

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
 Data File : FC066528.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jun 2024 22:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 04 04:10:13 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)	11.555	2983461	19.629 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	12.994	2272097	19.884 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.310	2716807	19.412 ug/ml
2) T n-Decane (C10)	4.379	2778577	19.311 ug/ml
3) T A~Naphthalene (C11.7)	5.964	3072322	19.280 ug/ml
4) T n-Dodecane (C12)	6.400	2789837	19.375 ug/ml
5) T A~2-methylnaphthalene...	7.021	2966765	19.344 ug/ml
6) T n-Tetradecane (C14)	8.197	2745997	19.451 ug/ml
7) T n-Hexadecane (C16)	9.798	2821436	19.632 ug/ml
8) T n-Octadecane (C18)	11.241	2823513	19.730 ug/ml
10) T n-Eicosane (C20)	12.550	2698269	19.831 ug/ml
11) T n-Heneicosane (C21)	13.162	2646271	19.851 ug/ml
13) T n-Docosane (C22)	13.749	2631375	19.965 ug/ml
14) T n-Tetracosane (C24)	14.852	2608582	20.039 ug/ml
15) T n-Hexacosane (C26)	15.873	2547072	20.027 ug/ml
16) T n-Octacosane (C28)	16.823	2519919	20.298 ug/ml
17) T n-Tricontane (C30)	17.711	2596052	20.599 ug/ml
18) T n-Dotriacontane (C32)	18.543	2560636	20.805 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2459423	20.508 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2350332	19.399 ug/ml
21) T n-Octatriacontane (C38)	20.801	2300647	19.888 ug/ml
22) T n-Tetracontane (C40)	21.711	2264944	18.490 ug/ml

(f)=RT Delta > 1/2 Window

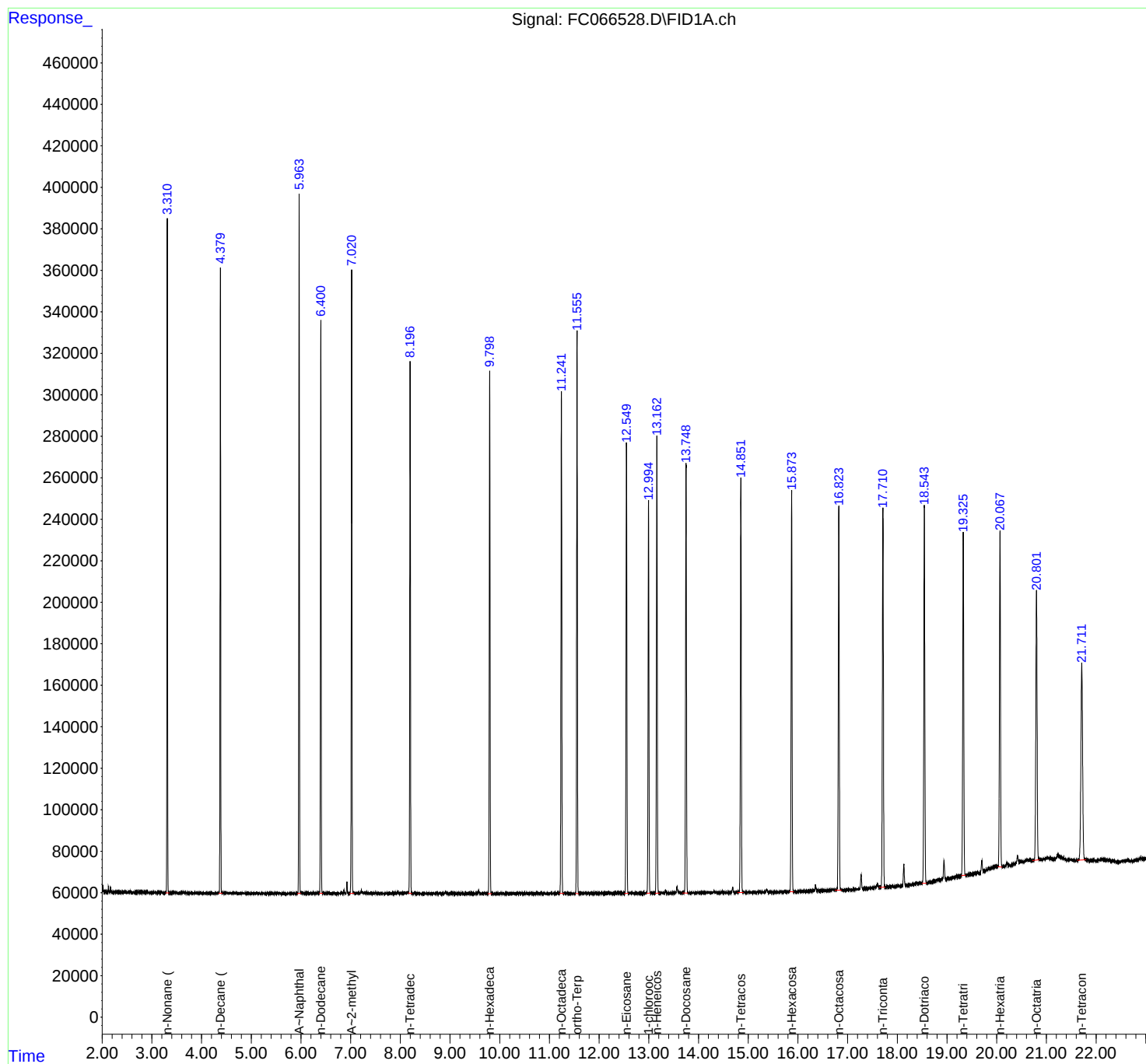
(m)=manual int.

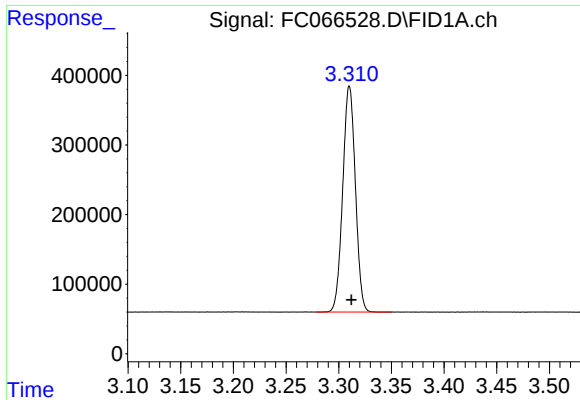
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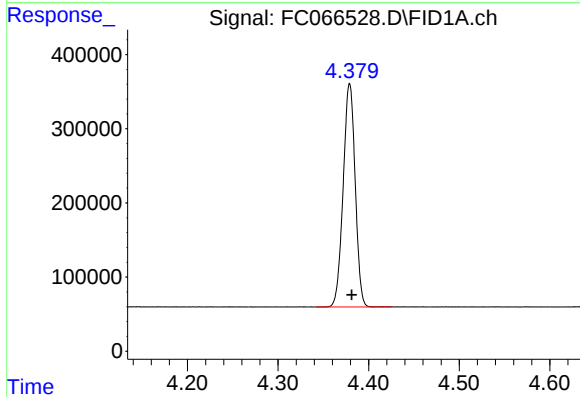




#1 n-Nonane (C9)

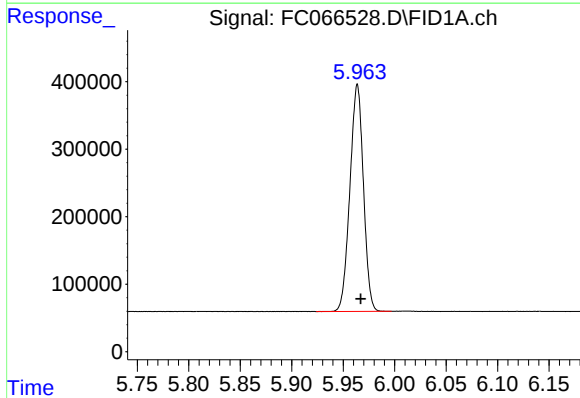
R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 2716807
Conc: 19.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



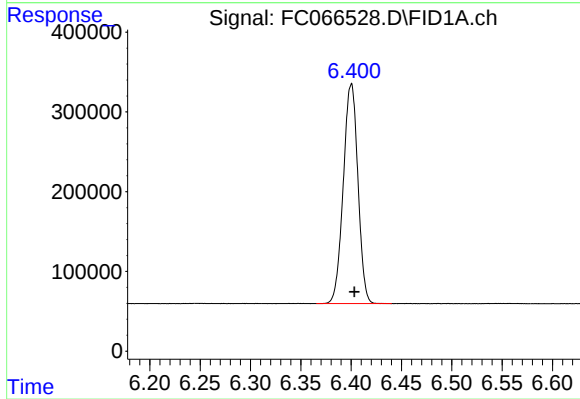
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 2778577
Conc: 19.31 ug/ml



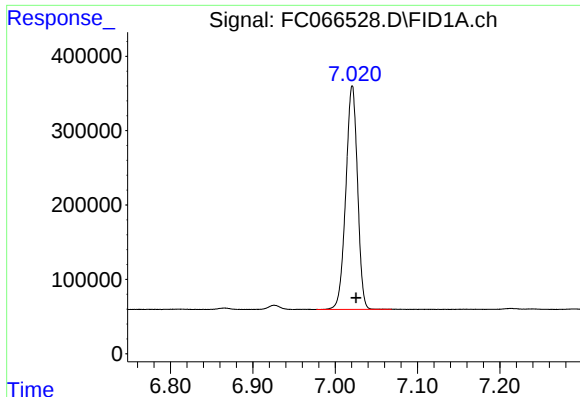
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 3072322
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

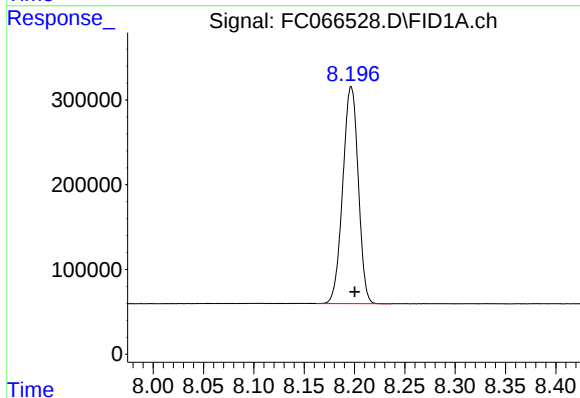
R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 2789837
Conc: 19.37 ug/ml



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

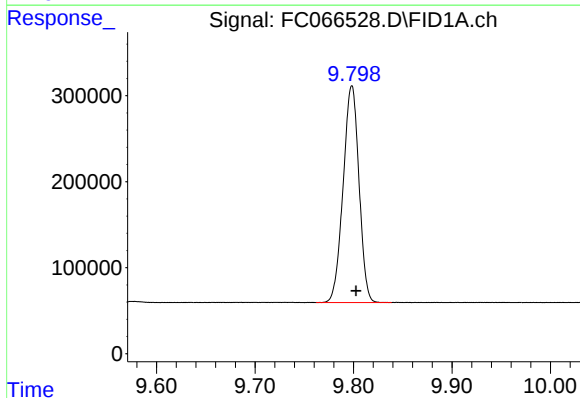
R.T.: 7.021 min
Delta R.T.: -0.004 min
Response: 2966765
Conc: 19.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



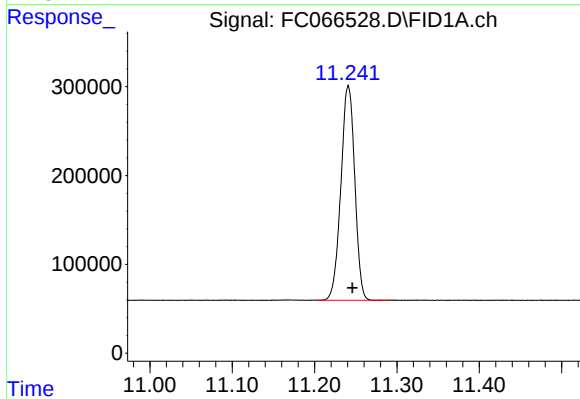
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.004 min
Response: 2745997
Conc: 19.45 ug/ml



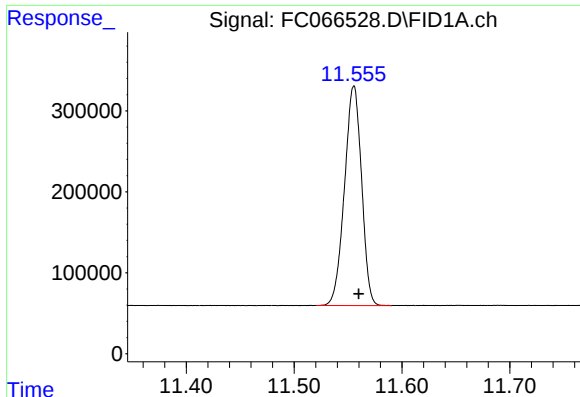
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.004 min
Response: 2821436
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

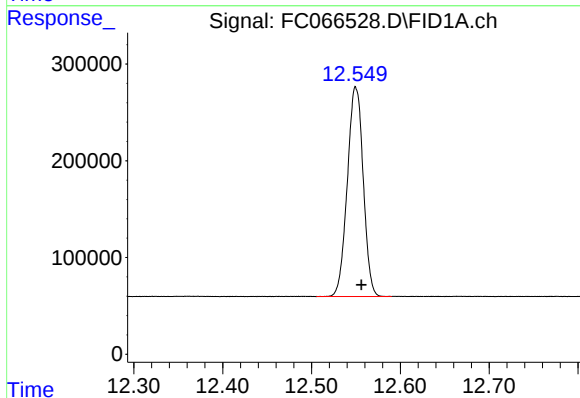
R.T.: 11.241 min
Delta R.T.: -0.005 min
Response: 2823513
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

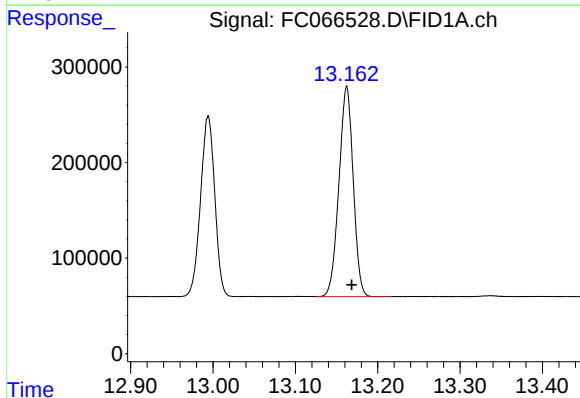
R.T.: 11.555 min
Delta R.T.: -0.005 min
Response: 2983461
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



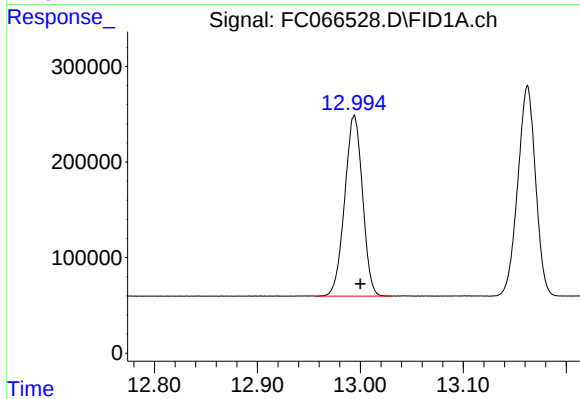
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.006 min
Response: 2698269
Conc: 19.83 ug/ml



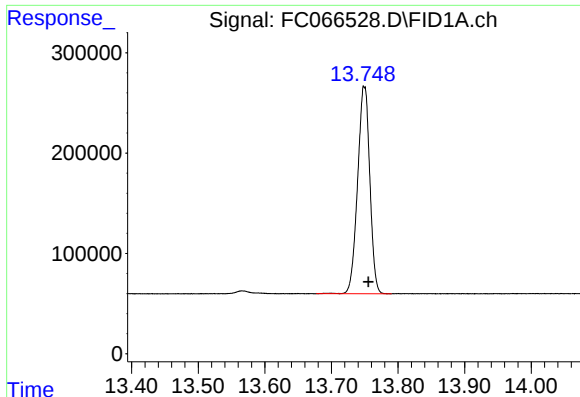
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.006 min
Response: 2646271
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

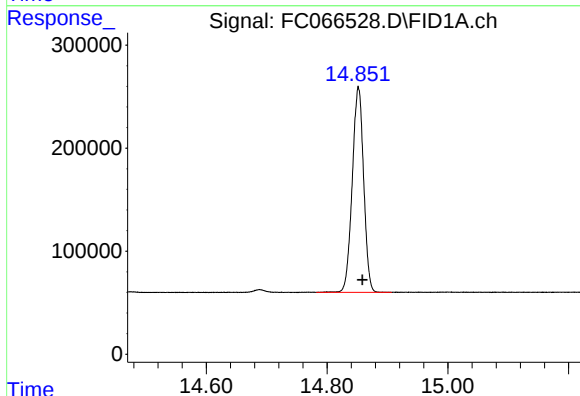
R.T.: 12.994 min
Delta R.T.: -0.006 min
Response: 2272097
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

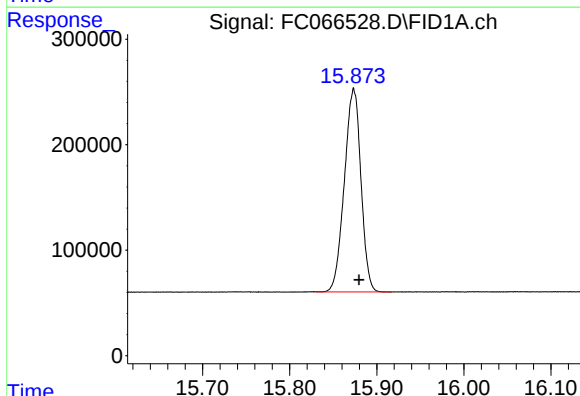
R.T.: 13.749 min
Delta R.T.: -0.006 min
Response: 2631375
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



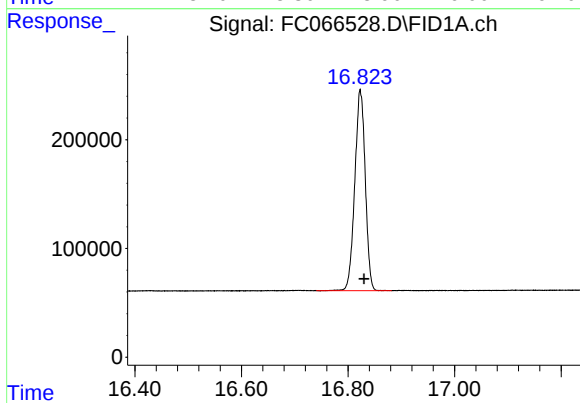
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.007 min
Response: 2608582
Conc: 20.04 ug/ml



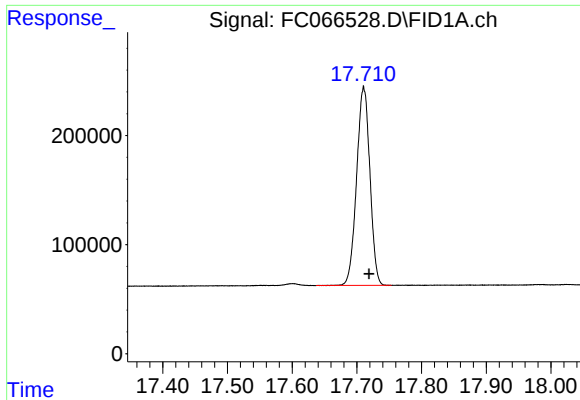
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.006 min
Response: 2547072
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

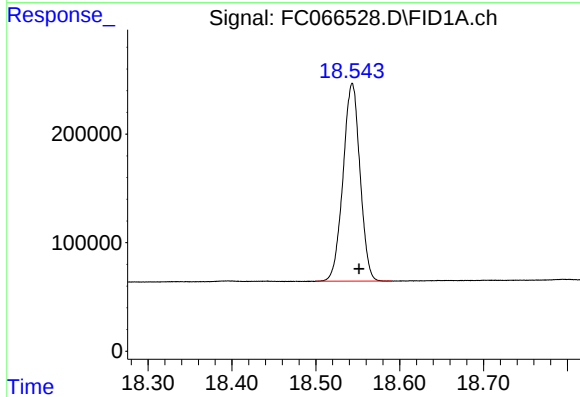
R.T.: 16.823 min
Delta R.T.: -0.007 min
Response: 2519919
Conc: 20.30 ug/ml



#17 n-Tricontane (C30)

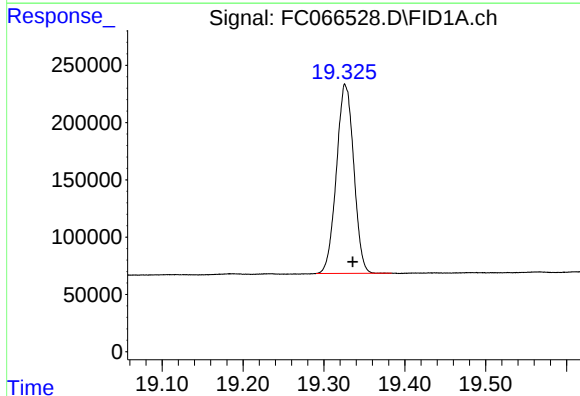
R.T.: 17.711 min
Delta R.T.: -0.008 min
Response: 2596052
Conc: 20.60 ug/ml

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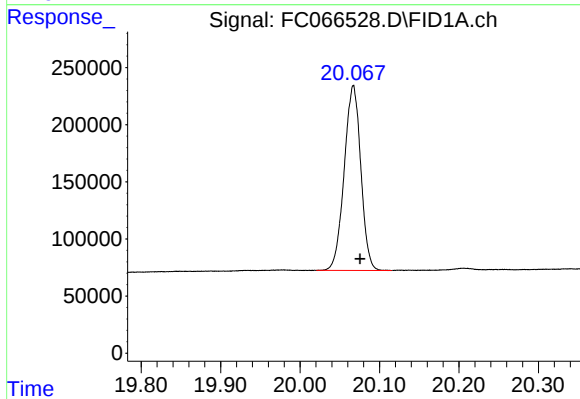
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: -0.008 min
Response: 2560636
Conc: 20.80 ug/ml



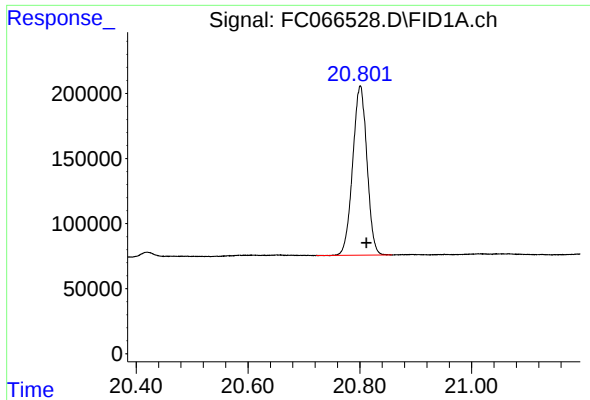
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.009 min
Response: 2459423
Conc: 20.51 ug/ml



#20 n-Hexatriacontane (C36)

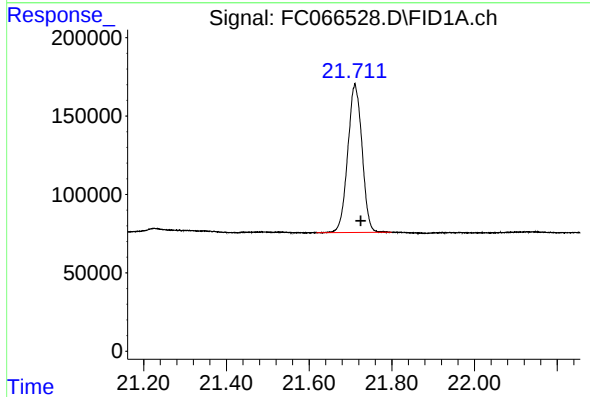
R.T.: 20.067 min
Delta R.T.: -0.008 min
Response: 2350332
Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.011 min
Response: 2300647
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: -0.014 min
Response: 2264944
Conc: 18.49 ug/ml