

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042325AL\
 Data File : FG015753.D
 Signal(s) : FID1A.ch
 Acq On : 23 Apr 2025 11:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 24 04:14:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:40:13 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)	11.897	2899597	20.001 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.342	2184092	20.653 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.243	2124150	19.008 ug/ml
2) T n-Decane (C10)	4.503	2160075	19.263 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2264184	19.515 ug/ml
4) T n-Dodecane (C12)	6.684	2221592	19.430 ug/ml
5) T A~2-methylnaphthalene...	7.319	2204341	19.801 ug/ml
6) T n-Tetradecane (C14)	8.520	2230419	19.573 ug/ml
7) T n-Hexadecane (C16)	10.133	2313005	19.781 ug/ml
8) T n-Octadecane (C18)	11.582	2381498	19.909 ug/ml
10) T n-Eicosane (C20)	12.896	2383911	20.034 ug/ml
11) T n-Heneicosane (C21)	13.509	2374163	20.072 ug/ml
13) T n-Docosane (C22)	14.098	2372726	20.346 ug/ml
14) T n-Tetracosane (C24)	15.204	2347856	20.372 ug/ml
15) T n-Hexacosane (C26)	16.228	2306102	20.651 ug/ml
16) T n-Octacosane (C28)	17.182	2299582	21.130 ug/ml
17) T n-Tricontane (C30)	18.072	2381188	21.861 ug/ml
18) T n-Dotriacontane (C32)	18.905	2376215	22.087 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2212840	21.718 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2099536	21.463 ug/ml
21) T n-Octatriacontane (C38)	21.171	1986941	21.768 ug/ml
22) T n-Tetracontane (C40)	22.091	1931696	22.873 ug/ml

(f)=RT Delta > 1/2 Window

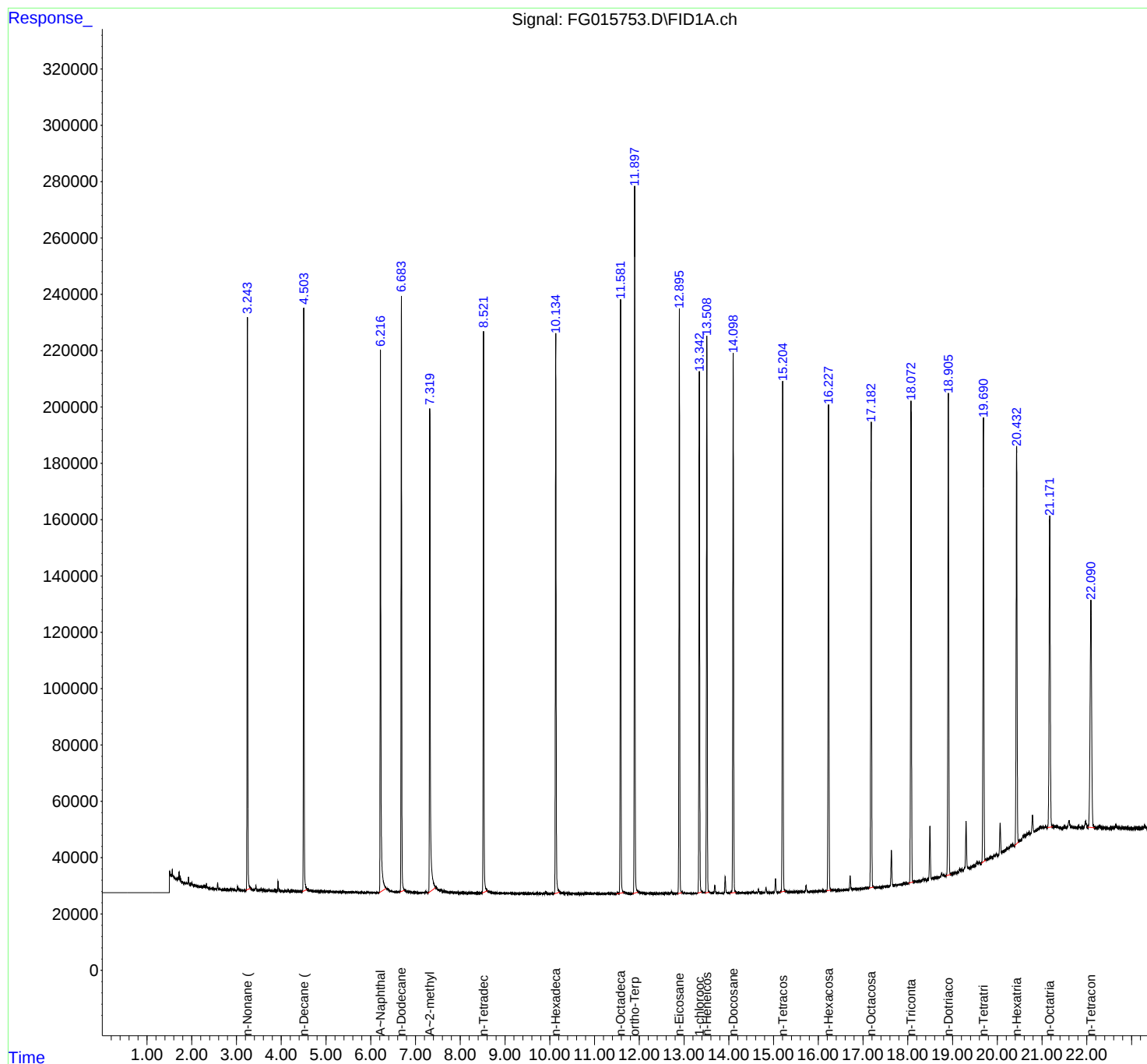
(m)=manual int.

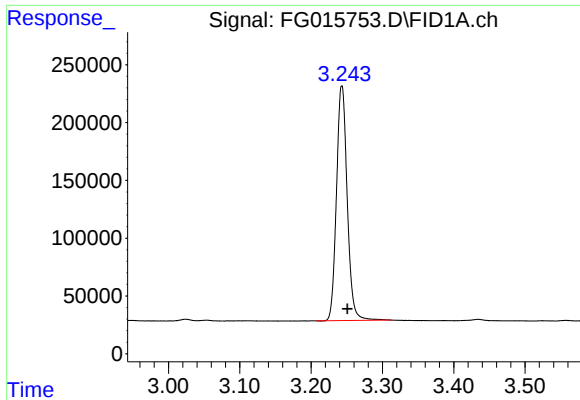
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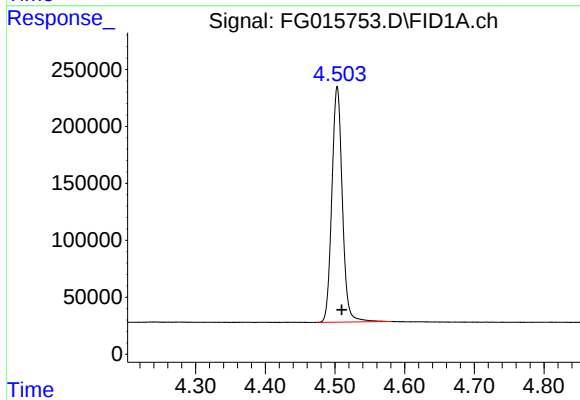




#1 n-Nonane (C9)

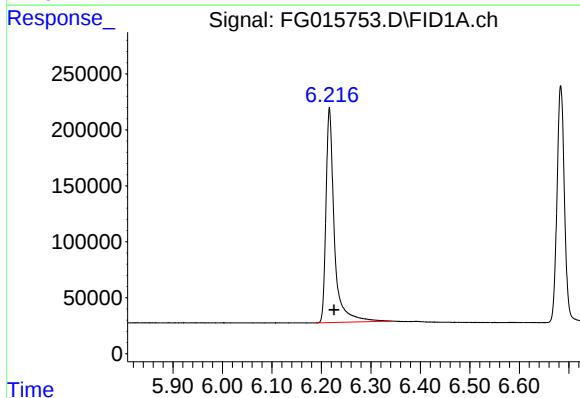
R.T.: 3.243 min
Delta R.T.: -0.008 min
Response: 2124150
Conc: 19.01 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



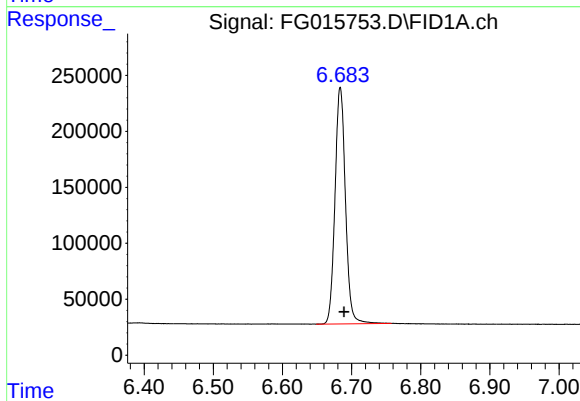
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.006 min
Response: 2160075
Conc: 19.26 ug/ml



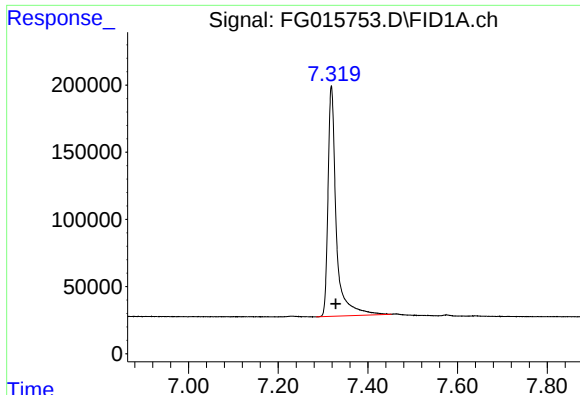
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.009 min
Response: 2264184
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

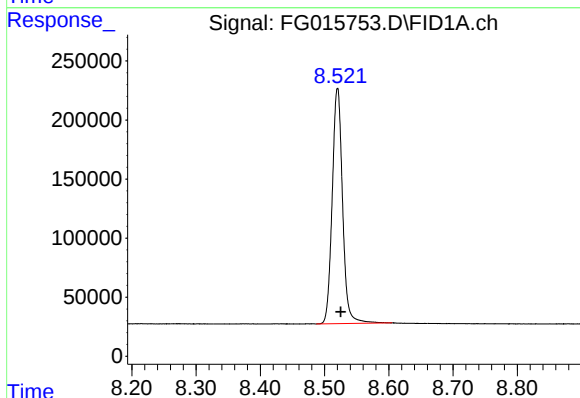
R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 2221592
Conc: 19.43 ug/ml



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

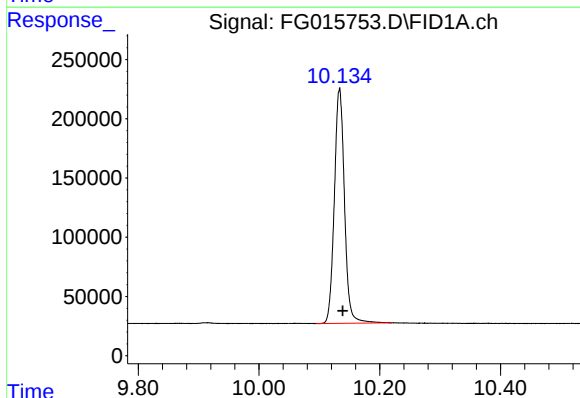
R.T.: 7.319 min
Delta R.T.: -0.010 min
Response: 2204341
Conc: 19.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



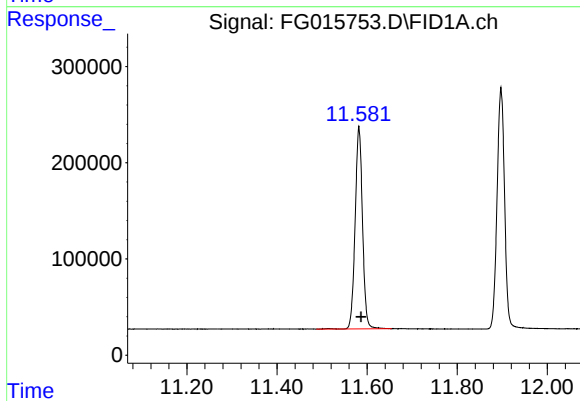
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.005 min
Response: 2230419
Conc: 19.57 ug/ml



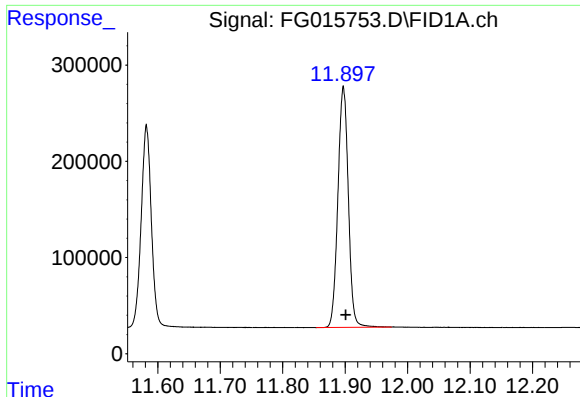
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.005 min
Response: 2313005
Conc: 19.78 ug/ml



#8 n-Octadecane (C18)

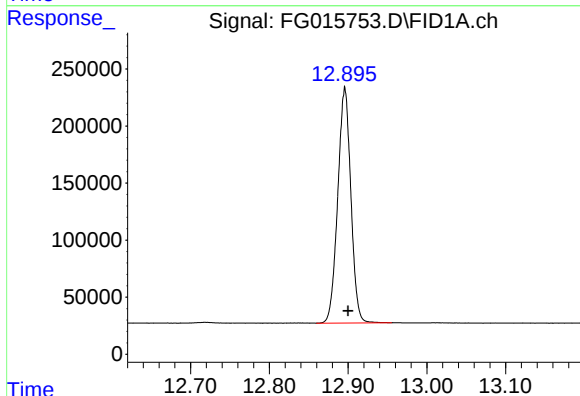
R.T.: 11.582 min
Delta R.T.: -0.004 min
Response: 2381498
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

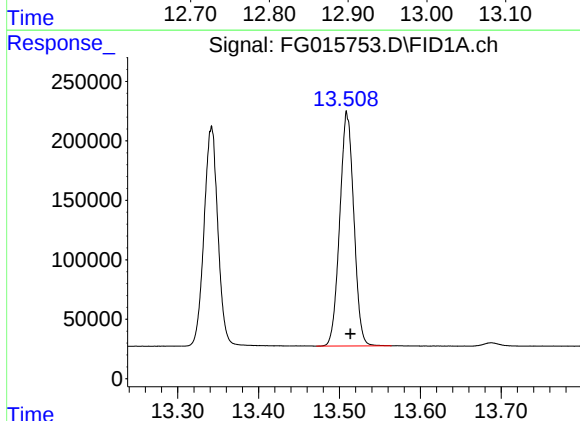
R.T.: 11.897 min
Delta R.T.: -0.004 min
Response: 2899597
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



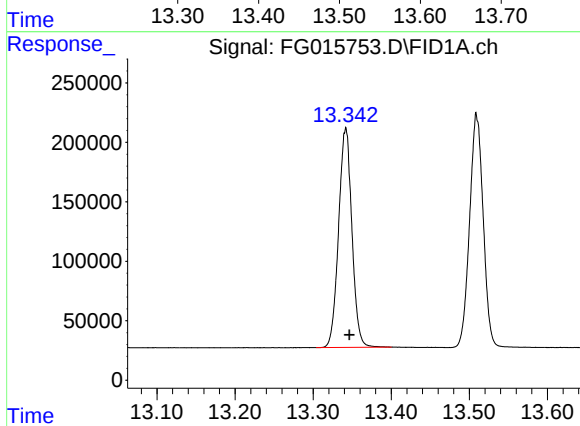
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.004 min
Response: 2383911
Conc: 20.03 ug/ml



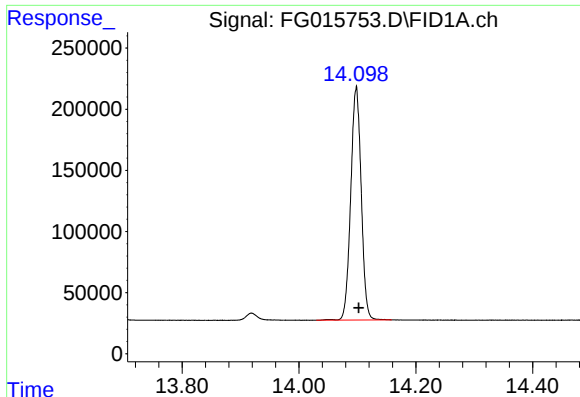
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 2374163
Conc: 20.07 ug/ml



#12 1-chlorooctadecane (SURR)

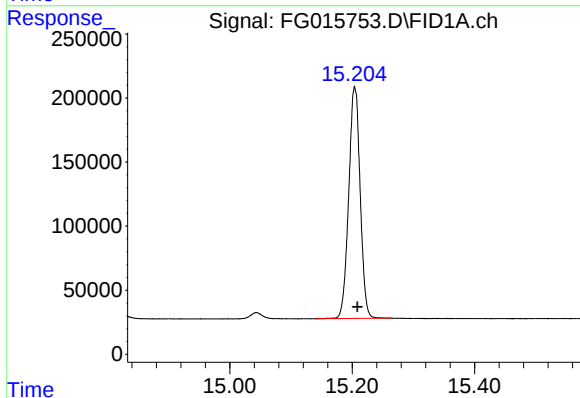
R.T.: 13.342 min
Delta R.T.: -0.005 min
Response: 2184092
Conc: 20.65 ug/ml



#13 n-Docosane (C22)

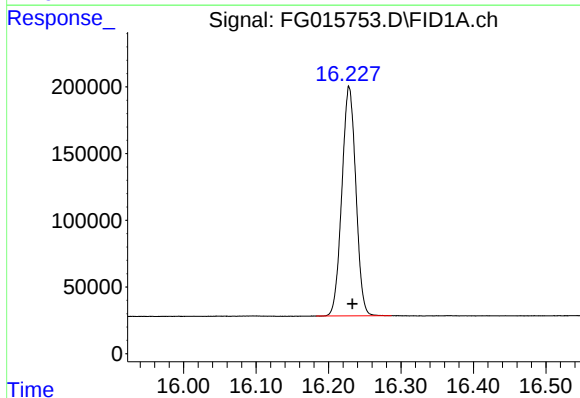
R.T.: 14.098 min
Delta R.T.: -0.004 min
Response: 2372726
Conc: 20.35 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



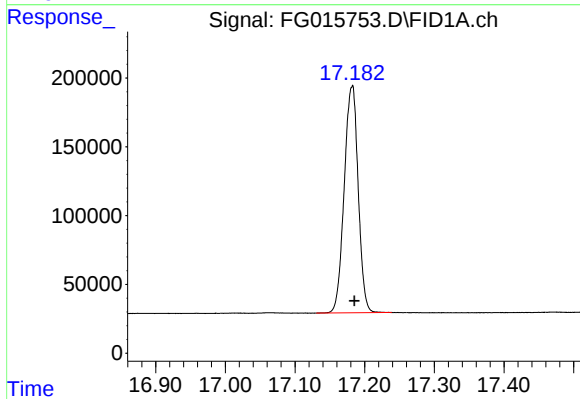
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: -0.005 min
Response: 2347856
Conc: 20.37 ug/ml



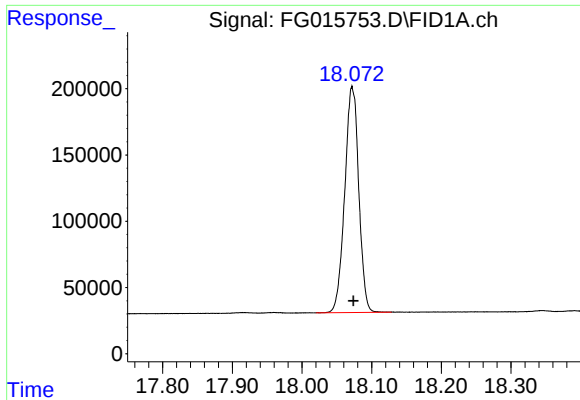
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: -0.004 min
Response: 2306102
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

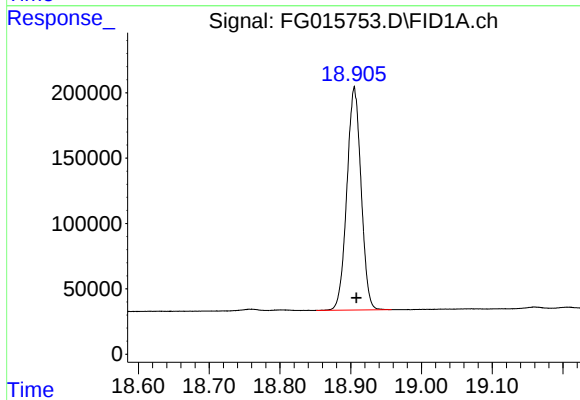
R.T.: 17.182 min
Delta R.T.: -0.003 min
Response: 2299582
Conc: 21.13 ug/ml



#17 n-Tricontane (C30)

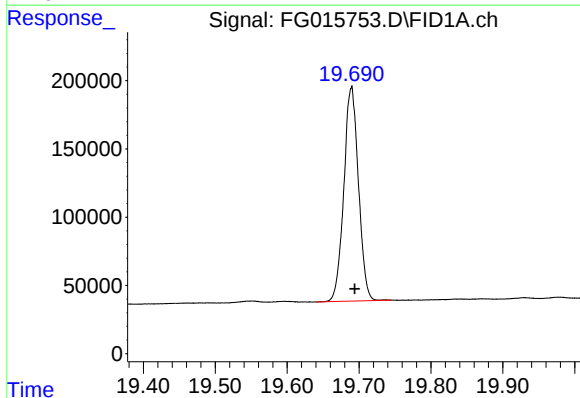
R.T.: 18.072 min
Delta R.T.: -0.002 min
Response: 2381188
Conc: 21.86 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



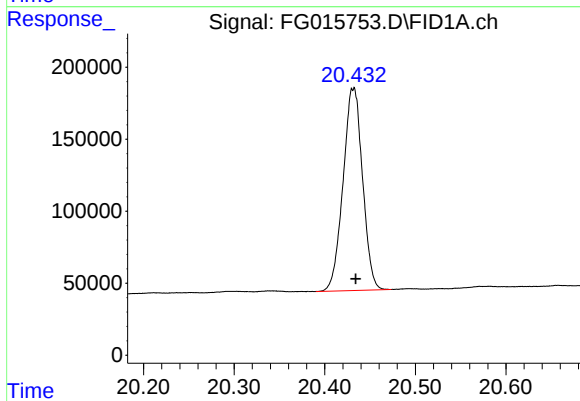
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.003 min
Response: 2376215
Conc: 22.09 ug/ml



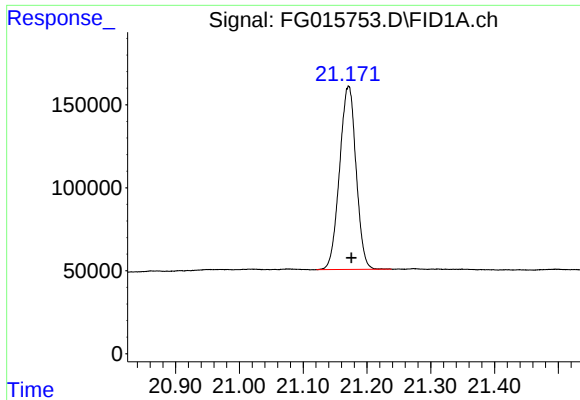
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.005 min
Response: 2212840
Conc: 21.72 ug/ml



#20 n-Hexatriacontane (C36)

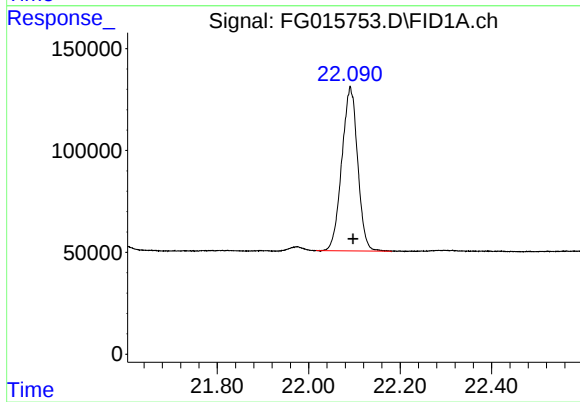
R.T.: 20.432 min
Delta R.T.: -0.003 min
Response: 2099536
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.004 min
Response: 1986941
Conc: 21.77 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.006 min
Response: 1931696
Conc: 22.87 ug/ml