

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041025AL\
 Data File : FC068535.D
 Signal(s) : FID1A.ch
 Acq On : 09 Apr 2025 21:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 10 05:26:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.715	2369101	18.605 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
12) S 1-chlorooctadecane (S...	13.147	1683443	18.122 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T n-Nonane (C9)	3.446	2157300	20.483 ug/ml
2) T n-Decane (C10)	4.521	2144483	20.354 ug/ml
3) T A~Naphthalene (C11.7)	6.119	2335594	20.055 ug/ml
4) T n-Dodecane (C12)	6.547	2099213	19.962 ug/ml
5) T A~2-methylnaphthalene...	7.177	2276781	19.713 ug/ml
6) T n-Tetradecane (C14)	8.344	1991021	19.367 ug/ml
7) T n-Hexadecane (C16)	9.947	1910765	18.762 ug/ml
8) T n-Octadecane (C18)	11.390	1846967	18.354 ug/ml
10) T n-Eicosane (C20)	12.701	1786405	18.162 ug/ml
11) T n-Heneicosane (C21)	13.313	1762278	18.083 ug/ml
13) T n-Docosane (C22)	13.900	1742841	18.043 ug/ml
14) T n-Tetracosane (C24)	15.004	1727007	18.144 ug/ml
15) T n-Hexacosane (C26)	16.027	1706428	18.269 ug/ml
16) T n-Octacosane (C28)	16.977	1692108	18.481 ug/ml
17) T n-Tricontane (C30)	17.866	1724172	18.755 ug/ml
18) T n-Dotriacontane (C32)	18.700	1739791	18.967 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1706094	19.097 ug/ml
20) T n-Hexatriacontane (C36)	20.225	1720596	19.208 ug/ml
21) T n-Octatriacontane (C38)	21.001	1692757	19.146 ug/ml
22) T n-Tetracontane (C40)	21.977	1696291	19.209 ug/ml

(f)=RT Delta > 1/2 Window

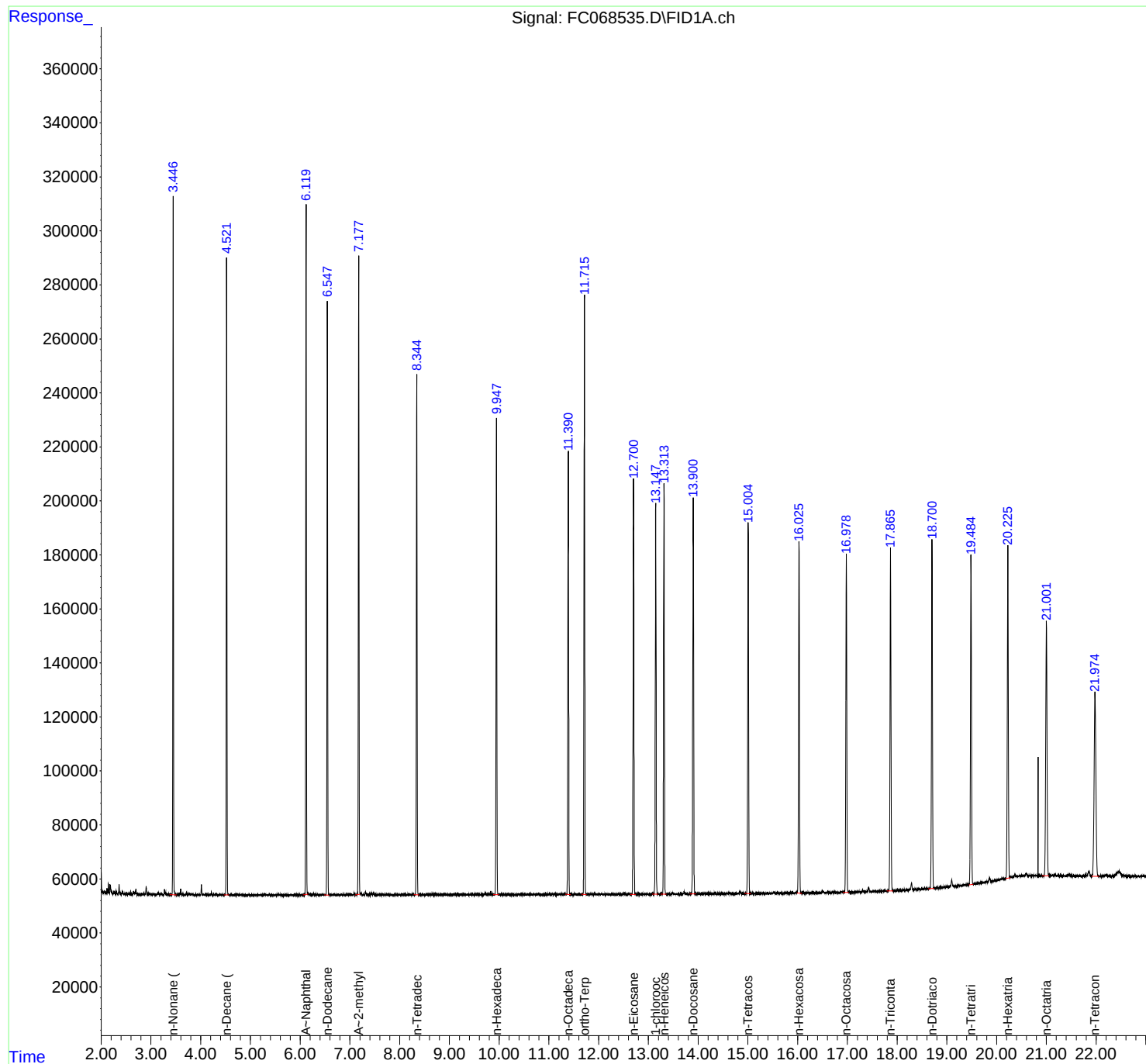
(m)=manual int.

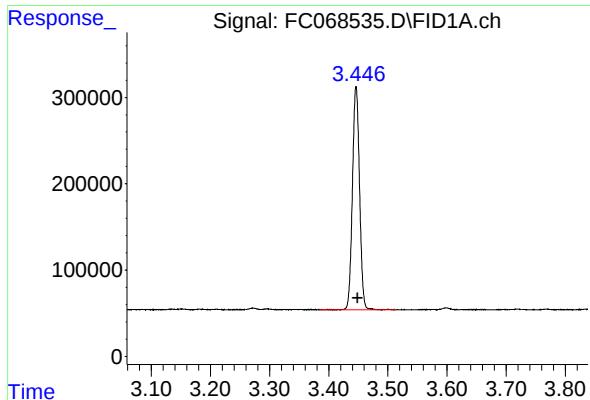
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041025AL\
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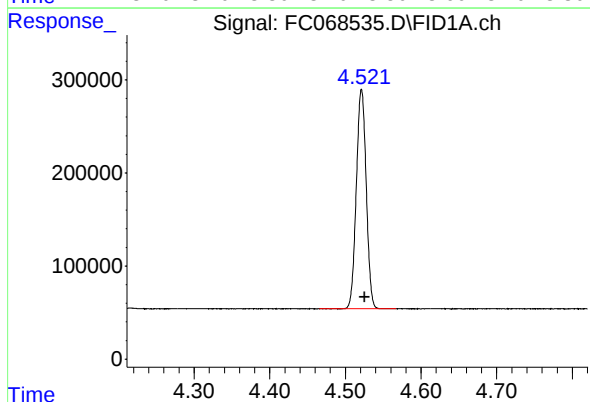




#1 n-Nonane (C9)

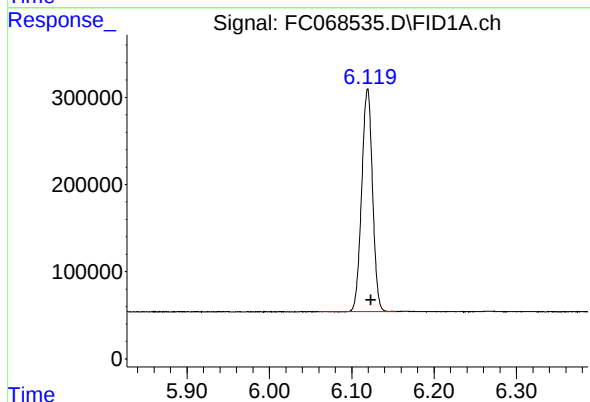
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2157300
Conc: 20.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



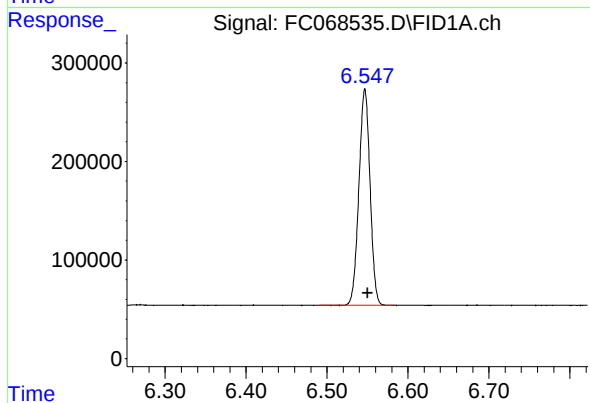
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 2144483
Conc: 20.35 ug/ml



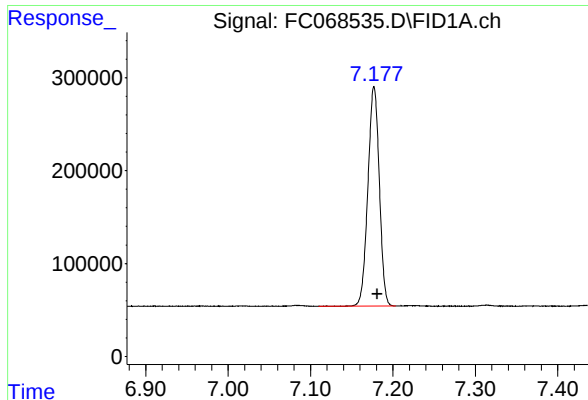
#3 A~Naphthalene (C11.7)

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 2335594
Conc: 20.05 ug/ml



#4 n-Dodecane (C12)

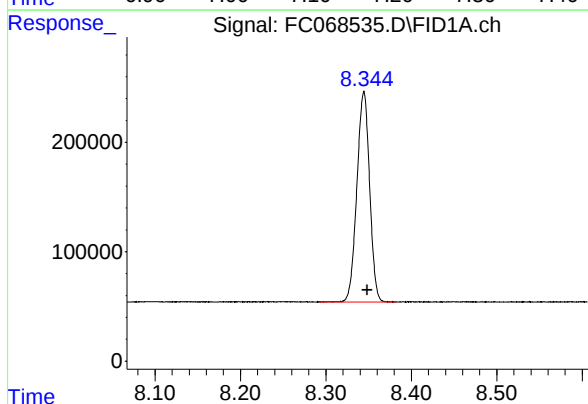
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 2099213
Conc: 19.96 ug/ml



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

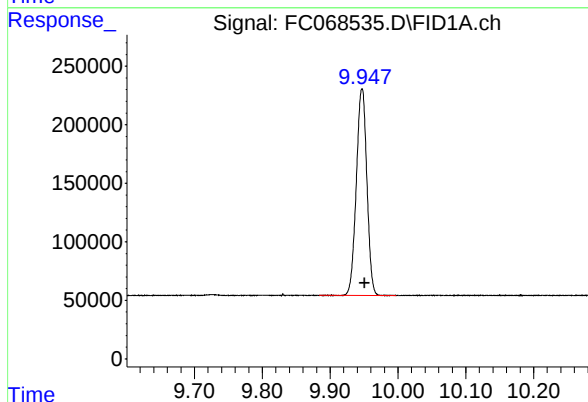
R.T.: 7.177 min
Delta R.T.: -0.004 min
Response: 2276781
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



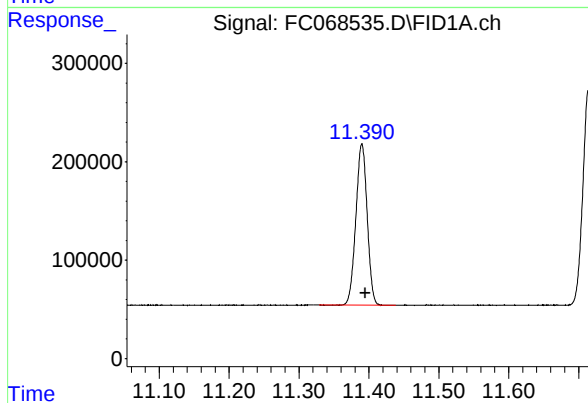
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 1991021
Conc: 19.37 ug/ml



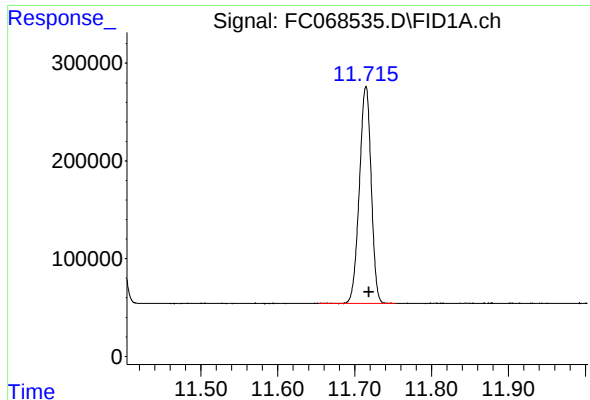
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: -0.004 min
Response: 1910765
Conc: 18.76 ug/ml



#8 n-Octadecane (C18)

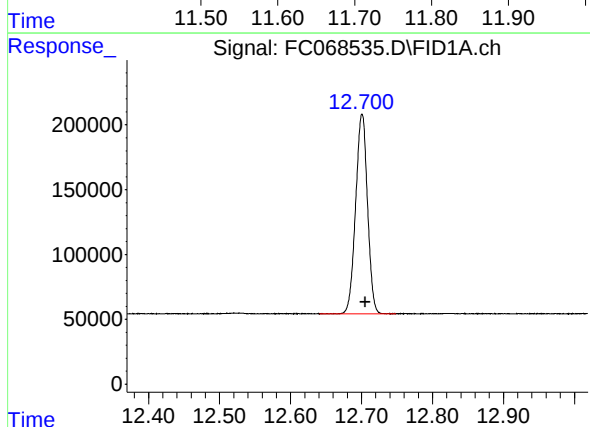
R.T.: 11.390 min
Delta R.T.: -0.005 min
Response: 1846967
Conc: 18.35 ug/ml



#9 ortho-Terphenyl (SURR)

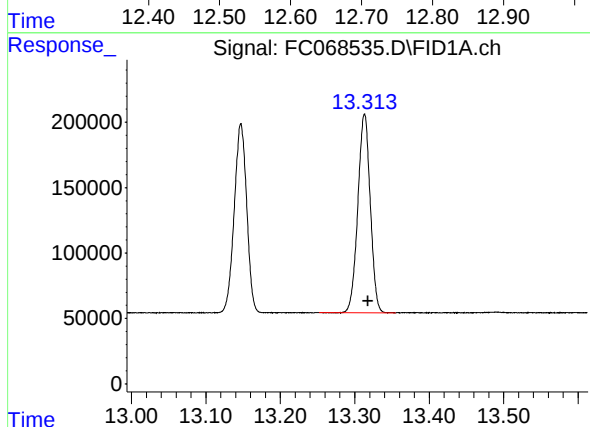
R.T.: 11.715 min
Delta R.T.: -0.004 min
Response: 2369101
Conc: 18.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



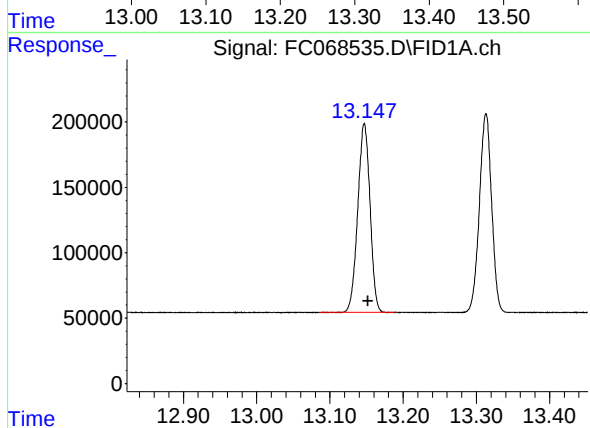
#10 n-Eicosane (C20)

R.T.: 12.701 min
Delta R.T.: -0.005 min
Response: 1786405
Conc: 18.16 ug/ml



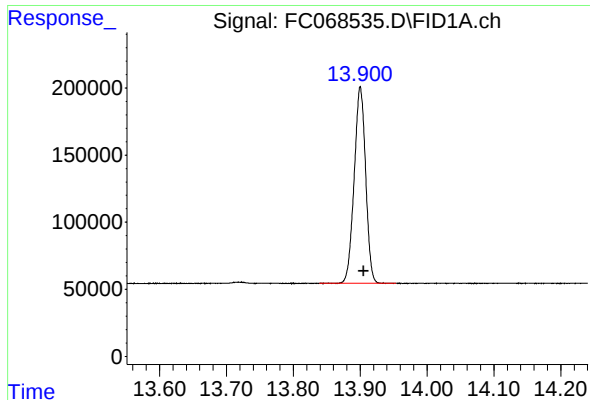
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: -0.005 min
Response: 1762278
Conc: 18.08 ug/ml



#12 1-chlorooctadecane (SURR)

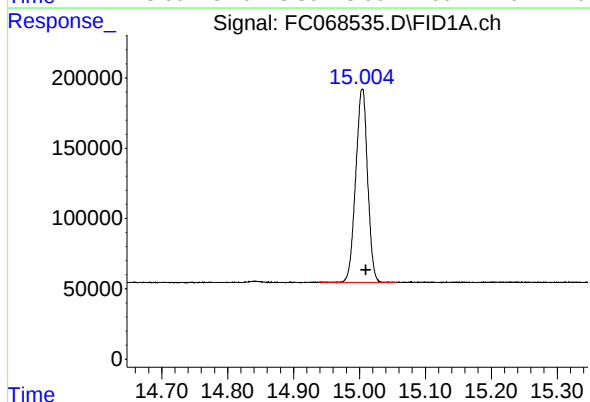
R.T.: 13.147 min
Delta R.T.: -0.005 min
Response: 1683443
Conc: 18.12 ug/ml



#13 n-Docosane (C22)

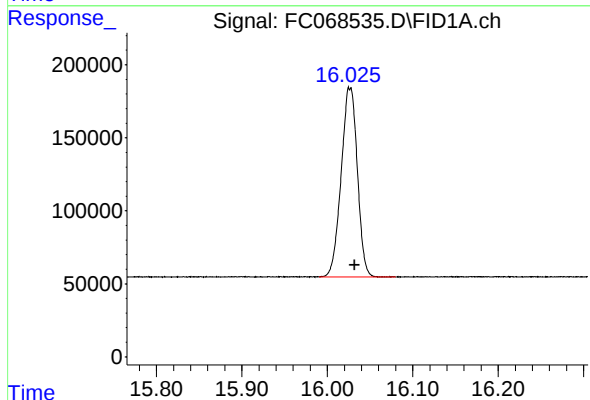
R.T.: 13.900 min
Delta R.T.: -0.005 min
Response: 1742841
Conc: 18.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



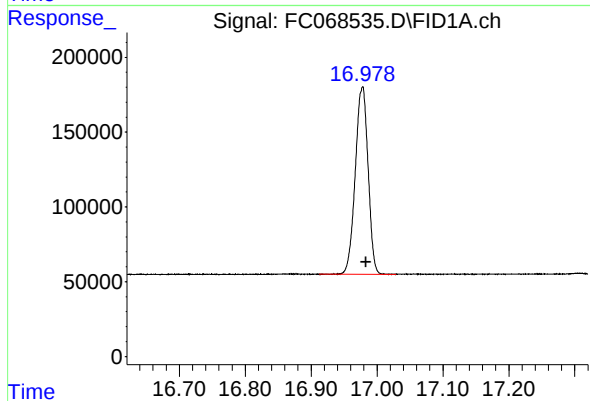
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: -0.006 min
Response: 1727007
Conc: 18.14 ug/ml



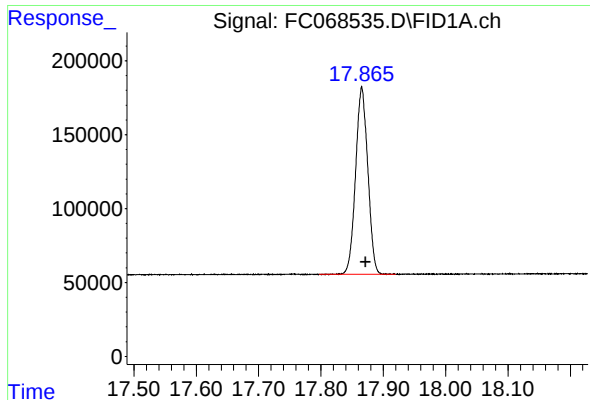
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: -0.005 min
Response: 1706428
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

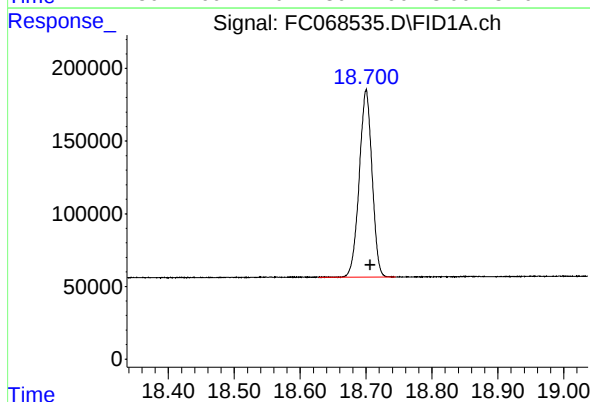
R.T.: 16.977 min
Delta R.T.: -0.006 min
Response: 1692108
Conc: 18.48 ug/ml



#17 n-Tricontane (C30)

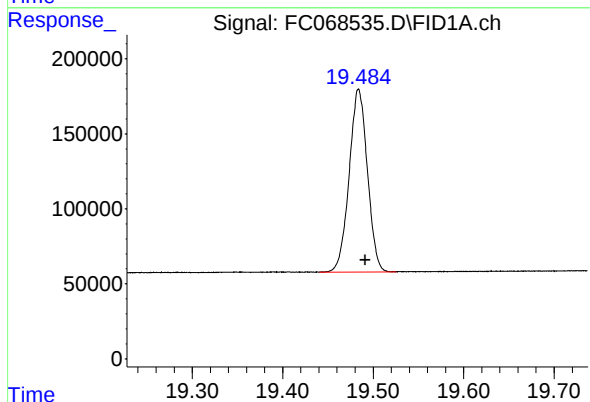
R.T.: 17.866 min
Delta R.T.: -0.006 min
Response: 1724172
Conc: 18.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



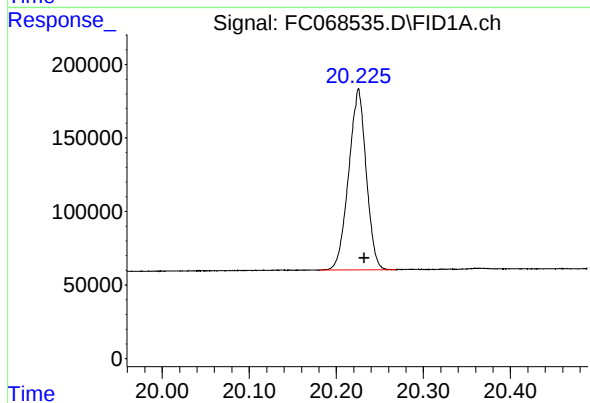
#18 n-Dotriacontane (C32)

R.T.: 18.700 min
Delta R.T.: -0.006 min
Response: 1739791
Conc: 18.97 ug/ml



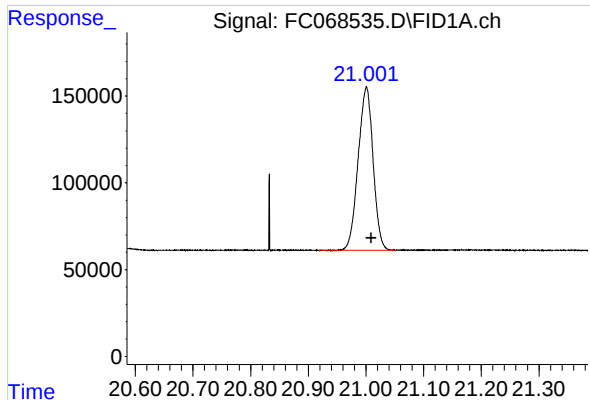
#19 n-Tetatriacontane (C34)

R.T.: 19.484 min
Delta R.T.: -0.008 min
Response: 1706094
Conc: 19.10 ug/ml



#20 n-Hexatriacontane (C36)

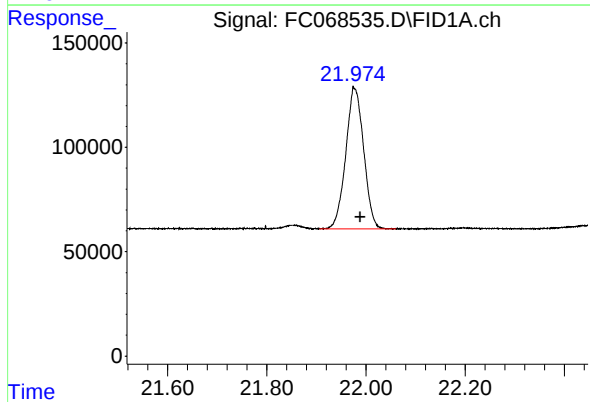
R.T.: 20.225 min
Delta R.T.: -0.007 min
Response: 1720596
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.001 min
Delta R.T.: -0.009 min
Response: 1692757
Conc: 19.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.012 min
Response: 1696291
Conc: 19.21 ug/ml