

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
 Data File : FC069646.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2025 21:53
 Operator : YP/AJ
 Sample : PB169207BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169207BSD

Integration File: autoint1.e
 Quant Time: Aug 13 01:19:57 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)	11.665	4892968	32.798 ug/ml
Spiked Amount 50.000		Recovery =	65.60%
12) S 1-chlorooctadecane (S...	13.101	3794482	34.804 ug/ml
Spiked Amount 50.000		Recovery =	69.61%
Target Compounds			
1) T n-Nonane (C9)	3.401	3497265	24.547 ug/ml
2) T n-Decane (C10)	4.471	3841180	26.421 ug/ml
3) T A~Naphthalene (C11.7)	6.064	4709872	30.354 ug/ml
4) T n-Dodecane (C12)	6.494	4297278	29.396 ug/ml
5) T A~2-methylnaphthalene...	7.123	4469713	30.350 ug/ml
6) T n-Tetradecane (C14)	8.295	4403553	30.856 ug/ml
7) T n-Hexadecane (C16)	9.898	4433327	30.753 ug/ml
8) T n-Octadecane (C18)	11.343	4274952	30.230 ug/ml
10) T n-Eicosane (C20)	12.655	4217416	32.016 ug/ml
11) T n-Heneicosane (C21)	13.267	4005246	31.403 ug/ml
13) T n-Docosane (C22)	13.854	3892476	31.160 ug/ml
14) T n-Tetracosane (C24)	14.952	7494639	62.108 ug/ml
15) T n-Hexacosane (C26)	15.983	3557197	30.785 ug/ml
16) T n-Octacosane (C28)	16.934	3414614	30.464 ug/ml
17) T n-Tricontane (C30)	17.823	3370097	29.434 ug/ml
18) T n-Dotriacontane (C32)	18.656	3341413	30.081 ug/ml
19) T n-Tetratriacontane (C34)	19.442	3446181	33.845 ug/ml
20) T n-Hexatriacontane (C36)	20.183	3263635	36.602 ug/ml
21) T n-Octatriacontane (C38)	20.948	3279744	40.771 ug/ml
22) T n-Tetracontane (C40)	21.908	3187972	42.573 ug/ml

(f)=RT Delta > 1/2 Window

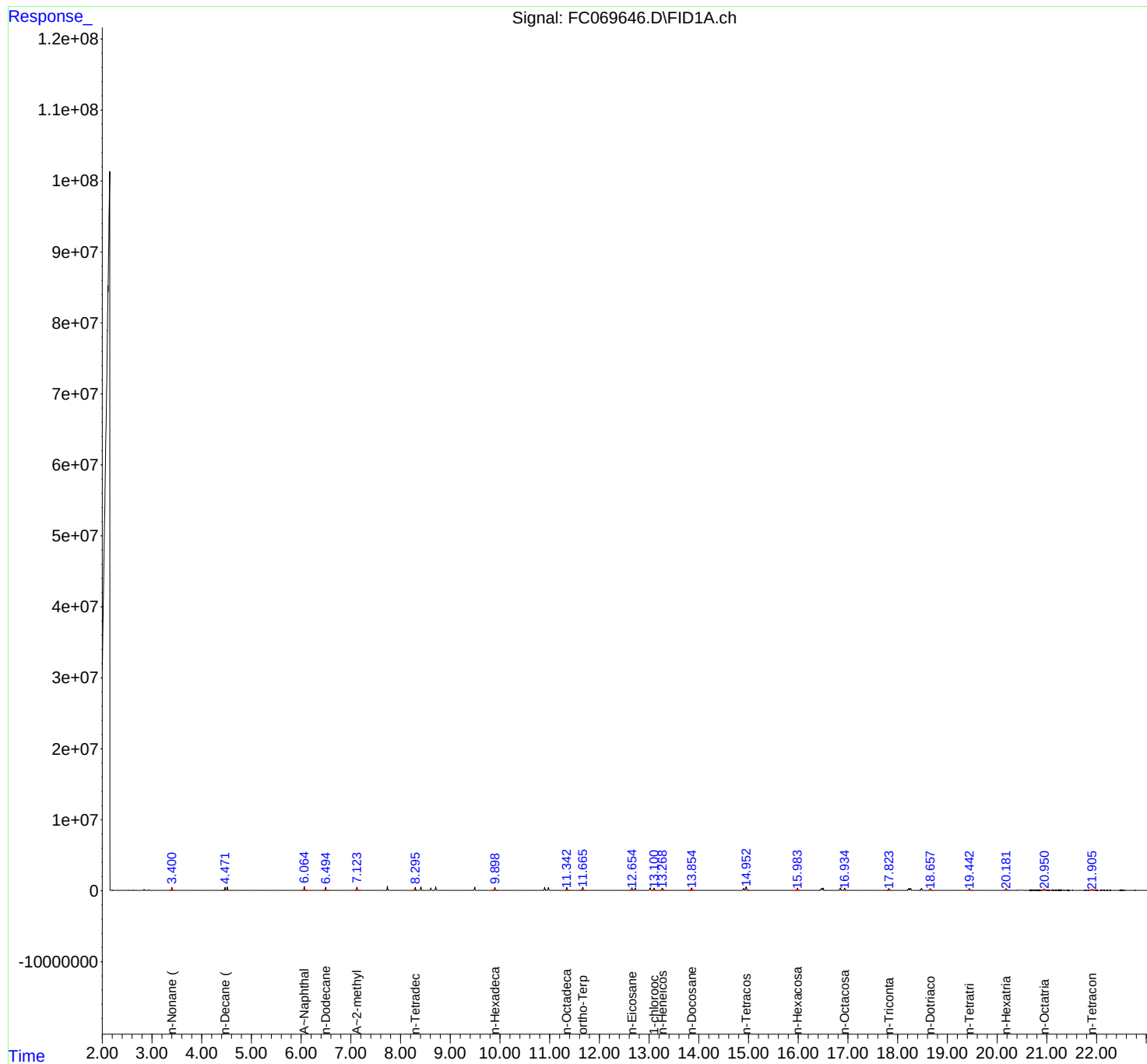
(m)=manual int.

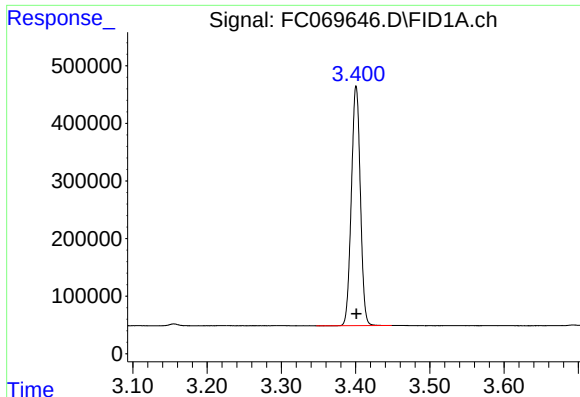
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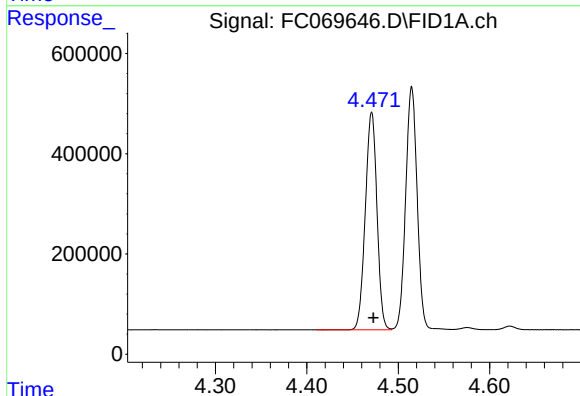




#1 n-Nonane (C9)

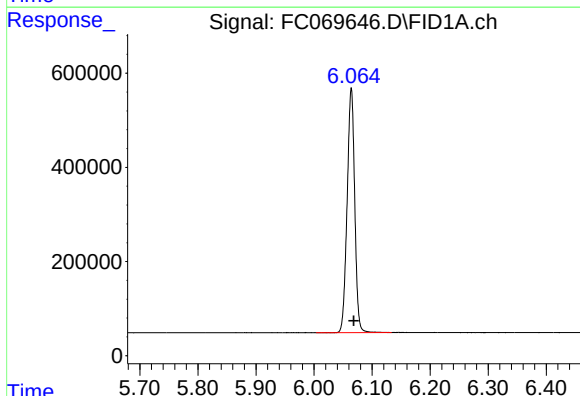
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 3497265
Conc: 24.55 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BSD



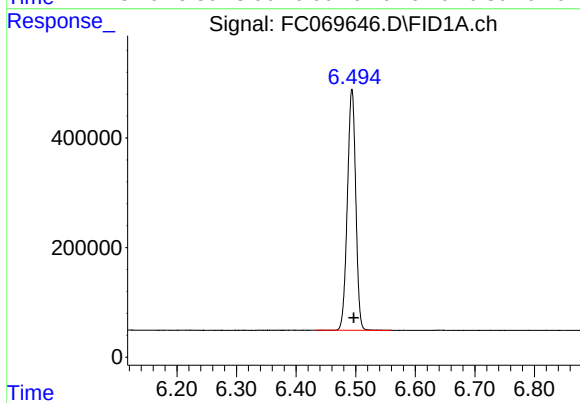
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 3841180
Conc: 26.42 ug/ml



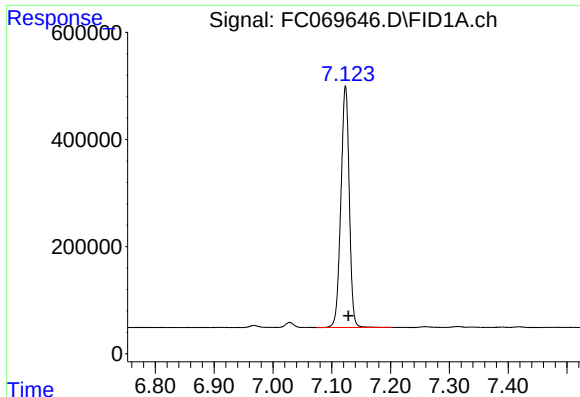
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.004 min
Response: 4709872
Conc: 30.35 ug/ml



#4 n-Dodecane (C12)

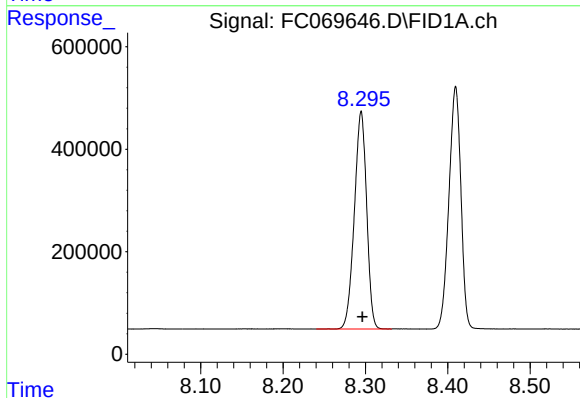
R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 4297278
Conc: 29.40 ug/ml



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

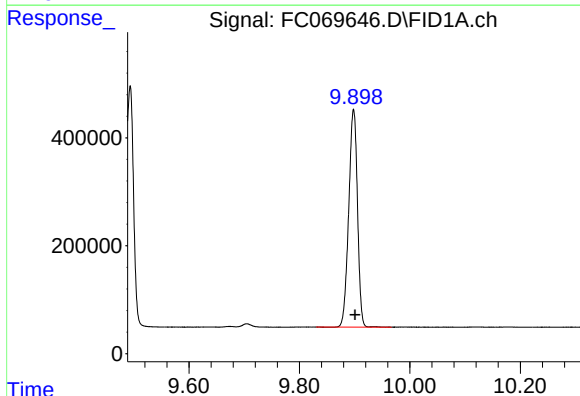
R.T.: 7.123 min
Delta R.T.: -0.005 min
Response: 4469713
Conc: 30.35 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BSD



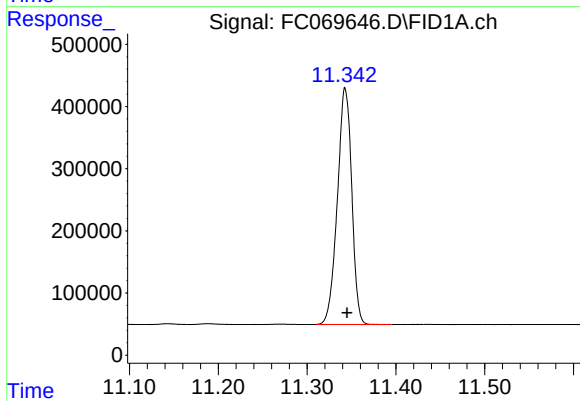
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 4403553
Conc: 30.86 ug/ml



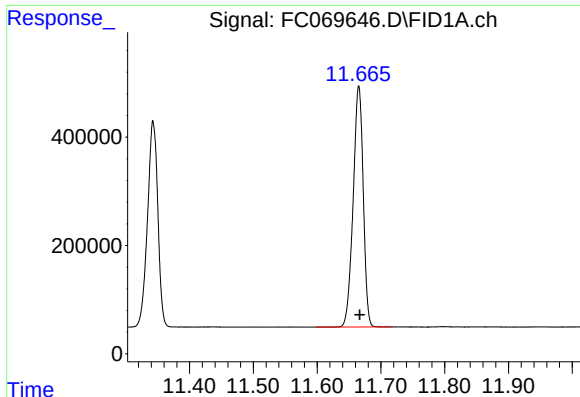
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.003 min
Response: 4433327
Conc: 30.75 ug/ml



#8 n-Octadecane (C18)

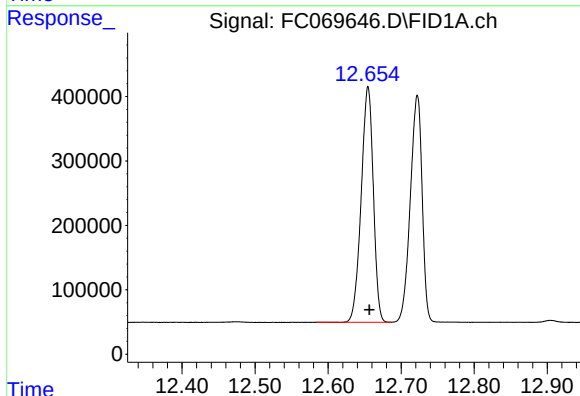
R.T.: 11.343 min
Delta R.T.: -0.002 min
Response: 4274952
Conc: 30.23 ug/ml



#9 ortho-Terphenyl (SURR)

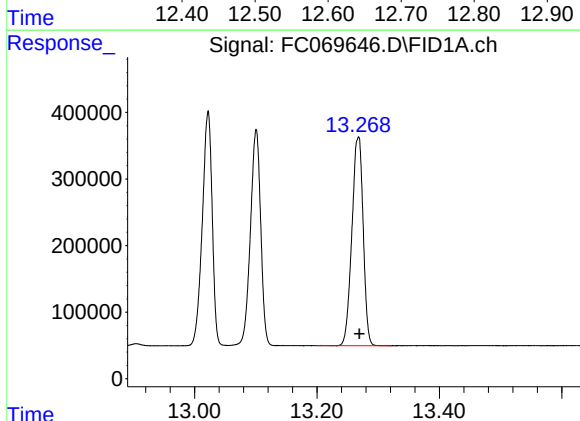
R.T.: 11.665 min
Delta R.T.: -0.002 min
Response: 4892968
Conc: 32.80 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BSD



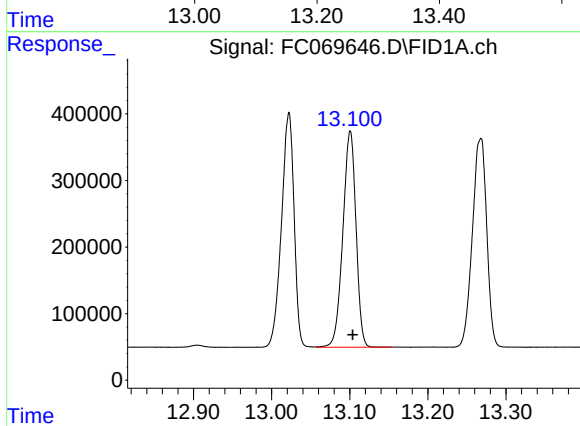
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.002 min
Response: 4217416
Conc: 32.02 ug/ml



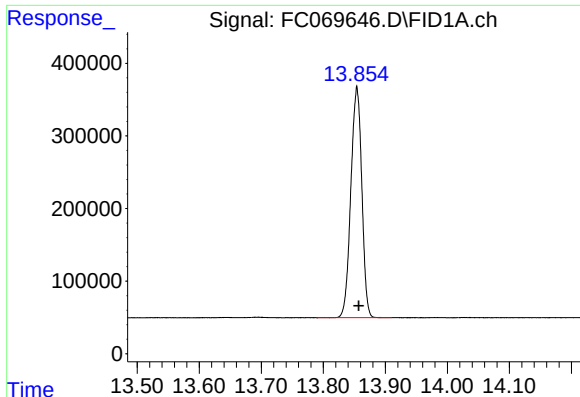
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 4005246
Conc: 31.40 ug/ml



#12 1-chlorooctadecane (SURR)

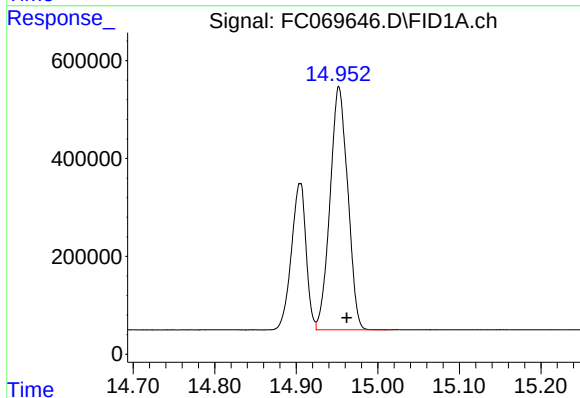
R.T.: 13.101 min
Delta R.T.: -0.003 min
Response: 3794482
Conc: 34.80 ug/ml



#13 n-Docosane (C22)

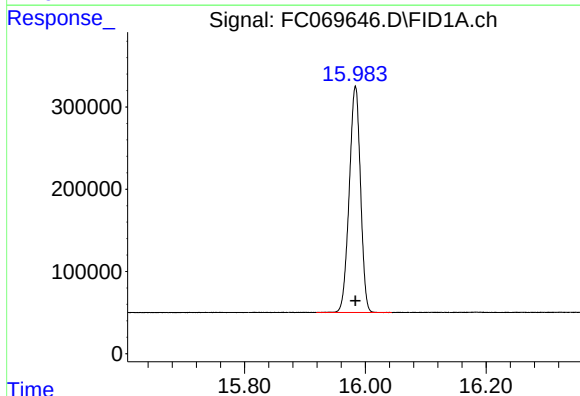
R.T.: 13.854 min
Delta R.T.: -0.003 min
Response: 3892476
Conc: 31.16 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BSD



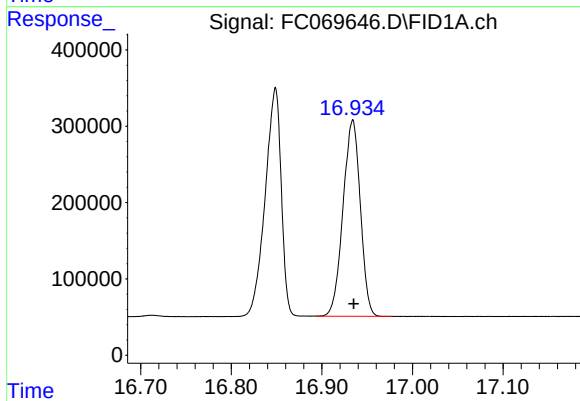
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: -0.010 min
Response: 7494639
Conc: 62.11 ug/ml



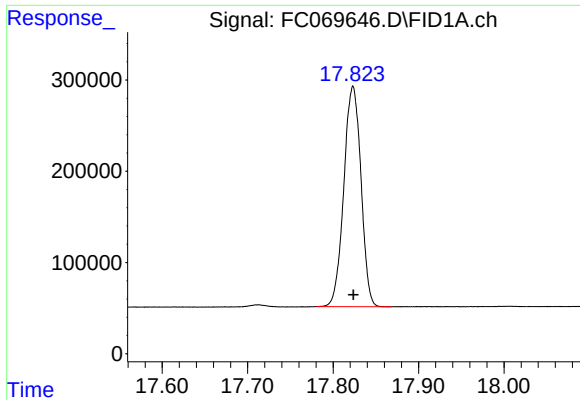
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.000 min
Response: 3557197
Conc: 30.78 ug/ml



#16 n-Octacosane (C28)

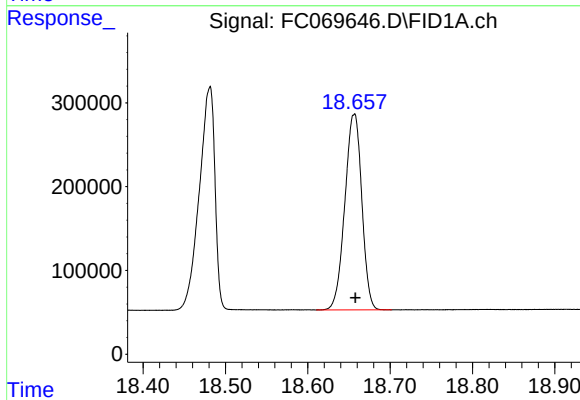
R.T.: 16.934 min
Delta R.T.: -0.001 min
Response: 3414614
Conc: 30.46 ug/ml



#17 n-Tricontane (C30)

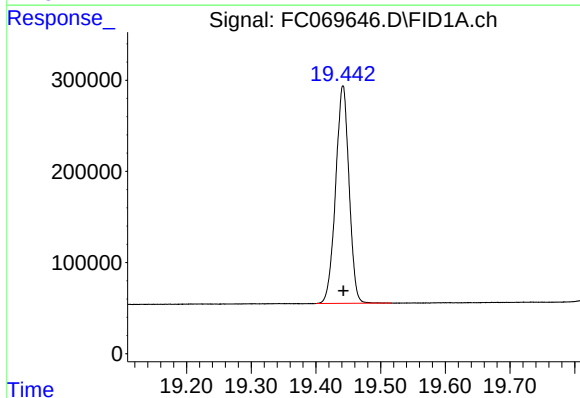
R.T.: 17.823 min
Delta R.T.: 0.000 min
Response: 3370097
Conc: 29.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BSD



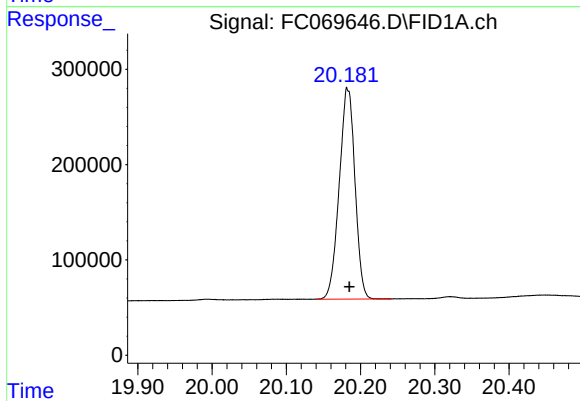
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.001 min
Response: 3341413
Conc: 30.08 ug/ml



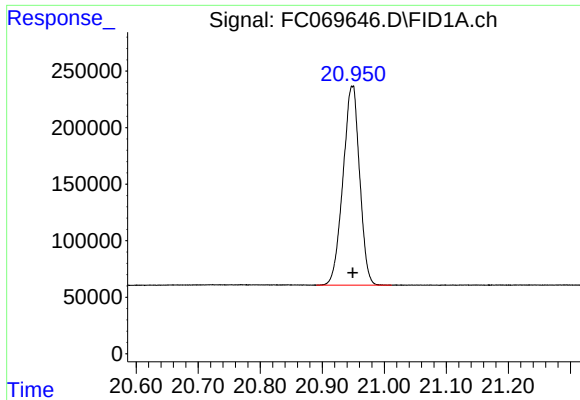
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.000 min
Response: 3446181
Conc: 33.84 ug/ml



#20 n-Hexatriacontane (C36)

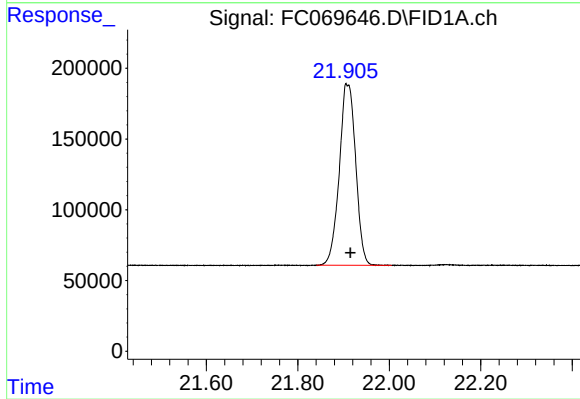
R.T.: 20.183 min
Delta R.T.: -0.002 min
Response: 3263635
Conc: 36.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: 0.000 min
Response: 3279744
Conc: 40.77 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BSD



#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: -0.007 min
Response: 3187972
Conc: 42.57 ug/ml