

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120324AL\
 Data File : FC067903.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2024 13:46
 Operator : YP/AJ
 Sample : PB165336BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165336BS

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 22:58:01 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)	11.505	5928673	30.580 ug/ml
Spiked Amount 50.000		Recovery =	61.16%
12) S 1-chlorooctadecane (S...	12.940	4723671	32.541 ug/ml
Spiked Amount 50.000		Recovery =	65.08%
Target Compounds			
1) T n-Nonane (C9)	3.301	5309389	32.550 ug/ml
2) T n-Decane (C10)	4.359	5617649	33.875 ug/ml
3) T A~Naphthalene (C11.7)	5.932	6409320	34.993 ug/ml
4) T n-Dodecane (C12)	6.367	5782841	34.334 ug/ml
5) T A~2-methylnaphthalene...	6.985	5902309	33.280 ug/ml
6) T n-Tetradecane (C14)	8.158	5831099	34.818 ug/ml
7) T n-Hexadecane (C16)	9.753	5777536	33.339 ug/ml
8) T n-Octadecane (C18)	11.193	5782900	32.869 ug/ml
10) T n-Eicosane (C20)	12.499	5823628	34.585 ug/ml
11) T n-Heneicosane (C21)	13.109	5572449	33.867 ug/ml
13) T n-Docosane (C22)	13.695	5513159	33.854 ug/ml
14) T n-Tetracosane (C24)	14.768	11171262	69.654 ug/mlm
15) T n-Hexacosane (C26)	15.815	5247746	33.887 ug/ml
16) T n-Octacosane (C28)	16.760	5147151	34.082 ug/ml
17) T n-Tricontane (C30)	17.648	5089788	33.243 ug/ml
18) T n-Dotriacontane (C32)	18.477	4905776	33.216 ug/ml
19) T n-Tetratriacontane (C34)	19.258	4470455	35.443 ug/ml
20) T n-Hexatriacontane (C36)	19.997	3673163	35.121 ug/ml
21) T n-Octatriacontane (C38)	20.719	3037254	31.093 ug/ml
22) T n-Tetracontane (C40)	21.604	2767744	28.397 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120324AL\
Data File : FC067903.D
Signal(s) : FID1A.ch
Acq On : 03 Dec 2024 13:46
Operator : YP/AJ
Sample : PB165336BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

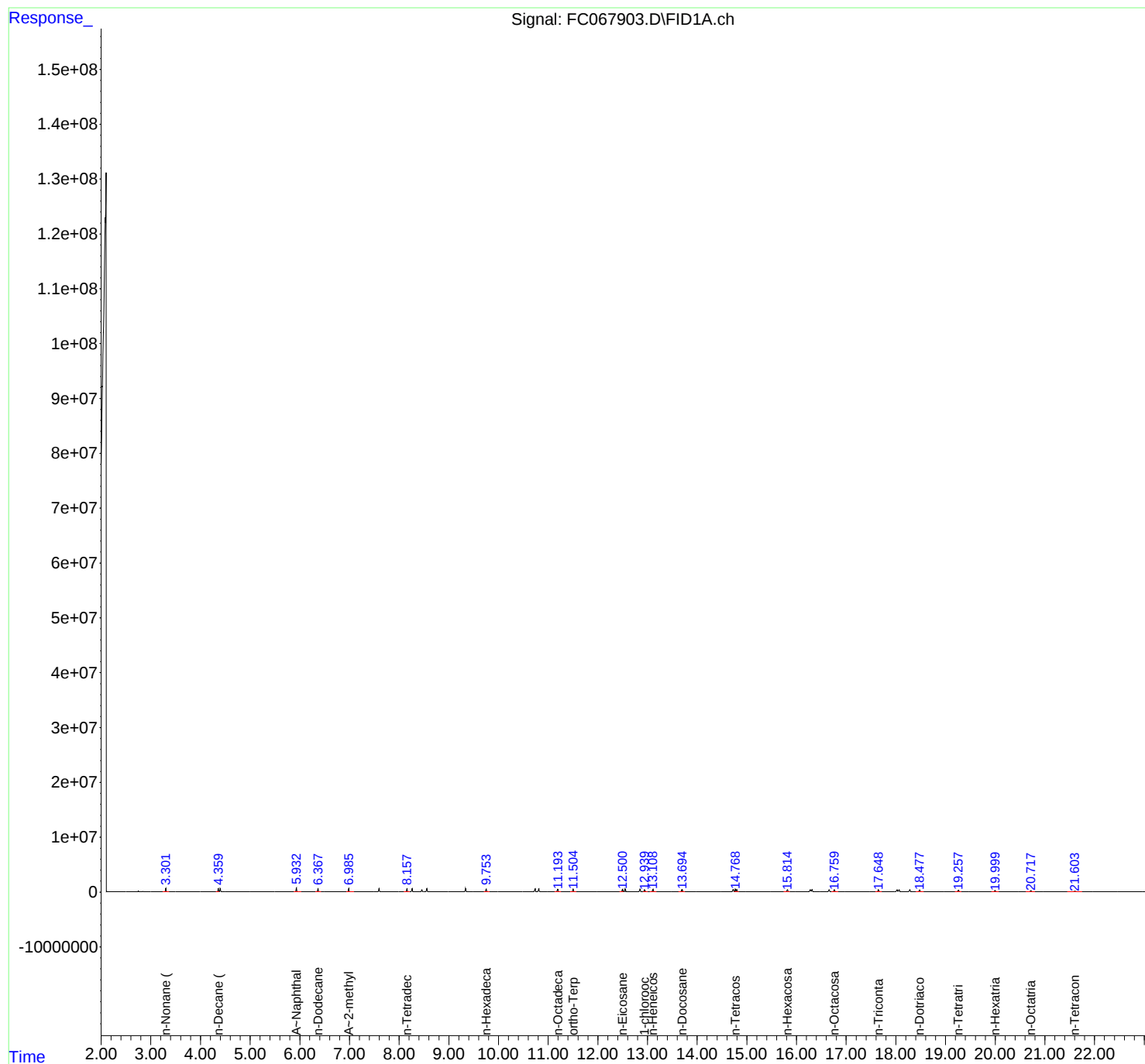
Instrument :
FID_C
ClientSampleId :
PB165336BS

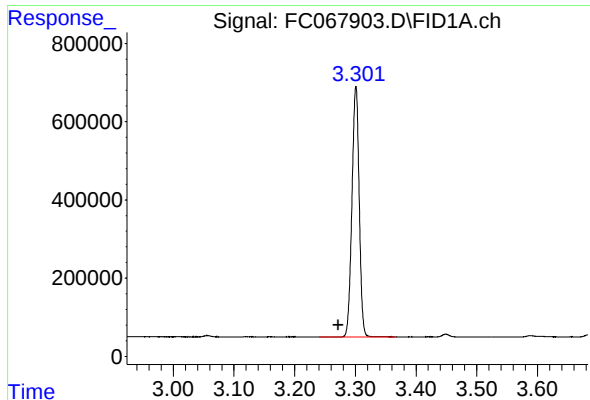
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Dec 03 22:58:01 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





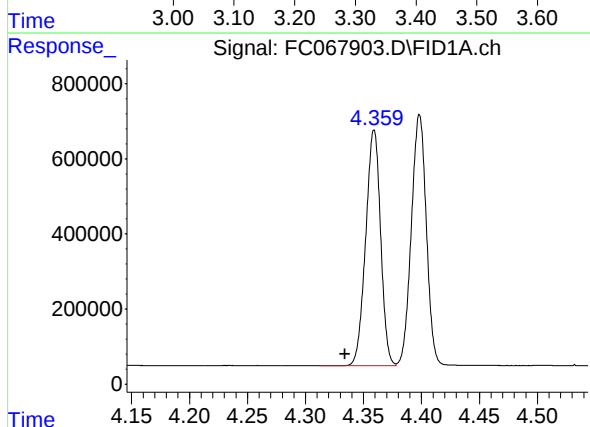
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.029 min
Response: 5309389
Conc: 32.55 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165336BS

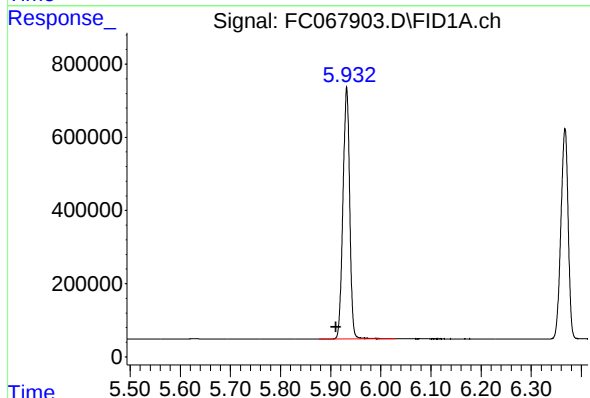
Manual Integrations
APPROVED

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



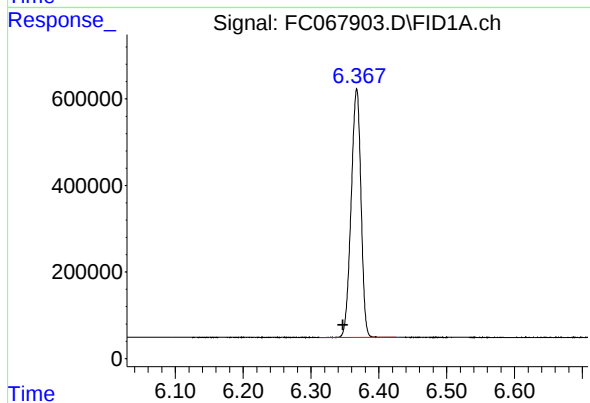
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: 0.025 min
Response: 5617649
Conc: 33.88 ug/ml



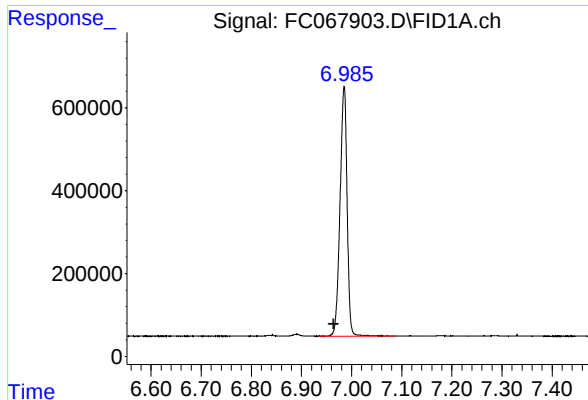
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: 0.021 min
Response: 6409320
Conc: 34.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: 0.020 min
Response: 5782841
Conc: 34.33 ug/ml



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

R.T.: 6.985 min
Delta R.T.: 0.020 min
Response: 5902309
Conc: 33.28 ug/ml

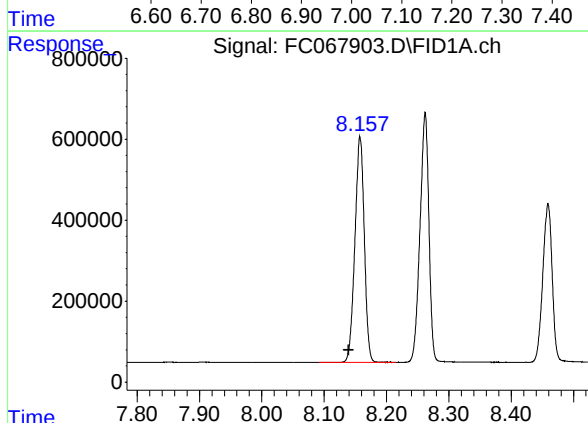
Instrument :

FID_C

ClientSampleId :
PB165336BS

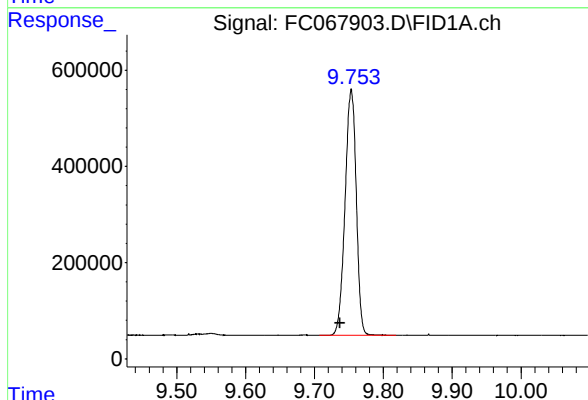
Manual Integrations
APPROVED

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



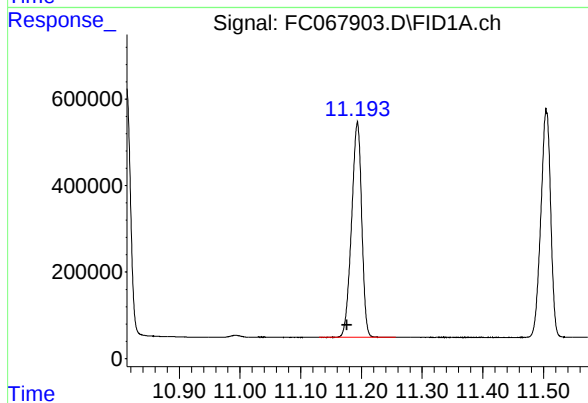
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: 0.019 min
Response: 5831099
Conc: 34.82 ug/ml



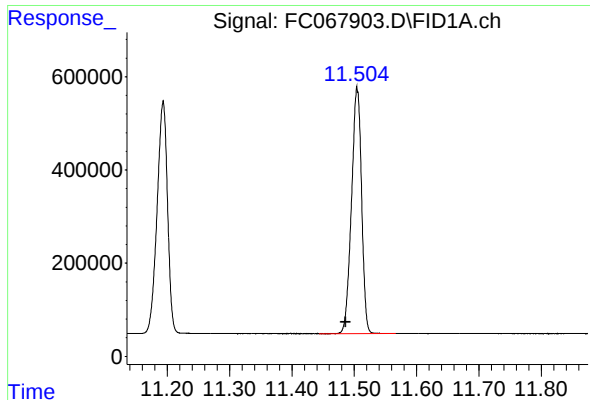
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.016 min
Response: 5777536
Conc: 33.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.017 min
Response: 5782900
Conc: 32.87 ug/ml



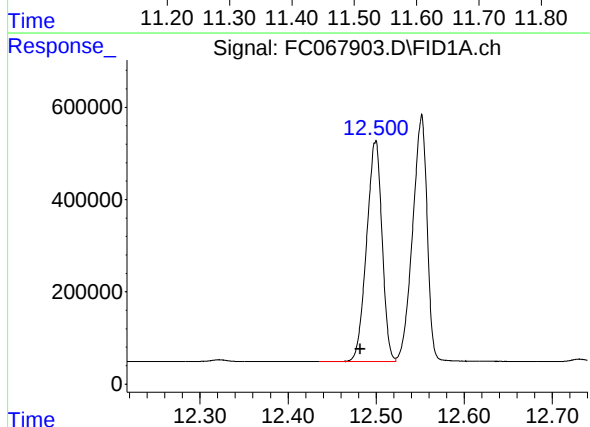
#9 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: 0.018 min
Response: 5928673
Conc: 30.58 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165336BS

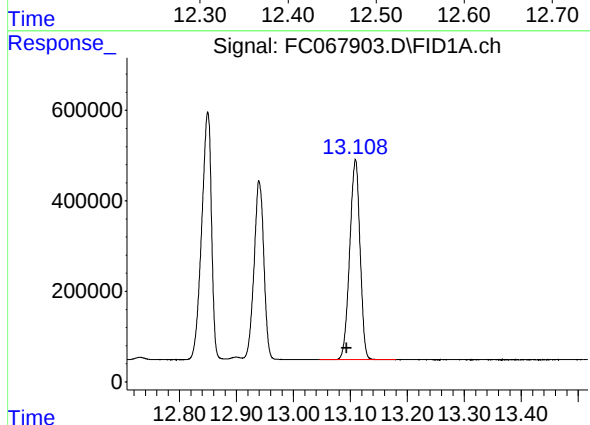
Manual Integrations
APPROVED

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



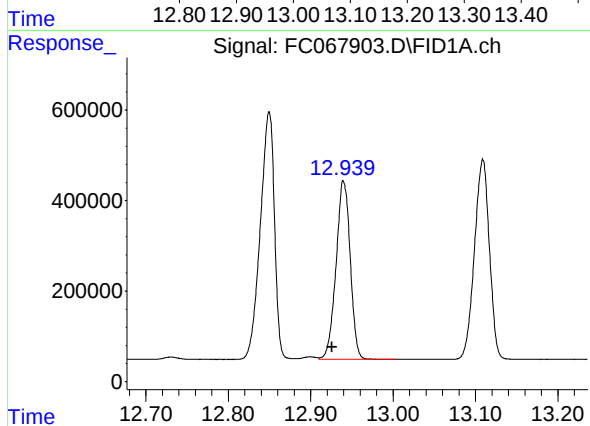
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.017 min
Response: 5823628
Conc: 34.58 ug/ml



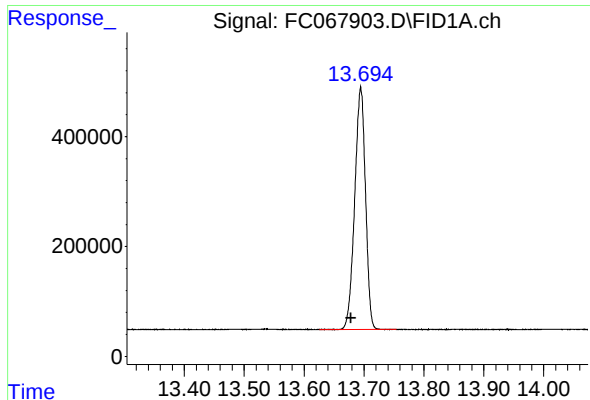
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: 0.015 min
Response: 5572449
Conc: 33.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.014 min
Response: 4723671
Conc: 32.54 ug/ml



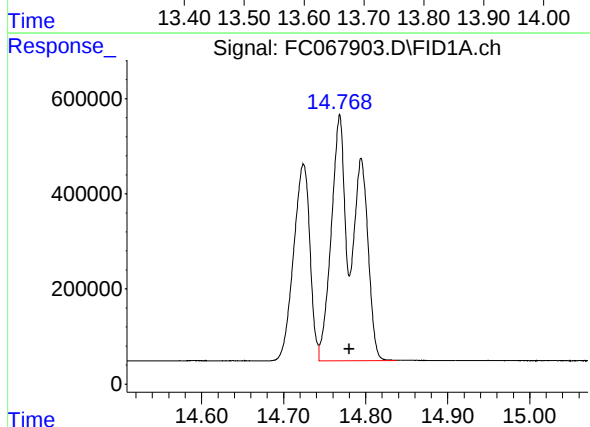
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.016 min
Response: 5513159
Conc: 33.85 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165336BS

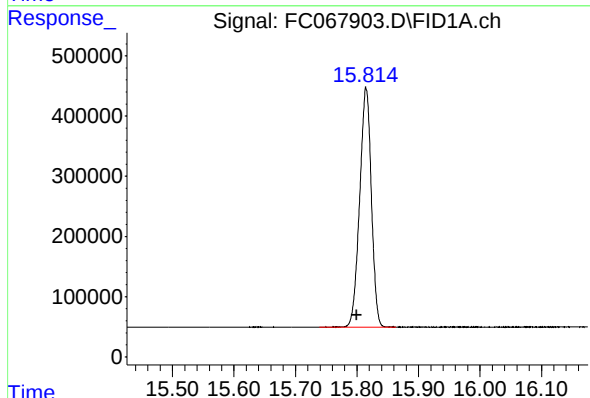
Manual Integrations
APPROVED

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



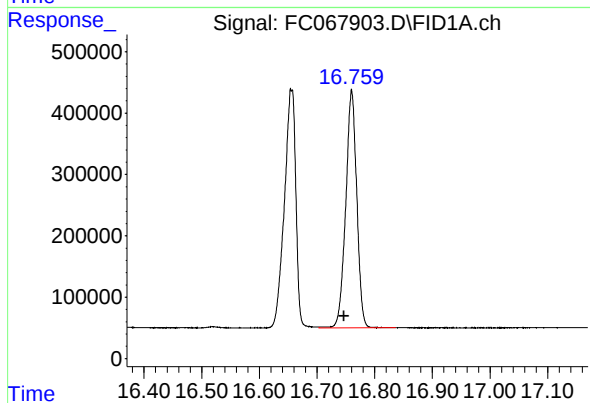
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.012 min
Response: 11171262
Conc: 69.65 ug/ml m



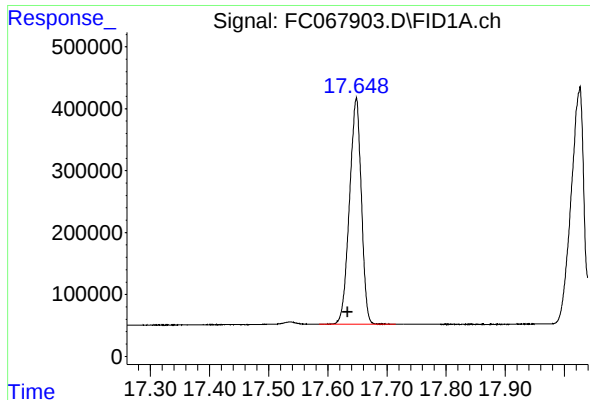
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.015 min
Response: 5247746
Conc: 33.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: 0.013 min
Response: 5147151
Conc: 34.08 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: 0.015 min
Response: 5089788
Conc: 33.24 ug/ml

Instrument :

FID_C

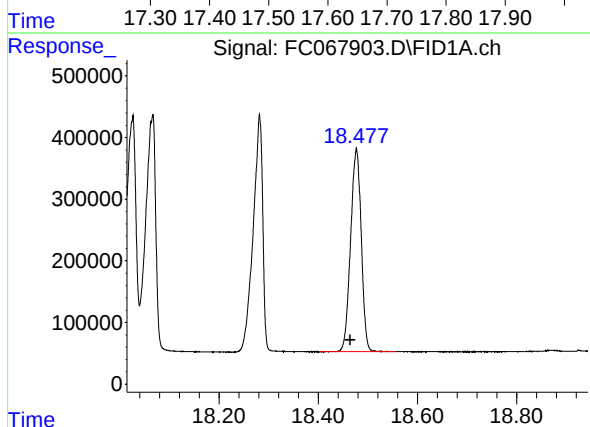
ClientSampleId :

PB165336BS

Manual Integrations

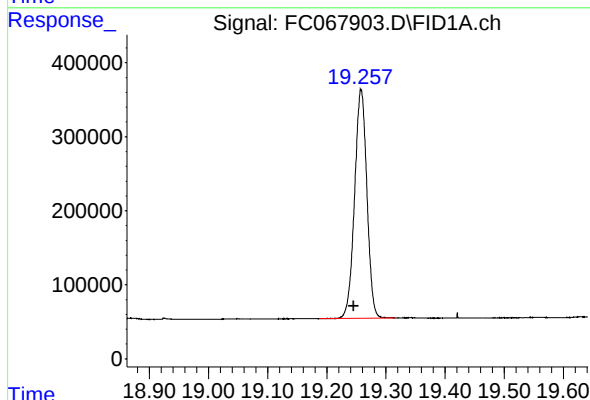
APPROVED

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



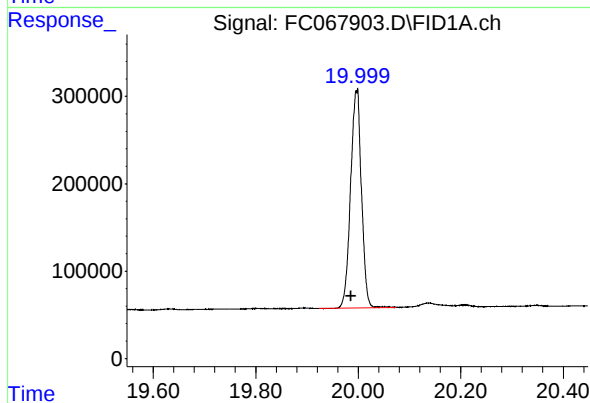
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.012 min
Response: 4905776
Conc: 33.22 ug/ml



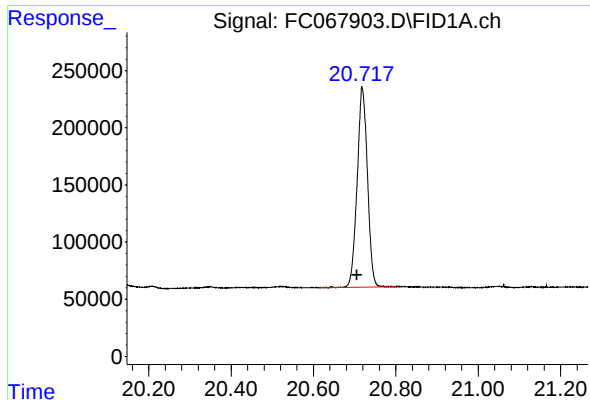
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.012 min
Response: 4470455
Conc: 35.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.997 min
Delta R.T.: 0.010 min
Response: 3673163
Conc: 35.12 ug/ml



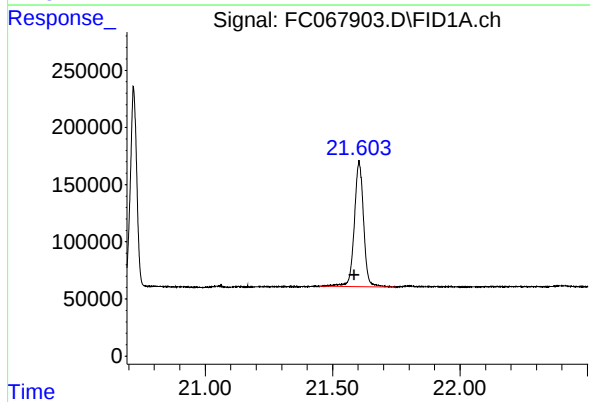
#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.013 min
Response: 3037254
Conc: 31.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165336BS

Manual Integrations
APPROVED

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



#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: 0.018 min
Response: 2767744
Conc: 28.40 ug/ml