

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092619AL\
 Data File : FC043668.D
 Signal(s) : FID1A.CH
 Acq On : 27 Sep 2019 7:13
 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
 9/27/2019 1:26:22 PM

Integration File: autoint1.e
 Quant Time: Sep 27 07:46:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 2019
 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)	11.583	2995023	19.733 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	13.003	2327823	19.634 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.433	2493835	20.627 ug/ml
2) T n-Decane (C10)	4.486	2516315	20.789 ug/ml
3) T A~Naphthalene (C11.7)	6.065	2498344	21.220 ug/ml
4) T n-Dodecane (C12)	6.477	2643662	20.902 ug/ml
5) T A~2-methylnaphthalene...	7.109	2539123	21.071 ug/ml
6) T n-Tetradecane (C14)	8.251	2697519	20.956 ug/ml
7) T n-Hexadecane (C16)	9.834	2741891	20.824 ug/ml
8) T n-Octadecane (C18)	11.262	2780781	20.388 ug/ml
10) T n-Eicosane (C20)	12.560	2786078	19.961 ug/ml
11) T n-Heneicosane (C21)	13.167	2793571	19.657 ug/ml
13) T n-Docosane (C22)	13.749	2751617	19.365 ug/ml
14) T n-Tetracosane (C24)	14.843	2688117	18.725 ug/ml
15) T n-Hexacosane (C26)	15.856	2584118	18.071 ug/ml
16) T n-Octacosane (C28)	16.799	2475836	17.465 ug/ml
17) T n-Tricontane (C30)	17.683	2381995	16.984 ug/ml
18) T n-Dotriacontane (C32)	18.510	2223704	16.740 ug/ml
19) T n-Tetratriacontane (C34)	19.289	2116344	16.938 ug/ml
20) T n-Hexatriacontane (C36)	20.023	2024017	17.511 ug/mlm
21) T n-Octatriacontane (C38)	20.749	1898527	17.838 ug/ml
22) T n-Tetracontane (C40)	21.630	1940753	18.562 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092619AL\
Data File : FC043668.D
Signal(s) : FID1A.CH
Acq On : 27 Sep 2019 7:13
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

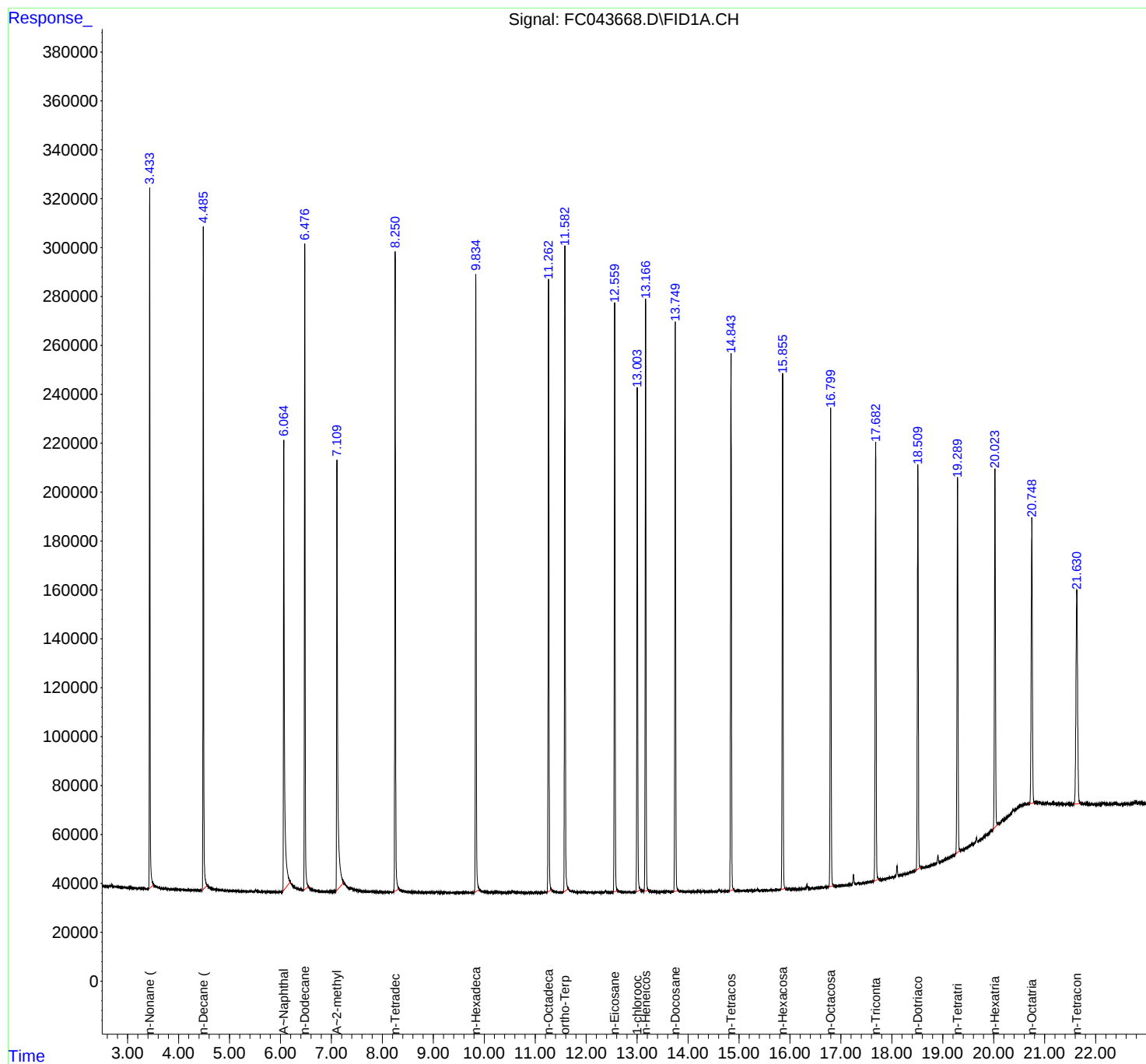
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

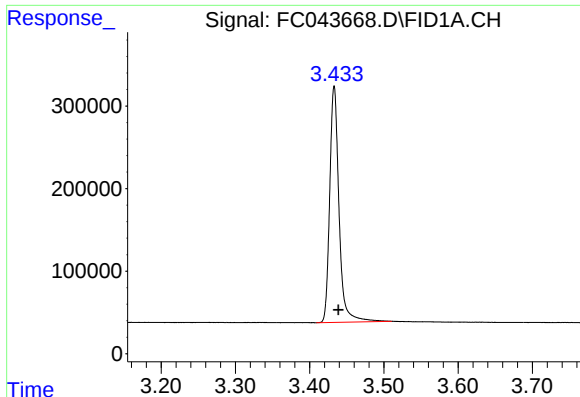
Manual Integrations
APPROVED

Ankita
9/27/2019 1:26:22 PM

Integration File: autoint1.e
Quant Time: Sep 27 07:46:44 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092519.M
Quant Title : GC Extractables
QLast Update : Thu Sep 26 10:57:53 2019
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





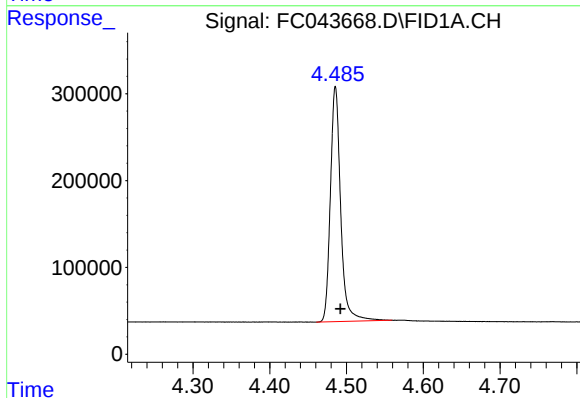
#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: -0.006 min
Response: 2493835
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

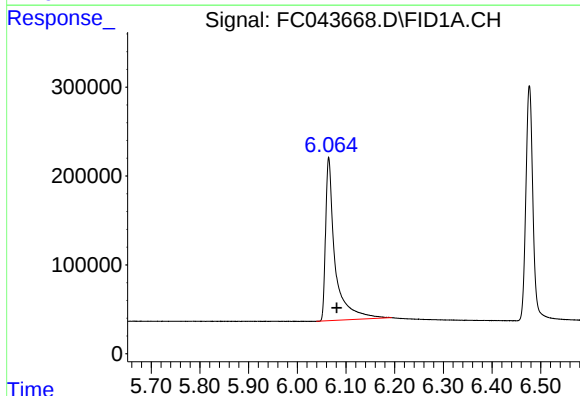
Manual Integrations
APPROVED

Ankita
9/27/2019 1:26:22 PM



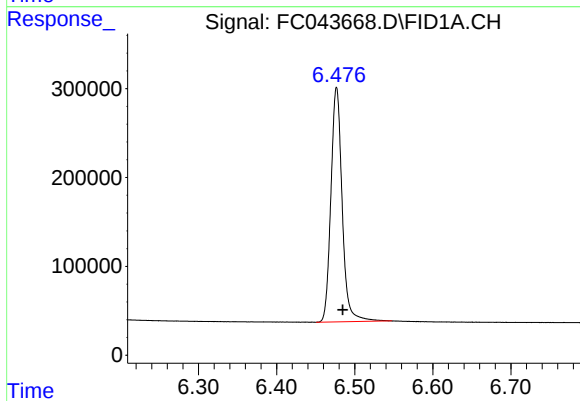
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.006 min
Response: 2516315
Conc: 20.79 ug/ml



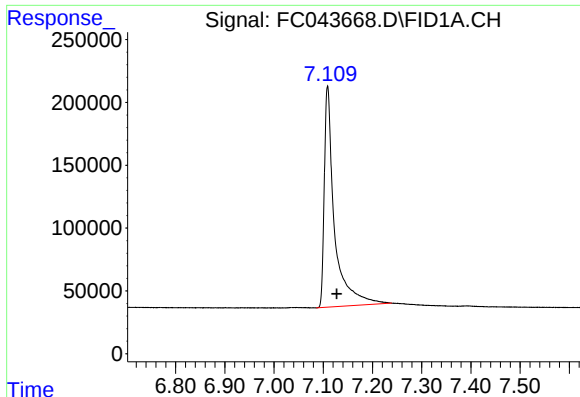
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.016 min
Response: 2498344
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 2643662
Conc: 20.90 ug/ml



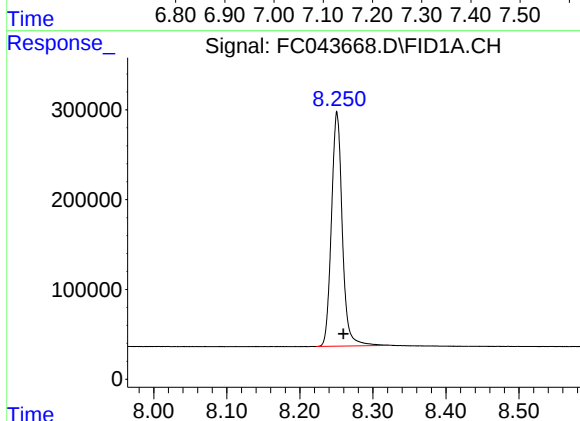
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.109 min
Delta R.T.: -0.018 min
Response: 2539123
Conc: 21.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

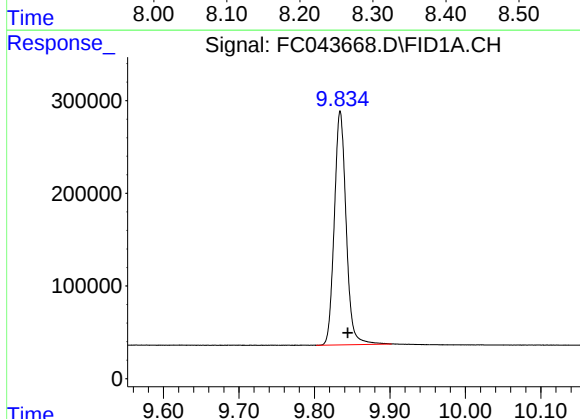
Manual Integrations
APPROVED

Ankita
9/27/2019 1:26:22 PM



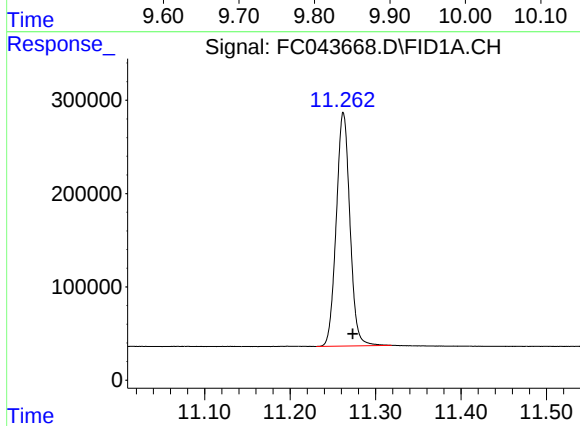
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.009 min
Response: 2697519
Conc: 20.96 ug/ml



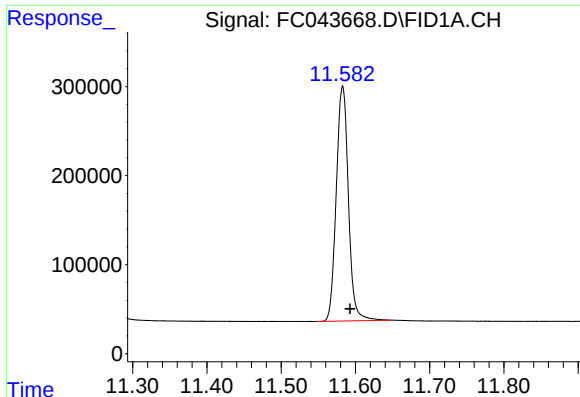
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.010 min
Response: 2741891
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: -0.011 min
Response: 2780781
Conc: 20.39 ug/ml



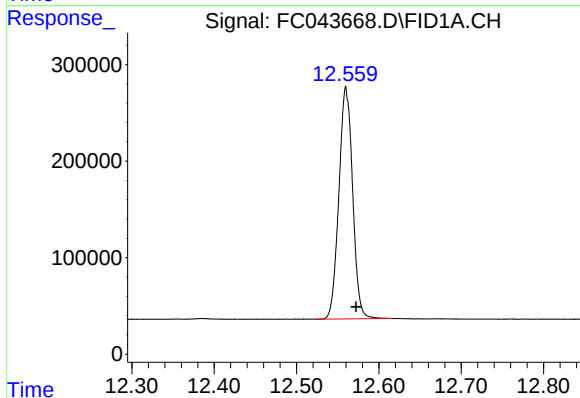
#9 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: -0.010 min
Response: 2995023
Conc: 19.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

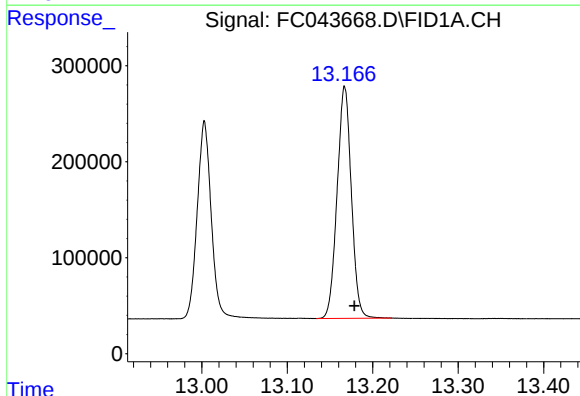
Manual Integrations
APPROVED

Ankita
9/27/2019 1:26:22 PM



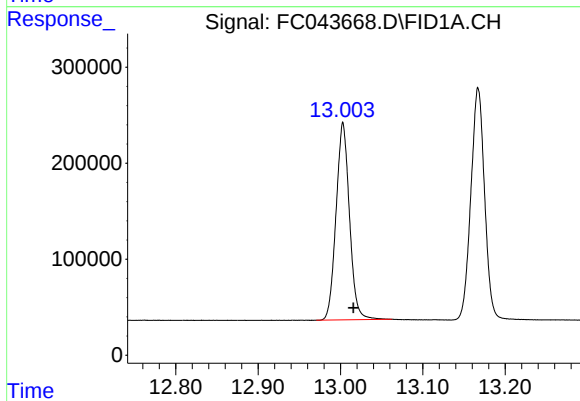
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.012 min
Response: 2786078
Conc: 19.96 ug/ml



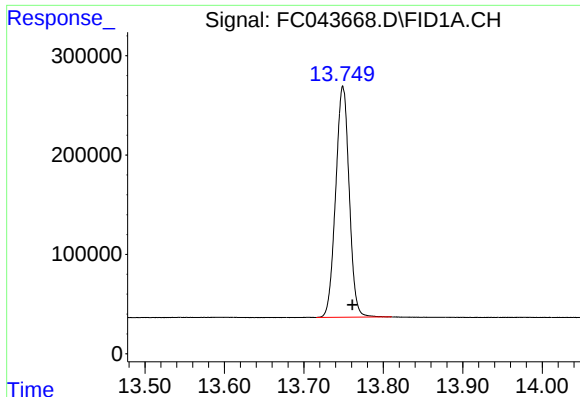
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.012 min
Response: 2793571
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.013 min
Response: 2327823
Conc: 19.63 ug/ml



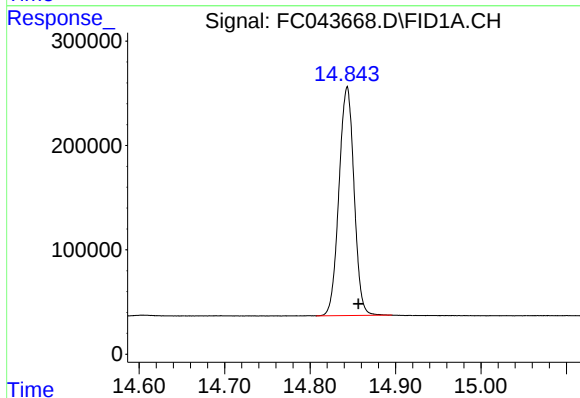
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.012 min
Response: 2751617
Conc: 19.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

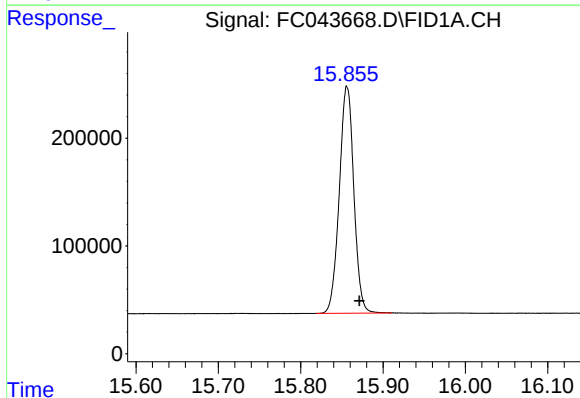
Manual Integrations
APPROVED

Ankita
9/27/2019 1:26:22 PM



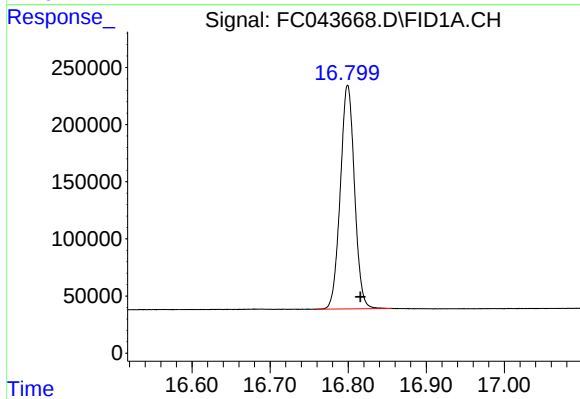
#14 n-Tetracosane (C24)

R.T.: 14.843 min
Delta R.T.: -0.013 min
Response: 2688117
Conc: 18.72 ug/ml



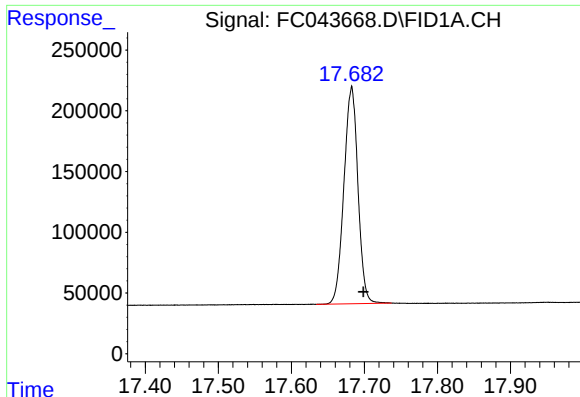
#15 n-Hexacosane (C26)

R.T.: 15.856 min
Delta R.T.: -0.015 min
Response: 2584118
Conc: 18.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.016 min
Response: 2475836
Conc: 17.47 ug/ml



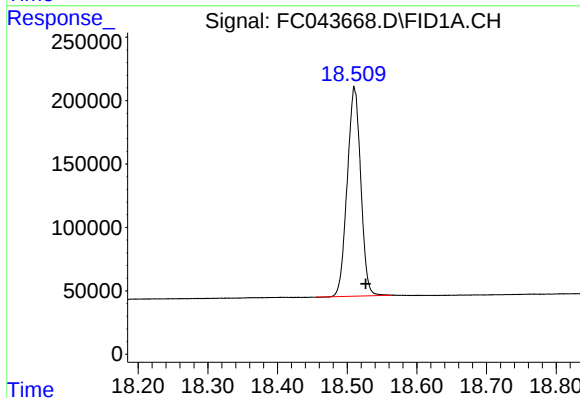
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.016 min
Response: 2381995
Conc: 16.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

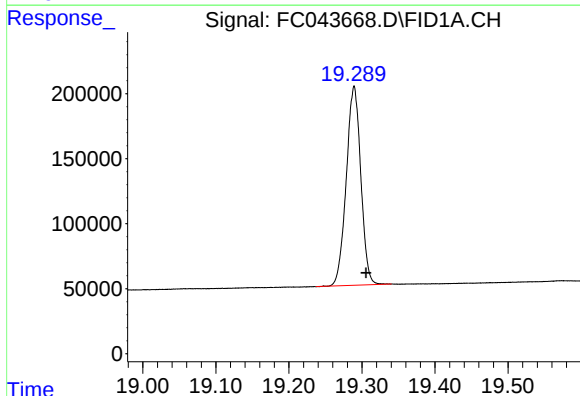
Manual Integrations
APPROVED

Ankita
9/27/2019 1:26:22 PM



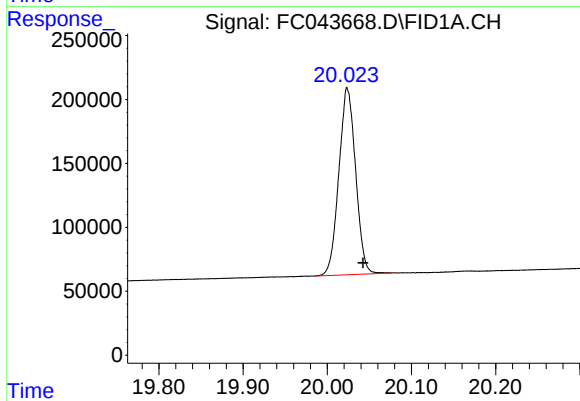
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: -0.016 min
Response: 2223704
Conc: 16.74 ug/ml



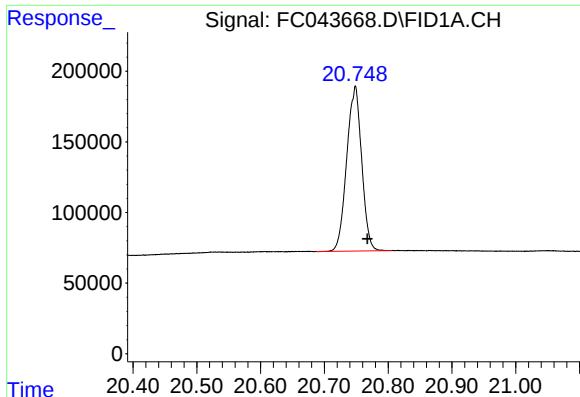
#19 n-Tetratriacontane (C34)

R.T.: 19.289 min
Delta R.T.: -0.016 min
Response: 2116344
Conc: 16.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.023 min
Delta R.T.: -0.020 min
Response: 2024017
Conc: 17.51 ug/ml m



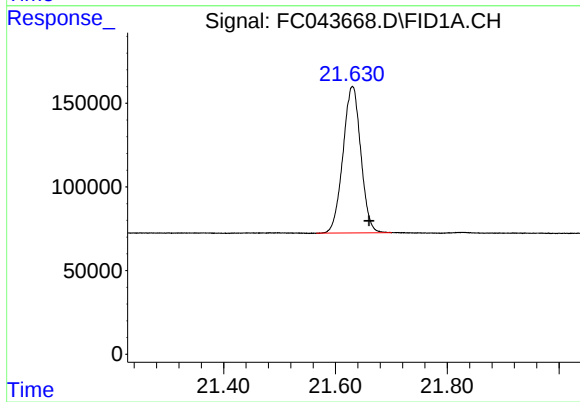
#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.019 min
Response: 1898527
Conc: 17.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
9/27/2019 1:26:22 PM



#22 n-Tetracontane (C40)

R.T.: 21.630 min
Delta R.T.: -0.030 min
Response: 1940753
Conc: 18.56 ug/ml