

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061820AL\
 Data File : FC047950.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2020 14:10
 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

Sohil
 6/22/2020 10:02:15 AM

Integration File: autoint1.e
 Quant Time: Jun 19 14:37:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.733	2174017	18.123 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
12) S 1-chlorooctadecane (S...	13.147	1724312	17.607 ug/ml
Spiked Amount 50.000		Recovery =	35.21%
Target Compounds			
1) T n-Nonane (C9)	3.541	2076705	20.752 ug/ml
2) T n-Decane (C10)	4.604	2095454	20.855 ug/ml
3) T A~Naphthalene (C11.7)	6.203	2099621	20.750 ug/ml
4) T n-Dodecane (C12)	6.603	2156600	20.601 ug/ml
5) T A~2-methylnaphthalene...	7.250	2132823	20.601 ug/ml
6) T n-Tetradecane (C14)	8.382	2140900	20.398 ug/ml
7) T n-Hexadecane (C16)	9.969	2074708	19.858 ug/ml
8) T n-Octadecane (C18)	11.400	2116657	19.042 ug/ml
10) T n-Eicosane (C20)	12.700	2068405	18.175 ug/ml
11) T n-Heneicosane (C21)	13.307	2027960	17.722 ug/ml
13) T n-Docosane (C22)	13.890	1981169	17.271 ug/ml
14) T n-Tetracosane (C24)	14.987	1902381	16.555 ug/ml
15) T n-Hexacosane (C26)	16.002	1830619	16.027 ug/ml
16) T n-Octacosane (C28)	16.945	1801125	15.847 ug/ml
17) T n-Tricontane (C30)	17.829	1757974	16.040 ug/mlm
18) T n-Dotriacontane (C32)	18.655	1649364	16.638 ug/mlm
19) T n-Tetratriacontane (C34)	19.435	1632354	17.823 ug/mlm
20) T n-Hexatriacontane (C36)	20.169	1560690	18.199 ug/mlm
21) T n-Octatriacontane (C38)	20.924	1595909	20.040 ug/mlm
22) T n-Tetracontane (C40)	21.866	1605577	20.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061820AL\
Data File : FC047950.D
Signal(s) : FID1A.CH
Acq On : 19 Jun 2020 14:10
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

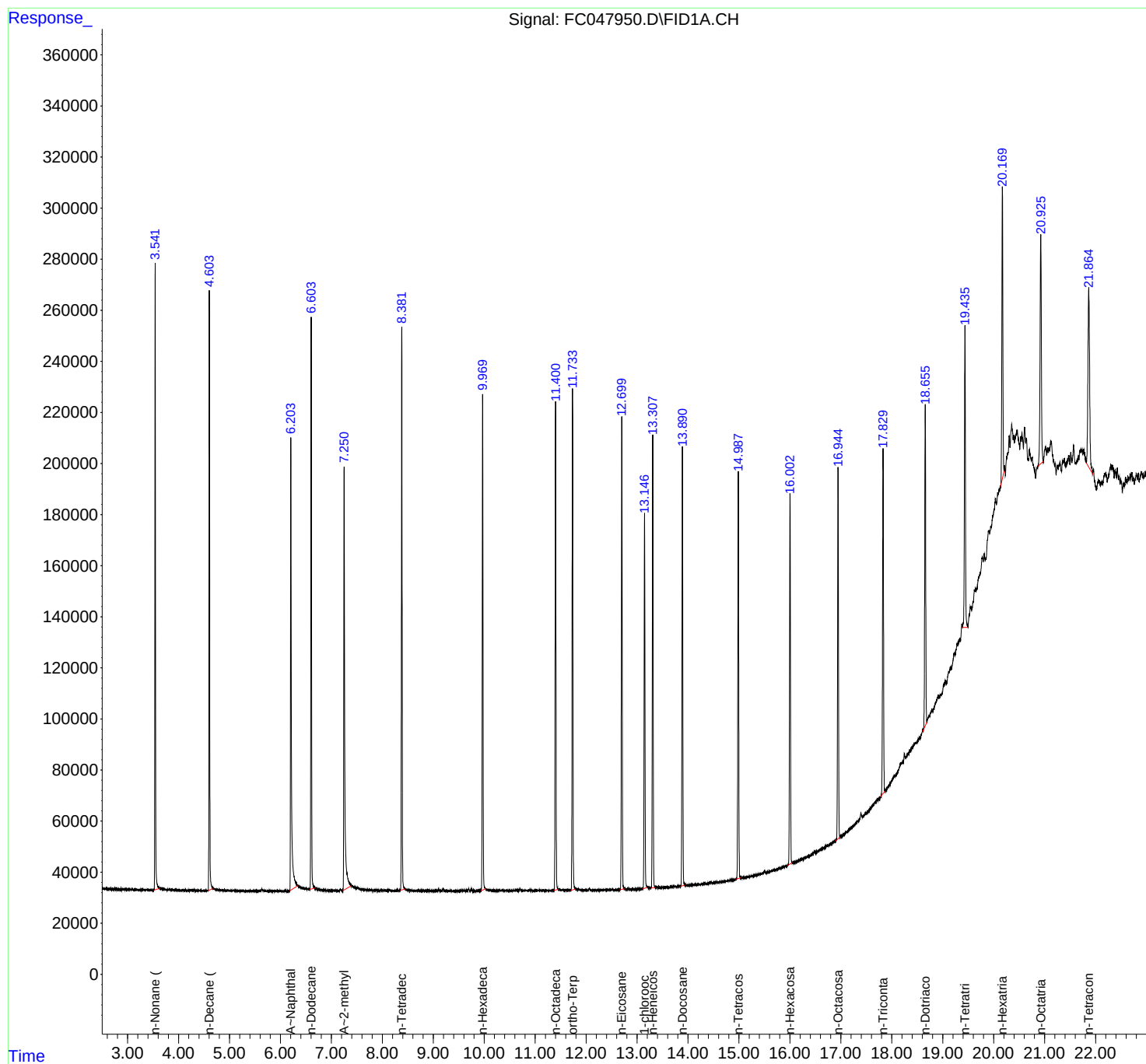
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

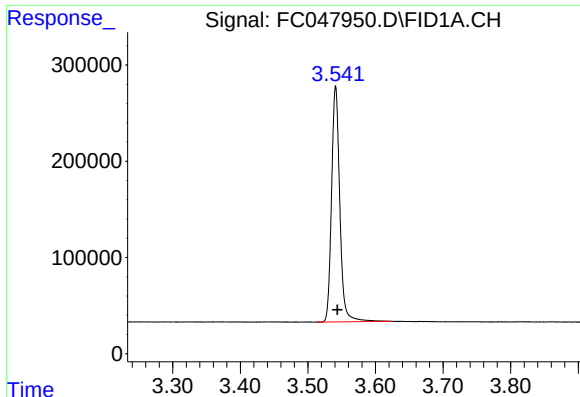
Manual Integrations
APPROVED

Sohil
6/22/2020 10:02:15 AM

Integration File: autoint1.e
Quant Time: Jun 19 14:37:50 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 060920.M
Quant Title : GC Extractables
QLast Update : Wed Jun 10 08:39:57 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





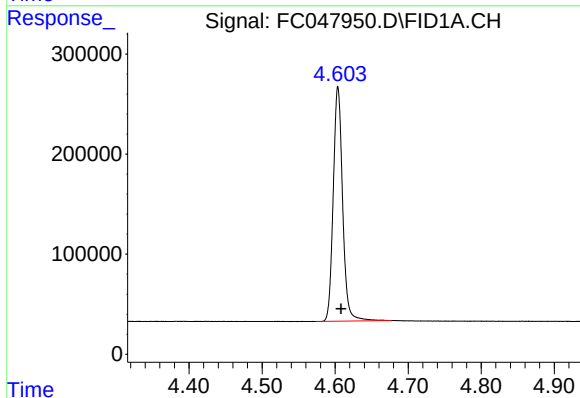
#1 n-Nonane (C9)

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 2076705
Conc: 20.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

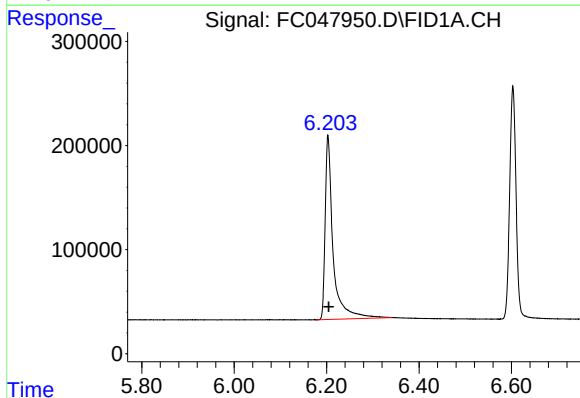
Manual Integrations
APPROVED

Sohil
6/22/2020 10:02:15 AM



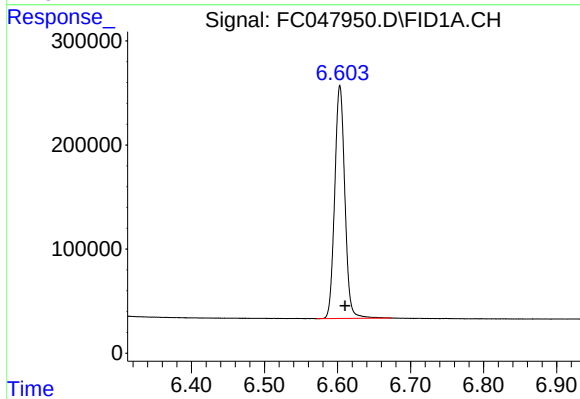
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 2095454
Conc: 20.86 ug/ml



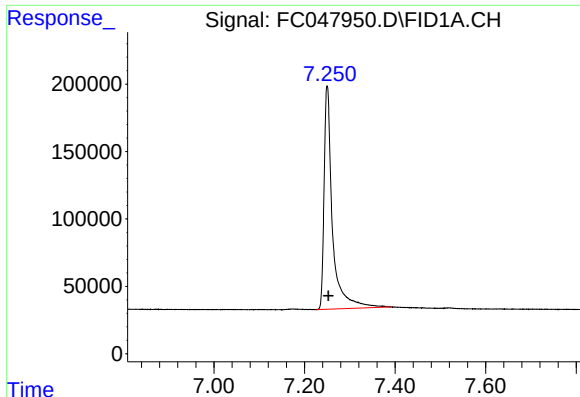
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 2099621
Conc: 20.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: -0.007 min
Response: 2156600
Conc: 20.60 ug/ml



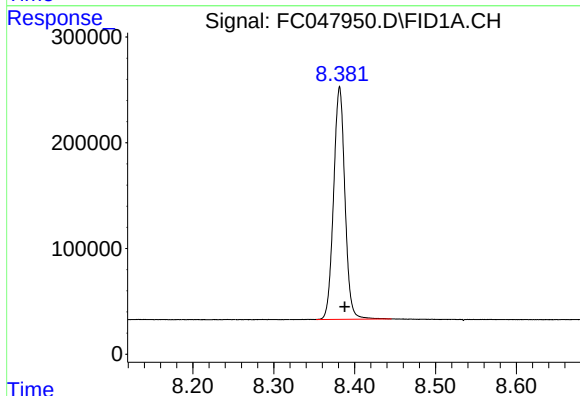
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.002 min
Response: 2132823
Conc: 20.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

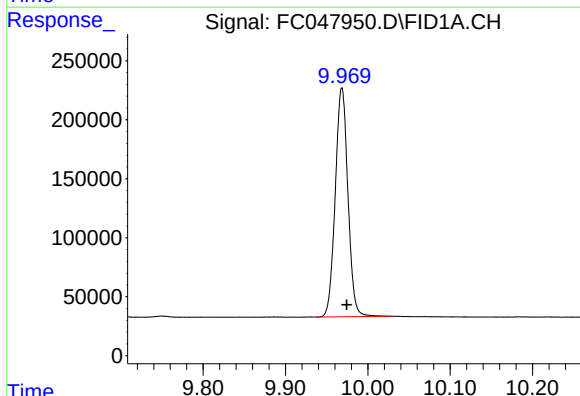
Manual Integrations
APPROVED

Sohil
6/22/2020 10:02:15 AM



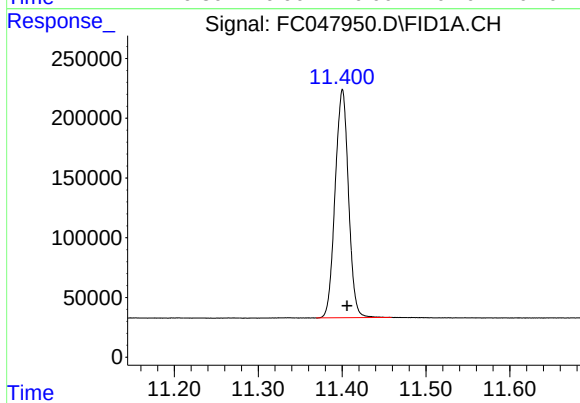
#6 n-Tetradecane (C14)

R.T.: 8.382 min
Delta R.T.: -0.006 min
Response: 2140900
Conc: 20.40 ug/ml



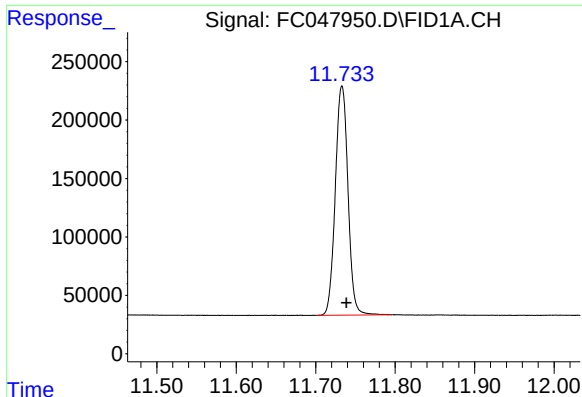
#7 n-Hexadecane (C16)

R.T.: 9.969 min
Delta R.T.: -0.006 min
Response: 2074708
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.400 min
Delta R.T.: -0.005 min
Response: 2116657
Conc: 19.04 ug/ml



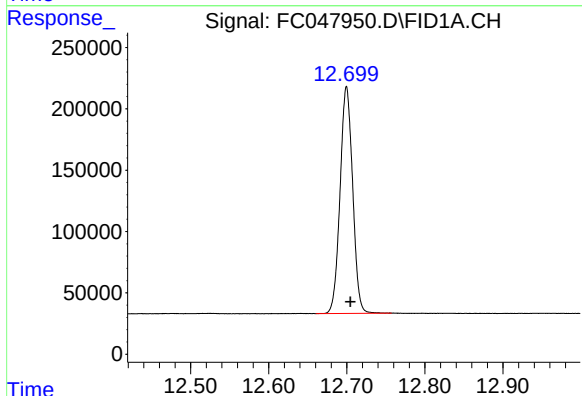
#9 ortho-Terphenyl (SURR)

R.T.: 11.733 min
Delta R.T.: -0.006 min
Response: 2174017
Conc: 18.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

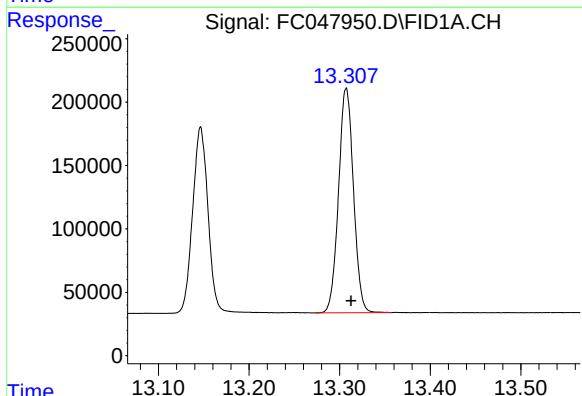
Manual Integrations
APPROVED

Sohil
6/22/2020 10:02:15 AM



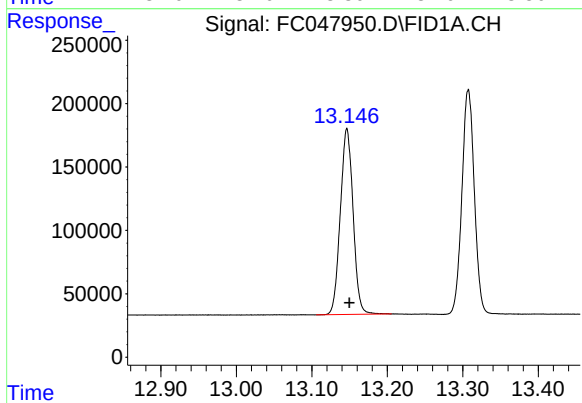
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: -0.005 min
Response: 2068405
Conc: 18.18 ug/ml



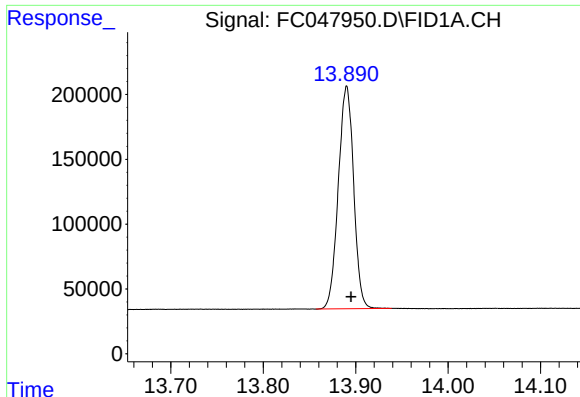
#11 n-Heneicosane (C21)

R.T.: 13.307 min
Delta R.T.: -0.005 min
Response: 2027960
Conc: 17.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.147 min
Delta R.T.: -0.004 min
Response: 1724312
Conc: 17.61 ug/ml



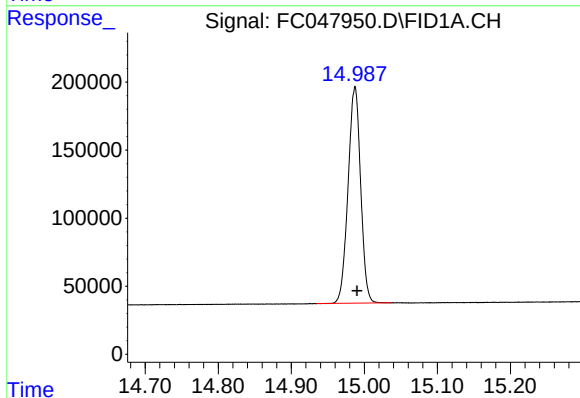
#13 n-Docosane (C22)

R.T.: 13.890 min
Delta R.T.: -0.005 min
Response: 1981169
Conc: 17.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

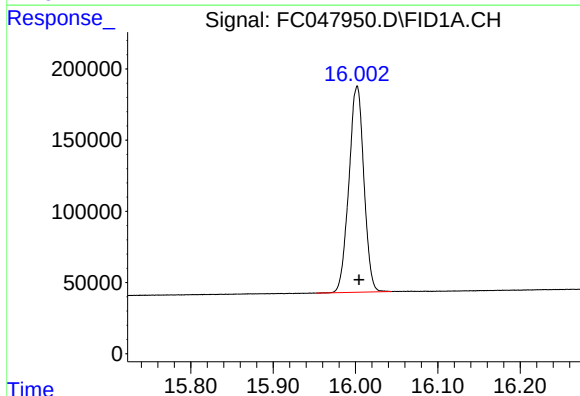
Manual Integrations
APPROVED

Sohil
6/22/2020 10:02:15 AM



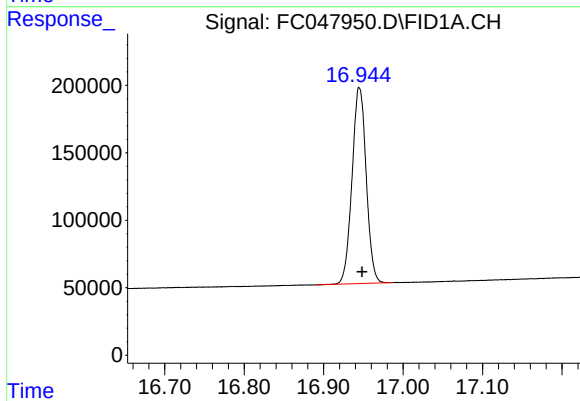
#14 n-Tetracosane (C24)

R.T.: 14.987 min
Delta R.T.: -0.003 min
Response: 1902381
Conc: 16.55 ug/ml



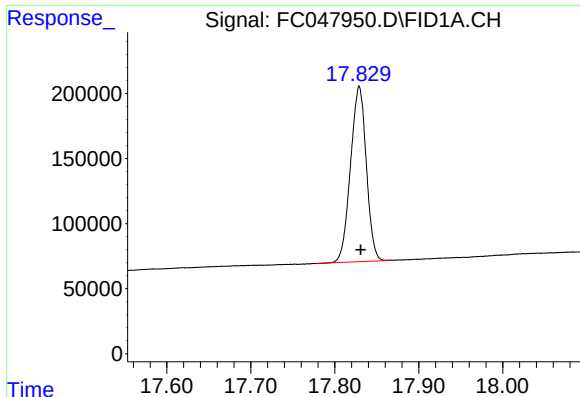
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: -0.002 min
Response: 1830619
Conc: 16.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.003 min
Response: 1801125
Conc: 15.85 ug/ml



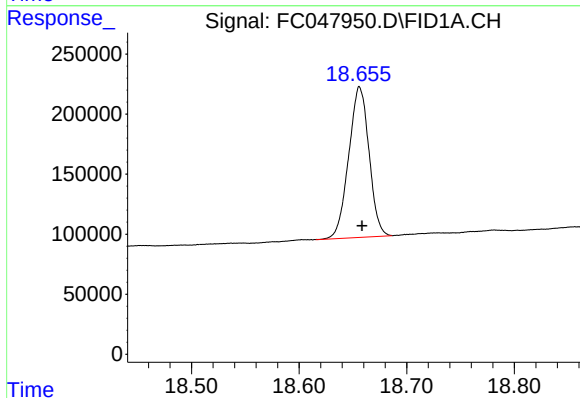
#17 n-Tricontane (C30)

R.T.: 17.829 min
Delta R.T.: -0.002 min
Response: 1757974
Conc: 16.04 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

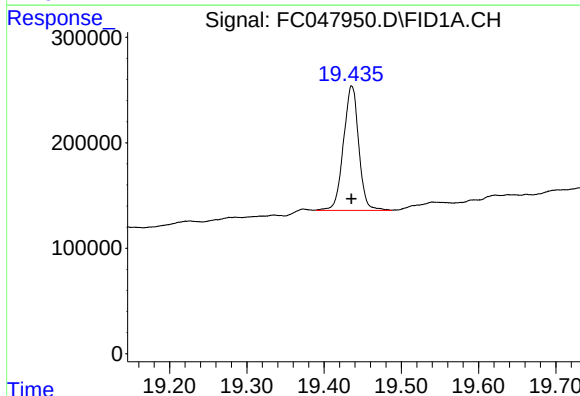
Manual Integrations
APPROVED

Sohil
6/22/2020 10:02:15 AM



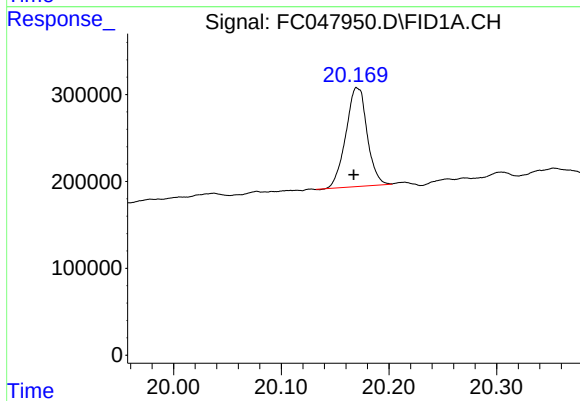
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.003 min
Response: 1649364
Conc: 16.64 ug/ml m



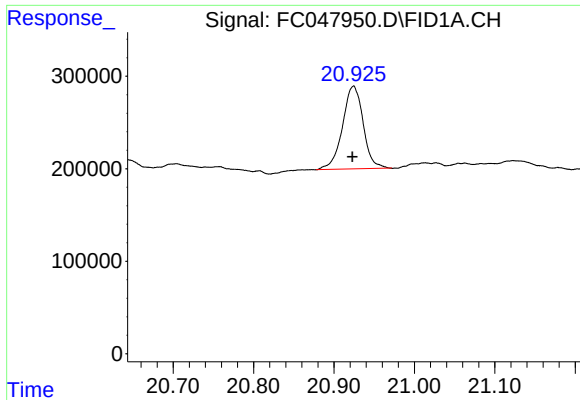
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 1632354
Conc: 17.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.169 min
Delta R.T.: 0.002 min
Response: 1560690
Conc: 18.20 ug/ml m



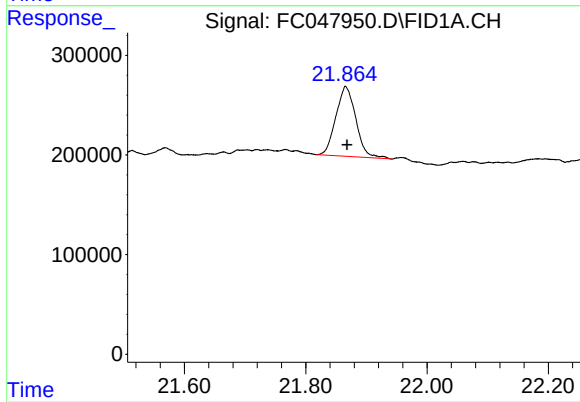
#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: 0.002 min
Response: 1595909
Conc: 20.04 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Sohil
6/22/2020 10:02:15 AM



#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: -0.002 min
Response: 1605577
Conc: 20.31 ug/ml