

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FCCC06.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2022 12:53
 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: Jun 20 01:05:48 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)	10.660	2641817	16.976 ug/ml
Spiked Amount 50.000		Recovery =	33.95%
12) S 1-chlorooctadecane (S...	12.032	2077950	16.759 ug/ml
Spiked Amount 50.000		Recovery =	33.52%
Target Compounds			
1) T n-Nonane (C9)	2.621	2433904	19.017 ug/ml
2) T n-Decane (C10)	3.626	2593576	20.273 ug/ml
3) T A~Naphthalene (C11.7)	5.171	2704565	18.712 ug/ml
4) T n-Dodecane (C12)	5.582	2550480	19.133 ug/ml
5) T A~2-methylnaphthalene...	6.197	2750336	18.739 ug/ml
6) T n-Tetradecane (C14)	7.337	2563092	18.775 ug/ml
7) T n-Hexadecane (C16)	8.903	2592986	18.481 ug/ml
8) T n-Octadecane (C18)	10.315	2575387	17.996 ug/ml
10) T n-Eicosane (C20)	11.596	2537994	17.789 ug/ml
11) T n-Heneicosane (C21)	12.195	2444736	17.056 ug/ml
13) T n-Docosane (C22)	12.769	2948269	20.690 ug/ml
14) T n-Tetracosane (C24)	13.849	3076760	21.925 ug/ml
15) T n-Hexacosane (C26)	14.851	3152465	23.280 ug/ml
16) T n-Octacosane (C28)	15.781	3473838	26.673 ug/ml
17) T n-Tricontane (C30)	16.649	3643140	29.758 ug/ml
18) T n-Dotriacontane (C32)	17.464	3435799	30.816 ug/ml
19) T n-Tetratriacontane (C34)	18.231	2901315	28.446 ug/ml
20) T n-Hexatriacontane (C36)	18.954	2156979	22.777 ug/ml
21) T n-Octatriacontane (C38)	19.637	2063164	22.362 ug/ml
22) T n-Tetracontane (C40)	20.287	1524339	16.202 ug/ml

(f)=RT Delta > 1/2 Window

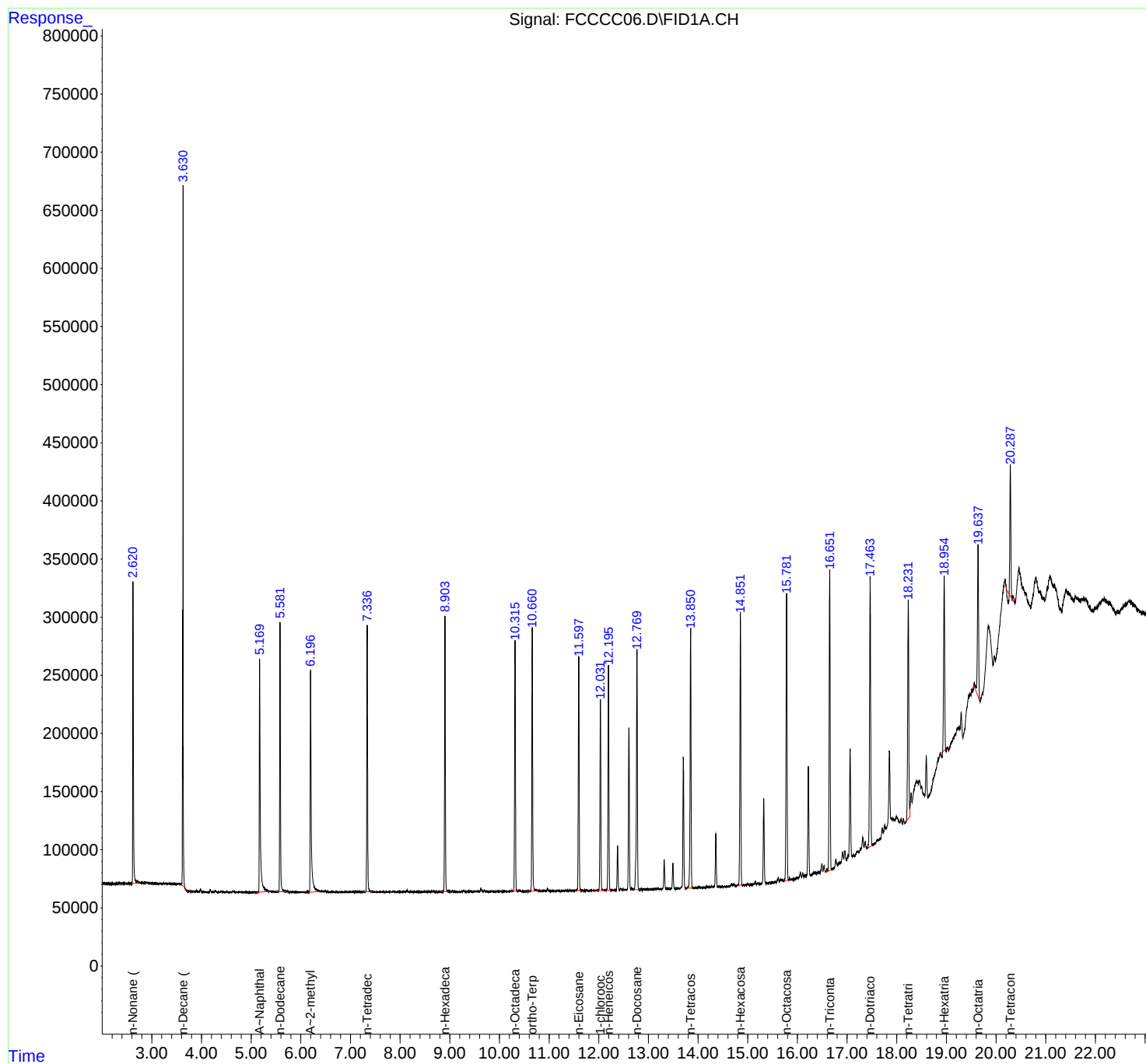
(m)=manual int.

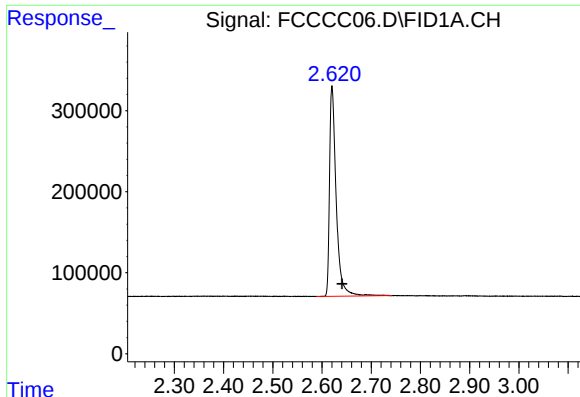
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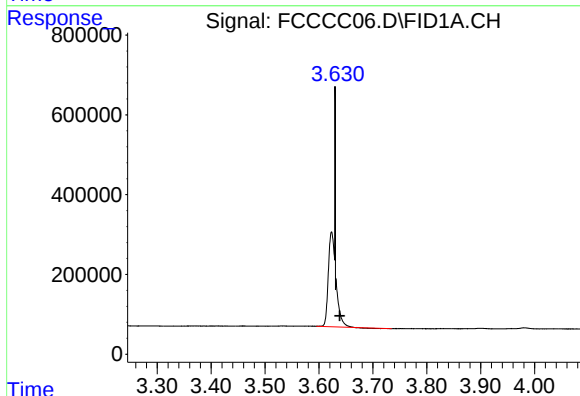




#1 n-Nonane (C9)

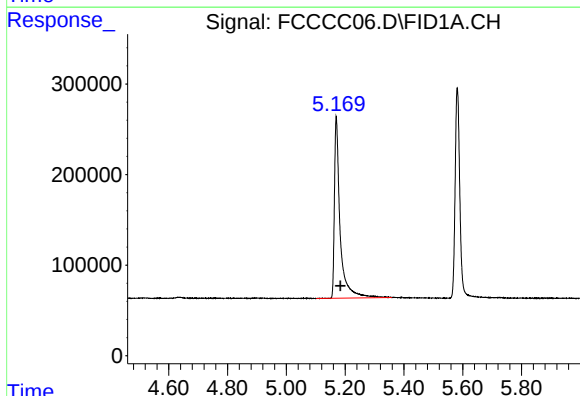
R.T.: 2.621 min
Delta R.T.: -0.020 min
Response: 2433904
Conc: 19.02 ug/ml

Instrument :
FID_C
ClientSampleId :



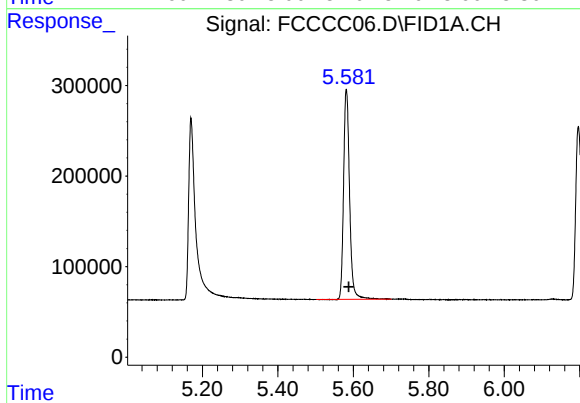
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.012 min
Response: 2593576
Conc: 20.27 ug/ml



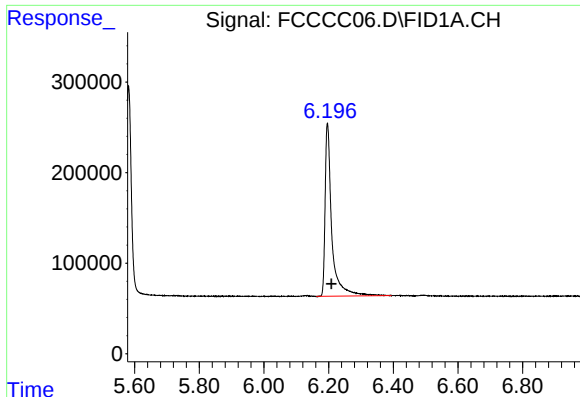
#3 A~Naphthalene (C11.7)

R.T.: 5.171 min
Delta R.T.: -0.013 min
Response: 2704565
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

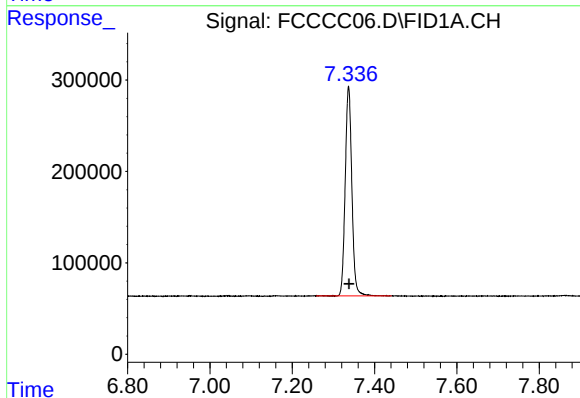
R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 2550480
Conc: 19.13 ug/ml



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

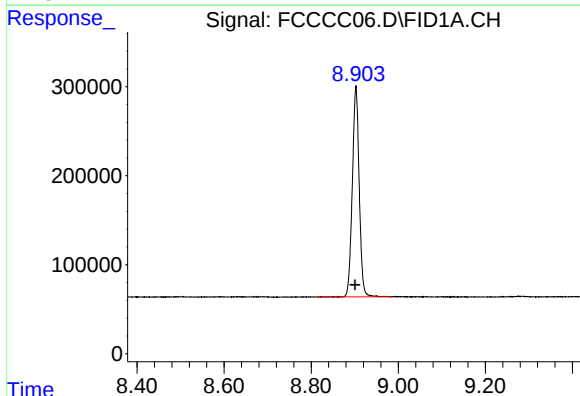
R.T.: 6.197 min
Delta R.T.: -0.012 min
Response: 2750336
Conc: 18.74 ug/ml

Instrument :
FID_C
ClientSampleId :



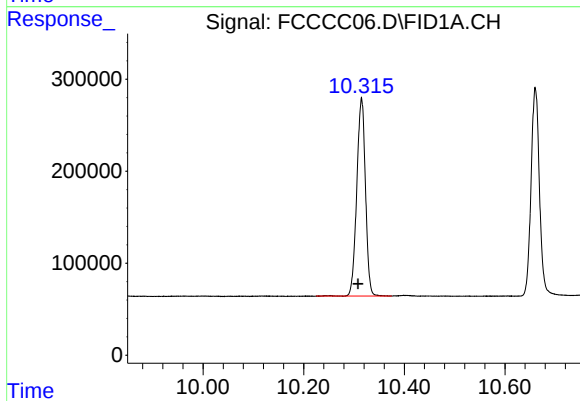
#6 n-Tetradecane (C14)

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 2563092
Conc: 18.78 ug/ml



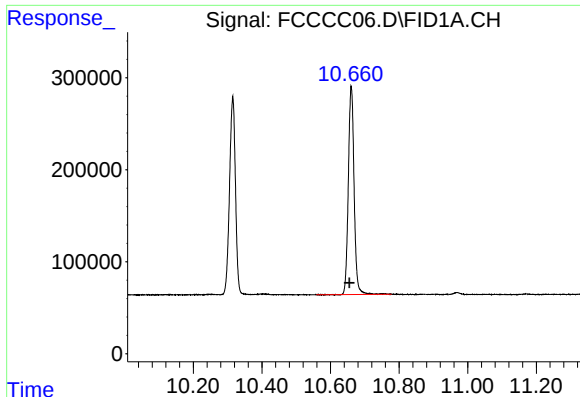
#7 n-Hexadecane (C16)

R.T.: 8.903 min
Delta R.T.: 0.001 min
Response: 2592986
Conc: 18.48 ug/ml



#8 n-Octadecane (C18)

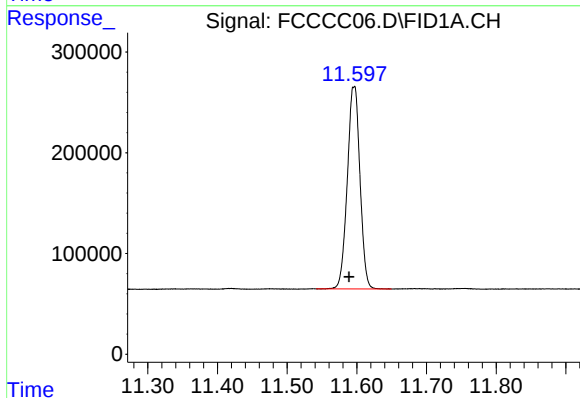
R.T.: 10.315 min
Delta R.T.: 0.006 min
Response: 2575387
Conc: 18.00 ug/ml



#9 ortho-Terphenyl (SURR)

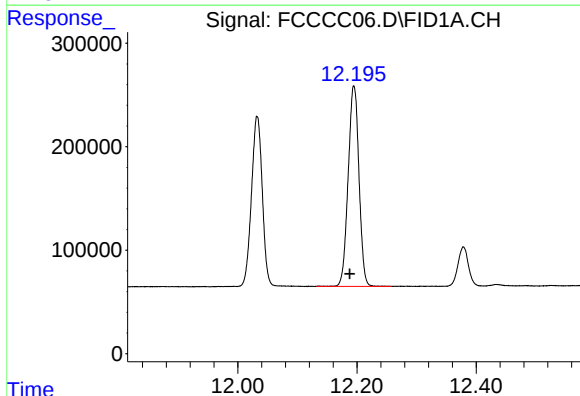
R.T.: 10.660 min
Delta R.T.: 0.005 min
Response: 2641817
Conc: 16.98 ug/ml

Instrument :
FID_C
ClientSampleId :



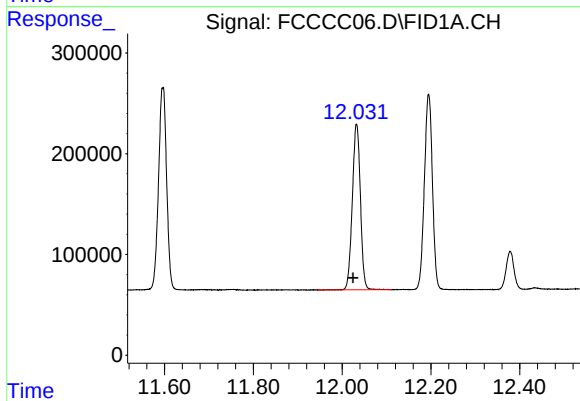
#10 n-Eicosane (C20)

R.T.: 11.596 min
Delta R.T.: 0.007 min
Response: 2537994
Conc: 17.79 ug/ml



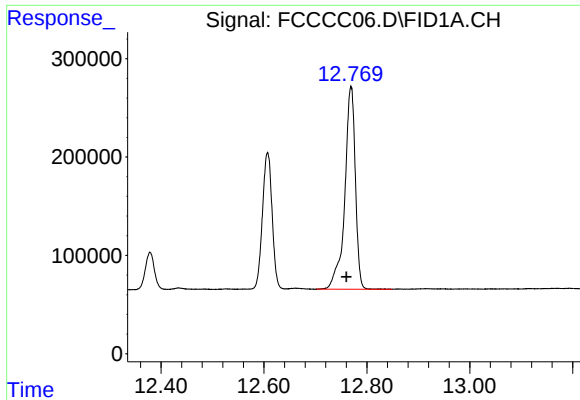
#11 n-Heneicosane (C21)

R.T.: 12.195 min
Delta R.T.: 0.007 min
Response: 2444736
Conc: 17.06 ug/ml



#12 1-chlorooctadecane (SURR)

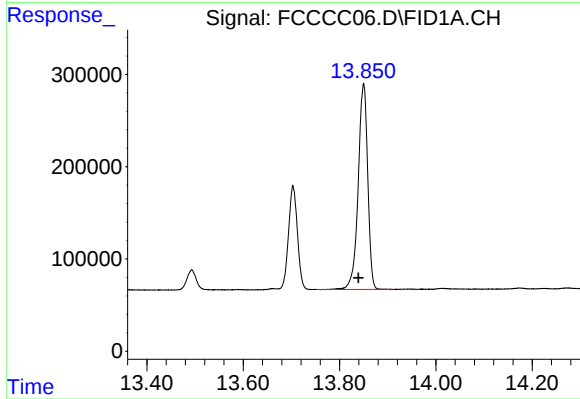
R.T.: 12.032 min
Delta R.T.: 0.008 min
Response: 2077950
Conc: 16.76 ug/ml



#13 n-Docosane (C22)

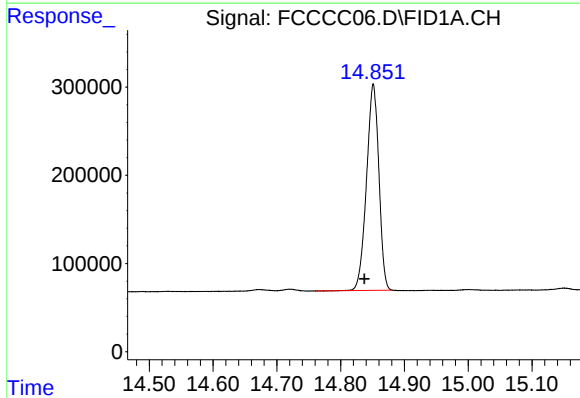
R.T.: 12.769 min
Delta R.T.: 0.008 min
Response: 2948269
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :



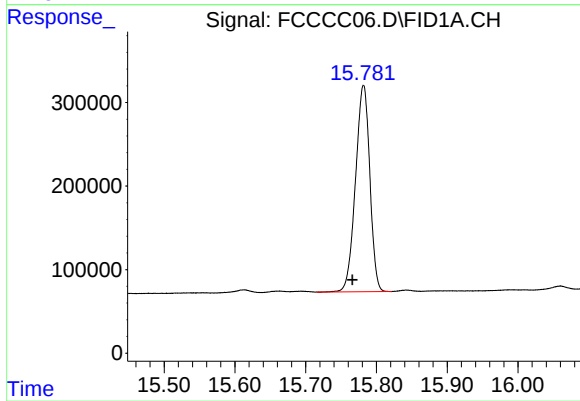
#14 n-Tetracosane (C24)

R.T.: 13.849 min
Delta R.T.: 0.010 min
Response: 3076760
Conc: 21.93 ug/ml



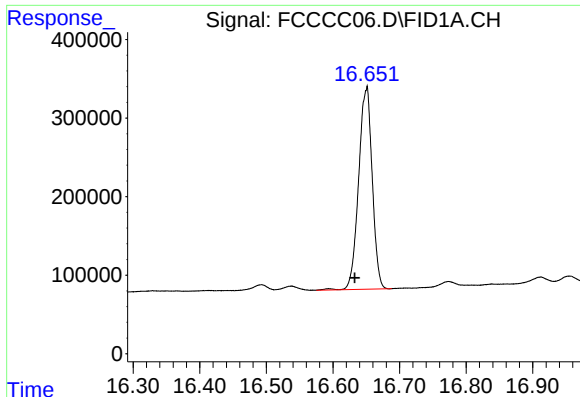
#15 n-Hexacosane (C26)

R.T.: 14.851 min
Delta R.T.: 0.014 min
Response: 3152465
Conc: 23.28 ug/ml



#16 n-Octacosane (C28)

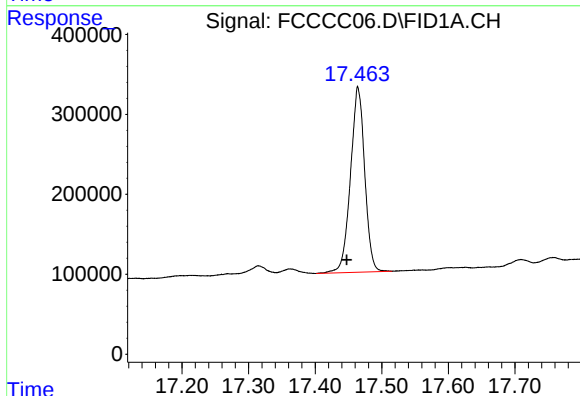
R.T.: 15.781 min
Delta R.T.: 0.015 min
Response: 3473838
Conc: 26.67 ug/ml



#17 n-Tricontane (C30)

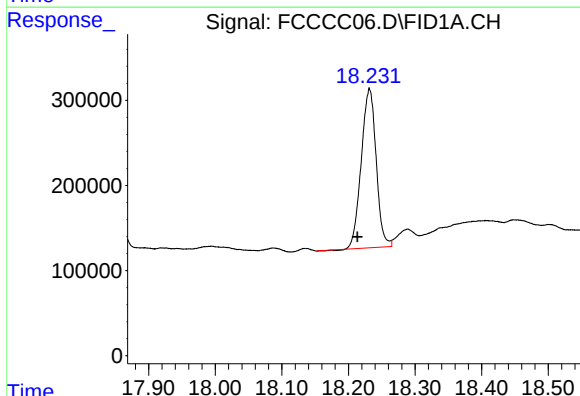
R.T.: 16.649 min
Delta R.T.: 0.016 min
Response: 3643140
Conc: 29.76 ug/ml

Instrument :
FID_C
ClientSampleId :



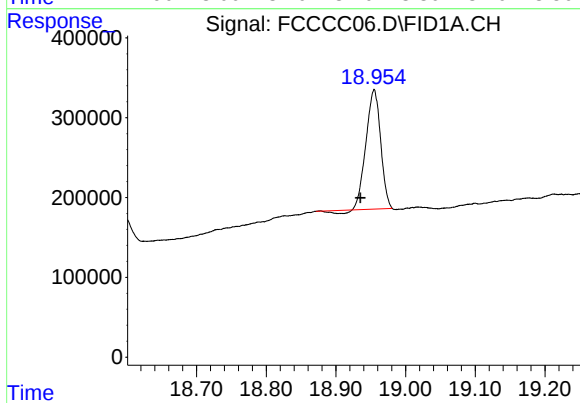
#18 n-Dotriacontane (C32)

R.T.: 17.464 min
Delta R.T.: 0.017 min
Response: 3435799
Conc: 30.82 ug/ml



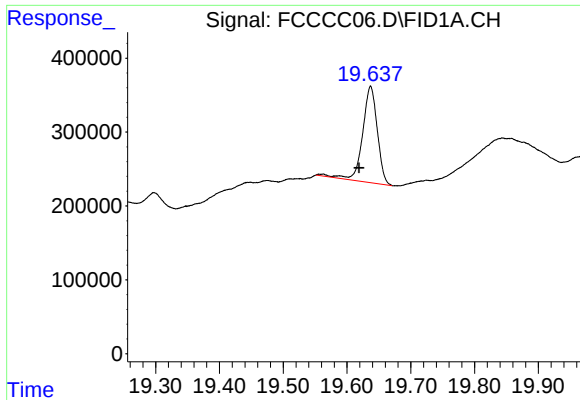
#19 n-Tetratriacontane (C34)

R.T.: 18.231 min
Delta R.T.: 0.018 min
Response: 2901315
Conc: 28.45 ug/ml



#20 n-Hexatriacontane (C36)

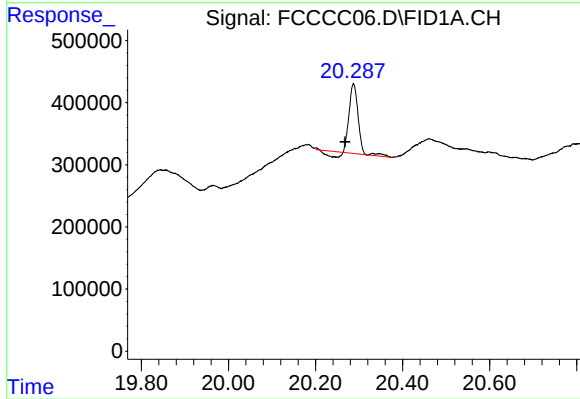
R.T.: 18.954 min
Delta R.T.: 0.019 min
Response: 2156979
Conc: 22.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.637 min
Delta R.T.: 0.018 min
Response: 2063164
Conc: 22.36 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.287 min
Delta R.T.: 0.019 min
Response: 1524339
Conc: 16.20 ug/ml