

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF030525AL\
 Data File : FF015596.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 12:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 06 00:12:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:05:42 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)	11.933	3284432	21.011 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
12) S 1-chlorooctadecane (S...	13.369	2509718	21.210 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
Target Compounds			
1) T n-Nonane (C9)	3.310	2655020	21.297 ug/ml
2) T n-Decane (C10)	4.566	2715525	21.655 ug/ml
3) T A~Naphthalene (C11.7)	6.273	2870530	22.399 ug/ml
4) T n-Dodecane (C12)	6.732	2769175	21.772 ug/ml
5) T A~2-methylnaphthalene...	7.369	2749365	23.333 ug/ml
6) T n-Tetradecane (C14)	8.560	2779906	22.131 ug/ml
7) T n-Hexadecane (C16)	10.167	2891447	22.143 ug/ml
8) T n-Octadecane (C18)	11.612	2978803	21.677 ug/ml
10) T n-Eicosane (C20)	12.923	2909289	21.030 ug/ml
11) T n-Heneicosane (C21)	13.535	2888497	20.792 ug/ml
13) T n-Docosane (C22)	14.122	2865387	20.717 ug/ml
14) T n-Tetracosane (C24)	15.227	2910117	20.530 ug/ml
15) T n-Hexacosane (C26)	16.250	2854560	20.094 ug/ml
16) T n-Octacosane (C28)	17.201	2807655	19.832 ug/ml
17) T n-Tricontane (C30)	18.090	2824504	19.342 ug/ml
18) T n-Dotriacontane (C32)	18.923	2685253	18.752 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2386697	18.875 ug/ml
20) T n-Hexatriacontane (C36)	20.447	1988048	18.715 ug/ml
21) T n-Octatriacontane (C38)	21.186	1785035	19.761 ug/ml
22) T n-Tetracontane (C40)	22.098	1670294	21.541 ug/ml

(f)=RT Delta > 1/2 Window

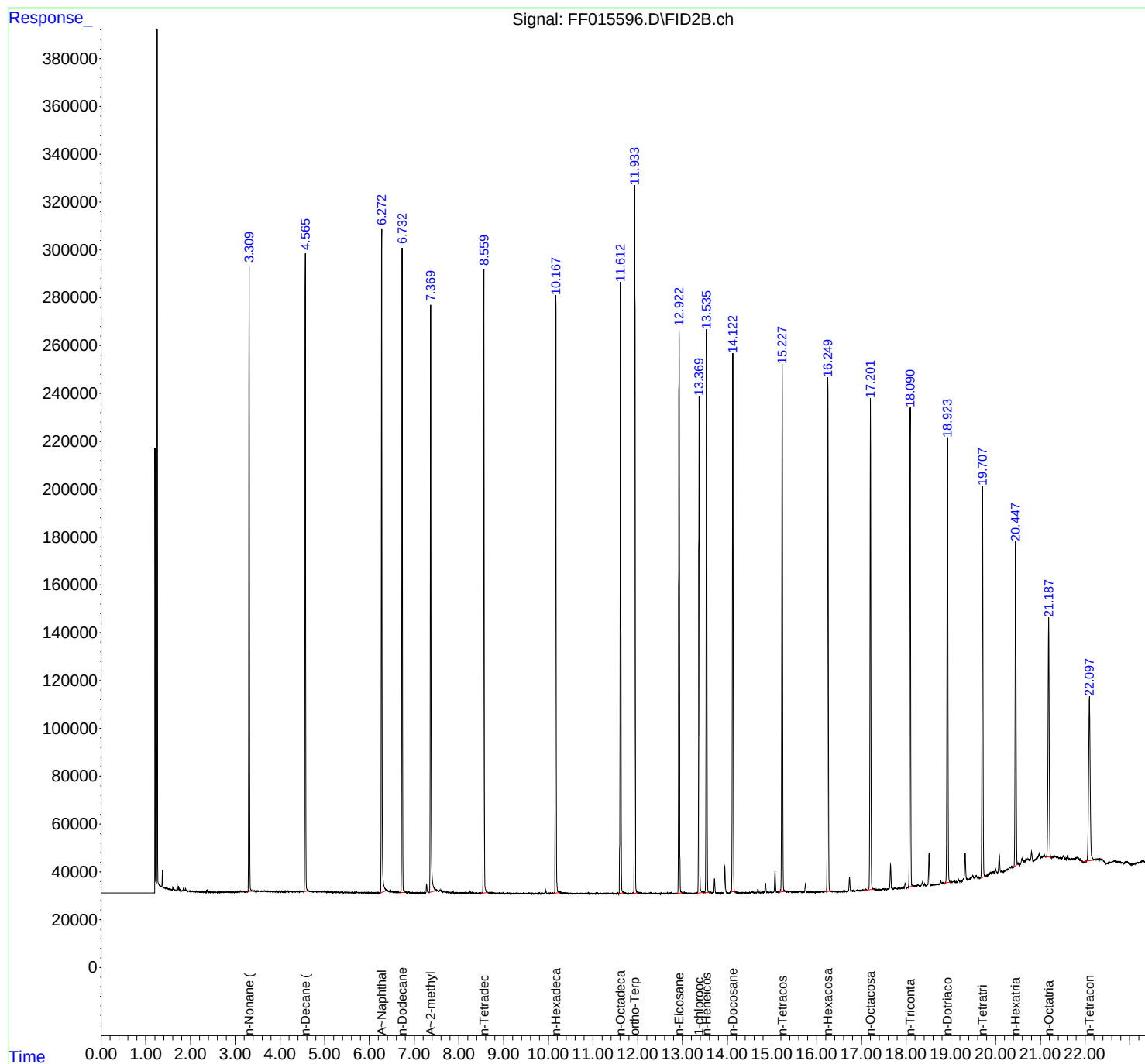
(m)=manual int.

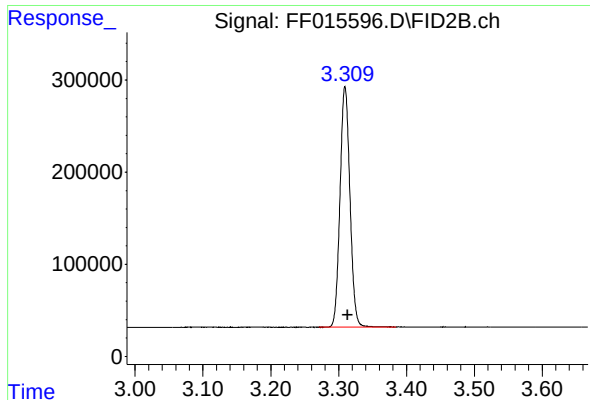
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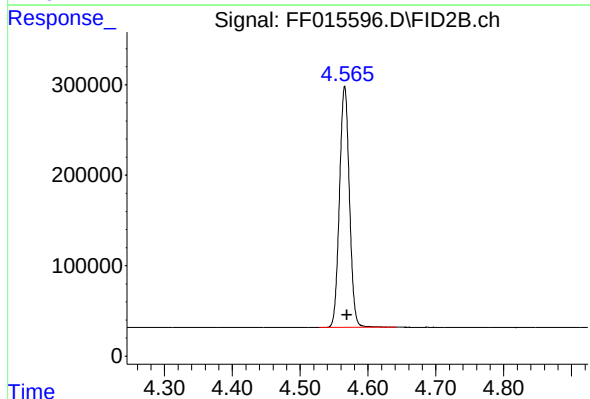




#1 n-Nonane (C9)

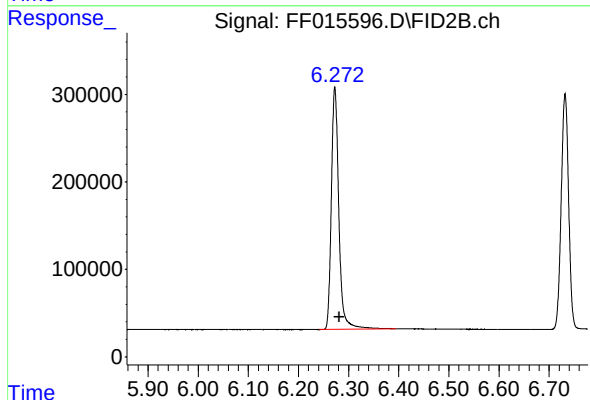
R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 2655020
Conc: 21.30 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



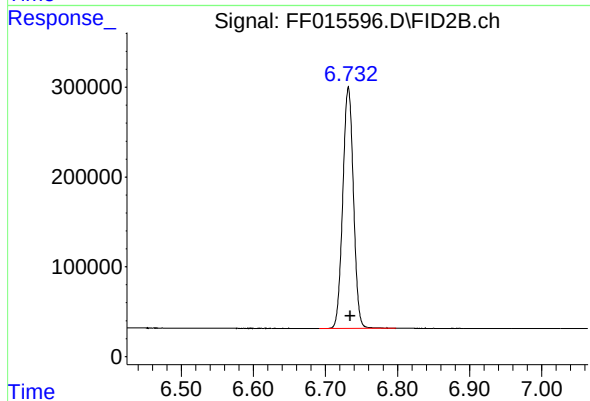
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 2715525
Conc: 21.66 ug/ml



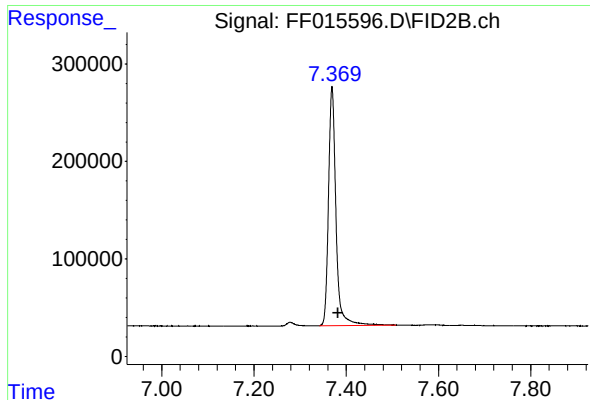
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.008 min
Response: 2870530
Conc: 22.40 ug/ml



#4 n-Dodecane (C12)

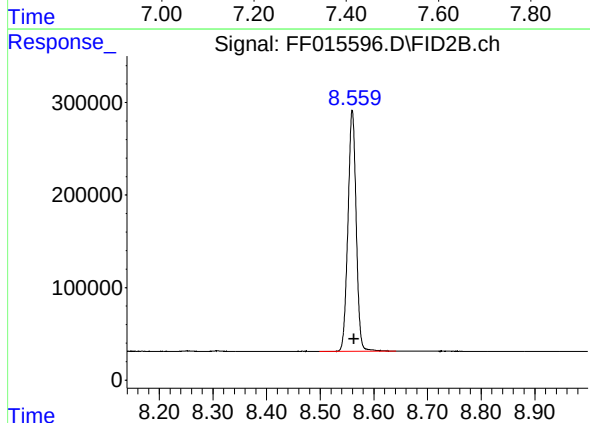
R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 2769175
Conc: 21.77 ug/ml



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

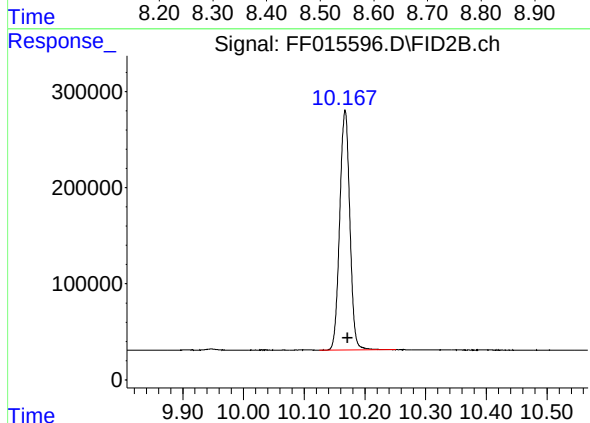
R.T.: 7.369 min
Delta R.T.: -0.013 min
Response: 2749365
Conc: 23.33 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



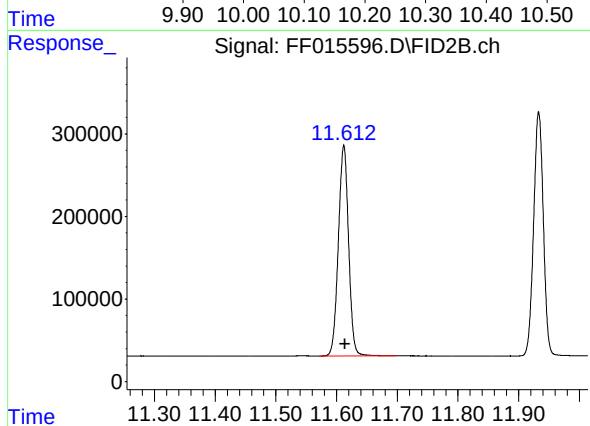
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 2779906
Conc: 22.13 ug/ml



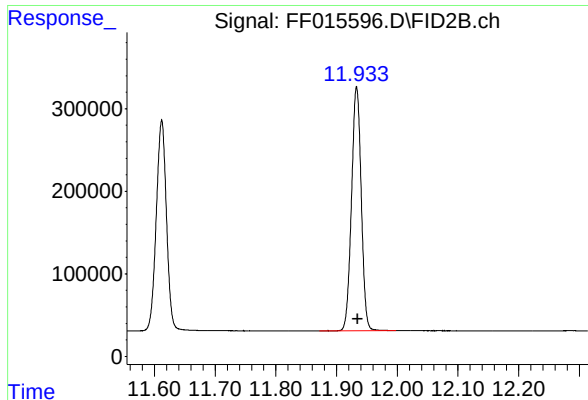
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.004 min
Response: 2891447
Conc: 22.14 ug/ml



#8 n-Octadecane (C18)

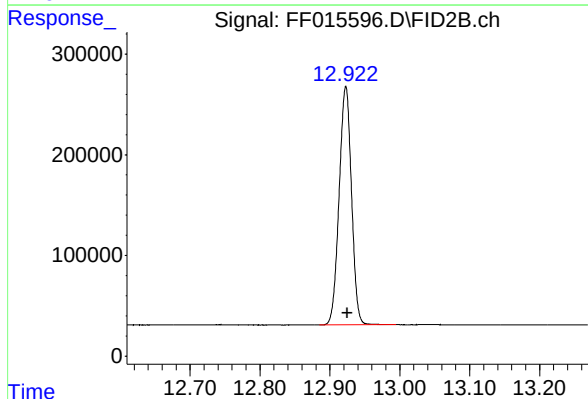
R.T.: 11.612 min
Delta R.T.: -0.002 min
Response: 2978803
Conc: 21.68 ug/ml



#9 ortho-Terphenyl (SURR)

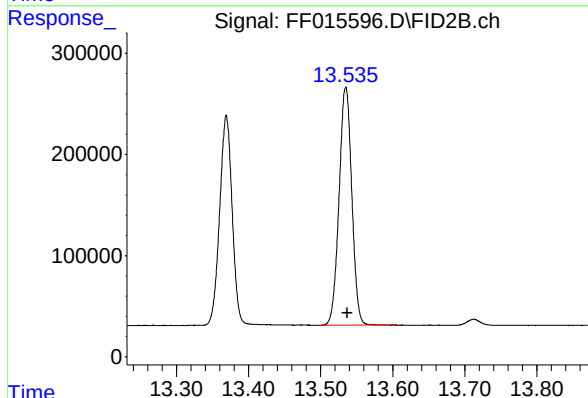
R.T.: 11.933 min
Delta R.T.: -0.001 min
Response: 3284432
Conc: 21.01 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



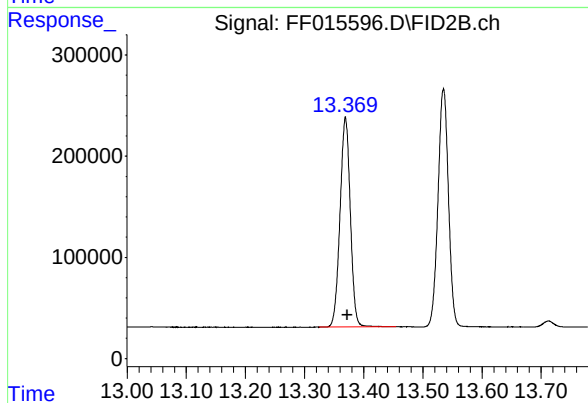
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.002 min
Response: 2909289
Conc: 21.03 ug/ml



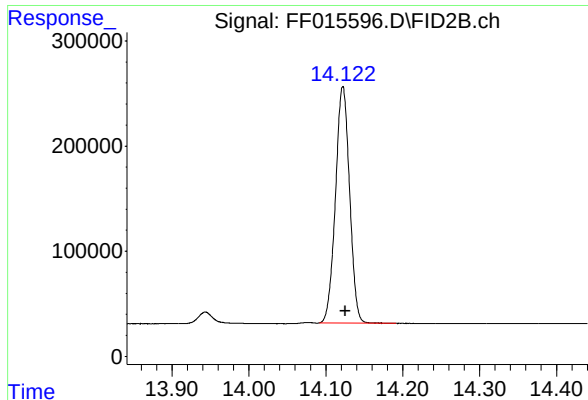
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.002 min
Response: 2888497
Conc: 20.79 ug/ml



#12 1-chlorooctadecane (SURR)

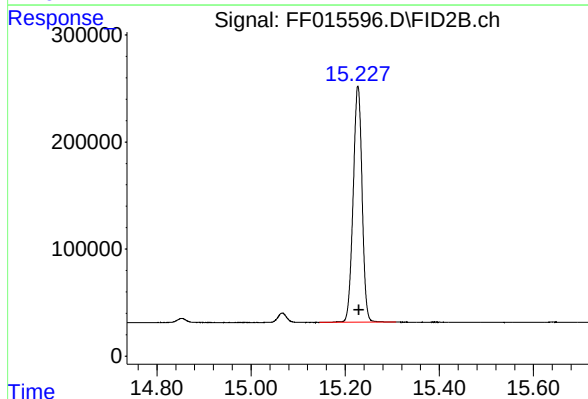
R.T.: 13.369 min
Delta R.T.: -0.003 min
Response: 2509718
Conc: 21.21 ug/ml



#13 n-Docosane (C22)

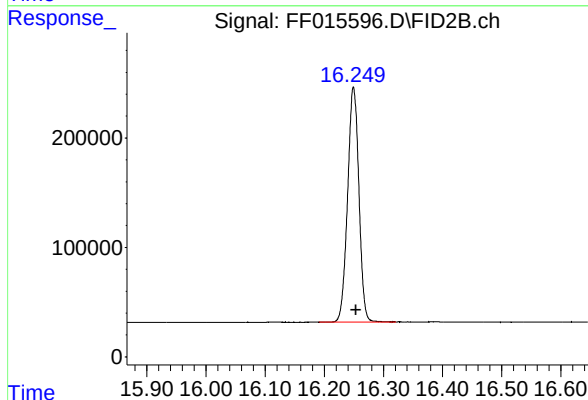
R.T.: 14.122 min
Delta R.T.: -0.003 min
Response: 2865387
Conc: 20.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



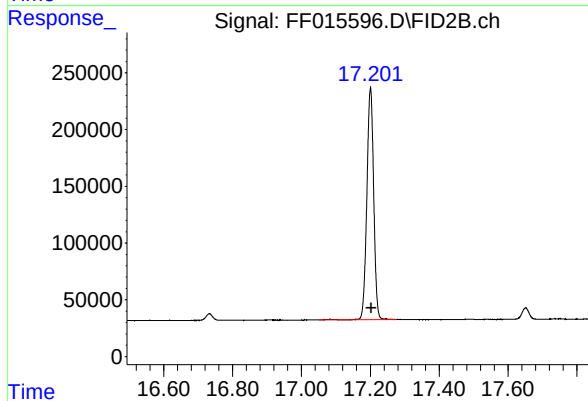
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.002 min
Response: 2910117
Conc: 20.53 ug/ml



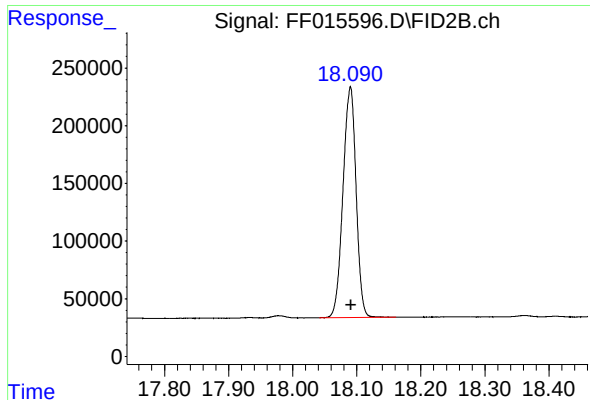
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.004 min
Response: 2854560
Conc: 20.09 ug/ml



#16 n-Octacosane (C28)

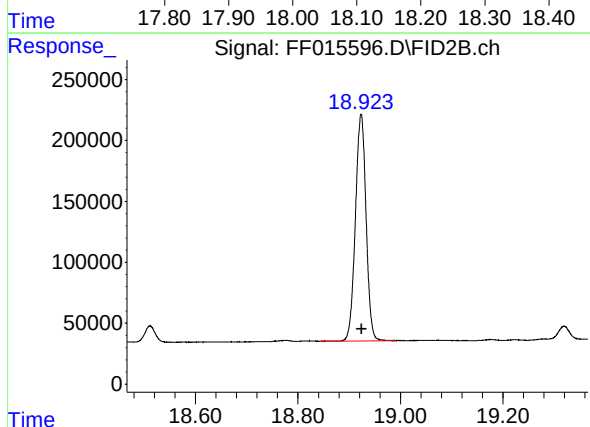
R.T.: 17.201 min
Delta R.T.: -0.003 min
Response: 2807655
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

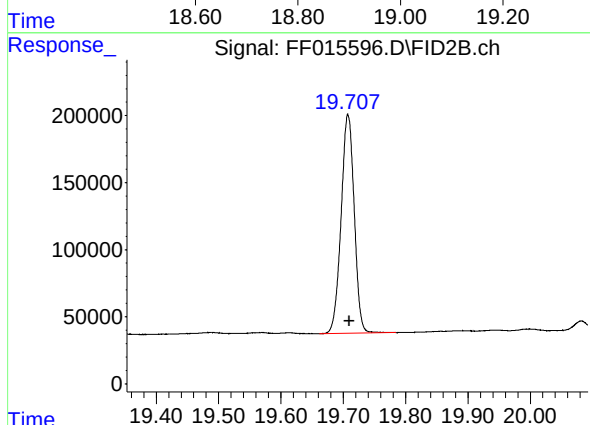
R.T.: 18.090 min
Delta R.T.: -0.001 min
Response: 2824504
Conc: 19.34 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



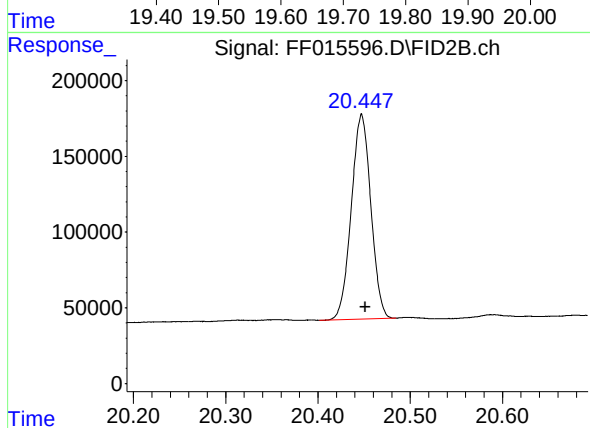
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.001 min
Response: 2685253
Conc: 18.75 ug/ml



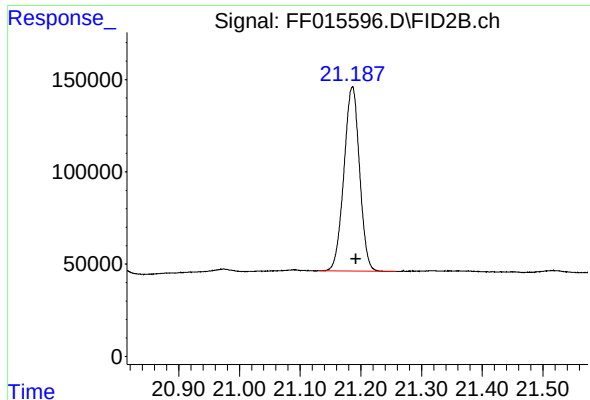
#19 n-Tetatriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.002 min
Response: 2386697
Conc: 18.88 ug/ml



#20 n-Hexatriacontane (C36)

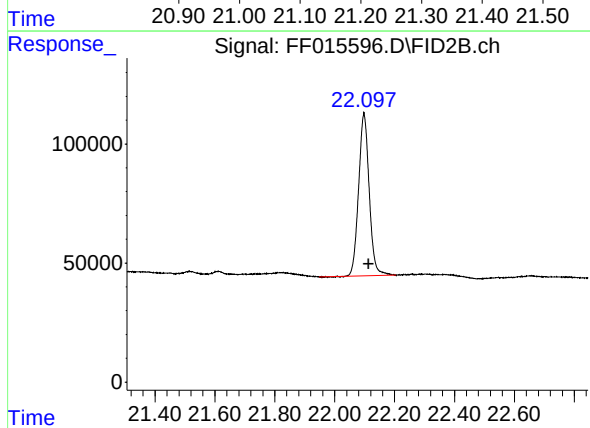
R.T.: 20.447 min
Delta R.T.: -0.004 min
Response: 1988048
Conc: 18.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.006 min
Response: 1785035
Conc: 19.76 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.016 min
Response: 1670294
Conc: 21.54 ug/ml