

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080625AL\
 Data File : FC069586.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2025 18:06
 Operator : YP/AJ
 Sample : Q2780-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-3MS

Integration File: autoint1.e
 Quant Time: Aug 07 02:50:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.670	4906628	32.889 ug/ml
Spiked Amount 50.000		Recovery =	65.78%
12) S 1-chlorooctadecane (S...	13.105	3911295	35.876 ug/ml
Spiked Amount 50.000		Recovery =	71.75%
Target Compounds			
1) T n-Nonane (C9)	3.403	3138400	22.028 ug/ml
2) T n-Decane (C10)	4.475	3561487	24.498 ug/ml
3) T A~Naphthalene (C11.7)	6.070	4504671	29.032 ug/ml
4) T n-Dodecane (C12)	6.498	3938165	26.940 ug/ml
5) T A~2-methylnaphthalene...	7.130	4862719	33.018 ug/ml
6) T n-Tetradecane (C14)	8.299	4307507	30.183 ug/ml
7) T n-Hexadecane (C16)	9.902	4819987	33.435 ug/ml
8) T n-Octadecane (C18)	11.347	4658432	32.942 ug/ml
10) T n-Eicosane (C20)	12.659	4816696	36.565 ug/ml
11) T n-Heneicosane (C21)	13.271	4553181	35.699 ug/ml
13) T n-Docosane (C22)	13.858	4560697	36.509 ug/ml
14) T n-Tetracosane (C24)	14.959	8910615	73.842 ug/ml
15) T n-Hexacosane (C26)	15.987	4025633	34.839 ug/ml
16) T n-Octacosane (C28)	16.937	3969666	35.415 ug/ml
17) T n-Tricontane (C30)	17.826	3759716	32.837 ug/ml
18) T n-Dotriacontane (C32)	18.660	3487996	31.400 ug/ml
19) T n-Tetratriacontane (C34)	19.445	3800216	37.321 ug/ml
20) T n-Hexatriacontane (C36)	20.186	3445030	38.637 ug/ml
21) T n-Octatriacontane (C38)	20.950	3411834	42.413 ug/ml
22) T n-Tetracontane (C40)	21.911	3252048	43.429 ug/ml

(f)=RT Delta > 1/2 Window

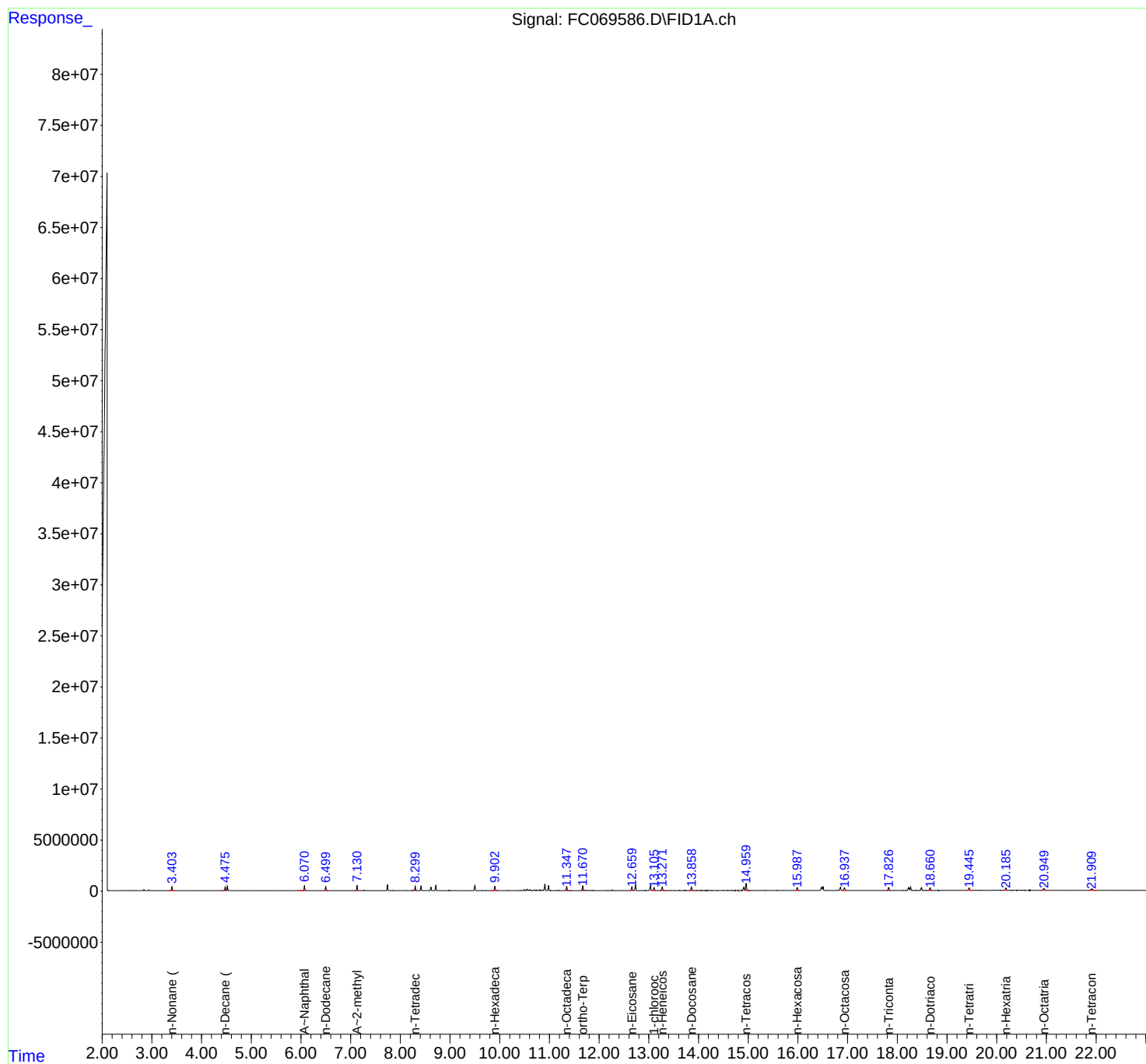
(m)=manual int.

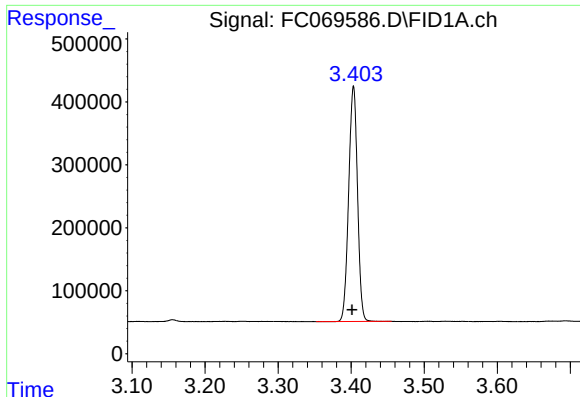
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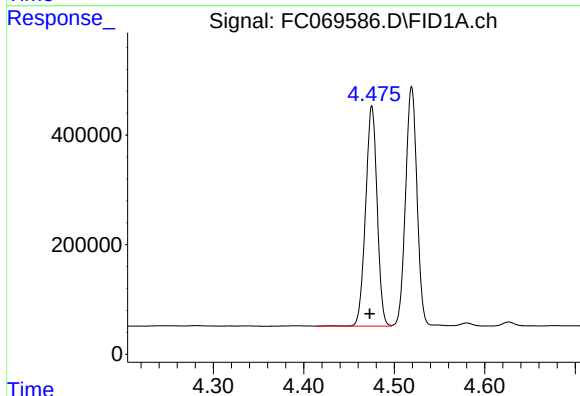




#1 n-Nonane (C9)

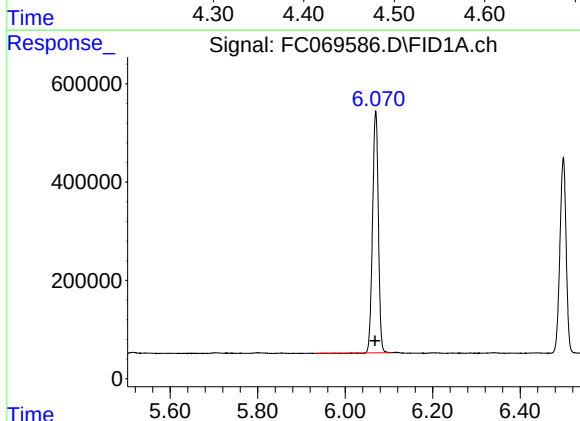
R.T.: 3.403 min
Delta R.T.: 0.002 min
Response: 3138400
Conc: 22.03 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-3MS



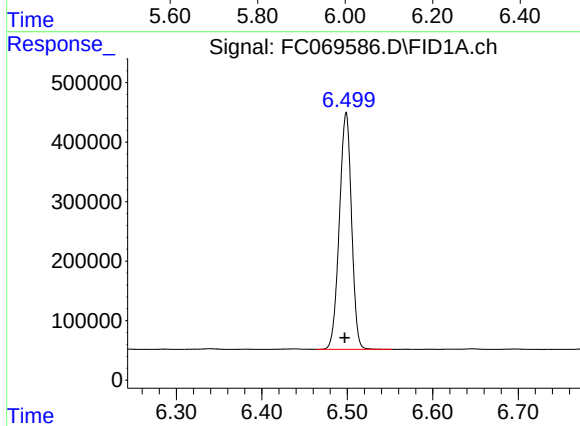
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 3561487
Conc: 24.50 ug/ml



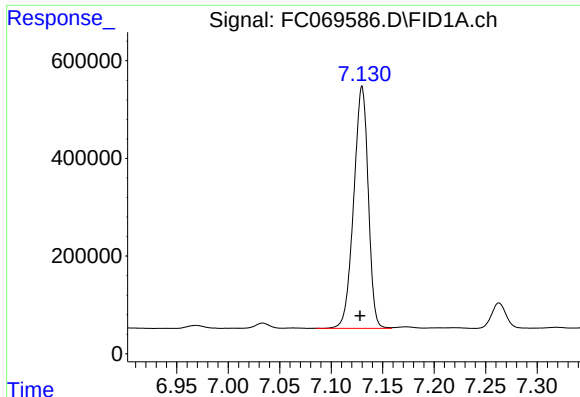
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 4504671
Conc: 29.03 ug/ml



#4 n-Dodecane (C12)

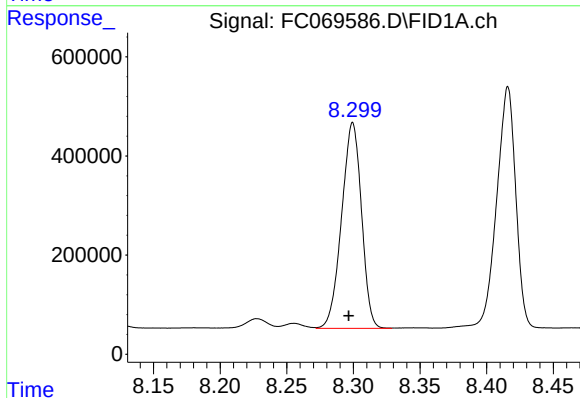
R.T.: 6.498 min
Delta R.T.: 0.001 min
Response: 3938165
Conc: 26.94 ug/ml



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

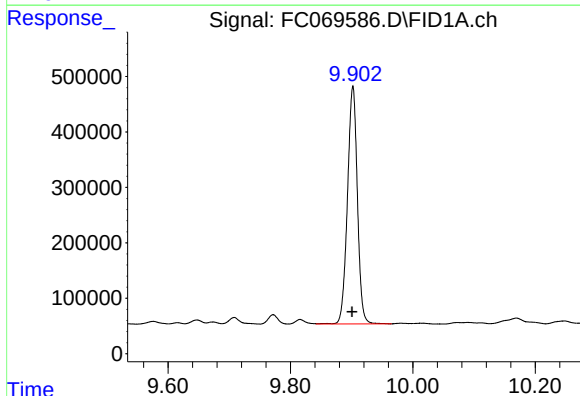
R.T.: 7.130 min
Delta R.T.: 0.002 min
Response: 4862719
Conc: 33.02 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-3MS



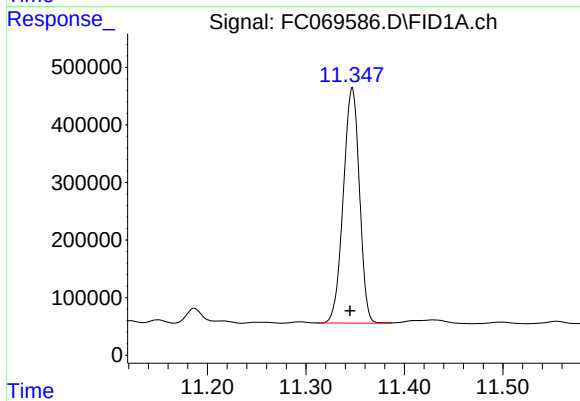
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 4307507
Conc: 30.18 ug/ml



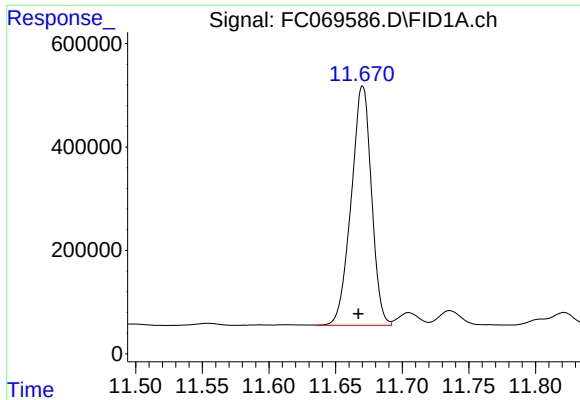
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.001 min
Response: 4819987
Conc: 33.44 ug/ml



#8 n-Octadecane (C18)

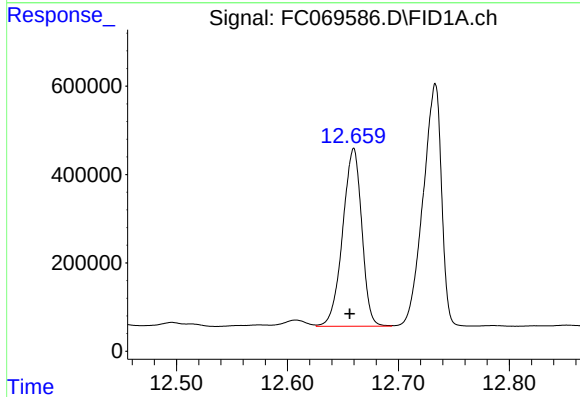
R.T.: 11.347 min
Delta R.T.: 0.002 min
Response: 4658432
Conc: 32.94 ug/ml



#9 ortho-Terphenyl (SURR)

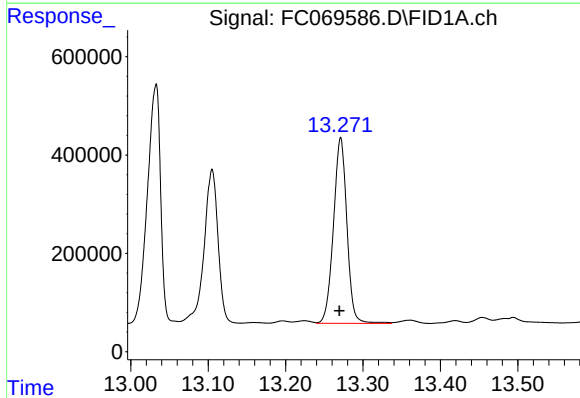
R.T.: 11.670 min
Delta R.T.: 0.003 min
Response: 4906628
Conc: 32.89 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-3MS



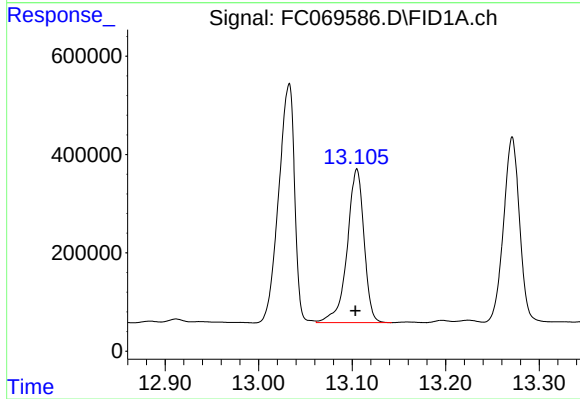
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: 0.003 min
Response: 4816696
Conc: 36.57 ug/ml



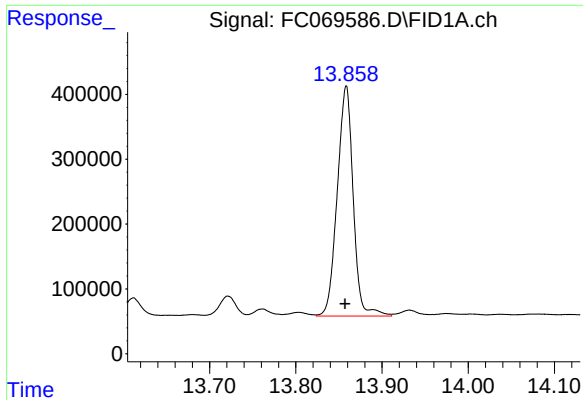
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.002 min
Response: 4553181
Conc: 35.70 ug/ml



#12 1-chlorooctadecane (SURR)

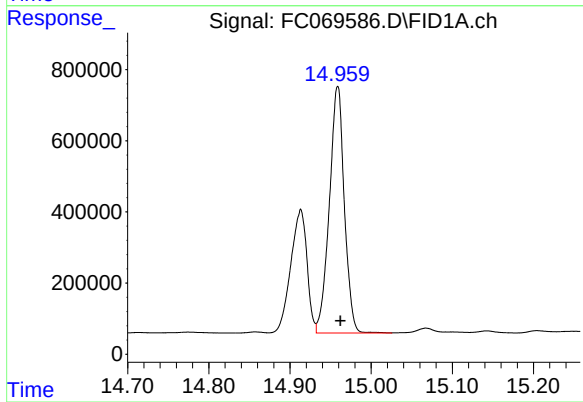
R.T.: 13.105 min
Delta R.T.: 0.001 min
Response: 3911295
Conc: 35.88 ug/ml



#13 n-Docosane (C22)

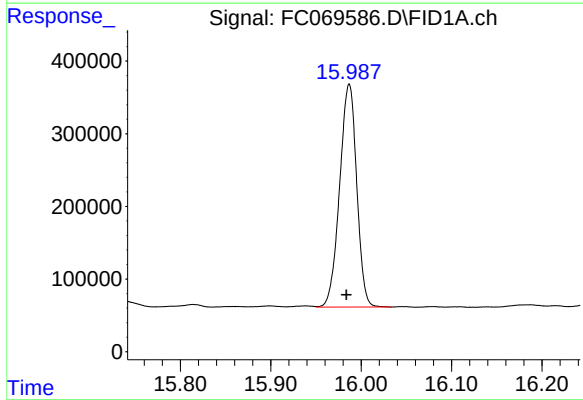
R.T.: 13.858 min
Delta R.T.: 0.001 min
Response: 4560697
Conc: 36.51 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-3MS



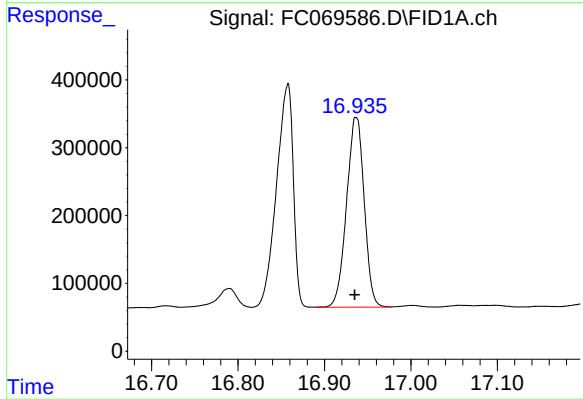
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: -0.003 min
Response: 8910615
Conc: 73.84 ug/ml



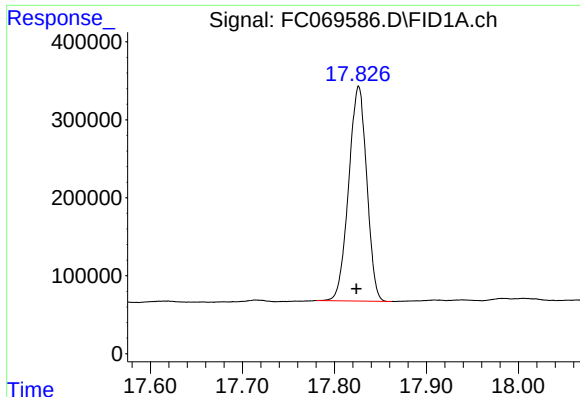
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: 0.003 min
Response: 4025633
Conc: 34.84 ug/ml



#16 n-Octacosane (C28)

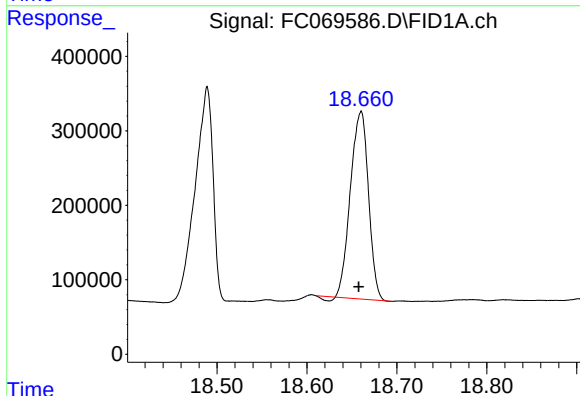
R.T.: 16.937 min
Delta R.T.: 0.002 min
Response: 3969666
Conc: 35.42 ug/ml



#17 n-Tricontane (C30)

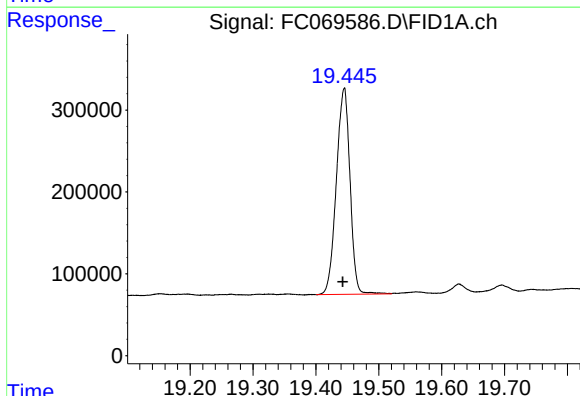
R.T.: 17.826 min
Delta R.T.: 0.002 min
Response: 3759716
Conc: 32.84 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-3MS



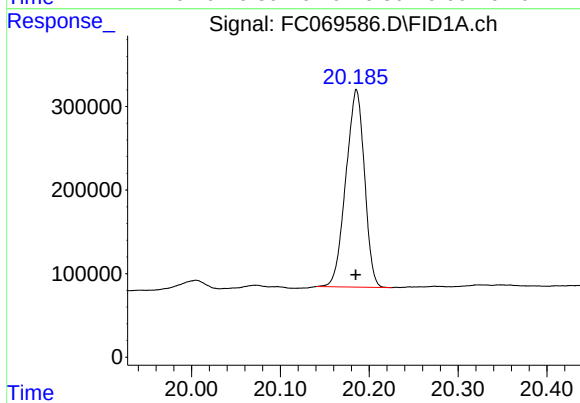
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: 0.002 min
Response: 3487996
Conc: 31.40 ug/ml



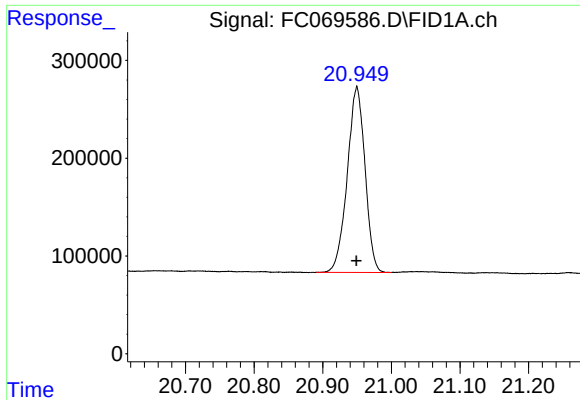
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: 0.002 min
Response: 3800216
Conc: 37.32 ug/ml



#20 n-Hexatriacontane (C36)

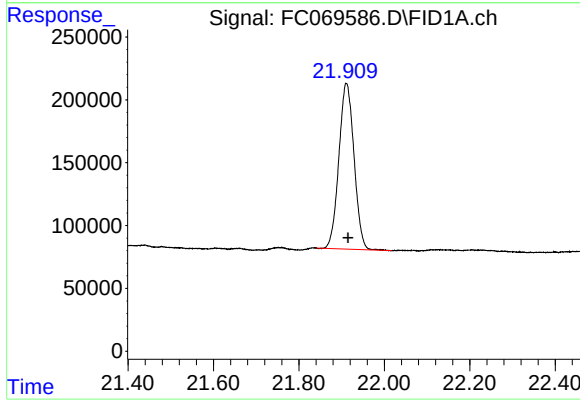
R.T.: 20.186 min
Delta R.T.: 0.000 min
Response: 3445030
Conc: 38.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.000 min
Response: 3411834
Conc: 42.41 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-3MS



#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.004 min
Response: 3252048
Conc: 43.43 ug/ml