

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060721AL\
 Data File : FC054113.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jun 2021 11:12
 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
 6/8/2021 1:52:38 PM

Integration File: autoint1.e
 Quant Time: Jun 08 11:55:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.357	3016053	21.601 ug/ml
Spiked Amount 50.000		Recovery =	43.20%
12) S 1-chlorooctadecane (S...	12.801	2316252	20.659 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
Target Compounds			
1) T n-Nonane (C9)	3.163	2771726	23.460 ug/ml
2) T n-Decane (C10)	4.220	2854718	23.951 ug/ml
3) T A~Naphthalene (C11.7)	5.787	3130698	23.938 ug/ml
4) T n-Dodecane (C12)	6.229	2928037	23.851 ug/ml
5) T A~2-methylnaphthalene...	6.840	3202108	23.987 ug/ml
6) T n-Tetradecane (C14)	8.018	2940110	23.703 ug/ml
7) T n-Hexadecane (C16)	9.614	2893368	23.223 ug/ml
8) T n-Octadecane (C18)	11.053	2929699	22.242 ug/ml
10) T n-Eicosane (C20)	12.359	2856743	21.313 ug/ml
11) T n-Heneicosane (C21)	12.970	2793940	20.831 ug/ml
13) T n-Docosane (C22)	13.555	2757952	20.520 ug/ml
14) T n-Tetracosane (C24)	14.656	2681953	19.975 ug/ml
15) T n-Hexacosane (C26)	15.676	2591743	19.555 ug/ml
16) T n-Octacosane (C28)	16.625	2596134	19.662 ug/ml
17) T n-Tricontane (C30)	17.512	2665480	20.329 ug/ml
18) T n-Dotriacontane (C32)	18.344	2669997	20.697 ug/ml
19) T n-Tetratriacontane (C34)	19.127	2586935	21.205 ug/mlm
20) T n-Hexatriacontane (C36)	19.867	2436831	21.584 ug/mlm
21) T n-Octatriacontane (C38)	20.576	2308049	22.890 ug/mlm
22) T n-Tetracontane (C40)	21.410	2371817	23.502 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060721AL\
Data File : FC054113.D
Signal(s) : FID1A.CH
Acq On : 08 Jun 2021 11:12
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

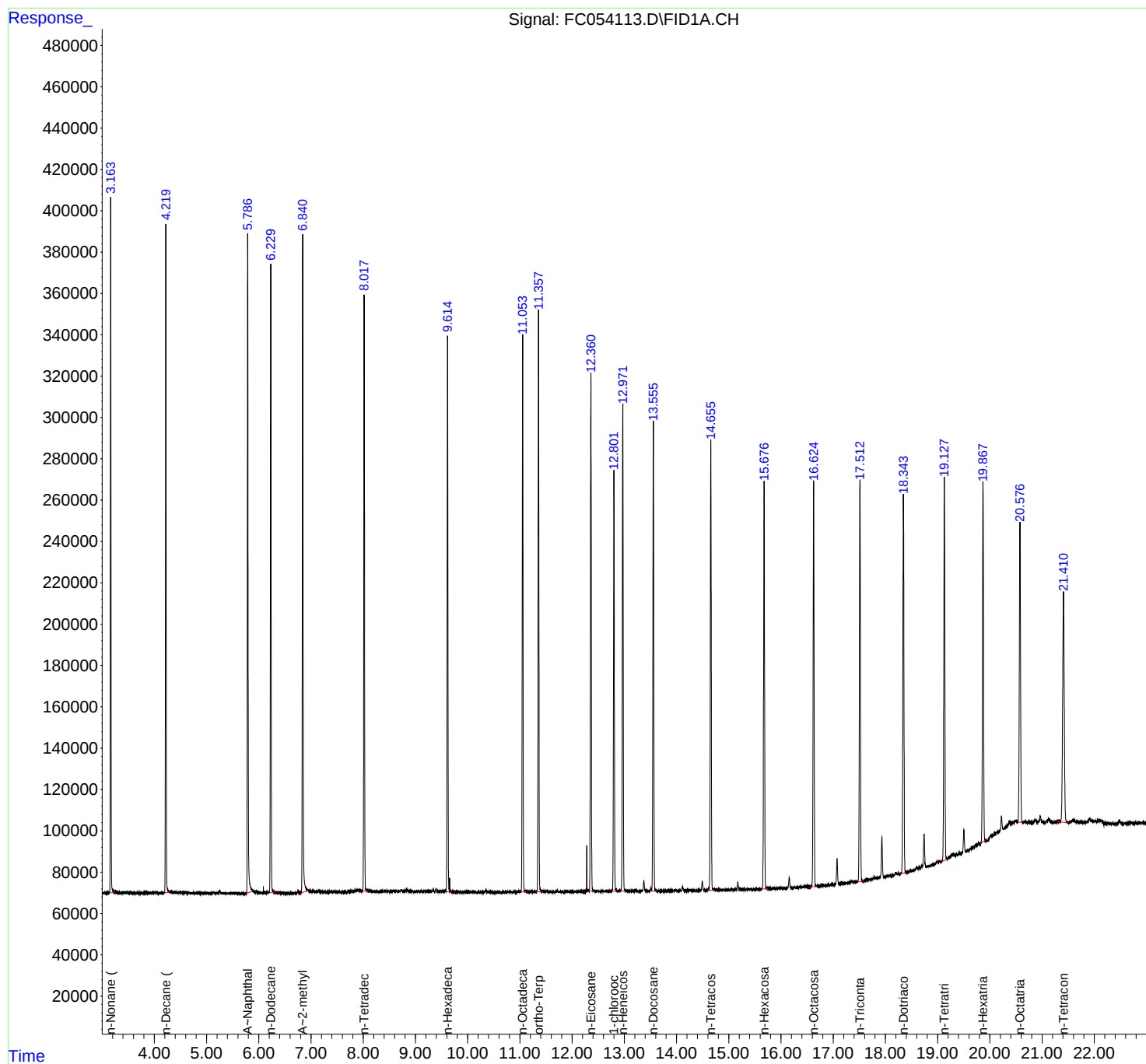
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

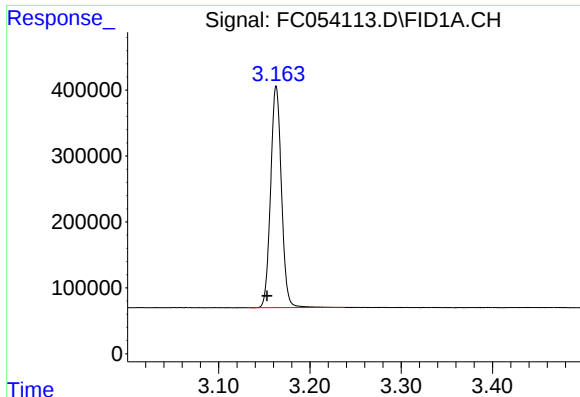
Manual Integrations
APPROVED

Ankita
6/8/2021 1:52:38 PM

Integration File: autoint1.e
Quant Time: Jun 08 11:55:53 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052721.M
Quant Title : GC Extractables
QLast Update : Fri May 28 09:04:47 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





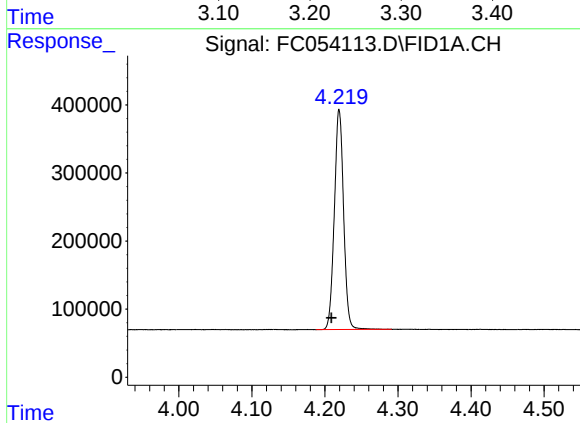
#1 n-Nonane (C9)

R.T.: 3.163 min
Delta R.T.: 0.010 min
Response: 2771726
Conc: 23.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

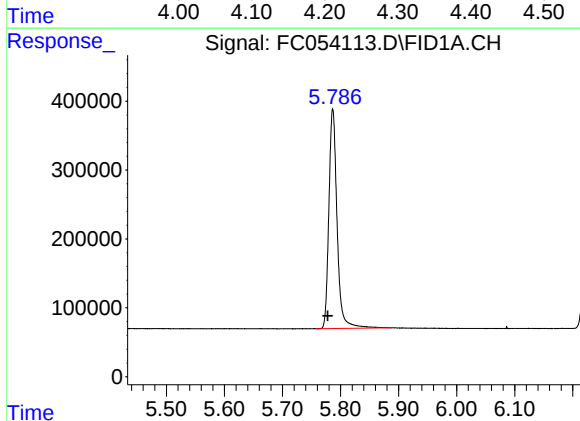
Manual Integrations
APPROVED

Ankita
6/8/2021 1:52:38 PM



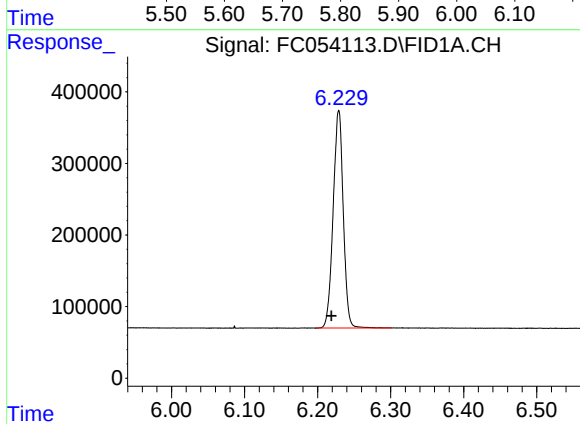
#2 n-Decane (C10)

R.T.: 4.220 min
Delta R.T.: 0.011 min
Response: 2854718
Conc: 23.95 ug/ml



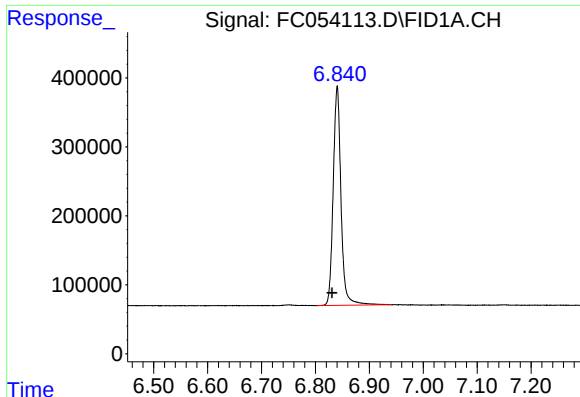
#3 A~Naphthalene (C11.7)

R.T.: 5.787 min
Delta R.T.: 0.009 min
Response: 3130698
Conc: 23.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.229 min
Delta R.T.: 0.010 min
Response: 2928037
Conc: 23.85 ug/ml



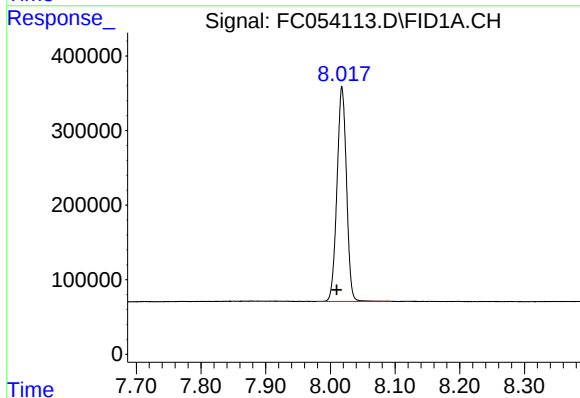
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.840 min
Delta R.T.: 0.010 min
Response: 3202108
Conc: 23.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

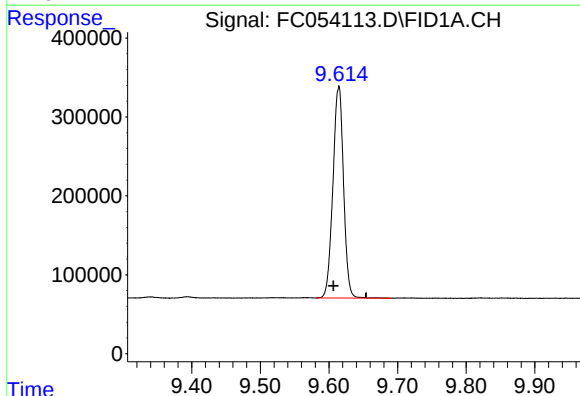
Manual Integrations
APPROVED

Ankita
6/8/2021 1:52:38 PM



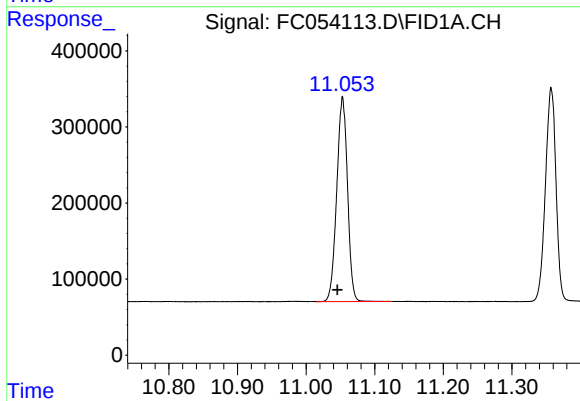
#6 n-Tetradecane (C14)

R.T.: 8.018 min
Delta R.T.: 0.008 min
Response: 2940110
Conc: 23.70 ug/ml



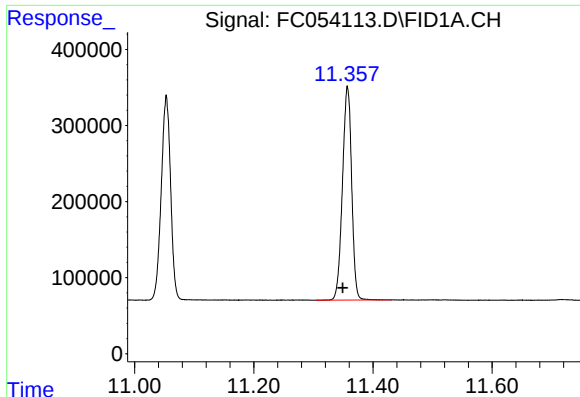
#7 n-Hexadecane (C16)

R.T.: 9.614 min
Delta R.T.: 0.007 min
Response: 2893368
Conc: 23.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: 0.007 min
Response: 2929699
Conc: 22.24 ug/ml



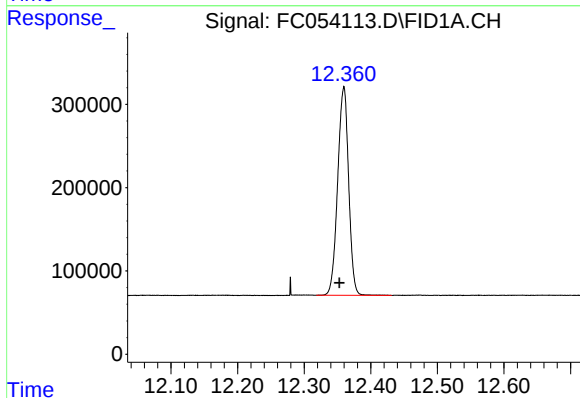
#9 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.008 min
Response: 3016053
Conc: 21.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

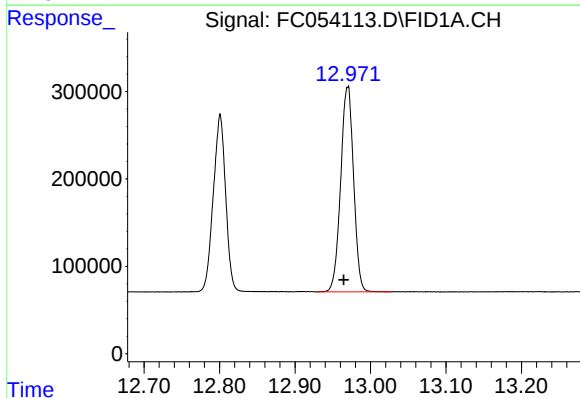
Manual Integrations
APPROVED

Ankita
6/8/2021 1:52:38 PM



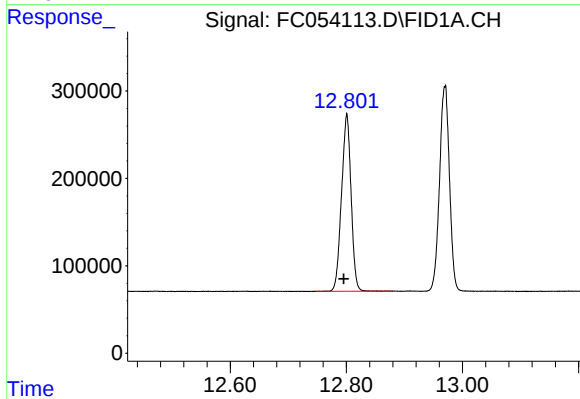
#10 n-Eicosane (C20)

R.T.: 12.359 min
Delta R.T.: 0.006 min
Response: 2856743
Conc: 21.31 ug/ml



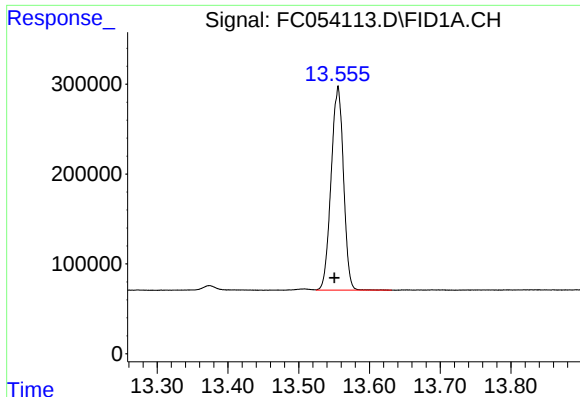
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: 0.005 min
Response: 2793940
Conc: 20.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.801 min
Delta R.T.: 0.005 min
Response: 2316252
Conc: 20.66 ug/ml



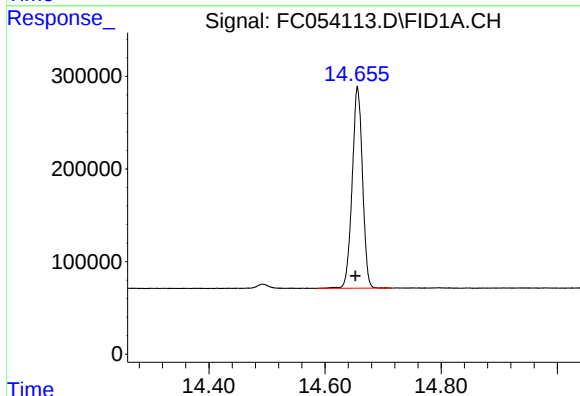
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: 0.005 min
Response: 2757952
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

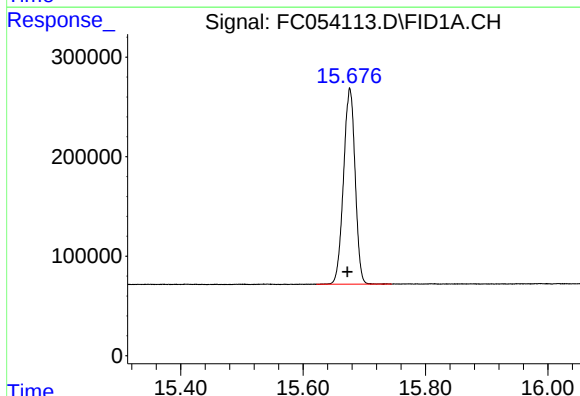
Manual Integrations
APPROVED

Ankita
6/8/2021 1:52:38 PM



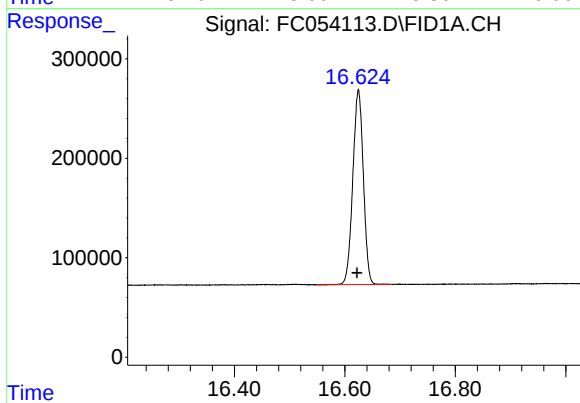
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.004 min
Response: 2681953
Conc: 19.97 ug/ml



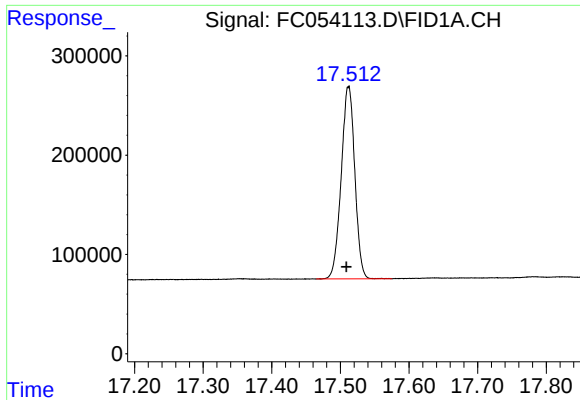
#15 n-Hexacosane (C26)

R.T.: 15.676 min
Delta R.T.: 0.004 min
Response: 2591743
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: 0.002 min
Response: 2596134
Conc: 19.66 ug/ml



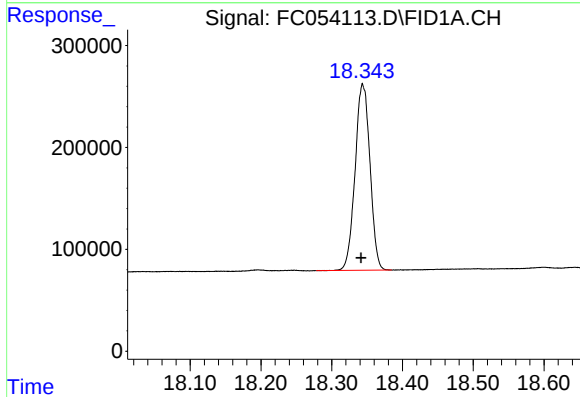
#17 n-Tricontane (C30)

R.T.: 17.512 min
Delta R.T.: 0.003 min
Response: 2665480
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

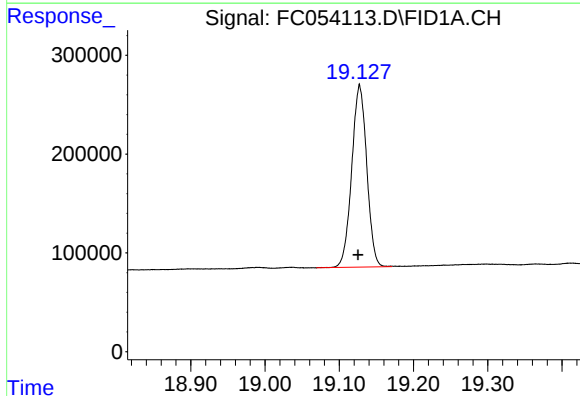
Manual Integrations
APPROVED

Ankita
6/8/2021 1:52:38 PM



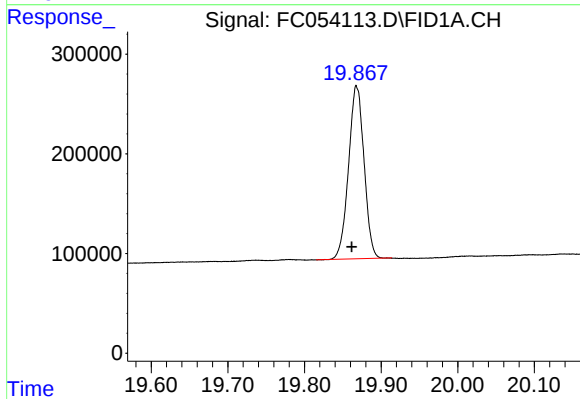
#18 n-Dotriacontane (C32)

R.T.: 18.344 min
Delta R.T.: 0.003 min
Response: 2669997
Conc: 20.70 ug/ml



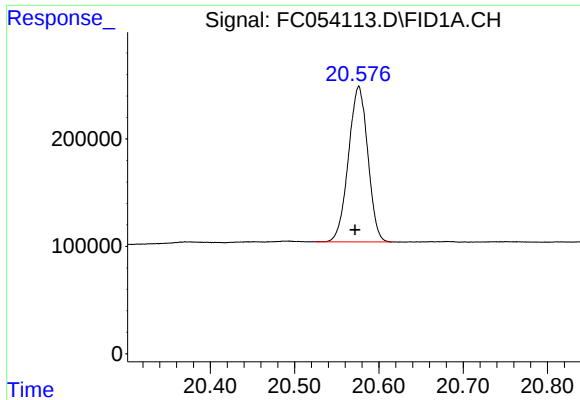
#19 n-Tetratriacontane (C34)

R.T.: 19.127 min
Delta R.T.: 0.001 min
Response: 2586935
Conc: 21.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.867 min
Delta R.T.: 0.005 min
Response: 2436831
Conc: 21.58 ug/ml m



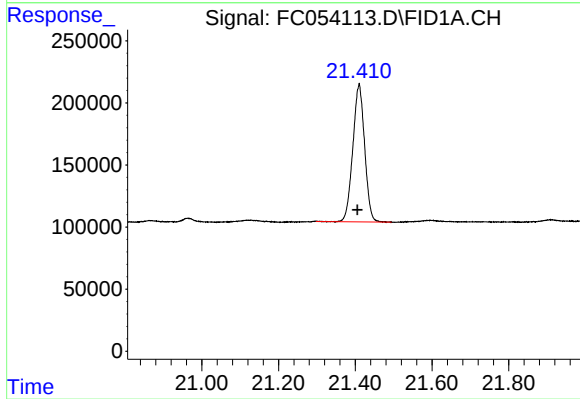
#21 n-Octatriacontane (C38)

R.T.: 20.576 min
Delta R.T.: 0.004 min
Response: 2308049
Conc: 22.89 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
6/8/2021 1:52:38 PM



#22 n-Tetracontane (C40)

R.T.: 21.410 min
Delta R.T.: 0.004 min
Response: 2371817
Conc: 23.50 ug/ml