

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051520AL\
 Data File : FC047484.D
 Signal(s) : FID1A.CH
 Acq On : 16 May 2020 3:04
 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
 5/18/2020 3:41:23 PM

Integration File: autoint1.e
 Quant Time: May 16 05:09:51 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)	11.746	2135729	17.866 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
12) S 1-chlorooctadecane (S...	13.160	1701581	17.349 ug/ml
Spiked Amount 50.000		Recovery =	34.70%
Target Compounds			
1) T n-Nonane (C9)	3.550	2042154	20.144 ug/ml
2) T n-Decane (C10)	4.614	2071251	20.269 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2025087	19.448 ug/ml
4) T n-Dodecane (C12)	6.616	2102101	19.902 ug/ml
5) T A~2-methylnaphthalene...	7.261	2036406	19.392 ug/ml
6) T n-Tetradecane (C14)	8.394	2067848	19.550 ug/ml
7) T n-Hexadecane (C16)	9.983	1995970	18.864 ug/ml
8) T n-Octadecane (C18)	11.414	2052224	18.327 ug/ml
10) T n-Eicosane (C20)	12.713	2023228	17.781 ug/ml
11) T n-Heneicosane (C21)	13.322	1990322	17.507 ug/ml
13) T n-Docosane (C22)	13.904	1958155	17.232 ug/ml
14) T n-Tetracosane (C24)	14.999	1903327	16.822 ug/ml
15) T n-Hexacosane (C26)	16.014	1848144	16.501 ug/ml
16) T n-Octacosane (C28)	16.957	1839437	16.492 ug/ml
17) T n-Tricontane (C30)	17.842	1822563	16.857 ug/ml
18) T n-Dotriacontane (C32)	18.668	1723389	17.476 ug/ml
19) T n-Tetratriacontane (C34)	19.446	1630282	17.774 ug/mlm
20) T n-Hexatriacontane (C36)	20.181	1563438	18.028 ug/mlm
21) T n-Octatriacontane (C38)	20.937	1469189	18.208 ug/mlm
22) T n-Tetracontane (C40)	21.888	1538025	18.913 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051520AL\
Data File : FC047484.D
Signal(s) : FID1A.CH
Acq On : 16 May 2020 3:04
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

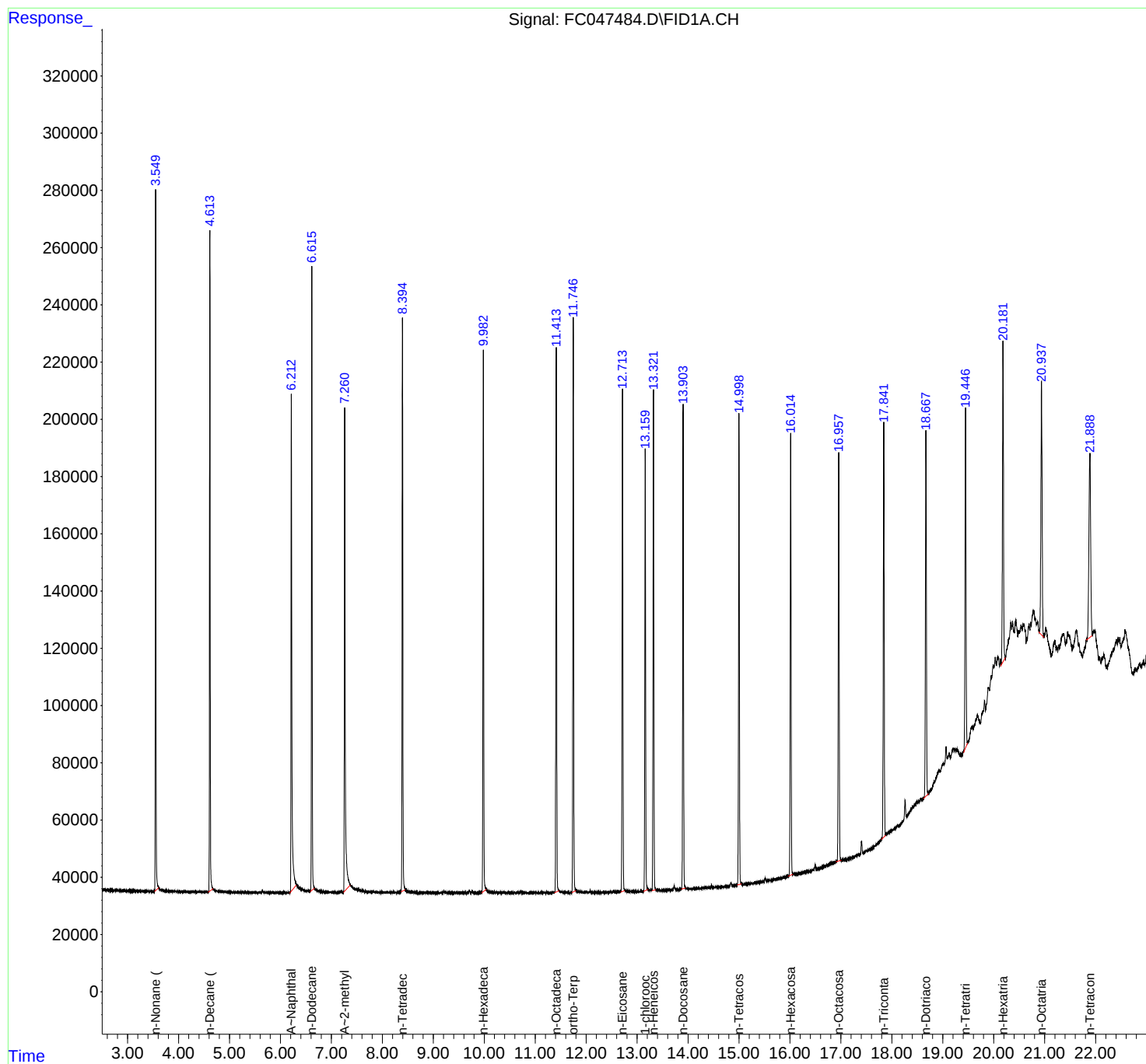
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

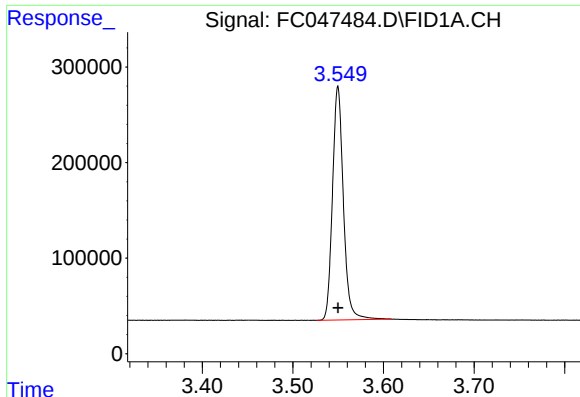
Manual Integrations
APPROVED

Sohil
5/18/2020 3:41:23 PM

Integration File: autoint1.e
Quant Time: May 16 05:09:51 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





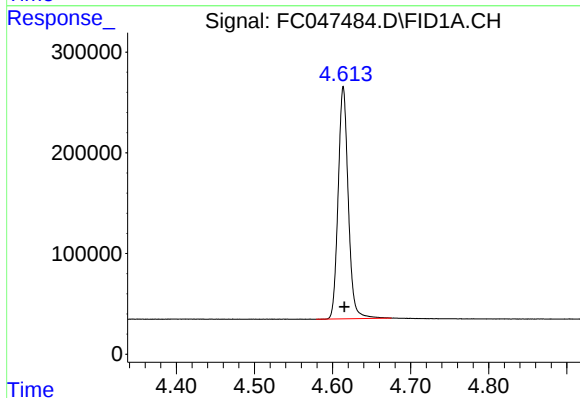
#1 n-Nonane (C9)

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 2042154
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

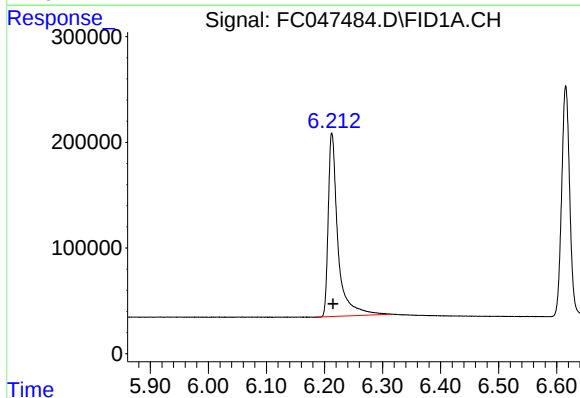
Manual Integrations
APPROVED

Sohil
5/18/2020 3:41:23 PM



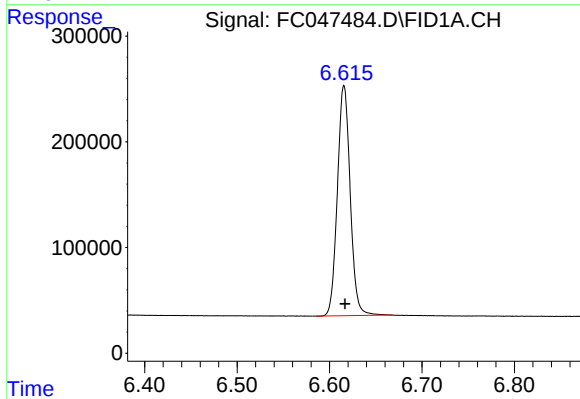
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 2071251
Conc: 20.27 ug/ml



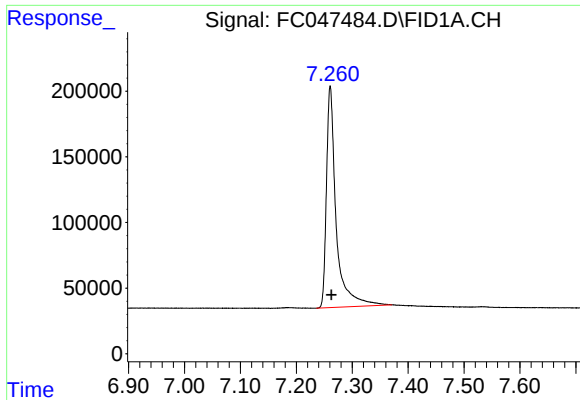
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.002 min
Response: 2025087
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 2102101
Conc: 19.90 ug/ml



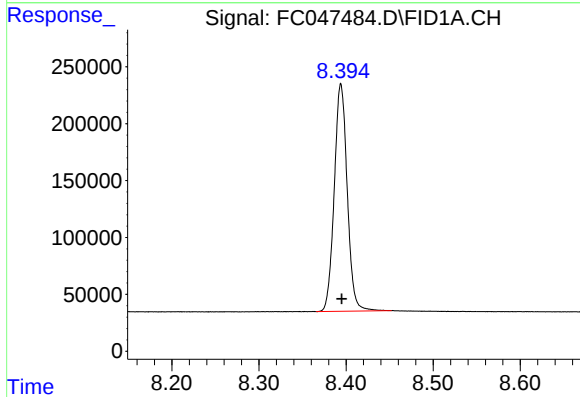
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.002 min
Response: 2036406
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

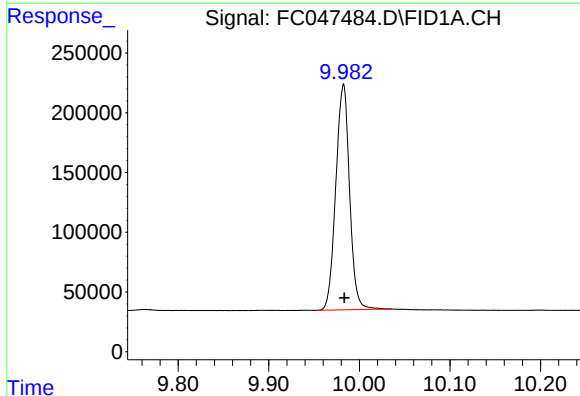
Manual Integrations
APPROVED

Sohil
5/18/2020 3:41:23 PM



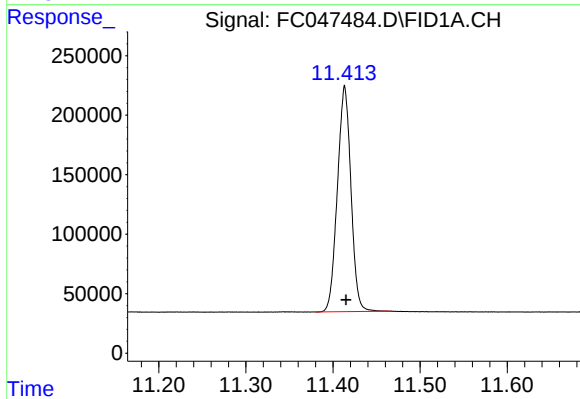
#6 n-Tetradecane (C14)

R.T.: 8.394 min
Delta R.T.: -0.001 min
Response: 2067848
Conc: 19.55 ug/ml



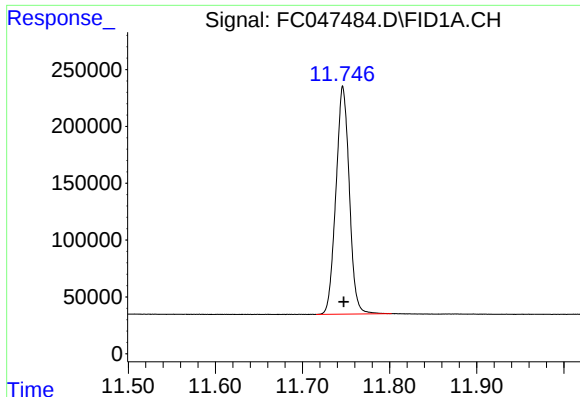
#7 n-Hexadecane (C16)

R.T.: 9.983 min
Delta R.T.: -0.001 min
Response: 1995970
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.414 min
Delta R.T.: -0.002 min
Response: 2052224
Conc: 18.33 ug/ml



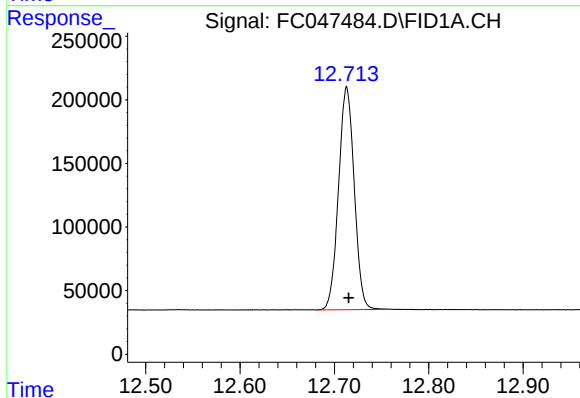
#9 ortho-Terphenyl (SURR)

R.T.: 11.746 min
Delta R.T.: -0.001 min
Response: 2135729
Conc: 17.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

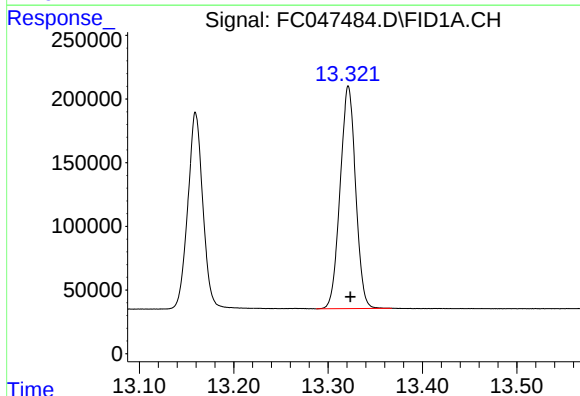
Manual Integrations
APPROVED

Sohil
5/18/2020 3:41:23 PM



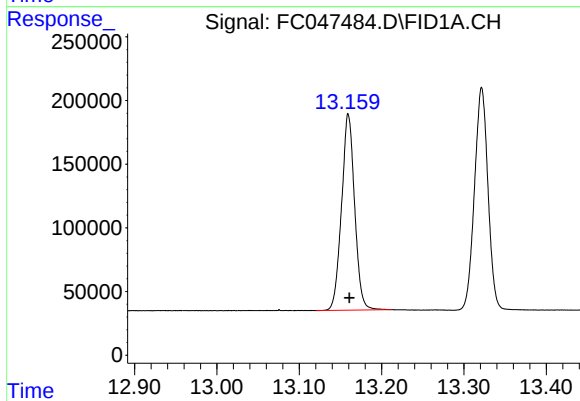
#10 n-Eicosane (C20)

R.T.: 12.713 min
Delta R.T.: -0.002 min
Response: 2023228
Conc: 17.78 ug/ml



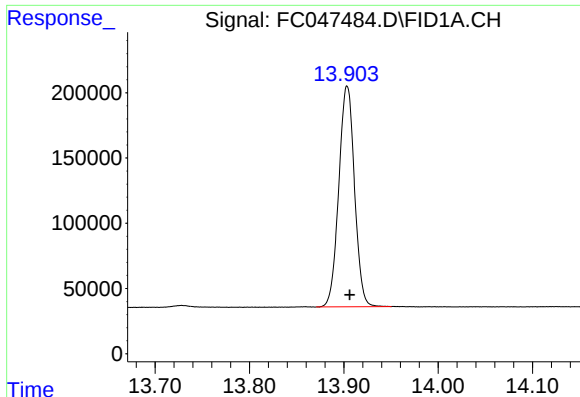
#11 n-Heneicosane (C21)

R.T.: 13.322 min
Delta R.T.: -0.002 min
Response: 1990322
Conc: 17.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.160 min
Delta R.T.: -0.001 min
Response: 1701581
Conc: 17.35 ug/ml



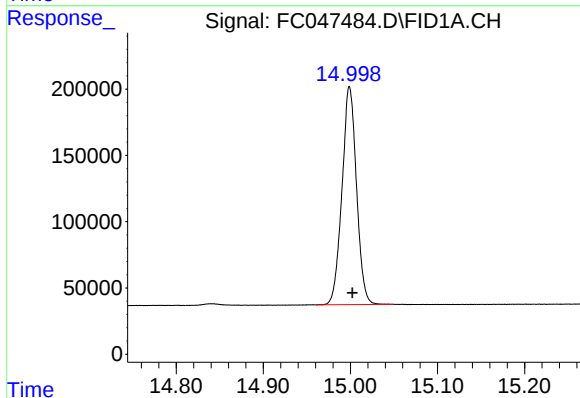
#13 n-Docosane (C22)

R.T.: 13.904 min
Delta R.T.: -0.003 min
Response: 1958155
Conc: 17.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

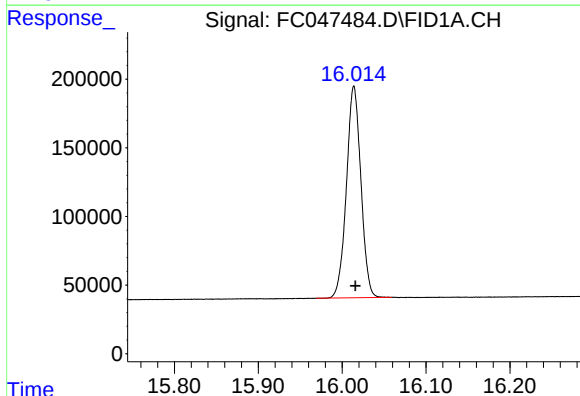
Manual Integrations
APPROVED

Sohil
5/18/2020 3:41:23 PM



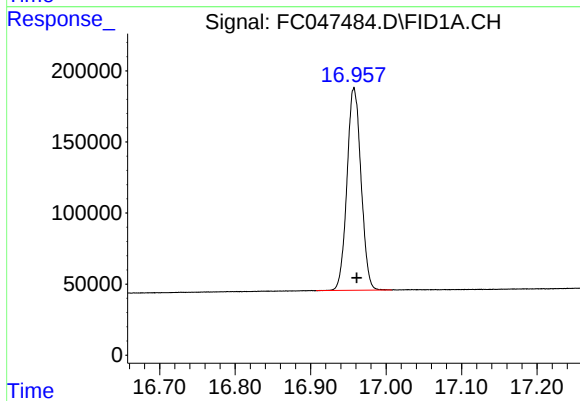
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.003 min
Response: 1903327
Conc: 16.82 ug/ml



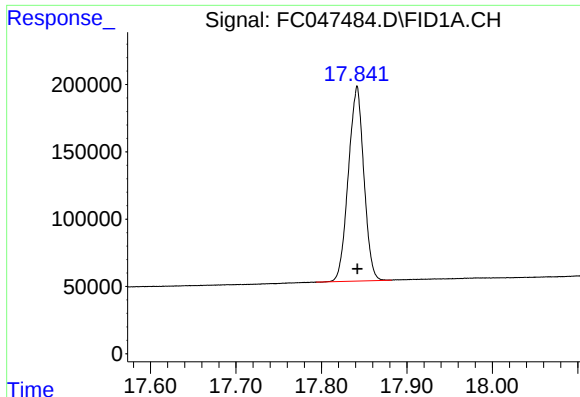
#15 n-Hexacosane (C26)

R.T.: 16.014 min
Delta R.T.: -0.002 min
Response: 1848144
Conc: 16.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.957 min
Delta R.T.: -0.003 min
Response: 1839437
Conc: 16.49 ug/ml



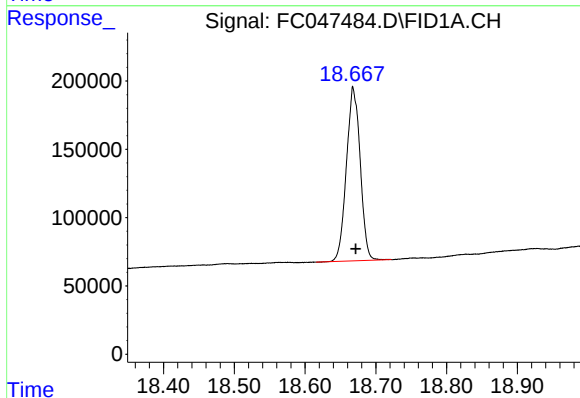
#17 n-Tricontane (C30)

R.T.: 17.842 min
Delta R.T.: 0.000 min
Response: 1822563
Conc: 16.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

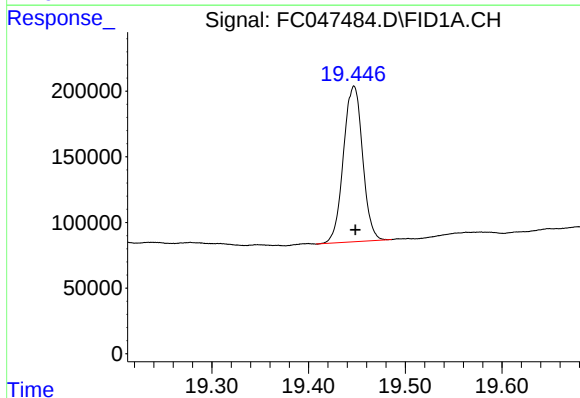
Manual Integrations
APPROVED

Sohil
5/18/2020 3:41:23 PM



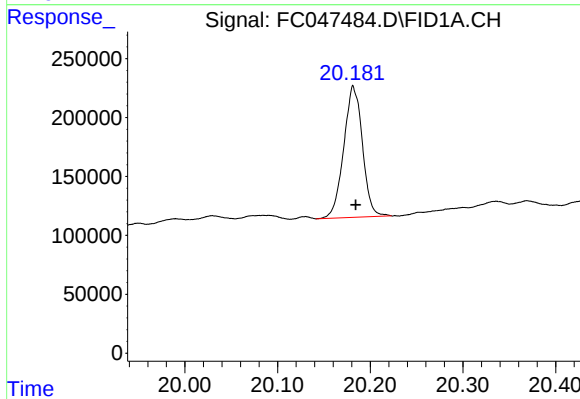
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: -0.004 min
Response: 1723389
Conc: 17.48 ug/ml



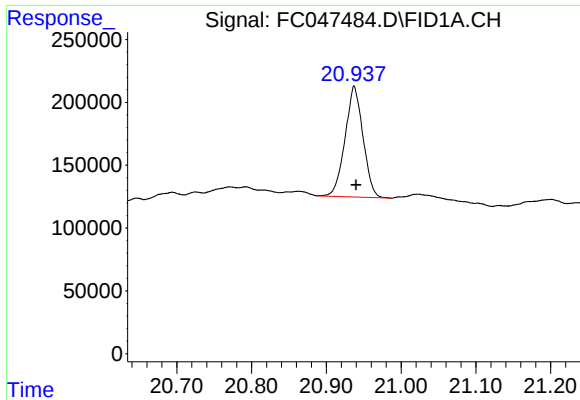
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: -0.002 min
Response: 1630282
Conc: 17.77 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.181 min
Delta R.T.: -0.003 min
Response: 1563438
Conc: 18.03 ug/ml m



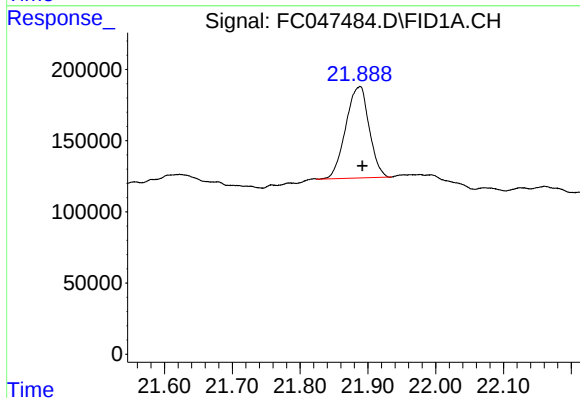
#21 n-Octatriacontane (C38)

R.T.: 20.937 min
Delta R.T.: -0.003 min
Response: 1469189
Conc: 18.21 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Sohil
5/18/2020 3:41:23 PM



#22 n-Tetracontane (C40)

R.T.: 21.888 min
Delta R.T.: -0.004 min
Response: 1538025
Conc: 18.91 ug/ml m