

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071524AL\
 Data File : FC066795.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2024 13:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jul 15 13:59:22 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)	11.523	3054285	19.839 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
12) S 1-chlorooctadecane (S...	12.962	2220187	19.856 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	3.289	2907421	20.490 ug/ml
2) T n-Decane (C10)	4.355	2979252	20.153 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3208077	20.089 ug/ml
4) T n-Dodecane (C12)	6.373	2984290	19.906 ug/ml
5) T A~2-methylnaphthalene...	6.993	3058487	19.951 ug/ml
6) T n-Tetradecane (C14)	8.169	2899308	19.816 ug/ml
7) T n-Hexadecane (C16)	9.769	2961204	19.785 ug/ml
8) T n-Octadecane (C18)	11.210	2930189	19.746 ug/ml
10) T n-Eicosane (C20)	12.519	2758404	19.790 ug/ml
11) T n-Heneicosane (C21)	13.131	2694048	19.779 ug/ml
13) T n-Docosane (C22)	13.716	2658664	19.793 ug/ml
14) T n-Tetracosane (C24)	14.819	2639993	19.848 ug/ml
15) T n-Hexacosane (C26)	15.840	2576079	19.798 ug/ml
16) T n-Octacosane (C28)	16.789	2519386	19.971 ug/ml
17) T n-Tricontane (C30)	17.675	2573923	20.016 ug/ml
18) T n-Dotriacontane (C32)	18.508	2518170	20.002 ug/ml
19) T n-Tetratriacontane (C34)	19.291	2469853	19.964 ug/ml
20) T n-Hexatriacontane (C36)	20.031	2334488	20.069 ug/ml
21) T n-Octatriacontane (C38)	20.758	2189753	19.709 ug/ml
22) T n-Tetracontane (C40)	21.657	2084596	19.175 ug/ml

(f)=RT Delta > 1/2 Window

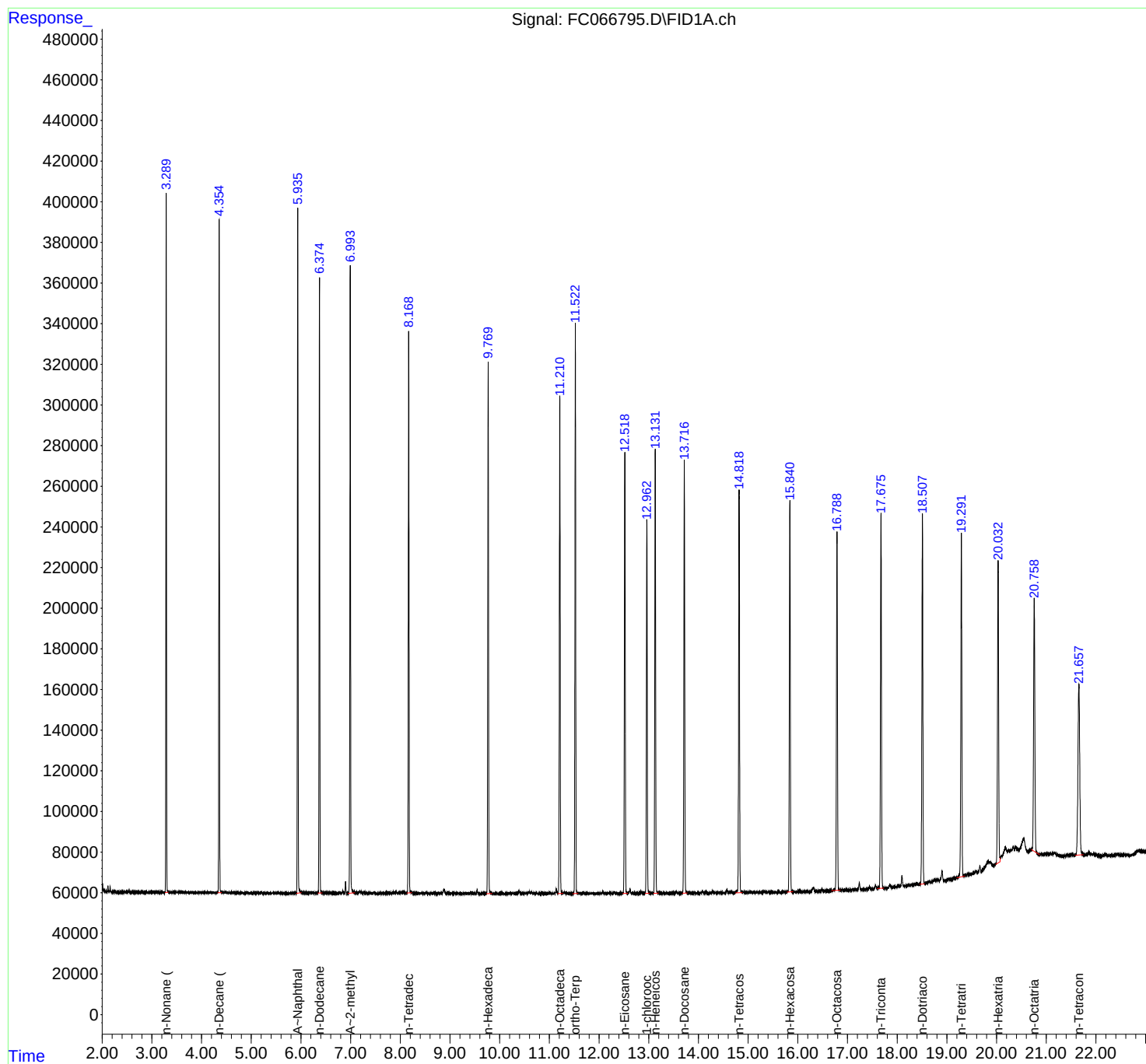
(m)=manual int.

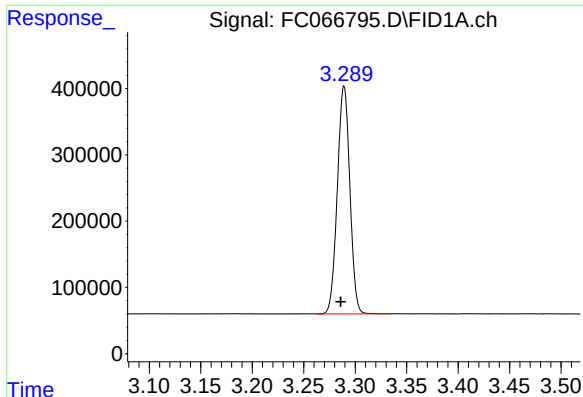
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071524AL\
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#1 n-Nonane (C9)

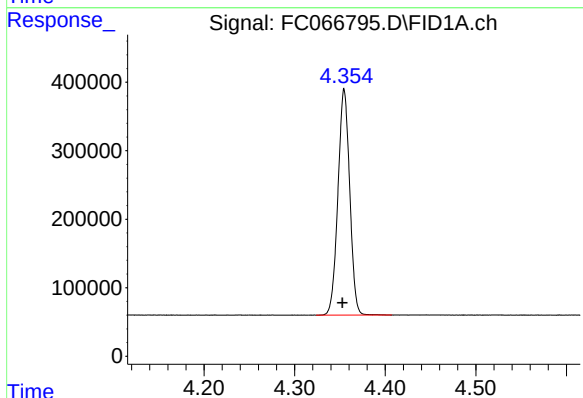
R.T.: 3.289 min
Delta R.T.: 0.003 min
Response: 2907421
Conc: 20.49 ug/ml

Instrument :

FID_C

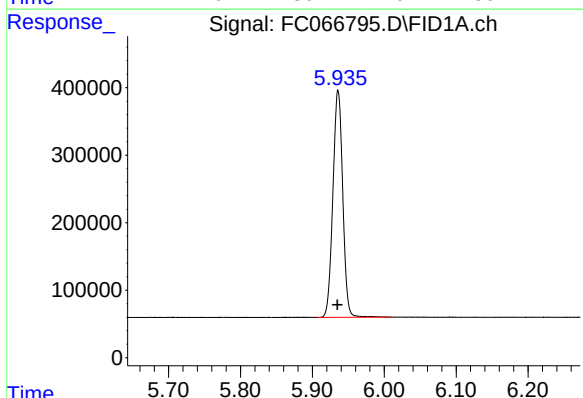
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



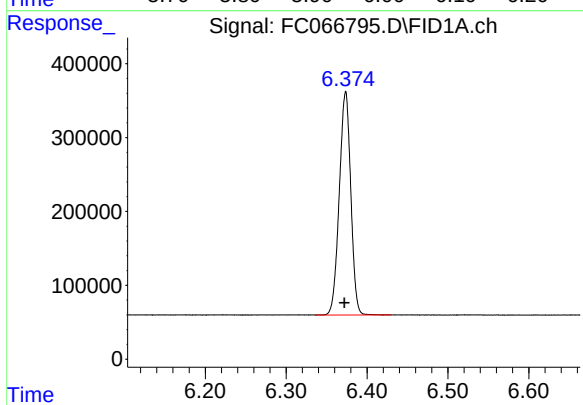
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.002 min
Response: 2979252
Conc: 20.15 ug/ml



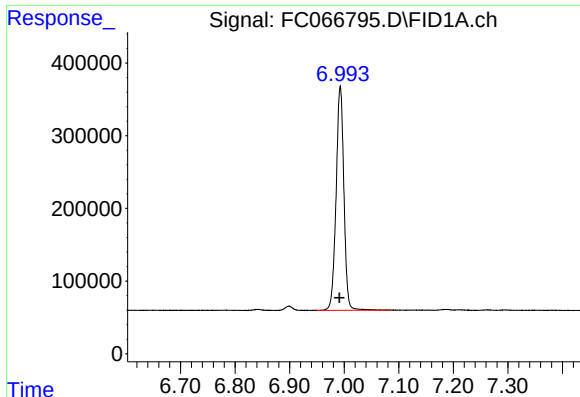
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: 0.001 min
Response: 3208077
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

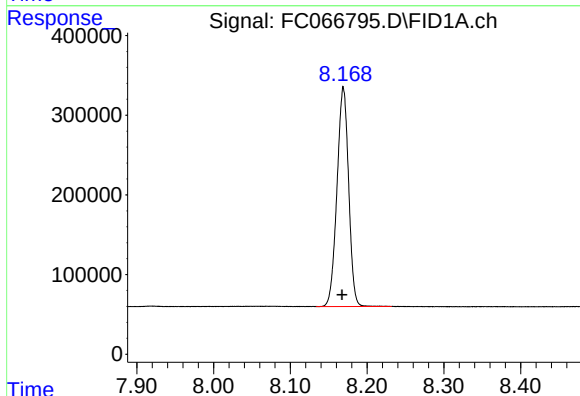
R.T.: 6.373 min
Delta R.T.: 0.001 min
Response: 2984290
Conc: 19.91 ug/ml



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

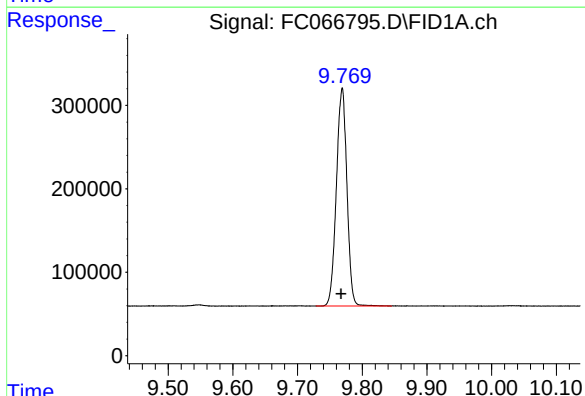
R.T.: 6.993 min
Delta R.T.: 0.001 min
Response: 3058487
Conc: 19.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



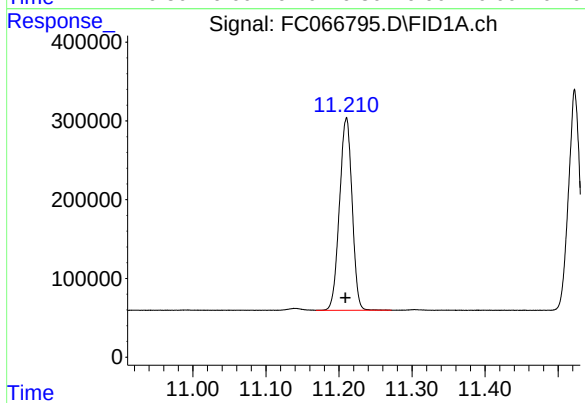
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.002 min
Response: 2899308
Conc: 19.82 ug/ml



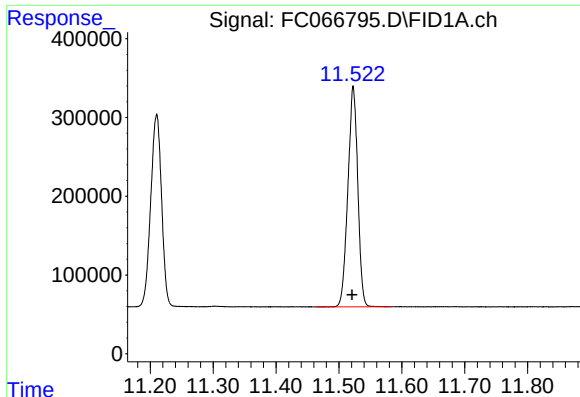
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: 0.001 min
Response: 2961204
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

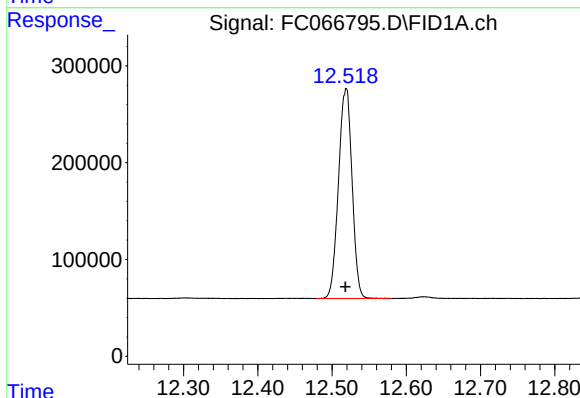
R.T.: 11.210 min
Delta R.T.: 0.001 min
Response: 2930189
Conc: 19.75 ug/ml



#9 ortho-Terphenyl (SURR)

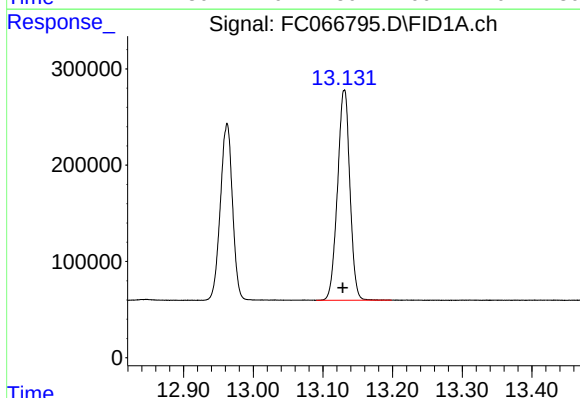
R.T.: 11.523 min
Delta R.T.: 0.002 min
Response: 3054285
Conc: 19.84 ug/ml

Instrument :
FID_C
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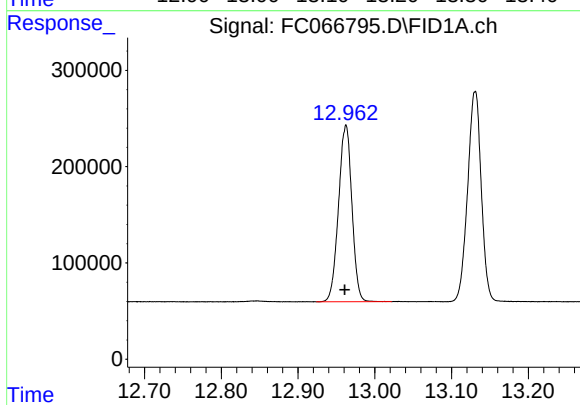
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.000 min
Response: 2758404
Conc: 19.79 ug/ml



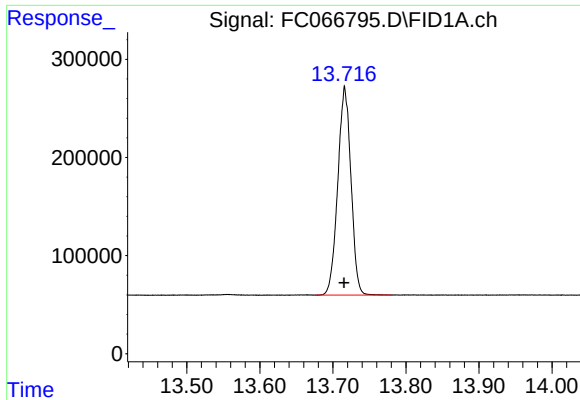
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: 0.002 min
Response: 2694048
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

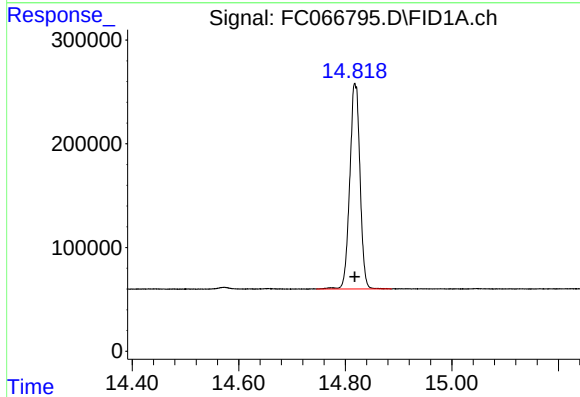
R.T.: 12.962 min
Delta R.T.: 0.001 min
Response: 2220187
Conc: 19.86 ug/ml



#13 n-Docosane (C22)

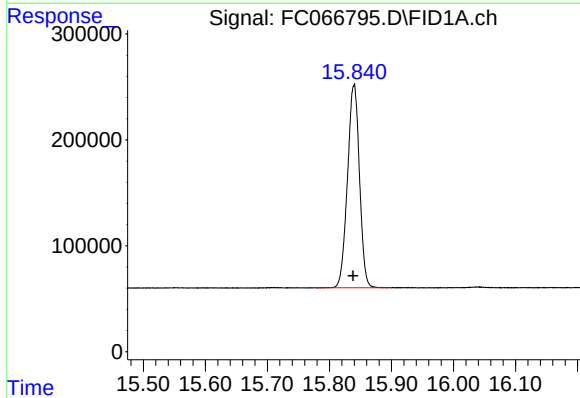
R.T.: 13.716 min
Delta R.T.: 0.001 min
Response: 2658664
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



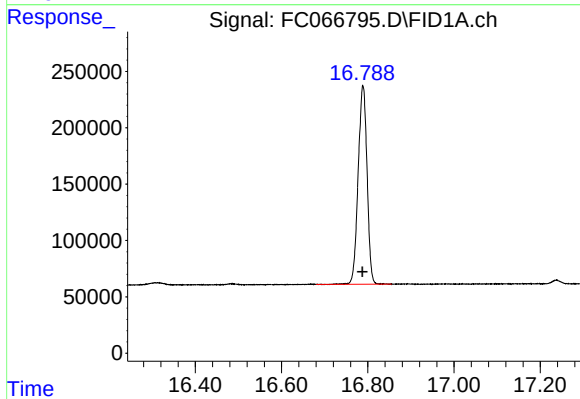
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.000 min
Response: 2639993
Conc: 19.85 ug/ml



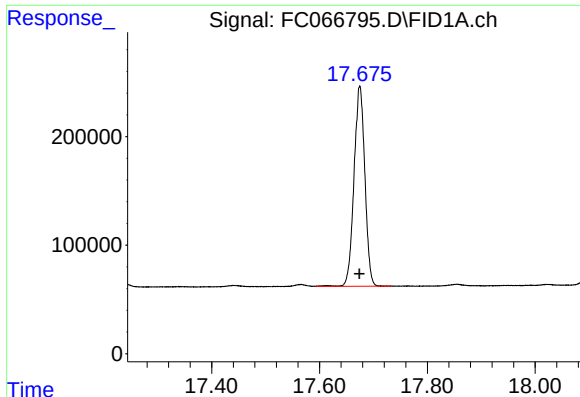
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.001 min
Response: 2576079
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

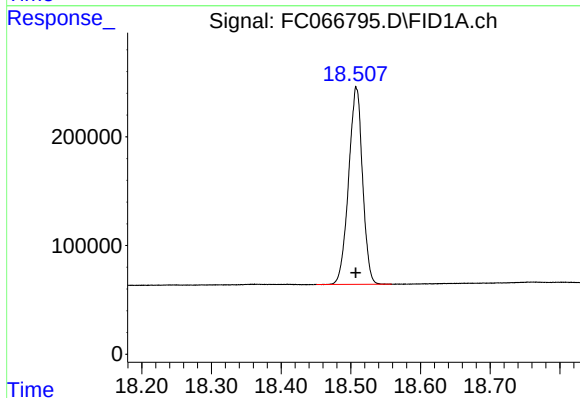
R.T.: 16.789 min
Delta R.T.: 0.002 min
Response: 2519386
Conc: 19.97 ug/ml



#17 n-Tricontane (C30)

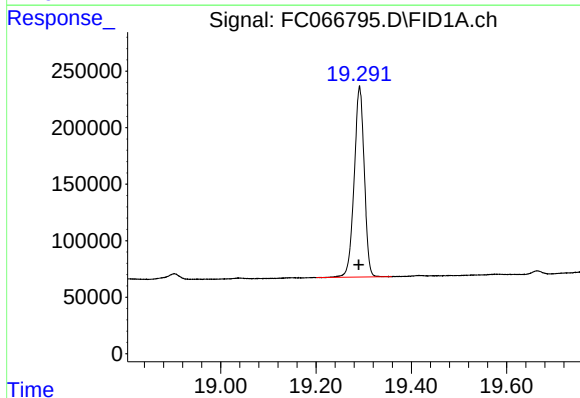
R.T.: 17.675 min
Delta R.T.: 0.000 min
Response: 2573923
Conc: 20.02 ug/ml

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20 PPM ALIPHATIC HC STD ICV



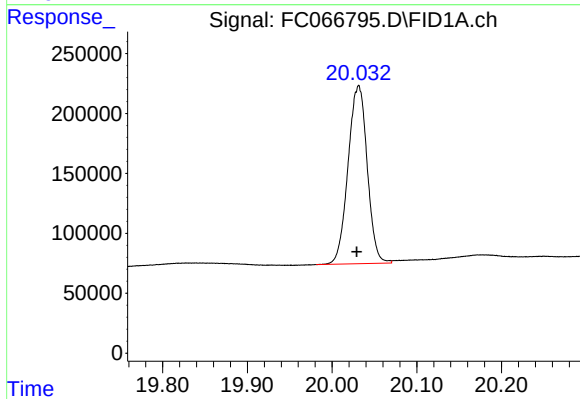
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.000 min
Response: 2518170
Conc: 20.00 ug/ml



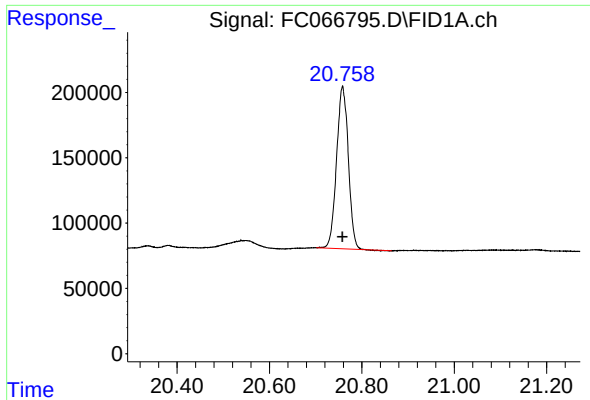
#19 n-Tetratriacontane (C34)

R.T.: 19.291 min
Delta R.T.: 0.002 min
Response: 2469853
Conc: 19.96 ug/ml



#20 n-Hexatriacontane (C36)

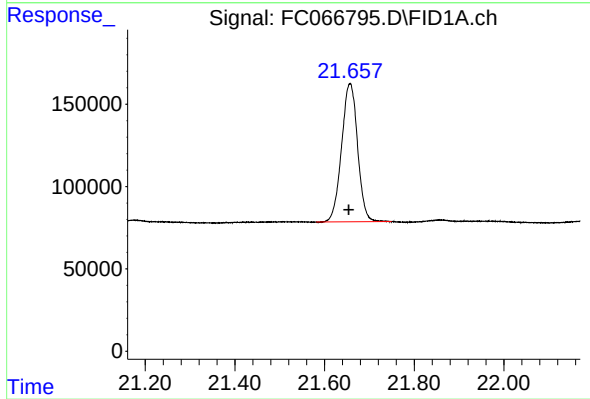
R.T.: 20.031 min
Delta R.T.: 0.002 min
Response: 2334488
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: 0.000 min
Response: 2189753
Conc: 19.71 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.657 min
Delta R.T.: 0.003 min
Response: 2084596
Conc: 19.18 ug/ml