

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083123AL\
 Data File : FC064463.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 13:52
 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: Sep 01 00:17:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 2023
 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)	11.511	3882807	18.289 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
12) S 1-chlorooctadecane (S...	12.946	2826263	18.536 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
Target Compounds			
1) T n-Nonane (C9)	3.307	3275622	18.559 ug/ml
2) T n-Decane (C10)	4.367	3342877	19.056 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3529142	18.979 ug/ml
4) T n-Dodecane (C12)	6.376	3388644	19.011 ug/ml
5) T A~2-methylnaphthalene...	6.998	3452077	19.406 ug/ml
6) T n-Tetradecane (C14)	8.165	3325492	19.062 ug/ml
7) T n-Hexadecane (C16)	9.761	3327907	19.257 ug/ml
8) T n-Octadecane (C18)	11.198	3295998	18.826 ug/ml
10) T n-Eicosane (C20)	12.503	3140324	18.564 ug/ml
11) T n-Heneicosane (C21)	13.113	3082050	18.466 ug/ml
13) T n-Docosane (C22)	13.697	3012630	18.470 ug/ml
14) T n-Tetracosane (C24)	14.797	2934725	18.429 ug/ml
15) T n-Hexacosane (C26)	15.813	2856595	18.490 ug/ml
16) T n-Octacosane (C28)	16.759	2906798	19.634 ug/ml
17) T n-Tricontane (C30)	17.645	3078069	21.073 ug/ml
18) T n-Dotriacontane (C32)	18.474	3036588	21.497 ug/ml
19) T n-Tetratriacontane (C34)	19.255	2865755	21.448 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2678443	20.932 ug/ml
21) T n-Octatriacontane (C38)	20.713	3443780	28.044 ug/ml
22) T n-Tetracontane (C40)	21.596	2985385	25.707 ug/ml

(f)=RT Delta > 1/2 Window

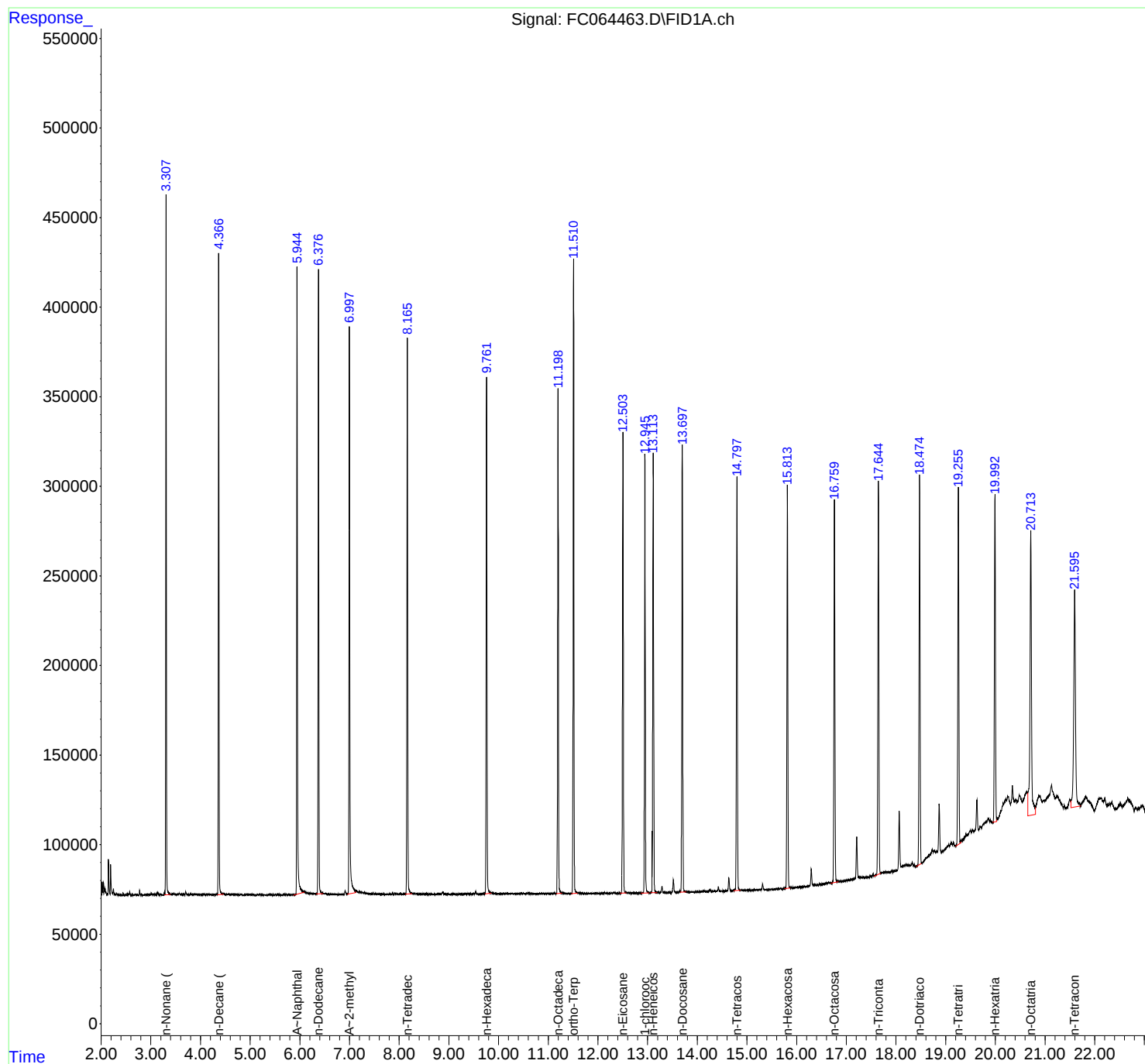
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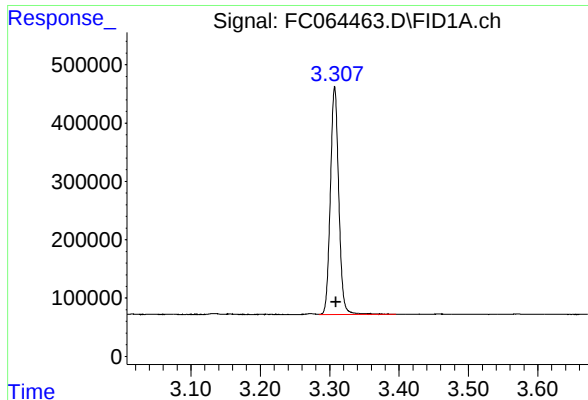
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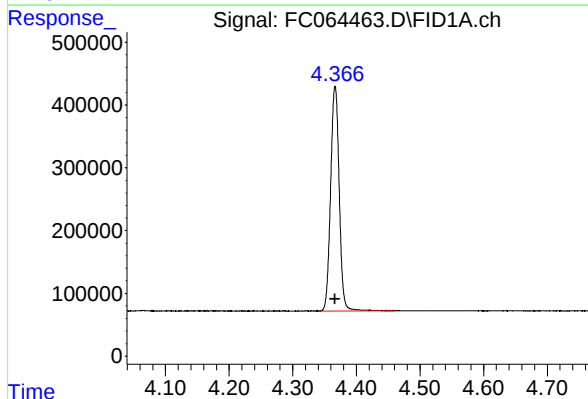




#1 n-Nonane (C9)

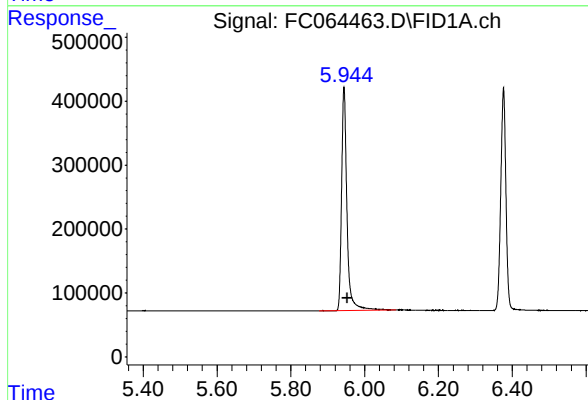
R.T.: 3.307 min
Delta R.T.: -0.002 min
Response: 3275622
Conc: 18.56 ug/ml

Instrument :
FID_C
ClientSampleId :



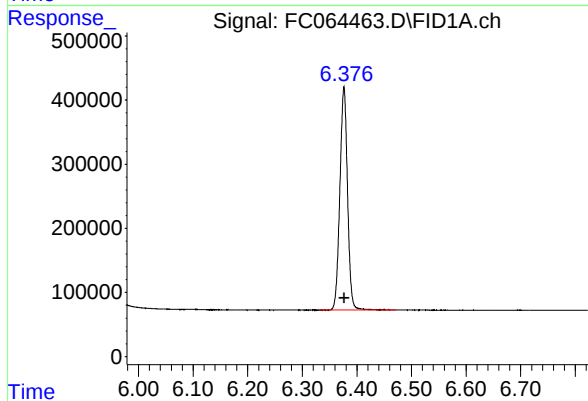
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 3342877
Conc: 19.06 ug/ml



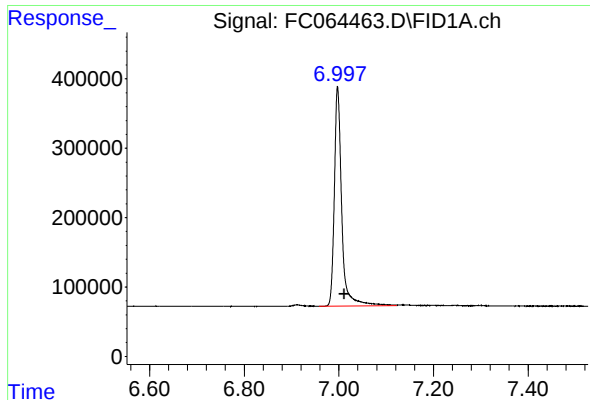
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 3529142
Conc: 18.98 ug/ml



#4 n-Dodecane (C12)

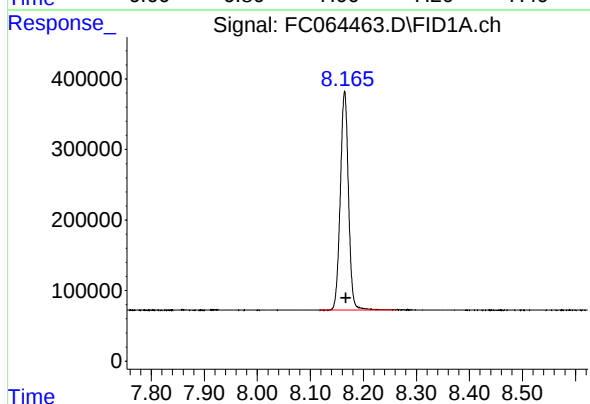
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 3388644
Conc: 19.01 ug/ml



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

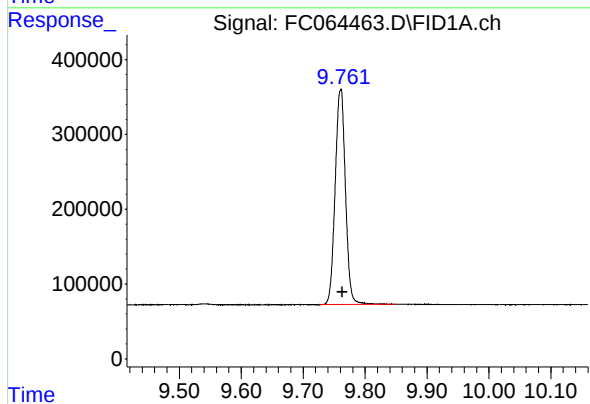
R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 3452077
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :



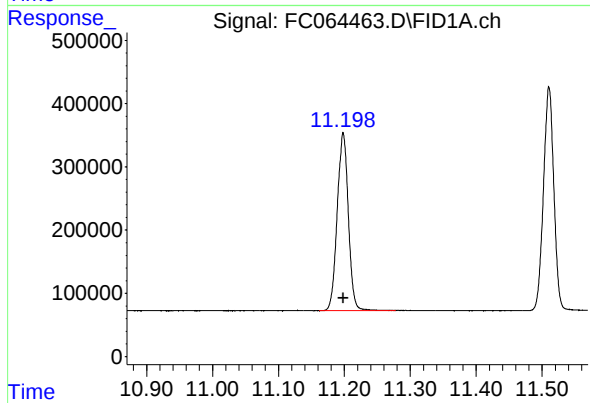
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.003 min
Response: 3325492
Conc: 19.06 ug/ml



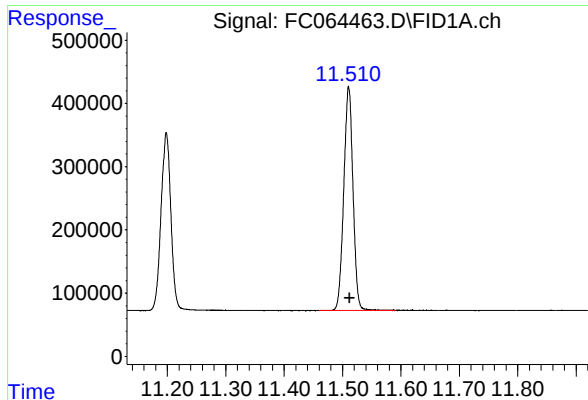
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.003 min
Response: 3327907
Conc: 19.26 ug/ml



#8 n-Octadecane (C18)

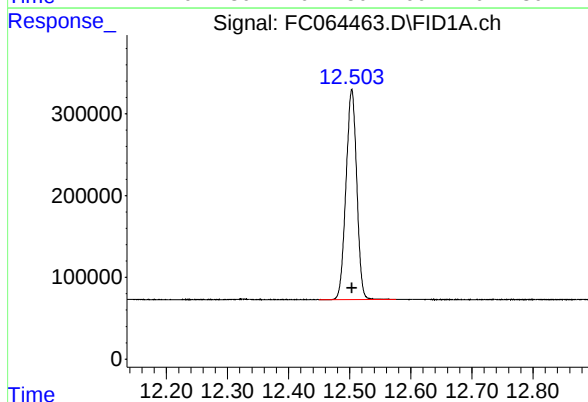
R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 3295998
Conc: 18.83 ug/ml



#9 ortho-Terphenyl (SURR)

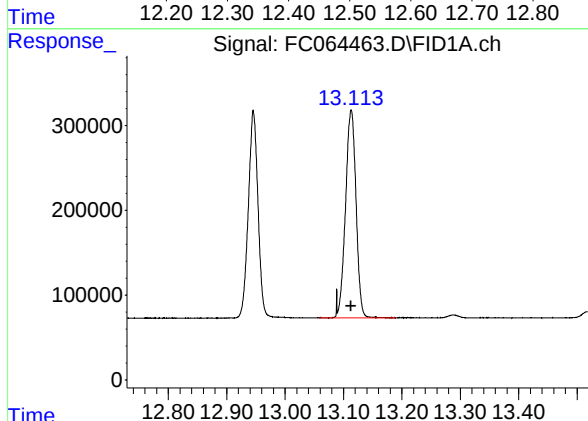
R.T.: 11.511 min
Delta R.T.: -0.001 min
Response: 3882807
Conc: 18.29 ug/ml

Instrument :
FID_C
ClientSampleId :



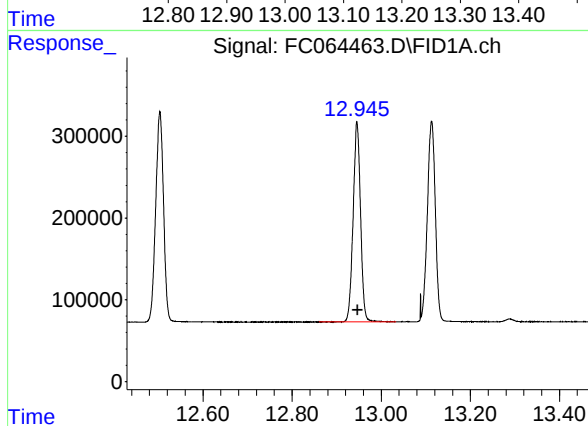
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.000 min
Response: 3140324
Conc: 18.56 ug/ml



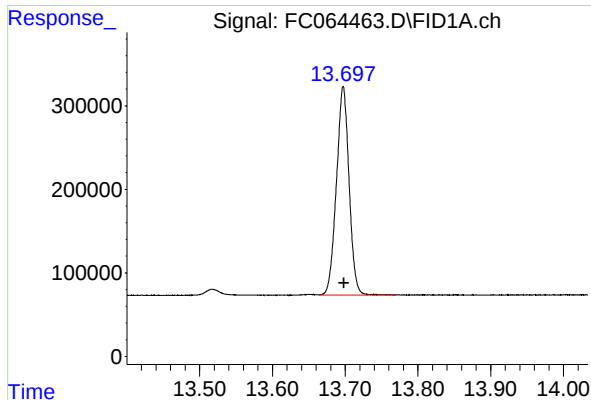
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 3082050
Conc: 18.47 ug/ml



#12 1-chlorooctadecane (SURR)

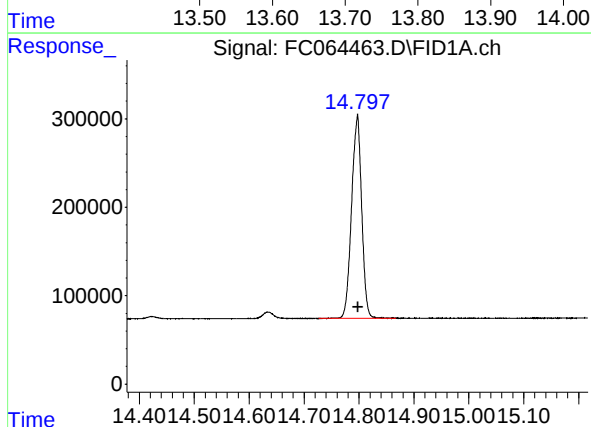
R.T.: 12.946 min
Delta R.T.: -0.002 min
Response: 2826263
Conc: 18.54 ug/ml



#13 n-Docosane (C22)

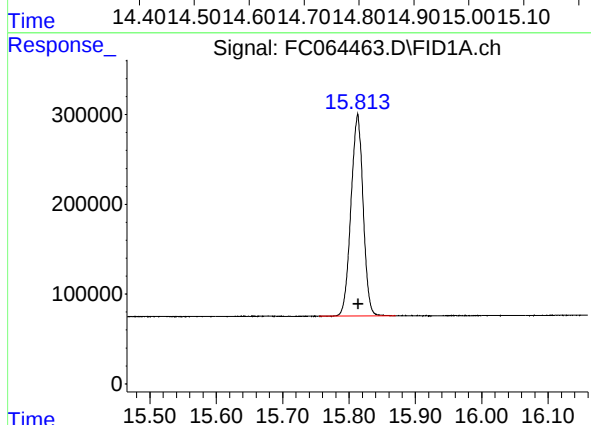
R.T.: 13.697 min
Delta R.T.: 0.000 min
Response: 3012630
Conc: 18.47 ug/ml

Instrument :
FID_C
ClientSampleId :



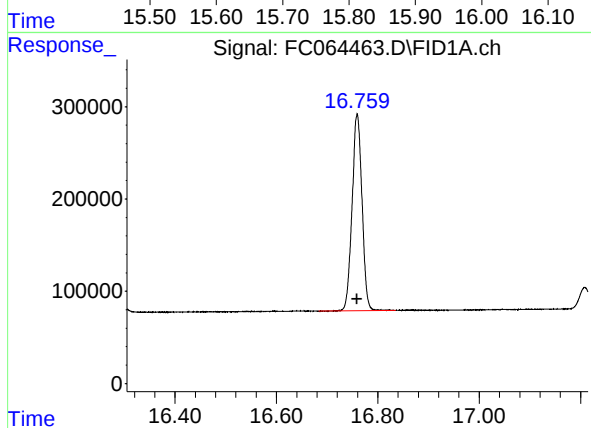
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.001 min
Response: 2934725
Conc: 18.43 ug/ml



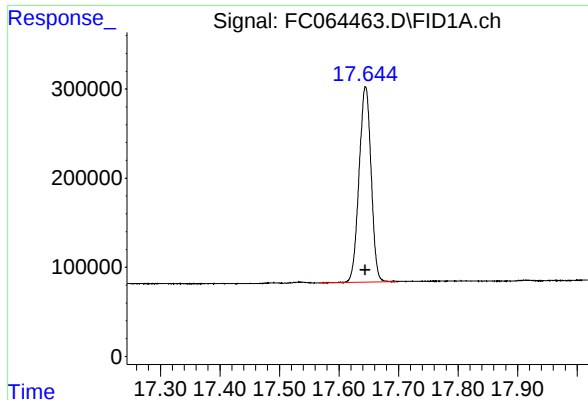
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: -0.001 min
Response: 2856595
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

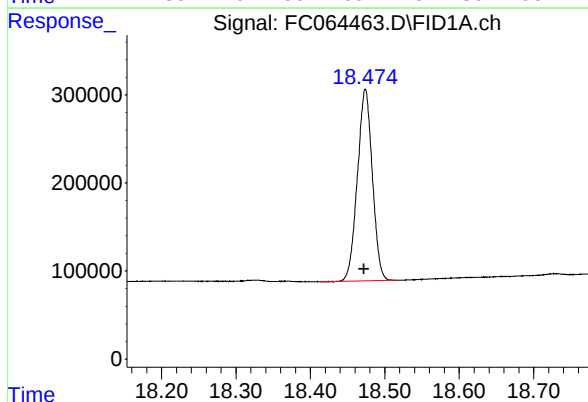
R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 2906798
Conc: 19.63 ug/ml



#17 n-Tricontane (C30)

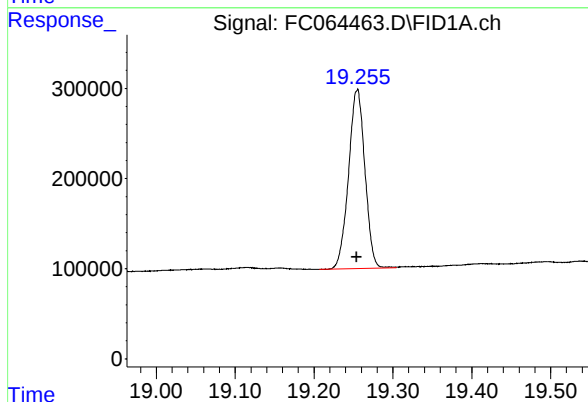
R.T.: 17.645 min
Delta R.T.: 0.000 min
Response: 3078069
Conc: 21.07 ug/ml

Instrument :
FID_C
ClientSampleId :



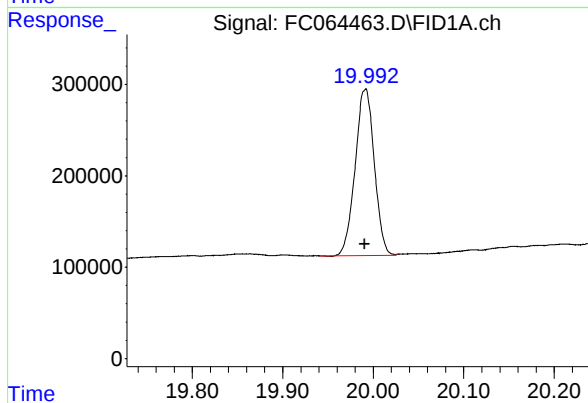
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.002 min
Response: 3036588
Conc: 21.50 ug/ml



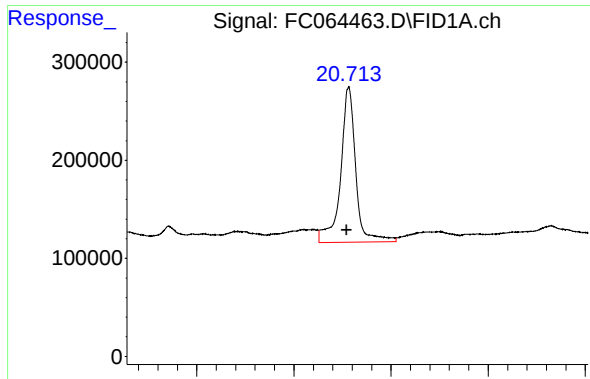
#19 n-Tetatriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.000 min
Response: 2865755
Conc: 21.45 ug/ml



#20 n-Hexatriacontane (C36)

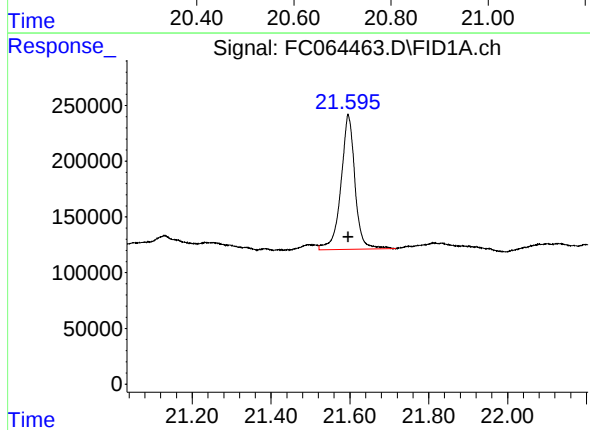
R.T.: 19.991 min
Delta R.T.: 0.001 min
Response: 2678443
Conc: 20.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.004 min
Response: 3443780
Conc: 28.04 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.000 min
Response: 2985385
Conc: 25.71 ug/ml