

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110822AL\
 Data File : FE038630.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2022 09:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 08 10:50:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 2022
 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)	11.963	3083512	17.920 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
12) S 1-chlorooctadecane (S...	13.397	2404161	17.561 ug/ml
Spiked Amount 50.000		Recovery =	35.12%
Target Compounds			
1) T n-Nonane (C9)	3.361	3009358	19.540 ug/ml
2) T n-Decane (C10)	4.610	3059067	19.708 ug/ml
3) T A~Naphthalene (C11.7)	6.312	3231335	19.081 ug/ml
4) T n-Dodecane (C12)	6.771	3041773	19.472 ug/ml
5) T A~2-methylnaphthalene...	7.406	3142528	18.752 ug/ml
6) T n-Tetradecane (C14)	8.596	3005022	19.215 ug/ml
7) T n-Hexadecane (C16)	10.203	2987602	18.910 ug/ml
8) T n-Octadecane (C18)	11.644	2956503	18.457 ug/ml
10) T n-Eicosane (C20)	12.952	2888376	17.926 ug/ml
11) T n-Heneicosane (C21)	13.563	2852489	17.659 ug/ml
13) T n-Docosane (C22)	14.150	2831449	17.539 ug/ml
14) T n-Tetracosane (C24)	15.251	2780233	17.333 ug/ml
15) T n-Hexacosane (C26)	16.271	2747602	17.298 ug/ml
16) T n-Octacosane (C28)	17.221	2796873	17.827 ug/ml
17) T n-Tricontane (C30)	18.105	3054305	19.142 ug/mlm
18) T n-Dotriacontane (C32)	18.938	3211202	20.367 ug/ml
19) T n-Tetratriacontane (C34)	19.721	3086442	20.936 ug/mlm
20) T n-Hexatriacontane (C36)	20.462	3095506	21.664 ug/ml
21) T n-Octatriacontane (C38)	21.204	3092704	22.898 ug/ml
22) T n-Tetracontane (C40)	22.126	3142727	24.897 ug/mlm

(f)=RT Delta > 1/2 Window

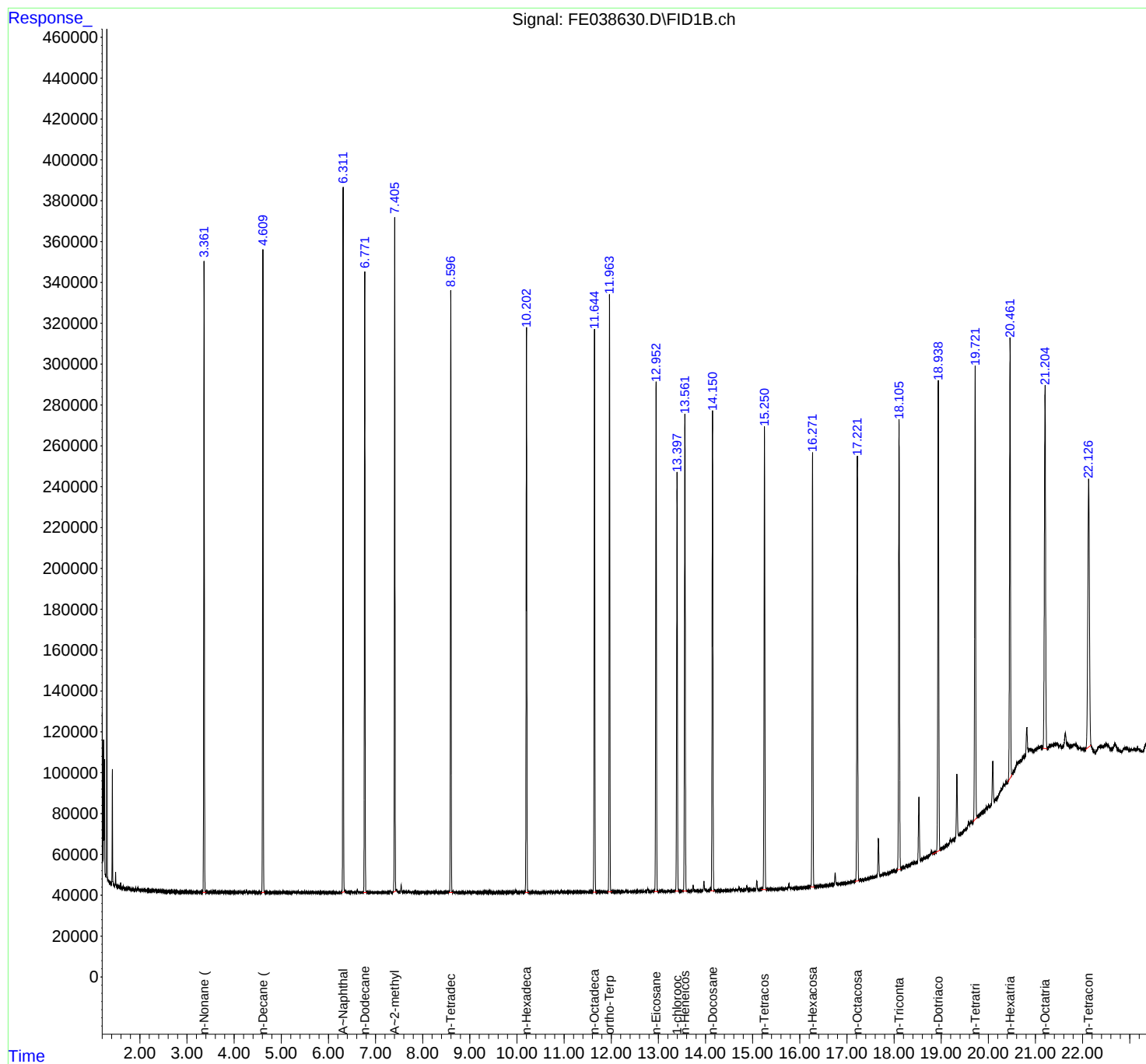
(m)=manual int.

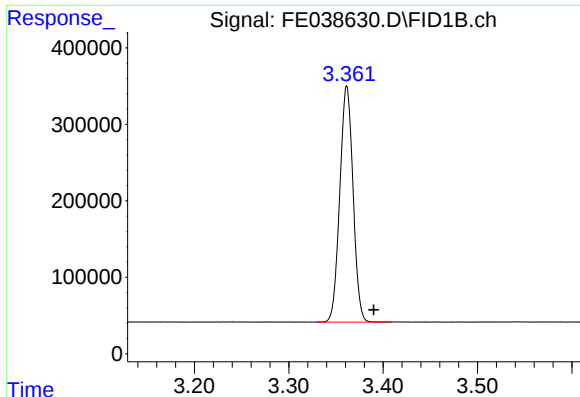
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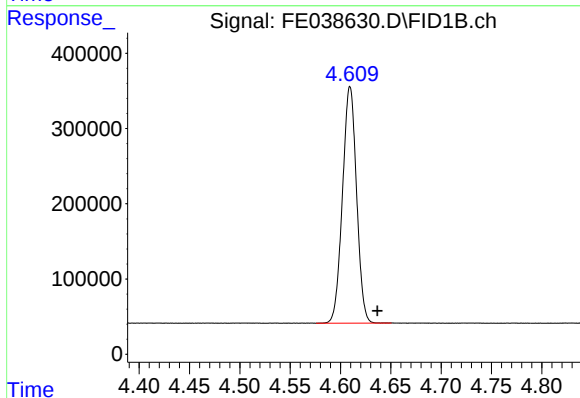




#1 n-Nonane (C9)

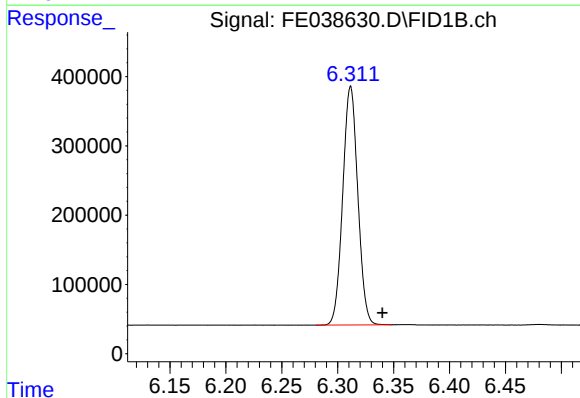
R.T.: 3.361 min
Delta R.T.: -0.029 min
Response: 3009358
Conc: 19.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



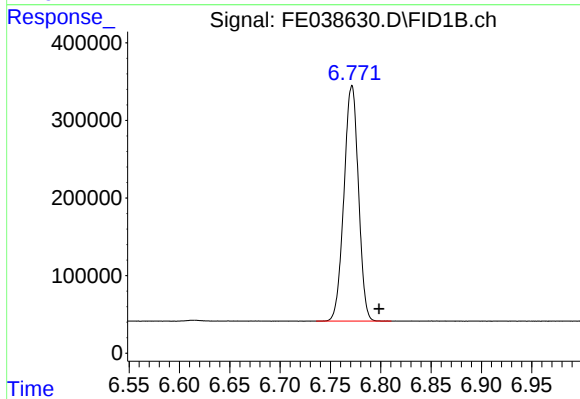
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.027 min
Response: 3059067
Conc: 19.71 ug/ml



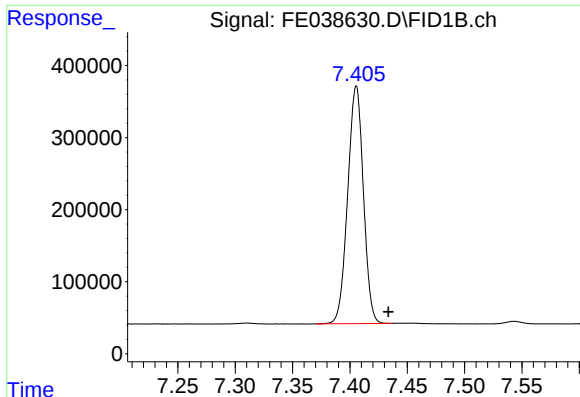
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.028 min
Response: 3231335
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

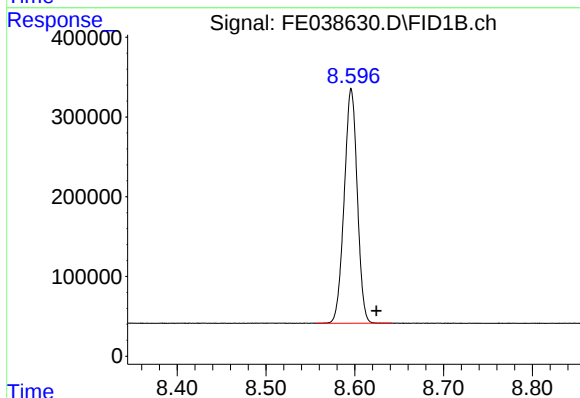
R.T.: 6.771 min
Delta R.T.: -0.027 min
Response: 3041773
Conc: 19.47 ug/ml



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

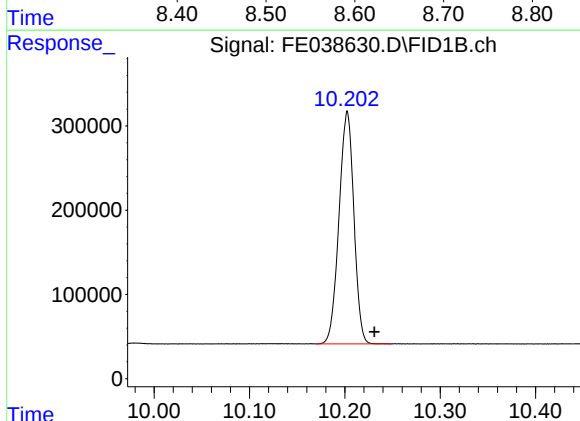
R.T.: 7.406 min
Delta R.T.: -0.028 min
Response: 3142528
Conc: 18.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



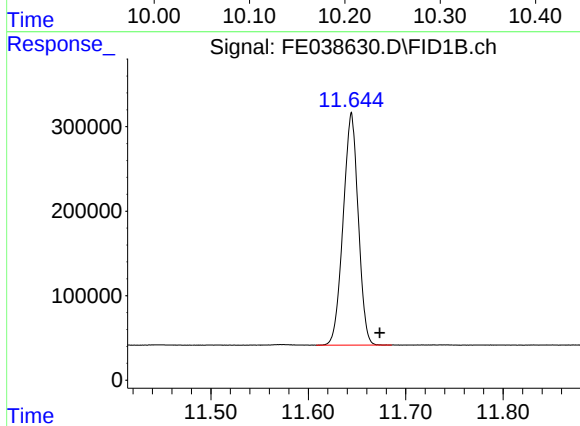
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.028 min
Response: 3005022
Conc: 19.22 ug/ml



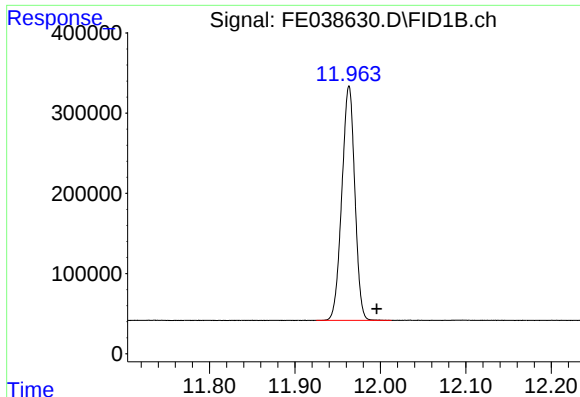
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 2987602
Conc: 18.91 ug/ml



#8 n-Octadecane (C18)

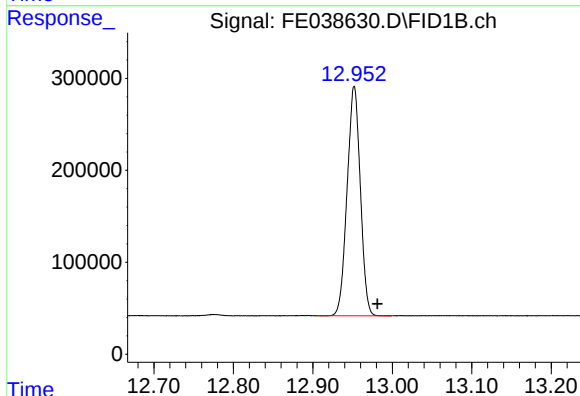
R.T.: 11.644 min
Delta R.T.: -0.029 min
Response: 2956503
Conc: 18.46 ug/ml



#9 ortho-Terphenyl (SURR)

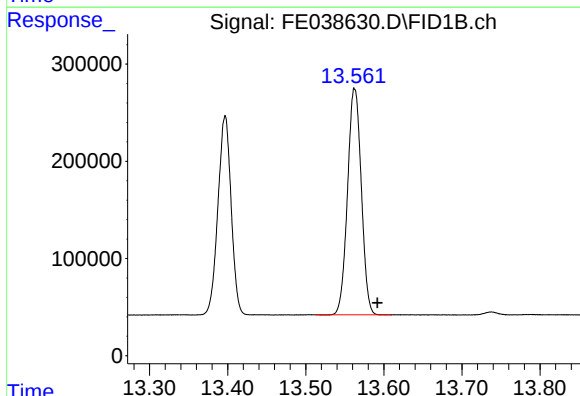
R.T.: 11.963 min
Delta R.T.: -0.032 min
Response: 3083512
Conc: 17.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



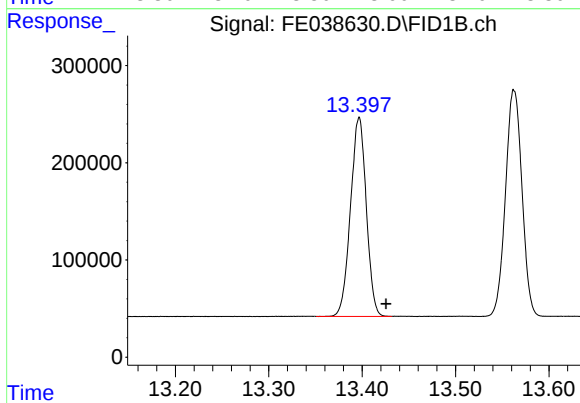
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.029 min
Response: 2888376
Conc: 17.93 ug/ml



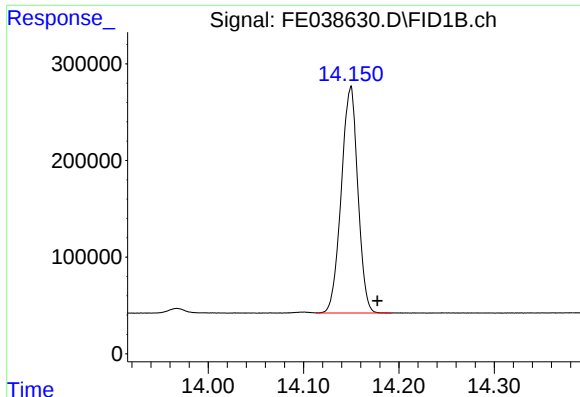
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.029 min
Response: 2852489
Conc: 17.66 ug/ml



#12 1-chlorooctadecane (SURR)

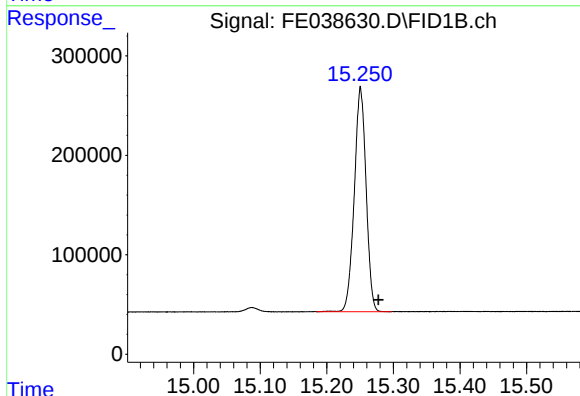
R.T.: 13.397 min
Delta R.T.: -0.029 min
Response: 2404161
Conc: 17.56 ug/ml



#13 n-Docosane (C22)

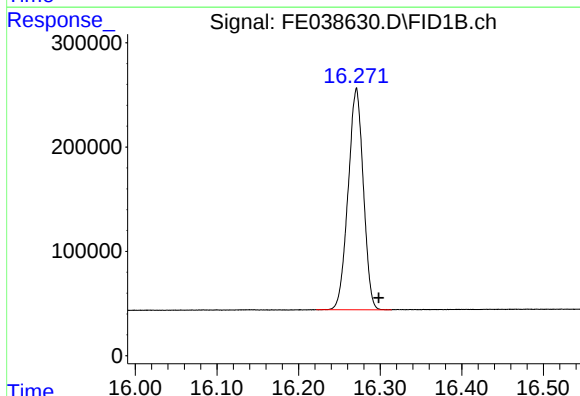
R.T.: 14.150 min
Delta R.T.: -0.028 min
Response: 2831449
Conc: 17.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



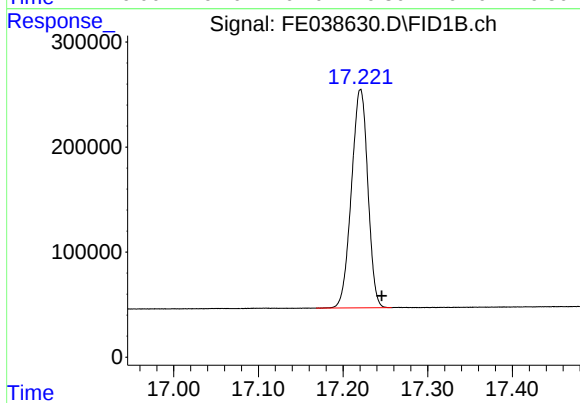
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.027 min
Response: 2780233
Conc: 17.33 ug/ml



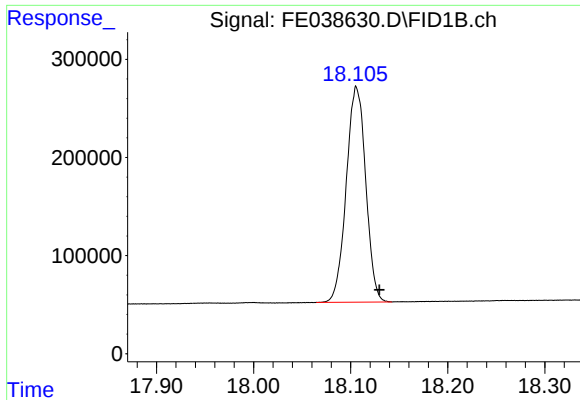
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.027 min
Response: 2747602
Conc: 17.30 ug/ml



#16 n-Octacosane (C28)

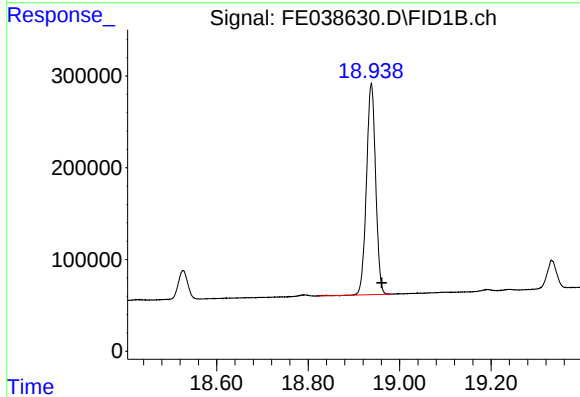
R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 2796873
Conc: 17.83 ug/ml



#17 n-Tricontane (C30)

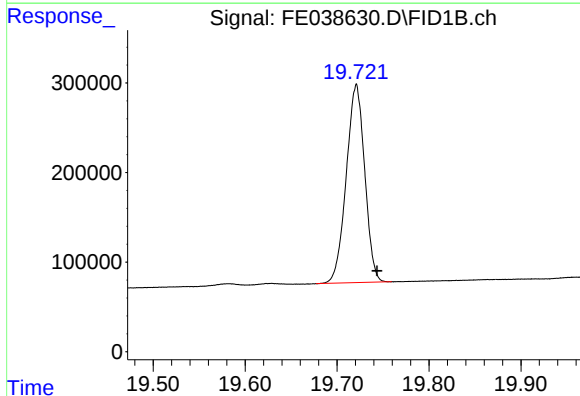
R.T.: 18.105 min
Delta R.T.: -0.025 min
Response: 3054305
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



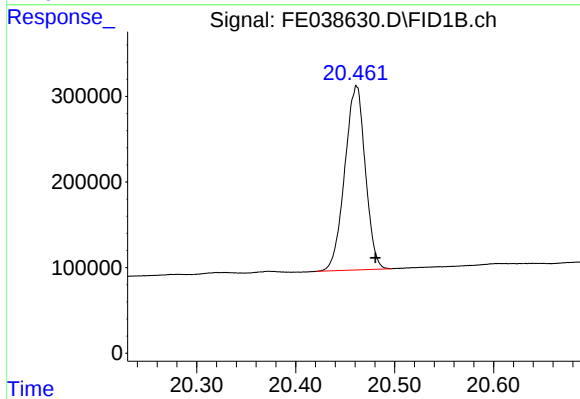
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.023 min
Response: 3211202
Conc: 20.37 ug/ml



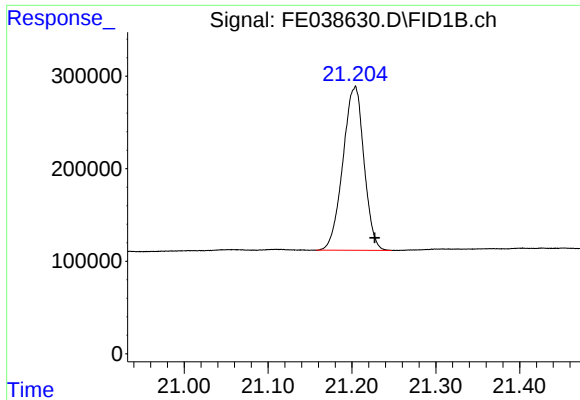
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.023 min
Response: 3086442
Conc: 20.94 ug/ml m



#20 n-Hexatriacontane (C36)

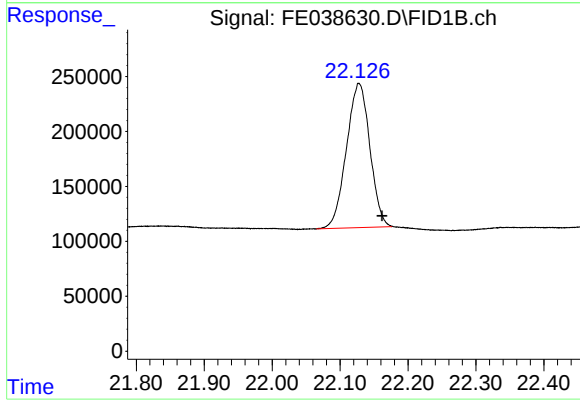
R.T.: 20.462 min
Delta R.T.: -0.019 min
Response: 3095506
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.023 min
Response: 3092704
Conc: 22.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.036 min
Response: 3142727
Conc: 24.90 ug/ml m