

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050724AL\
 Data File : FC066317.D
 Signal(s) : FID1A.ch
 Acq On : 07 May 2024 10:47
 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 07 11:25:04 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)	11.561	2944959	17.812 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
12) S 1-chlorooctadecane (S...	13.000	2209687	18.015 ug/ml
Spiked Amount 50.000		Recovery =	36.03%
Target Compounds			
1) T n-Nonane (C9)	3.317	2605884	17.254 ug/ml
2) T n-Decane (C10)	4.386	2659535	17.294 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2957245	17.406 ug/ml
4) T n-Dodecane (C12)	6.407	2664853	17.340 ug/ml
5) T A~2-methylnaphthalene...	7.025	2864432	17.380 ug/ml
6) T n-Tetradecane (C14)	8.202	2620579	17.316 ug/ml
7) T n-Hexadecane (C16)	9.803	2697355	17.640 ug/ml
8) T n-Octadecane (C18)	11.247	2712952	17.873 ug/ml
10) T n-Eicosane (C20)	12.557	2605950	18.115 ug/ml
11) T n-Heneicosane (C21)	13.169	2559152	18.206 ug/ml
13) T n-Docosane (C22)	13.755	2554906	18.248 ug/ml
14) T n-Tetracosane (C24)	14.858	2530371	17.974 ug/ml
15) T n-Hexacosane (C26)	15.879	2456248	17.957 ug/ml
16) T n-Octacosane (C28)	16.830	2380331	17.774 ug/ml
17) T n-Tricontane (C30)	17.718	2388490	17.724 ug/ml
18) T n-Dotriacontane (C32)	18.551	2327974	18.080 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2280774	19.277 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2453330	21.344 ug/ml
21) T n-Octatriacontane (C38)	20.811	2476205	23.006 ug/ml
22) T n-Tetracontane (C40)	21.720	2523900	23.537 ug/ml

(f)=RT Delta > 1/2 Window

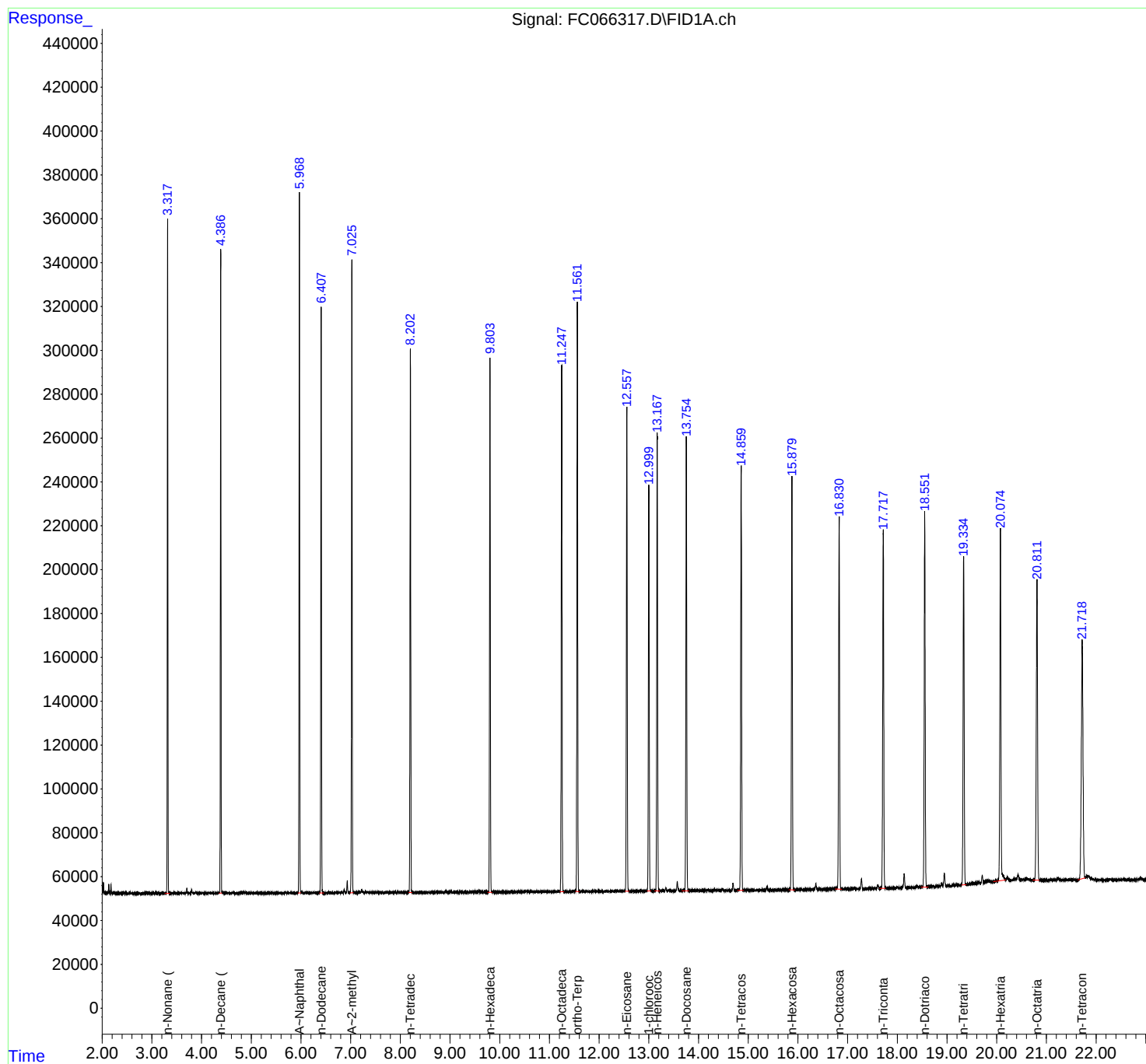
(m)=manual int.

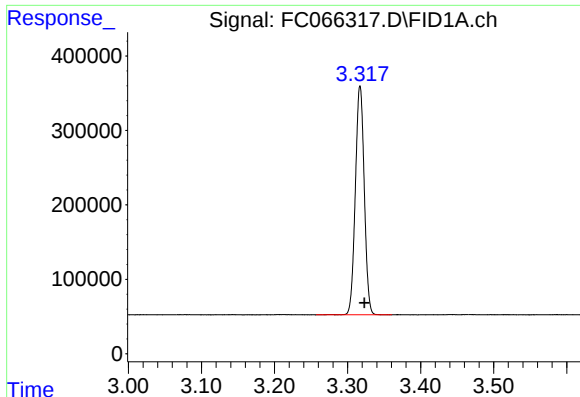
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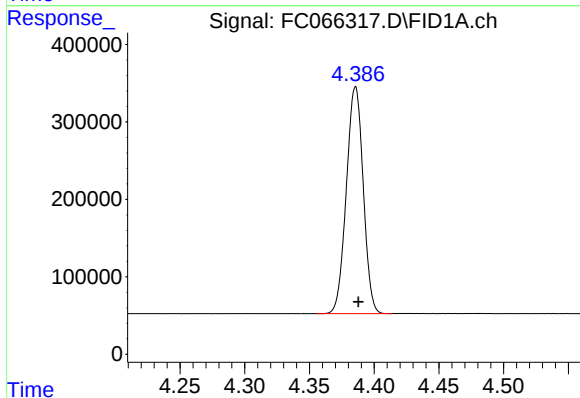




#1 n-Nonane (C9)

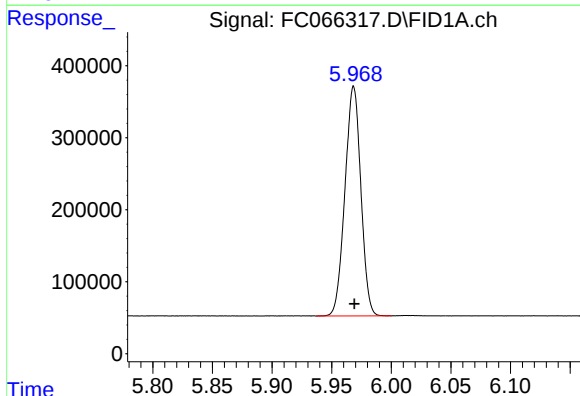
R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 2605884
Conc: 17.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



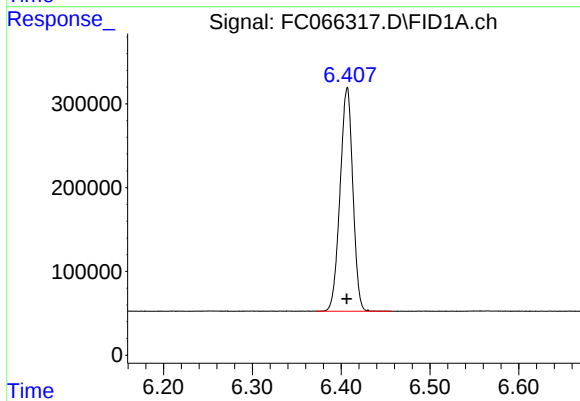
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.002 min
Response: 2659535
Conc: 17.29 ug/ml



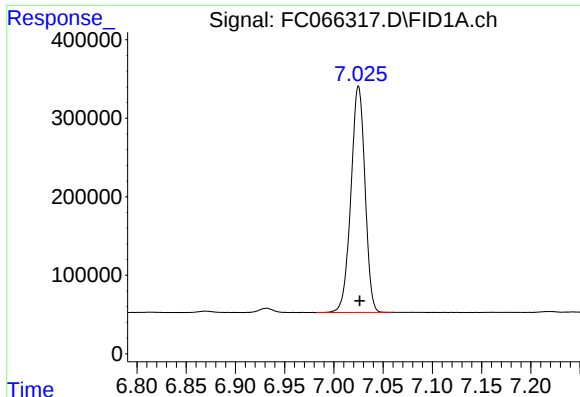
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 2957245
Conc: 17.41 ug/ml



#4 n-Dodecane (C12)

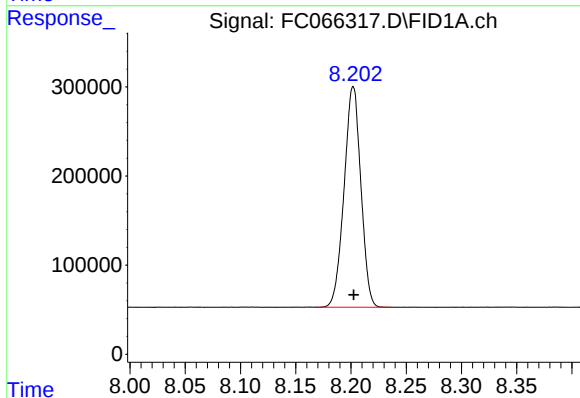
R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 2664853
Conc: 17.34 ug/ml



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

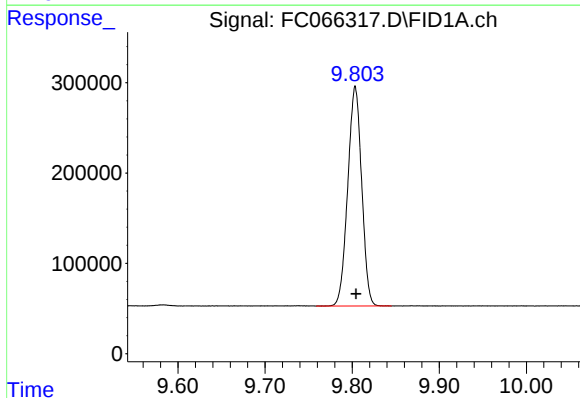
R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 2864432
Conc: 17.38 ug/ml

Instrument :
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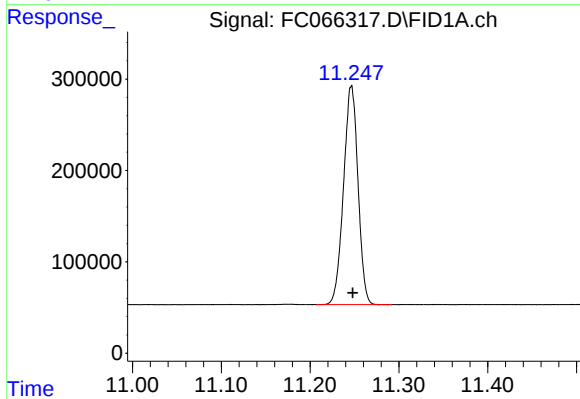
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 2620579
Conc: 17.32 ug/ml



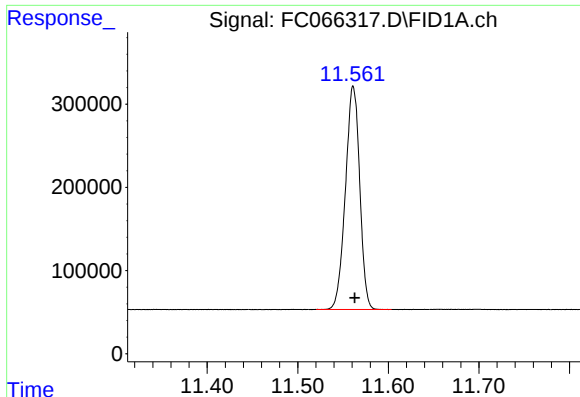
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 2697355
Conc: 17.64 ug/ml



#8 n-Octadecane (C18)

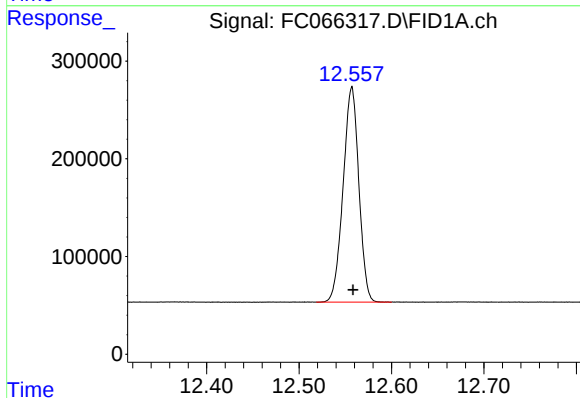
R.T.: 11.247 min
Delta R.T.: -0.001 min
Response: 2712952
Conc: 17.87 ug/ml



#9 ortho-Terphenyl (SURR)

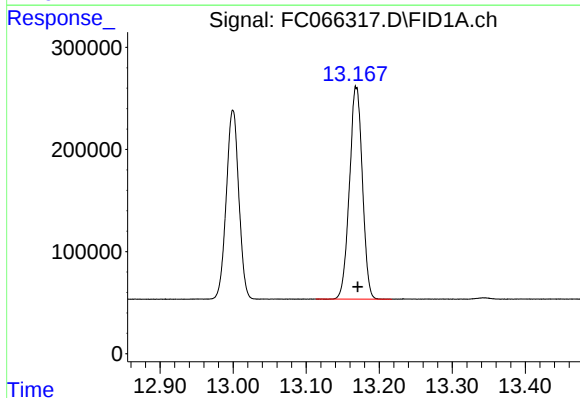
R.T.: 11.561 min
Delta R.T.: -0.001 min
Response: 2944959
Conc: 17.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



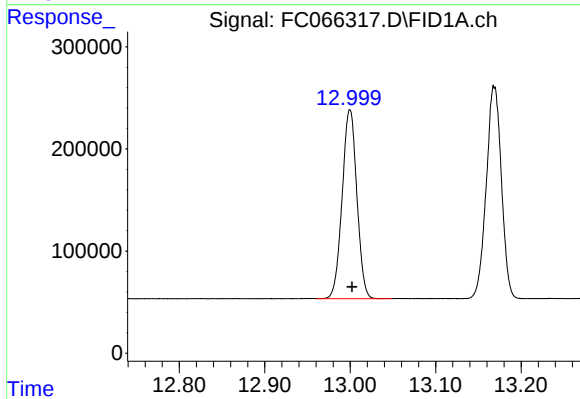
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.001 min
Response: 2605950
Conc: 18.12 ug/ml



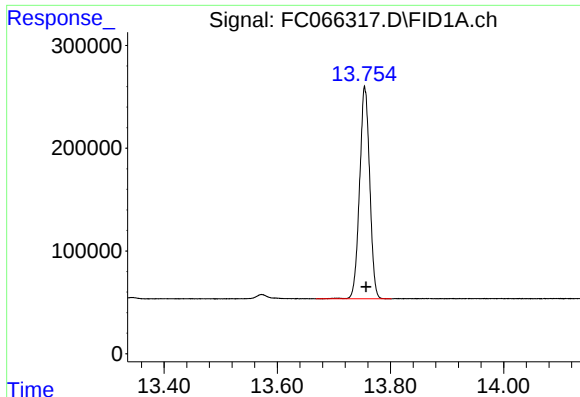
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.002 min
Response: 2559152
Conc: 18.21 ug/ml



#12 1-chlorooctadecane (SURR)

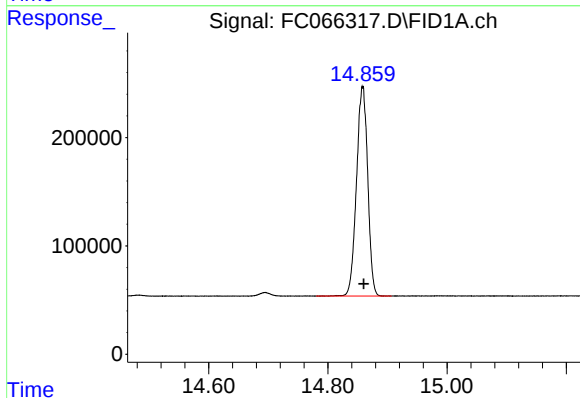
R.T.: 13.000 min
Delta R.T.: -0.003 min
Response: 2209687
Conc: 18.01 ug/ml



#13 n-Docosane (C22)

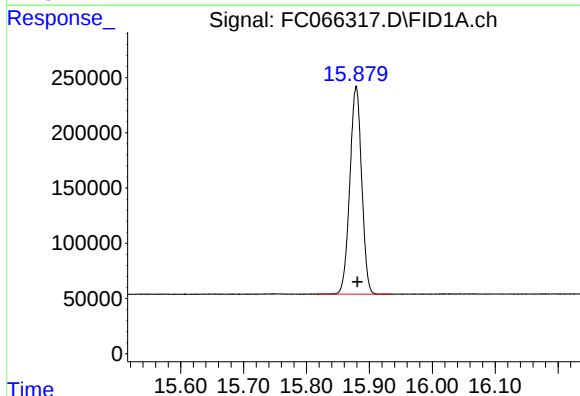
R.T.: 13.755 min
Delta R.T.: -0.002 min
Response: 2554906
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



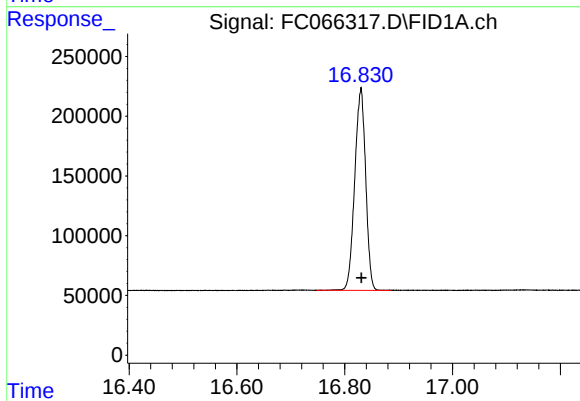
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.002 min
Response: 2530371
Conc: 17.97 ug/ml



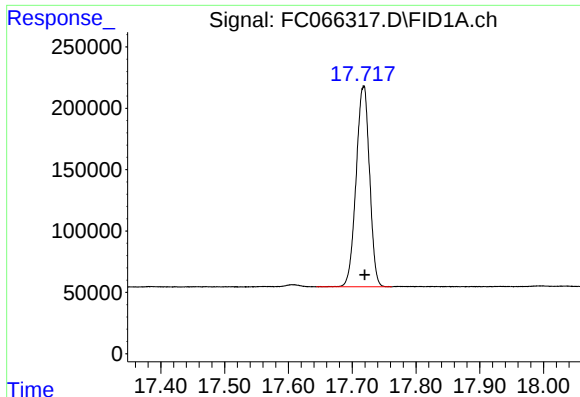
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.002 min
Response: 2456248
Conc: 17.96 ug/ml



#16 n-Octacosane (C28)

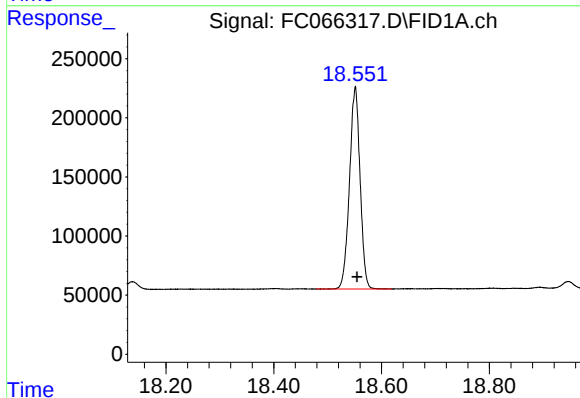
R.T.: 16.830 min
Delta R.T.: -0.002 min
Response: 2380331
Conc: 17.77 ug/ml



#17 n-Tricontane (C30)

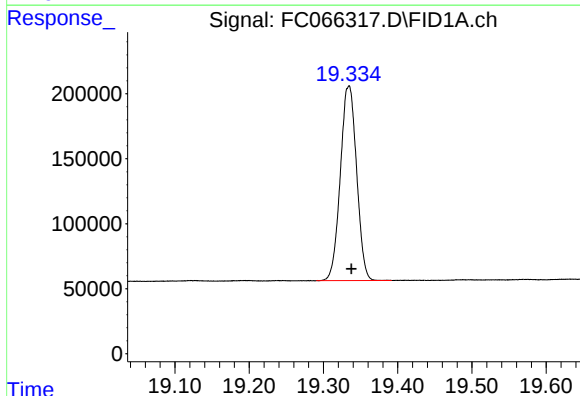
R.T.: 17.718 min
Delta R.T.: -0.002 min
Response: 2388490
Conc: 17.72 ug/ml

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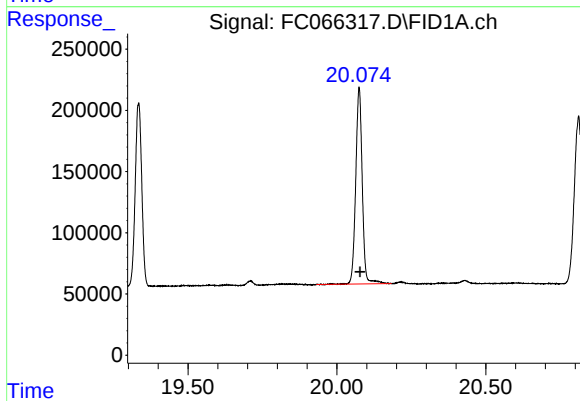
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.003 min
Response: 2327974
Conc: 18.08 ug/ml



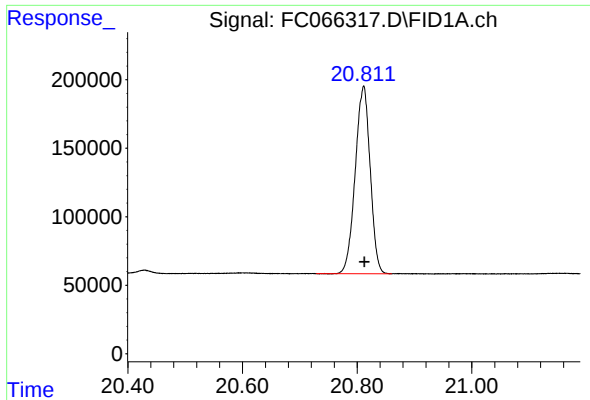
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.004 min
Response: 2280774
Conc: 19.28 ug/ml



#20 n-Hexatriacontane (C36)

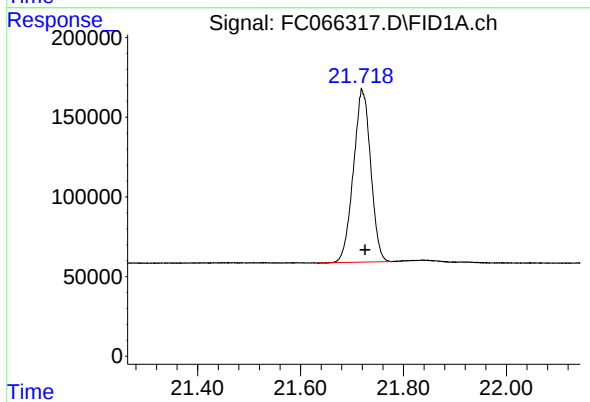
R.T.: 20.075 min
Delta R.T.: -0.003 min
Response: 2453330
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.002 min
Response: 2476205
Conc: 23.01 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: -0.005 min
Response: 2523900
Conc: 23.54 ug/ml