

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069123.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 23:35
 Operator : YP/AJ
 Sample : PB168322BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168322BSD

Integration File: autoint1.e
 Quant Time: Jun 07 02:44:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.680	5674651	46.007 ug/ml
Spiked Amount 50.000		Recovery =	92.01%
12) S 1-chlorooctadecane (S...	13.116	4368938	48.699 ug/ml
Spiked Amount 50.000		Recovery =	97.40%
Target Compounds			
1) T n-Nonane (C9)	3.414	5140110	48.435 ug/ml
2) T n-Decane (C10)	4.527	6359112	60.044 ug/ml
3) T A~Naphthalene (C11.7)	6.075	6882136	59.516 ug/ml
4) T n-Dodecane (C12)	6.507	5932798	56.437 ug/ml
5) T A~2-methylnaphthalene...	7.135	6291792	55.498 ug/ml
6) T n-Tetradecane (C14)	8.308	5713372	55.738 ug/ml
7) T n-Hexadecane (C16)	9.912	5626514	55.451 ug/ml
8) T n-Octadecane (C18)	11.358	5416001	54.190 ug/ml
10) T n-Eicosane (C20)	12.671	5521474	56.690 ug/ml
11) T n-Heneicosane (C21)	13.284	5276976	54.824 ug/ml
13) T n-Docosane (C22)	13.871	5214395	54.733 ug/ml
14) T n-Tetracosane (C24)	14.968	11077500	117.654 ug/ml
15) T n-Hexacosane (C26)	16.001	5109678	55.037 ug/ml
16) T n-Octacosane (C28)	16.951	5108449	54.958 ug/ml
17) T n-Tricontane (C30)	17.844	5101359	52.723 ug/ml
18) T n-Dotriacontane (C32)	18.677	5123846	51.705 ug/ml
19) T n-Tetratriacontane (C34)	19.464	5328962	55.292 ug/ml
20) T n-Hexatriacontane (C36)	20.206	5231068	55.105 ug/ml
21) T n-Octatriacontane (C38)	20.977	5297421	58.064 ug/ml
22) T n-Tetracontane (C40)	21.949	5021532	56.911 ug/ml

(f)=RT Delta > 1/2 Window

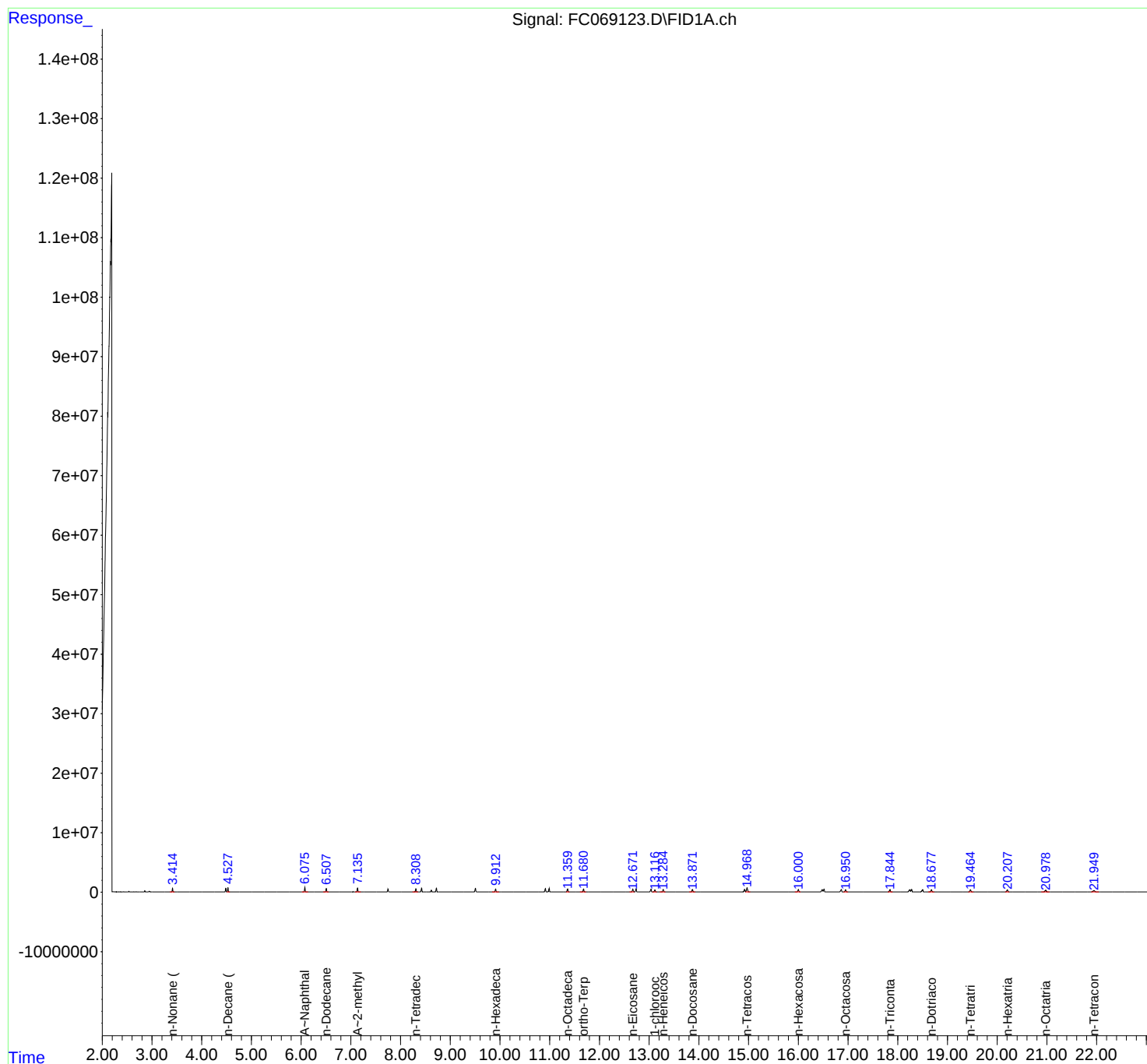
(m)=manual int.

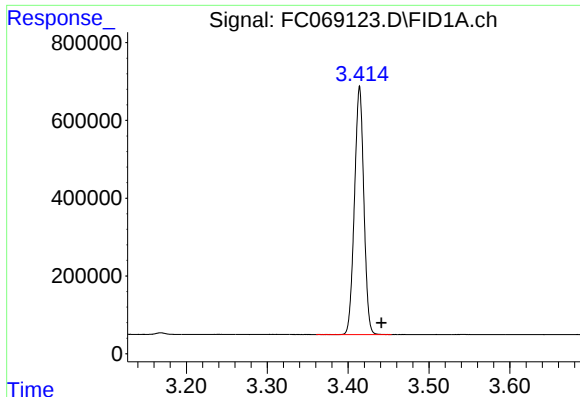
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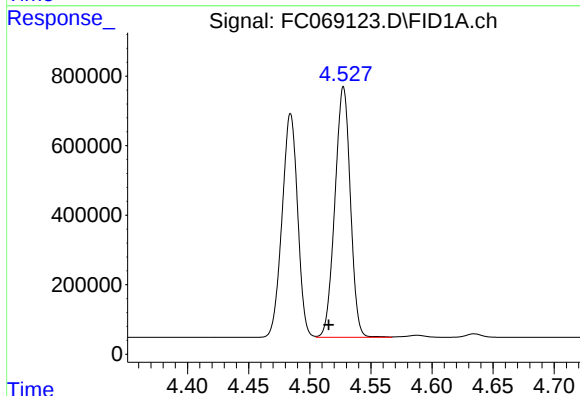




#1 n-Nonane (C9)

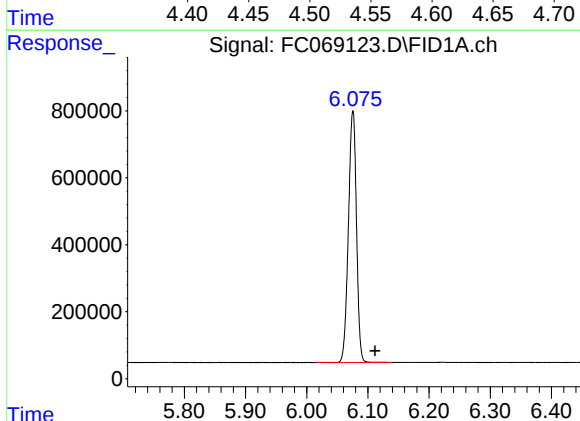
R.T.: 3.414 min
Delta R.T.: -0.027 min
Response: 5140110
Conc: 48.44 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BSD



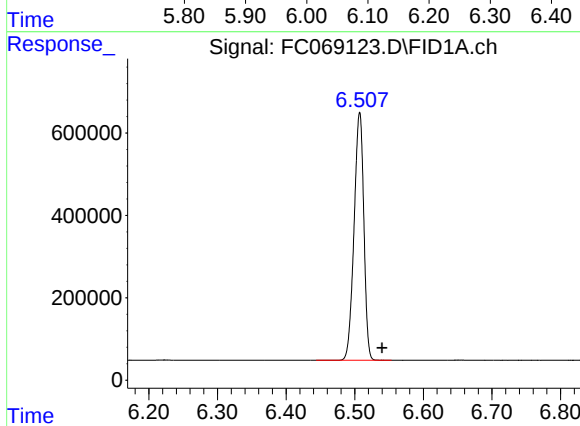
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.012 min
Response: 6359112
Conc: 60.04 ug/ml



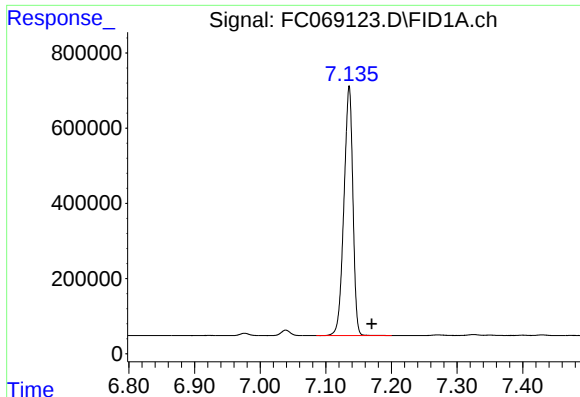
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.037 min
Response: 6882136
Conc: 59.52 ug/ml



#4 n-Dodecane (C12)

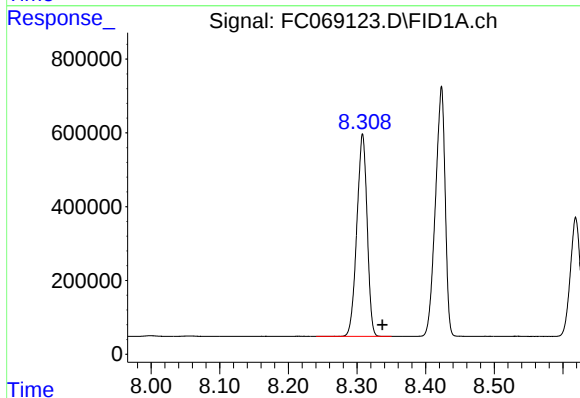
R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 5932798
Conc: 56.44 ug/ml



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

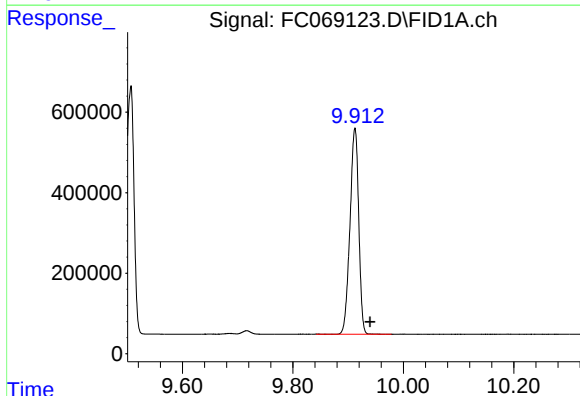
R.T.: 7.135 min
Delta R.T.: -0.034 min
Response: 6291792
Conc: 55.50 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BSD



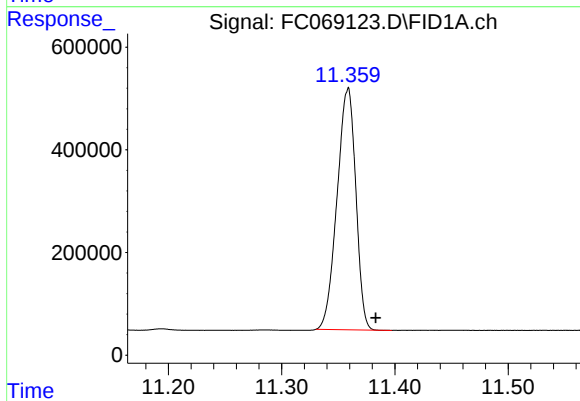
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.029 min
Response: 5713372
Conc: 55.74 ug/ml



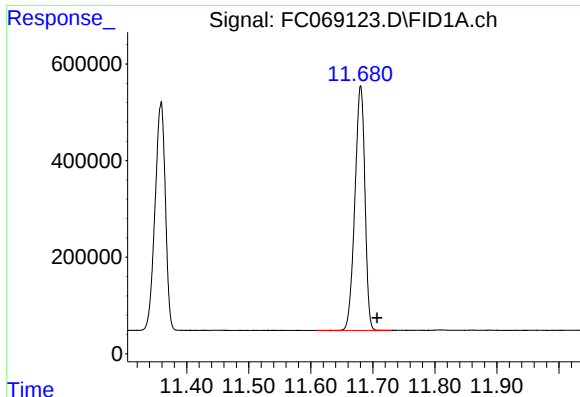
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 5626514
Conc: 55.45 ug/ml



#8 n-Octadecane (C18)

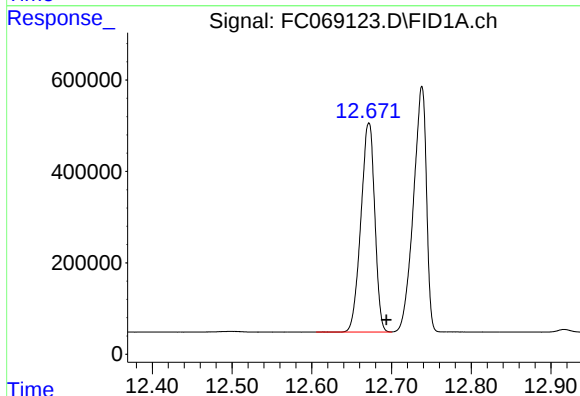
R.T.: 11.358 min
Delta R.T.: -0.025 min
Response: 5416001
Conc: 54.19 ug/ml



#9 ortho-Terphenyl (SURR)

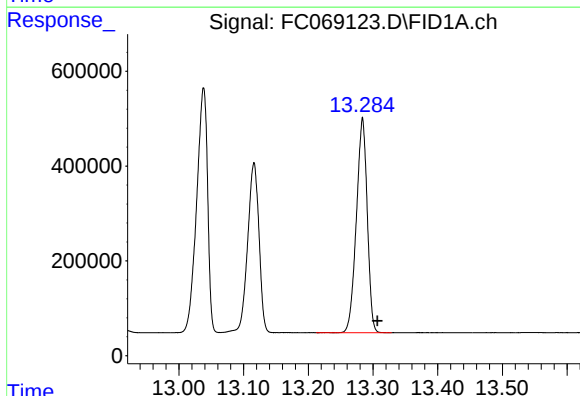
R.T.: 11.680 min
Delta R.T.: -0.027 min
Response: 5674651
Conc: 46.01 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BSD



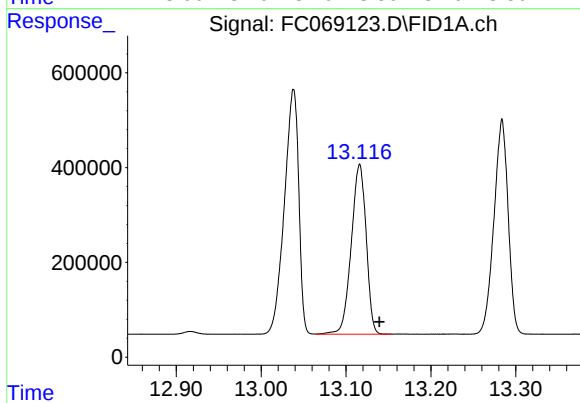
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: -0.022 min
Response: 5521474
Conc: 56.69 ug/ml



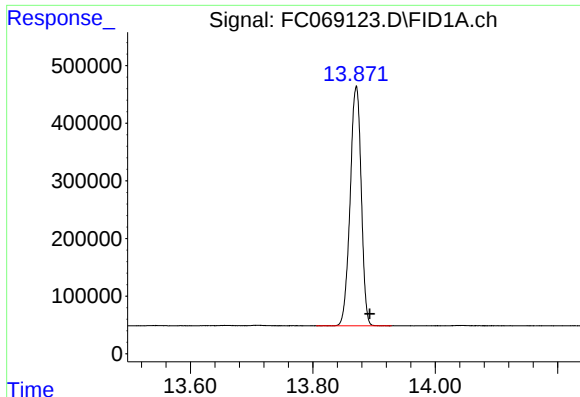
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: -0.023 min
Response: 5276976
Conc: 54.82 ug/ml



#12 1-chlorooctadecane (SURR)

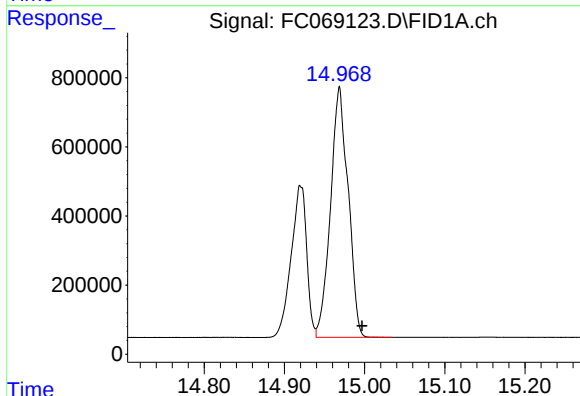
R.T.: 13.116 min
Delta R.T.: -0.023 min
Response: 4368938
Conc: 48.70 ug/ml



#13 n-Docosane (C22)

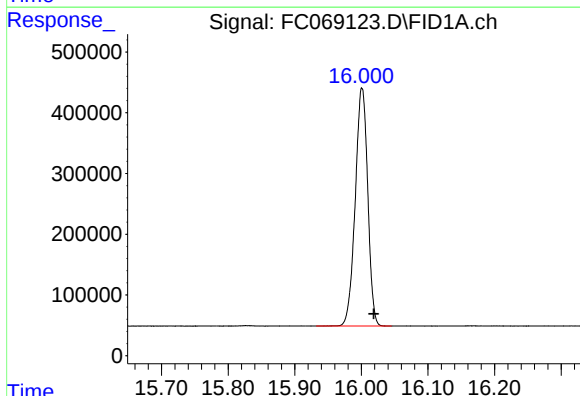
R.T.: 13.871 min
Delta R.T.: -0.023 min
Response: 5214395
Conc: 54.73 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BSD



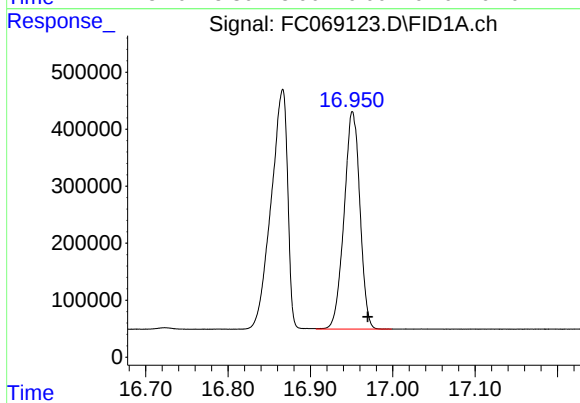
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.029 min
Response: 11077500
Conc: 117.65 ug/ml



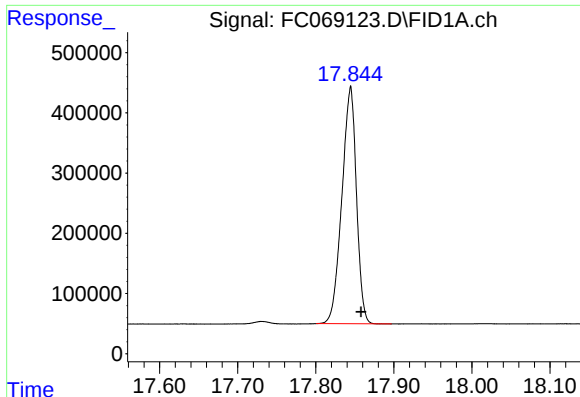
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: -0.018 min
Response: 5109678
Conc: 55.04 ug/ml



#16 n-Octacosane (C28)

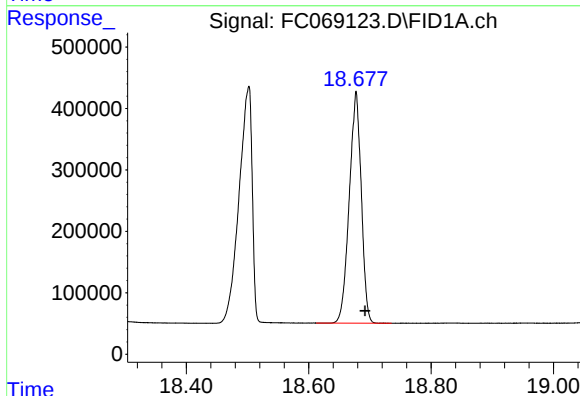
R.T.: 16.951 min
Delta R.T.: -0.018 min
Response: 5108449
Conc: 54.96 ug/ml



#17 n-Tricontane (C30)

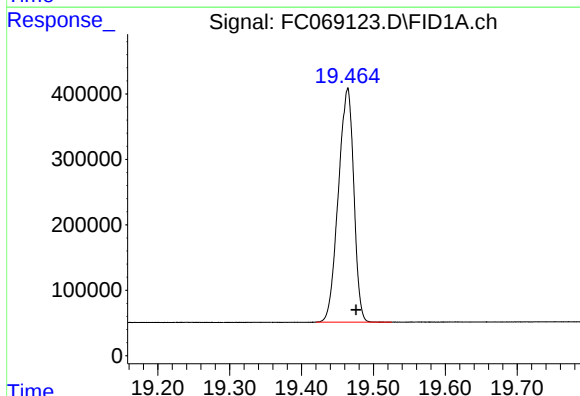
R.T.: 17.844 min
Delta R.T.: -0.014 min
Response: 5101359
Conc: 52.72 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BSD



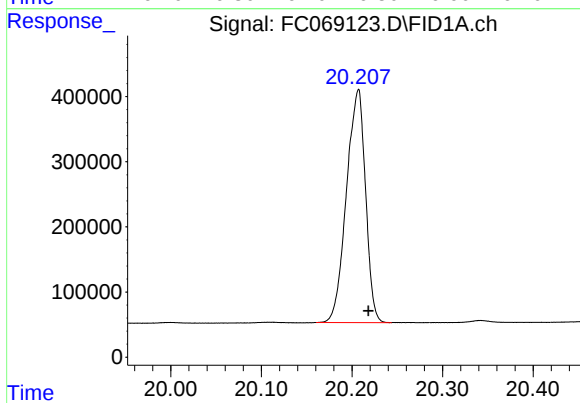
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: -0.015 min
Response: 5123846
Conc: 51.70 ug/ml



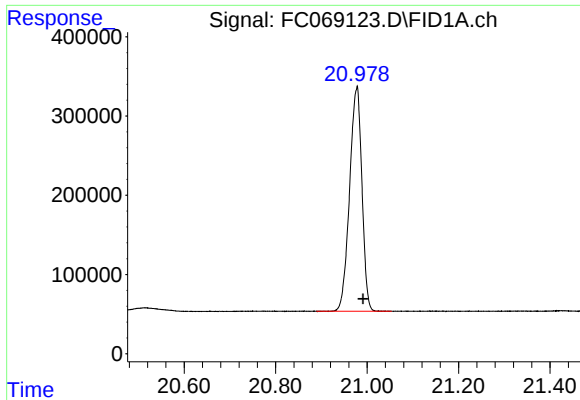
#19 n-Tetratriacontane (C34)

R.T.: 19.464 min
Delta R.T.: -0.012 min
Response: 5328962
Conc: 55.29 ug/ml



#20 n-Hexatriacontane (C36)

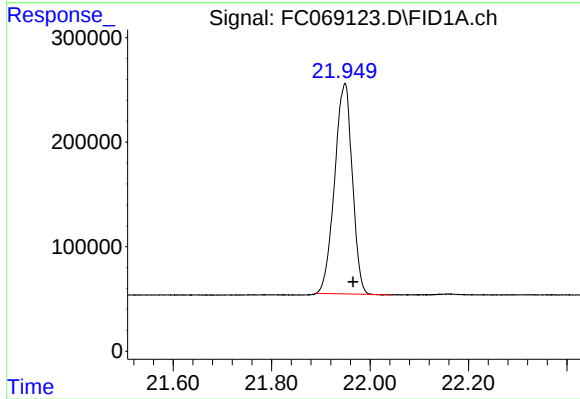
R.T.: 20.206 min
Delta R.T.: -0.011 min
Response: 5231068
Conc: 55.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.977 min
Delta R.T.: -0.014 min
Response: 5297421
Conc: 58.06 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168322BSD



#22 n-Tetracontane (C40)

R.T.: 21.949 min
Delta R.T.: -0.016 min
Response: 5021532
Conc: 56.91 ug/ml