

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058126.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jan 2022 15:50
 Operator : AJ\MA
 Sample : PB142283BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 02:32:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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			
9) S ortho-Terphenyl (SURR)	10.700	8321279	43.034 ug/ml
Spiked Amount 50.000		Recovery =	86.07%
12) S 1-chlorooctadecane (S...	12.137	6499722	44.100 ug/ml
Spiked Amount 50.000		Recovery =	88.20%
Target Compounds			
1) T n-Nonane (C9)	2.638	6480280	40.524 ug/ml
2) T n-Decane (C10)	3.624	6859599	42.678 ug/ml
3) T A~Naphthalene (C11.7)	5.157	8077161	44.482 ug/ml
4) T n-Dodecane (C12)	5.590	7307785	45.312 ug/ml
5) T A~2-methylnaphthalene...	6.198	7995248	43.722 ug/ml
6) T n-Tetradecane (C14)	7.373	7917568	47.958 ug/ml
7) T n-Hexadecane (C16)	8.962	8749189	52.378 ug/ml
8) T n-Octadecane (C18)	10.397	9034887	52.502 ug/ml
10) T n-Eicosane (C20)	11.700	8817709	51.507 ug/ml
11) T n-Heneicosane (C21)	12.308	8462967	48.941 ug/ml
13) T n-Docosane (C22)	12.891	8285011	47.889 ug/ml
14) T n-Tetracosane (C24)	13.988	8105793	46.825 ug/ml
15) T n-Hexacosane (C26)	15.008	7753639	46.073 ug/ml
16) T n-Octacosane (C28)	15.951	7749161	47.354 ug/ml
17) T n-Tricontane (C30)	16.837	7517920	48.153 ug/ml
18) T n-Dotriacontane (C32)	17.666	7231036	51.863 ug/ml
19) T n-Tetratriacontane (C34)	18.447	6761476	54.401 ug/ml
20) T n-Hexatriacontane (C36)	19.185	5860636	52.713 ug/mlm
21) T n-Octatriacontane (C38)	19.887	5424710	52.003 ug/mlm
22) T n-Tetracontane (C40)	20.712	5483400	57.267 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
Data File : FC058126.D
Signal(s) : FID1A.CH
Acq On : 26 Jan 2022 15:50
Operator : AJ\MA
Sample : PB142283BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

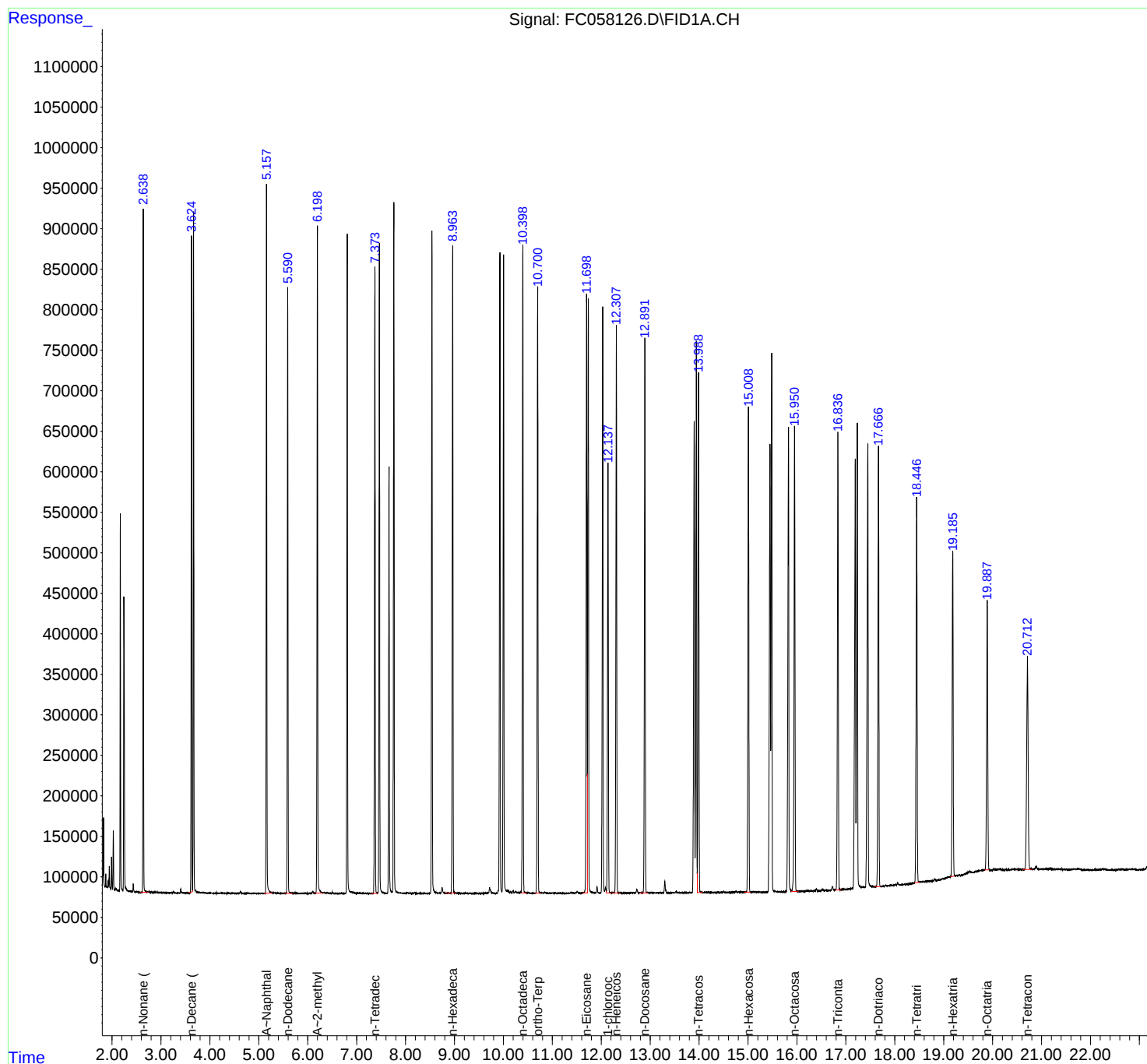
Instrument :
FID_C
ClientSampleId :

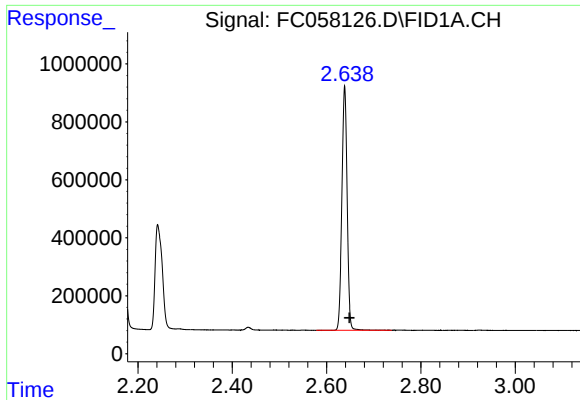
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/27/2022
Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
Quant Time: Jan 27 02:32:48 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
Quant Title : GC Extractables
QLast Update : Wed Jan 05 12:13:43 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





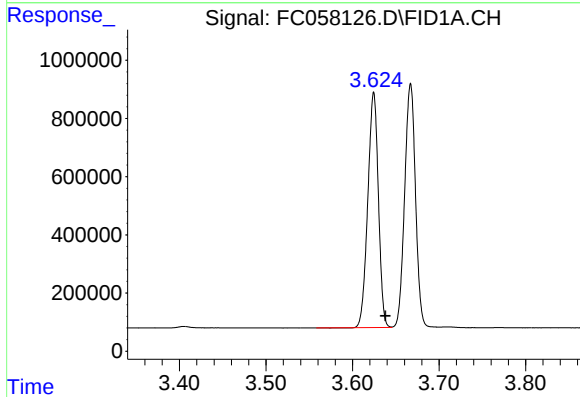
#1 n-Nonane (C9)

R.T.: 2.638 min
Delta R.T.: -0.010 min
Response: 6480280
Conc: 40.52 ug/ml

Instrument :
FID_C
ClientSampleId :

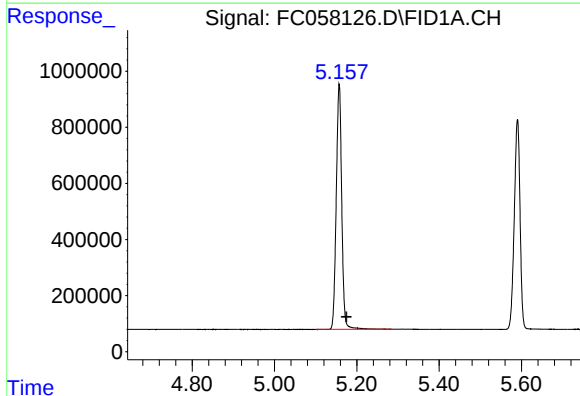
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/27/2022
Supervised By :mohammad ahmed 01/27/2022



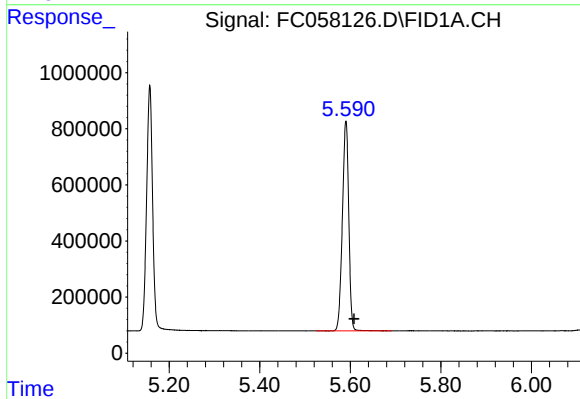
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 6859599
Conc: 42.68 ug/ml



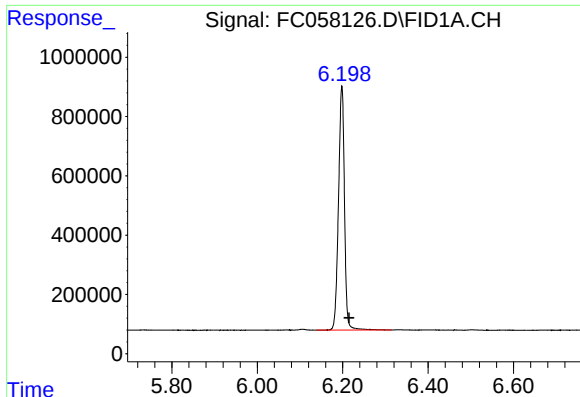
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.018 min
Response: 8077161
Conc: 44.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.590 min
Delta R.T.: -0.018 min
Response: 7307785
Conc: 45.31 ug/ml



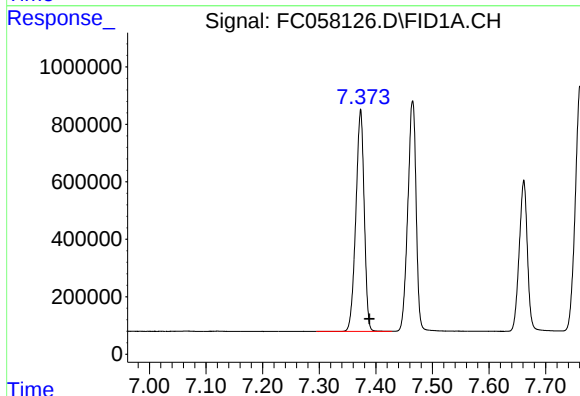
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.198 min
Delta R.T.: -0.017 min
Response: 7995248
Conc: 43.72 ug/ml

Instrument :
FID_C
ClientSampleId :

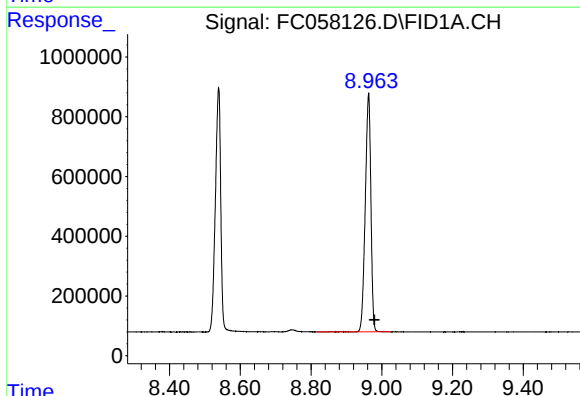
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/27/2022
Supervised By :mohammad ahmed 01/27/2022



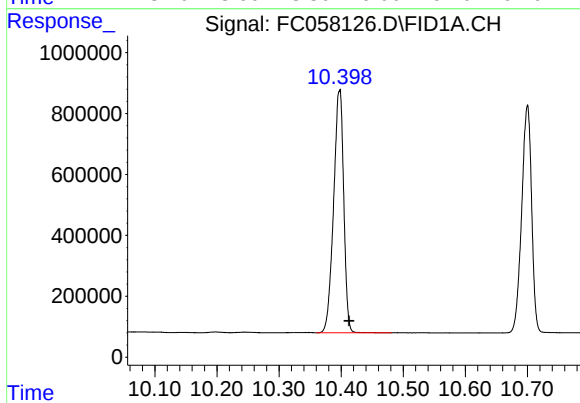
#6 n-Tetradecane (C14)

R.T.: 7.373 min
Delta R.T.: -0.016 min
Response: 7917568
Conc: 47.96 ug/ml



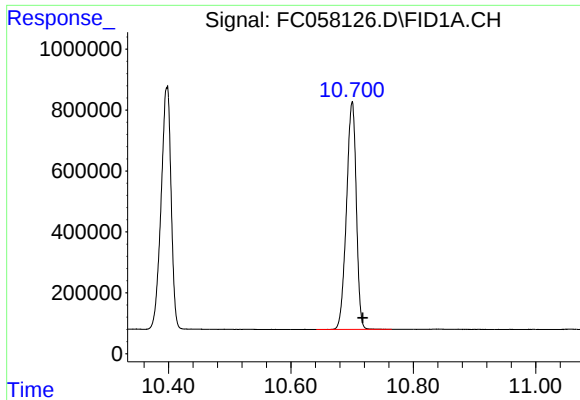
#7 n-Hexadecane (C16)

R.T.: 8.962 min
Delta R.T.: -0.017 min
Response: 8749189
Conc: 52.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.397 min
Delta R.T.: -0.016 min
Response: 9034887
Conc: 52.50 ug/ml



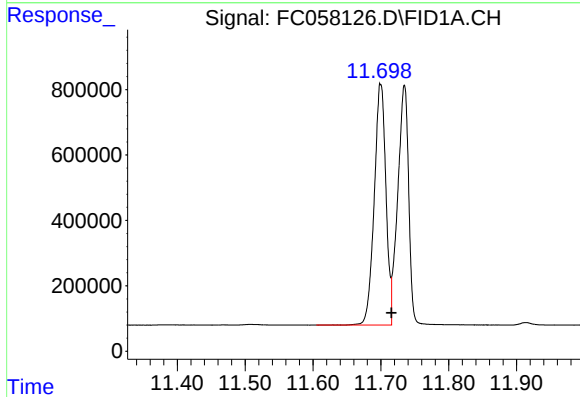
#9 ortho-Terphenyl (SURR)

R.T.: 10.700 min
Delta R.T.: -0.018 min
Response: 8321279
Conc: 43.03 ug/ml

Instrument :
FID_C
ClientSampleId :

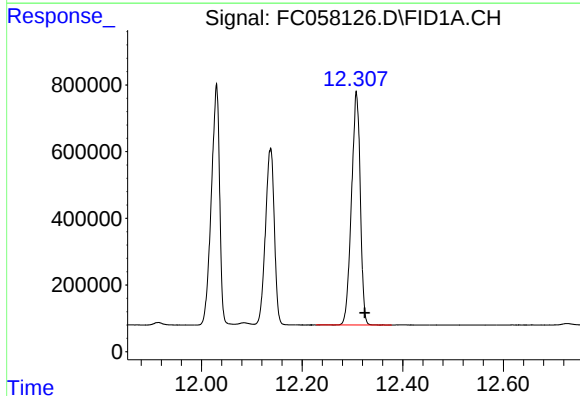
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/27/2022
Supervised By :mohammad ahmed 01/27/2022



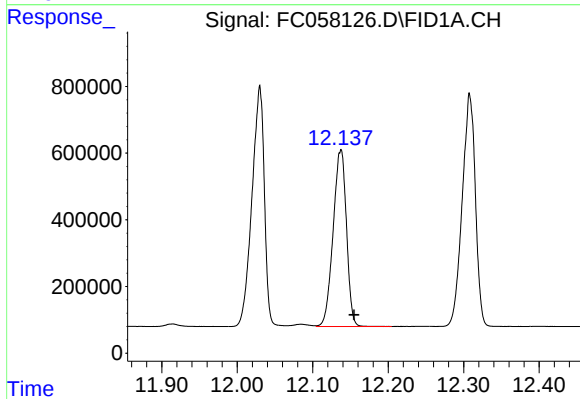
#10 n-Eicosane (C20)

R.T.: 11.700 min
Delta R.T.: -0.016 min
Response: 8817709
Conc: 51.51 ug/ml



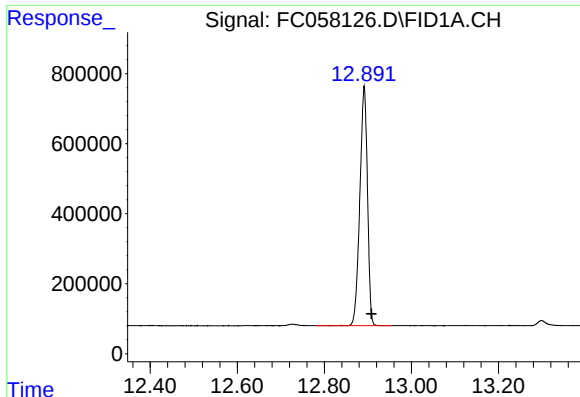
#11 n-Heneicosane (C21)

R.T.: 12.308 min
Delta R.T.: -0.017 min
Response: 8462967
Conc: 48.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.137 min
Delta R.T.: -0.018 min
Response: 6499722
Conc: 44.10 ug/ml



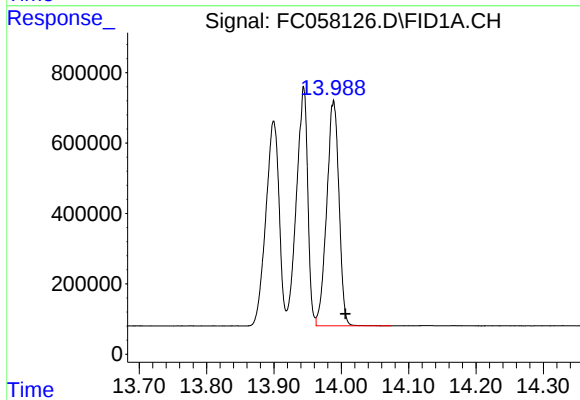
#13 n-Docosane (C22)

R.T.: 12.891 min
Delta R.T.: -0.017 min
Response: 8285011
Conc: 47.89 ug/ml

Instrument :
FID_C
ClientSampleId :

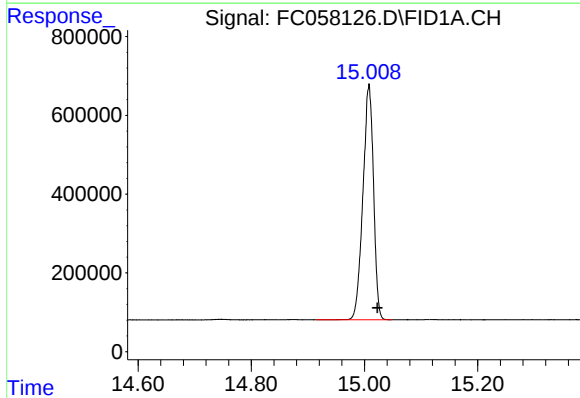
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/27/2022
Supervised By :mohammad ahmed 01/27/2022



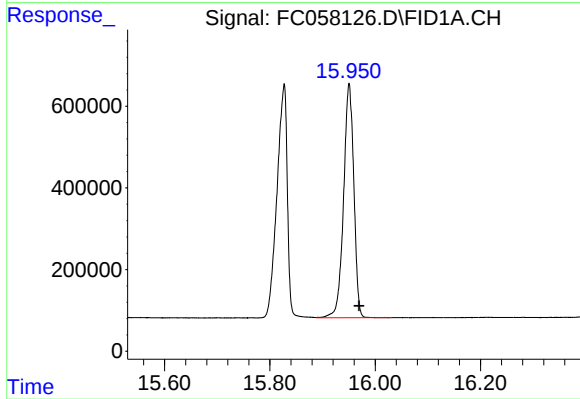
#14 n-Tetracosane (C24)

R.T.: 13.988 min
Delta R.T.: -0.018 min
Response: 8105793
Conc: 46.82 ug/ml



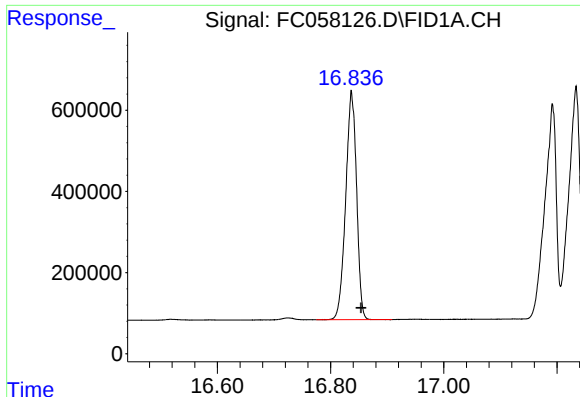
#15 n-Hexacosane (C26)

R.T.: 15.008 min
Delta R.T.: -0.015 min
Response: 7753639
Conc: 46.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.951 min
Delta R.T.: -0.019 min
Response: 7749161
Conc: 47.35 ug/ml



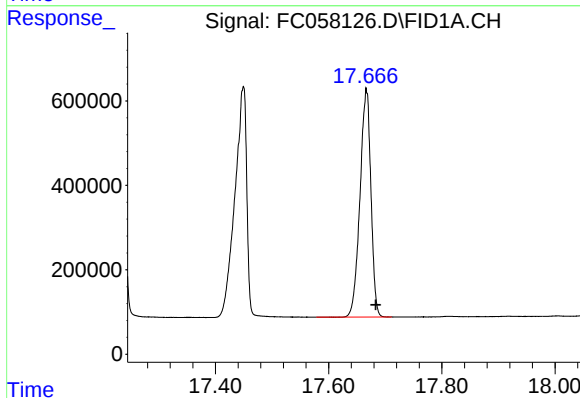
#17 n-Tricontane (C30)

R.T.: 16.837 min
Delta R.T.: -0.016 min
Response: 7517920
Conc: 48.15 ug/ml

Instrument :
FID_C
ClientSampleId :

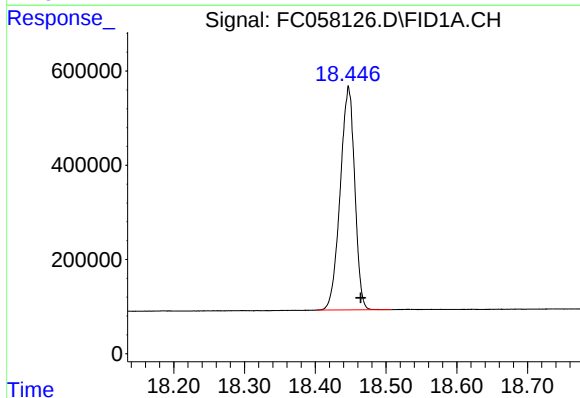
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/27/2022
Supervised By :mohammad ahmed 01/27/2022



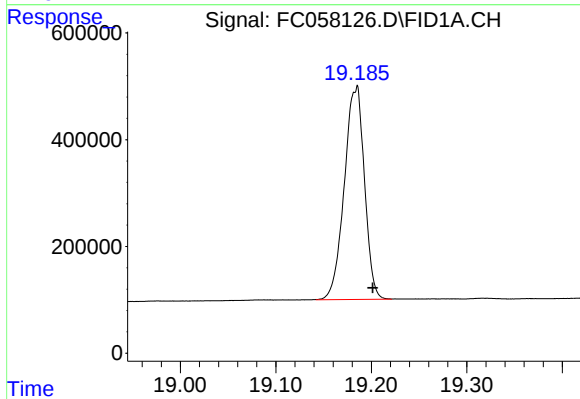
#18 n-Dotriacontane (C32)

R.T.: 17.666 min
Delta R.T.: -0.017 min
Response: 7231036
Conc: 51.86 ug/ml



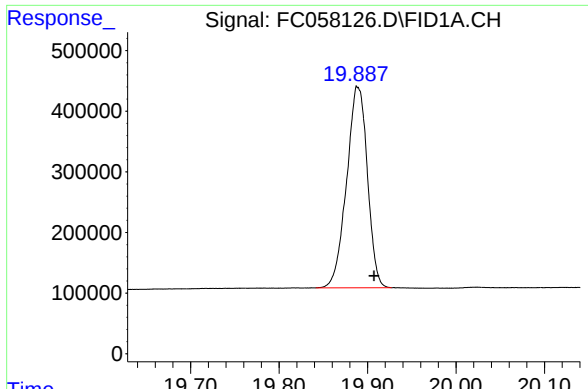
#19 n-Tetratriacontane (C34)

R.T.: 18.447 min
Delta R.T.: -0.018 min
Response: 6761476
Conc: 54.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.185 min
Delta R.T.: -0.016 min
Response: 5860636
Conc: 52.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.887 min
Delta R.T.: -0.020 min
Response: 5424710
Conc: 52.00 ug/ml

Instrument :

FID_C

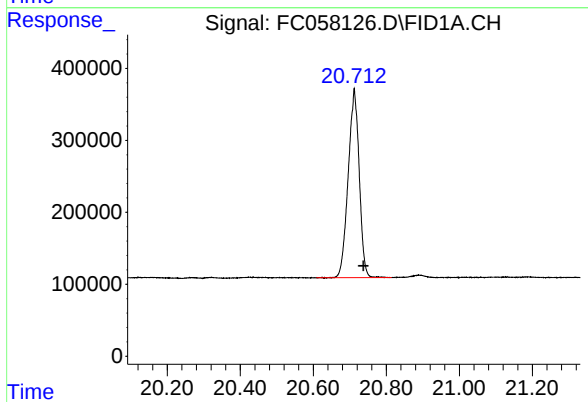
ClientSampleId :

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/27/2022

Supervised By :mohammad ahmed 01/27/2022



#22 n-Tetracontane (C40)

R.T.: 20.712 min
Delta R.T.: -0.025 min
Response: 5483400
Conc: 57.27 ug/ml