

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071524AL\
 Data File : FC066792.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2024 11:19
 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: Jul 15 13:51:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:49:40 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)	11.523	3036979	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.962	2224318	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.286	2866735	20.000 ug/ml
2) T n-Decane (C10)	4.353	2943486	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.935	3175386	20.000 ug/ml
4) T n-Dodecane (C12)	6.373	2959730	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.992	3047187	20.000 ug/ml
6) T n-Tetradecane (C14)	8.168	2900023	20.000 ug/ml
7) T n-Hexadecane (C16)	9.769	2977742	20.000 ug/ml
8) T n-Octadecane (C18)	11.210	2950229	20.000 ug/ml
10) T n-Eicosane (C20)	12.519	2767651	20.000 ug/ml
11) T n-Heneicosane (C21)	13.130	2700516	20.000 ug/ml
13) T n-Docosane (C22)	13.717	2658759	20.000 ug/ml
14) T n-Tetracosane (C24)	14.819	2623445	20.000 ug/ml
15) T n-Hexacosane (C26)	15.840	2563156	20.000 ug/ml
16) T n-Octacosane (C28)	16.788	2499215	20.000 ug/ml
17) T n-Tricontane (C30)	17.676	2544442	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.507	2503675	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.291	2484251	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.031	2317791	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.760	2222127	20.000 ug/ml
22) T n-Tetracontane (C40)	21.658	2169695	20.000 ug/ml

(f)=RT Delta > 1/2 Window

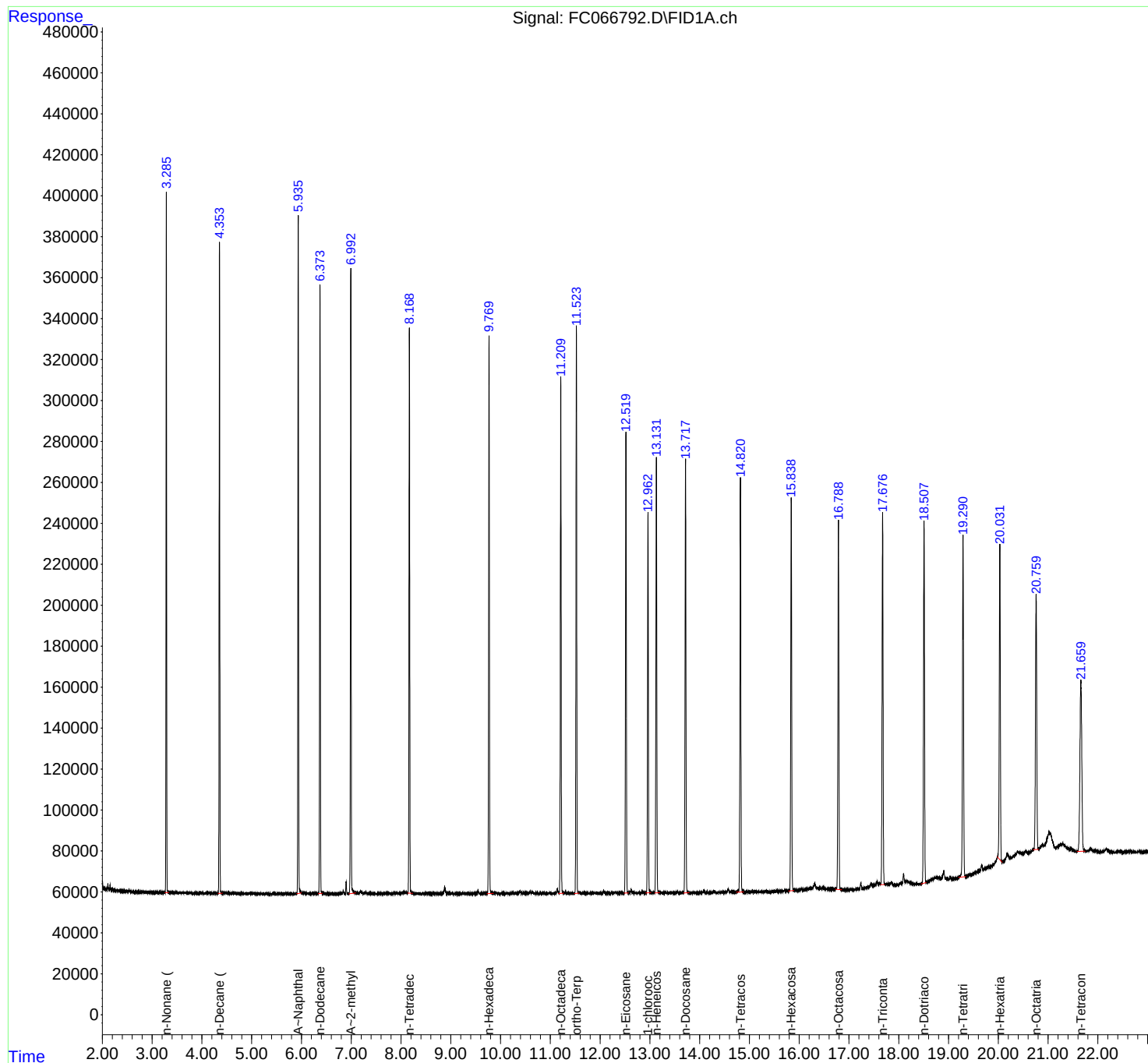
(m)=manual int.

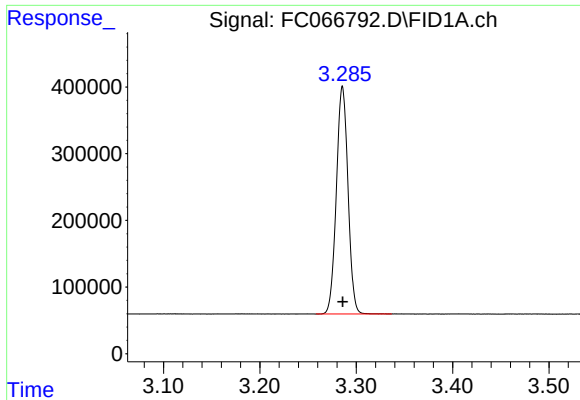
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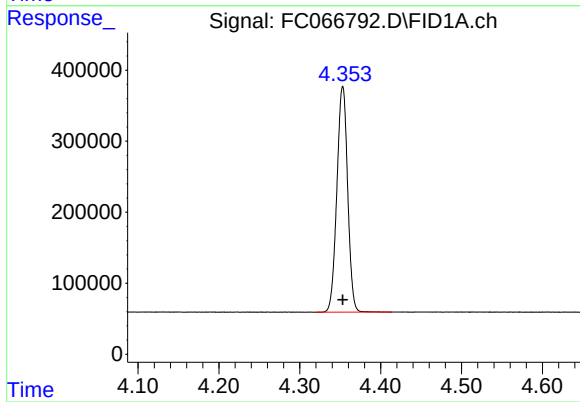




#1 n-Nonane (C9)

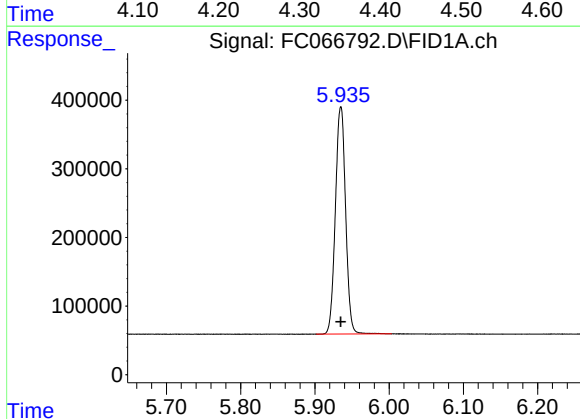
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 2866735
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



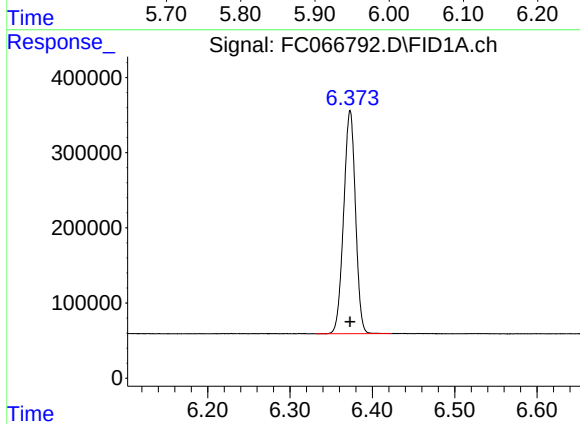
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 2943486
Conc: 20.00 ug/ml



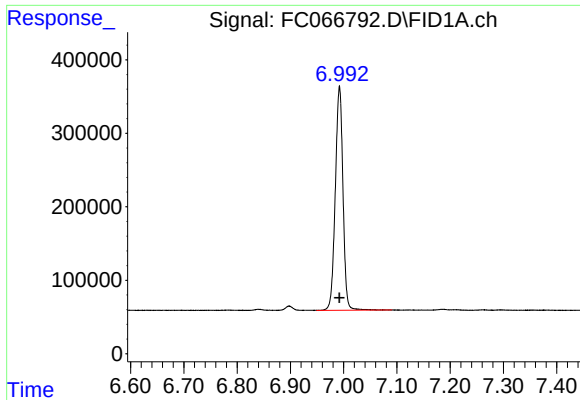
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 3175386
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

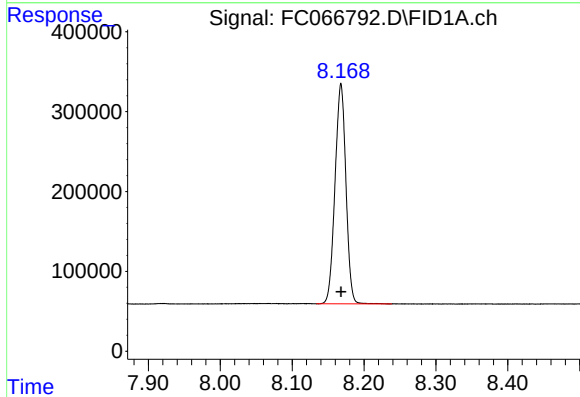
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 2959730
Conc: 20.00 ug/ml



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

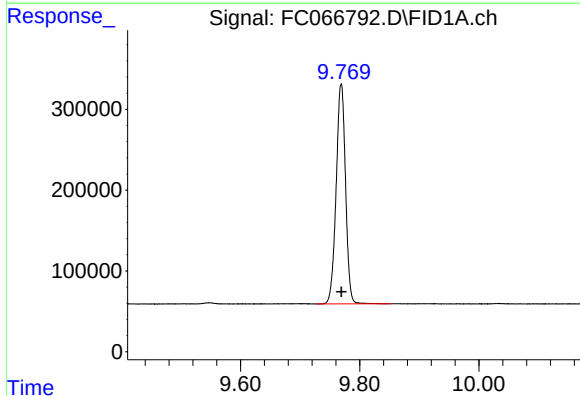
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 3047187
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



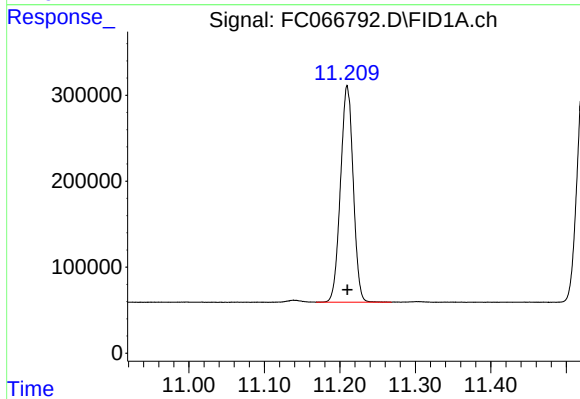
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 2900023
Conc: 20.00 ug/ml



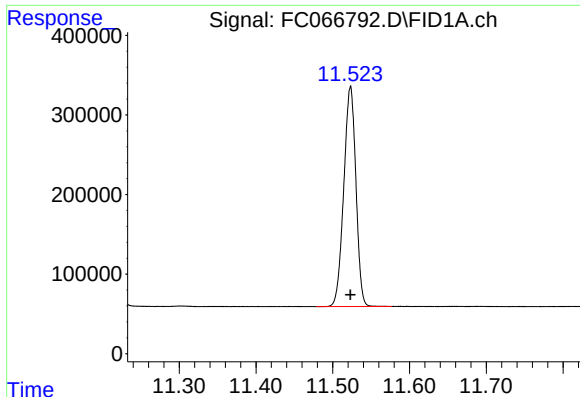
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: 0.000 min
Response: 2977742
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

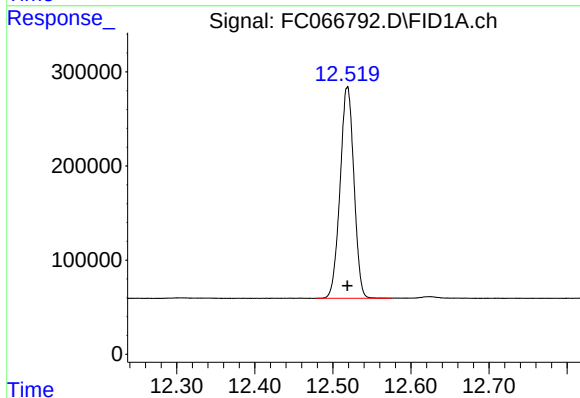
R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 2950229
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

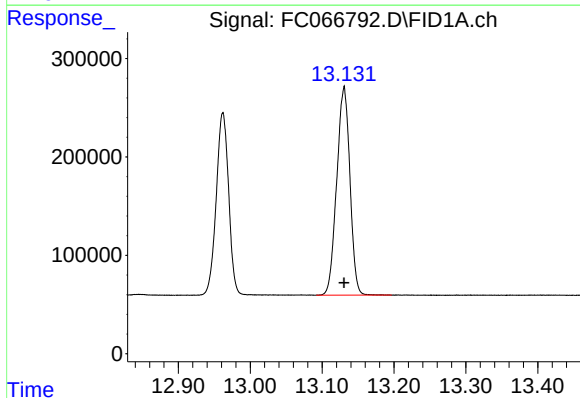
R.T.: 11.523 min
Delta R.T.: 0.000 min
Response: 3036979
Conc: 20.00 ug/ml

Instrument :
FID_C
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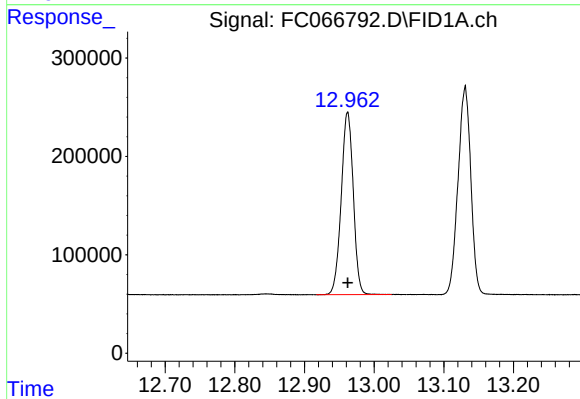
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.000 min
Response: 2767651
Conc: 20.00 ug/ml



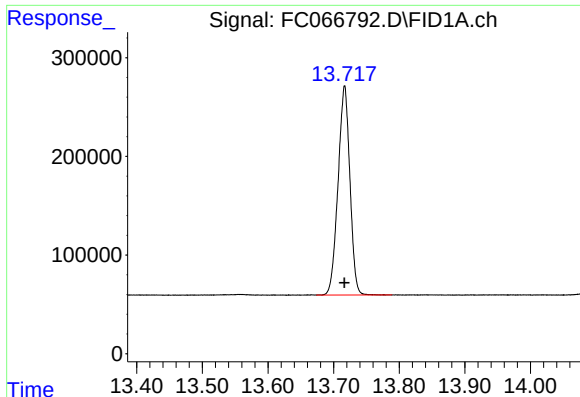
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: 0.000 min
Response: 2700516
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

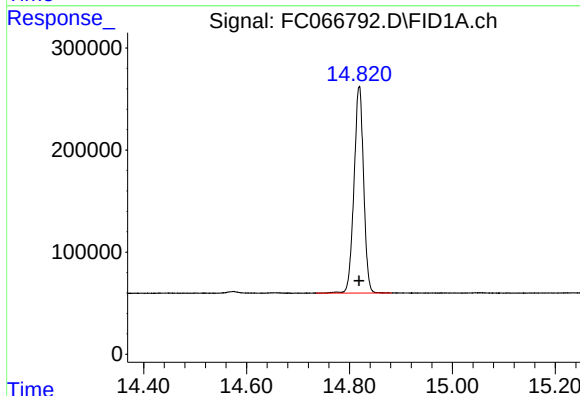
R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 2224318
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

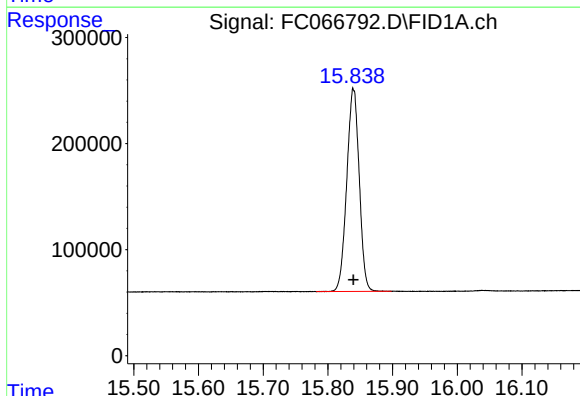
R.T.: 13.717 min
Delta R.T.: 0.000 min
Response: 2658759
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



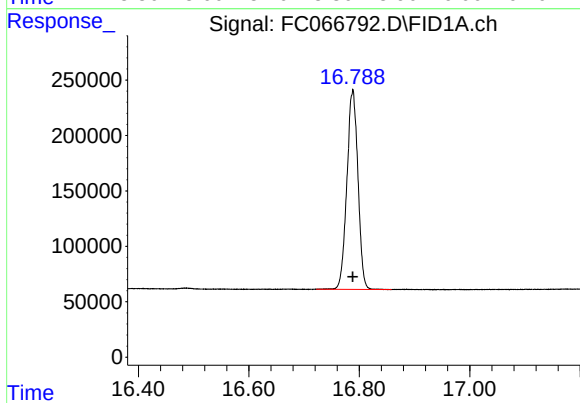
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.000 min
Response: 2623445
Conc: 20.00 ug/ml



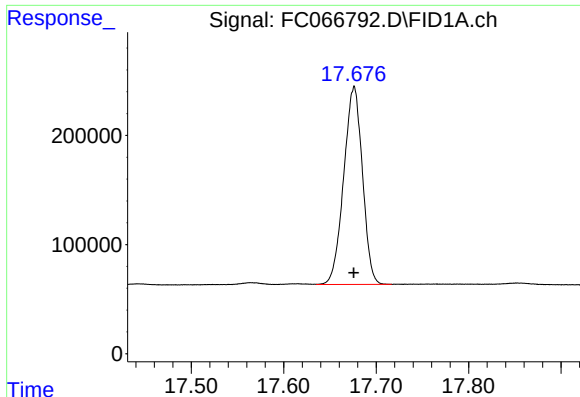
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.000 min
Response: 2563156
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

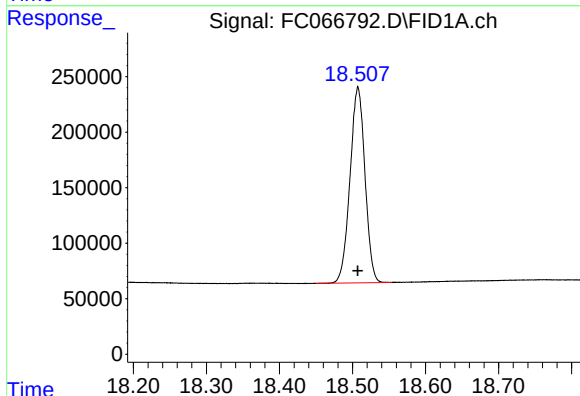
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 2499215
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

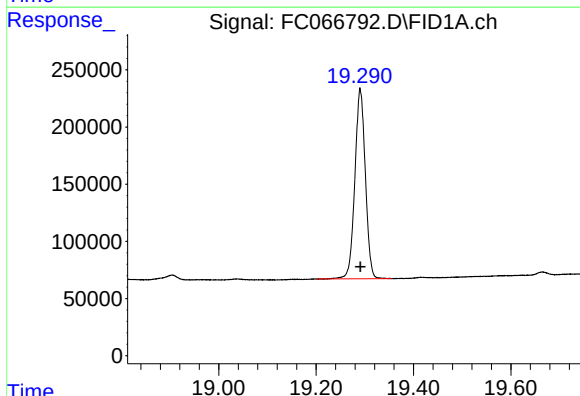
R.T.: 17.676 min
Delta R.T.: 0.000 min
Response: 2544442
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



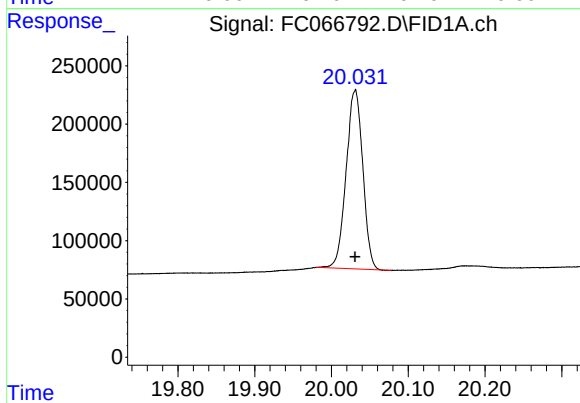
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: 0.000 min
Response: 2503675
Conc: 20.00 ug/ml



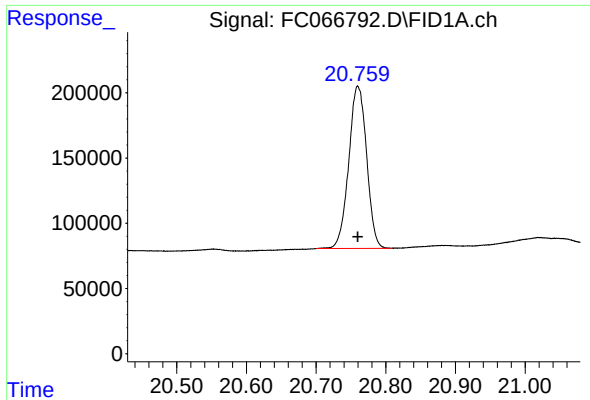
#19 n-Tetratriacontane (C34)

R.T.: 19.291 min
Delta R.T.: 0.000 min
Response: 2484251
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

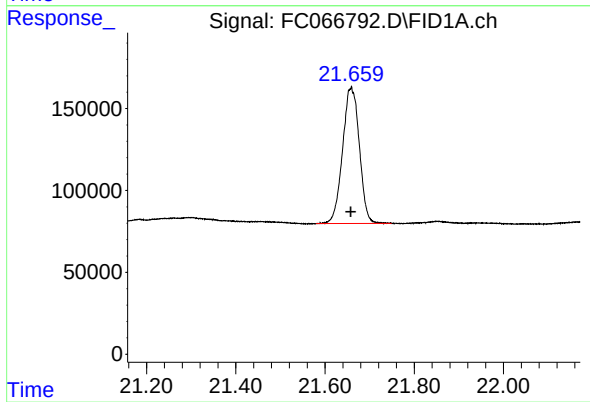
R.T.: 20.031 min
Delta R.T.: 0.000 min
Response: 2317791
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.760 min
Delta R.T.: 0.000 min
Response: 2222127
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.658 min
Delta R.T.: 0.000 min
Response: 2169695
Conc: 20.00 ug/ml