

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068368.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 15:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 05 22:31:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 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)	11.390	2547479	16.602 ug/ml
Spiked Amount 50.000		Recovery =	33.20%
12) S 1-chlorooctadecane (S...	12.833	1871173	16.636 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
Target Compounds			
1) T n-Nonane (C9)	3.202	2330793	16.568 ug/ml
2) T n-Decane (C10)	4.258	2383190	16.822 ug/ml
3) T A~Naphthalene (C11.7)	5.824	2562795	16.747 ug/ml
4) T n-Dodecane (C12)	6.266	2364404	16.798 ug/ml
5) T A~2-methylnaphthalene...	6.876	2401894	16.584 ug/ml
6) T n-Tetradecane (C14)	8.054	2271789	16.662 ug/ml
7) T n-Hexadecane (C16)	9.649	2300195	16.794 ug/ml
8) T n-Octadecane (C18)	11.087	2305132	16.855 ug/ml
10) T n-Eicosane (C20)	12.392	2217769	17.022 ug/ml
11) T n-Heneicosane (C21)	13.003	2161512	16.907 ug/ml
13) T n-Docosane (C22)	13.588	2213242	17.562 ug/ml
14) T n-Tetracosane (C24)	14.689	2350942	18.902 ug/ml
15) T n-Hexacosane (C26)	15.708	2383759	19.604 ug/ml
16) T n-Octacosane (C28)	16.655	2456290	20.682 ug/ml
17) T n-Tricontane (C30)	17.541	2650187	22.018 ug/ml
18) T n-Dotriacontane (C32)	18.372	2609575	22.483 ug/ml
19) T n-Tetratriacontane (C34)	19.155	2222005	20.563 ug/ml
20) T n-Hexatriacontane (C36)	19.895	1834195	19.073 ug/ml
21) T n-Octatriacontane (C38)	20.604	1656990	18.432 ug/ml
22) T n-Tetracontane (C40)	21.456	1548460	17.897 ug/ml

(f)=RT Delta > 1/2 Window

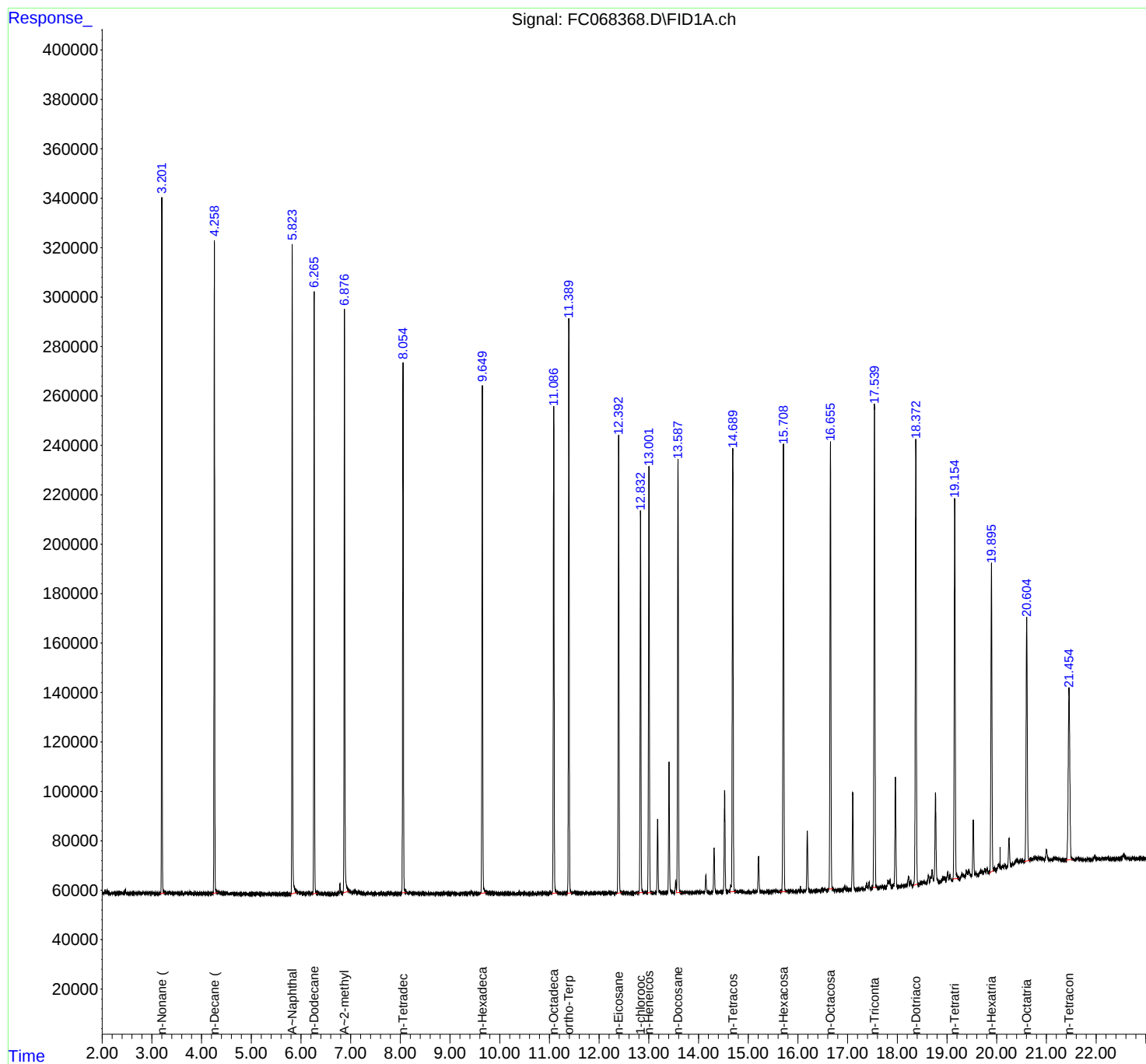
(m)=manual int.

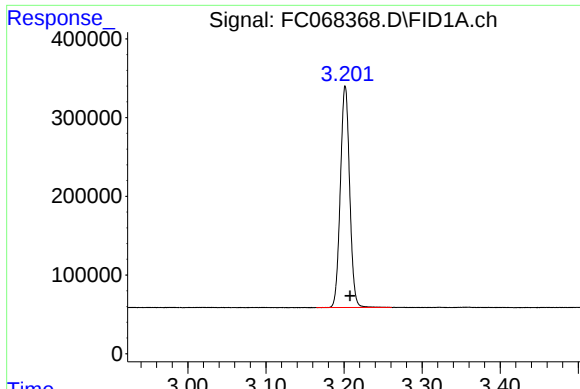
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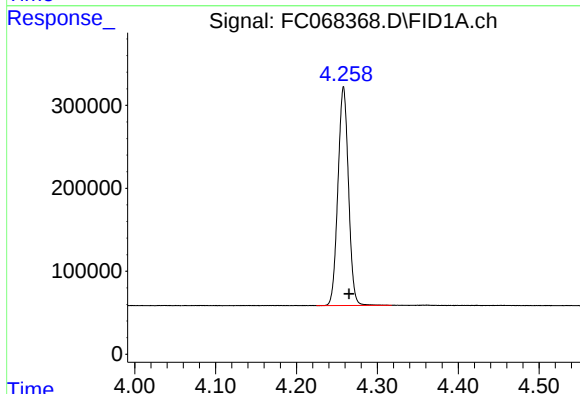




#1 n-Nonane (C9)

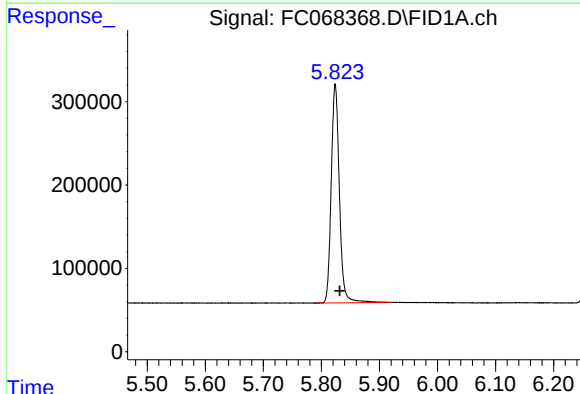
R.T.: 3.202 min
Delta R.T.: -0.006 min
Response: 2330793
Conc: 16.57 ug/ml

Instrument :
FID_C
ClientSampleId :



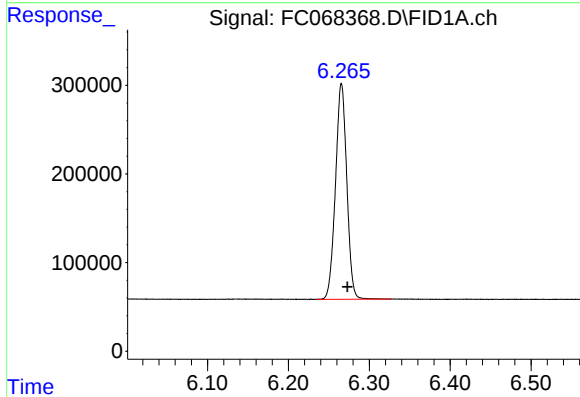
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: -0.007 min
Response: 2383190
Conc: 16.82 ug/ml



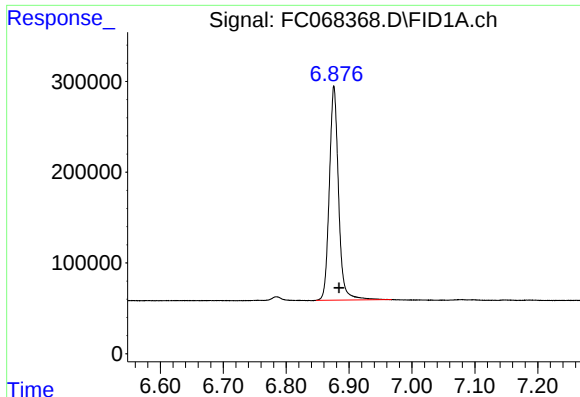
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: -0.007 min
Response: 2562795
Conc: 16.75 ug/ml



#4 n-Dodecane (C12)

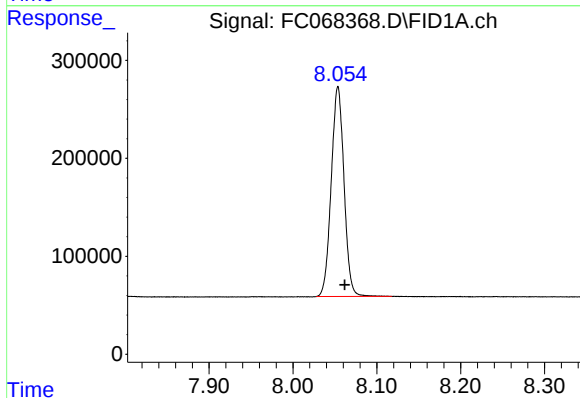
R.T.: 6.266 min
Delta R.T.: -0.007 min
Response: 2364404
Conc: 16.80 ug/ml



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

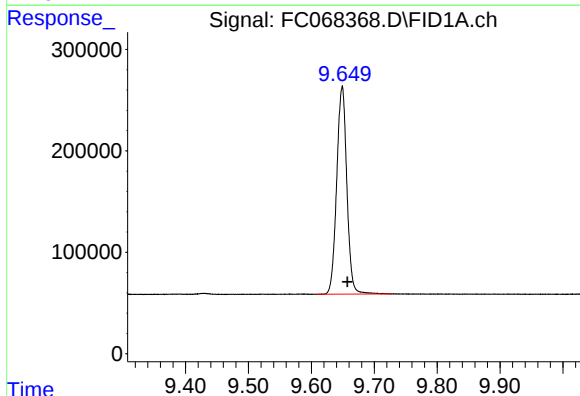
R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 2401894
Conc: 16.58 ug/ml

Instrument :
FID_C
ClientSampleId :



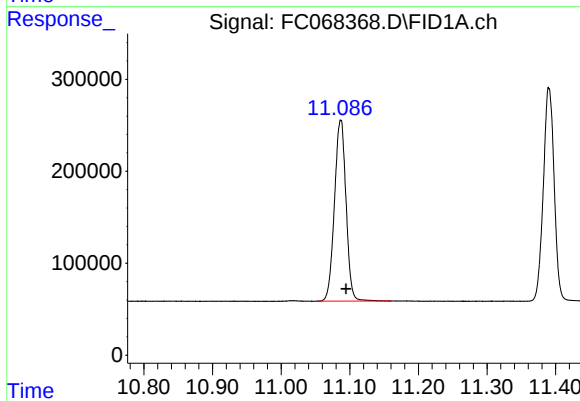
#6 n-Tetradecane (C14)

R.T.: 8.054 min
Delta R.T.: -0.008 min
Response: 2271789
Conc: 16.66 ug/ml



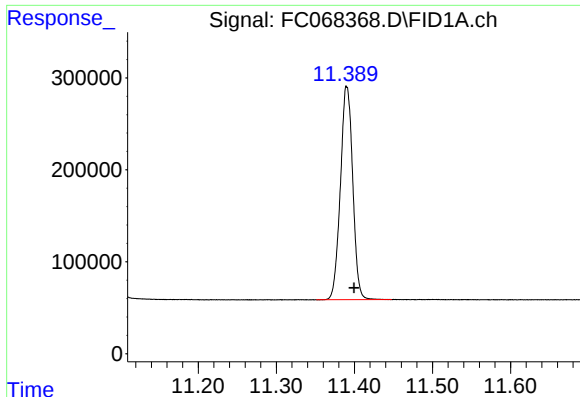
#7 n-Hexadecane (C16)

R.T.: 9.649 min
Delta R.T.: -0.009 min
Response: 2300195
Conc: 16.79 ug/ml



#8 n-Octadecane (C18)

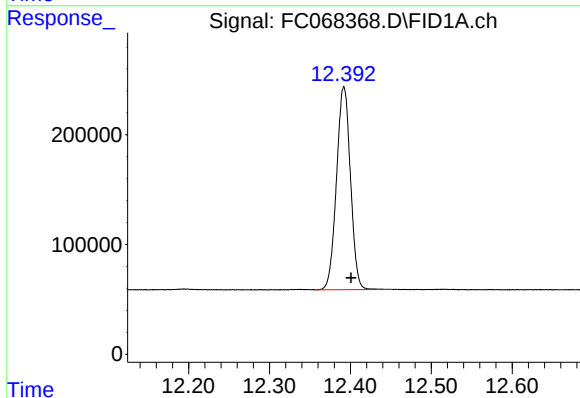
R.T.: 11.087 min
Delta R.T.: -0.008 min
Response: 2305132
Conc: 16.86 ug/ml



#9 ortho-Terphenyl (SURR)

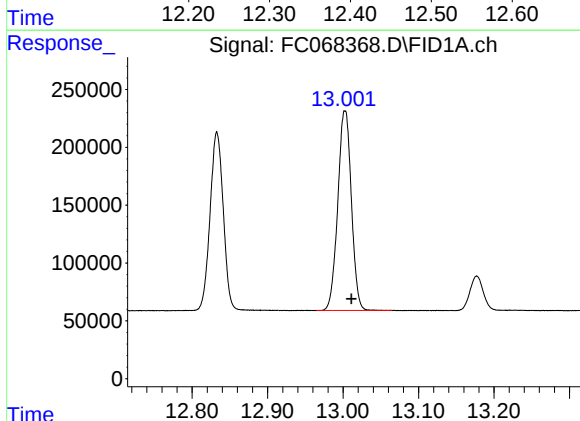
R.T.: 11.390 min
Delta R.T.: -0.009 min
Response: 2547479
Conc: 16.60 ug/ml

Instrument :
FID_C
ClientSampleId :



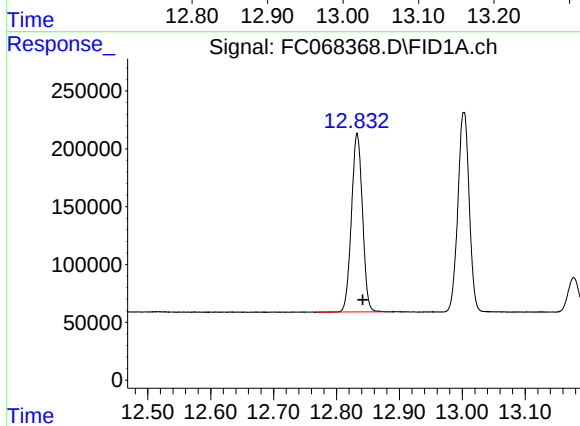
#10 n-Eicosane (C20)

R.T.: 12.392 min
Delta R.T.: -0.009 min
Response: 2217769
Conc: 17.02 ug/ml



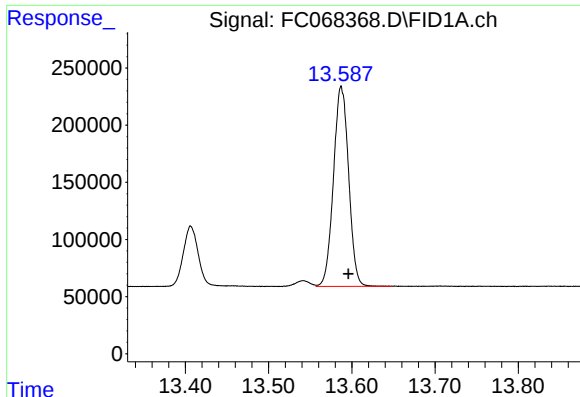
#11 n-Heneicosane (C21)

R.T.: 13.003 min
Delta R.T.: -0.008 min
Response: 2161512
Conc: 16.91 ug/ml



#12 1-chlorooctadecane (SURR)

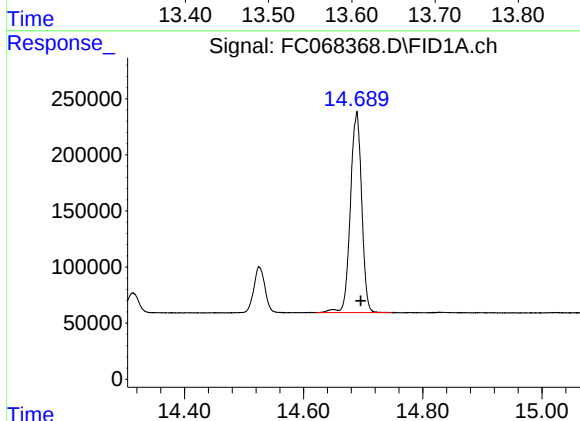
R.T.: 12.833 min
Delta R.T.: -0.009 min
Response: 1871173
Conc: 16.64 ug/ml



#13 n-Docosane (C22)

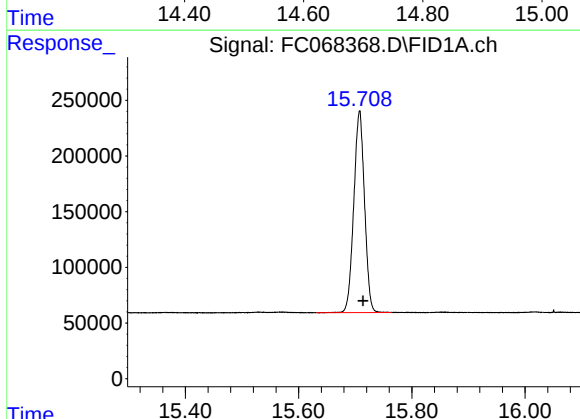
R.T.: 13.588 min
Delta R.T.: -0.008 min
Response: 2213242
Conc: 17.56 ug/ml

Instrument :
FID_C
ClientSampleId :



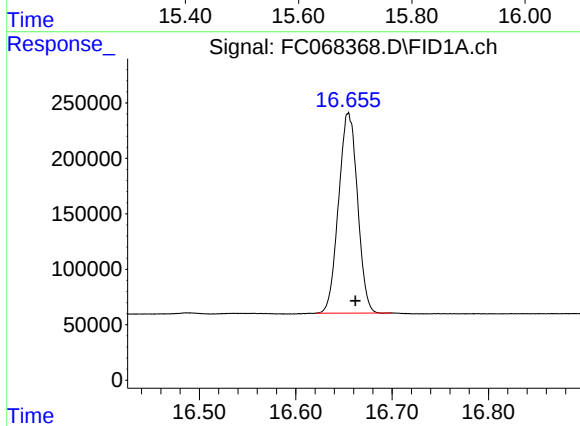
#14 n-Tetracosane (C24)

R.T.: 14.689 min
Delta R.T.: -0.007 min
Response: 2350942
Conc: 18.90 ug/ml



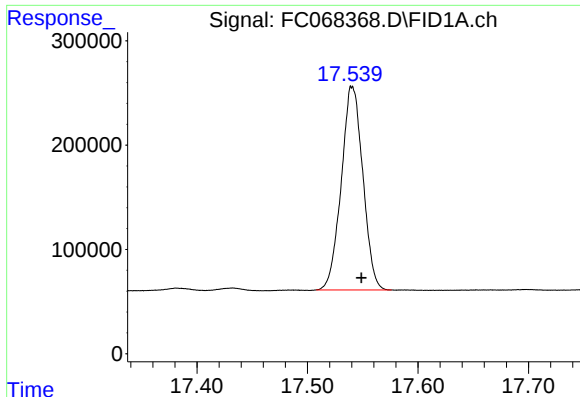
#15 n-Hexacosane (C26)

R.T.: 15.708 min
Delta R.T.: -0.006 min
Response: 2383759
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

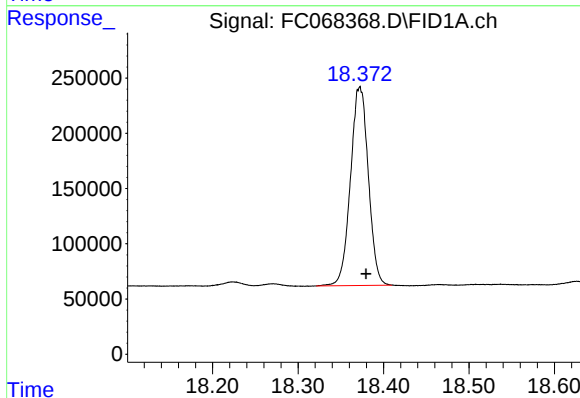
R.T.: 16.655 min
Delta R.T.: -0.007 min
Response: 2456290
Conc: 20.68 ug/ml



#17 n-Tricontane (C30)

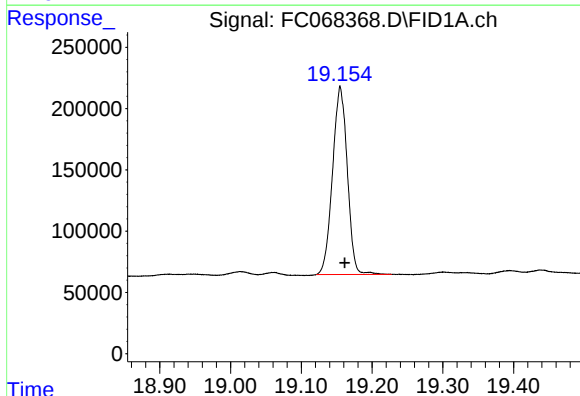
R.T.: 17.541 min
Delta R.T.: -0.008 min
Response: 2650187
Conc: 22.02 ug/ml

Instrument :
FID_C
ClientSampleId :



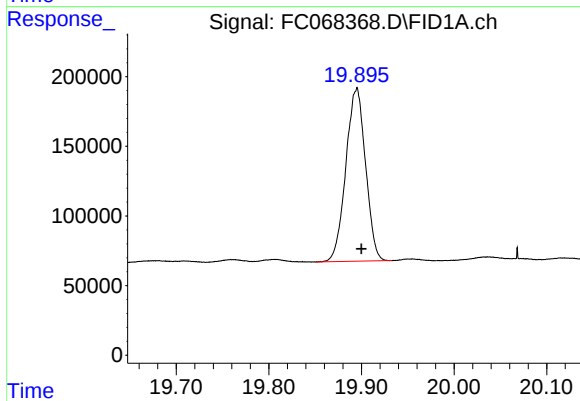
#18 n-Dotriacontane (C32)

R.T.: 18.372 min
Delta R.T.: -0.007 min
Response: 2609575
Conc: 22.48 ug/ml



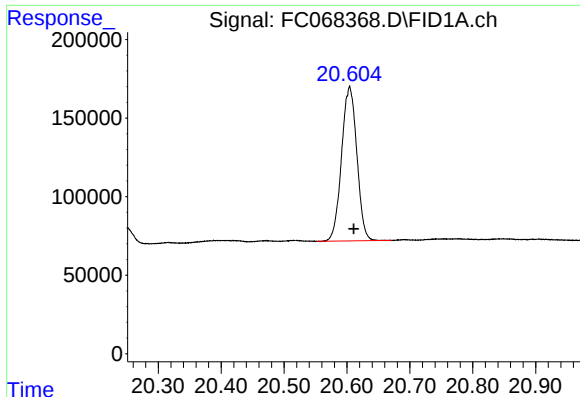
#19 n-Tetratriacontane (C34)

R.T.: 19.155 min
Delta R.T.: -0.006 min
Response: 2222005
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

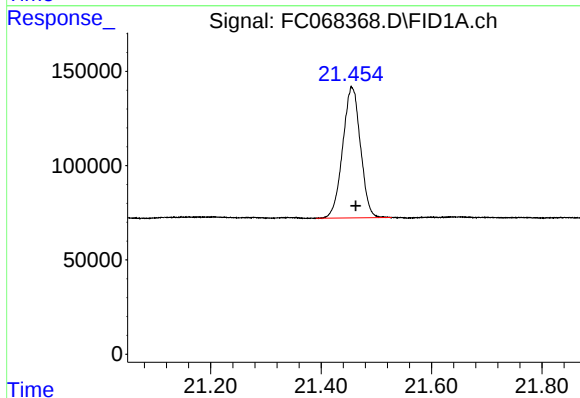
R.T.: 19.895 min
Delta R.T.: -0.006 min
Response: 1834195
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.604 min
Delta R.T.: -0.007 min
Response: 1656990
Conc: 18.43 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.456 min
Delta R.T.: -0.007 min
Response: 1548460
Conc: 17.90 ug/ml