

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082925AL\
 Data File : FG016463.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 04:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 29 05:41:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.072	2700110	20.395 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
12) S 1-chlorooctadecane (S...	13.518	2067901	20.544 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T n-Nonane (C9)	3.391	2272781	20.090 ug/ml
2) T n-Decane (C10)	4.653	2313411	20.098 ug/ml
3) T A~Naphthalene (C11.7)	6.373	2521861	20.309 ug/ml
4) T n-Dodecane (C12)	6.835	2335621	20.133 ug/ml
5) T A~2-methylnaphthalene...	7.476	2430008	20.372 ug/ml
6) T n-Tetradecane (C14)	8.675	2327543	20.172 ug/ml
7) T n-Hexadecane (C16)	10.295	2416060	20.241 ug/ml
8) T n-Octadecane (C18)	11.749	2459453	20.355 ug/ml
10) T n-Eicosane (C20)	13.068	2387440	20.466 ug/ml
11) T n-Heneicosane (C21)	13.684	2355655	20.494 ug/ml
13) T n-Docosane (C22)	14.275	2347459	20.545 ug/ml
14) T n-Tetracosane (C24)	15.385	2344226	20.609 ug/ml
15) T n-Hexacosane (C26)	16.415	2300071	20.714 ug/ml
16) T n-Octacosane (C28)	17.371	2254265	20.852 ug/ml
17) T n-Tricontane (C30)	18.265	2318613	21.229 ug/ml
18) T n-Dotriacontane (C32)	19.102	2269197	21.583 ug/ml
19) T n-Tetratriacontane (C34)	19.891	2063037	21.483 ug/ml
20) T n-Hexatriacontane (C36)	20.635	1770472	21.171 ug/ml
21) T n-Octatriacontane (C38)	21.420	1595821	20.726 ug/ml
22) T n-Tetracontane (C40)	22.418	1508765	20.308 ug/ml

(f)=RT Delta > 1/2 Window

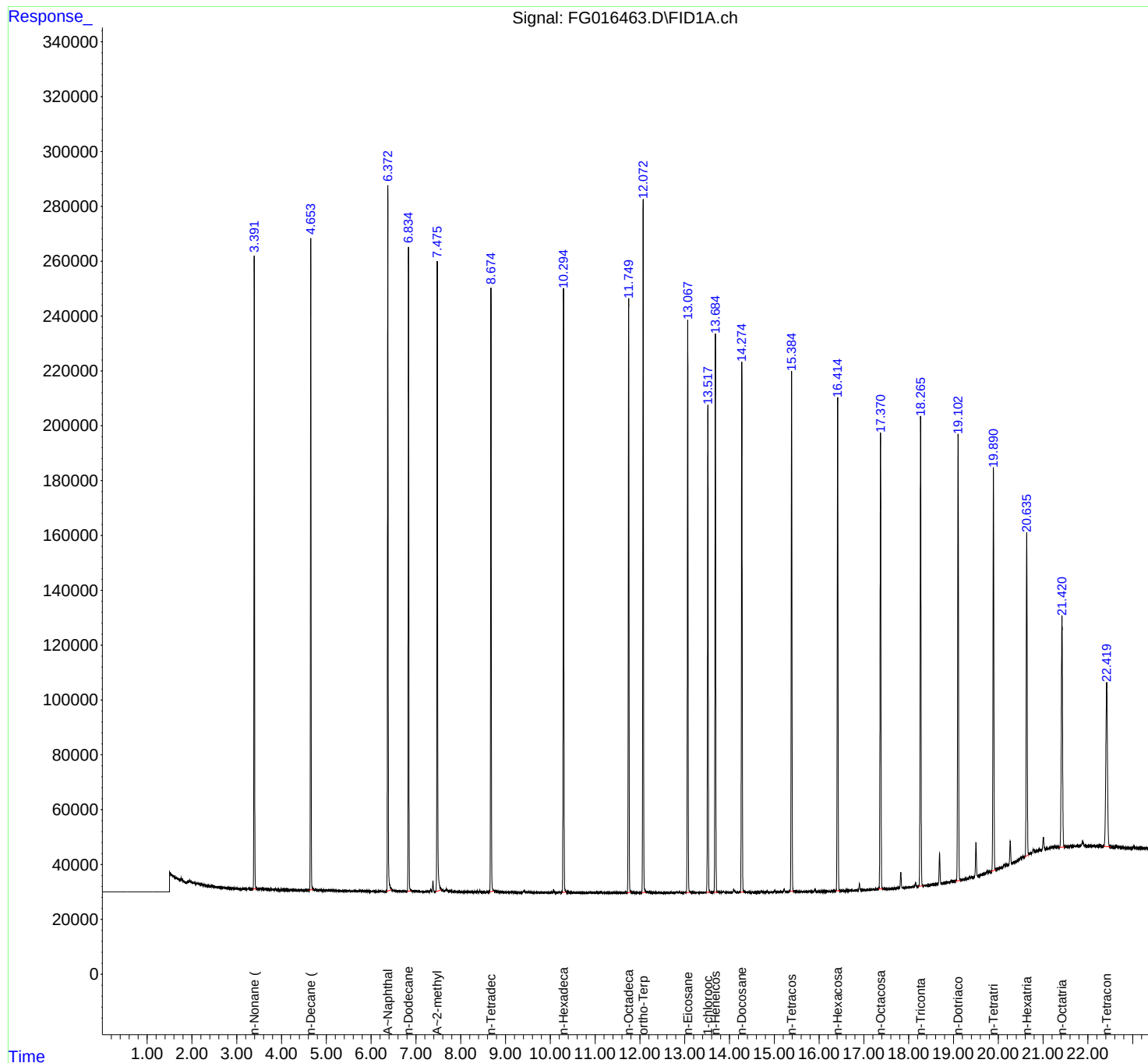
(m)=manual int.

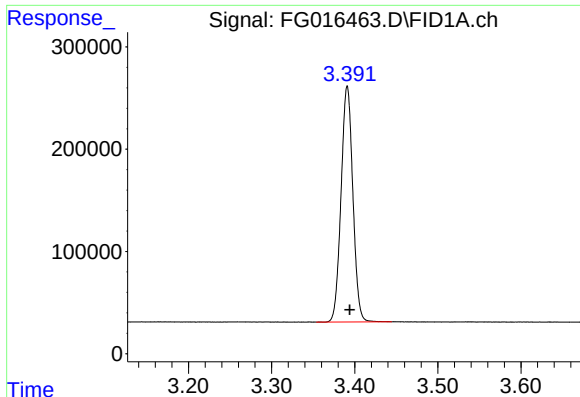
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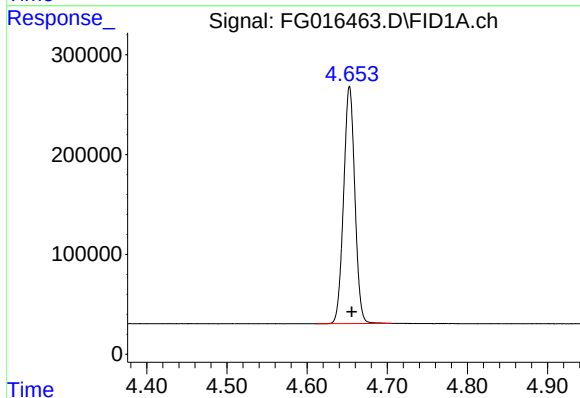




#1 n-Nonane (C9)

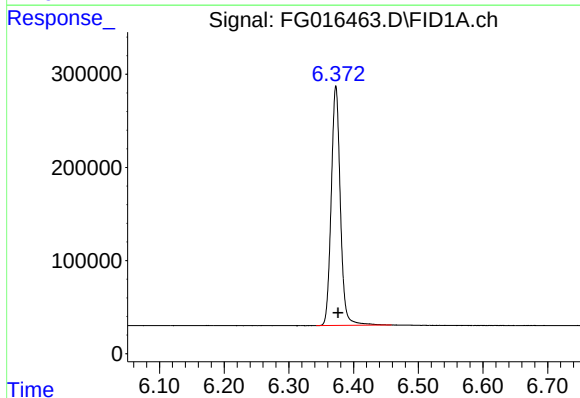
R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 2272781
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :



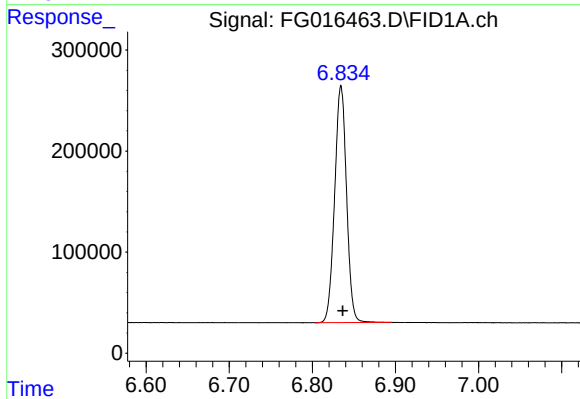
#2 n-Decane (C10)

R.T.: 4.653 min
Delta R.T.: -0.003 min
Response: 2313411
Conc: 20.10 ug/ml



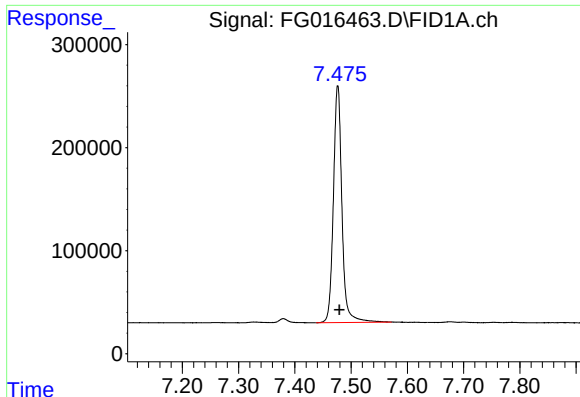
#3 A~Naphthalene (C11.7)

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 2521861
Conc: 20.31 ug/ml



#4 n-Dodecane (C12)

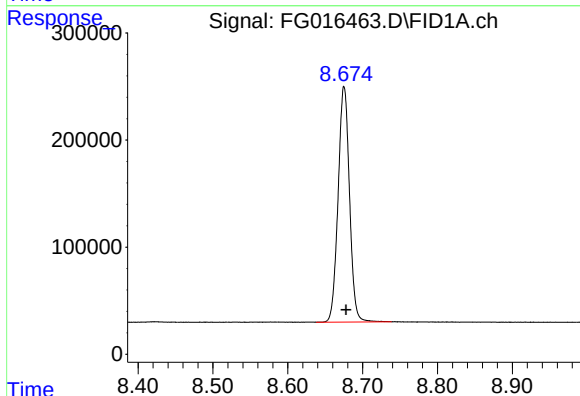
R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 2335621
Conc: 20.13 ug/ml



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

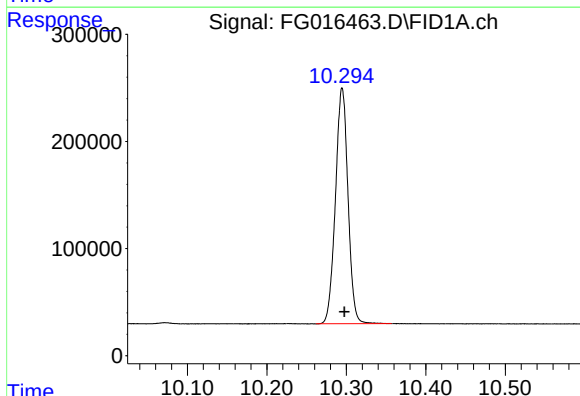
R.T.: 7.476 min
Delta R.T.: -0.003 min
Response: 2430008
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :



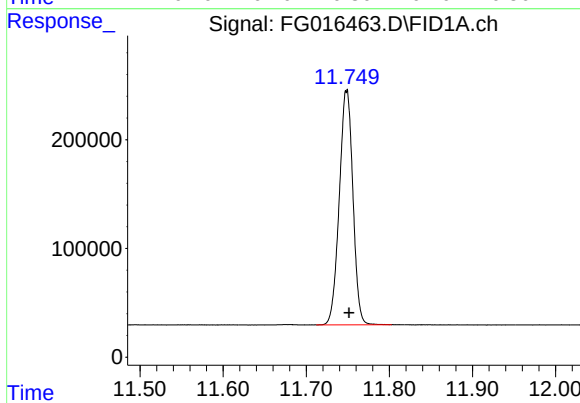
#6 n-Tetradecane (C14)

R.T.: 8.675 min
Delta R.T.: -0.003 min
Response: 2327543
Conc: 20.17 ug/ml



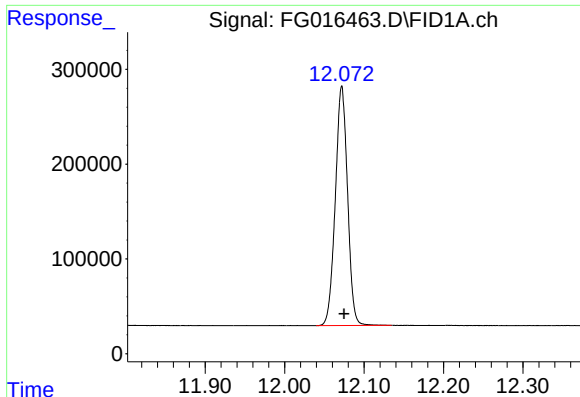
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: -0.003 min
Response: 2416060
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

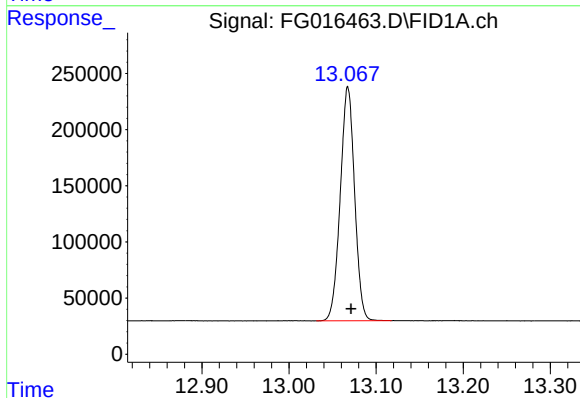
R.T.: 11.749 min
Delta R.T.: -0.003 min
Response: 2459453
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

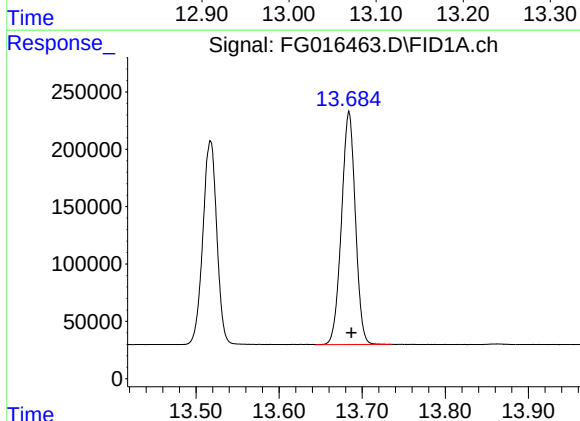
R.T.: 12.072 min
Delta R.T.: -0.003 min
Response: 2700110
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :



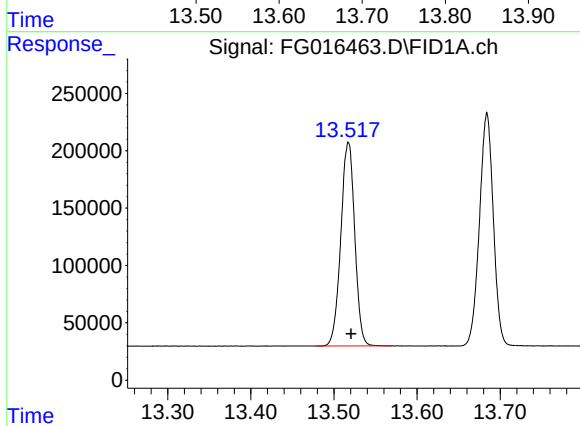
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 2387440
Conc: 20.47 ug/ml



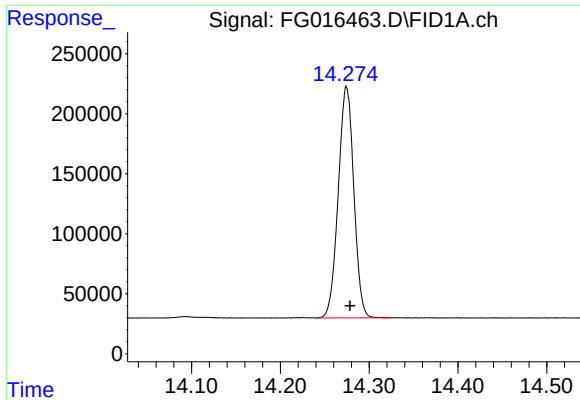
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2355655
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

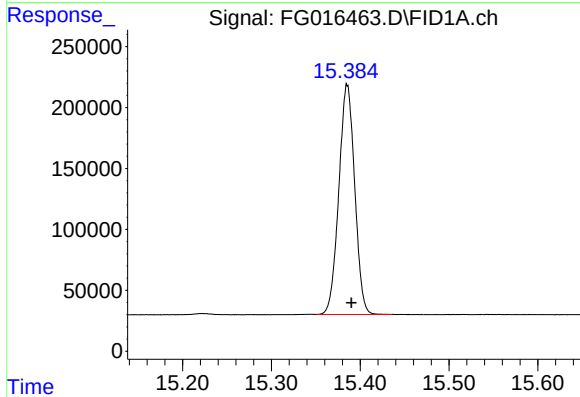
R.T.: 13.518 min
Delta R.T.: -0.003 min
Response: 2067901
Conc: 20.54 ug/ml



#13 n-Docosane (C22)

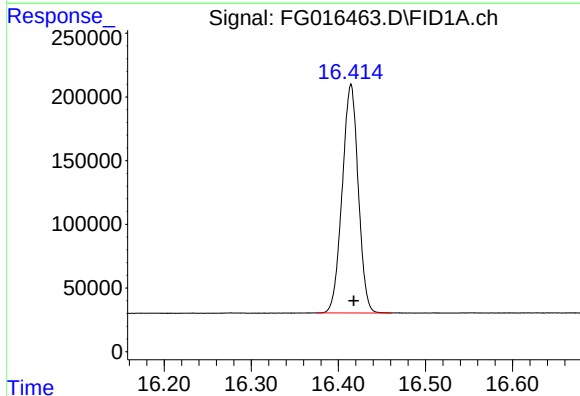
R.T.: 14.275 min
Delta R.T.: -0.004 min
Response: 2347459
Conc: 20.55 ug/ml

Instrument :
FID_C
ClientSampleId :



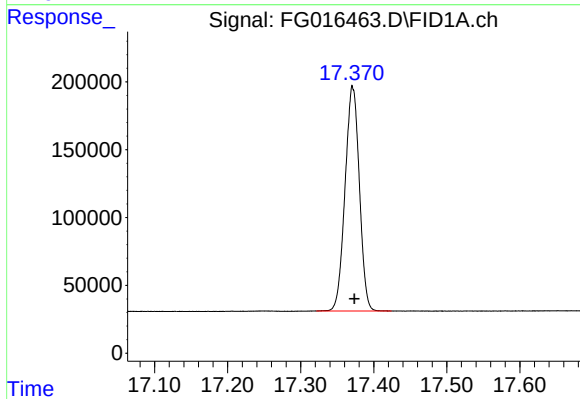
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: -0.005 min
Response: 2344226
Conc: 20.61 ug/ml



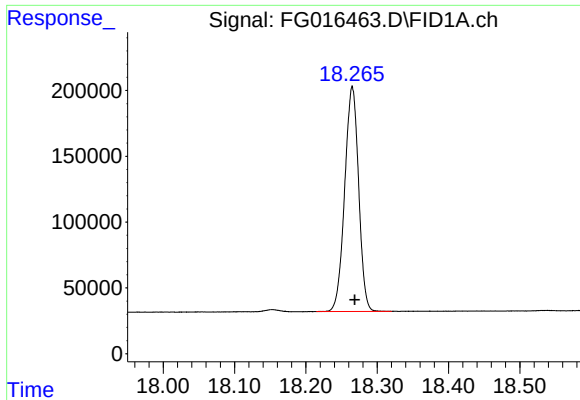
#15 n-Hexacosane (C26)

R.T.: 16.415 min
Delta R.T.: -0.003 min
Response: 2300071
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

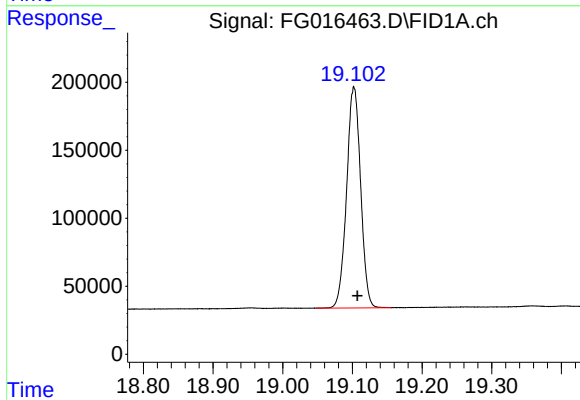
R.T.: 17.371 min
Delta R.T.: -0.003 min
Response: 2254265
Conc: 20.85 ug/ml



#17 n-Tricontane (C30)

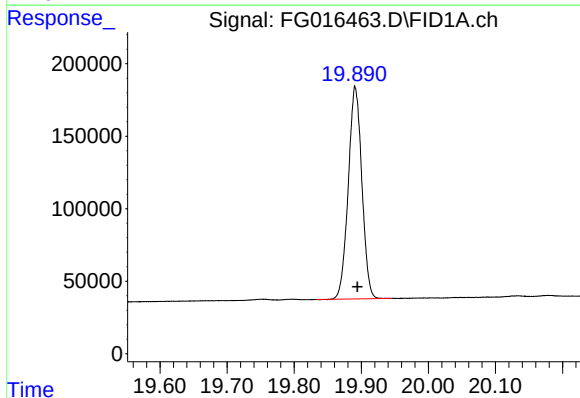
R.T.: 18.265 min
Delta R.T.: -0.004 min
Response: 2318613
Conc: 21.23 ug/ml

Instrument :
FID_C
ClientSampleId :



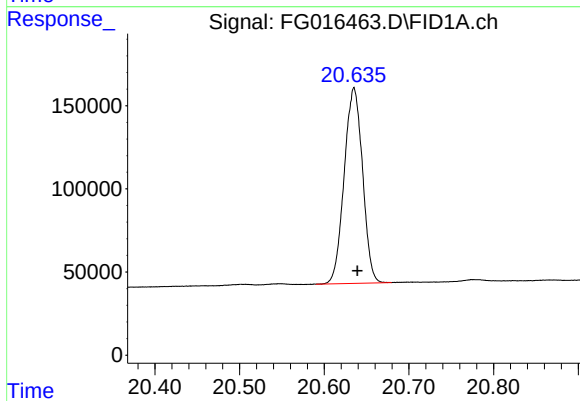
#18 n-Dotriacontane (C32)

R.T.: 19.102 min
Delta R.T.: -0.005 min
Response: 2269197
Conc: 21.58 ug/ml



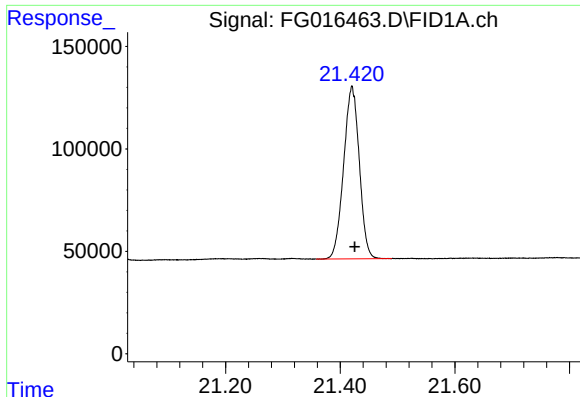
#19 n-Tetratriacontane (C34)

R.T.: 19.891 min
Delta R.T.: -0.004 min
Response: 2063037
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

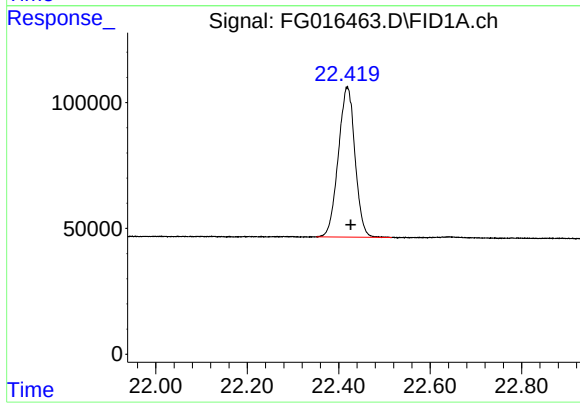
R.T.: 20.635 min
Delta R.T.: -0.004 min
Response: 1770472
Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.420 min
Delta R.T.: -0.005 min
Response: 1595821
Conc: 20.73 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.418 min
Delta R.T.: -0.008 min
Response: 1508765
Conc: 20.31 ug/ml