

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060222AL\
 Data File : FECCC01AL.D
 Signal(s) : FID1B.CH
 Acq On : 02 Jun 2022 22:27
 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 03 01:15:03 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)	10.951	2483805	18.724 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
12) S 1-chlorooctadecane (S...	12.382	1923079	18.384 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
Target Compounds			
1) T n-Nonane (C9)	2.803	2324537	19.463 ug/ml
2) T n-Decane (C10)	3.817	2303608	19.467 ug/ml
3) T A~Naphthalene (C11.7)	5.384	2537220	18.988 ug/ml
4) T n-Dodecane (C12)	5.807	2306658	19.253 ug/ml
5) T A~2-methylnaphthalene...	6.433	2541976	18.797 ug/ml
6) T n-Tetradecane (C14)	7.596	2281157	19.139 ug/ml
7) T n-Hexadecane (C16)	9.193	2259594	18.950 ug/ml
8) T n-Octadecane (C18)	10.631	2255532	18.816 ug/ml
10) T n-Eicosane (C20)	11.938	2222063	18.626 ug/ml
11) T n-Heneicosane (C21)	12.549	2225486	18.536 ug/ml
13) T n-Docosane (C22)	13.134	2221119	18.444 ug/ml
14) T n-Tetracosane (C24)	14.235	2224717	18.386 ug/ml
15) T n-Hexacosane (C26)	15.253	2195567	18.143 ug/ml
16) T n-Octacosane (C28)	16.201	2184370	18.024 ug/ml
17) T n-Tricontane (C30)	17.086	2154445	17.917 ug/ml
18) T n-Dotriacontane (C32)	17.917	2071576	18.026 ug/ml
19) T n-Tetratriacontane (C34)	18.699	1975543	18.262 ug/ml
20) T n-Hexatriacontane (C36)	19.437	1893805	18.800 ug/ml
21) T n-Octatriacontane (C38)	20.172	1858173	19.503 ug/ml
22) T n-Tetracontane (C40)	21.086	1893395	20.275 ug/ml

(f)=RT Delta > 1/2 Window

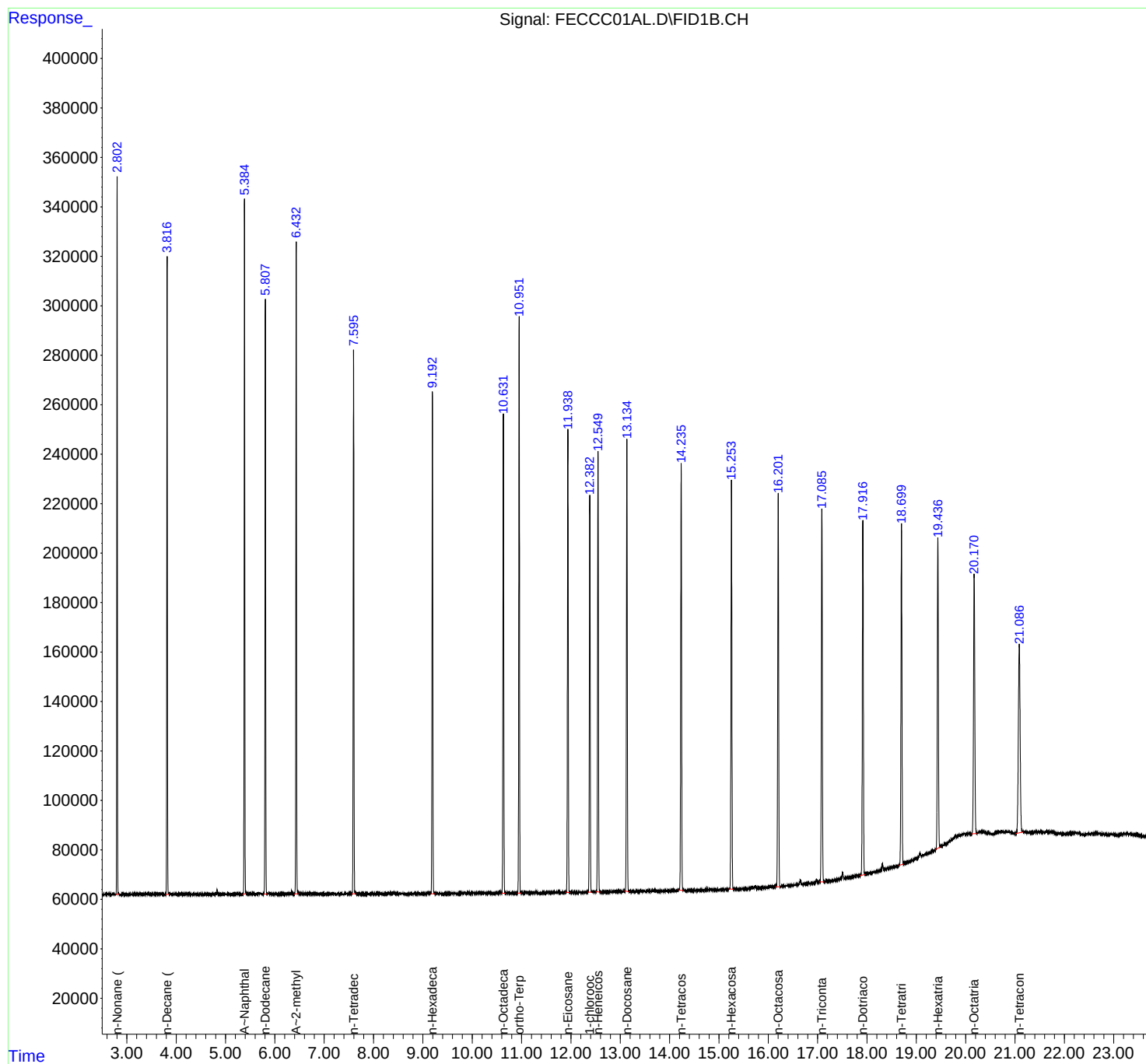
(m)=manual int.

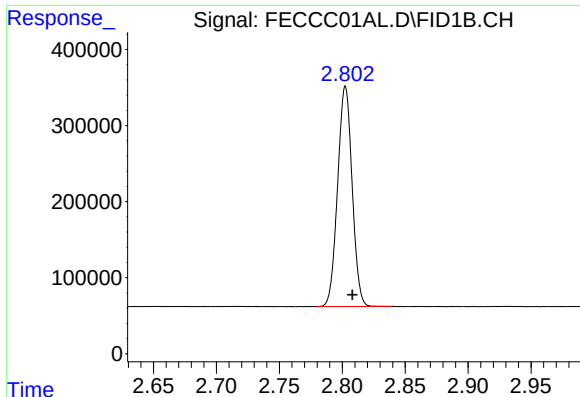
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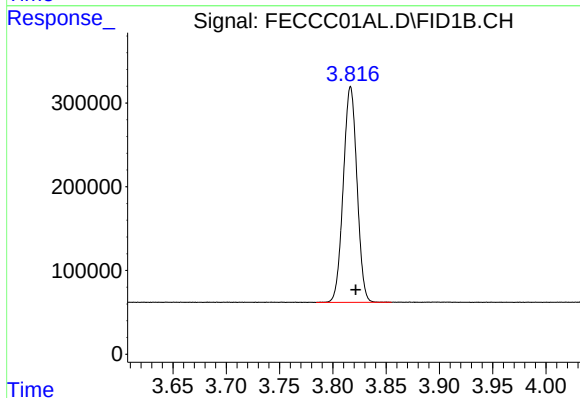




#1 n-Nonane (C9)

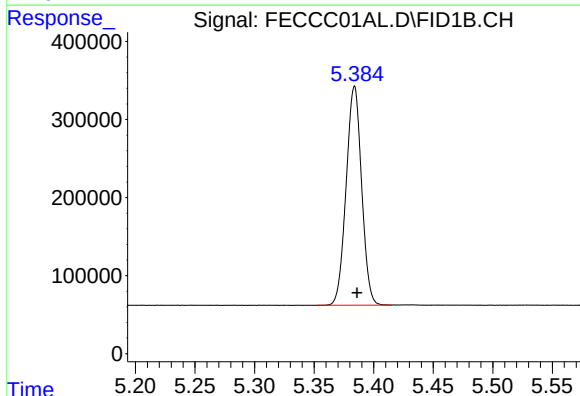
R.T.: 2.803 min
Delta R.T.: -0.005 min
Response: 2324537
Conc: 19.46 ug/ml

Instrument :
FID_E
ClientSampleId :



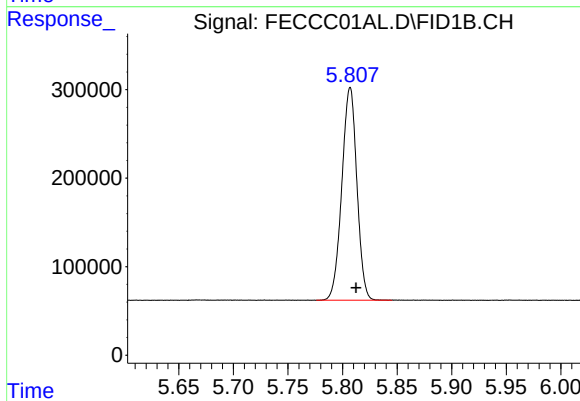
#2 n-Decane (C10)

R.T.: 3.817 min
Delta R.T.: -0.005 min
Response: 2303608
Conc: 19.47 ug/ml



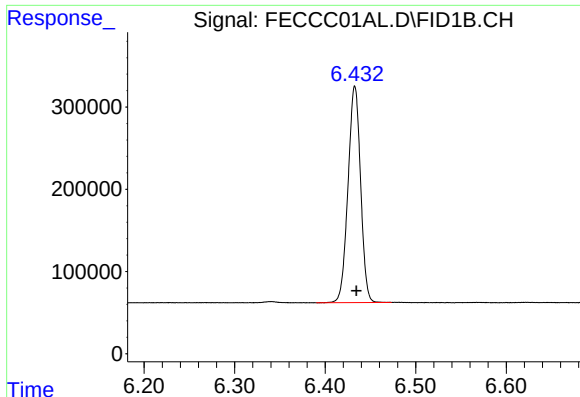
#3 A~Naphthalene (C11.7)

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 2537220
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

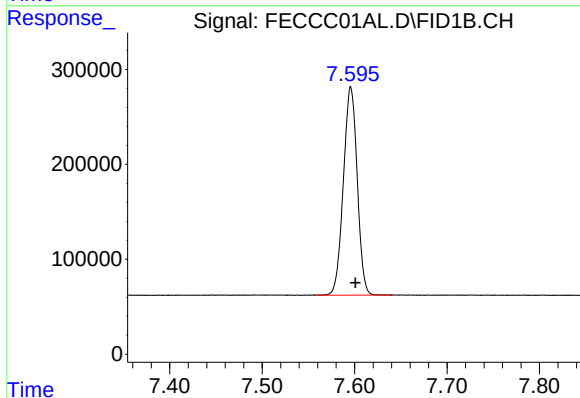
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 2306658
Conc: 19.25 ug/ml



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

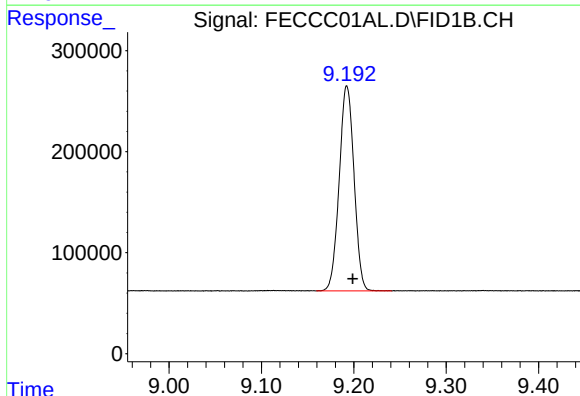
R.T.: 6.433 min
Delta R.T.: -0.002 min
Response: 2541976
Conc: 18.80 ug/ml

Instrument :
FID_E
ClientSampleId :



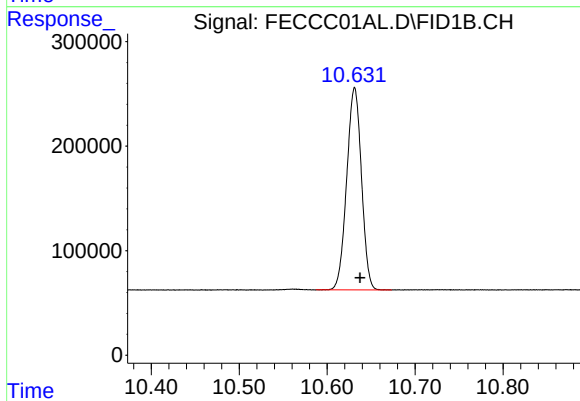
#6 n-Tetradecane (C14)

R.T.: 7.596 min
Delta R.T.: -0.005 min
Response: 2281157
Conc: 19.14 ug/ml



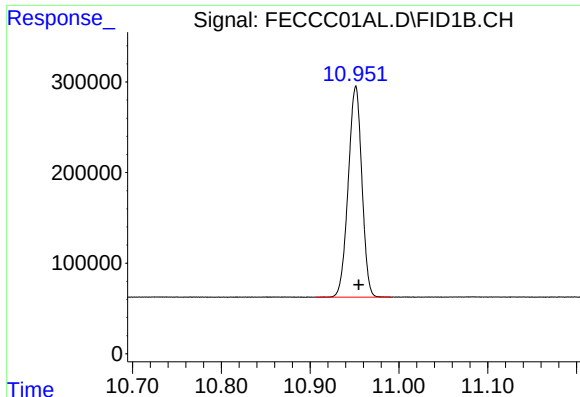
#7 n-Hexadecane (C16)

R.T.: 9.193 min
Delta R.T.: -0.006 min
Response: 2259594
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

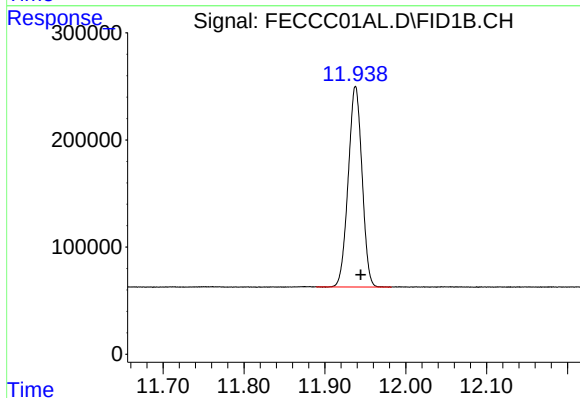
R.T.: 10.631 min
Delta R.T.: -0.006 min
Response: 2255532
Conc: 18.82 ug/ml



#9 ortho-Terphenyl (SURR)

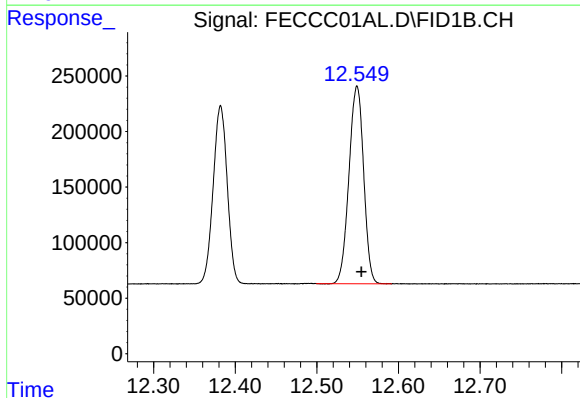
R.T.: 10.951 min
Delta R.T.: -0.003 min
Response: 2483805
Conc: 18.72 ug/ml

Instrument :
FID_E
ClientSampleId :



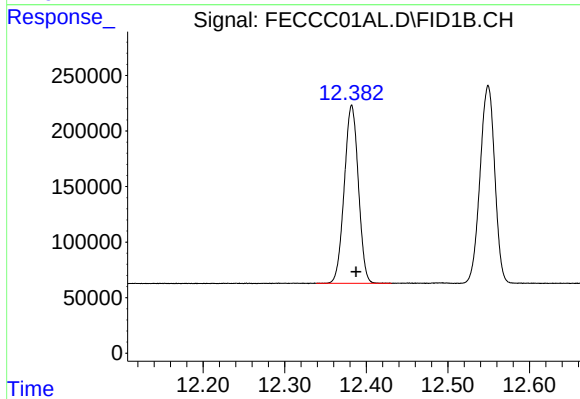
#10 n-Eicosane (C20)

R.T.: 11.938 min
Delta R.T.: -0.006 min
Response: 2222063
Conc: 18.63 ug/ml



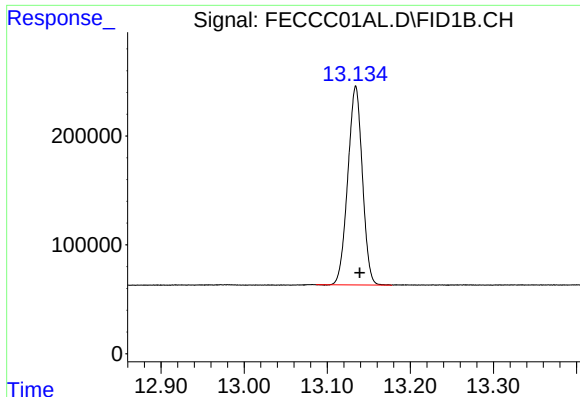
#11 n-Heneicosane (C21)

R.T.: 12.549 min
Delta R.T.: -0.006 min
Response: 2225486
Conc: 18.54 ug/ml



#12 1-chlorooctadecane (SURR)

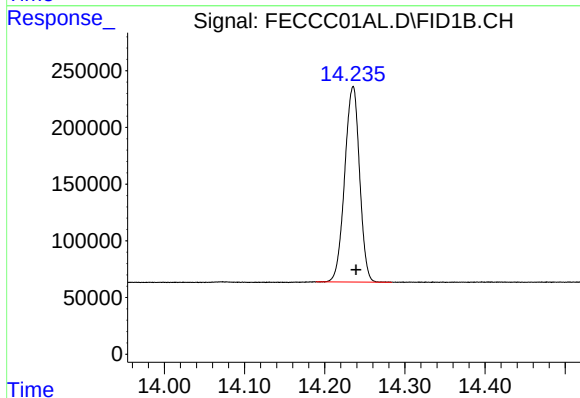
R.T.: 12.382 min
Delta R.T.: -0.005 min
Response: 1923079
Conc: 18.38 ug/ml



#13 n-Docosane (C22)

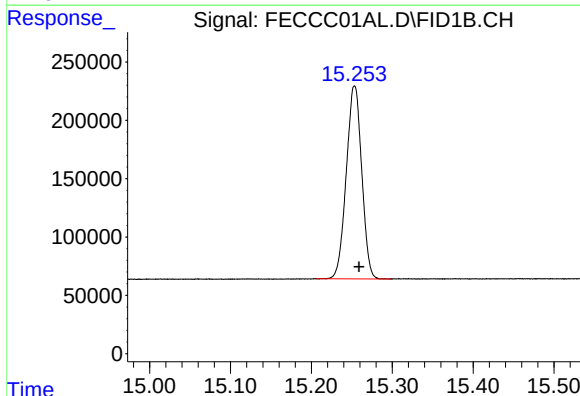
R.T.: 13.134 min
Delta R.T.: -0.005 min
Response: 2221119
Conc: 18.44 ug/ml

Instrument :
FID_E
ClientSampleId :



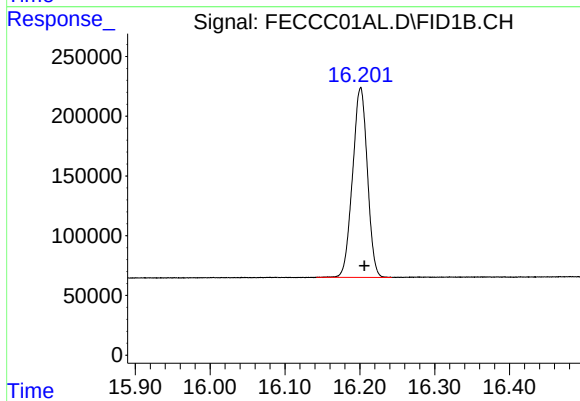
#14 n-Tetracosane (C24)

R.T.: 14.235 min
Delta R.T.: -0.003 min
Response: 2224717
Conc: 18.39 ug/ml



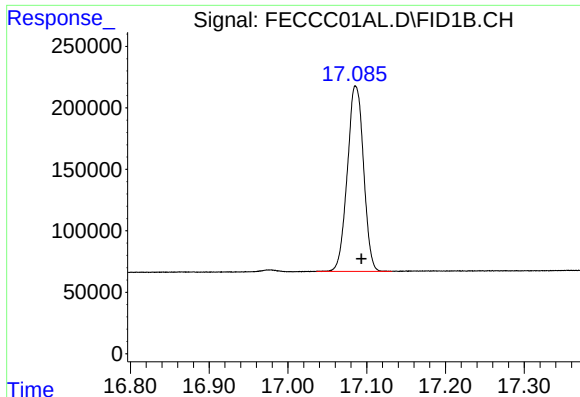
#15 n-Hexacosane (C26)

R.T.: 15.253 min
Delta R.T.: -0.006 min
Response: 2195567
Conc: 18.14 ug/ml



#16 n-Octacosane (C28)

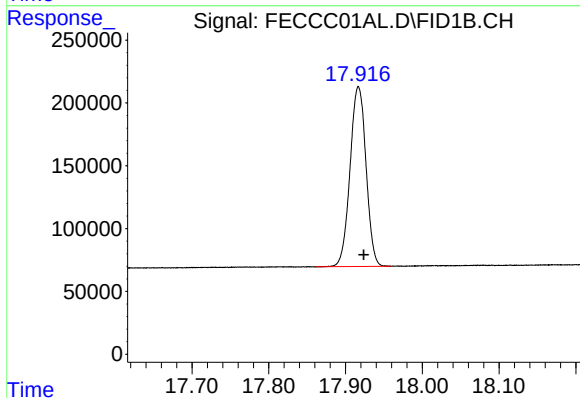
R.T.: 16.201 min
Delta R.T.: -0.005 min
Response: 2184370
Conc: 18.02 ug/ml



#17 n-Tricontane (C30)

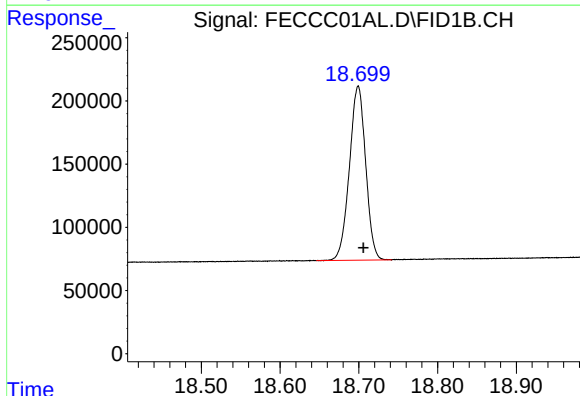
R.T.: 17.086 min
Delta R.T.: -0.007 min
Response: 2154445
Conc: 17.92 ug/ml

Instrument :
FID_E
ClientSampleId :



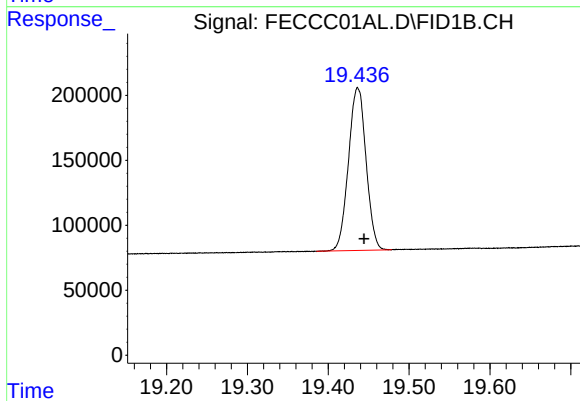
#18 n-Dotriacontane (C32)

R.T.: 17.917 min
Delta R.T.: -0.007 min
Response: 2071576
Conc: 18.03 ug/ml



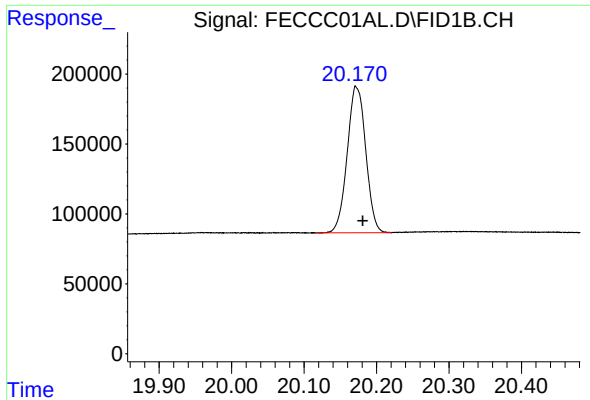
#19 n-Tetratriacontane (C34)

R.T.: 18.699 min
Delta R.T.: -0.007 min
Response: 1975543
Conc: 18.26 ug/ml



#20 n-Hexatriacontane (C36)

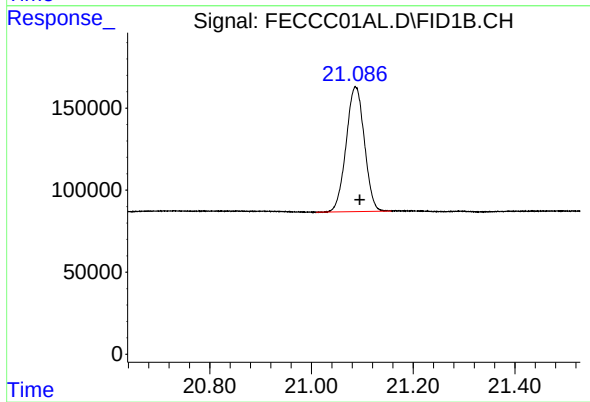
R.T.: 19.437 min
Delta R.T.: -0.008 min
Response: 1893805
Conc: 18.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.172 min
Delta R.T.: -0.009 min
Response: 1858173
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.086 min
Delta R.T.: -0.008 min
Response: 1893395
Conc: 20.27 ug/ml