

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058946.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 2022 17:35
 Operator : UA/NP
 Sample : PB143706BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143706BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 03:22:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.543	4892064	43.642 ug/ml
Spiked Amount 50.000		Recovery =	87.28%
Target Compounds			
1) T n-Nonane (C9)	2.953	2344016	19.128 ug/ml
2) T n-Decane (C10)	3.995	2913277	23.773 ug/ml
4) T n-Dodecane (C12)	5.994	3654825	28.614 ug/ml
6) T n-Tetradecane (C14)	7.779	3979747	30.608 ug/ml
7) T n-Hexadecane (C16)	9.370	4376411	32.957 ug/ml
8) T n-Octadecane (C18)	10.804	4703524	35.377 ug/ml
10) T n-Eicosane (C20)	12.106	4611948	35.199 ug/ml
11) T n-Heneicosane (C21)	12.715	4607334	35.311 ug/ml
13) T n-Docosane (C22)	13.297	4575409	35.319 ug/ml
14) T n-Tetracosane (C24)	14.395	4481520	35.476 ug/ml
15) T n-Hexacosane (C26)	15.410	4329116	35.839 ug/ml
16) T n-Octacosane (C28)	16.356	4197455	35.448 ug/ml
17) T n-Tricontane (C30)	17.239	4052570	35.525 ug/ml
18) T n-Dotriacontane (C32)	18.069	3929831	36.683 ug/ml
19) T n-Tetratriacontane (C34)	18.849	3852700	38.132 ug/ml
20) T n-Hexatriacontane (C36)	19.587	3806786	39.841 ug/ml
21) T n-Octatriacontane (C38)	20.281	3716267	40.386 ug/mlm
22) T n-Tetracontane (C40)	21.023	3707456	39.891 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
Data File : FC058946.D
Signal(s) : FID1A.CH
Acq On : 29 Mar 2022 17:35
Operator : UA/NP
Sample : PB143706BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

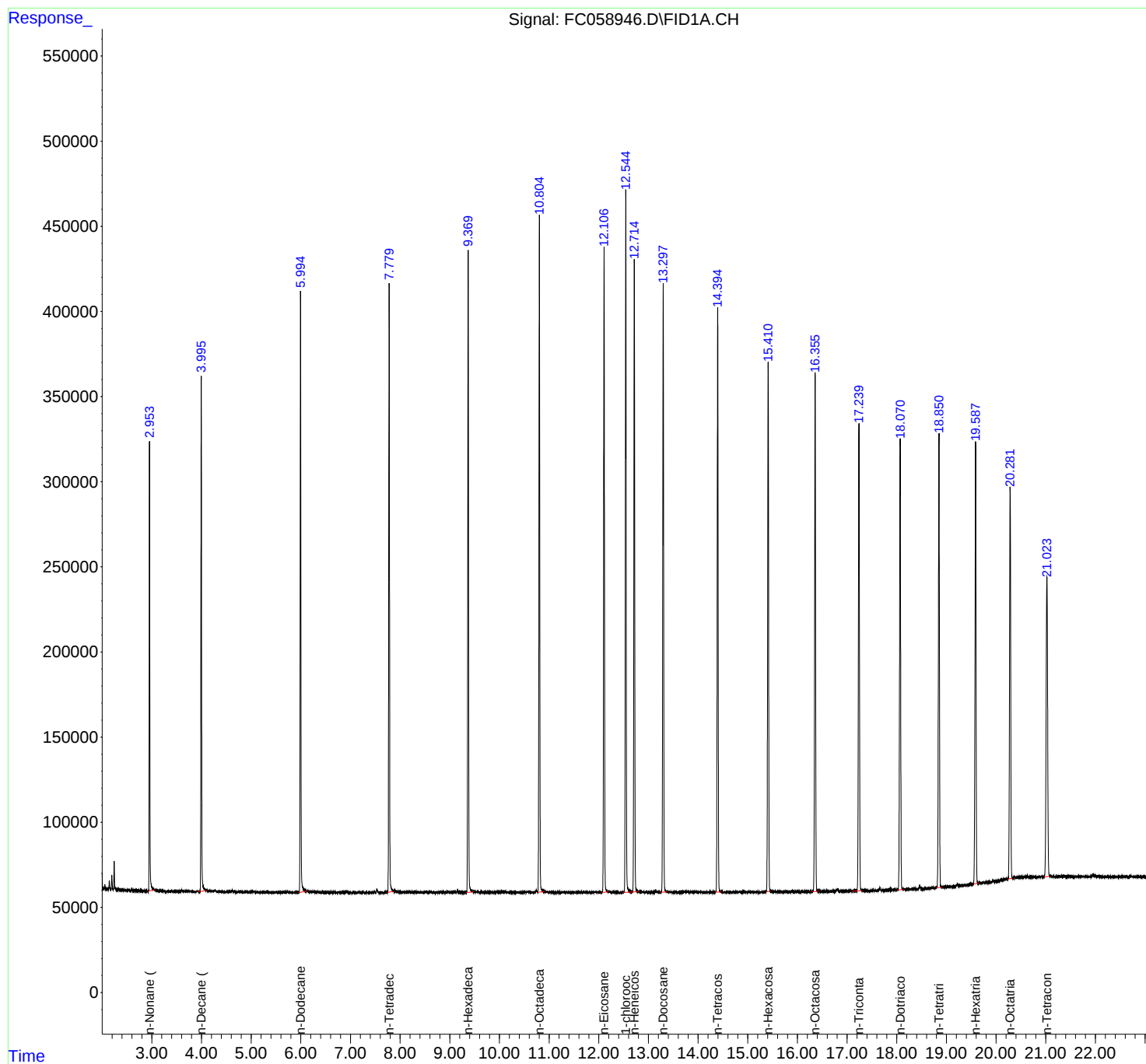
Instrument :
FID_C
ClientSampleId :
PB143706BS

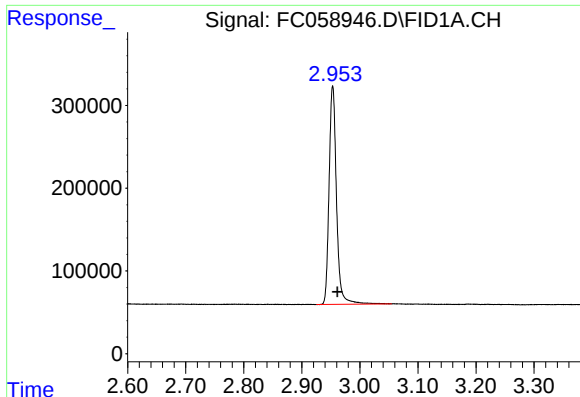
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/30/2022
Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
Quant Time: Mar 30 03:22:38 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
Quant Title : GC Extractables
QLast Update : Fri Mar 25 23:18:46 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





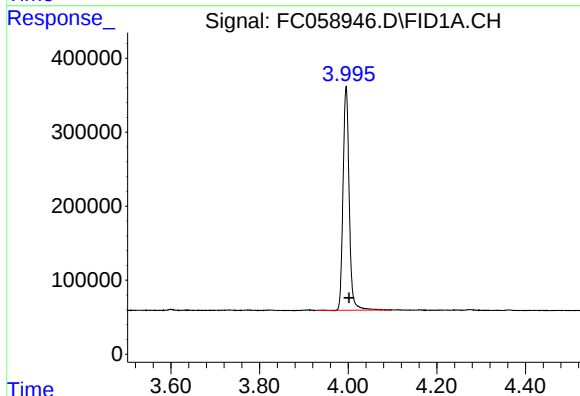
#1 n-Nonane (C9)

R.T.: 2.953 min
Delta R.T.: -0.008 min
Response: 2344016
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :
PB143706BS

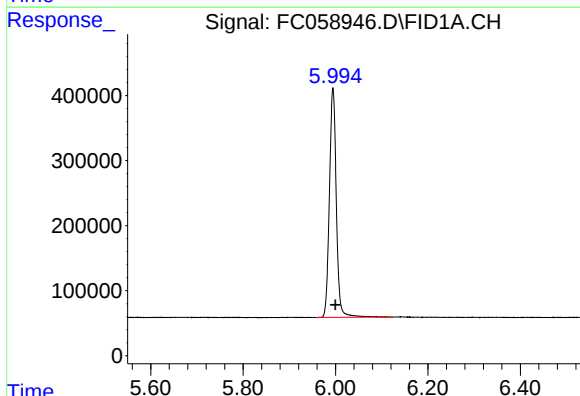
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/30/2022
Supervised By :mohammad ahmed 04/01/2022



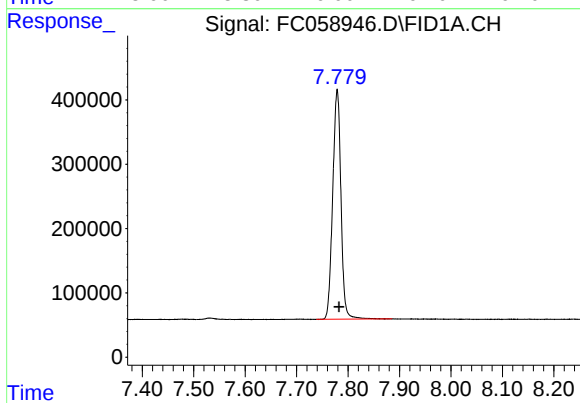
#2 n-Decane (C10)

R.T.: 3.995 min
Delta R.T.: -0.006 min
Response: 2913277
Conc: 23.77 ug/ml



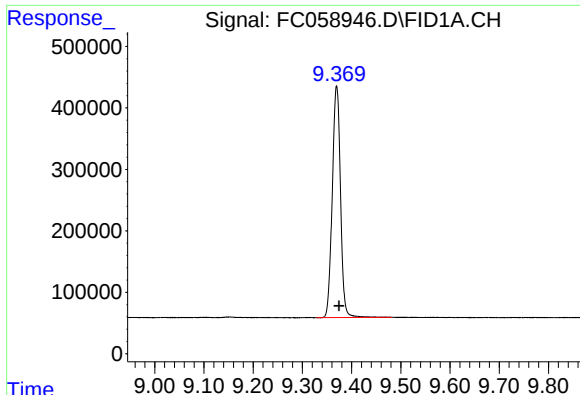
#4 n-Dodecane (C12)

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 3654825
Conc: 28.61 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.779 min
Delta R.T.: -0.004 min
Response: 3979747
Conc: 30.61 ug/ml



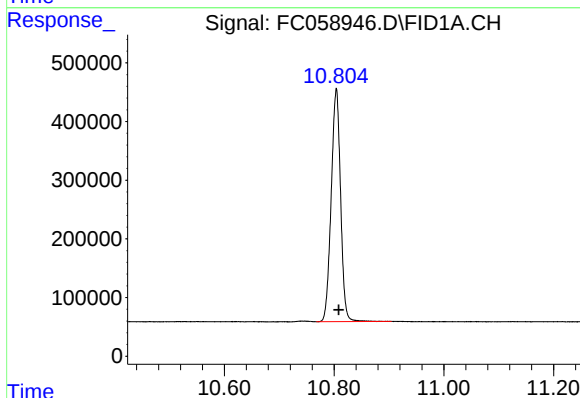
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.005 min
Response: 4376411
Conc: 32.96 ug/ml

Instrument :
FID_C
ClientSampleId :
PB143706BS

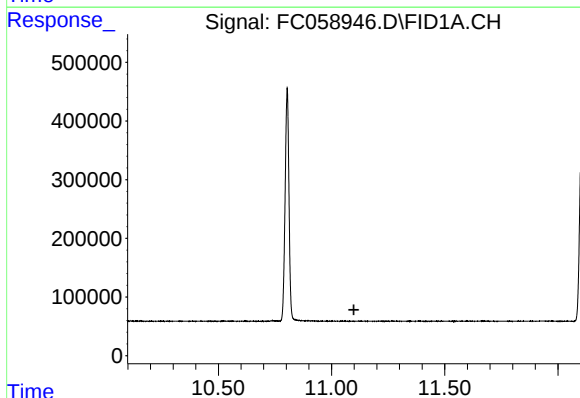
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/30/2022
Supervised By :mohammad ahmed 04/01/2022



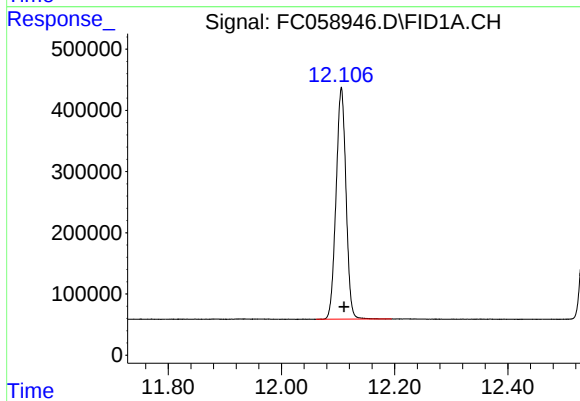
#8 n-Octadecane (C18)

R.T.: 10.804 min
Delta R.T.: -0.005 min
Response: 4703524
Conc: 35.38 ug/ml



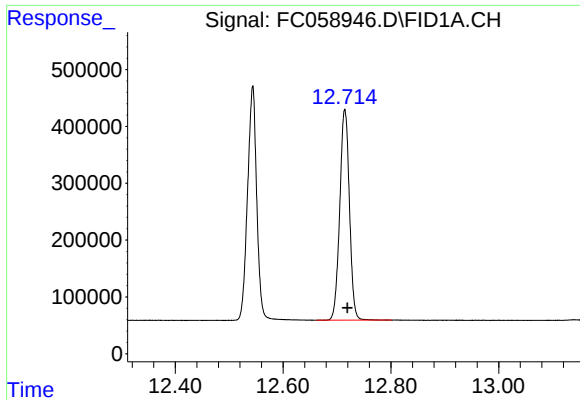
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.099 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.106 min
Delta R.T.: -0.005 min
Response: 4611948
Conc: 35.20 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.715 min
Delta R.T.: -0.005 min
Response: 4607334
Conc: 35.31 ug/ml

Instrument :

FID_C

ClientSampleId :

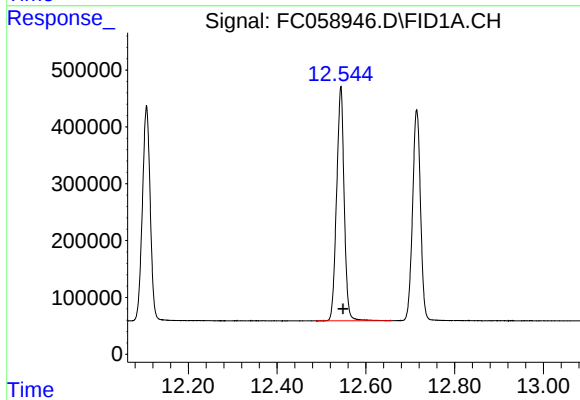
PB143706BS

Manual Integrations

APPROVED

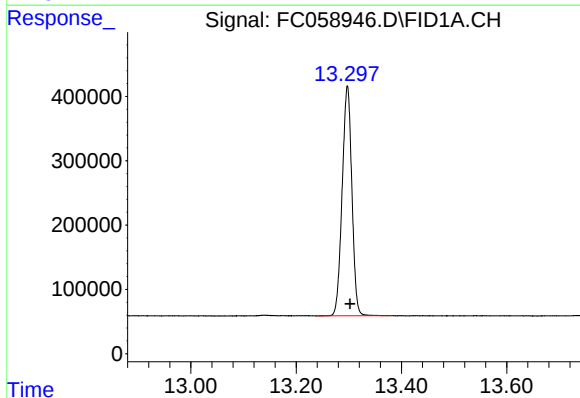
Reviewed By :Yogesh Patel 03/30/2022

Supervised By :mohammad ahmed 04/01/2022



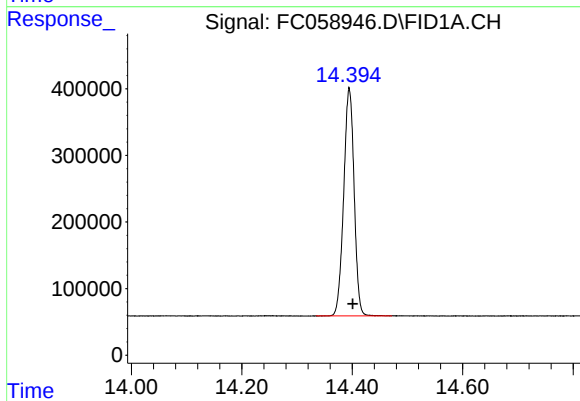
#12 1-chlorooctadecane (SURR)

R.T.: 12.543 min
Delta R.T.: -0.005 min
Response: 4892064
Conc: 43.64 ug/ml



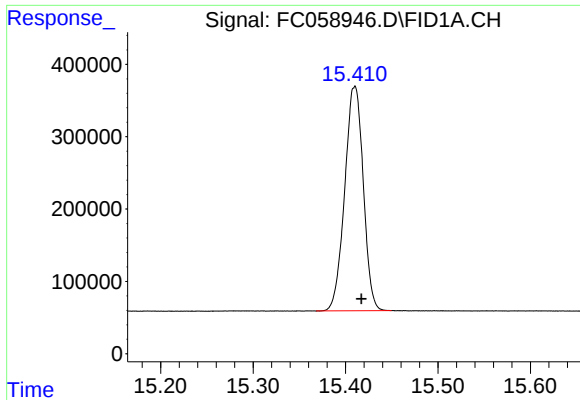
#13 n-Docosane (C22)

R.T.: 13.297 min
Delta R.T.: -0.005 min
Response: 4575409
Conc: 35.32 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.395 min
Delta R.T.: -0.006 min
Response: 4481520
Conc: 35.48 ug/ml



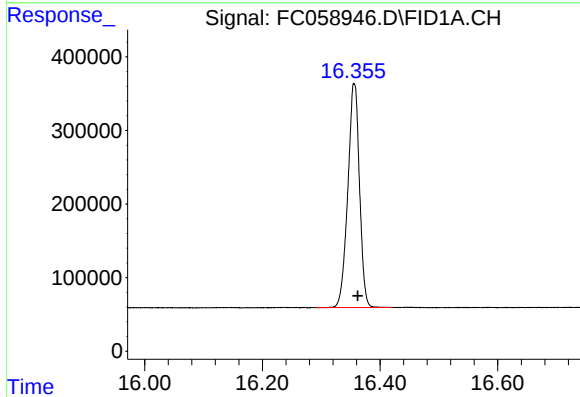
#15 n-Hexacosane (C26)

R.T.: 15.410 min
Delta R.T.: -0.007 min
Response: 4329116
Conc: 35.84 ug/ml

Instrument :
FID_C
ClientSampleId :
PB143706BS

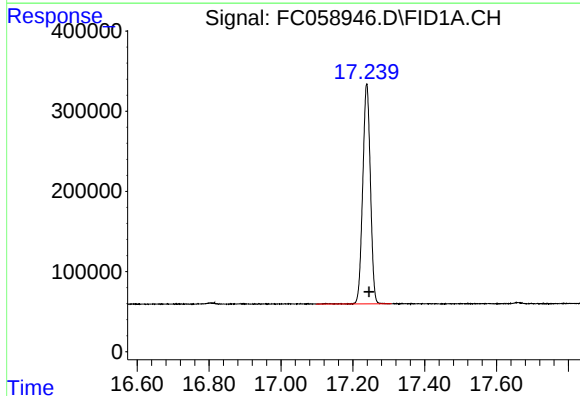
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/30/2022
Supervised By :mohammad ahmed 04/01/2022



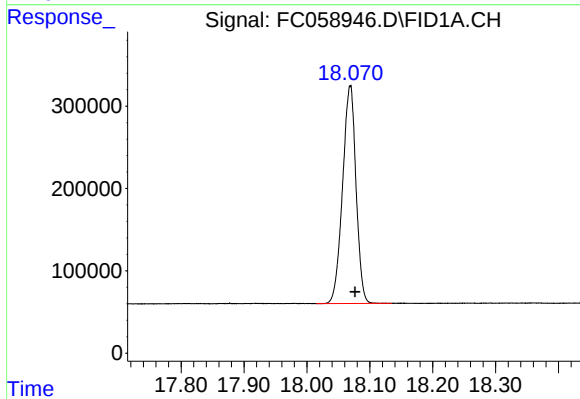
#16 n-Octacosane (C28)

R.T.: 16.356 min
Delta R.T.: -0.006 min
Response: 4197455
Conc: 35.45 ug/ml



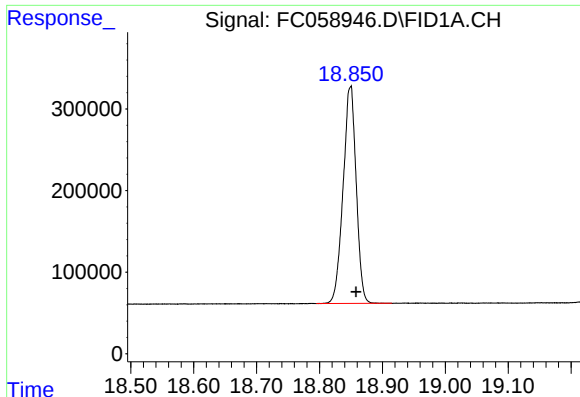
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: -0.007 min
Response: 4052570
Conc: 35.52 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: -0.008 min
Response: 3929831
Conc: 36.68 ug/ml



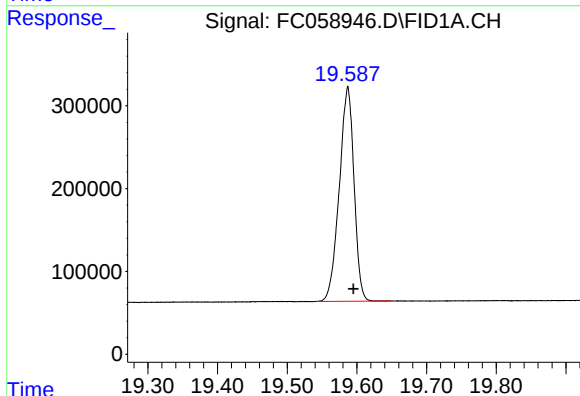
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: -0.009 min
Response: 3852700
Conc: 38.13 ug/ml

Instrument :
FID_C
ClientSampleId :
PB143706BS

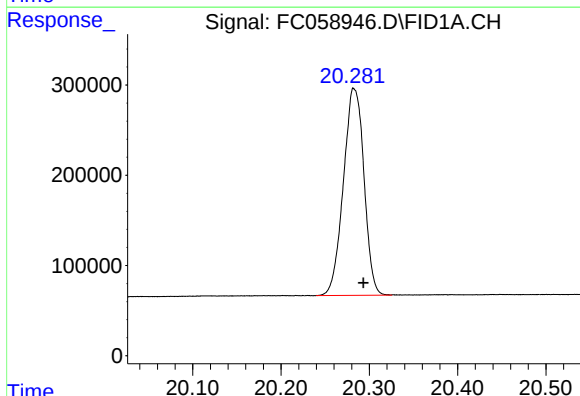
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/30/2022
Supervised By :mohammad ahmed 04/01/2022



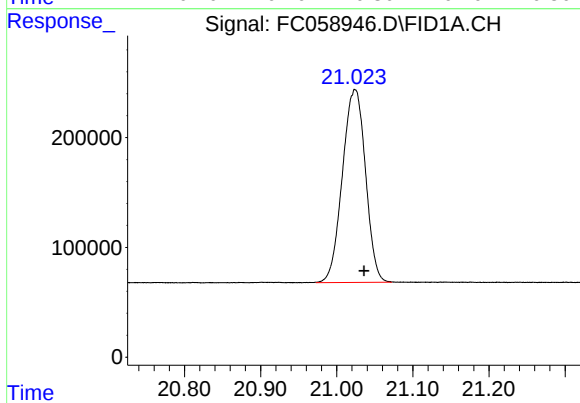
#20 n-Hexatriacontane (C36)

R.T.: 19.587 min
Delta R.T.: -0.008 min
Response: 3806786
Conc: 39.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.281 min
Delta R.T.: -0.012 min
Response: 3716267
Conc: 40.39 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.023 min
Delta R.T.: -0.013 min
Response: 3707456
Conc: 39.89 ug/ml m