

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
 Data File : FC068998.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 14:12
 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: May 27 01:39:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:38:24 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)	11.716	11821192	92.940 ug/ml
Spiked Amount 50.000		Recovery =	185.88%
12) S 1-chlorooctadecane (S...	13.146	8625984	92.876 ug/ml
Spiked Amount 50.000		Recovery =	185.75%
Target Compounds			
1) T n-Nonane (C9)	3.445	10375761	94.687 ug/ml
2) T n-Decane (C10)	4.520	10344503	94.653 ug/ml
3) T A~Naphthalene (C11.7)	6.117	11247275	94.020 ug/ml
4) T n-Dodecane (C12)	6.544	10252722	94.269 ug/ml
5) T A~2-methylnaphthalene...	7.176	11013065	93.634 ug/ml
6) T n-Tetradecane (C14)	8.342	9945148	93.548 ug/ml
7) T n-Hexadecane (C16)	9.945	9784947	92.877 ug/ml
8) T n-Octadecane (C18)	11.391	9583167	92.260 ug/ml
10) T n-Eicosane (C20)	12.700	9270018	91.772 ug/ml
11) T n-Heneicosane (C21)	13.312	9135859	91.657 ug/ml
13) T n-Docosane (C22)	13.899	9015652	91.358 ug/ml
14) T n-Tetracosane (C24)	15.003	8863510	90.984 ug/ml
15) T n-Hexacosane (C26)	16.025	8719578	90.867 ug/ml
16) T n-Octacosane (C28)	16.974	8605084	90.208 ug/ml
17) T n-Tricontane (C30)	17.865	8737224	88.800 ug/ml
18) T n-Dotriacontane (C32)	18.698	8810424	88.025 ug/ml
19) T n-Tetratriacontane (C34)	19.483	8674302	88.841 ug/ml
20) T n-Hexatriacontane (C36)	20.225	8737632	90.191 ug/ml
21) T n-Octatriacontane (C38)	20.997	8533328	91.107 ug/ml
22) T n-Tetracontane (C40)	21.977	8355790	91.845 ug/ml

(f)=RT Delta > 1/2 Window

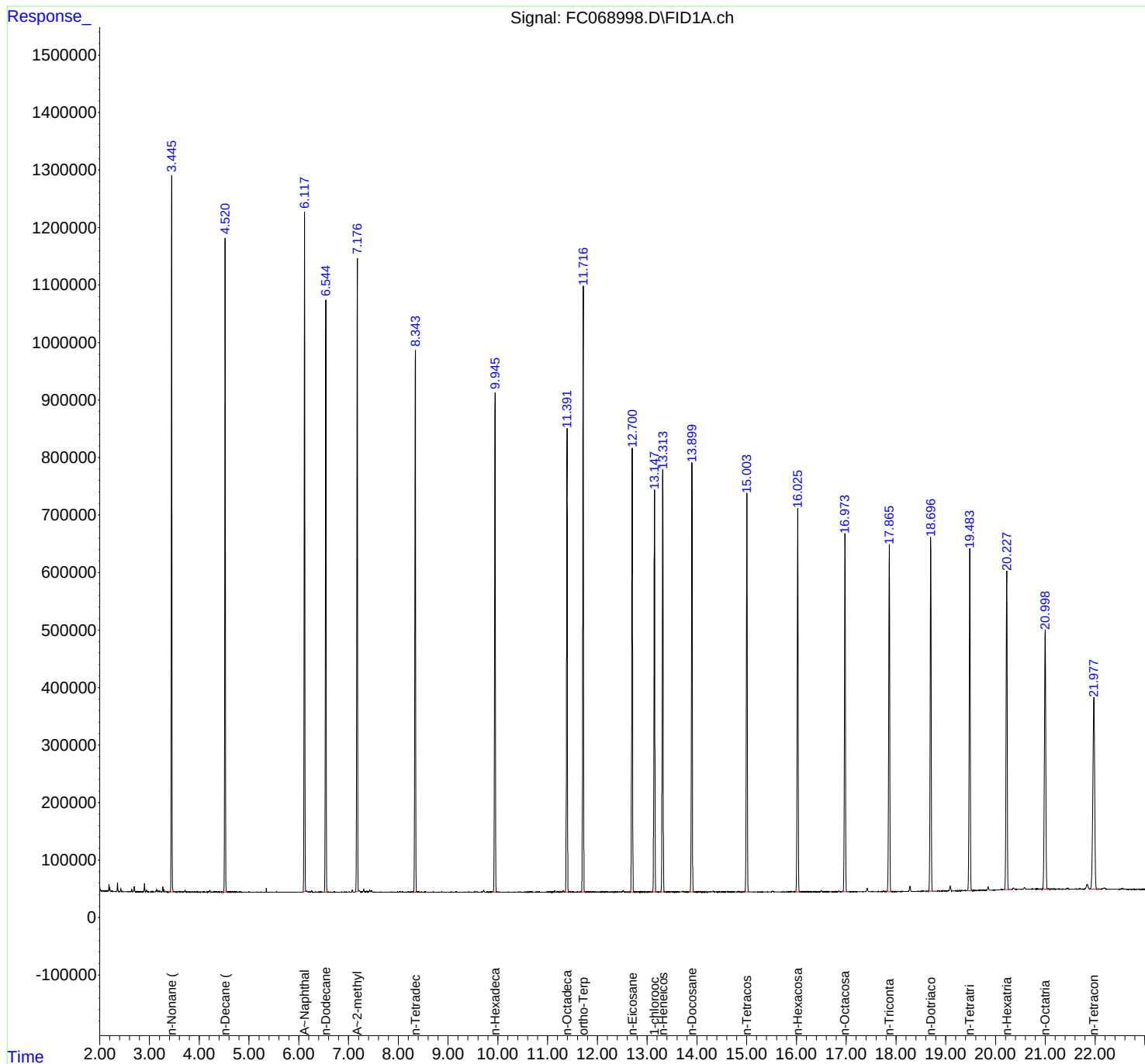
(m)=manual int.

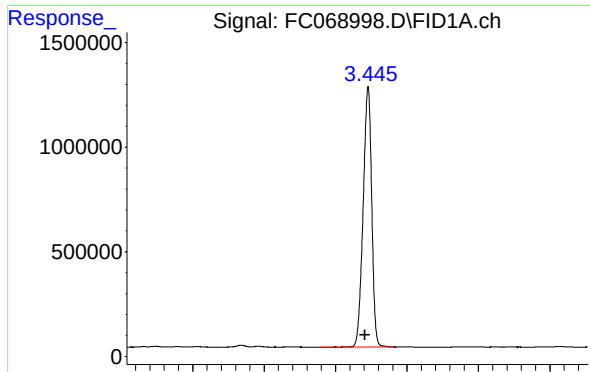
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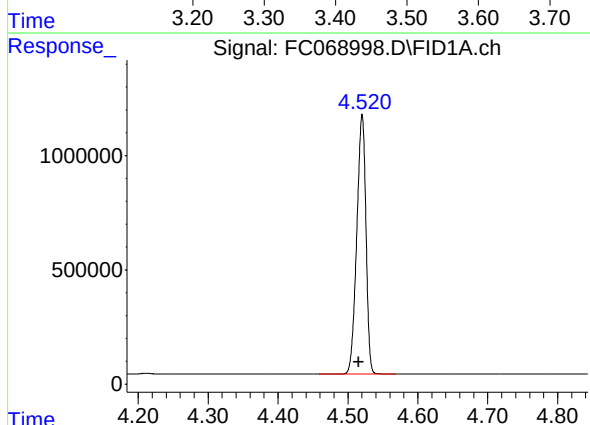




#1 n-Nonane (C9)

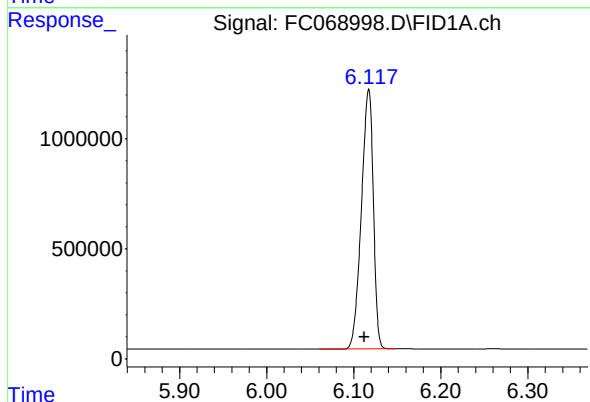
R.T.: 3.445 min
Delta R.T.: 0.004 min
Response: 10375761
Conc: 94.69 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



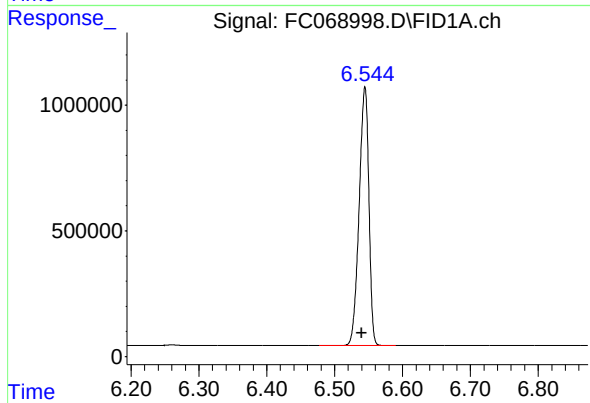
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 10344503
Conc: 94.65 ug/ml



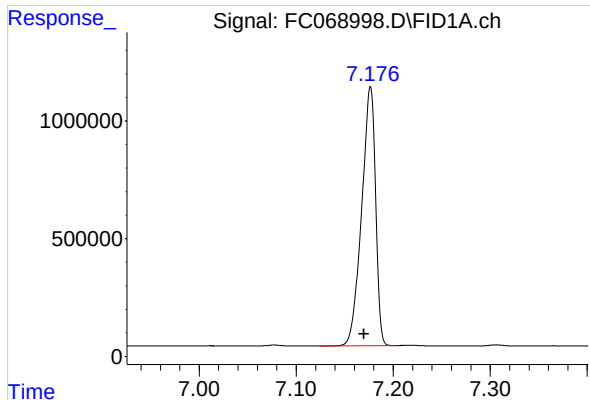
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: 0.005 min
Response: 11247275
Conc: 94.02 ug/ml



#4 n-Dodecane (C12)

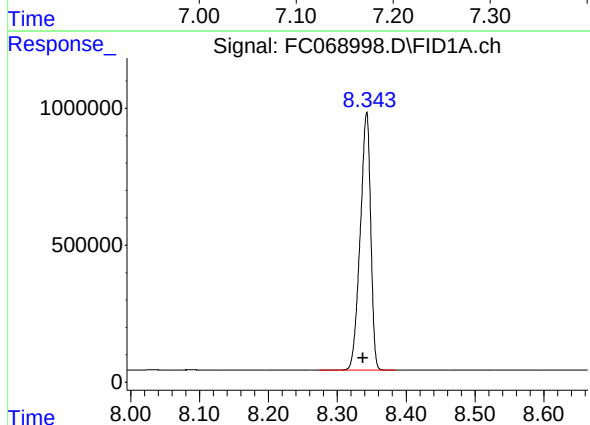
R.T.: 6.544 min
Delta R.T.: 0.005 min
Response: 10252722
Conc: 94.27 ug/ml



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

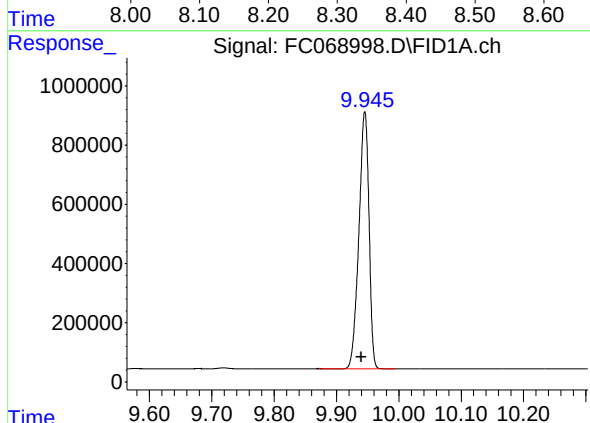
R.T.: 7.176 min
Delta R.T.: 0.006 min
Response: 11013065
Conc: 93.63 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



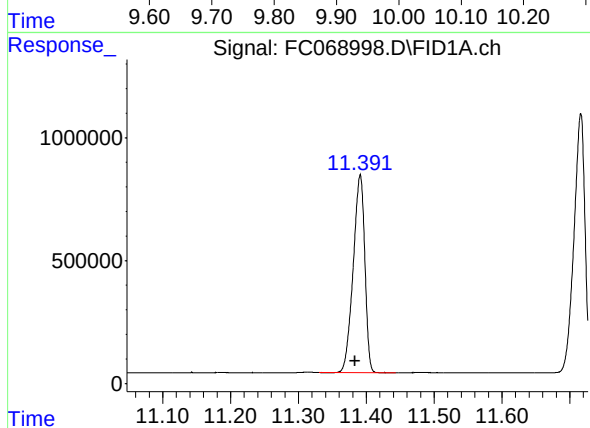
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: 0.005 min
Response: 9945148
Conc: 93.55 ug/ml



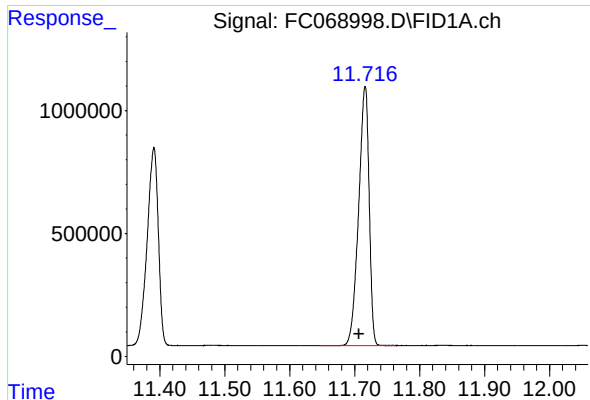
#7 n-Hexadecane (C16)

R.T.: 9.945 min
Delta R.T.: 0.005 min
Response: 9784947
Conc: 92.88 ug/ml



#8 n-Octadecane (C18)

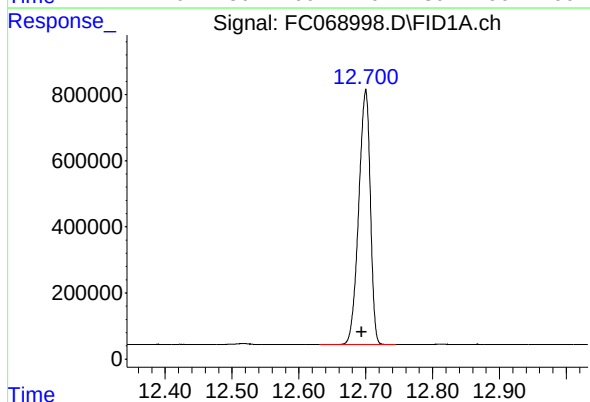
R.T.: 11.391 min
Delta R.T.: 0.008 min
Response: 9583167
Conc: 92.26 ug/ml



#9 ortho-Terphenyl (SURR)

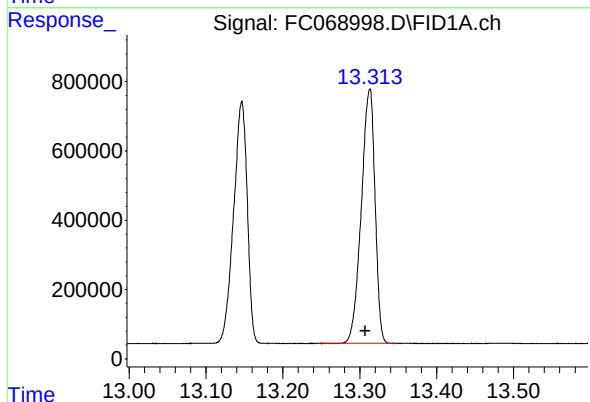
R.T.: 11.716 min
Delta R.T.: 0.009 min
Response: 11821192
Conc: 92.94 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



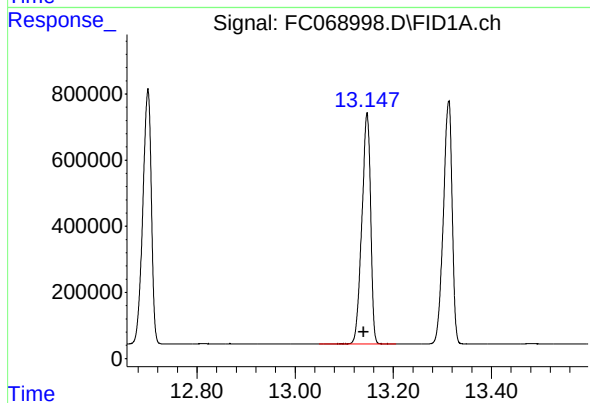
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: 0.006 min
Response: 9270018
Conc: 91.77 ug/ml



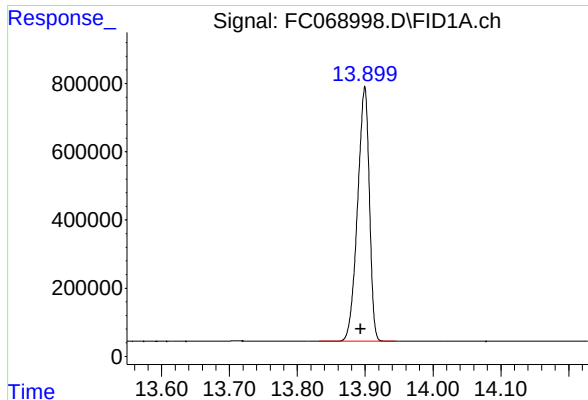
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: 0.005 min
Response: 9135859
Conc: 91.66 ug/ml



#12 1-chlorooctadecane (SURR)

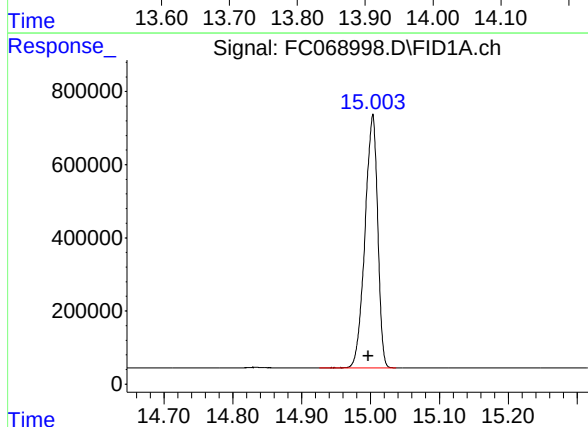
R.T.: 13.146 min
Delta R.T.: 0.007 min
Response: 8625984
Conc: 92.88 ug/ml



#13 n-Docosane (C22)

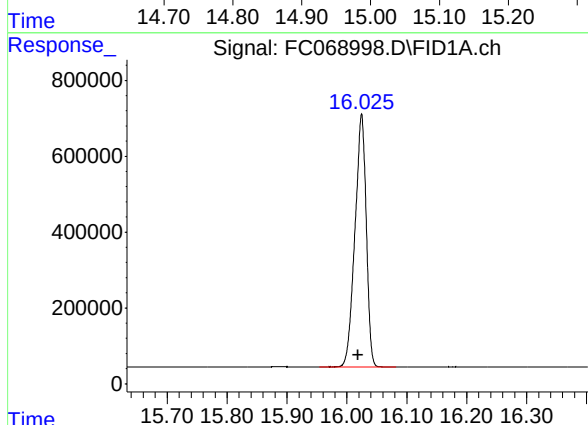
R.T.: 13.899 min
Delta R.T.: 0.006 min
Response: 9015652
Conc: 91.36 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



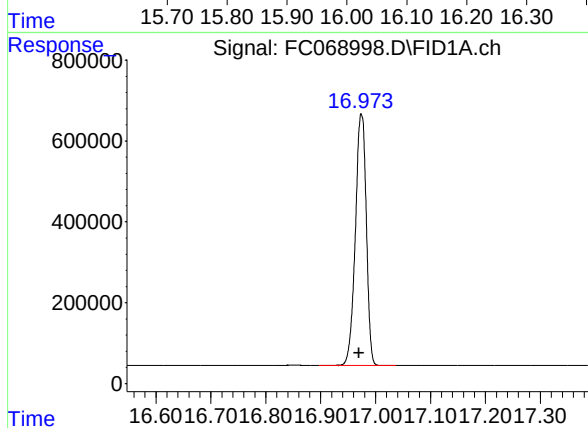
#14 n-Tetracosane (C24)

R.T.: 15.003 min
Delta R.T.: 0.006 min
Response: 8863510
Conc: 90.98 ug/ml



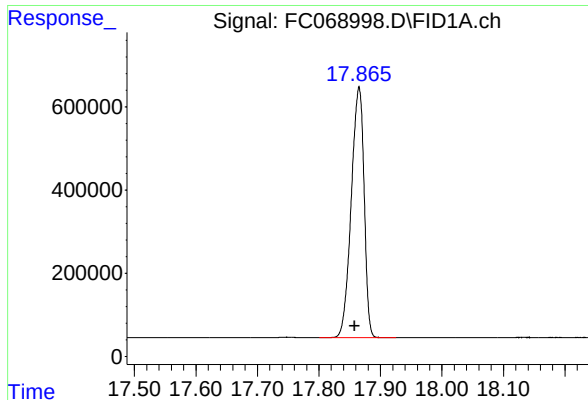
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.006 min
Response: 8719578
Conc: 90.87 ug/ml



#16 n-Octacosane (C28)

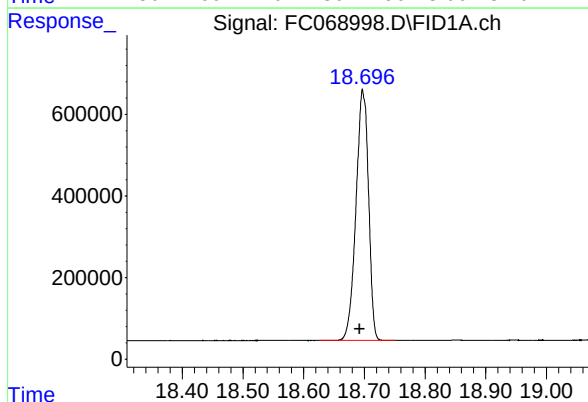
R.T.: 16.974 min
Delta R.T.: 0.004 min
Response: 8605084
Conc: 90.21 ug/ml



#17 n-Tricontane (C30)

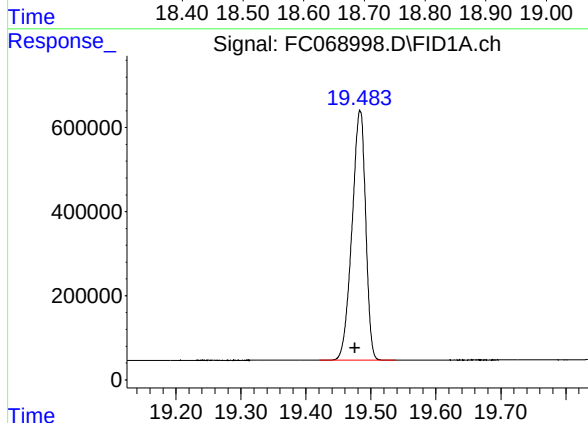
R.T.: 17.865 min
Delta R.T.: 0.007 min
Response: 8737224
Conc: 88.80 ug/ml

Instrument :
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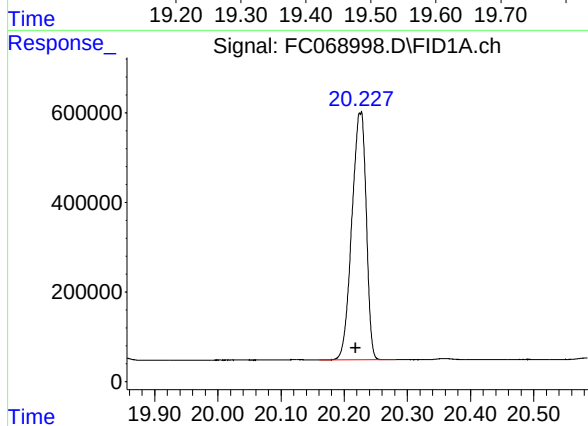
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: 0.006 min
Response: 8810424
Conc: 88.03 ug/ml



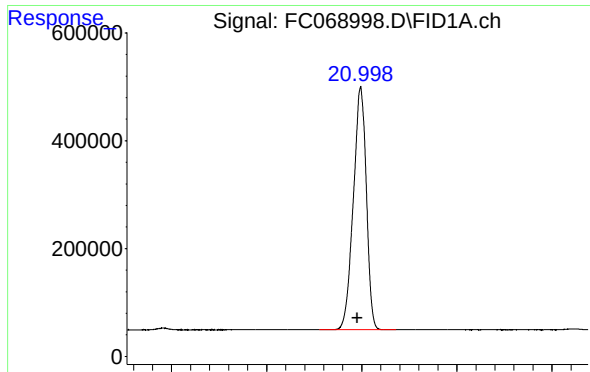
#19 n-Tetratriacontane (C34)

R.T.: 19.483 min
Delta R.T.: 0.007 min
Response: 8674302
Conc: 88.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.225 min
Delta R.T.: 0.008 min
Response: 8737632
Conc: 90.19 ug/ml



#21 n-Octatriacontane (C38)

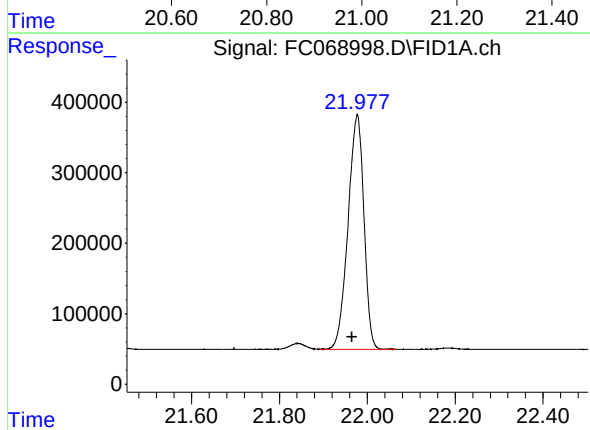
R.T.: 20.997 min
Delta R.T.: 0.006 min
Response: 8533328
Conc: 91.11 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: 0.012 min
Response: 8355790
Conc: 91.84 ug/ml