

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042621AL\
 Data File : FC053391.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2021 11:13
 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
 4/27/2021 1:58:46 PM

Integration File: autoint1.e
 Quant Time: Apr 26 13:15:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.561	2447352	17.684 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
12) S 1-chlorooctadecane (S...	13.003	1838568	16.987 ug/ml
Spiked Amount 50.000		Recovery =	33.97%
Target Compounds			
1) T n-Nonane (C9)	3.308	2415429	20.820 ug/ml
2) T n-Decane (C10)	4.375	2443047	20.875 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2694592	20.713 ug/ml
4) T n-Dodecane (C12)	6.397	2493183	20.892 ug/ml
5) T A~2-methylnaphthalene...	7.024	2730920	20.661 ug/ml
6) T n-Tetradecane (C14)	8.197	2473468	20.323 ug/ml
7) T n-Hexadecane (C16)	9.801	2387303	19.840 ug/ml
8) T n-Octadecane (C18)	11.245	2380778	18.789 ug/ml
10) T n-Eicosane (C20)	12.557	2280428	17.782 ug/ml
11) T n-Heneicosane (C21)	13.171	2210273	17.210 ug/ml
13) T n-Docosane (C22)	13.758	2198119	17.056 ug/ml
14) T n-Tetracosane (C24)	14.863	2130417	16.495 ug/ml
15) T n-Hexacosane (C26)	15.886	2093919	16.293 ug/ml
16) T n-Octacosane (C28)	16.838	2089566	16.135 ug/ml
17) T n-Tricontane (C30)	17.727	2133948	15.847 ug/ml
18) T n-Dotriacontane (C32)	18.561	2151419	15.687 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2054921	15.747 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2107920	17.410 ug/mlm
21) T n-Octatriacontane (C38)	20.825	1912199	18.147 ug/mlm
22) T n-Tetracontane (C40)	21.735	2144626	20.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042621AL\
Data File : FC053391.D
Signal(s) : FID1A.CH
Acq On : 26 Apr 2021 11:13
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

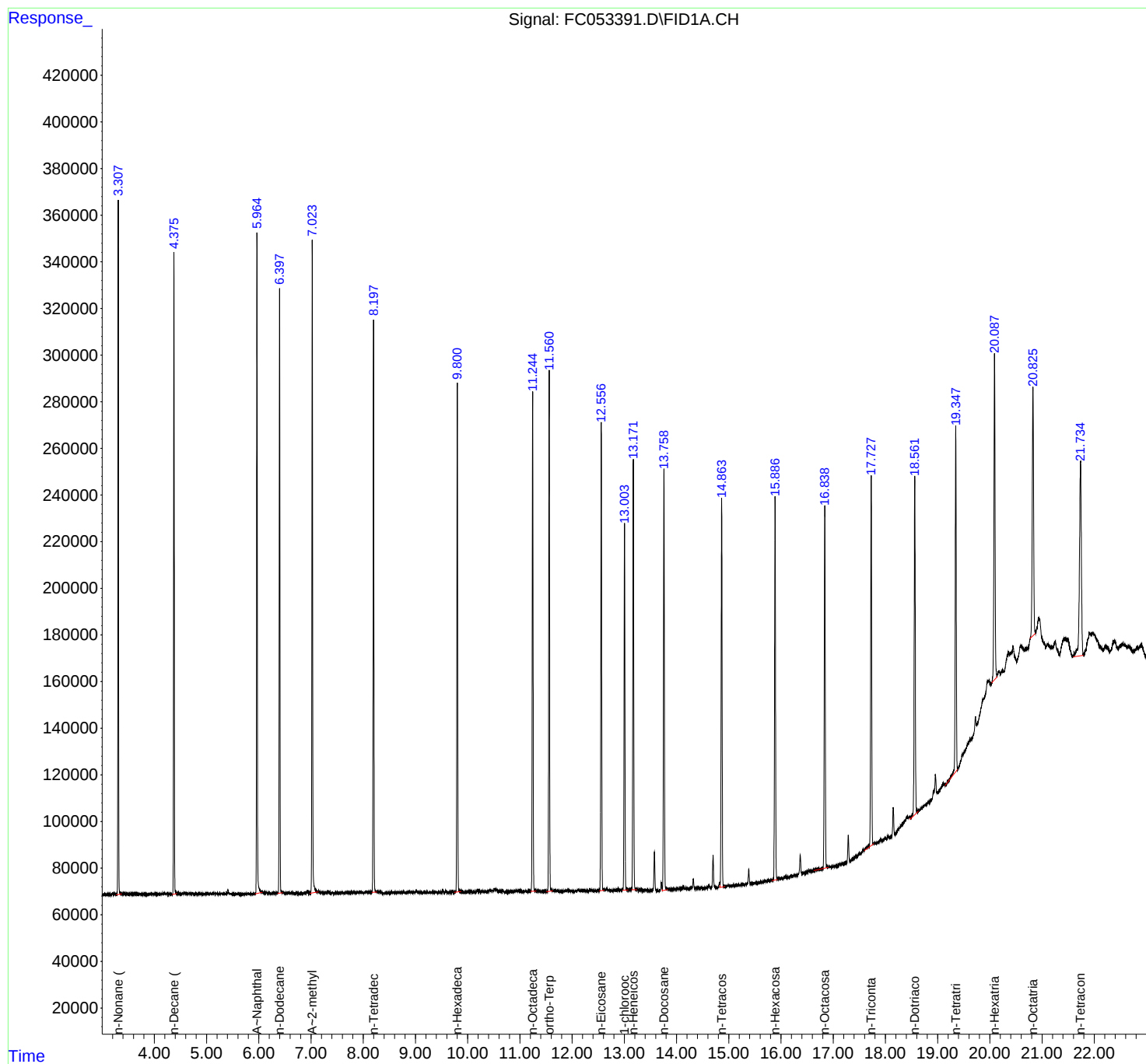
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

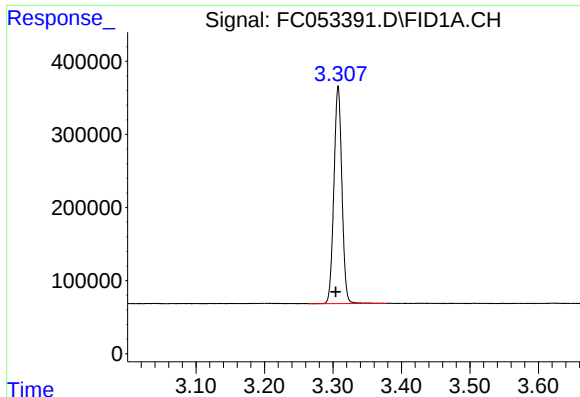
Manual Integrations
APPROVED

Ankita
4/27/2021 1:58:46 PM

Integration File: autoint1.e
Quant Time: Apr 26 13:15:39 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042021.M
Quant Title : GC Extractables
QLast Update : Wed Apr 21 11:02:12 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





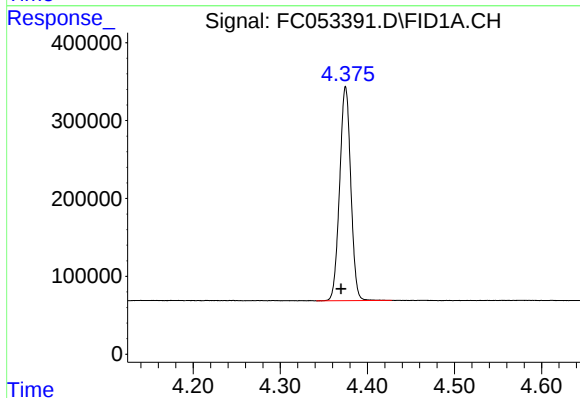
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: 0.004 min
Response: 2415429
Conc: 20.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

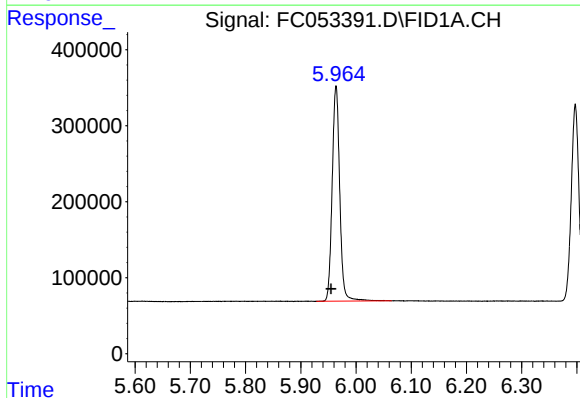
Manual Integrations
APPROVED

Ankita
4/27/2021 1:58:46 PM



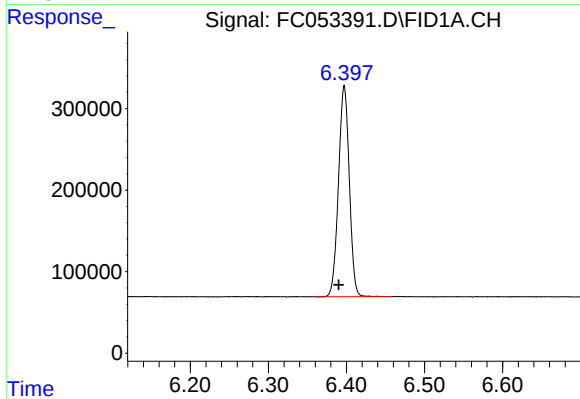
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: 0.005 min
Response: 2443047
Conc: 20.87 ug/ml



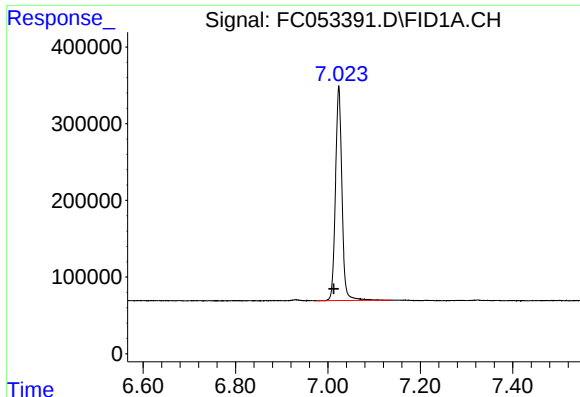
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.009 min
Response: 2694592
Conc: 20.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: 0.007 min
Response: 2493183
Conc: 20.89 ug/ml



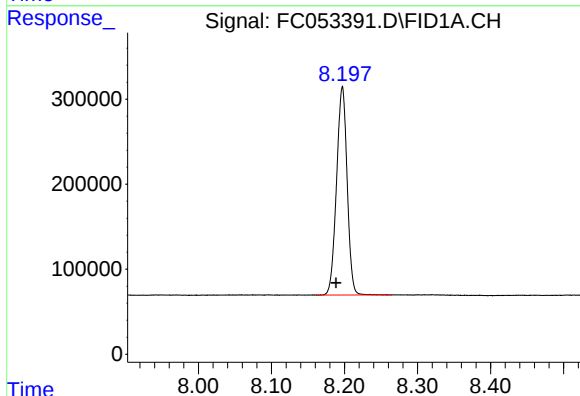
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: 0.011 min
Response: 2730920
Conc: 20.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

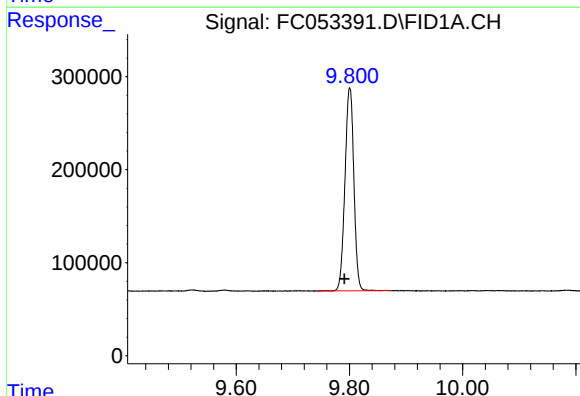
Manual Integrations
APPROVED

Ankita
4/27/2021 1:58:46 PM



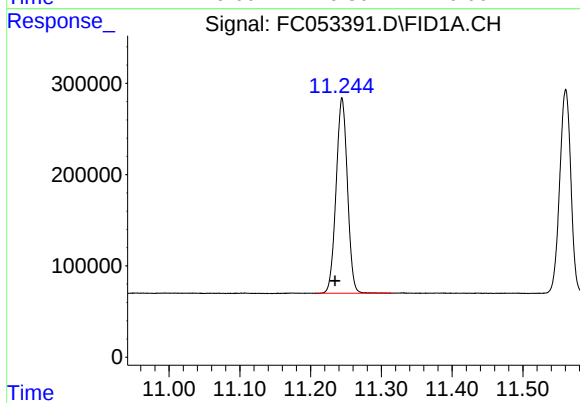
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: 0.009 min
Response: 2473468
Conc: 20.32 ug/ml



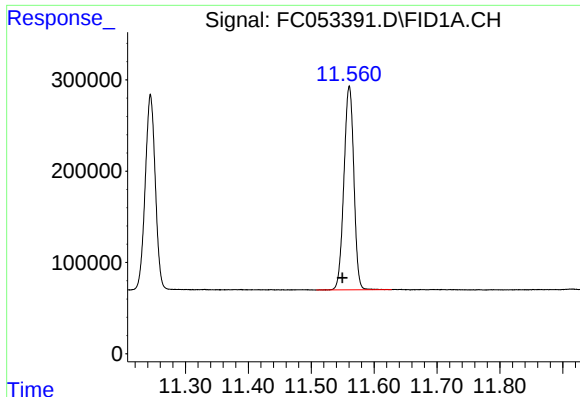
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: 0.010 min
Response: 2387303
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: 0.010 min
Response: 2380778
Conc: 18.79 ug/ml



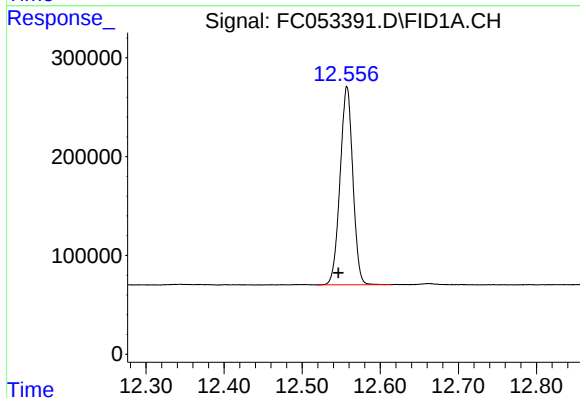
#9 ortho-Terphenyl (SURR)

R.T.: 11.561 min
Delta R.T.: 0.011 min
Response: 2447352
Conc: 17.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

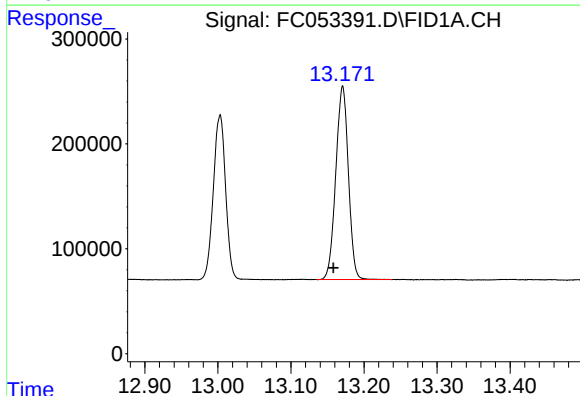
Manual Integrations
APPROVED

Ankita
4/27/2021 1:58:46 PM



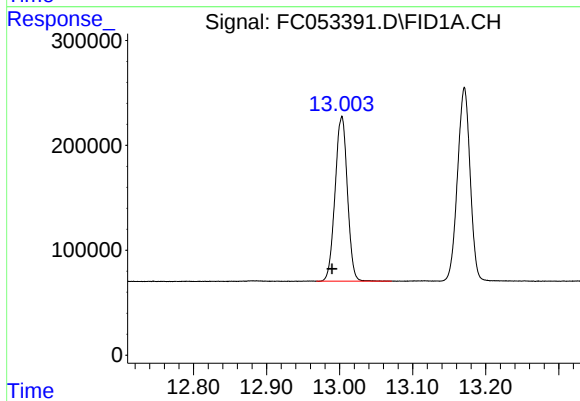
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.011 min
Response: 2280428
Conc: 17.78 ug/ml



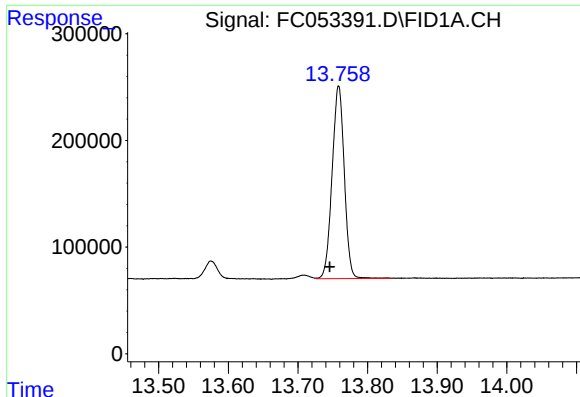
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: 0.012 min
Response: 2210273
Conc: 17.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: 0.013 min
Response: 1838568
Conc: 16.99 ug/ml



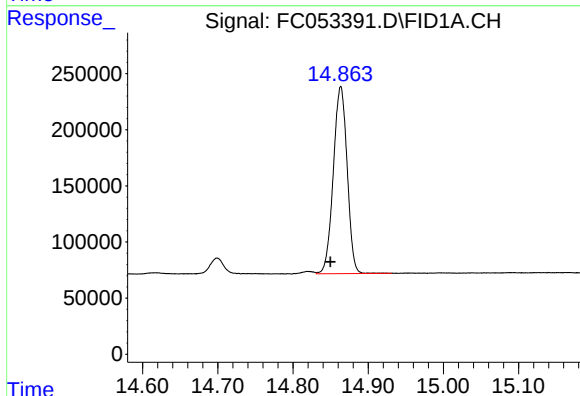
#13 n-Docosane (C22)

R.T.: 13.758 min
Delta R.T.: 0.013 min
Response: 2198119
Conc: 17.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

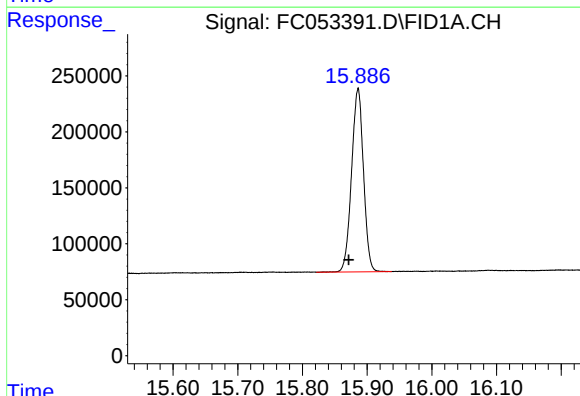
Manual Integrations
APPROVED

Ankita
4/27/2021 1:58:46 PM



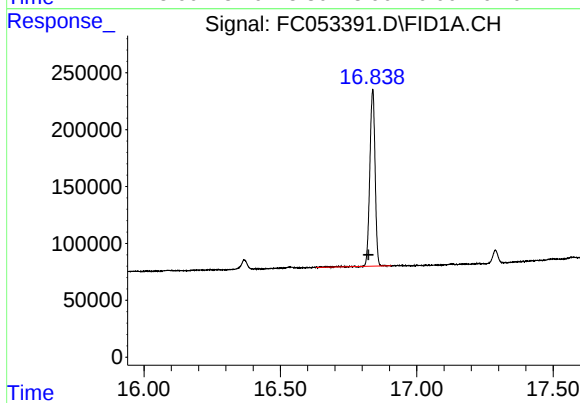
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: 0.014 min
Response: 2130417
Conc: 16.49 ug/ml



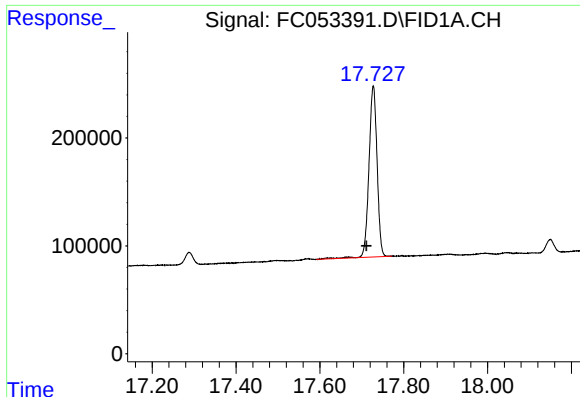
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.014 min
Response: 2093919
Conc: 16.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.838 min
Delta R.T.: 0.016 min
Response: 2089566
Conc: 16.13 ug/ml



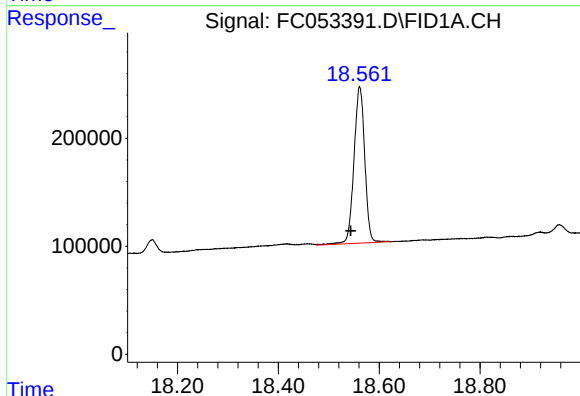
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.017 min
Response: 2133948
Conc: 15.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

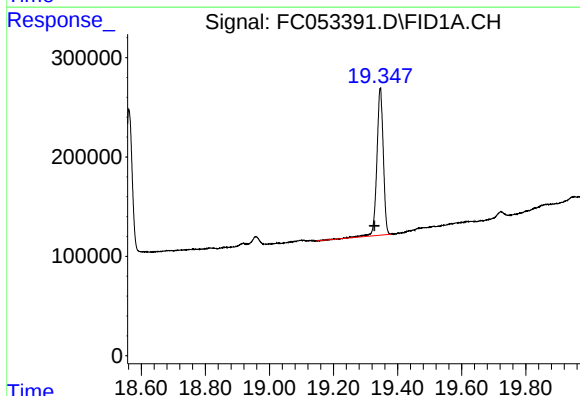
Manual Integrations
APPROVED

Ankita
4/27/2021 1:58:46 PM



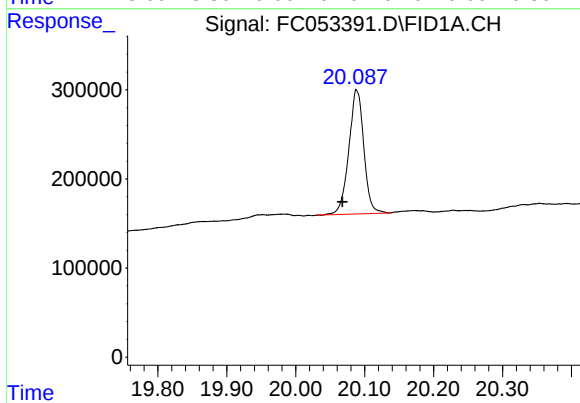
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: 0.018 min
Response: 2151419
Conc: 15.69 ug/ml



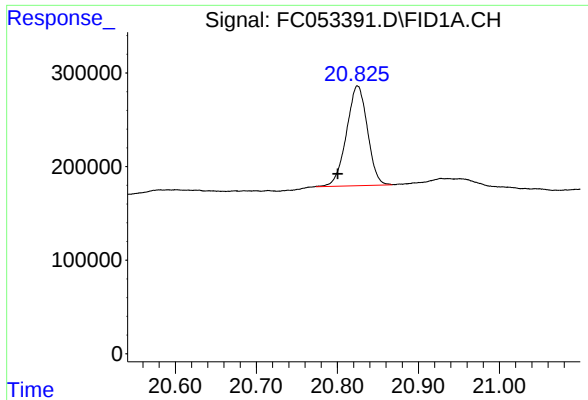
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: 0.018 min
Response: 2054921
Conc: 15.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: 0.019 min
Response: 2107920
Conc: 17.41 ug/ml m



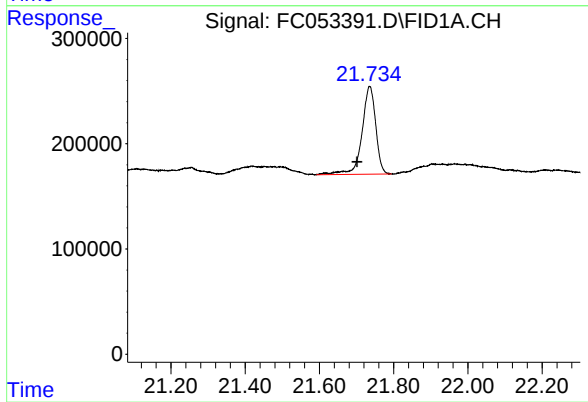
#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: 0.024 min
Response: 1912199
Conc: 18.15 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
4/27/2021 1:58:46 PM



#22 n-Tetracontane (C40)

R.T.: 21.735 min
Delta R.T.: 0.034 min
Response: 2144626
Conc: 20.48 ug/ml