

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073024AL\
 Data File : FC066856.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 04:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 31 05:33:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.520	2560840	16.634 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
12) S 1-chlorooctadecane (S...	12.959	1932780	17.285 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
Target Compounds			
1) T n-Nonane (C9)	3.284	2267435	15.980 ug/ml
2) T n-Decane (C10)	4.351	2419840	16.369 ug/ml
3) T A~Naphthalene (C11.7)	5.933	2580588	16.159 ug/ml
4) T n-Dodecane (C12)	6.370	2438110	16.263 ug/ml
5) T A~2-methylnaphthalene...	6.989	2475118	16.145 ug/ml
6) T n-Tetradecane (C14)	8.165	2410417	16.475 ug/ml
7) T n-Hexadecane (C16)	9.766	2511018	16.777 ug/ml
8) T n-Octadecane (C18)	11.207	2514431	16.944 ug/ml
10) T n-Eicosane (C20)	12.515	2371510	17.014 ug/ml
11) T n-Heneicosane (C21)	13.127	2305826	16.929 ug/ml
13) T n-Docosane (C22)	13.713	2292678	17.069 ug/ml
14) T n-Tetracosane (C24)	14.816	2308356	17.354 ug/ml
15) T n-Hexacosane (C26)	15.836	2295394	17.641 ug/ml
16) T n-Octacosane (C28)	16.786	2406682	19.077 ug/ml
17) T n-Tricontane (C30)	17.674	2747647	21.367 ug/ml
18) T n-Dotriacontane (C32)	18.506	2845961	22.606 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2591847	20.950 ug/ml
20) T n-Hexatriacontane (C36)	20.028	2318178	19.929 ug/ml
21) T n-Octatriacontane (C38)	20.757	2154827	19.394 ug/ml
22) T n-Tetracontane (C40)	21.655	1988412	18.290 ug/ml

(f)=RT Delta > 1/2 Window

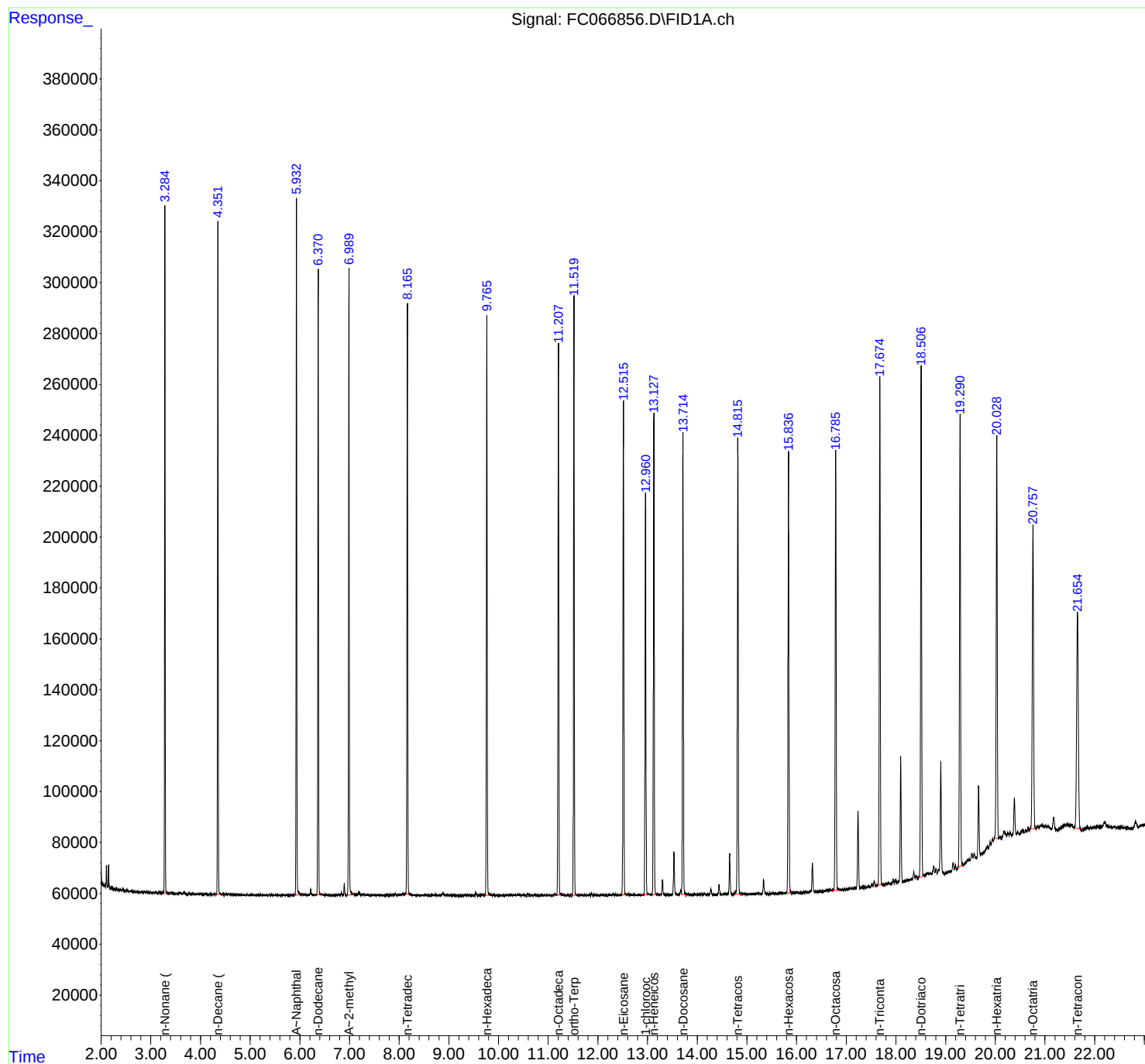
(m)=manual int.

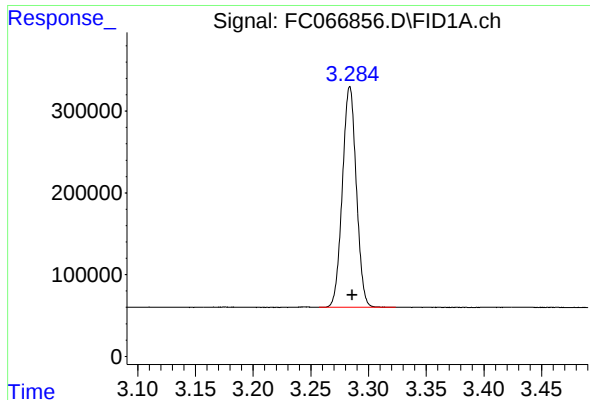
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073024AL\
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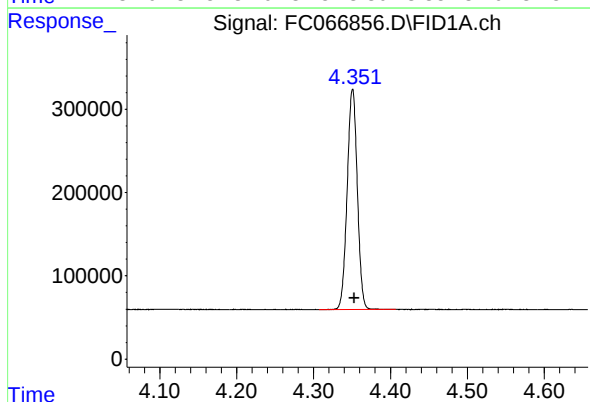




#1 n-Nonane (C9)

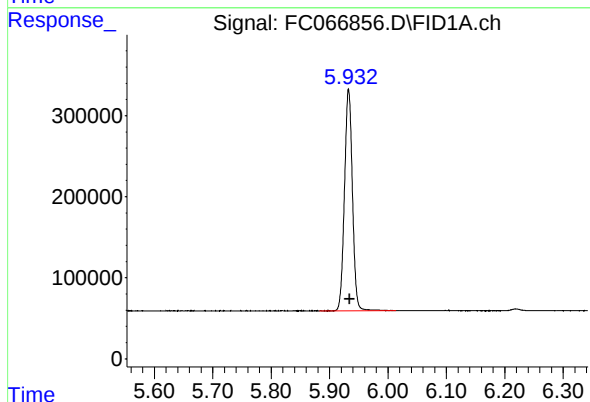
R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 2267435
Conc: 15.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



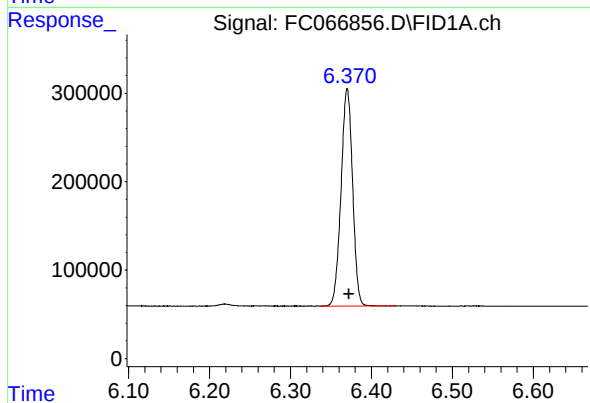
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 2419840
Conc: 16.37 ug/ml



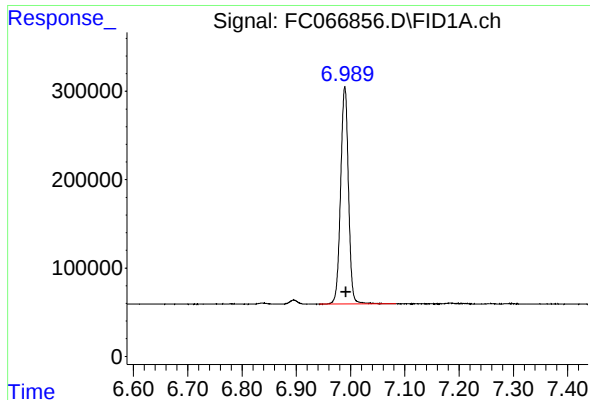
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 2580588
Conc: 16.16 ug/ml



#4 n-Dodecane (C12)

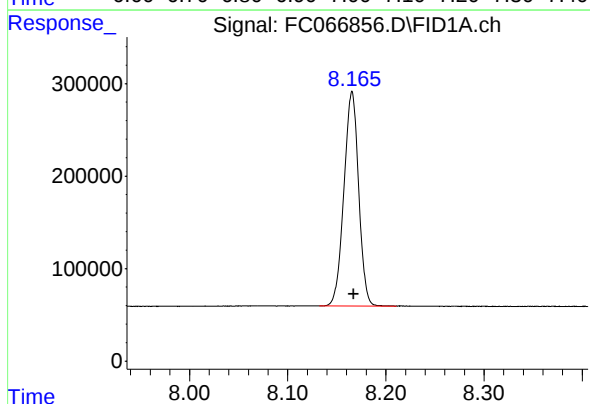
R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 2438110
Conc: 16.26 ug/ml



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

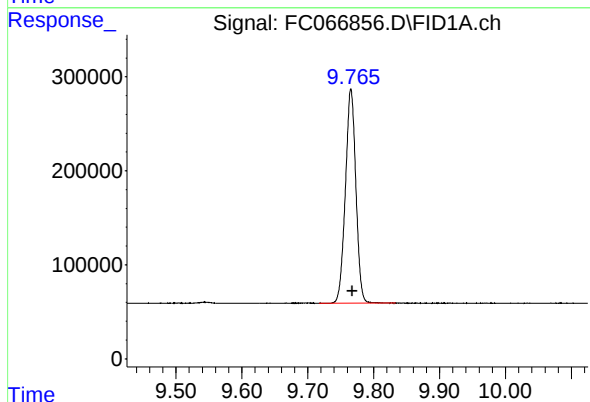
R.T.: 6.989 min
Delta R.T.: -0.002 min
Response: 2475118
Conc: 16.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



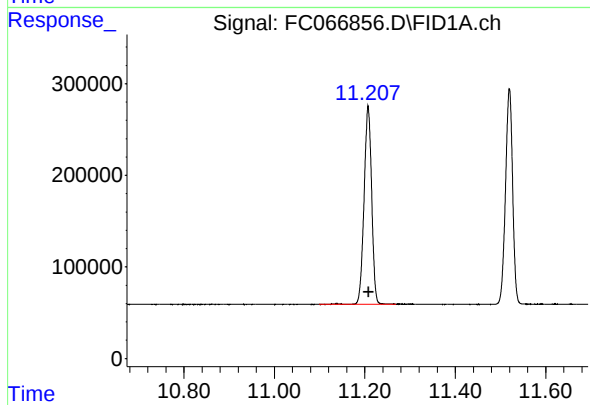
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 2410417
Conc: 16.47 ug/ml



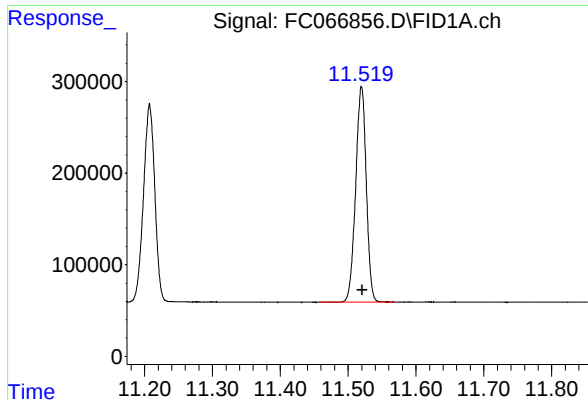
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: -0.002 min
Response: 2511018
Conc: 16.78 ug/ml



#8 n-Octadecane (C18)

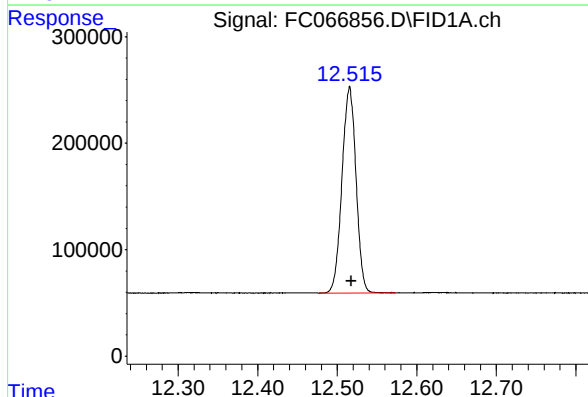
R.T.: 11.207 min
Delta R.T.: -0.001 min
Response: 2514431
Conc: 16.94 ug/ml



#9 ortho-Terphenyl (SURR)

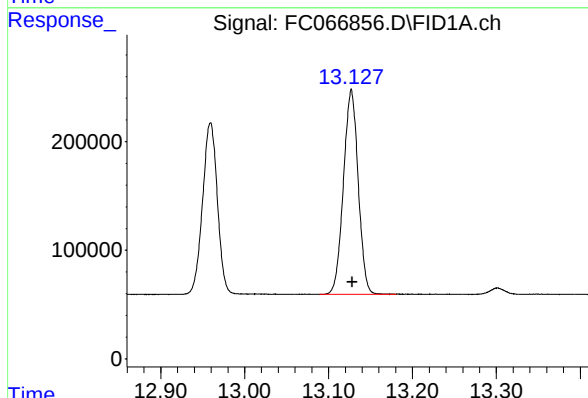
R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 2560840
Conc: 16.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



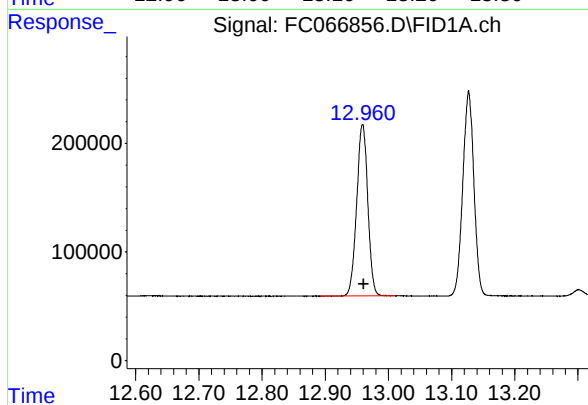
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.002 min
Response: 2371510
Conc: 17.01 ug/ml



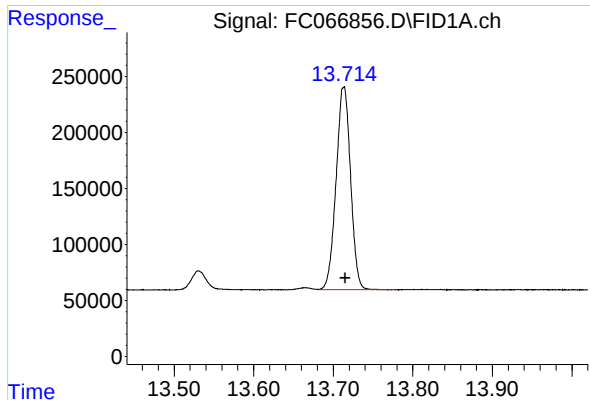
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.001 min
Response: 2305826
Conc: 16.93 ug/ml



#12 1-chlorooctadecane (SURR)

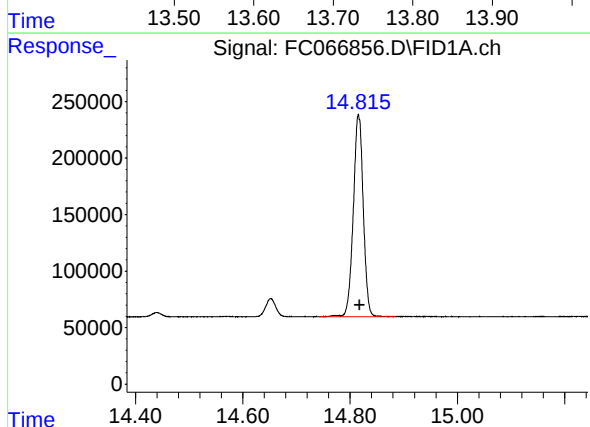
R.T.: 12.959 min
Delta R.T.: -0.002 min
Response: 1932780
Conc: 17.29 ug/ml



#13 n-Docosane (C22)

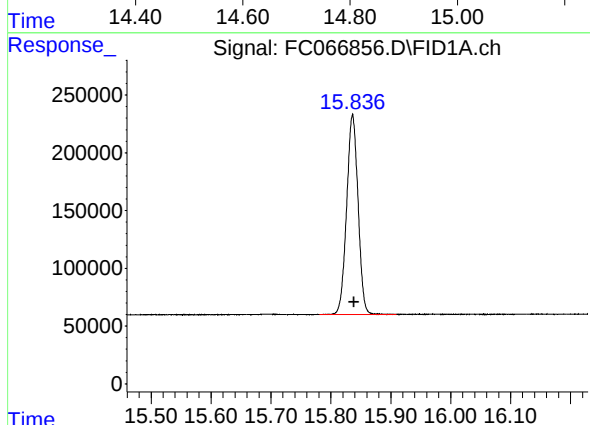
R.T.: 13.713 min
Delta R.T.: -0.002 min
Response: 2292678
Conc: 17.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



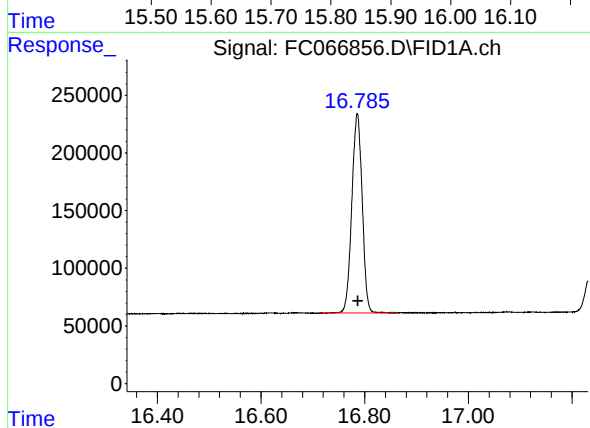
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.002 min
Response: 2308356
Conc: 17.35 ug/ml



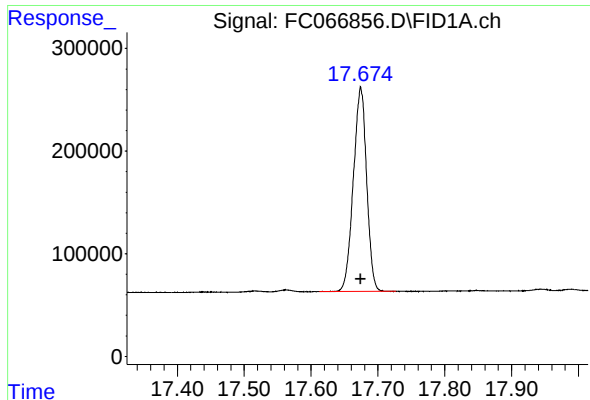
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.002 min
Response: 2295394
Conc: 17.64 ug/ml



#16 n-Octacosane (C28)

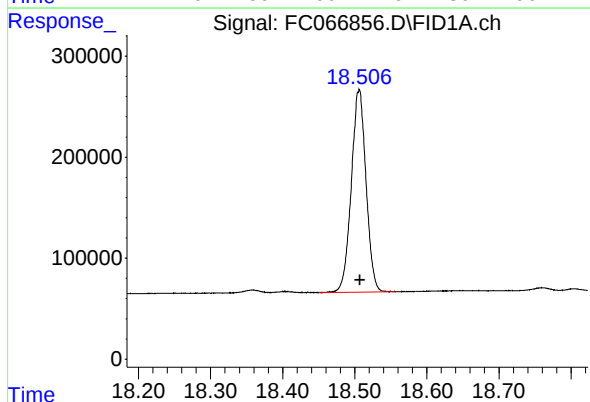
R.T.: 16.786 min
Delta R.T.: -0.002 min
Response: 2406682
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

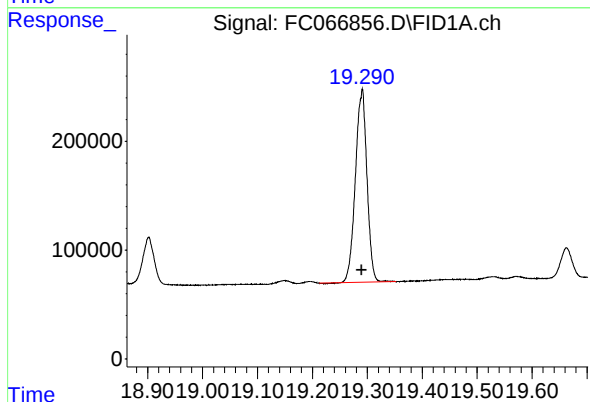
R.T.: 17.674 min
Delta R.T.: 0.000 min
Response: 2747647
Conc: 21.37 ug/ml

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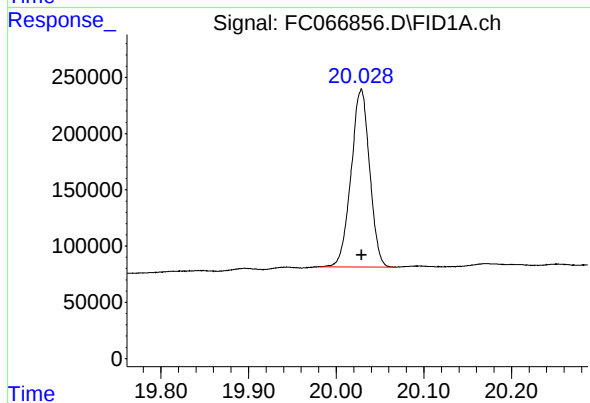
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: -0.001 min
Response: 2845961
Conc: 22.61 ug/ml



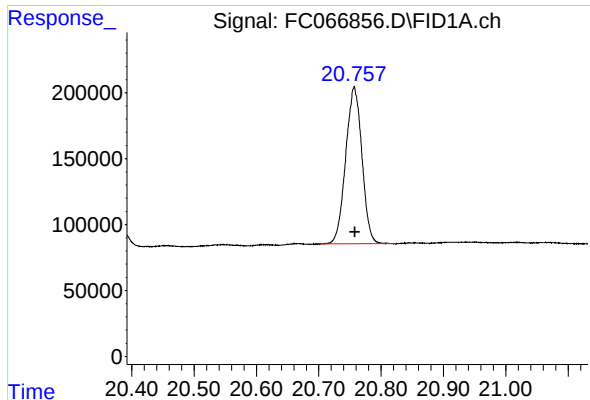
#19 n-Tetatriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.000 min
Response: 2591847
Conc: 20.95 ug/ml



#20 n-Hexatriacontane (C36)

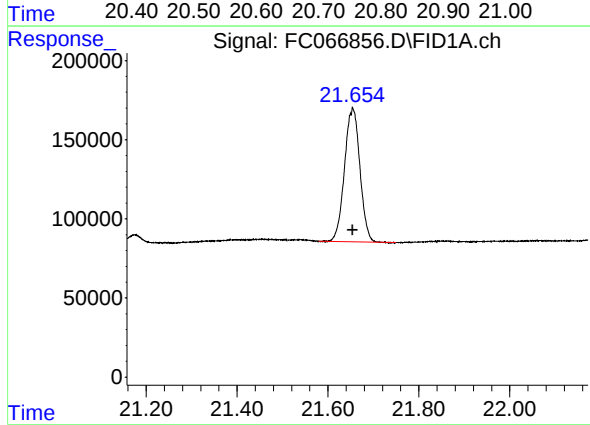
R.T.: 20.028 min
Delta R.T.: 0.000 min
Response: 2318178
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.757 min
Delta R.T.: -0.001 min
Response: 2154827
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.655 min
Delta R.T.: 0.000 min
Response: 1988412
Conc: 18.29 ug/ml