

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121523AL\
 Data File : FCCCC01.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2023 23:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 02:38:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.500	5177488	22.316 ug/ml
Spiked Amount 50.000		Recovery =	44.63%
12) S 1-chlorooctadecane (S...	12.932	3770672	22.772 ug/ml
Spiked Amount 50.000		Recovery =	45.54%
Target Compounds			
1) T n-Nonane (C9)	3.302	4575531	22.850 ug/ml
2) T n-Decane (C10)	4.360	4657781	23.174 ug/ml
3) T A~Naphthalene (C11.7)	5.940	4801719	23.650 ug/ml
4) T n-Dodecane (C12)	6.369	4672546	22.977 ug/ml
5) T A~2-methylnaphthalene...	6.994	4571860	23.522 ug/ml
6) T n-Tetradecane (C14)	8.158	4505594	22.672 ug/ml
7) T n-Hexadecane (C16)	9.752	4461646	22.523 ug/ml
8) T n-Octadecane (C18)	11.187	4460965	22.523 ug/ml
10) T n-Eicosane (C20)	12.490	4263098	22.528 ug/ml
11) T n-Heneicosane (C21)	13.099	4143850	22.427 ug/ml
13) T n-Docosane (C22)	13.682	4121376	22.845 ug/ml
14) T n-Tetracosane (C24)	14.780	4111311	23.714 ug/ml
15) T n-Hexacosane (C26)	15.797	3984142	23.927 ug/ml
16) T n-Octacosane (C28)	16.743	4007534	25.056 ug/ml
17) T n-Tricontane (C30)	17.626	4219507	26.499 ug/ml
18) T n-Dotriacontane (C32)	18.454	4231027	26.914 ug/ml
19) T n-Tetratriacontane (C34)	19.234	3896224	25.248 ug/ml
20) T n-Hexatriacontane (C36)	19.971	3758059	24.516 ug/ml
21) T n-Octatriacontane (C38)	20.690	3521225	23.157 ug/ml
22) T n-Tetracontane (C40)	21.564	3396678	22.659 ug/ml

(f)=RT Delta > 1/2 Window

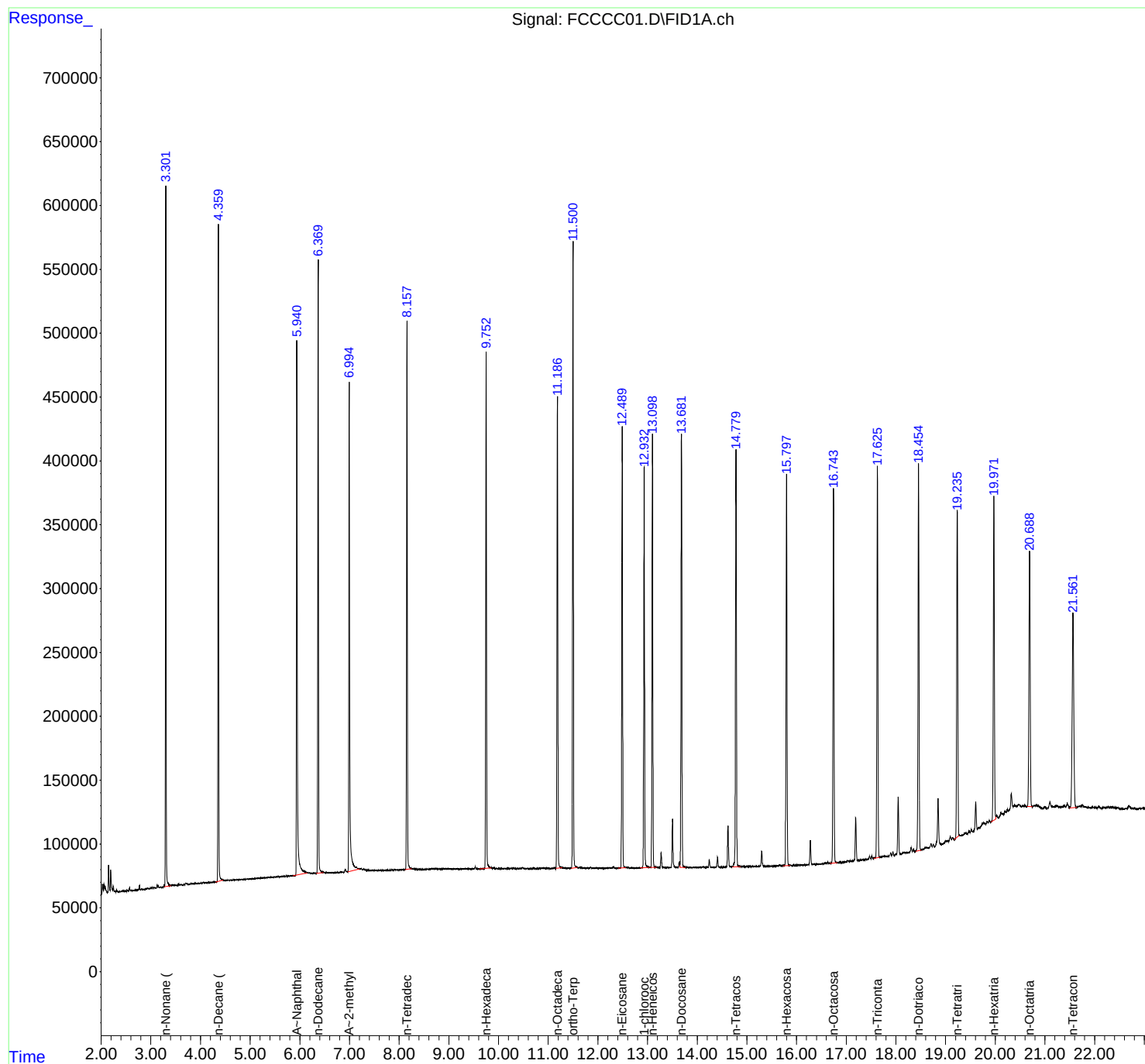
(m)=manual int.

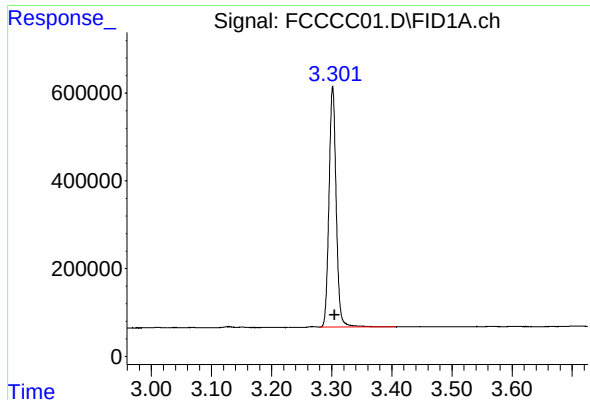
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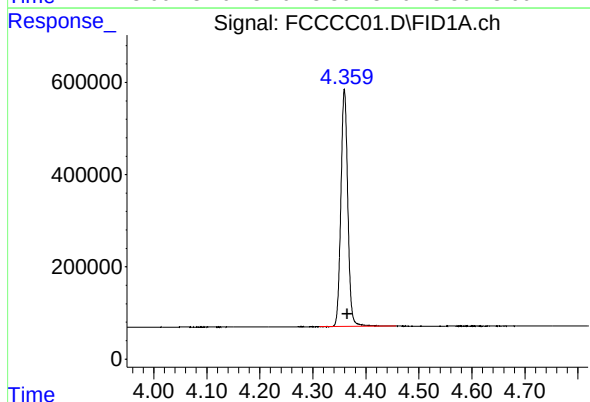




#1 n-Nonane (C9)

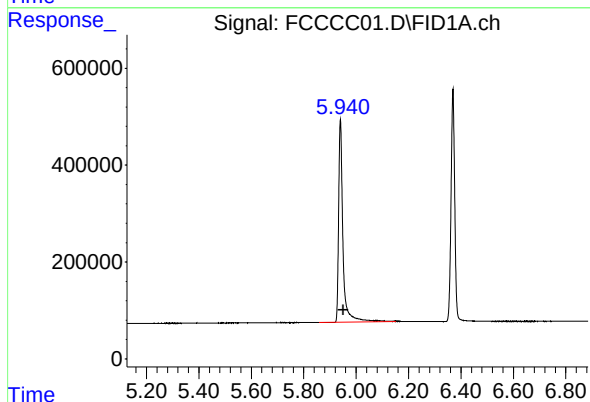
R.T.: 3.302 min
Delta R.T.: -0.003 min
Response: 4575531
Conc: 22.85 ug/ml

Instrument :
FID_C
ClientSampleId :



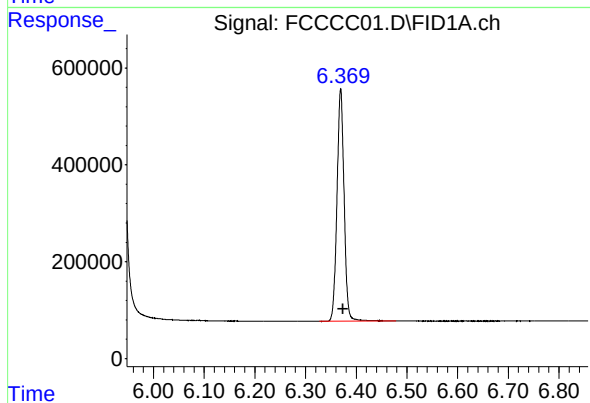
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.005 min
Response: 4657781
Conc: 23.17 ug/ml



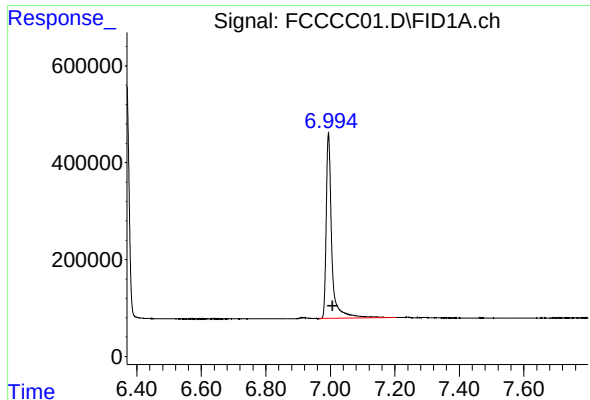
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 4801719
Conc: 23.65 ug/ml



#4 n-Dodecane (C12)

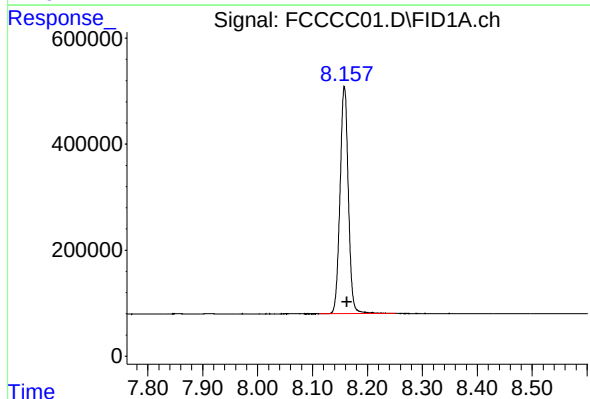
R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 4672546
Conc: 22.98 ug/ml



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

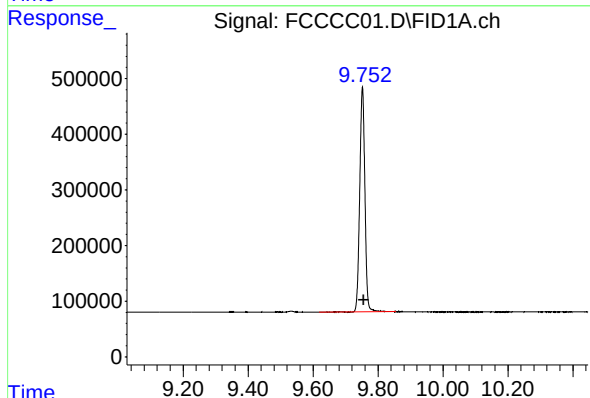
R.T.: 6.994 min
Delta R.T.: -0.012 min
Response: 4571860
Conc: 23.52 ug/ml

Instrument :
FID_C
ClientSampleId :



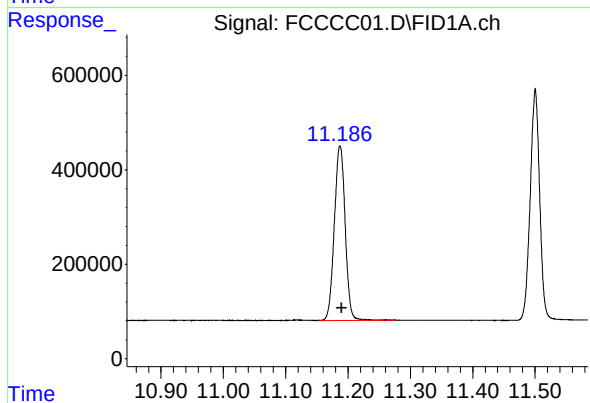
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.004 min
Response: 4505594
Conc: 22.67 ug/ml



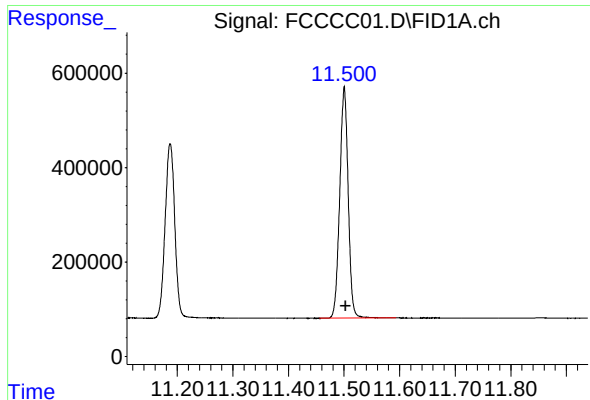
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 4461646
Conc: 22.52 ug/ml



#8 n-Octadecane (C18)

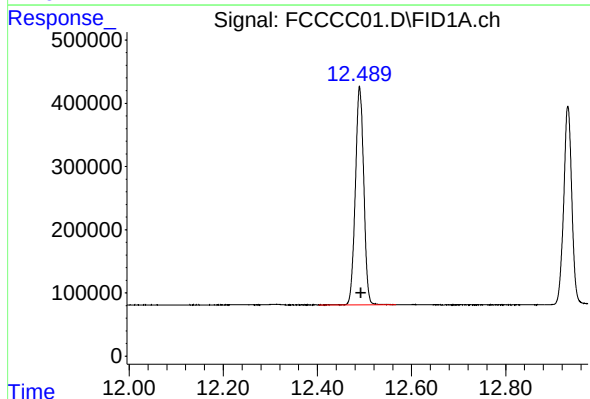
R.T.: 11.187 min
Delta R.T.: -0.003 min
Response: 4460965
Conc: 22.52 ug/ml



#9 ortho-Terphenyl (SURR)

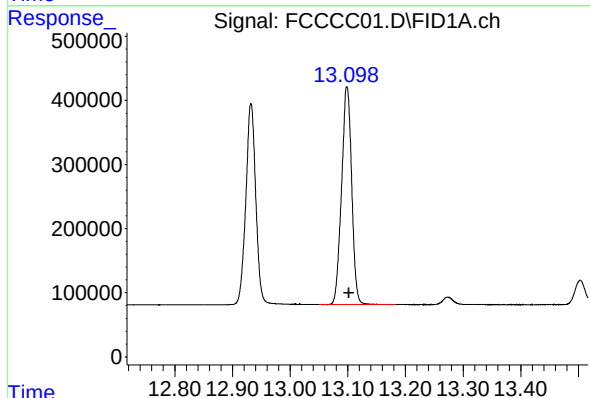
R.T.: 11.500 min
Delta R.T.: -0.003 min
Response: 5177488
Conc: 22.32 ug/ml

Instrument :
FID_C
ClientSampleId :



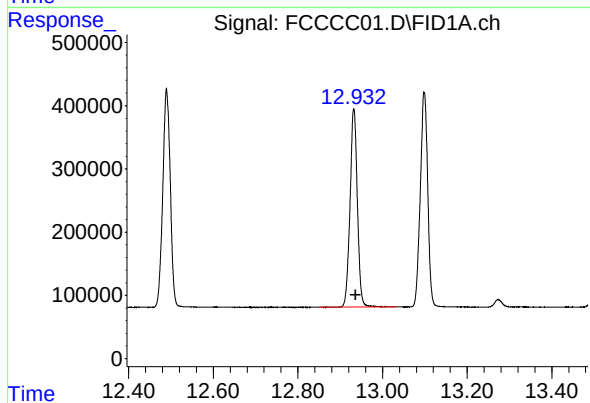
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: -0.003 min
Response: 4263098
Conc: 22.53 ug/ml



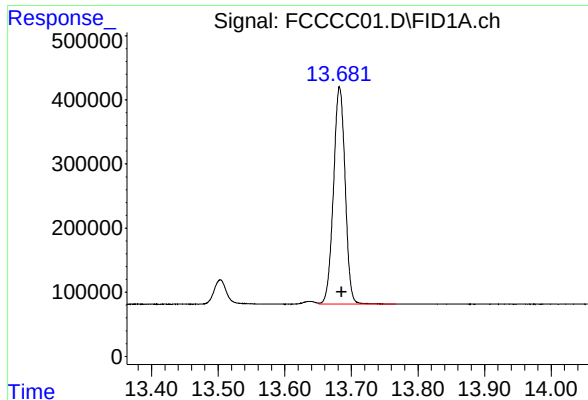
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 4143850
Conc: 22.43 ug/ml



#12 1-chlorooctadecane (SURR)

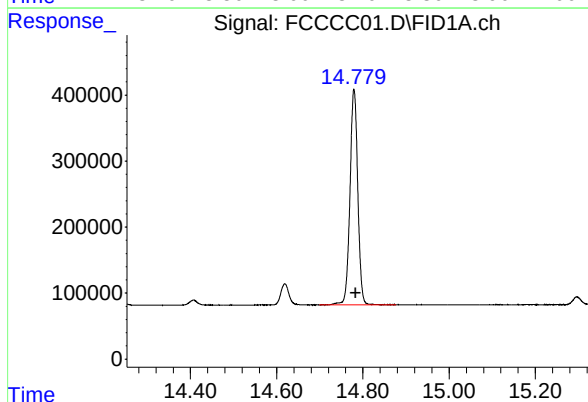
R.T.: 12.932 min
Delta R.T.: -0.004 min
Response: 3770672
Conc: 22.77 ug/ml



#13 n-Docosane (C22)

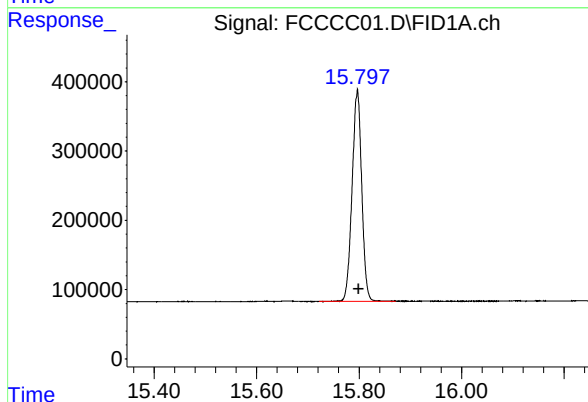
R.T.: 13.682 min
Delta R.T.: -0.003 min
Response: 4121376
Conc: 22.84 ug/ml

Instrument :
FID_C
ClientSampleId :



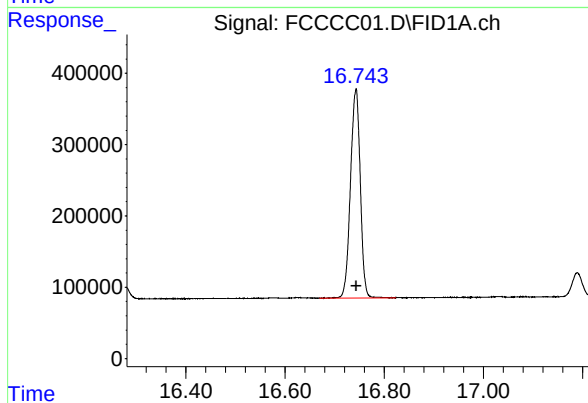
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: -0.003 min
Response: 4111311
Conc: 23.71 ug/ml



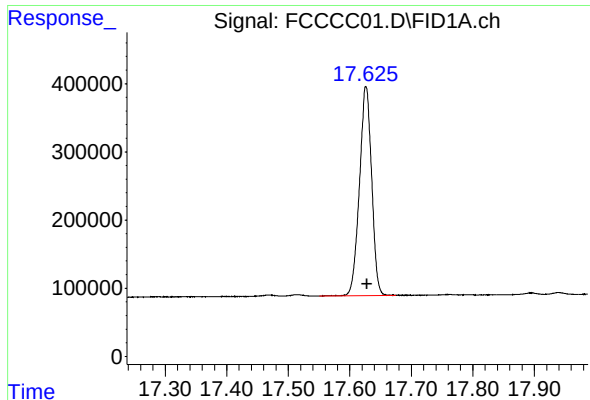
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.002 min
Response: 3984142
Conc: 23.93 ug/ml



#16 n-Octacosane (C28)

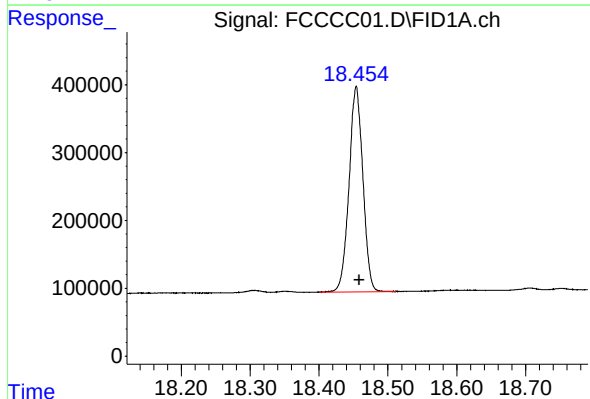
R.T.: 16.743 min
Delta R.T.: 0.000 min
Response: 4007534
Conc: 25.06 ug/ml



#17 n-Tricontane (C30)

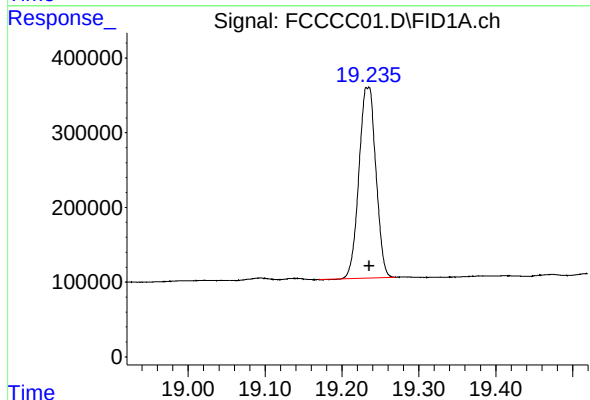
R.T.: 17.626 min
Delta R.T.: -0.002 min
Response: 4219507
Conc: 26.50 ug/ml

Instrument :
FID_C
ClientSampleId :



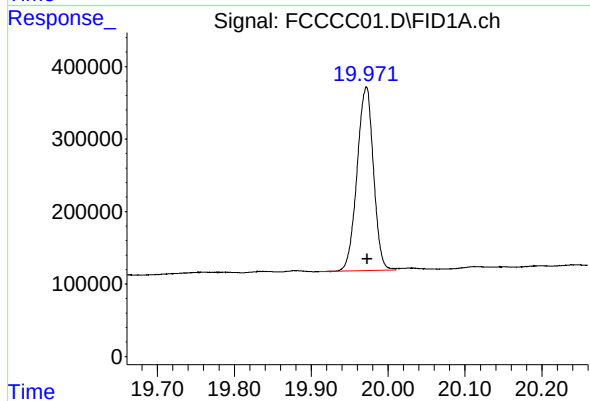
#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: -0.004 min
Response: 4231027
Conc: 26.91 ug/ml



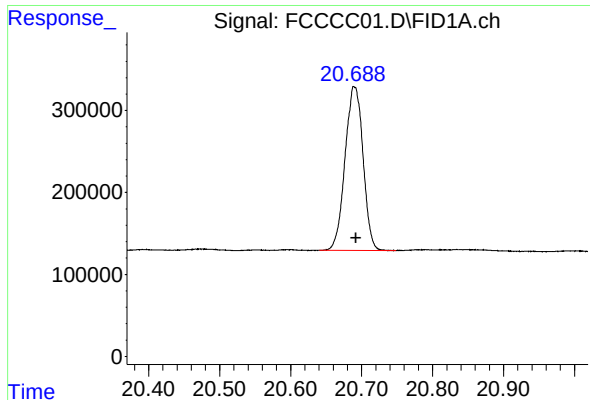
#19 n-Tetratriacontane (C34)

R.T.: 19.234 min
Delta R.T.: -0.001 min
Response: 3896224
Conc: 25.25 ug/ml



#20 n-Hexatriacontane (C36)

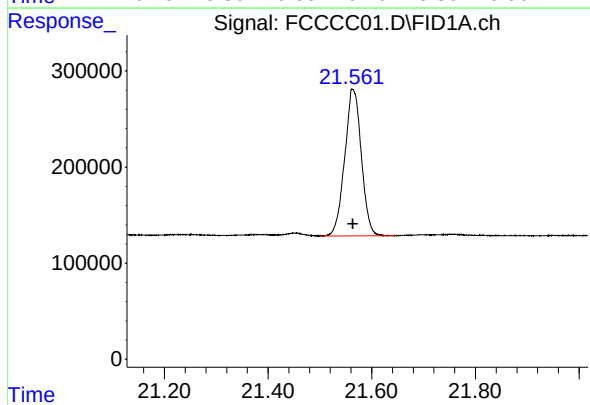
R.T.: 19.971 min
Delta R.T.: -0.002 min
Response: 3758059
Conc: 24.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: -0.002 min
Response: 3521225
Conc: 23.16 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.564 min
Delta R.T.: 0.000 min
Response: 3396678
Conc: 22.66 ug/ml