

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF030425AL\
 Data File : FF015588.D
 Signal(s) : FID2B.ch
 Acq On : 04 Mar 2025 22:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Mar 05 03:37:23 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	2973744	19.024 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
12) S 1-chlorooctadecane (S...	13.368	2261895	19.116 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
Target Compounds			
1) T n-Nonane (C9)	3.311	2429921	19.491 ug/ml
2) T n-Decane (C10)	4.567	2474783	19.736 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2612327	20.384 ug/ml
4) T n-Dodecane (C12)	6.732	2513664	19.763 ug/ml
5) T A~2-methylnaphthalene...	7.369	2509071	21.293 ug/ml
6) T n-Tetradecane (C14)	8.560	2517199	20.039 ug/ml
7) T n-Hexadecane (C16)	10.168	2609121	19.981 ug/ml
8) T n-Octadecane (C18)	11.612	2691326	19.585 ug/ml
10) T n-Eicosane (C20)	12.922	2634002	19.040 ug/ml
11) T n-Heneicosane (C21)	13.534	2607440	18.769 ug/ml
13) T n-Docosane (C22)	14.122	2578278	18.641 ug/ml
14) T n-Tetracosane (C24)	15.226	2582821	18.221 ug/ml
15) T n-Hexacosane (C26)	16.248	2519584	17.736 ug/ml
16) T n-Octacosane (C28)	17.199	2463549	17.401 ug/ml
17) T n-Tricontane (C30)	18.088	2453281	16.800 ug/ml
18) T n-Dotriacontane (C32)	18.922	2418703	16.891 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2067221	16.349 ug/ml
20) T n-Hexatriacontane (C36)	20.448	1729499	16.281 ug/ml
21) T n-Octatriacontane (C38)	21.184	1476284	16.343 ug/ml
22) T n-Tetracontane (C40)	22.097	1331685	17.174 ug/ml

(f)=RT Delta > 1/2 Window

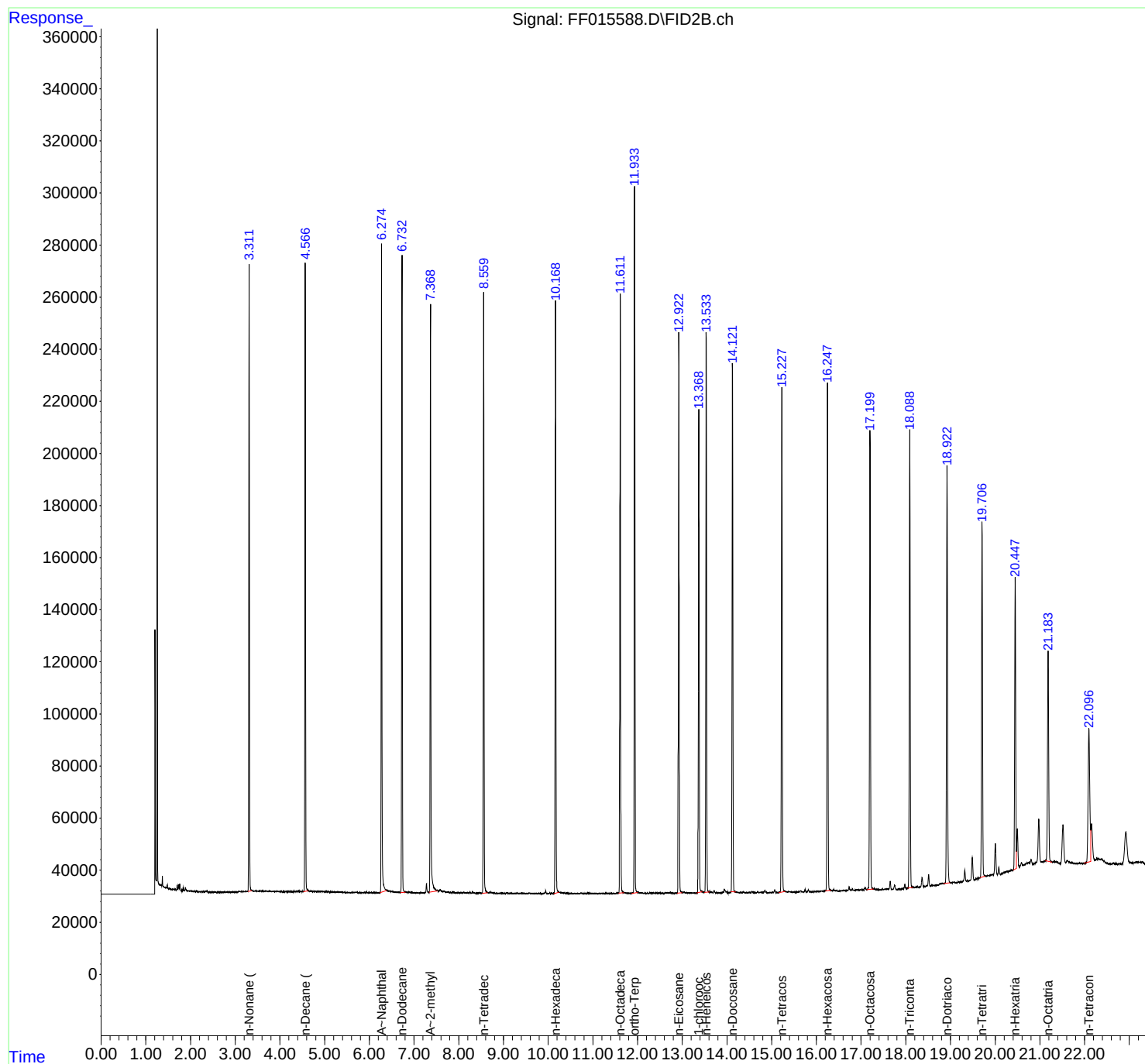
(m)=manual int.

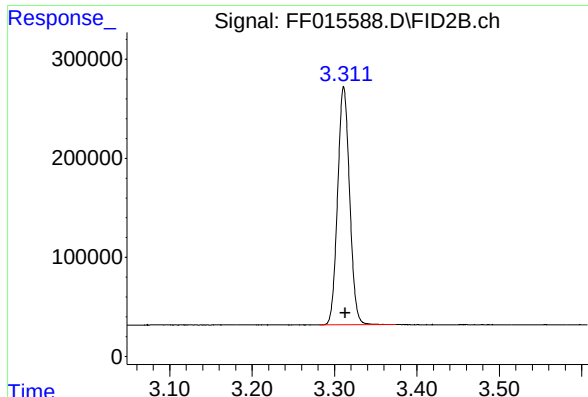
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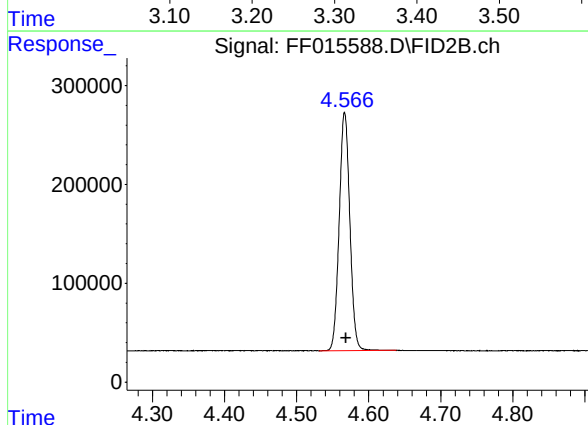




#1 n-Nonane (C9)

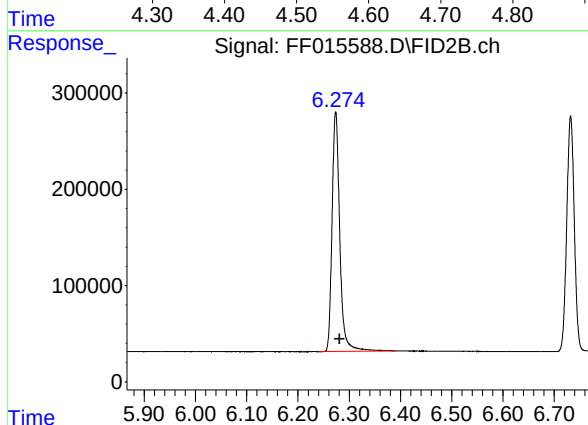
R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2429921
Conc: 19.49 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



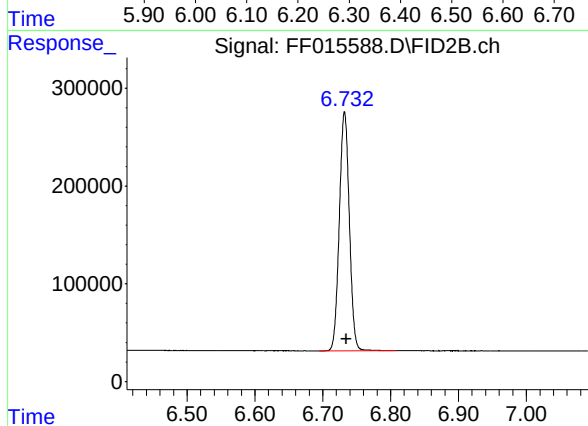
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 2474783
Conc: 19.74 ug/ml



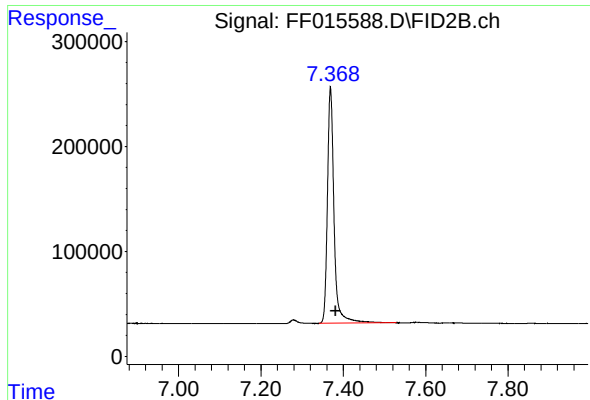
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.008 min
Response: 2612327
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

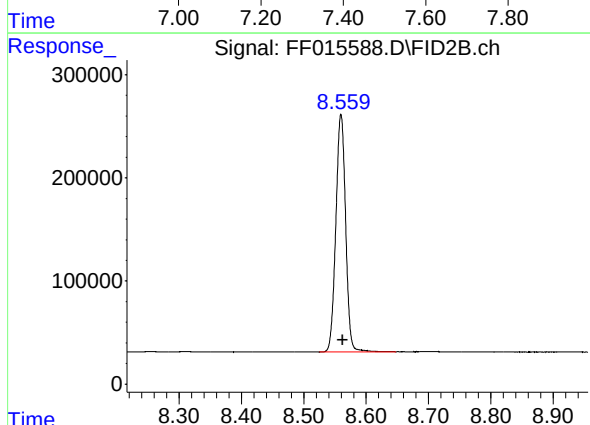
R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 2513664
Conc: 19.76 ug/ml



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

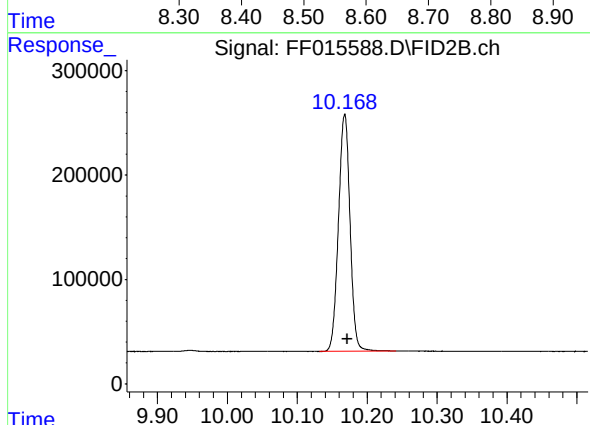
R.T.: 7.369 min
Delta R.T.: -0.013 min
Response: 2509071
Conc: 21.29 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



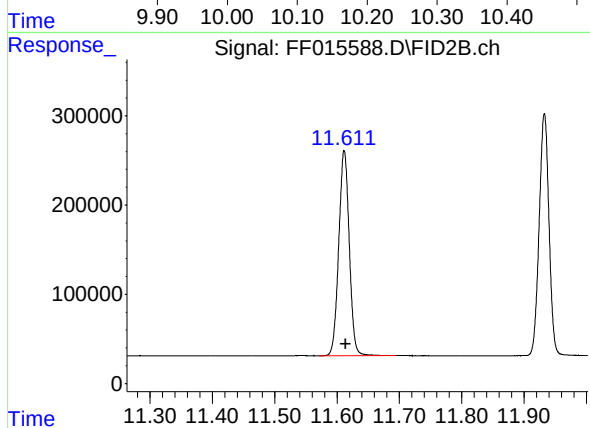
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 2517199
Conc: 20.04 ug/ml



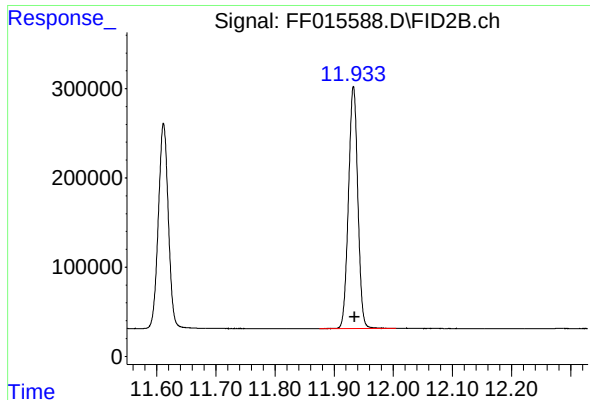
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.004 min
Response: 2609121
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

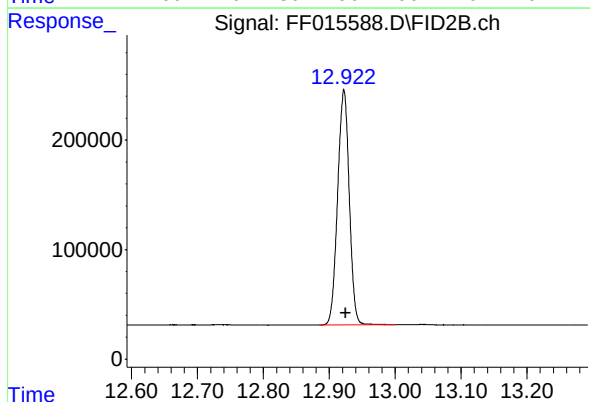
R.T.: 11.612 min
Delta R.T.: -0.002 min
Response: 2691326
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

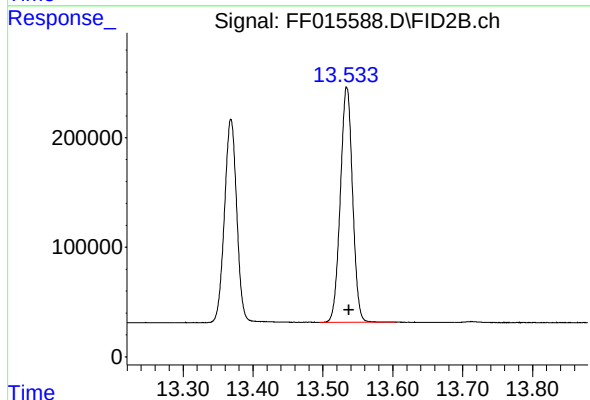
R.T.: 11.933 min
Delta R.T.: -0.002 min
Response: 2973744
Conc: 19.02 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



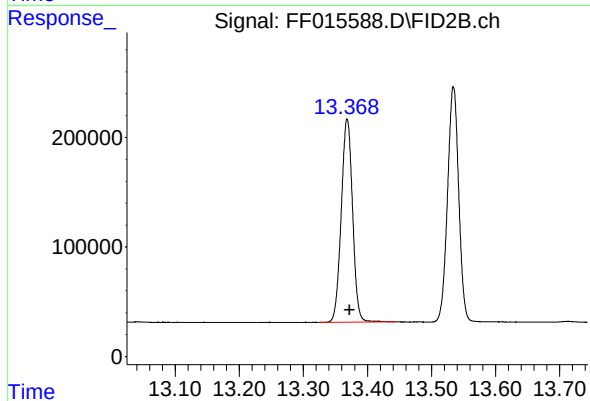
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.003 min
Response: 2634002
Conc: 19.04 ug/ml



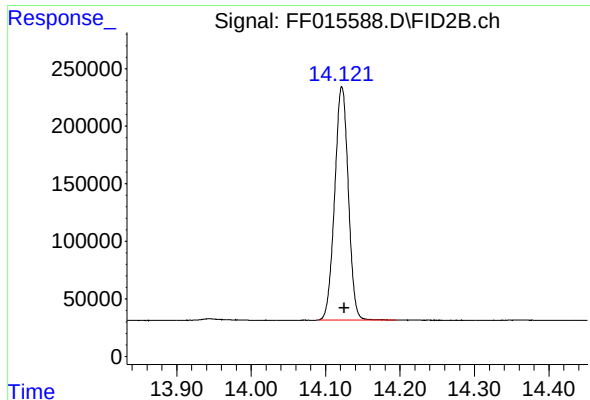
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.003 min
Response: 2607440
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

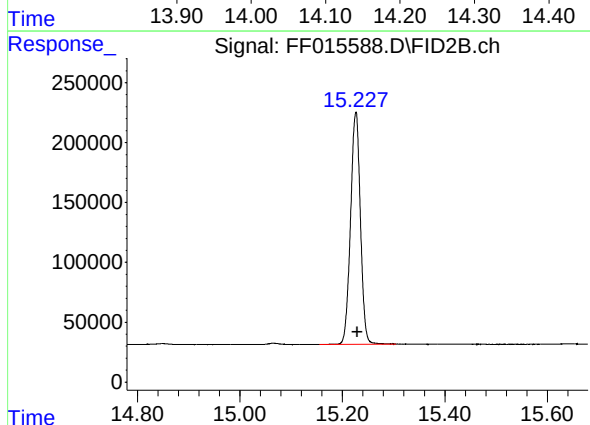
R.T.: 13.368 min
Delta R.T.: -0.004 min
Response: 2261895
Conc: 19.12 ug/ml



#13 n-Docosane (C22)

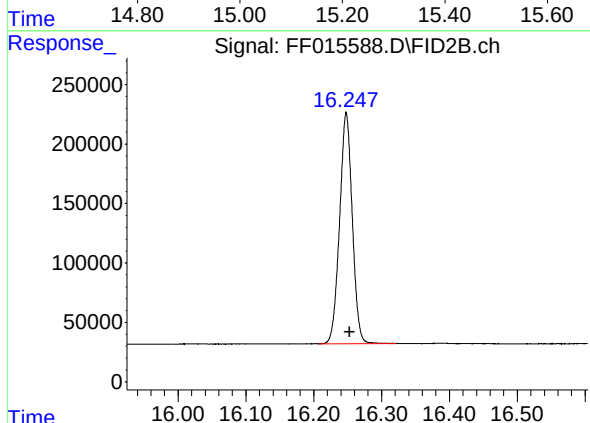
R.T.: 14.122 min
Delta R.T.: -0.003 min
Response: 2578278
Conc: 18.64 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



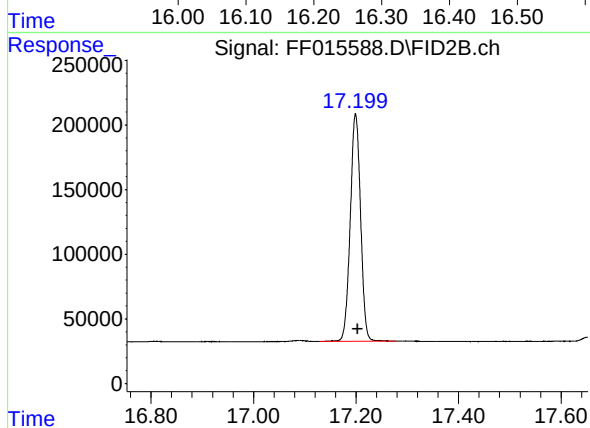
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.003 min
Response: 2582821
Conc: 18.22 ug/ml



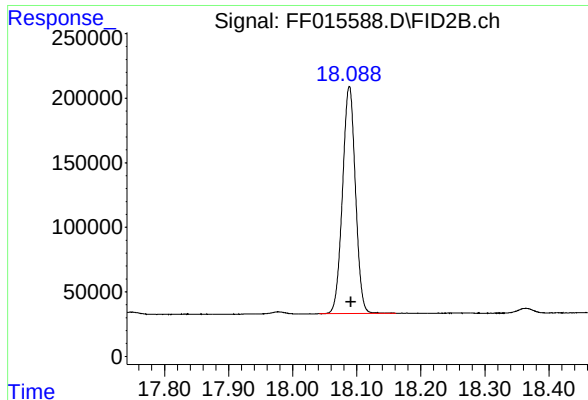
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.005 min
Response: 2519584
Conc: 17.74 ug/ml



#16 n-Octacosane (C28)

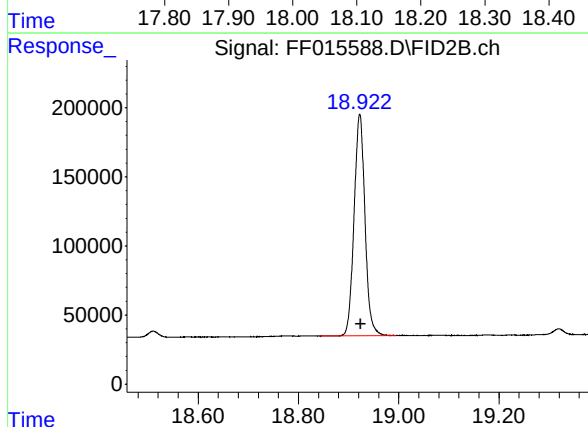
R.T.: 17.199 min
Delta R.T.: -0.004 min
Response: 2463549
Conc: 17.40 ug/ml



#17 n-Tricontane (C30)

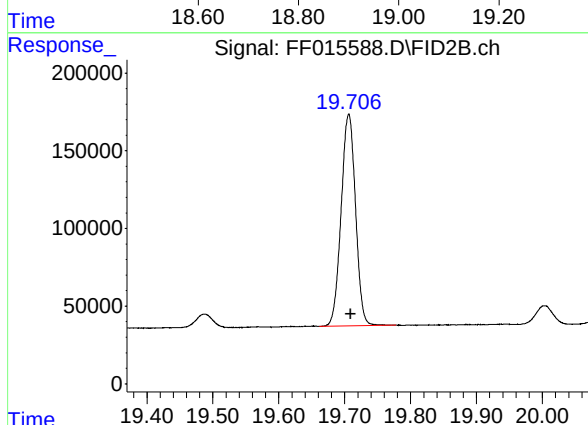
R.T.: 18.088 min
Delta R.T.: -0.003 min
Response: 2453281
Conc: 16.80 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



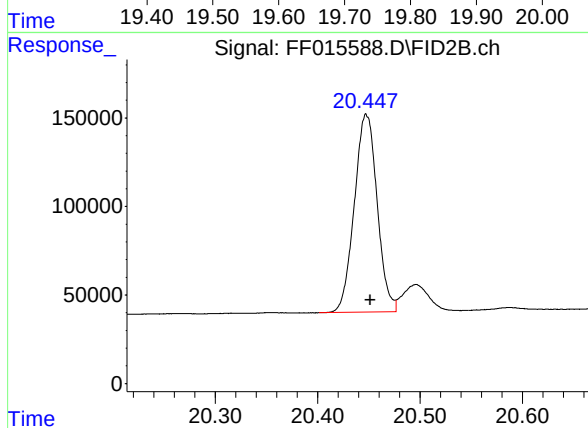
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.002 min
Response: 2418703
Conc: 16.89 ug/ml



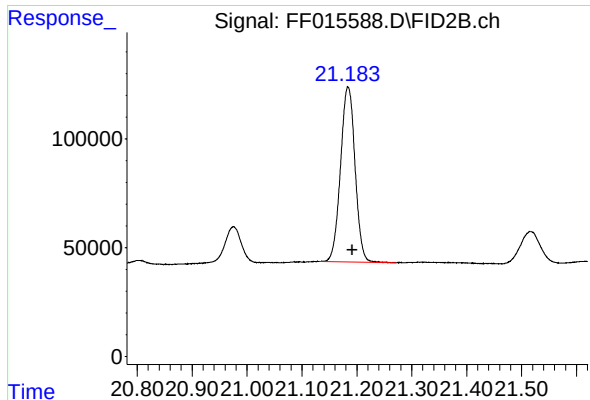
#19 n-Tetatriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.003 min
Response: 2067221
Conc: 16.35 ug/ml



#20 n-Hexatriacontane (C36)

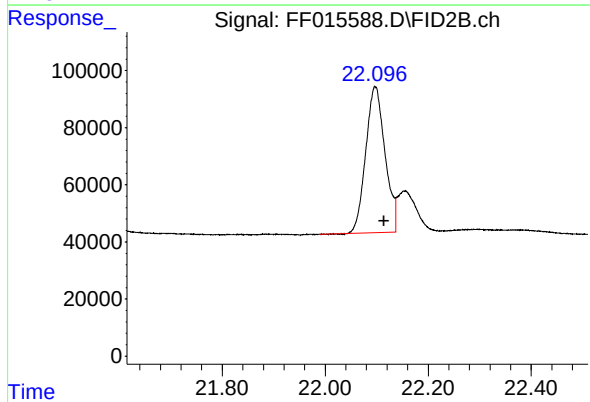
R.T.: 20.448 min
Delta R.T.: -0.004 min
Response: 1729499
Conc: 16.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.008 min
Response: 1476284
Conc: 16.34 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.017 min
Response: 1331685
Conc: 17.17 ug/ml