

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092320AL\
 Data File : FC049758.D
 Signal(s) : FID1A.CH
 Acq On : 24 Sep 2020 12:11
 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
 9/24/2020 3:26:08 PM

Integration File: autoint1.e
 Quant Time: Sep 24 13:06:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.662	2059303	17.923 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
12) S 1-chlorooctadecane (S...	13.095	1572164	17.650 ug/ml
Spiked Amount 50.000		Recovery =	35.30%
Target Compounds			
1) T n-Nonane (C9)	3.398	2107385	20.371 ug/ml
2) T n-Decane (C10)	4.471	2124994	20.459 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2269592	19.739 ug/ml
4) T n-Dodecane (C12)	6.496	2118525	20.042 ug/ml
5) T A~2-methylnaphthalene...	7.128	2265882	19.380 ug/ml
6) T n-Tetradecane (C14)	8.293	2052506	19.456 ug/ml
7) T n-Hexadecane (C16)	9.895	1958044	18.815 ug/ml
8) T n-Octadecane (C18)	11.339	1972504	18.354 ug/ml
10) T n-Eicosane (C20)	12.648	1923746	17.965 ug/ml
11) T n-Heneicosane (C21)	13.261	1891469	17.774 ug/ml
13) T n-Docosane (C22)	13.846	1880758	17.773 ug/ml
14) T n-Tetracosane (C24)	14.949	1853019	17.708 ug/ml
15) T n-Hexacosane (C26)	15.971	1846284	18.061 ug/ml
16) T n-Octacosane (C28)	16.920	1877029	18.677 ug/ml
17) T n-Tricontane (C30)	17.808	1898551	19.499 ug/ml
18) T n-Dotriacontane (C32)	18.637	1841202	20.376 ug/ml
19) T n-Tetratriacontane (C34)	19.421	1743764	20.370 ug/ml
20) T n-Hexatriacontane (C36)	20.160	1705576	21.170 ug/mlm
21) T n-Octatriacontane (C38)	20.911	1676004	22.138 ug/ml
22) T n-Tetracontane (C40)	21.859	1629279	20.939 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092320AL\
Data File : FC049758.D
Signal(s) : FID1A.CH
Acq On : 24 Sep 2020 12:11
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

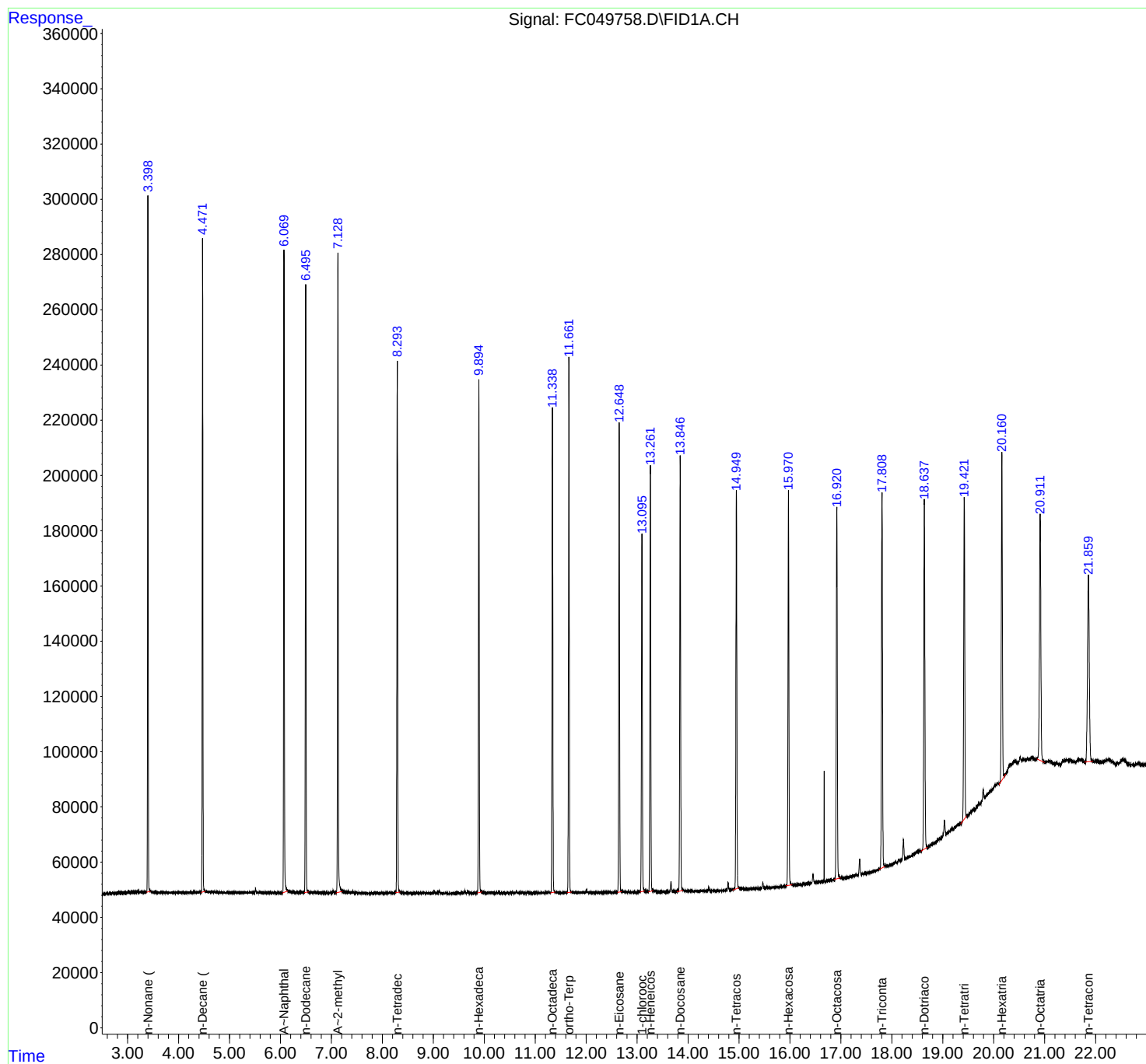
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

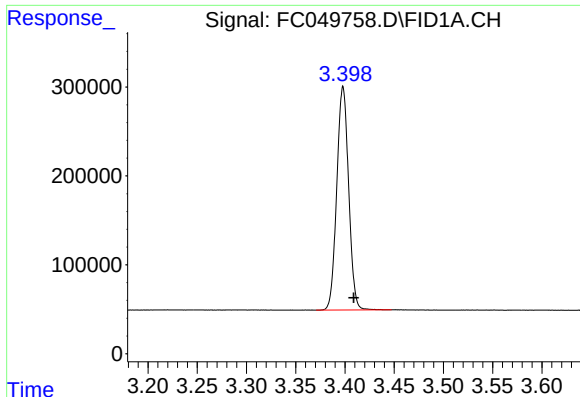
Manual Integrations
APPROVED

Ankita
9/24/2020 3:26:08 PM

Integration File: autoint1.e
Quant Time: Sep 24 13:06:28 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 090820.M
Quant Title : GC Extractables
QLast Update : Wed Sep 09 05:58:47 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





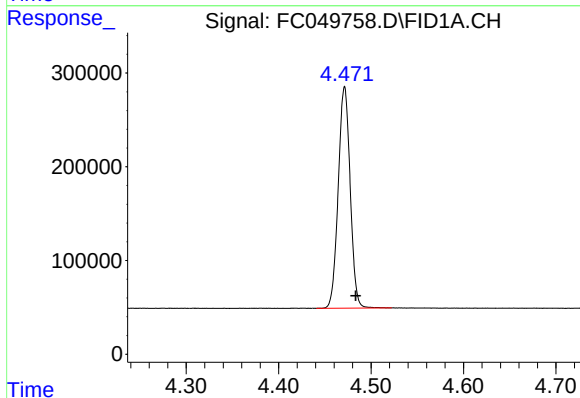
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: -0.011 min
Response: 2107385
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

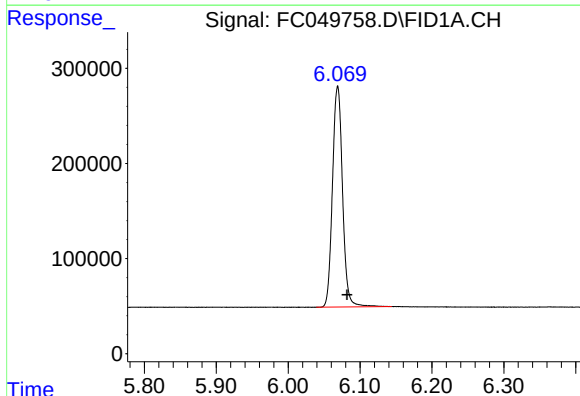
Manual Integrations
APPROVED

Ankita
9/24/2020 3:26:08 PM



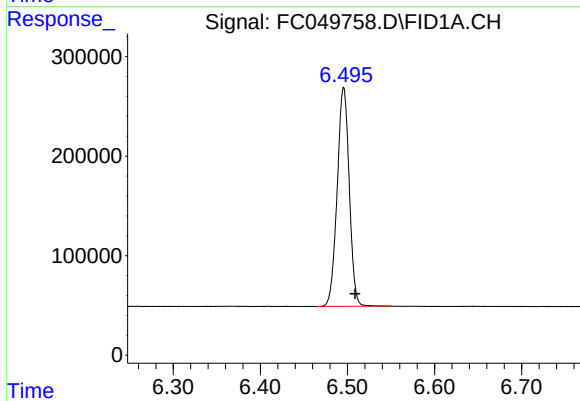
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.012 min
Response: 2124994
Conc: 20.46 ug/ml



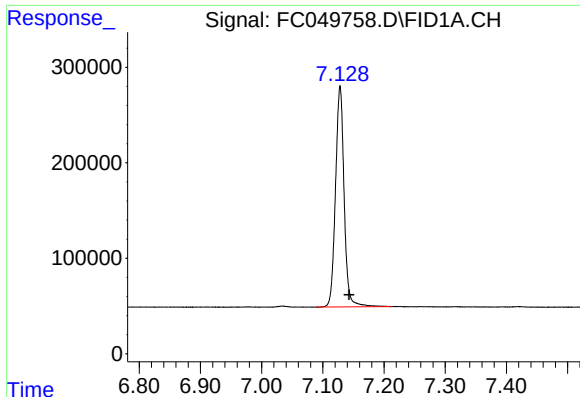
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.013 min
Response: 2269592
Conc: 19.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 2118525
Conc: 20.04 ug/ml



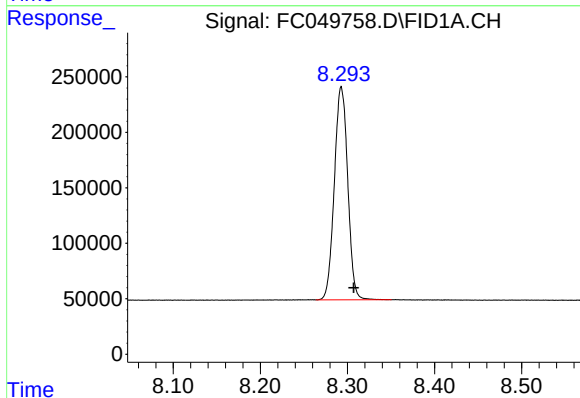
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: -0.014 min
Response: 2265882
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

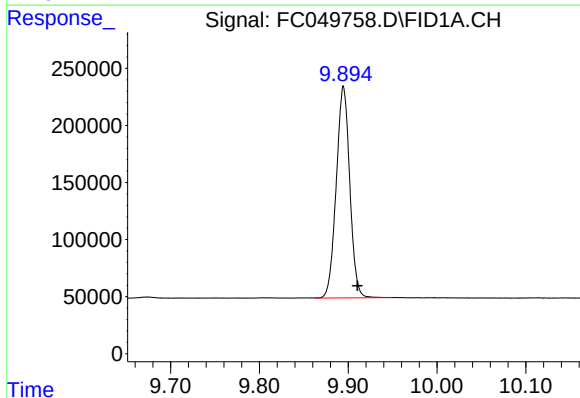
Manual Integrations
APPROVED

Ankita
9/24/2020 3:26:08 PM



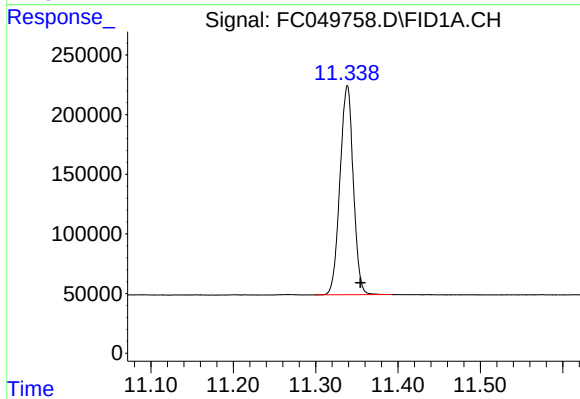
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.014 min
Response: 2052506
Conc: 19.46 ug/ml



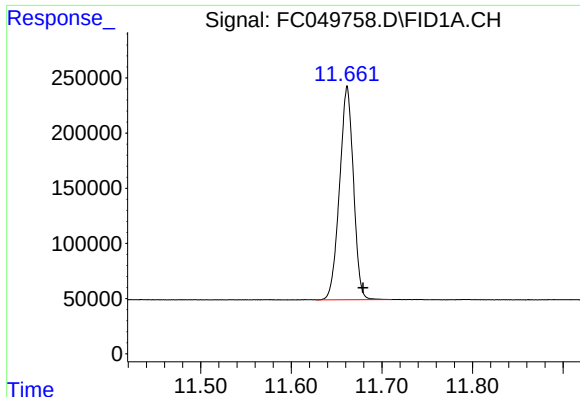
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.015 min
Response: 1958044
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: -0.016 min
Response: 1972504
Conc: 18.35 ug/ml



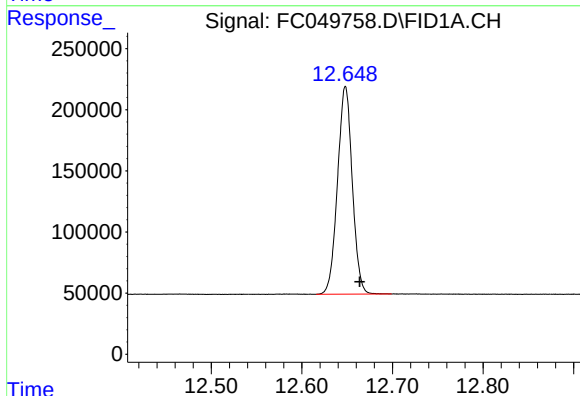
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.017 min
Response: 2059303
Conc: 17.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

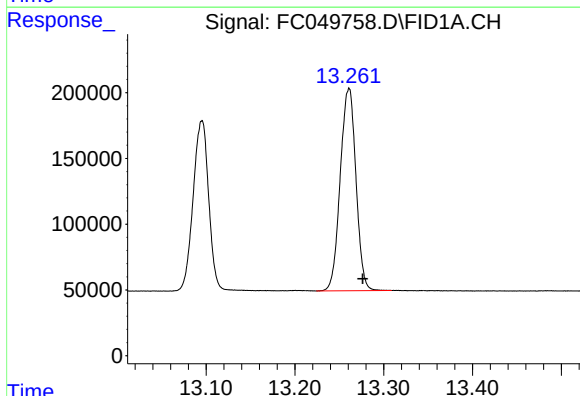
Manual Integrations
APPROVED

Ankita
9/24/2020 3:26:08 PM



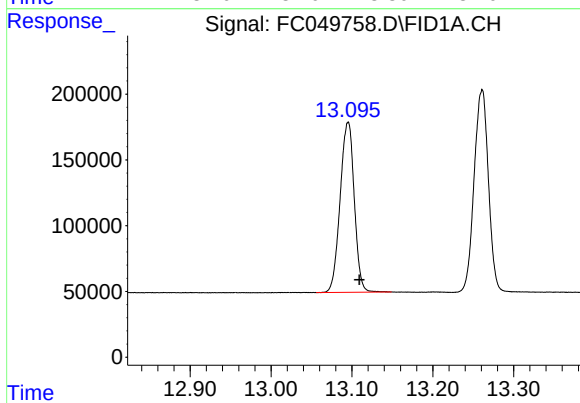
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: -0.016 min
Response: 1923746
Conc: 17.97 ug/ml



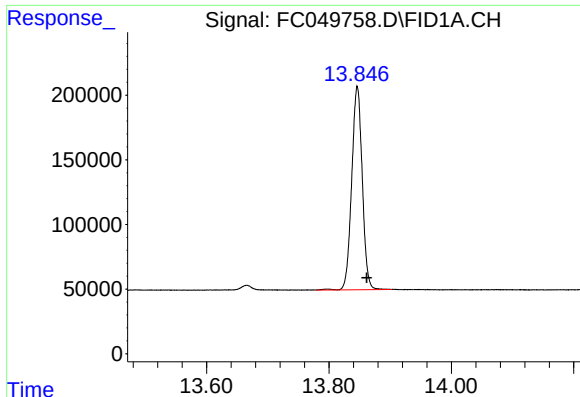
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: -0.016 min
Response: 1891469
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.095 min
Delta R.T.: -0.014 min
Response: 1572164
Conc: 17.65 ug/ml



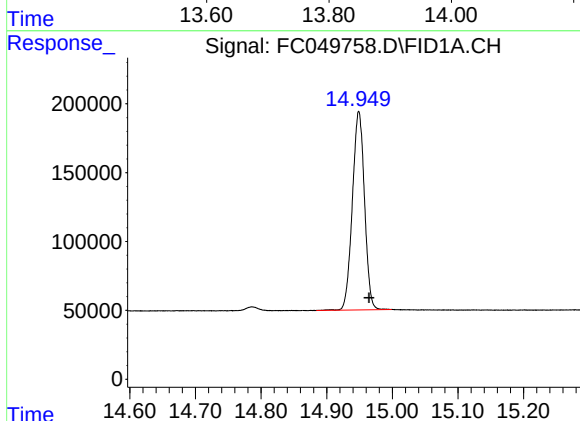
#13 n-Docosane (C22)

R.T.: 13.846 min
Delta R.T.: -0.015 min
Response: 1880758
Conc: 17.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

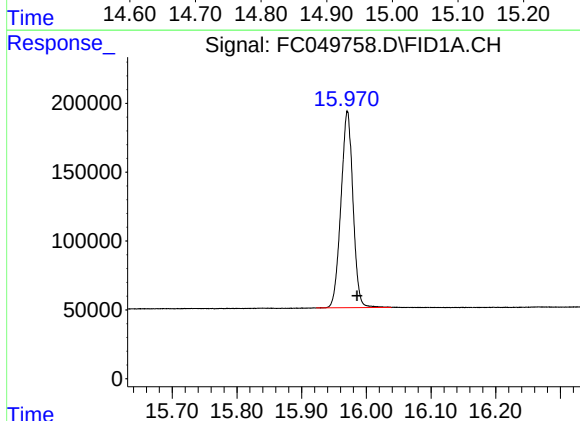
Manual Integrations
APPROVED

Ankita
9/24/2020 3:26:08 PM



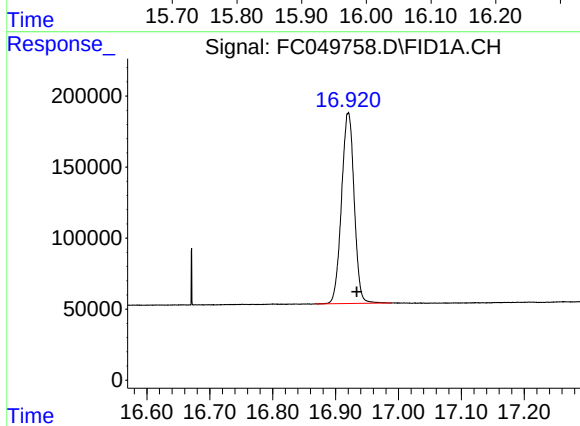
#14 n-Tetracosane (C24)

R.T.: 14.949 min
Delta R.T.: -0.015 min
Response: 1853019
Conc: 17.71 ug/ml



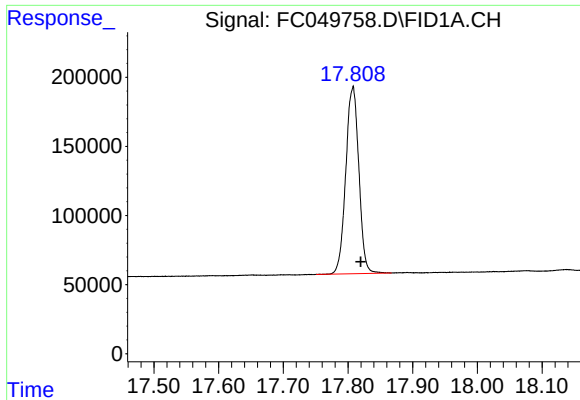
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.015 min
Response: 1846284
Conc: 18.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.920 min
Delta R.T.: -0.013 min
Response: 1877029
Conc: 18.68 ug/ml



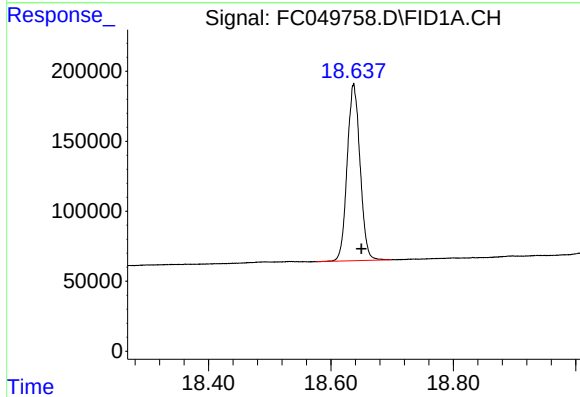
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: -0.012 min
Response: 1898551
Conc: 19.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

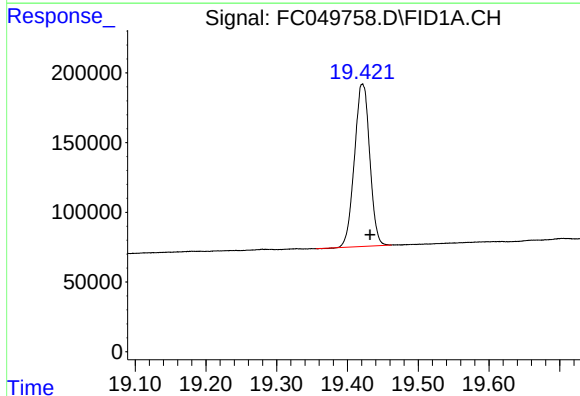
Manual Integrations
APPROVED

Ankita
9/24/2020 3:26:08 PM



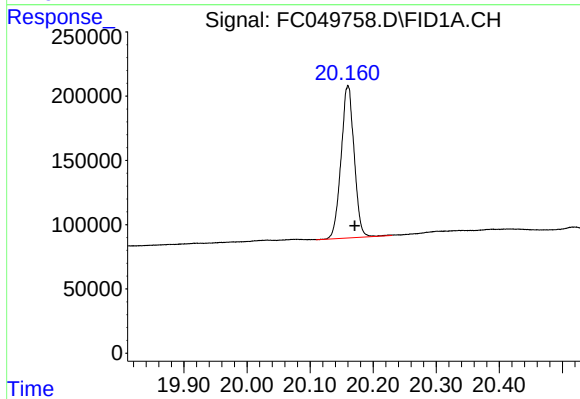
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.013 min
Response: 1841202
Conc: 20.38 ug/ml



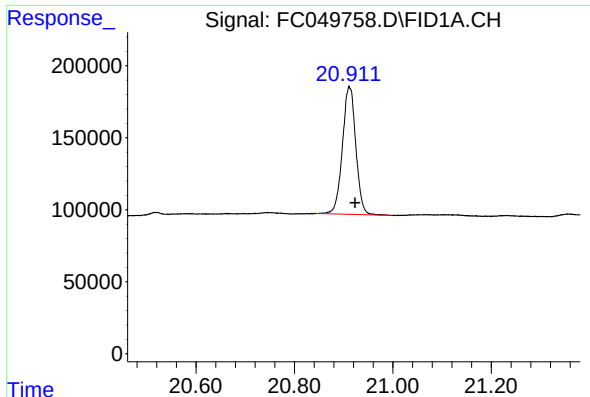
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min
Delta R.T.: -0.011 min
Response: 1743764
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.160 min
Delta R.T.: -0.011 min
Response: 1705576
Conc: 21.17 ug/ml m



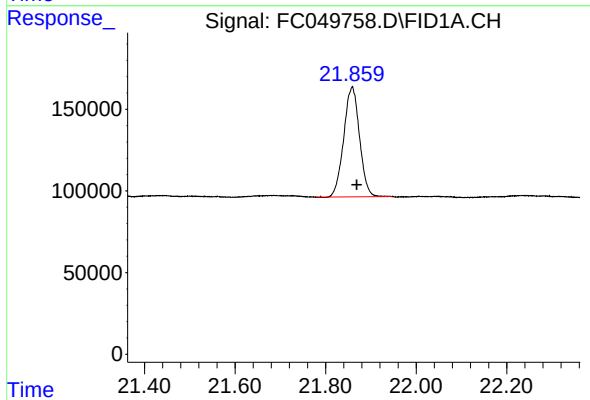
#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: -0.012 min
Response: 1676004
Conc: 22.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
9/24/2020 3:26:08 PM



#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: -0.010 min
Response: 1629279
Conc: 20.94 ug/ml