

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120324AL\
 Data File : FC067907.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2024 16:12
 Operator : YP/AJ
 Sample : P5052-16MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-640-184MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2024
 Supervised By :Ankita Jodhani 12/04/2024

Integration File: autoint1.e
 Quant Time: Dec 03 23:01:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.503	4501202	23.217 ug/ml
Spiked Amount 50.000		Recovery =	46.43%
12) S 1-chlorooctadecane (S...	12.940	3568982	24.586 ug/ml
Spiked Amount 50.000		Recovery =	49.17%
Target Compounds			
1) T n-Nonane (C9)	3.292	2843384	17.432 ug/ml
2) T n-Decane (C10)	4.355	3455304	20.836 ug/ml
3) T A~Naphthalene (C11.7)	5.930	4178360	22.813 ug/ml
4) T n-Dodecane (C12)	6.366	3886436	23.075 ug/ml
5) T A~2-methylnaphthalene...	6.983	3999584	22.552 ug/ml
6) T n-Tetradecane (C14)	8.157	4161761	24.851 ug/ml
7) T n-Hexadecane (C16)	9.753	4292609	24.770 ug/ml
8) T n-Octadecane (C18)	11.191	4426674	25.160 ug/ml
10) T n-Eicosane (C20)	12.498	4493534	26.686 ug/ml
11) T n-Heneicosane (C21)	13.108	4303025	26.152 ug/ml
13) T n-Docosane (C22)	13.693	4277968	26.269 ug/ml
14) T n-Tetracosane (C24)	14.762	8555263	53.343 ug/mlm
15) T n-Hexacosane (C26)	15.813	4074237	26.309 ug/ml
16) T n-Octacosane (C28)	16.759	3957837	26.207 ug/ml
17) T n-Tricontane (C30)	17.647	3993230	26.081 ug/ml
18) T n-Dotriacontane (C32)	18.477	3915397	26.511 ug/ml
19) T n-Tetratriacontane (C34)	19.259	3781681	29.982 ug/ml
20) T n-Hexatriacontane (C36)	19.995	3681503	35.200 ug/mlm
21) T n-Octatriacontane (C38)	20.720	3579247	36.641 ug/ml
22) T n-Tetracontane (C40)	21.605	3536491	36.284 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120324AL\
Data File : FC067907.D
Signal(s) : FID1A.ch
Acq On : 03 Dec 2024 16:12
Operator : YP/AJ
Sample : P5052-16MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

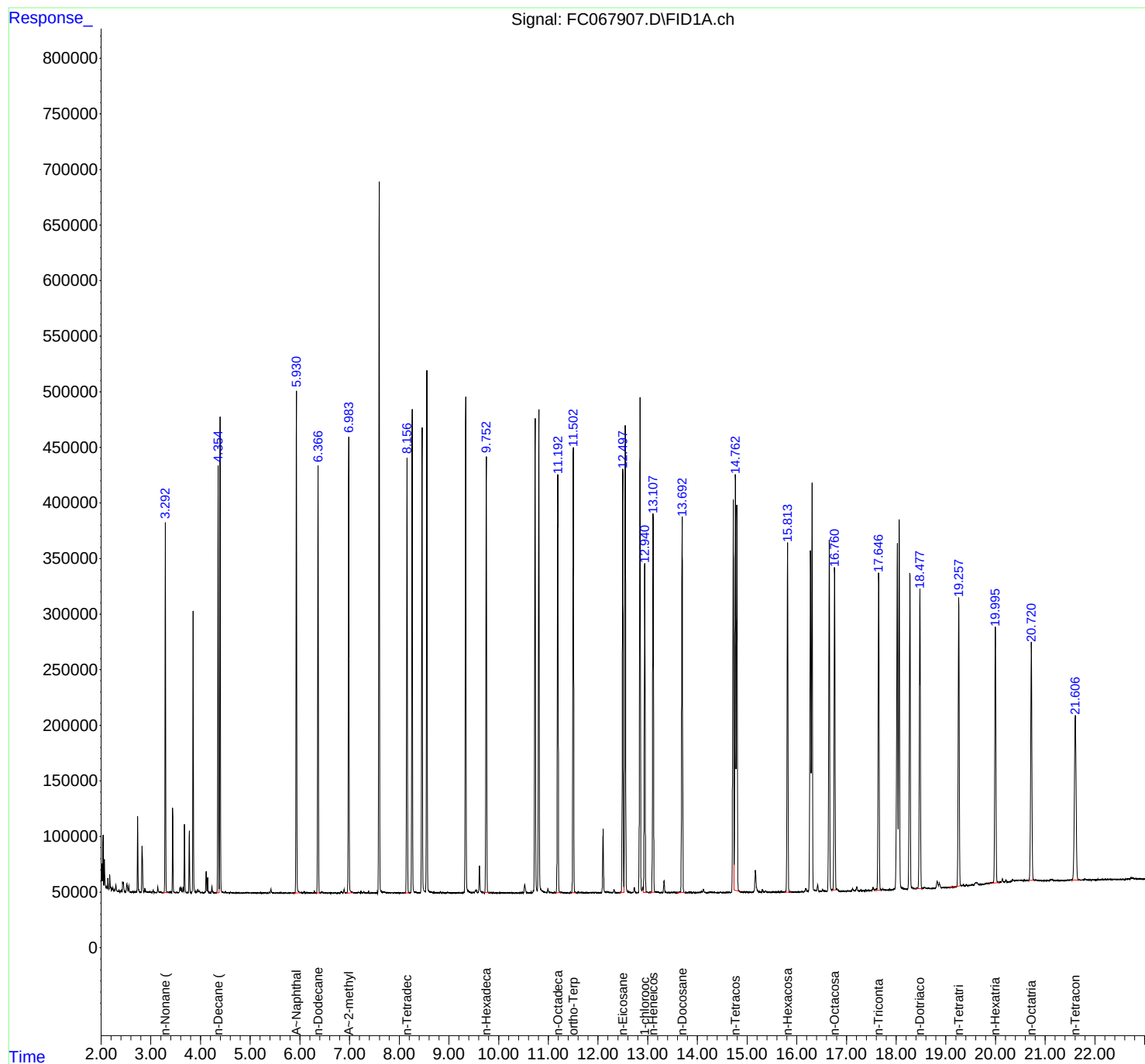
Instrument :
FID_C
ClientSampleId :
OR-640-184MS

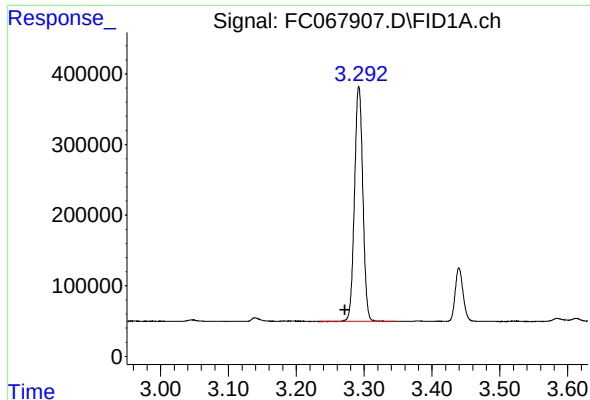
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024

Integration File: autoint1.e
Quant Time: Dec 03 23:01:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 14:13:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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





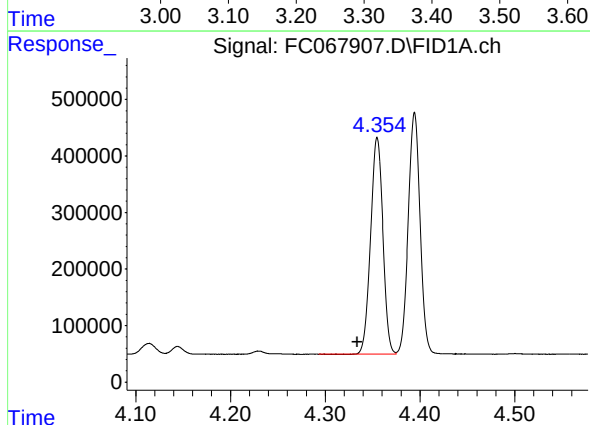
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: 0.020 min
Response: 2843384
Conc: 17.43 ug/ml

Instrument :
FID_C
ClientSampleId :
OR-640-184MS

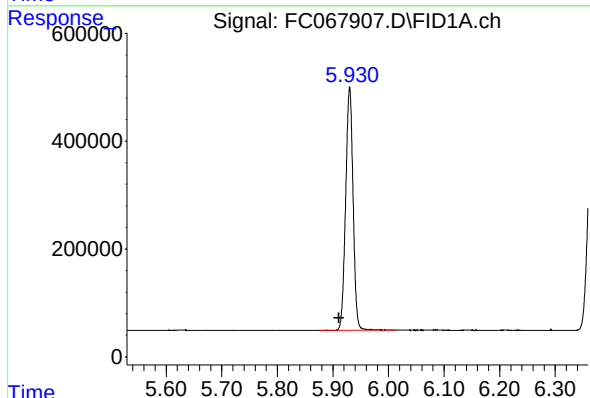
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024



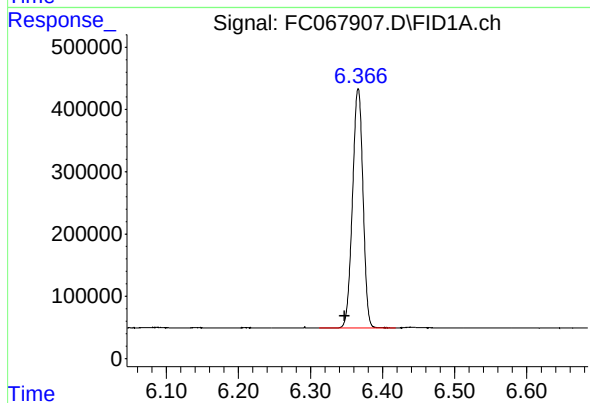
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.021 min
Response: 3455304
Conc: 20.84 ug/ml



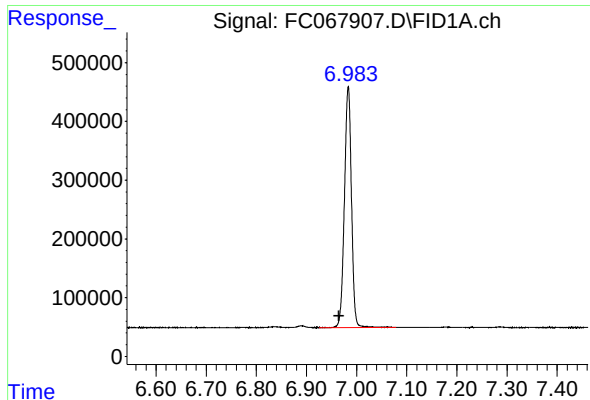
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.019 min
Response: 4178360
Conc: 22.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.019 min
Response: 3886436
Conc: 23.07 ug/ml



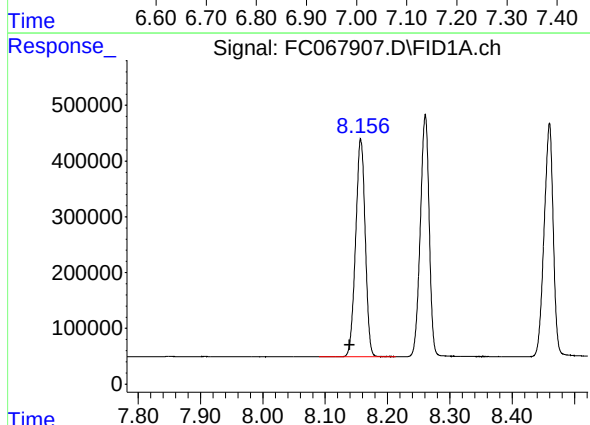
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.018 min
Response: 3999584
Conc: 22.55 ug/ml

Instrument :
FID_C
ClientSampleId :
OR-640-184MS

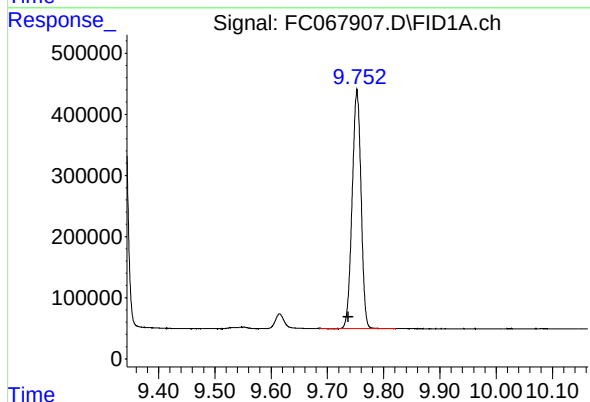
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024



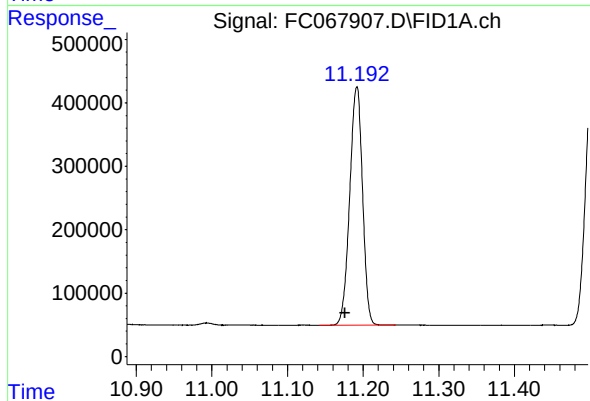
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.018 min
Response: 4161761
Conc: 24.85 ug/ml



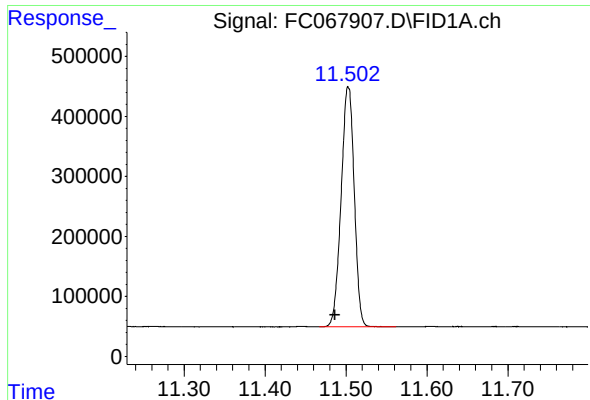
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.015 min
Response: 4292609
Conc: 24.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: 0.015 min
Response: 4426674
Conc: 25.16 ug/ml



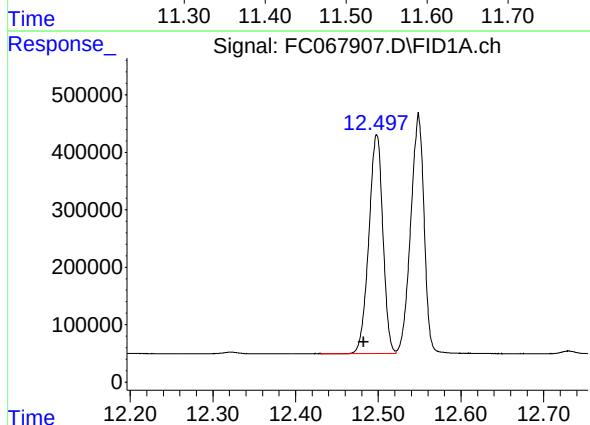
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: 0.016 min
Response: 4501202
Conc: 23.22 ug/ml

Instrument :
FID_C
ClientSampleId :
OR-640-184MS

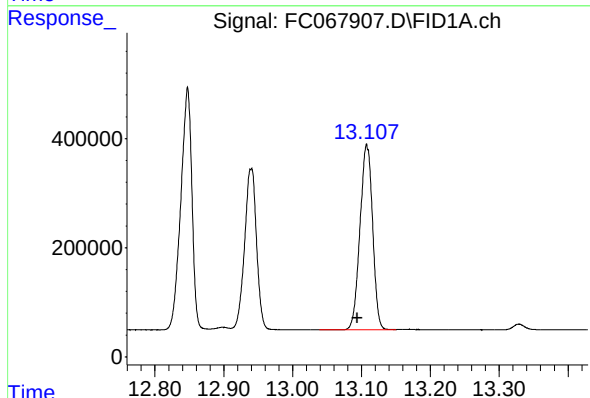
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024



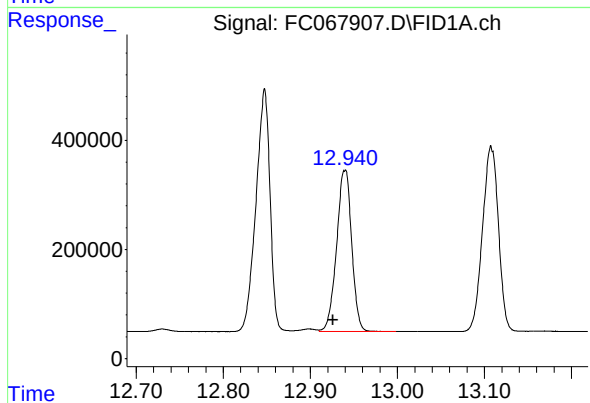
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.016 min
Response: 4493534
Conc: 26.69 ug/ml



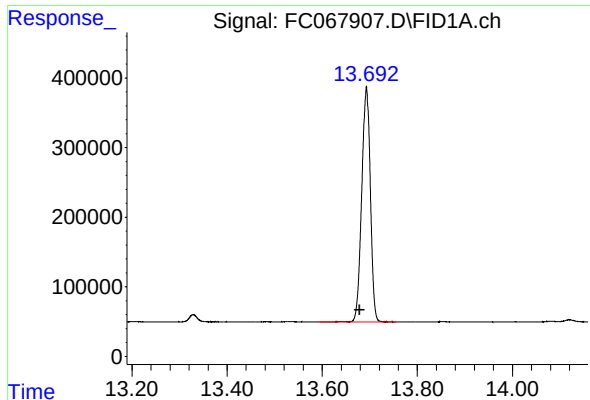
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.014 min
Response: 4303025
Conc: 26.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.014 min
Response: 3568982
Conc: 24.59 ug/ml



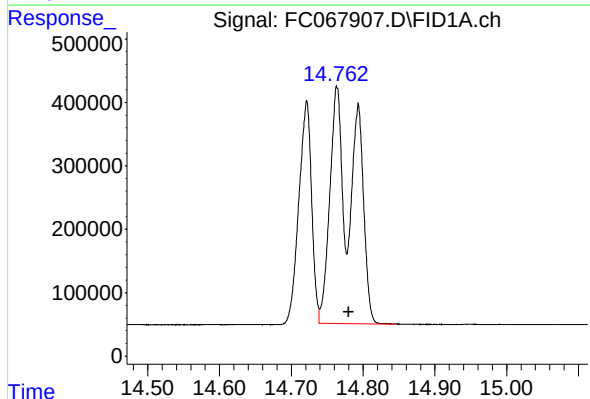
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: 0.014 min
Response: 4277968
Conc: 26.27 ug/ml

Instrument :
FID_C
ClientSampleId :
OR-640-184MS

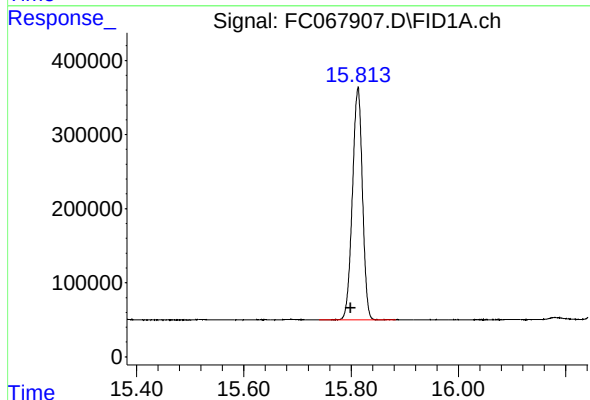
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024



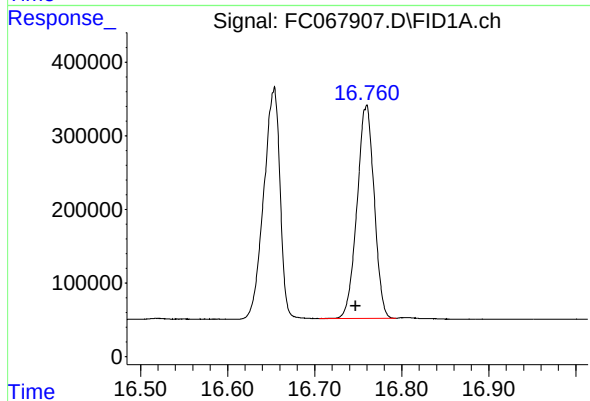
#14 n-Tetracosane (C24)

R.T.: 14.762 min
Delta R.T.: -0.018 min
Response: 8555263
Conc: 53.34 ug/ml



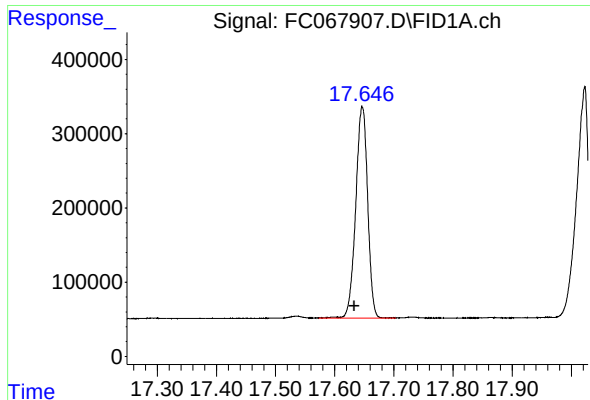
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.013 min
Response: 4074237
Conc: 26.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: 0.012 min
Response: 3957837
Conc: 26.21 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.013 min
Response: 3993230
Conc: 26.08 ug/ml

Instrument :

FID_C

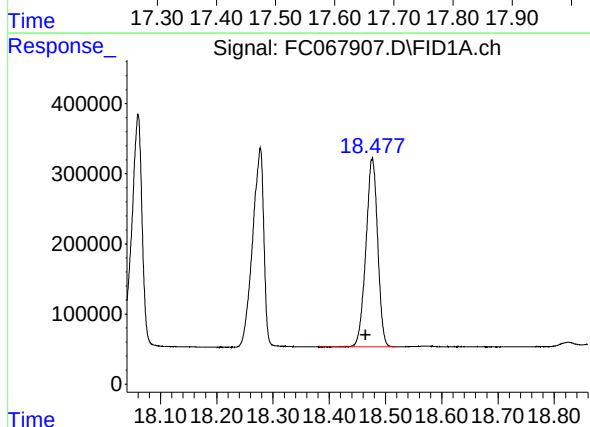
ClientSampleId :

OR-640-184MS

Manual Integrations

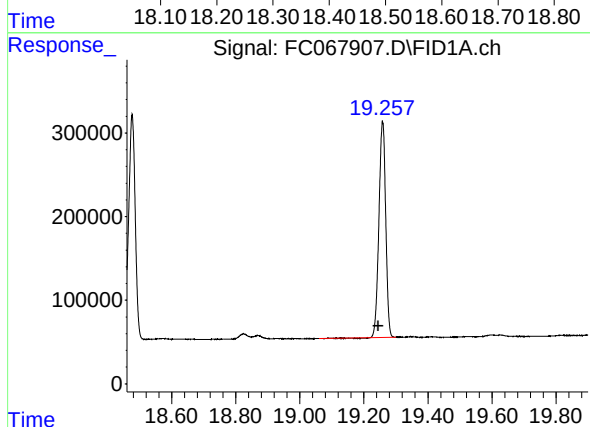
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024



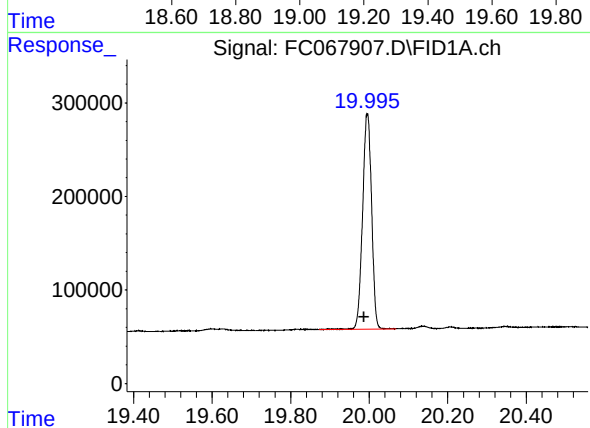
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.012 min
Response: 3915397
Conc: 26.51 ug/ml



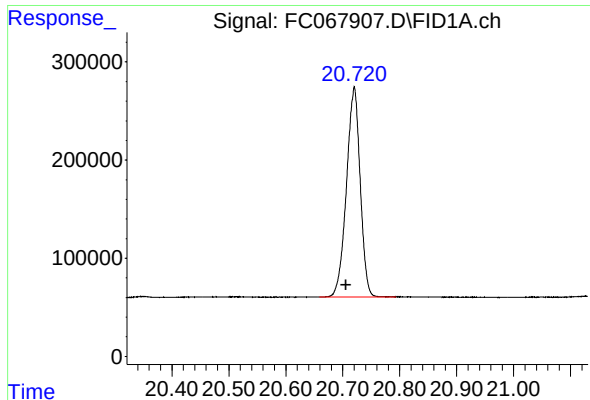
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.013 min
Response: 3781681
Conc: 29.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: 0.009 min
Response: 3681503
Conc: 35.20 ug/ml m



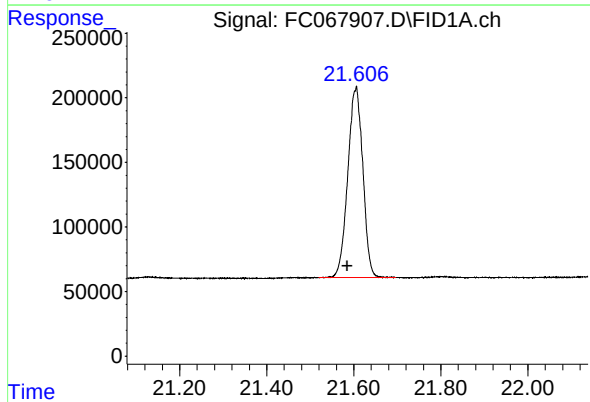
#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.015 min
Response: 3579247
Conc: 36.64 ug/ml

Instrument :
FID_C
ClientSampleId :
OR-640-184MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: 0.019 min
Response: 3536491
Conc: 36.28 ug/ml