

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
 Data File : FC069549.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2025 16:46
 Operator : YP/AJ
 Sample : PB169021BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169021BSD

Integration File: autoint1.e
 Quant Time: Jul 29 01:16:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.676	5112813	34.452 ug/ml
Spiked Amount 50.000		Recovery =	68.90%
12) S 1-chlorooctadecane (S...	13.111	3985231	35.264 ug/ml
Spiked Amount 50.000		Recovery =	70.53%
Target Compounds			
1) T n-Nonane (C9)	3.410	4402803	32.354 ug/ml
2) T n-Decane (C10)	4.480	4760370	34.203 ug/ml
3) T A~Naphthalene (C11.7)	6.074	5534159	36.624 ug/ml
4) T n-Dodecane (C12)	6.504	4976996	35.115 ug/ml
5) T A~2-methylnaphthalene...	7.134	5109023	34.971 ug/ml
6) T n-Tetradecane (C14)	8.304	4919496	34.599 ug/ml
7) T n-Hexadecane (C16)	9.907	4925268	33.743 ug/ml
8) T n-Octadecane (C18)	11.353	4763530	33.115 ug/ml
10) T n-Eicosane (C20)	12.665	4753096	35.405 ug/ml
11) T n-Heneicosane (C21)	13.278	4492029	34.583 ug/ml
13) T n-Docosane (C22)	13.865	4382972	34.509 ug/ml
14) T n-Tetracosane (C24)	14.965	8508980	69.716 ug/ml
15) T n-Hexacosane (C26)	15.993	4050568	34.864 ug/ml
16) T n-Octacosane (C28)	16.945	3898239	35.210 ug/ml
17) T n-Tricontane (C30)	17.835	3934336	35.930 ug/ml
18) T n-Dotriacontane (C32)	18.668	3962034	38.181 ug/ml
19) T n-Tetratriacontane (C34)	19.454	4243501	45.034 ug/ml
20) T n-Hexatriacontane (C36)	20.195	4240633	51.340 ug/ml
21) T n-Octatriacontane (C38)	20.964	4444891	58.521 ug/ml
22) T n-Tetracontane (C40)	21.934	4400217	60.072 ug/ml

(f)=RT Delta > 1/2 Window

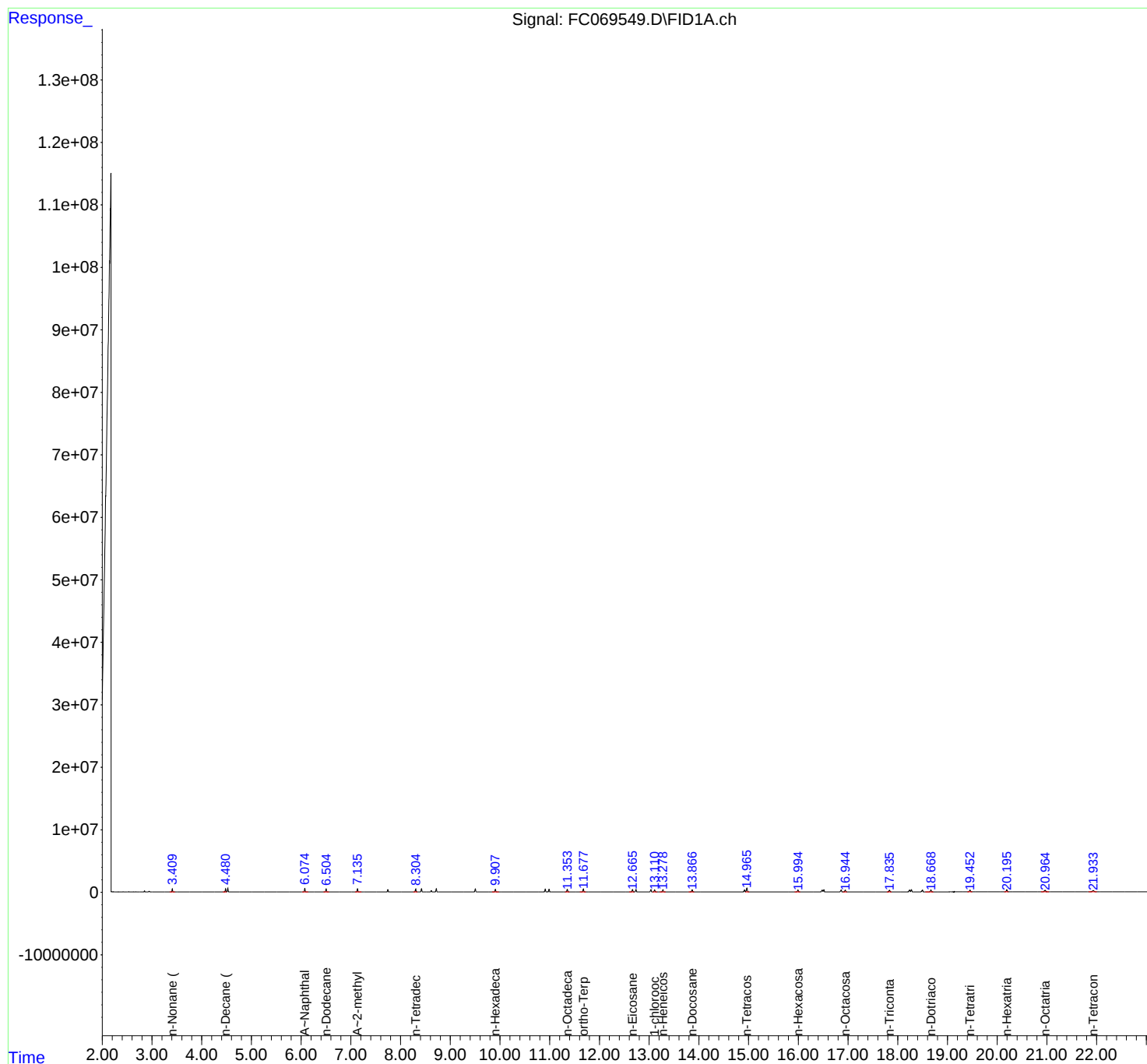
(m)=manual int.

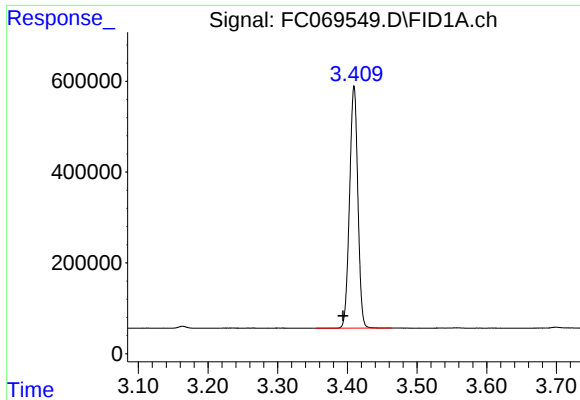
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
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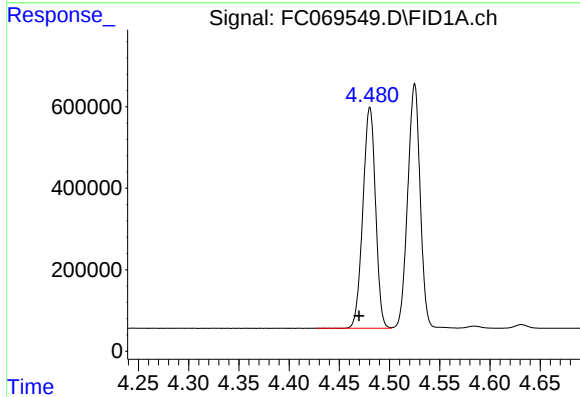




#1 n-Nonane (C9)

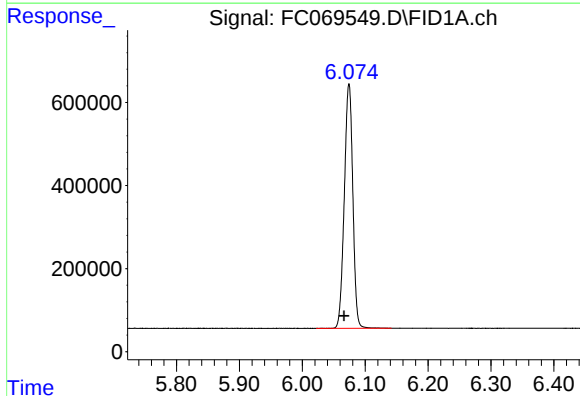
R.T.: 3.410 min
Delta R.T.: 0.016 min
Response: 4402803
Conc: 32.35 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169021BSD



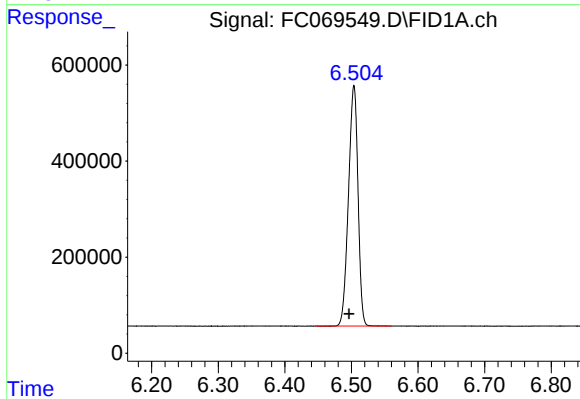
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: 0.011 min
Response: 4760370
Conc: 34.20 ug/ml



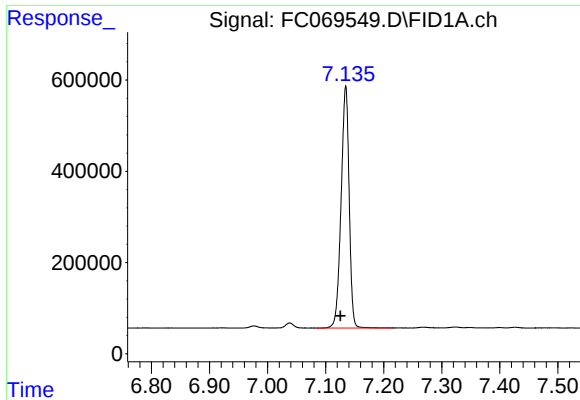
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.008 min
Response: 5534159
Conc: 36.62 ug/ml



#4 n-Dodecane (C12)

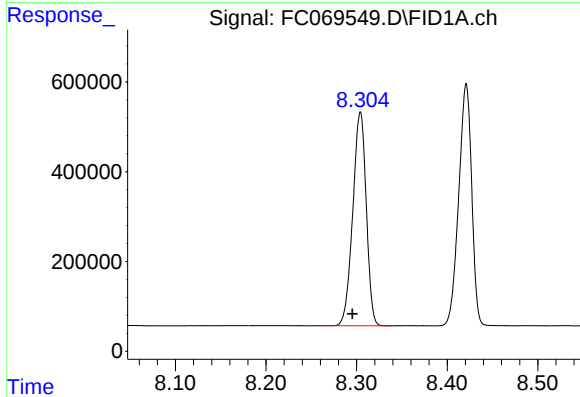
R.T.: 6.504 min
Delta R.T.: 0.007 min
Response: 4976996
Conc: 35.11 ug/ml



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

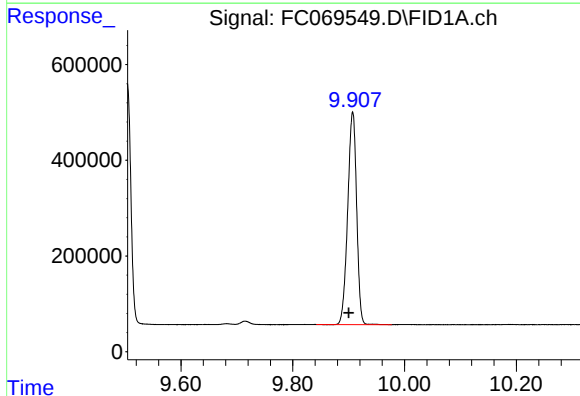
R.T.: 7.134 min
Delta R.T.: 0.009 min
Response: 5109023
Conc: 34.97 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169021BSD



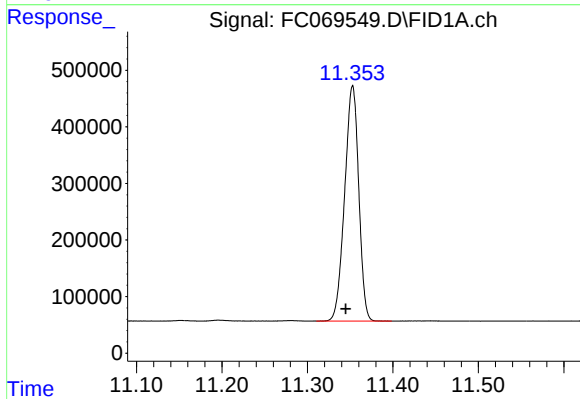
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: 0.009 min
Response: 4919496
Conc: 34.60 ug/ml



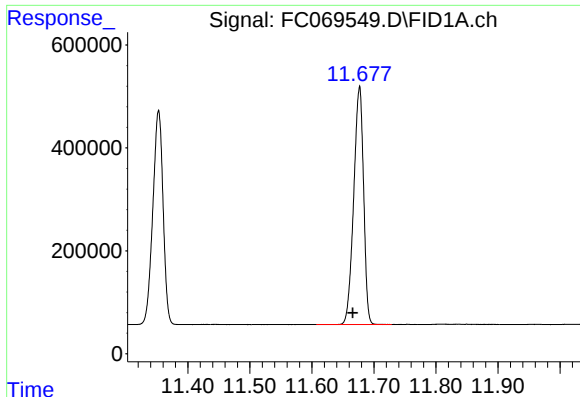
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.007 min
Response: 4925268
Conc: 33.74 ug/ml



#8 n-Octadecane (C18)

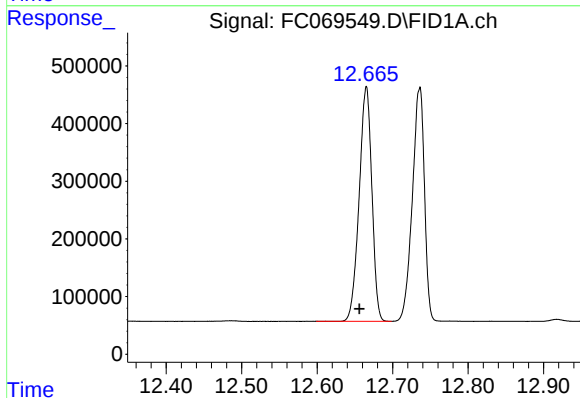
R.T.: 11.353 min
Delta R.T.: 0.008 min
Response: 4763530
Conc: 33.11 ug/ml



#9 ortho-Terphenyl (SURR)

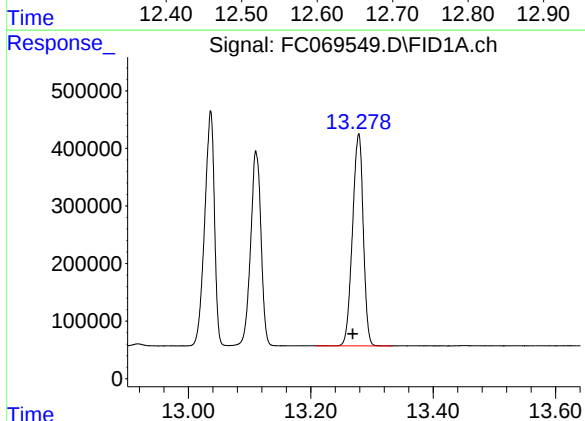
R.T.: 11.676 min
Delta R.T.: 0.011 min
Response: 5112813
Conc: 34.45 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169021BSD



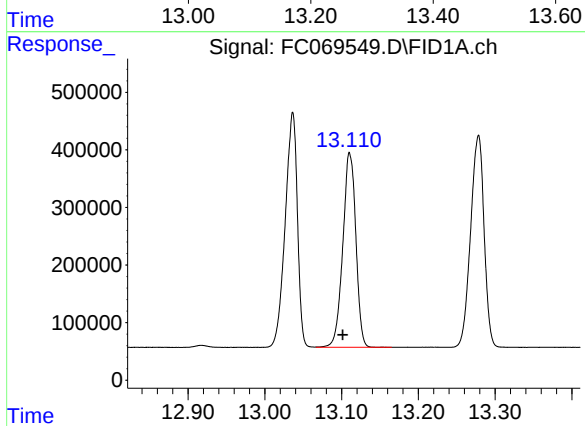
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: 0.009 min
Response: 4753096
Conc: 35.40 ug/ml



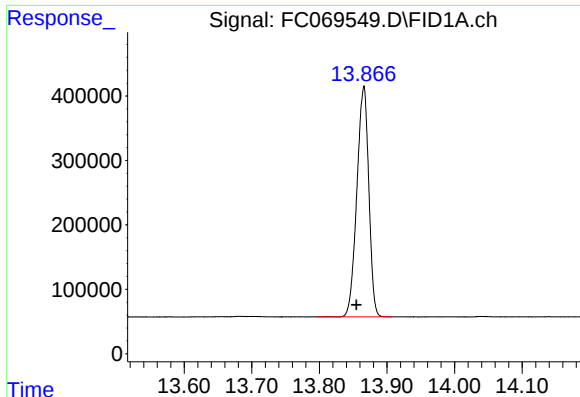
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: 0.010 min
Response: 4492029
Conc: 34.58 ug/ml



#12 1-chlorooctadecane (SURR)

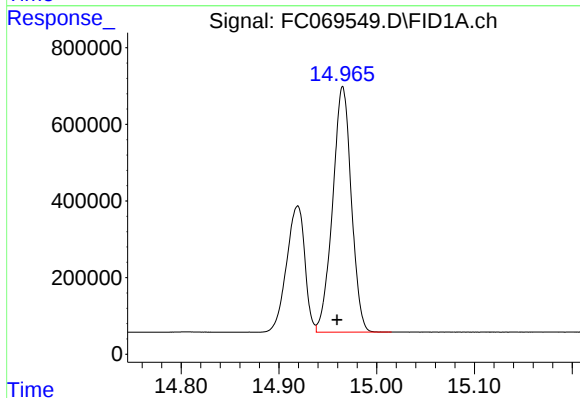
R.T.: 13.111 min
Delta R.T.: 0.009 min
Response: 3985231
Conc: 35.26 ug/ml



#13 n-Docosane (C22)

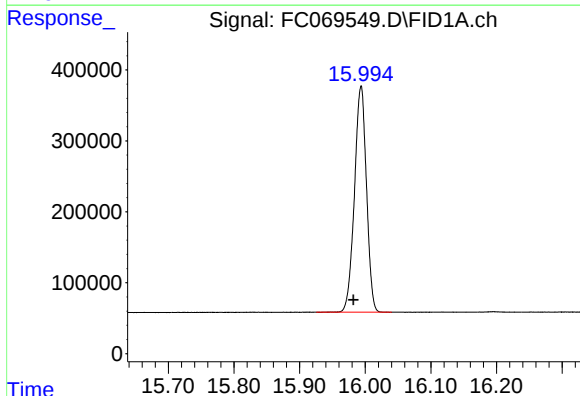
R.T.: 13.865 min
Delta R.T.: 0.011 min
Response: 4382972
Conc: 34.51 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169021BSD



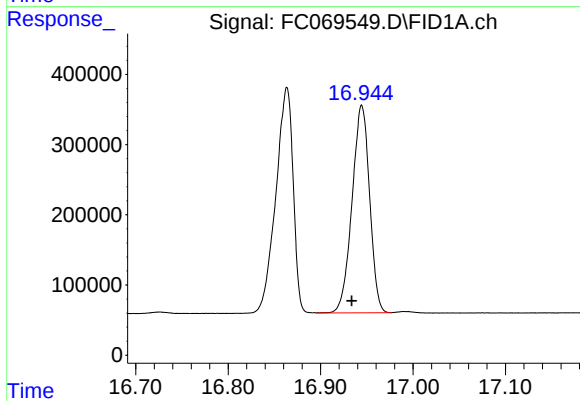
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: 0.006 min
Response: 8508980
Conc: 69.72 ug/ml



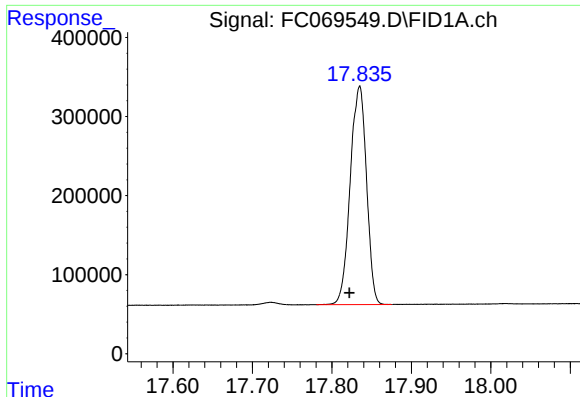
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: 0.011 min
Response: 4050568
Conc: 34.86 ug/ml



#16 n-Octacosane (C28)

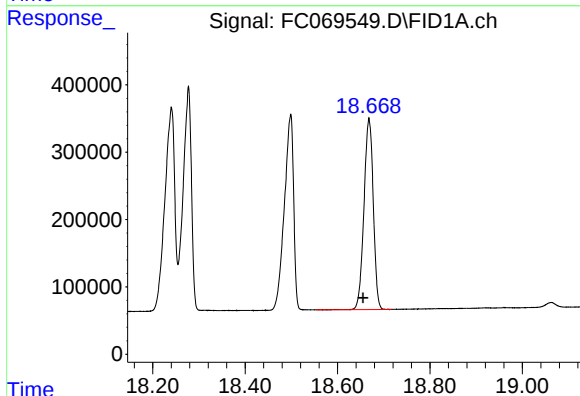
R.T.: 16.945 min
Delta R.T.: 0.011 min
Response: 3898239
Conc: 35.21 ug/ml



#17 n-Tricontane (C30)

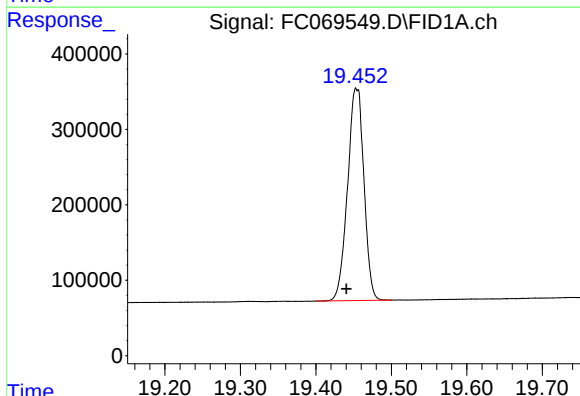
R.T.: 17.835 min
Delta R.T.: 0.012 min
Response: 3934336
Conc: 35.93 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169021BSD



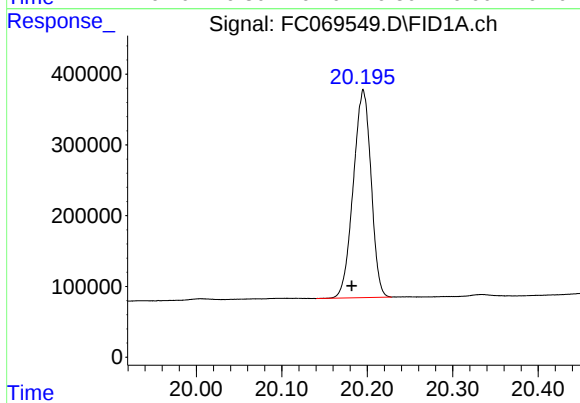
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: 0.013 min
Response: 3962034
Conc: 38.18 ug/ml



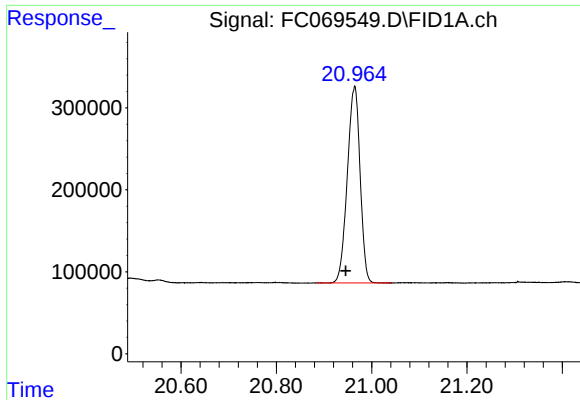
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.013 min
Response: 4243501
Conc: 45.03 ug/ml



#20 n-Hexatriacontane (C36)

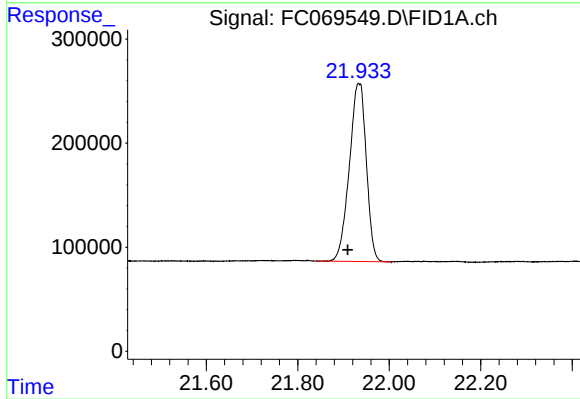
R.T.: 20.195 min
Delta R.T.: 0.014 min
Response: 4240633
Conc: 51.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.964 min
Delta R.T.: 0.018 min
Response: 4444891
Conc: 58.52 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169021BSD



#22 n-Tetracontane (C40)

R.T.: 21.934 min
Delta R.T.: 0.025 min
Response: 4400217
Conc: 60.07 ug/ml