

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068379.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 09:36
 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: Mar 06 11:27:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 11:25:24 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)	11.402	14584967	94.559 ug/ml
Spiked Amount 50.000		Recovery =	189.12%
12) S 1-chlorooctadecane (S...	12.842	10728556	95.120 ug/ml
Spiked Amount 50.000		Recovery =	190.24%
Target Compounds			
1) T n-Nonane (C9)	3.204	13239636	94.184 ug/ml
2) T n-Decane (C10)	4.262	13392626	94.235 ug/ml
3) T A~Naphthalene (C11.7)	5.830	14751444	95.457 ug/ml
4) T n-Dodecane (C12)	6.272	13322377	94.259 ug/ml
5) T A~2-methylnaphthalene...	6.883	14034186	95.912 ug/ml
6) T n-Tetradecane (C14)	8.060	12937512	94.603 ug/ml
7) T n-Hexadecane (C16)	9.657	13064021	94.748 ug/ml
8) T n-Octadecane (C18)	11.096	12988915	94.576 ug/ml
10) T n-Eicosane (C20)	12.402	12354654	94.353 ug/ml
11) T n-Heneicosane (C21)	13.012	12118745	94.335 ug/ml
13) T n-Docosane (C22)	13.597	12005973	94.391 ug/ml
14) T n-Tetracosane (C24)	14.698	11896995	93.796 ug/ml
15) T n-Hexacosane (C26)	15.717	11665189	93.583 ug/ml
16) T n-Octacosane (C28)	16.665	11335206	92.510 ug/ml
17) T n-Tricontane (C30)	17.553	11523544	90.549 ug/ml
18) T n-Dotriacontane (C32)	18.383	11127915	89.537 ug/ml
19) T n-Tetratriacontane (C34)	19.166	10388704	90.081 ug/ml
20) T n-Hexatriacontane (C36)	19.904	9262420	91.045 ug/ml
21) T n-Octatriacontane (C38)	20.615	8581035	92.239 ug/ml
22) T n-Tetracontane (C40)	21.469	8080212	93.109 ug/ml

(f)=RT Delta > 1/2 Window

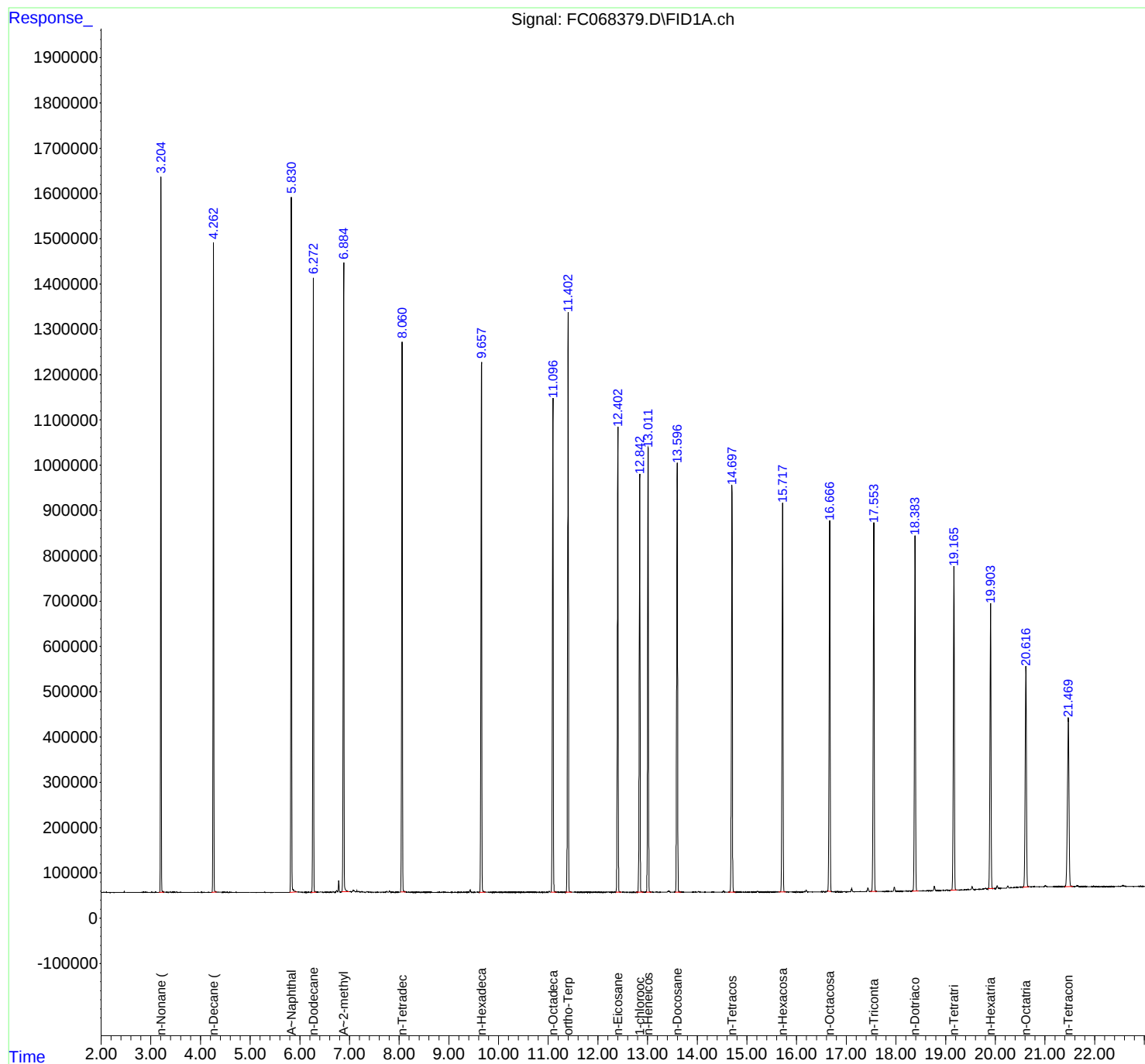
(m)=manual int.

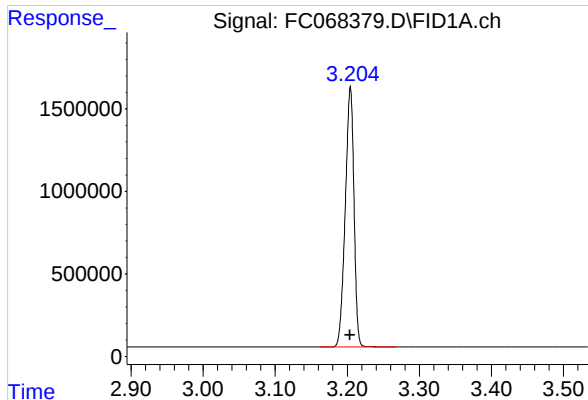
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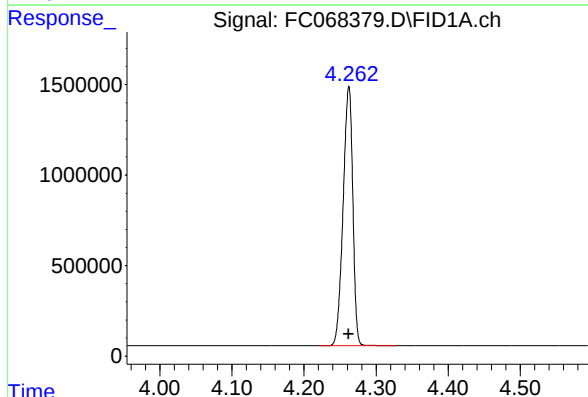




#1 n-Nonane (C9)

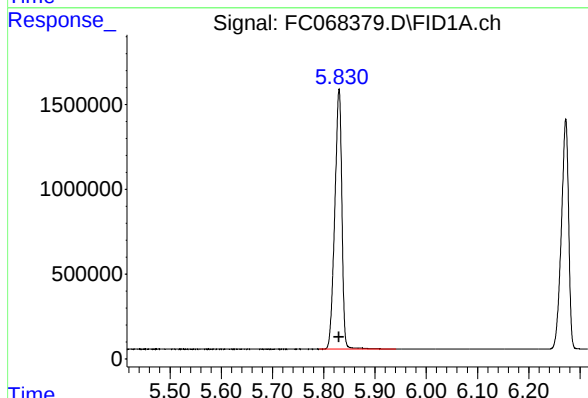
R.T.: 3.204 min
Delta R.T.: 0.000 min
Response: 13239636
Conc: 94.18 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



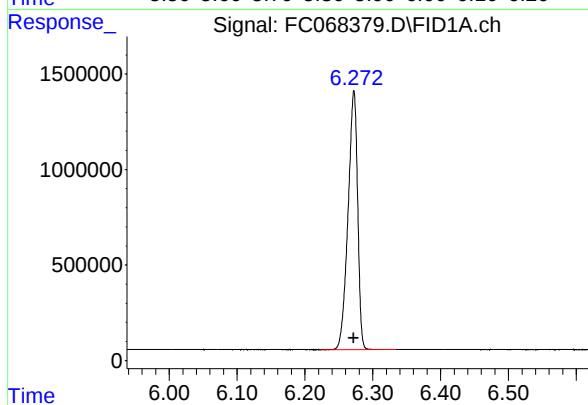
#2 n-Decane (C10)

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 13392626
Conc: 94.24 ug/ml



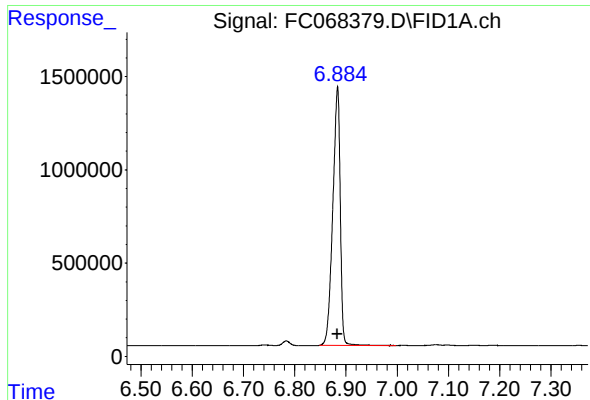
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 14751444
Conc: 95.46 ug/ml



#4 n-Dodecane (C12)

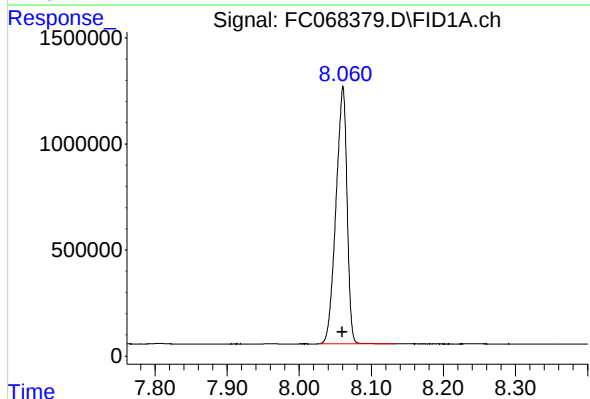
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 13322377
Conc: 94.26 ug/ml



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

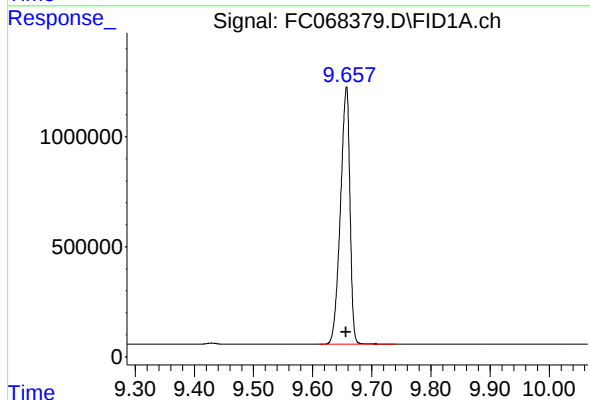
R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 14034186
Conc: 95.91 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



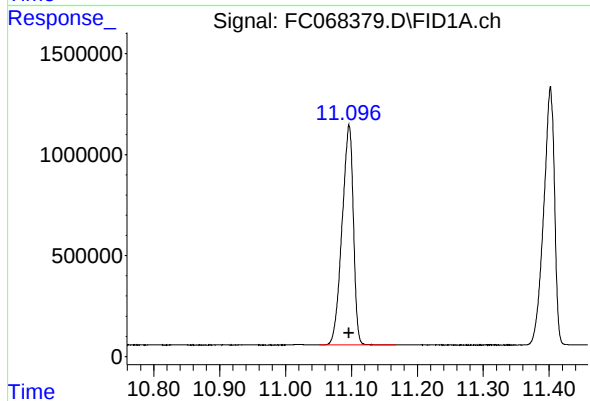
#6 n-Tetradecane (C14)

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 12937512
Conc: 94.60 ug/ml



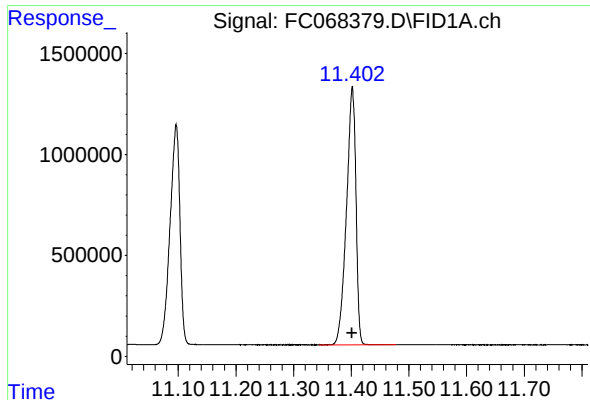
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 13064021
Conc: 94.75 ug/ml



#8 n-Octadecane (C18)

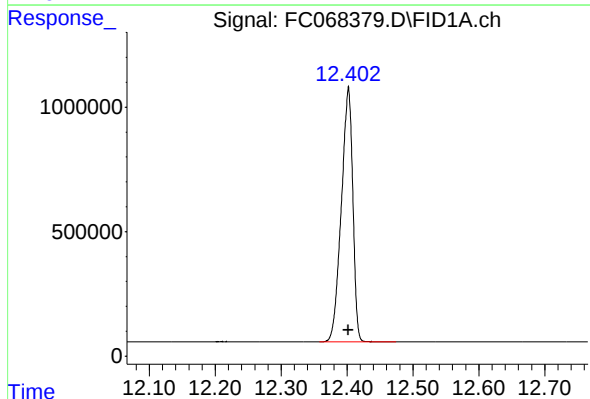
R.T.: 11.096 min
Delta R.T.: 0.000 min
Response: 12988915
Conc: 94.58 ug/ml



#9 ortho-Terphenyl (SURR)

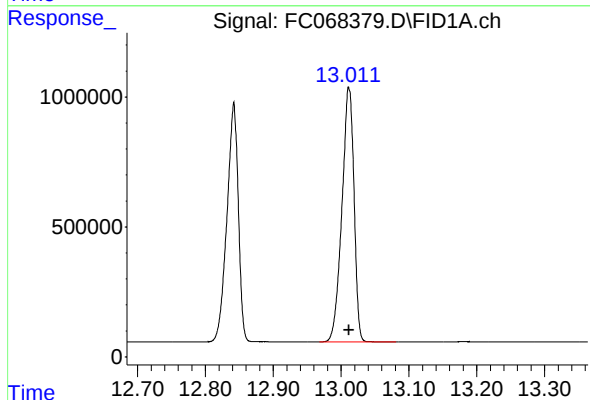
R.T.: 11.402 min
Delta R.T.: 0.000 min
Response: 14584967
Conc: 94.56 ug/ml

Instrument :
FID_C
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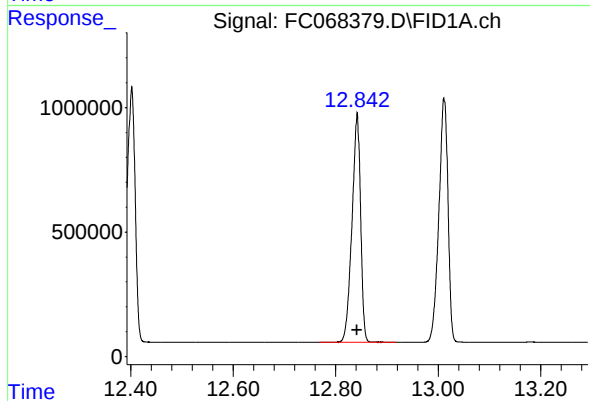
#10 n-Eicosane (C20)

R.T.: 12.402 min
Delta R.T.: 0.000 min
Response: 12354654
Conc: 94.35 ug/ml



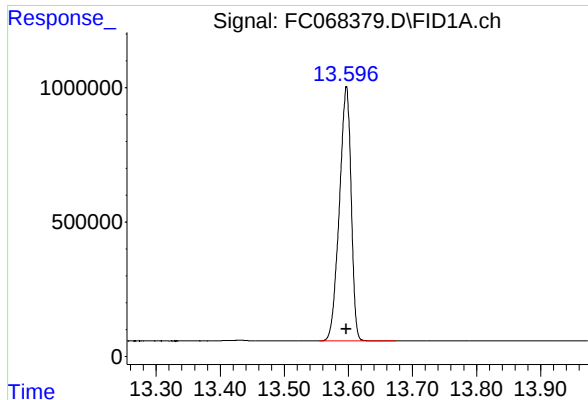
#11 n-Heneicosane (C21)

R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 12118745
Conc: 94.33 ug/ml



#12 1-chlorooctadecane (SURR)

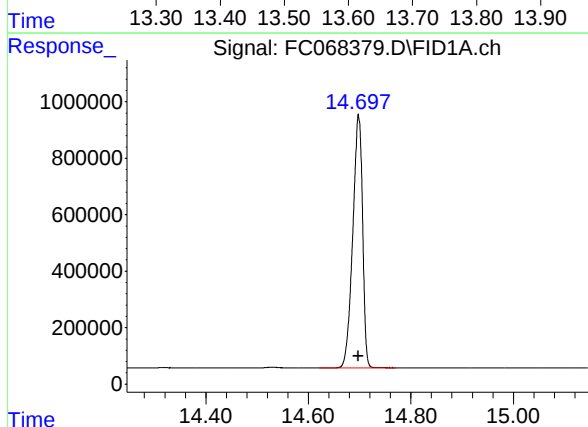
R.T.: 12.842 min
Delta R.T.: 0.000 min
Response: 10728556
Conc: 95.12 ug/ml



#13 n-Docosane (C22)

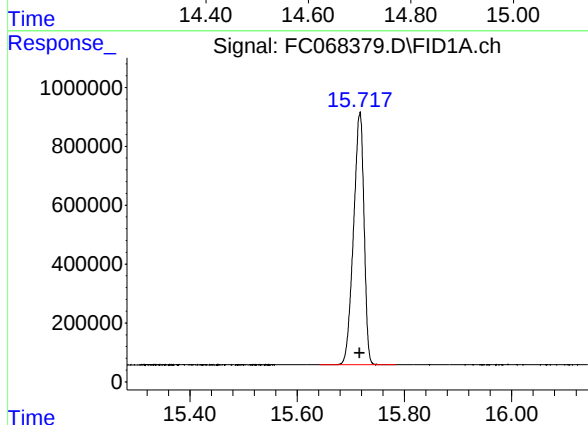
R.T.: 13.597 min
Delta R.T.: 0.000 min
Response: 12005973
Conc: 94.39 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



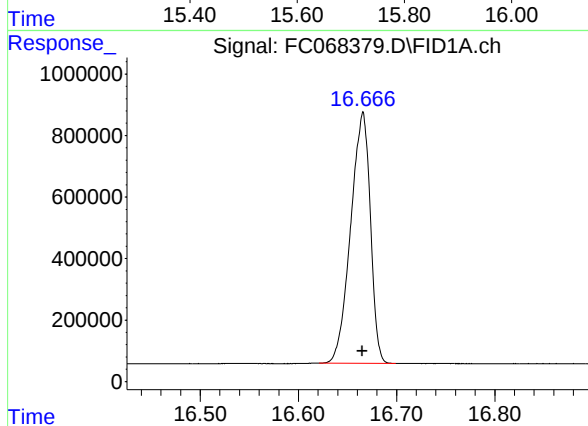
#14 n-Tetracosane (C24)

R.T.: 14.698 min
Delta R.T.: 0.000 min
Response: 11896995
Conc: 93.80 ug/ml



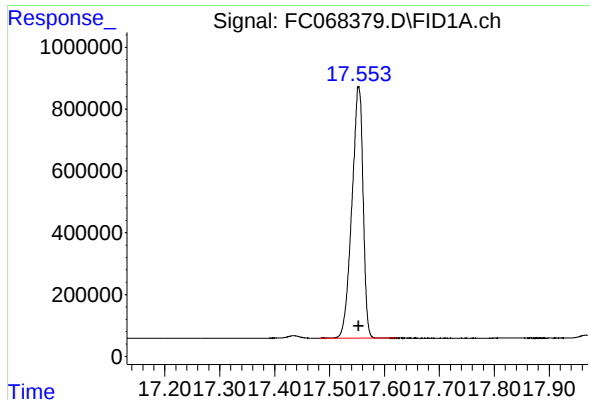
#15 n-Hexacosane (C26)

R.T.: 15.717 min
Delta R.T.: 0.000 min
Response: 11665189
Conc: 93.58 ug/ml



#16 n-Octacosane (C28)

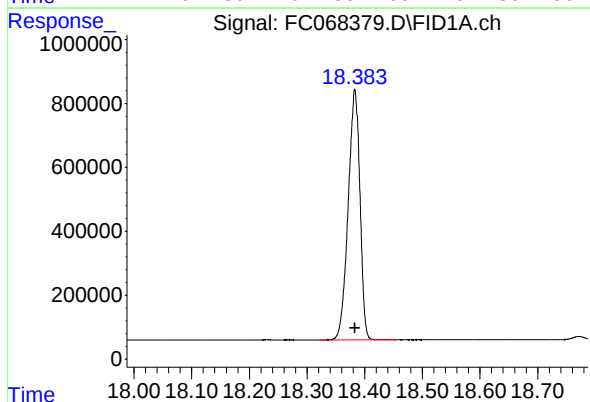
R.T.: 16.665 min
Delta R.T.: 0.000 min
Response: 11335206
Conc: 92.51 ug/ml



#17 n-Tricontane (C30)

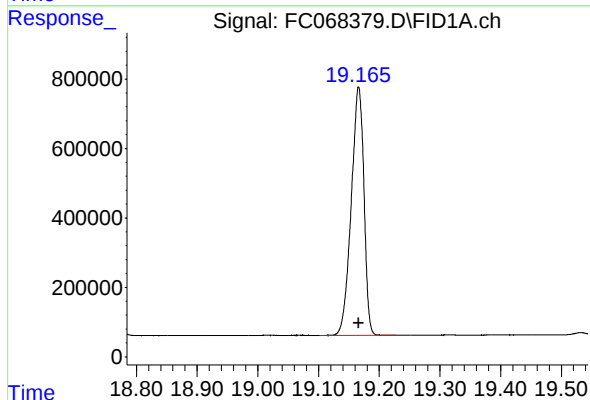
R.T.: 17.553 min
Delta R.T.: 0.000 min
Response: 11523544
Conc: 90.55 ug/ml

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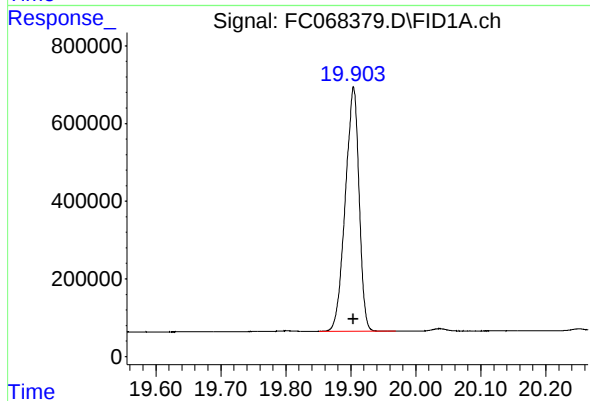
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: 0.000 min
Response: 11127915
Conc: 89.54 ug/ml



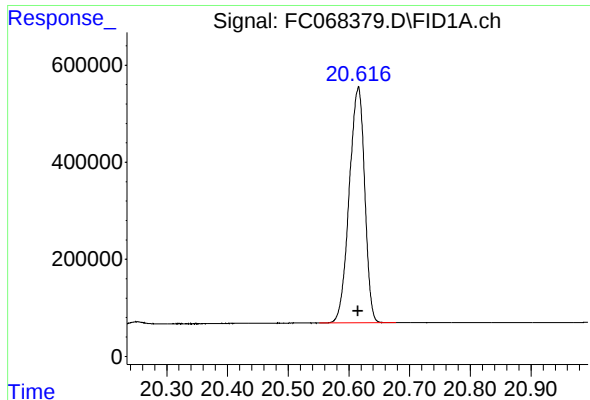
#19 n-Tetratriacontane (C34)

R.T.: 19.166 min
Delta R.T.: 0.000 min
Response: 10388704
Conc: 90.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.904 min
Delta R.T.: 0.000 min
Response: 9262420
Conc: 91.04 ug/ml



#21 n-Octatriacontane (C38)

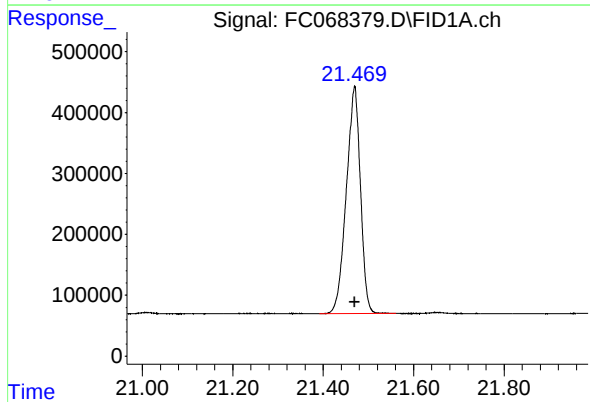
R.T.: 20.615 min
Delta R.T.: 0.000 min
Response: 8581035
Conc: 92.24 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.469 min
Delta R.T.: 0.000 min
Response: 8080212
Conc: 93.11 ug/ml