

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
 Data File : FC066598.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2024 01:43
 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: Jun 13 03:58:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.555	3109619	20.459 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
12) S 1-chlorooctadecane (S...	12.993	2390567	20.920 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
Target Compounds			
1) T n-Nonane (C9)	3.304	2875624	20.547 ug/ml
2) T n-Decane (C10)	4.373	3011380	20.929 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3292658	20.663 ug/ml
4) T n-Dodecane (C12)	6.395	2992168	20.780 ug/ml
5) T A~2-methylnaphthalene...	7.020	3160517	20.608 ug/ml
6) T n-Tetradecane (C14)	8.192	2921091	20.692 ug/ml
7) T n-Hexadecane (C16)	9.795	2987917	20.790 ug/ml
8) T n-Octadecane (C18)	11.238	2970282	20.756 ug/ml
10) T n-Eicosane (C20)	12.549	2836161	20.844 ug/ml
11) T n-Heneicosane (C21)	13.161	2778667	20.845 ug/ml
13) T n-Docosane (C22)	13.748	2783555	21.120 ug/ml
14) T n-Tetracosane (C24)	14.852	2815793	21.631 ug/ml
15) T n-Hexacosane (C26)	15.873	2798056	22.001 ug/ml
16) T n-Octacosane (C28)	16.823	2908045	23.424 ug/ml
17) T n-Tricontane (C30)	17.712	3065627	24.325 ug/ml
18) T n-Dotriacontane (C32)	18.545	3038636	24.689 ug/ml
19) T n-Tetratriacontane (C34)	19.330	3130104	26.101 ug/ml
20) T n-Hexatriacontane (C36)	20.070	3305685	27.285 ug/ml
21) T n-Octatriacontane (C38)	20.807	2734631	23.639 ug/ml
22) T n-Tetracontane (C40)	21.721	3612799	29.494 ug/ml

(f)=RT Delta > 1/2 Window

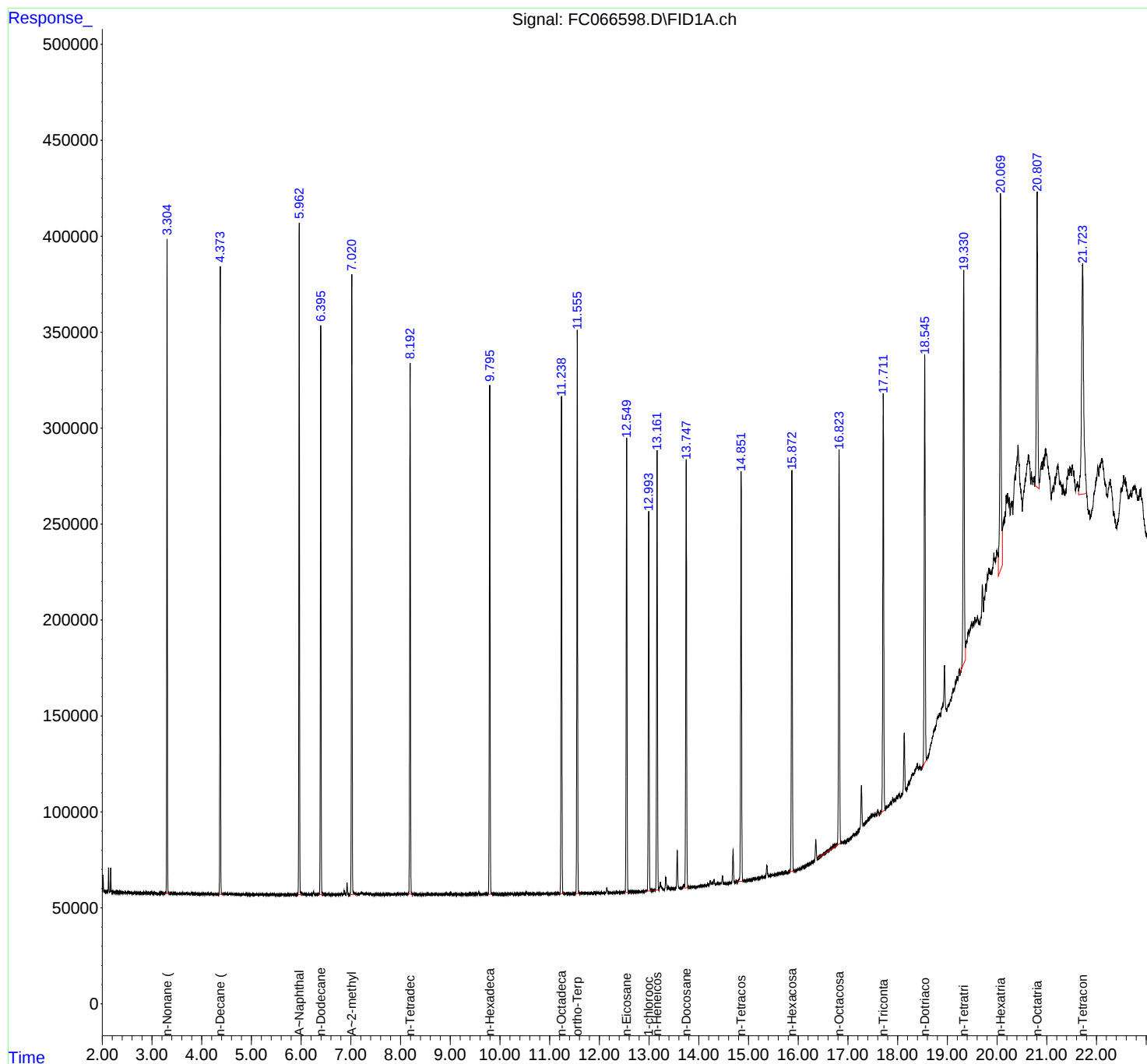
(m)=manual int.

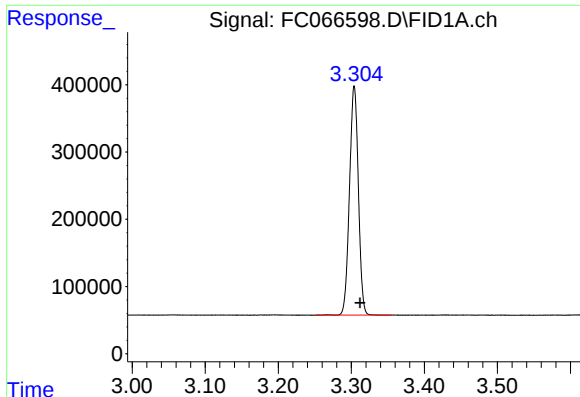
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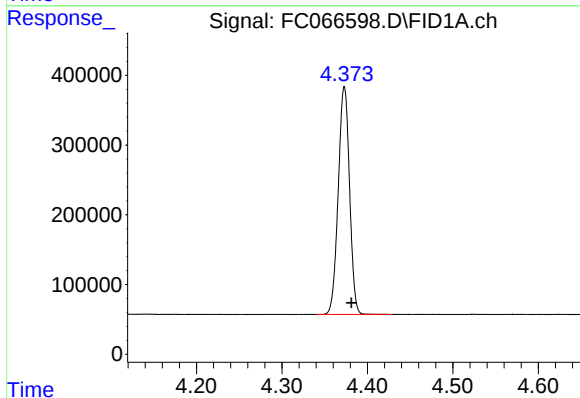




#1 n-Nonane (C9)

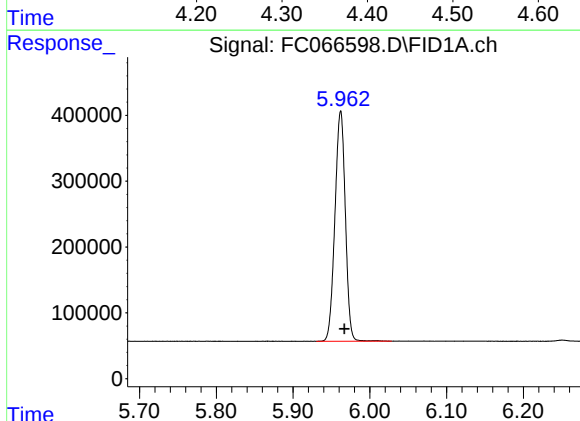
R.T.: 3.304 min
Delta R.T.: -0.008 min
Response: 2875624
Conc: 20.55 ug/ml

Instrument :
FID_C
ClientSampleId :



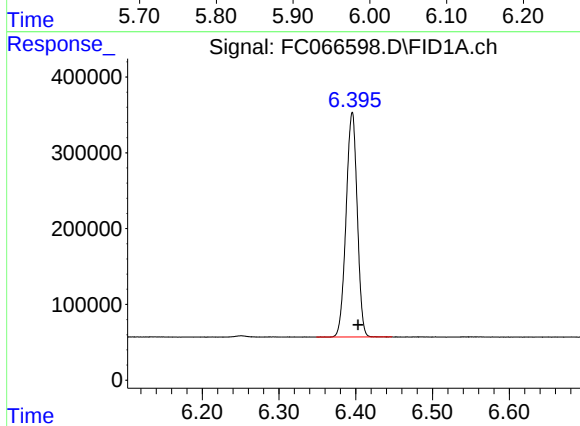
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.008 min
Response: 3011380
Conc: 20.93 ug/ml



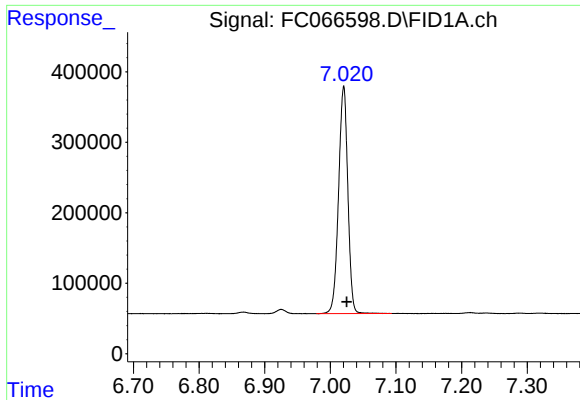
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 3292658
Conc: 20.66 ug/ml



#4 n-Dodecane (C12)

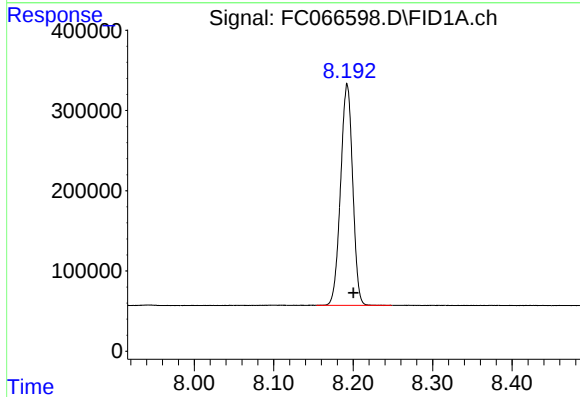
R.T.: 6.395 min
Delta R.T.: -0.008 min
Response: 2992168
Conc: 20.78 ug/ml



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

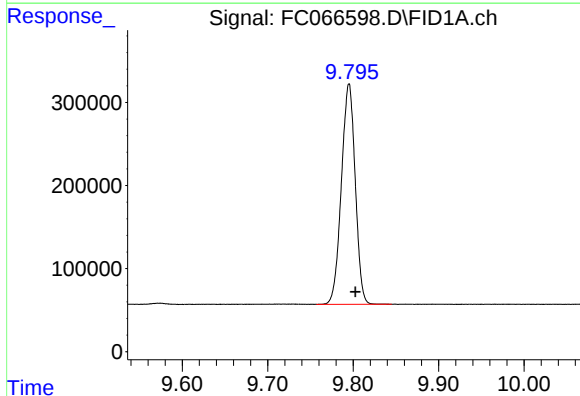
R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 3160517
Conc: 20.61 ug/ml

Instrument :
FID_C
ClientSampleId :



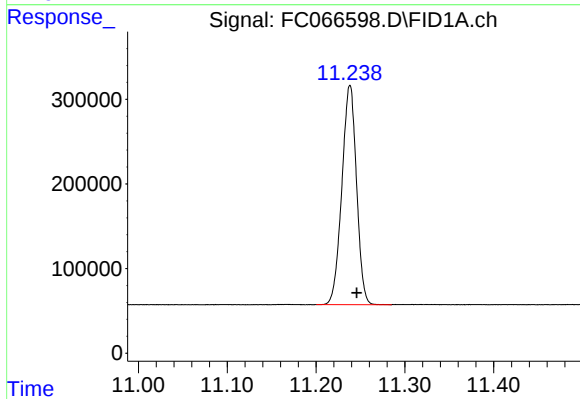
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.008 min
Response: 2921091
Conc: 20.69 ug/ml



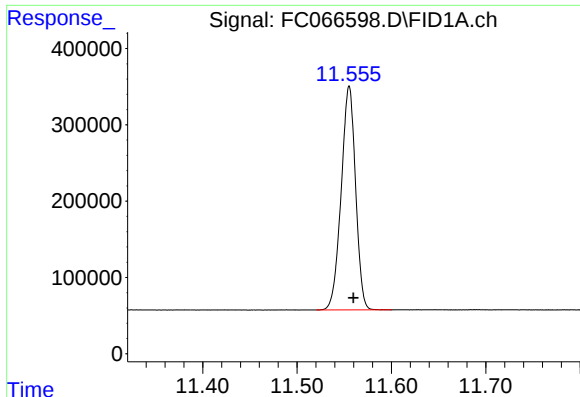
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: -0.008 min
Response: 2987917
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

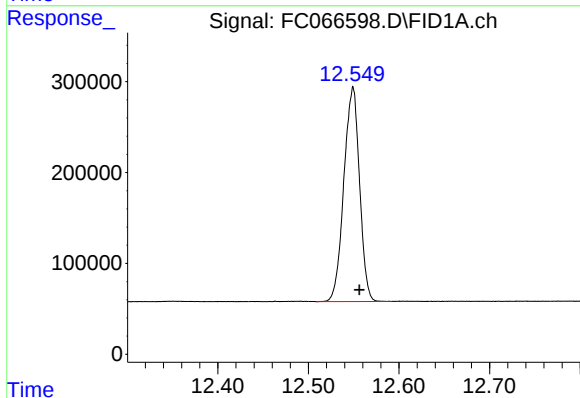
R.T.: 11.238 min
Delta R.T.: -0.008 min
Response: 2970282
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

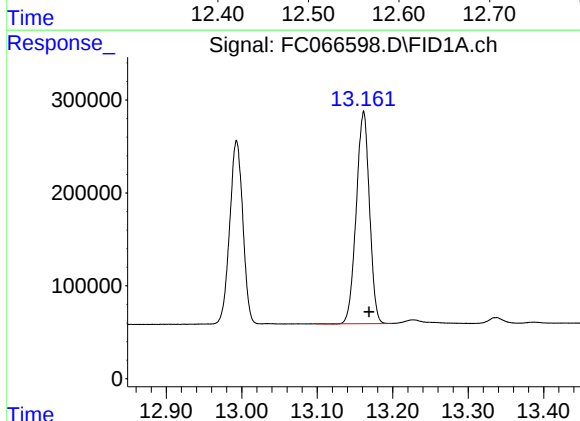
R.T.: 11.555 min
Delta R.T.: -0.005 min
Response: 3109619
Conc: 20.46 ug/ml

Instrument :
FID_C
ClientSampleId :



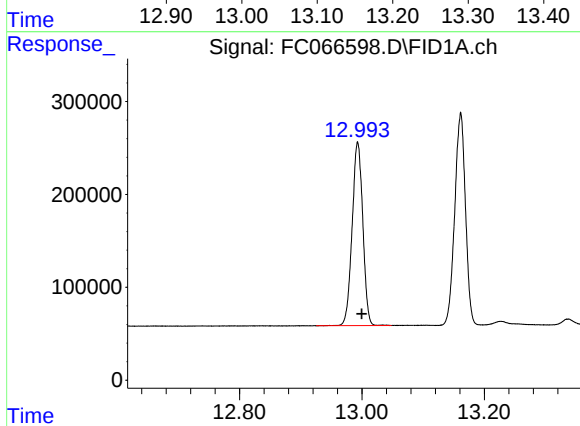
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: -0.007 min
Response: 2836161
Conc: 20.84 ug/ml



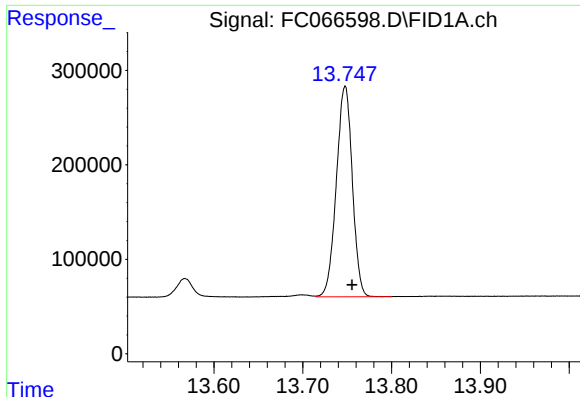
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.007 min
Response: 2778667
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

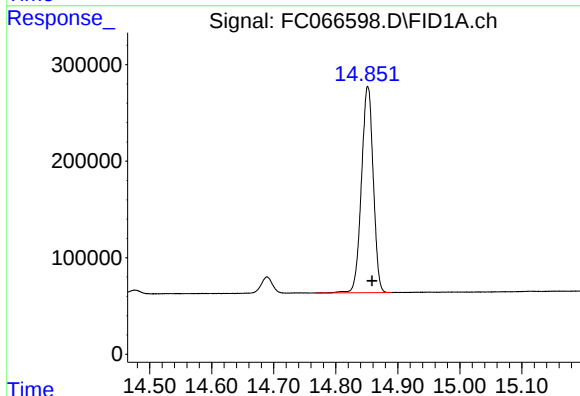
R.T.: 12.993 min
Delta R.T.: -0.007 min
Response: 2390567
Conc: 20.92 ug/ml



#13 n-Docosane (C22)

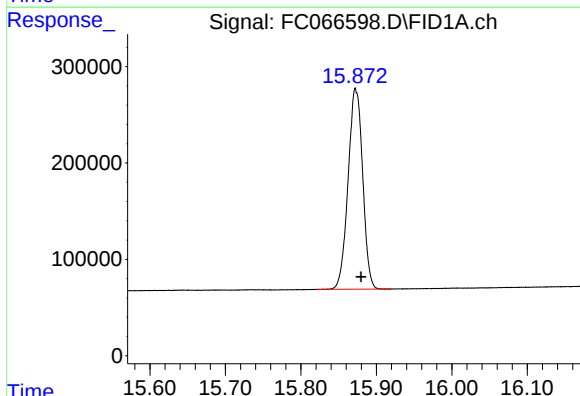
R.T.: 13.748 min
Delta R.T.: -0.008 min
Response: 2783555
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :



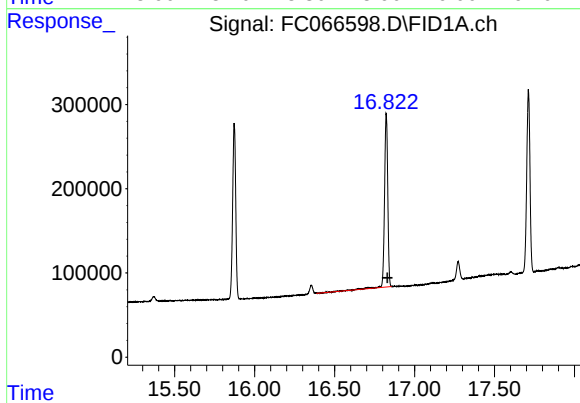
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.007 min
Response: 2815793
Conc: 21.63 ug/ml



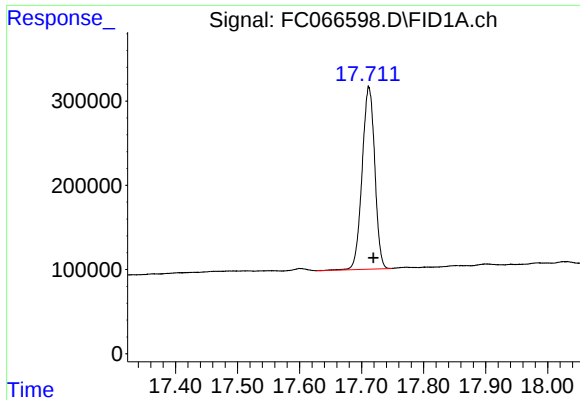
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.007 min
Response: 2798056
Conc: 22.00 ug/ml



#16 n-Octacosane (C28)

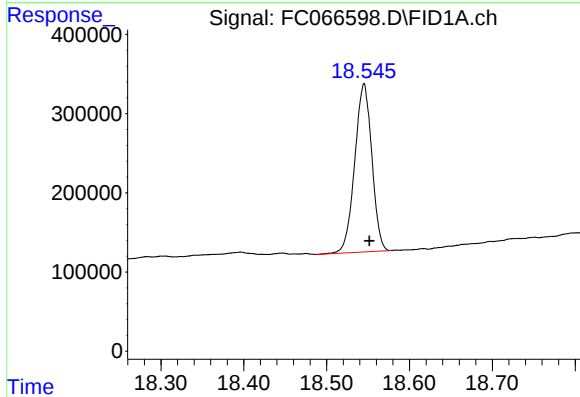
R.T.: 16.823 min
Delta R.T.: -0.007 min
Response: 2908045
Conc: 23.42 ug/ml



#17 n-Tricontane (C30)

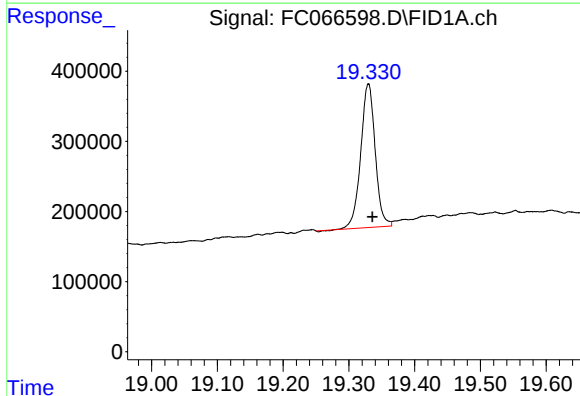
R.T.: 17.712 min
Delta R.T.: -0.007 min
Response: 3065627
Conc: 24.33 ug/ml

Instrument :
FID_C
ClientSampleId :



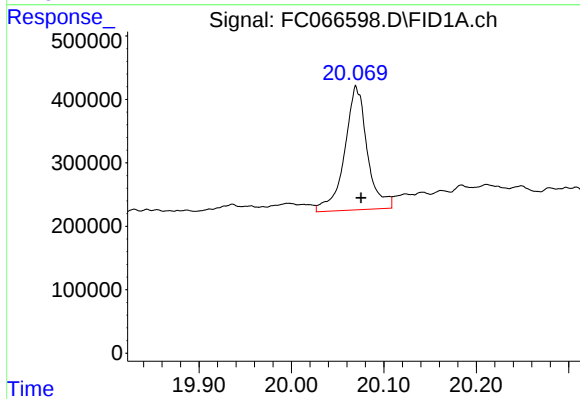
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.007 min
Response: 3038636
Conc: 24.69 ug/ml



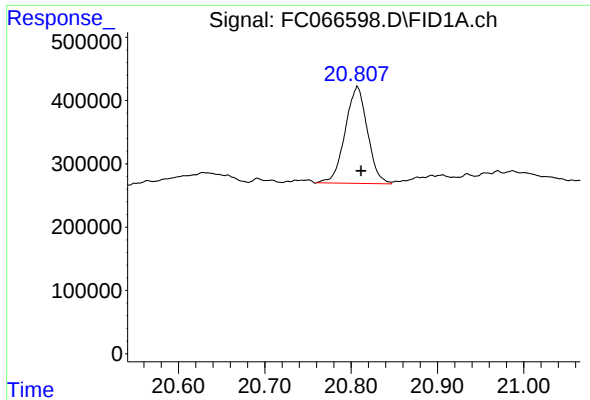
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.006 min
Response: 3130104
Conc: 26.10 ug/ml



#20 n-Hexatriacontane (C36)

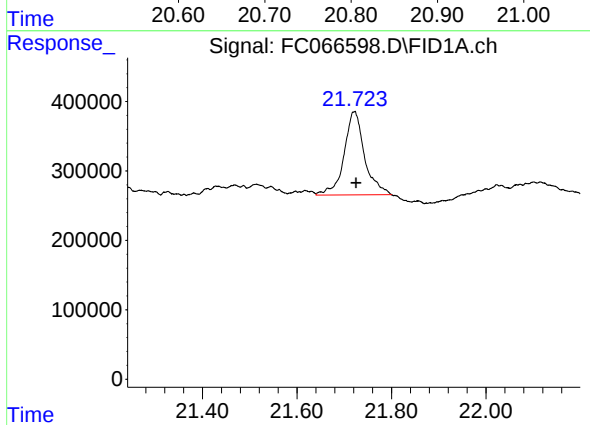
R.T.: 20.070 min
Delta R.T.: -0.005 min
Response: 3305685
Conc: 27.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: -0.005 min
Response: 2734631
Conc: 23.64 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: -0.004 min
Response: 3612799
Conc: 29.49 ug/ml