

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020425AL\
 Data File : FFCCC02.D
 Signal(s) : FID2B.ch
 Acq On : 04 Feb 2025 14:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 05 02:08:25 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)	11.935	3157399	19.859 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	13.373	2402027	19.268 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
Target Compounds			
1) T n-Nonane (C9)	3.317	2837675	21.617 ug/ml
2) T n-Decane (C10)	4.572	2939585	21.976 ug/ml
3) T A~Naphthalene (C11.7)	6.275	3132447	21.538 ug/ml
4) T n-Dodecane (C12)	6.736	2985145	22.137 ug/ml
5) T A~2-methylnaphthalene...	7.371	2993660	21.275 ug/ml
6) T n-Tetradecane (C14)	8.564	2972529	22.001 ug/ml
7) T n-Hexadecane (C16)	10.172	3063043	21.617 ug/ml
8) T n-Octadecane (C18)	11.615	3065811	20.935 ug/ml
10) T n-Eicosane (C20)	12.927	2870958	19.912 ug/ml
11) T n-Heneicosane (C21)	13.540	2786076	19.518 ug/ml
13) T n-Docosane (C22)	14.128	2728220	19.034 ug/ml
14) T n-Tetracosane (C24)	15.233	2651236	18.276 ug/ml
15) T n-Hexacosane (C26)	16.256	2557328	17.995 ug/ml
16) T n-Octacosane (C28)	17.207	2531102	18.190 ug/ml
17) T n-Tricontane (C30)	18.097	2623829	18.840 ug/ml
18) T n-Dotriacontane (C32)	18.930	2567593	19.685 ug/ml
19) T n-Tetratriacontane (C34)	19.716	2251823	20.714 ug/ml
20) T n-Hexatriacontane (C36)	20.458	1997567	22.711 ug/ml
21) T n-Octatriacontane (C38)	21.199	1964409	23.837 ug/ml
22) T n-Tetracontane (C40)	22.119	1972421	24.860 ug/ml

(f)=RT Delta > 1/2 Window

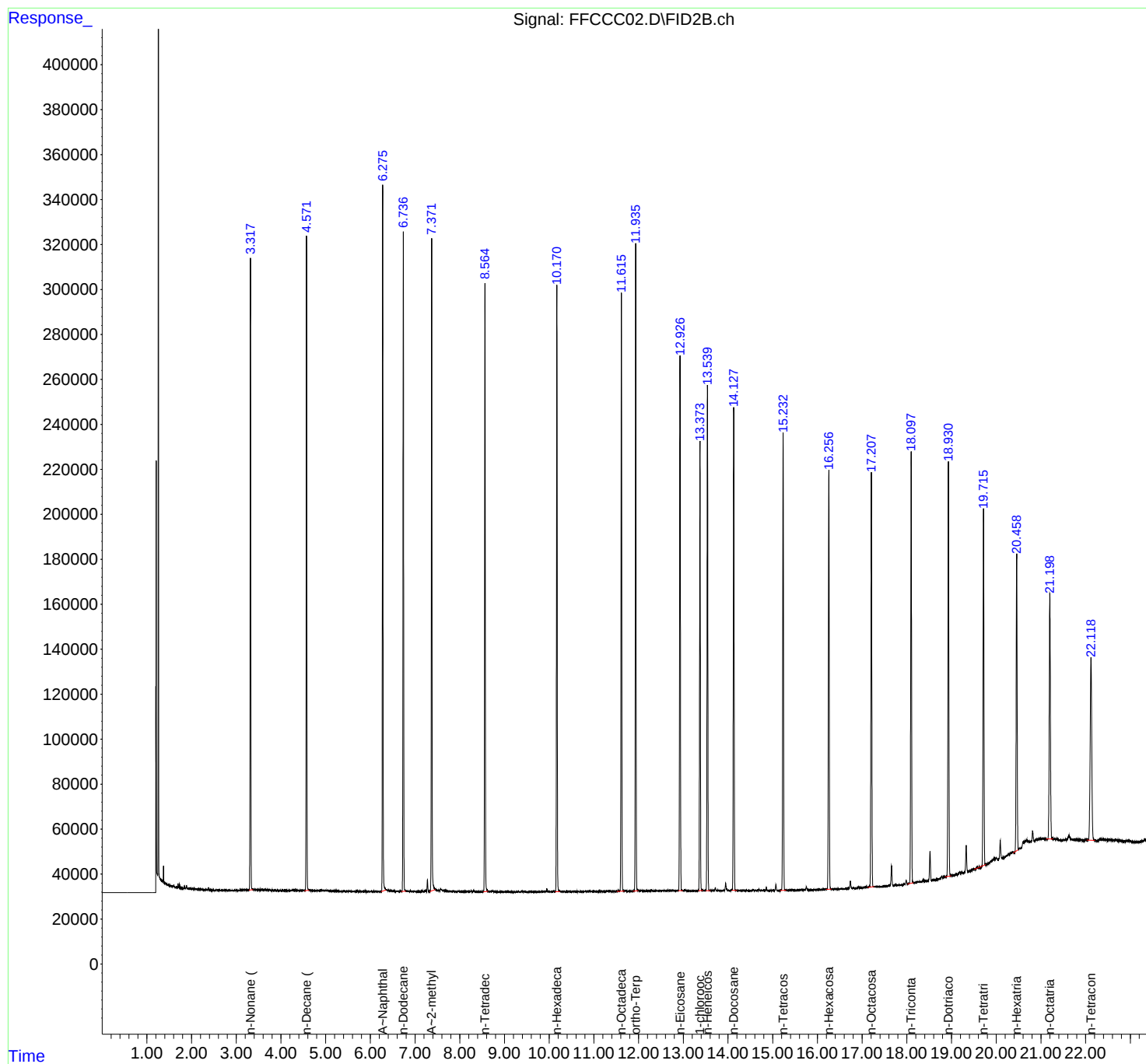
(m)=manual int.

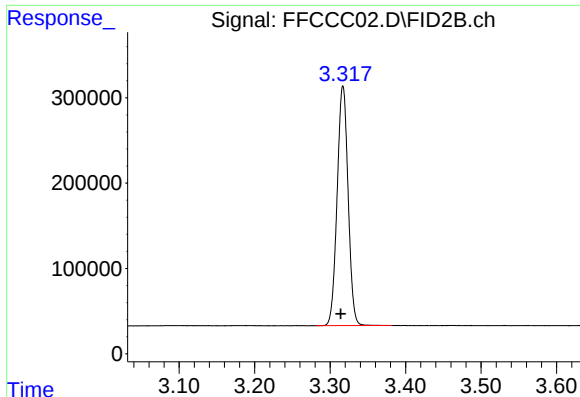
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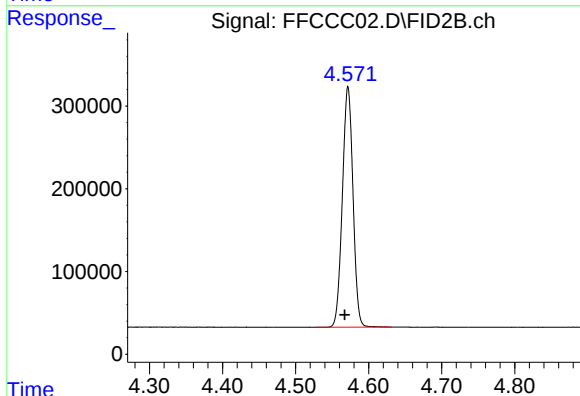




#1 n-Nonane (C9)

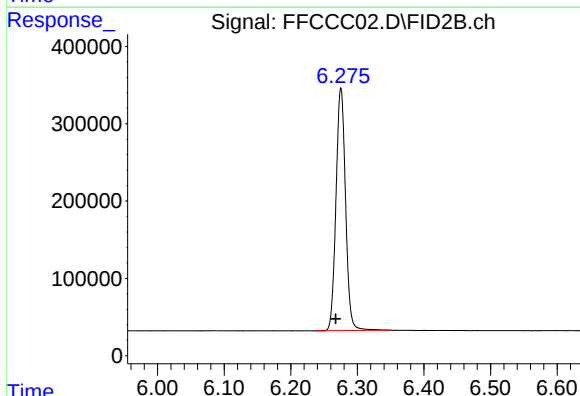
R.T.: 3.317 min
Delta R.T.: 0.003 min
Response: 2837675
Conc: 21.62 ug/ml

Instrument :
FID_F
ClientSampleId :



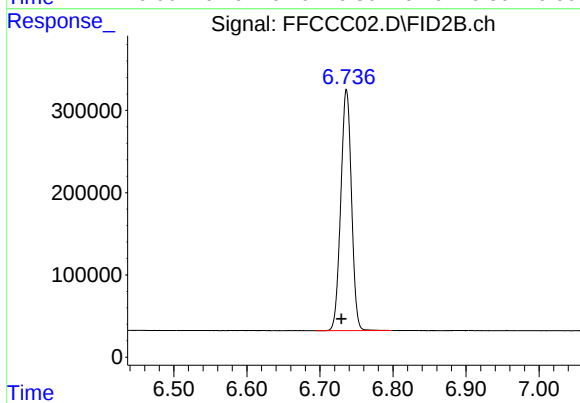
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.004 min
Response: 2939585
Conc: 21.98 ug/ml



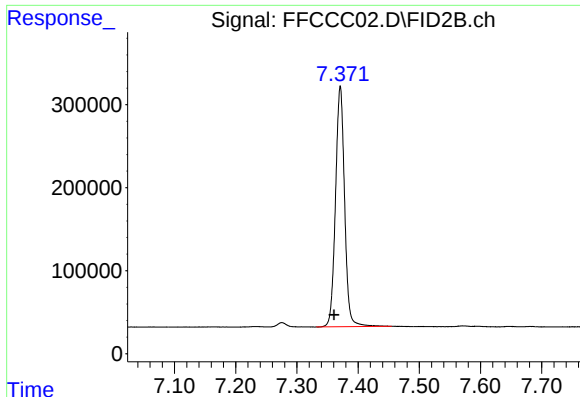
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.008 min
Response: 3132447
Conc: 21.54 ug/ml



#4 n-Dodecane (C12)

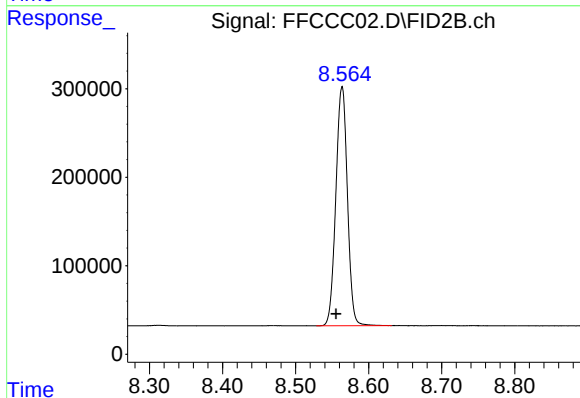
R.T.: 6.736 min
Delta R.T.: 0.007 min
Response: 2985145
Conc: 22.14 ug/ml



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

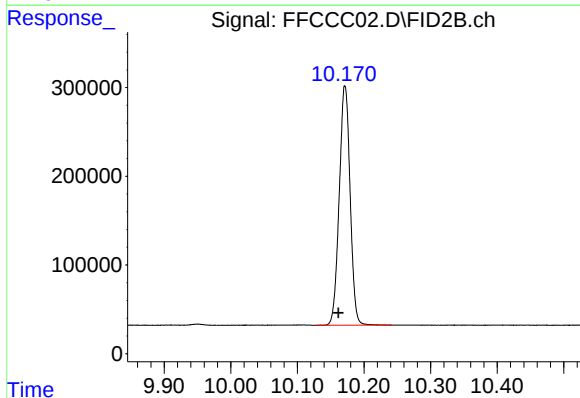
R.T.: 7.371 min
Delta R.T.: 0.010 min
Response: 2993660
Conc: 21.28 ug/ml

Instrument :
FID_F
ClientSampleId :



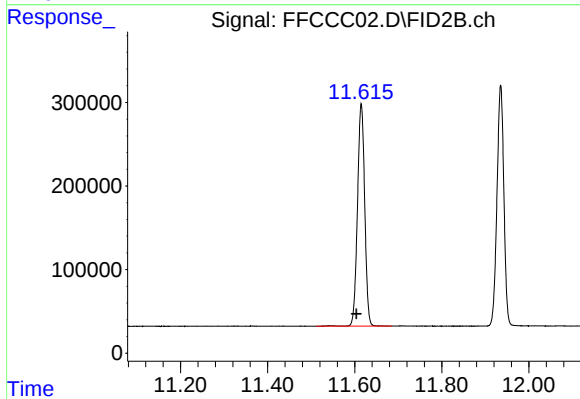
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.008 min
Response: 2972529
Conc: 22.00 ug/ml



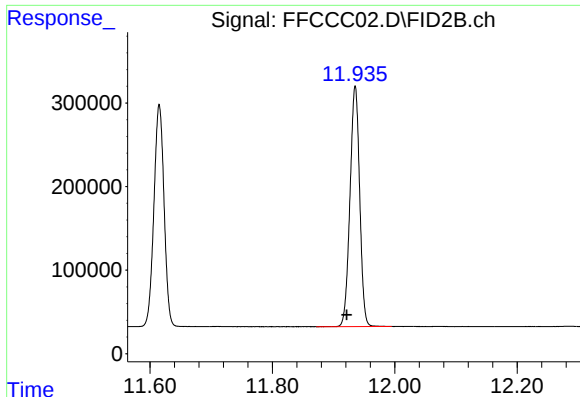
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.010 min
Response: 3063043
Conc: 21.62 ug/ml



#8 n-Octadecane (C18)

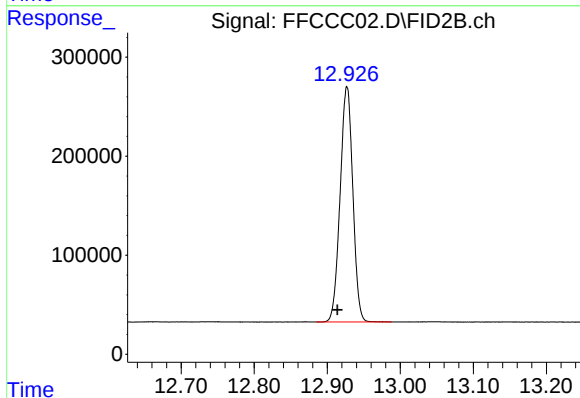
R.T.: 11.615 min
Delta R.T.: 0.011 min
Response: 3065811
Conc: 20.93 ug/ml



#9 ortho-Terphenyl (SURR)

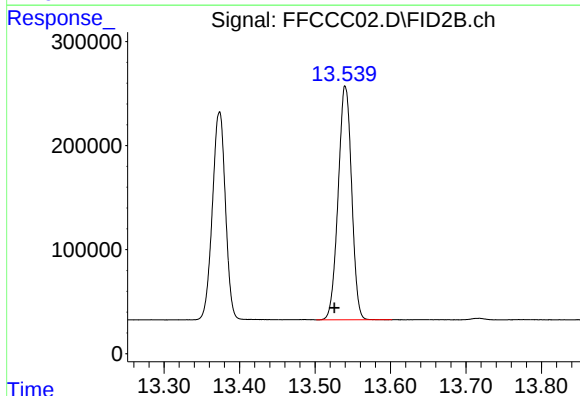
R.T.: 11.935 min
Delta R.T.: 0.014 min
Response: 3157399
Conc: 19.86 ug/ml

Instrument :
FID_F
ClientSampleId :



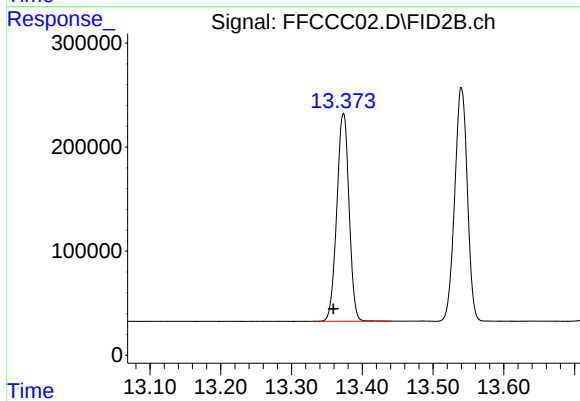
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: 0.013 min
Response: 2870958
Conc: 19.91 ug/ml



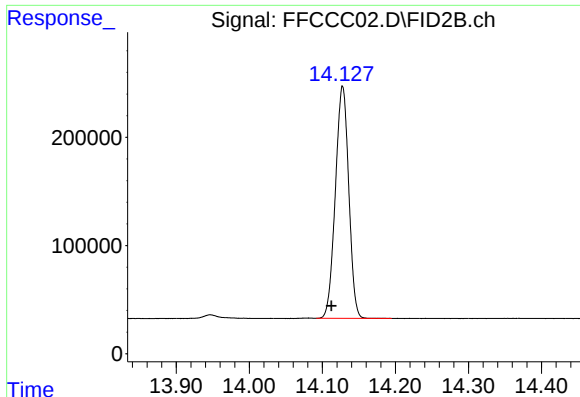
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: 0.014 min
Response: 2786076
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

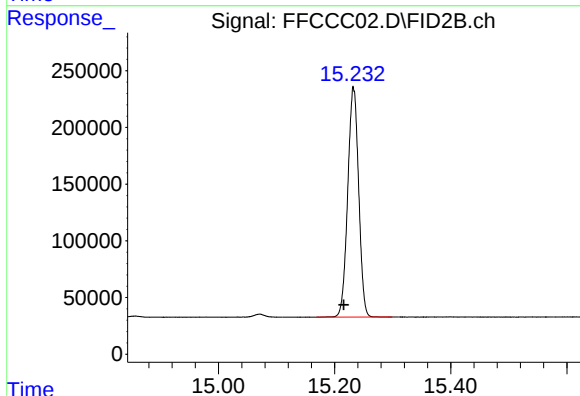
R.T.: 13.373 min
Delta R.T.: 0.014 min
Response: 2402027
Conc: 19.27 ug/ml



#13 n-Docosane (C22)

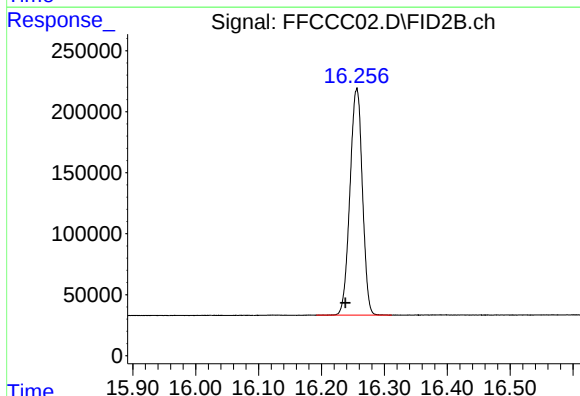
R.T.: 14.128 min
Delta R.T.: 0.015 min
Response: 2728220
Conc: 19.03 ug/ml

Instrument :
FID_F
ClientSampleId :



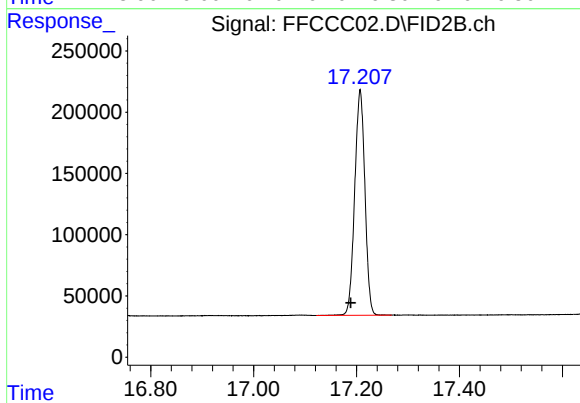
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: 0.017 min
Response: 2651236
Conc: 18.28 ug/ml



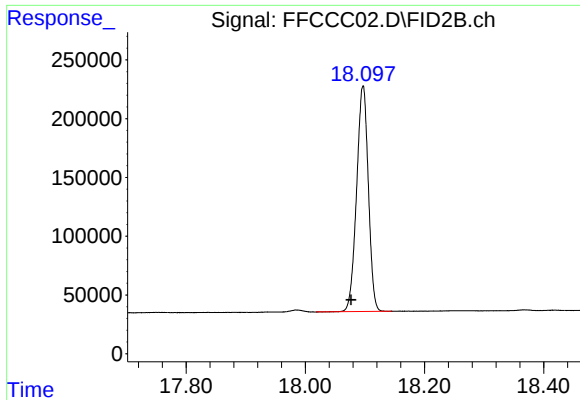
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.018 min
Response: 2557328
Conc: 18.00 ug/ml



#16 n-Octacosane (C28)

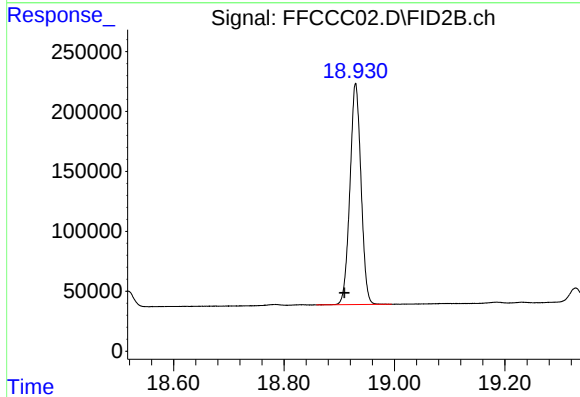
R.T.: 17.207 min
Delta R.T.: 0.019 min
Response: 2531102
Conc: 18.19 ug/ml



#17 n-Tricontane (C30)

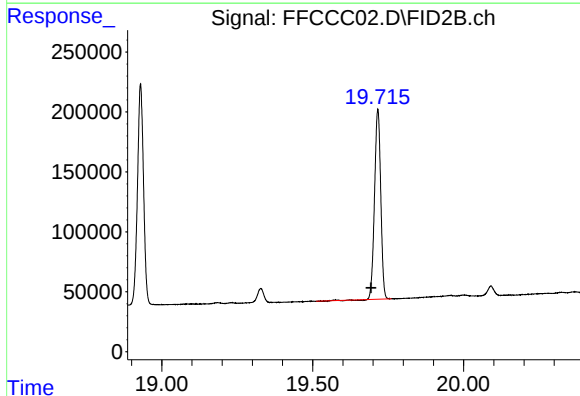
R.T.: 18.097 min
Delta R.T.: 0.020 min
Response: 2623829
Conc: 18.84 ug/ml

Instrument :
FID_F
ClientSampleId :



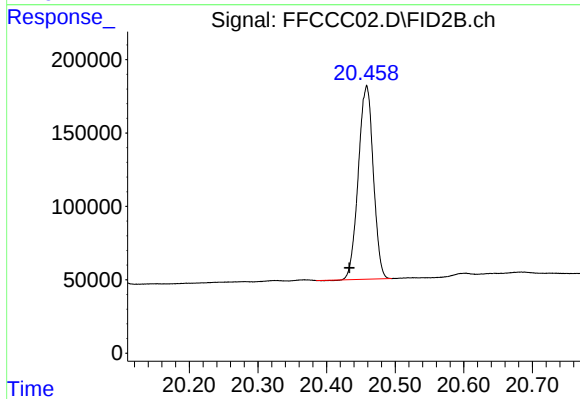
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: 0.020 min
Response: 2567593
Conc: 19.69 ug/ml



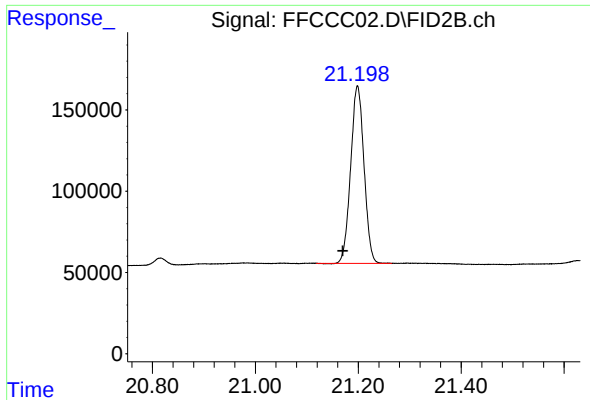
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.022 min
Response: 2251823
Conc: 20.71 ug/ml



#20 n-Hexatriacontane (C36)

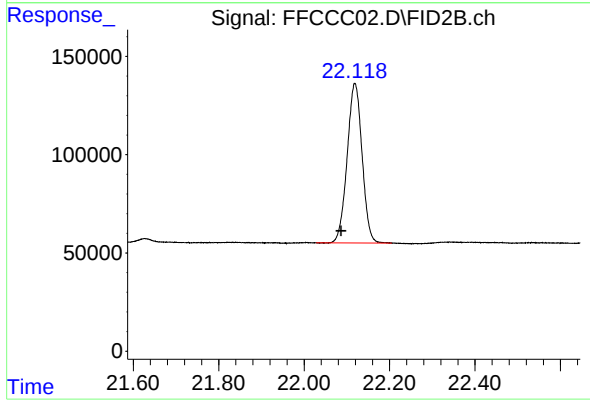
R.T.: 20.458 min
Delta R.T.: 0.025 min
Response: 1997567
Conc: 22.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.028 min
Response: 1964409
Conc: 23.84 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: 0.033 min
Response: 1972421
Conc: 24.86 ug/ml