

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101724AL\
 Data File : FC067466.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2024 22:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 18 01:45:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.497	3032158	19.927 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	12.935	2286073	20.196 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T n-Nonane (C9)	3.274	2724970	21.497 ug/ml
2) T n-Decane (C10)	4.339	2809453	21.856 ug/ml
3) T A~Naphthalene (C11.7)	5.917	3069340	21.637 ug/ml
4) T n-Dodecane (C12)	6.355	2821622	21.745 ug/ml
5) T A~2-methylnaphthalene...	6.972	2948723	21.494 ug/ml
6) T n-Tetradecane (C14)	8.147	2758734	21.419 ug/ml
7) T n-Hexadecane (C16)	9.746	2799421	21.030 ug/ml
8) T n-Octadecane (C18)	11.186	2795766	20.617 ug/ml
10) T n-Eicosane (C20)	12.492	2665242	20.412 ug/ml
11) T n-Heneicosane (C21)	13.103	2600675	20.277 ug/ml
13) T n-Docosane (C22)	13.688	2583278	20.231 ug/ml
14) T n-Tetracosane (C24)	14.791	2555542	19.982 ug/ml
15) T n-Hexacosane (C26)	15.810	2513314	19.933 ug/ml
16) T n-Octacosane (C28)	16.758	2502290	19.918 ug/ml
17) T n-Tricontane (C30)	17.644	2604325	20.216 ug/ml
18) T n-Dotriacontane (C32)	18.475	2581836	20.667 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2280962	20.873 ug/ml
20) T n-Hexatriacontane (C36)	19.996	1961678	20.755 ug/ml
21) T n-Octatriacontane (C38)	20.718	1978347	22.558 ug/ml
22) T n-Tetracontane (C40)	21.605	1813638	21.077 ug/ml

(f)=RT Delta > 1/2 Window

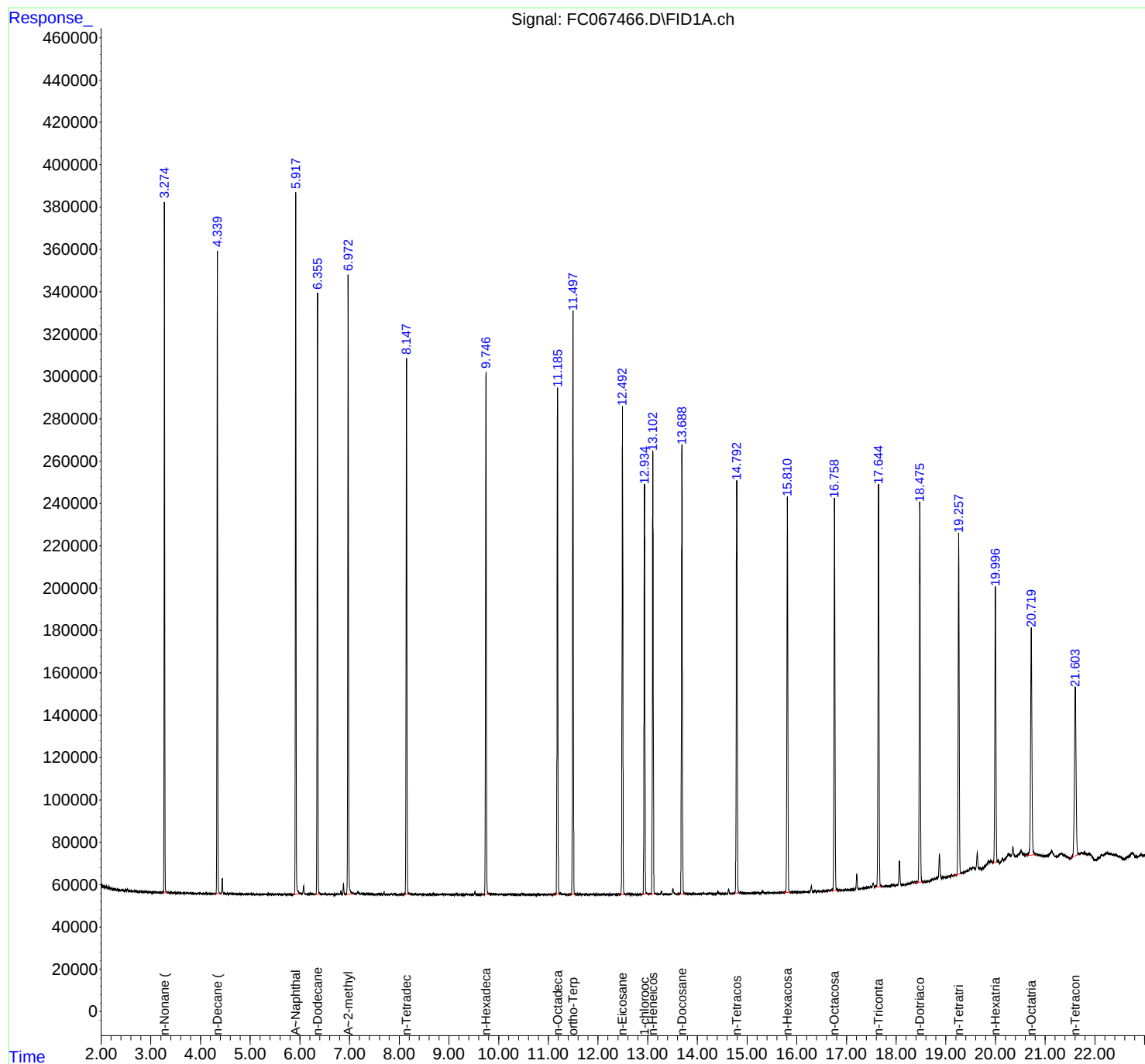
(m)=manual int.

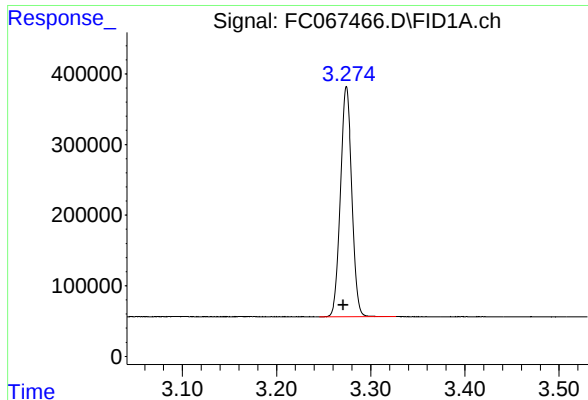
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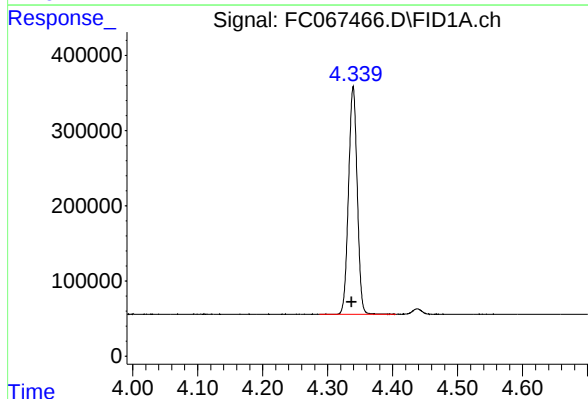




#1 n-Nonane (C9)

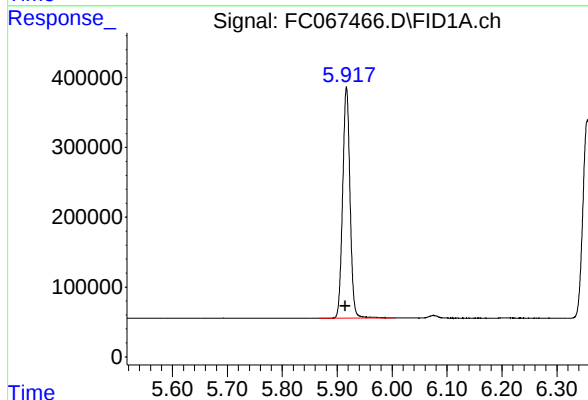
R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 2724970
Conc: 21.50 ug/ml

Instrument :
FID_C
ClientSampleId :



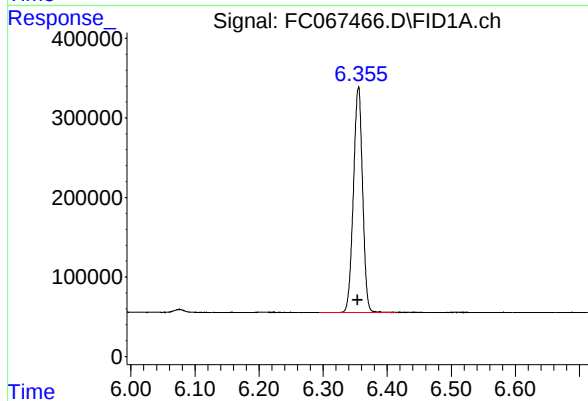
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 2809453
Conc: 21.86 ug/ml



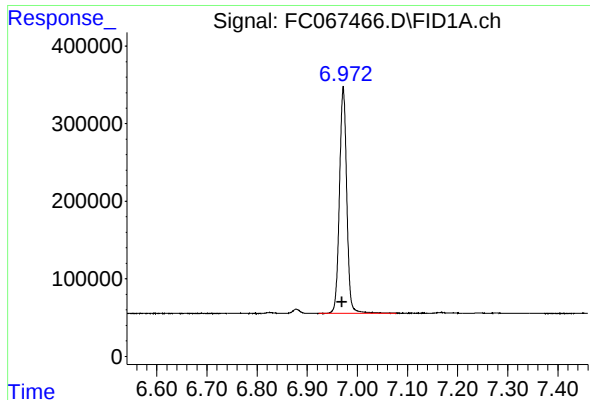
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 3069340
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

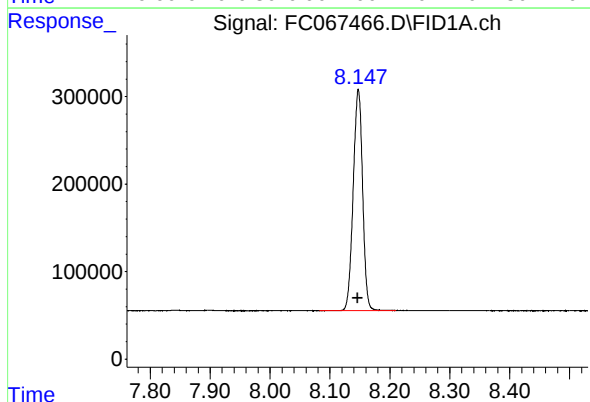
R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 2821622
Conc: 21.74 ug/ml



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

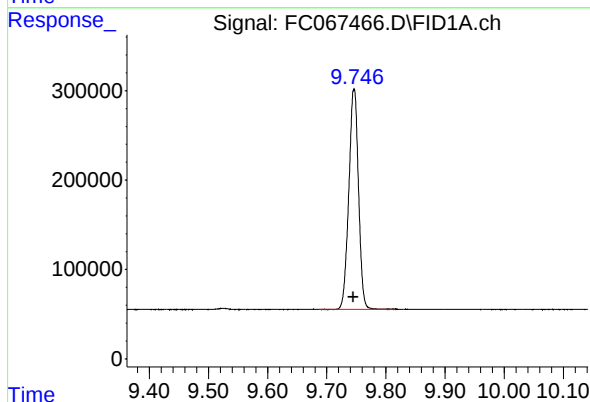
R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 2948723
Conc: 21.49 ug/ml

Instrument :
FID_C
ClientSampleId :



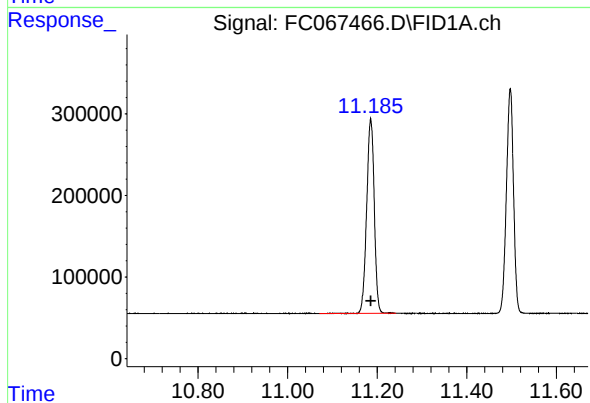
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.001 min
Response: 2758734
Conc: 21.42 ug/ml



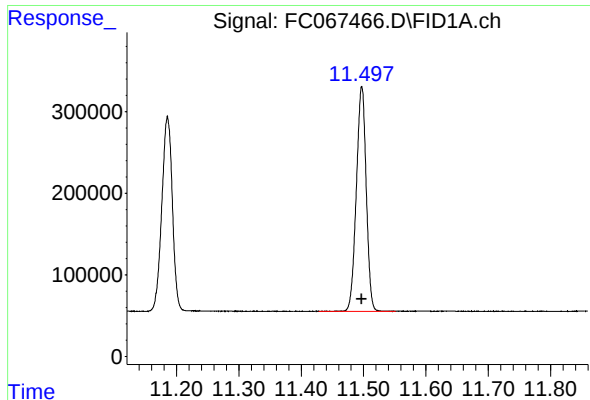
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: 0.001 min
Response: 2799421
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

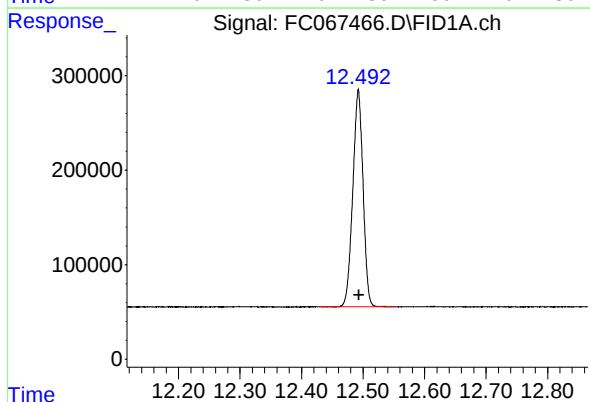
R.T.: 11.186 min
Delta R.T.: 0.000 min
Response: 2795766
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

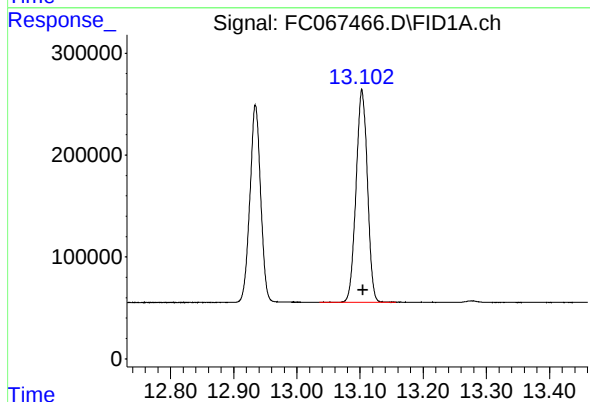
R.T.: 11.497 min
Delta R.T.: 0.000 min
Response: 3032158
Conc: 19.93 ug/ml

Instrument :
FID_C
ClientSampleId :



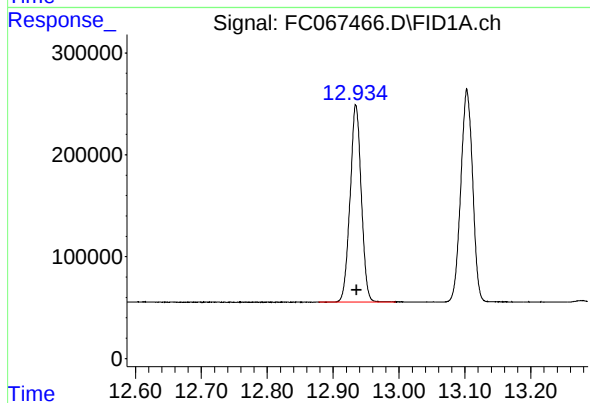
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 2665242
Conc: 20.41 ug/ml



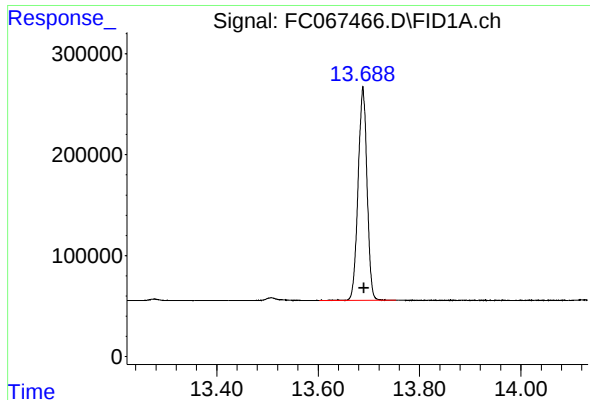
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.001 min
Response: 2600675
Conc: 20.28 ug/ml



#12 1-chlorooctadecane (SURR)

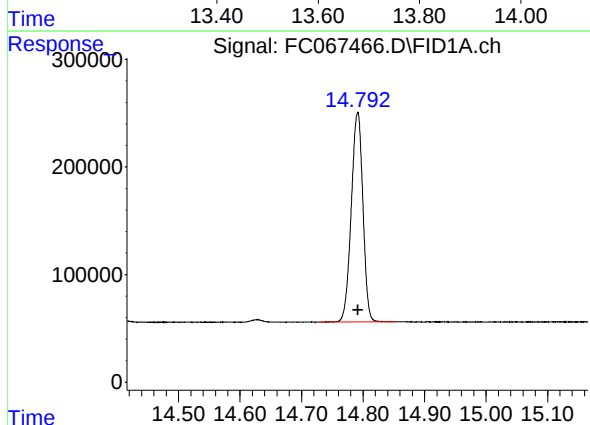
R.T.: 12.935 min
Delta R.T.: -0.001 min
Response: 2286073
Conc: 20.20 ug/ml



#13 n-Docosane (C22)

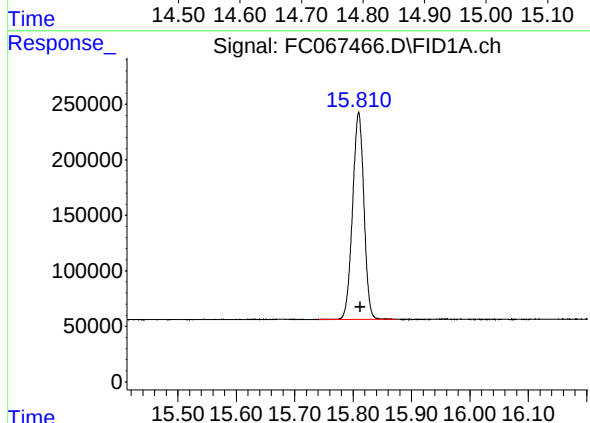
R.T.: 13.688 min
Delta R.T.: -0.002 min
Response: 2583278
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :



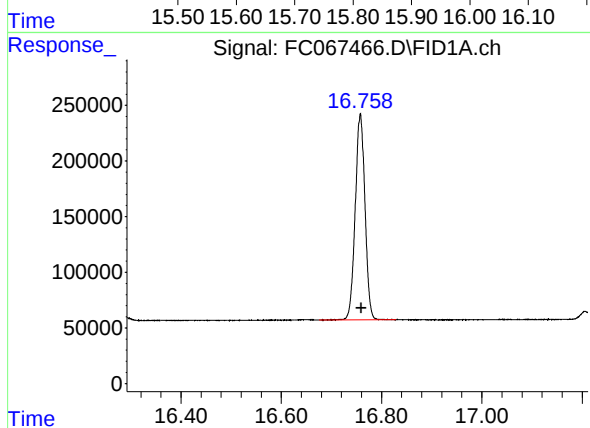
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.000 min
Response: 2555542
Conc: 19.98 ug/ml



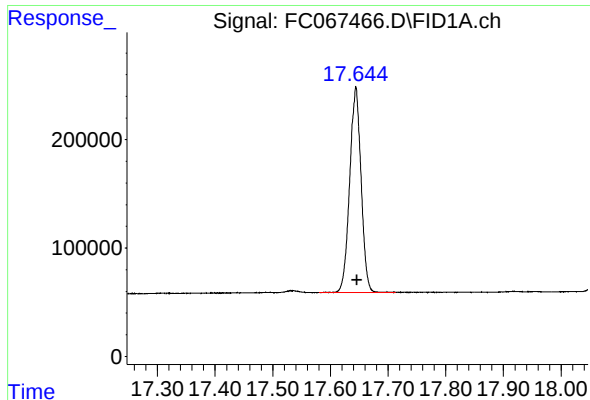
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: -0.003 min
Response: 2513314
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

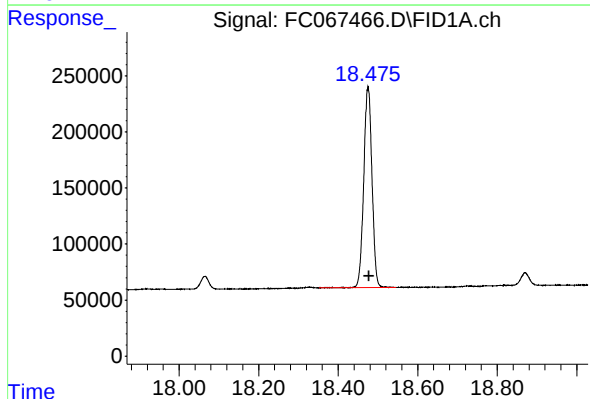
R.T.: 16.758 min
Delta R.T.: -0.002 min
Response: 2502290
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

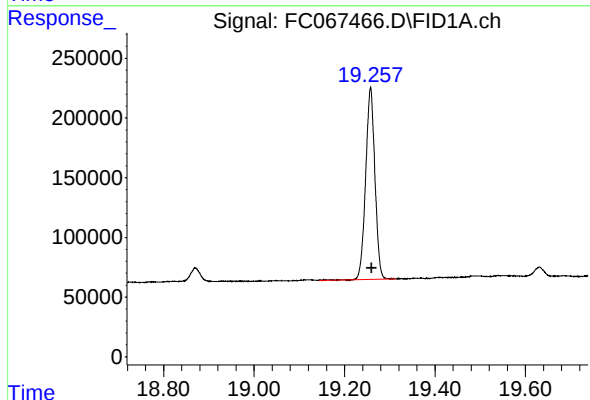
R.T.: 17.644 min
Delta R.T.: -0.002 min
Response: 2604325
Conc: 20.22 ug/ml

Instrument :
FID_C
ClientSampleId :



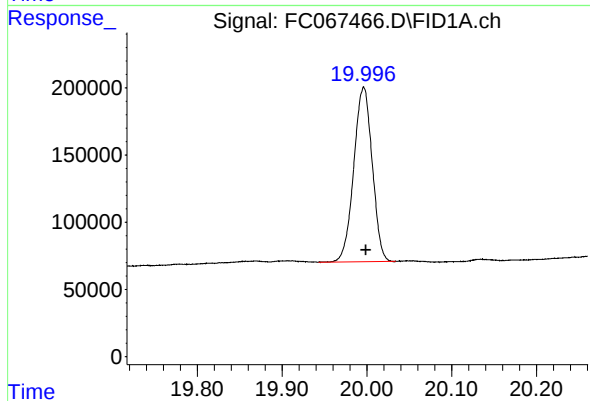
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.002 min
Response: 2581836
Conc: 20.67 ug/ml



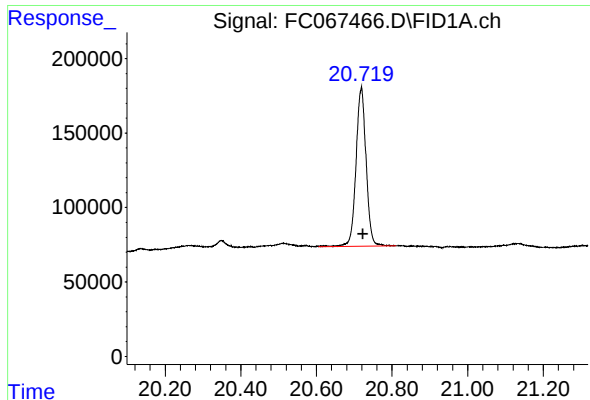
#19 n-Tetatriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.002 min
Response: 2280962
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.996 min
Delta R.T.: -0.003 min
Response: 1961678
Conc: 20.75 ug/ml



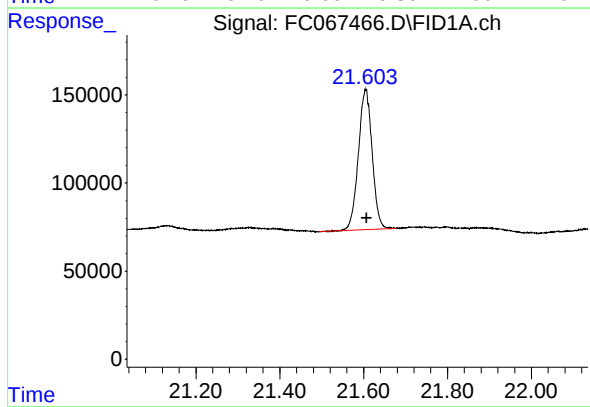
#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.005 min
Response: 1978347
Conc: 22.56 ug/ml

Instrument :

FID_C

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.003 min
Response: 1813638
Conc: 21.08 ug/ml