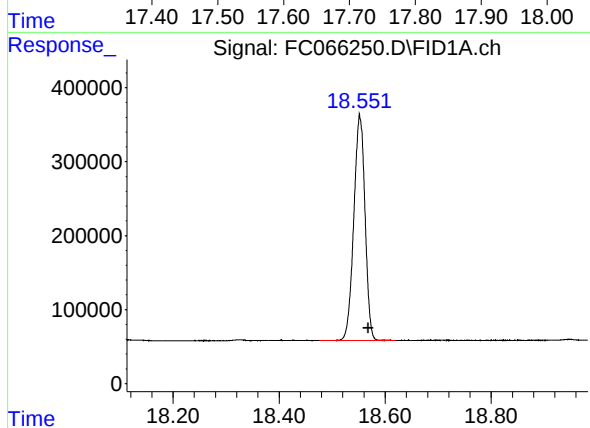
#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: -0.014 min
Response: 4539013
Conc: 40.05 ug/ml



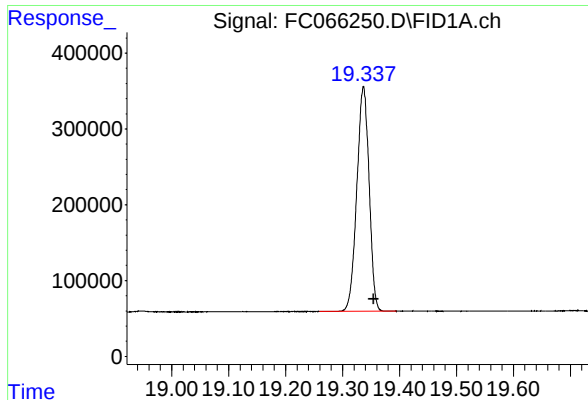
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: -0.015 min
Response: 4559732
Conc: 39.36 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.016 min
Response: 4484276
Conc: 39.06 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: -0.018 min
Response: 4438587
Conc: 40.42 ug/ml

Instrument :

FID_C

ClientSampleId :

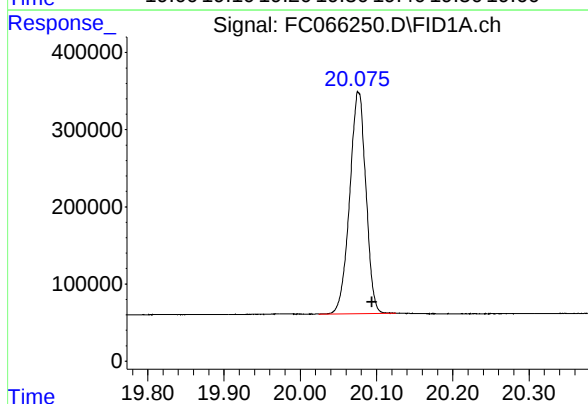
PB160549BS

Manual Integrations

APPROVED

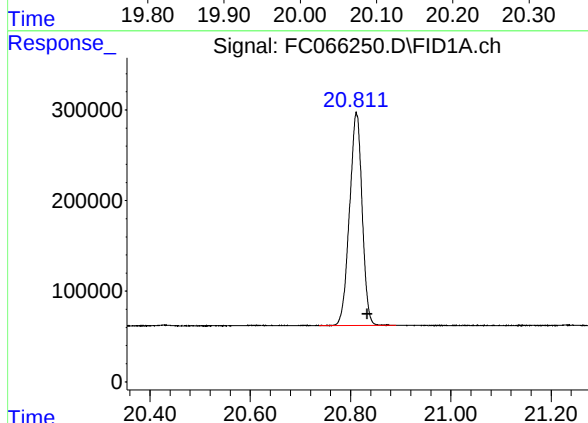
Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 05/02/2024



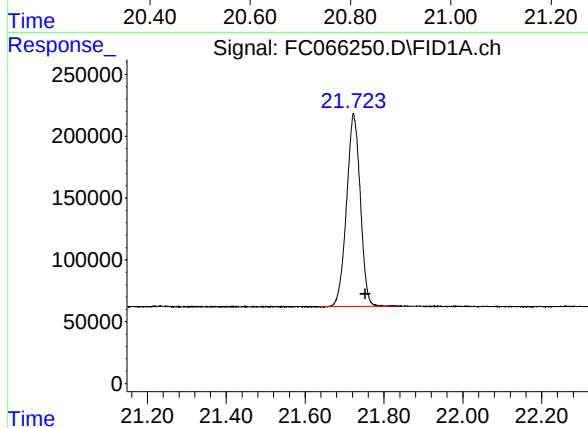
#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: -0.019 min
Response: 4254644
Conc: 41.22 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.022 min
Response: 4096869
Conc: 42.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.029 min
Response: 3768435
Conc: 41.65 ug/ml