

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062321AL\
 Data File : FC054420.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2021 10:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 11:02:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.337	2736651	18.021 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
12) S 1-chlorooctadecane (S...	12.781	2093449	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
Target Compounds			
1) T n-Nonane (C9)	3.149	2657512	20.651 ug/ml
2) T n-Decane (C10)	4.204	2699718	21.061 ug/ml
3) T A~Naphthalene (C11.7)	5.771	2926786	20.262 ug/ml
4) T n-Dodecane (C12)	6.212	2705751	20.634 ug/ml
5) T A~2-methylnaphthalene...	6.824	2936752	20.341 ug/ml
6) T n-Tetradecane (C14)	8.000	2700816	20.371 ug/ml
7) T n-Hexadecane (C16)	9.596	2662260	19.681 ug/ml
8) T n-Octadecane (C18)	11.034	2638021	18.901 ug/ml
10) T n-Eicosane (C20)	12.339	2524260	18.180 ug/ml
11) T n-Heneicosane (C21)	12.950	2504467	17.928 ug/ml
13) T n-Docosane (C22)	13.535	2441083	17.641 ug/ml
14) T n-Tetracosane (C24)	14.635	2366223	17.182 ug/ml
15) T n-Hexacosane (C26)	15.653	2258322	16.766 ug/ml
16) T n-Octacosane (C28)	16.601	2236984	16.882 ug/ml
17) T n-Tricontane (C30)	17.487	2253518	17.533 ug/ml
18) T n-Dotriacontane (C32)	18.319	2209749	17.960 ug/ml
19) T n-Tetratriacontane (C34)	19.100	2235920	19.113 ug/ml
20) T n-Hexatriacontane (C36)	19.839	2165174	19.616 ug/ml
21) T n-Octatriacontane (C38)	20.544	2670342	26.122 ug/ml
22) T n-Tetracontane (C40)	21.365	2263255	21.152 ug/ml

(f)=RT Delta > 1/2 Window

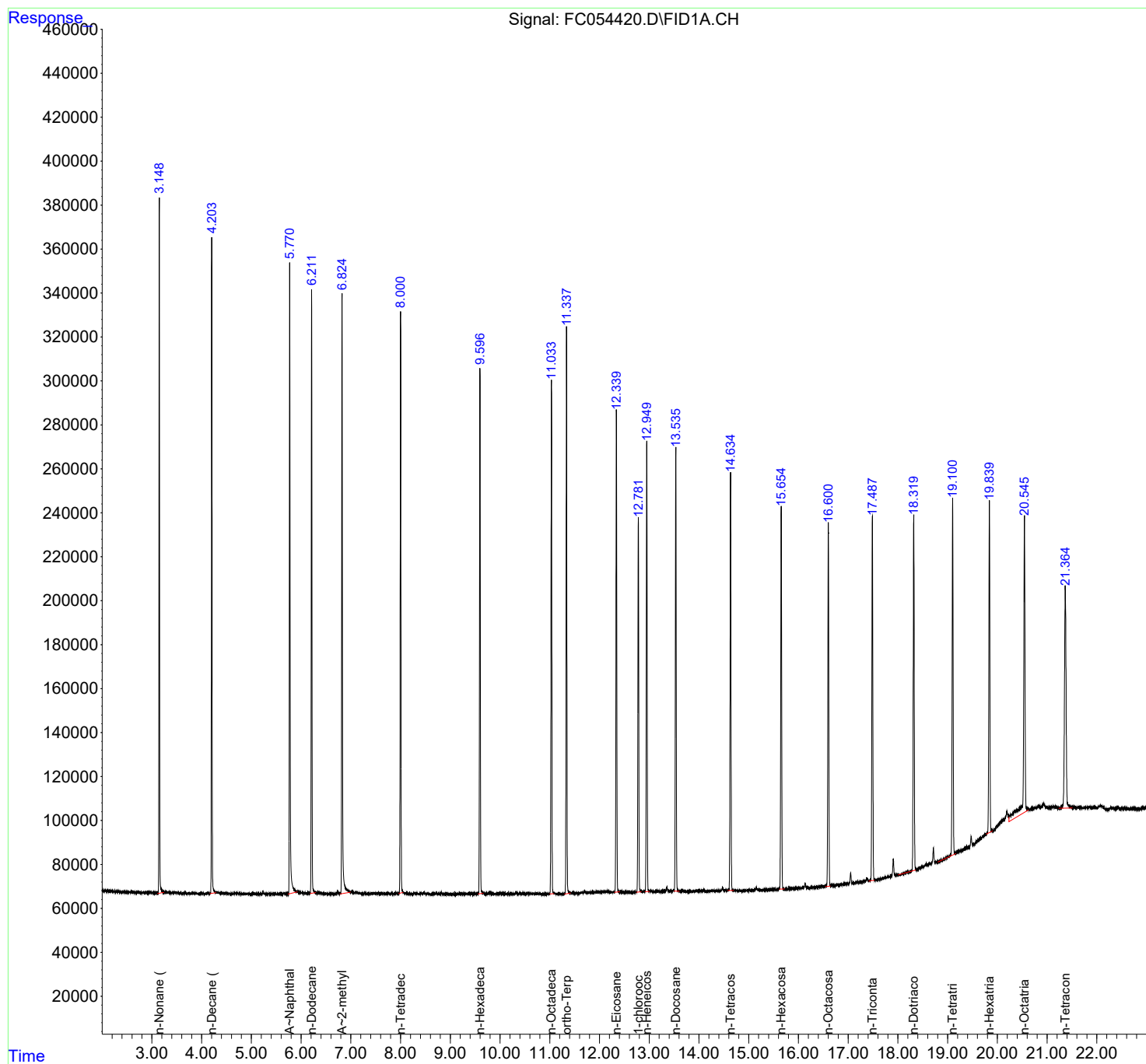
(m)=manual int.

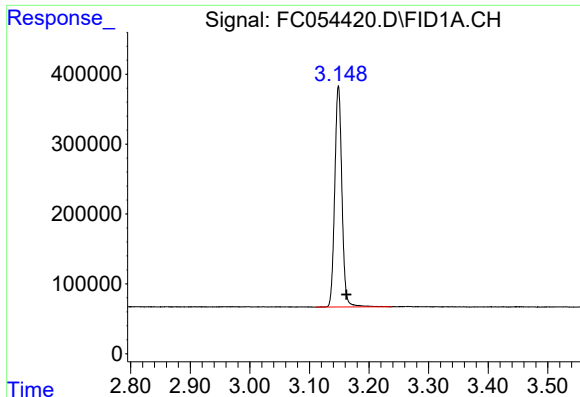
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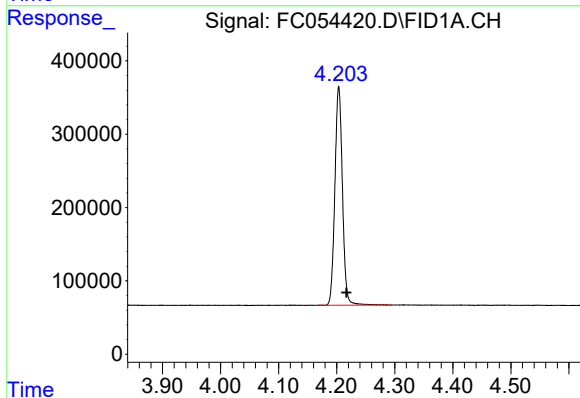




#1 n-Nonane (C9)

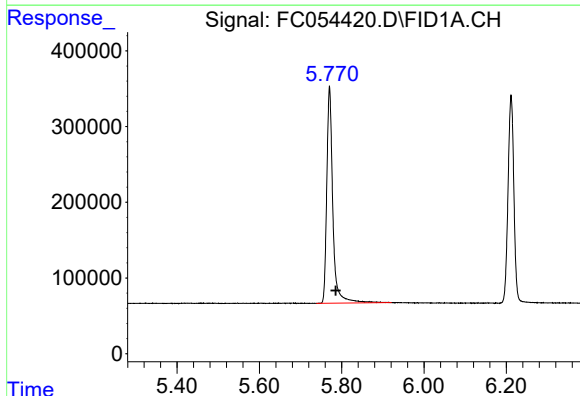
R.T.: 3.149 min
Delta R.T.: -0.013 min
Response: 2657512
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :



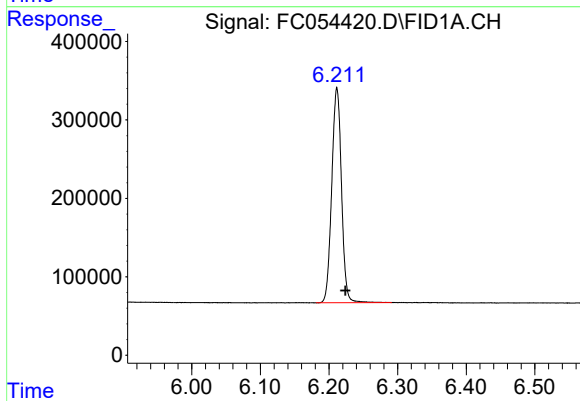
#2 n-Decane (C10)

R.T.: 4.204 min
Delta R.T.: -0.013 min
Response: 2699718
Conc: 21.06 ug/ml



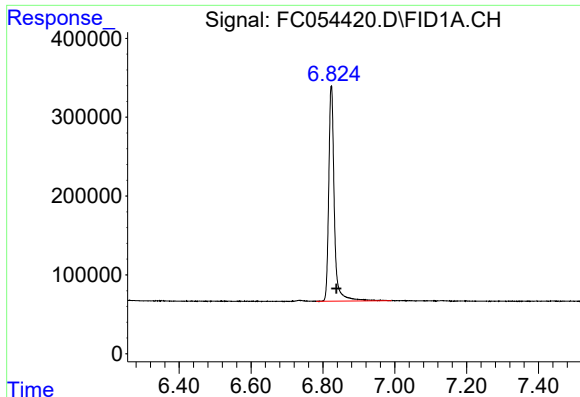
#3 A~Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.015 min
Response: 2926786
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

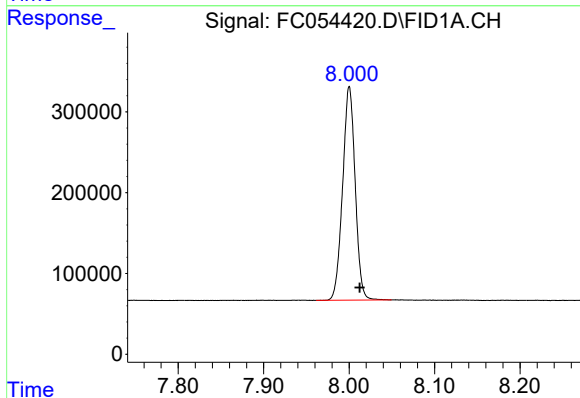
R.T.: 6.212 min
Delta R.T.: -0.012 min
Response: 2705751
Conc: 20.63 ug/ml



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

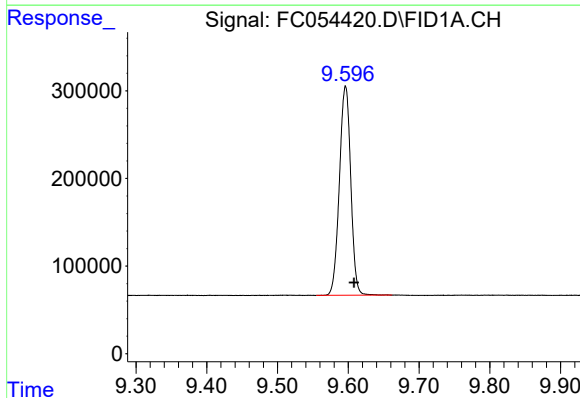
R.T.: 6.824 min
Delta R.T.: -0.014 min
Response: 2936752
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :



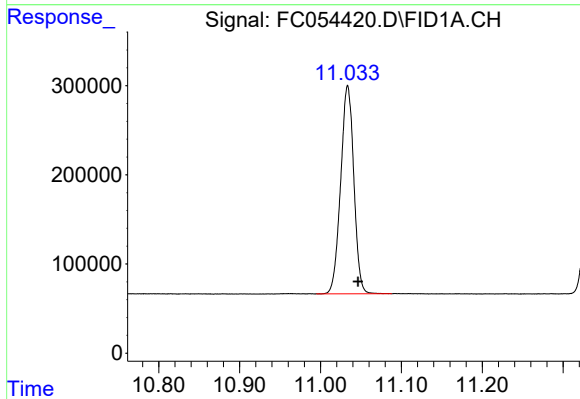
#6 n-Tetradecane (C14)

R.T.: 8.000 min
Delta R.T.: -0.012 min
Response: 2700816
Conc: 20.37 ug/ml



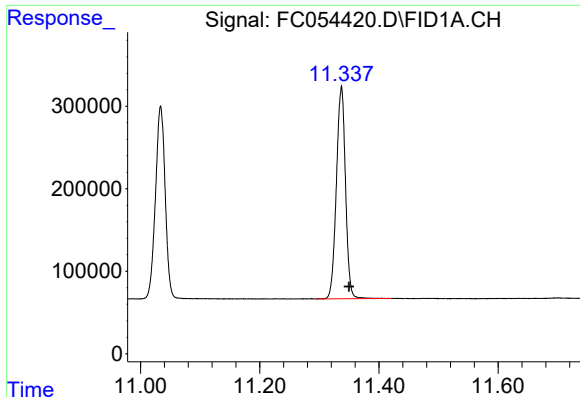
#7 n-Hexadecane (C16)

R.T.: 9.596 min
Delta R.T.: -0.012 min
Response: 2662260
Conc: 19.68 ug/ml



#8 n-Octadecane (C18)

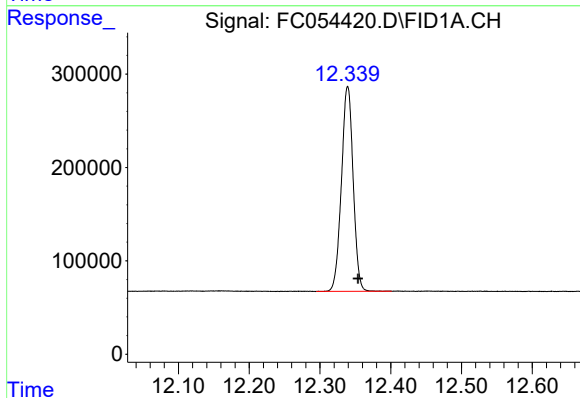
R.T.: 11.034 min
Delta R.T.: -0.013 min
Response: 2638021
Conc: 18.90 ug/ml



#9 ortho-Terphenyl (SURR)

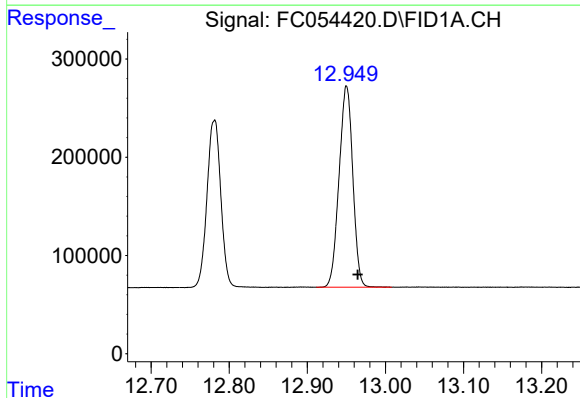
R.T.: 11.337 min
Delta R.T.: -0.013 min
Response: 2736651
Conc: 18.02 ug/ml

Instrument :
FID_C
ClientSampleId :



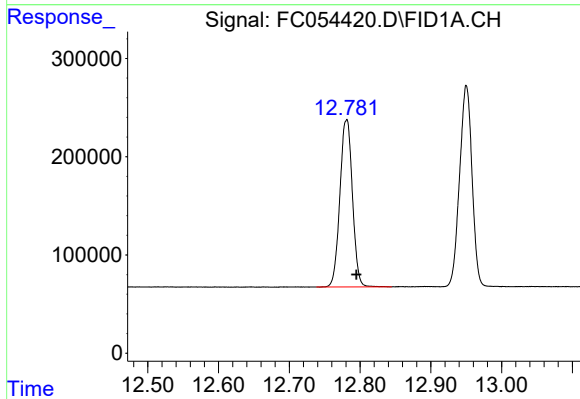
#10 n-Eicosane (C20)

R.T.: 12.339 min
Delta R.T.: -0.015 min
Response: 2524260
Conc: 18.18 ug/ml



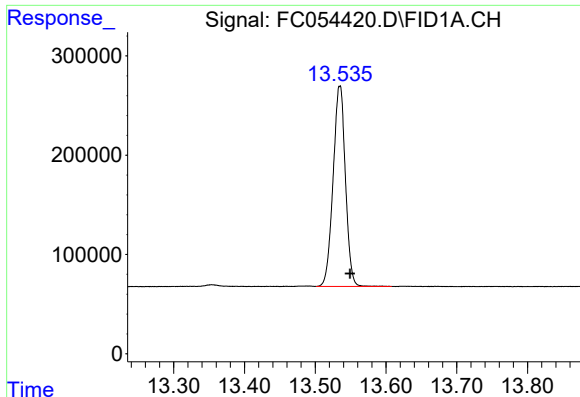
#11 n-Heneicosane (C21)

R.T.: 12.950 min
Delta R.T.: -0.014 min
Response: 2504467
Conc: 17.93 ug/ml



#12 1-chlorooctadecane (SURR)

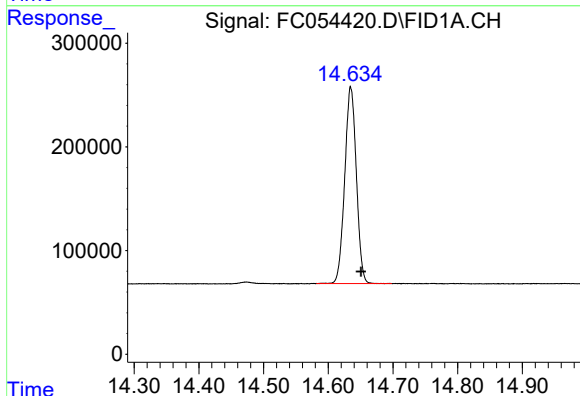
R.T.: 12.781 min
Delta R.T.: -0.014 min
Response: 2093449
Conc: 17.77 ug/ml



#13 n-Docosane (C22)

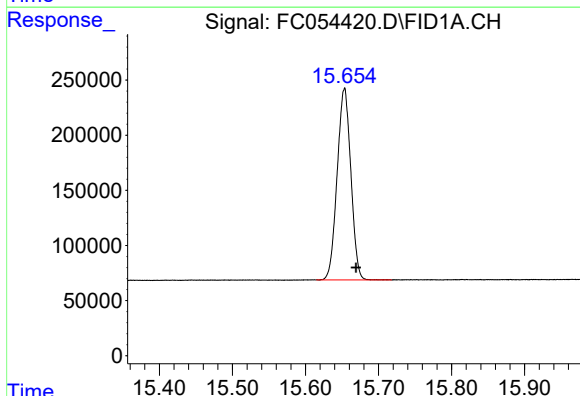
R.T.: 13.535 min
Delta R.T.: -0.015 min
Response: 2441083
Conc: 17.64 ug/ml

Instrument :
FID_C
ClientSampleId :



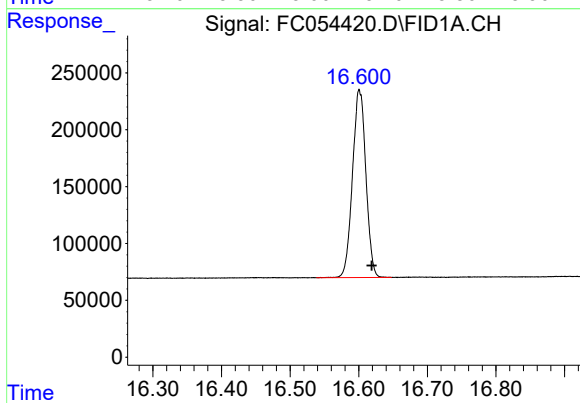
#14 n-Tetracosane (C24)

R.T.: 14.635 min
Delta R.T.: -0.016 min
Response: 2366223
Conc: 17.18 ug/ml



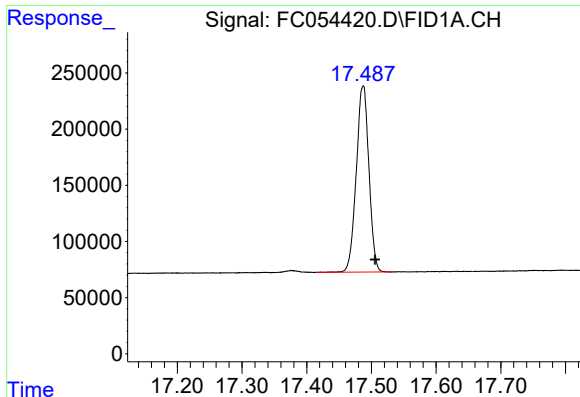
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: -0.016 min
Response: 2258322
Conc: 16.77 ug/ml



#16 n-Octacosane (C28)

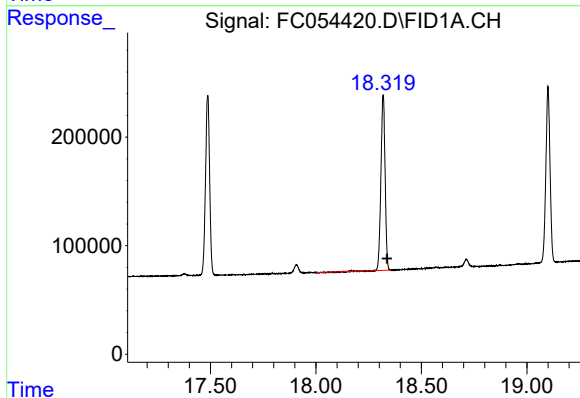
R.T.: 16.601 min
Delta R.T.: -0.018 min
Response: 2236984
Conc: 16.88 ug/ml



#17 n-Tricontane (C30)

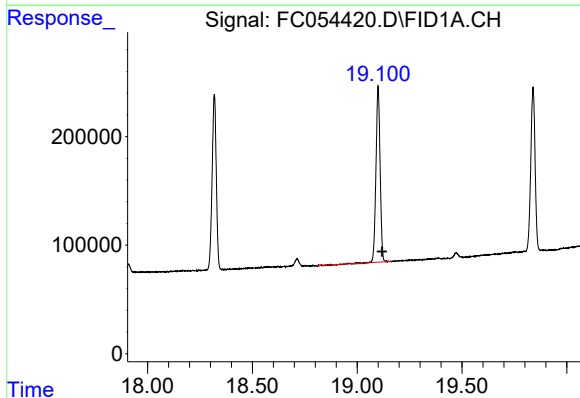
R.T.: 17.487 min
Delta R.T.: -0.019 min
Response: 2253518
Conc: 17.53 ug/ml

Instrument :
FID_C
ClientSampleId :



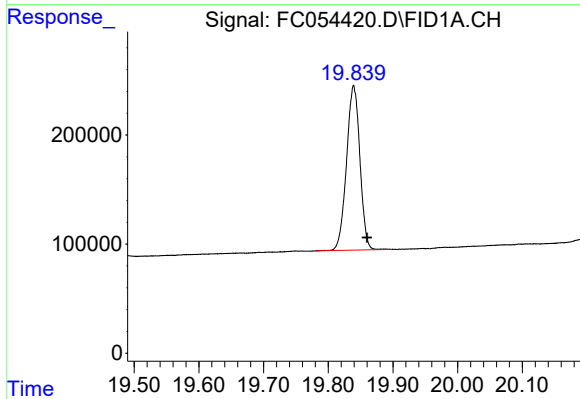
#18 n-Dotriacontane (C32)

R.T.: 18.319 min
Delta R.T.: -0.019 min
Response: 2209749
Conc: 17.96 ug/ml



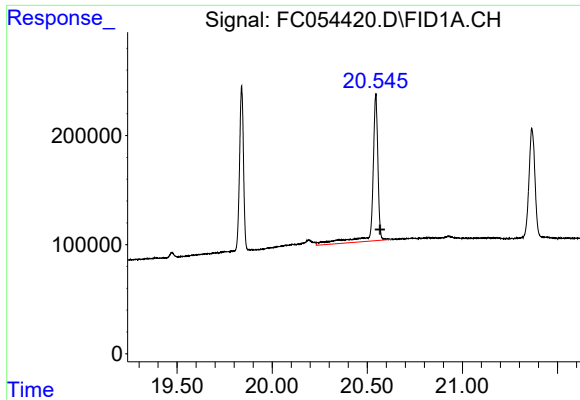
#19 n-Tetratriacontane (C34)

R.T.: 19.100 min
Delta R.T.: -0.020 min
Response: 2235920
Conc: 19.11 ug/ml



#20 n-Hexatriacontane (C36)

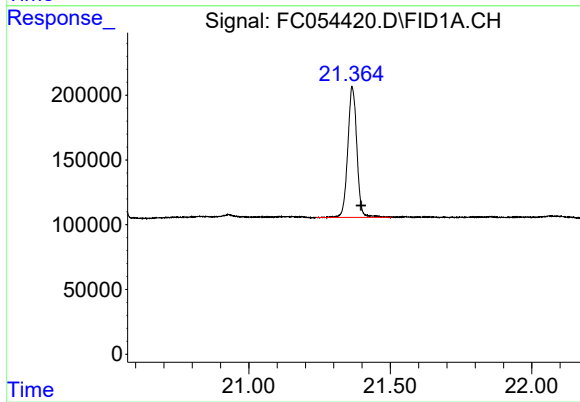
R.T.: 19.839 min
Delta R.T.: -0.021 min
Response: 2165174
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: -0.023 min
Response: 2670342
Conc: 26.12 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.365 min
Delta R.T.: -0.031 min
Response: 2263255
Conc: 21.15 ug/ml