

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052822AL\
 Data File : FCCC05.D
 Signal(s) : FID1A.CH
 Acq On : 29 May 2022 9:08
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 30 01:33:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.650	3288248	21.130 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
12) S 1-chlorooctadecane (S...	12.020	2617805	21.113 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
Target Compounds			
1) T n-Nonane (C9)	2.625	2781324	21.731 ug/ml
2) T n-Decane (C10)	3.625	2770179	21.654 ug/ml
3) T A~Naphthalene (C11.7)	5.162	3173918	21.959 ug/ml
4) T n-Dodecane (C12)	5.579	2898932	21.747 ug/ml
5) T A~2-methylnaphthalene...	6.187	3257481	22.195 ug/ml
6) T n-Tetradecane (C14)	7.332	2965245	21.721 ug/ml
7) T n-Hexadecane (C16)	8.896	3028423	21.584 ug/ml
8) T n-Octadecane (C18)	10.305	3067394	21.434 ug/ml
10) T n-Eicosane (C20)	11.585	3029266	21.233 ug/ml
11) T n-Heneicosane (C21)	12.184	3013509	21.024 ug/ml
13) T n-Docosane (C22)	12.757	2987977	20.969 ug/ml
14) T n-Tetracosane (C24)	13.835	2900641	20.670 ug/ml
15) T n-Hexacosane (C26)	14.833	2762384	20.399 ug/ml
16) T n-Octacosane (C28)	15.761	2649124	20.341 ug/ml
17) T n-Tricontane (C30)	16.628	2499421	20.416 ug/ml
18) T n-Dotriacontane (C32)	17.441	2312037	20.737 ug/ml
19) T n-Tetratriacontane (C34)	18.208	2152046	21.100 ug/ml
20) T n-Hexatriacontane (C36)	18.930	2037651	21.517 ug/ml
21) T n-Octatriacontane (C38)	19.613	1949561	21.131 ug/ml
22) T n-Tetracontane (C40)	20.263	2140343	22.749 ug/ml

(f)=RT Delta > 1/2 Window

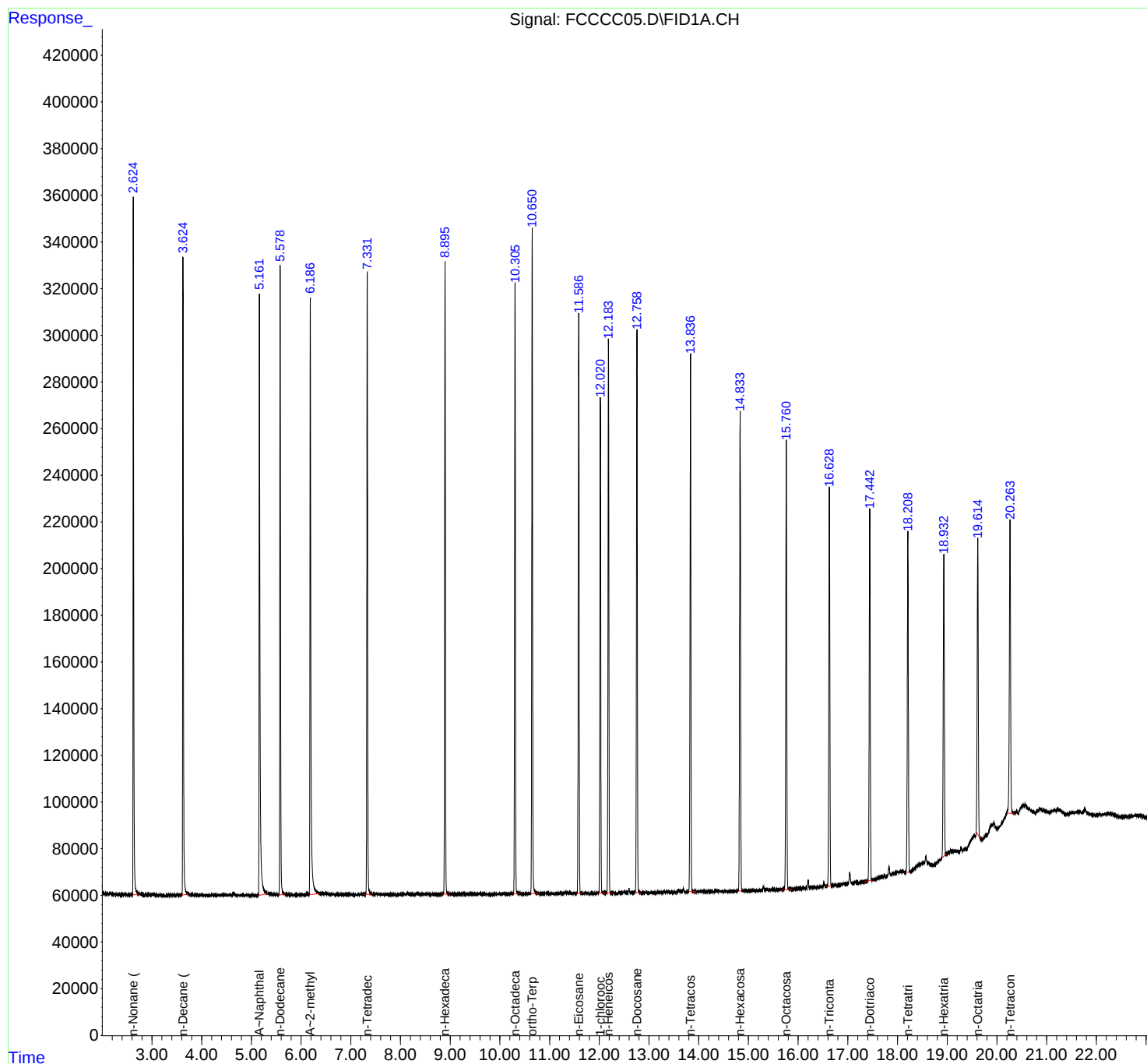
(m)=manual int.

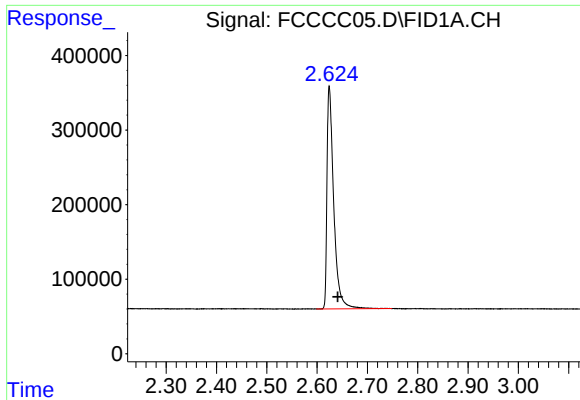
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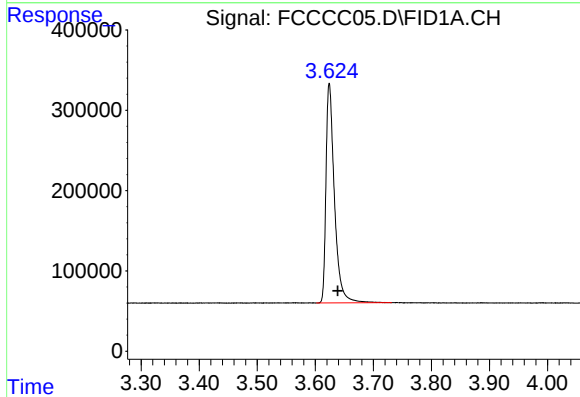




#1 n-Nonane (C9)

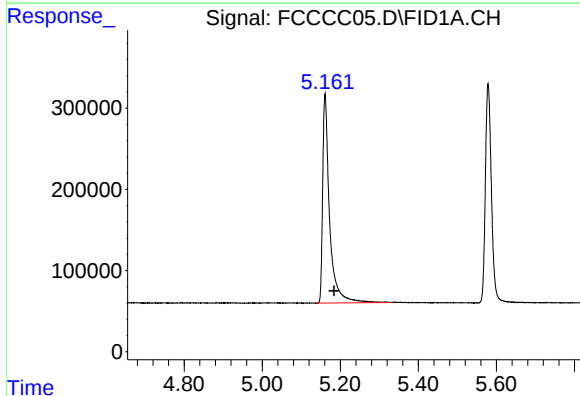
R.T.: 2.625 min
Delta R.T.: -0.016 min
Response: 2781324
Conc: 21.73 ug/ml

Instrument :
FID_C
ClientSampleId :



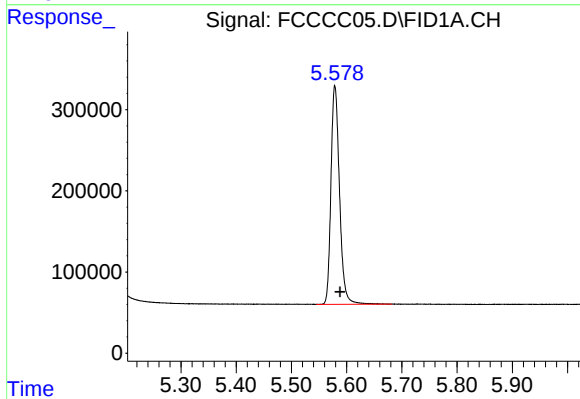
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 2770179
Conc: 21.65 ug/ml



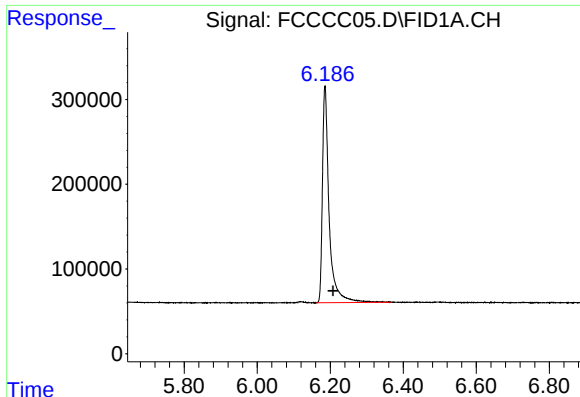
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 3173918
Conc: 21.96 ug/ml



#4 n-Dodecane (C12)

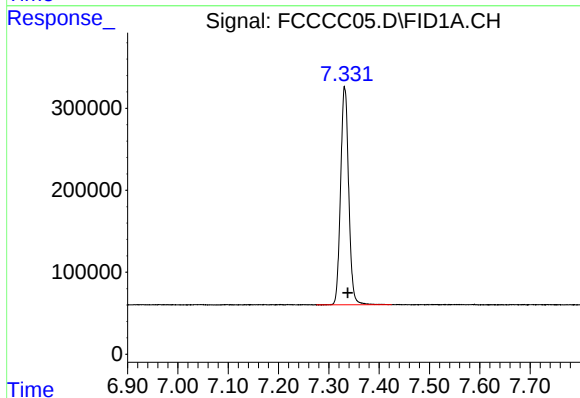
R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 2898932
Conc: 21.75 ug/ml



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

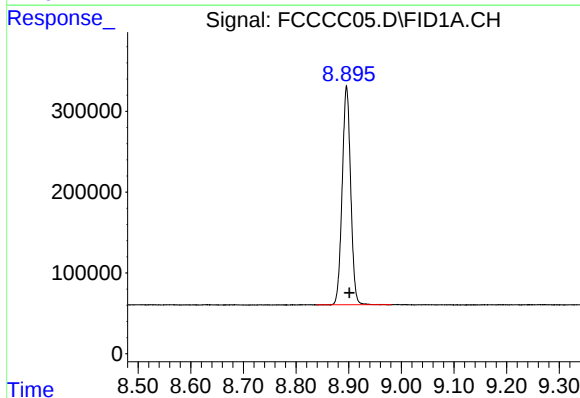
R.T.: 6.187 min
Delta R.T.: -0.022 min
Response: 3257481
Conc: 22.19 ug/ml

Instrument :
FID_C
ClientSampleId :



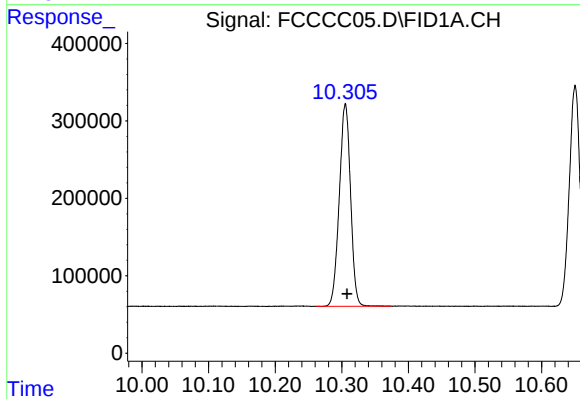
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 2965245
Conc: 21.72 ug/ml



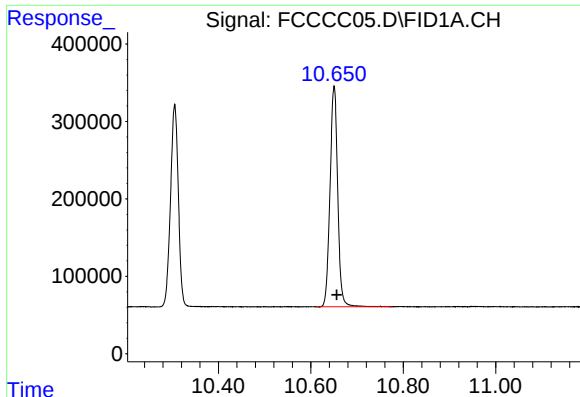
#7 n-Hexadecane (C16)

R.T.: 8.896 min
Delta R.T.: -0.005 min
Response: 3028423
Conc: 21.58 ug/ml



#8 n-Octadecane (C18)

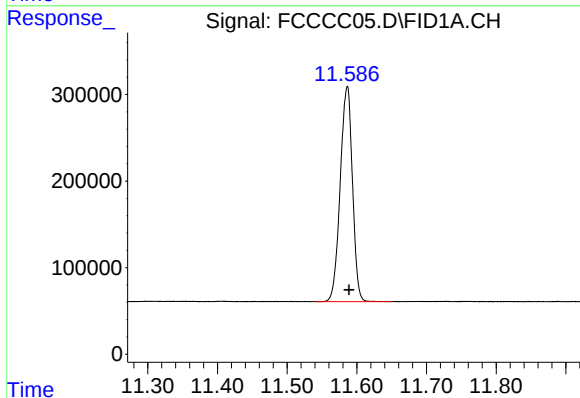
R.T.: 10.305 min
Delta R.T.: -0.003 min
Response: 3067394
Conc: 21.43 ug/ml



#9 ortho-Terphenyl (SURR)

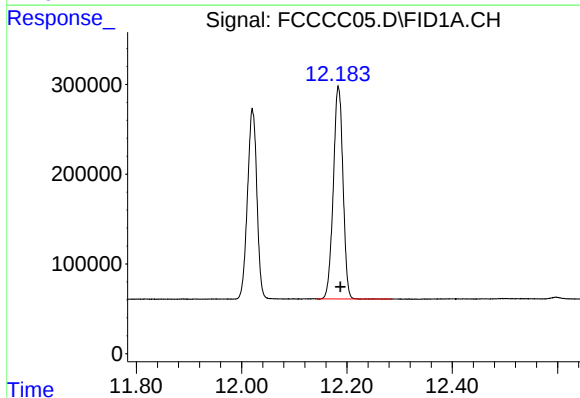
R.T.: 10.650 min
Delta R.T.: -0.006 min
Response: 3288248
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :



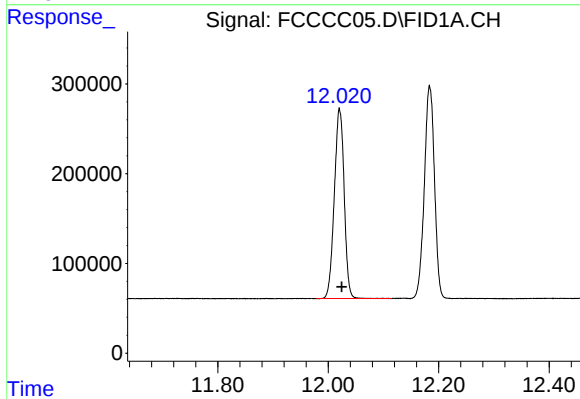
#10 n-Eicosane (C20)

R.T.: 11.585 min
Delta R.T.: -0.003 min
Response: 3029266
Conc: 21.23 ug/ml



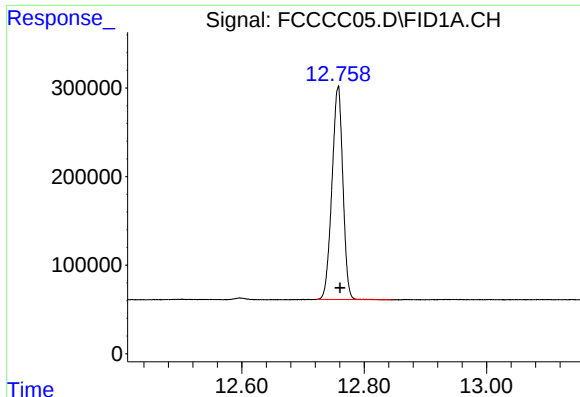
#11 n-Heneicosane (C21)

R.T.: 12.184 min
Delta R.T.: -0.004 min
Response: 3013509
Conc: 21.02 ug/ml



#12 1-chlorooctadecane (SURR)

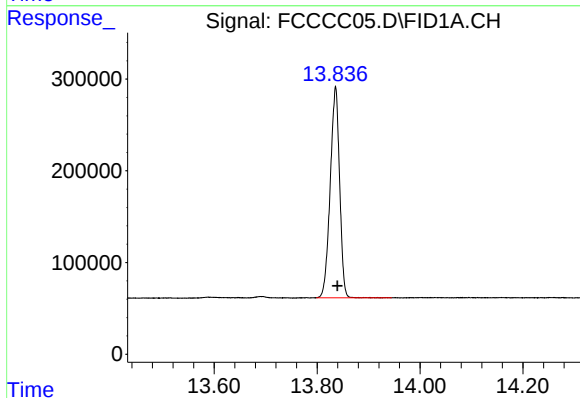
R.T.: 12.020 min
Delta R.T.: -0.004 min
Response: 2617805
Conc: 21.11 ug/ml



#13 n-Docosane (C22)

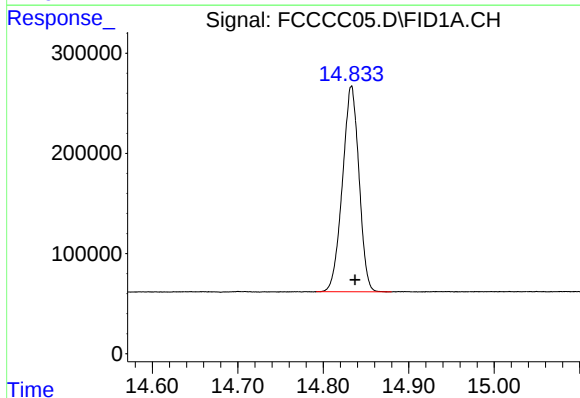
R.T.: 12.757 min
Delta R.T.: -0.004 min
Response: 2987977
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :



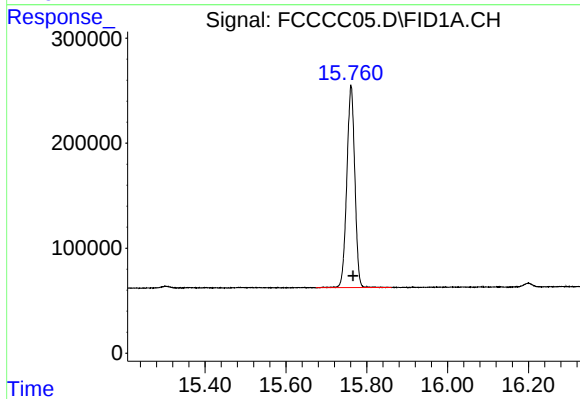
#14 n-Tetracosane (C24)

R.T.: 13.835 min
Delta R.T.: -0.004 min
Response: 2900641
Conc: 20.67 ug/ml



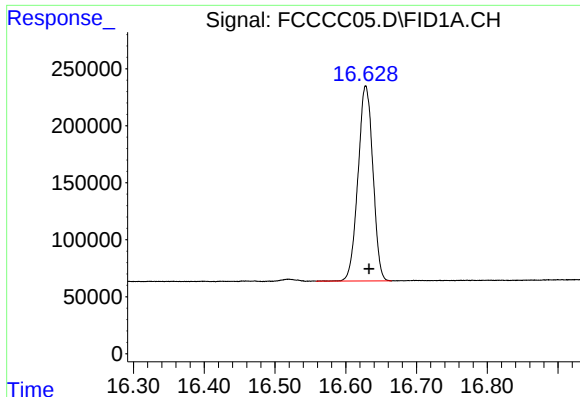
#15 n-Hexacosane (C26)

R.T.: 14.833 min
Delta R.T.: -0.005 min
Response: 2762384
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

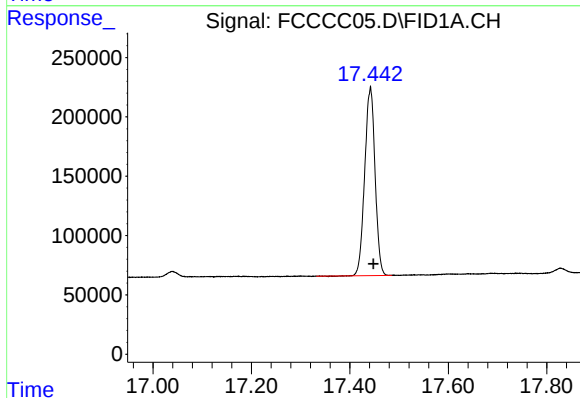
R.T.: 15.761 min
Delta R.T.: -0.005 min
Response: 2649124
Conc: 20.34 ug/ml



#17 n-Tricontane (C30)

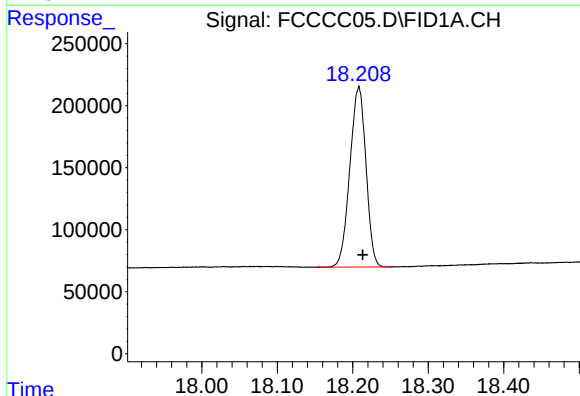
R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 2499421
Conc: 20.42 ug/ml

Instrument :
FID_C
ClientSampleId :



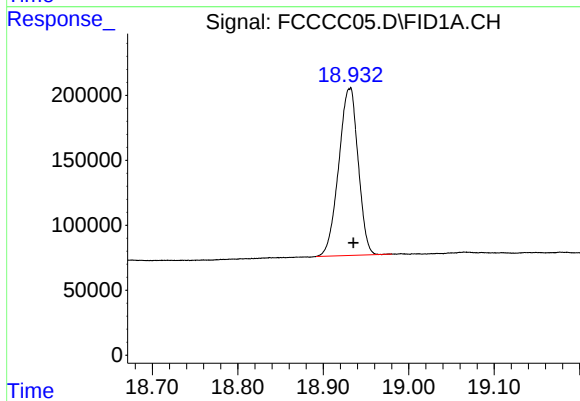
#18 n-Dotriacontane (C32)

R.T.: 17.441 min
Delta R.T.: -0.006 min
Response: 2312037
Conc: 20.74 ug/ml



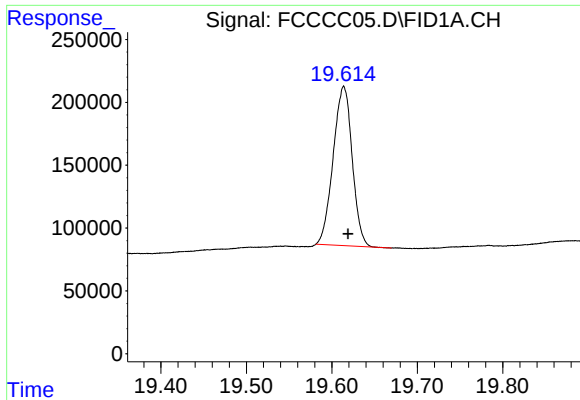
#19 n-Tetratriacontane (C34)

R.T.: 18.208 min
Delta R.T.: -0.006 min
Response: 2152046
Conc: 21.10 ug/ml



#20 n-Hexatriacontane (C36)

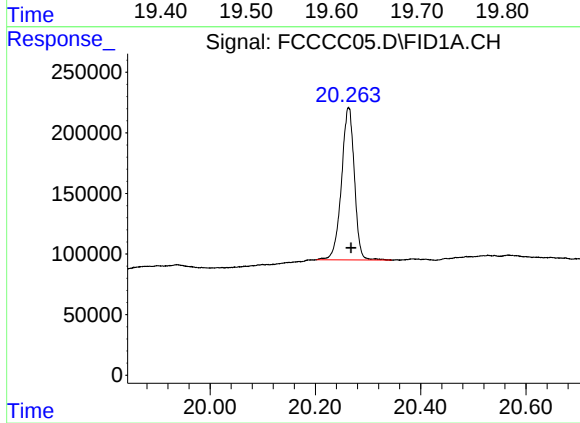
R.T.: 18.930 min
Delta R.T.: -0.005 min
Response: 2037651
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.613 min
Delta R.T.: -0.006 min
Response: 1949561
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.005 min
Response: 2140343
Conc: 22.75 ug/ml