

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061724AL\
 Data File : FC066611.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2024 11:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 17 12:32:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 12:31:48 2024
 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)	11.547	3402618	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.986	2740680	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.299	2858072	20.000 ug/ml
2) T n-Decane (C10)	4.367	2937574	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.954	3187564	20.000 ug/ml
4) T n-Dodecane (C12)	6.388	2981314	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.012	3132764	20.000 ug/ml
6) T n-Tetradecane (C14)	8.185	2988129	20.000 ug/ml
7) T n-Hexadecane (C16)	9.788	3152739	20.000 ug/ml
8) T n-Octadecane (C18)	11.231	3280169	20.000 ug/ml
10) T n-Eicosane (C20)	12.541	3225352	20.000 ug/ml
11) T n-Heneicosane (C21)	13.153	3204524	20.000 ug/ml
13) T n-Docosane (C22)	13.739	3197709	20.000 ug/ml
14) T n-Tetracosane (C24)	14.842	3172618	20.000 ug/ml
15) T n-Hexacosane (C26)	15.864	3052759	20.000 ug/ml
16) T n-Octacosane (C28)	16.814	2889637	20.000 ug/ml
17) T n-Tricontane (C30)	17.702	2778464	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.535	2614455	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2439898	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.058	2451317	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.793	2266207	20.000 ug/ml
22) T n-Tetracontane (C40)	21.700	2169305	20.000 ug/ml

(f)=RT Delta > 1/2 Window

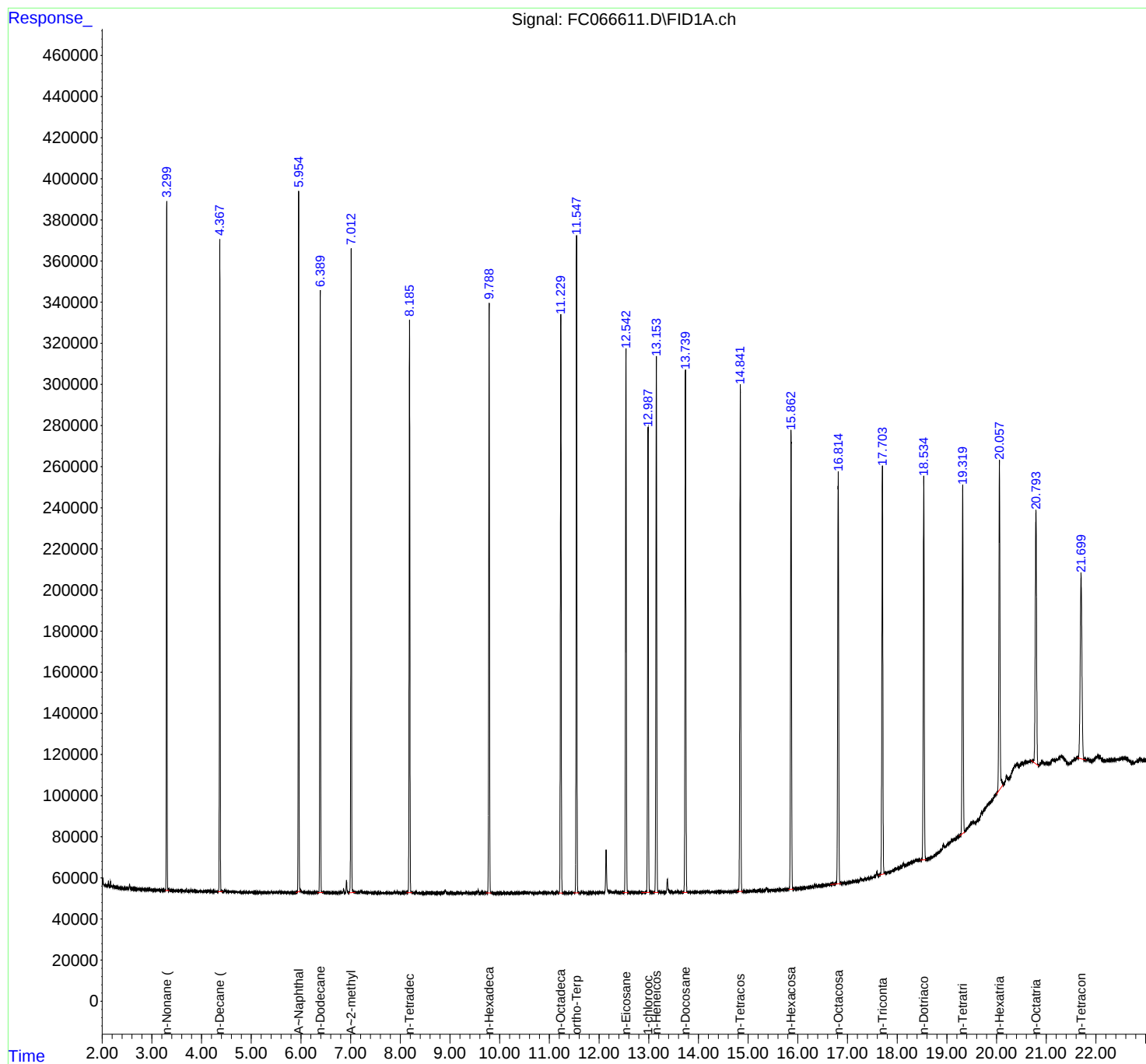
(m)=manual int.

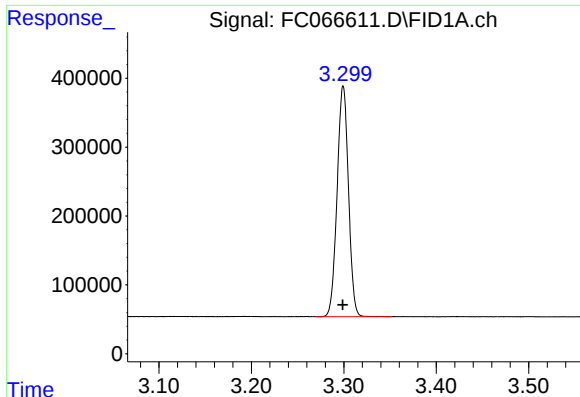
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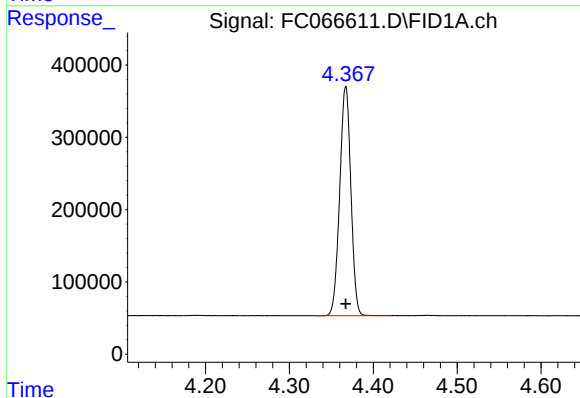




#1 n-Nonane (C9)

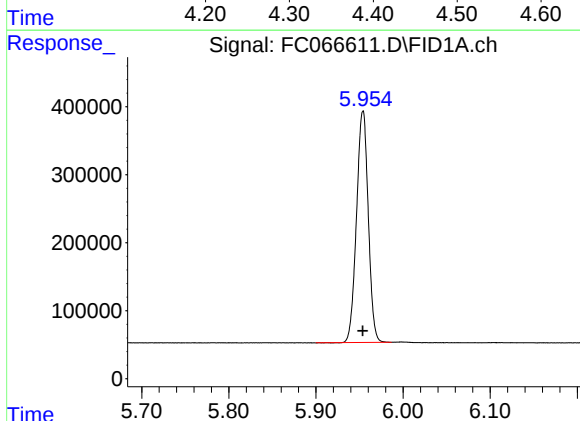
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 2858072
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



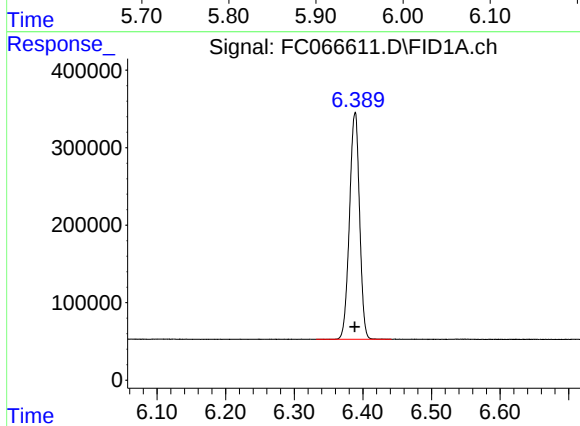
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 2937574
Conc: 20.00 ug/ml



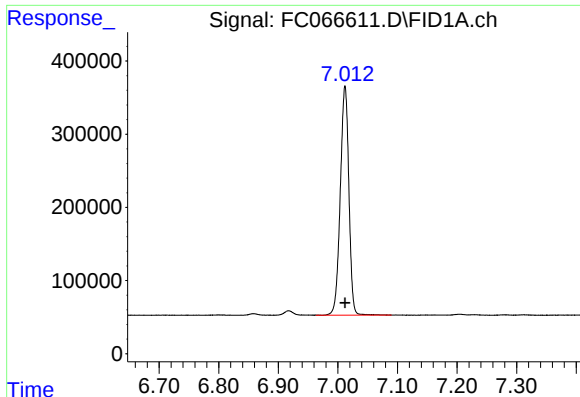
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 3187564
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

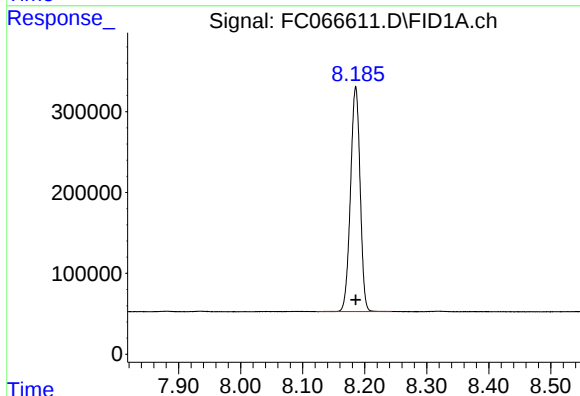
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 2981314
Conc: 20.00 ug/ml



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

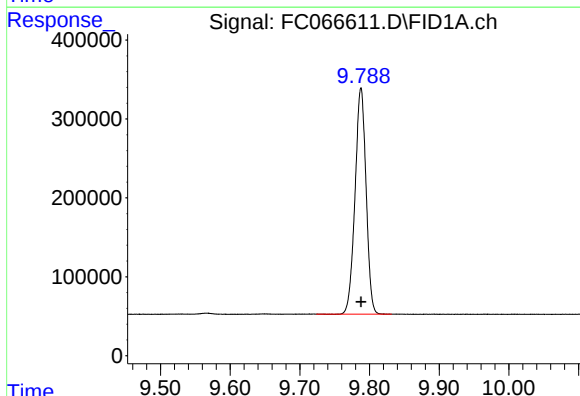
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 3132764
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



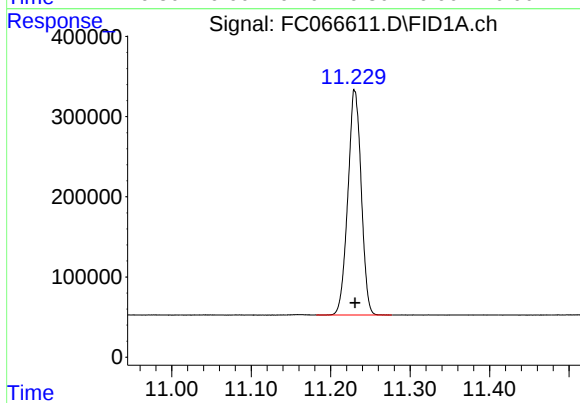
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 2988129
Conc: 20.00 ug/ml



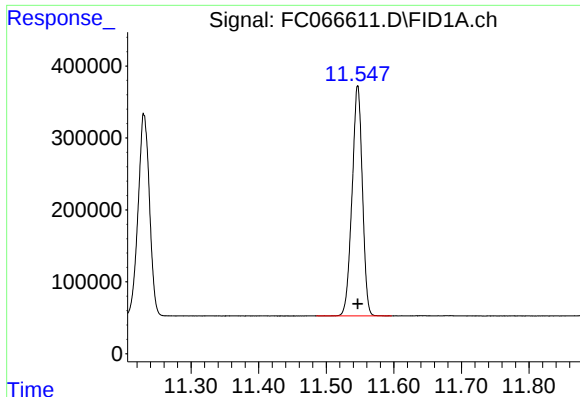
#7 n-Hexadecane (C16)

R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 3152739
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

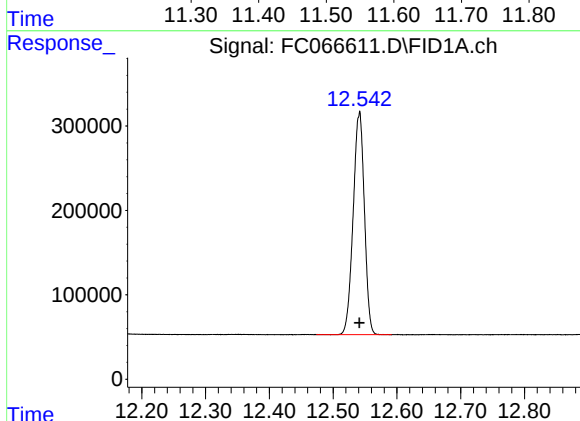
R.T.: 11.231 min
Delta R.T.: 0.000 min
Response: 3280169
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

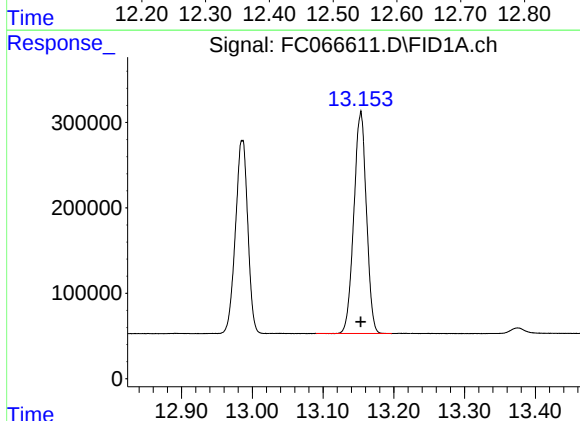
R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 3402618
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



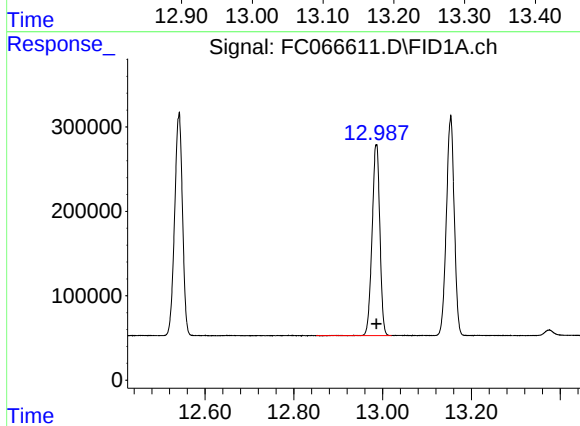
#10 n-Eicosane (C20)

R.T.: 12.541 min
Delta R.T.: 0.000 min
Response: 3225352
Conc: 20.00 ug/ml



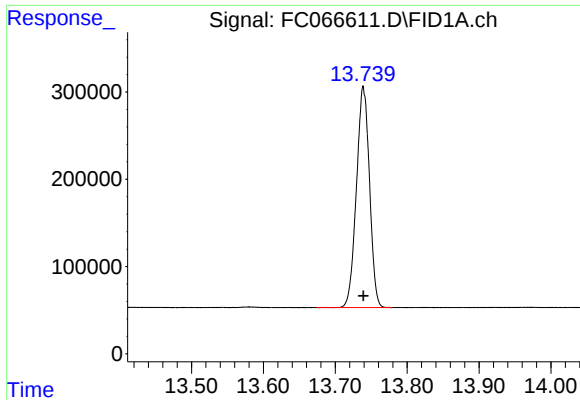
#11 n-Heneicosane (C21)

R.T.: 13.153 min
Delta R.T.: 0.000 min
Response: 3204524
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

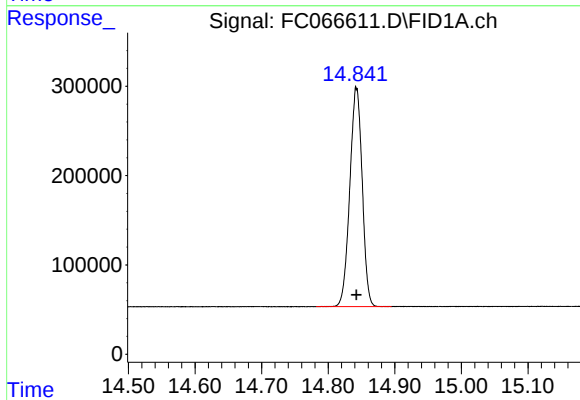
R.T.: 12.986 min
Delta R.T.: 0.000 min
Response: 2740680
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

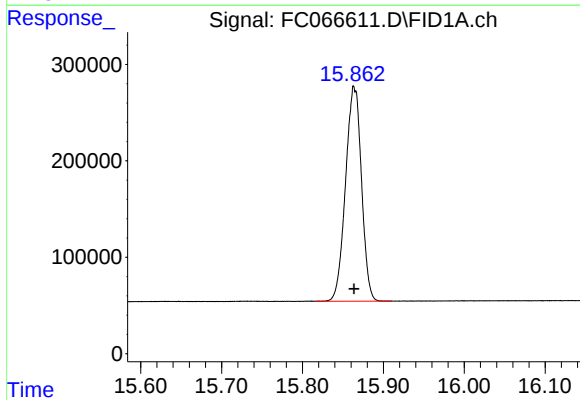
R.T.: 13.739 min
Delta R.T.: 0.000 min
Response: 3197709
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



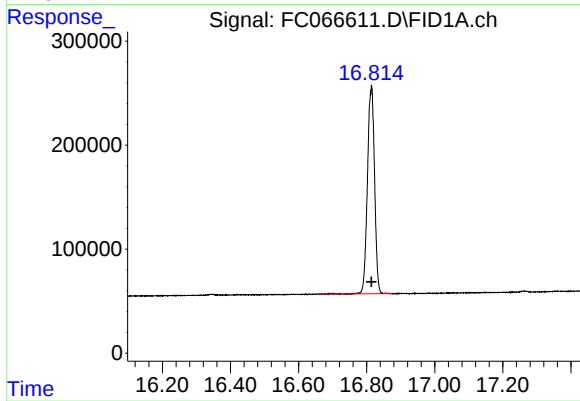
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: 0.000 min
Response: 3172618
Conc: 20.00 ug/ml



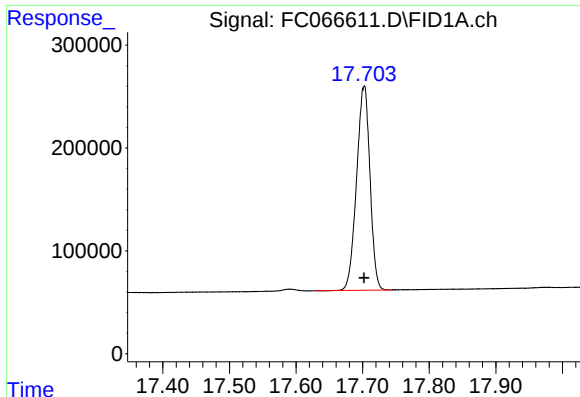
#15 n-Hexacosane (C26)

R.T.: 15.864 min
Delta R.T.: 0.000 min
Response: 3052759
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

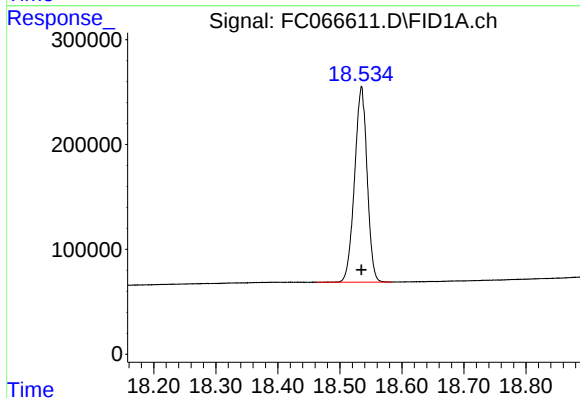
R.T.: 16.814 min
Delta R.T.: 0.000 min
Response: 2889637
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

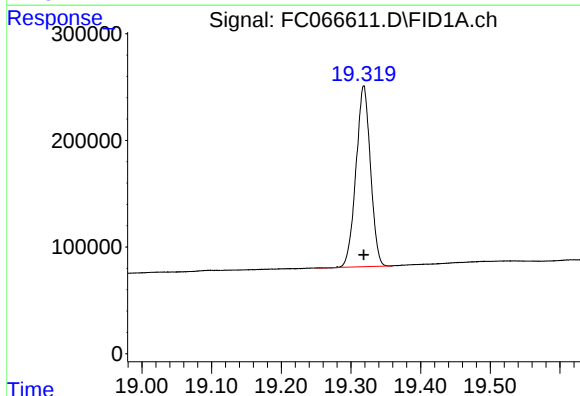
R.T.: 17.702 min
Delta R.T.: 0.000 min
Response: 2778464
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



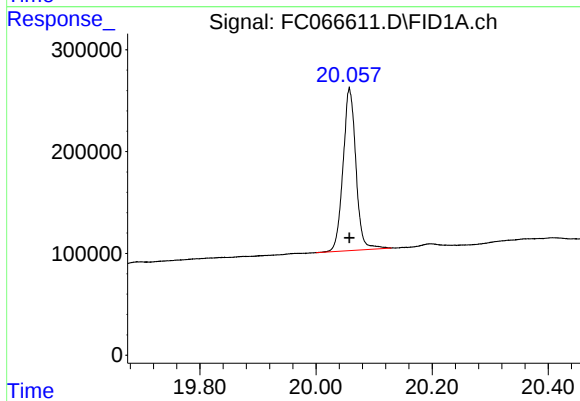
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: 0.000 min
Response: 2614455
Conc: 20.00 ug/ml



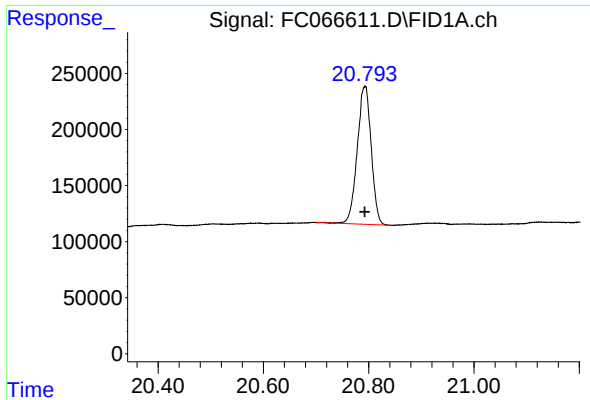
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: 0.000 min
Response: 2439898
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

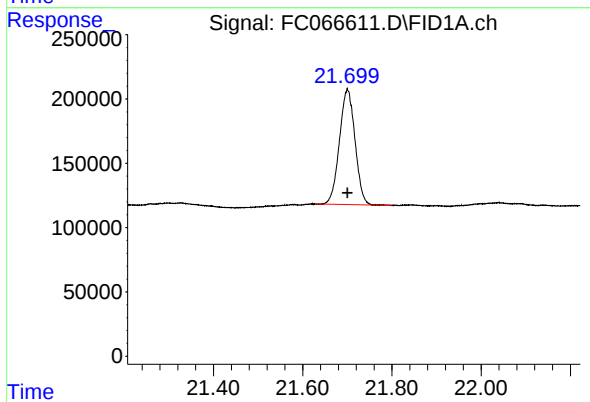
R.T.: 20.058 min
Delta R.T.: 0.000 min
Response: 2451317
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: 0.000 min
Response: 2266207
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: 0.000 min
Response: 2169305
Conc: 20.00 ug/ml