

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112024AL\
 Data File : FC067832.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2024 17:31
 Operator : YP/AJ
 Sample : P4925-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

MH-741MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/21/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e

Quant Time: Nov 21 01:07:25 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)	11.504	5055763	26.077 ug/ml
Spiked Amount 50.000		Recovery =	52.15%
12) S 1-chlorooctadecane (S...	12.940	4041252	27.840 ug/ml
Spiked Amount 50.000		Recovery =	55.68%
Target Compounds			
1) T n-Nonane (C9)	3.290	4607544	28.247 ug/ml
2) T n-Decane (C10)	4.352	5178582	31.228 ug/ml
3) T A~Naphthalene (C11.7)	5.927	5982289	32.662 ug/mlm
4) T n-Dodecane (C12)	6.364	5658734	33.597 ug/ml
5) T A~2-methylnaphthalene...	6.982	6269665	35.351 ug/ml
6) T n-Tetradecane (C14)	8.157	6151571	36.732 ug/ml
7) T n-Hexadecane (C16)	9.753	6493953	37.473 ug/ml
8) T n-Octadecane (C18)	11.193	6615303	37.600 ug/ml
10) T n-Eicosane (C20)	12.500	6580832	39.082 ug/ml
11) T n-Heneicosane (C21)	13.110	6220703	37.807 ug/ml
13) T n-Docosane (C22)	13.695	6101204	37.464 ug/ml
14) T n-Tetracosane (C24)	14.768	11783866	73.474 ug/mlm
15) T n-Hexacosane (C26)	15.816	5654583	36.514 ug/mlm
16) T n-Octacosane (C28)	16.763	5502042	36.432 ug/ml
17) T n-Tricontane (C30)	17.650	5429797	35.464 ug/ml
18) T n-Dotriacontane (C32)	18.479	5316575	35.998 ug/ml
19) T n-Tetratriacontane (C34)	19.261	5149507	40.827 ug/ml
20) T n-Hexatriacontane (C36)	20.001	4883238	46.691 ug/ml
21) T n-Octatriacontane (C38)	20.722	4793097	49.067 ug/ml
22) T n-Tetracontane (C40)	21.607	4795251	49.199 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112024AL\
Data File : FC067832.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 17:31
Operator : YP/AJ
Sample : P4925-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

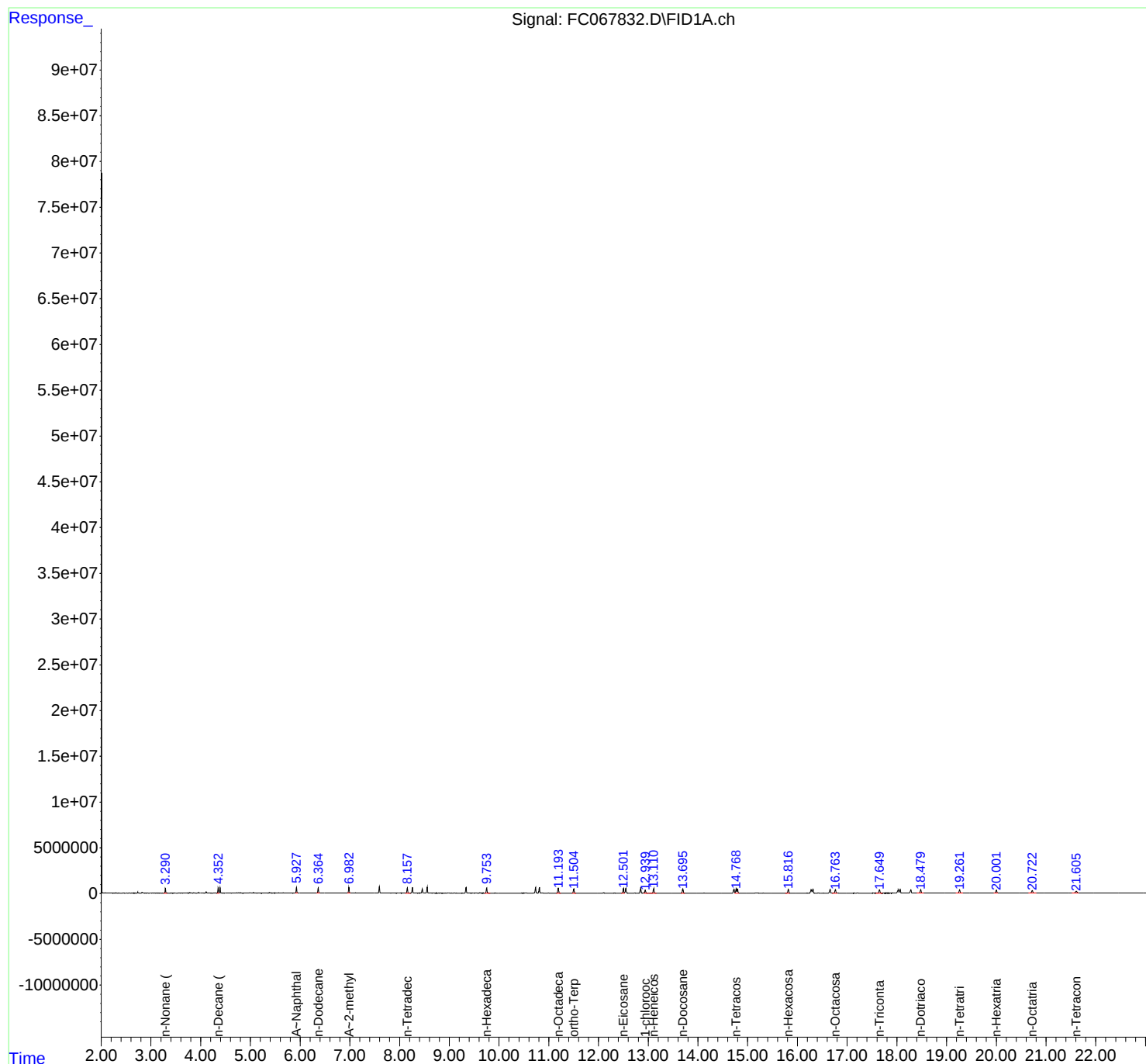
Instrument :
FID_C
ClientSampleId :
MH-741MS

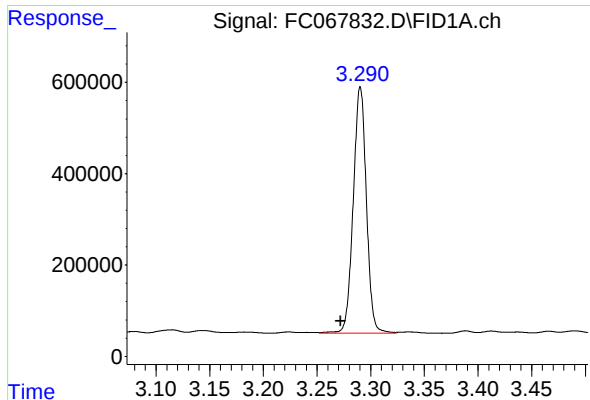
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
Quant Time: Nov 21 01:07:25 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





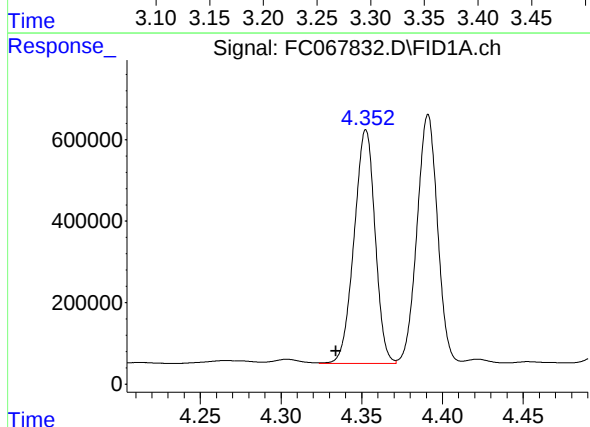
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: 0.018 min
Response: 4607544
Conc: 28.25 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-741MS

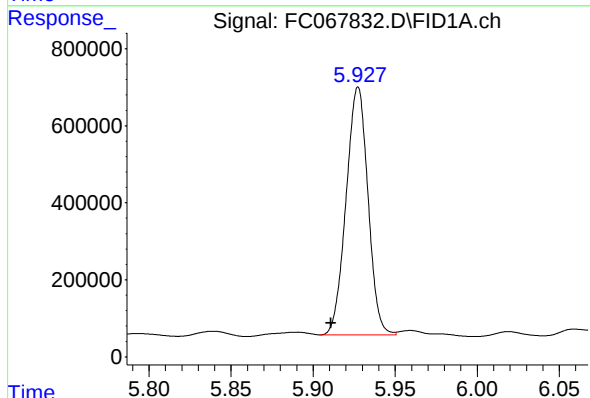
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024



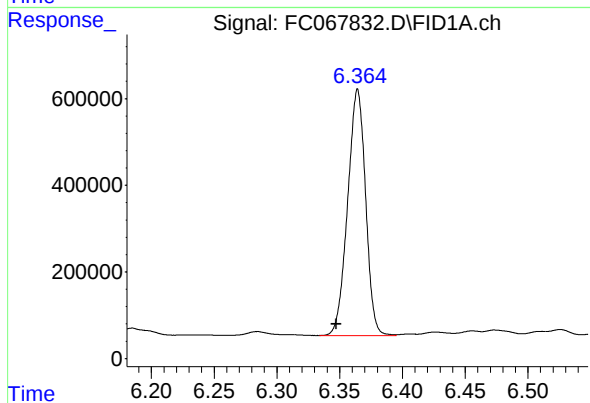
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.018 min
Response: 5178582
Conc: 31.23 ug/ml



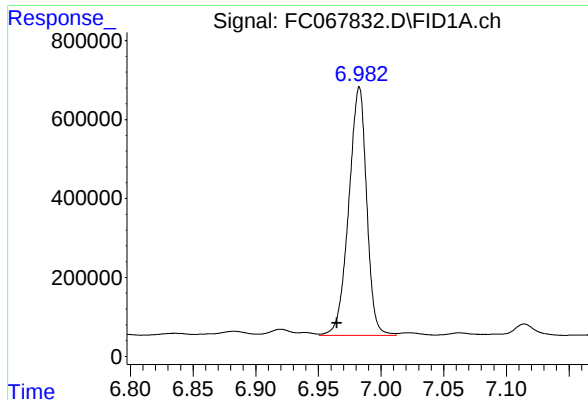
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: 0.016 min
Response: 5982289
Conc: 32.66 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.017 min
Response: 5658734
Conc: 33.60 ug/ml



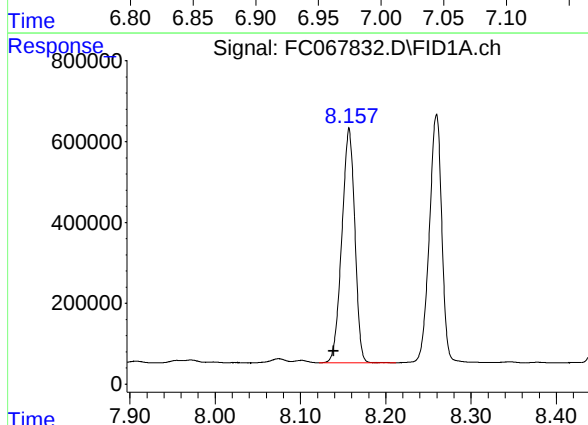
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.017 min
Response: 6269665
Conc: 35.35 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-741MS

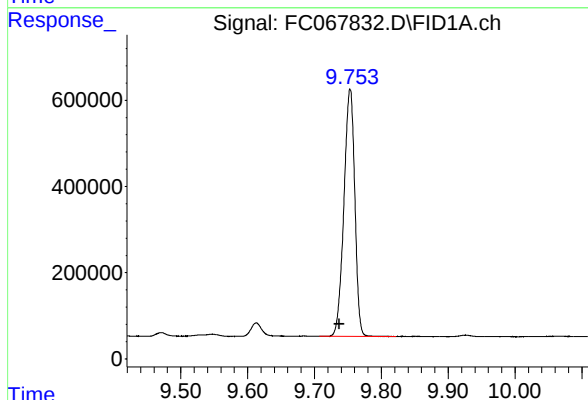
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024



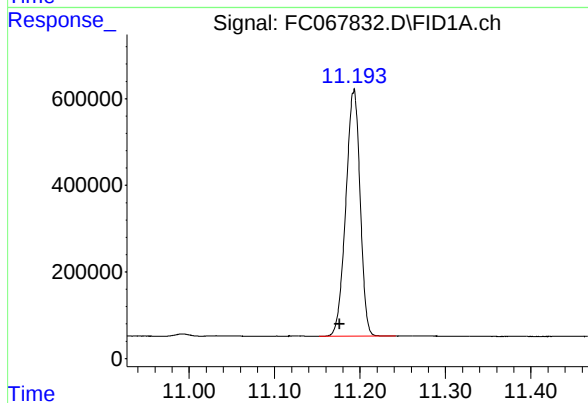
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.018 min
Response: 6151571
Conc: 36.73 ug/ml



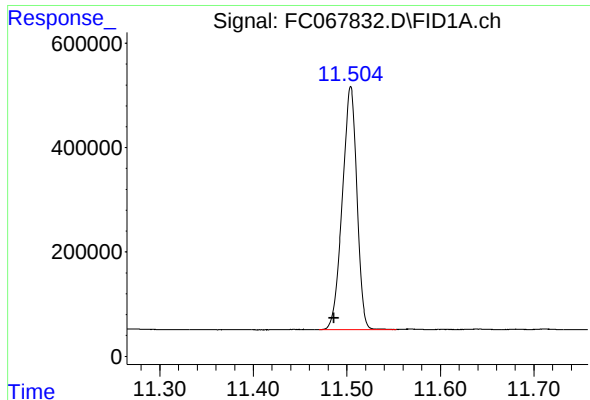
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.016 min
Response: 6493953
Conc: 37.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.017 min
Response: 6615303
Conc: 37.60 ug/ml



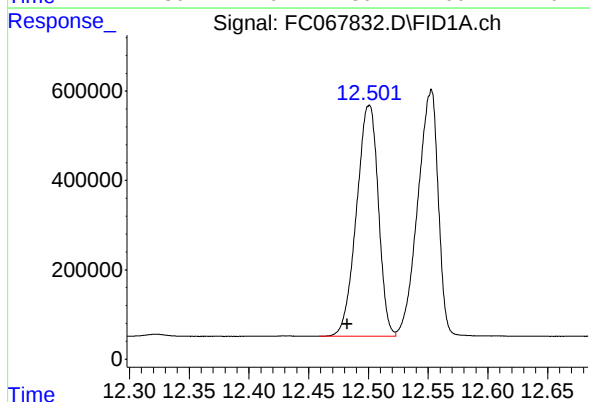
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.018 min
Response: 5055763
Conc: 26.08 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-741MS

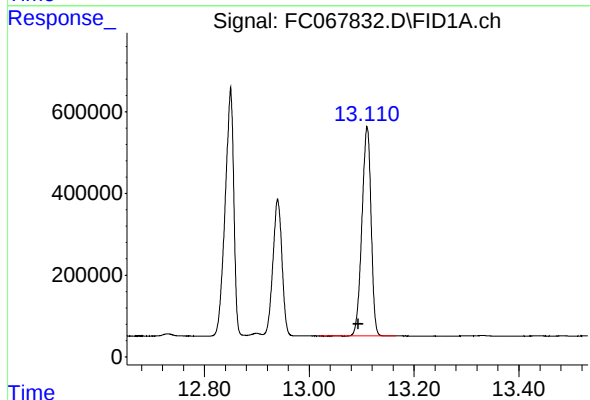
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024



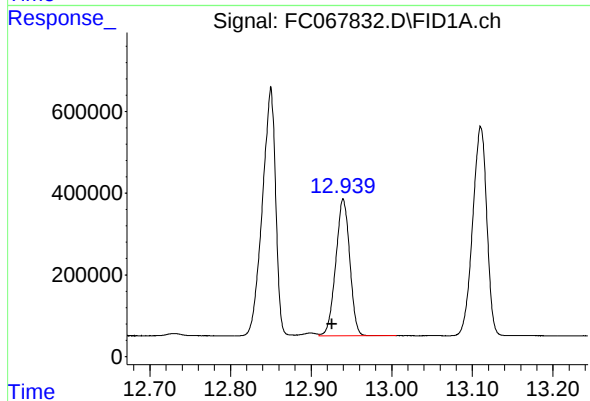
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.018 min
Response: 6580832
Conc: 39.08 ug/ml



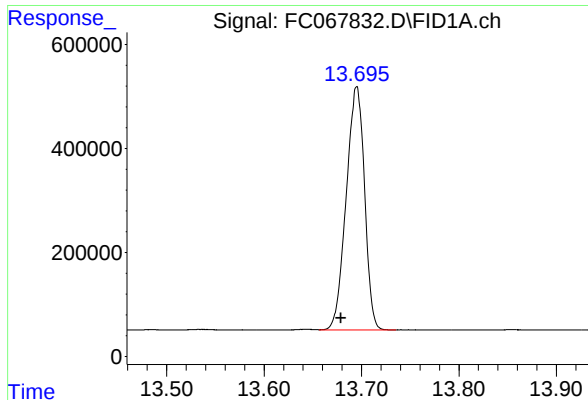
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.017 min
Response: 6220703
Conc: 37.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.014 min
Response: 4041252
Conc: 27.84 ug/ml



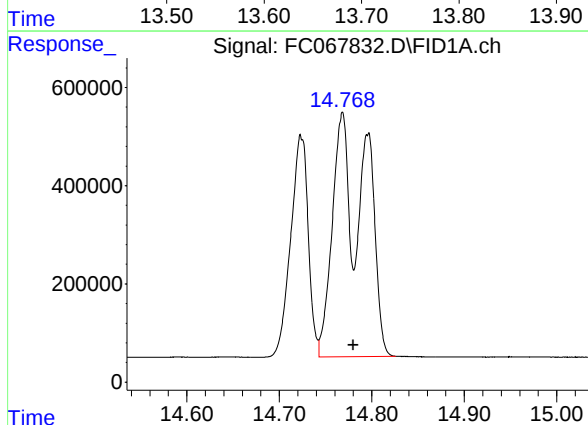
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.016 min
Response: 6101204
Conc: 37.46 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-741MS

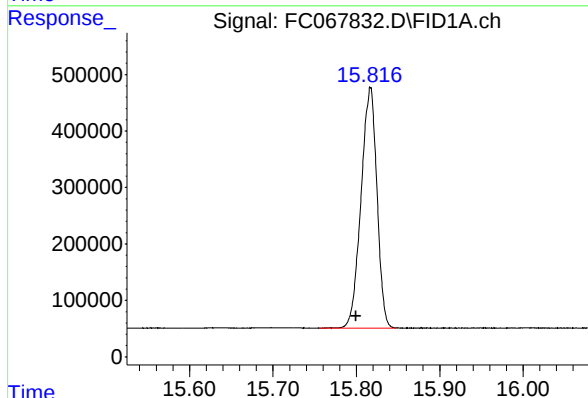
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024



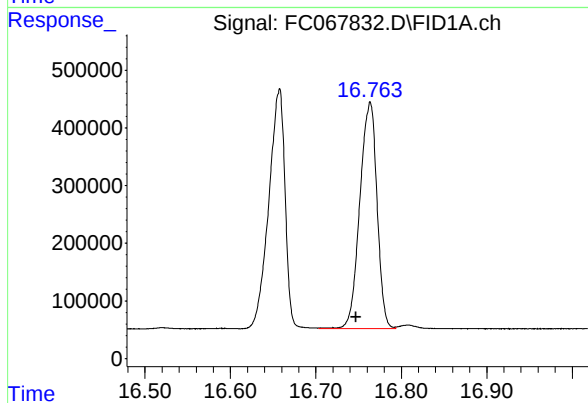
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.012 min
Response: 11783866
Conc: 73.47 ug/ml m



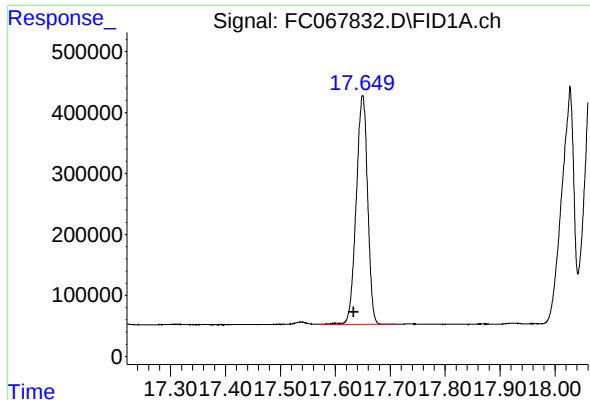
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.016 min
Response: 5654583
Conc: 36.51 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.016 min
Response: 5502042
Conc: 36.43 ug/ml



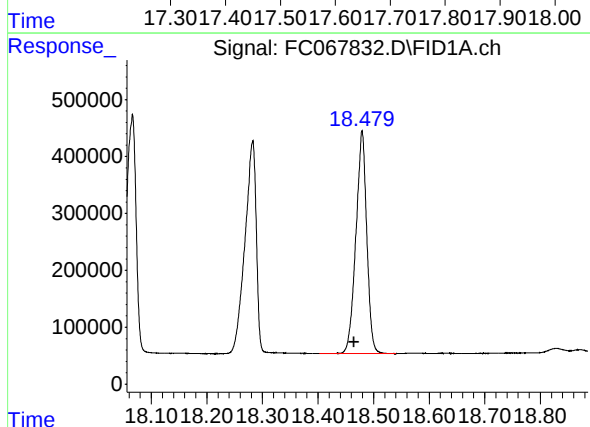
#17 n-Tricontane (C30)

R.T.: 17.650 min
Delta R.T.: 0.016 min
Response: 5429797
Conc: 35.46 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-741MS

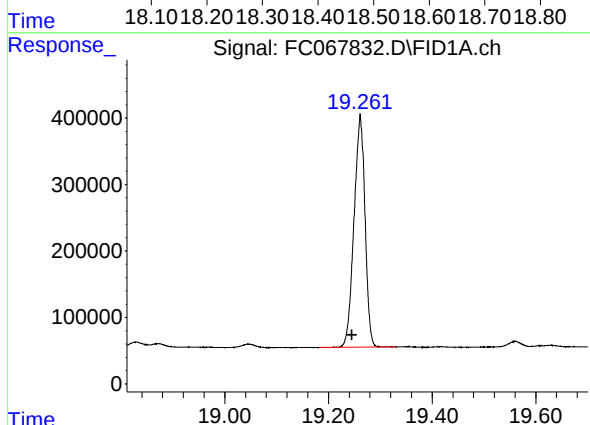
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024



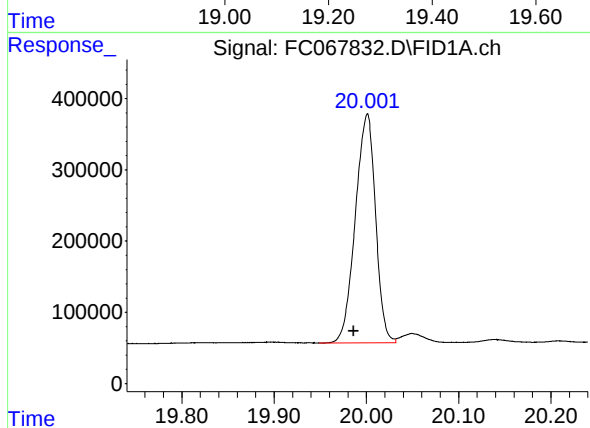
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.014 min
Response: 5316575
Conc: 36.00 ug/ml



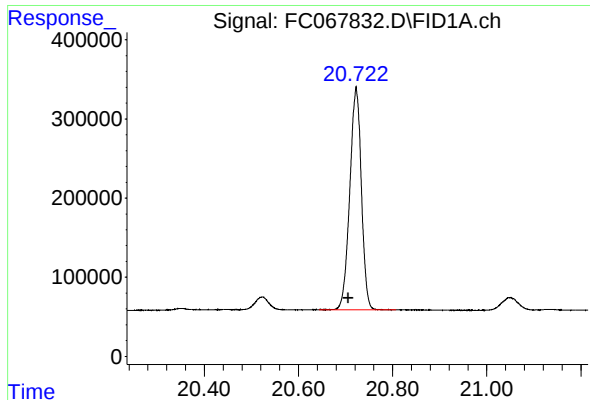
#19 n-Tetratriacontane (C34)

R.T.: 19.261 min
Delta R.T.: 0.016 min
Response: 5149507
Conc: 40.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: 0.014 min
Response: 4883238
Conc: 46.69 ug/ml



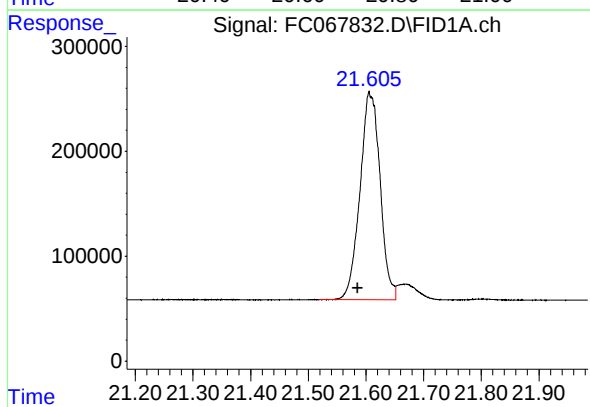
#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.017 min
Response: 4793097
Conc: 49.07 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-741MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: 0.022 min
Response: 4795251
Conc: 49.20 ug/ml