

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066075.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2024 13:33
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 01:08:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.472	3579108	18.314 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	12.899	2667901	18.300 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
Target Compounds			
1) T n-Nonane (C9)	3.279	3107288	18.598 ug/ml
2) T n-Decane (C10)	4.338	3193222	18.412 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3386843	18.873 ug/ml
4) T n-Dodecane (C12)	6.346	3216033	18.250 ug/ml
5) T A~2-methylnaphthalene...	6.977	3125761	18.350 ug/ml
6) T n-Tetradecane (C14)	8.133	3140284	18.059 ug/mlm
7) T n-Hexadecane (C16)	9.725	3188814	17.849 ug/ml
8) T n-Octadecane (C18)	11.157	3240877	17.830 ug/ml
10) T n-Eicosane (C20)	12.457	3139295	17.978 ug/ml
11) T n-Heneicosane (C21)	13.065	3141278	18.118 ug/ml
13) T n-Docosane (C22)	13.647	3174091	18.456 ug/ml
14) T n-Tetracosane (C24)	14.741	3304379	19.347 ug/ml
15) T n-Hexacosane (C26)	15.755	3347388	19.879 ug/ml
16) T n-Octacosane (C28)	16.697	3446371	20.729 ug/ml
17) T n-Tricontane (C30)	17.578	3601421	21.093 ug/ml
18) T n-Dotriacontane (C32)	18.406	3552461	21.074 ug/mlm
19) T n-Tetratriacontane (C34)	19.183	3346143	20.416 ug/ml
20) T n-Hexatriacontane (C36)	19.919	3128033	19.674 ug/mlm
21) T n-Octatriacontane (C38)	20.630	3033648	19.367 ug/ml
22) T n-Tetracontane (C40)	21.482	2970097	18.782 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
Data File : FC066075.D
Signal(s) : FID1A.ch
Acq On : 21 Mar 2024 13:33
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

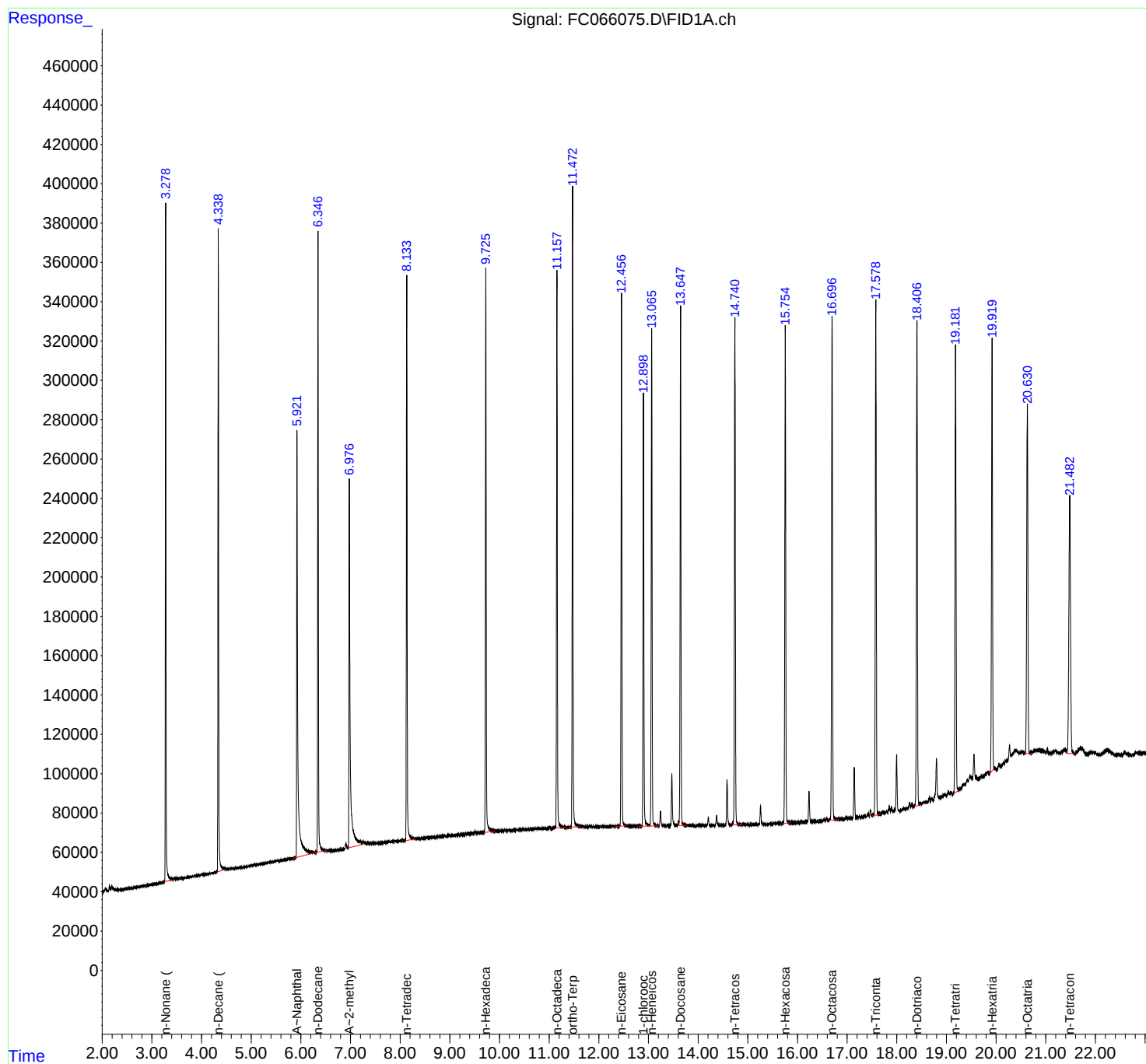
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

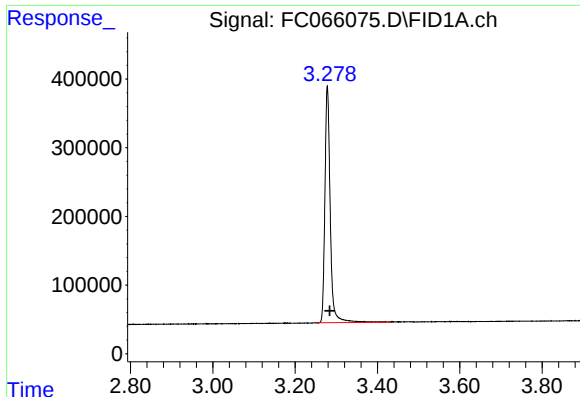
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
Quant Time: Mar 22 01:08:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
Quant Title : GC Extractables
QLast Update : Mon Mar 04 13:09:51 2024
Response via : Initial Calibration
Integrator: ChemStation

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





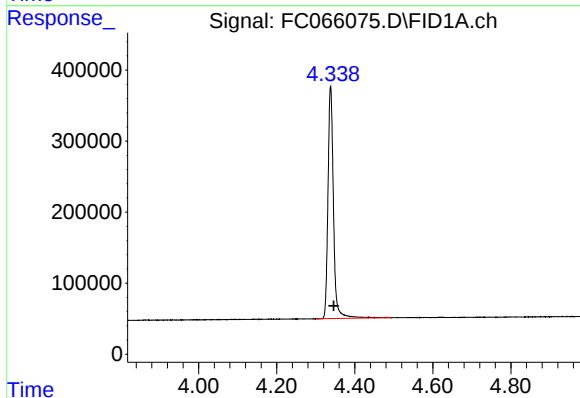
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.005 min
Response: 3107288
Conc: 18.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

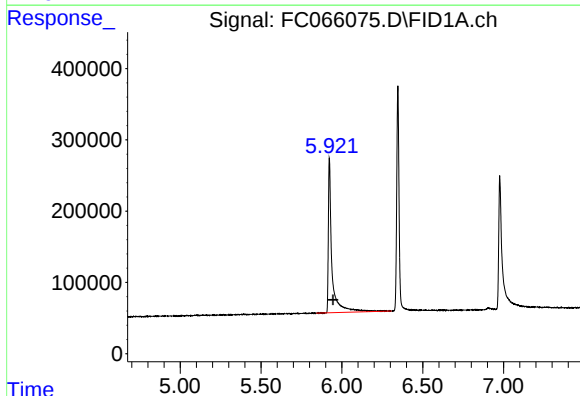
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



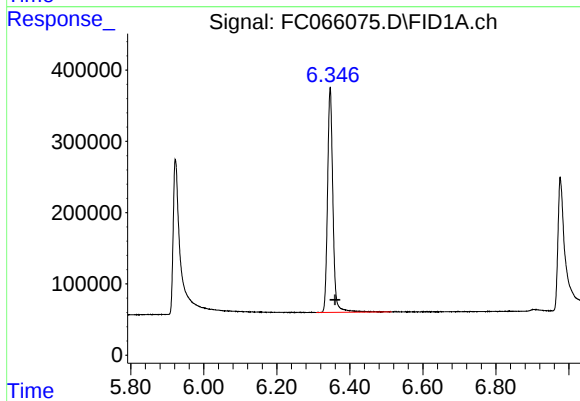
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: -0.008 min
Response: 3193222
Conc: 18.41 ug/ml



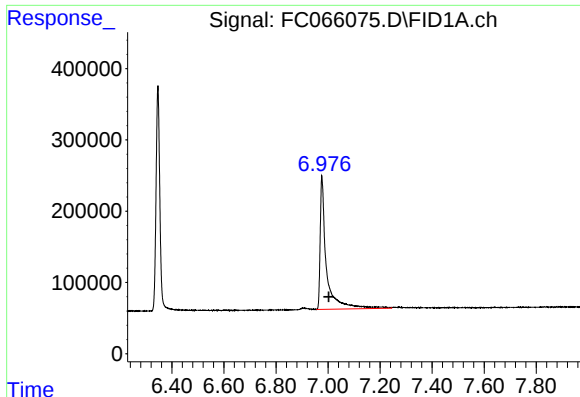
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3386843
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.346 min
Delta R.T.: -0.014 min
Response: 3216033
Conc: 18.25 ug/ml



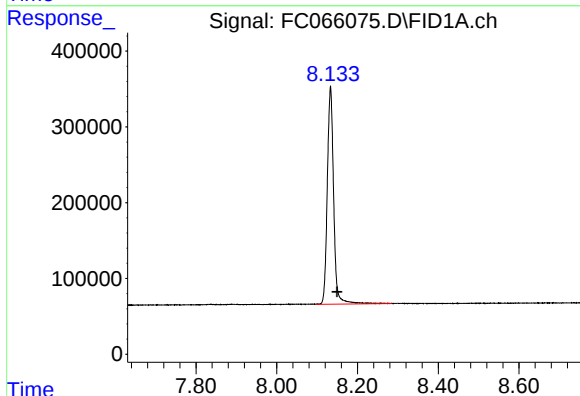
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.025 min
Response: 3125761
Conc: 18.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

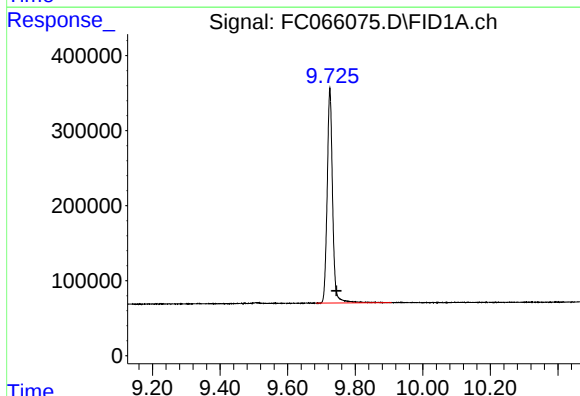
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



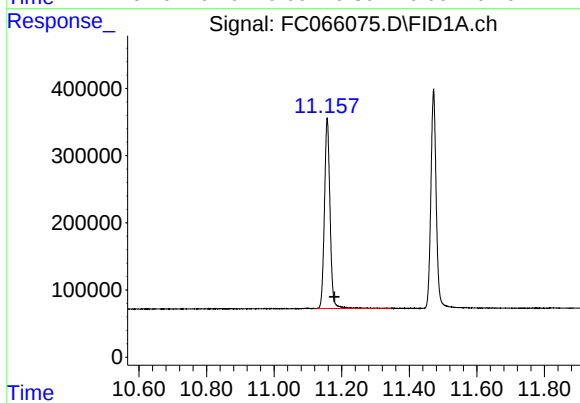
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: -0.016 min
Response: 3140284
Conc: 18.06 ug/ml m



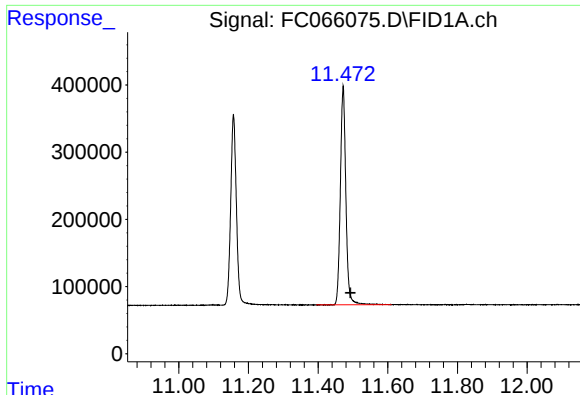
#7 n-Hexadecane (C16)

R.T.: 9.725 min
Delta R.T.: -0.019 min
Response: 3188814
Conc: 17.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.157 min
Delta R.T.: -0.022 min
Response: 3240877
Conc: 17.83 ug/ml



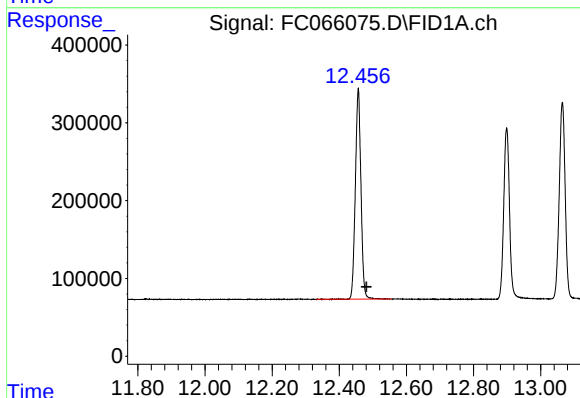
#9 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: -0.021 min
Response: 3579108
Conc: 18.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

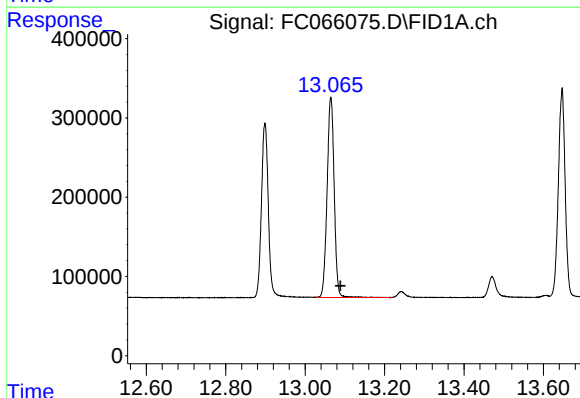
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



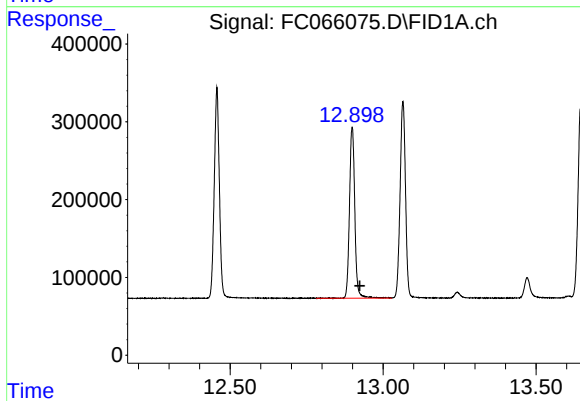
#10 n-Eicosane (C20)

R.T.: 12.457 min
Delta R.T.: -0.024 min
Response: 3139295
Conc: 17.98 ug/ml



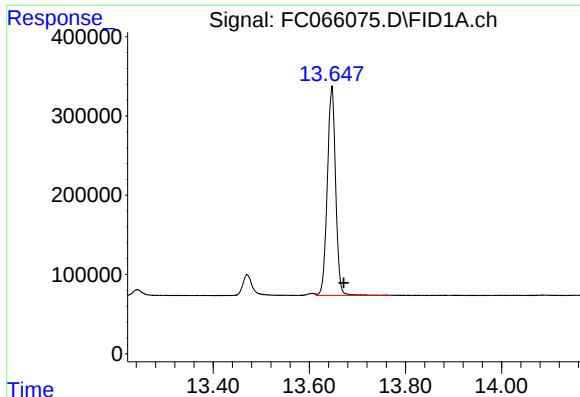
#11 n-Heneicosane (C21)

R.T.: 13.065 min
Delta R.T.: -0.024 min
Response: 3141278
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.899 min
Delta R.T.: -0.025 min
Response: 2667901
Conc: 18.30 ug/ml



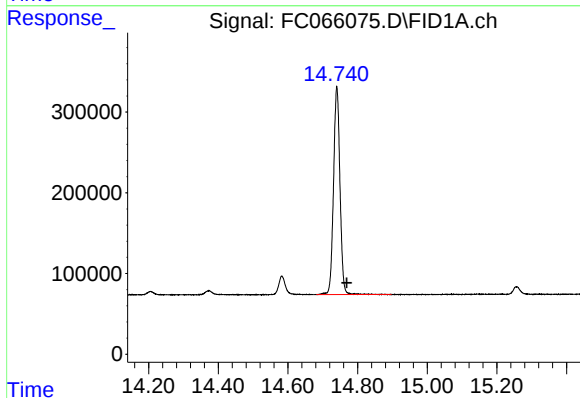
#13 n-Docosane (C22)

R.T.: 13.647 min
Delta R.T.: -0.025 min
Response: 3174091
Conc: 18.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

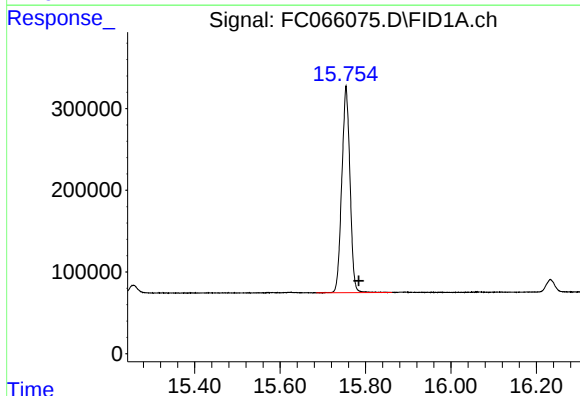
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



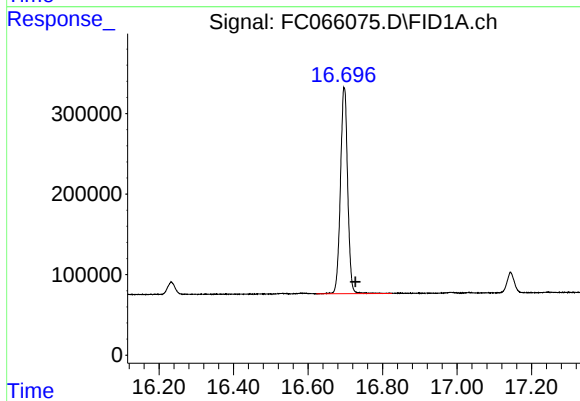
#14 n-Tetracosane (C24)

R.T.: 14.741 min
Delta R.T.: -0.029 min
Response: 3304379
Conc: 19.35 ug/ml



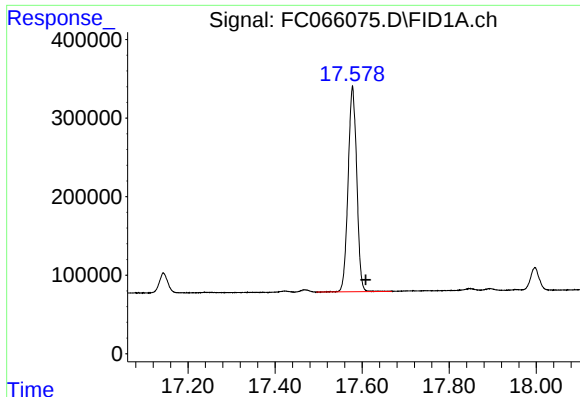
#15 n-Hexacosane (C26)

R.T.: 15.755 min
Delta R.T.: -0.030 min
Response: 3347388
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.697 min
Delta R.T.: -0.030 min
Response: 3446371
Conc: 20.73 ug/ml



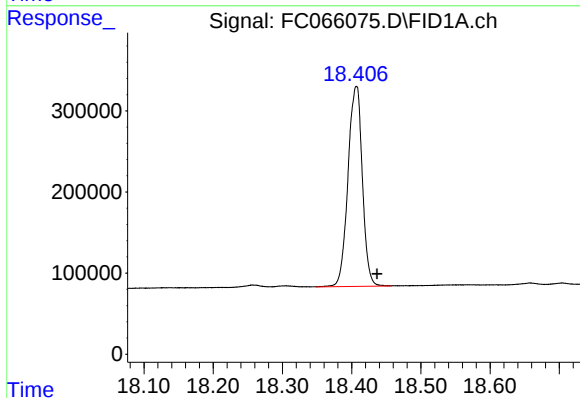
#17 n-Tricontane (C30)

R.T.: 17.578 min
Delta R.T.: -0.031 min
Response: 3601421
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

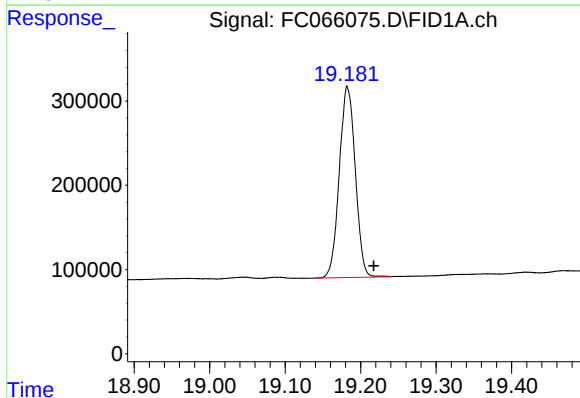
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



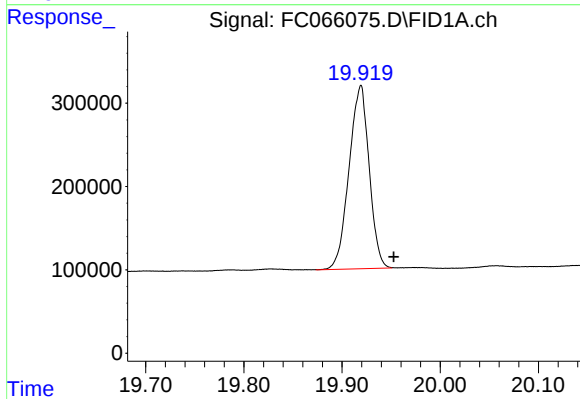
#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: -0.031 min
Response: 3552461
Conc: 21.07 ug/ml m



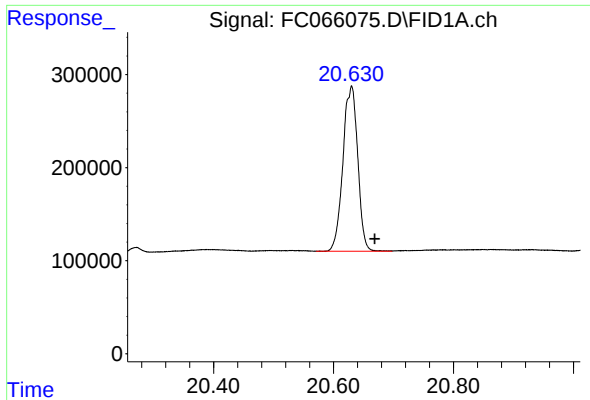
#19 n-Tetratriacontane (C34)

R.T.: 19.183 min
Delta R.T.: -0.035 min
Response: 3346143
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.919 min
Delta R.T.: -0.034 min
Response: 3128033
Conc: 19.67 ug/ml m



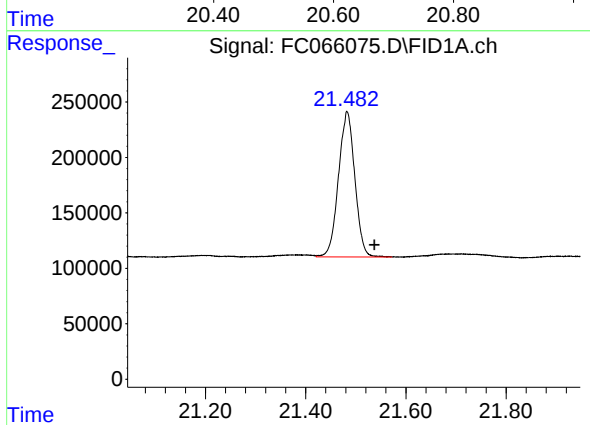
#21 n-Octatriacontane (C38)

R.T.: 20.630 min
Delta R.T.: -0.039 min
Response: 3033648
Conc: 19.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



#22 n-Tetracontane (C40)

R.T.: 21.482 min
Delta R.T.: -0.055 min
Response: 2970097
Conc: 18.78 ug/ml m