

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061522AL\
 Data File : FECCC01AL.D
 Signal(s) : FID1B.CH
 Acq On : 15 Jun 2022 21:30
 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 16 01:48:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 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)	10.867	2802029	20.514 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
12) S 1-chlorooctadecane (S...	12.306	2177863	20.839 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	2.724	2622959	20.775 ug/ml
2) T n-Decane (C10)	3.735	2609193	20.950 ug/ml
3) T A~Naphthalene (C11.7)	5.293	2854334	20.506 ug/ml
4) T n-Dodecane (C12)	5.724	2603994	20.703 ug/ml
5) T A~2-methylnaphthalene...	6.342	2857882	20.450 ug/ml
6) T n-Tetradecane (C14)	7.515	2560968	20.490 ug/ml
7) T n-Hexadecane (C16)	9.114	2536823	20.727 ug/ml
8) T n-Octadecane (C18)	10.555	2539372	20.862 ug/ml
10) T n-Eicosane (C20)	11.863	2528987	20.940 ug/ml
11) T n-Heneicosane (C21)	12.474	2530385	20.896 ug/ml
13) T n-Docosane (C22)	13.060	2568838	21.266 ug/ml
14) T n-Tetracosane (C24)	14.162	2676650	22.050 ug/ml
15) T n-Hexacosane (C26)	15.183	2742333	22.579 ug/ml
16) T n-Octacosane (C28)	16.133	2777653	22.828 ug/ml
17) T n-Tricontane (C30)	17.021	2750424	22.713 ug/ml
18) T n-Dotriacontane (C32)	17.853	2614103	22.376 ug/ml
19) T n-Tetratriacontane (C34)	18.634	2338516	21.372 ug/ml
20) T n-Hexatriacontane (C36)	19.372	2165071	21.220 ug/ml
21) T n-Octatriacontane (C38)	20.100	2093394	21.283 ug/ml
22) T n-Tetracontane (C40)	20.990	2242401	23.028 ug/ml

(f)=RT Delta > 1/2 Window

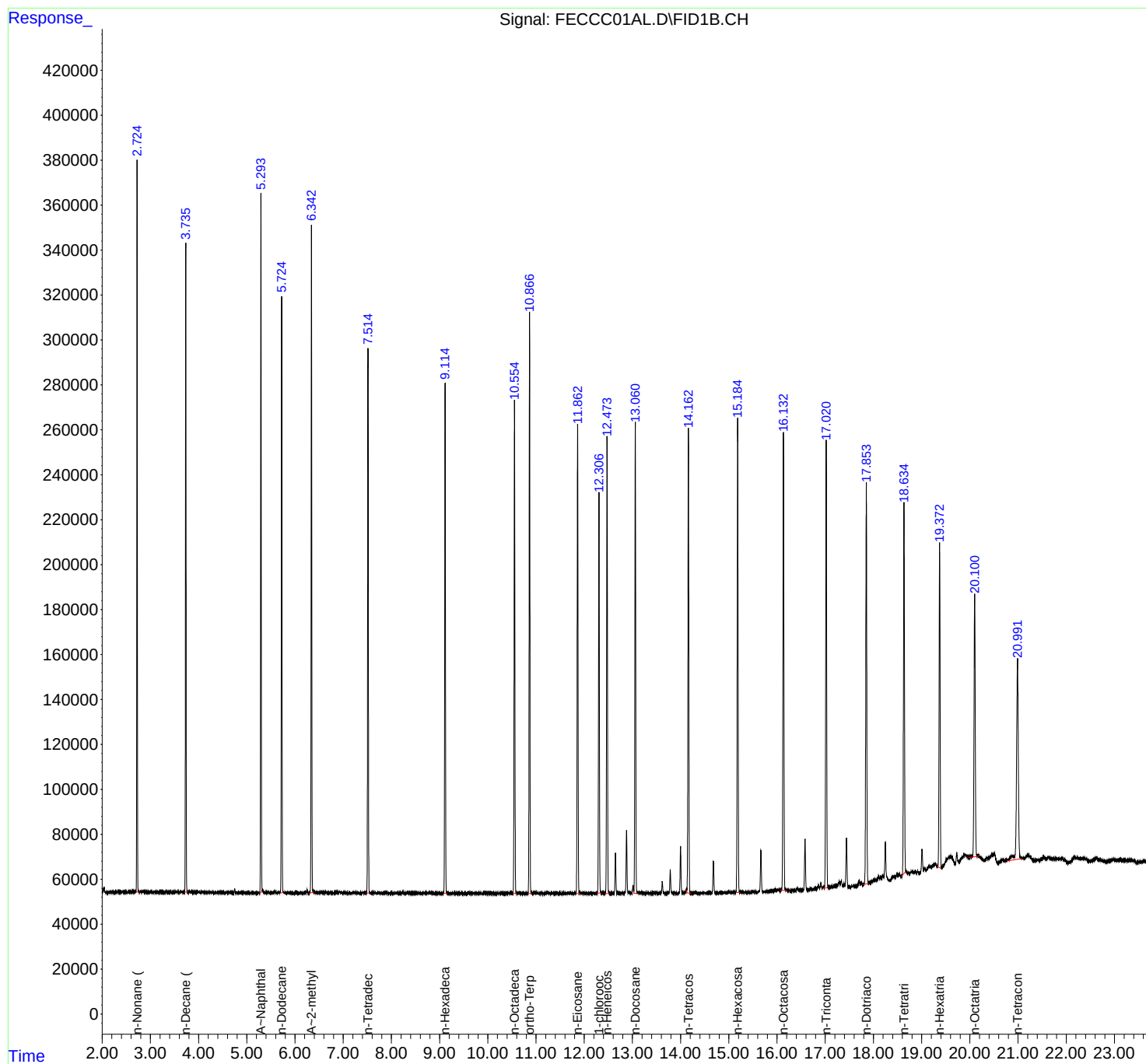
(m)=manual int.

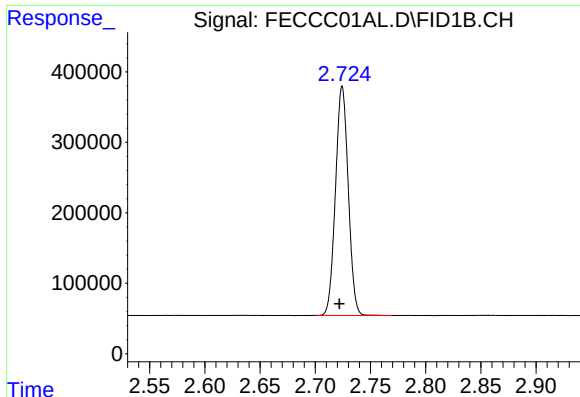
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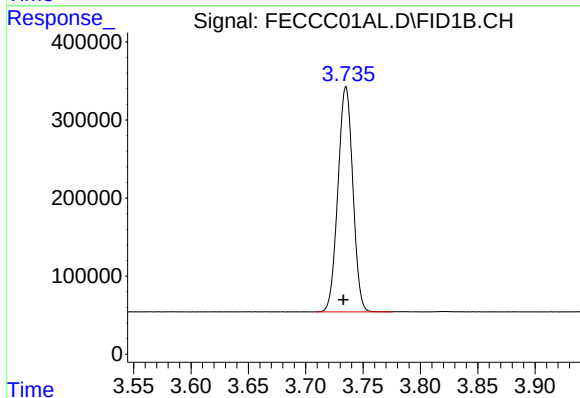




#1 n-Nonane (C9)

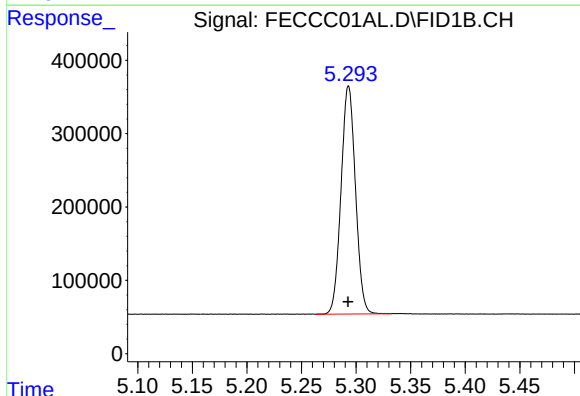
R.T.: 2.724 min
Delta R.T.: 0.002 min
Response: 2622959
Conc: 20.78 ug/ml

Instrument :
FID_E
ClientSampleId :



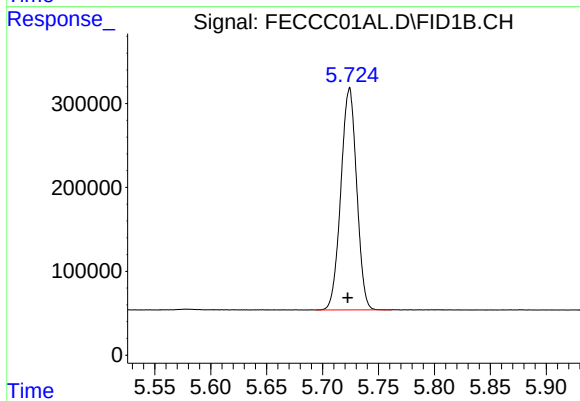
#2 n-Decane (C10)

R.T.: 3.735 min
Delta R.T.: 0.002 min
Response: 2609193
Conc: 20.95 ug/ml



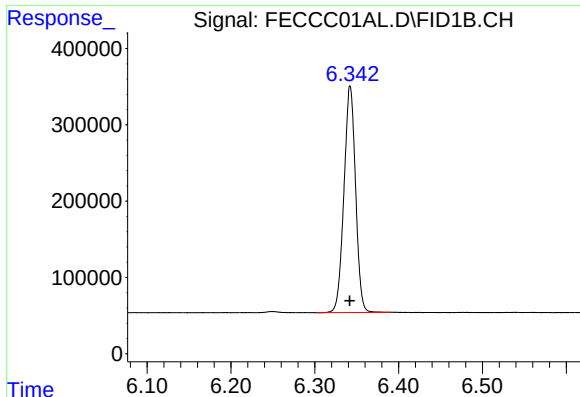
#3 A~Naphthalene (C11.7)

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 2854334
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

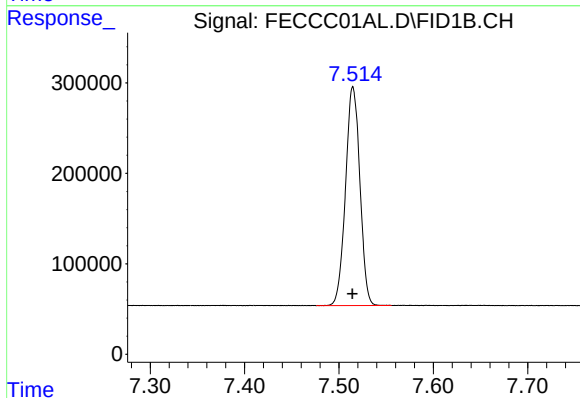
R.T.: 5.724 min
Delta R.T.: 0.002 min
Response: 2603994
Conc: 20.70 ug/ml



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

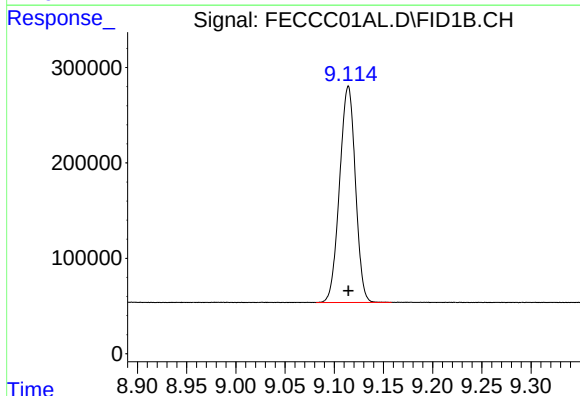
R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 2857882
Conc: 20.45 ug/ml

Instrument :
FID_E
ClientSampleId :



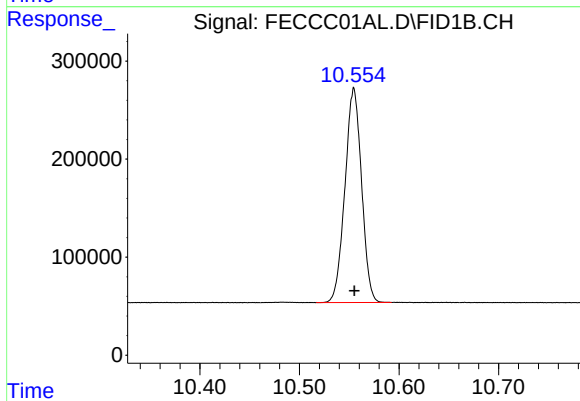
#6 n-Tetradecane (C14)

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 2560968
Conc: 20.49 ug/ml



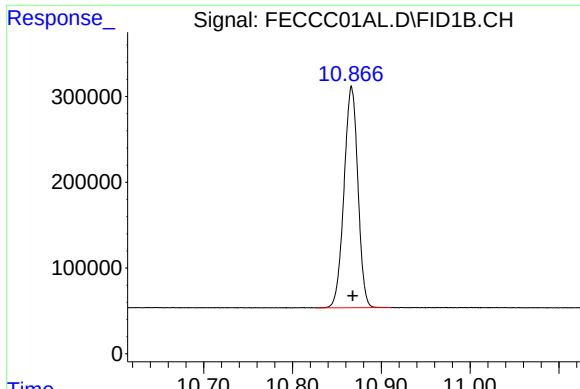
#7 n-Hexadecane (C16)

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 2536823
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

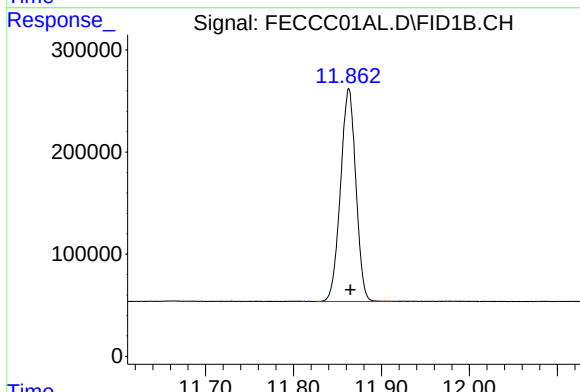
R.T.: 10.555 min
Delta R.T.: 0.000 min
Response: 2539372
Conc: 20.86 ug/ml



#9 ortho-Terphenyl (SURR)

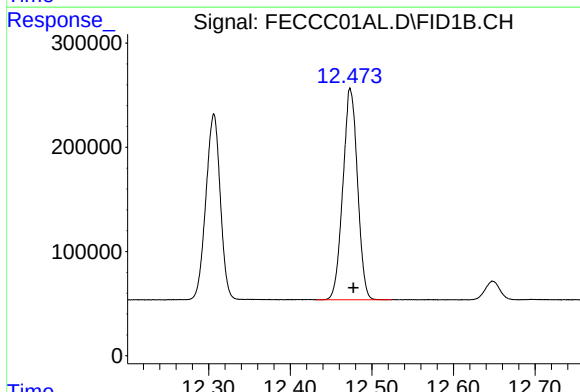
R.T.: 10.867 min
Delta R.T.: -0.001 min
Response: 2802029
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :



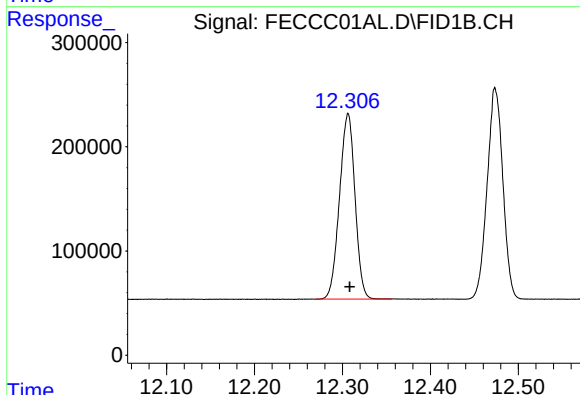
#10 n-Eicosane (C20)

R.T.: 11.863 min
Delta R.T.: -0.002 min
Response: 2528987
Conc: 20.94 ug/ml



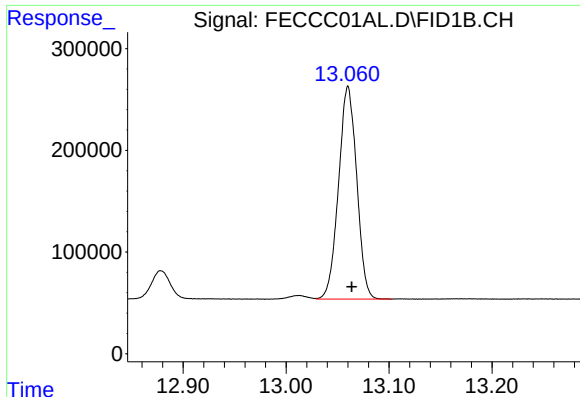
#11 n-Heneicosane (C21)

R.T.: 12.474 min
Delta R.T.: -0.004 min
Response: 2530385
Conc: 20.90 ug/ml



#12 1-chlorooctadecane (SURR)

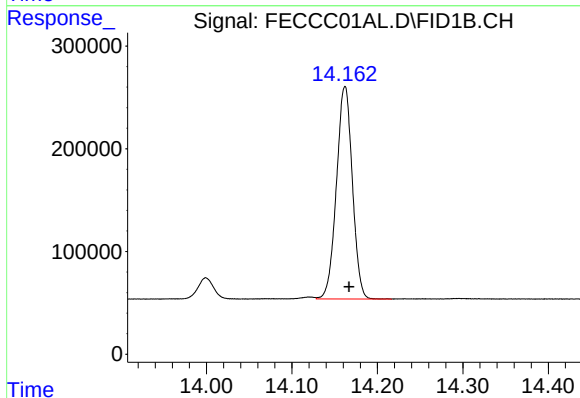
R.T.: 12.306 min
Delta R.T.: -0.002 min
Response: 2177863
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

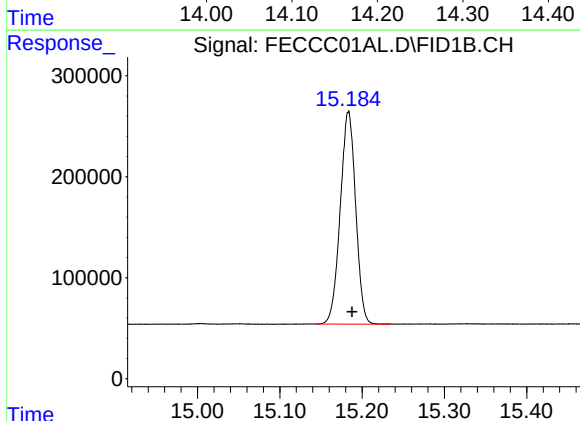
R.T.: 13.060 min
Delta R.T.: -0.004 min
Response: 2568838
Conc: 21.27 ug/ml

Instrument :
FID_E
ClientSampleId :



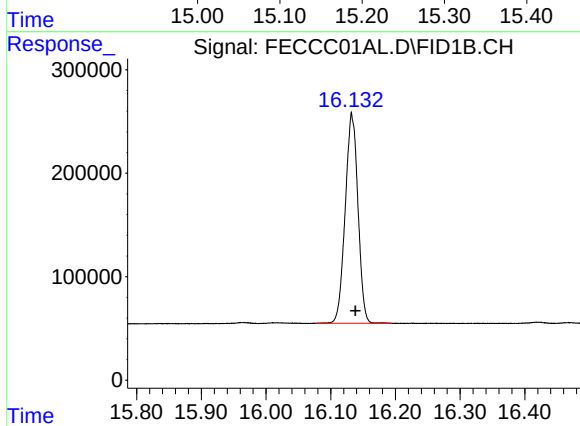
#14 n-Tetracosane (C24)

R.T.: 14.162 min
Delta R.T.: -0.005 min
Response: 2676650
Conc: 22.05 ug/ml



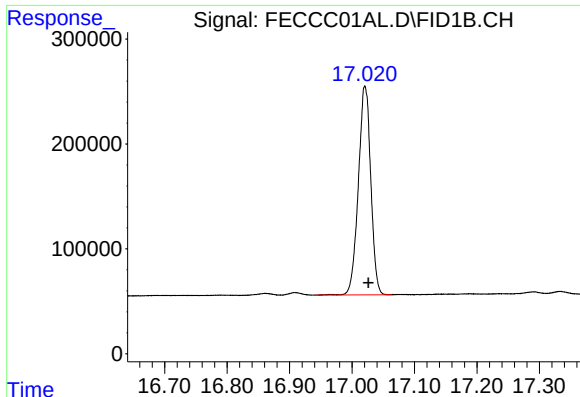
#15 n-Hexacosane (C26)

R.T.: 15.183 min
Delta R.T.: -0.004 min
Response: 2742333
Conc: 22.58 ug/ml



#16 n-Octacosane (C28)

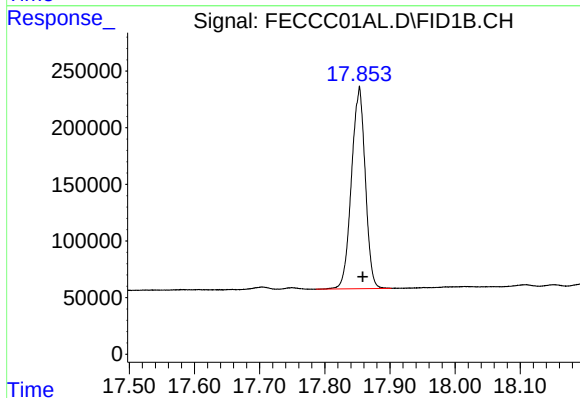
R.T.: 16.133 min
Delta R.T.: -0.006 min
Response: 2777653
Conc: 22.83 ug/ml



#17 n-Tricontane (C30)

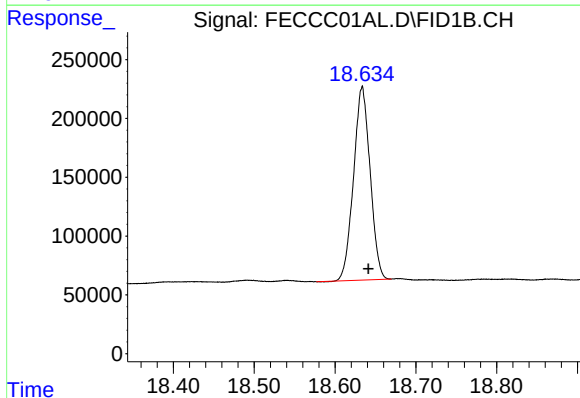
R.T.: 17.021 min
Delta R.T.: -0.006 min
Response: 2750424
Conc: 22.71 ug/ml

Instrument :
FID_E
ClientSampleId :



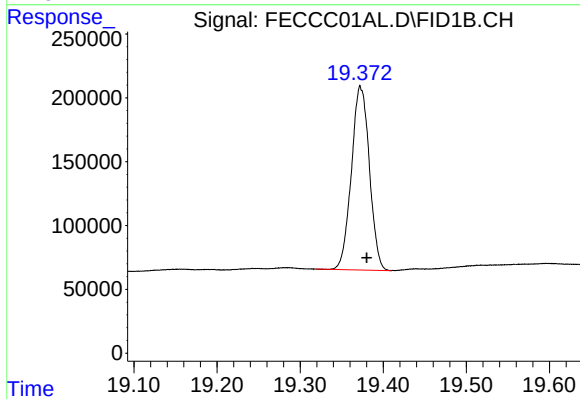
#18 n-Dotriacontane (C32)

R.T.: 17.853 min
Delta R.T.: -0.005 min
Response: 2614103
Conc: 22.38 ug/ml



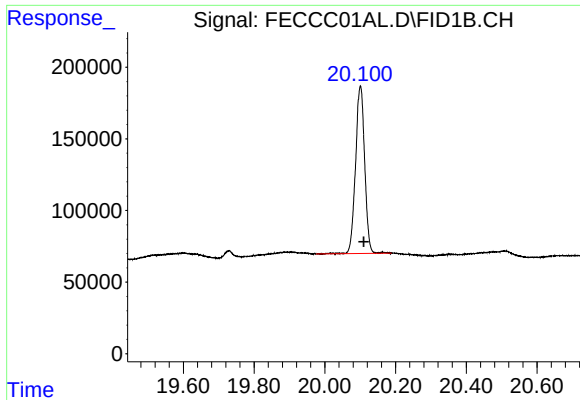
#19 n-Tetratriacontane (C34)

R.T.: 18.634 min
Delta R.T.: -0.008 min
Response: 2338516
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

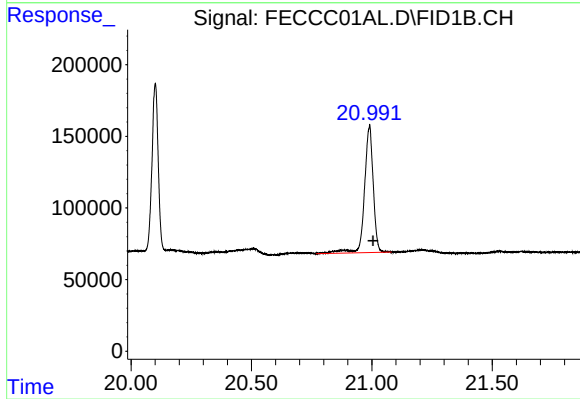
R.T.: 19.372 min
Delta R.T.: -0.008 min
Response: 2165071
Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.100 min
Delta R.T.: -0.010 min
Response: 2093394
Conc: 21.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.990 min
Delta R.T.: -0.015 min
Response: 2242401
Conc: 23.03 ug/ml