

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060520AL\
 Data File : FC047767.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jun 2020 3:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 6/8/2020 5:02:46 PM

Integration File: autoint1.e
 Quant Time: Jun 06 06:37:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.737	2215393	18.532 ug/ml
Spiked Amount 50.000		Recovery =	37.06%
12) S 1-chlorooctadecane (S...	13.151	1778591	18.134 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
Target Compounds			
1) T n-Nonane (C9)	3.544	2176715	21.472 ug/ml
2) T n-Decane (C10)	4.607	2193709	21.467 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2156186	20.707 ug/ml
4) T n-Dodecane (C12)	6.608	2226743	21.082 ug/ml
5) T A~2-methylnaphthalene...	7.255	2163141	20.599 ug/ml
6) T n-Tetradecane (C14)	8.387	2180772	20.617 ug/ml
7) T n-Hexadecane (C16)	9.974	2113611	19.976 ug/ml
8) T n-Octadecane (C18)	11.405	2154905	19.244 ug/ml
10) T n-Eicosane (C20)	12.705	2110361	18.547 ug/ml
11) T n-Heneicosane (C21)	13.313	2080187	18.297 ug/ml
13) T n-Docosane (C22)	13.895	2044995	17.996 ug/ml
14) T n-Tetracosane (C24)	14.991	1995391	17.636 ug/ml
15) T n-Hexacosane (C26)	16.007	1951495	17.423 ug/ml
16) T n-Octacosane (C28)	16.949	1963662	17.605 ug/ml
17) T n-Tricontane (C30)	17.832	1962937	18.155 ug/ml
18) T n-Dotriacontane (C32)	18.658	1852992	18.790 ug/mlm
19) T n-Tetratriacontane (C34)	19.438	1723291	18.788 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1683575	19.413 ug/mlm
21) T n-Octatriacontane (C38)	20.927	1604280	19.883 ug/ml
22) T n-Tetracontane (C40)	21.874	1731569	21.293 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060520AL\
Data File : FC047767.D
Signal(s) : FID1A.CH
Acq On : 06 Jun 2020 3:53
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

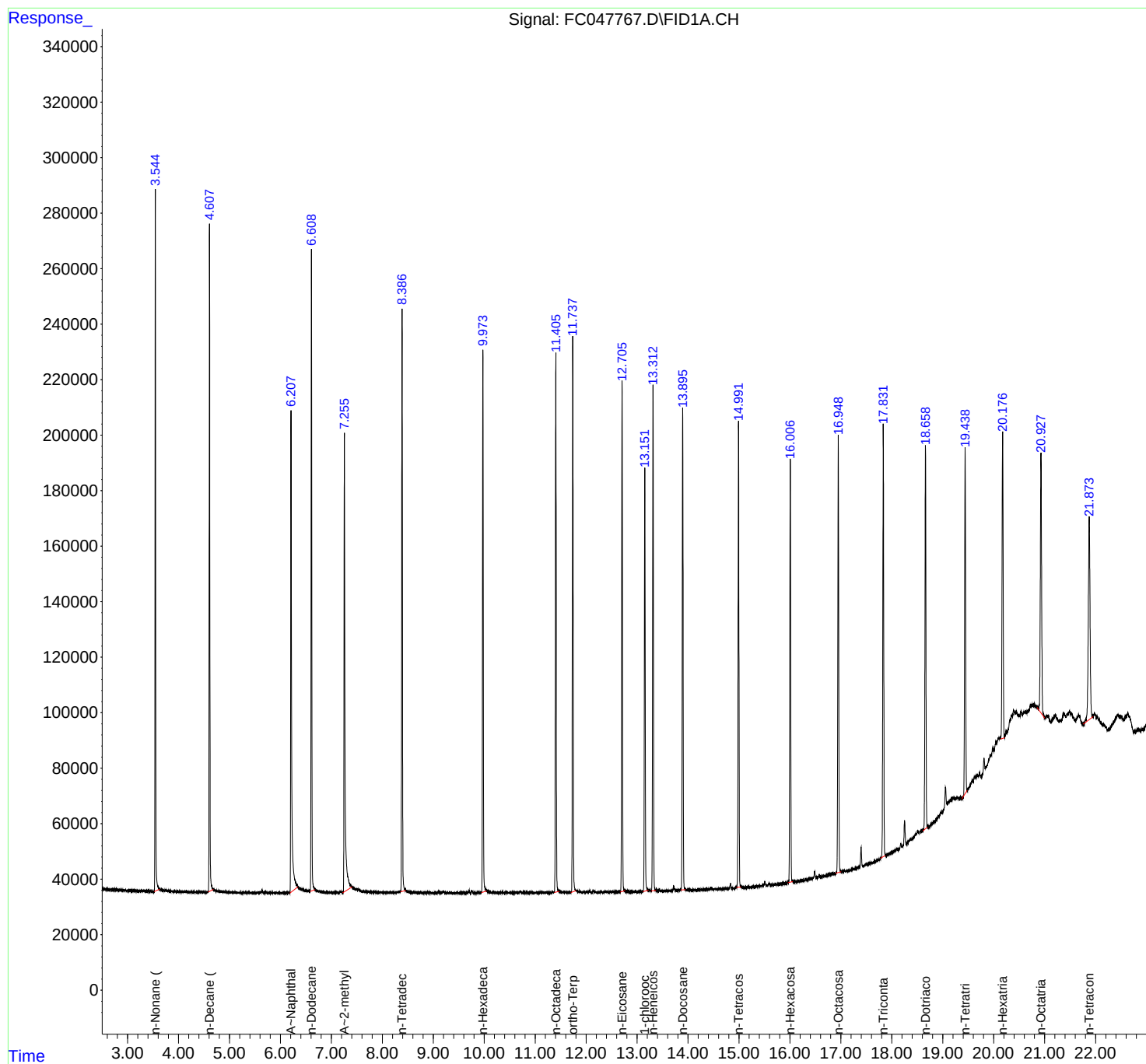
Instrument :
FID_C
ClientSampled :

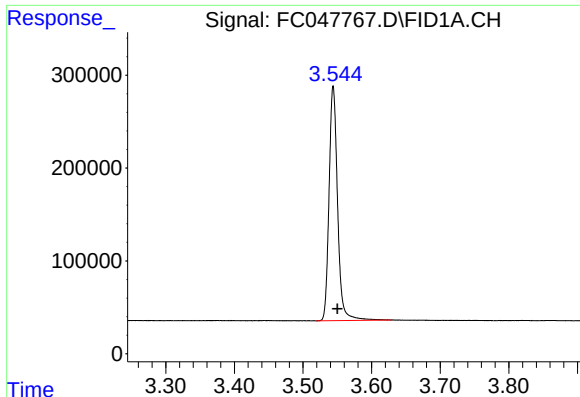
Manual Integrations
APPROVED

Sohil
6/8/2020 5:02:46 PM

Integration File: autoint1.e
Quant Time: Jun 06 06:37:23 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050820.M
Quant Title : GC Extractables
QLast Update : Fri May 08 16:49:27 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





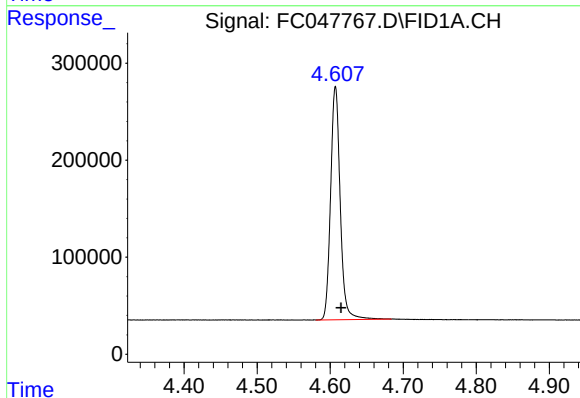
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: -0.006 min
Response: 2176715
Conc: 21.47 ug/ml

Instrument :
FID_C
ClientSampleId :

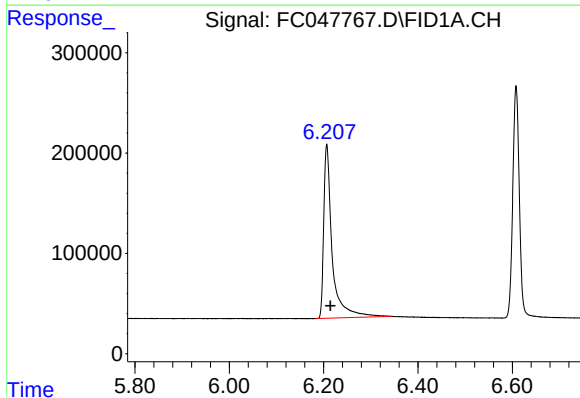
Manual Integrations
APPROVED

Sohil
6/8/2020 5:02:46 PM



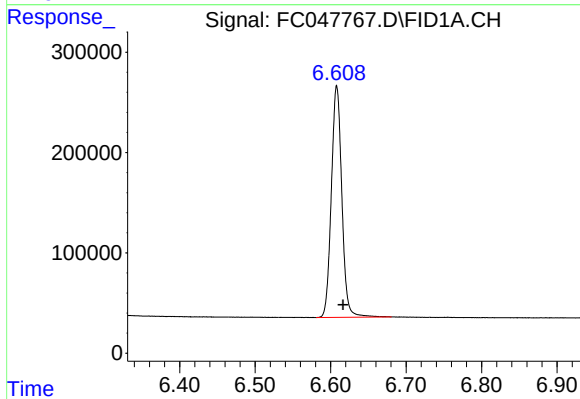
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.008 min
Response: 2193709
Conc: 21.47 ug/ml



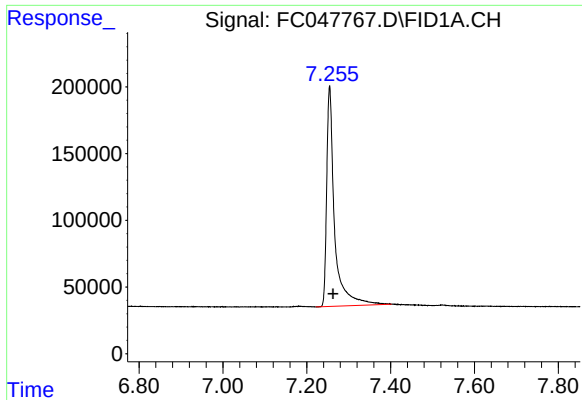
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.008 min
Response: 2156186
Conc: 20.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.608 min
Delta R.T.: -0.009 min
Response: 2226743
Conc: 21.08 ug/ml



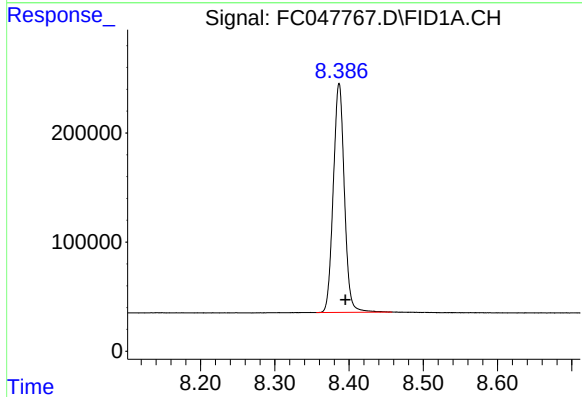
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.008 min
Response: 2163141
Conc: 20.60 ug/ml

Instrument :
FID_C
ClientSampleId :

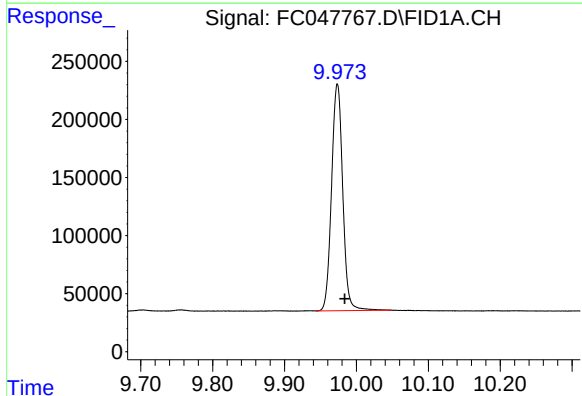
Manual Integrations
APPROVED

Sohil
6/8/2020 5:02:46 PM



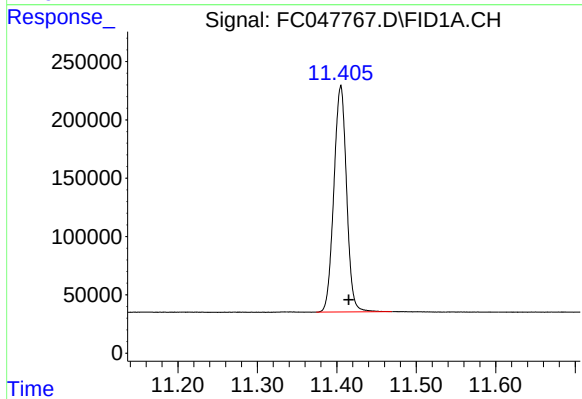
#6 n-Tetradecane (C14)

R.T.: 8.387 min
Delta R.T.: -0.009 min
Response: 2180772
Conc: 20.62 ug/ml



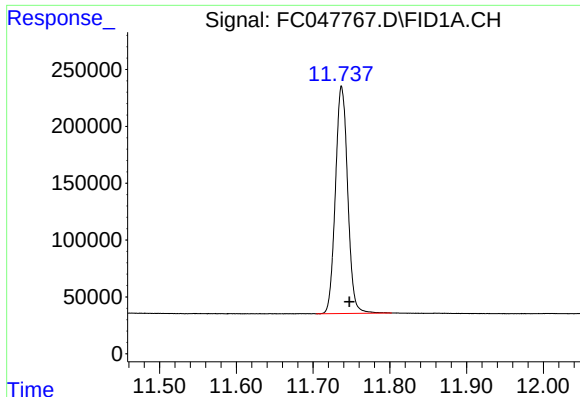
#7 n-Hexadecane (C16)

R.T.: 9.974 min
Delta R.T.: -0.010 min
Response: 2113611
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.405 min
Delta R.T.: -0.010 min
Response: 2154905
Conc: 19.24 ug/ml



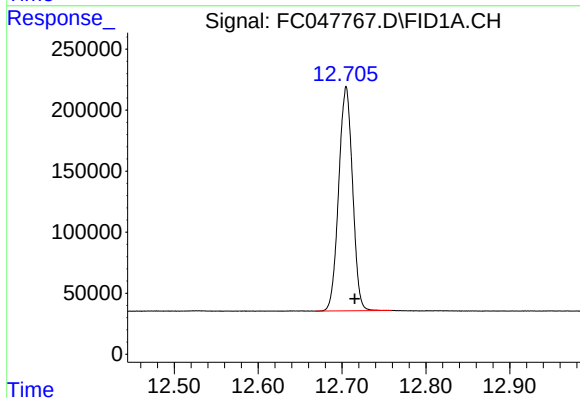
#9 ortho-Terphenyl (SURR)

R.T.: 11.737 min
Delta R.T.: -0.010 min
Response: 2215393
Conc: 18.53 ug/ml

Instrument :
FID_C
ClientSampleId :

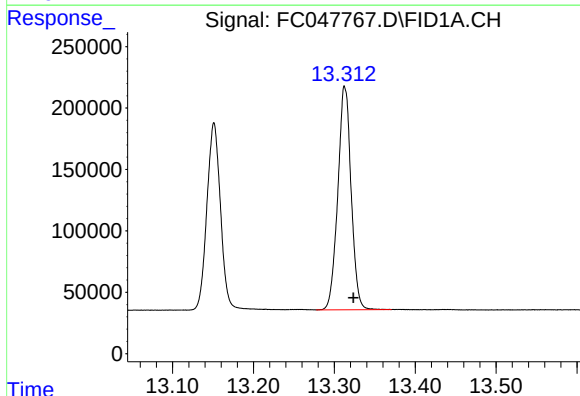
Manual Integrations
APPROVED

Sohil
6/8/2020 5:02:46 PM



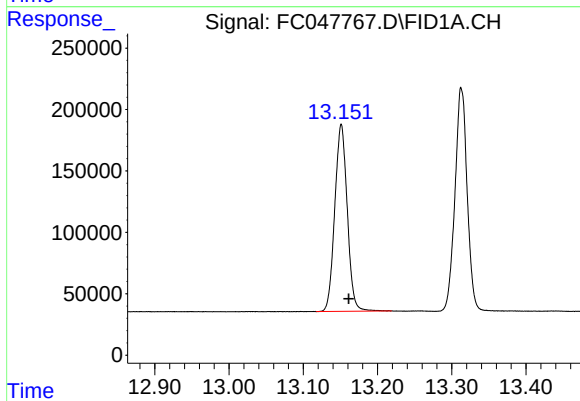
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: -0.010 min
Response: 2110361
Conc: 18.55 ug/ml



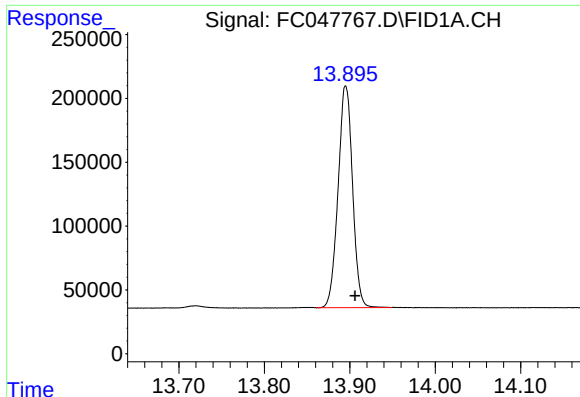
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: -0.011 min
Response: 2080187
Conc: 18.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: -0.010 min
Response: 1778591
Conc: 18.13 ug/ml



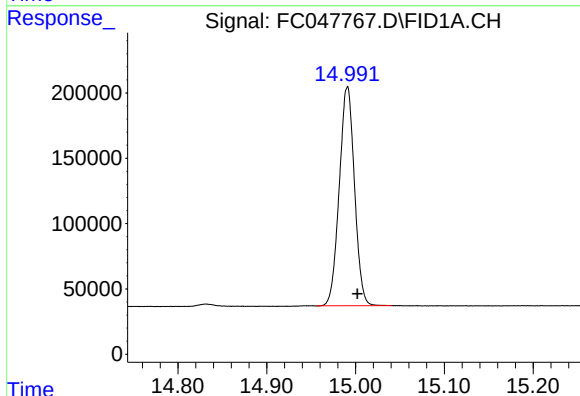
#13 n-Docosane (C22)

R.T.: 13.895 min
Delta R.T.: -0.011 min
Response: 2044995
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :

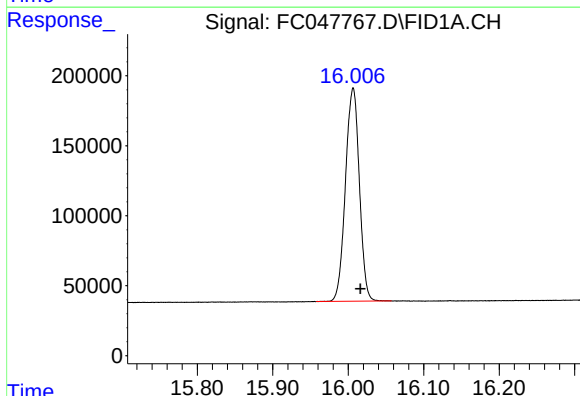
Manual Integrations
APPROVED

Sohil
6/8/2020 5:02:46 PM



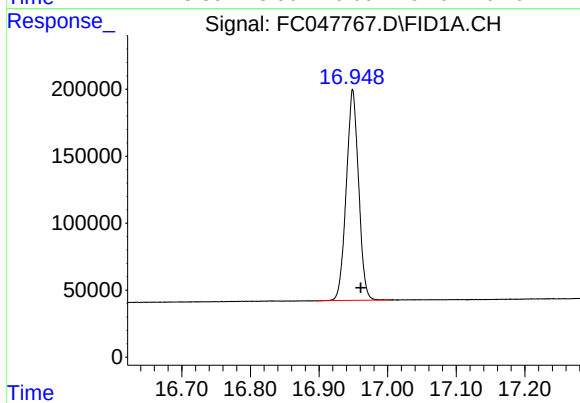
#14 n-Tetracosane (C24)

R.T.: 14.991 min
Delta R.T.: -0.011 min
Response: 1995391
Conc: 17.64 ug/ml



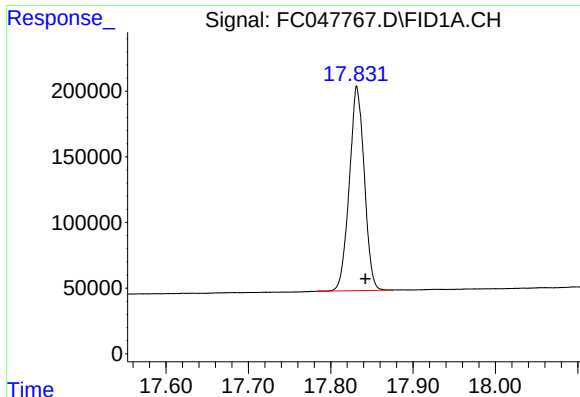
#15 n-Hexacosane (C26)

R.T.: 16.007 min
Delta R.T.: -0.009 min
Response: 1951495
Conc: 17.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.012 min
Response: 1963662
Conc: 17.61 ug/ml



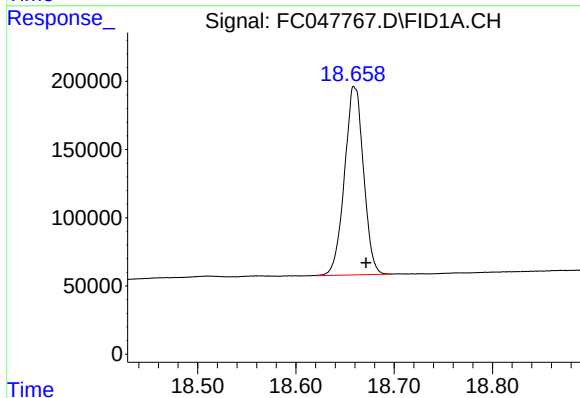
#17 n-Tricontane (C30)

R.T.: 17.832 min
Delta R.T.: -0.010 min
Response: 1962937
Conc: 18.15 ug/ml

Instrument :
FID_C
ClientSampleId :

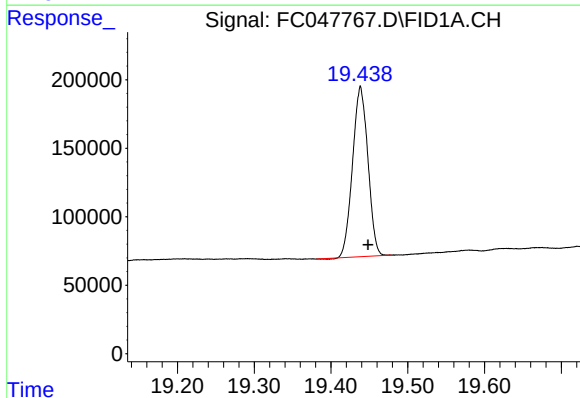
Manual Integrations
APPROVED

Sohil
6/8/2020 5:02:46 PM



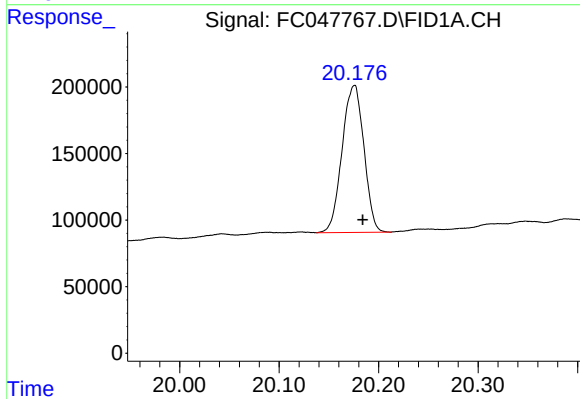
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: -0.013 min
Response: 1852992
Conc: 18.79 ug/ml m



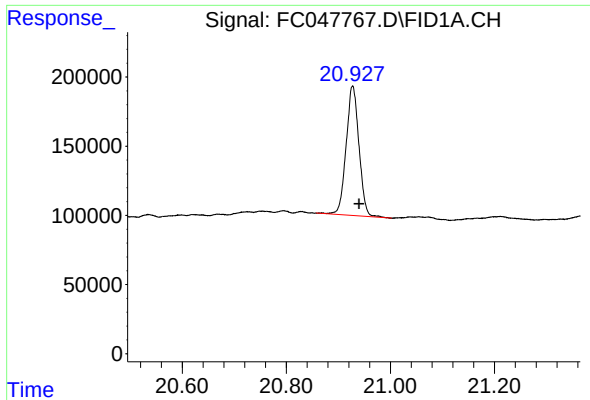
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.010 min
Response: 1723291
Conc: 18.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: -0.008 min
Response: 1683575
Conc: 19.41 ug/ml m



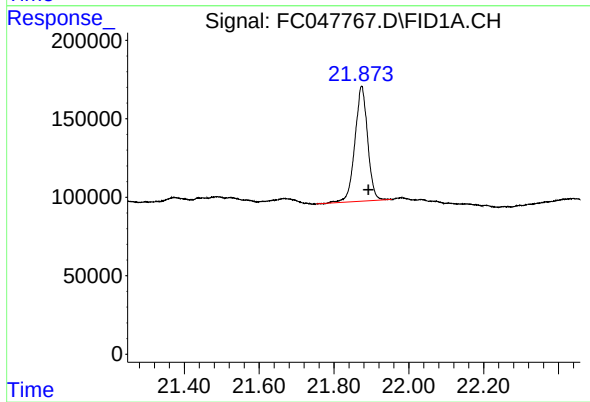
#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: -0.012 min
Response: 1604280
Conc: 19.88 ug/ml

Instrument :
FID_C
ClientSampleId :

Manual Integrations
APPROVED

Sohil
6/8/2020 5:02:46 PM



#22 n-Tetracontane (C40)

R.T.: 21.874 min
Delta R.T.: -0.018 min
Response: 1731569
Conc: 21.29 ug/ml