

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060622AL\
 Data File : FECCC01.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 2:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 03:50:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.949	2638564	19.891 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	12.380	2032933	19.434 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	2.802	2488247	20.834 ug/ml
2) T n-Decane (C10)	3.816	2470548	20.877 ug/ml
3) T A~Naphthalene (C11.7)	5.383	2701163	20.215 ug/ml
4) T n-Dodecane (C12)	5.805	2468565	20.605 ug/ml
5) T A~2-methylnaphthalene...	6.431	2706854	20.016 ug/ml
6) T n-Tetradecane (C14)	7.594	2433532	20.417 ug/ml
7) T n-Hexadecane (C16)	9.190	2411452	20.224 ug/ml
8) T n-Octadecane (C18)	10.629	2418286	20.173 ug/ml
10) T n-Eicosane (C20)	11.936	2365941	19.832 ug/ml
11) T n-Heneicosane (C21)	12.546	2363983	19.689 ug/ml
13) T n-Docosane (C22)	13.131	2355997	19.564 ug/ml
14) T n-Tetracosane (C24)	14.231	2350529	19.426 ug/ml
15) T n-Hexacosane (C26)	15.249	2321297	19.182 ug/ml
16) T n-Octacosane (C28)	16.198	2316282	19.112 ug/ml
17) T n-Tricontane (C30)	17.082	2311381	19.223 ug/ml
18) T n-Dotriacontane (C32)	17.914	2226006	19.370 ug/ml
19) T n-Tetratriacontane (C34)	18.696	2121746	19.614 ug/ml
20) T n-Hexatriacontane (C36)	19.433	2028316	20.135 ug/ml
21) T n-Octatriacontane (C38)	20.169	1980417	20.786 ug/ml
22) T n-Tetracontane (C40)	21.081	2033638	21.777 ug/ml

(f)=RT Delta > 1/2 Window

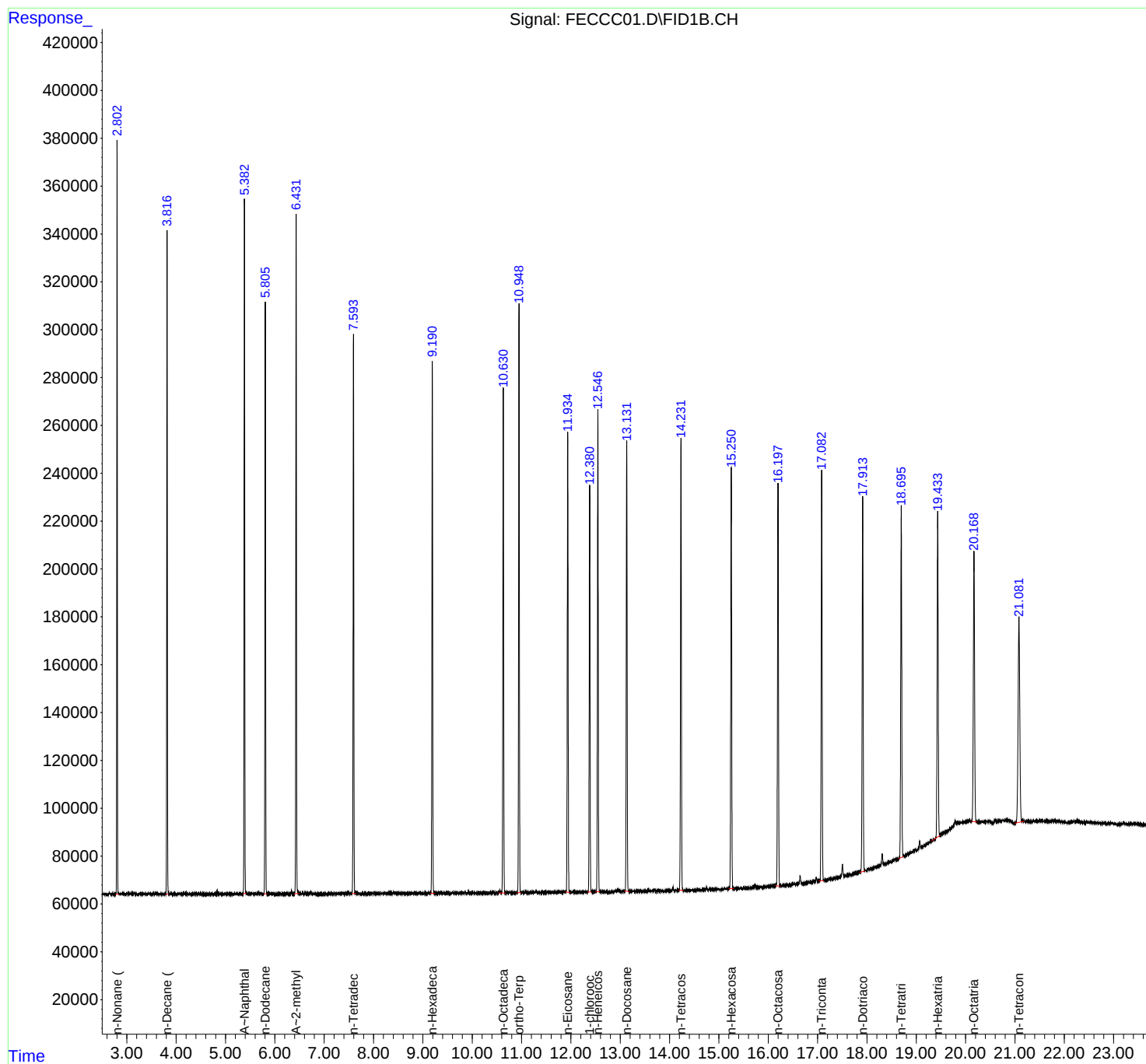
(m)=manual int.

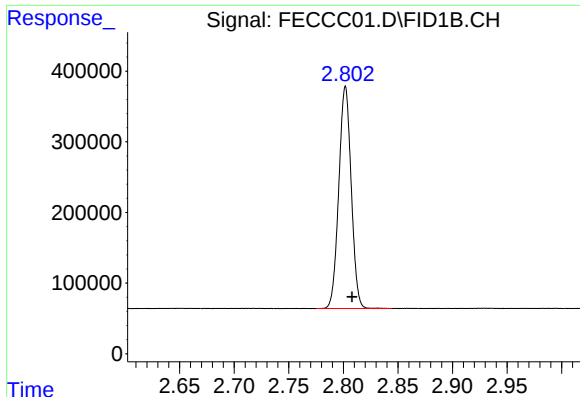
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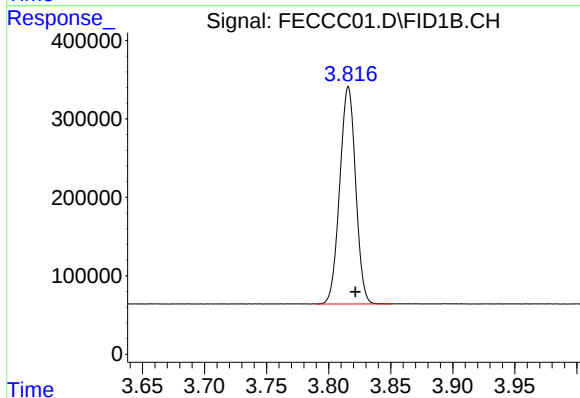




#1 n-Nonane (C9)

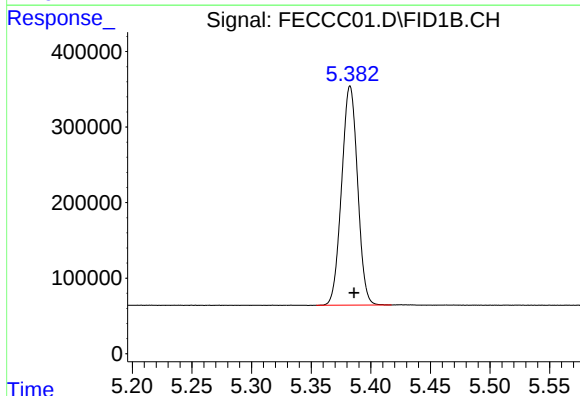
R.T.: 2.802 min
Delta R.T.: -0.006 min
Response: 2488247
Conc: 20.83 ug/ml

Instrument :
FID_E
ClientSampleId :



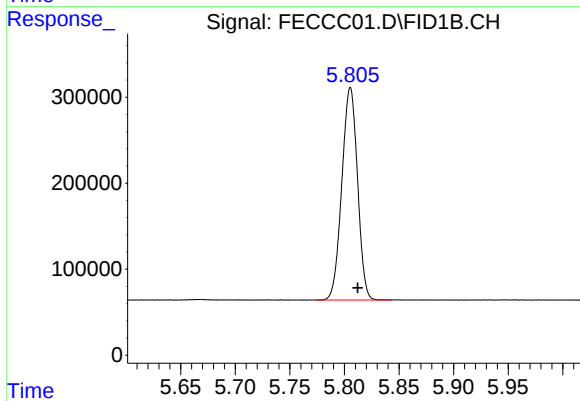
#2 n-Decane (C10)

R.T.: 3.816 min
Delta R.T.: -0.006 min
Response: 2470548
Conc: 20.88 ug/ml



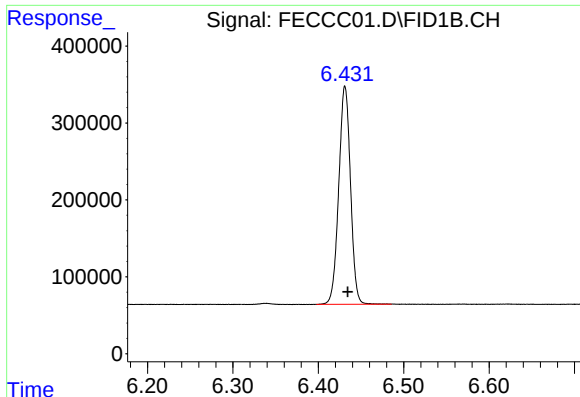
#3 A~Naphthalene (C11.7)

R.T.: 5.383 min
Delta R.T.: -0.003 min
Response: 2701163
Conc: 20.21 ug/ml



#4 n-Dodecane (C12)

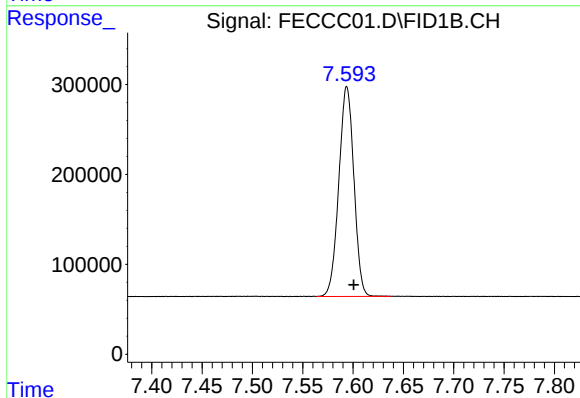
R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 2468565
Conc: 20.60 ug/ml



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

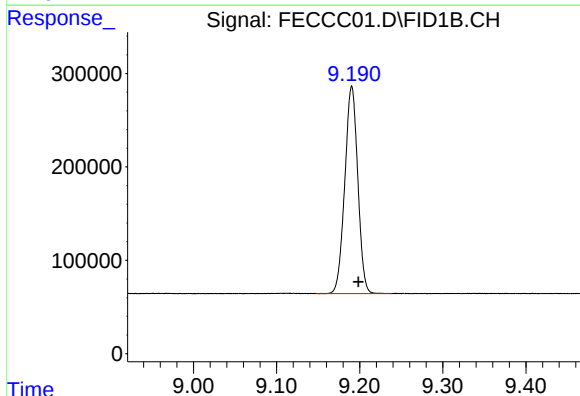
R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 2706854
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :



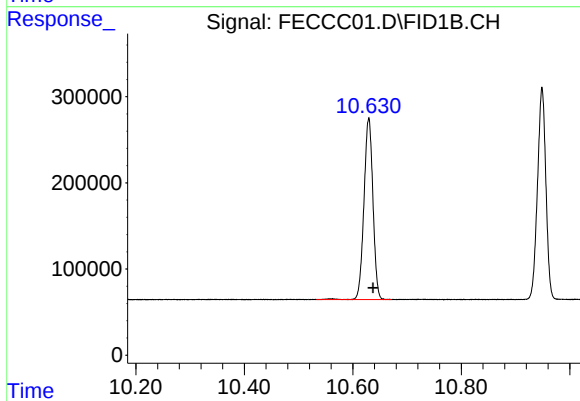
#6 n-Tetradecane (C14)

R.T.: 7.594 min
Delta R.T.: -0.007 min
Response: 2433532
Conc: 20.42 ug/ml



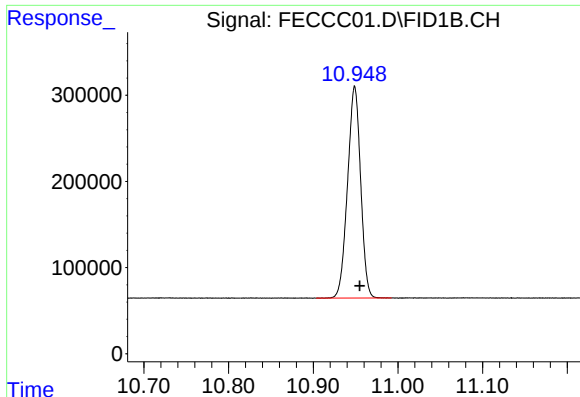
#7 n-Hexadecane (C16)

R.T.: 9.190 min
Delta R.T.: -0.008 min
Response: 2411452
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

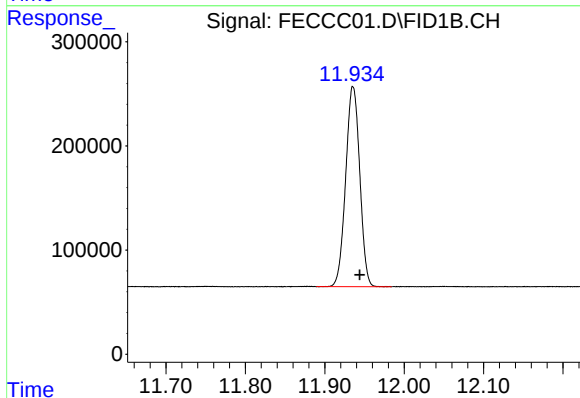
R.T.: 10.629 min
Delta R.T.: -0.008 min
Response: 2418286
Conc: 20.17 ug/ml



#9 ortho-Terphenyl (SURR)

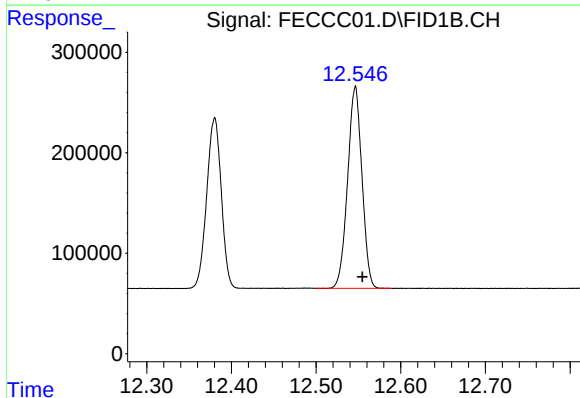
R.T.: 10.949 min
Delta R.T.: -0.006 min
Response: 2638564
Conc: 19.89 ug/ml

Instrument :
FID_E
ClientSampleId :



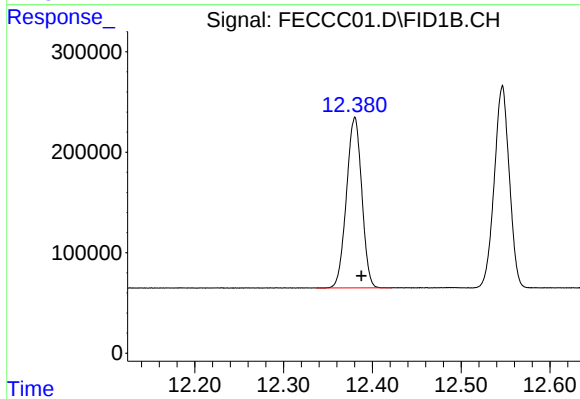
#10 n-Eicosane (C20)

R.T.: 11.936 min
Delta R.T.: -0.009 min
Response: 2365941
Conc: 19.83 ug/ml



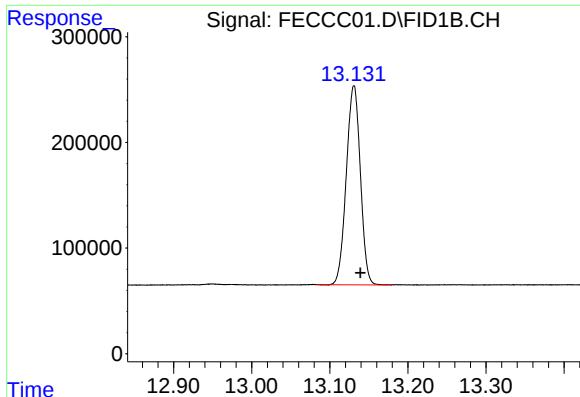
#11 n-Heneicosane (C21)

R.T.: 12.546 min
Delta R.T.: -0.008 min
Response: 2363983
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

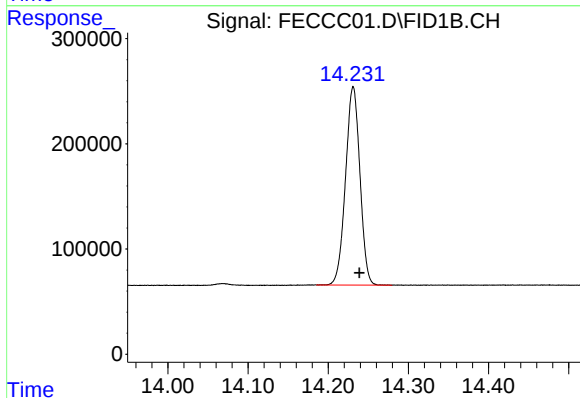
R.T.: 12.380 min
Delta R.T.: -0.007 min
Response: 2032933
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

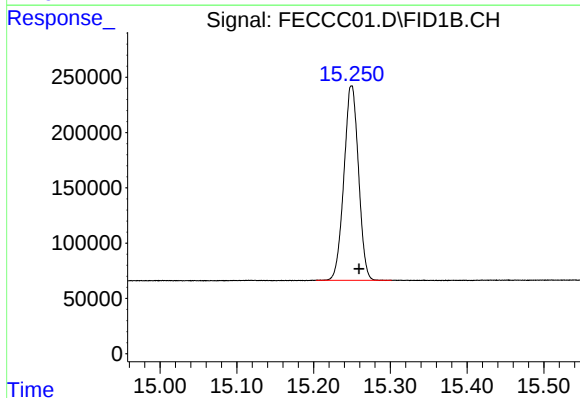
R.T.: 13.131 min
Delta R.T.: -0.008 min
Response: 2355997
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :



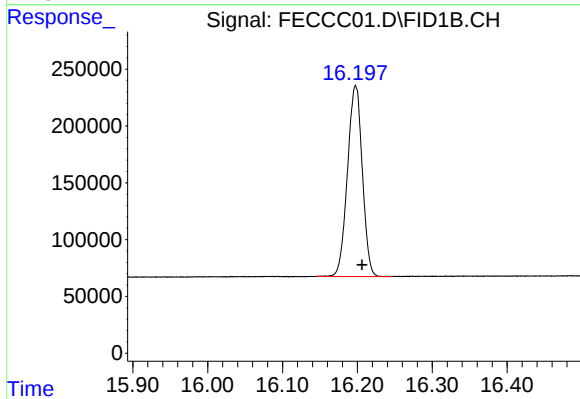
#14 n-Tetracosane (C24)

R.T.: 14.231 min
Delta R.T.: -0.008 min
Response: 2350529
Conc: 19.43 ug/ml



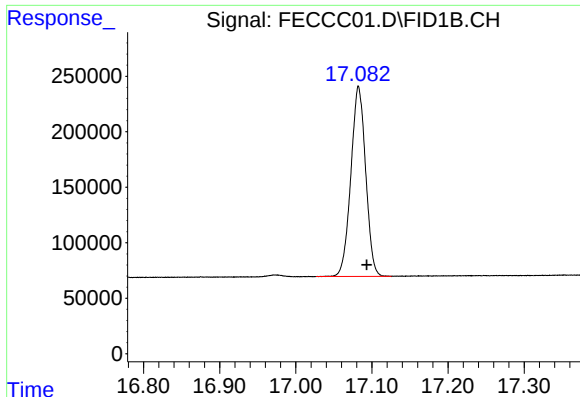
#15 n-Hexacosane (C26)

R.T.: 15.249 min
Delta R.T.: -0.010 min
Response: 2321297
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

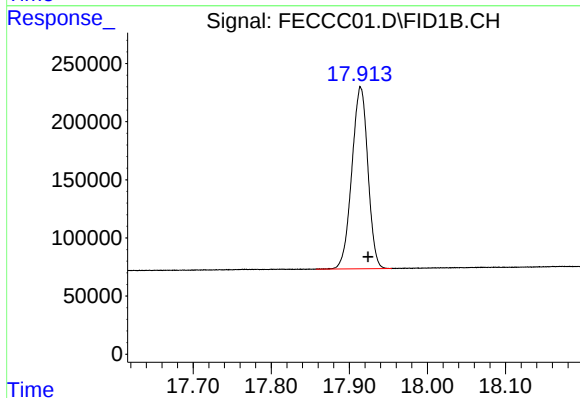
R.T.: 16.198 min
Delta R.T.: -0.009 min
Response: 2316282
Conc: 19.11 ug/ml



#17 n-Tricontane (C30)

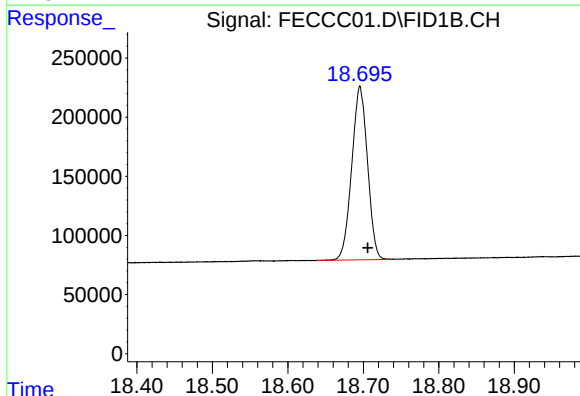
R.T.: 17.082 min
Delta R.T.: -0.011 min
Response: 2311381
Conc: 19.22 ug/ml

Instrument :
FID_E
ClientSampleId :



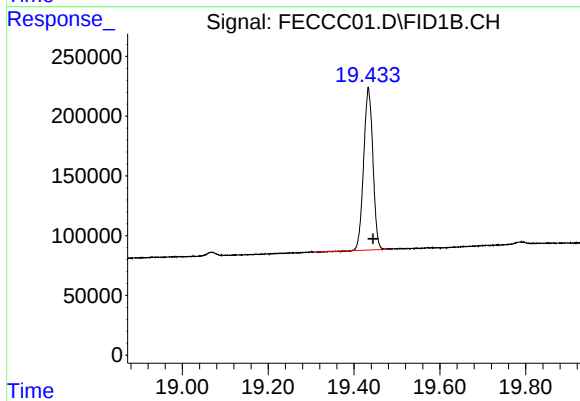
#18 n-Dotriacontane (C32)

R.T.: 17.914 min
Delta R.T.: -0.009 min
Response: 2226006
Conc: 19.37 ug/ml



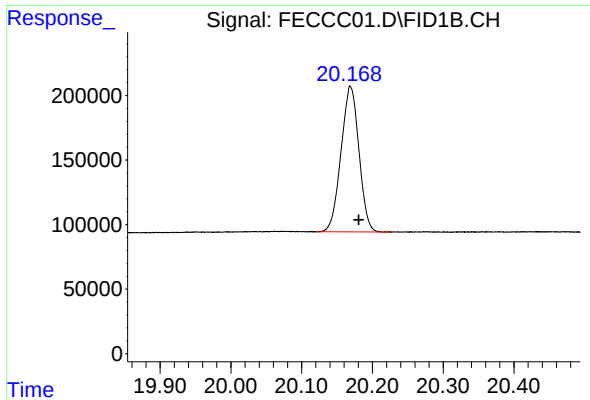
#19 n-Tetratriacontane (C34)

R.T.: 18.696 min
Delta R.T.: -0.010 min
Response: 2121746
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

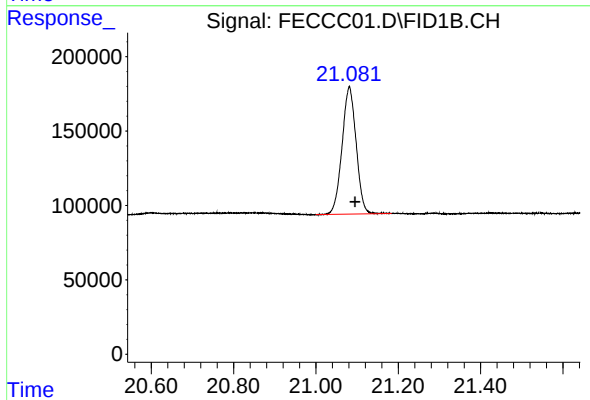
R.T.: 19.433 min
Delta R.T.: -0.011 min
Response: 2028316
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.169 min
Delta R.T.: -0.012 min
Response: 1980417
Conc: 20.79 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.081 min
Delta R.T.: -0.014 min
Response: 2033638
Conc: 21.78 ug/ml