

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022525AL\
 Data File : FF015544.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 17:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 25 17:34:21 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	3126672	20.002 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.370	2374147	20.064 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T n-Nonane (C9)	3.311	2489003	19.965 ug/ml
2) T n-Decane (C10)	4.567	2516661	20.070 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2651091	20.687 ug/ml
4) T n-Dodecane (C12)	6.734	2558689	20.117 ug/ml
5) T A~2-methylnaphthalene...	7.370	2494383	21.169 ug/ml
6) T n-Tetradecane (C14)	8.561	2523464	20.089 ug/ml
7) T n-Hexadecane (C16)	10.169	2614067	20.019 ug/ml
8) T n-Octadecane (C18)	11.613	2762562	20.103 ug/ml
10) T n-Eicosane (C20)	12.924	2755964	19.922 ug/ml
11) T n-Heneicosane (C21)	13.537	2766531	19.914 ug/ml
13) T n-Docosane (C22)	14.123	2753958	19.912 ug/ml
14) T n-Tetracosane (C24)	15.228	2786921	19.661 ug/ml
15) T n-Hexacosane (C26)	16.251	2771439	19.509 ug/ml
16) T n-Octacosane (C28)	17.202	2763801	19.522 ug/ml
17) T n-Tricontane (C30)	18.090	2807875	19.228 ug/ml
18) T n-Dotriacontane (C32)	18.923	2808047	19.610 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2441766	19.311 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2179678	20.519 ug/ml
21) T n-Octatriacontane (C38)	21.186	1808409	20.020 ug/ml
22) T n-Tetracontane (C40)	22.102	1559512	20.112 ug/ml

(f)=RT Delta > 1/2 Window

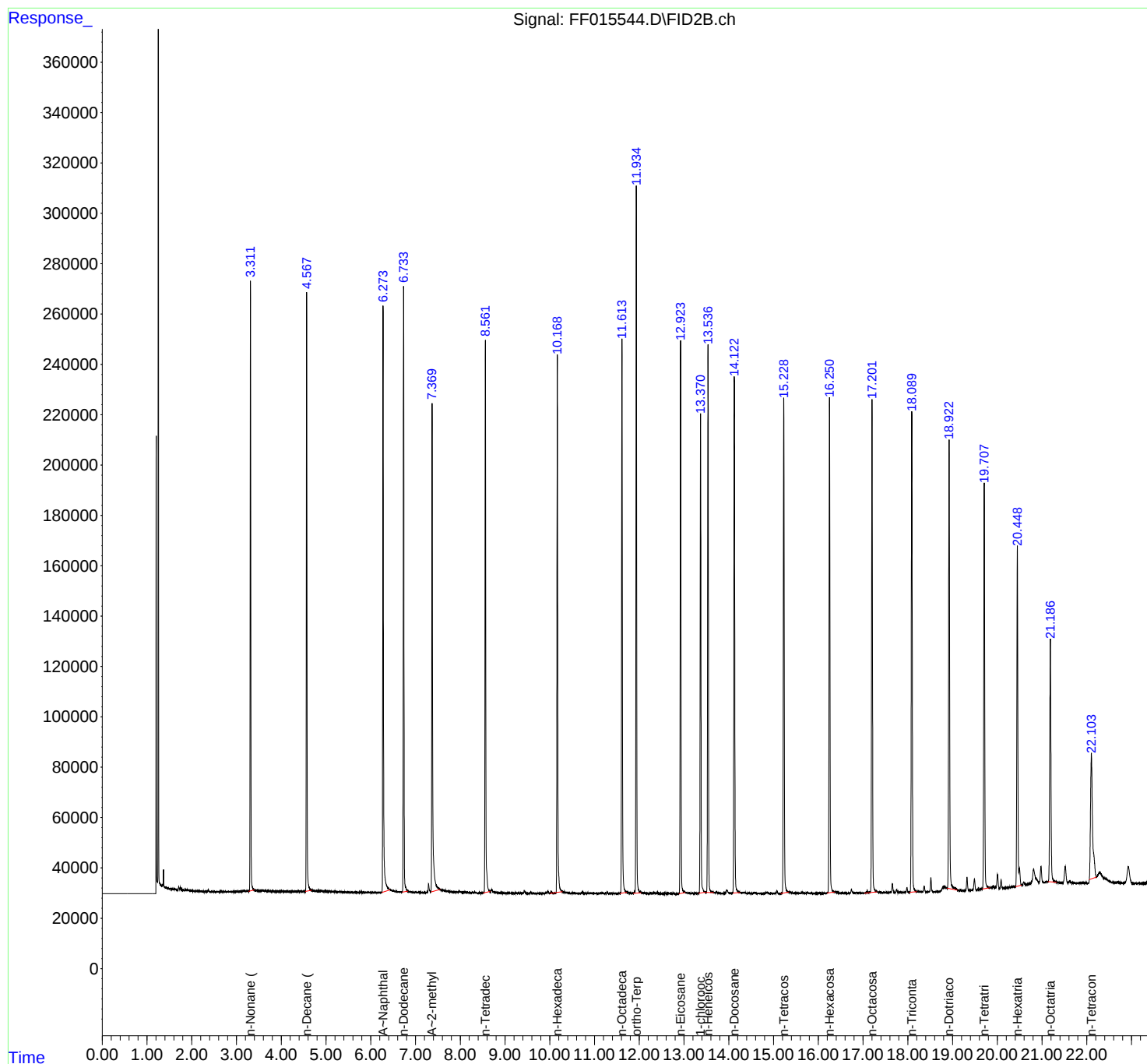
(m)=manual int.

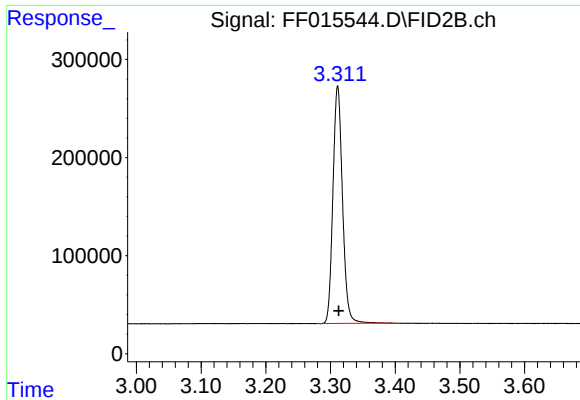
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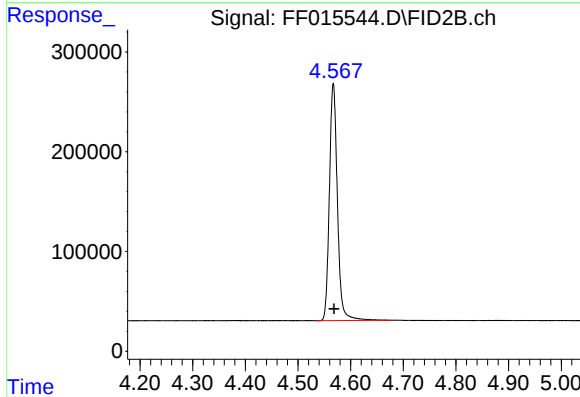




#1 n-Nonane (C9)

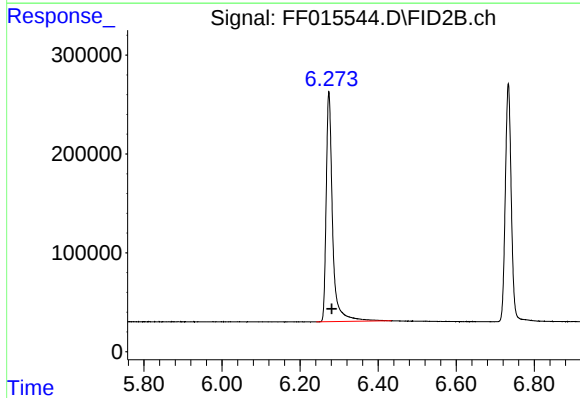
R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2489003
Conc: 19.96 ug/ml

Instrument :
FID_F
ClientSampleId :



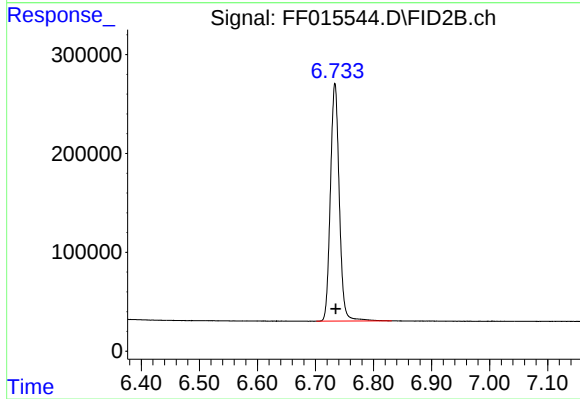
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 2516661
Conc: 20.07 ug/ml



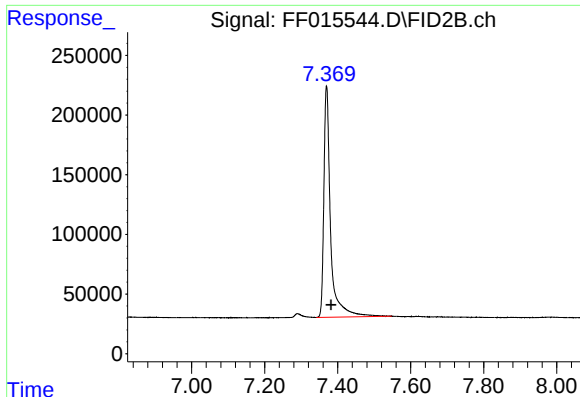
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.007 min
Response: 2651091
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

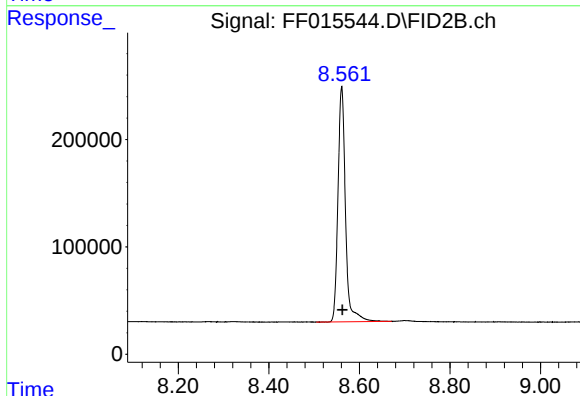
R.T.: 6.734 min
Delta R.T.: -0.001 min
Response: 2558689
Conc: 20.12 ug/ml



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

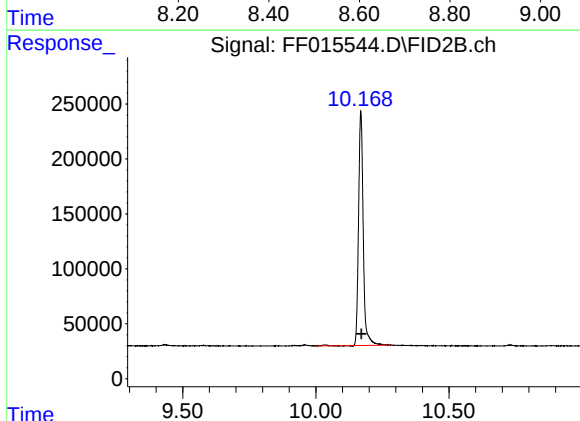
R.T.: 7.370 min
Delta R.T.: -0.012 min
Response: 2494383
Conc: 21.17 ug/ml

Instrument :
FID_F
ClientSampleId :



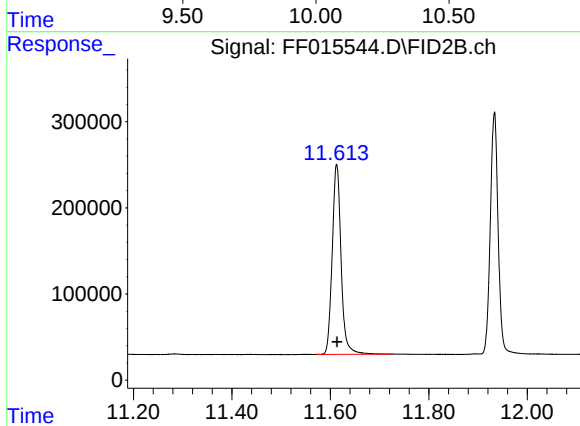
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 2523464
Conc: 20.09 ug/ml



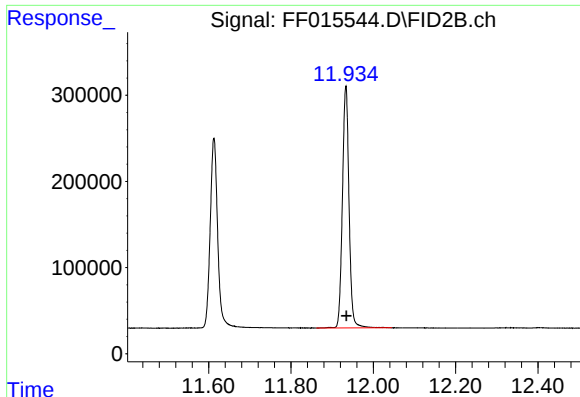
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.003 min
Response: 2614067
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

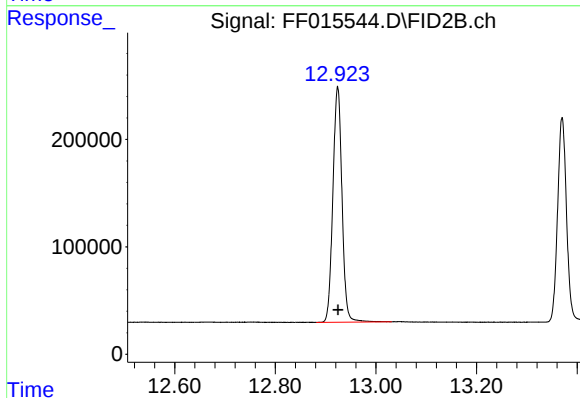
R.T.: 11.613 min
Delta R.T.: 0.000 min
Response: 2762562
Conc: 20.10 ug/ml



#9 ortho-Terphenyl (SURR)

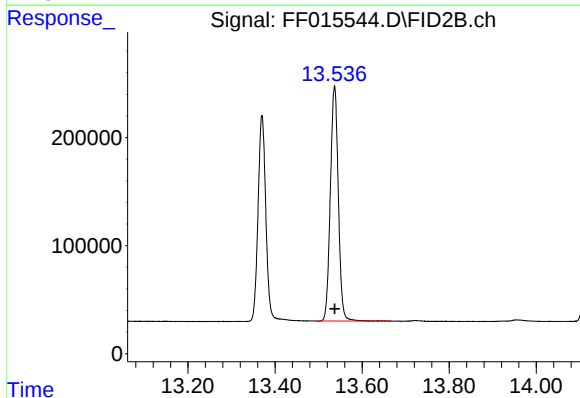
R.T.: 11.933 min
Delta R.T.: -0.001 min
Response: 3126672
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :



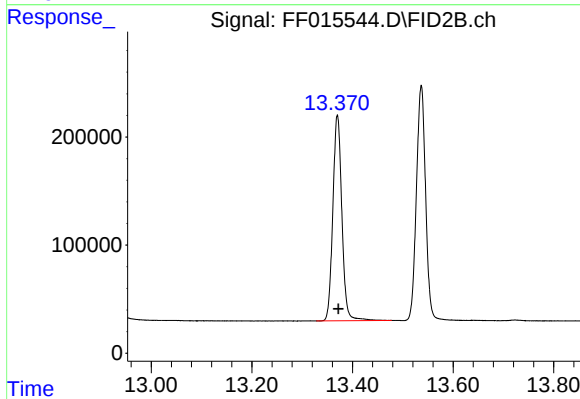
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.001 min
Response: 2755964
Conc: 19.92 ug/ml



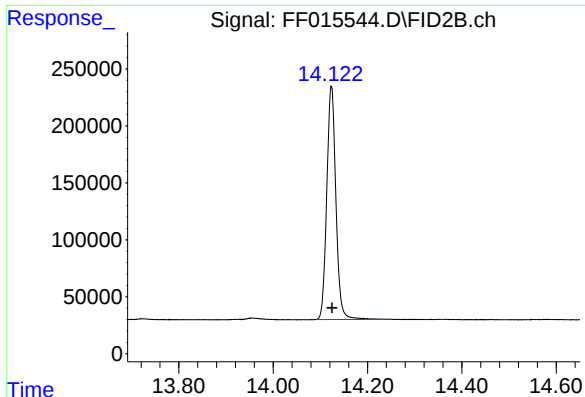
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.000 min
Response: 2766531
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

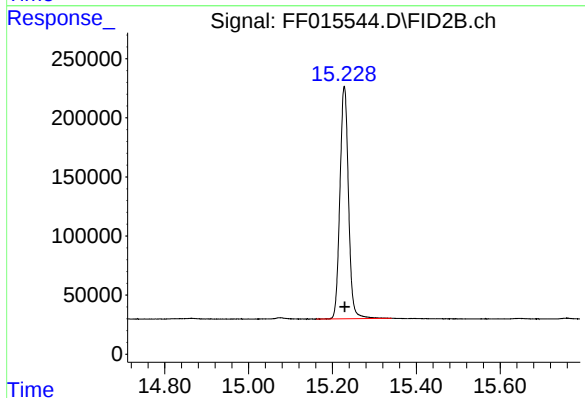
R.T.: 13.370 min
Delta R.T.: -0.002 min
Response: 2374147
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

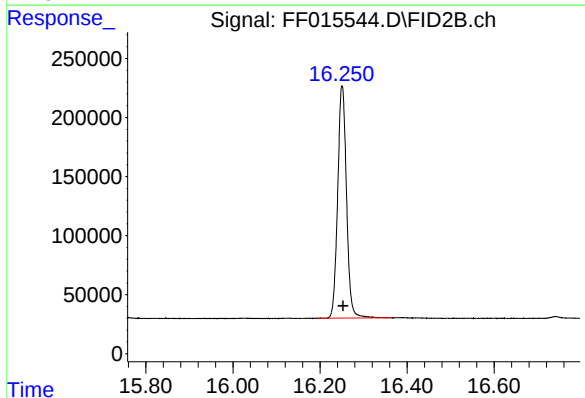
R.T.: 14.123 min
Delta R.T.: -0.002 min
Response: 2753958
Conc: 19.91 ug/ml

Instrument :
FID_F
ClientSampleId :



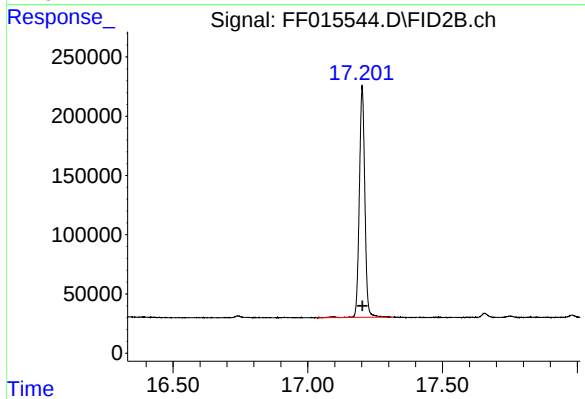
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.001 min
Response: 2786921
Conc: 19.66 ug/ml



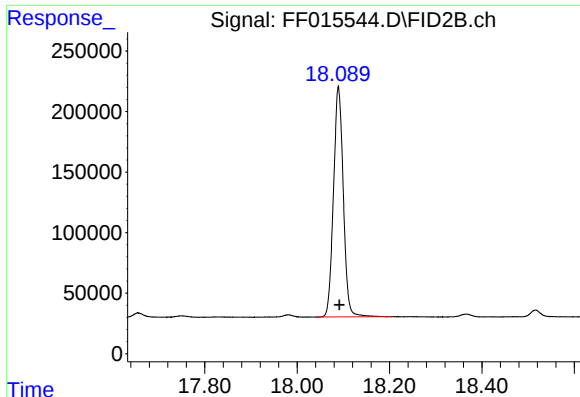
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.002 min
Response: 2771439
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

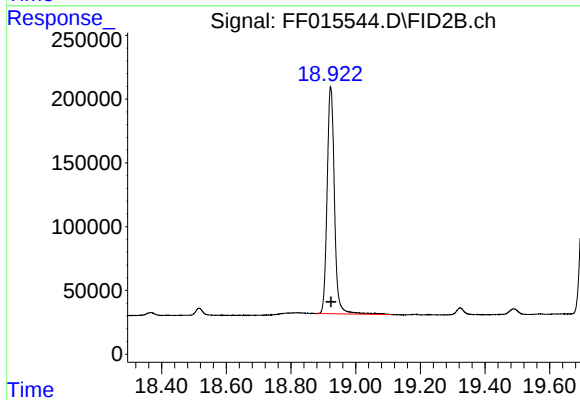
R.T.: 17.202 min
Delta R.T.: -0.002 min
Response: 2763801
Conc: 19.52 ug/ml



#17 n-Tricontane (C30)

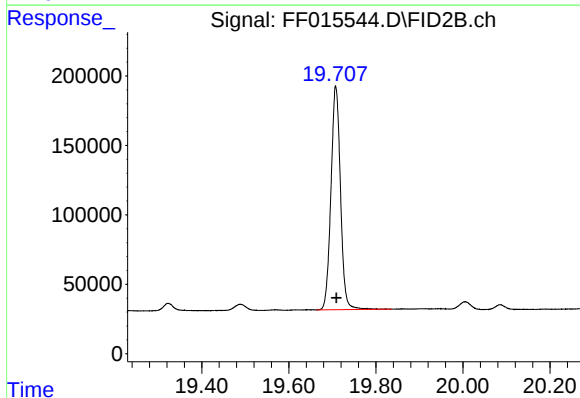
R.T.: 18.090 min
Delta R.T.: -0.002 min
Response: 2807875
Conc: 19.23 ug/ml

Instrument :
FID_F
ClientSampleId :



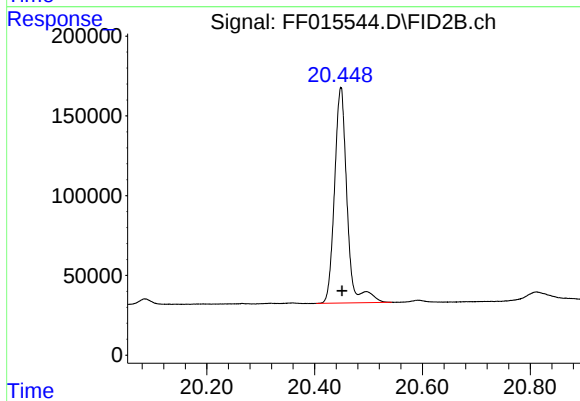
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.001 min
Response: 2808047
Conc: 19.61 ug/ml



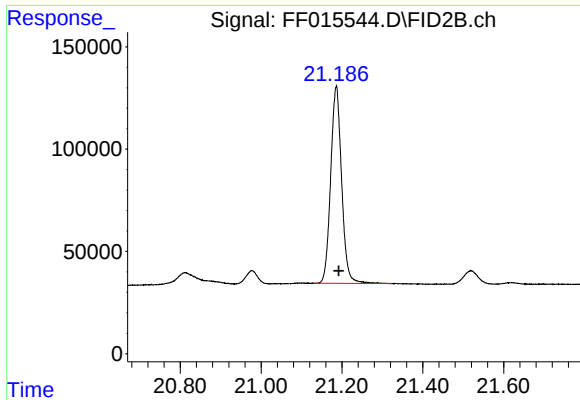
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.001 min
Response: 2441766
Conc: 19.31 ug/ml



#20 n-Hexatriacontane (C36)

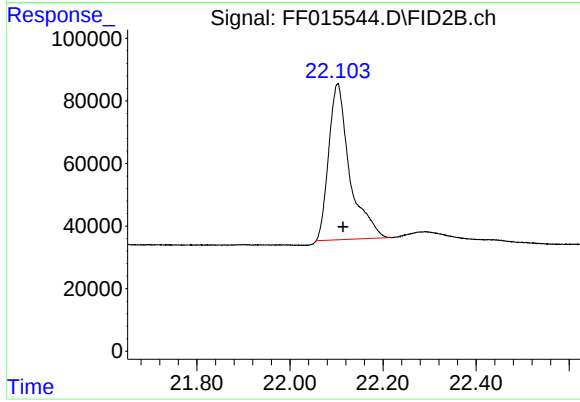
R.T.: 20.448 min
Delta R.T.: -0.003 min
Response: 2179678
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.006 min
Response: 1808409
Conc: 20.02 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.012 min
Response: 1559512
Conc: 20.11 ug/ml