

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069559.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 11:43
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 01 13:17:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:14:26 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)	11.674	6835847	47.562 ug/ml
Spiked Amount 50.000		Recovery =	95.12%
12) S 1-chlorooctadecane (S...	13.109	5030704	47.608 ug/ml
Spiked Amount 50.000		Recovery =	95.22%
Target Compounds			
1) T n-Nonane (C9)	3.402	6460632	46.892 ug/ml
2) T n-Decane (C10)	4.476	6602241	46.773 ug/ml
3) T A~Naphthalene (C11.7)	6.072	7117131	47.198 ug/ml
4) T n-Dodecane (C12)	6.501	6628143	46.678 ug/ml
5) T A~2-methylnaphthalene...	7.132	6792629	47.225 ug/ml
6) T n-Tetradecane (C14)	8.301	6486829	46.680 ug/ml
7) T n-Hexadecane (C16)	9.906	6527978	46.744 ug/ml
8) T n-Octadecane (C18)	11.351	6407218	47.047 ug/ml
10) T n-Eicosane (C20)	12.662	5985413	47.333 ug/ml
11) T n-Heneicosane (C21)	13.275	5808893	47.439 ug/ml
13) T n-Docosane (C22)	13.862	5705652	47.532 ug/ml
14) T n-Tetracosane (C24)	14.967	5527058	47.677 ug/ml
15) T n-Hexacosane (C26)	15.990	5299336	47.731 ug/ml
16) T n-Octacosane (C28)	16.941	5093903	47.715 ug/ml
17) T n-Tricontane (C30)	17.830	5089600	47.587 ug/ml
18) T n-Dotriacontane (C32)	18.663	4885889	47.502 ug/ml
19) T n-Tetratriacontane (C34)	19.449	4493512	47.393 ug/ml
20) T n-Hexatriacontane (C36)	20.189	3952844	47.291 ug/ml
21) T n-Octatriacontane (C38)	20.953	3637053	47.386 ug/ml
22) T n-Tetracontane (C40)	21.922	3462128	47.625 ug/ml

(f)=RT Delta > 1/2 Window

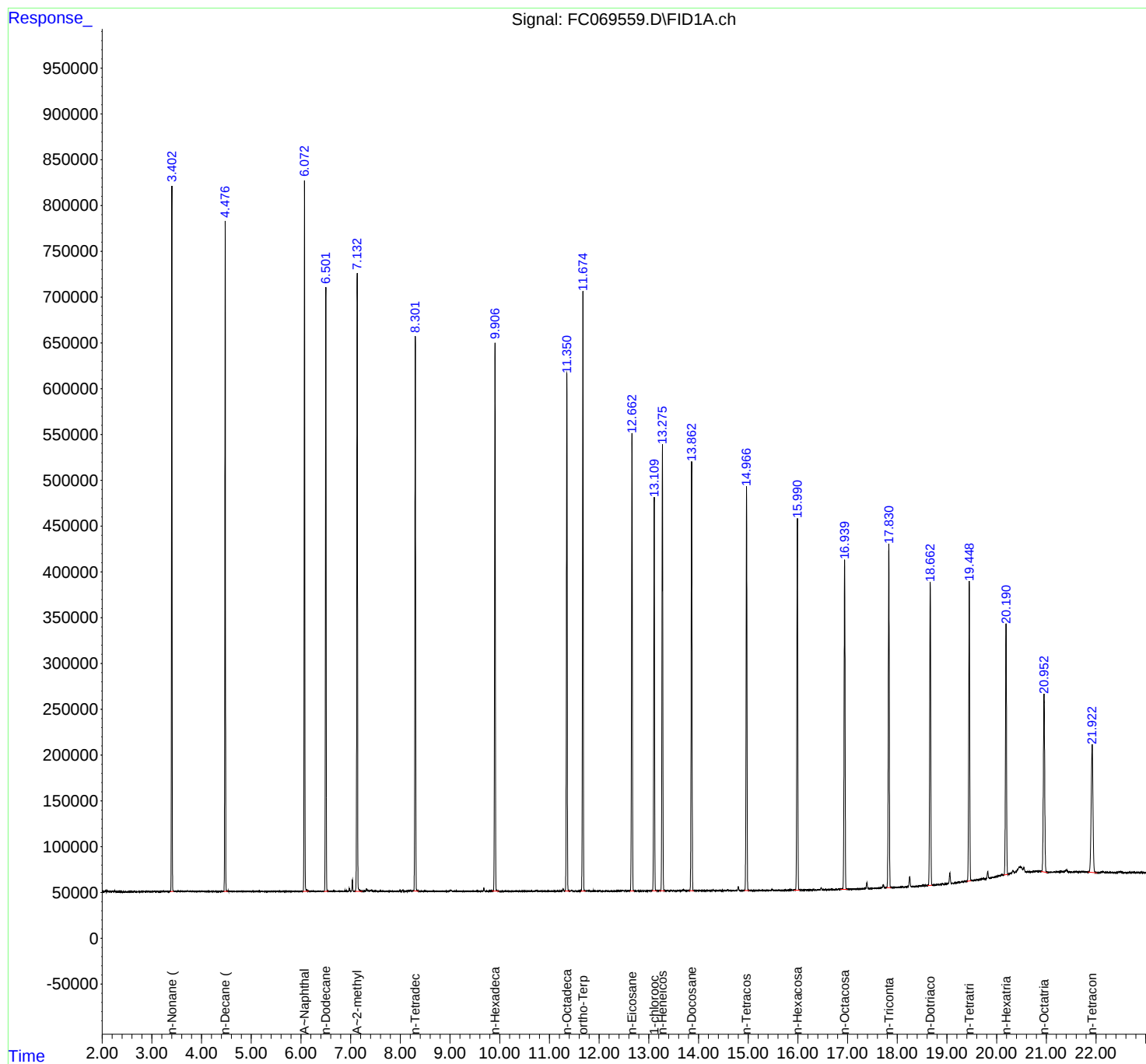
(m)=manual int.

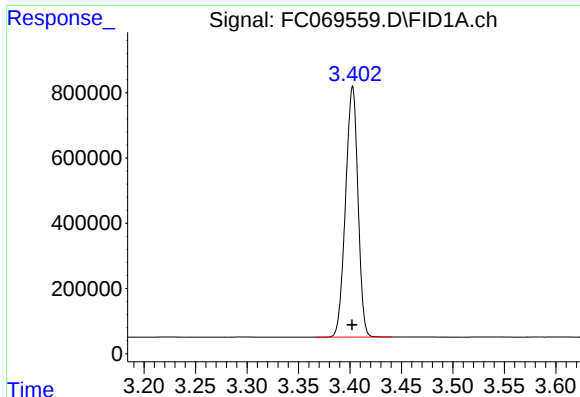
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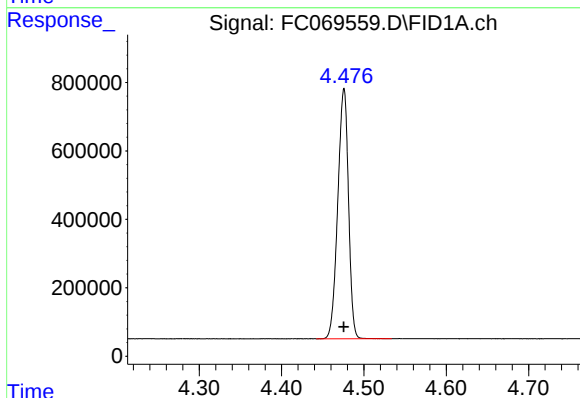




#1 n-Nonane (C9)

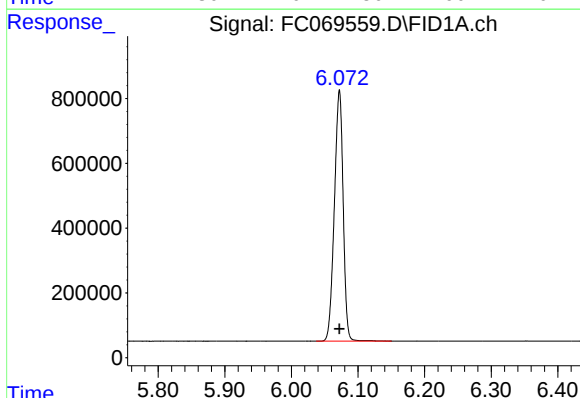
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 6460632
Conc: 46.89 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



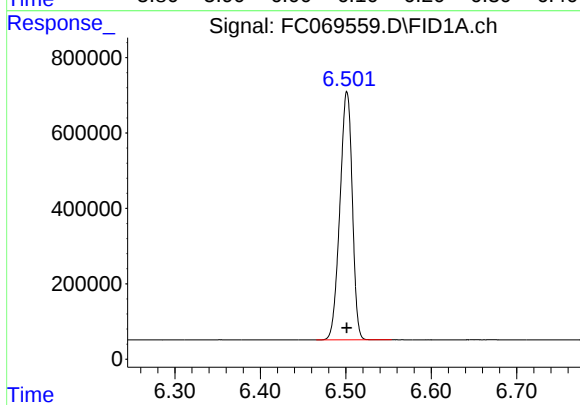
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 6602241
Conc: 46.77 ug/ml



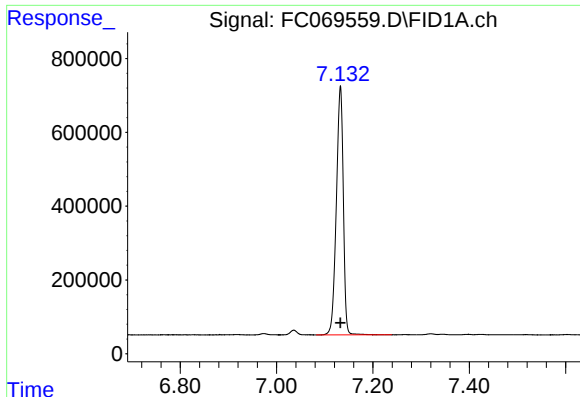
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 7117131
Conc: 47.20 ug/ml



#4 n-Dodecane (C12)

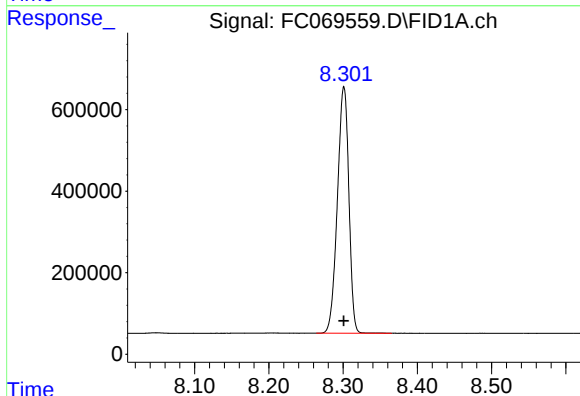
R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 6628143
Conc: 46.68 ug/ml



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

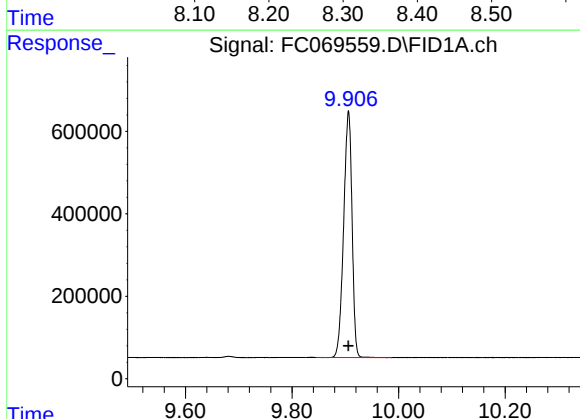
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 6792629
Conc: 47.22 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



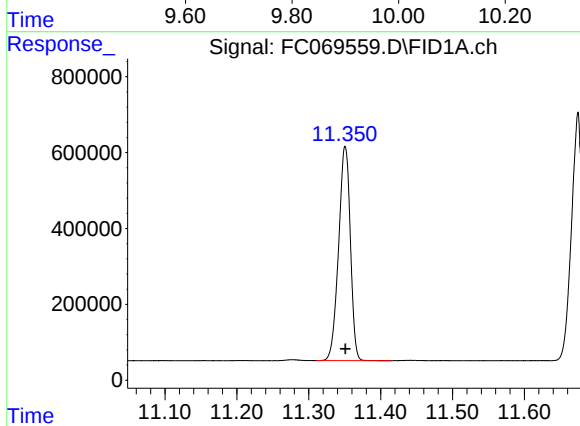
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: 0.000 min
Response: 6486829
Conc: 46.68 ug/ml



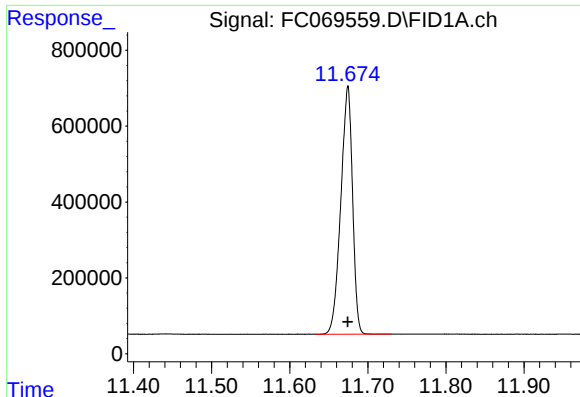
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: 0.000 min
Response: 6527978
Conc: 46.74 ug/ml



#8 n-Octadecane (C18)

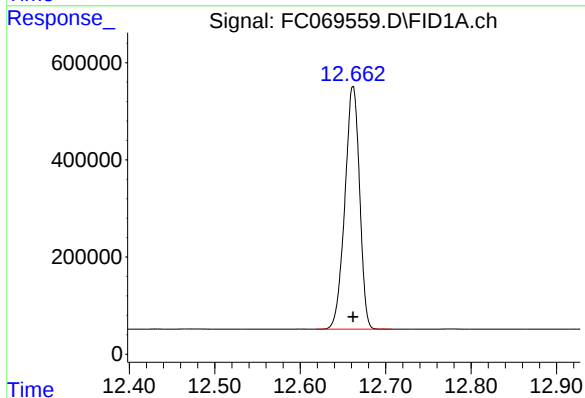
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 6407218
Conc: 47.05 ug/ml



#9 ortho-Terphenyl (SURR)

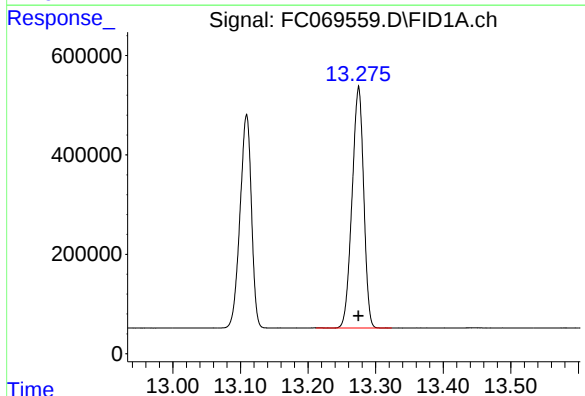
R.T.: 11.674 min
Delta R.T.: 0.000 min
Response: 6835847
Conc: 47.56 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



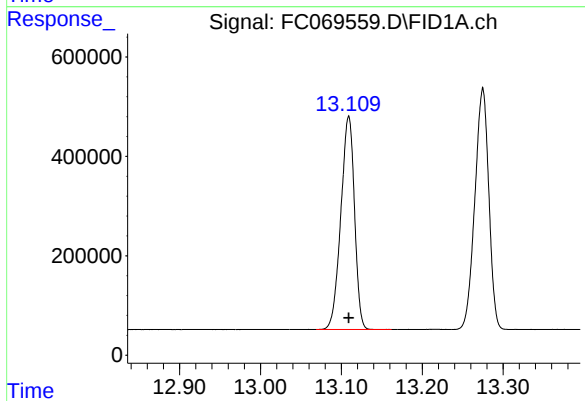
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: 0.000 min
Response: 5985413
Conc: 47.33 ug/ml



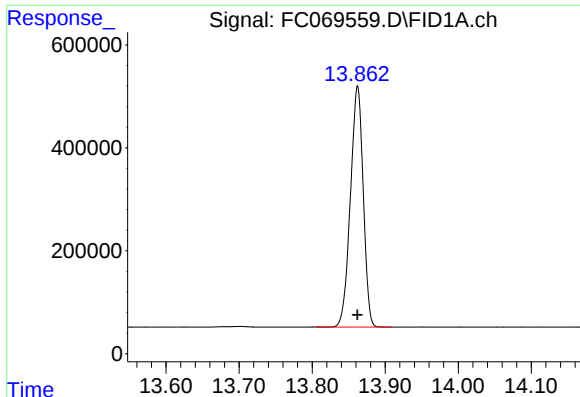
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: 0.000 min
Response: 5808893
Conc: 47.44 ug/ml



#12 1-chlorooctadecane (SURR)

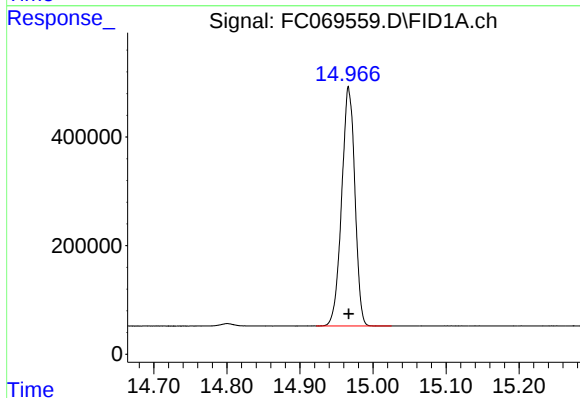
R.T.: 13.109 min
Delta R.T.: 0.000 min
Response: 5030704
Conc: 47.61 ug/ml



#13 n-Docosane (C22)

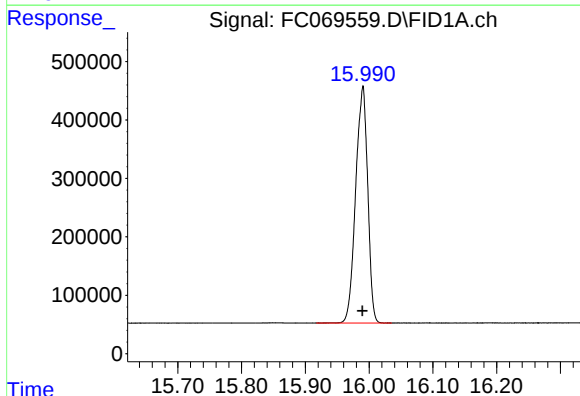
R.T.: 13.862 min
Delta R.T.: 0.000 min
Response: 5705652
Conc: 47.53 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



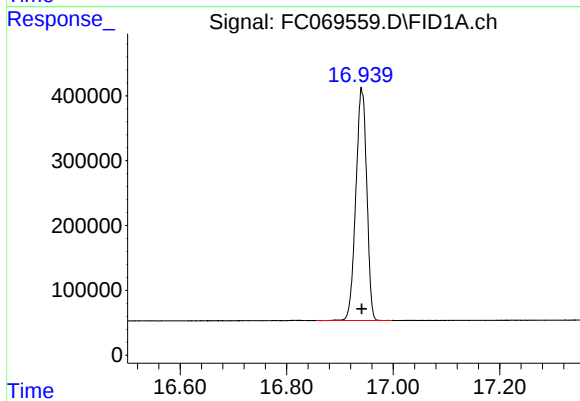
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: 0.000 min
Response: 5527058
Conc: 47.68 ug/ml



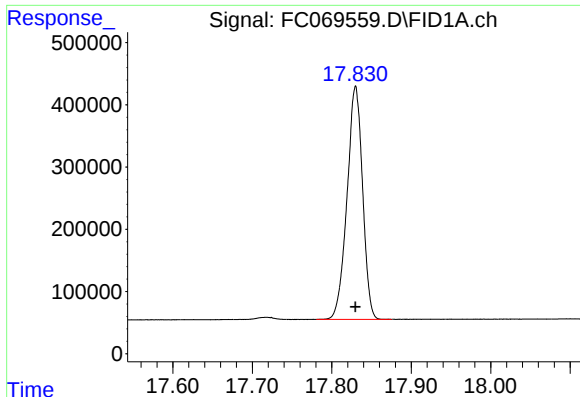
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: 0.000 min
Response: 5299336
Conc: 47.73 ug/ml



#16 n-Octacosane (C28)

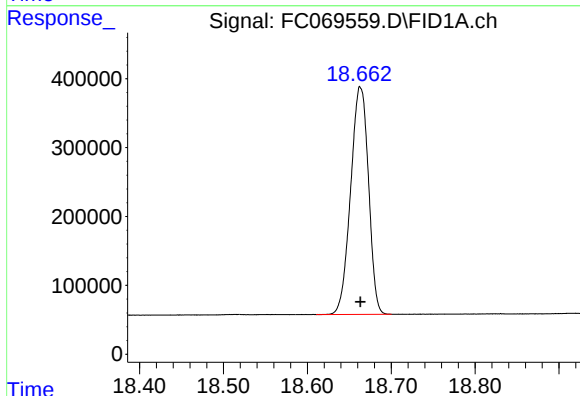
R.T.: 16.941 min
Delta R.T.: 0.000 min
Response: 5093903
Conc: 47.71 ug/ml



#17 n-Tricontane (C30)

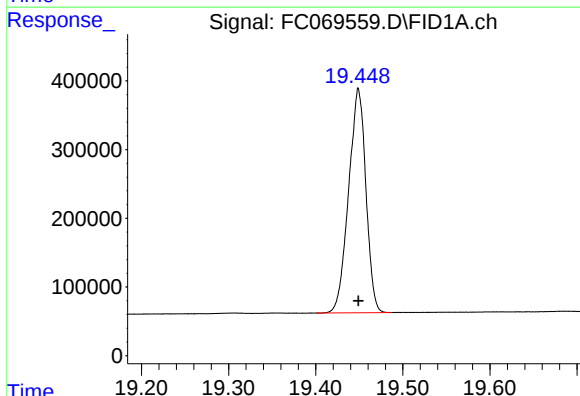
R.T.: 17.830 min
Delta R.T.: 0.000 min
Response: 5089600
Conc: 47.59 ug/ml

Instrument :
FID_C
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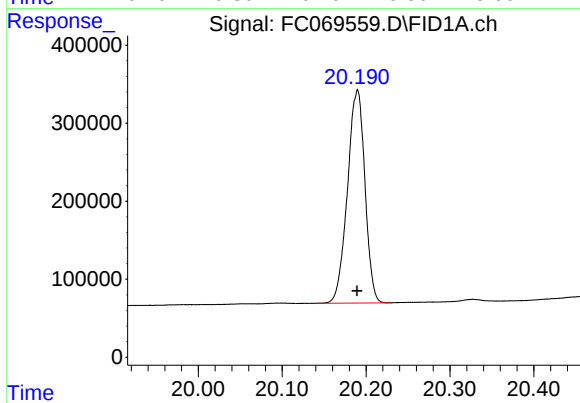
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: 0.000 min
Response: 4885889
Conc: 47.50 ug/ml



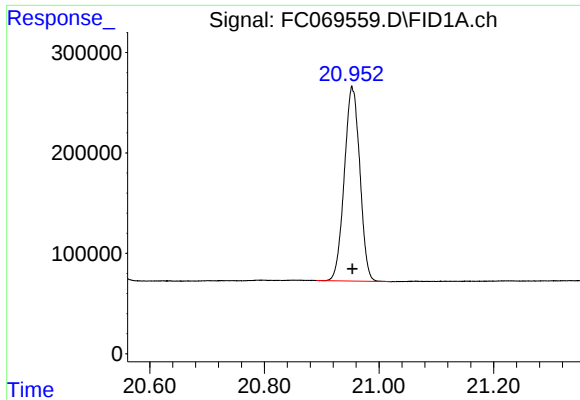
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: 0.000 min
Response: 4493512
Conc: 47.39 ug/ml



#20 n-Hexatriacontane (C36)

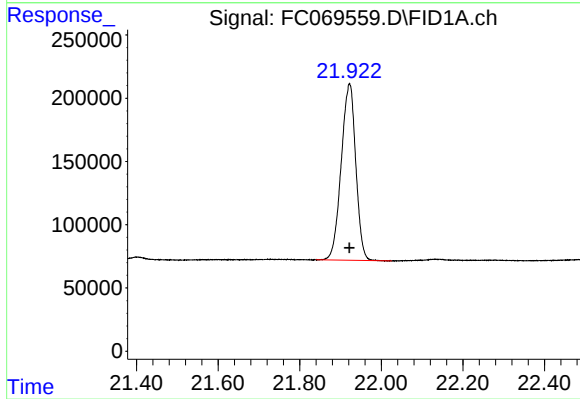
R.T.: 20.189 min
Delta R.T.: 0.000 min
Response: 3952844
Conc: 47.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.000 min
Response: 3637053
Conc: 47.39 ug/ml

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FID_C
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.922 min
Delta R.T.: 0.000 min
Response: 3462128
Conc: 47.63 ug/ml