

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050324AL\
 Data File : FC066310.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2024 12:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 03 13:26:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.559	2940028	17.782 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
12) S 1-chlorooctadecane (S...	12.998	2188171	17.839 ug/ml
Spiked Amount 50.000		Recovery =	35.68%
Target Compounds			
1) T n-Nonane (C9)	3.318	2666133	17.653 ug/ml
2) T n-Decane (C10)	4.385	2711839	17.634 ug/ml
3) T A~Naphthalene (C11.7)	5.968	3021680	17.785 ug/ml
4) T n-Dodecane (C12)	6.406	2703941	17.594 ug/ml
5) T A~2-methylnaphthalene...	7.025	2917112	17.700 ug/ml
6) T n-Tetradecane (C14)	8.201	2643626	17.468 ug/ml
7) T n-Hexadecane (C16)	9.803	2704764	17.689 ug/ml
8) T n-Octadecane (C18)	11.245	2701061	17.795 ug/ml
10) T n-Eicosane (C20)	12.555	2577110	17.915 ug/ml
11) T n-Heneicosane (C21)	13.166	2522833	17.948 ug/ml
13) T n-Docosane (C22)	13.753	2503387	17.881 ug/ml
14) T n-Tetracosane (C24)	14.856	2476086	17.588 ug/ml
15) T n-Hexacosane (C26)	15.877	2391682	17.485 ug/ml
16) T n-Octacosane (C28)	16.826	2311335	17.259 ug/ml
17) T n-Tricontane (C30)	17.714	2295983	17.037 ug/ml
18) T n-Dotriacontane (C32)	18.547	2245667	17.441 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2183266	18.453 ug/ml
20) T n-Hexatriacontane (C36)	20.069	2304582	20.050 ug/mlm
21) T n-Octatriacontane (C38)	20.805	2387159	22.178 ug/ml
22) T n-Tetracontane (C40)	21.713	2392342	22.310 ug/ml

(f)=RT Delta > 1/2 Window

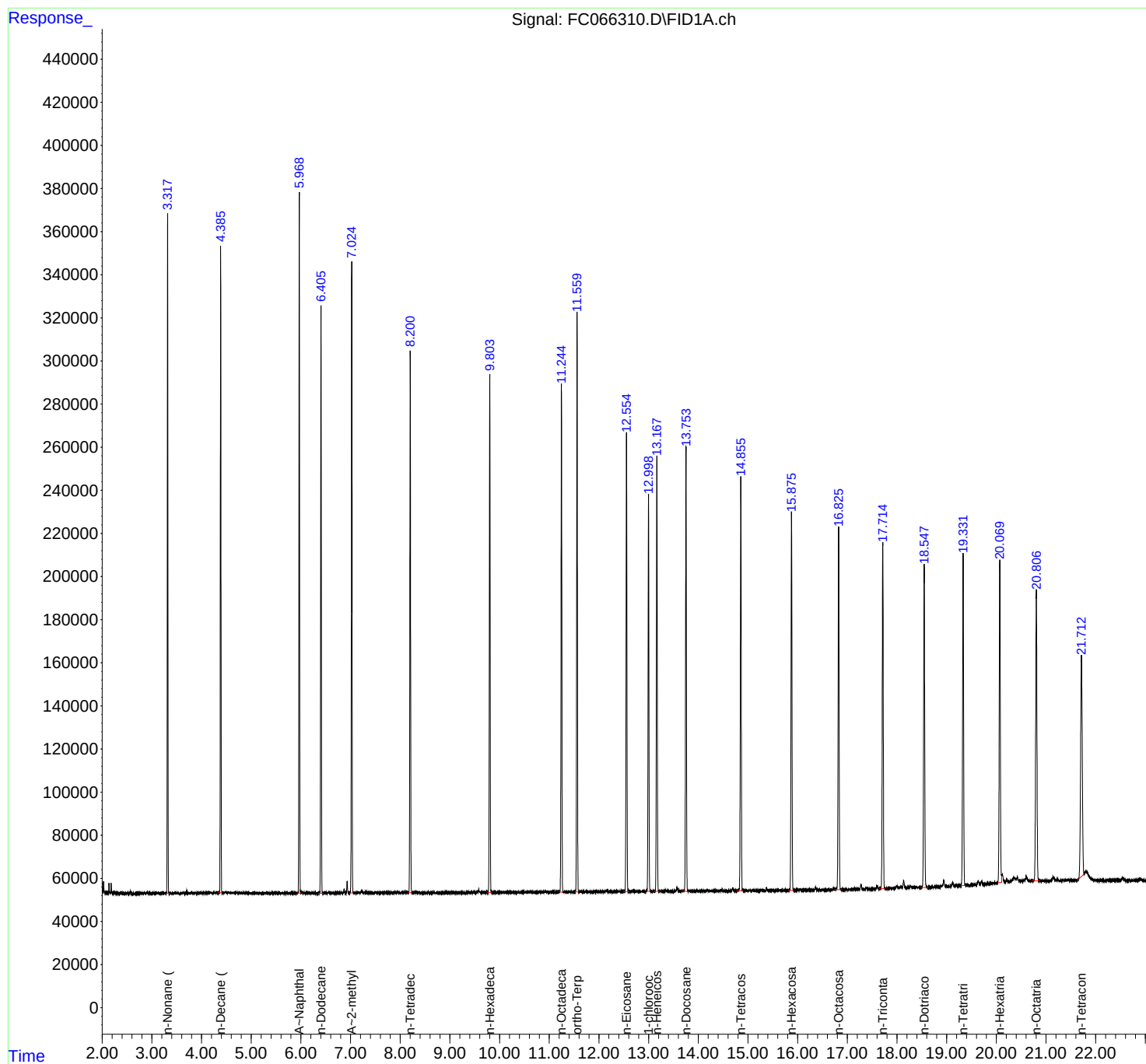
(m)=manual int.

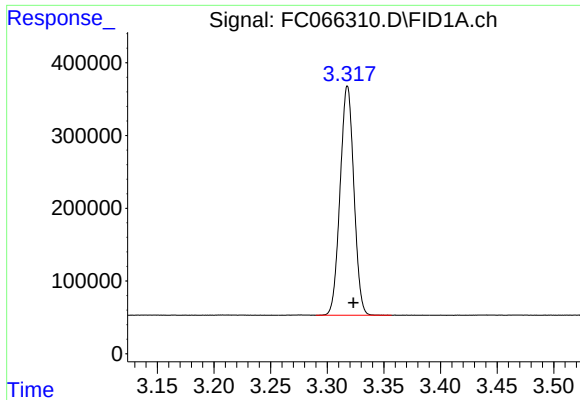
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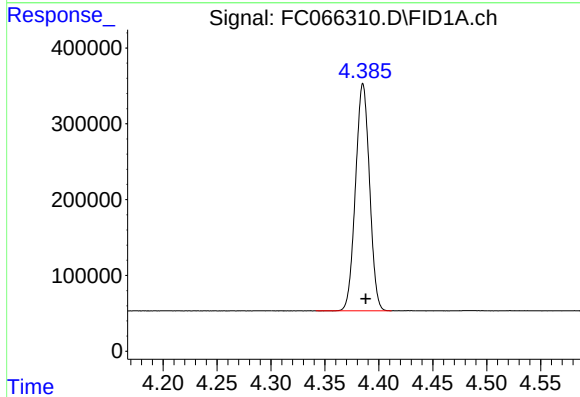




#1 n-Nonane (C9)

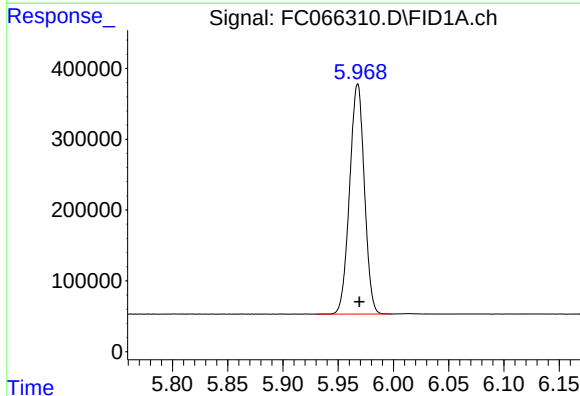
R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 2666133
Conc: 17.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



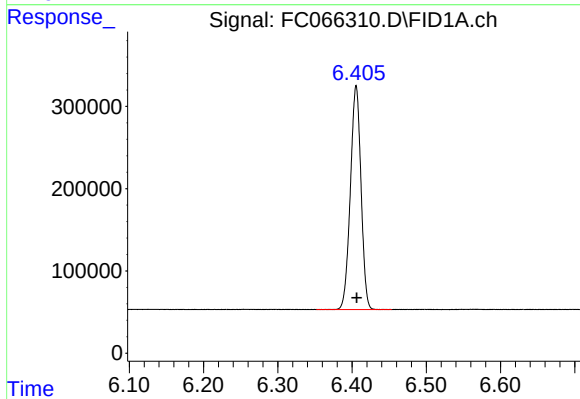
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.003 min
Response: 2711839
Conc: 17.63 ug/ml



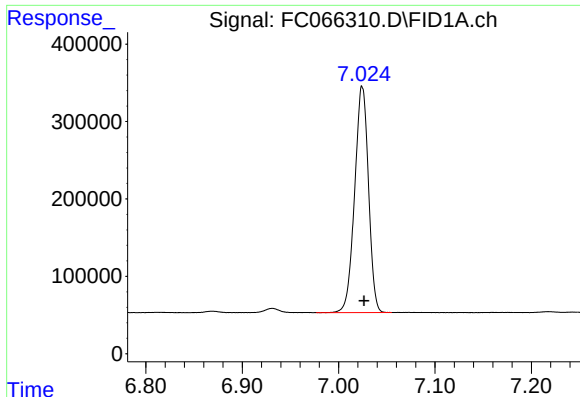
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 3021680
Conc: 17.79 ug/ml



#4 n-Dodecane (C12)

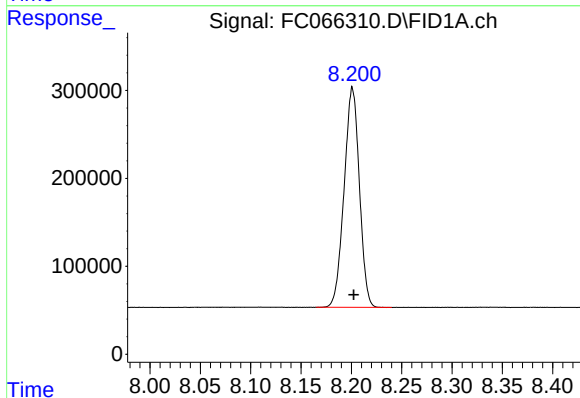
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 2703941
Conc: 17.59 ug/ml



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

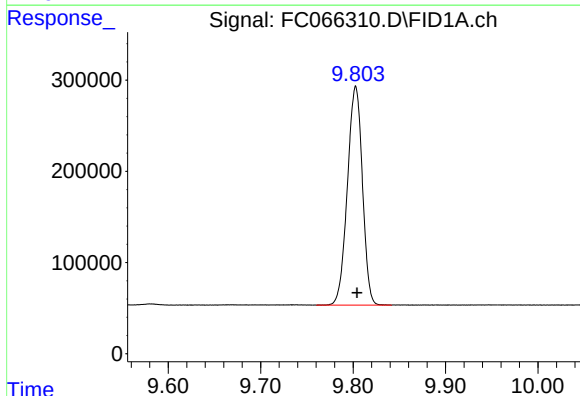
R.T.: 7.025 min
Delta R.T.: -0.002 min
Response: 2917112
Conc: 17.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



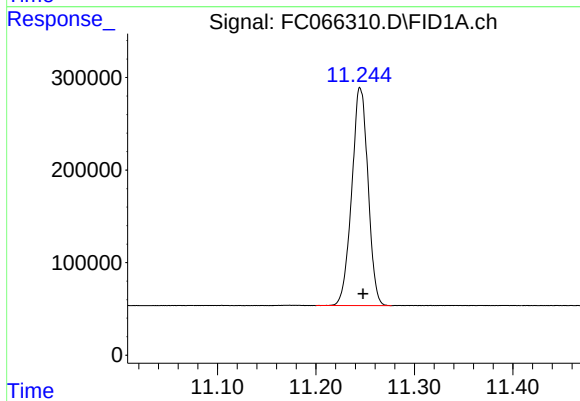
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.001 min
Response: 2643626
Conc: 17.47 ug/ml



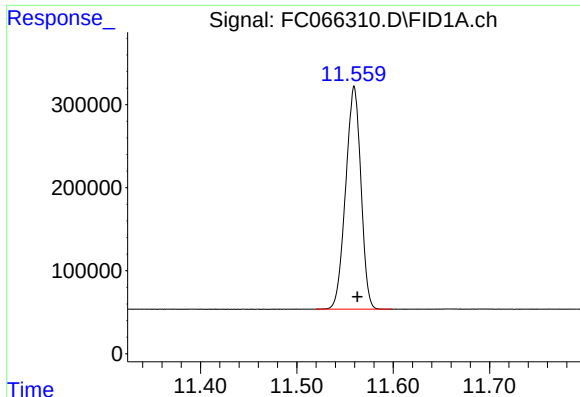
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: -0.002 min
Response: 2704764
Conc: 17.69 ug/ml



#8 n-Octadecane (C18)

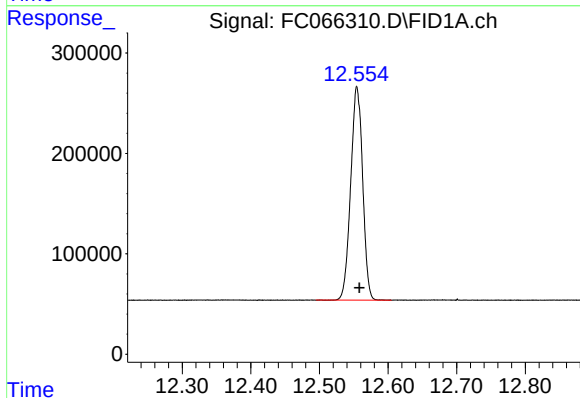
R.T.: 11.245 min
Delta R.T.: -0.003 min
Response: 2701061
Conc: 17.79 ug/ml



#9 ortho-Terphenyl (SURR)

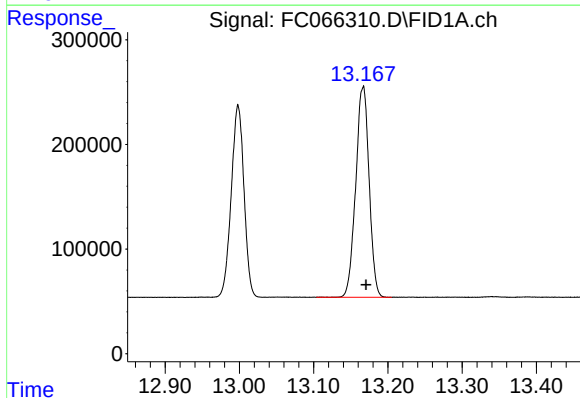
R.T.: 11.559 min
Delta R.T.: -0.003 min
Response: 2940028
Conc: 17.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



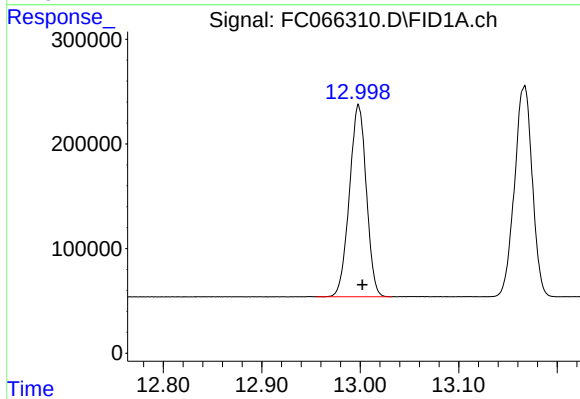
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.003 min
Response: 2577110
Conc: 17.91 ug/ml



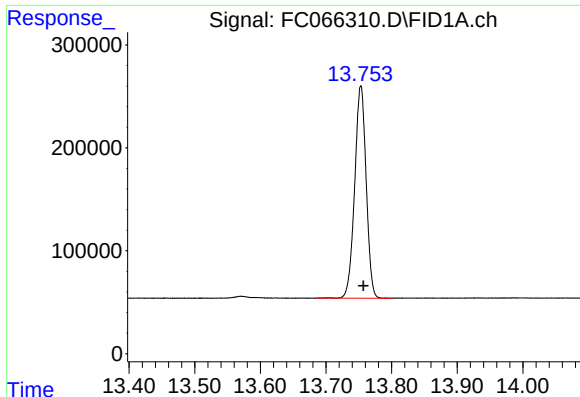
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.004 min
Response: 2522833
Conc: 17.95 ug/ml



#12 1-chlorooctadecane (SURR)

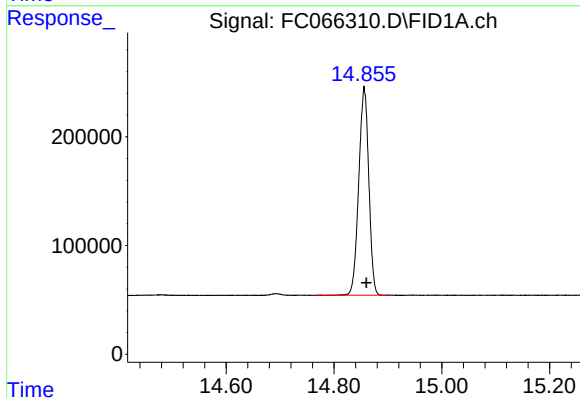
R.T.: 12.998 min
Delta R.T.: -0.004 min
Response: 2188171
Conc: 17.84 ug/ml



#13 n-Docosane (C22)

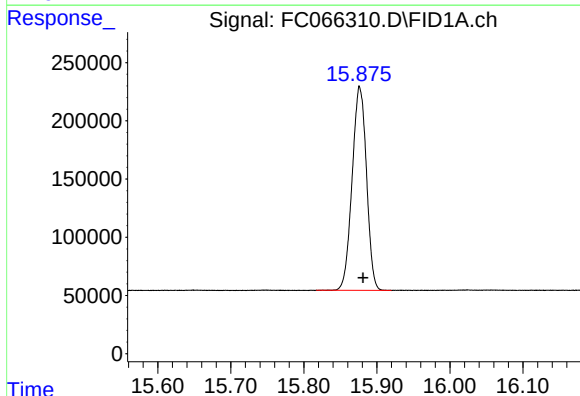
R.T.: 13.753 min
Delta R.T.: -0.004 min
Response: 2503387
Conc: 17.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



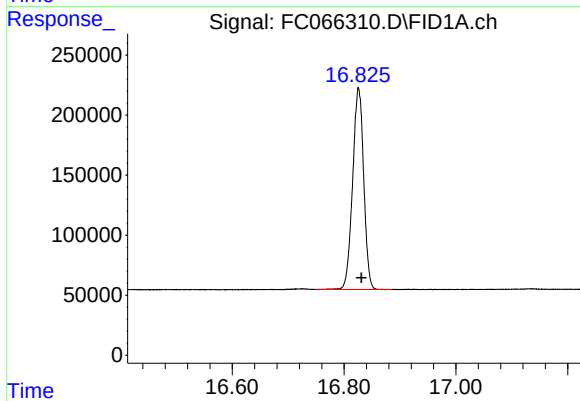
#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.004 min
Response: 2476086
Conc: 17.59 ug/ml



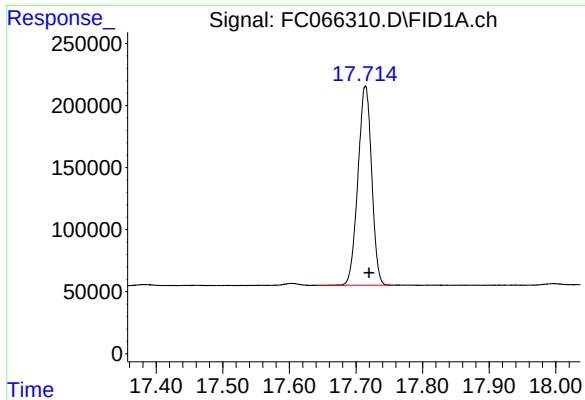
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.005 min
Response: 2391682
Conc: 17.49 ug/ml



#16 n-Octacosane (C28)

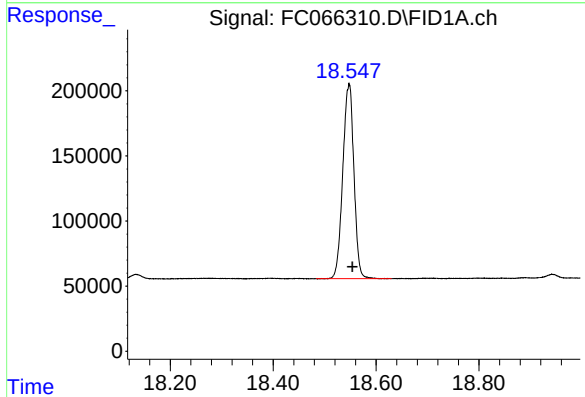
R.T.: 16.826 min
Delta R.T.: -0.005 min
Response: 2311335
Conc: 17.26 ug/ml



#17 n-Tricontane (C30)

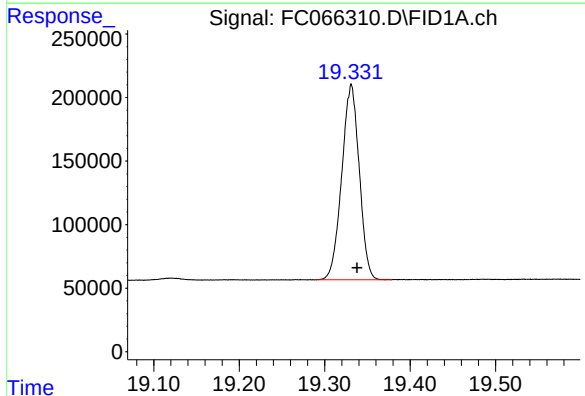
R.T.: 17.714 min
Delta R.T.: -0.005 min
Response: 2295983
Conc: 17.04 ug/ml

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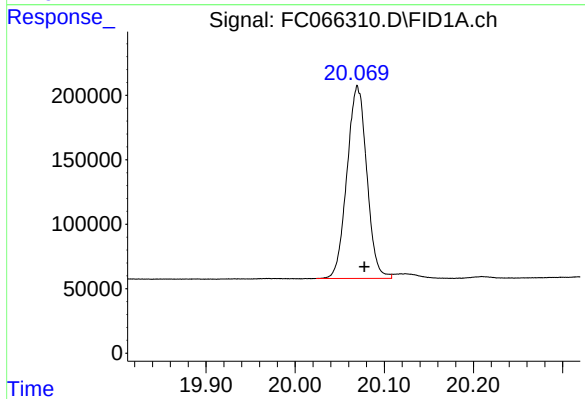
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.007 min
Response: 2245667
Conc: 17.44 ug/ml



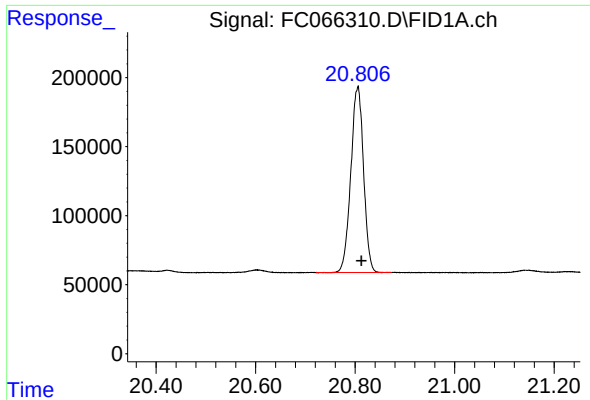
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.007 min
Response: 2183266
Conc: 18.45 ug/ml



#20 n-Hexatriacontane (C36)

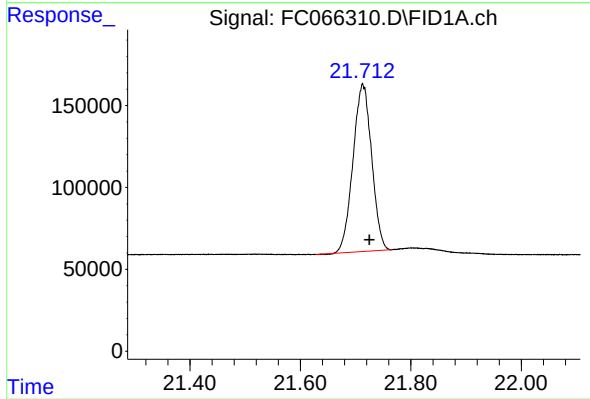
R.T.: 20.069 min
Delta R.T.: -0.008 min
Response: 2304582
Conc: 20.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: -0.008 min
Response: 2387159
Conc: 22.18 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: -0.012 min
Response: 2392342
Conc: 22.31 ug/ml