

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100223AL\
 Data File : FC064692.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2023 11:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 00:21:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 Qlast Update : Fri Sep 15 01:25:53 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)	11.521	4603831	22.752 ug/ml
Spiked Amount 50.000		Recovery =	45.50%
12) S 1-chlorooctadecane (S...	12.953	3240219	22.246 ug/ml
Spiked Amount 50.000		Recovery =	44.49%
Target Compounds			
1) T n-Nonane (C9)	3.321	4020844	22.753 ug/ml
2) T n-Decane (C10)	4.381	4067080	22.639 ug/ml
3) T A~Naphthalene (C11.7)	5.962	4266010	22.708 ug/ml
4) T n-Dodecane (C12)	6.391	4121238	22.689 ug/ml
5) T A~2-methylnaphthalene...	7.015	4045532	22.685 ug/ml
6) T n-Tetradecane (C14)	8.179	4013866	22.621 ug/ml
7) T n-Hexadecane (C16)	9.772	3993743	22.218 ug/ml
8) T n-Octadecane (C18)	11.208	3965252	21.901 ug/ml
10) T n-Eicosane (C20)	12.511	3772075	22.144 ug/ml
11) T n-Heneicosane (C21)	13.119	3688899	22.272 ug/ml
13) T n-Docosane (C22)	13.703	3585553	22.009 ug/ml
14) T n-Tetracosane (C24)	14.799	3421670	21.553 ug/ml
15) T n-Hexacosane (C26)	15.815	3252816	21.309 ug/ml
16) T n-Octacosane (C28)	16.761	3097539	20.930 ug/ml
17) T n-Tricontane (C30)	17.644	3068501	20.655 ug/ml
18) T n-Dotriacontane (C32)	18.471	3003192	20.578 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2889784	20.327 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2792120	20.272 ug/ml
21) T n-Octatriacontane (C38)	20.710	2600289	18.973 ug/ml
22) T n-Tetracontane (C40)	21.591	2339224	17.197 ug/ml

(f)=RT Delta > 1/2 Window

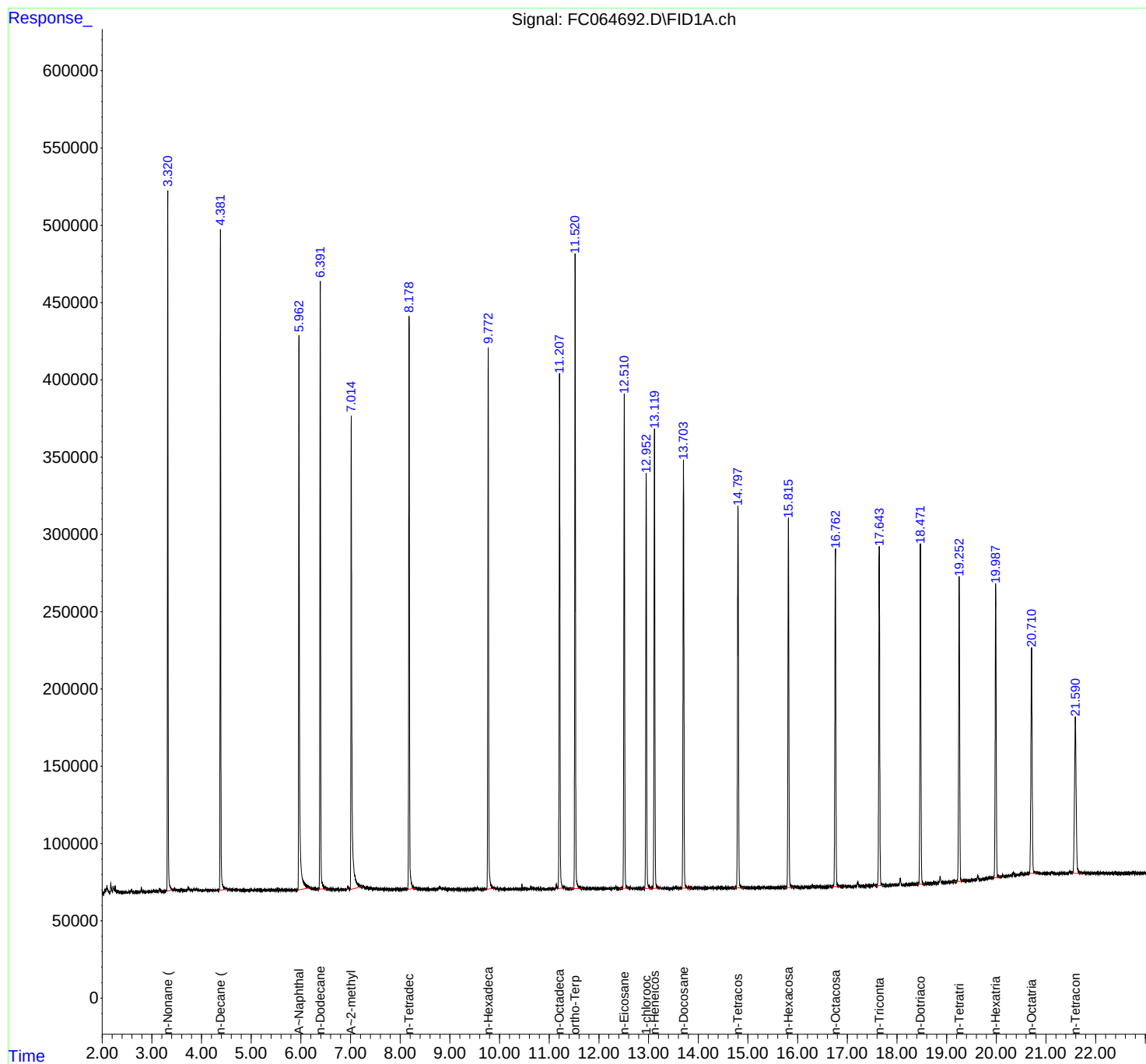
(m)=manual int.

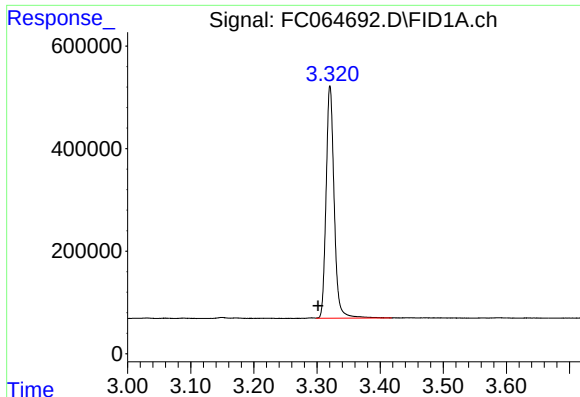
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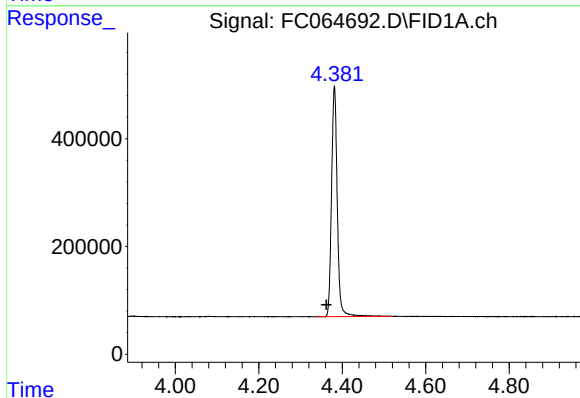




#1 n-Nonane (C9)

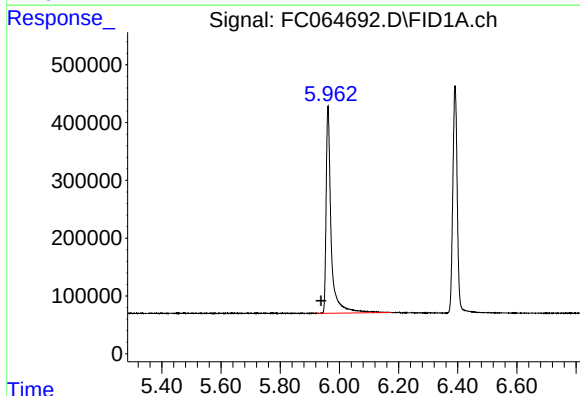
R.T.: 3.321 min
Delta R.T.: 0.019 min
Response: 4020844
Conc: 22.75 ug/ml

Instrument :
FID_C
ClientSampleId :



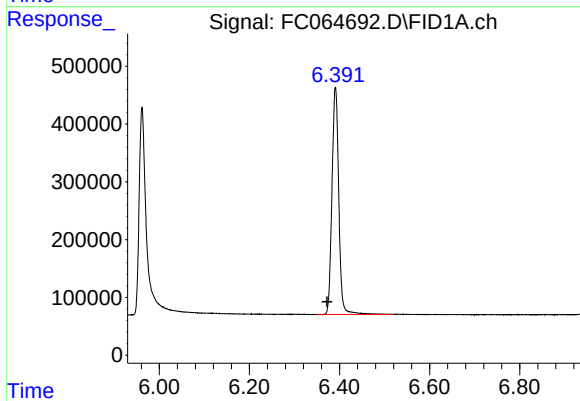
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.019 min
Response: 4067080
Conc: 22.64 ug/ml



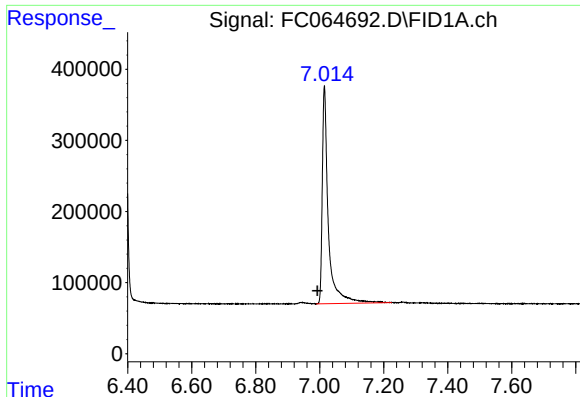
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.023 min
Response: 4266010
Conc: 22.71 ug/ml



#4 n-Dodecane (C12)

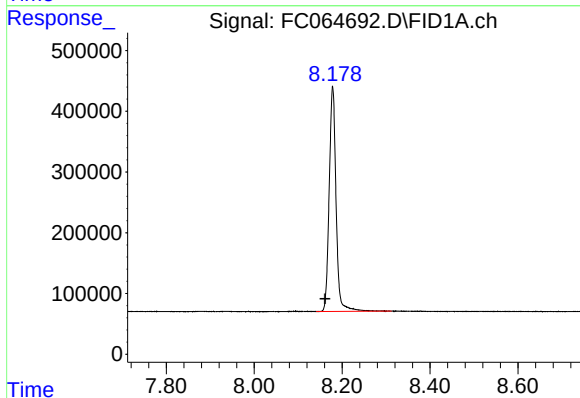
R.T.: 6.391 min
Delta R.T.: 0.019 min
Response: 4121238
Conc: 22.69 ug/ml



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

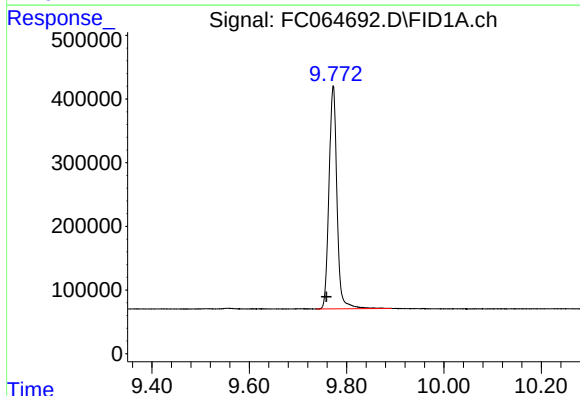
R.T.: 7.015 min
Delta R.T.: 0.022 min
Response: 4045532
Conc: 22.69 ug/ml

Instrument :
FID_C
ClientSampleId :



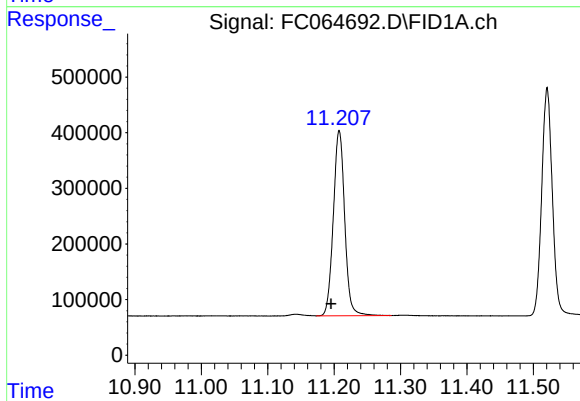
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.017 min
Response: 4013866
Conc: 22.62 ug/ml



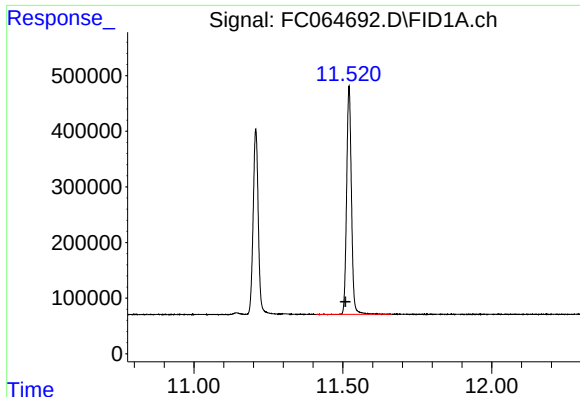
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.014 min
Response: 3993743
Conc: 22.22 ug/ml



#8 n-Octadecane (C18)

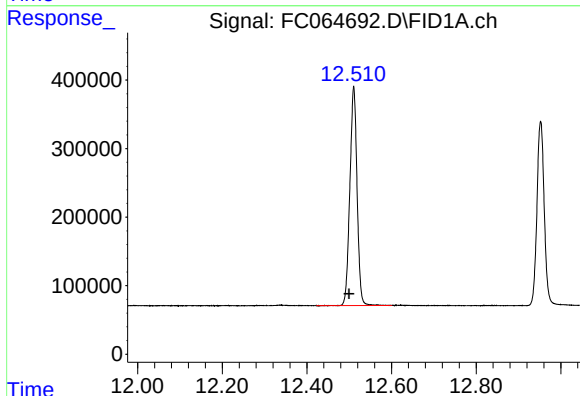
R.T.: 11.208 min
Delta R.T.: 0.012 min
Response: 3965252
Conc: 21.90 ug/ml



#9 ortho-Terphenyl (SURR)

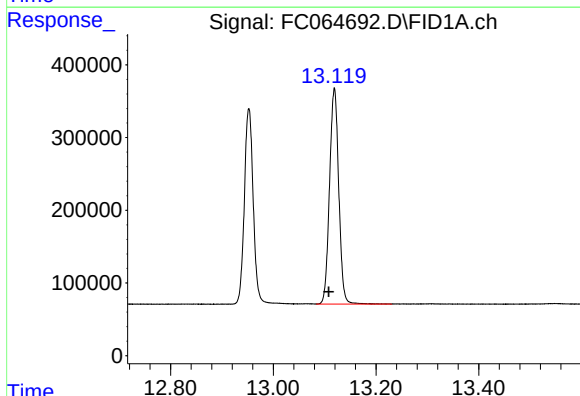
R.T.: 11.521 min
Delta R.T.: 0.012 min
Response: 4603831
Conc: 22.75 ug/ml

Instrument :
FID_C
ClientSampleId :



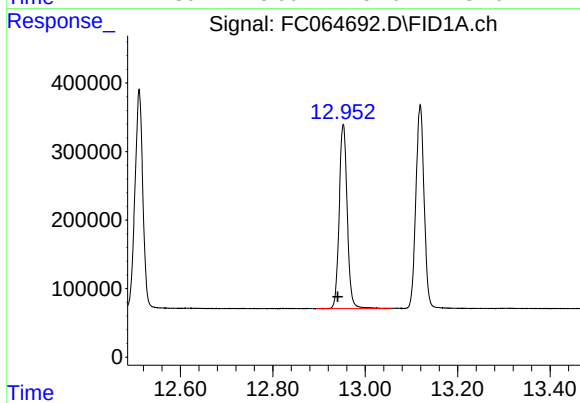
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.012 min
Response: 3772075
Conc: 22.14 ug/ml



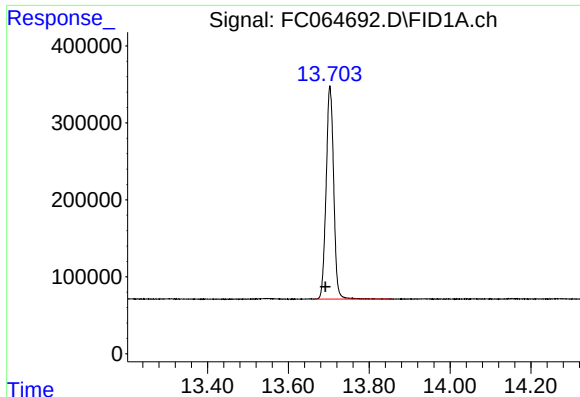
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.011 min
Response: 3688899
Conc: 22.27 ug/ml



#12 1-chlorooctadecane (SURR)

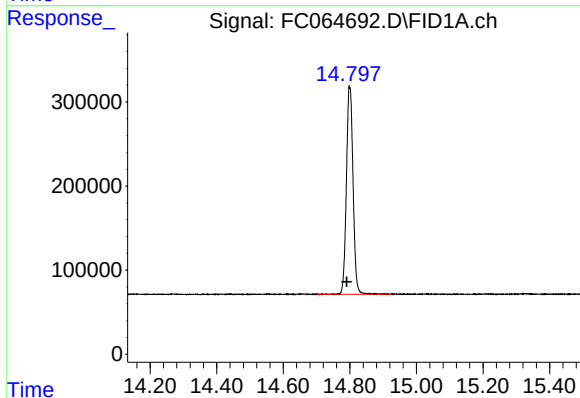
R.T.: 12.953 min
Delta R.T.: 0.012 min
Response: 3240219
Conc: 22.25 ug/ml



#13 n-Docosane (C22)

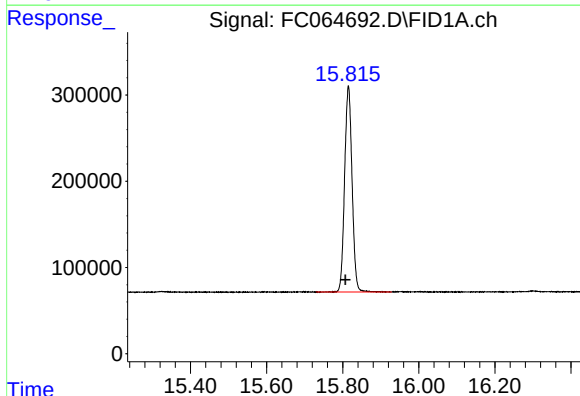
R.T.: 13.703 min
Delta R.T.: 0.011 min
Response: 3585553
Conc: 22.01 ug/ml

Instrument :
FID_C
ClientSampleId :



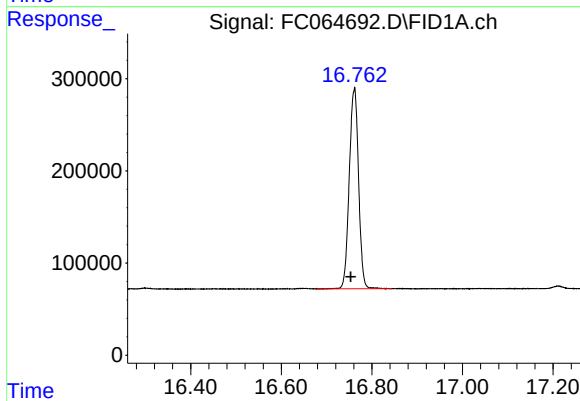
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.009 min
Response: 3421670
Conc: 21.55 ug/ml



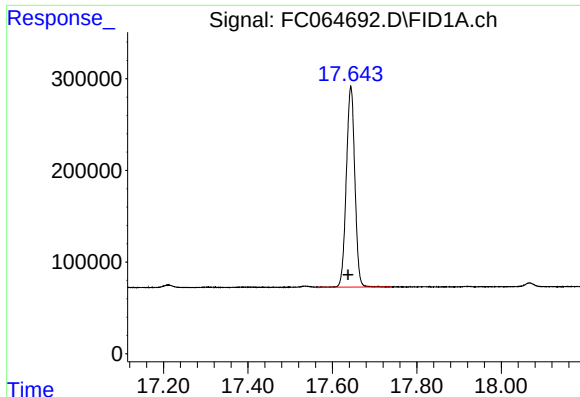
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.008 min
Response: 3252816
Conc: 21.31 ug/ml



#16 n-Octacosane (C28)

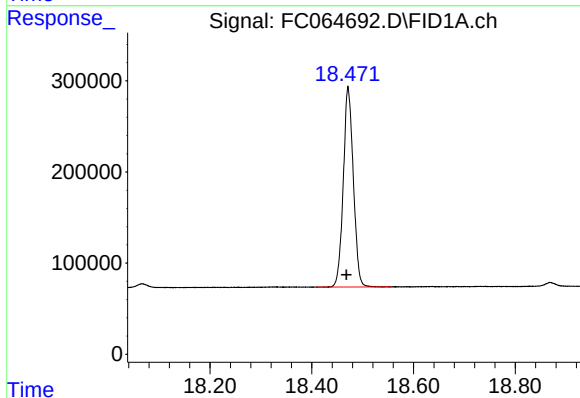
R.T.: 16.761 min
Delta R.T.: 0.008 min
Response: 3097539
Conc: 20.93 ug/ml



#17 n-Tricontane (C30)

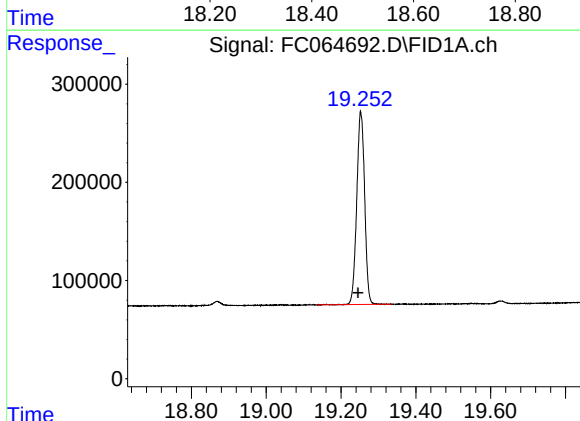
R.T.: 17.644 min
Delta R.T.: 0.007 min
Response: 3068501
Conc: 20.66 ug/ml

Instrument :
FID_C
ClientSampleId :



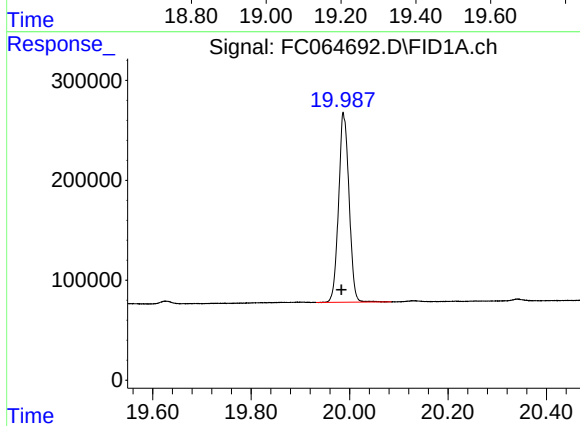
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.003 min
Response: 3003192
Conc: 20.58 ug/ml



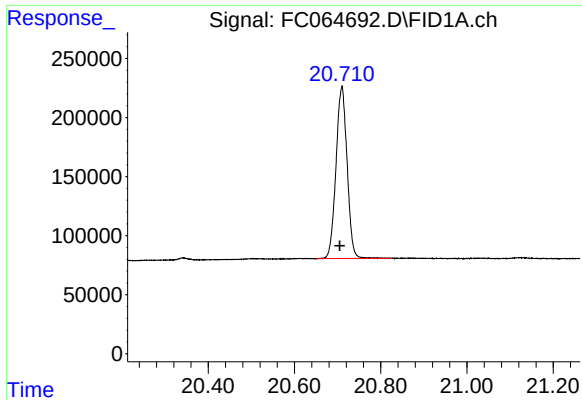
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.007 min
Response: 2889784
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

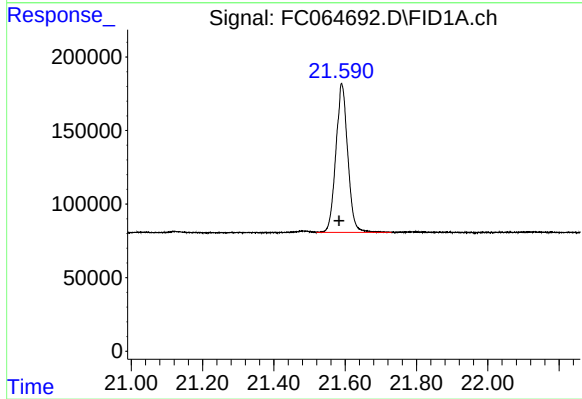
R.T.: 19.988 min
Delta R.T.: 0.004 min
Response: 2792120
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 2600289
Conc: 18.97 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.007 min
Response: 2339224
Conc: 17.20 ug/ml