

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120924AL\
 Data File : FC067958.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 02:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
 Quant Time: Dec 10 04:43:32 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)	11.471	3782644	19.511 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	12.910	2811303	19.367 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.252	3255574	19.959 ug/ml
2) T n-Decane (C10)	4.314	3391823	20.453 ug/ml
3) T A~Naphthalene (C11.7)	5.890	3743552	20.439 ug/ml
4) T n-Dodecane (C12)	6.329	3481152	20.668 ug/ml
5) T A~2-methylnaphthalene...	6.945	3656014	20.614 ug/ml
6) T n-Tetradecane (C14)	8.122	3474114	20.744 ug/ml
7) T n-Hexadecane (C16)	9.721	3551635	20.494 ug/ml
8) T n-Octadecane (C18)	11.161	3535187	20.093 ug/ml
10) T n-Eicosane (C20)	12.468	3313398	19.677 ug/ml
11) T n-Heneicosane (C21)	13.079	3214535	19.537 ug/ml
13) T n-Docosane (C22)	13.665	3156345	19.382 ug/ml
14) T n-Tetracosane (C24)	14.766	3064899	19.110 ug/ml
15) T n-Hexacosane (C26)	15.786	2958875	19.107 ug/ml
16) T n-Octacosane (C28)	16.734	2916501	19.312 ug/ml
17) T n-Tricontane (C30)	17.620	3006264	19.635 ug/ml
18) T n-Dotriacontane (C32)	18.451	2916281	19.746 ug/ml
19) T n-Tetratriacontane (C34)	19.233	2534853	20.097 ug/ml
20) T n-Hexatriacontane (C36)	19.972	2179211	20.836 ug/ml
21) T n-Octatriacontane (C38)	20.691	2025497	20.735 ug/mlm
22) T n-Tetracontane (C40)	21.569	1944705	19.953 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120924AL\
Data File : FC067958.D
Signal(s) : FID1A.ch
Acq On : 10 Dec 2024 02:22
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

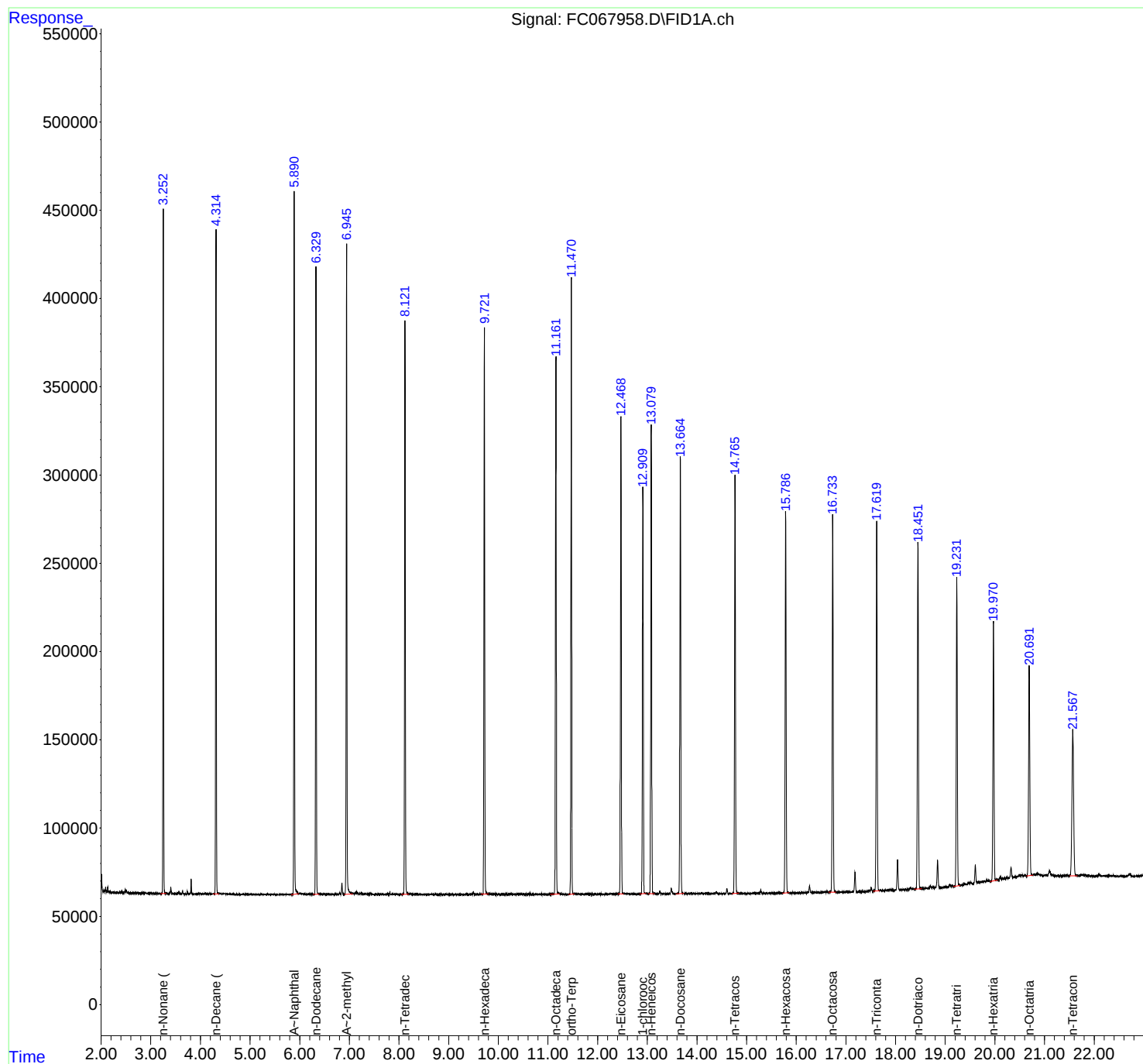
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

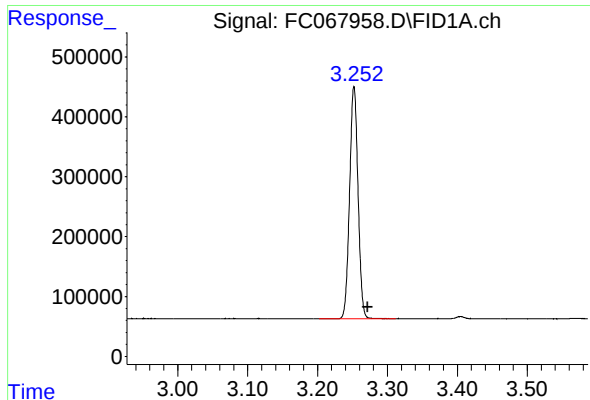
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
Quant Time: Dec 10 04:43:32 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





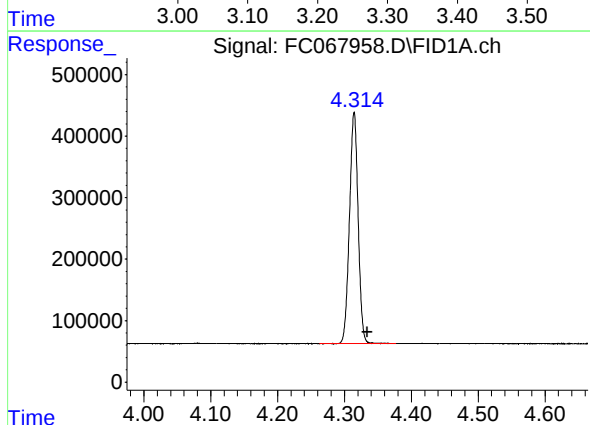
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: -0.020 min
Response: 3255574
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

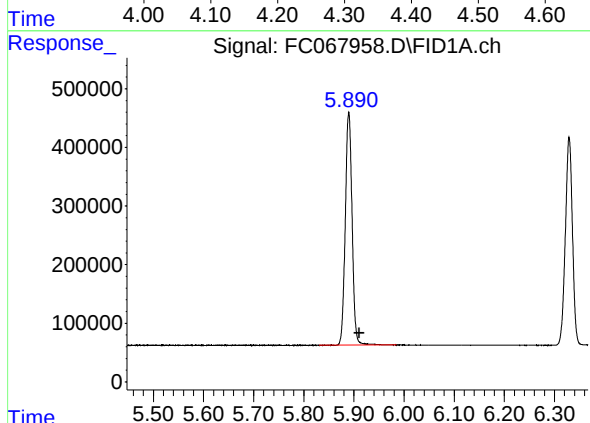
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :Ankita Jodhani 12/10/2024



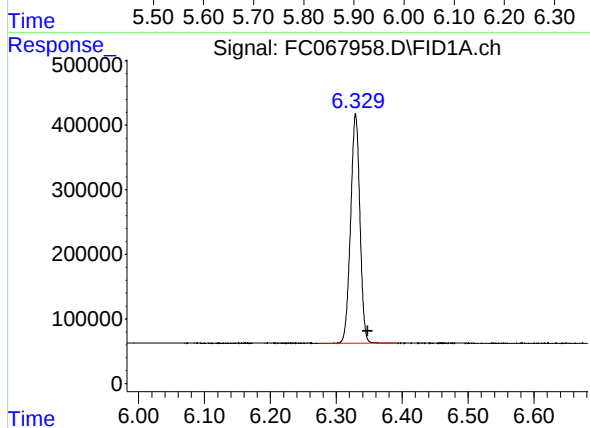
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: -0.020 min
Response: 3391823
Conc: 20.45 ug/ml



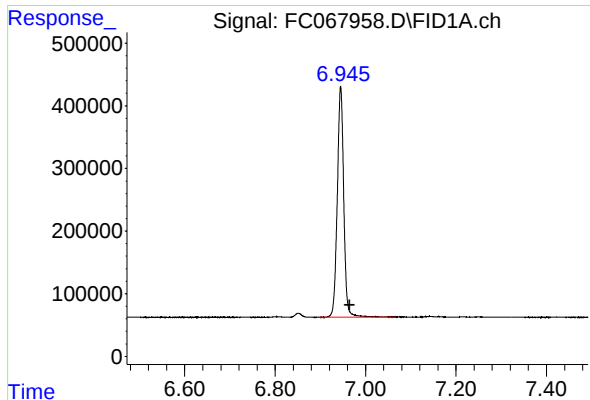
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.021 min
Response: 3743552
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.018 min
Response: 3481152
Conc: 20.67 ug/ml



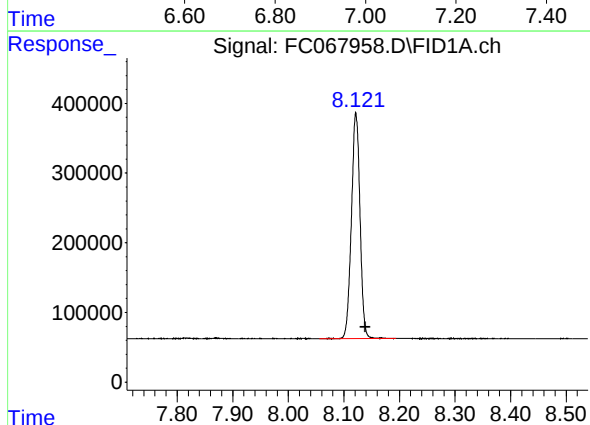
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.020 min
Response: 3656014
Conc: 20.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

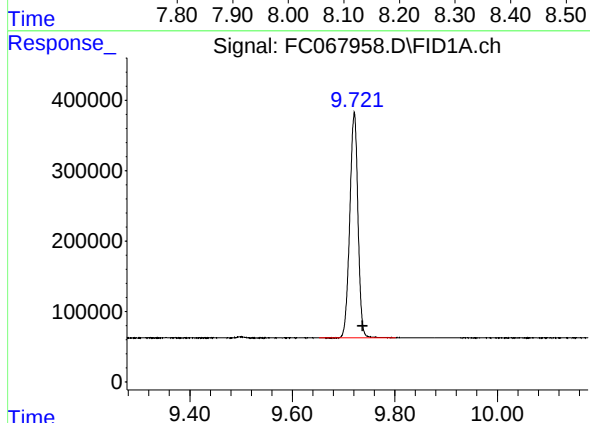
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :Ankita Jodhani 12/10/2024



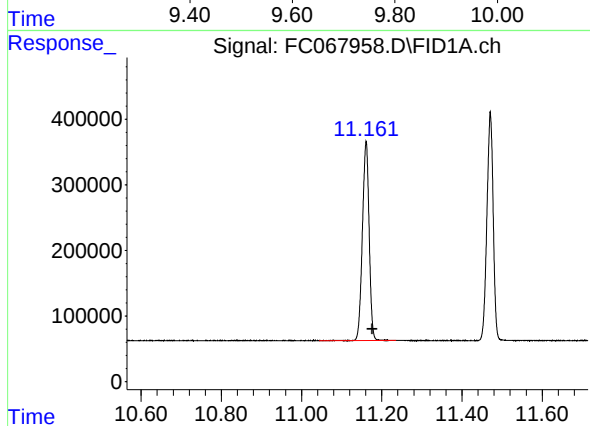
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: -0.017 min
Response: 3474114
Conc: 20.74 ug/ml



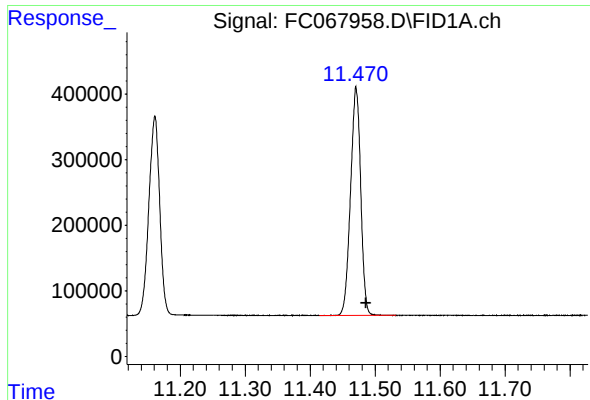
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.016 min
Response: 3551635
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.161 min
Delta R.T.: -0.015 min
Response: 3535187
Conc: 20.09 ug/ml



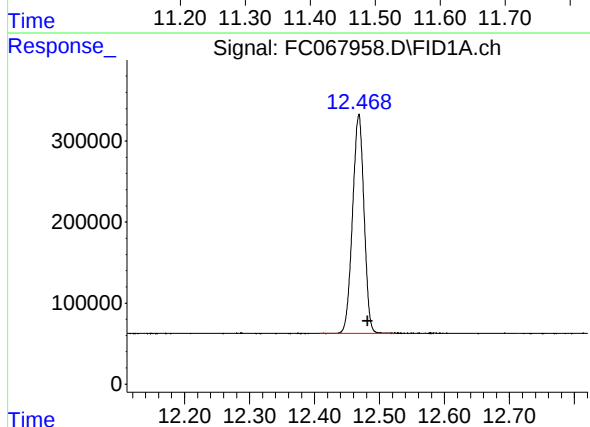
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.016 min
Response: 3782644
Conc: 19.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

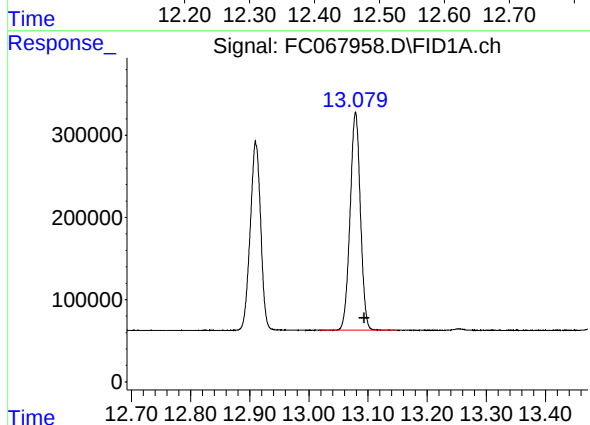
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :Ankita Jodhani 12/10/2024



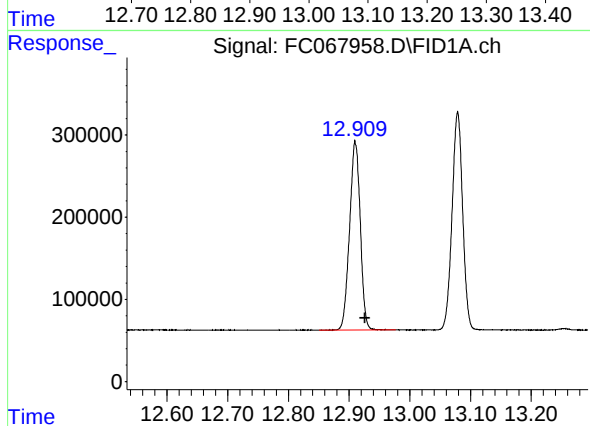
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: -0.014 min
Response: 3313398
Conc: 19.68 ug/ml



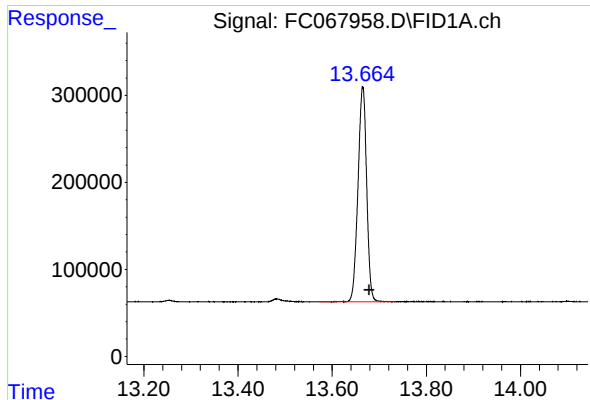
#11 n-Heneicosane (C21)

R.T.: 13.079 min
Delta R.T.: -0.015 min
Response: 3214535
Conc: 19.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: -0.015 min
Response: 2811303
Conc: 19.37 ug/ml



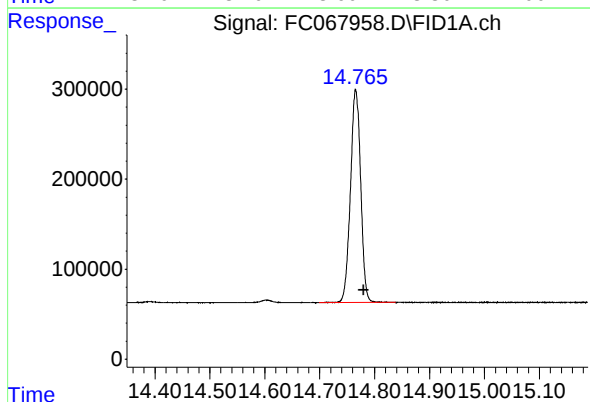
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: -0.014 min
Response: 3156345
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

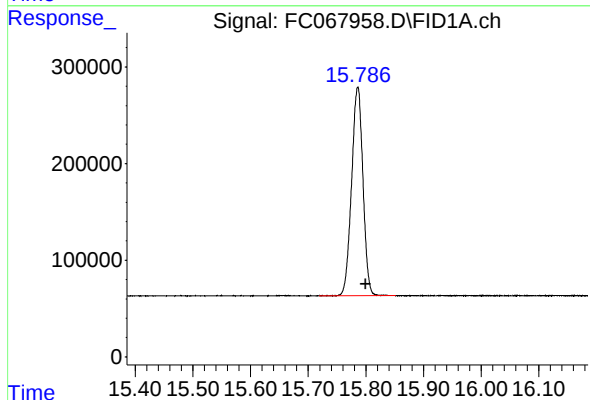
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :Ankita Jodhani 12/10/2024



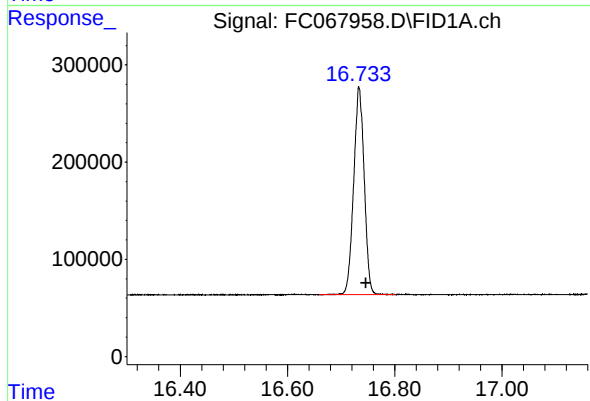
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.014 min
Response: 3064899
Conc: 19.11 ug/ml



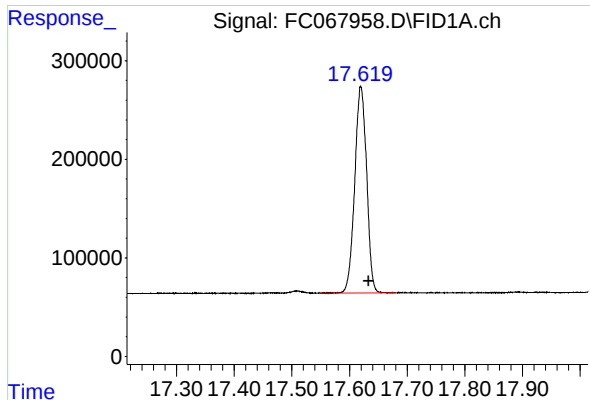
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: -0.014 min
Response: 2958875
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: -0.013 min
Response: 2916501
Conc: 19.31 ug/ml



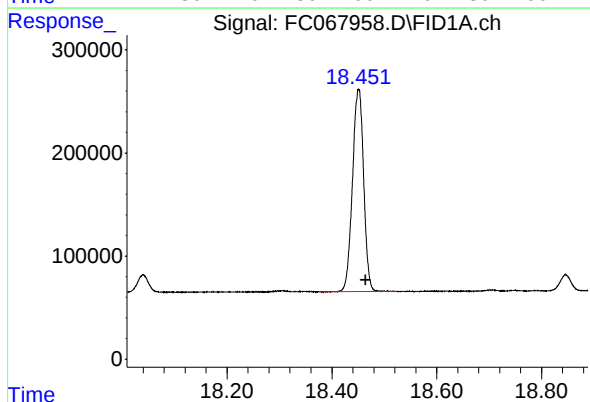
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: -0.014 min
Response: 3006264
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

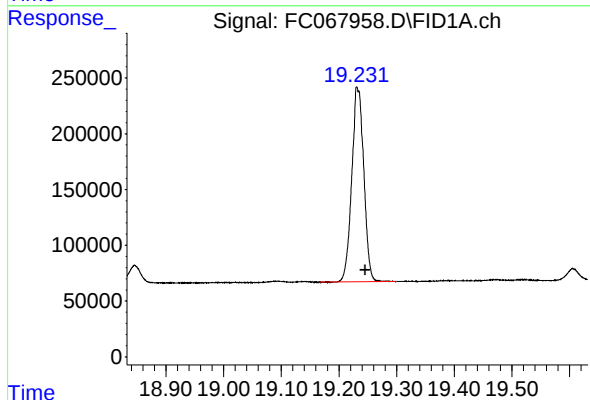
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :Ankita Jodhani 12/10/2024



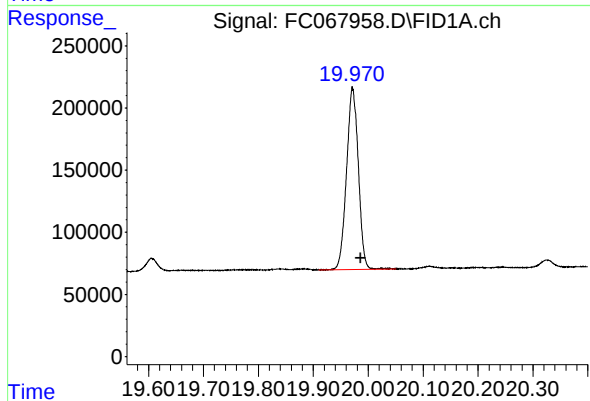
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: -0.014 min
Response: 2916281
Conc: 19.75 ug/ml



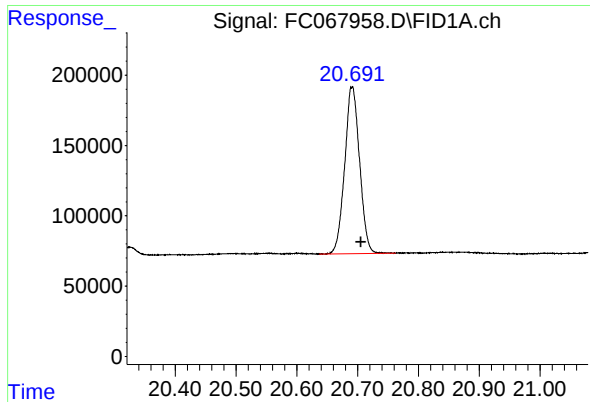
#19 n-Tetratriacontane (C34)

R.T.: 19.233 min
Delta R.T.: -0.013 min
Response: 2534853
Conc: 20.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.972 min
Delta R.T.: -0.015 min
Response: 2179211
Conc: 20.84 ug/ml



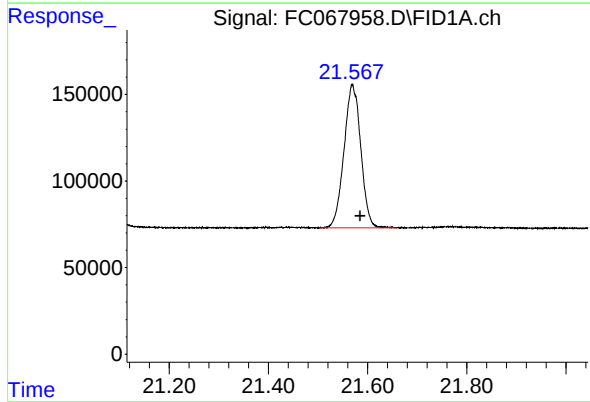
#21 n-Octatriacontane (C38)

R.T.: 20.691 min
Delta R.T.: -0.014 min
Response: 2025497
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :Ankita Jodhani 12/10/2024



#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.016 min
Response: 1944705
Conc: 19.95 ug/ml