

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042225AL\
 Data File : FG015733.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 12:08
 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 23 02:41:23 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)	11.899	2929142	20.205 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.344	2120392	20.051 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T n-Nonane (C9)	3.245	2208934	19.767 ug/ml
2) T n-Decane (C10)	4.505	2236854	19.948 ug/ml
3) T A~Naphthalene (C11.7)	6.218	2317499	19.975 ug/ml
4) T n-Dodecane (C12)	6.686	2299643	20.113 ug/ml
5) T A~2-methylnaphthalene...	7.320	2220841	19.949 ug/ml
6) T n-Tetradecane (C14)	8.522	2308466	20.257 ug/ml
7) T n-Hexadecane (C16)	10.135	2368480	20.256 ug/ml
8) T n-Octadecane (C18)	11.584	2420825	20.238 ug/ml
10) T n-Eicosane (C20)	12.897	2396558	20.140 ug/ml
11) T n-Heneicosane (C21)	13.512	2375007	20.079 ug/ml
13) T n-Docosane (C22)	14.100	2351904	20.168 ug/ml
14) T n-Tetracosane (C24)	15.207	2304186	19.993 ug/ml
15) T n-Hexacosane (C26)	16.231	2250071	20.149 ug/ml
16) T n-Octacosane (C28)	17.183	2223816	20.434 ug/ml
17) T n-Tricontane (C30)	18.073	2284184	20.971 ug/ml
18) T n-Dotriacontane (C32)	18.905	2270474	21.104 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2113574	20.743 ug/ml
20) T n-Hexatriacontane (C36)	20.433	1976060	20.201 ug/ml
21) T n-Octatriacontane (C38)	21.173	1785526	19.562 ug/ml
22) T n-Tetracontane (C40)	22.094	1568829	18.576 ug/ml

(f)=RT Delta > 1/2 Window

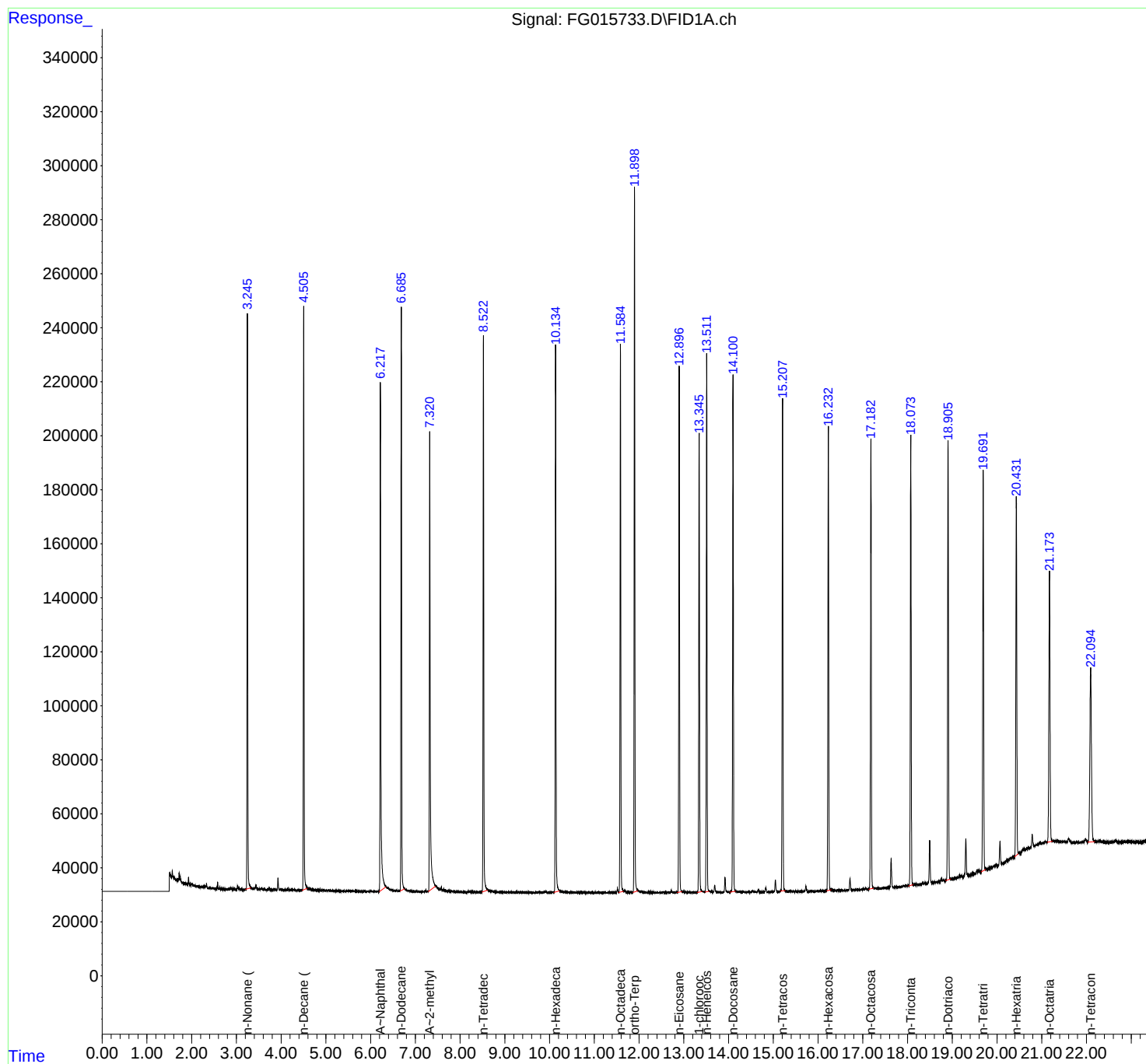
(m)=manual int.

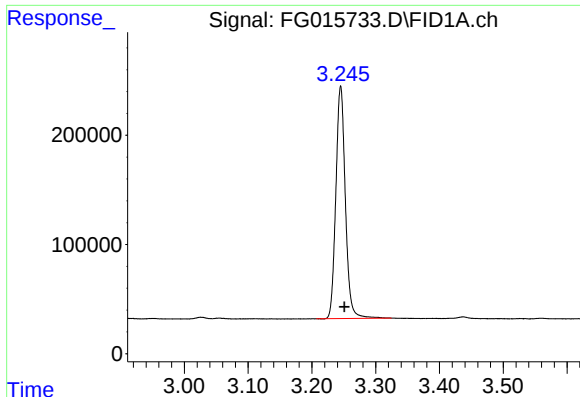
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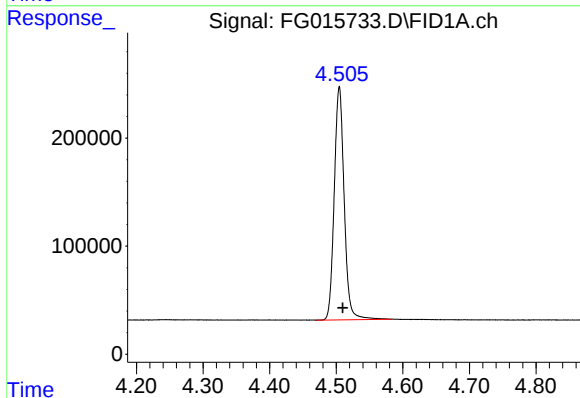




#1 n-Nonane (C9)

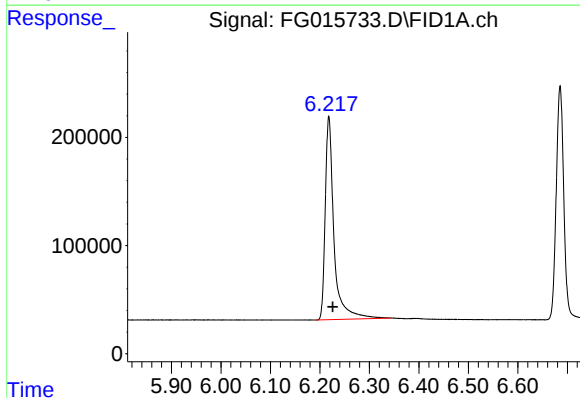
R.T.: 3.245 min
Delta R.T.: -0.006 min
Response: 2208934
Conc: 19.77 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



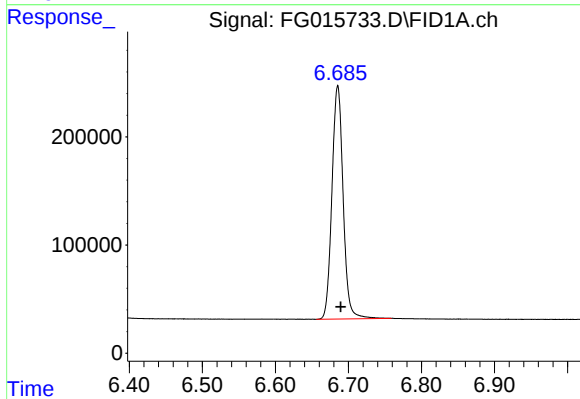
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.005 min
Response: 2236854
Conc: 19.95 ug/ml



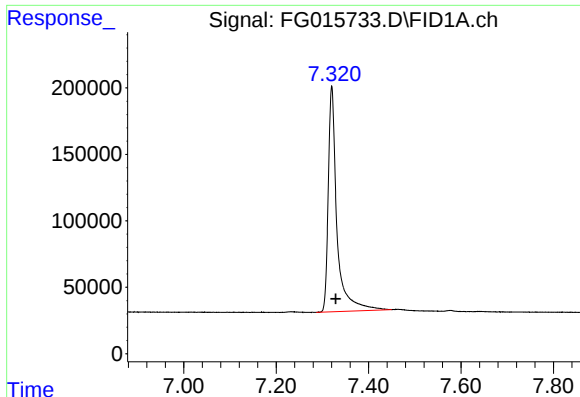
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.007 min
Response: 2317499
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

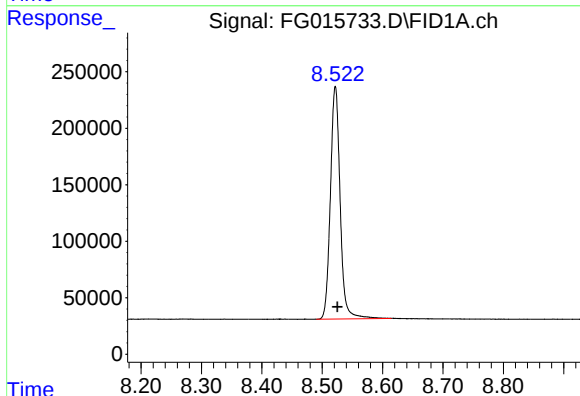
R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 2299643
Conc: 20.11 ug/ml



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

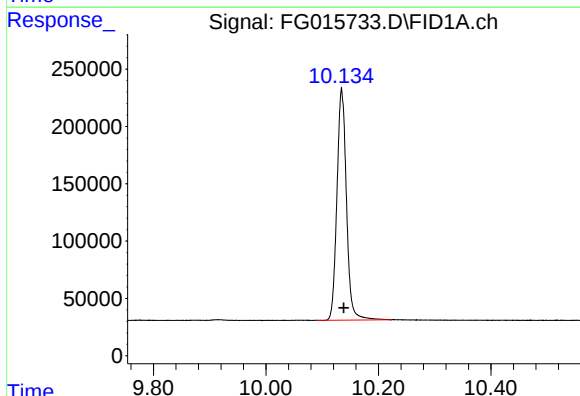
R.T.: 7.320 min
Delta R.T.: -0.008 min
Response: 2220841
Conc: 19.95 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



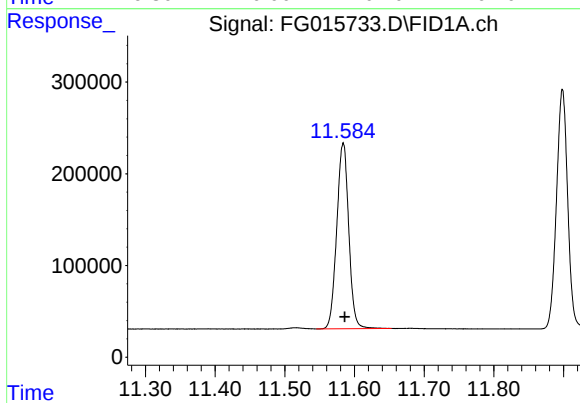
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.003 min
Response: 2308466
Conc: 20.26 ug/ml



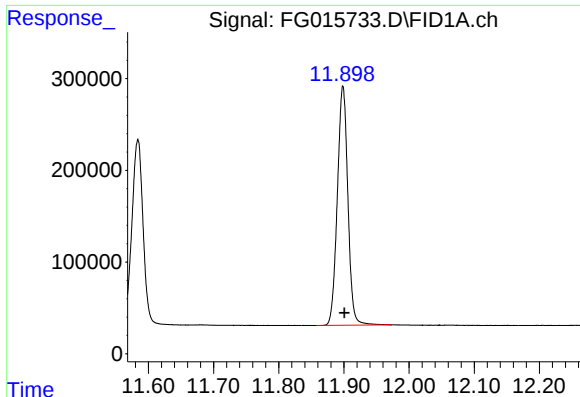
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.004 min
Response: 2368480
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

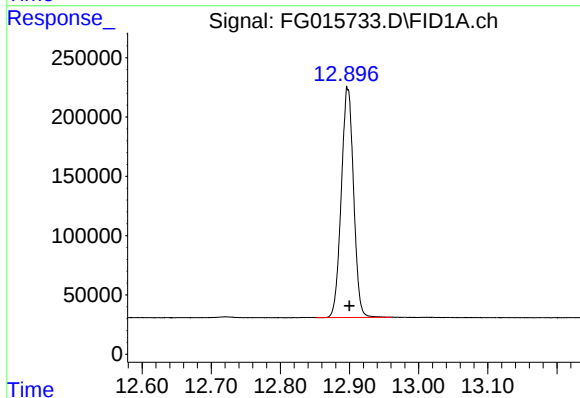
R.T.: 11.584 min
Delta R.T.: -0.002 min
Response: 2420825
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

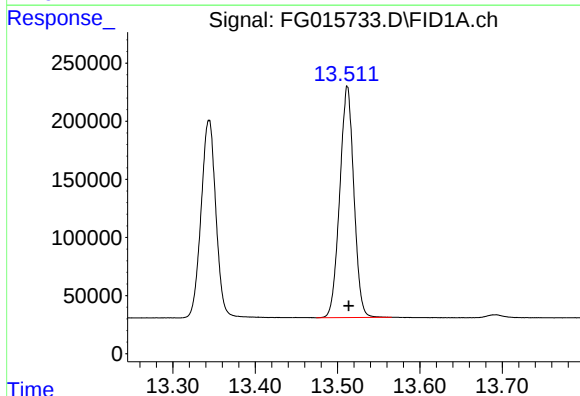
R.T.: 11.899 min
Delta R.T.: -0.002 min
Response: 2929142
Conc: 20.20 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



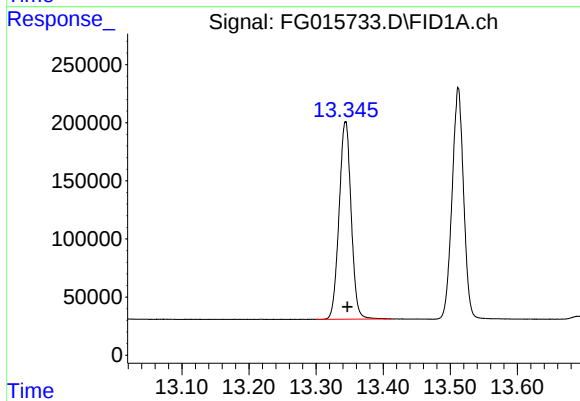
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.002 min
Response: 2396558
Conc: 20.14 ug/ml



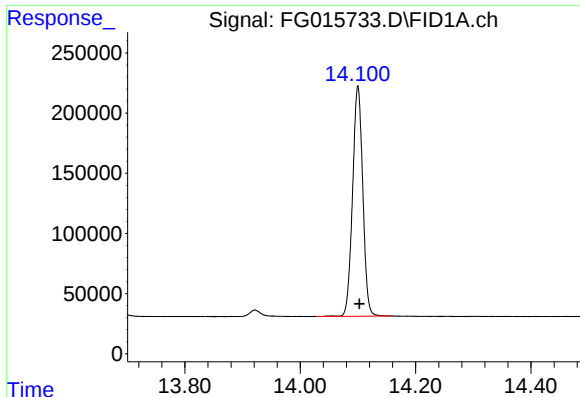
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.002 min
Response: 2375007
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

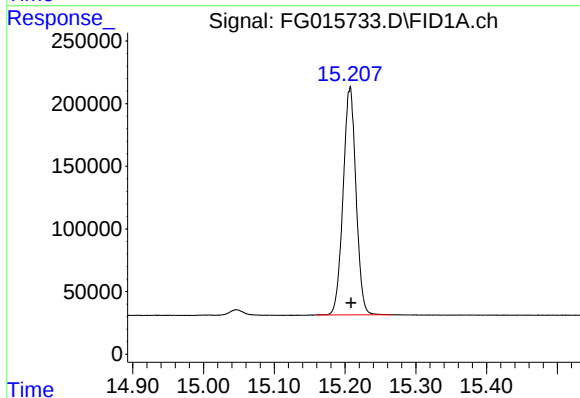
R.T.: 13.344 min
Delta R.T.: -0.003 min
Response: 2120392
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

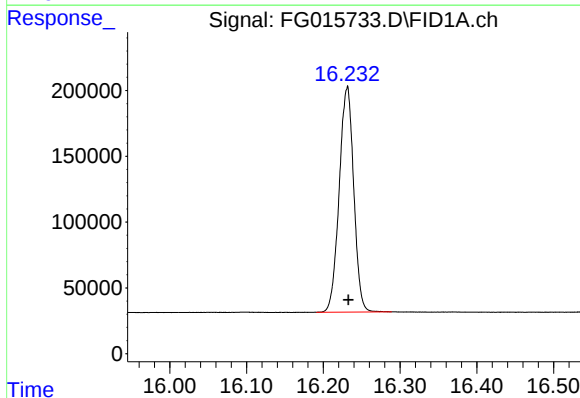
R.T.: 14.100 min
Delta R.T.: -0.002 min
Response: 2351904
Conc: 20.17 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



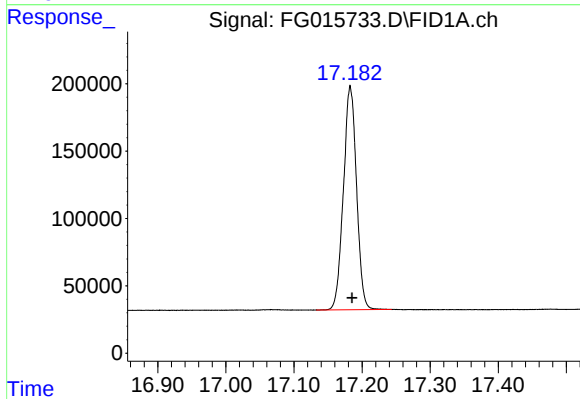
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.002 min
Response: 2304186
Conc: 19.99 ug/ml



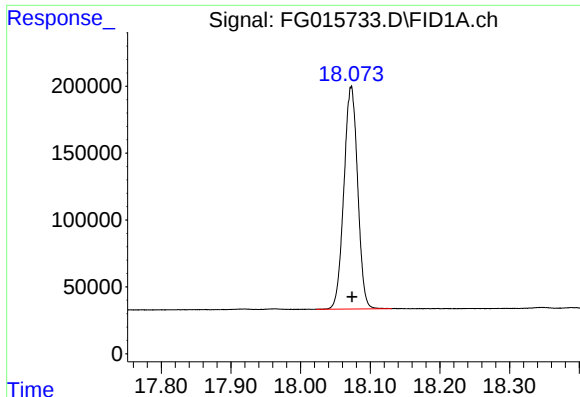
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.001 min
Response: 2250071
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

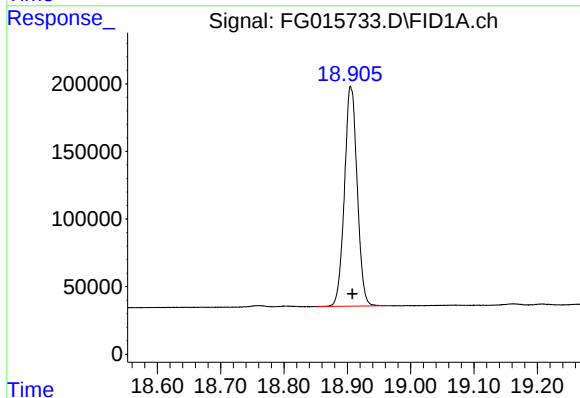
R.T.: 17.183 min
Delta R.T.: -0.003 min
Response: 2223816
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

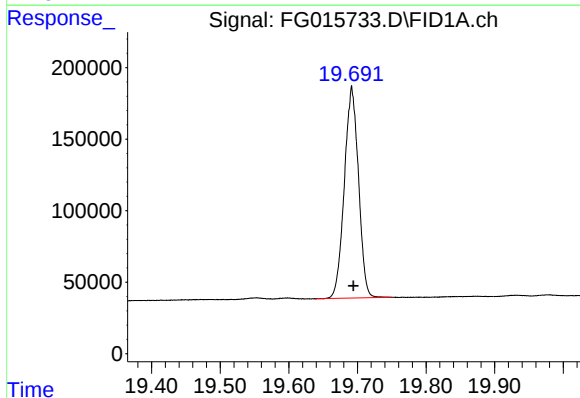
R.T.: 18.073 min
Delta R.T.: -0.001 min
Response: 2284184
Conc: 20.97 ug/ml

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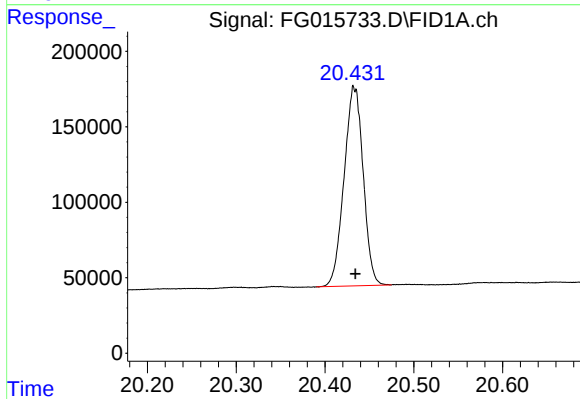
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.003 min
Response: 2270474
Conc: 21.10 ug/ml



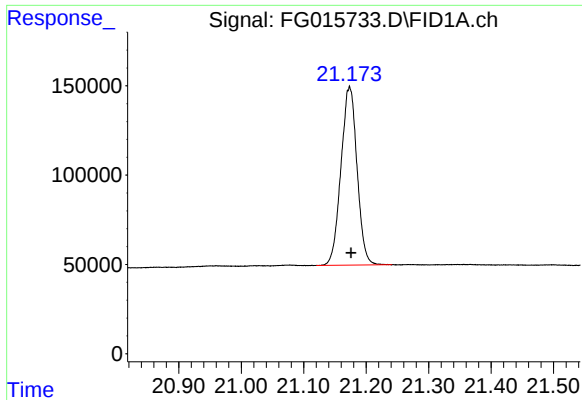
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.002 min
Response: 2113574
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

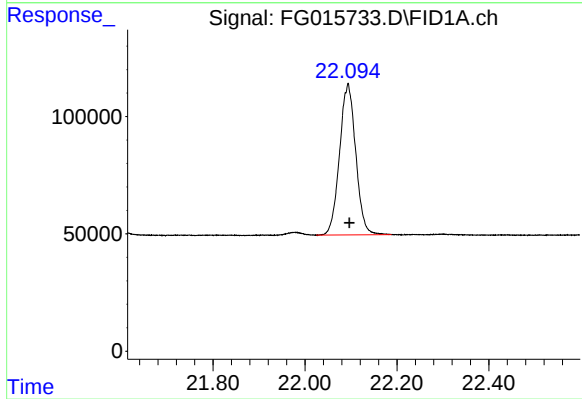
R.T.: 20.433 min
Delta R.T.: -0.001 min
Response: 1976060
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.002 min
Response: 1785526
Conc: 19.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.003 min
Response: 1568829
Conc: 18.58 ug/ml