

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040821AL\
 Data File : FC053016.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2021 20:21
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Ankita
 4/9/2021 2:38:58 PM

Integration File: autoint1.e
 Quant Time: Apr 09 01:35:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 01:34:15 2021
 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)	11.551	735780	5.111 ug/ml
Spiked Amount 50.000		Recovery =	10.22%
12) S 1-chlorooctadecane (S...	12.990	587438	5.091 ug/mlm
Spiked Amount 50.000		Recovery =	10.18%
Target Compounds			
1) T n-Nonane (C9)	3.312	638523	5.099 ug/ml
2) T n-Decane (C10)	4.377	640730	5.094 ug/ml
3) T A~Naphthalene (C11.7)	5.962	696363	4.994 ug/ml
4) T n-Dodecane (C12)	6.396	651183	5.090 ug/ml
5) T A~2-methylnaphthalene...	7.019	698696	4.930 ug/ml
6) T n-Tetradecane (C14)	8.192	650059	5.062 ug/ml
7) T n-Hexadecane (C16)	9.794	647476	5.078 ug/ml
8) T n-Octadecane (C18)	11.236	688877	5.110 ug/ml
10) T n-Eicosane (C20)	12.545	701755	5.122 ug/ml
11) T n-Heneicosane (C21)	13.157	700843	5.107 ug/ml
13) T n-Docosane (C22)	13.744	705291	5.122 ug/ml
14) T n-Tetracosane (C24)	14.847	703729	5.100 ug/ml
15) T n-Hexacosane (C26)	15.866	690685	5.081 ug/ml
16) T n-Octacosane (C28)	16.816	684874	5.116 ug/ml
17) T n-Tricontane (C30)	17.702	657717	5.109 ug/mlm
18) T n-Dotriacontane (C32)	18.532	603697	5.032 ug/mlm
19) T n-Tetratriacontane (C34)	19.316	544557	4.887 ug/mlm
20) T n-Hexatriacontane (C36)	20.056	485380	4.720 ug/mlm
21) T n-Octatriacontane (C38)	20.785	425882	4.735 ug/mlm
22) T n-Tetracontane (C40)	21.680	382380	4.817 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040821AL\
Data File : FC053016.D
Signal(s) : FID1A.CH
Acq On : 08 Apr 2021 20:21
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 8 Sample Multiplier: 1

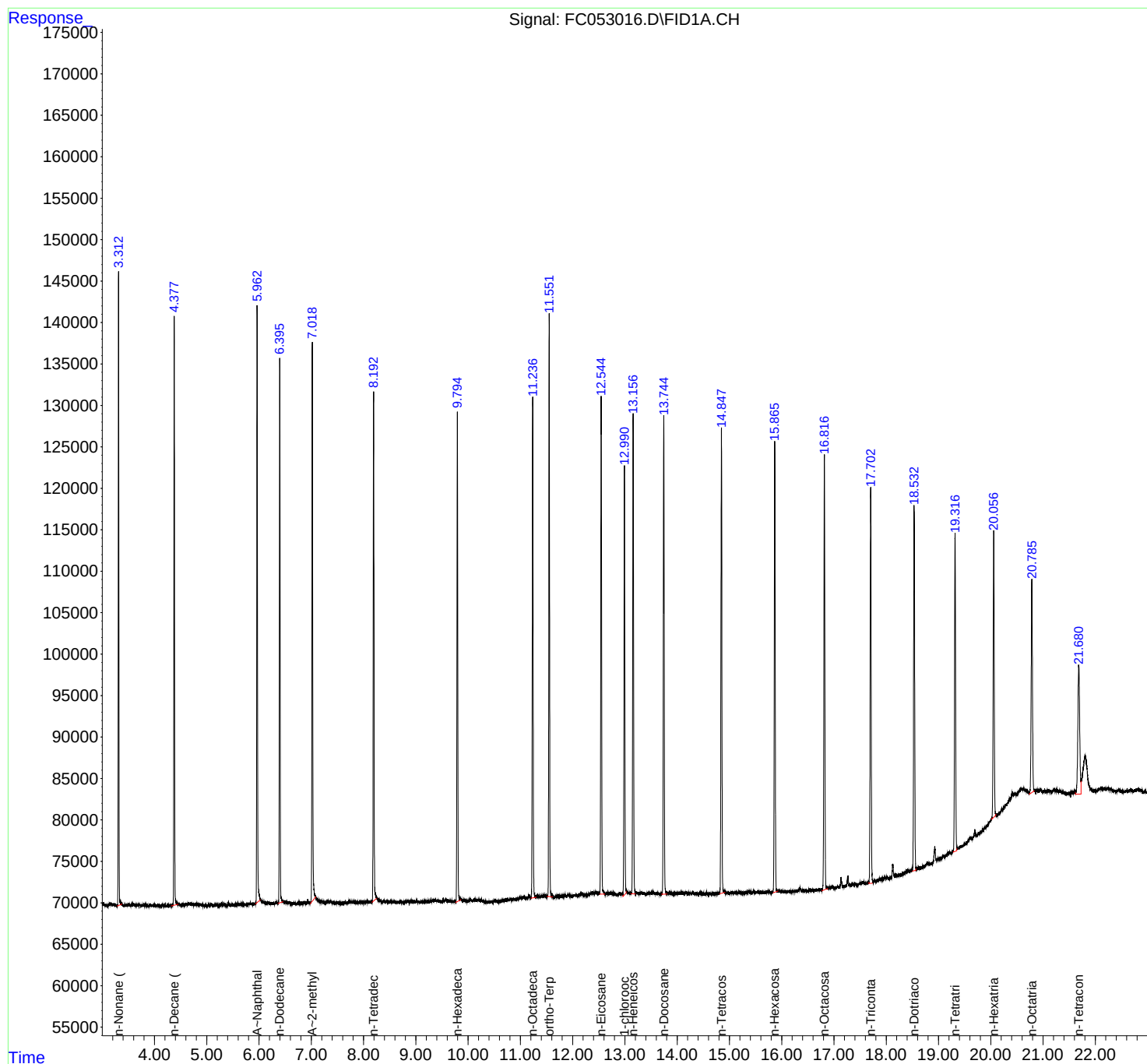
Instrument :
FID_C
ClientSampled :
5 PPM ALIPHATIC HC STD5

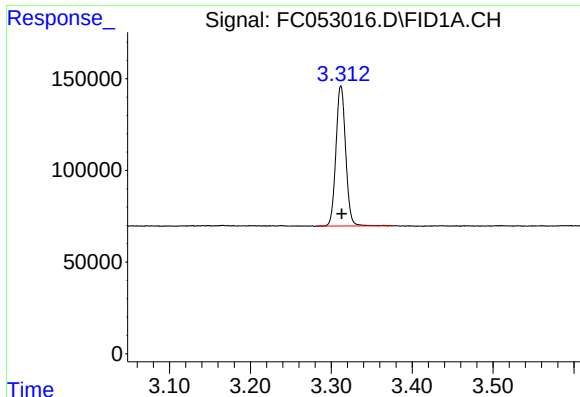
Manual Integrations
APPROVED

Ankita
4/9/2021 2:38:58 PM

Integration File: autoint1.e
Quant Time: Apr 09 01:35:47 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
Quant Title : GC Extractables
QLast Update : Fri Apr 09 01:34:15 2021
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





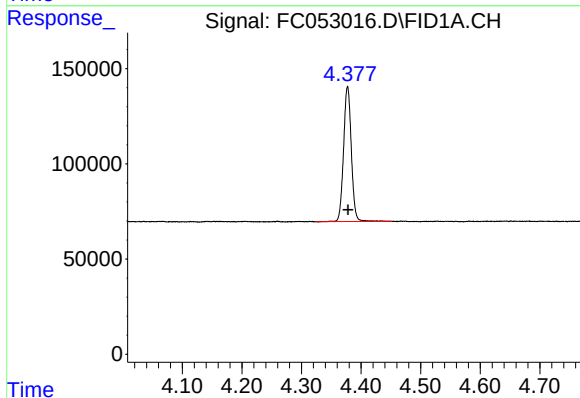
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.001 min
Response: 638523
Conc: 5.10 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

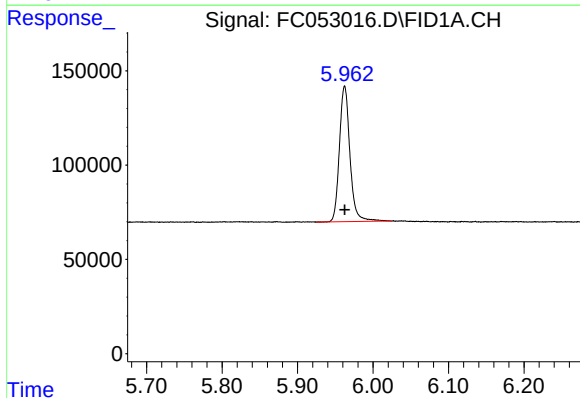
Manual Integrations
APPROVED

Ankita
4/9/2021 2:38:58 PM



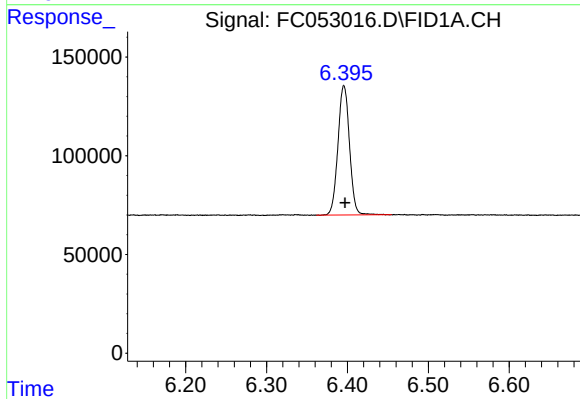
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 640730
Conc: 5.09 ug/ml



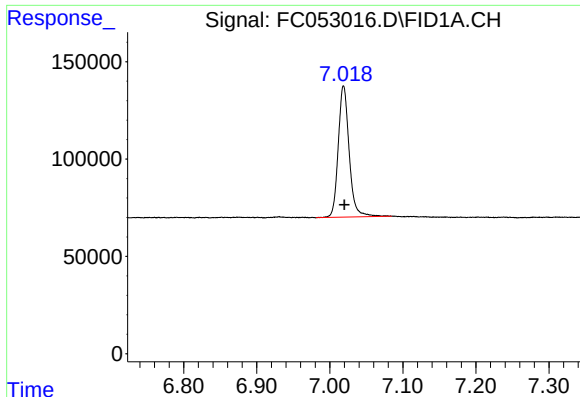
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 696363
Conc: 4.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 651183
Conc: 5.09 ug/ml



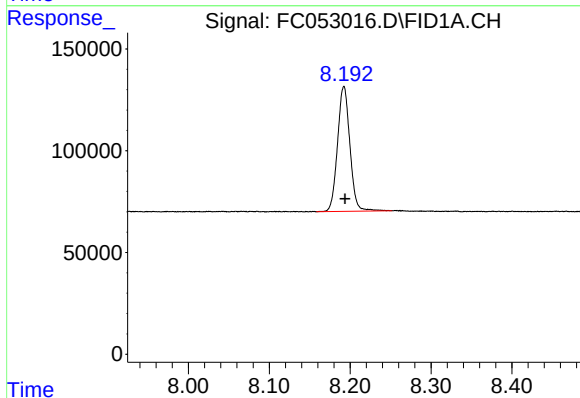
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 698696
Conc: 4.93 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

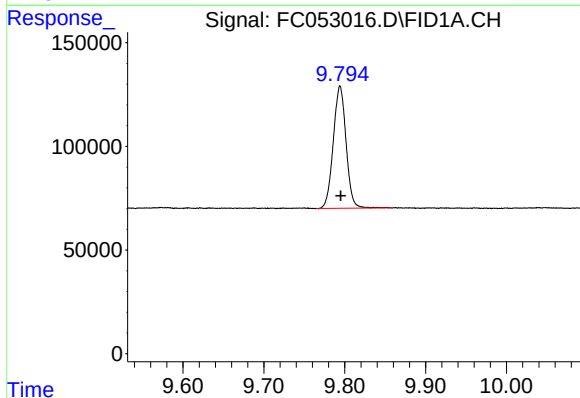
Manual Integrations
APPROVED

Ankita
4/9/2021 2:38:58 PM



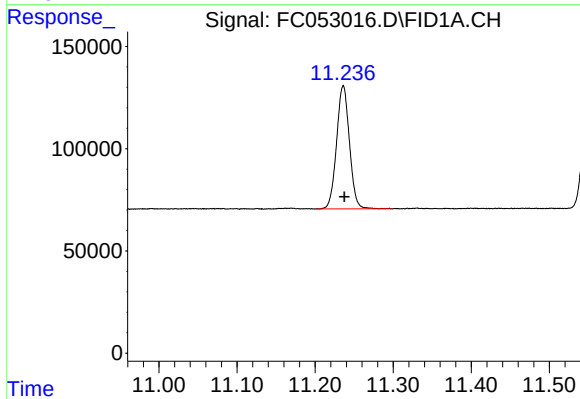
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 650059
Conc: 5.06 ug/ml



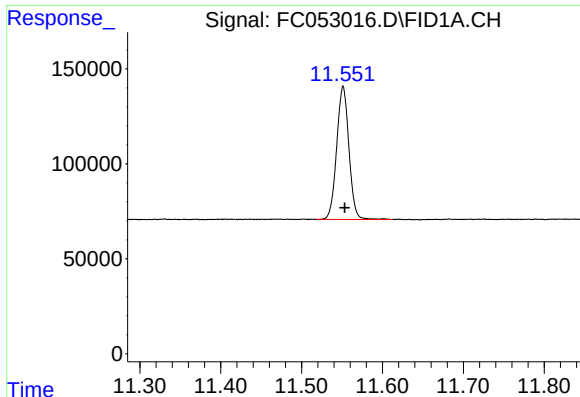
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 647476
Conc: 5.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.236 min
Delta R.T.: -0.002 min
Response: 688877
Conc: 5.11 ug/ml



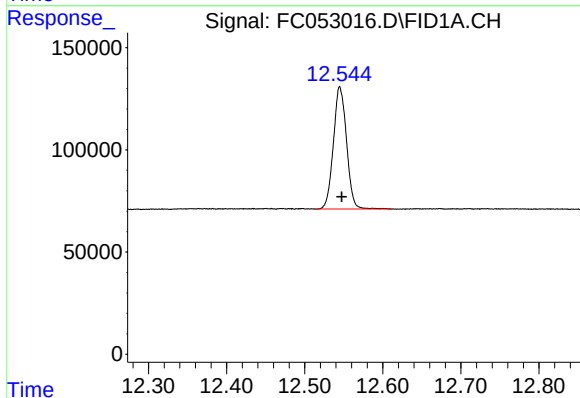
#9 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: -0.002 min
Response: 735780
Conc: 5.11 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

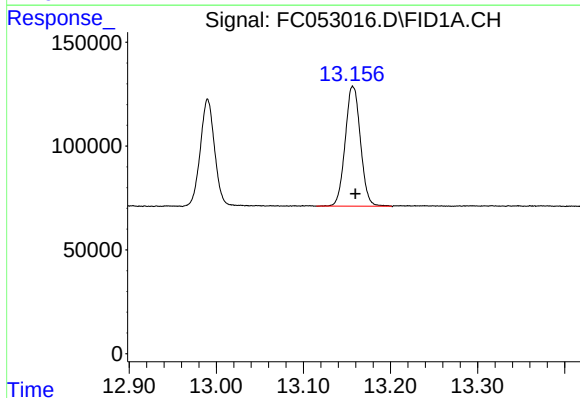
Manual Integrations
APPROVED

Ankita
4/9/2021 2:38:58 PM



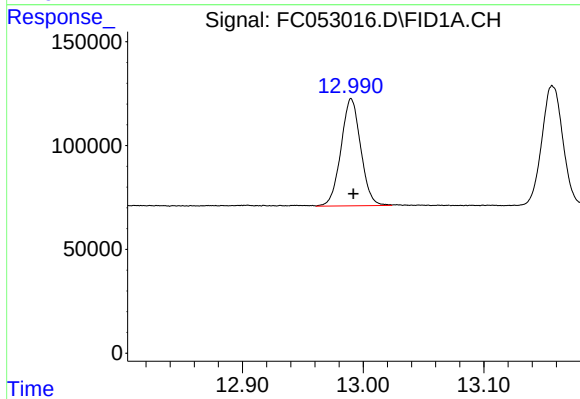
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.002 min
Response: 701755
Conc: 5.12 ug/ml



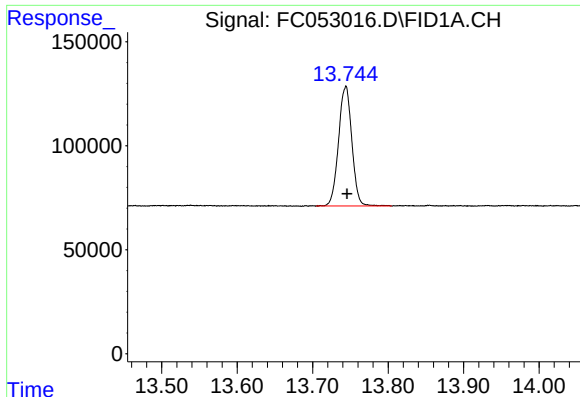
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: -0.003 min
Response: 700843
Conc: 5.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: -0.002 min
Response: 587438
Conc: 5.09 ug/ml m



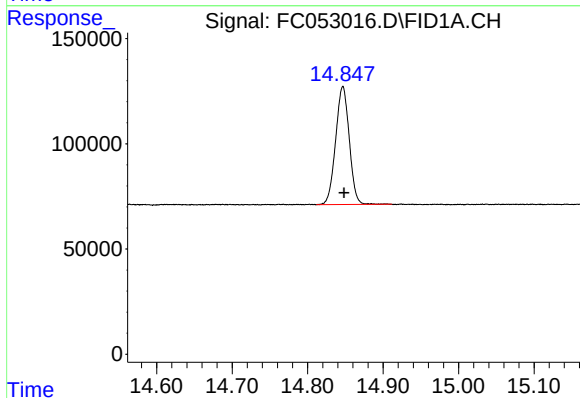
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.002 min
Response: 705291
Conc: 5.12 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

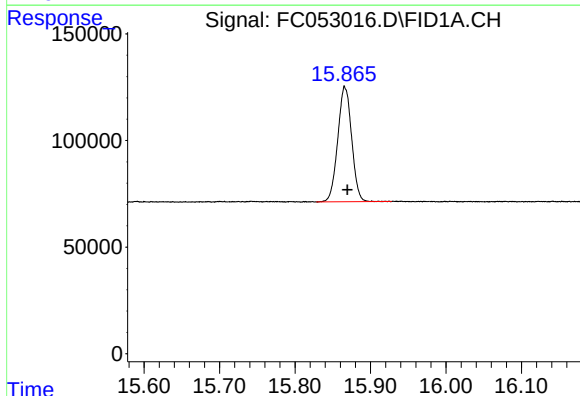
Manual Integrations
APPROVED

Ankita
4/9/2021 2:38:58 PM



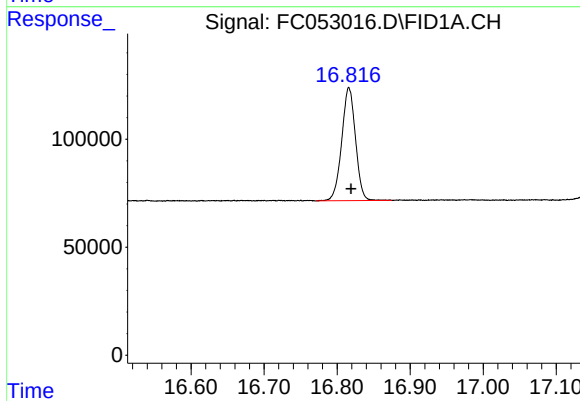
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.002 min
Response: 703729
Conc: 5.10 ug/ml



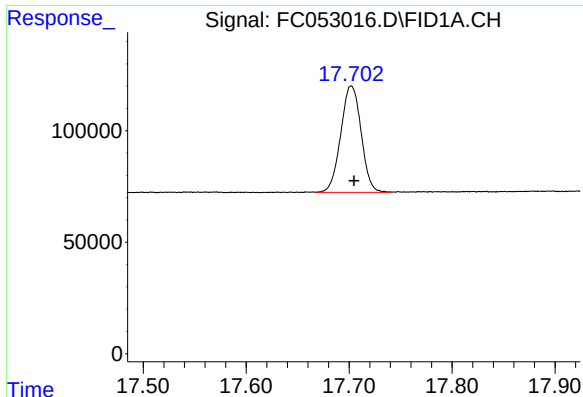
#15 n-Hexacosane (C26)

R.T.: 15.866 min
Delta R.T.: -0.003 min
Response: 690685
Conc: 5.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.816 min
Delta R.T.: -0.003 min
Response: 684874
Conc: 5.12 ug/ml



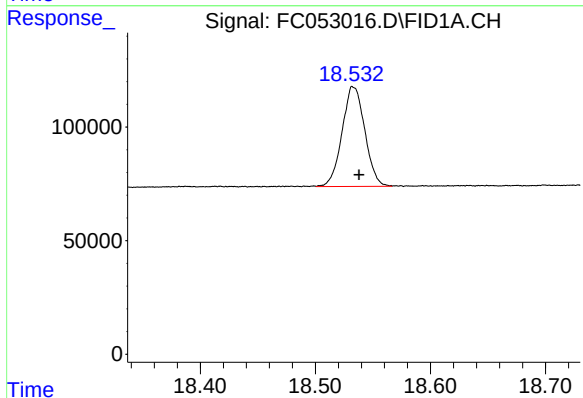
#17 n-Tricontane (C30)

R.T.: 17.702 min
Delta R.T.: -0.003 min
Response: 657717
Conc: 5.11 ug/ml m

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

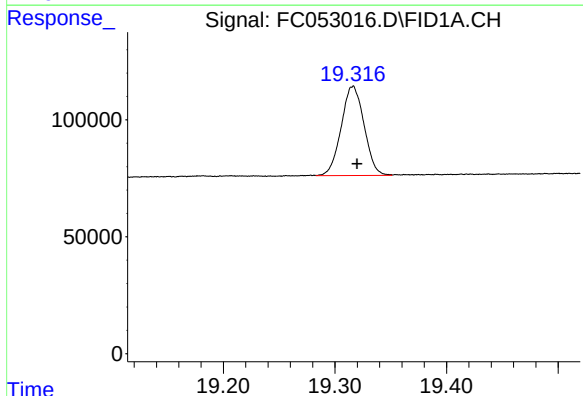
Manual Integrations
APPROVED

Ankita
4/9/2021 2:38:58 PM



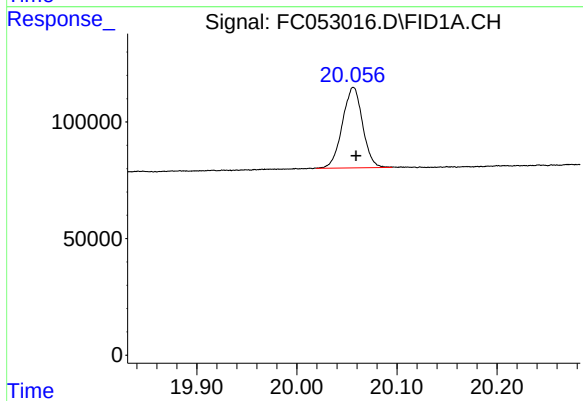
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.006 min
Response: 603697
Conc: 5.03 ug/ml m



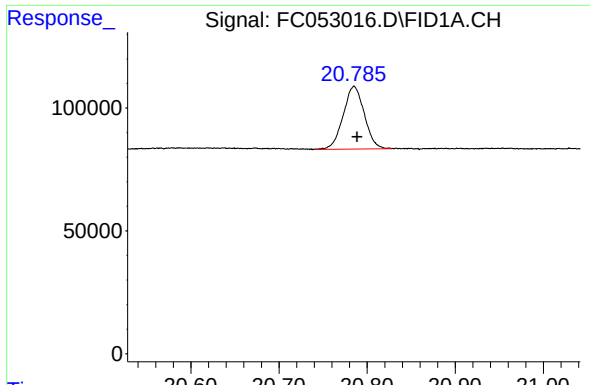
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.003 min
Response: 544557
Conc: 4.89 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.056 min
Delta R.T.: -0.003 min
Response: 485380
Conc: 4.72 ug/ml m



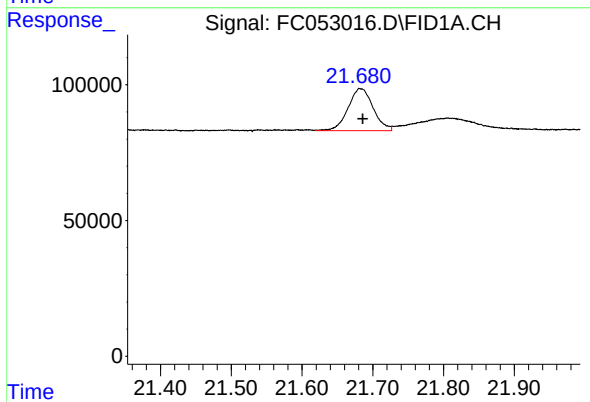
#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.004 min
Response: 425882
Conc: 4.73 ug/ml m

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

Ankita
4/9/2021 2:38:58 PM



#22 n-Tetracontane (C40)

R.T.: 21.680 min
Delta R.T.: -0.006 min
Response: 382380
Conc: 4.82 ug/ml m