

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010521AL\
 Data File : FC051577.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2021 8:03
 Operator : DD\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

Ankita
 1/6/2021 12:12:36 PM

Integration File: autoint1.e
 Quant Time: Jan 06 09:01:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.557	2256604	19.470 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
12) S 1-chlorooctadecane (S...	12.991	1741569	19.306 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T n-Nonane (C9)	3.318	2097172	21.257 ug/ml
2) T n-Decane (C10)	4.385	2141261	21.655 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2355095	22.519 ug/ml
4) T n-Dodecane (C12)	6.402	2204611	21.565 ug/ml
5) T A~2-methylnaphthalene...	7.033	2406091	22.906 ug/ml
6) T n-Tetradecane (C14)	8.198	2192029	21.609 ug/ml
7) T n-Hexadecane (C16)	9.797	2093827	20.789 ug/ml
8) T n-Octadecane (C18)	11.238	2220176	20.817 ug/ml
10) T n-Eicosane (C20)	12.547	2142555	19.896 ug/ml
11) T n-Heneicosane (C21)	13.158	2120471	19.769 ug/ml
13) T n-Docosane (C22)	13.743	2076566	19.445 ug/ml
14) T n-Tetracosane (C24)	14.845	2084746	19.697 ug/ml
15) T n-Hexacosane (C26)	15.865	1999631	19.306 ug/ml
16) T n-Octacosane (C28)	16.813	1962763	19.278 ug/ml
17) T n-Tricontane (C30)	17.699	1945277	19.753 ug/ml
18) T n-Dotriacontane (C32)	18.528	1843739	20.351 ug/ml
19) T n-Tetratriacontane (C34)	19.312	1736833	20.434 ug/mlm
20) T n-Hexatriacontane (C36)	20.050	1697643	20.021 ug/mlm
21) T n-Octatriacontane (C38)	20.778	1597449	20.865 ug/mlm
22) T n-Tetracontane (C40)	21.685	1671830	21.141 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010521AL\
Data File : FC051577.D
Signal(s) : FID1A.CH
Acq On : 06 Jan 2021 8:03
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

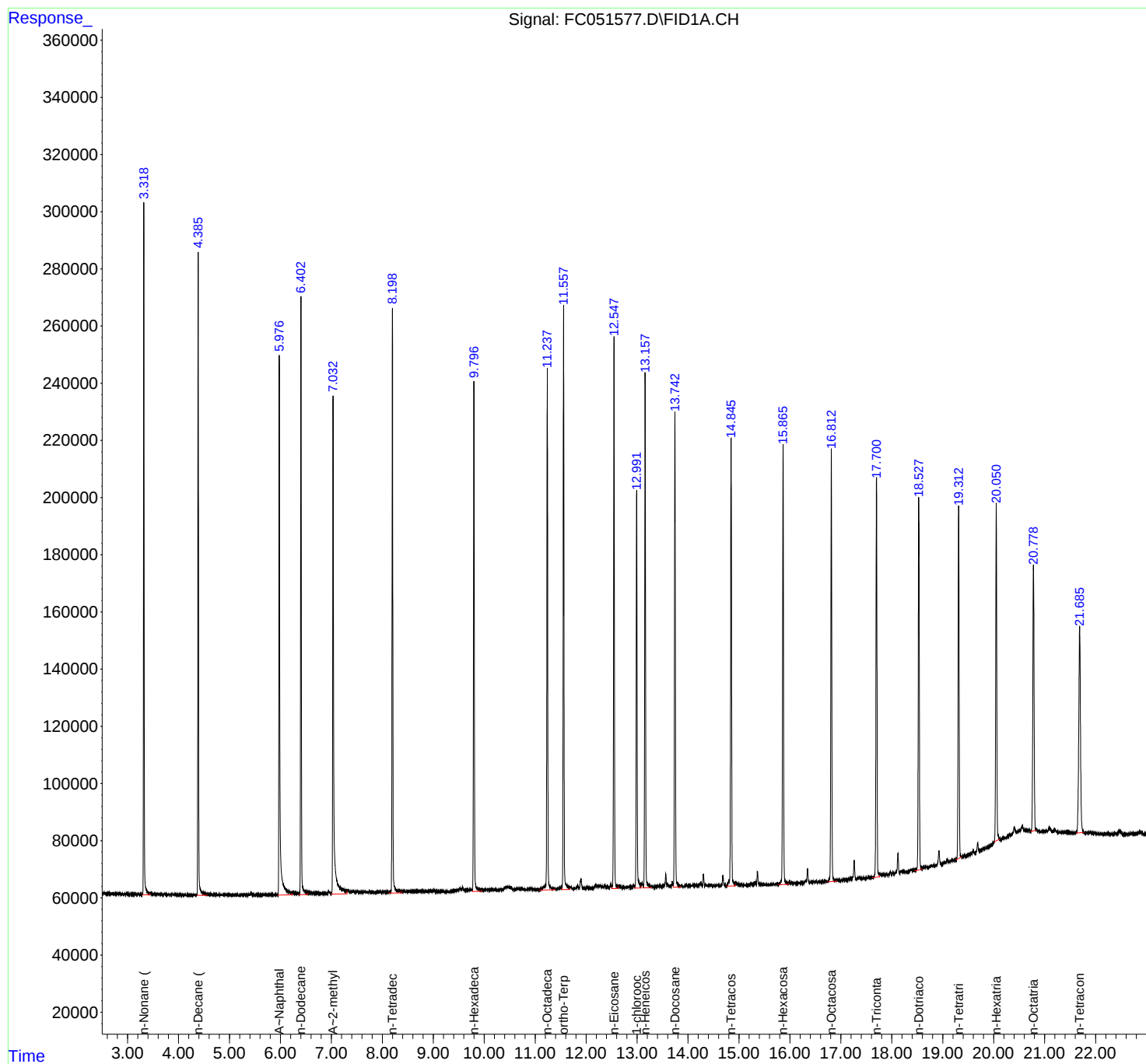
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

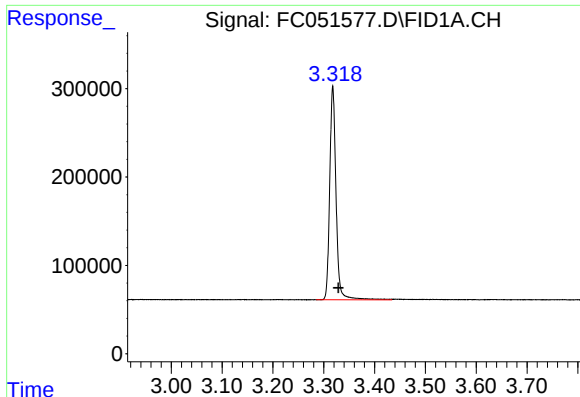
Manual Integrations
APPROVED

Ankita
1/6/2021 12:12:36 PM

Integration File: autoint1.e
Quant Time: Jan 06 09:01:25 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 122120.M
Quant Title : GC Extractables
QLast Update : Tue Dec 22 00:33:00 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





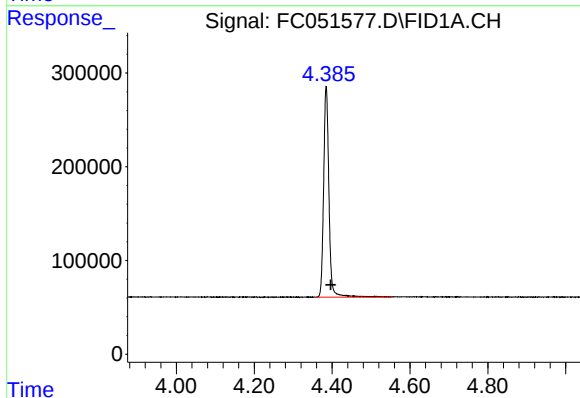
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: -0.011 min
Response: 2097172
Conc: 21.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

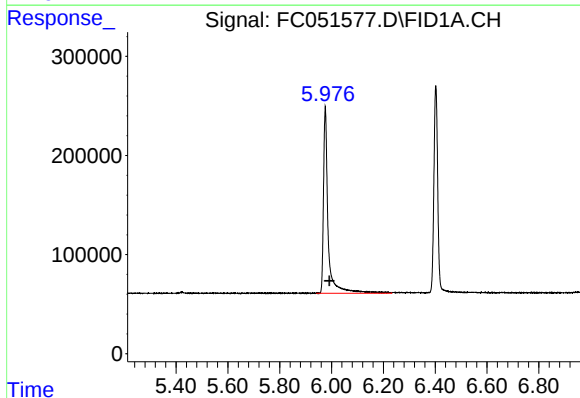
Manual Integrations
APPROVED

Ankita
1/6/2021 12:12:36 PM



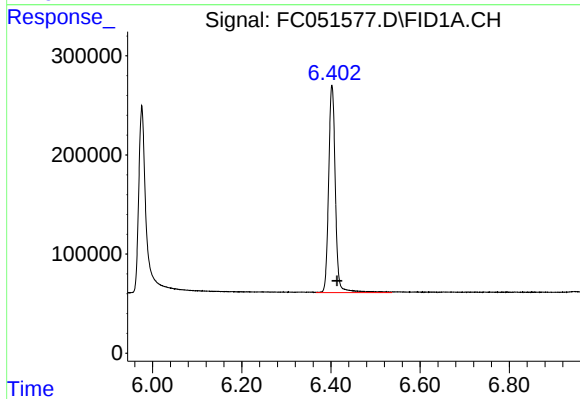
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.011 min
Response: 2141261
Conc: 21.65 ug/ml



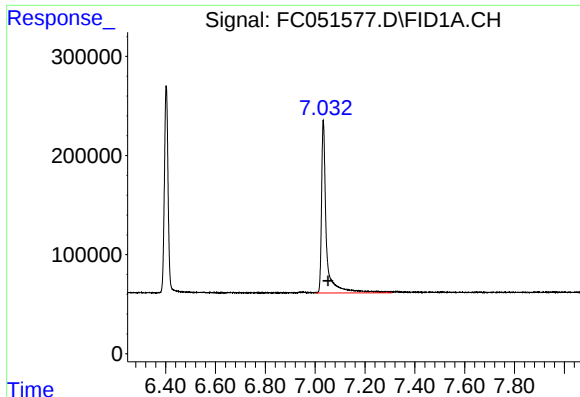
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.016 min
Response: 2355095
Conc: 22.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.402 min
Delta R.T.: -0.011 min
Response: 2204611
Conc: 21.57 ug/ml



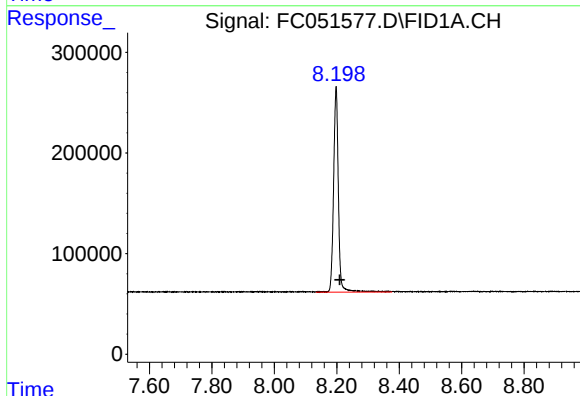
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: -0.019 min
Response: 2406091
Conc: 22.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

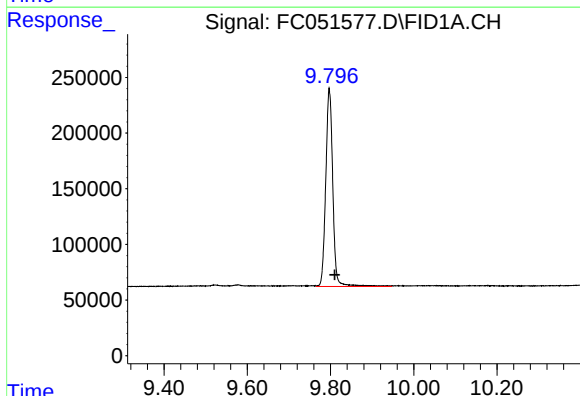
Manual Integrations
APPROVED

Ankita
1/6/2021 12:12:36 PM



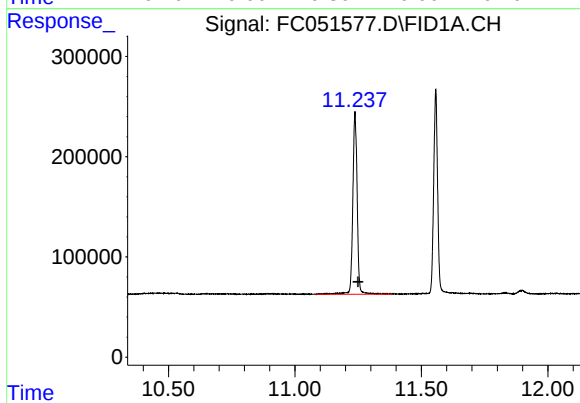
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.011 min
Response: 2192029
Conc: 21.61 ug/ml



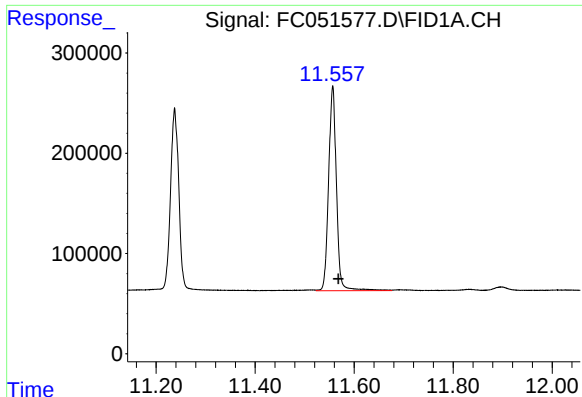
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.013 min
Response: 2093827
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.238 min
Delta R.T.: -0.013 min
Response: 2220176
Conc: 20.82 ug/ml



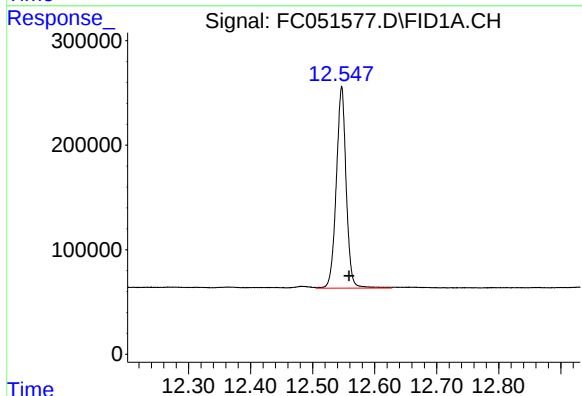
#9 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: -0.012 min
Response: 2256604
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

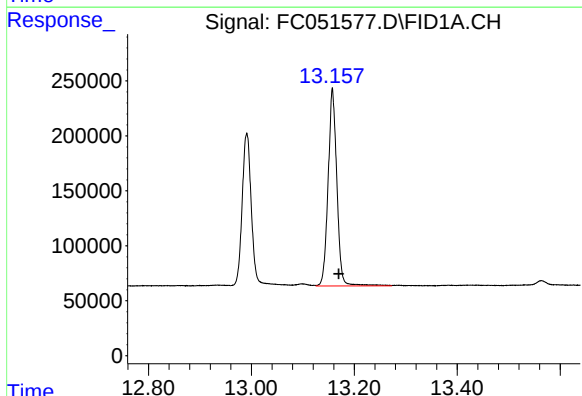
Manual Integrations
APPROVED

Ankita
1/6/2021 12:12:36 PM



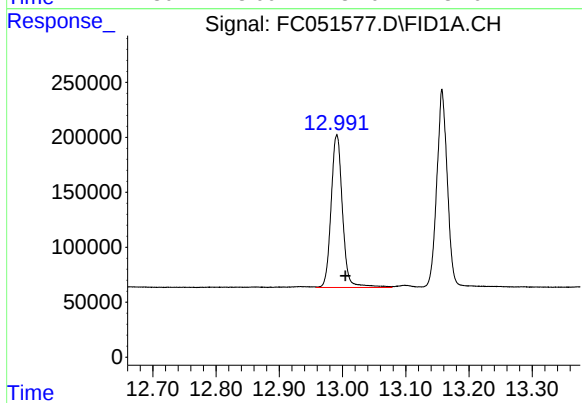
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.012 min
Response: 2142555
Conc: 19.90 ug/ml



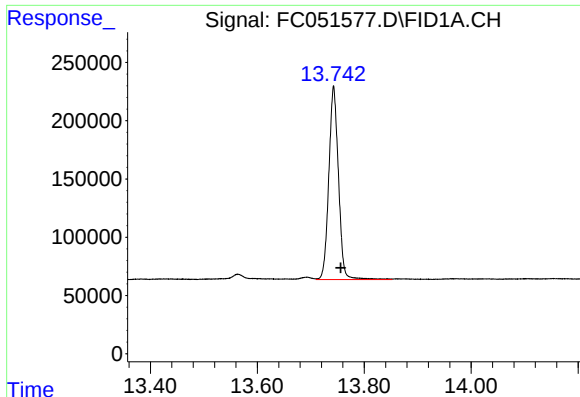
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.012 min
Response: 2120471
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.014 min
Response: 1741569
Conc: 19.31 ug/ml



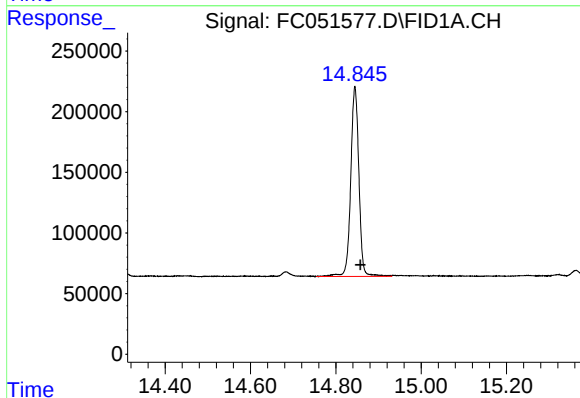
#13 n-Docosane (C22)

R.T.: 13.743 min
Delta R.T.: -0.013 min
Response: 2076566
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

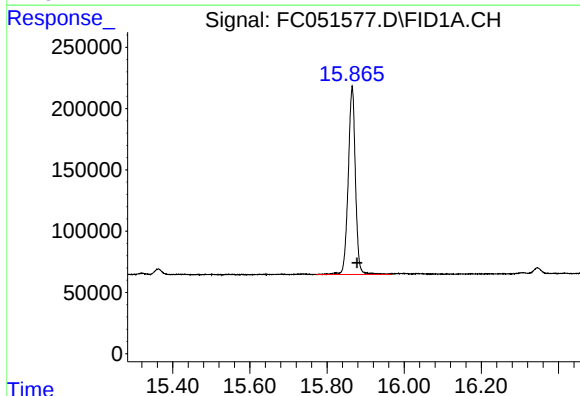
Manual Integrations
APPROVED

Ankita
1/6/2021 12:12:36 PM



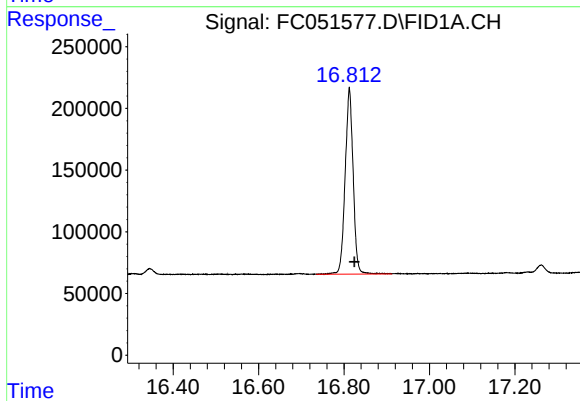
#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.013 min
Response: 2084746
Conc: 19.70 ug/ml



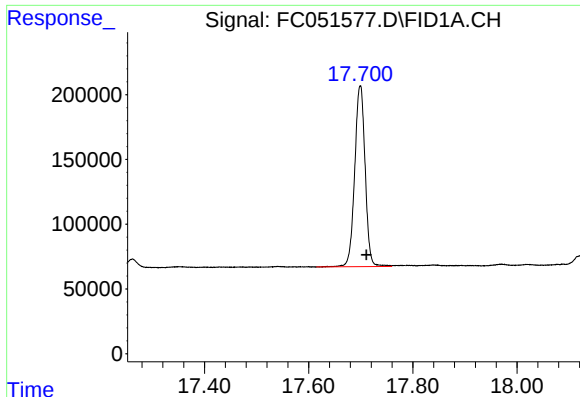
#15 n-Hexacosane (C26)

R.T.: 15.865 min
Delta R.T.: -0.013 min
Response: 1999631
Conc: 19.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.813 min
Delta R.T.: -0.012 min
Response: 1962763
Conc: 19.28 ug/ml



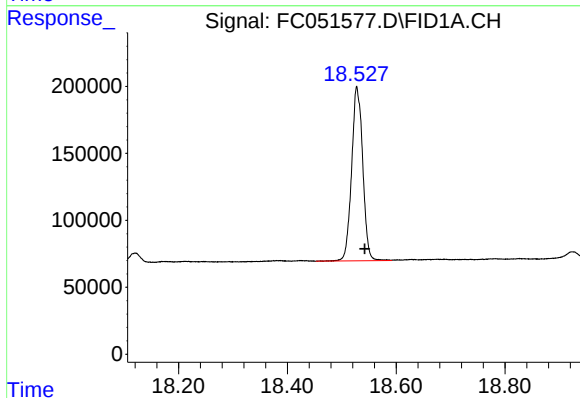
#17 n-Tricontane (C30)

R.T.: 17.699 min
Delta R.T.: -0.012 min
Response: 1945277
Conc: 19.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

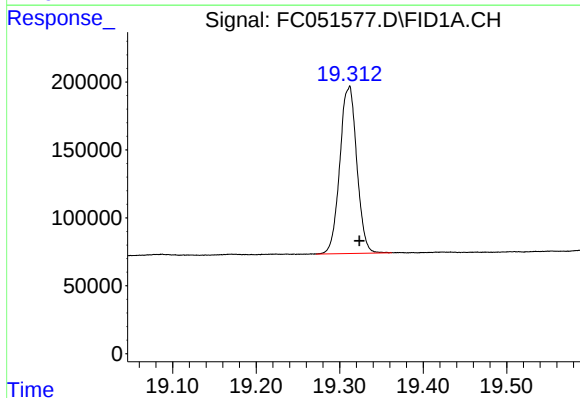
Manual Integrations
APPROVED

Ankita
1/6/2021 12:12:36 PM



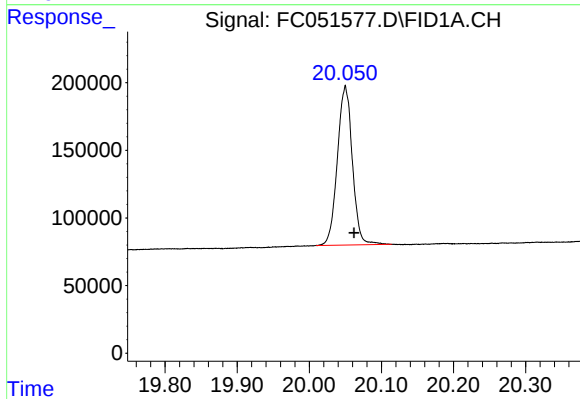
#18 n-Dotriacontane (C32)

R.T.: 18.528 min
Delta R.T.: -0.014 min
Response: 1843739
Conc: 20.35 ug/ml



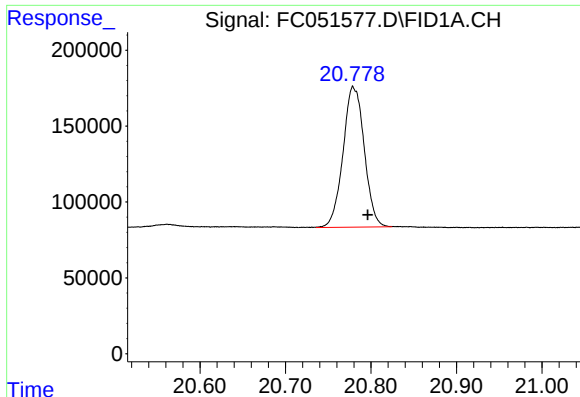
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min
Delta R.T.: -0.012 min
Response: 1736833
Conc: 20.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.050 min
Delta R.T.: -0.013 min
Response: 1697643
Conc: 20.02 ug/ml m



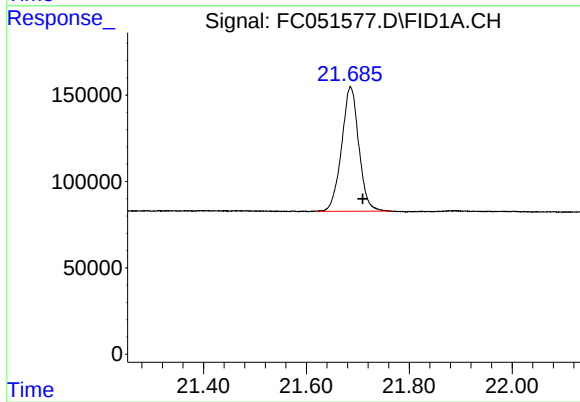
#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.018 min
Response: 1597449
Conc: 20.87 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
1/6/2021 12:12:36 PM



#22 n-Tetracontane (C40)

R.T.: 21.685 min
Delta R.T.: -0.024 min
Response: 1671830
Conc: 21.14 ug/ml m