

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FCCC05AL.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2022 6:35
 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 01:05:33 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)	10.658	2629667	16.898 ug/ml
Spiked Amount 50.000		Recovery =	33.80%
12) S 1-chlorooctadecane (S...	12.029	2074500	16.731 ug/ml
Spiked Amount 50.000		Recovery =	33.46%
Target Compounds			
1) T n-Nonane (C9)	2.622	2412556	18.850 ug/ml
2) T n-Decane (C10)	3.623	2411691	18.851 ug/ml
3) T A~Naphthalene (C11.7)	5.168	2673396	18.496 ug/ml
4) T n-Dodecane (C12)	5.580	2505759	18.797 ug/ml
5) T A~2-methylnaphthalene...	6.194	2684149	18.288 ug/ml
6) T n-Tetradecane (C14)	7.334	2536991	18.584 ug/ml
7) T n-Hexadecane (C16)	8.900	2564525	18.278 ug/ml
8) T n-Octadecane (C18)	10.311	2561888	17.902 ug/ml
10) T n-Eicosane (C20)	11.592	2526565	17.709 ug/ml
11) T n-Heneicosane (C21)	12.191	2436610	16.999 ug/ml
13) T n-Docosane (C22)	12.766	2922620	20.510 ug/ml
14) T n-Tetracosane (C24)	13.846	3027735	21.576 ug/ml
15) T n-Hexacosane (C26)	14.847	3083162	22.768 ug/ml
16) T n-Octacosane (C28)	15.777	3361598	25.812 ug/ml
17) T n-Tricontane (C30)	16.645	3528942	28.825 ug/ml
18) T n-Dotriacontane (C32)	17.459	3403273	30.524 ug/ml
19) T n-Tetratriacontane (C34)	18.226	2910149	28.532 ug/ml
20) T n-Hexatriacontane (C36)	18.949	2091993	22.091 ug/ml
21) T n-Octatriacontane (C38)	19.632	2133523	23.125 ug/ml
22) T n-Tetracontane (C40)	20.282	1459063	15.508 ug/ml

(f)=RT Delta > 1/2 Window

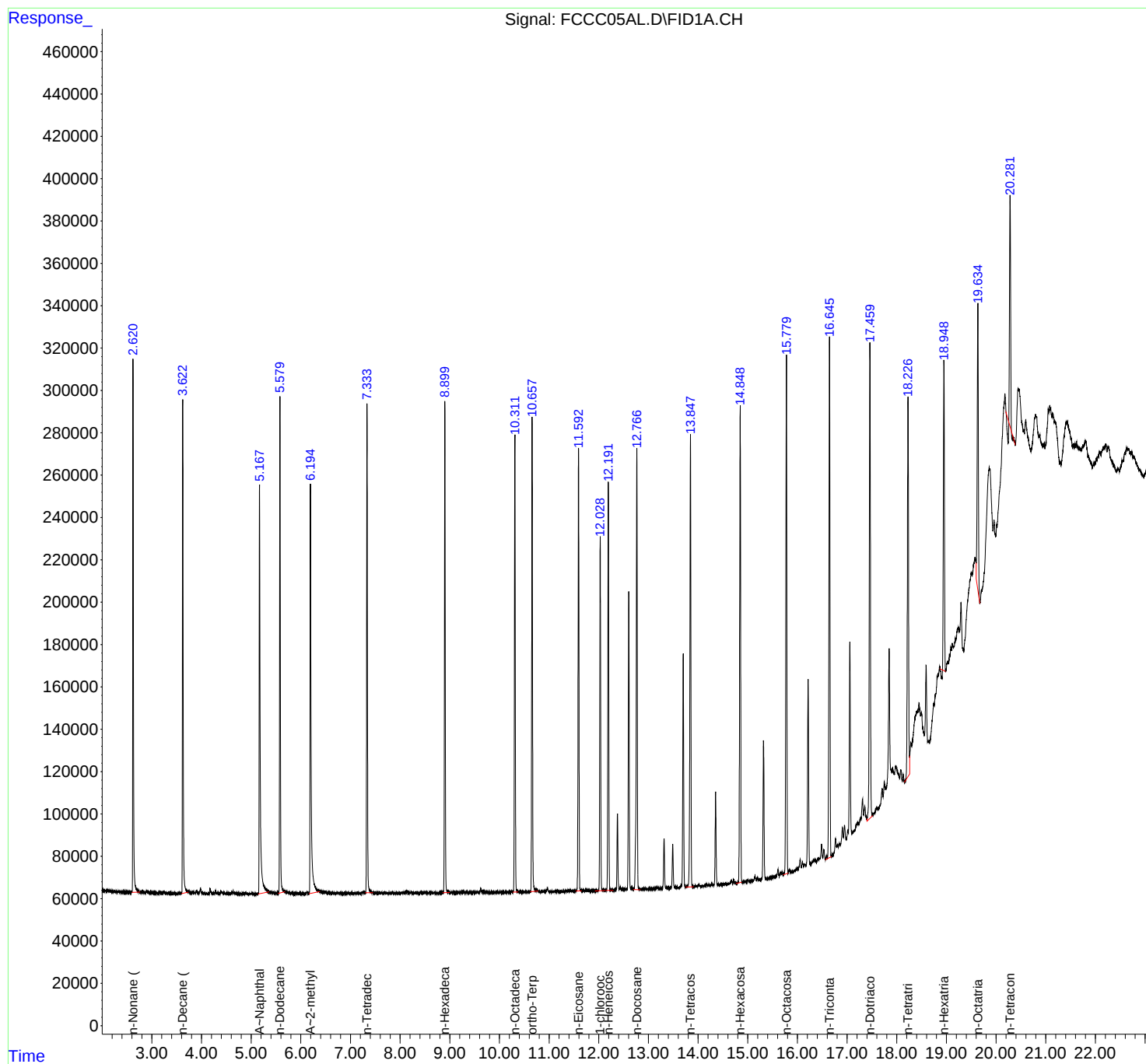
(m)=manual int.

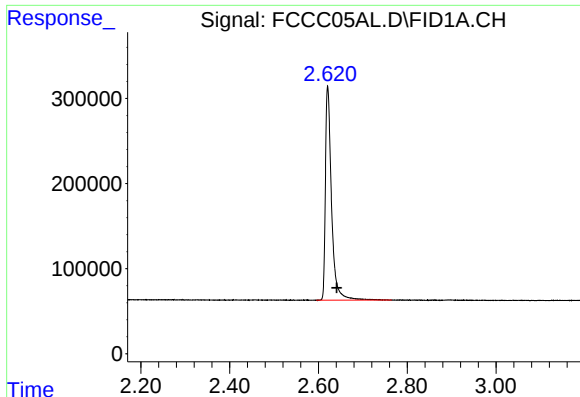
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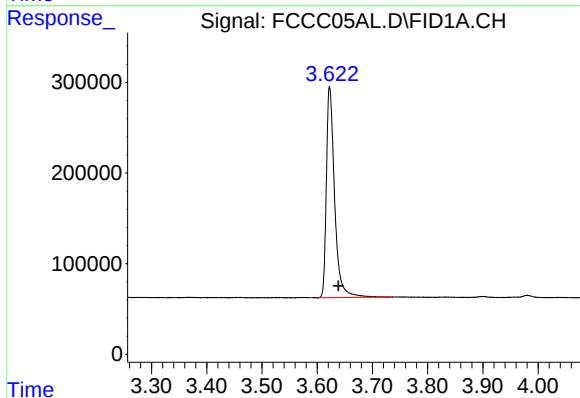




#1 n-Nonane (C9)

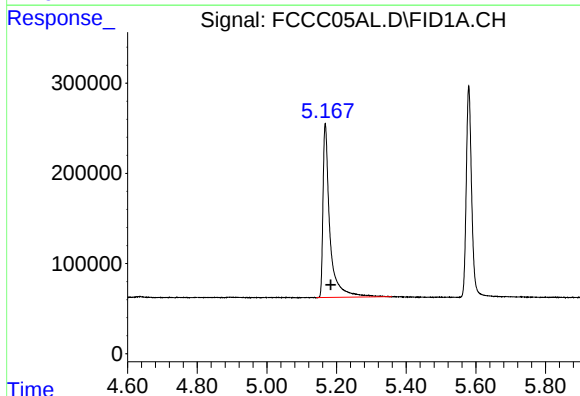
R.T.: 2.622 min
Delta R.T.: -0.019 min
Response: 2412556
Conc: 18.85 ug/ml

Instrument :
FID_C
ClientSampleId :



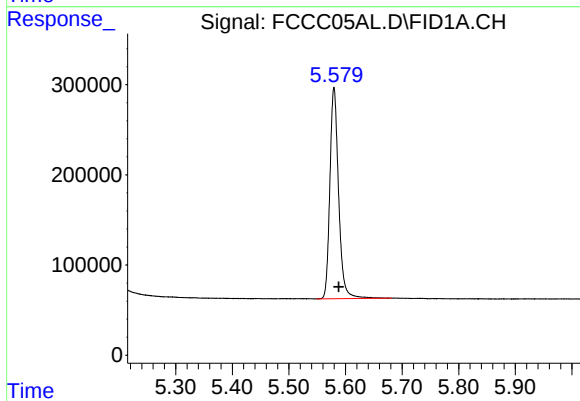
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.016 min
Response: 2411691
Conc: 18.85 ug/ml



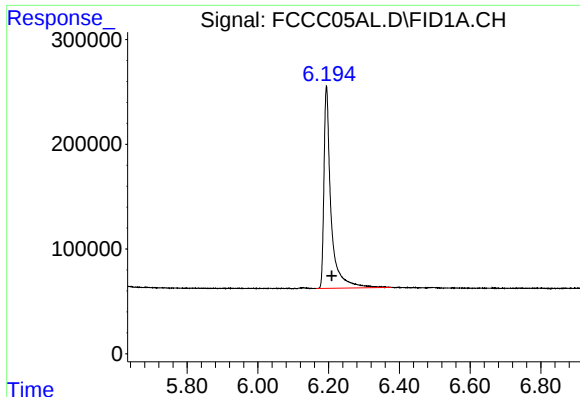
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.016 min
Response: 2673396
Conc: 18.50 ug/ml



#4 n-Dodecane (C12)

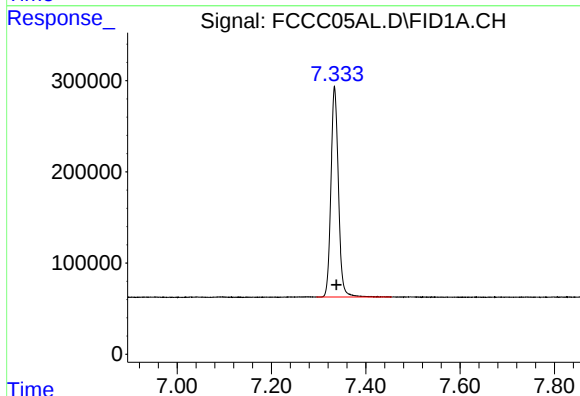
R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 2505759
Conc: 18.80 ug/ml



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

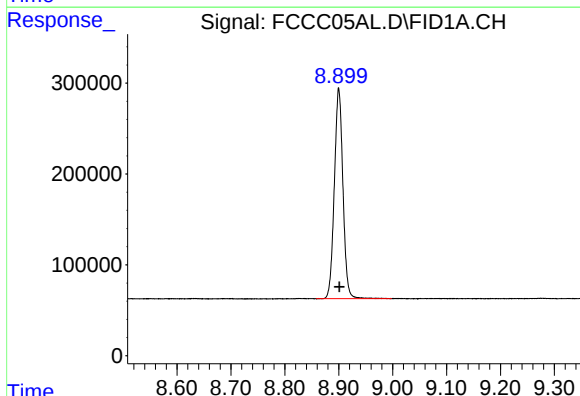
R.T.: 6.194 min
Delta R.T.: -0.014 min
Response: 2684149
Conc: 18.29 ug/ml

Instrument :
FID_C
ClientSampleId :



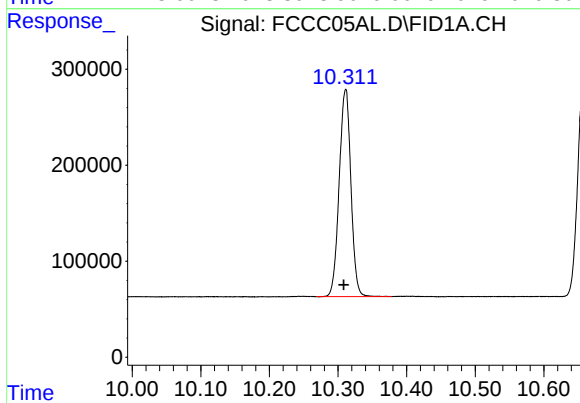
#6 n-Tetradecane (C14)

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 2536991
Conc: 18.58 ug/ml



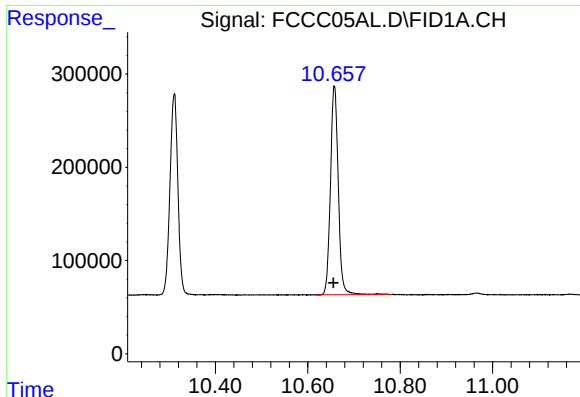
#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: -0.001 min
Response: 2564525
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

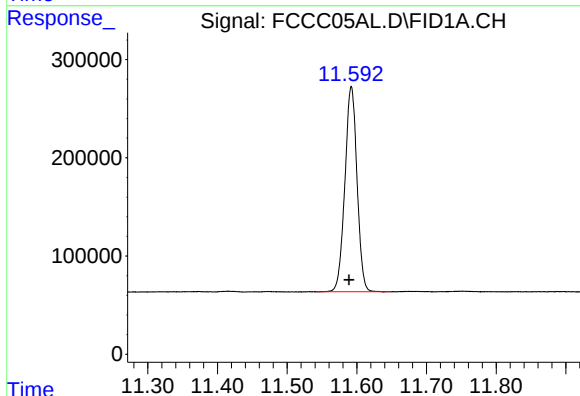
R.T.: 10.311 min
Delta R.T.: 0.003 min
Response: 2561888
Conc: 17.90 ug/ml



#9 ortho-Terphenyl (SURR)

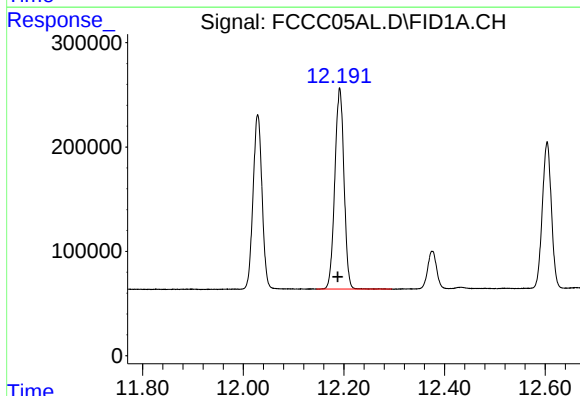
R.T.: 10.658 min
Delta R.T.: 0.002 min
Response: 2629667
Conc: 16.90 ug/ml

Instrument :
FID_C
ClientSampleId :



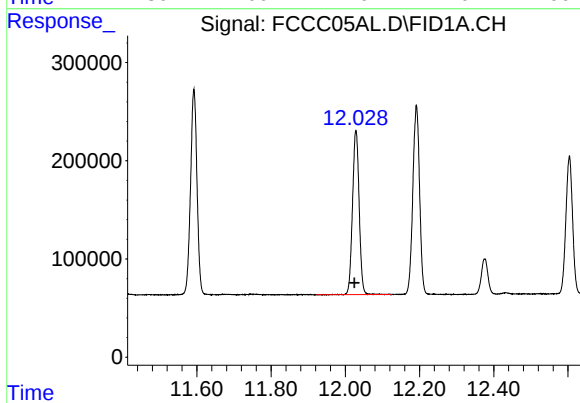
#10 n-Eicosane (C20)

R.T.: 11.592 min
Delta R.T.: 0.003 min
Response: 2526565
Conc: 17.71 ug/ml



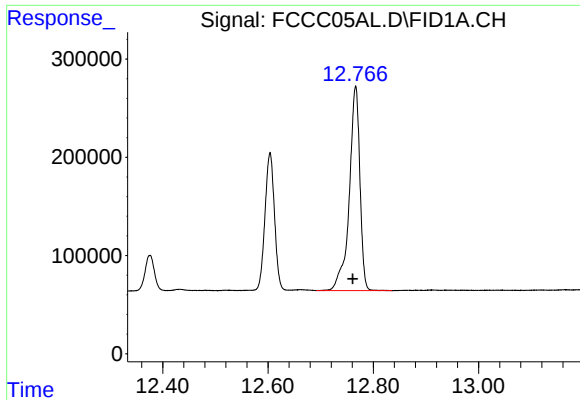
#11 n-Heneicosane (C21)

R.T.: 12.191 min
Delta R.T.: 0.004 min
Response: 2436610
Conc: 17.00 ug/ml



#12 1-chlorooctadecane (SURR)

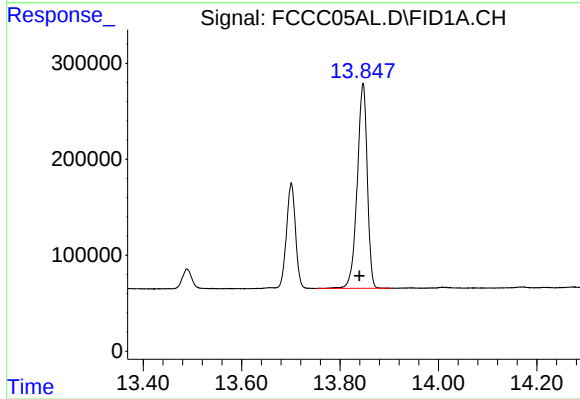
R.T.: 12.029 min
Delta R.T.: 0.004 min
Response: 2074500
Conc: 16.73 ug/ml



#13 n-Docosane (C22)

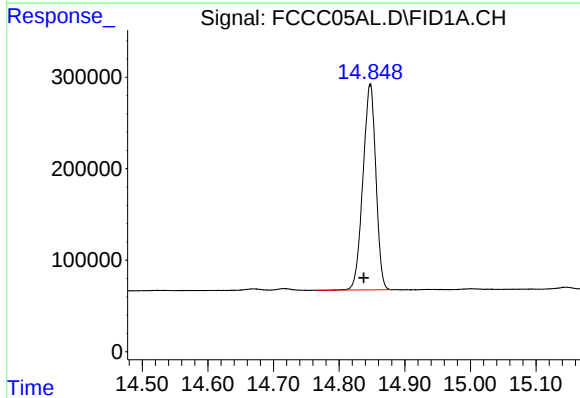
R.T.: 12.766 min
Delta R.T.: 0.005 min
Response: 2922620
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :



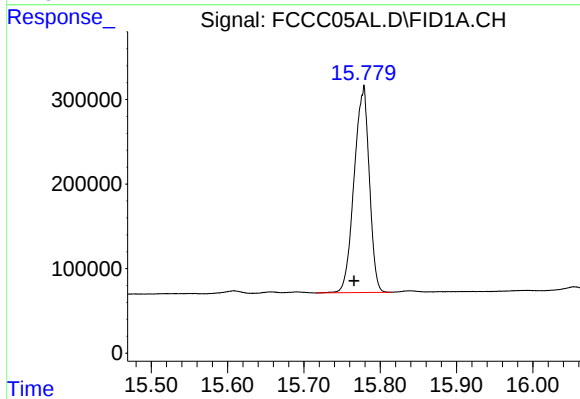
#14 n-Tetracosane (C24)

R.T.: 13.846 min
Delta R.T.: 0.007 min
Response: 3027735
Conc: 21.58 ug/ml



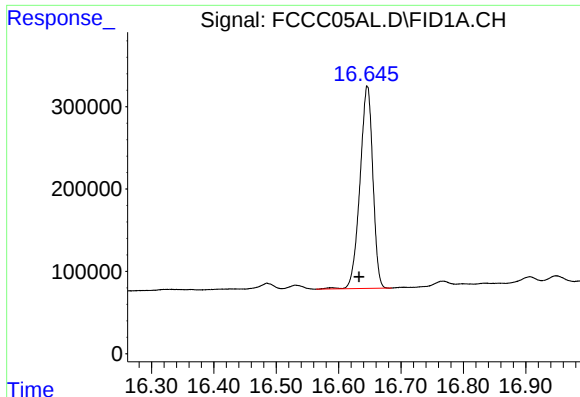
#15 n-Hexacosane (C26)

R.T.: 14.847 min
Delta R.T.: 0.010 min
Response: 3083162
Conc: 22.77 ug/ml



#16 n-Octacosane (C28)

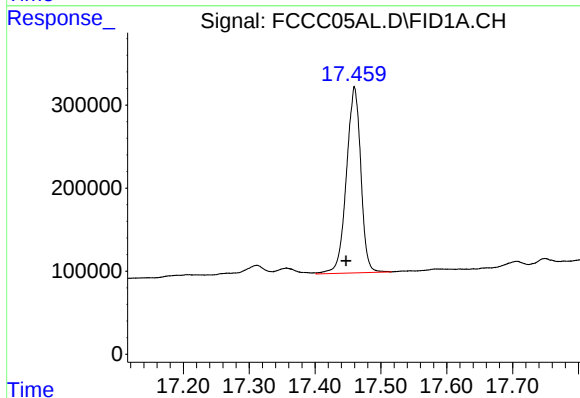
R.T.: 15.777 min
Delta R.T.: 0.011 min
Response: 3361598
Conc: 25.81 ug/ml



#17 n-Tricontane (C30)

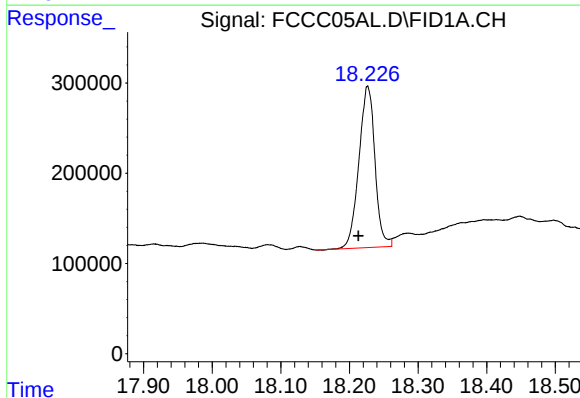
R.T.: 16.645 min
Delta R.T.: 0.012 min
Response: 3528942
Conc: 28.83 ug/ml

Instrument :
FID_C
ClientSampleId :



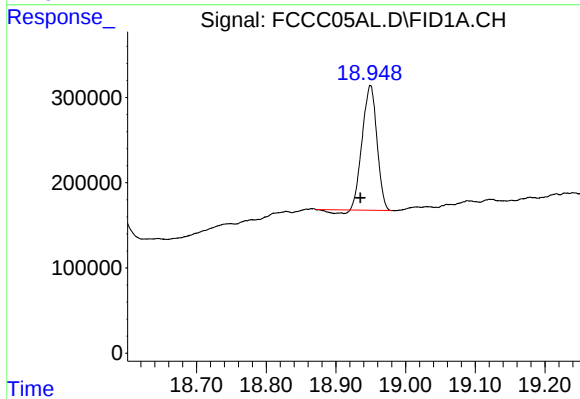
#18 n-Dotriacontane (C32)

R.T.: 17.459 min
Delta R.T.: 0.012 min
Response: 3403273
Conc: 30.52 ug/ml



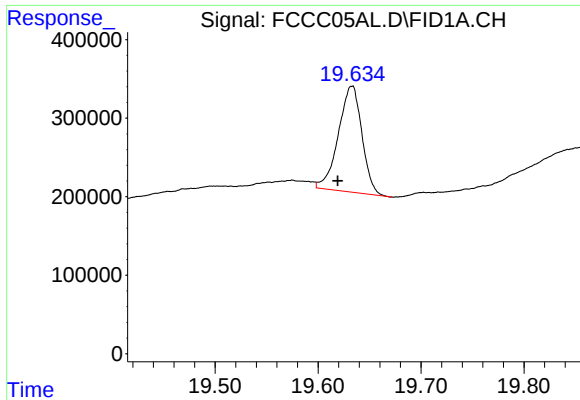
#19 n-Tetatriacontane (C34)

R.T.: 18.226 min
Delta R.T.: 0.013 min
Response: 2910149
Conc: 28.53 ug/ml



#20 n-Hexatriacontane (C36)

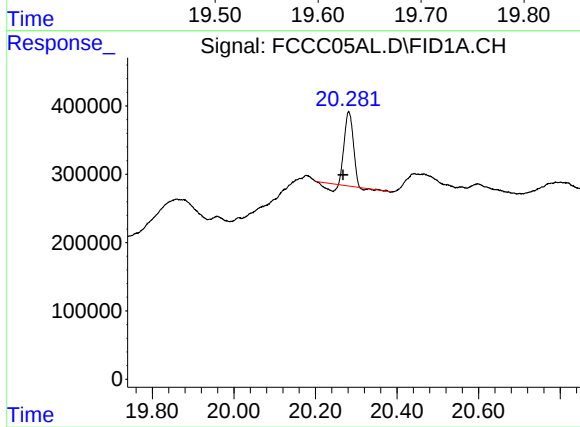
R.T.: 18.949 min
Delta R.T.: 0.014 min
Response: 2091993
Conc: 22.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.632 min
Delta R.T.: 0.013 min
Response: 2133523
Conc: 23.12 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.282 min
Delta R.T.: 0.014 min
Response: 1459063
Conc: 15.51 ug/ml