

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020425AL\
 Data File : FFCCC01.D
 Signal(s) : FID2B.ch
 Acq On : 04 Feb 2025 13:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 05 02:08:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 2025
 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)	11.936	3196238	20.103 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.373	2436147	19.541 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.318	2837957	21.619 ug/ml
2) T n-Decane (C10)	4.571	2946608	22.029 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3146360	21.633 ug/ml
4) T n-Dodecane (C12)	6.737	3008928	22.314 ug/ml
5) T A~2-methylnaphthalene...	7.371	3016805	21.440 ug/ml
6) T n-Tetradecane (C14)	8.564	3003807	22.232 ug/ml
7) T n-Hexadecane (C16)	10.172	3098397	21.866 ug/ml
8) T n-Octadecane (C18)	11.616	3090455	21.103 ug/ml
10) T n-Eicosane (C20)	12.928	2917257	20.234 ug/ml
11) T n-Heneicosane (C21)	13.540	2826360	19.800 ug/ml
13) T n-Docosane (C22)	14.128	2794840	19.498 ug/ml
14) T n-Tetracosane (C24)	15.233	2758409	19.015 ug/ml
15) T n-Hexacosane (C26)	16.256	2683912	18.886 ug/ml
16) T n-Octacosane (C28)	17.208	2698547	19.393 ug/ml
17) T n-Tricontane (C30)	18.097	2864200	20.565 ug/ml
18) T n-Dotriacontane (C32)	18.932	2833541	21.724 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2453587	22.570 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2110649	23.997 ug/ml
21) T n-Octatriacontane (C38)	21.199	2043365	24.795 ug/ml
22) T n-Tetracontane (C40)	22.119	2008962	25.321 ug/ml

(f)=RT Delta > 1/2 Window

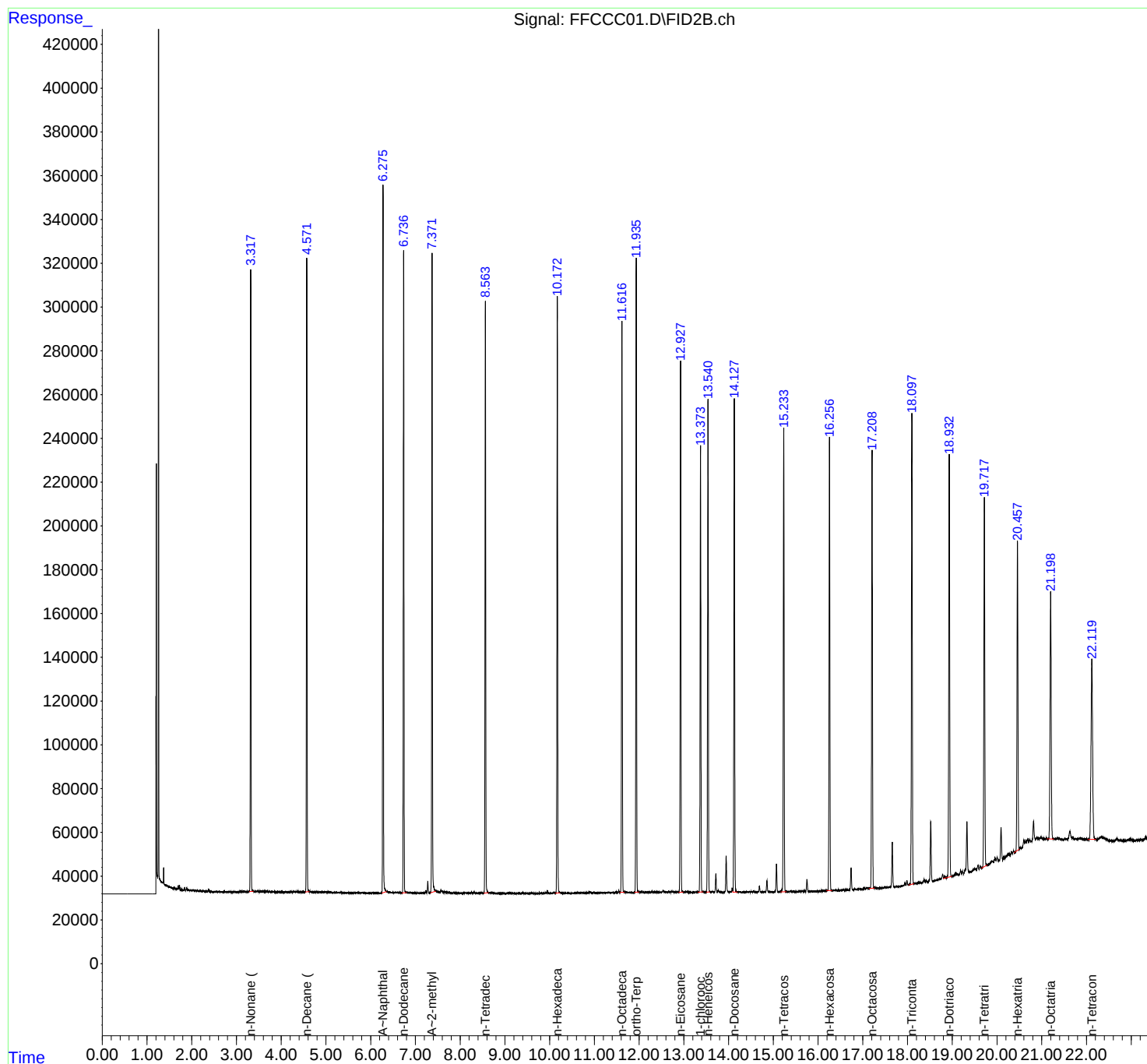
(m)=manual int.

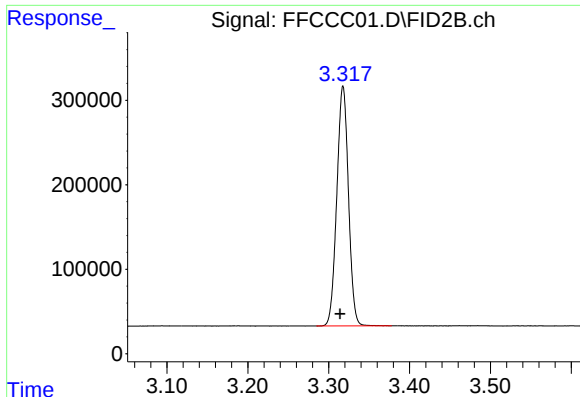
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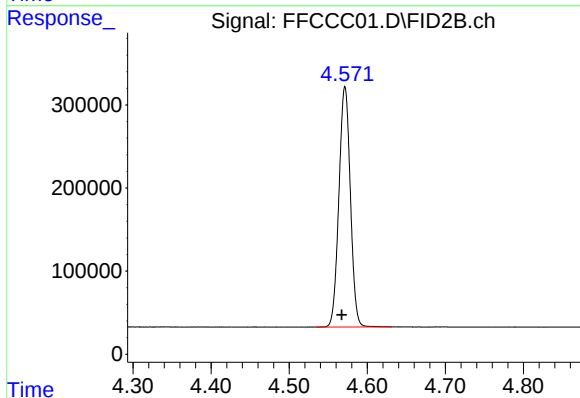




#1 n-Nonane (C9)

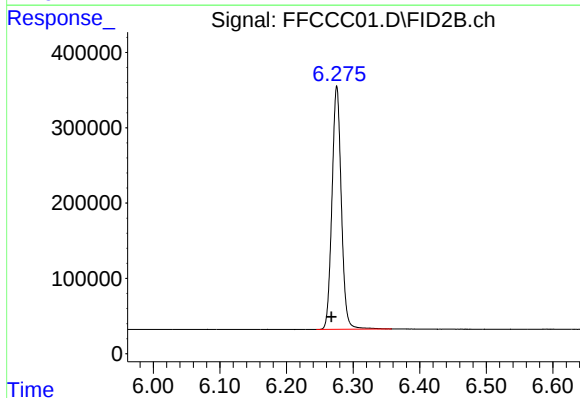
R.T.: 3.318 min
Delta R.T.: 0.004 min
Response: 2837957
Conc: 21.62 ug/ml

Instrument :
FID_F
ClientSampleId :



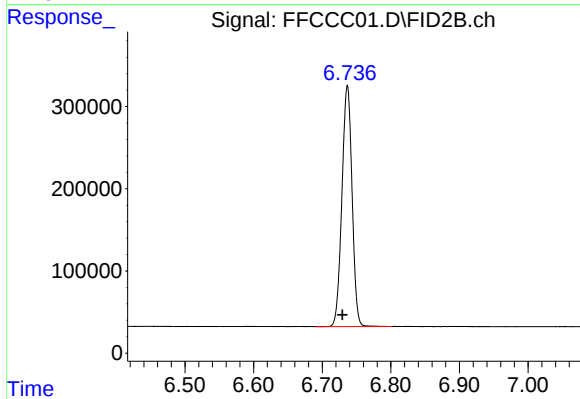
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.004 min
Response: 2946608
Conc: 22.03 ug/ml



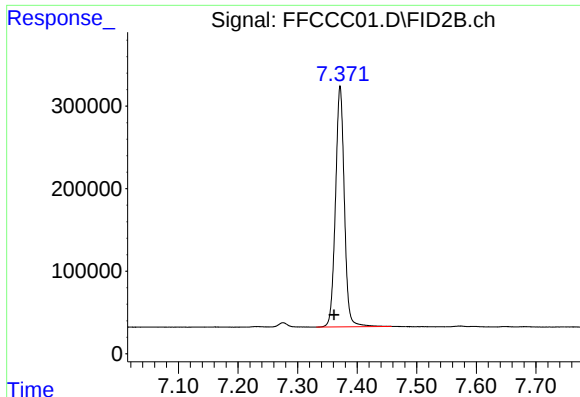
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.008 min
Response: 3146360
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

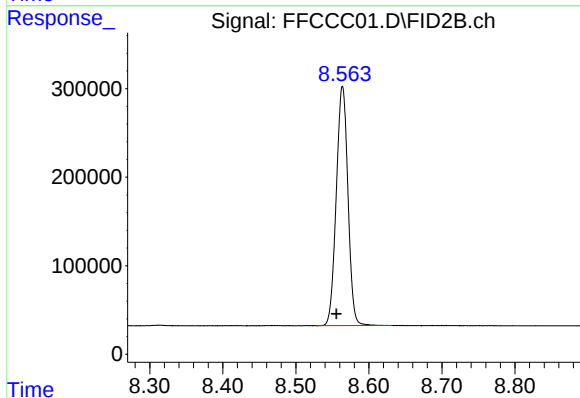
R.T.: 6.737 min
Delta R.T.: 0.007 min
Response: 3008928
Conc: 22.31 ug/ml



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

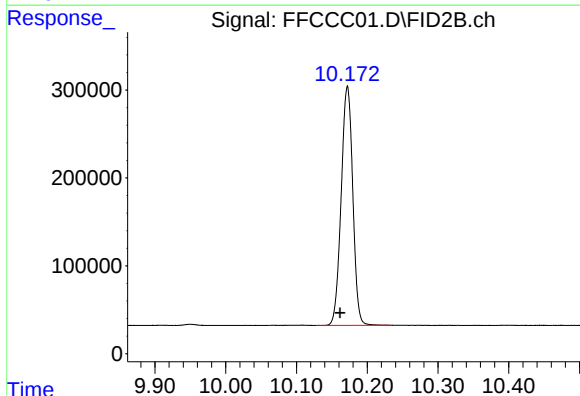
R.T.: 7.371 min
Delta R.T.: 0.010 min
Response: 3016805
Conc: 21.44 ug/ml

Instrument :
FID_F
ClientSampleId :



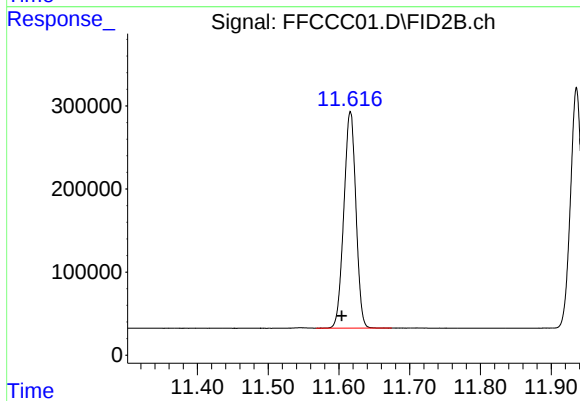
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.009 min
Response: 3003807
Conc: 22.23 ug/ml



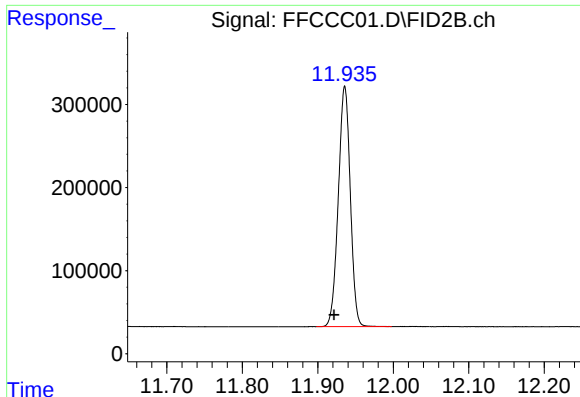
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.011 min
Response: 3098397
Conc: 21.87 ug/ml



#8 n-Octadecane (C18)

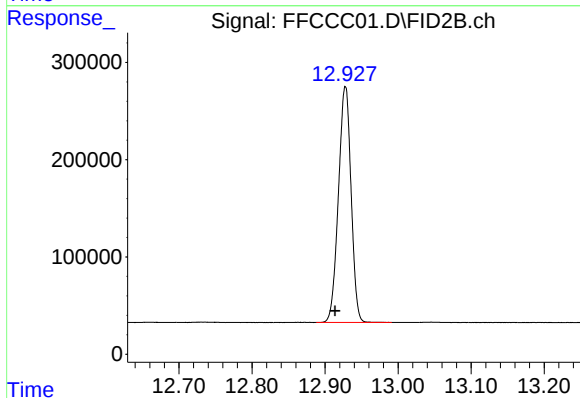
R.T.: 11.616 min
Delta R.T.: 0.012 min
Response: 3090455
Conc: 21.10 ug/ml



#9 ortho-Terphenyl (SURR)

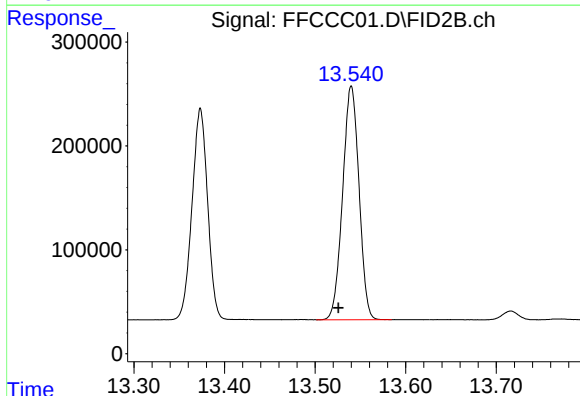
R.T.: 11.936 min
Delta R.T.: 0.014 min
Response: 3196238
Conc: 20.10 ug/ml

Instrument :
FID_F
ClientSampleId :



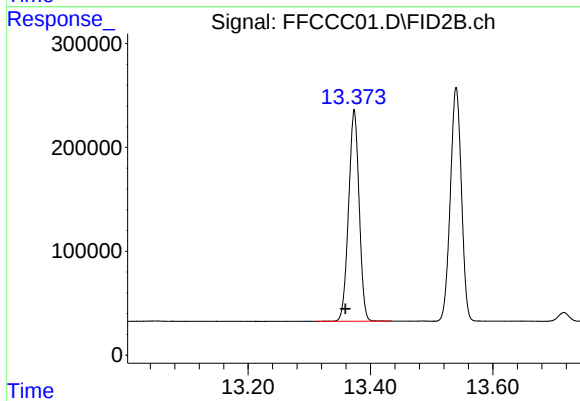
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: 0.014 min
Response: 2917257
Conc: 20.23 ug/ml



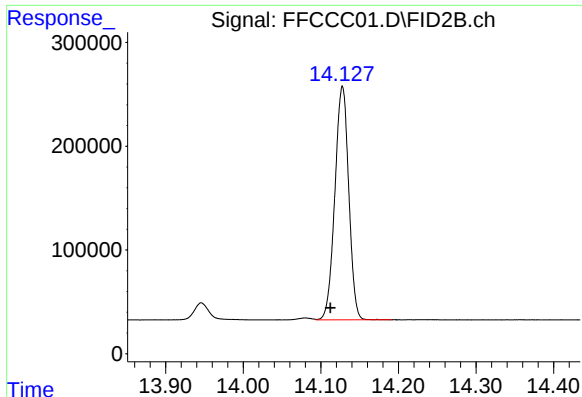
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: 0.014 min
Response: 2826360
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

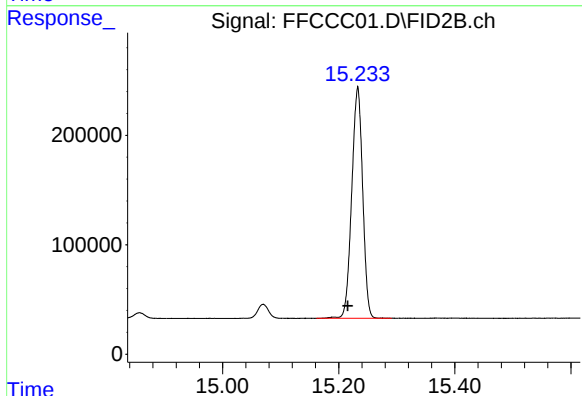
R.T.: 13.373 min
Delta R.T.: 0.014 min
Response: 2436147
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

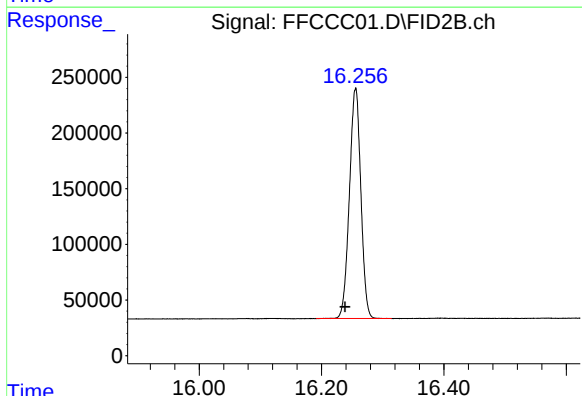
R.T.: 14.128 min
Delta R.T.: 0.015 min
Response: 2794840
Conc: 19.50 ug/ml

Instrument :
FID_F
ClientSampleId :



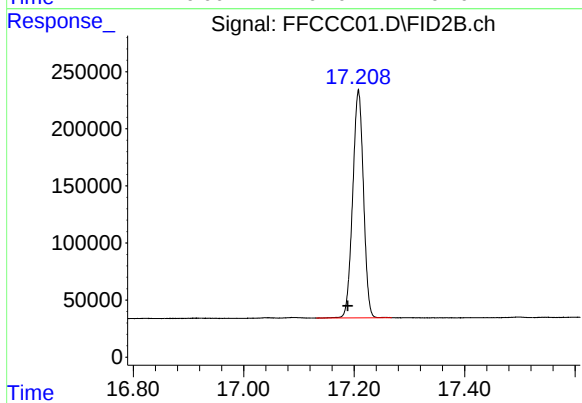
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: 0.017 min
Response: 2758409
Conc: 19.02 ug/ml



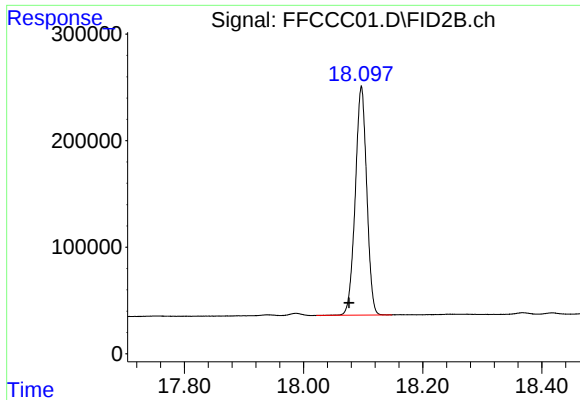
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.017 min
Response: 2683912
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

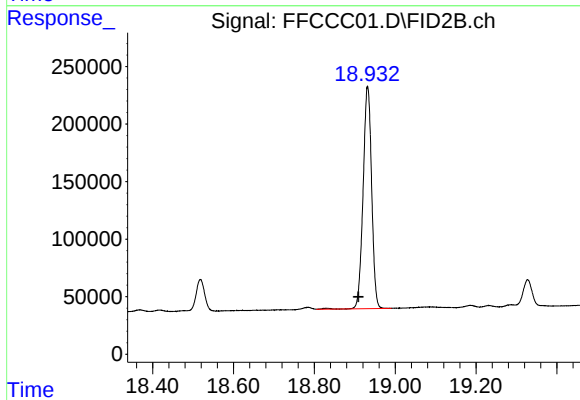
R.T.: 17.208 min
Delta R.T.: 0.019 min
Response: 2698547
Conc: 19.39 ug/ml



#17 n-Tricontane (C30)

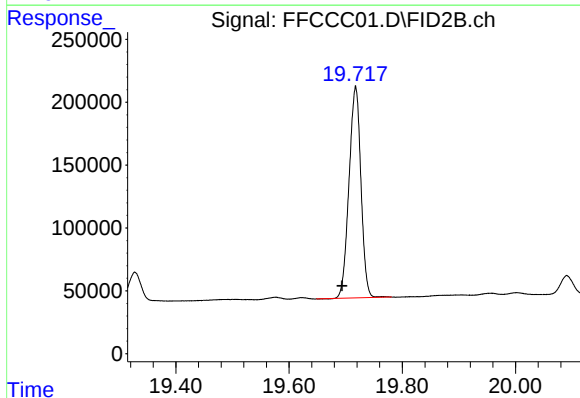
R.T.: 18.097 min
Delta R.T.: 0.021 min
Response: 2864200
Conc: 20.57 ug/ml

Instrument :
FID_F
ClientSampleId :



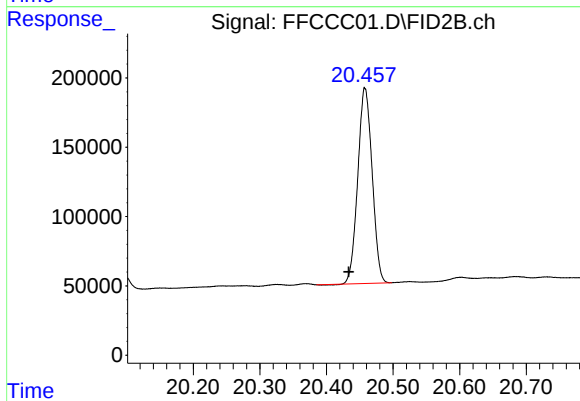
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.023 min
Response: 2833541
Conc: 21.72 ug/ml



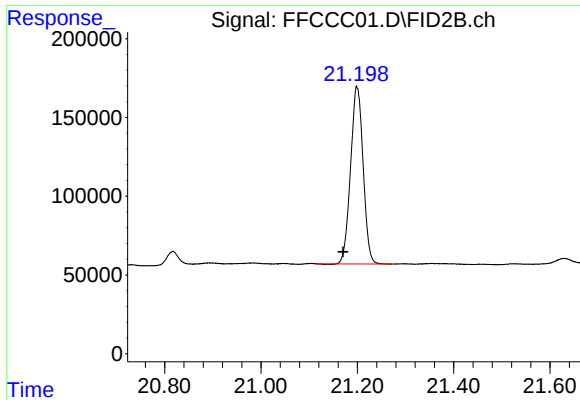
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.024 min
Response: 2453587
Conc: 22.57 ug/ml



#20 n-Hexatriacontane (C36)

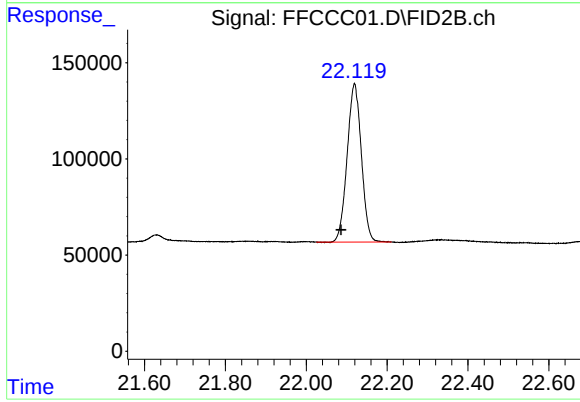
R.T.: 20.458 min
Delta R.T.: 0.025 min
Response: 2110649
Conc: 24.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.029 min
Response: 2043365
Conc: 24.79 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: 0.033 min
Response: 2008962
Conc: 25.32 ug/ml