

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071823AL\
 Data File : FC064161.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 11:54
 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: Jul 19 16:02:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.515	3938528	20.285 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
12) S 1-chlorooctadecane (S...	12.950	2843978	20.441 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
Target Compounds			
1) T n-Nonane (C9)	3.304	3519350	19.733 ug/ml
2) T n-Decane (C10)	4.365	3563787	19.694 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3653827	19.588 ug/ml
4) T n-Dodecane (C12)	6.378	3554397	19.730 ug/ml
5) T A~2-methylnaphthalene...	7.000	3478426	19.765 ug/ml
6) T n-Tetradecane (C14)	8.169	3448365	19.934 ug/ml
7) T n-Hexadecane (C16)	9.764	3495179	20.121 ug/ml
8) T n-Octadecane (C18)	11.202	3506069	20.343 ug/ml
10) T n-Eicosane (C20)	12.508	3314134	20.301 ug/ml
11) T n-Heneicosane (C21)	13.117	3229939	20.159 ug/ml
13) T n-Docosane (C22)	13.702	3174469	20.202 ug/ml
14) T n-Tetracosane (C24)	14.801	3125953	19.832 ug/ml
15) T n-Hexacosane (C26)	15.819	3055004	20.220 ug/ml
16) T n-Octacosane (C28)	16.765	3026086	20.083 ug/ml
17) T n-Tricontane (C30)	17.650	3191513	20.442 ug/ml
18) T n-Dotriacontane (C32)	18.479	3246439	20.550 ug/ml
19) T n-Tetratriacontane (C34)	19.259	3180556	20.669 ug/ml
20) T n-Hexatriacontane (C36)	19.996	3068254	20.782 ug/ml
21) T n-Octatriacontane (C38)	20.719	3030488	20.459 ug/ml
22) T n-Tetracontane (C40)	21.603	2974903	20.410 ug/ml

(f)=RT Delta > 1/2 Window

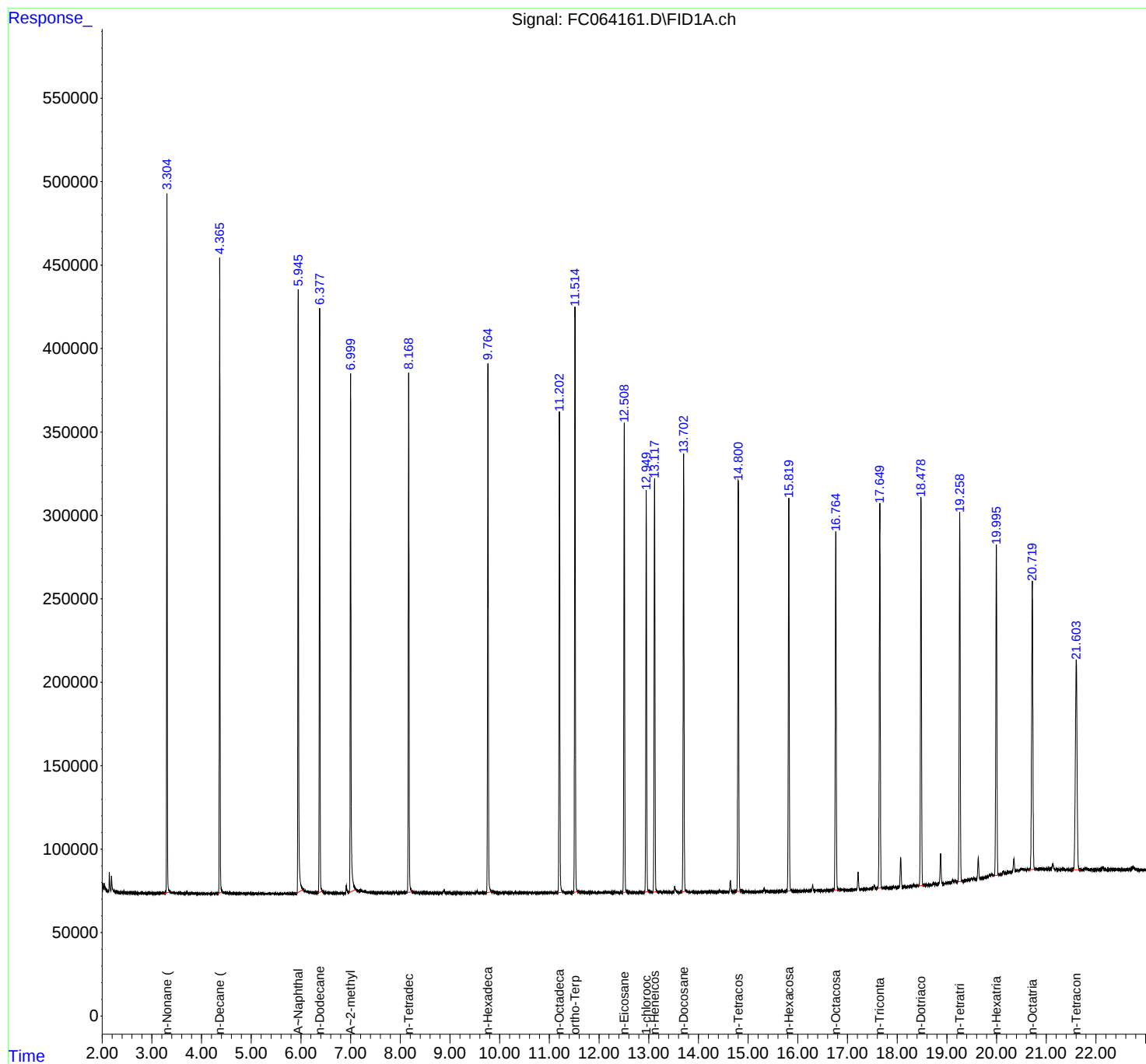
(m)=manual int.

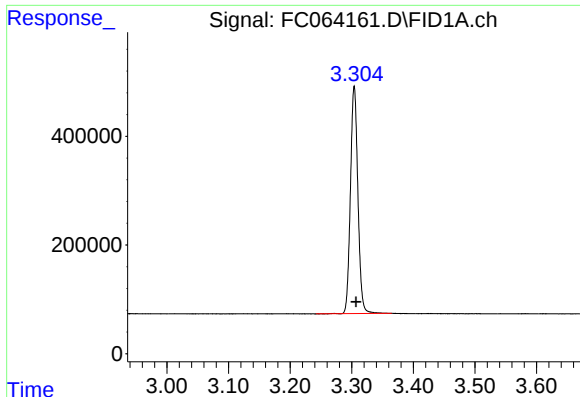
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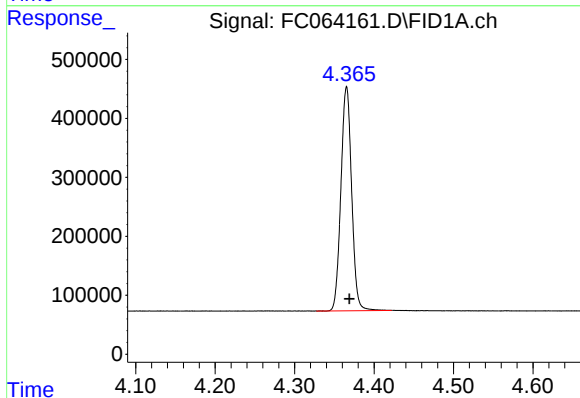




#1 n-Nonane (C9)

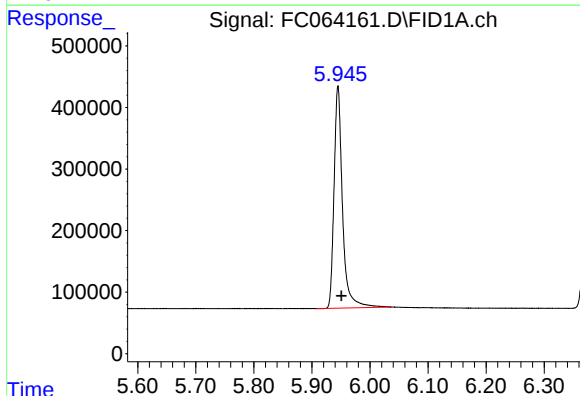
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3519350
Conc: 19.73 ug/ml

Instrument :
FID_C
ClientSampleId :



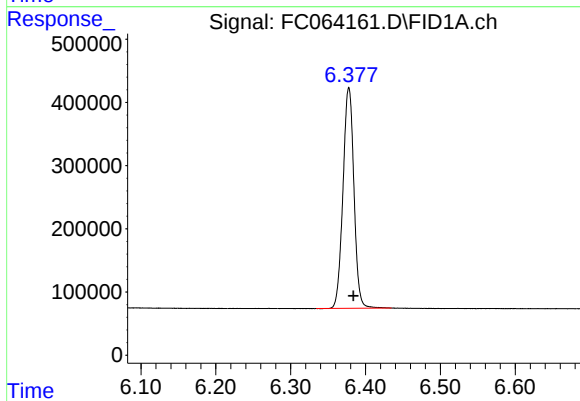
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3563787
Conc: 19.69 ug/ml



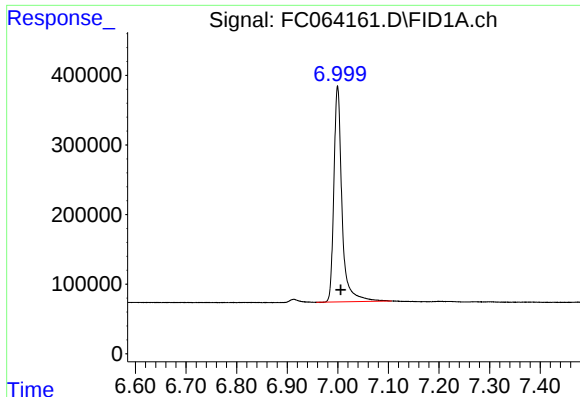
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 3653827
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

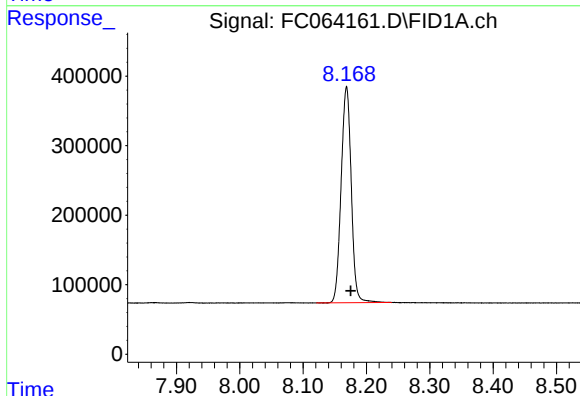
R.T.: 6.378 min
Delta R.T.: -0.006 min
Response: 3554397
Conc: 19.73 ug/ml



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

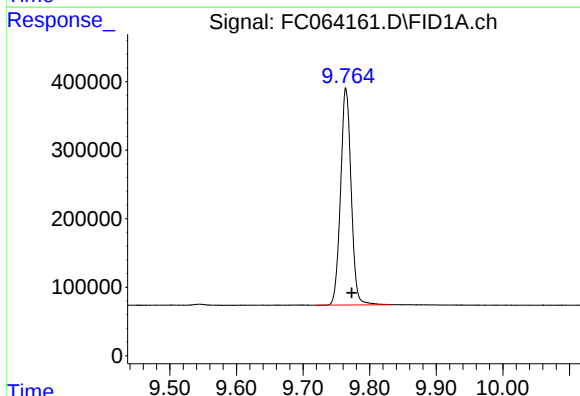
R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 3478426
Conc: 19.76 ug/ml

Instrument :
FID_C
ClientSampleId :



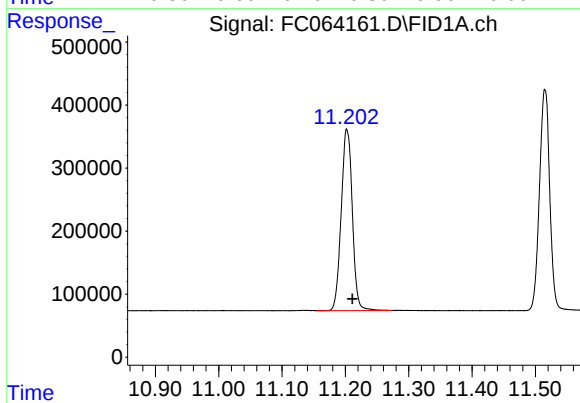
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.007 min
Response: 3448365
Conc: 19.93 ug/ml



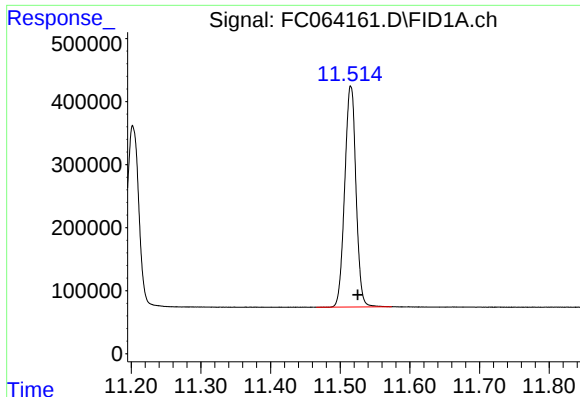
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.009 min
Response: 3495179
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

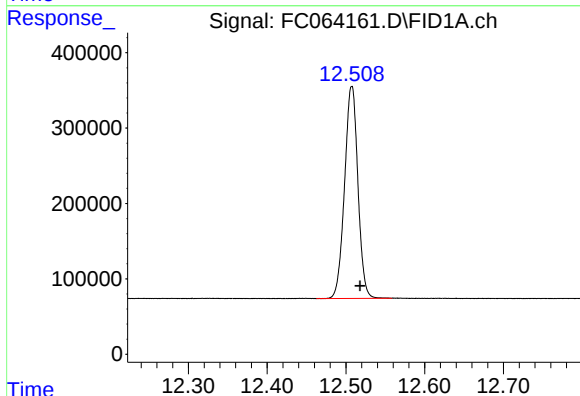
R.T.: 11.202 min
Delta R.T.: -0.009 min
Response: 3506069
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

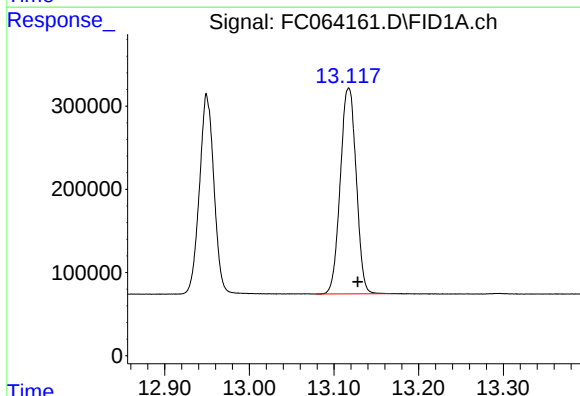
R.T.: 11.515 min
Delta R.T.: -0.010 min
Response: 3938528
Conc: 20.28 ug/ml

Instrument :
FID_C
ClientSampleId :



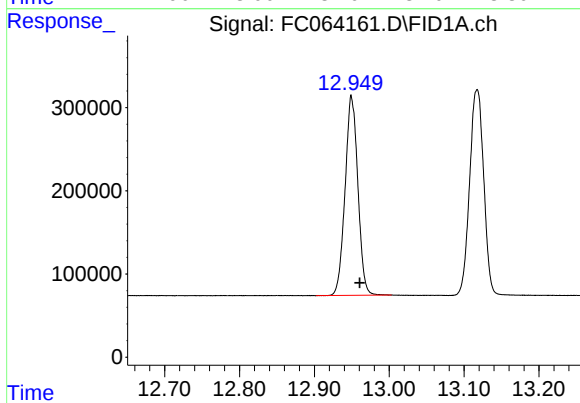
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.011 min
Response: 3314134
Conc: 20.30 ug/ml



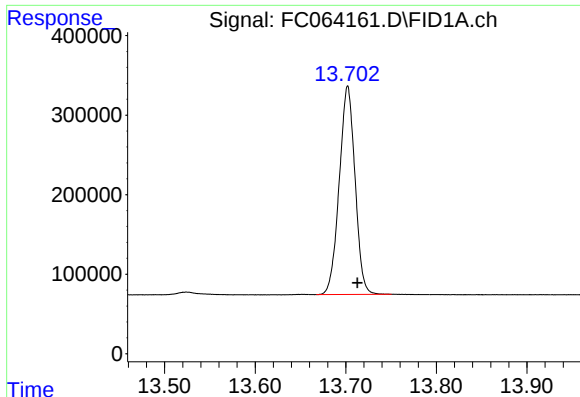
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: -0.011 min
Response: 3229939
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

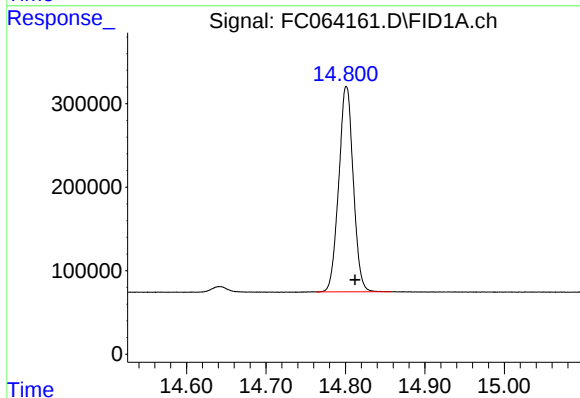
R.T.: 12.950 min
Delta R.T.: -0.011 min
Response: 2843978
Conc: 20.44 ug/ml



#13 n-Docosane (C22)

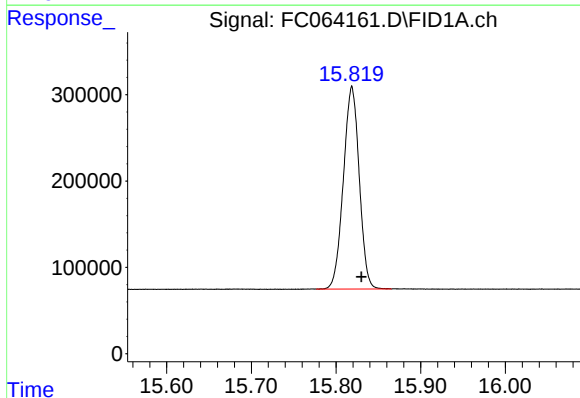
R.T.: 13.702 min
Delta R.T.: -0.011 min
Response: 3174469
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :



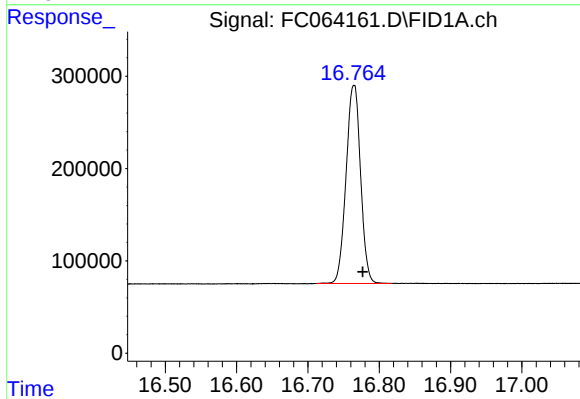
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.011 min
Response: 3125953
Conc: 19.83 ug/ml



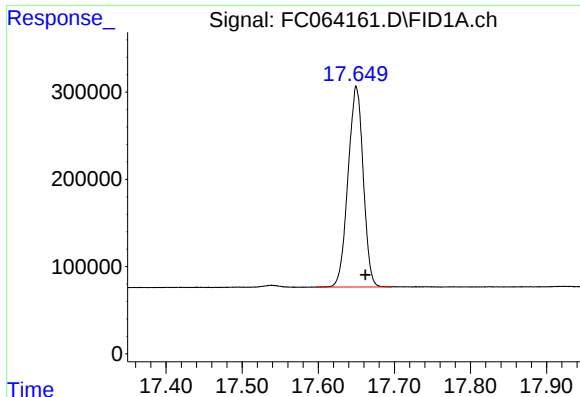
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.011 min
Response: 3055004
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

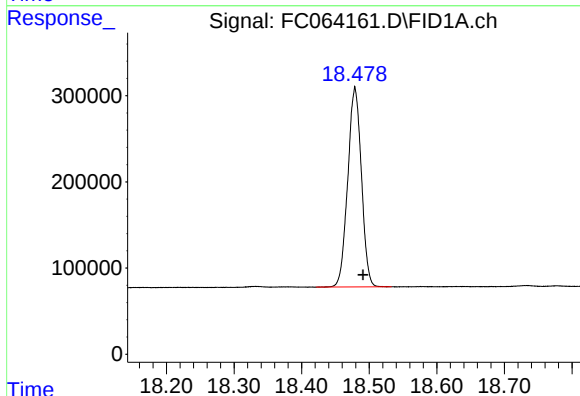
R.T.: 16.765 min
Delta R.T.: -0.012 min
Response: 3026086
Conc: 20.08 ug/ml



#17 n-Tricontane (C30)

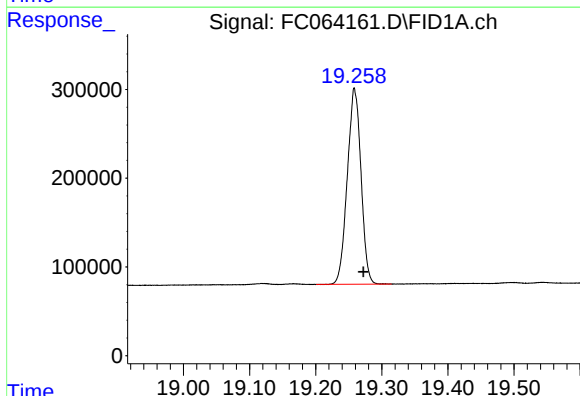
R.T.: 17.650 min
Delta R.T.: -0.012 min
Response: 3191513
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :



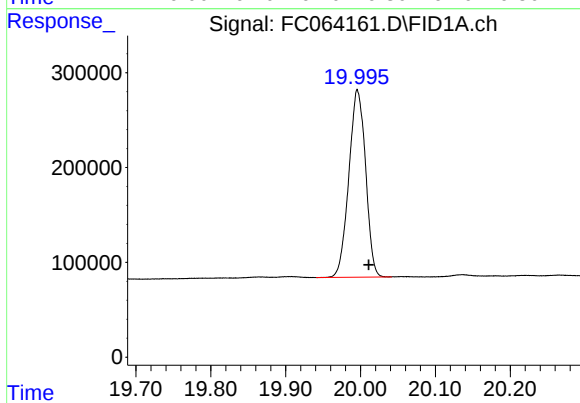
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: -0.012 min
Response: 3246439
Conc: 20.55 ug/ml



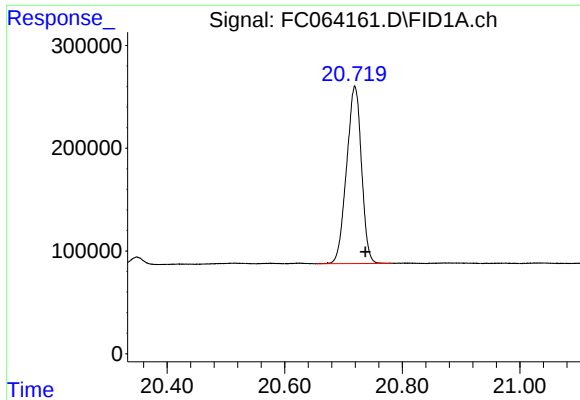
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: -0.014 min
Response: 3180556
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

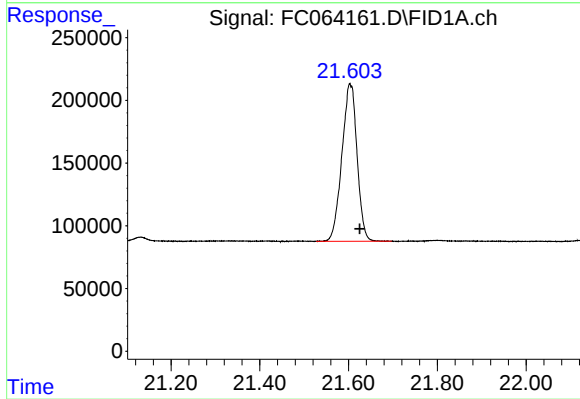
R.T.: 19.996 min
Delta R.T.: -0.015 min
Response: 3068254
Conc: 20.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: -0.018 min
Response: 3030488
Conc: 20.46 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: -0.023 min
Response: 2974903
Conc: 20.41 ug/ml