

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021324AL\
 Data File : FC065739.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 16:33
 Operator : YP/AJ
 Sample : PB158997BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB158997BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024

Integration File: autoint1.e

Quant Time: Feb 14 00:36:55 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M

Quant Title : GC Extractables

QLast Update : Thu Feb 08 13:26:08 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)	11.504	7129054	41.561 ug/ml
Spiked Amount 50.000		Recovery =	83.12%
12) S 1-chlorooctadecane (S...	12.935	5855514	46.528 ug/ml
Spiked Amount 50.000		Recovery =	93.06%
Target Compounds			
1) T n-Nonane (C9)	3.302	5354036	35.638 ug/ml
2) T n-Decane (C10)	4.360	5628017	37.016 ug/ml
3) T A~Naphthalene (C11.7)	5.943	6755189	43.805 ug/ml
4) T n-Dodecane (C12)	6.371	6276743	41.011 ug/ml
5) T A~2-methylnaphthalene...	6.997	7130656	50.075 ug/ml
6) T n-Tetradecane (C14)	8.162	7023668	47.308 ug/ml
7) T n-Hexadecane (C16)	9.755	7123735	47.503 ug/ml
8) T n-Octadecane (C18)	11.190	7273594	47.154 ug/ml
10) T n-Eicosane (C20)	12.493	7350619	48.881 ug/ml
11) T n-Heneicosane (C21)	13.102	7129985	47.674 ug/ml
13) T n-Docosane (C22)	13.685	7131094	48.076 ug/ml
14) T n-Tetracosane (C24)	14.782	15596881	104.899 ug/ml
15) T n-Hexacosane (C26)	15.800	7124251	48.075 ug/ml
16) T n-Octacosane (C28)	16.744	7621653	51.943 ug/ml
17) T n-Tricontane (C30)	17.630	7270214	48.431 ug/ml
18) T n-Dotriacontane (C32)	18.456	7274393	49.189 ug/ml
19) T n-Tetratriacontane (C34)	19.235	6957333	48.001 ug/mlm
20) T n-Hexatriacontane (C36)	19.972	6662146	46.935 ug/ml
21) T n-Octatriacontane (C38)	20.691	6493193	45.872 ug/mlm
22) T n-Tetracontane (C40)	21.566	6351005	45.531 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021324AL\
Data File : FC065739.D
Signal(s) : FID1A.ch
Acq On : 13 Feb 2024 16:33
Operator : YP/AJ
Sample : PB158997BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

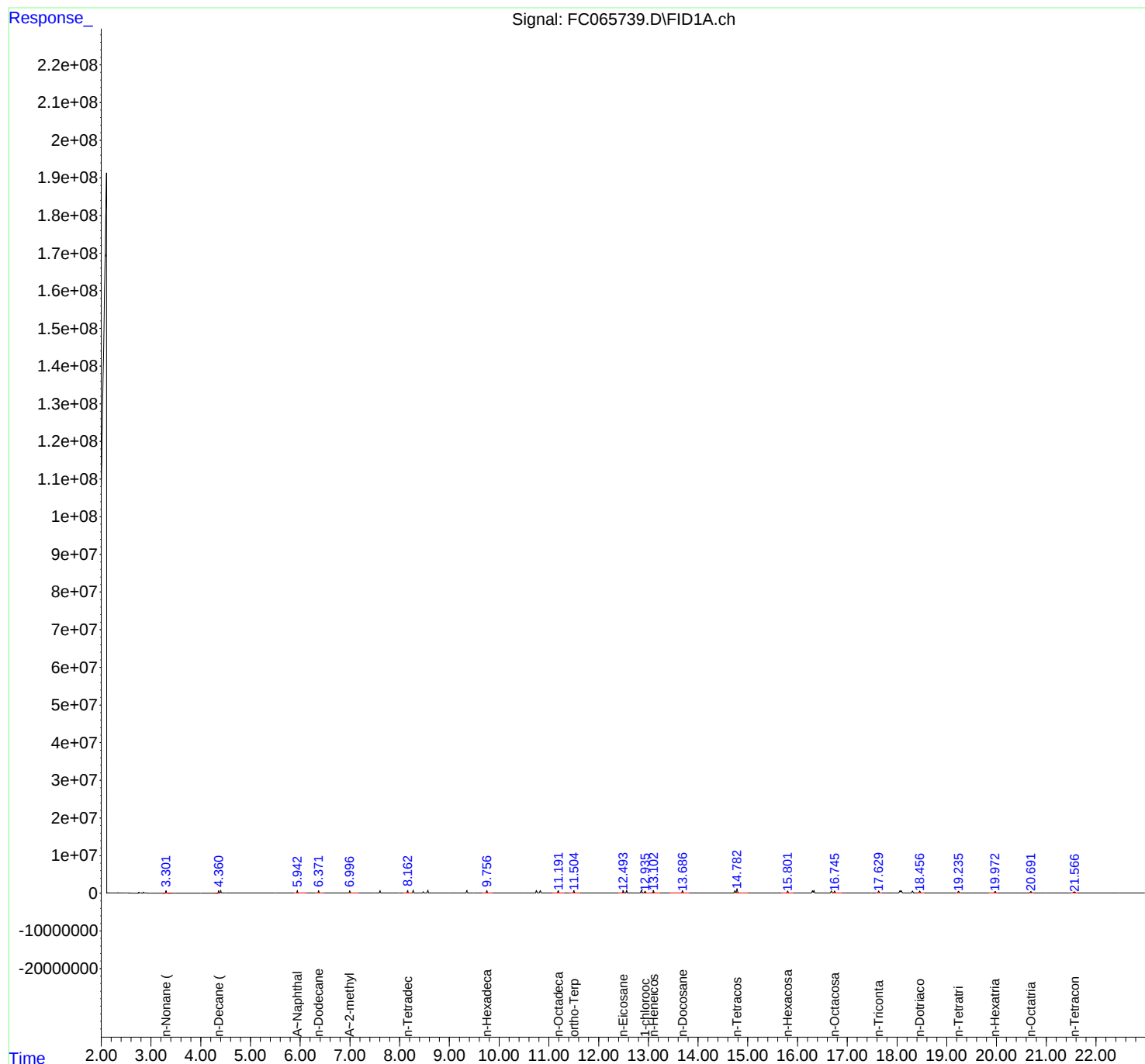
Instrument :
FID_C
ClientSampleId :
PB158997BSD

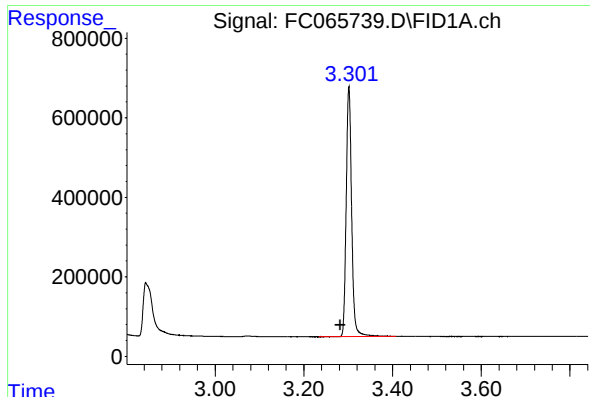
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Integration File: autoint1.e
Quant Time: Feb 14 00:36:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
Quant Title : GC Extractables
QLast Update : Thu Feb 08 13:26:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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





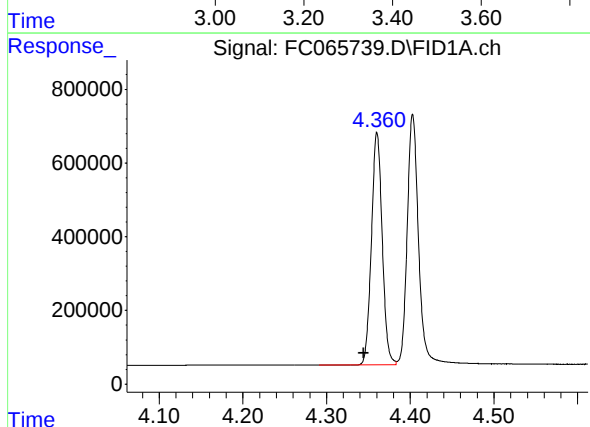
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.020 min
Response: 5354036
Conc: 35.64 ug/ml

Instrument :
FID_C
ClientSampleId :
PB158997BSD

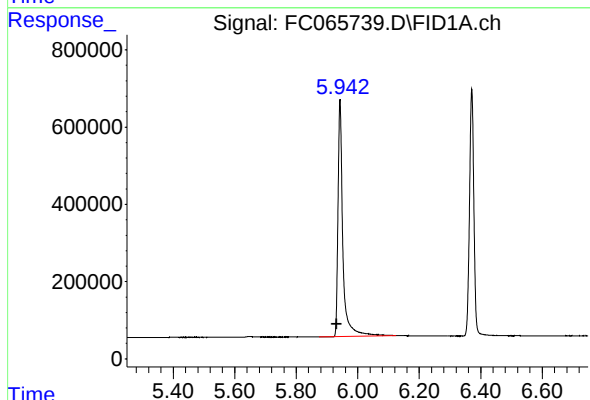
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



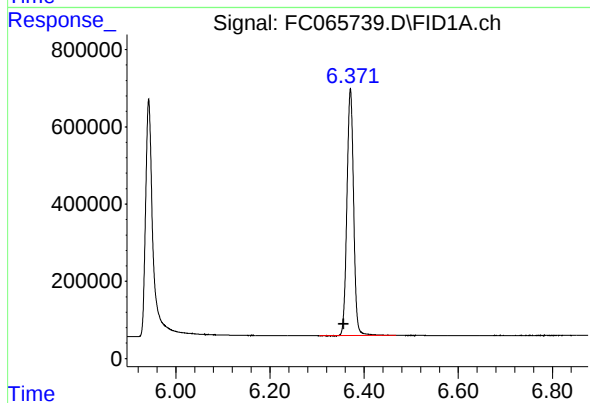
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.016 min
Response: 5628017
Conc: 37.02 ug/ml



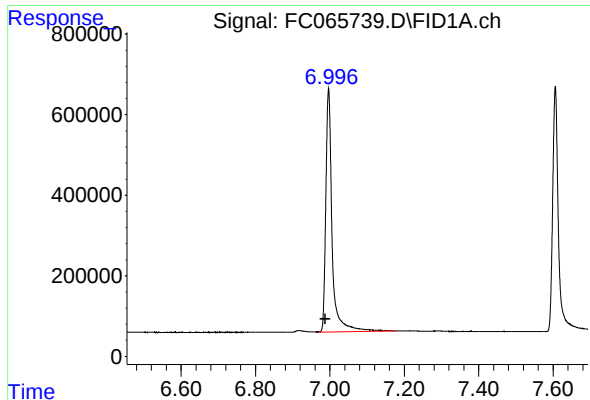
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: 0.011 min
Response: 6755189
Conc: 43.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: 0.014 min
Response: 6276743
Conc: 41.01 ug/ml



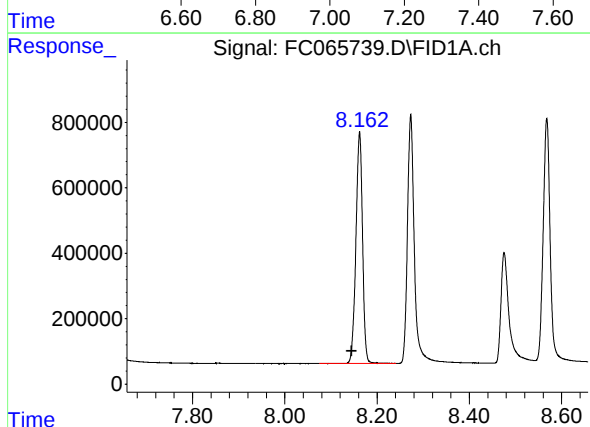
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: 0.010 min
Response: 7130656
Conc: 50.08 ug/ml

Instrument :
FID_C
ClientSampleId :
PB158997BSD

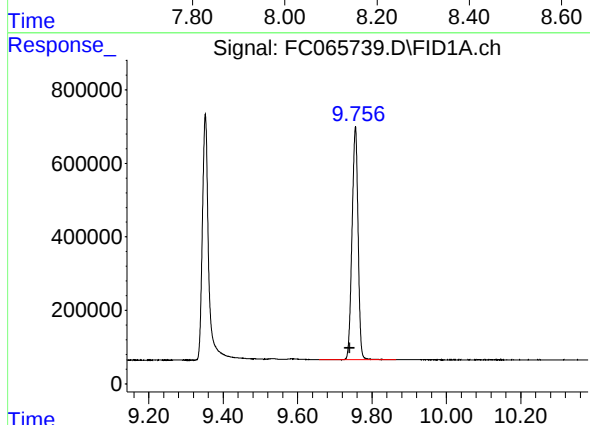
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



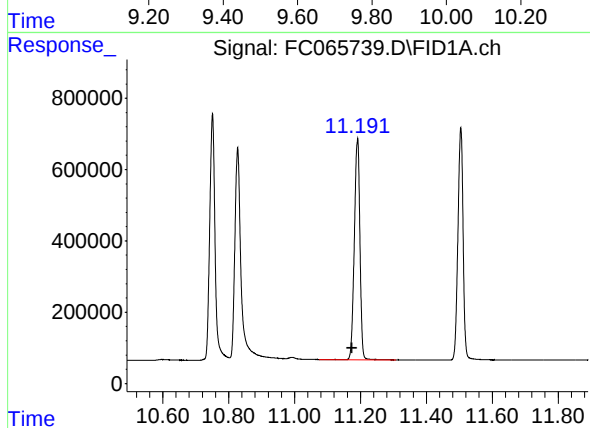
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.017 min
Response: 7023668
Conc: 47.31 ug/ml



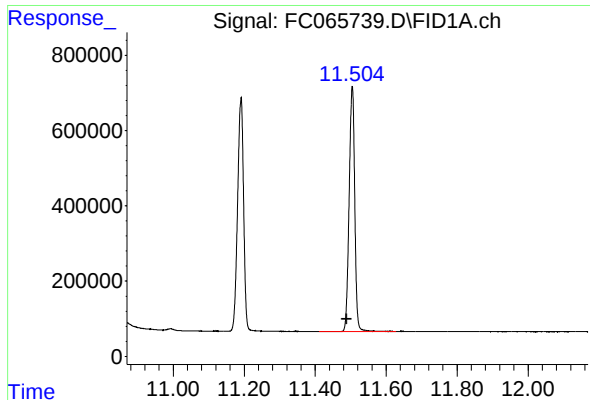
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.014 min
Response: 7123735
Conc: 47.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.016 min
Response: 7273594
Conc: 47.15 ug/ml



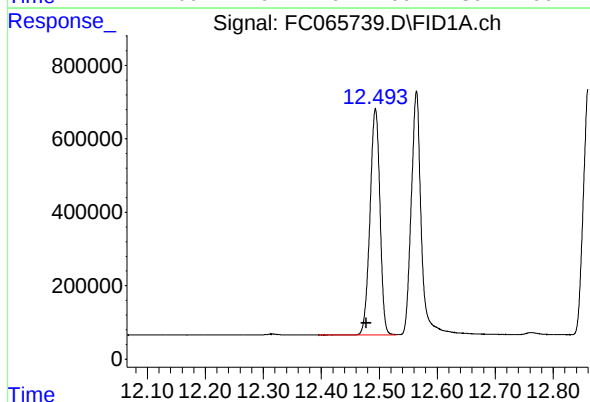
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.015 min
Response: 7129054
Conc: 41.56 ug/ml

Instrument :
FID_C
ClientSampleId :
PB158997BSD

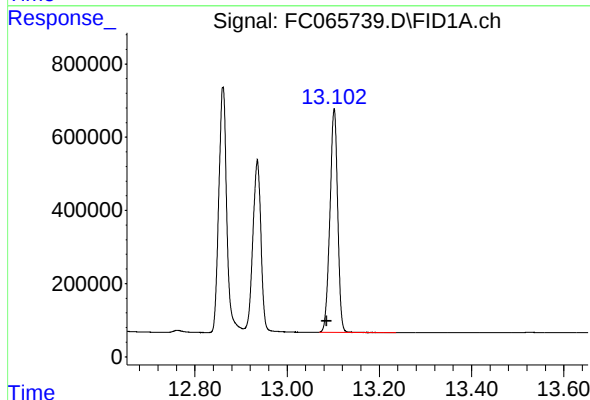
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



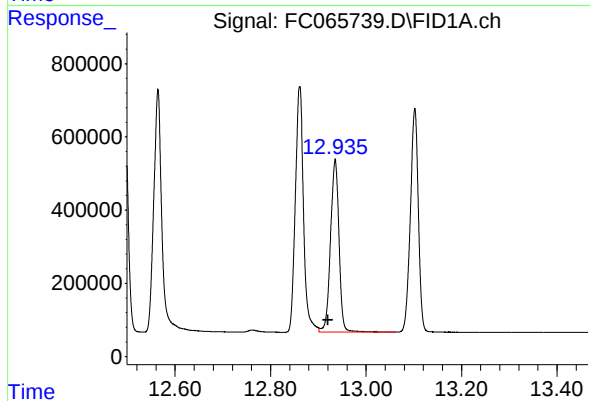
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.015 min
Response: 7350619
Conc: 48.88 ug/ml



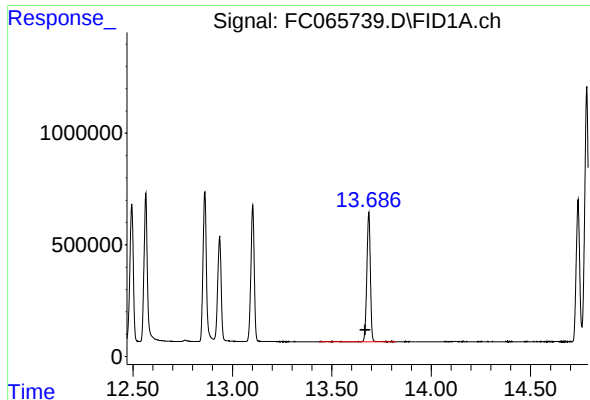
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.015 min
Response: 7129985
Conc: 47.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.935 min
Delta R.T.: 0.015 min
Response: 5855514
Conc: 46.53 ug/ml



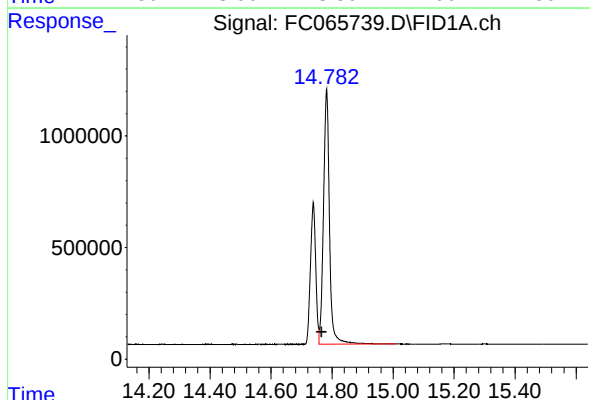
#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: 0.016 min
Response: 7131094
Conc: 48.08 ug/ml

Instrument :
FID_C
ClientSampleId :
PB158997BSD

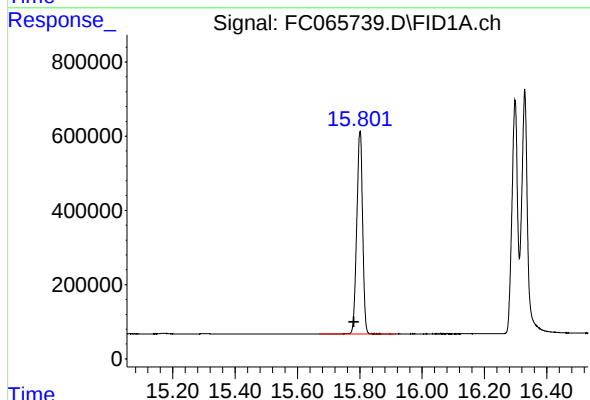
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



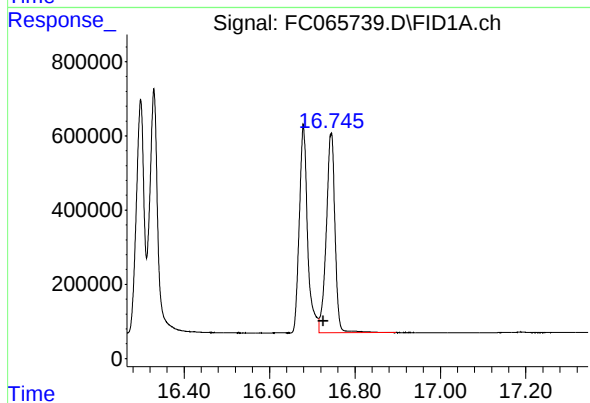
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: 0.016 min
Response: 15596881
Conc: 104.90 ug/ml



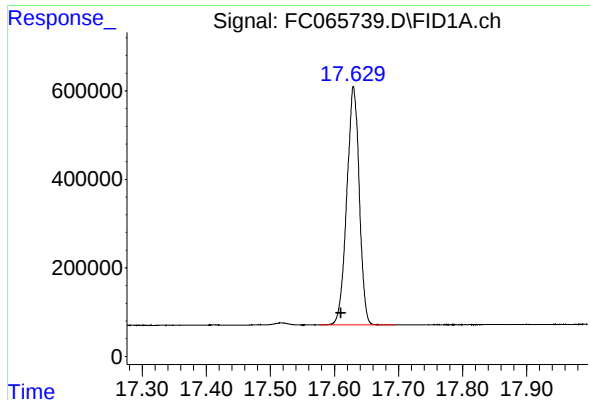
#15 n-Hexacosane (C26)

R.T.: 15.800 min
Delta R.T.: 0.019 min
Response: 7124251
Conc: 48.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.744 min
Delta R.T.: 0.018 min
Response: 7621653
Conc: 51.94 ug/ml



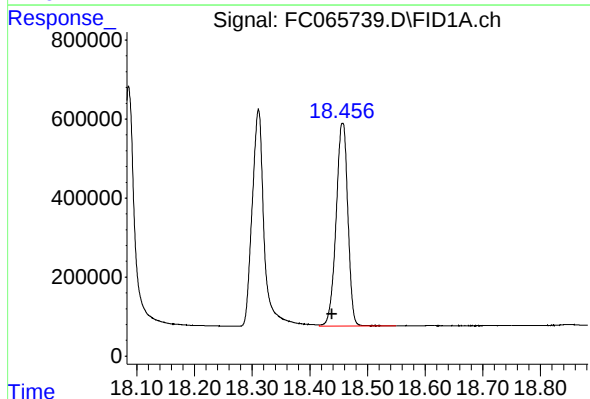
#17 n-Tricontane (C30)

R.T.: 17.630 min
Delta R.T.: 0.020 min
Response: 7270214
Conc: 48.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB158997BSD

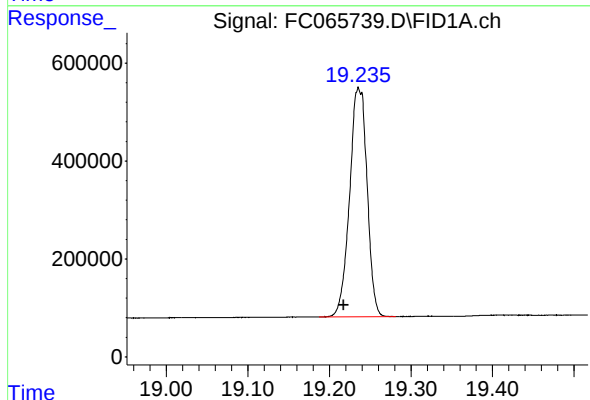
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



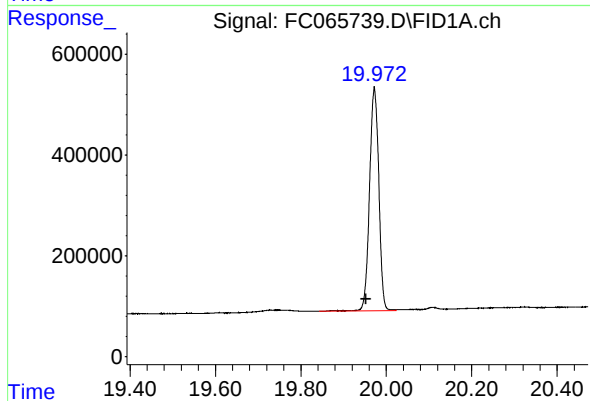
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: 0.018 min
Response: 7274393
Conc: 49.19 ug/ml



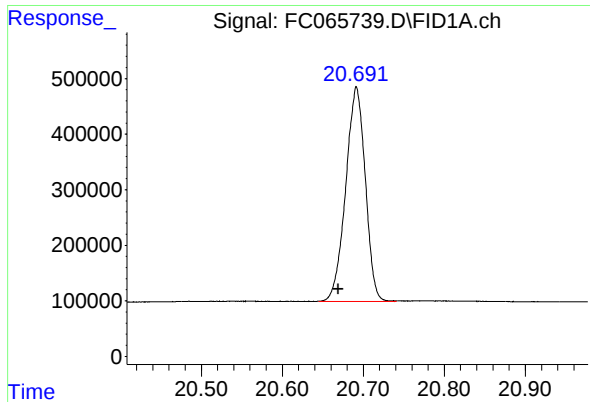
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.017 min
Response: 6957333
Conc: 48.00 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.972 min
Delta R.T.: 0.019 min
Response: 6662146
Conc: 46.93 ug/ml



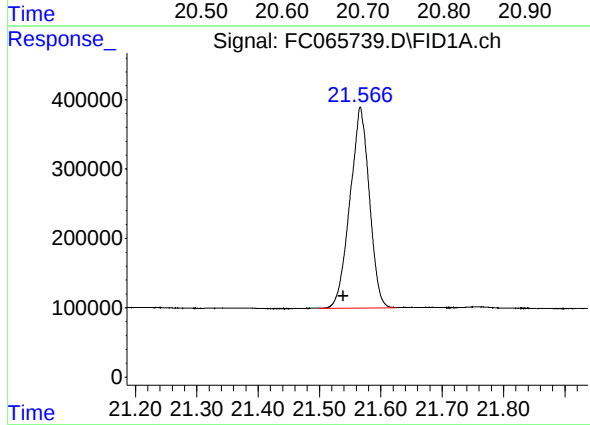
#21 n-Octatriacontane (C38)

R.T.: 20.691 min
Delta R.T.: 0.022 min
Response: 6493193
Conc: 45.87 ug/ml

Instrument :
FID_C
ClientSampleId :
PB158997BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#22 n-Tetracontane (C40)

R.T.: 21.566 min
Delta R.T.: 0.028 min
Response: 6351005
Conc: 45.53 ug/ml m