

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102823AL\
 Data File : FC064941.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2023 19:53
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 28 02:11:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:05:03 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)	11.520	1181975	5.371 ug/ml
Spiked Amount 50.000		Recovery =	10.74%
12) S 1-chlorooctadecane (S...	12.954	821809	5.199 ug/ml
Spiked Amount 50.000		Recovery =	10.40%
Target Compounds			
1) T n-Nonane (C9)	3.324	1021985	5.405 ug/ml
2) T n-Decane (C10)	4.383	1018255	5.355 ug/ml
3) T A~Naphthalene (C11.7)	5.967	934399	4.840 ug/ml
4) T n-Dodecane (C12)	6.391	1043001	5.399 ug/ml
5) T A~2-methylnaphthalene...	7.020	848001	4.615 ug/ml
6) T n-Tetradecane (C14)	8.179	999235	5.296 ug/ml
7) T n-Hexadecane (C16)	9.772	998248	5.281 ug/ml
8) T n-Octadecane (C18)	11.207	1004789	5.324 ug/ml
10) T n-Eicosane (C20)	12.509	956517	5.320 ug/ml
11) T n-Heneicosane (C21)	13.119	937842	5.342 ug/ml
13) T n-Docosane (C22)	13.703	915516	5.330 ug/ml
14) T n-Tetracosane (C24)	14.800	897005	5.386 ug/ml
15) T n-Hexacosane (C26)	15.816	865928	5.395 ug/ml
16) T n-Octacosane (C28)	16.763	857513	5.479 ug/ml
17) T n-Tricontane (C30)	17.646	890864	5.624 ug/ml
18) T n-Dotriacontane (C32)	18.475	902965	5.719 ug/ml
19) T n-Tetratriacontane (C34)	19.255	852186	5.583 ug/ml
20) T n-Hexatriacontane (C36)	19.991	836198	5.542 ug/ml
21) T n-Octatriacontane (C38)	20.712	818786	5.502 ug/ml
22) T n-Tetracontane (C40)	21.595	800388	5.442 ug/ml

(f)=RT Delta > 1/2 Window

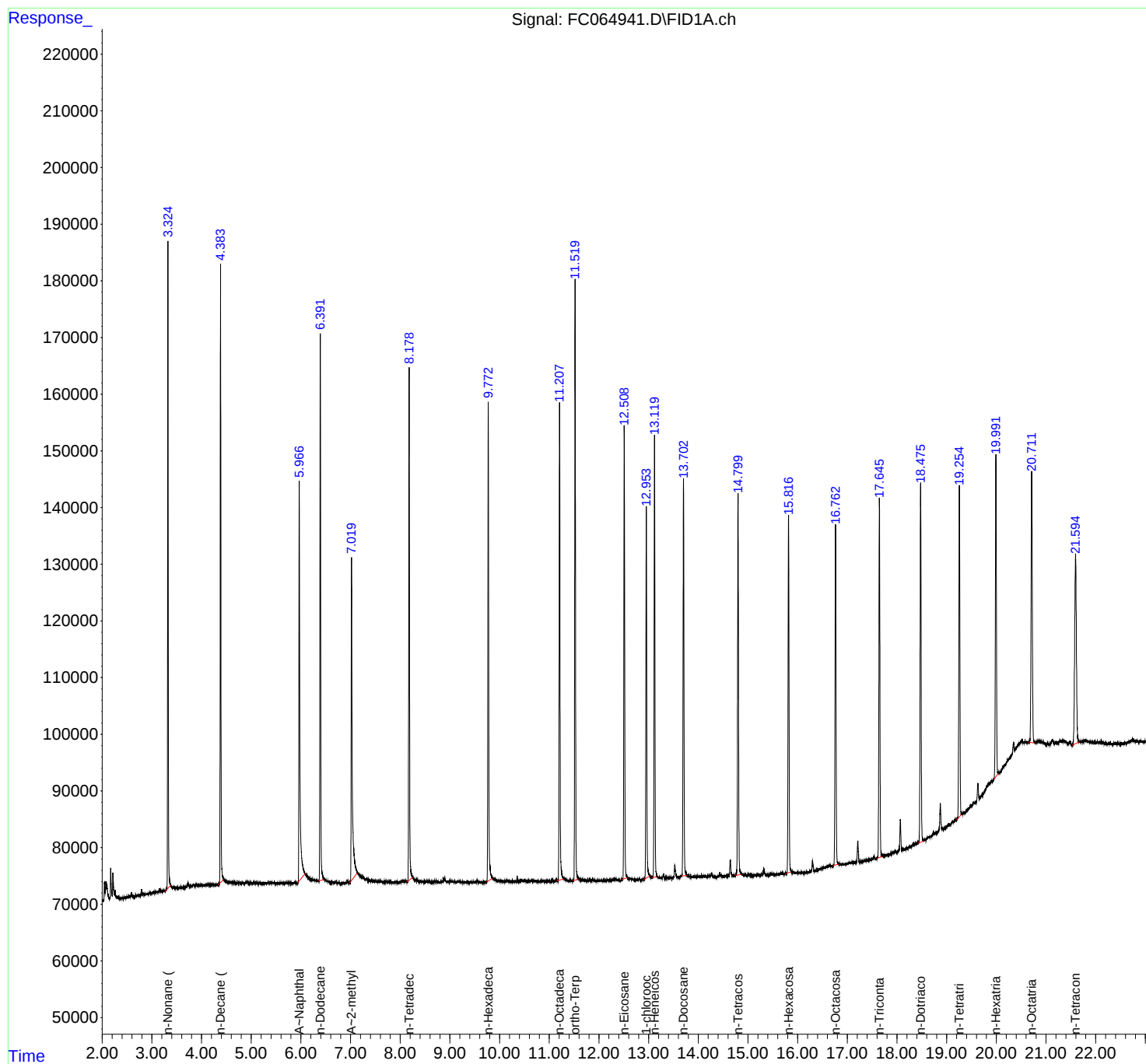
(m)=manual int.

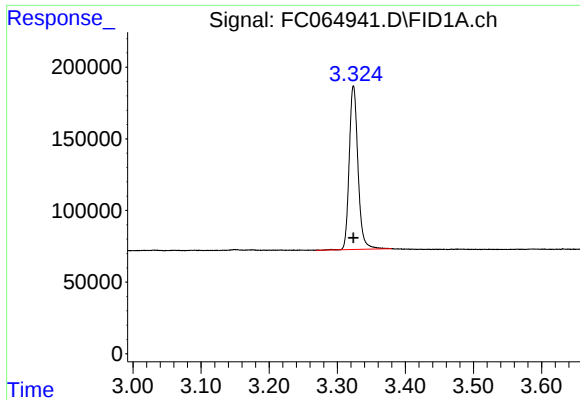
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102823AL\
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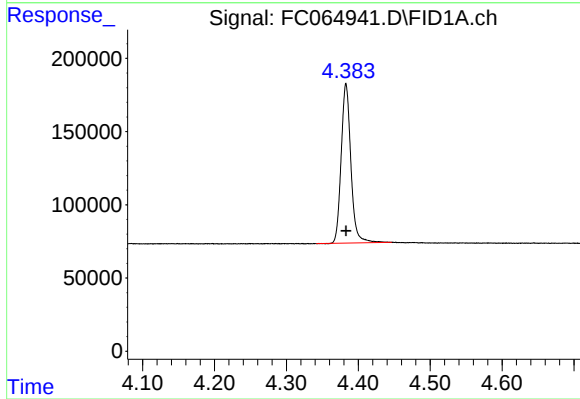




#1 n-Nonane (C9)

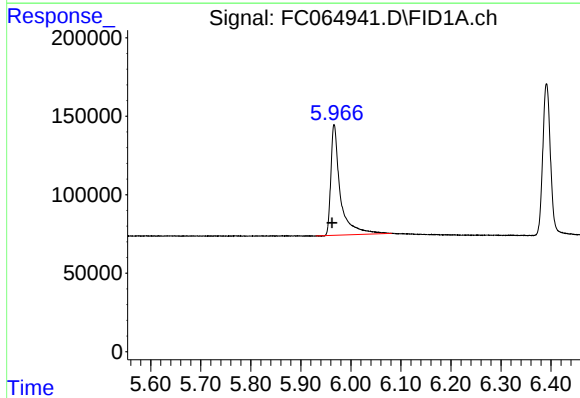
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 1021985
Conc: 5.41 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



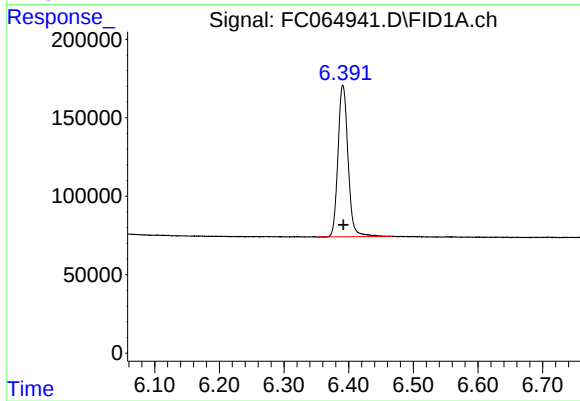
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 1018255
Conc: 5.36 ug/ml



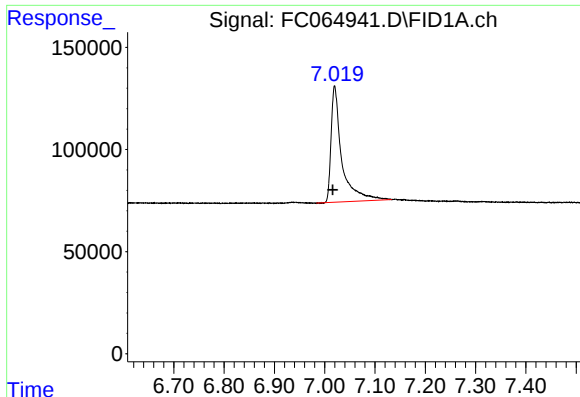
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.004 min
Response: 934399
Conc: 4.84 ug/ml



#4 n-Dodecane (C12)

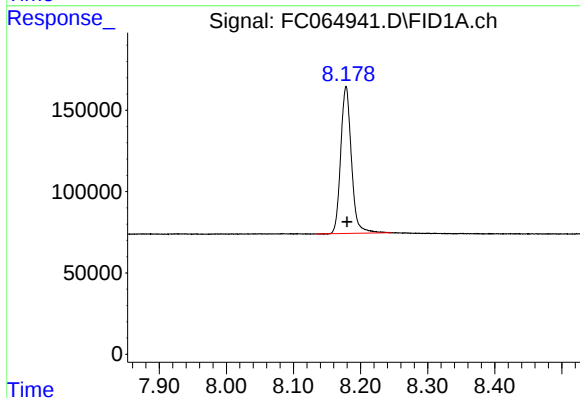
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 1043001
Conc: 5.40 ug/ml



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

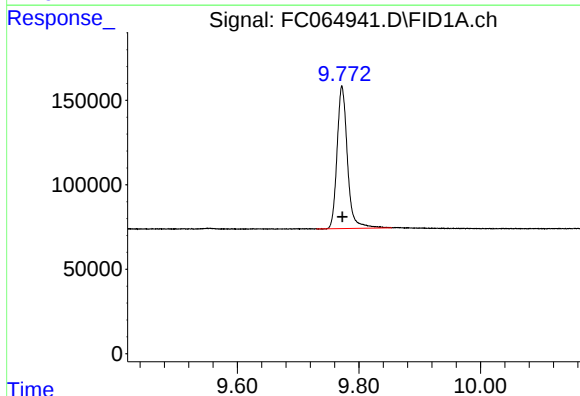
R.T.: 7.020 min
Delta R.T.: 0.004 min
Response: 848001
Conc: 4.61 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



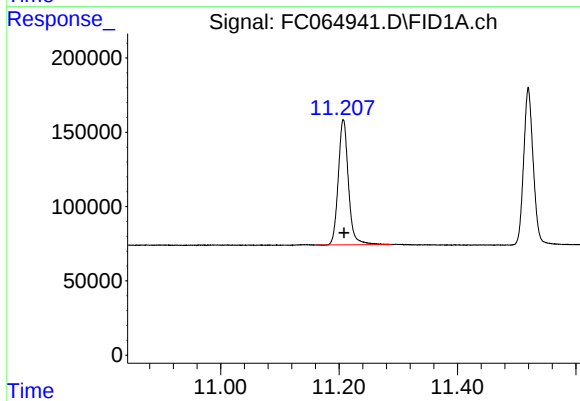
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.001 min
Response: 999235
Conc: 5.30 ug/ml



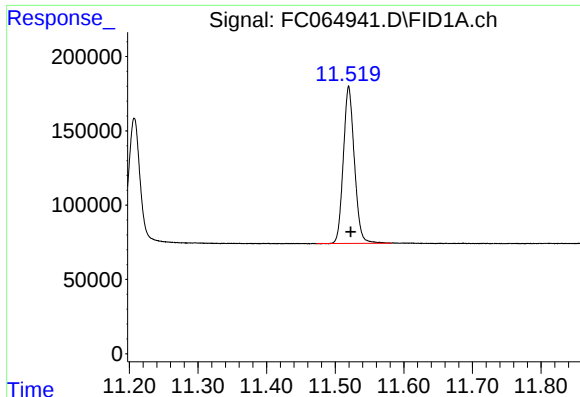
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 998248
Conc: 5.28 ug/ml



#8 n-Octadecane (C18)

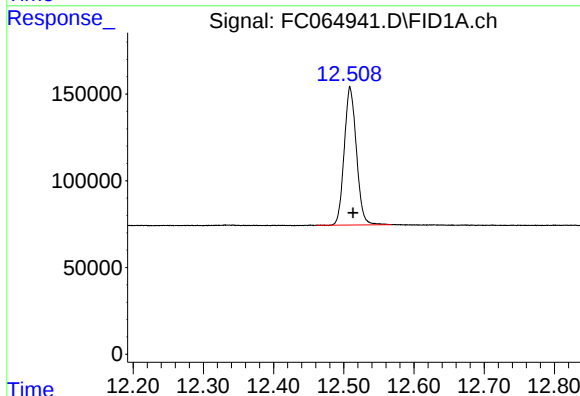
R.T.: 11.207 min
Delta R.T.: -0.001 min
Response: 1004789
Conc: 5.32 ug/ml



#9 ortho-Terphenyl (SURR)

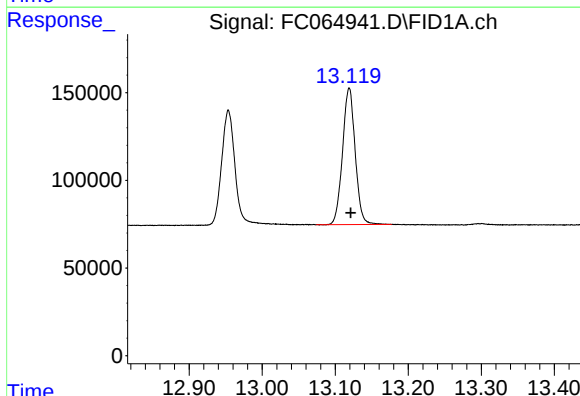
R.T.: 11.520 min
Delta R.T.: -0.003 min
Response: 1181975
Conc: 5.37 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



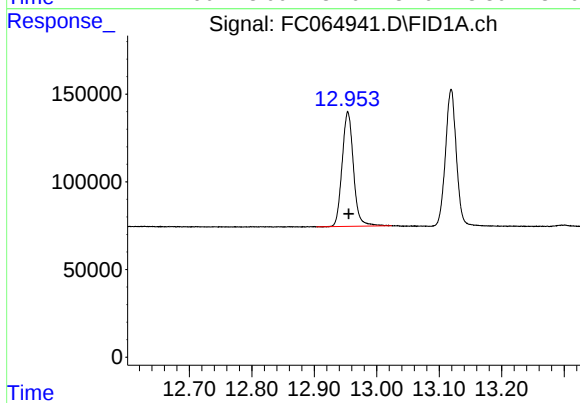
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: -0.004 min
Response: 956517
Conc: 5.32 ug/ml



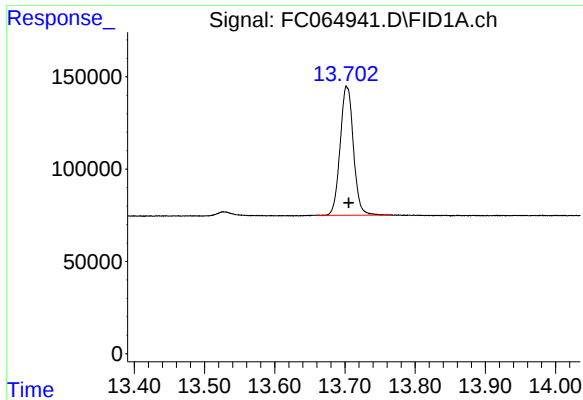
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: -0.002 min
Response: 937842
Conc: 5.34 ug/ml



#12 1-chlorooctadecane (SURR)

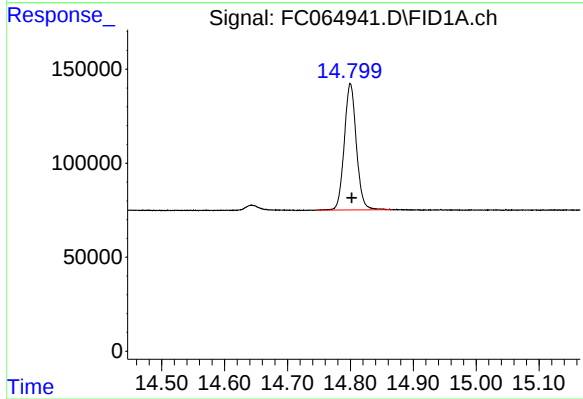
R.T.: 12.954 min
Delta R.T.: -0.001 min
Response: 821809
Conc: 5.20 ug/ml



#13 n-Docosane (C22)

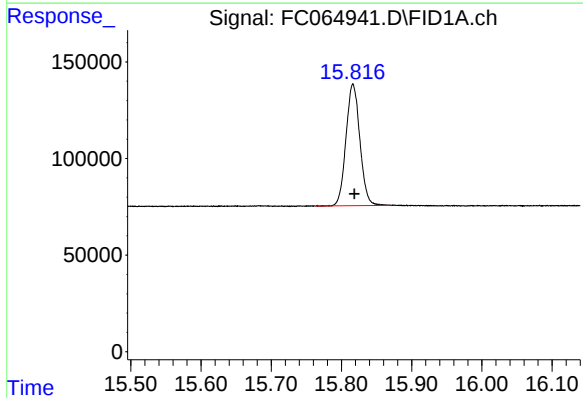
R.T.: 13.703 min
Delta R.T.: -0.003 min
Response: 915516
Conc: 5.33 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



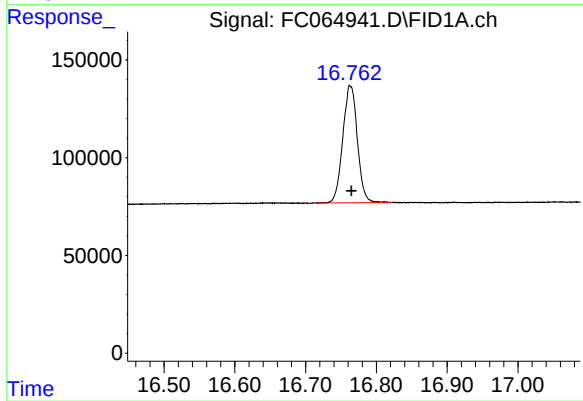
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.002 min
Response: 897005
Conc: 5.39 ug/ml



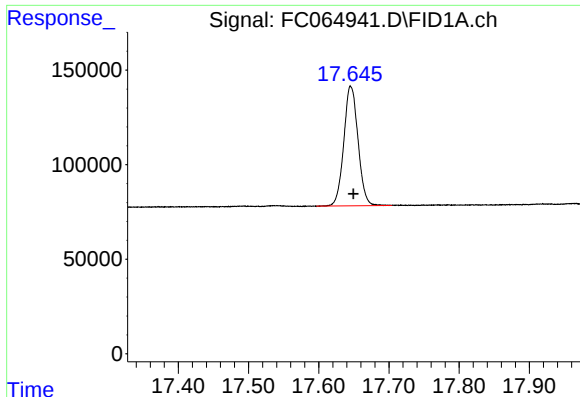
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.002 min
Response: 865928
Conc: 5.39 ug/ml



#16 n-Octacosane (C28)

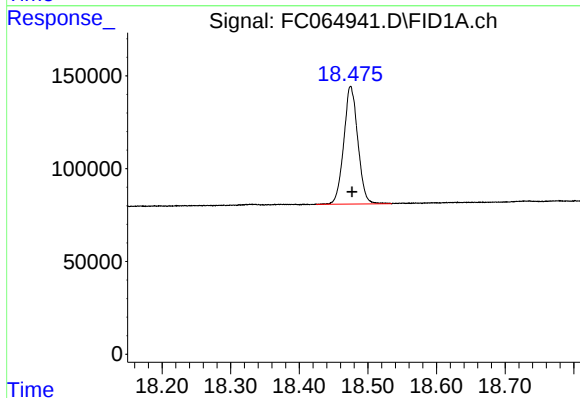
R.T.: 16.763 min
Delta R.T.: -0.002 min
Response: 857513
Conc: 5.48 ug/ml



#17 n-Tricontane (C30)

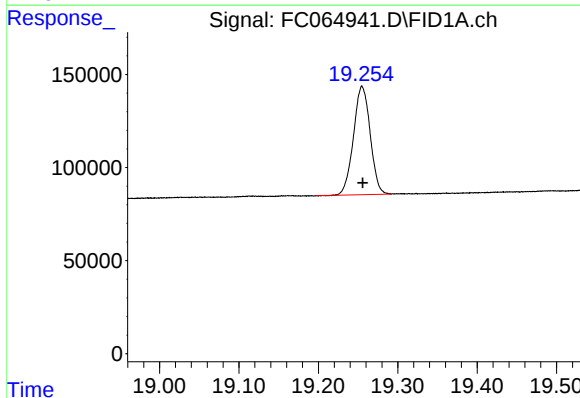
R.T.: 17.646 min
Delta R.T.: -0.004 min
Response: 890864
Conc: 5.62 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



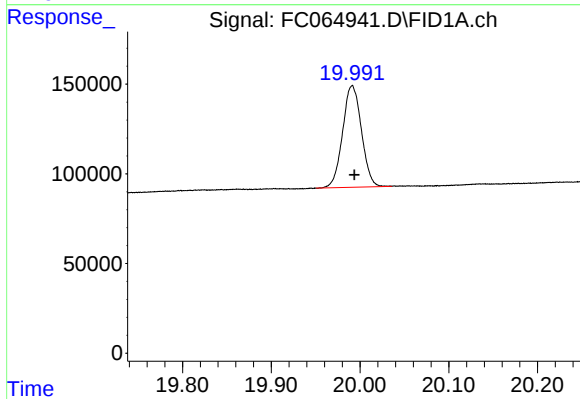
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.002 min
Response: 902965
Conc: 5.72 ug/ml



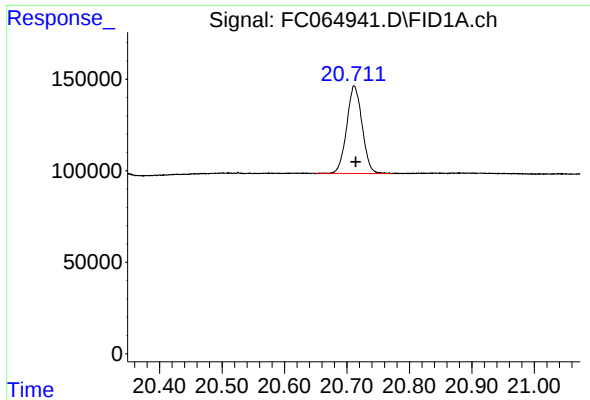
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.000 min
Response: 852186
Conc: 5.58 ug/ml



#20 n-Hexatriacontane (C36)

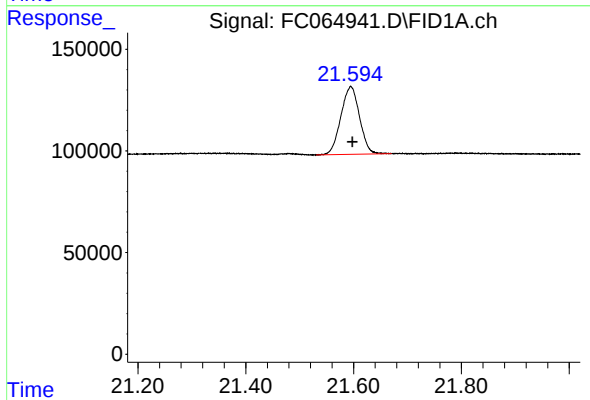
R.T.: 19.991 min
Delta R.T.: -0.003 min
Response: 836198
Conc: 5.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: -0.003 min
Response: 818786
Conc: 5.50 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: -0.003 min
Response: 800388
Conc: 5.44 ug/ml