

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048131.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 08:56
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 02 14:02:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 13:59:26 2024
 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)	11.304	21106240	103.270 ug/ml
Spiked Amount 50.000		Recovery =	206.54%
12) S 1-chlorooctadecane (S...	12.744	16171117	103.413 ug/ml
Spiked Amount 50.000		Recovery =	206.83%
Target Compounds			
1) T n-Nonane (C9)	3.149	18990955	103.418 ug/ml
2) T n-Decane (C10)	4.199	19632901	103.614 ug/ml
3) T A~Naphthalene (C11.7)	5.751	21554974	104.419 ug/ml
4) T n-Dodecane (C12)	6.197	19696378	103.211 ug/ml
5) T A~2-methylnaphthalene...	6.800	20826825	104.851 ug/ml
6) T n-Tetradecane (C14)	7.980	19454139	103.065 ug/ml
7) T n-Hexadecane (C16)	9.571	20022877	103.204 ug/ml
8) T n-Octadecane (C18)	11.006	20154081	103.088 ug/ml
10) T n-Eicosane (C20)	12.306	19266041	102.873 ug/ml
11) T n-Heneicosane (C21)	12.915	18902389	103.011 ug/ml
13) T n-Docosane (C22)	13.498	18695916	102.413 ug/ml
14) T n-Tetracosane (C24)	14.596	18337506	101.237 ug/ml
15) T n-Hexacosane (C26)	15.610	17681382	100.672 ug/ml
16) T n-Octacosane (C28)	16.555	16964656	99.874 ug/ml
17) T n-Tricontane (C30)	17.437	16853749	99.187 ug/ml
18) T n-Dotriacontane (C32)	18.266	16222896	99.566 ug/ml
19) T n-Tetratriacontane (C34)	19.045	15579380	100.903 ug/ml
20) T n-Hexatriacontane (C36)	19.780	14864483	102.111 ug/ml
21) T n-Octatriacontane (C38)	20.478	14588328	102.960 ug/ml
22) T n-Tetracontane (C40)	21.271	14171365	103.367 ug/ml

(f)=RT Delta > 1/2 Window

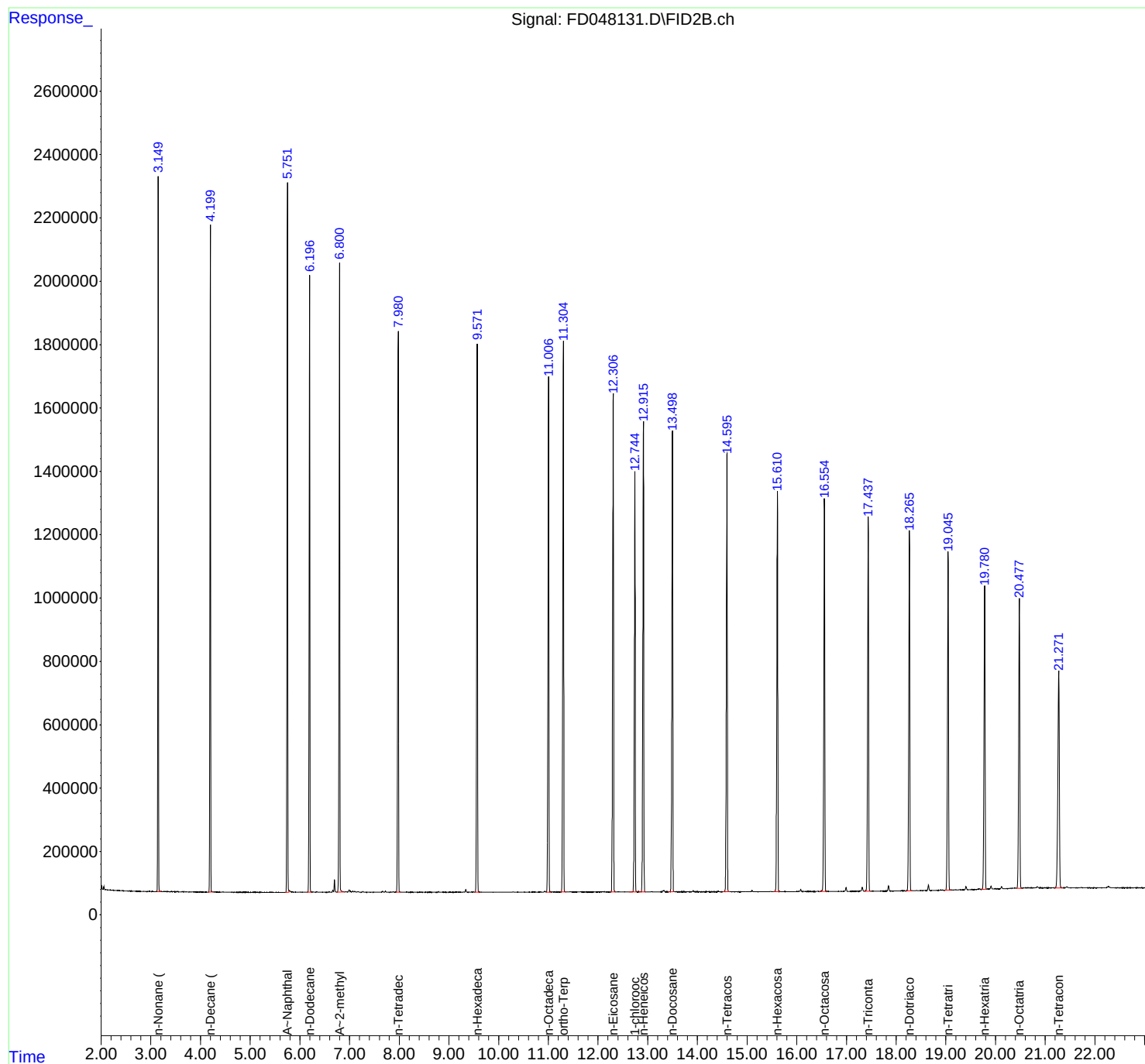
(m)=manual int.

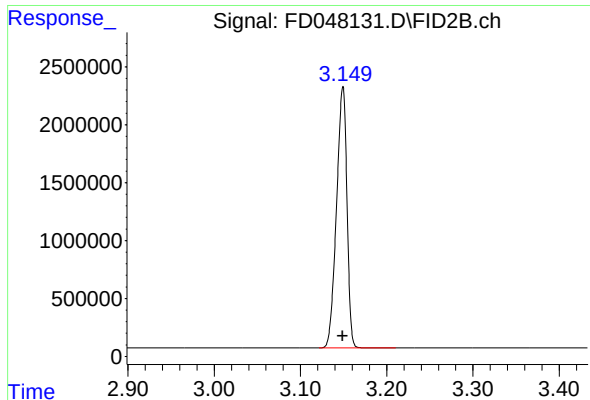
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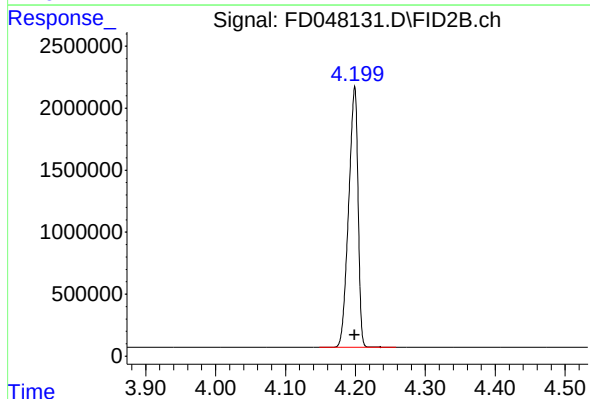




#1 n-Nonane (C9)

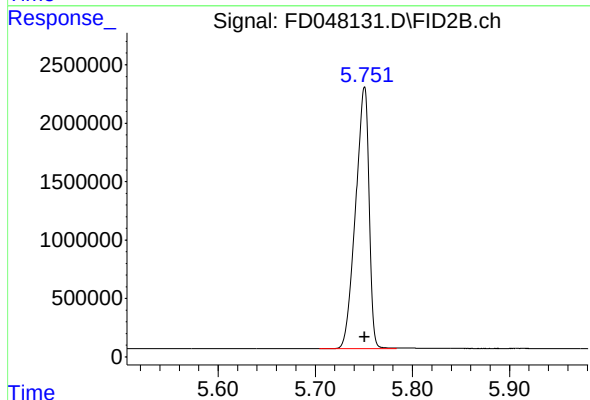
R.T.: 3.149 min
Delta R.T.: 0.000 min
Response: 18990955
Conc: 103.42 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



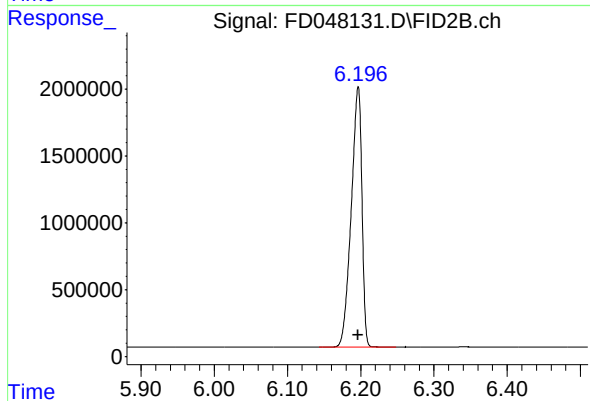
#2 n-Decane (C10)

R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 19632901
Conc: 103.61 ug/ml



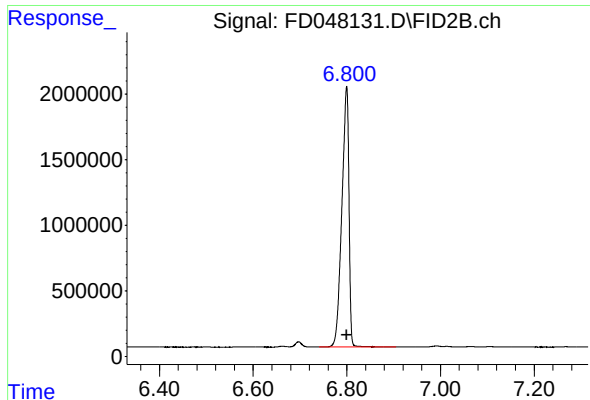
#3 A~Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 21554974
Conc: 104.42 ug/ml



#4 n-Dodecane (C12)

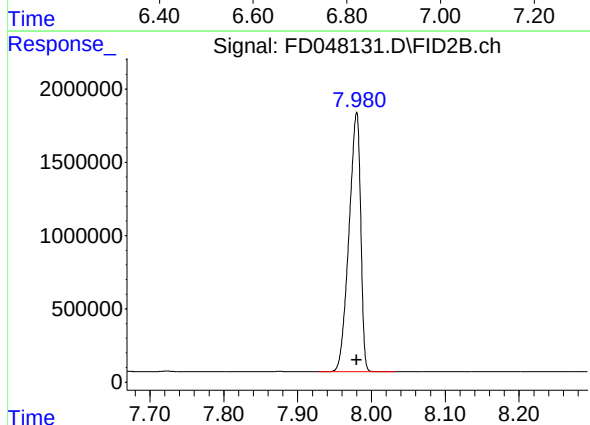
R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 19696378
Conc: 103.21 ug/ml



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

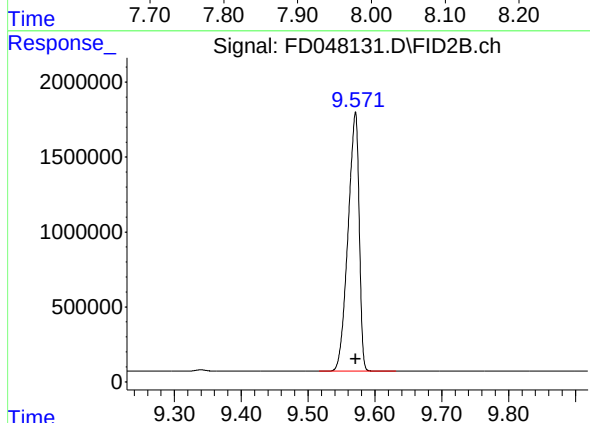
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 20826825
Conc: 104.85 ug/ml

Instrument :
FID_D
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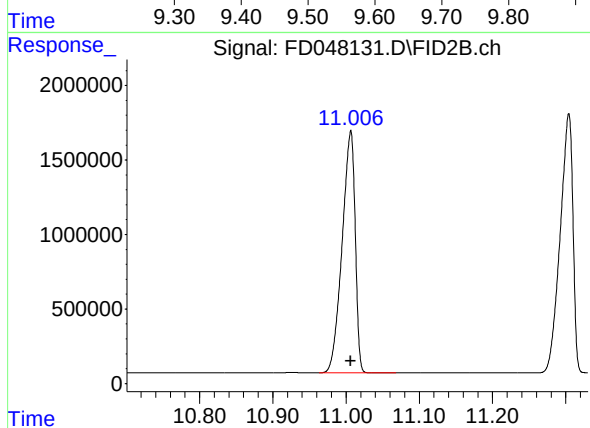
#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 19454139
Conc: 103.06 ug/ml



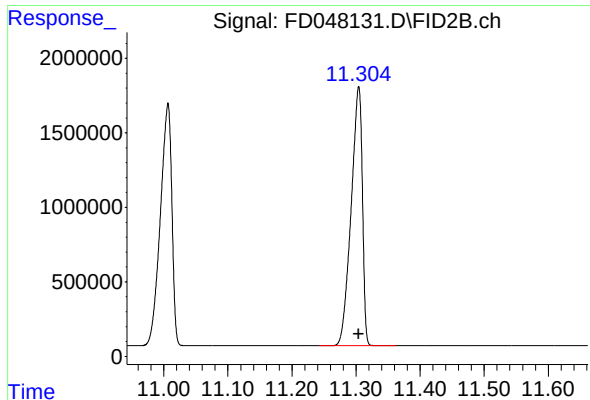
#7 n-Hexadecane (C16)

R.T.: 9.571 min
Delta R.T.: 0.000 min
Response: 20022877
Conc: 103.20 ug/ml



#8 n-Octadecane (C18)

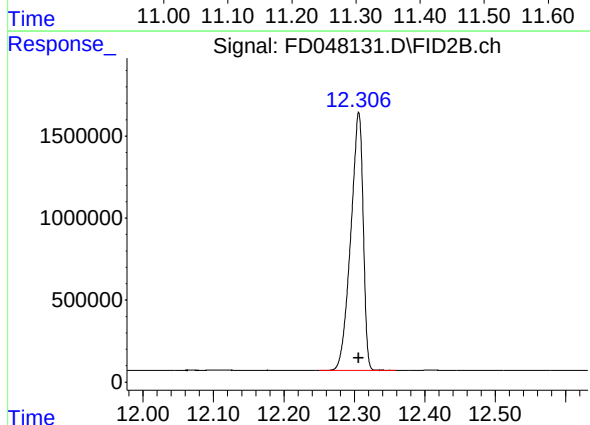
R.T.: 11.006 min
Delta R.T.: 0.000 min
Response: 20154081
Conc: 103.09 ug/ml



#9 ortho-Terphenyl (SURR)

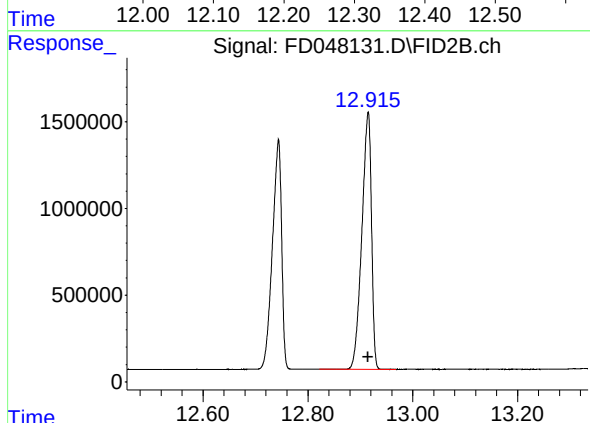
R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 21106240
Conc: 103.27 ug/ml

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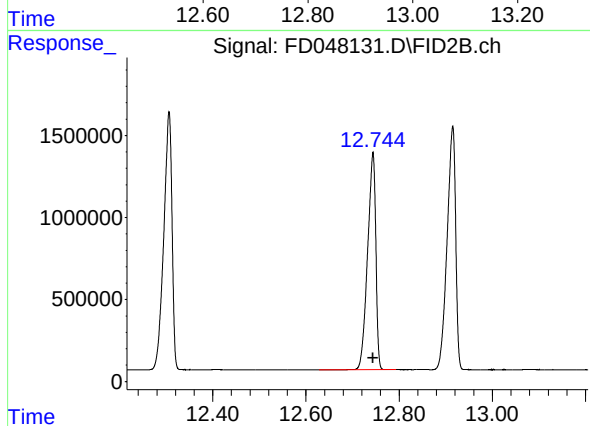
#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 19266041
Conc: 102.87 ug/ml



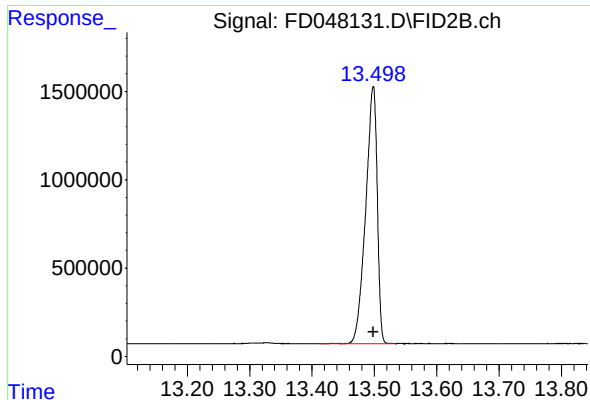
#11 n-Heneicosane (C21)

R.T.: 12.915 min
Delta R.T.: 0.000 min
Response: 18902389
Conc: 103.01 ug/ml



#12 1-chlorooctadecane (SURR)

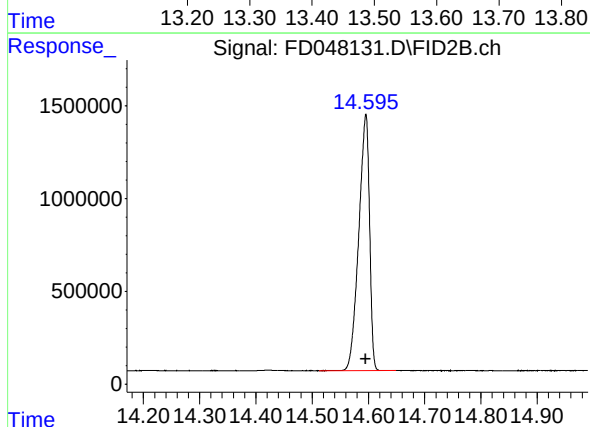
R.T.: 12.744 min
Delta R.T.: 0.000 min
Response: 16171117
Conc: 103.41 ug/ml



#13 n-Docosane (C22)

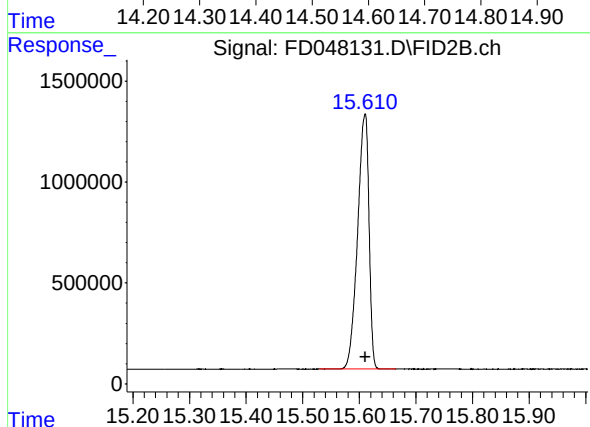
R.T.: 13.498 min
Delta R.T.: 0.000 min
Response: 18695916
Conc: 102.41 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



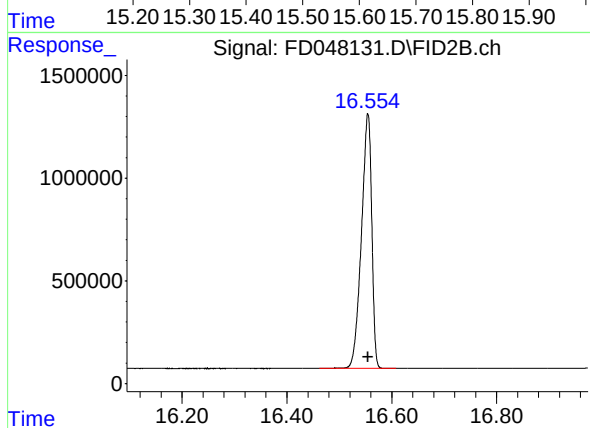
#14 n-Tetracosane (C24)

R.T.: 14.596 min
Delta R.T.: 0.000 min
Response: 18337506
Conc: 101.24 ug/ml



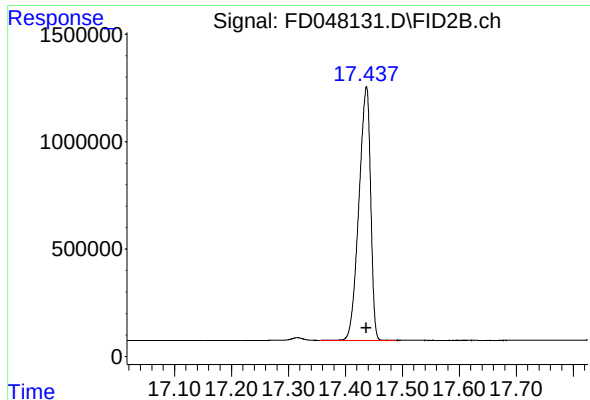
#15 n-Hexacosane (C26)

R.T.: 15.610 min
Delta R.T.: 0.000 min
Response: 17681382
Conc: 100.67 ug/ml



#16 n-Octacosane (C28)

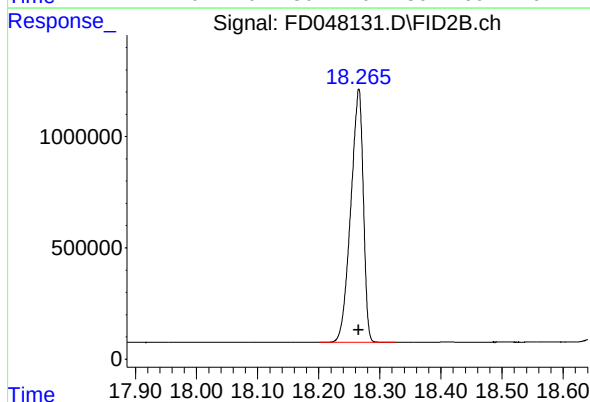
R.T.: 16.555 min
Delta R.T.: 0.000 min
Response: 16964656
Conc: 99.87 ug/ml



#17 n-Tricontane (C30)

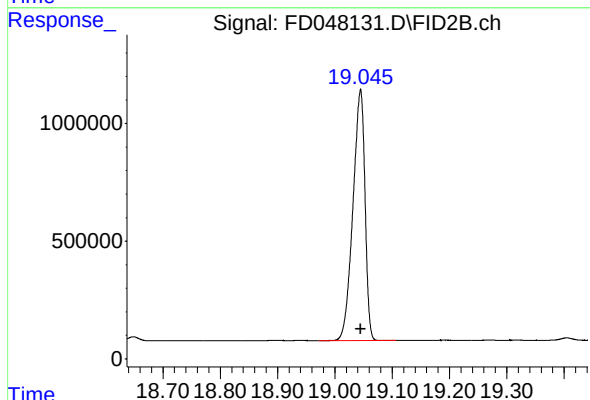
R.T.: 17.437 min
Delta R.T.: 0.000 min
Response: 16853749
Conc: 99.19 ug/ml

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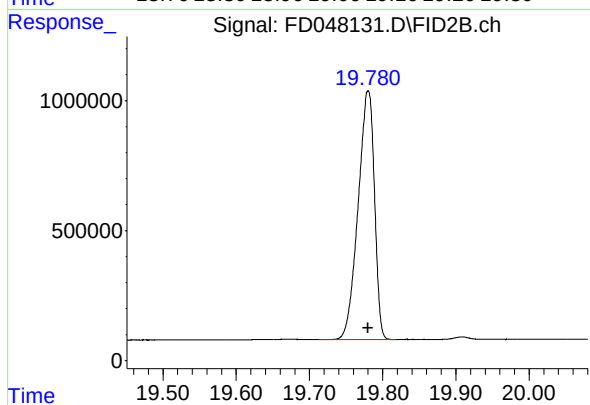
#18 n-Dotriacontane (C32)

R.T.: 18.266 min
Delta R.T.: 0.000 min
Response: 16222896
Conc: 99.57 ug/ml



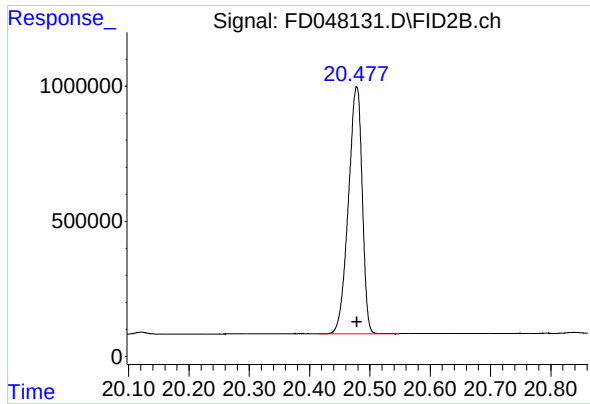
#19 n-Tetratriacontane (C34)

R.T.: 19.045 min
Delta R.T.: 0.000 min
Response: 15579380
Conc: 100.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.780 min
Delta R.T.: 0.000 min
Response: 14864483
Conc: 102.11 ug/ml



#21 n-Octatriacontane (C38)

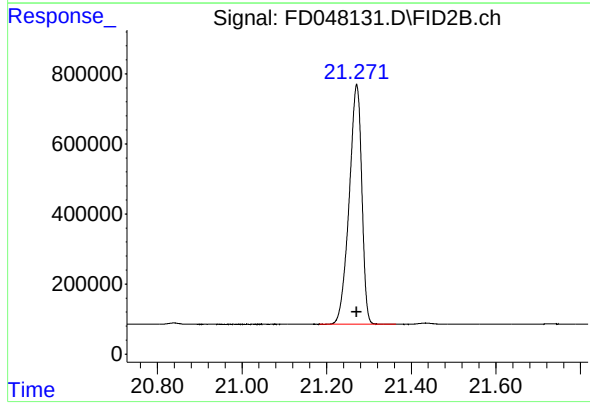
R.T.: 20.478 min
Delta R.T.: 0.000 min
Response: 14588328
Conc: 102.96 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.271 min
Delta R.T.: 0.000 min
Response: 14171365
Conc: 103.37 ug/ml