

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092523AL\
 Data File : FC064644.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2023 08:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 25 13:52:18 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)	11.518	4317009	21.335 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
12) S 1-chlorooctadecane (S...	12.951	3043676	20.896 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T n-Nonane (C9)	3.315	3631643	20.551 ug/ml
2) T n-Decane (C10)	4.375	3712418	20.665 ug/ml
3) T A~Naphthalene (C11.7)	5.956	3885261	20.681 ug/ml
4) T n-Dodecane (C12)	6.386	3777215	20.795 ug/ml
5) T A~2-methylnaphthalene...	7.010	3707898	20.792 ug/ml
6) T n-Tetradecane (C14)	8.174	3691843	20.806 ug/ml
7) T n-Hexadecane (C16)	9.768	3710622	20.643 ug/ml
8) T n-Octadecane (C18)	11.204	3708314	20.482 ug/ml
10) T n-Eicosane (C20)	12.507	3541005	20.788 ug/ml
11) T n-Heneicosane (C21)	13.118	3460412	20.893 ug/ml
13) T n-Docosane (C22)	13.702	3390870	20.814 ug/ml
14) T n-Tetracosane (C24)	14.799	3258872	20.527 ug/ml
15) T n-Hexacosane (C26)	15.814	3110992	20.380 ug/ml
16) T n-Octacosane (C28)	16.760	3006353	20.313 ug/ml
17) T n-Tricontane (C30)	17.643	3035064	20.430 ug/ml
18) T n-Dotriacontane (C32)	18.472	2988102	20.475 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2805611	19.735 ug/ml
20) T n-Hexatriacontane (C36)	19.989	2626797	19.072 ug/ml
21) T n-Octatriacontane (C38)	20.710	2386174	17.411 ug/ml
22) T n-Tetracontane (C40)	21.590	2127811	15.643 ug/ml

(f)=RT Delta > 1/2 Window

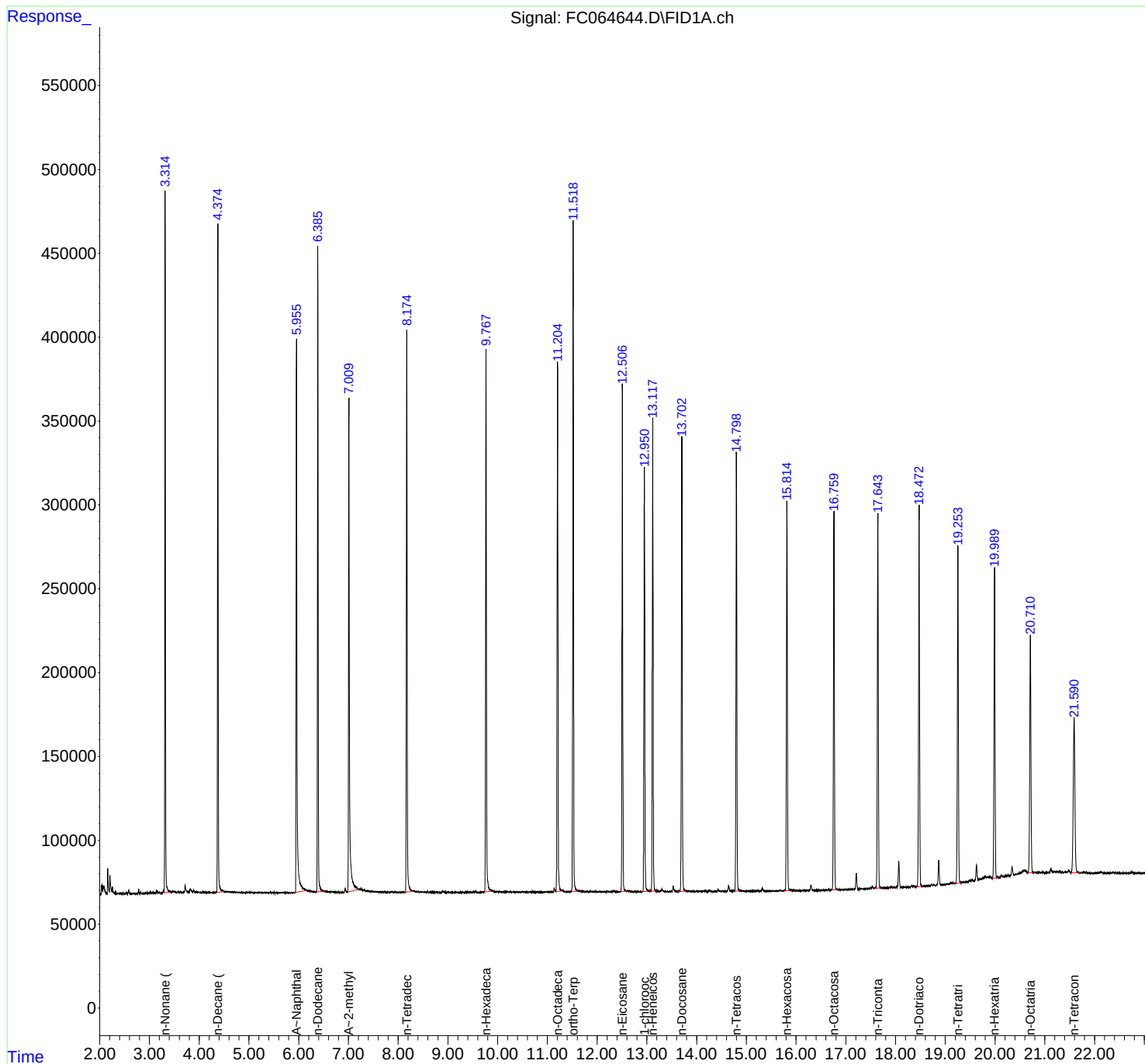
(m)=manual int.

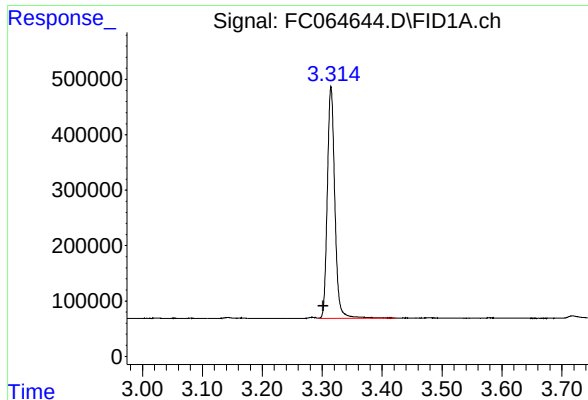
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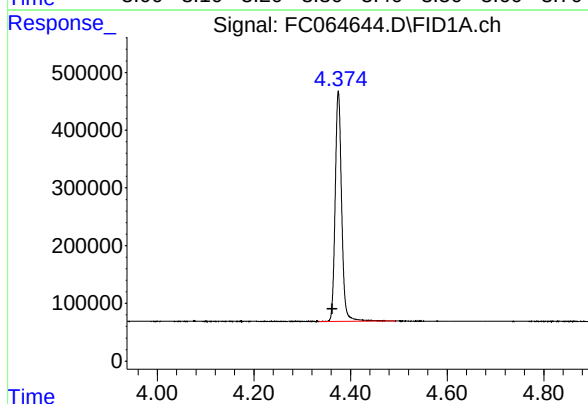




#1 n-Nonane (C9)

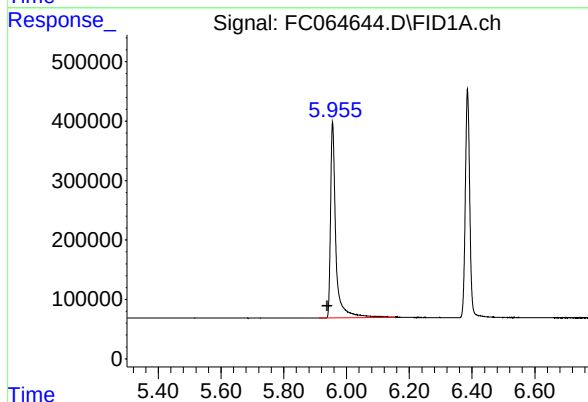
R.T.: 3.315 min
Delta R.T.: 0.013 min
Response: 3631643
Conc: 20.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



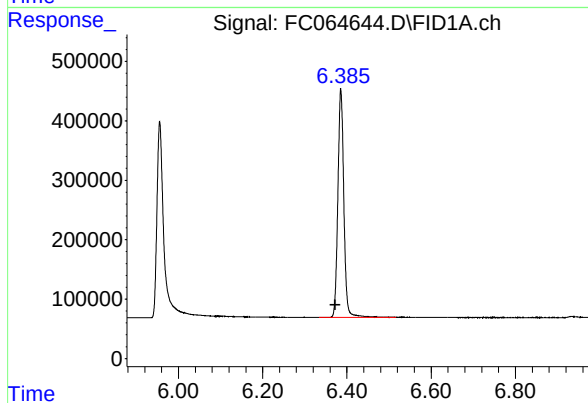
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: 0.013 min
Response: 3712418
Conc: 20.67 ug/ml



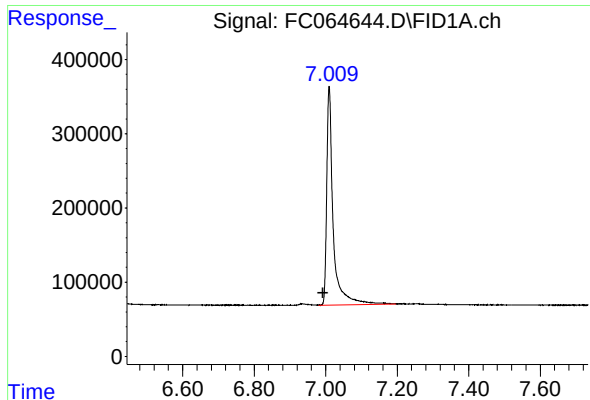
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.017 min
Response: 3885261
Conc: 20.68 ug/ml



#4 n-Dodecane (C12)

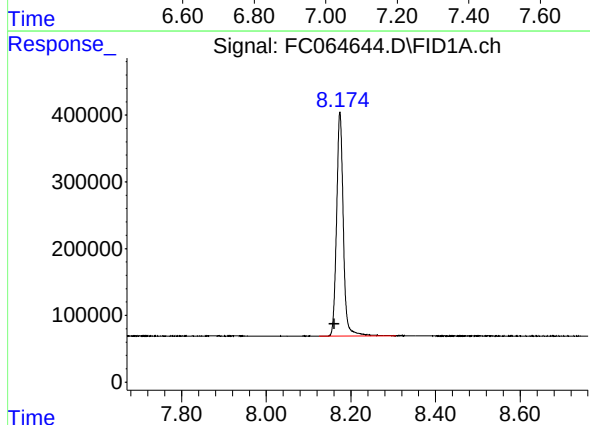
R.T.: 6.386 min
Delta R.T.: 0.013 min
Response: 3777215
Conc: 20.80 ug/ml



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

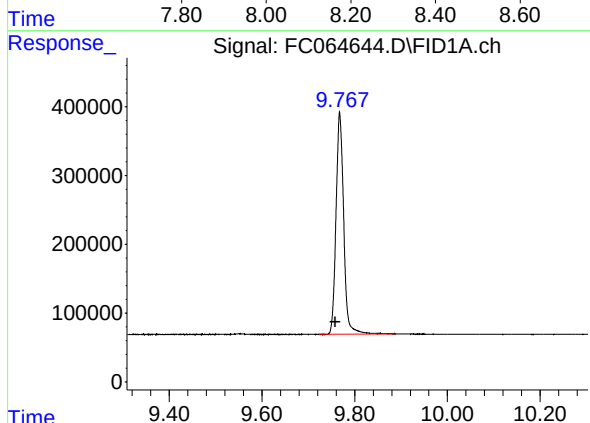
R.T.: 7.010 min
Delta R.T.: 0.017 min
Response: 3707898
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



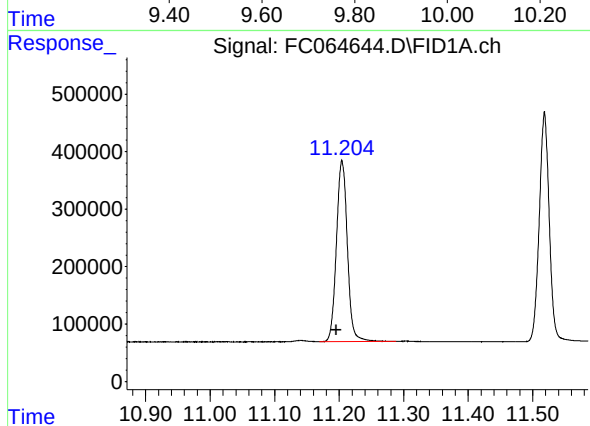
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: 0.013 min
Response: 3691843
Conc: 20.81 ug/ml



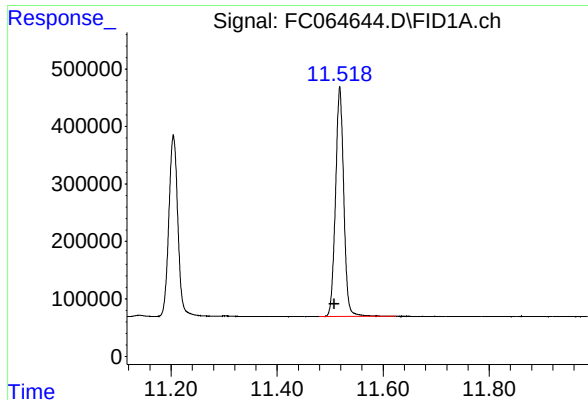
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: 0.009 min
Response: 3710622
Conc: 20.64 ug/ml



#8 n-Octadecane (C18)

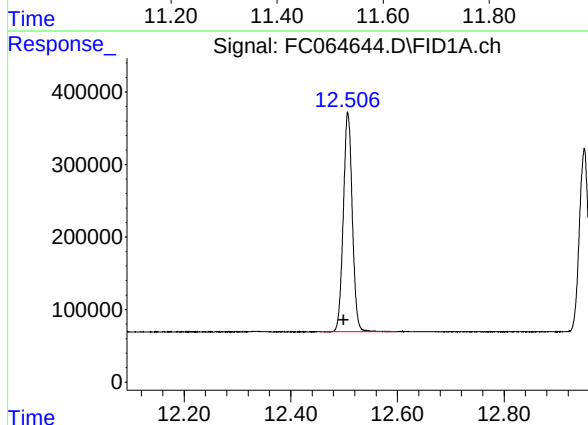
R.T.: 11.204 min
Delta R.T.: 0.009 min
Response: 3708314
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

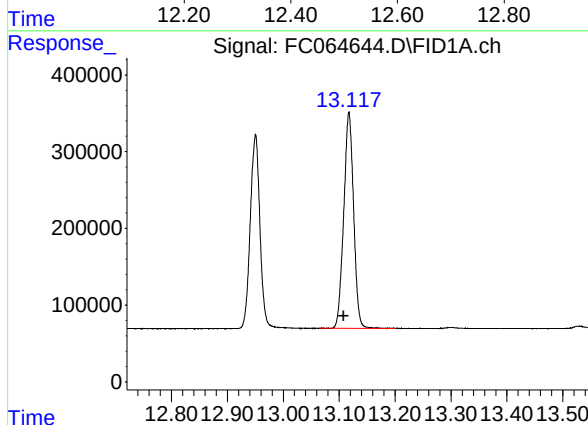
R.T.: 11.518 min
Delta R.T.: 0.010 min
Response: 4317009
Conc: 21.33 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



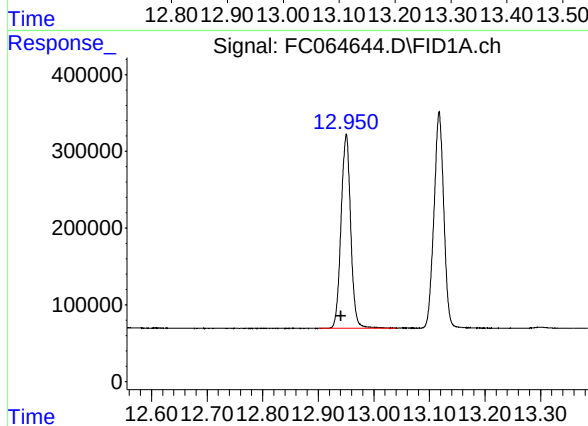
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: 0.008 min
Response: 3541005
Conc: 20.79 ug/ml



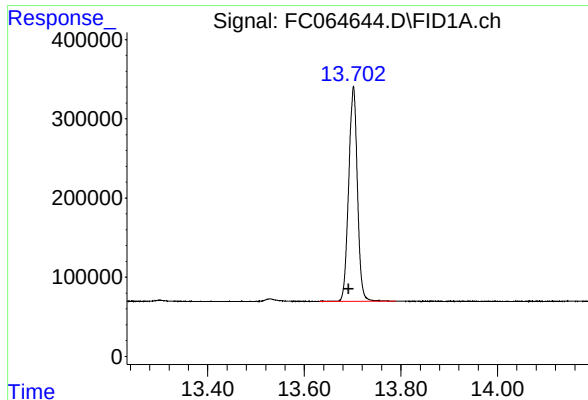
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.010 min
Response: 3460412
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

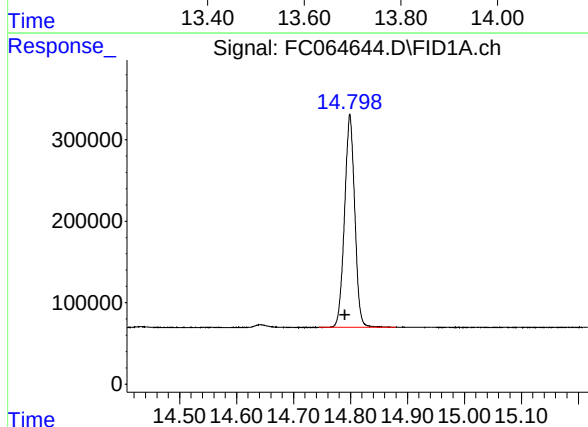
R.T.: 12.951 min
Delta R.T.: 0.010 min
Response: 3043676
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

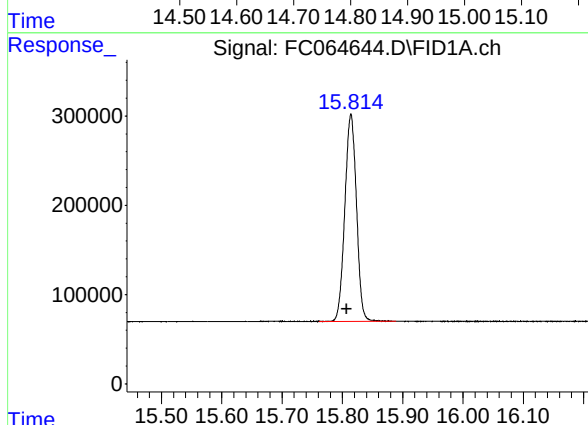
R.T.: 13.702 min
Delta R.T.: 0.010 min
Response: 3390870
Conc: 20.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



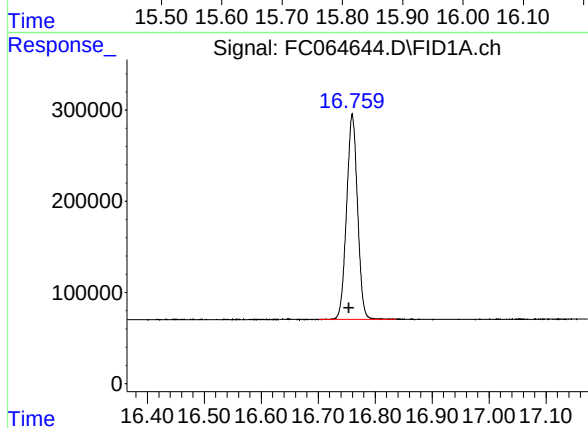
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.009 min
Response: 3258872
Conc: 20.53 ug/ml



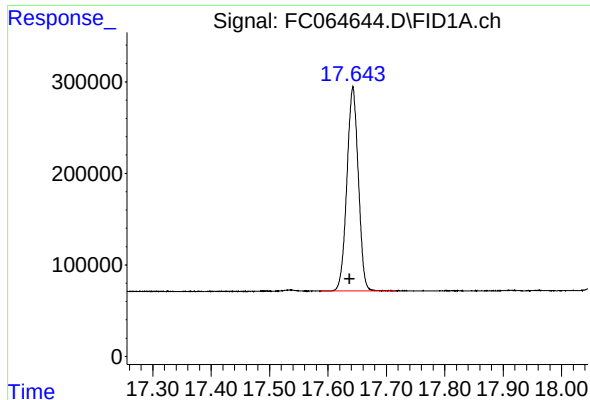
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.007 min
Response: 3110992
Conc: 20.38 ug/ml



#16 n-Octacosane (C28)

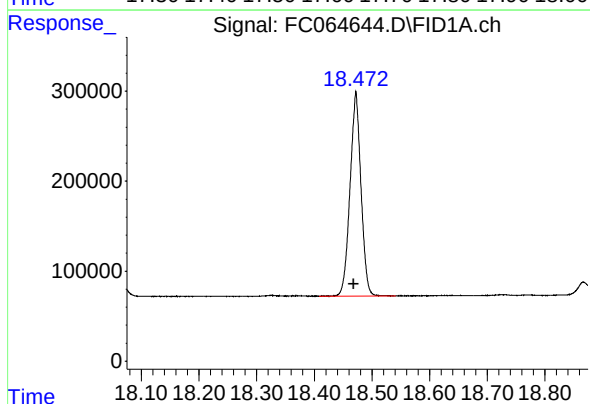
R.T.: 16.760 min
Delta R.T.: 0.006 min
Response: 3006353
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

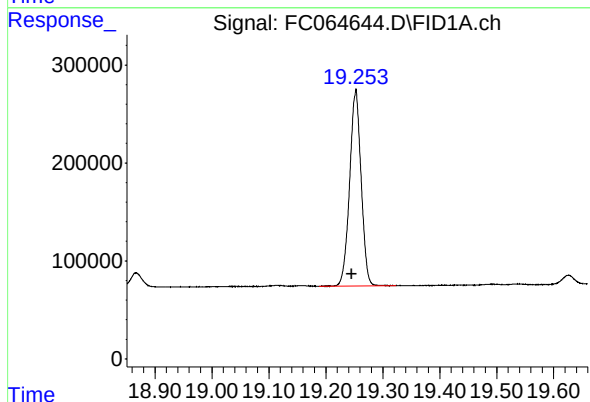
R.T.: 17.643 min
Delta R.T.: 0.006 min
Response: 3035064
Conc: 20.43 ug/ml

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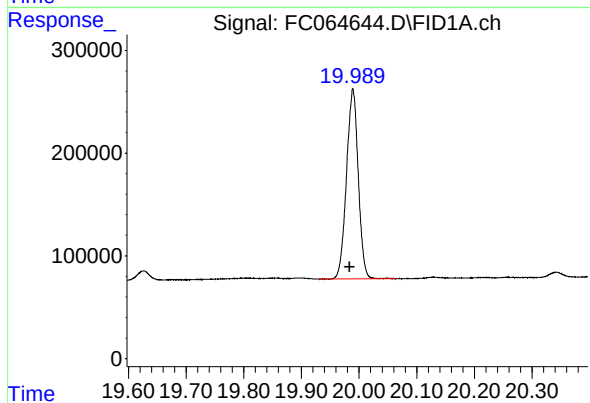
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.004 min
Response: 2988102
Conc: 20.47 ug/ml



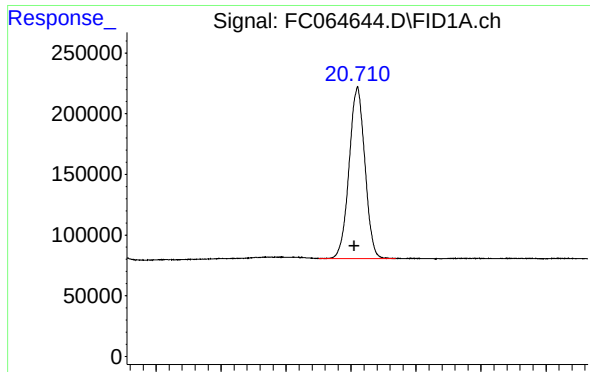
#19 n-Tetatriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.007 min
Response: 2805611
Conc: 19.73 ug/ml



#20 n-Hexatriacontane (C36)

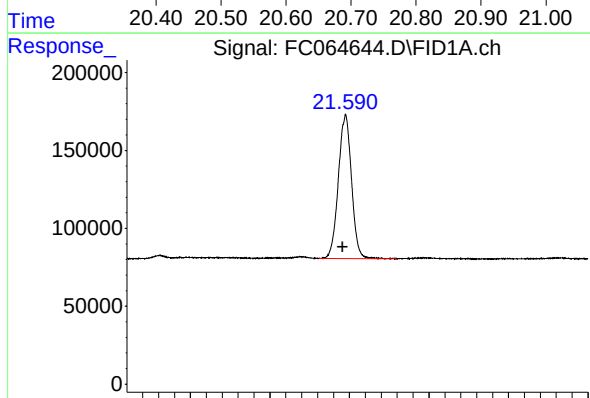
R.T.: 19.989 min
Delta R.T.: 0.006 min
Response: 2626797
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 2386174
Conc: 17.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.007 min
Response: 2127811
Conc: 15.64 ug/ml