

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072420AL\
 Data File : FC048652.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jul 2020 11:10
 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

Ankita
 7/27/2020 11:19:53 AM

Integration File: autoint1.e
 Quant Time: Jul 25 02:08:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.680	2731185	19.899 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
12) S 1-chlorooctadecane (S...	13.113	2206755	19.583 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T n-Nonane (C9)	3.415	2560537	21.480 ug/ml
2) T n-Decane (C10)	4.489	2619556	21.763 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2928220	21.760 ug/ml
4) T n-Dodecane (C12)	6.514	2672239	21.842 ug/ml
5) T A~2-methylnaphthalene...	7.145	2987171	21.672 ug/ml
6) T n-Tetradecane (C14)	8.312	2656618	21.566 ug/ml
7) T n-Hexadecane (C16)	9.914	2607749	21.303 ug/ml
8) T n-Octadecane (C18)	11.357	2660717	20.790 ug/ml
10) T n-Eicosane (C20)	12.667	2609560	20.177 ug/ml
11) T n-Heneicosane (C21)	13.279	2569038	19.819 ug/ml
13) T n-Docosane (C22)	13.865	2533645	19.514 ug/ml
14) T n-Tetracosane (C24)	14.968	2459713	18.764 ug/ml
15) T n-Hexacosane (C26)	15.987	2348956	18.064 ug/ml
16) T n-Octacosane (C28)	16.935	2291989	17.541 ug/ml
17) T n-Tricontane (C30)	17.823	2227086	17.324 ug/ml
18) T n-Dotriacontane (C32)	18.652	2041292	17.279 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1907673	17.091 ug/ml
20) T n-Hexatriacontane (C36)	20.174	1830084	17.400 ug/mlm
21) T n-Octatriacontane (C38)	20.927	1743865	17.764 ug/mlm
22) T n-Tetracontane (C40)	21.880	1817101	18.699 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072420AL\
Data File : FC048652.D
Signal(s) : FID1A.CH
Acq On : 24 Jul 2020 11:10
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

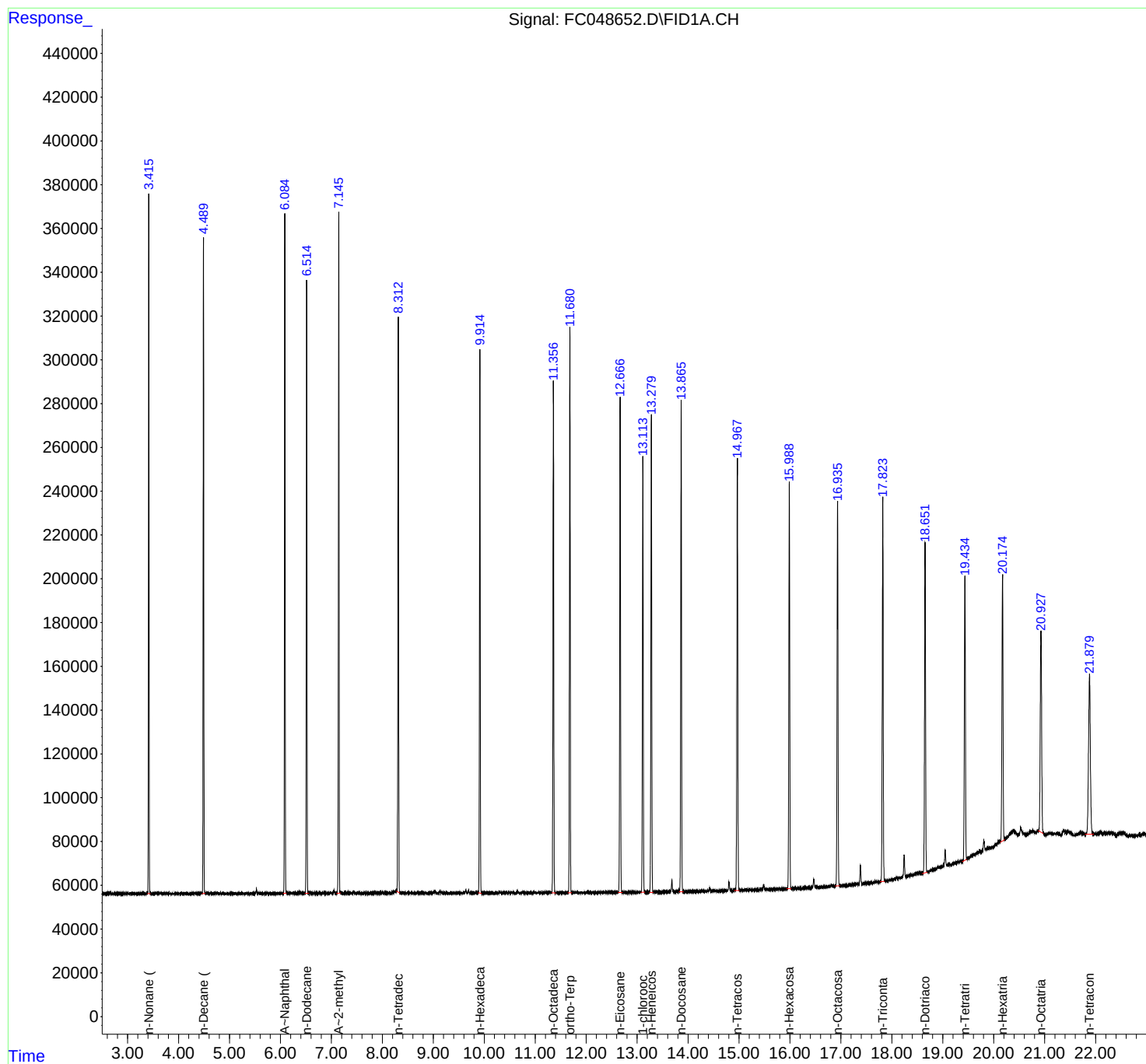
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

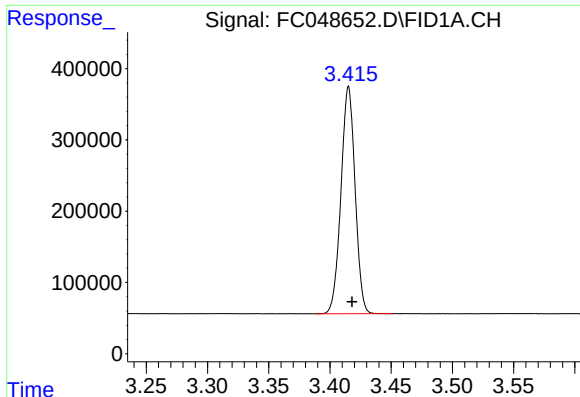
Manual Integrations
APPROVED

Ankita
7/27/2020 11:19:53 AM

Integration File: autoint1.e
Quant Time: Jul 25 02:08:07 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070820.M
Quant Title : GC Extractables
QLast Update : Wed Jul 08 03:03:00 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





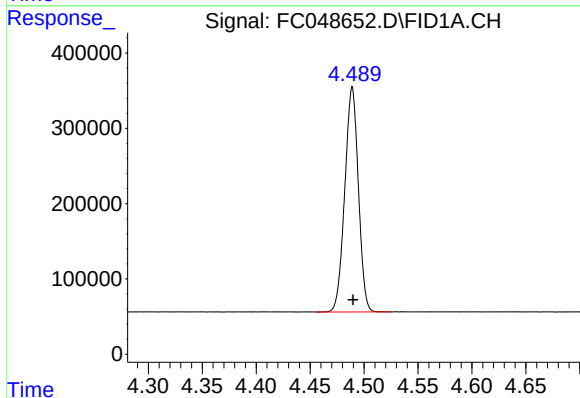
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2560537
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

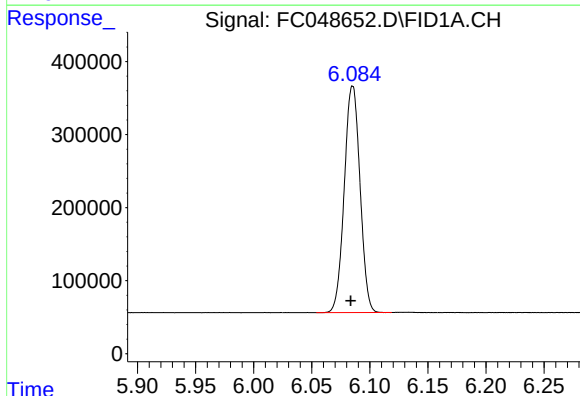
Manual Integrations
APPROVED

Ankita
7/27/2020 11:19:53 AM



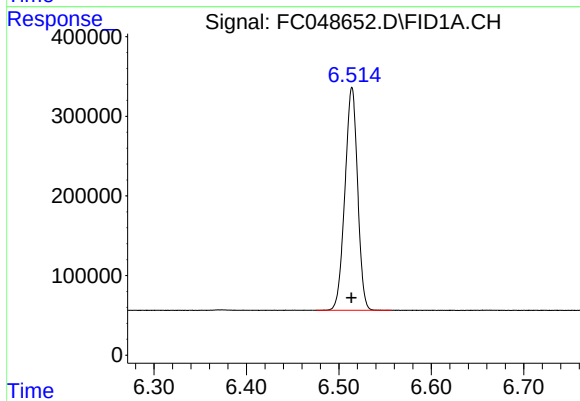
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2619556
Conc: 21.76 ug/ml



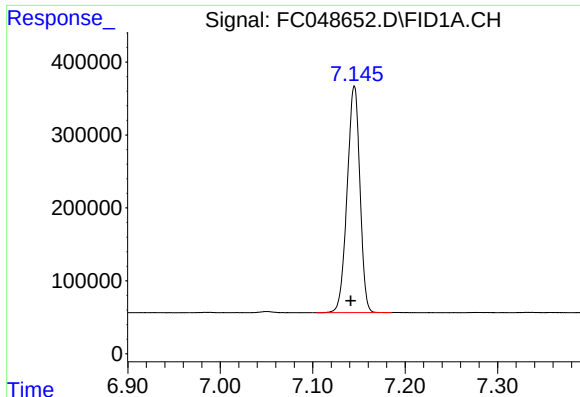
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 2928220
Conc: 21.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2672239
Conc: 21.84 ug/ml



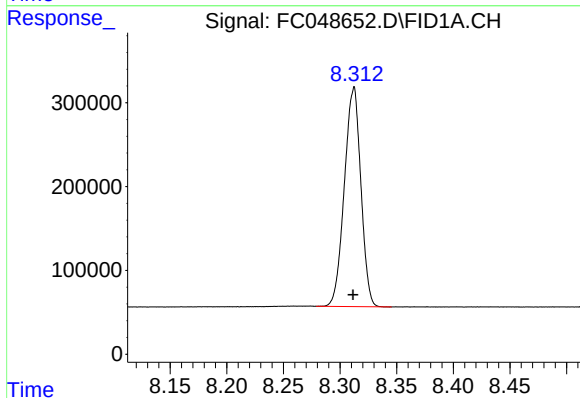
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.004 min
Response: 2987171
Conc: 21.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

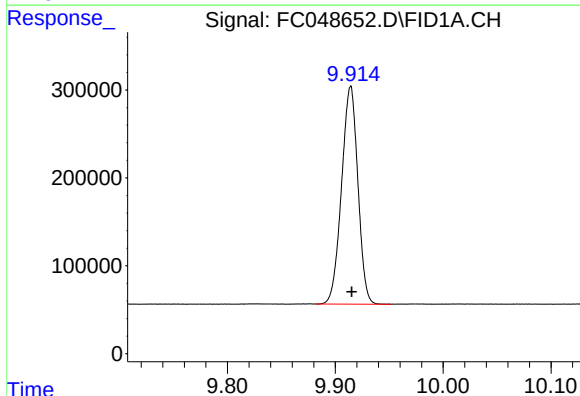
Manual Integrations
APPROVED

Ankita
7/27/2020 11:19:53 AM



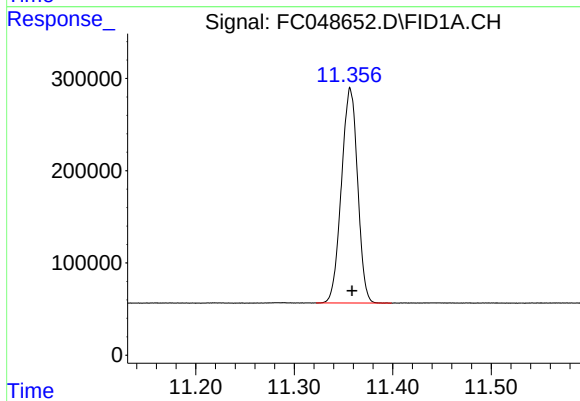
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2656618
Conc: 21.57 ug/ml



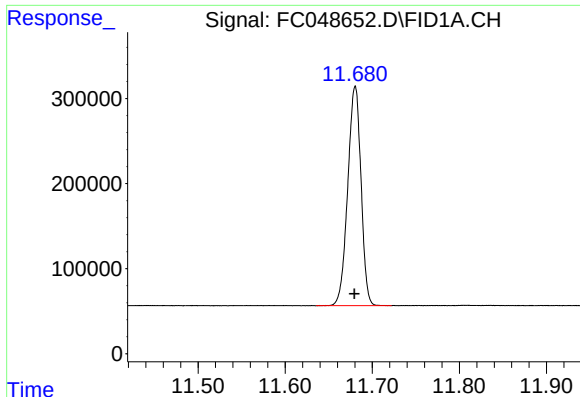
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2607749
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.002 min
Response: 2660717
Conc: 20.79 ug/ml



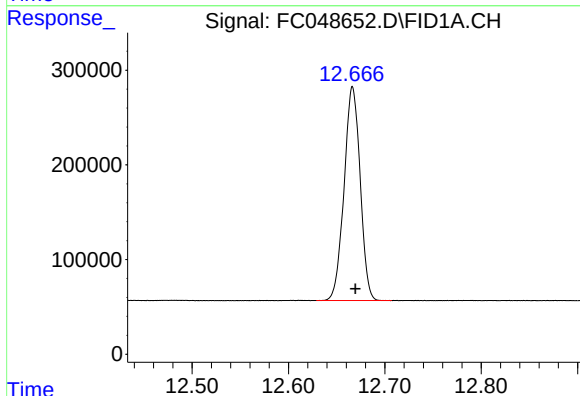
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 2731185
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

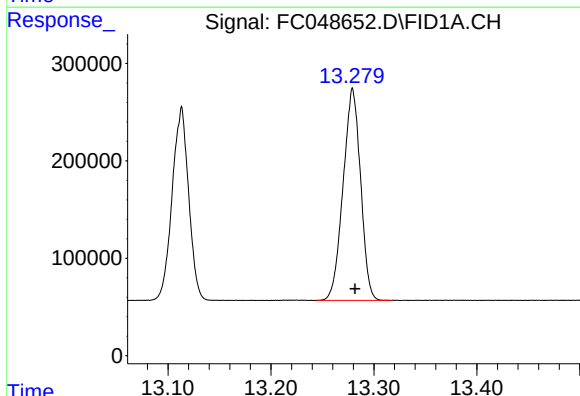
Manual Integrations
APPROVED

Ankita
7/27/2020 11:19:53 AM



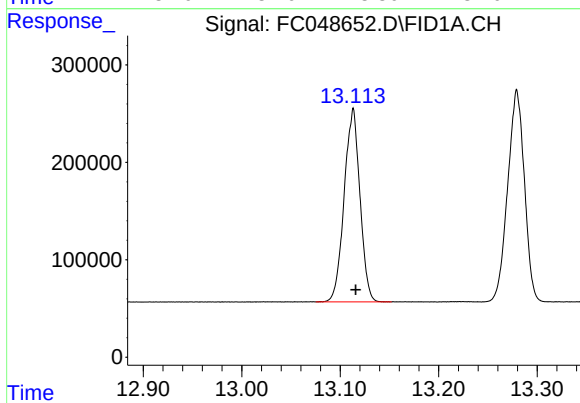
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2609560
Conc: 20.18 ug/ml



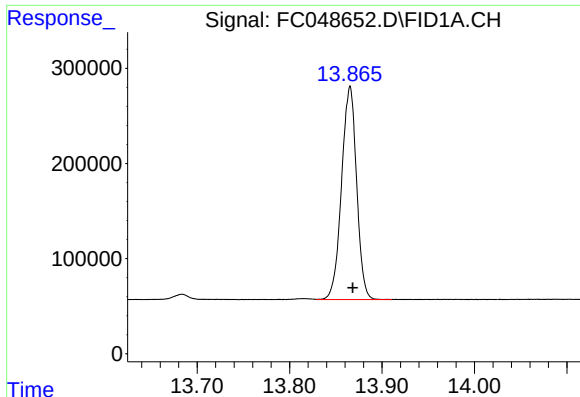
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.002 min
Response: 2569038
Conc: 19.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.003 min
Response: 2206755
Conc: 19.58 ug/ml



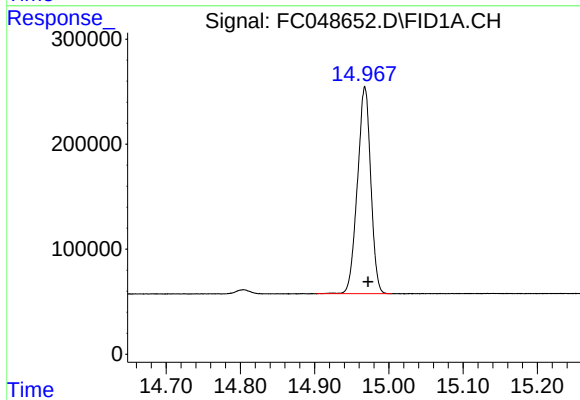
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2533645
Conc: 19.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

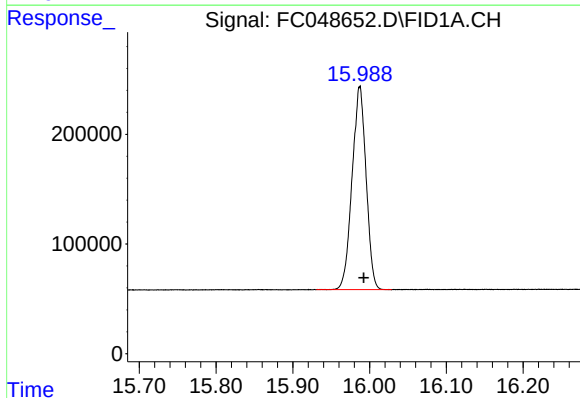
Manual Integrations
APPROVED

Ankita
7/27/2020 11:19:53 AM



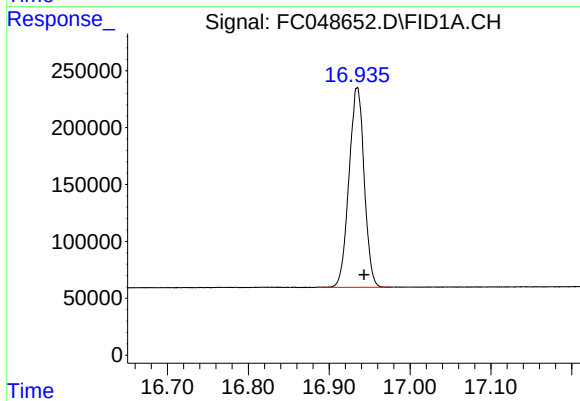
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.004 min
Response: 2459713
Conc: 18.76 ug/ml



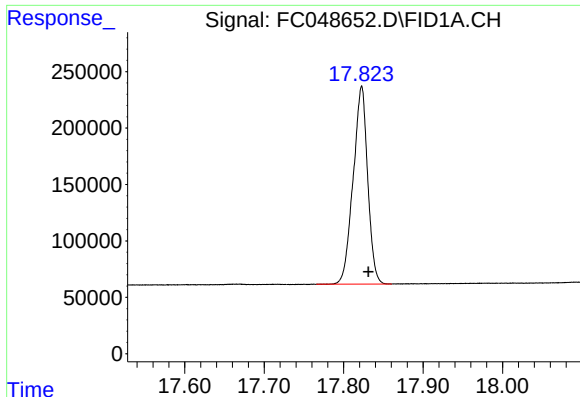
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.005 min
Response: 2348956
Conc: 18.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: -0.009 min
Response: 2291989
Conc: 17.54 ug/ml



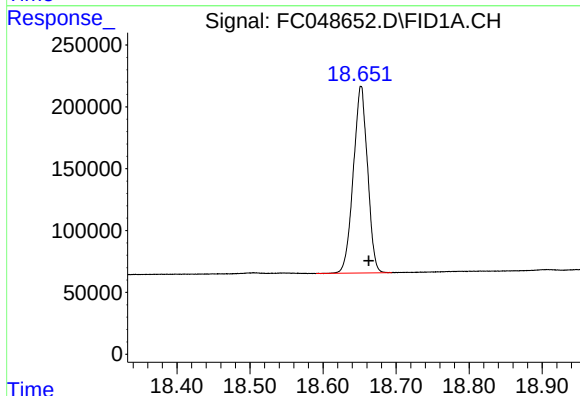
#17 n-Tricontane (C30)

R.T.: 17.823 min
Delta R.T.: -0.008 min
Response: 2227086
Conc: 17.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

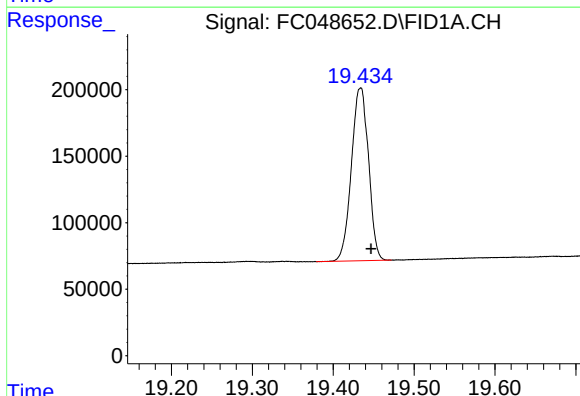
Manual Integrations
APPROVED

Ankita
7/27/2020 11:19:53 AM



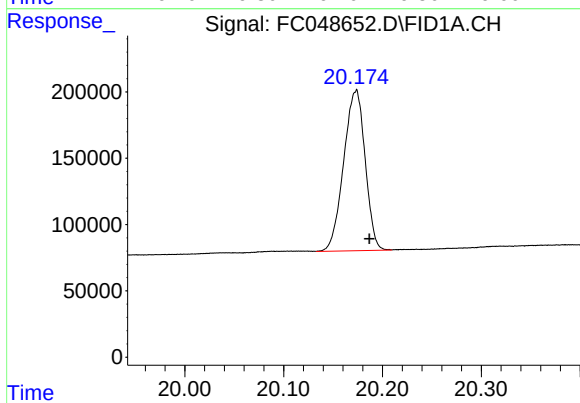
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.011 min
Response: 2041292
Conc: 17.28 ug/ml



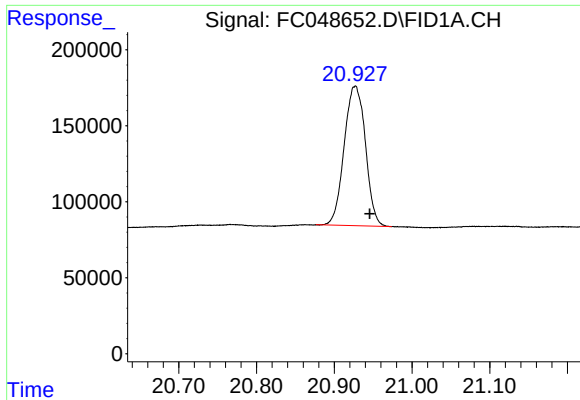
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: -0.013 min
Response: 1907673
Conc: 17.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.174 min
Delta R.T.: -0.013 min
Response: 1830084
Conc: 17.40 ug/ml m



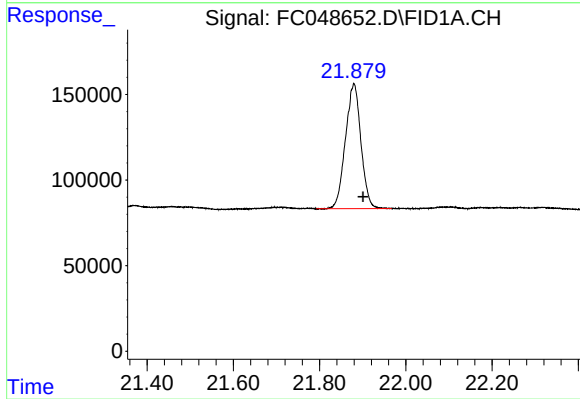
#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: -0.019 min
Response: 1743865
Conc: 17.76 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
7/27/2020 11:19:53 AM



#22 n-Tetracontane (C40)

R.T.: 21.880 min
Delta R.T.: -0.021 min
Response: 1817101
Conc: 18.70 ug/ml