

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120320AL\
 Data File : FC051112.D
 Signal(s) : FID1A.CH
 Acq On : 04 Dec 2020 1:36
 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
 12/7/2020 12:16:27 PM

Integration File: autoint1.e
 Quant Time: Dec 04 02:55:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.594	2349790	19.097 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	13.027	1815556	18.611 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
Target Compounds			
1) T n-Nonane (C9)	3.347	2347423	22.058 ug/ml
2) T n-Decane (C10)	4.415	2356378	22.186 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2445800	21.755 ug/ml
4) T n-Dodecane (C12)	6.435	2390461	21.970 ug/ml
5) T A~2-methylnaphthalene...	7.066	2438583	21.578 ug/ml
6) T n-Tetradecane (C14)	8.230	2353468	21.751 ug/ml
7) T n-Hexadecane (C16)	9.831	2257116	21.033 ug/ml
8) T n-Octadecane (C18)	11.274	2290534	20.082 ug/ml
10) T n-Eicosane (C20)	12.582	2229099	19.188 ug/ml
11) T n-Heneicosane (C21)	13.193	2175310	18.775 ug/ml
13) T n-Docosane (C22)	13.780	2178488	18.809 ug/ml
14) T n-Tetracosane (C24)	14.882	2103164	18.287 ug/ml
15) T n-Hexacosane (C26)	15.902	2078458	18.459 ug/ml
16) T n-Octacosane (C28)	16.851	2079847	18.784 ug/ml
17) T n-Tricontane (C30)	17.736	2069868	19.485 ug/ml
18) T n-Dotriacontane (C32)	18.565	1920890	19.659 ug/ml
19) T n-Tetratriacontane (C34)	19.349	1854755	20.782 ug/ml
20) T n-Hexatriacontane (C36)	20.088	1789670	21.458 ug/ml
21) T n-Octatriacontane (C38)	20.828	1660954	21.328 ug/mlm
22) T n-Tetracontane (C40)	21.747	1777984	21.474 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120320AL\
Data File : FC051112.D
Signal(s) : FID1A.CH
Acq On : 04 Dec 2020 1:36
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

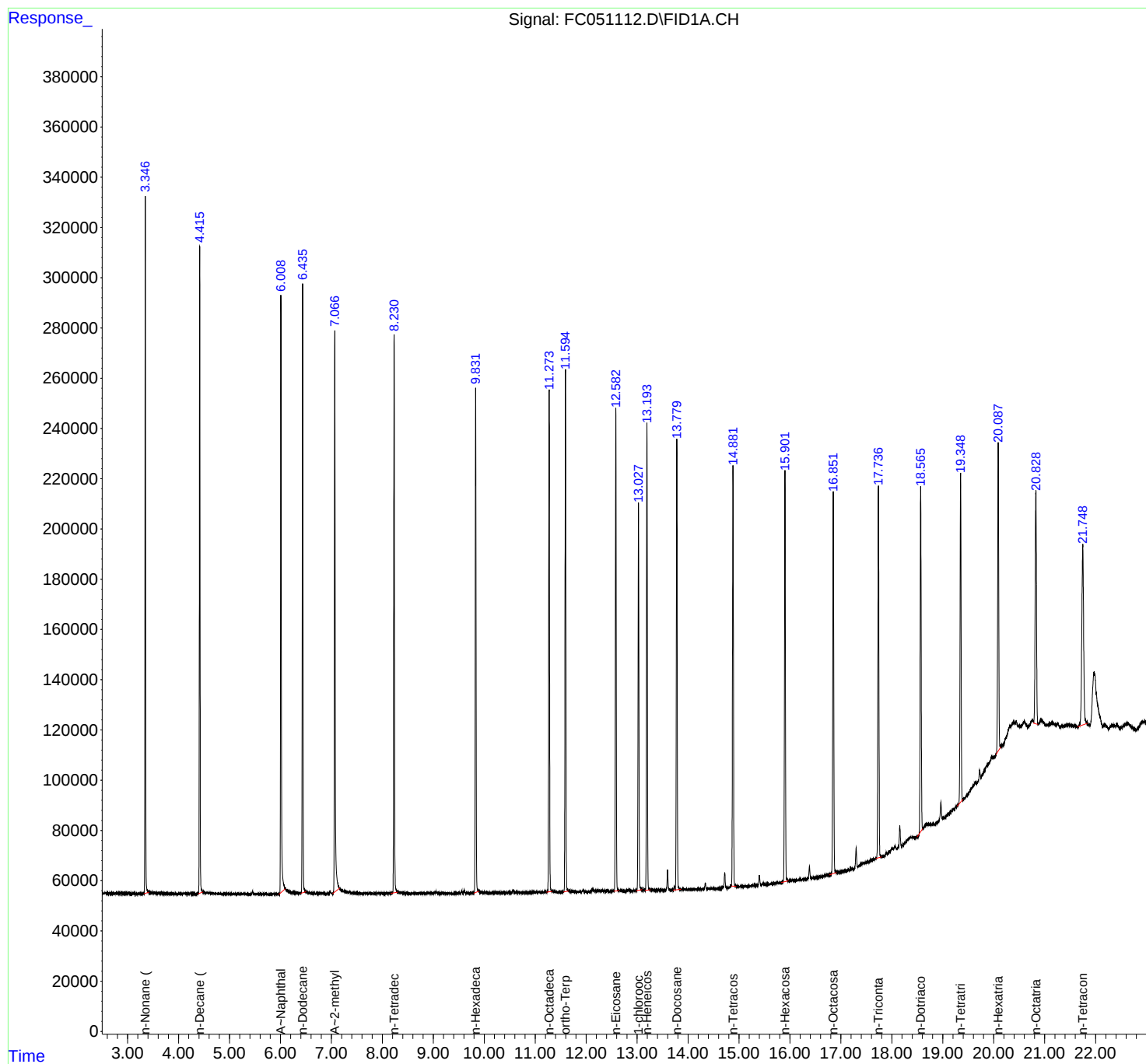
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

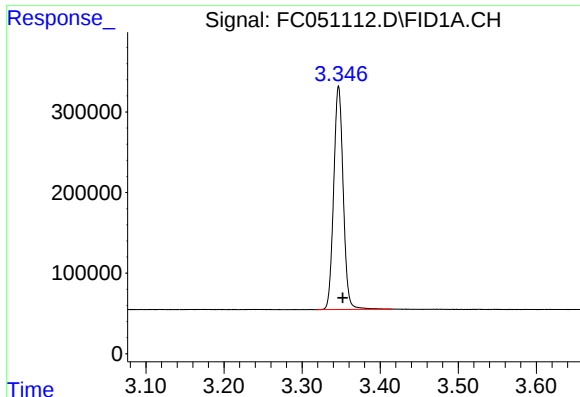
Manual Integrations
APPROVED

Ankita
12/7/2020 12:16:27 PM

Integration File: autoint1.e
Quant Time: Dec 04 02:55:42 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112720.M
Quant Title : GC Extractables
QLast Update : Mon Nov 30 10:42:25 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





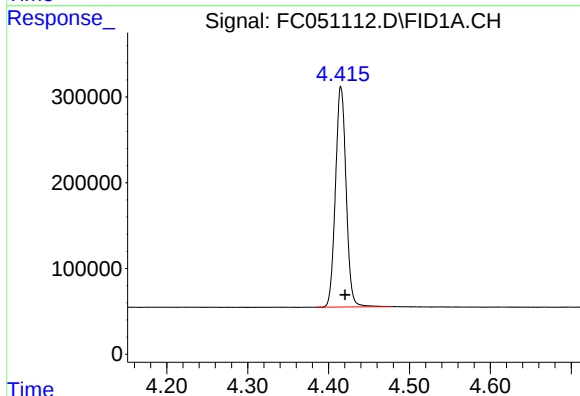
#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.005 min
Response: 2347423
Conc: 22.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

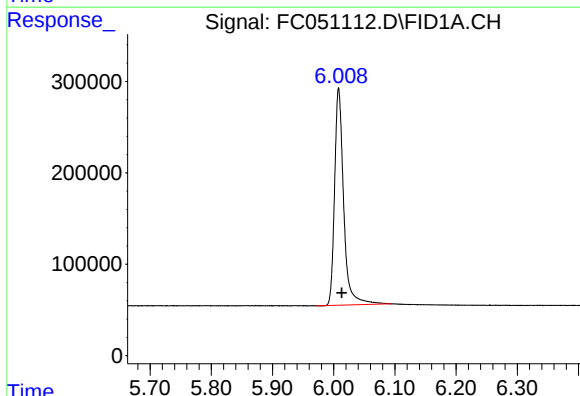
Manual Integrations
APPROVED

Ankita
12/7/2020 12:16:27 PM



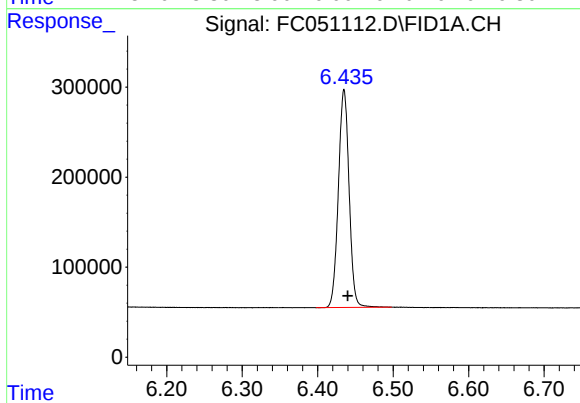
#2 n-Decane (C10)

R.T.: 4.415 min
Delta R.T.: -0.005 min
Response: 2356378
Conc: 22.19 ug/ml



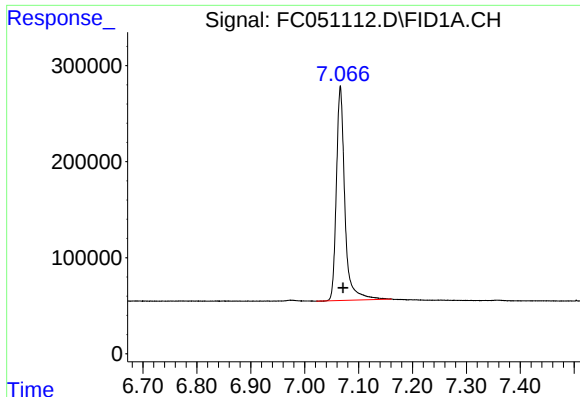
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.005 min
Response: 2445800
Conc: 21.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: -0.005 min
Response: 2390461
Conc: 21.97 ug/ml



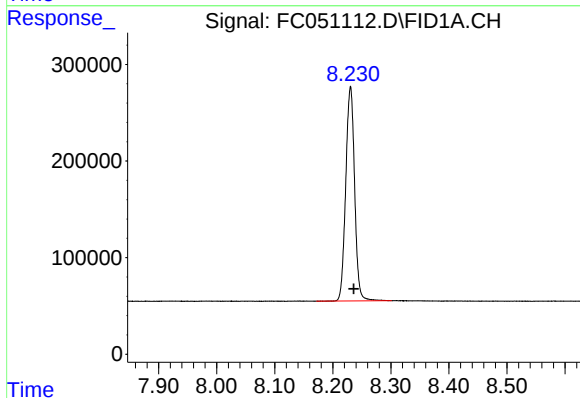
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 2438583
Conc: 21.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

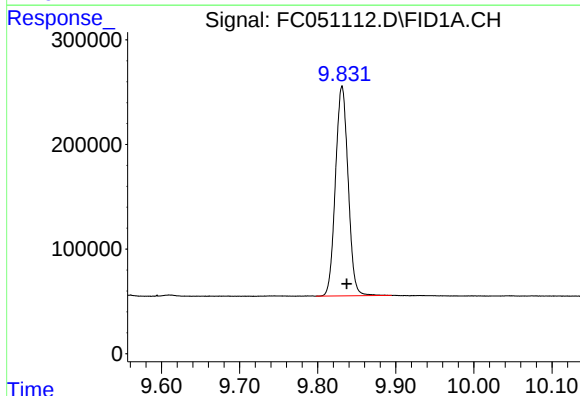
Manual Integrations
APPROVED

Ankita
12/7/2020 12:16:27 PM



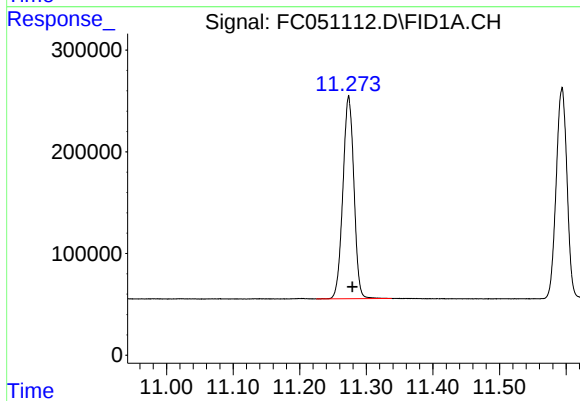
#6 n-Tetradecane (C14)

R.T.: 8.230 min
Delta R.T.: -0.006 min
Response: 2353468
Conc: 21.75 ug/ml



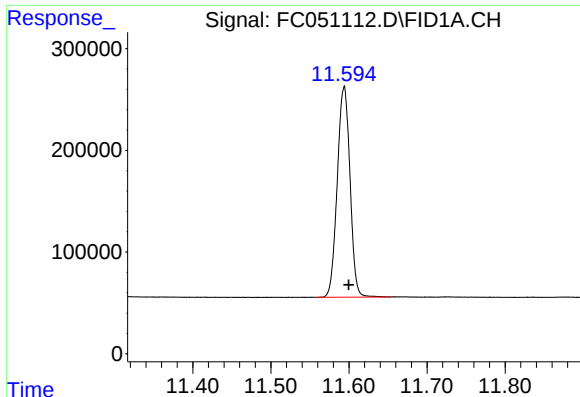
#7 n-Hexadecane (C16)

R.T.: 9.831 min
Delta R.T.: -0.006 min
Response: 2257116
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.274 min
Delta R.T.: -0.006 min
Response: 2290534
Conc: 20.08 ug/ml



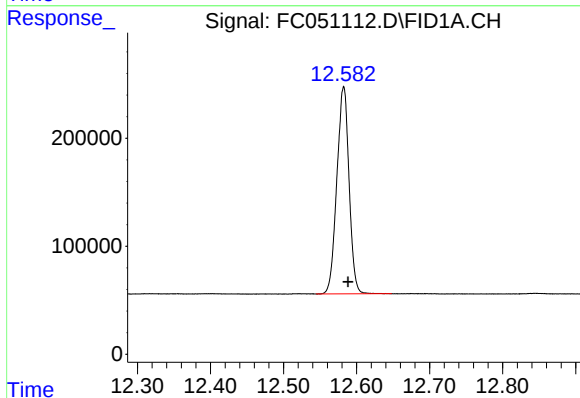
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.006 min
Response: 2349790
Conc: 19.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

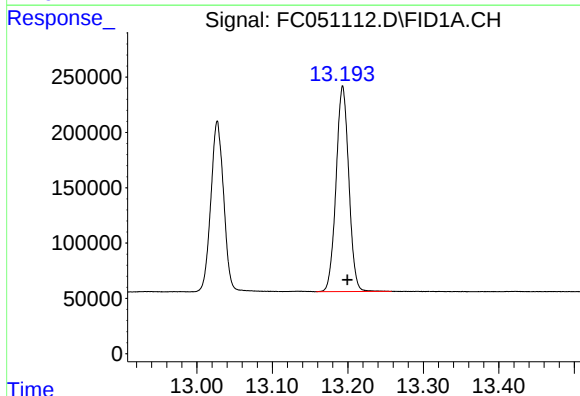
Manual Integrations
APPROVED

Ankita
12/7/2020 12:16:27 PM



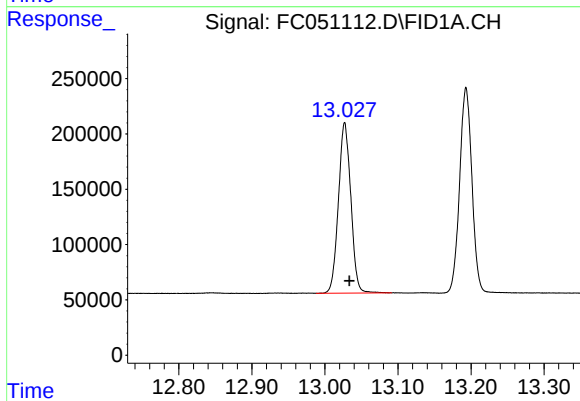
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.006 min
Response: 2229099
Conc: 19.19 ug/ml



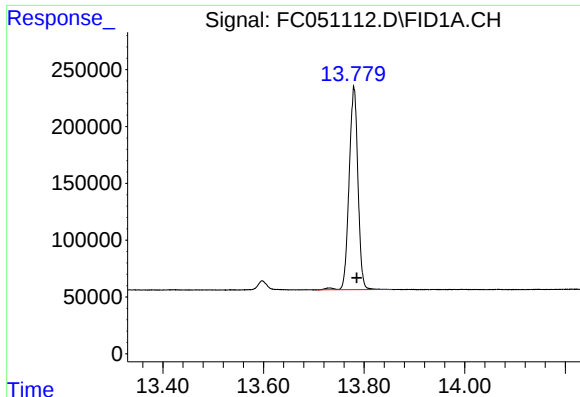
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.006 min
Response: 2175310
Conc: 18.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.006 min
Response: 1815556
Conc: 18.61 ug/ml



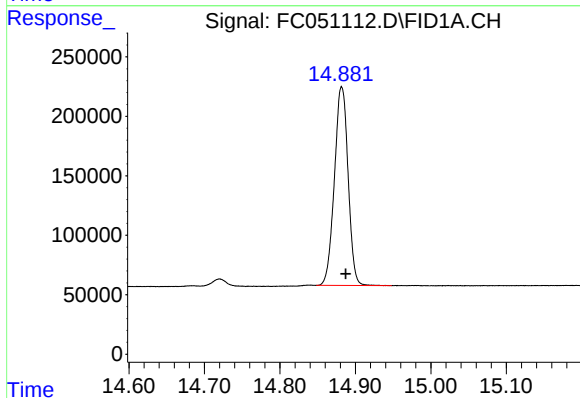
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: -0.006 min
Response: 2178488
Conc: 18.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

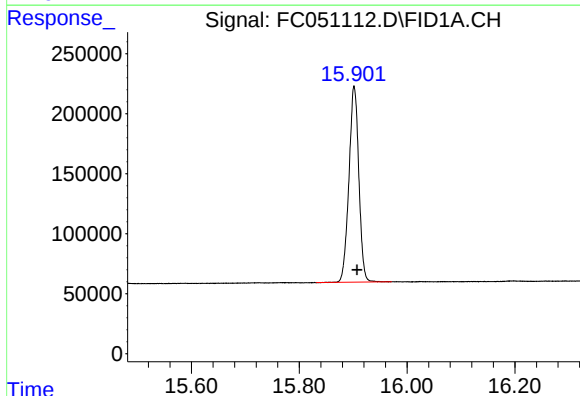
Manual Integrations
APPROVED

Ankita
12/7/2020 12:16:27 PM



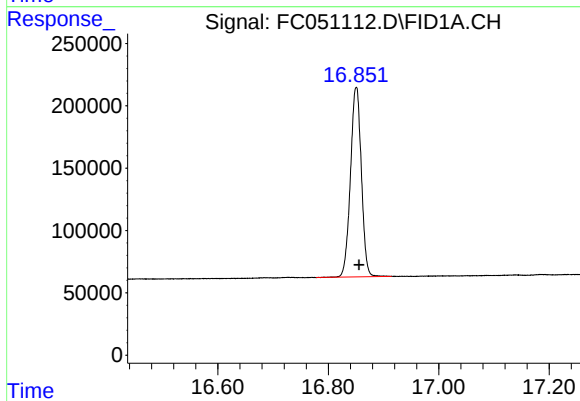
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: -0.005 min
Response: 2103164
Conc: 18.29 ug/ml



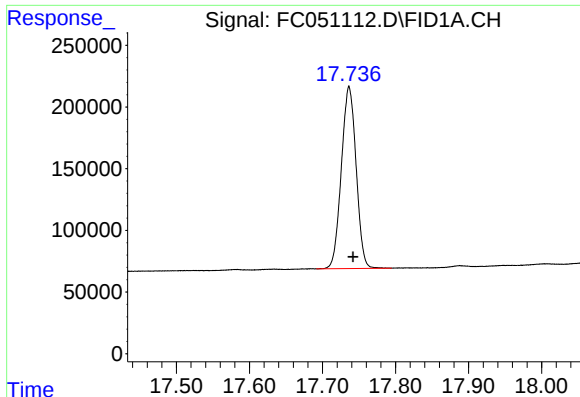
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: -0.005 min
Response: 2078458
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.851 min
Delta R.T.: -0.005 min
Response: 2079847
Conc: 18.78 ug/ml



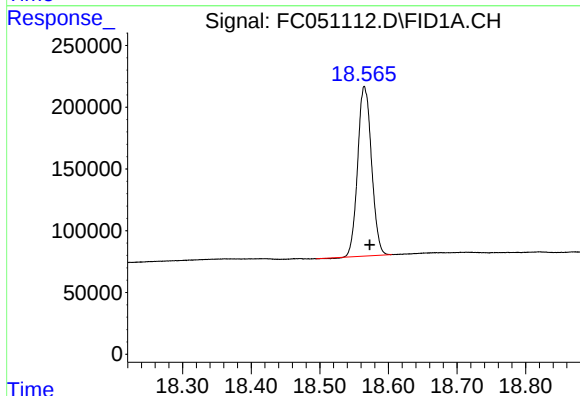
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.006 min
Response: 2069868
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

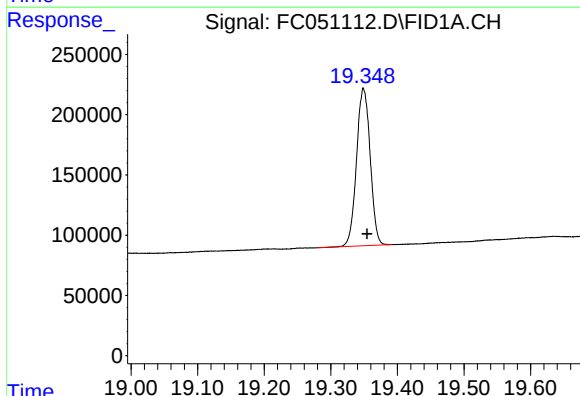
Manual Integrations
APPROVED

Ankita
12/7/2020 12:16:27 PM



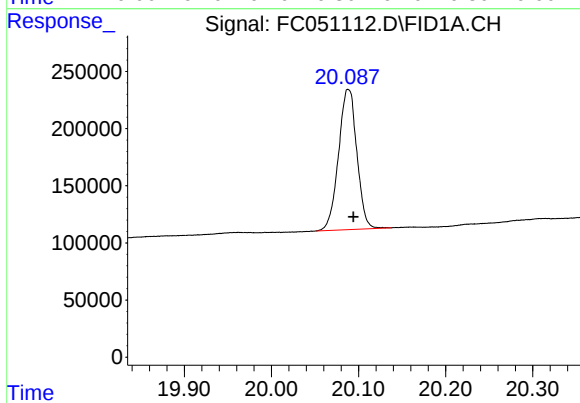
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.008 min
Response: 1920890
Conc: 19.66 ug/ml



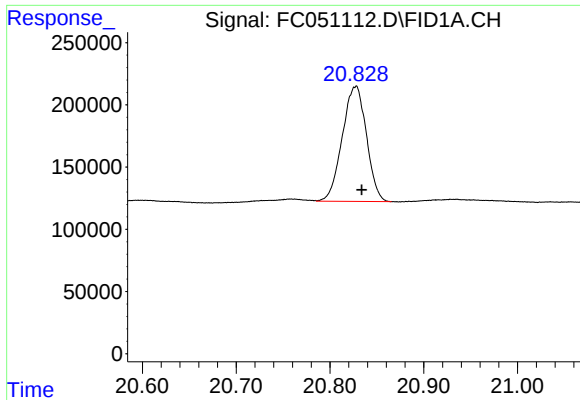
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.005 min
Response: 1854755
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.088 min
Delta R.T.: -0.006 min
Response: 1789670
Conc: 21.46 ug/ml



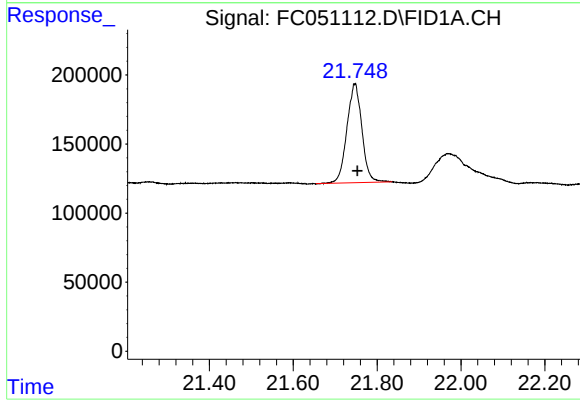
#21 n-Octatriacontane (C38)

R.T.: 20.828 min
Delta R.T.: -0.006 min
Response: 1660954
Conc: 21.33 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
12/7/2020 12:16:27 PM



#22 n-Tetracontane (C40)

R.T.: 21.747 min
Delta R.T.: -0.006 min
Response: 1777984
Conc: 21.47 ug/ml