

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069558.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 11:01
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 01 13:16:09 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)	11.682	14253274	96.812 ug/ml
Spiked Amount 50.000		Recovery =	193.62%
12) S 1-chlorooctadecane (S...	13.114	10515548	97.189 ug/ml
Spiked Amount 50.000		Recovery =	194.38%
Target Compounds			
1) T n-Nonane (C9)	3.407	13774723	96.965 ug/ml
2) T n-Decane (C10)	4.480	14093050	96.720 ug/ml
3) T A~Naphthalene (C11.7)	6.077	15000524	96.766 ug/ml
4) T n-Dodecane (C12)	6.506	14200875	96.793 ug/ml
5) T A~2-methylnaphthalene...	7.138	14366902	97.187 ug/ml
6) T n-Tetradecane (C14)	8.306	13912392	96.899 ug/ml
7) T n-Hexadecane (C16)	9.911	13931135	96.610 ug/ml
8) T n-Octadecane (C18)	11.358	13539702	96.568 ug/ml
10) T n-Eicosane (C20)	12.667	12534426	96.547 ug/ml
11) T n-Heneicosane (C21)	13.281	12140156	96.669 ug/ml
13) T n-Docosane (C22)	13.868	11884209	96.620 ug/ml
14) T n-Tetracosane (C24)	14.973	11473067	96.721 ug/ml
15) T n-Hexacosane (C26)	15.994	10972164	96.635 ug/ml
16) T n-Octacosane (C28)	16.945	10491091	96.074 ug/ml
17) T n-Tricontane (C30)	17.836	10399552	94.945 ug/ml
18) T n-Dotriacontane (C32)	18.669	9912896	94.027 ug/ml
19) T n-Tetratriacontane (C34)	19.454	9172293	94.283 ug/ml
20) T n-Hexatriacontane (C36)	20.195	8138973	94.805 ug/ml
21) T n-Octatriacontane (C38)	20.962	7522009	95.506 ug/ml
22) T n-Tetracontane (C40)	21.931	7136968	95.899 ug/ml

(f)=RT Delta > 1/2 Window

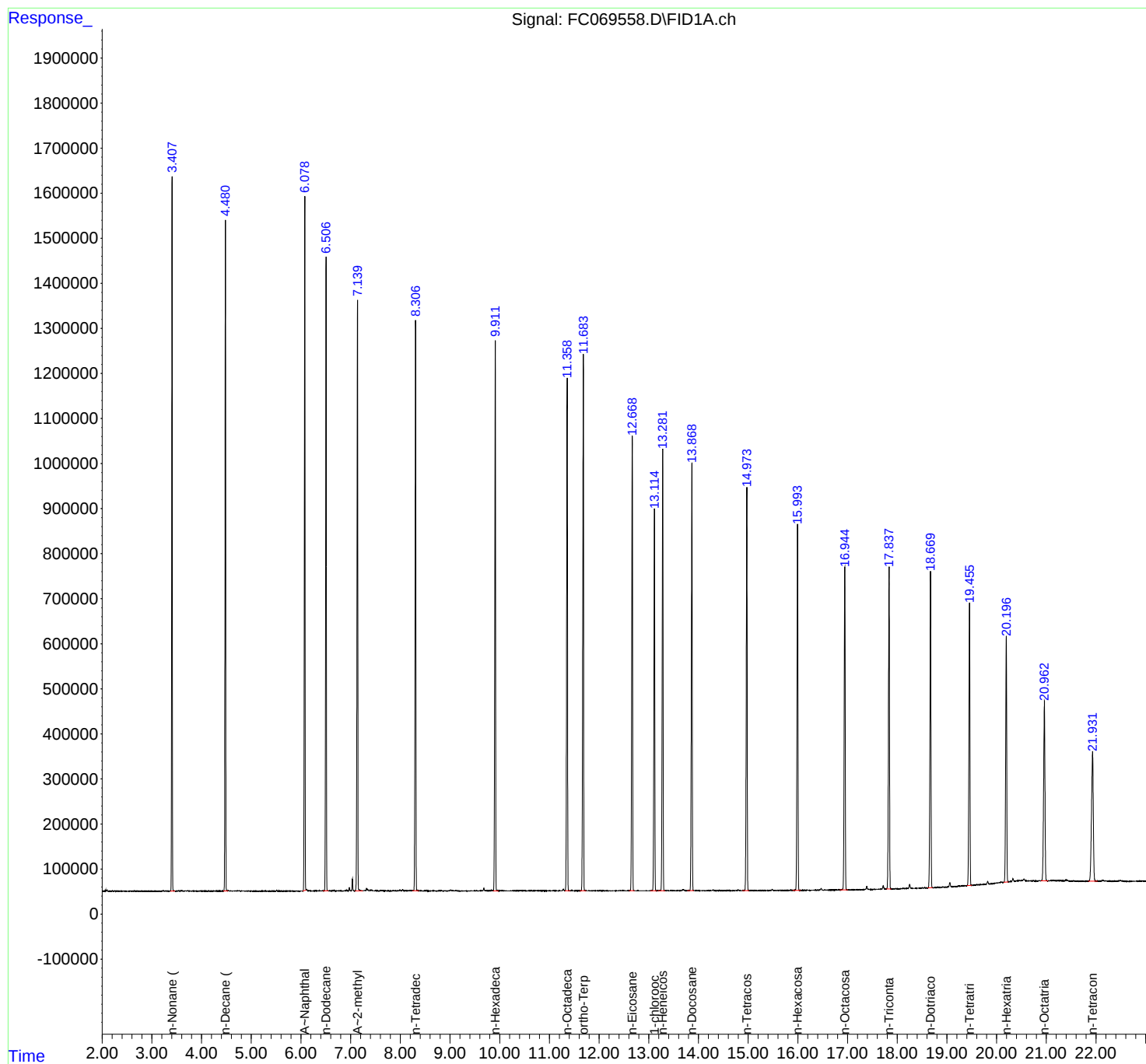
(m)=manual int.

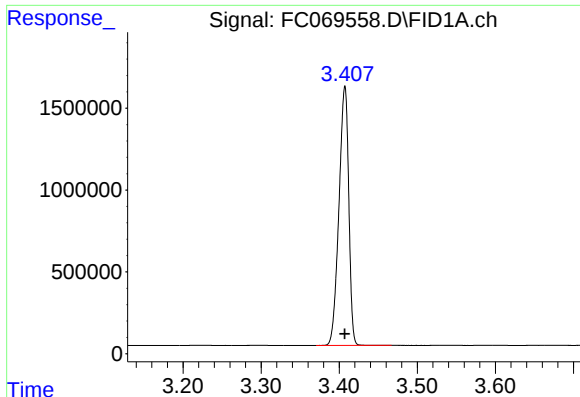
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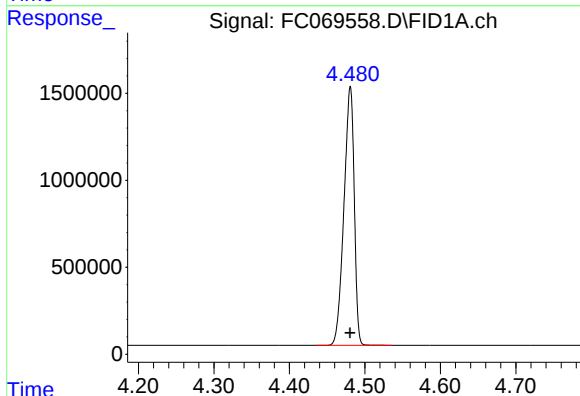




#1 n-Nonane (C9)

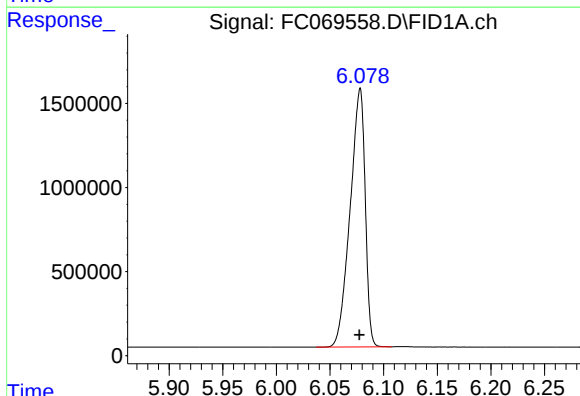
R.T.: 3.407 min
Delta R.T.: 0.000 min
Response: 13774723
Conc: 96.97 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



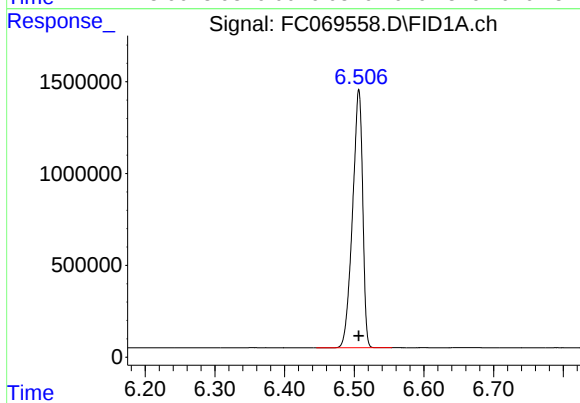
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 14093050
Conc: 96.72 ug/ml



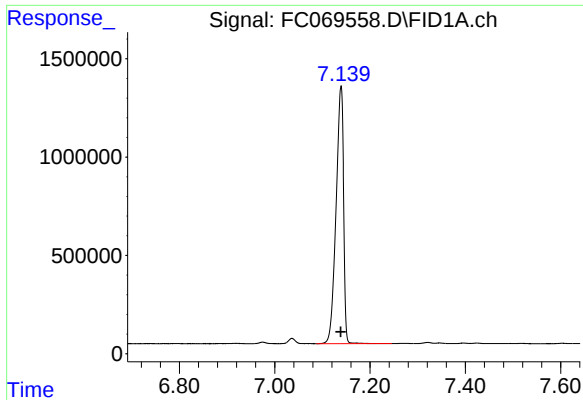
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 15000524
Conc: 96.77 ug/ml



#4 n-Dodecane (C12)

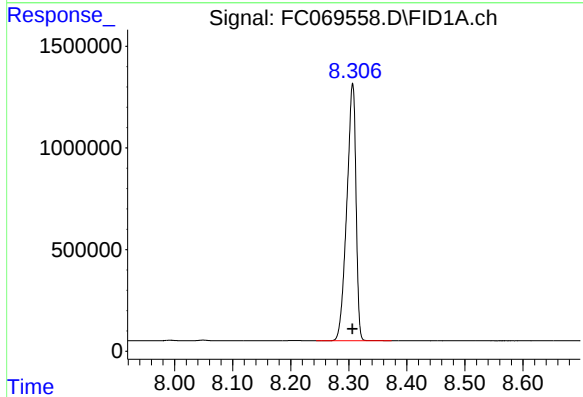
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 14200875
Conc: 96.79 ug/ml



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

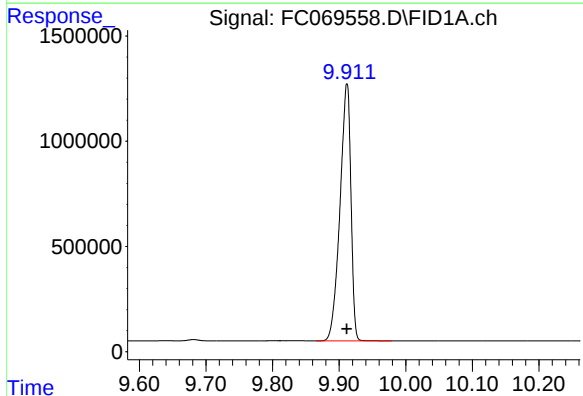
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 14366902
Conc: 97.19 ug/ml

Instrument :
FID_C
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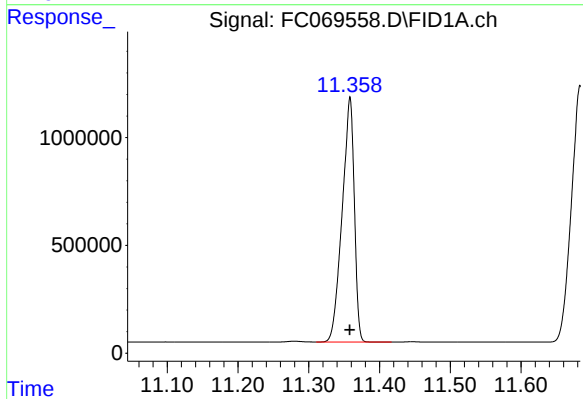
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 13912392
Conc: 96.90 ug/ml



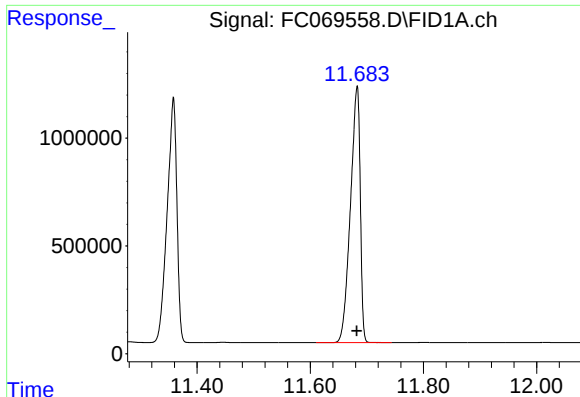
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 13931135
Conc: 96.61 ug/ml



#8 n-Octadecane (C18)

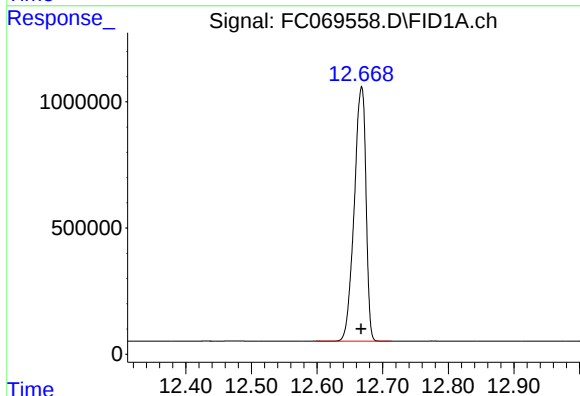
R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 13539702
Conc: 96.57 ug/ml



#9 ortho-Terphenyl (SURR)

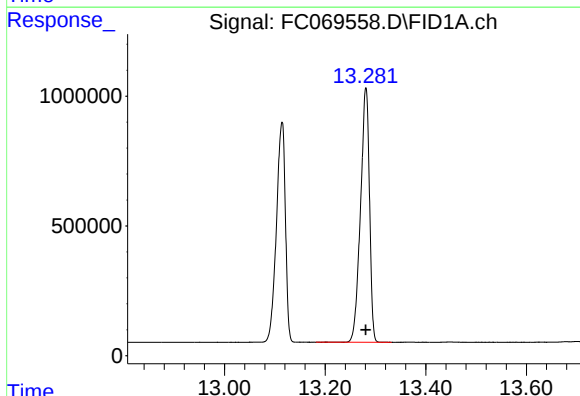
R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 14253274
Conc: 96.81 ug/ml

Instrument :
FID_C
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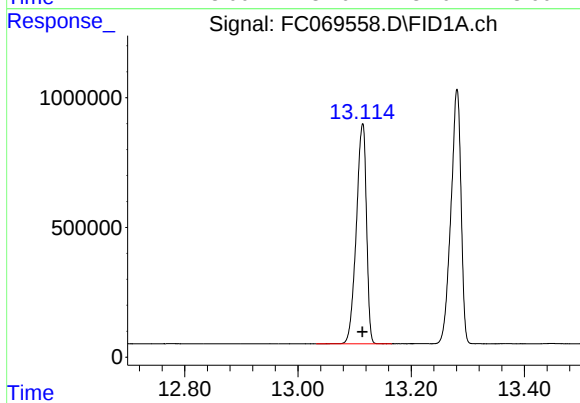
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: 0.000 min
Response: 12534426
Conc: 96.55 ug/ml



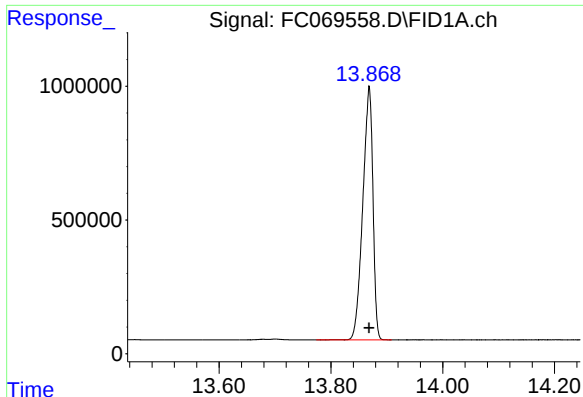
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: 0.000 min
Response: 12140156
Conc: 96.67 ug/ml



#12 1-chlorooctadecane (SURR)

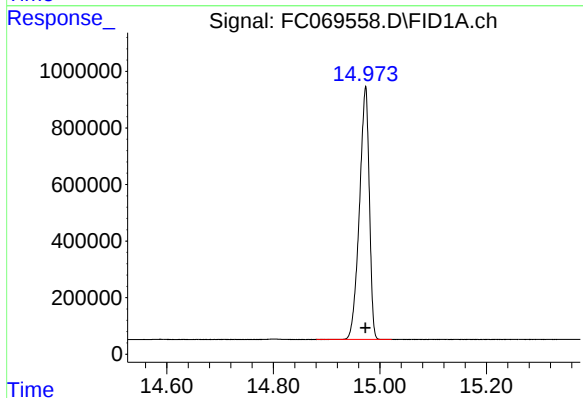
R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 10515548
Conc: 97.19 ug/ml



#13 n-Docosane (C22)

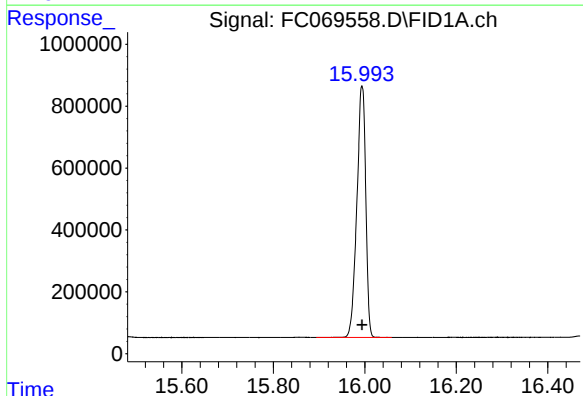
R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 11884209
Conc: 96.62 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



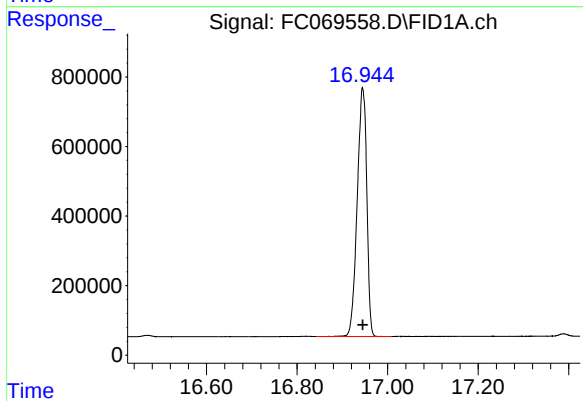
#14 n-Tetracosane (C24)

R.T.: 14.973 min
Delta R.T.: 0.000 min
Response: 11473067
Conc: 96.72 ug/ml



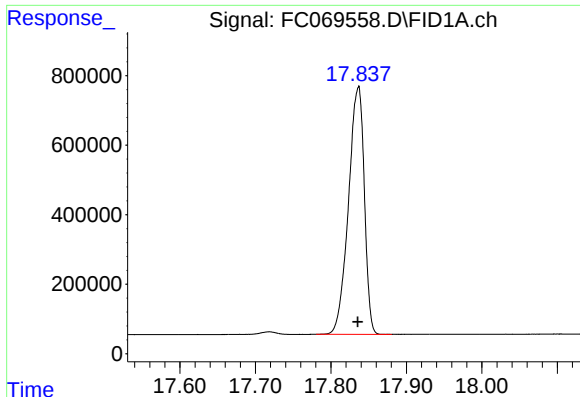
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: 0.000 min
Response: 10972164
Conc: 96.63 ug/ml



#16 n-Octacosane (C28)

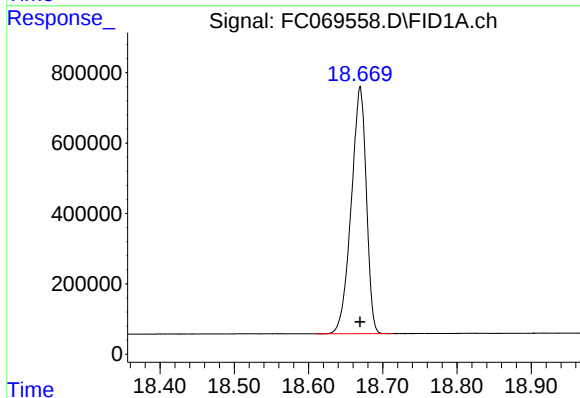
R.T.: 16.945 min
Delta R.T.: 0.000 min
Response: 10491091
Conc: 96.07 ug/ml



#17 n-Tricontane (C30)

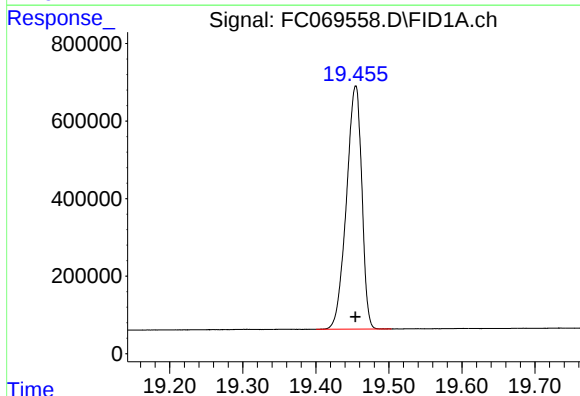
R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 10399552
Conc: 94.94 ug/ml

Instrument :
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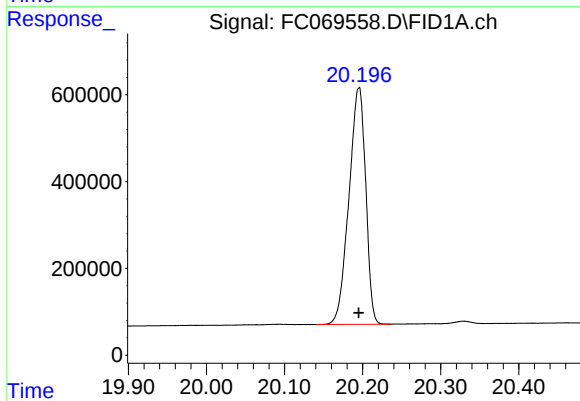
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: 0.000 min
Response: 9912896
Conc: 94.03 ug/ml



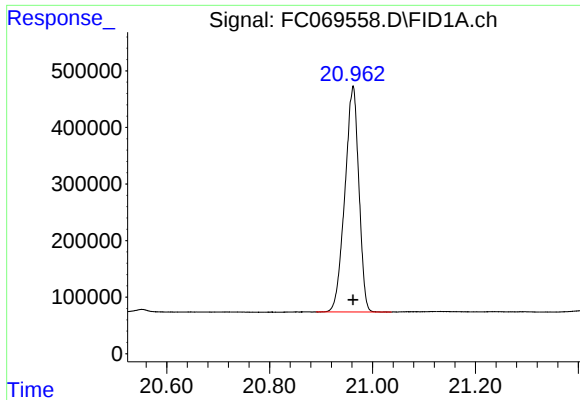
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.000 min
Response: 9172293
Conc: 94.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.195 min
Delta R.T.: 0.000 min
Response: 8138973
Conc: 94.80 ug/ml



#21 n-Octatriacontane (C38)

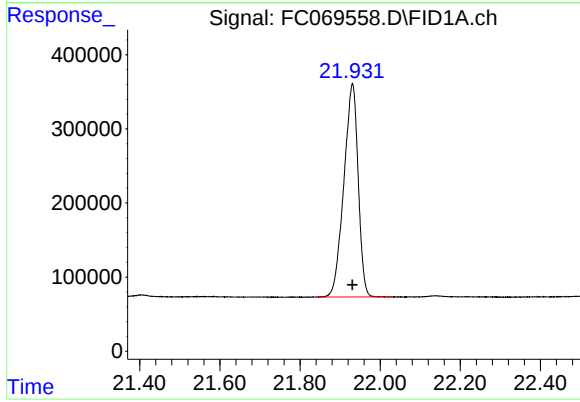
R.T.: 20.962 min
Delta R.T.: 0.000 min
Response: 7522009
Conc: 95.51 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.931 min
Delta R.T.: 0.000 min
Response: 7136968
Conc: 95.90 ug/ml