

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021224AL\
 Data File : FG013491.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2024 15:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 12 22:32:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:32:16 2024
 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)	11.966	2890821	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.408	2194096	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.329	2596290	20.000 ug/ml
2) T n-Decane (C10)	4.583	2657998	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.288	2909377	20.000 ug/ml
4) T n-Dodecane (C12)	6.753	2692682	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.386	2819614	20.000 ug/ml
6) T n-Tetradecane (C14)	8.585	2677291	20.000 ug/ml
7) T n-Hexadecane (C16)	10.199	2763584	20.000 ug/ml
8) T n-Octadecane (C18)	11.647	2783065	20.000 ug/ml
10) T n-Eicosane (C20)	12.962	2657902	20.000 ug/ml
11) T n-Heneicosane (C21)	13.576	2604179	20.000 ug/ml
13) T n-Docosane (C22)	14.165	2579354	20.000 ug/ml
14) T n-Tetracosane (C24)	15.272	2532782	20.000 ug/ml
15) T n-Hexacosane (C26)	16.296	2451829	20.000 ug/ml
16) T n-Octacosane (C28)	17.250	2356392	20.000 ug/ml
17) T n-Tricontane (C30)	18.141	2353208	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.978	2267522	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.764	2176241	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.506	2083941	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.260	2072852	20.000 ug/ml
22) T n-Tetracontane (C40)	22.205	2050805	20.000 ug/ml

(f)=RT Delta > 1/2 Window

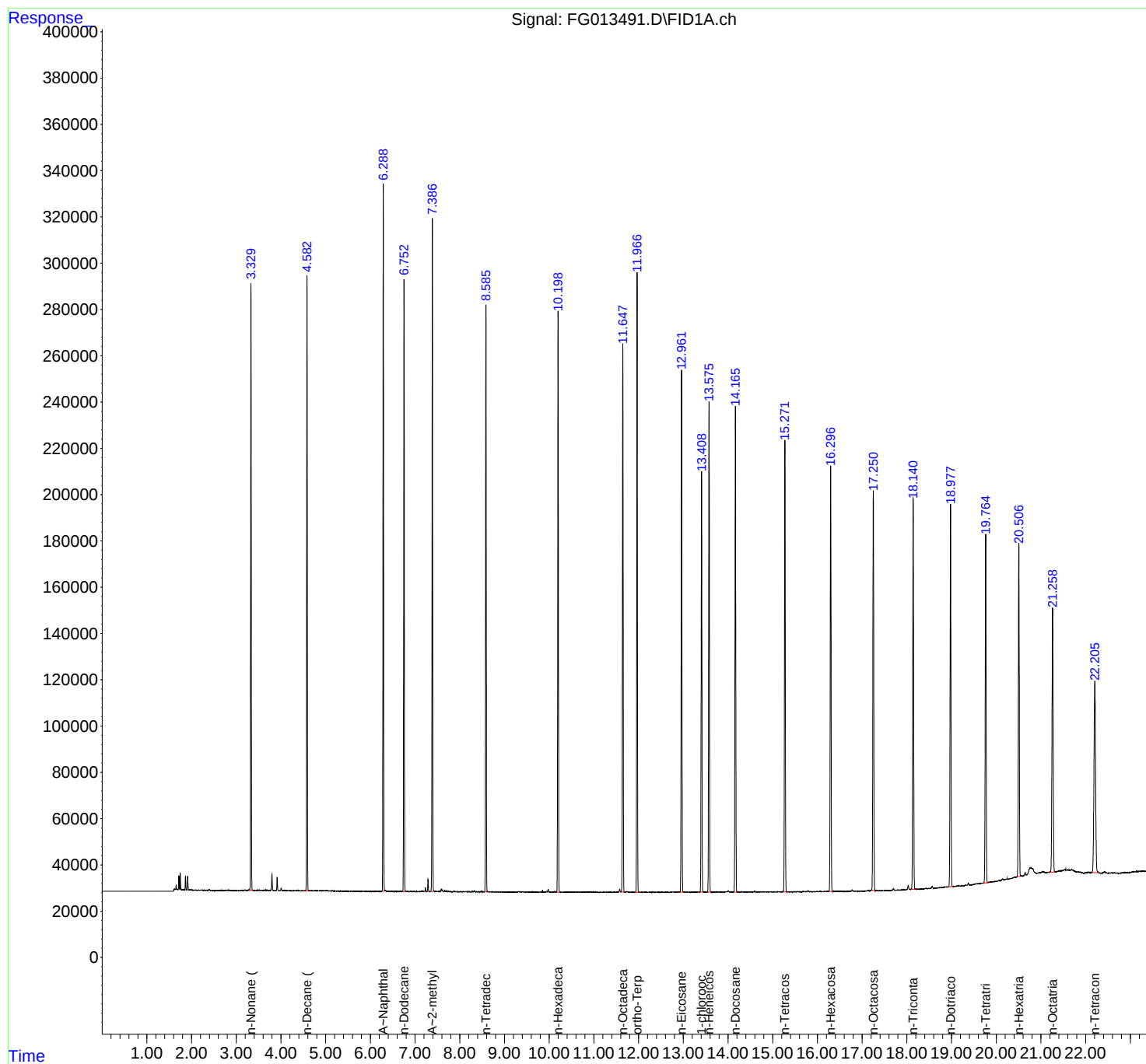
(m)=manual int.

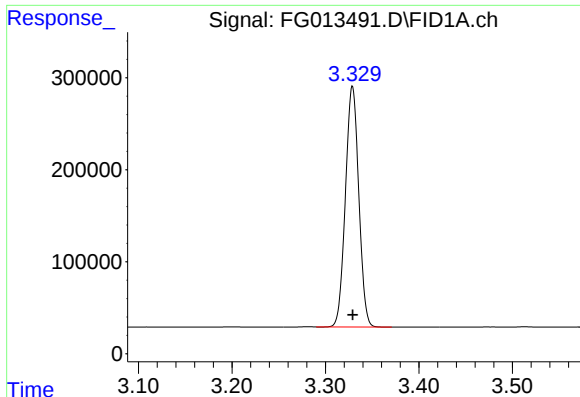
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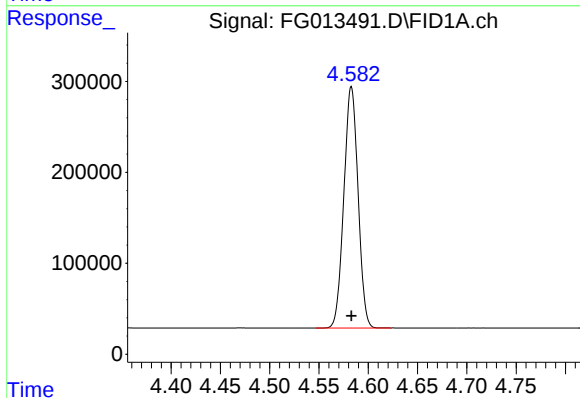




#1 n-Nonane (C9)

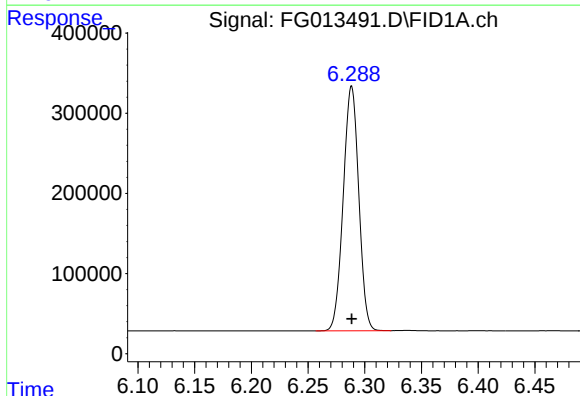
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 2596290
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



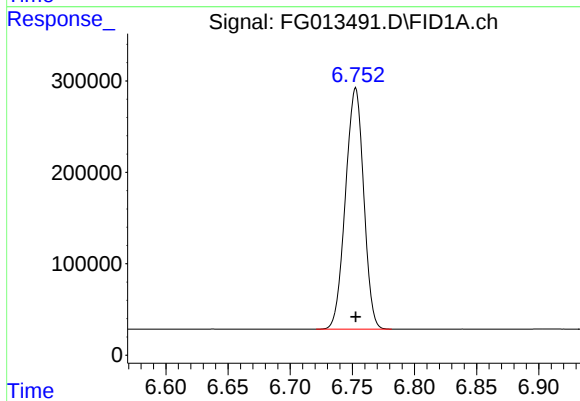
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 2657998
Conc: 20.00 ug/ml



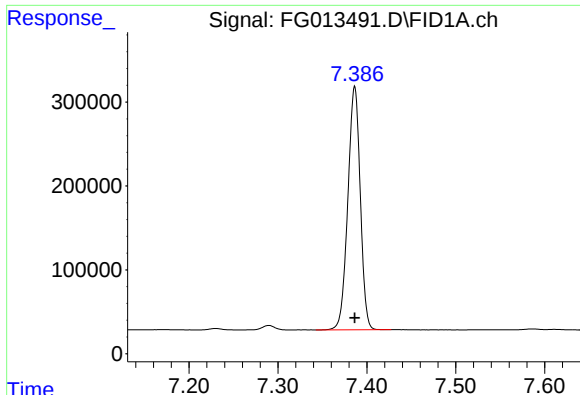
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 2909377
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

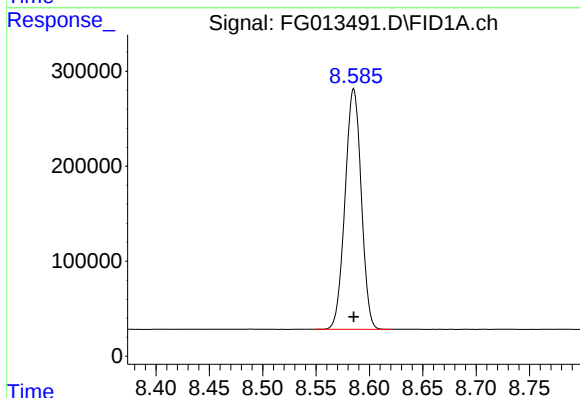
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 2692682
Conc: 20.00 ug/ml



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

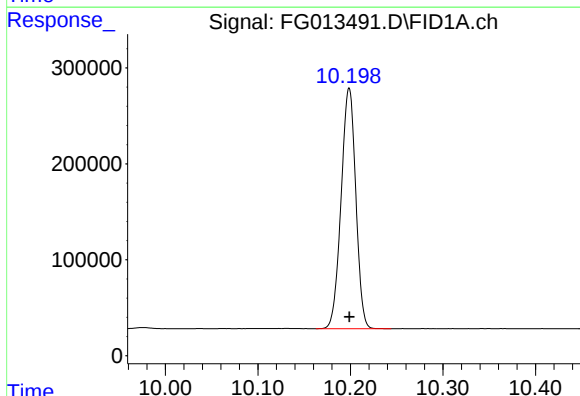
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2819614
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



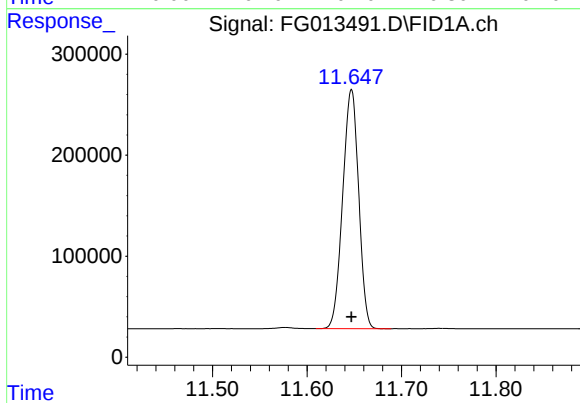
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 2677291
Conc: 20.00 ug/ml



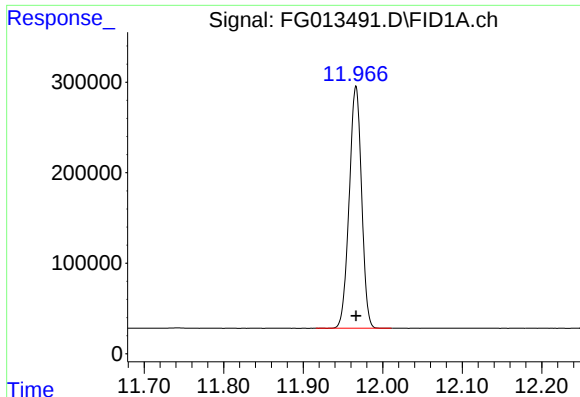
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: 0.000 min
Response: 2763584
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

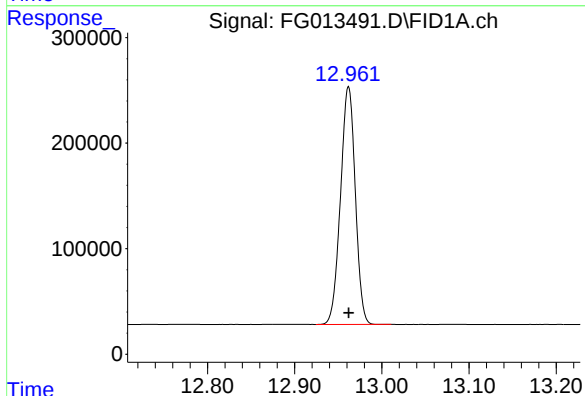
R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 2783065
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

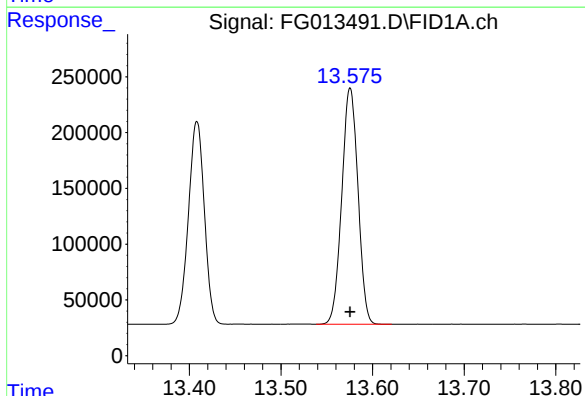
R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 2890821
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



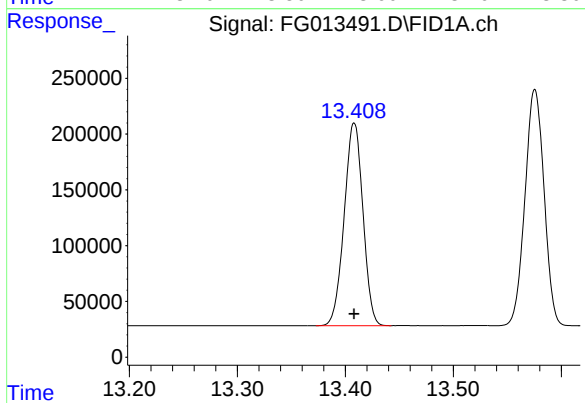
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 2657902
Conc: 20.00 ug/ml



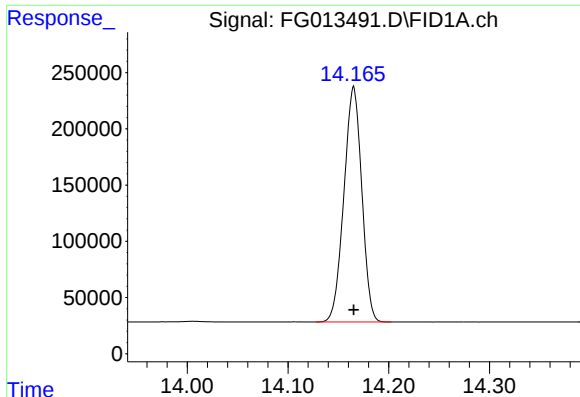
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.000 min
Response: 2604179
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

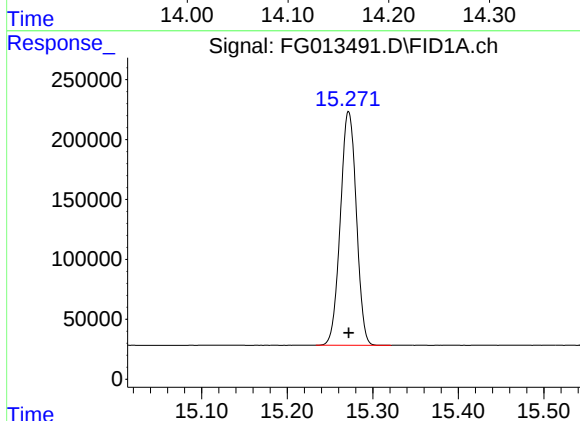
R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2194096
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

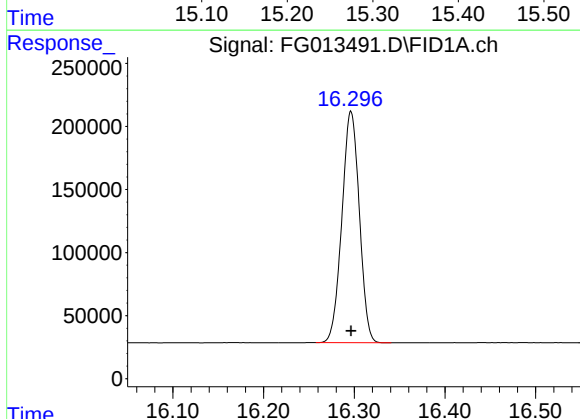
R.T.: 14.165 min
Delta R.T.: 0.000 min
Response: 2579354
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



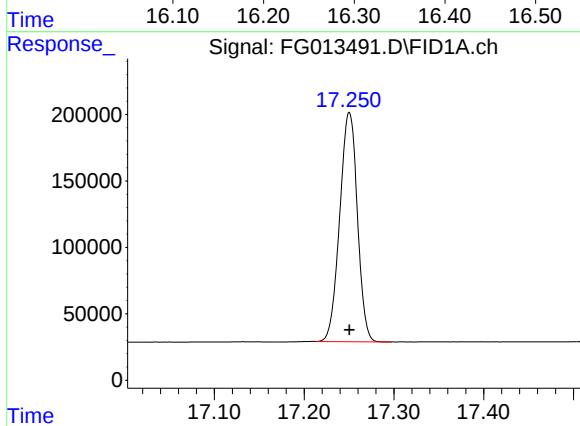
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.000 min
Response: 2532782
Conc: 20.00 ug/ml



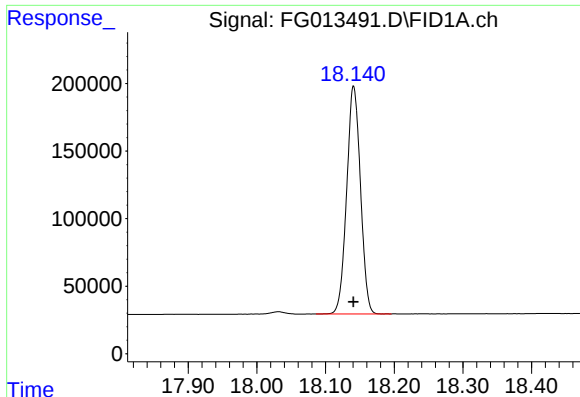
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.000 min
Response: 2451829
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

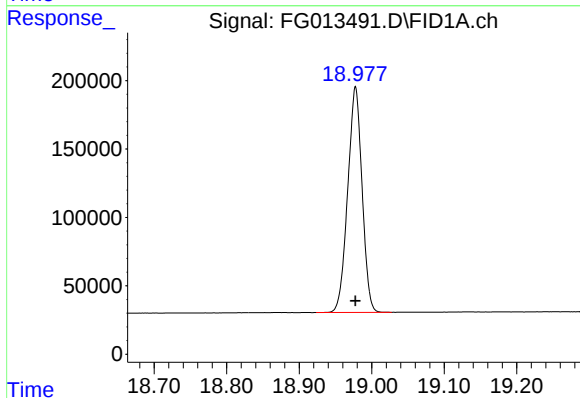
R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 2356392
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

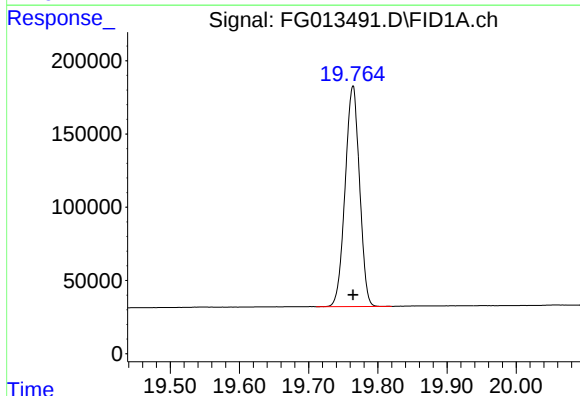
R.T.: 18.141 min
Delta R.T.: 0.000 min
Response: 2353208
Conc: 20.00 ug/ml

Instrument :
FID_G
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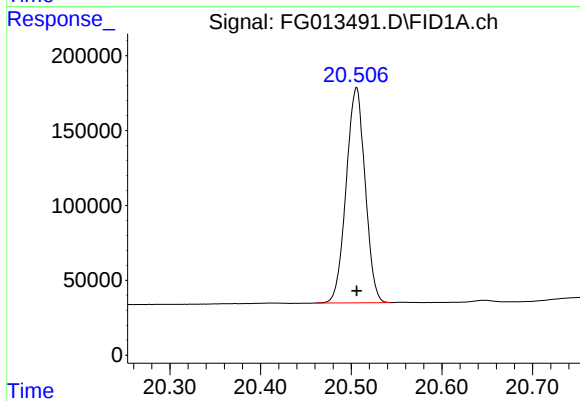
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: 0.000 min
Response: 2267522
Conc: 20.00 ug/ml



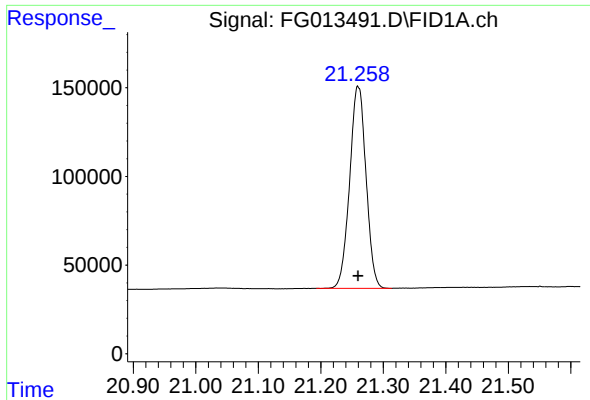
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 2176241
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

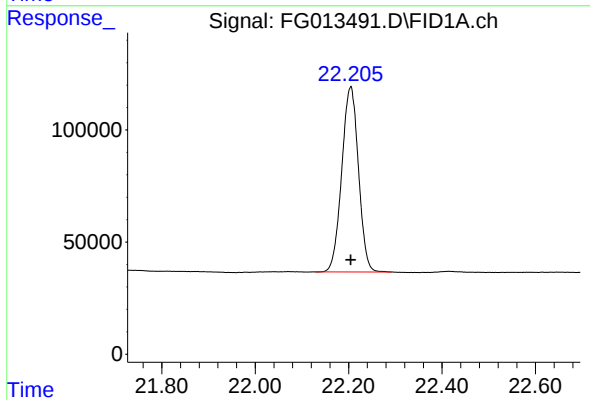
R.T.: 20.506 min
Delta R.T.: 0.000 min
Response: 2083941
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 2072852
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.205 min
Delta R.T.: 0.000 min
Response: 2050805
Conc: 20.00 ug/ml