

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
 Data File : FC068961.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 16:15
 Operator : YP/AJ
 Sample : PB168103BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168103BS

Integration File: autoint1.e
 Quant Time: May 22 07:44:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	4978369	43.617 ug/ml
Spiked Amount 50.000		Recovery =	87.23%
12) S 1-chlorooctadecane (S...	13.141	3958040	49.336 ug/ml
Spiked Amount 50.000		Recovery =	98.67%
Target Compounds			
1) T n-Nonane (C9)	3.450	4104053	40.804 ug/ml
2) T n-Decane (C10)	4.520	4307914	43.234 ug/ml
3) T A~Naphthalene (C11.7)	6.113	4944459	44.843 ug/ml
4) T n-Dodecane (C12)	6.541	4311969	44.372 ug/ml
5) T A~2-methylnaphthalene...	7.172	4493830	41.868 ug/ml
6) T n-Tetradecane (C14)	8.340	4181640	45.244 ug/ml
7) T n-Hexadecane (C16)	9.941	4170305	46.573 ug/ml
8) T n-Octadecane (C18)	11.385	4093278	46.664 ug/ml
10) T n-Eicosane (C20)	12.695	4157184	48.783 ug/ml
11) T n-Heneicosane (C21)	13.308	3971797	47.090 ug/ml
13) T n-Docosane (C22)	13.894	3925812	46.927 ug/ml
14) T n-Tetracosane (C24)	14.991	7946581	95.504 ug/ml
15) T n-Hexacosane (C26)	16.020	3781305	45.638 ug/ml
16) T n-Octacosane (C28)	16.970	3746281	45.329 ug/ml
17) T n-Tricontane (C30)	17.860	3743360	44.241 ug/ml
18) T n-Dotriacontane (C32)	18.693	3735504	43.368 ug/ml
19) T n-Tetratriacontane (C34)	19.476	3892392	45.685 ug/ml
20) T n-Hexatriacontane (C36)	20.217	3834521	44.614 ug/ml
21) T n-Octatriacontane (C38)	20.989	3910868	46.622 ug/ml
22) T n-Tetracontane (C40)	21.964	3801511	46.385 ug/ml

(f)=RT Delta > 1/2 Window

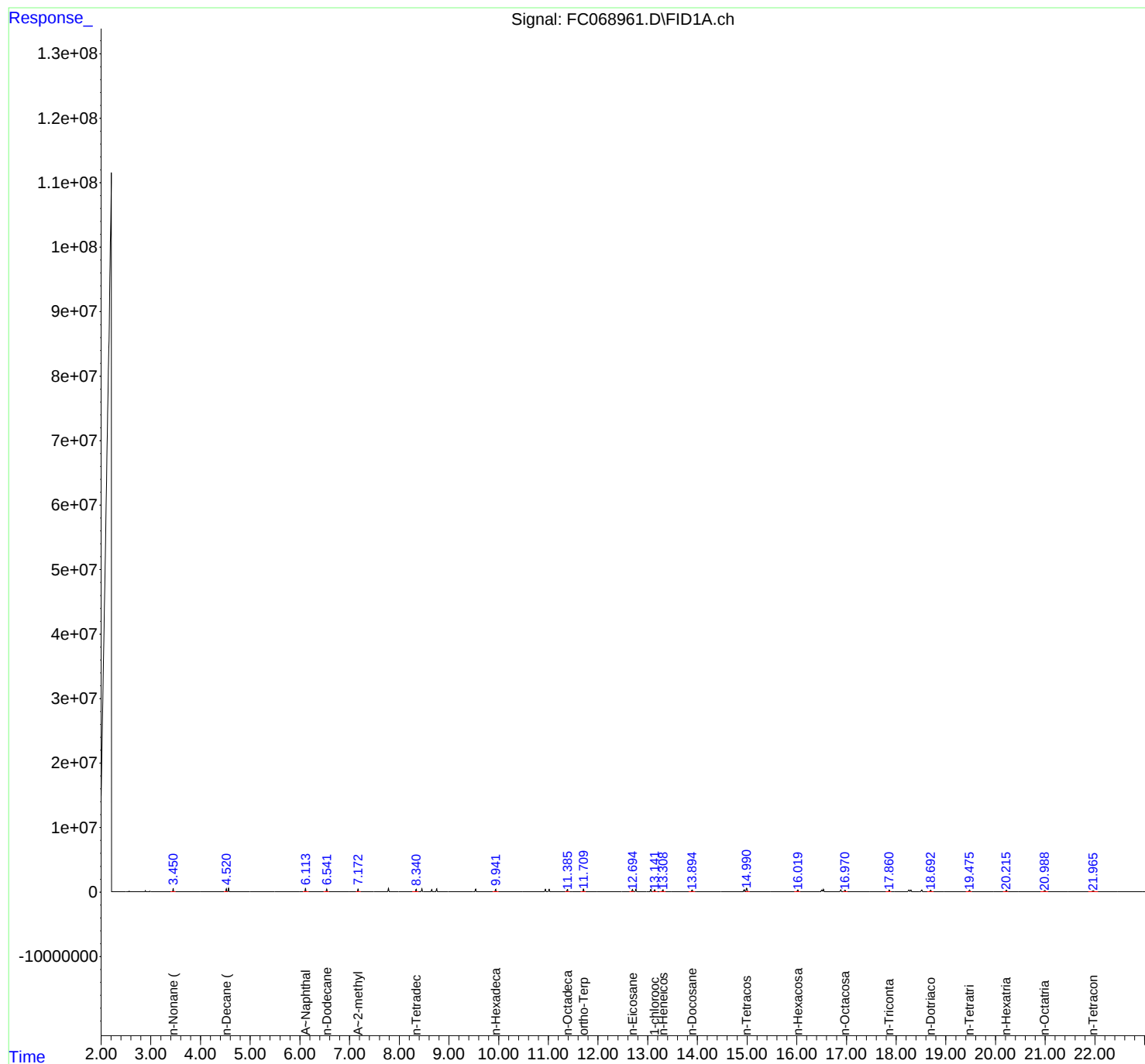
(m)=manual int.

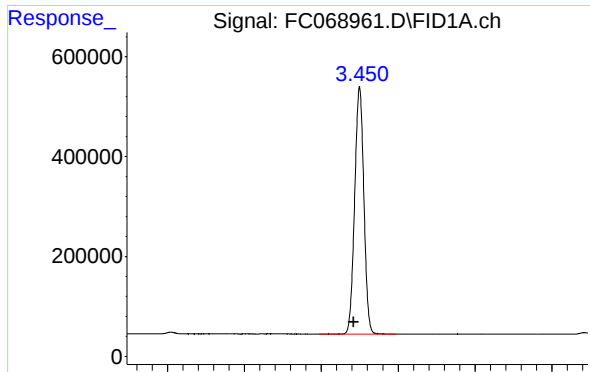
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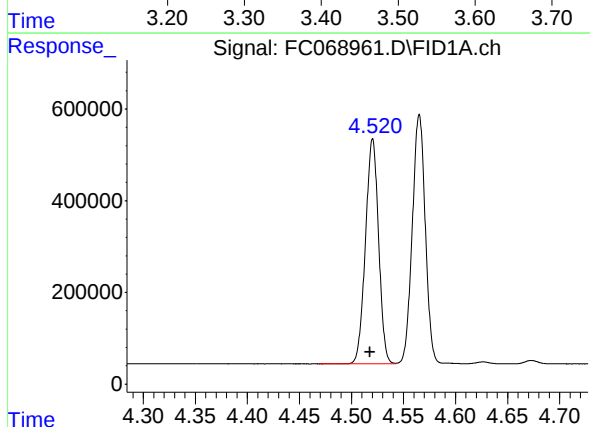




#1 n-Nonane (C9)

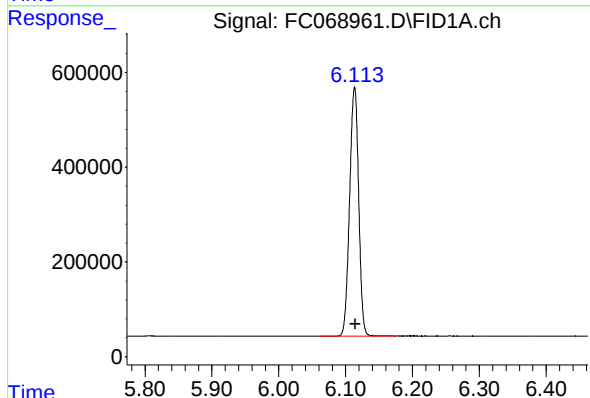
R.T.: 3.450 min
Delta R.T.: 0.008 min
Response: 4104053
Conc: 40.80 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BS



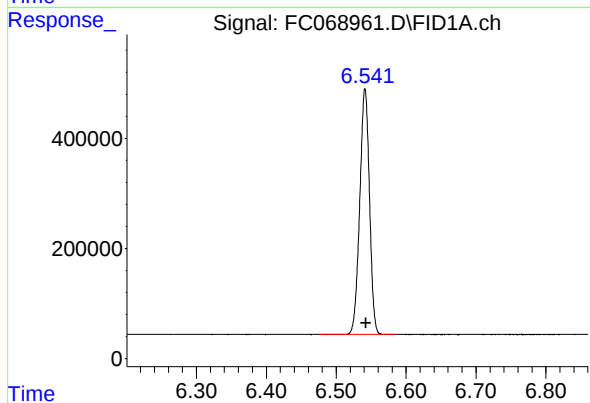
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.003 min
Response: 4307914
Conc: 43.23 ug/ml



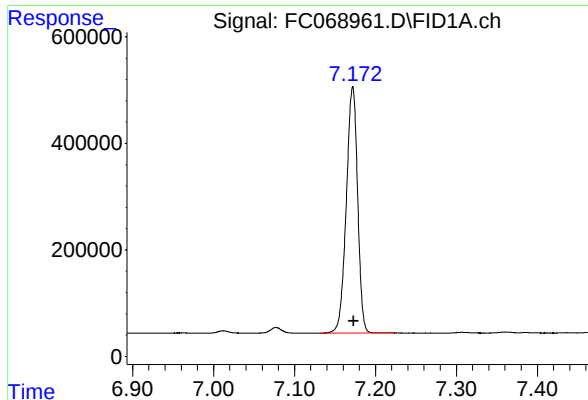
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 4944459
Conc: 44.84 ug/ml



#4 n-Dodecane (C12)

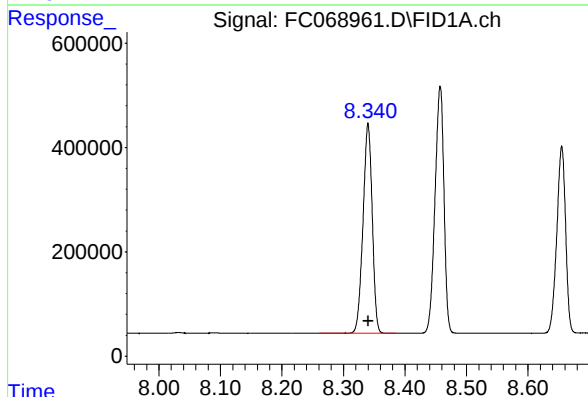
R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 4311969
Conc: 44.37 ug/ml



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

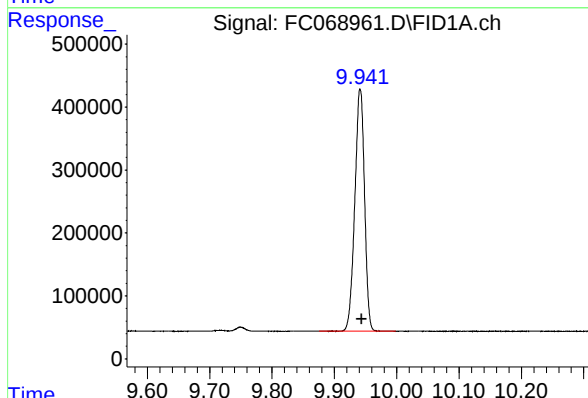
R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 4493830
Conc: 41.87 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BS



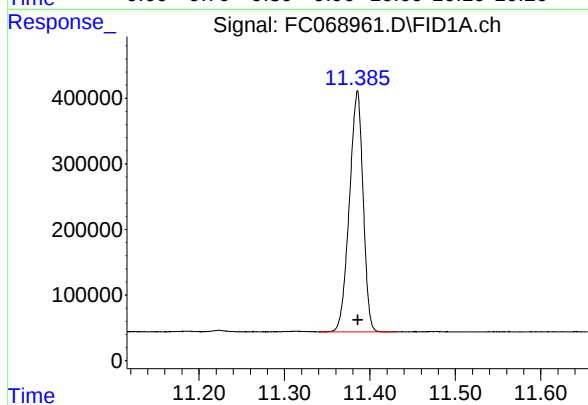
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 4181640
Conc: 45.24 ug/ml



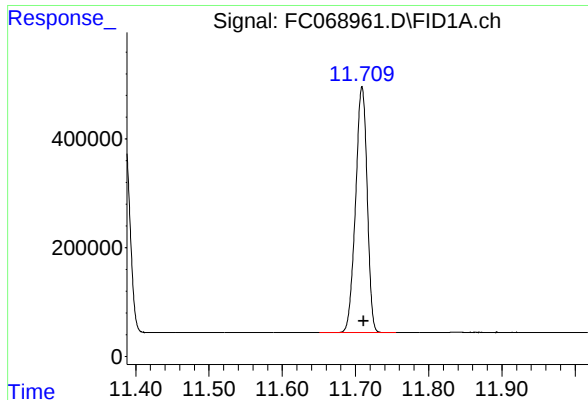
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.002 min
Response: 4170305
Conc: 46.57 ug/ml



#8 n-Octadecane (C18)

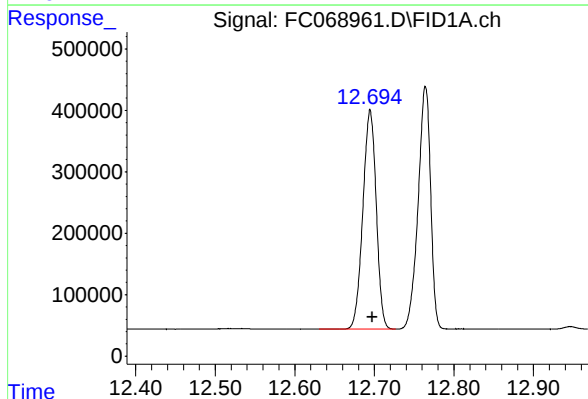
R.T.: 11.385 min
Delta R.T.: -0.001 min
Response: 4093278
Conc: 46.66 ug/ml



#9 ortho-Terphenyl (SURR)

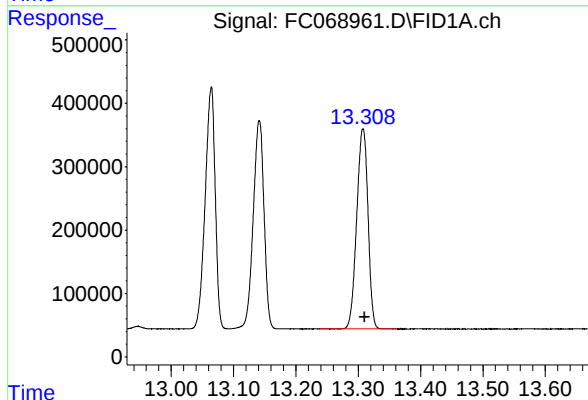
R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 4978369
Conc: 43.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BS



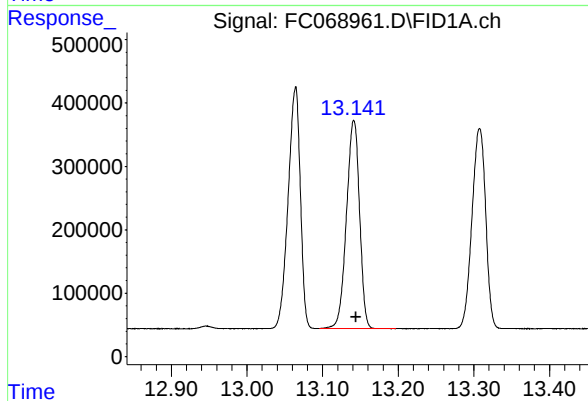
#10 n-Eicosane (C20)

R.T.: 12.695 min
Delta R.T.: -0.003 min
Response: 4157184
Conc: 48.78 ug/ml



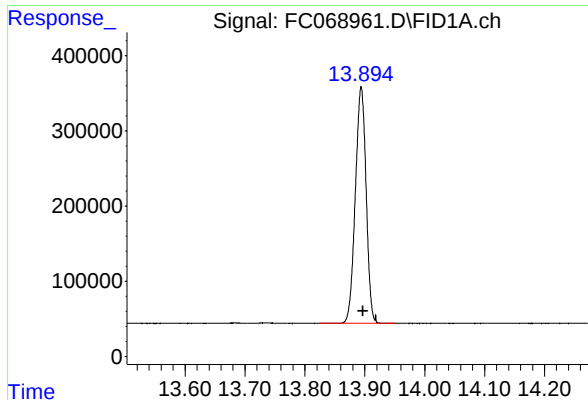
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: -0.003 min
Response: 3971797
Conc: 47.09 ug/ml



#12 1-chlorooctadecane (SURR)

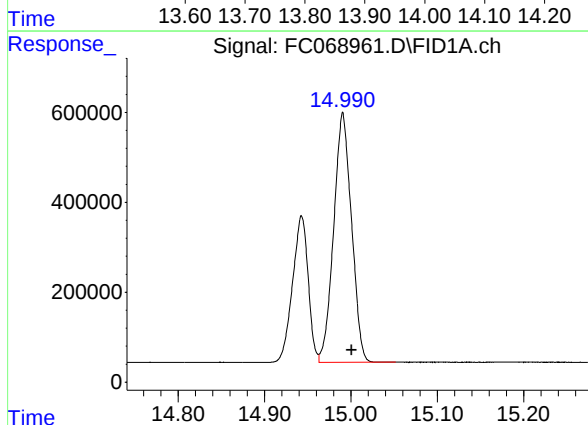
R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 3958040
Conc: 49.34 ug/ml



#13 n-Docosane (C22)

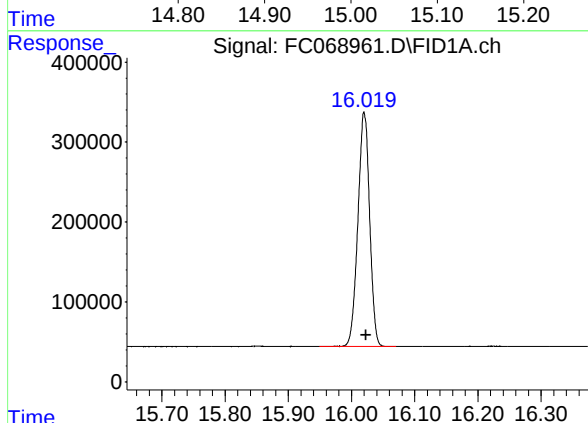
R.T.: 13.894 min
Delta R.T.: -0.003 min
Response: 3925812
Conc: 46.93 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BS



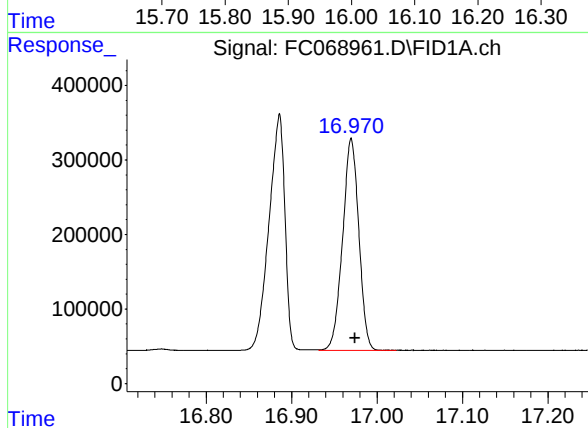
#14 n-Tetracosane (C24)

R.T.: 14.991 min
Delta R.T.: -0.010 min
Response: 7946581
Conc: 95.50 ug/ml



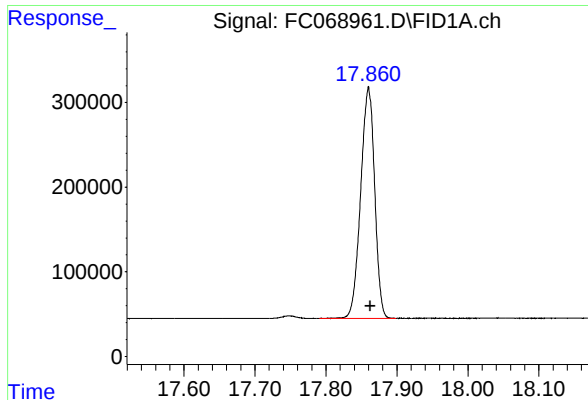
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 3781305
Conc: 45.64 ug/ml



#16 n-Octacosane (C28)

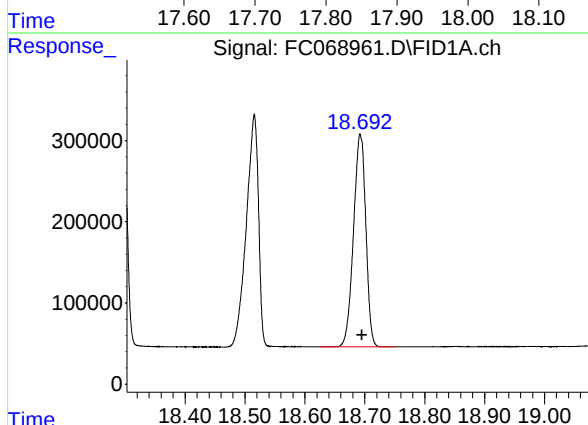
R.T.: 16.970 min
Delta R.T.: -0.004 min
Response: 3746281
Conc: 45.33 ug/ml



#17 n-Tricontane (C30)

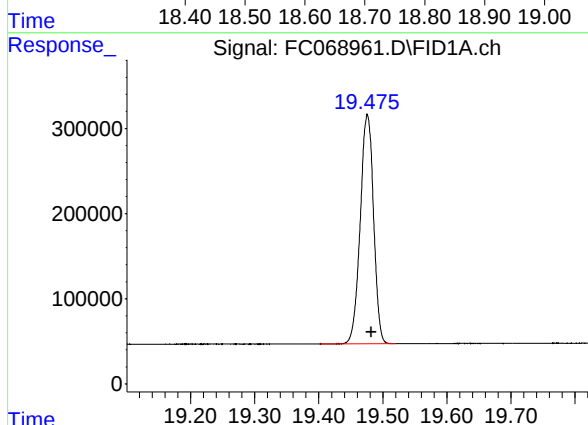
R.T.: 17.860 min
Delta R.T.: -0.002 min
Response: 3743360
Conc: 44.24 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BS



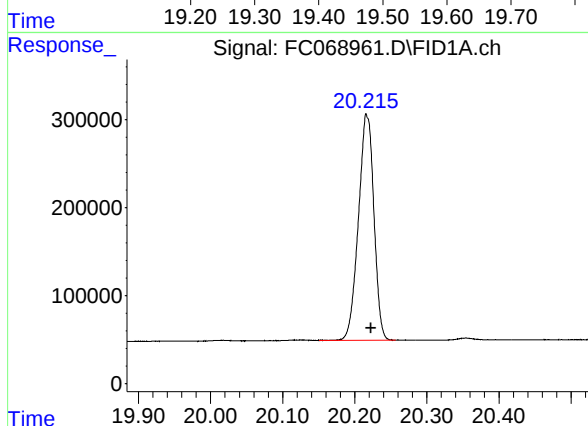
#18 n-Dotriacontane (C32)

R.T.: 18.693 min
Delta R.T.: -0.003 min
Response: 3735504
Conc: 43.37 ug/ml



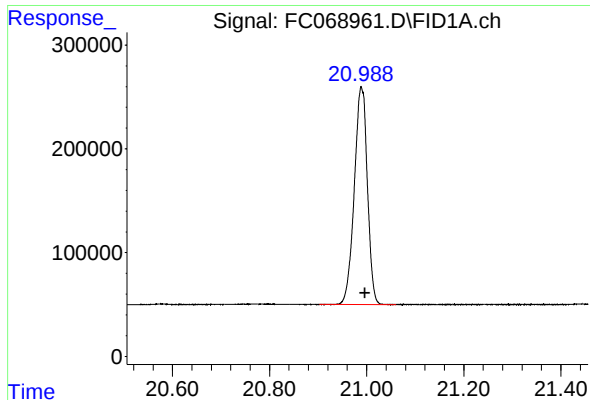
#19 n-Tetatriacontane (C34)

R.T.: 19.476 min
Delta R.T.: -0.006 min
Response: 3892392
Conc: 45.69 ug/ml



#20 n-Hexatriacontane (C36)

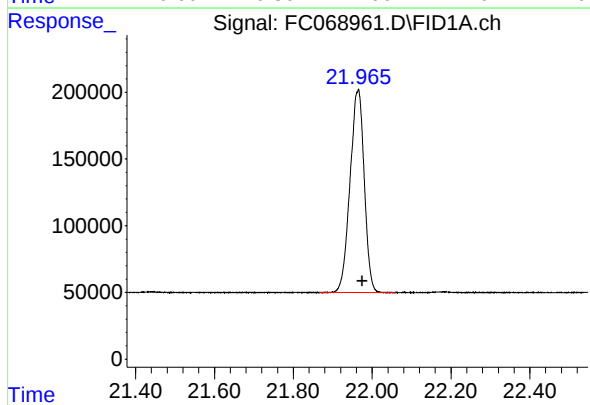
R.T.: 20.217 min
Delta R.T.: -0.005 min
Response: 3834521
Conc: 44.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.989 min
Delta R.T.: -0.007 min
Response: 3910868
Conc: 46.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BS



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.011 min
Response: 3801511
Conc: 46.38 ug/ml