

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080723AL\
 Data File : FC064340.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2023 17:07
 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: Aug 08 02:51:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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	4010017	22.477 ug/ml
Spiked Amount 50.000		Recovery =	44.95%
12) S 1-chlorooctadecane (S...	12.950	2681009	21.259 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
Target Compounds			
1) T n-Nonane (C9)	3.304	3773046	23.253 ug/ml
2) T n-Decane (C10)	4.366	3786389	23.155 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3774650	23.258 ug/ml
4) T n-Dodecane (C12)	6.378	3800137	23.278 ug/ml
5) T A~2-methylnaphthalene...	7.002	3471929	22.786 ug/ml
6) T n-Tetradecane (C14)	8.169	3597089	22.910 ug/ml
7) T n-Hexadecane (C16)	9.764	3534381	22.478 ug/ml
8) T n-Octadecane (C18)	11.201	3514438	22.182 ug/ml
10) T n-Eicosane (C20)	12.507	3295467	22.081 ug/ml
11) T n-Heneicosane (C21)	13.116	3225034	22.097 ug/ml
13) T n-Docosane (C22)	13.701	3167301	22.192 ug/ml
14) T n-Tetracosane (C24)	14.800	3121936	22.226 ug/ml
15) T n-Hexacosane (C26)	15.815	3073464	22.382 ug/ml
16) T n-Octacosane (C28)	16.762	3028834	22.587 ug/ml
17) T n-Tricontane (C30)	17.646	3097406	22.315 ug/ml
18) T n-Dotriacontane (C32)	18.476	3083335	21.911 ug/ml
19) T n-Tetratriacontane (C34)	19.256	3012895	21.700 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2856536	21.053 ug/ml
21) T n-Octatriacontane (C38)	20.714	2576485	18.996 ug/ml
22) T n-Tetracontane (C40)	21.596	2046322	15.234 ug/ml

(f)=RT Delta > 1/2 Window

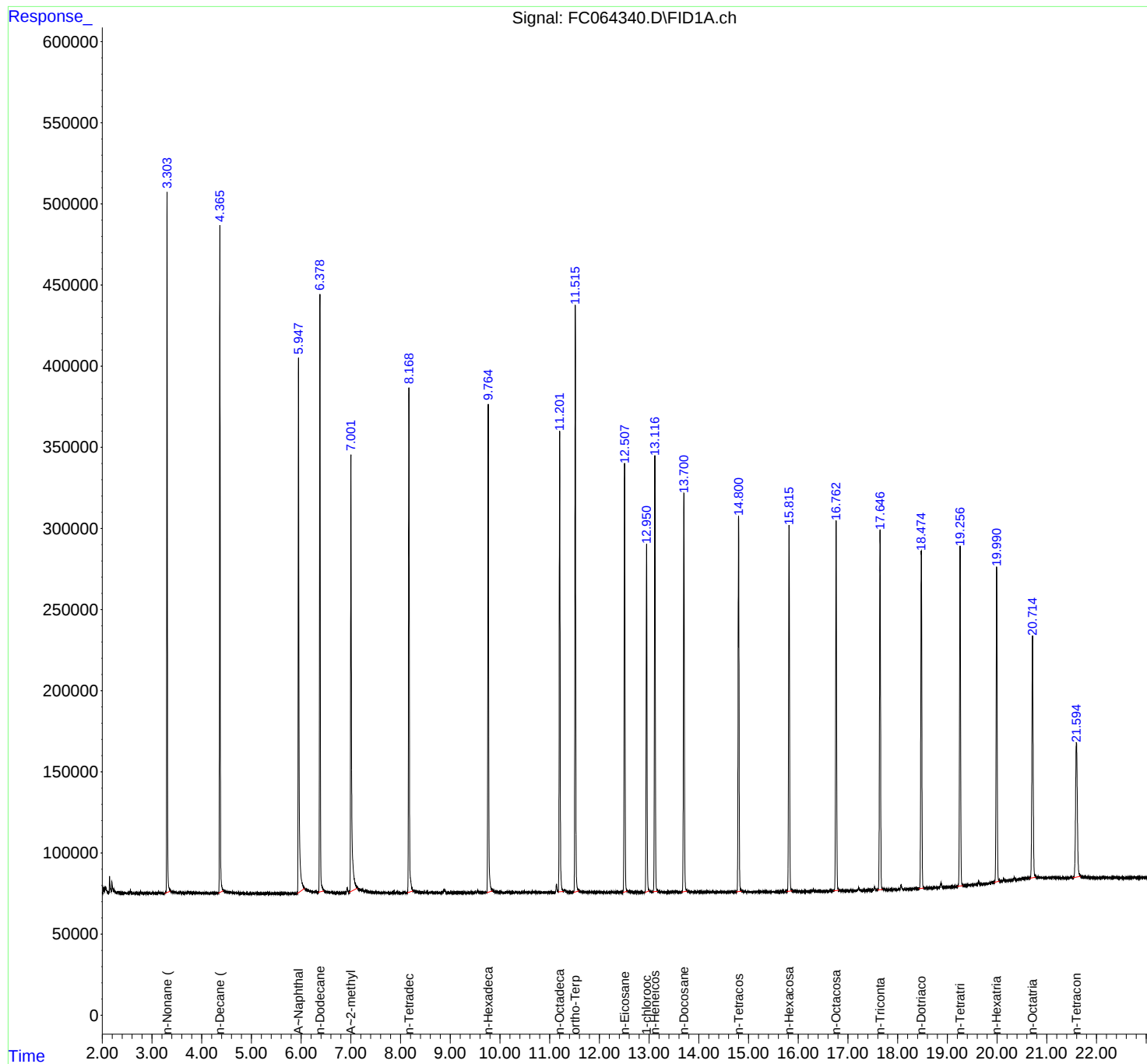
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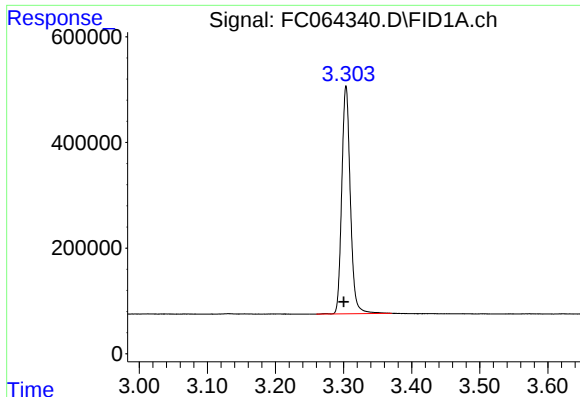
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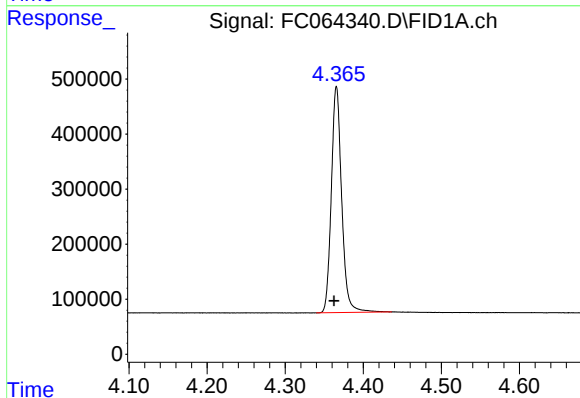




#1 n-Nonane (C9)

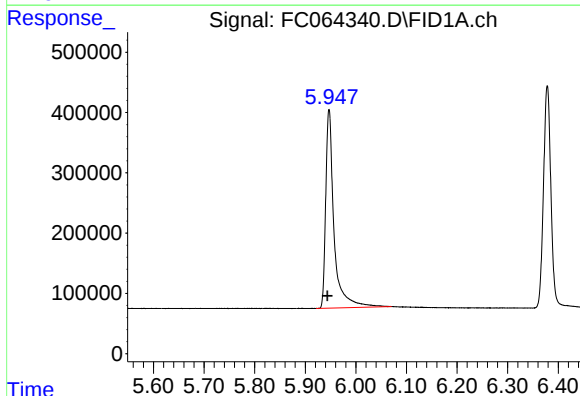
R.T.: 3.304 min
Delta R.T.: 0.004 min
Response: 3773046
Conc: 23.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



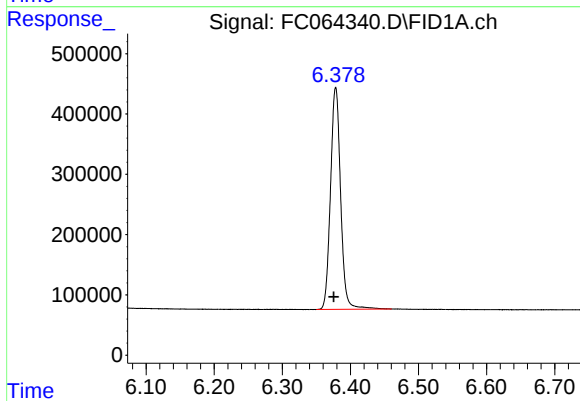
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 3786389
Conc: 23.16 ug/ml



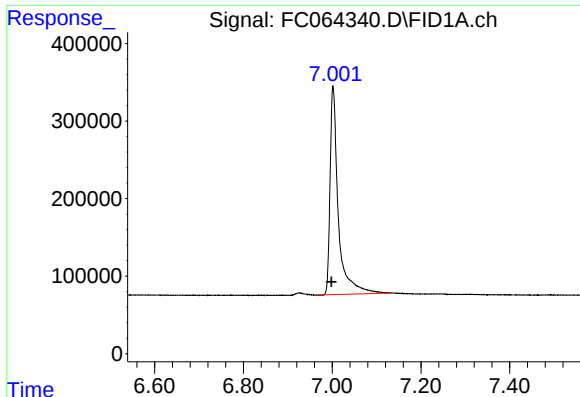
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.004 min
Response: 3774650
Conc: 23.26 ug/ml



#4 n-Dodecane (C12)

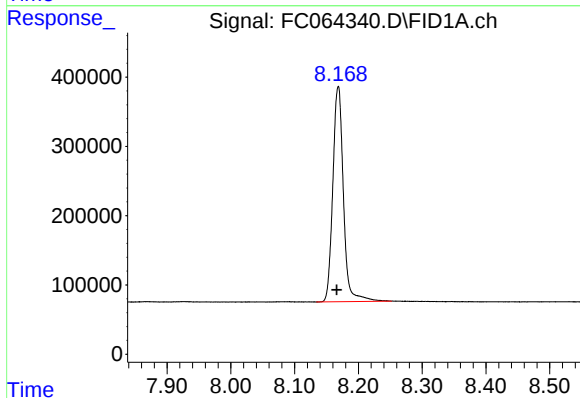
R.T.: 6.378 min
Delta R.T.: 0.003 min
Response: 3800137
Conc: 23.28 ug/ml



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

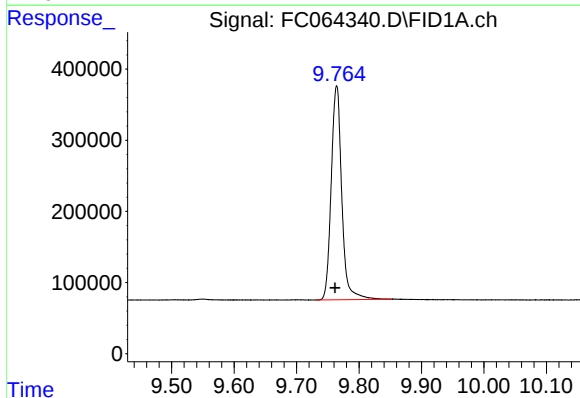
R.T.: 7.002 min
Delta R.T.: 0.004 min
Response: 3471929
Conc: 22.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



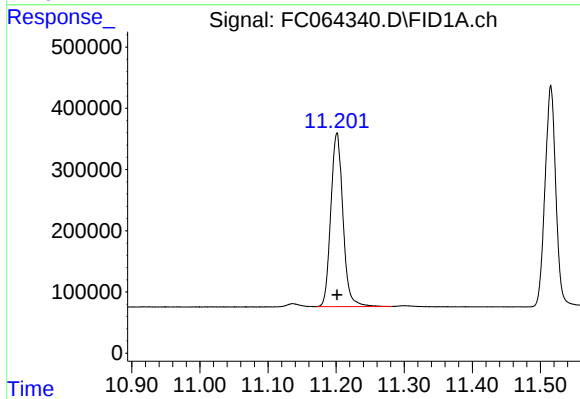
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.002 min
Response: 3597089
Conc: 22.91 ug/ml



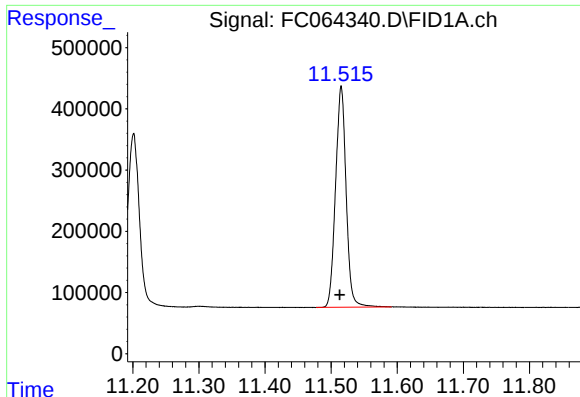
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.002 min
Response: 3534381
Conc: 22.48 ug/ml



#8 n-Octadecane (C18)

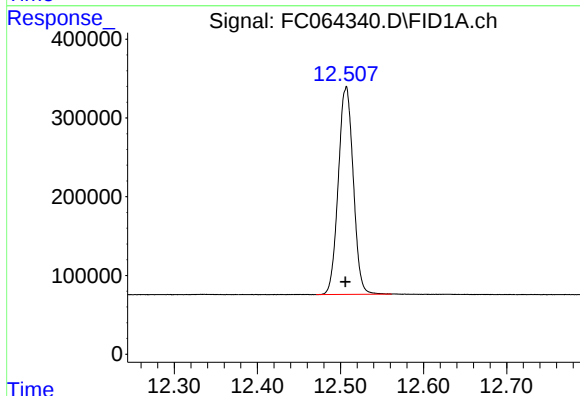
R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 3514438
Conc: 22.18 ug/ml



#9 ortho-Terphenyl (SURR)

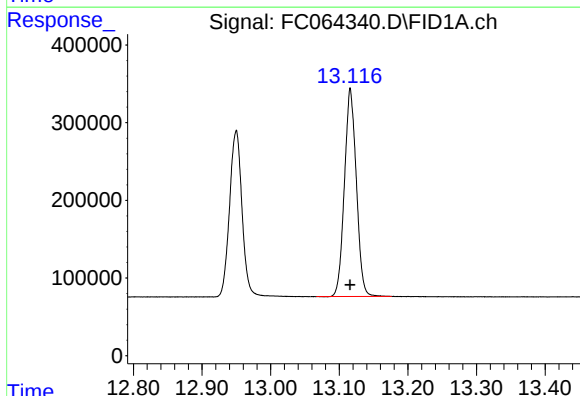
R.T.: 11.515 min
Delta R.T.: 0.002 min
Response: 4010017
Conc: 22.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



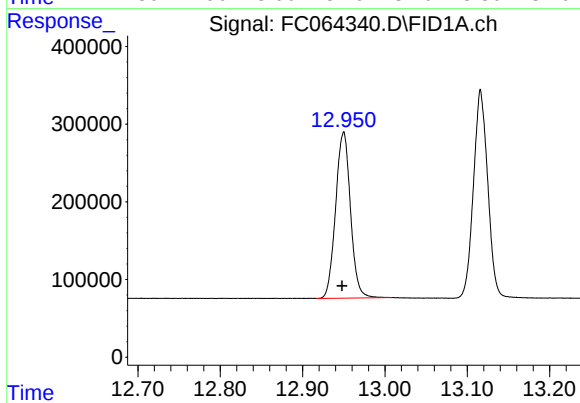
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: 0.001 min
Response: 3295467
Conc: 22.08 ug/ml



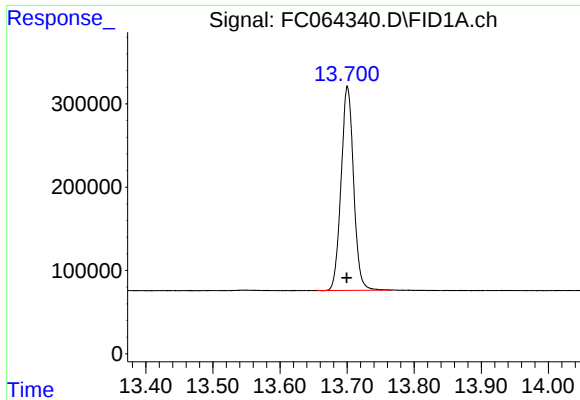
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 3225034
Conc: 22.10 ug/ml



#12 1-chlorooctadecane (SURR)

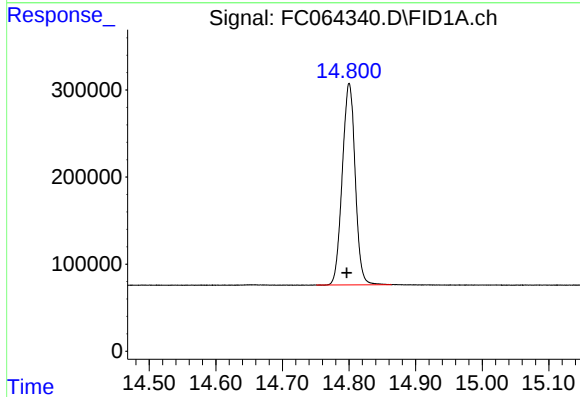
R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 2681009
Conc: 21.26 ug/ml



#13 n-Docosane (C22)

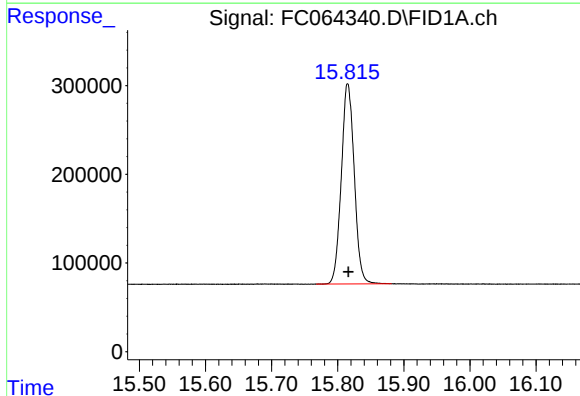
R.T.: 13.701 min
Delta R.T.: 0.001 min
Response: 3167301
Conc: 22.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



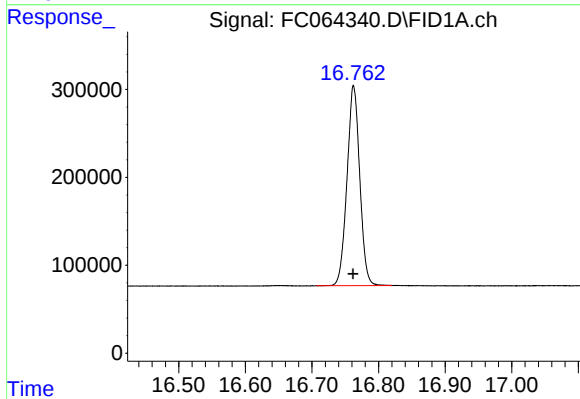
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.003 min
Response: 3121936
Conc: 22.23 ug/ml



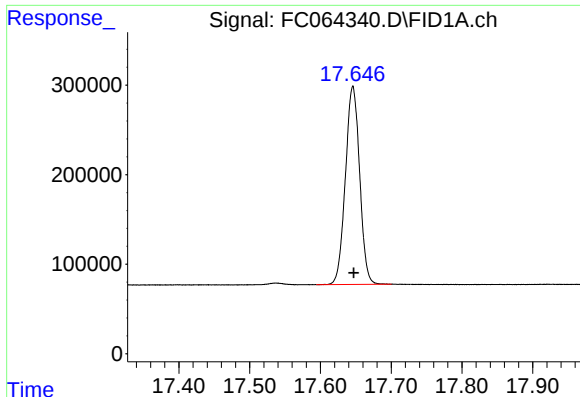
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.000 min
Response: 3073464
Conc: 22.38 ug/ml



#16 n-Octacosane (C28)

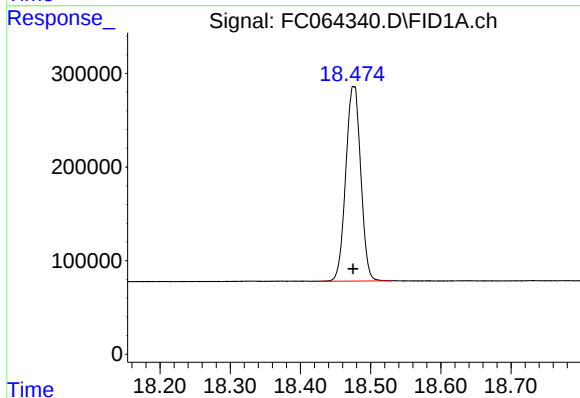
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 3028834
Conc: 22.59 ug/ml



#17 n-Tricontane (C30)

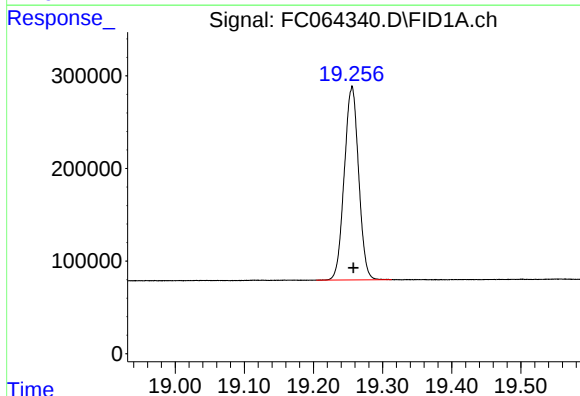
R.T.: 17.646 min
Delta R.T.: -0.001 min
Response: 3097406
Conc: 22.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



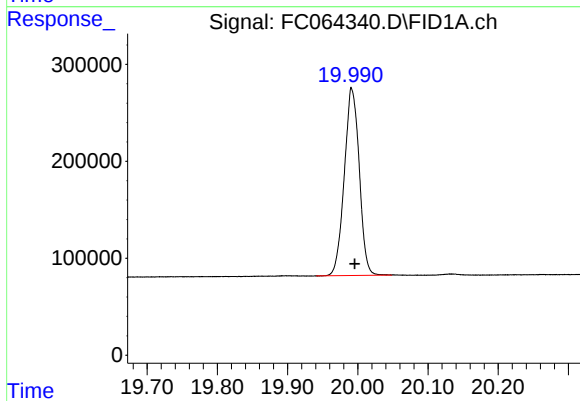
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 3083335
Conc: 21.91 ug/ml



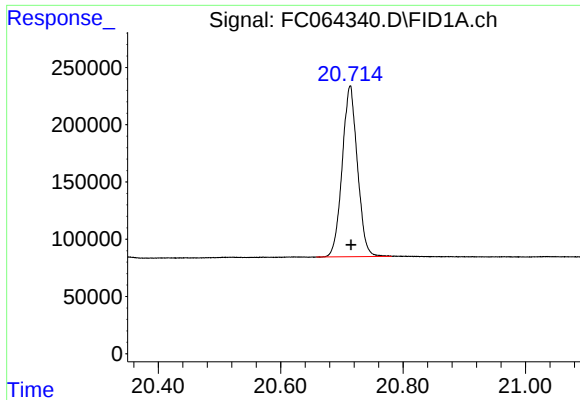
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: -0.002 min
Response: 3012895
Conc: 21.70 ug/ml



#20 n-Hexatriacontane (C36)

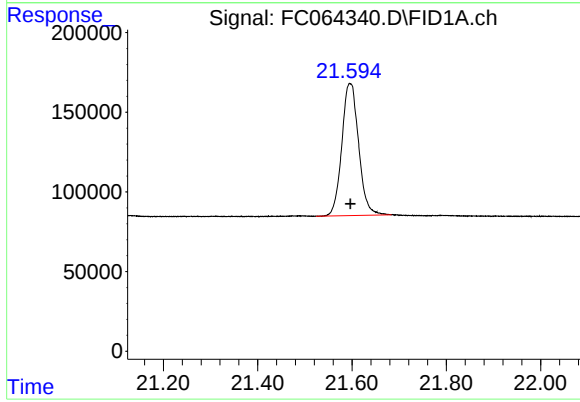
R.T.: 19.991 min
Delta R.T.: -0.005 min
Response: 2856536
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.001 min
Response: 2576485
Conc: 19.00 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: -0.001 min
Response: 2046322
Conc: 15.23 ug/ml