

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052924AL\
 Data File : FC066505.D
 Signal(s) : FID1A.ch
 Acq On : 29 May 2024 12:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 30 01:19:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.558	2881123	18.955 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	12.997	2171440	19.003 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
Target Compounds			
1) T n-Nonane (C9)	3.311	2684775	19.183 ug/ml
2) T n-Decane (C10)	4.380	2737446	19.025 ug/ml
3) T A~Naphthalene (C11.7)	5.965	3019588	18.949 ug/ml
4) T n-Dodecane (C12)	6.402	2740747	19.034 ug/ml
5) T A~2-methylnaphthalene...	7.023	2909685	18.972 ug/ml
6) T n-Tetradecane (C14)	8.199	2682377	19.001 ug/ml
7) T n-Hexadecane (C16)	9.800	2731132	19.004 ug/ml
8) T n-Octadecane (C18)	11.243	2716292	18.981 ug/ml
10) T n-Eicosane (C20)	12.553	2579434	18.957 ug/ml
11) T n-Heneicosane (C21)	13.166	2529299	18.974 ug/ml
13) T n-Docosane (C22)	13.753	2501735	18.982 ug/ml
14) T n-Tetracosane (C24)	14.855	2484826	19.088 ug/ml
15) T n-Hexacosane (C26)	15.877	2438469	19.173 ug/ml
16) T n-Octacosane (C28)	16.827	2402464	19.351 ug/ml
17) T n-Tricontane (C30)	17.714	2453035	19.464 ug/ml
18) T n-Dotriacontane (C32)	18.548	2420243	19.664 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2331735	19.443 ug/ml
20) T n-Hexatriacontane (C36)	20.071	2231614	18.419 ug/ml
21) T n-Octatriacontane (C38)	20.808	2198086	19.001 ug/ml
22) T n-Tetracontane (C40)	21.718	2151031	17.560 ug/ml

(f)=RT Delta > 1/2 Window

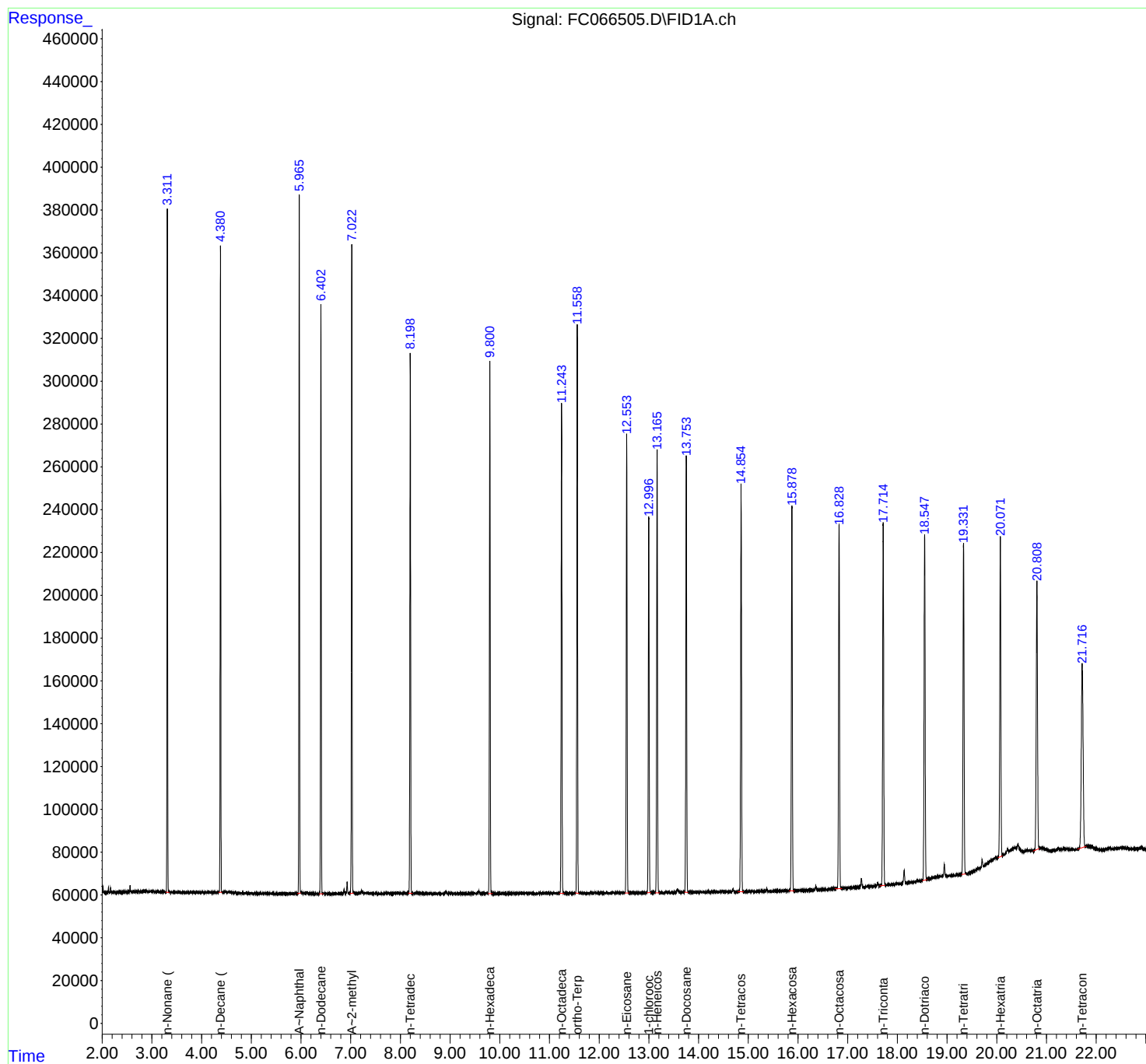
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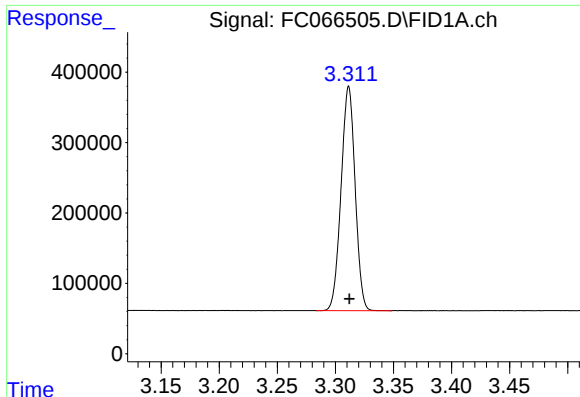
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052924AL\
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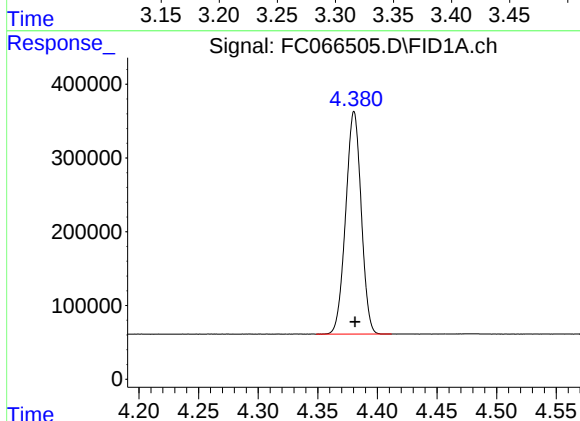




#1 n-Nonane (C9)

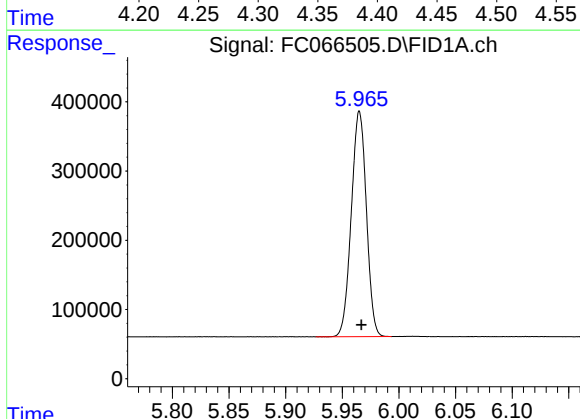
R.T.: 3.311 min
Delta R.T.: 0.000 min
Response: 2684775
Conc: 19.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



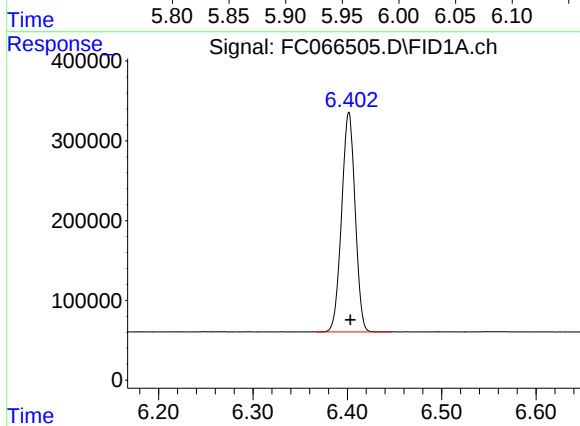
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.000 min
Response: 2737446
Conc: 19.03 ug/ml



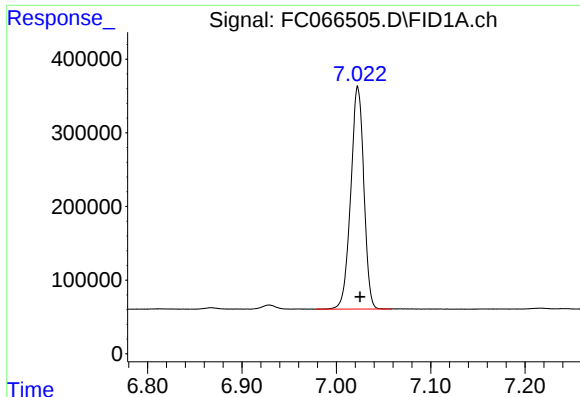
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 3019588
Conc: 18.95 ug/ml



#4 n-Dodecane (C12)

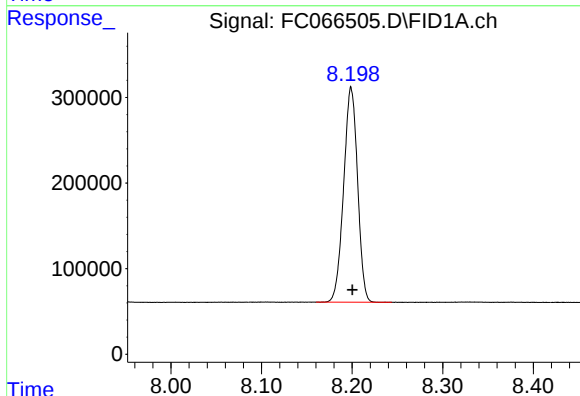
R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 2740747
Conc: 19.03 ug/ml



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

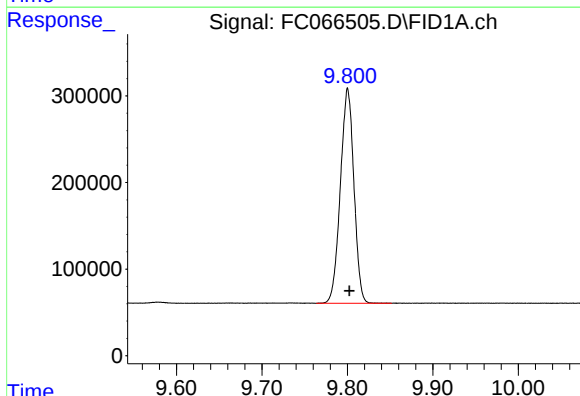
R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 2909685
Conc: 18.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



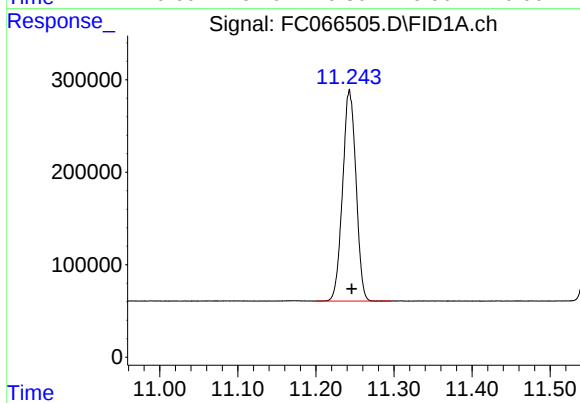
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.001 min
Response: 2682377
Conc: 19.00 ug/ml



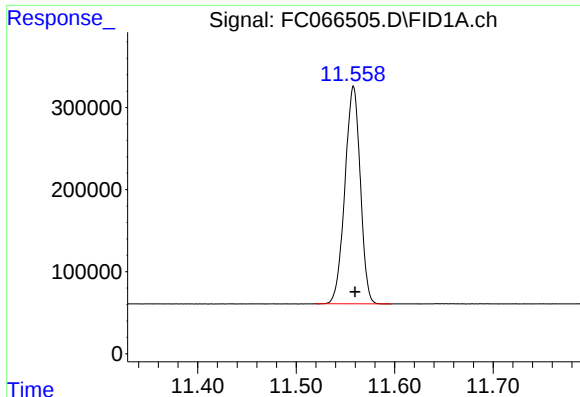
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 2731132
Conc: 19.00 ug/ml



#8 n-Octadecane (C18)

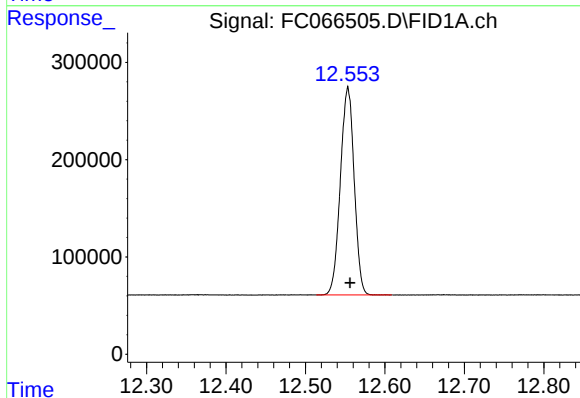
R.T.: 11.243 min
Delta R.T.: -0.003 min
Response: 2716292
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

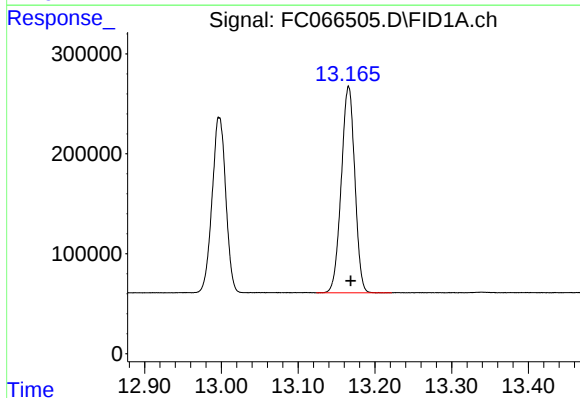
R.T.: 11.558 min
Delta R.T.: -0.002 min
Response: 2881123
Conc: 18.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



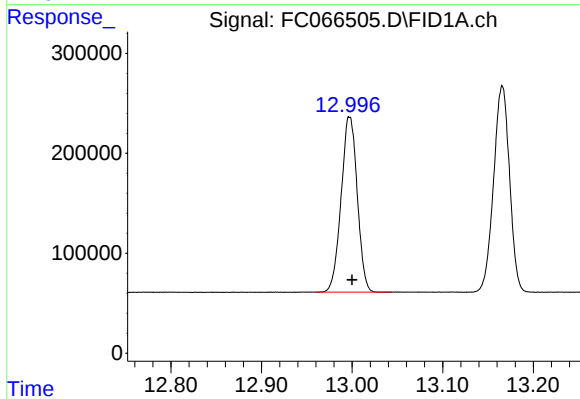
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.003 min
Response: 2579434
Conc: 18.96 ug/ml



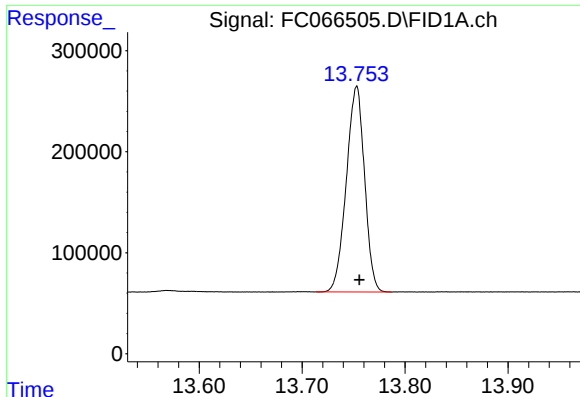
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.003 min
Response: 2529299
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

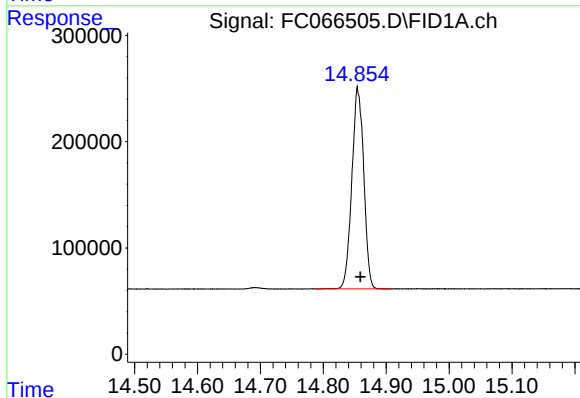
R.T.: 12.997 min
Delta R.T.: -0.003 min
Response: 2171440
Conc: 19.00 ug/ml



#13 n-Docosane (C22)

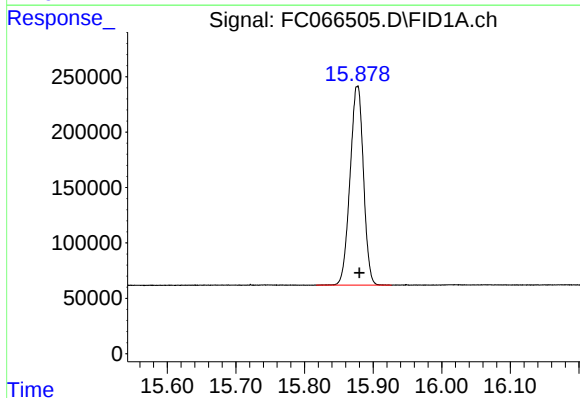
R.T.: 13.753 min
Delta R.T.: -0.003 min
Response: 2501735
Conc: 18.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



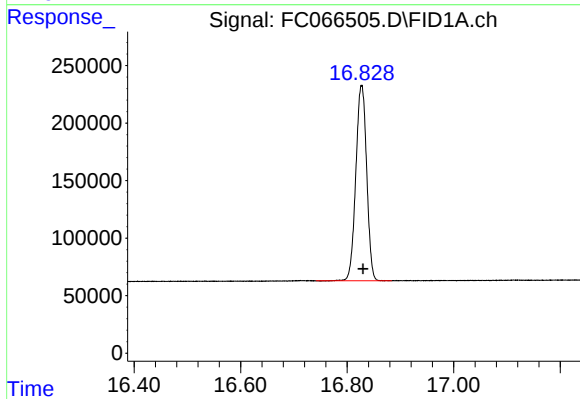
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.004 min
Response: 2484826
Conc: 19.09 ug/ml



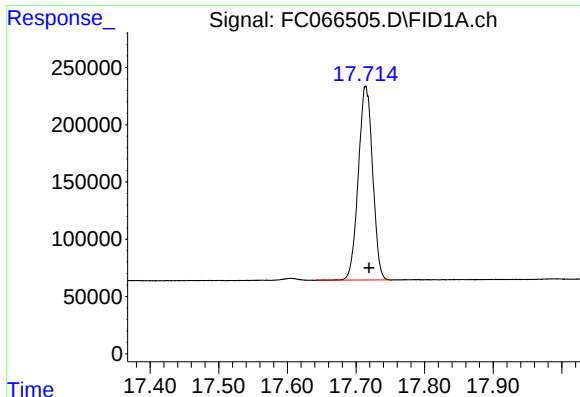
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.003 min
Response: 2438469
Conc: 19.17 ug/ml



#16 n-Octacosane (C28)

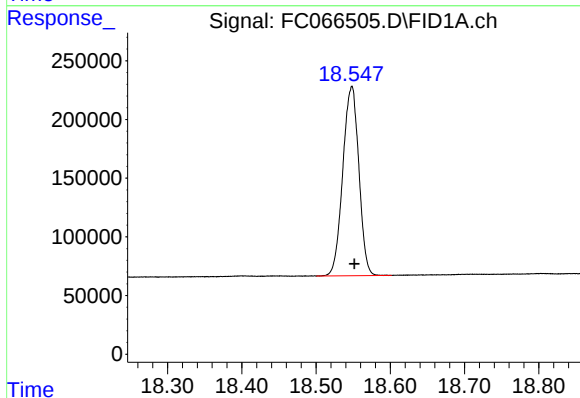
R.T.: 16.827 min
Delta R.T.: -0.003 min
Response: 2402464
Conc: 19.35 ug/ml



#17 n-Tricontane (C30)

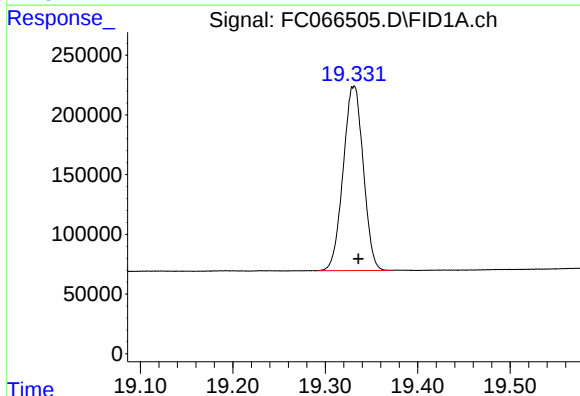
R.T.: 17.714 min
Delta R.T.: -0.004 min
Response: 2453035
Conc: 19.46 ug/ml

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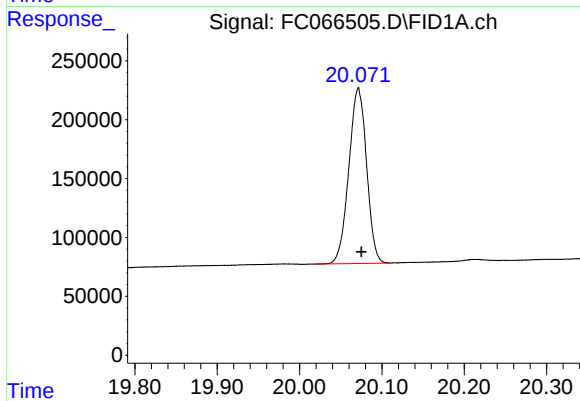
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: -0.004 min
Response: 2420243
Conc: 19.66 ug/ml



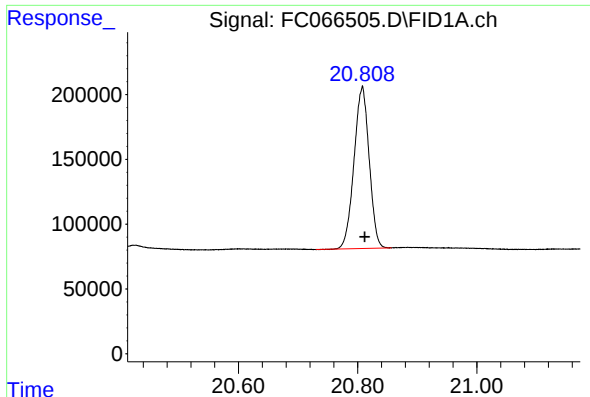
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.005 min
Response: 2331735
Conc: 19.44 ug/ml



#20 n-Hexatriacontane (C36)

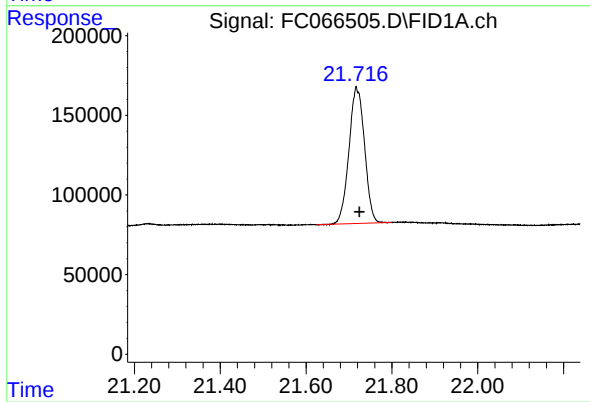
R.T.: 20.071 min
Delta R.T.: -0.004 min
Response: 2231614
Conc: 18.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: -0.004 min
Response: 2198086
Conc: 19.00 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.718 min
Delta R.T.: -0.007 min
Response: 2151031
Conc: 17.56 ug/ml