

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052224AL\
 Data File : FC066433.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2024 07:38
 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: May 23 03:10:30 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)	11.554	3015514	18.239 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
12) S 1-chlorooctadecane (S...	12.993	2248463	18.331 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.312	2538425	16.807 ug/ml
2) T n-Decane (C10)	4.379	2693017	17.512 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2962396	17.436 ug/ml
4) T n-Dodecane (C12)	6.400	2728895	17.757 ug/ml
5) T A~2-methylnaphthalene...	7.018	2890628	17.539 ug/ml
6) T n-Tetradecane (C14)	8.196	2704950	17.874 ug/ml
7) T n-Hexadecane (C16)	9.797	2787814	18.232 ug/ml
8) T n-Octadecane (C18)	11.241	2806642	18.490 ug/ml
10) T n-Eicosane (C20)	12.550	2682485	18.647 ug/ml
11) T n-Heneicosane (C21)	13.161	2623462	18.663 ug/ml
13) T n-Docosane (C22)	13.748	2612819	18.662 ug/ml
14) T n-Tetracosane (C24)	14.851	2597708	18.452 ug/ml
15) T n-Hexacosane (C26)	15.872	2534308	18.528 ug/ml
16) T n-Octacosane (C28)	16.821	2532440	18.910 ug/ml
17) T n-Tricontane (C30)	17.709	2694281	19.993 ug/ml
18) T n-Dotriacontane (C32)	18.542	2687808	20.875 ug/ml
19) T n-Tetratriacontane (C34)	19.325	2486328	21.015 ug/ml
20) T n-Hexatriacontane (C36)	20.064	2290504	19.927 ug/ml
21) T n-Octatriacontane (C38)	20.797	2177475	20.230 ug/ml
22) T n-Tetracontane (C40)	21.706	2084324	19.437 ug/ml

(f)=RT Delta > 1/2 Window

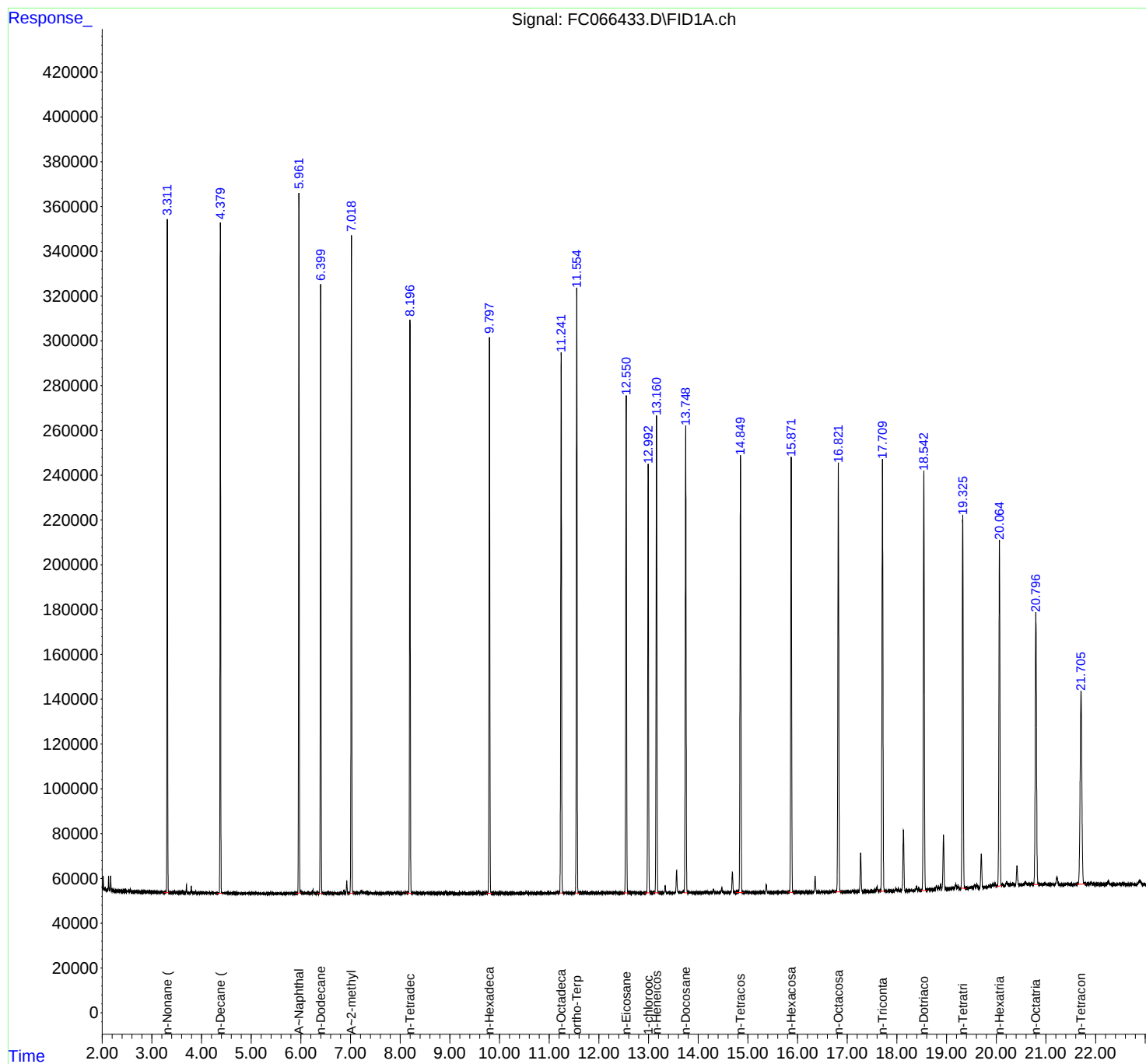
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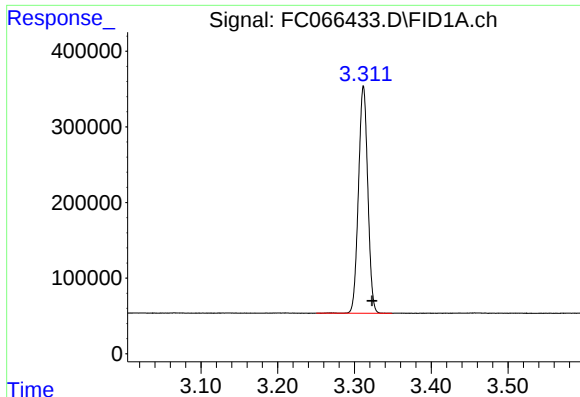
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052224AL\
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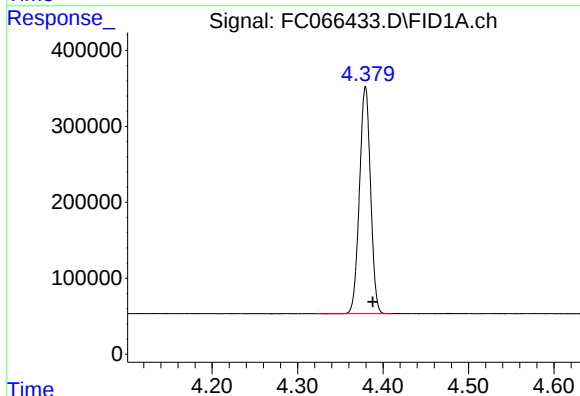




#1 n-Nonane (C9)

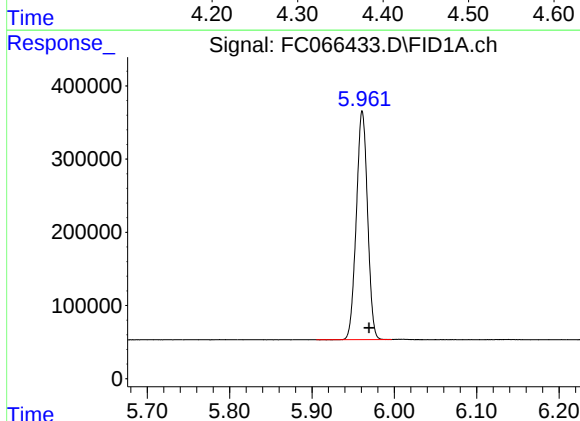
R.T.: 3.312 min
Delta R.T.: -0.011 min
Response: 2538425
Conc: 16.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



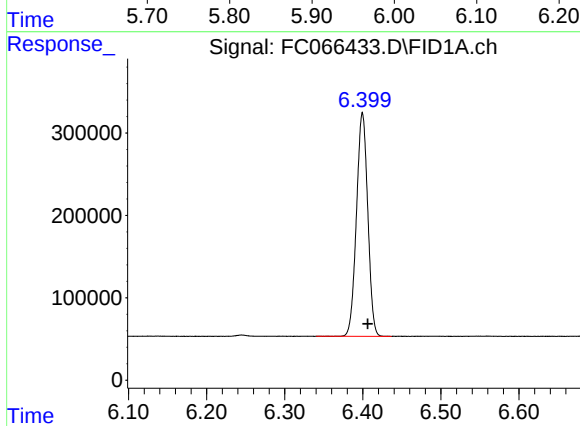
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.009 min
Response: 2693017
Conc: 17.51 ug/ml



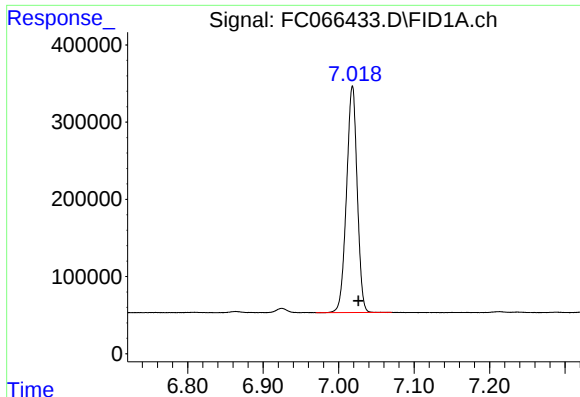
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.008 min
Response: 2962396
Conc: 17.44 ug/ml



#4 n-Dodecane (C12)

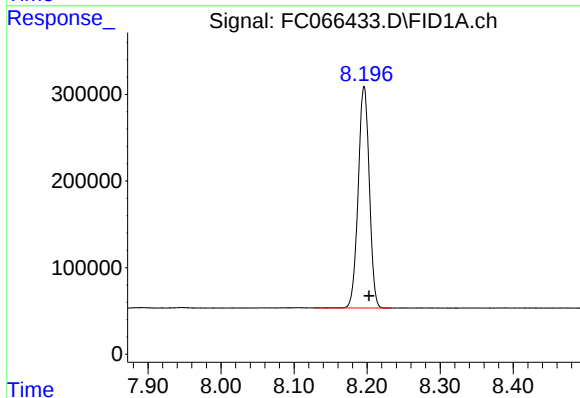
R.T.: 6.400 min
Delta R.T.: -0.007 min
Response: 2728895
Conc: 17.76 ug/ml



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

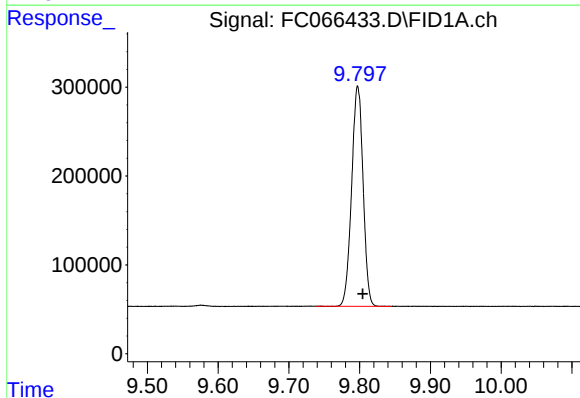
R.T.: 7.018 min
Delta R.T.: -0.008 min
Response: 2890628
Conc: 17.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



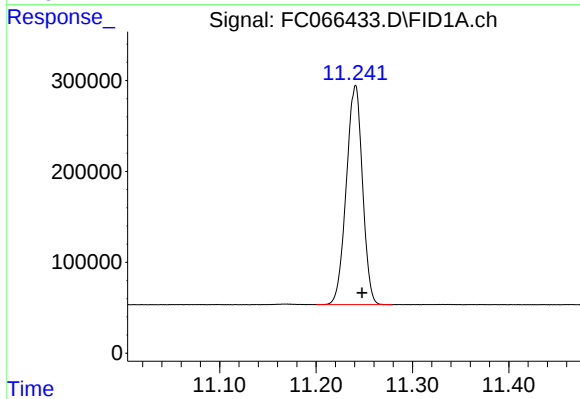
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.007 min
Response: 2704950
Conc: 17.87 ug/ml



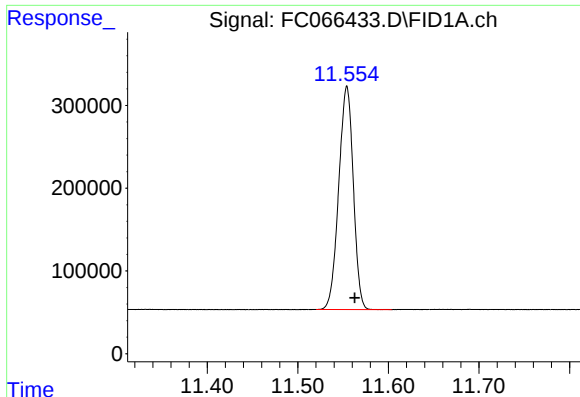
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.007 min
Response: 2787814
Conc: 18.23 ug/ml



#8 n-Octadecane (C18)

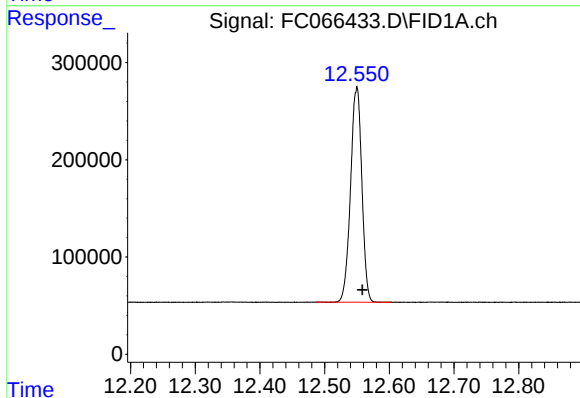
R.T.: 11.241 min
Delta R.T.: -0.007 min
Response: 2806642
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

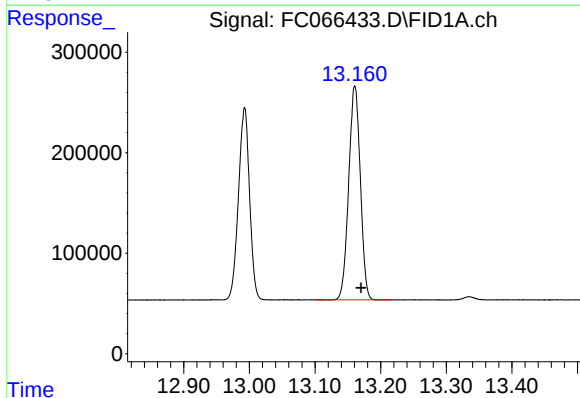
R.T.: 11.554 min
Delta R.T.: -0.009 min
Response: 3015514
Conc: 18.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



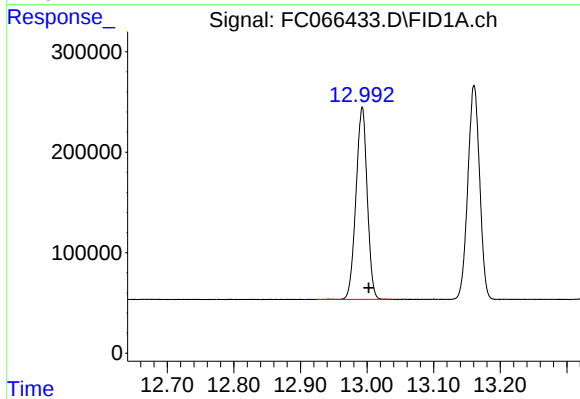
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.009 min
Response: 2682485
Conc: 18.65 ug/ml



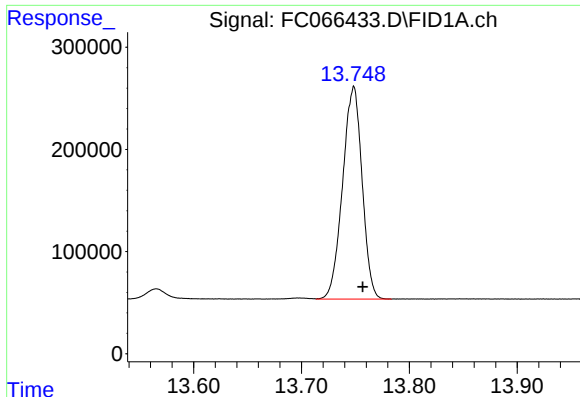
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.010 min
Response: 2623462
Conc: 18.66 ug/ml



#12 1-chlorooctadecane (SURR)

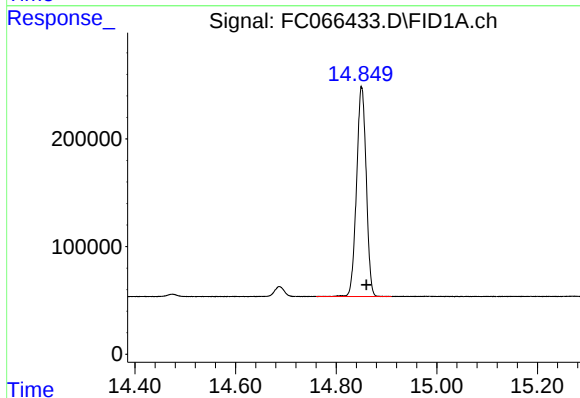
R.T.: 12.993 min
Delta R.T.: -0.010 min
Response: 2248463
Conc: 18.33 ug/ml



#13 n-Docosane (C22)

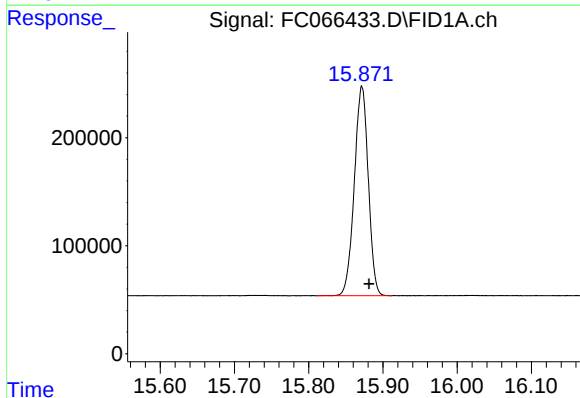
R.T.: 13.748 min
Delta R.T.: -0.009 min
Response: 2612819
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



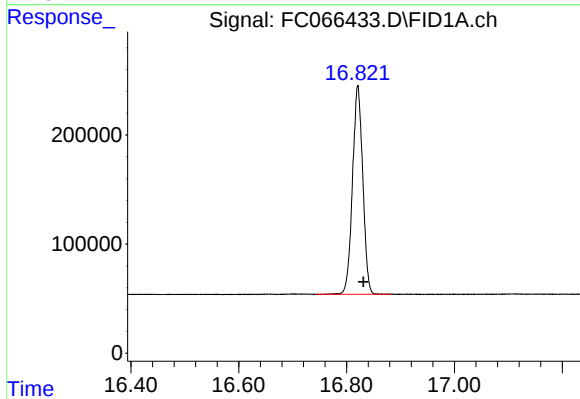
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.010 min
Response: 2597708
Conc: 18.45 ug/ml



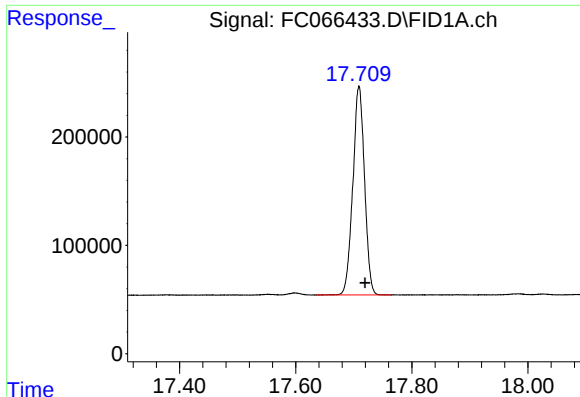
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.010 min
Response: 2534308
Conc: 18.53 ug/ml



#16 n-Octacosane (C28)

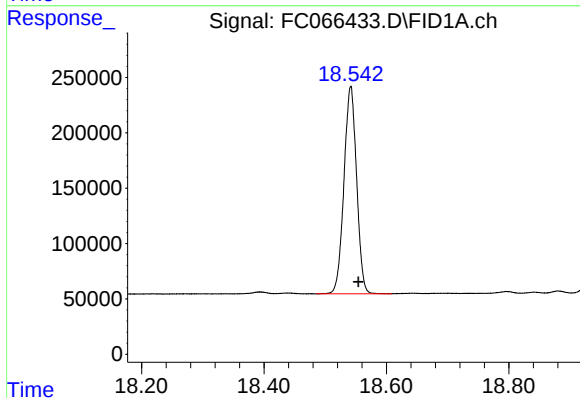
R.T.: 16.821 min
Delta R.T.: -0.010 min
Response: 2532440
Conc: 18.91 ug/ml



#17 n-Tricontane (C30)

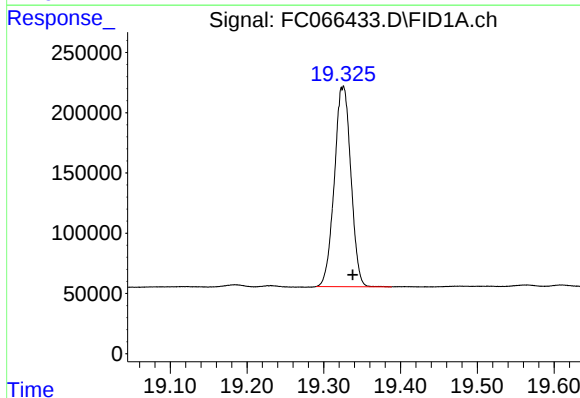
R.T.: 17.709 min
Delta R.T.: -0.011 min
Response: 2694281
Conc: 19.99 ug/ml

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FID_C
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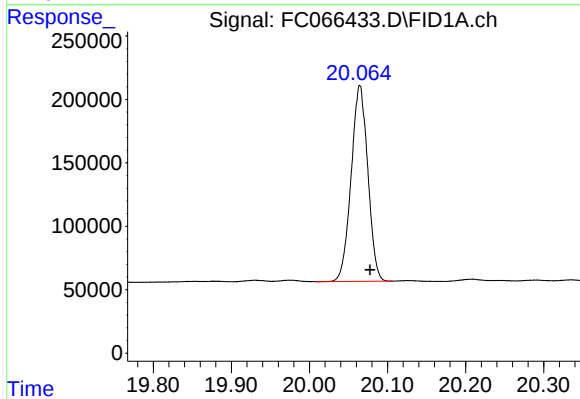
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.013 min
Response: 2687808
Conc: 20.88 ug/ml



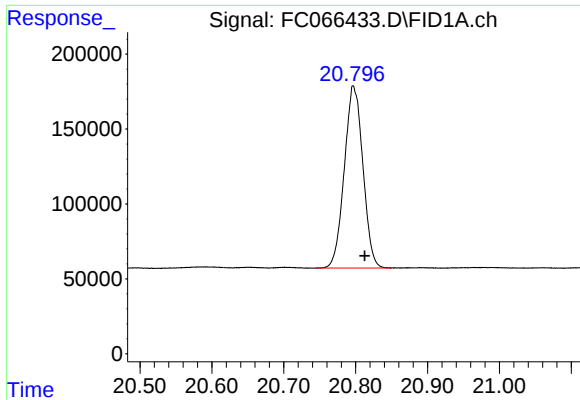
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.013 min
Response: 2486328
Conc: 21.01 ug/ml



#20 n-Hexatriacontane (C36)

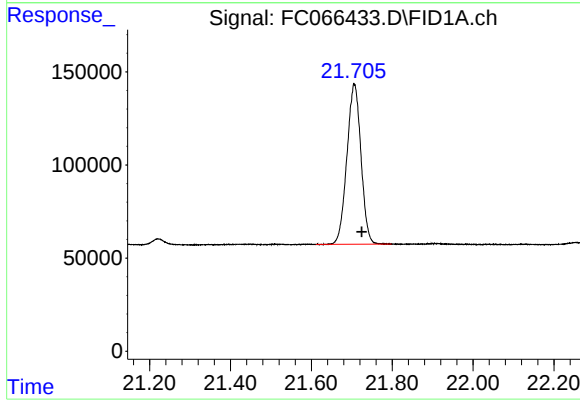
R.T.: 20.064 min
Delta R.T.: -0.013 min
Response: 2290504
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.015 min
Response: 2177475
Conc: 20.23 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: -0.019 min
Response: 2084324
Conc: 19.44 ug/ml