

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053023AL\
 Data File : FECCC01.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2023 01:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 31 01:54:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.954	3933135	22.274 ug/ml
Spiked Amount 50.000		Recovery =	44.55%
12) S 1-chlorooctadecane (S...	13.389	2868593	21.588 ug/ml
Spiked Amount 50.000		Recovery =	43.18%
Target Compounds			
1) T n-Nonane (C9)	3.337	3304801	22.919 ug/ml
2) T n-Decane (C10)	4.588	3411255	23.043 ug/ml
3) T A~Naphthalene (C11.7)	6.294	3730221	22.862 ug/ml
4) T n-Dodecane (C12)	6.755	3447677	22.992 ug/ml
5) T A~2-methylnaphthalene...	7.391	3584192	22.584 ug/ml
6) T n-Tetradecane (C14)	8.584	3396775	22.674 ug/ml
7) T n-Hexadecane (C16)	10.191	3496741	22.448 ug/ml
8) T n-Octadecane (C18)	11.635	3507778	22.182 ug/ml
10) T n-Eicosane (C20)	12.944	3337789	22.020 ug/ml
11) T n-Heneicosane (C21)	13.556	3248425	21.926 ug/ml
13) T n-Docosane (C22)	14.142	3198326	21.817 ug/ml
14) T n-Tetracosane (C24)	15.244	3116261	21.587 ug/ml
15) T n-Hexacosane (C26)	16.266	3004402	21.693 ug/ml
16) T n-Octacosane (C28)	17.215	2913357	21.760 ug/ml
17) T n-Tricontane (C30)	18.103	2982799	22.096 ug/ml
18) T n-Dotriacontane (C32)	18.935	2950105	22.083 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2864571	21.782 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2786246	21.437 ug/ml
21) T n-Octatriacontane (C38)	21.206	2837102	20.911 ug/ml
22) T n-Tetracontane (C40)	22.138	2915610	20.958 ug/ml

(f)=RT Delta > 1/2 Window

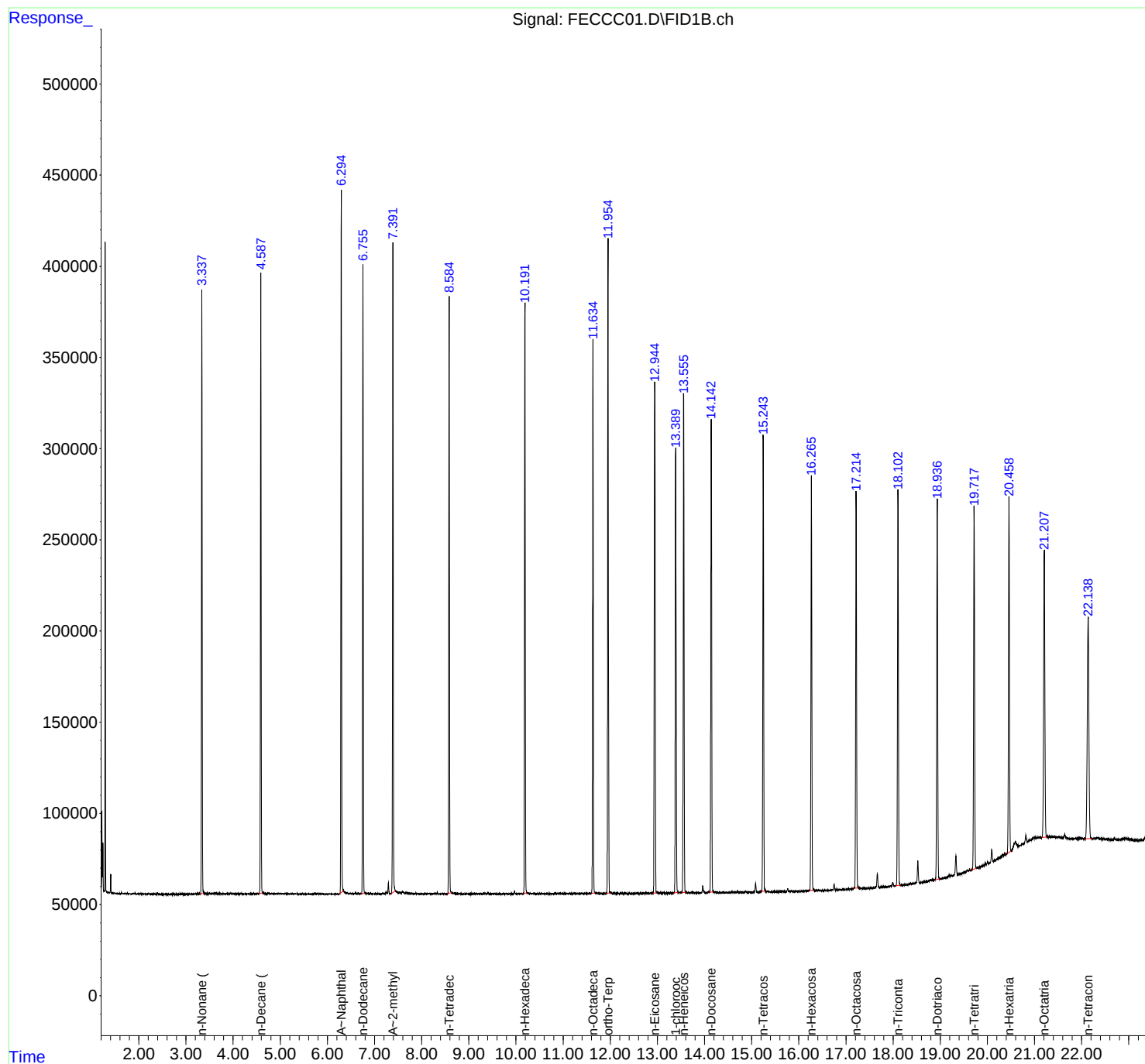
(m)=manual int.

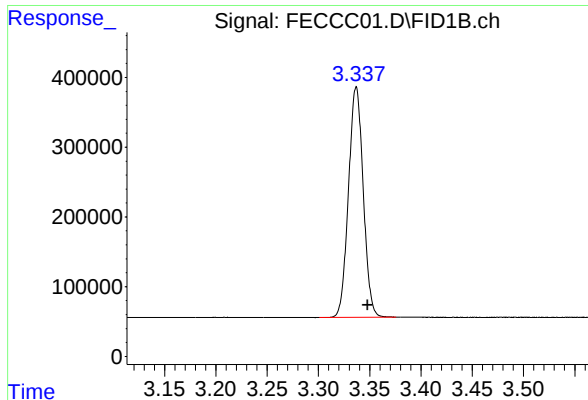
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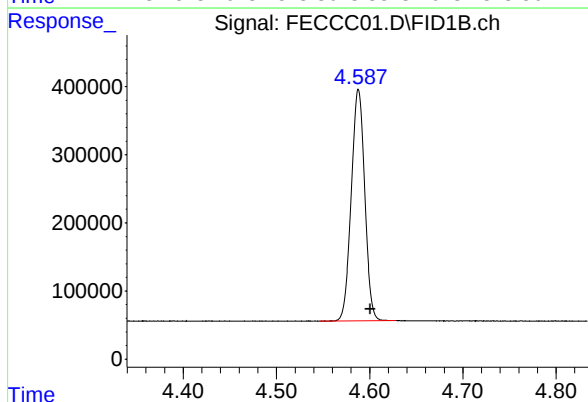




#1 n-Nonane (C9)

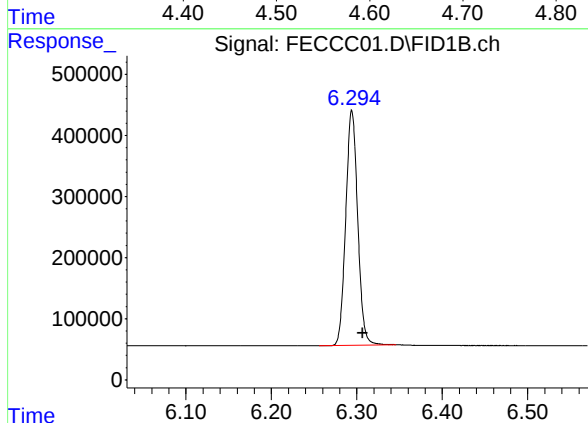
R.T.: 3.337 min
Delta R.T.: -0.011 min
Response: 3304801
Conc: 22.92 ug/ml

Instrument :
FID_E
ClientSampleId :



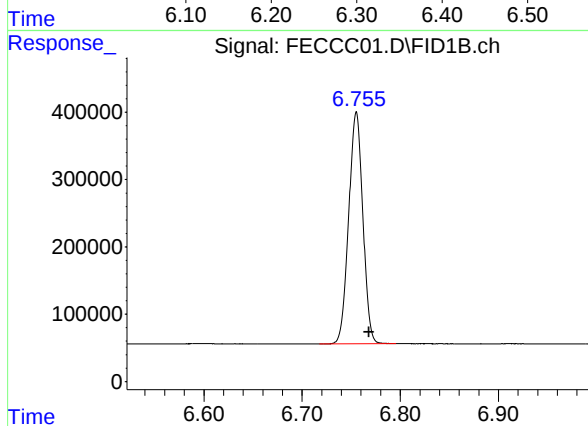
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.013 min
Response: 3411255
Conc: 23.04 ug/ml



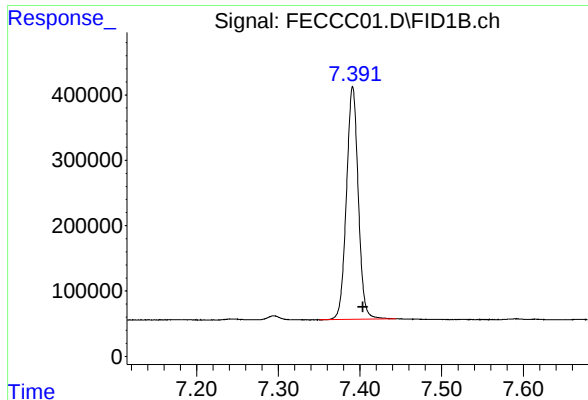
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: -0.013 min
Response: 3730221
Conc: 22.86 ug/ml



#4 n-Dodecane (C12)

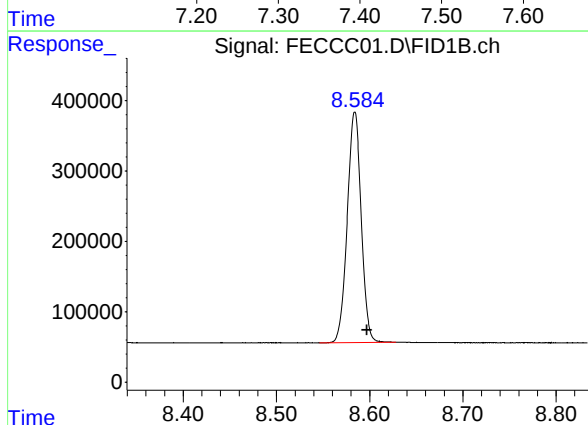
R.T.: 6.755 min
Delta R.T.: -0.013 min
Response: 3447677
Conc: 22.99 ug/ml



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

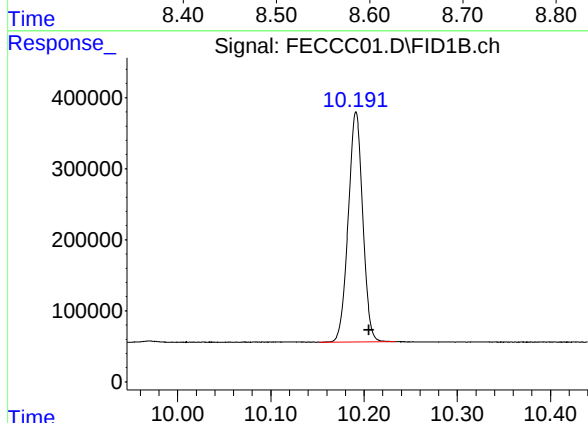
R.T.: 7.391 min
Delta R.T.: -0.013 min
Response: 3584192
Conc: 22.58 ug/ml

Instrument :
FID_E
ClientSampleId :



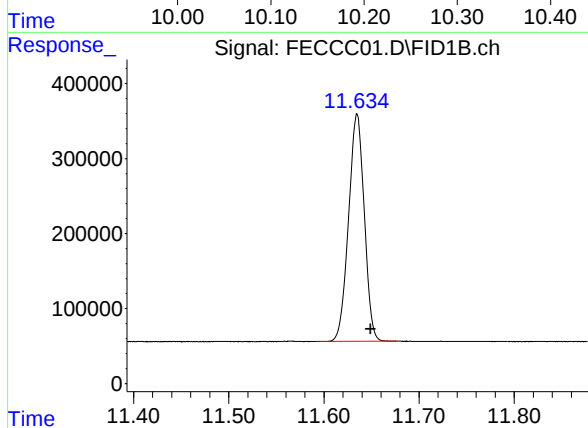
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.013 min
Response: 3396775
Conc: 22.67 ug/ml



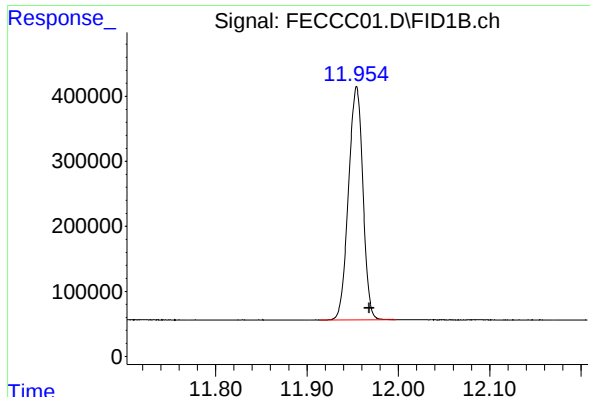
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.014 min
Response: 3496741
Conc: 22.45 ug/ml



#8 n-Octadecane (C18)

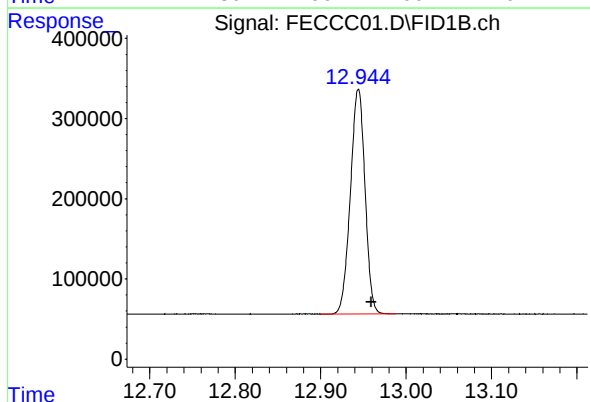
R.T.: 11.635 min
Delta R.T.: -0.014 min
Response: 3507778
Conc: 22.18 ug/ml



#9 ortho-Terphenyl (SURR)

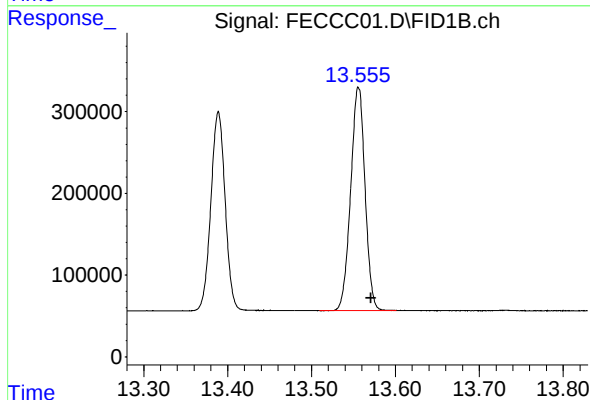
R.T.: 11.954 min
Delta R.T.: -0.014 min
Response: 3933135
Conc: 22.27 ug/ml

Instrument :
FID_E
ClientSampleId :



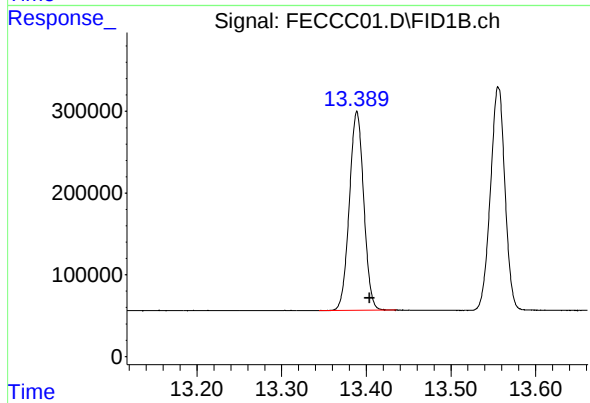
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.015 min
Response: 3337789
Conc: 22.02 ug/ml



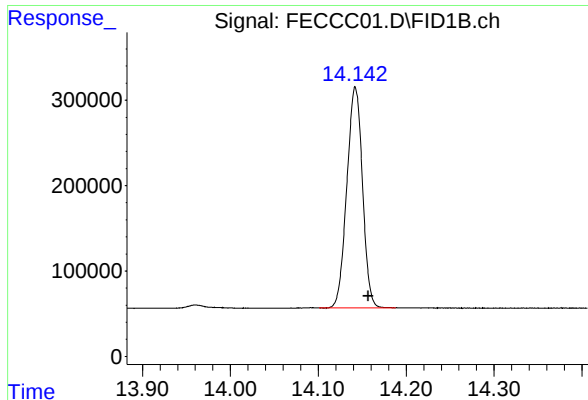
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.015 min
Response: 3248425
Conc: 21.93 ug/ml



#12 1-chlorooctadecane (SURR)

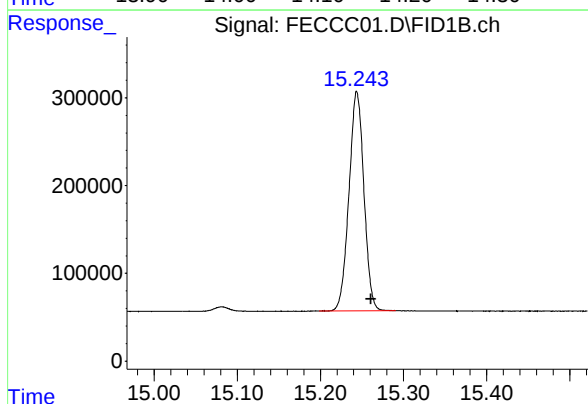
R.T.: 13.389 min
Delta R.T.: -0.015 min
Response: 2868593
Conc: 21.59 ug/ml



#13 n-Docosane (C22)

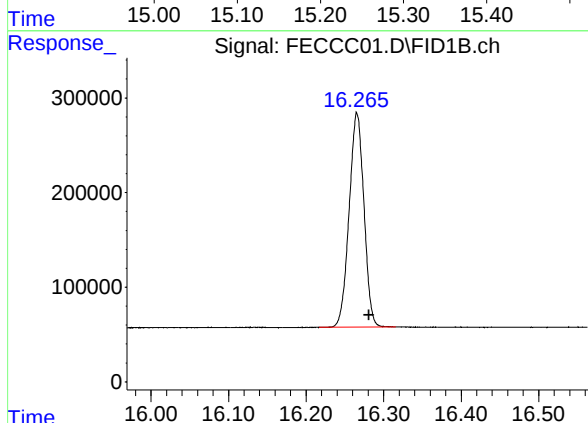
R.T.: 14.142 min
Delta R.T.: -0.015 min
Response: 3198326
Conc: 21.82 ug/ml

Instrument :
FID_E
ClientSampleId :



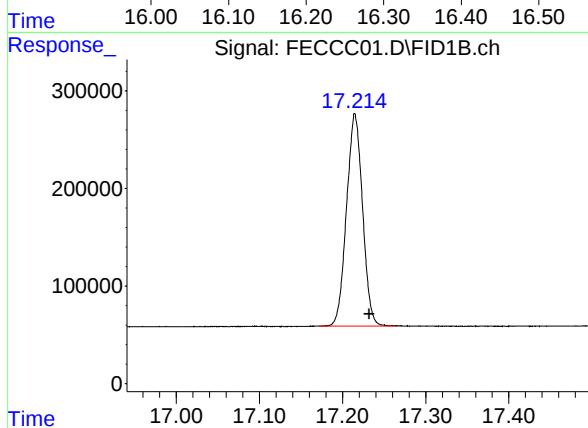
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.017 min
Response: 3116261
Conc: 21.59 ug/ml



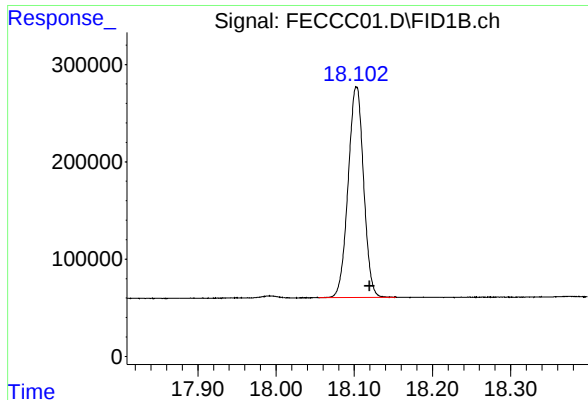
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.015 min
Response: 3004402
Conc: 21.69 ug/ml



#16 n-Octacosane (C28)

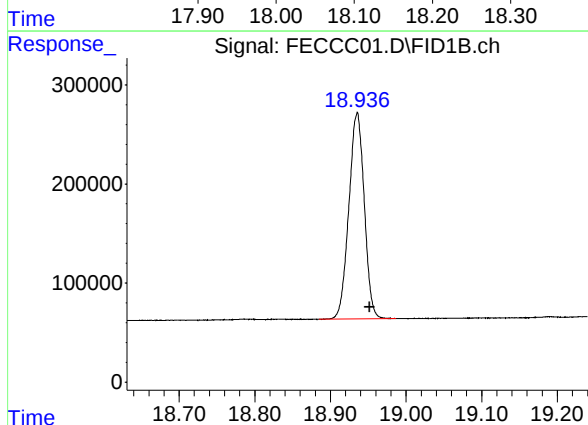
R.T.: 17.215 min
Delta R.T.: -0.017 min
Response: 2913357
Conc: 21.76 ug/ml



#17 n-Tricontane (C30)

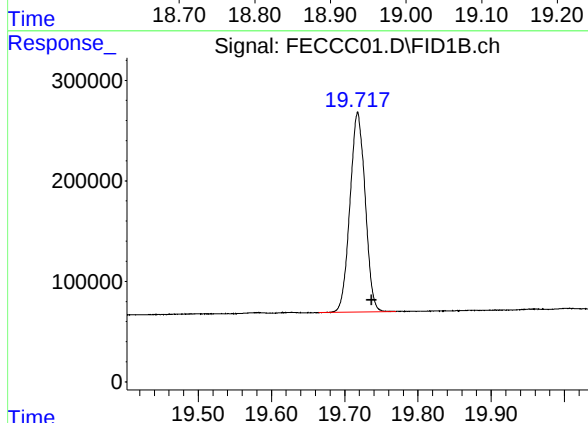
R.T.: 18.103 min
Delta R.T.: -0.017 min
Response: 2982799
Conc: 22.10 ug/ml

Instrument :
FID_E
ClientSampleId :



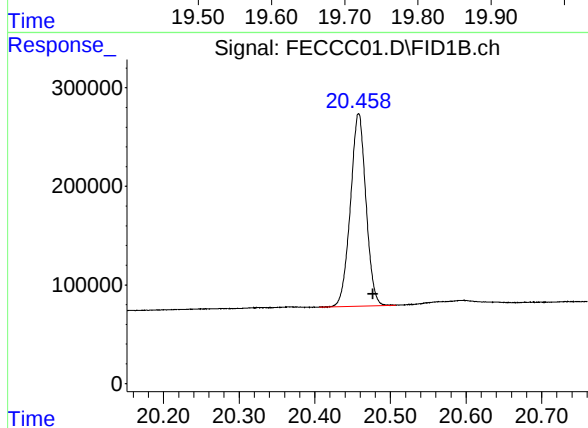
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.017 min
Response: 2950105
Conc: 22.08 ug/ml



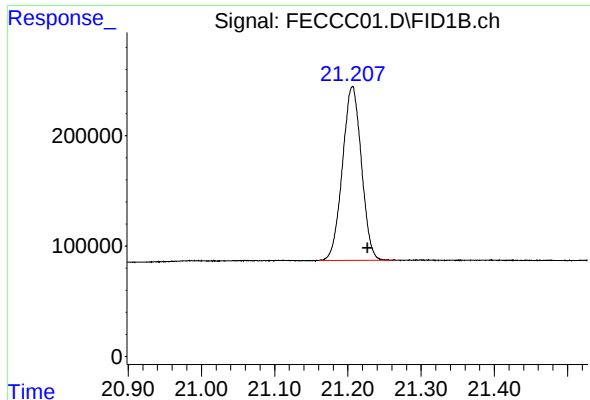
#19 n-Tetatriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.019 min
Response: 2864571
Conc: 21.78 ug/ml



#20 n-Hexatriacontane (C36)

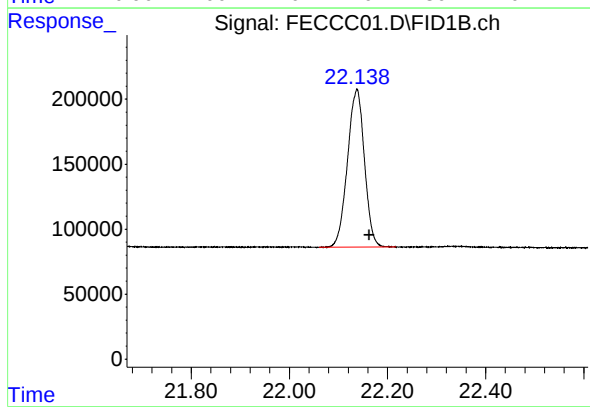
R.T.: 20.458 min
Delta R.T.: -0.019 min
Response: 2786246
Conc: 21.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.021 min
Response: 2837102
Conc: 20.91 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.025 min
Response: 2915610
Conc: 20.96 ug/ml