

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064577.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 18:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 14 19:27:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:27:32 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)	11.504	4079907	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.937	2945042	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.300	3578428	20.000 ug/ml
2) T n-Decane (C10)	4.361	3654217	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3864260	20.000 ug/ml
4) T n-Dodecane (C12)	6.371	3682735	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.992	3698416	20.000 ug/ml
6) T n-Tetradecane (C14)	8.160	3590097	20.000 ug/ml
7) T n-Hexadecane (C16)	9.755	3626789	20.000 ug/ml
8) T n-Octadecane (C18)	11.192	3652183	20.000 ug/ml
10) T n-Eicosane (C20)	12.496	3428388	20.000 ug/ml
11) T n-Heneicosane (C21)	13.104	3337275	20.000 ug/ml
13) T n-Docosane (C22)	13.689	3283517	20.000 ug/ml
14) T n-Tetracosane (C24)	14.787	3198130	20.000 ug/ml
15) T n-Hexacosane (C26)	15.804	3079872	20.000 ug/ml
16) T n-Octacosane (C28)	16.752	2985553	20.000 ug/ml
17) T n-Tricontane (C30)	17.636	3002899	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.464	2943923	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.247	2883678	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.982	2796528	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.700	2789954	20.000 ug/ml
22) T n-Tetracontane (C40)	21.582	2773418	20.000 ug/ml

(f)=RT Delta > 1/2 Window

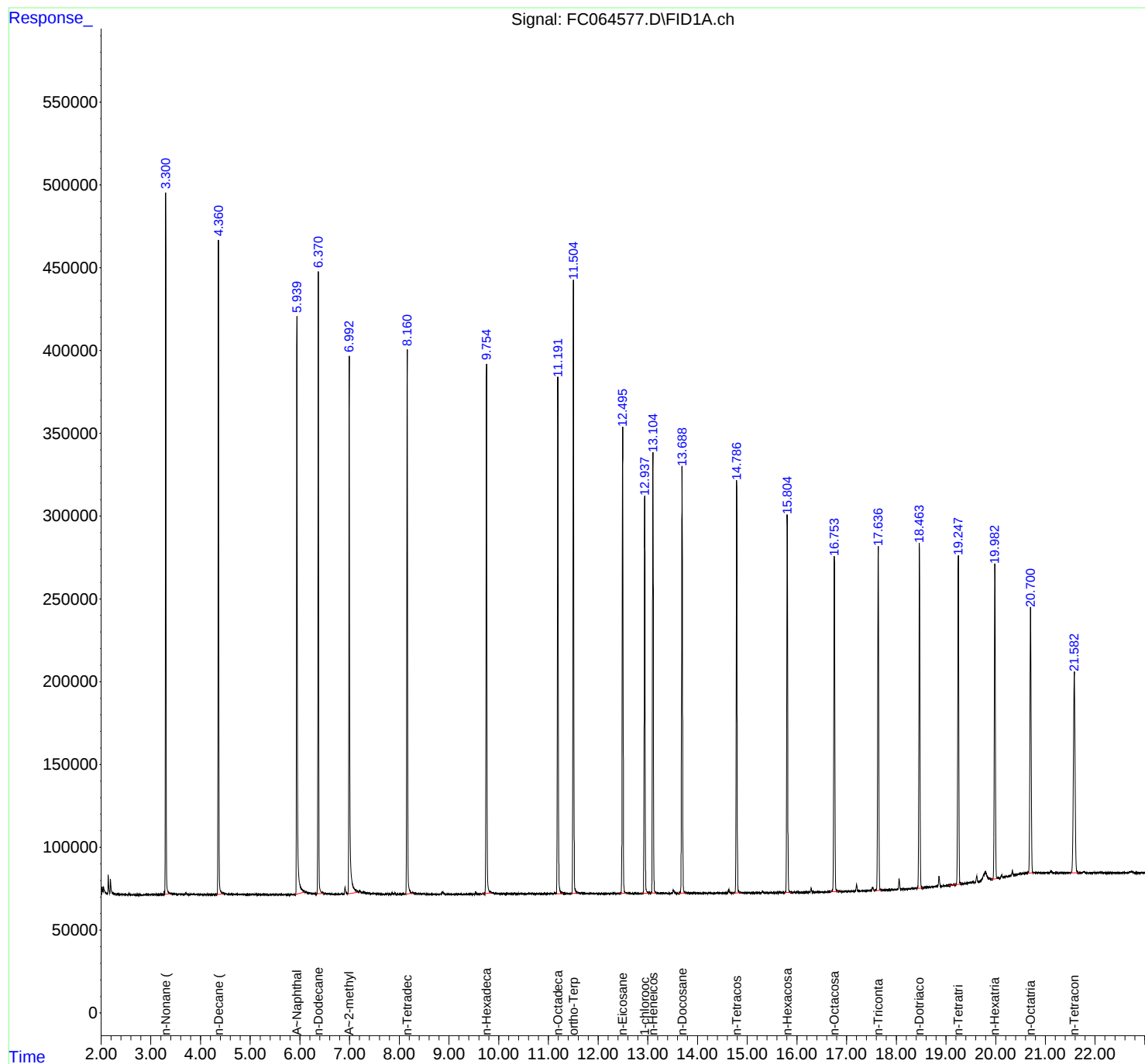
(m)=manual int.

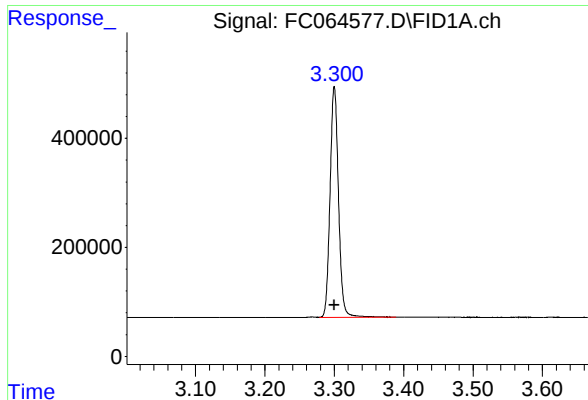
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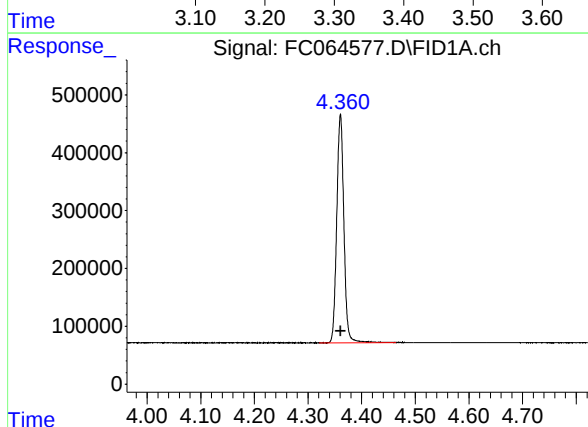




#1 n-Nonane (C9)

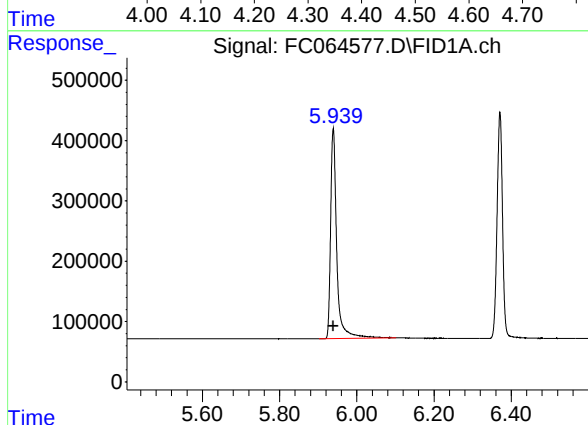
R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 3578428
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



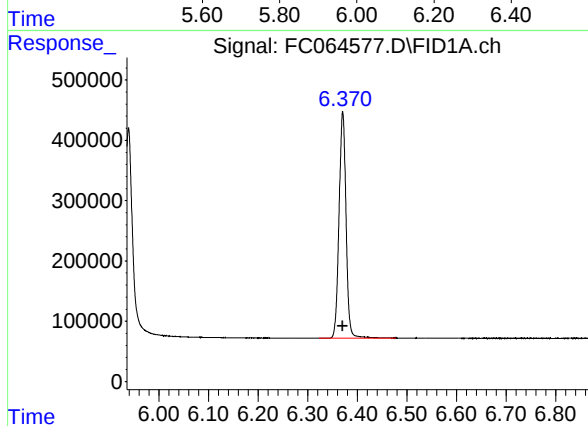
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 3654217
Conc: 20.00 ug/ml



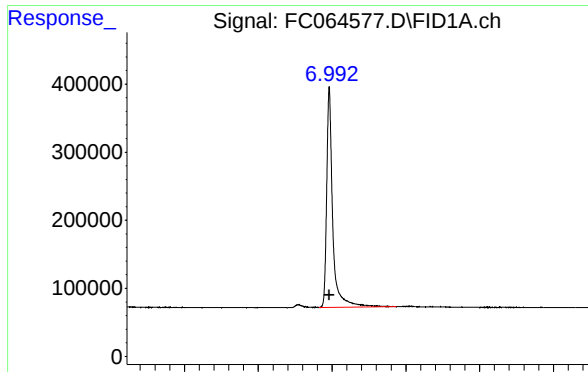
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 3864260
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

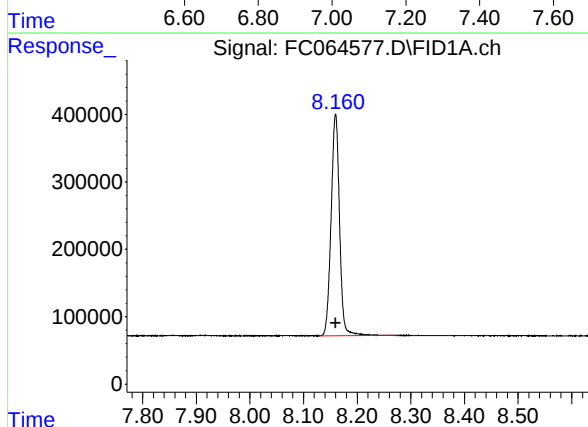
R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 3682735
Conc: 20.00 ug/ml



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

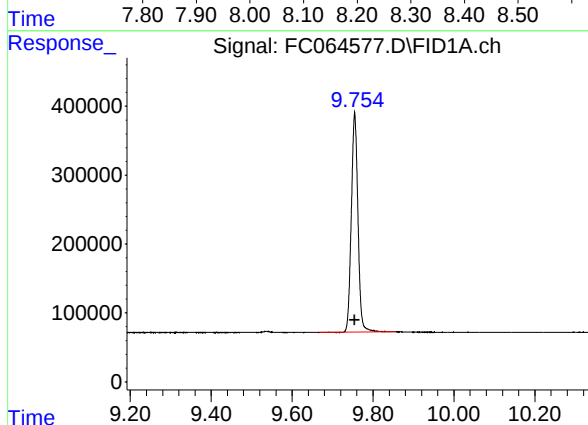
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 3698416
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



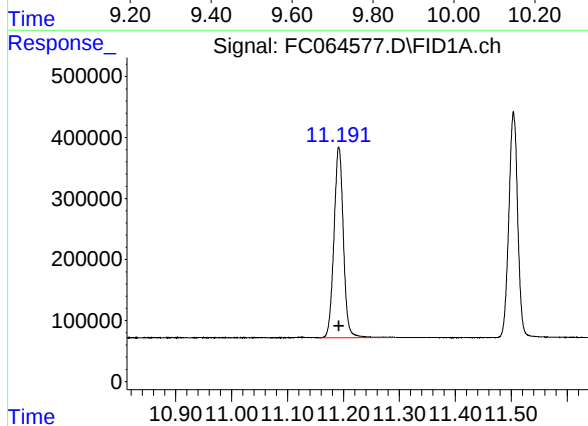
#6 n-Tetradecane (C14)

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 3590097
Conc: 20.00 ug/ml



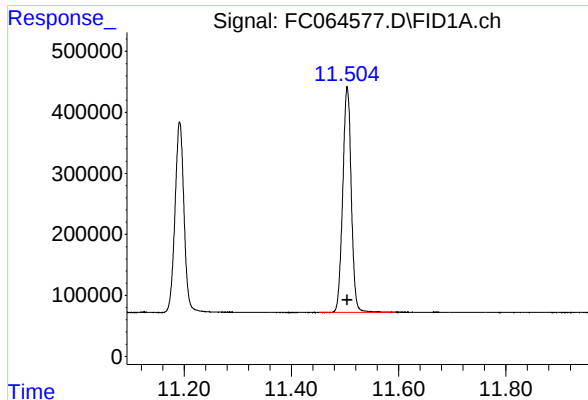
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 3626789
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

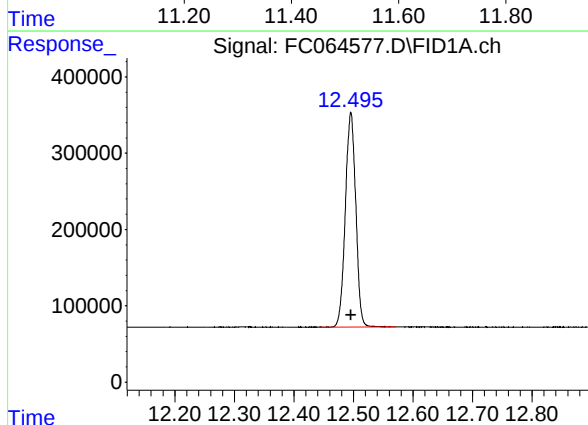
R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 3652183
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

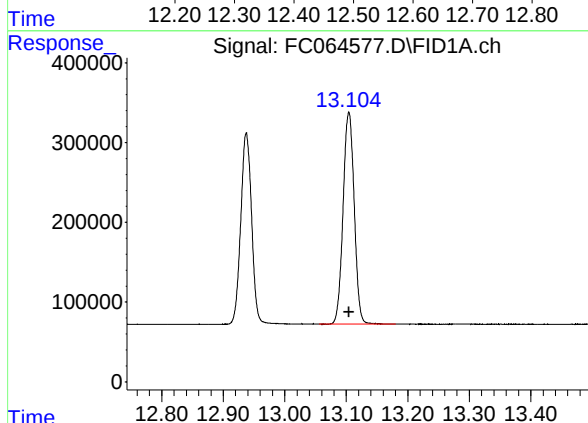
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 4079907
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



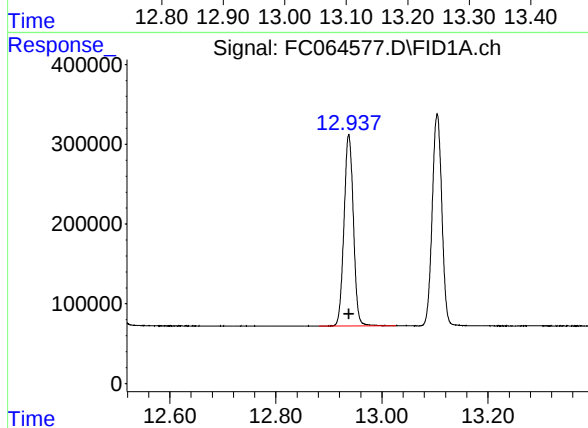
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.000 min
Response: 3428388
Conc: 20.00 ug/ml



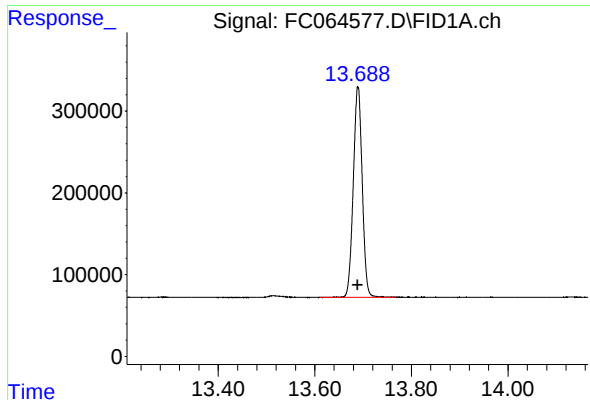
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 3337275
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

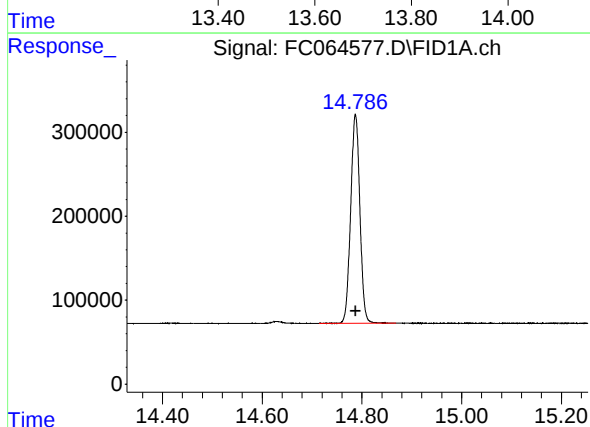
R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 2945042
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

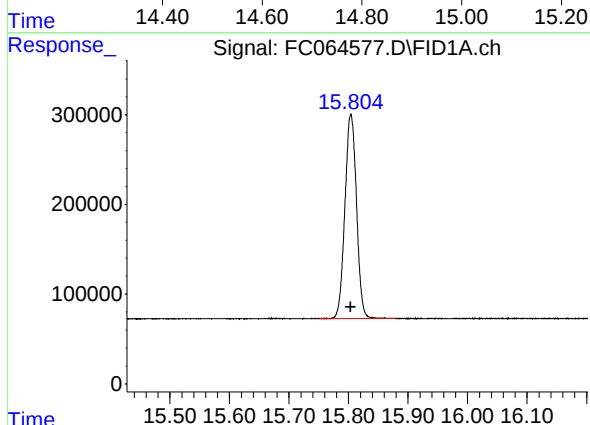
R.T.: 13.689 min
Delta R.T.: 0.000 min
Response: 3283517
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



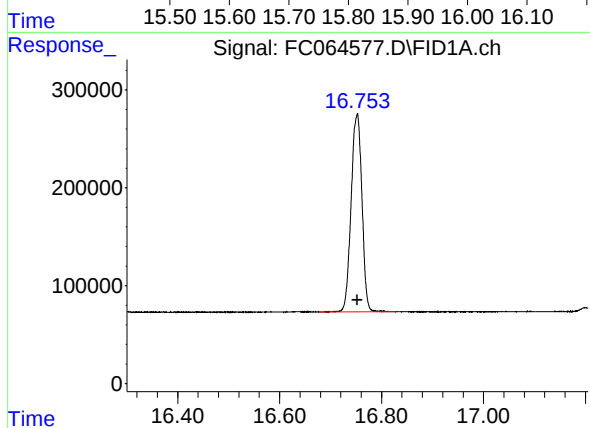
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: 0.000 min
Response: 3198130
Conc: 20.00 ug/ml



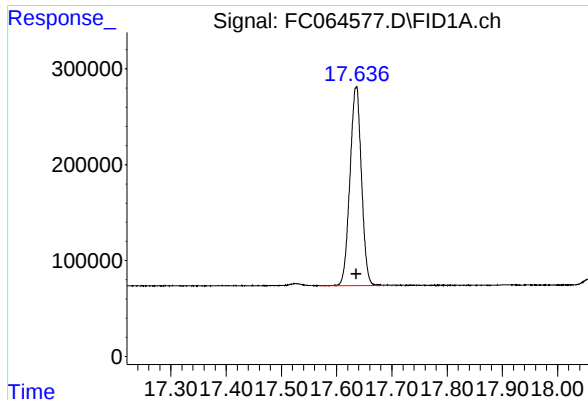
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.000 min
Response: 3079872
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

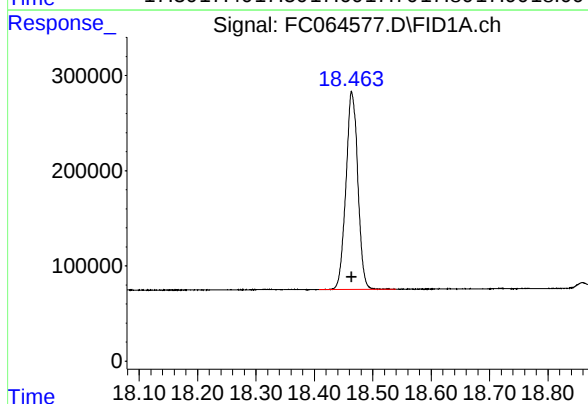
R.T.: 16.752 min
Delta R.T.: 0.000 min
Response: 2985553
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

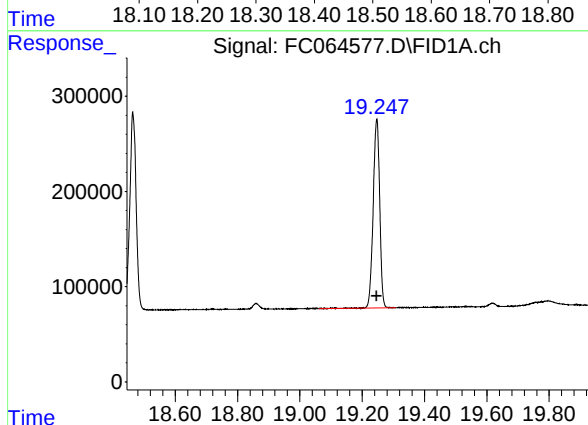
R.T.: 17.636 min
Delta R.T.: 0.000 min
Response: 3002899
Conc: 20.00 ug/ml

Instrument :
FID_C
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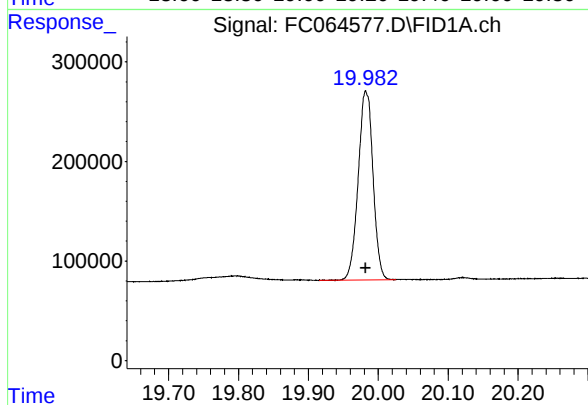
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: 0.000 min
Response: 2943923
Conc: 20.00 ug/ml



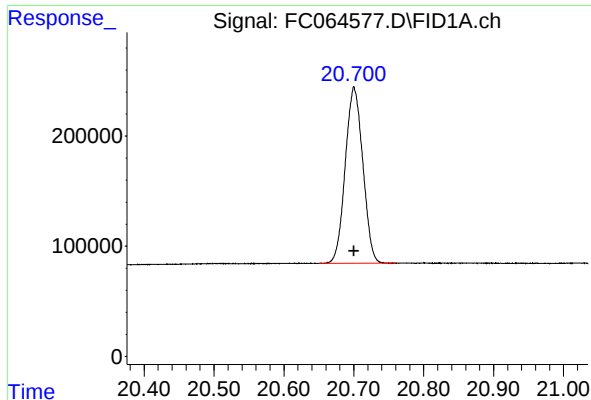
#19 n-Tetatriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.000 min
Response: 2883678
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

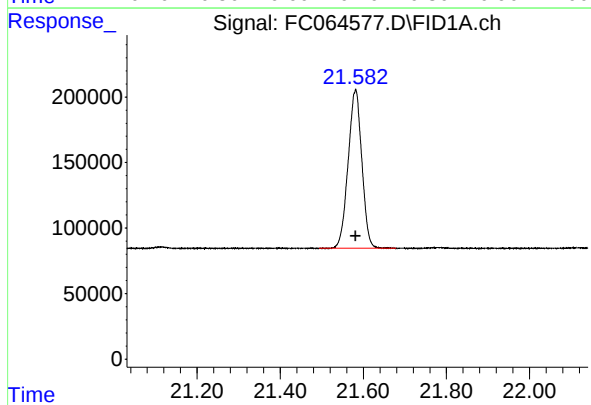
R.T.: 19.982 min
Delta R.T.: 0.000 min
Response: 2796528
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: 0.000 min
Response: 2789954
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: 0.000 min
Response: 2773418
Conc: 20.00 ug/ml