

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100623AL\
 Data File : FC064756.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2023 08:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 07 02:36:27 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	4492856	22.204 ug/ml
Spiked Amount 50.000		Recovery =	44.41%
12) S 1-chlorooctadecane (S...	12.953	3245064	22.279 ug/ml
Spiked Amount 50.000		Recovery =	44.56%
Target Compounds			
1) T n-Nonane (C9)	3.326	3849757	21.785 ug/ml
2) T n-Decane (C10)	4.384	3898033	21.698 ug/ml
3) T A~Naphthalene (C11.7)	5.964	4107555	21.864 ug/ml
4) T n-Dodecane (C12)	6.392	3966672	21.838 ug/ml
5) T A~2-methylnaphthalene...	7.017	3869751	21.699 ug/ml
6) T n-Tetradecane (C14)	8.178	3876332	21.846 ug/ml
7) T n-Hexadecane (C16)	9.772	3873667	21.550 ug/ml
8) T n-Octadecane (C18)	11.206	3864292	21.343 ug/ml
10) T n-Eicosane (C20)	12.509	3703649	21.743 ug/ml
11) T n-Heneicosane (C21)	13.119	3617039	21.839 ug/ml
13) T n-Docosane (C22)	13.703	3568758	21.906 ug/ml
14) T n-Tetracosane (C24)	14.801	3441329	21.676 ug/ml
15) T n-Hexacosane (C26)	15.817	3283893	21.513 ug/ml
16) T n-Octacosane (C28)	16.762	3208066	21.676 ug/ml
17) T n-Tricontane (C30)	17.646	3259912	21.944 ug/ml
18) T n-Dotriacontane (C32)	18.474	3225599	22.102 ug/ml
19) T n-Tetratriacontane (C34)	19.253	3036909	21.362 ug/ml
20) T n-Hexatriacontane (C36)	19.989	2890337	20.985 ug/ml
21) T n-Octatriacontane (C38)	20.708	2760434	20.142 ug/ml
22) T n-Tetracontane (C40)	21.592	2611940	19.202 ug/ml

(f)=RT Delta > 1/2 Window

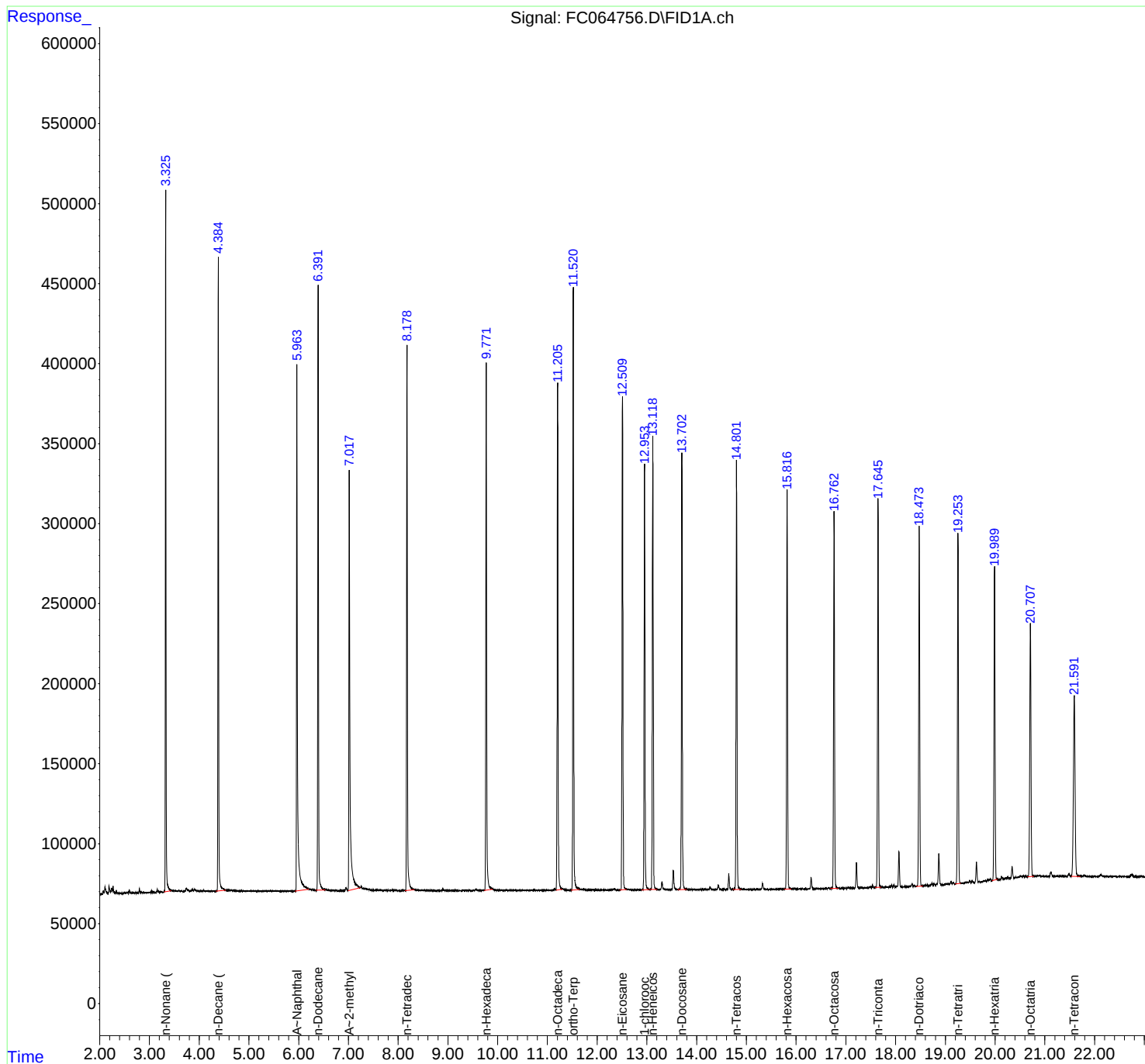
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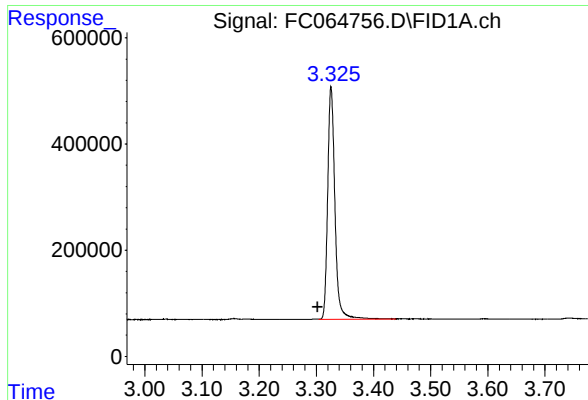
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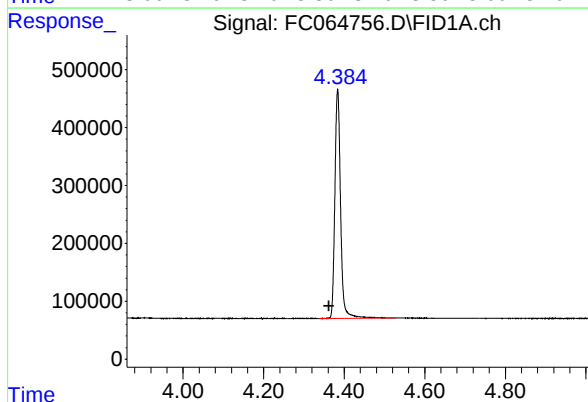




#1 n-Nonane (C9)

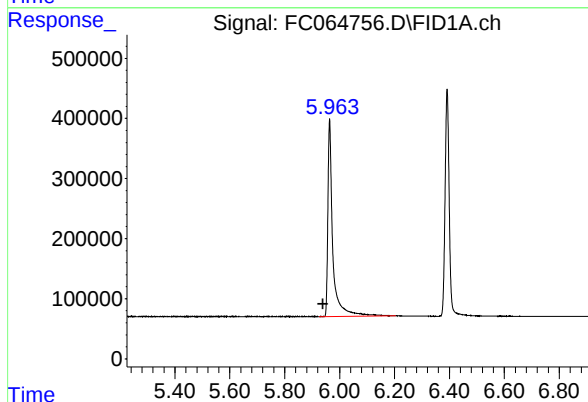
R.T.: 3.326 min
Delta R.T.: 0.024 min
Response: 3849757
Conc: 21.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



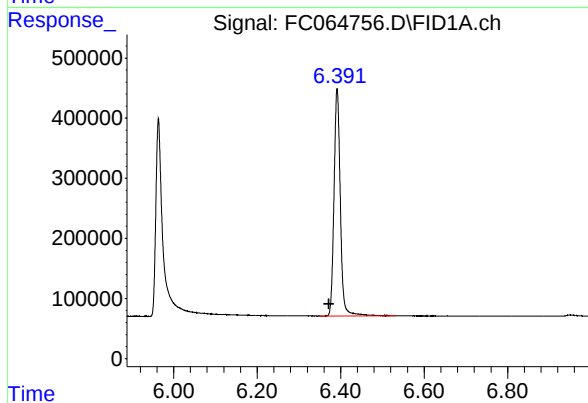
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: 0.022 min
Response: 3898033
Conc: 21.70 ug/ml



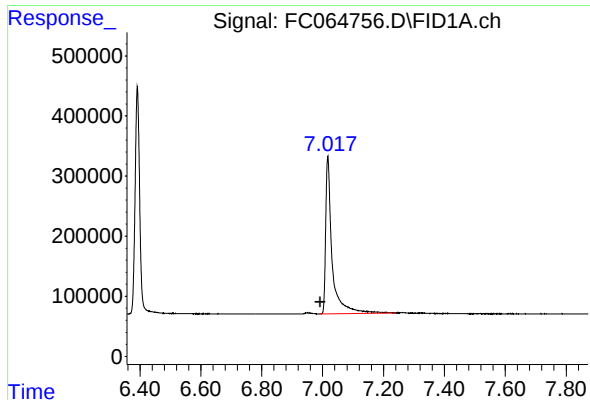
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.025 min
Response: 4107555
Conc: 21.86 ug/ml



#4 n-Dodecane (C12)

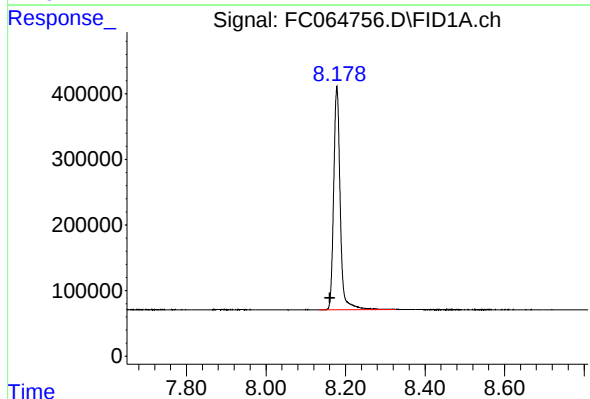
R.T.: 6.392 min
Delta R.T.: 0.019 min
Response: 3966672
Conc: 21.84 ug/ml



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

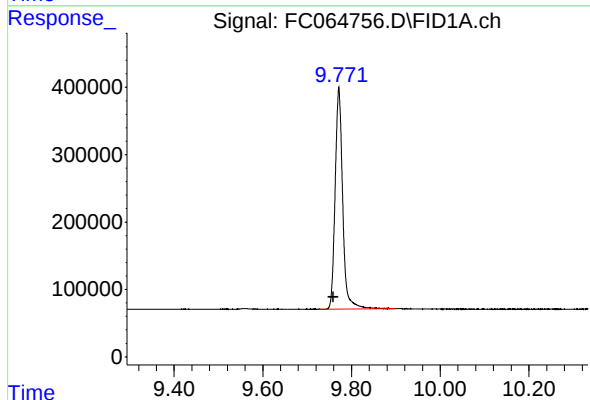
R.T.: 7.017 min
Delta R.T.: 0.024 min
Response: 3869751
Conc: 21.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



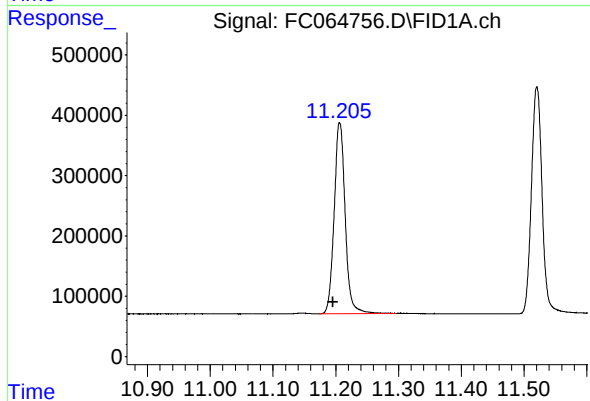
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 3876332
Conc: 21.85 ug/ml



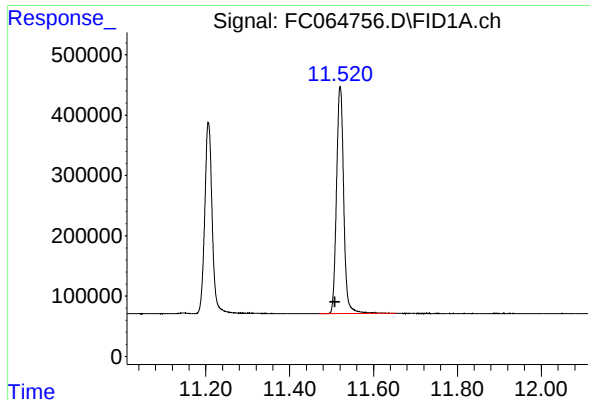
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.013 min
Response: 3873667
Conc: 21.55 ug/ml



#8 n-Octadecane (C18)

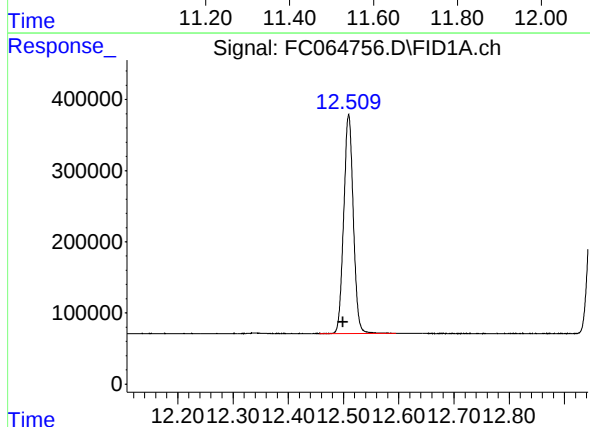
R.T.: 11.206 min
Delta R.T.: 0.011 min
Response: 3864292
Conc: 21.34 ug/ml



#9 ortho-Terphenyl (SURR)

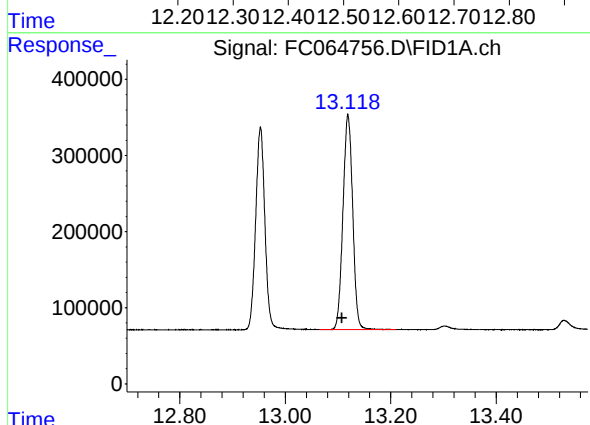
R.T.: 11.521 min
Delta R.T.: 0.012 min
Response: 4492856
Conc: 22.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



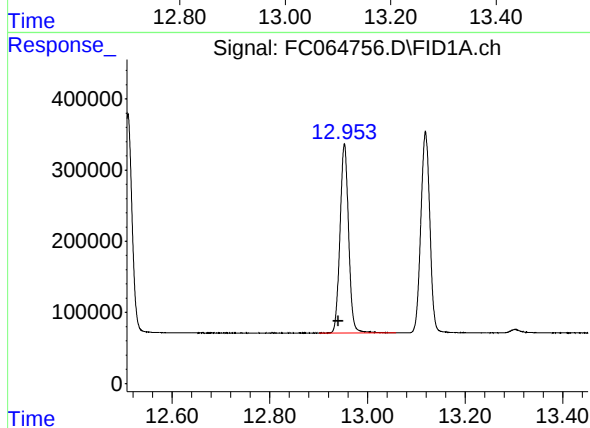
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.010 min
Response: 3703649
Conc: 21.74 ug/ml



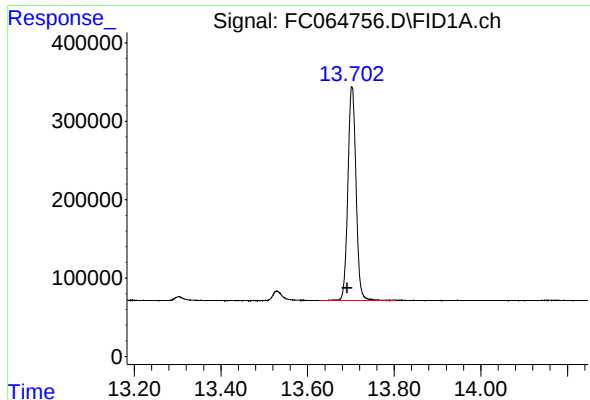
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.011 min
Response: 3617039
Conc: 21.84 ug/ml



#12 1-chlorooctadecane (SURR)

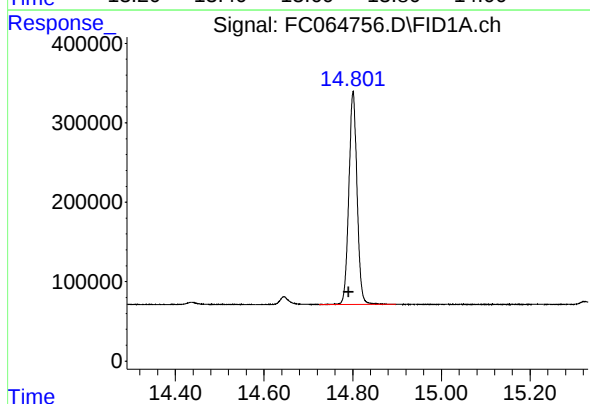
R.T.: 12.953 min
Delta R.T.: 0.013 min
Response: 3245064
Conc: 22.28 ug/ml



#13 n-Docosane (C22)

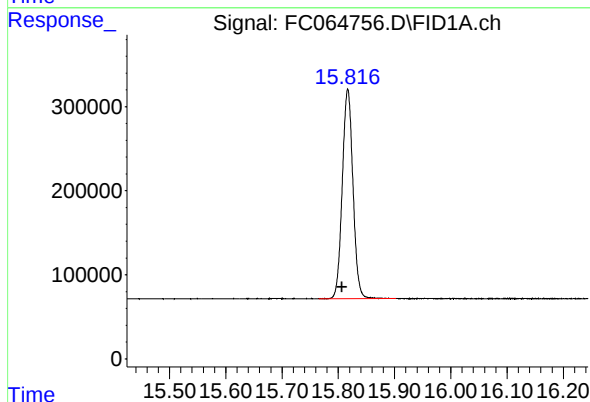
R.T.: 13.703 min
Delta R.T.: 0.011 min
Response: 3568758
Conc: 21.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



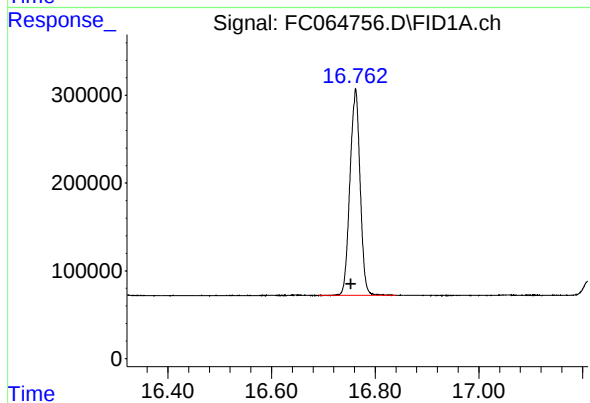
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.011 min
Response: 3441329
Conc: 21.68 ug/ml



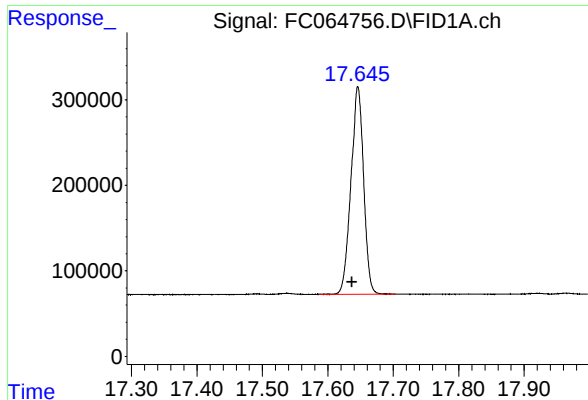
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.010 min
Response: 3283893
Conc: 21.51 ug/ml



#16 n-Octacosane (C28)

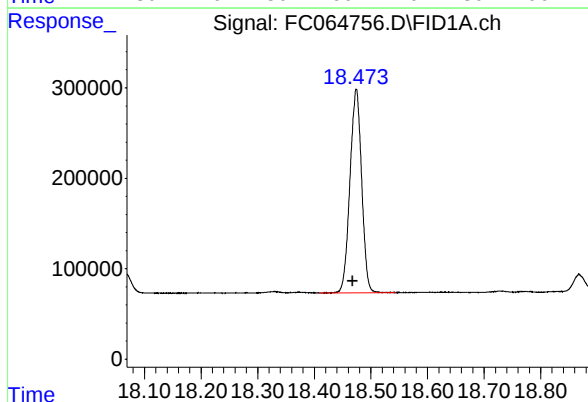
R.T.: 16.762 min
Delta R.T.: 0.009 min
Response: 3208066
Conc: 21.68 ug/ml



#17 n-Tricontane (C30)

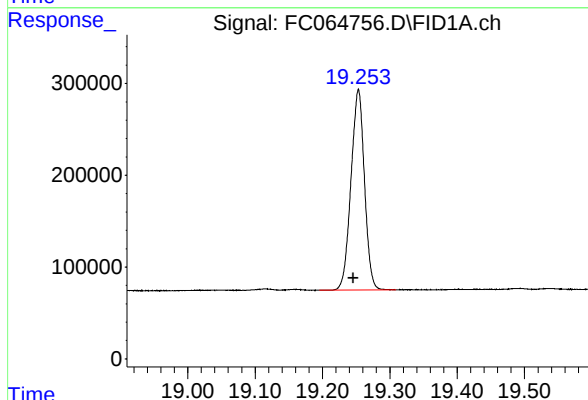
R.T.: 17.646 min
Delta R.T.: 0.009 min
Response: 3259912
Conc: 21.94 ug/ml

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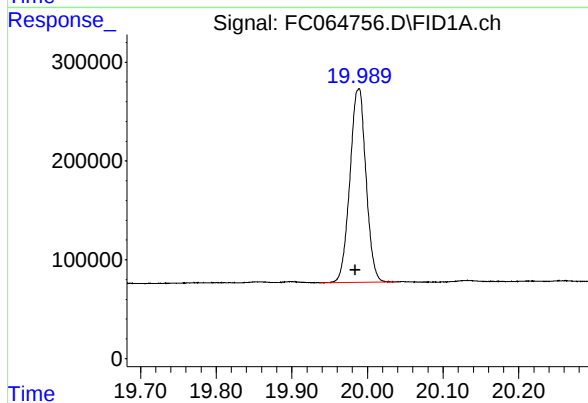
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.006 min
Response: 3225599
Conc: 22.10 ug/ml



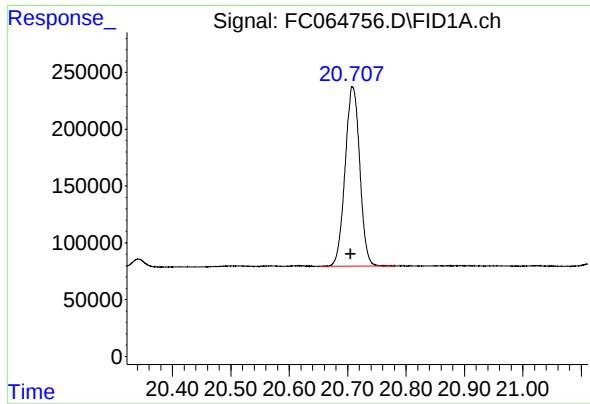
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.008 min
Response: 3036909
Conc: 21.36 ug/ml



#20 n-Hexatriacontane (C36)

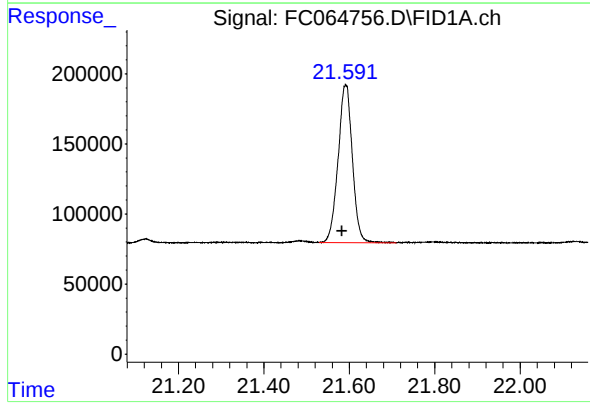
R.T.: 19.989 min
Delta R.T.: 0.005 min
Response: 2890337
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.003 min
Response: 2760434
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: 0.008 min
Response: 2611940
Conc: 19.20 ug/ml