

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062623AL\
 Data File : FC064006.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2023 02:56
 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: Jun 27 03:56:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 2023
 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)	11.524	3569370	18.383 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
12) S 1-chlorooctadecane (S...	12.958	2554333	18.359 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
Target Compounds			
1) T n-Nonane (C9)	3.304	3215291	18.028 ug/ml
2) T n-Decane (C10)	4.367	3290932	18.187 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3389892	18.173 ug/ml
4) T n-Dodecane (C12)	6.382	3263257	18.114 ug/ml
5) T A~2-methylnaphthalene...	7.004	3227354	18.338 ug/ml
6) T n-Tetradecane (C14)	8.173	3151621	18.219 ug/ml
7) T n-Hexadecane (C16)	9.771	3185683	18.339 ug/ml
8) T n-Octadecane (C18)	11.211	3179974	18.451 ug/ml
10) T n-Eicosane (C20)	12.517	2985504	18.288 ug/ml
11) T n-Heneicosane (C21)	13.126	2910095	18.163 ug/ml
13) T n-Docosane (C22)	13.711	2870443	18.267 ug/ml
14) T n-Tetracosane (C24)	14.810	2824444	17.919 ug/ml
15) T n-Hexacosane (C26)	15.829	2772228	18.349 ug/ml
16) T n-Octacosane (C28)	16.776	2800853	18.588 ug/ml
17) T n-Tricontane (C30)	17.659	3052827	19.554 ug/ml
18) T n-Dotriacontane (C32)	18.491	3128513	19.804 ug/ml
19) T n-Tetratriacontane (C34)	19.271	3006710	19.539 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2817429	19.083 ug/ml
21) T n-Octatriacontane (C38)	20.735	2757777	18.618 ug/ml
22) T n-Tetracontane (C40)	21.622	2689692	18.453 ug/ml

(f)=RT Delta > 1/2 Window

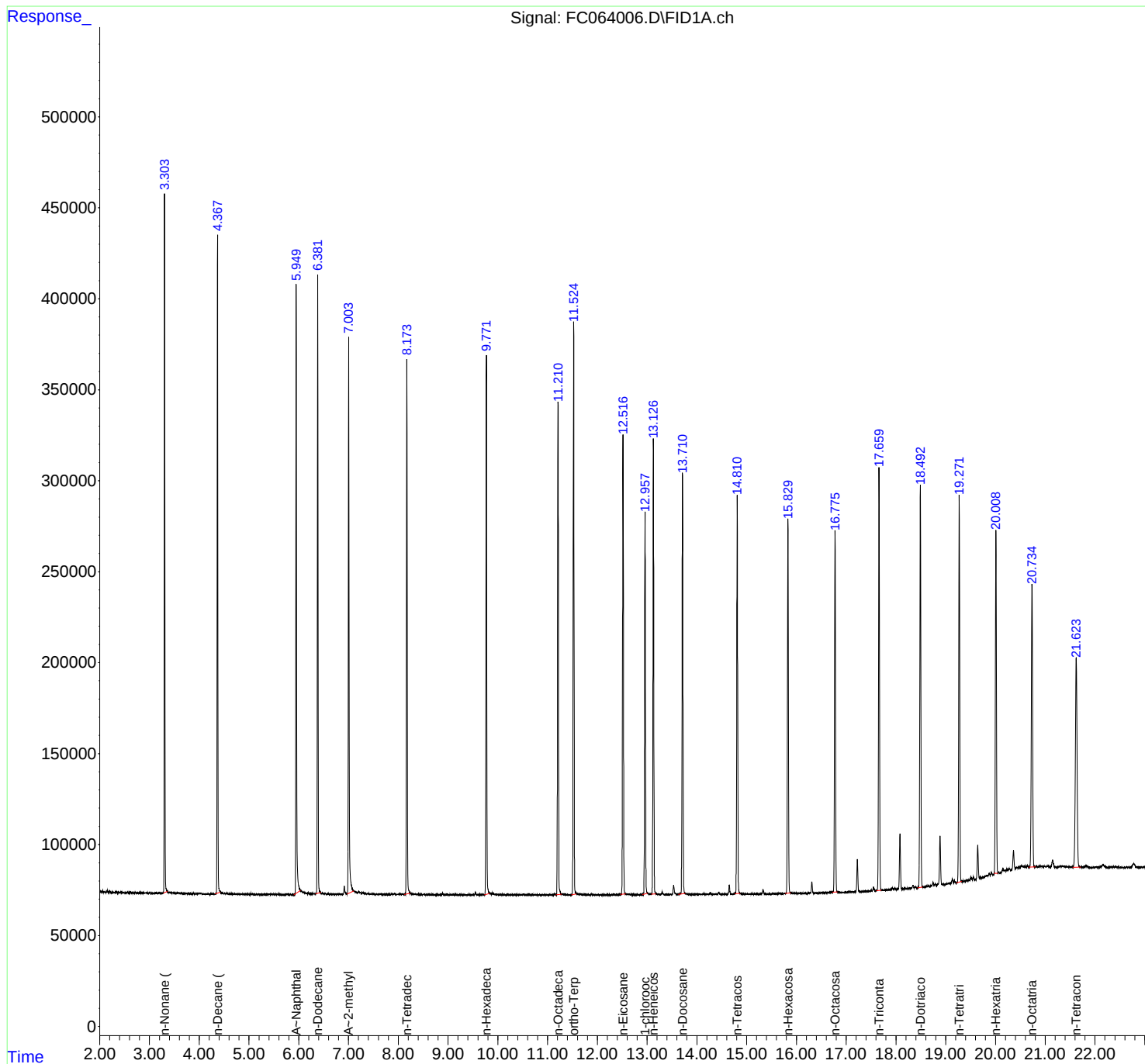
(m)=manual int.

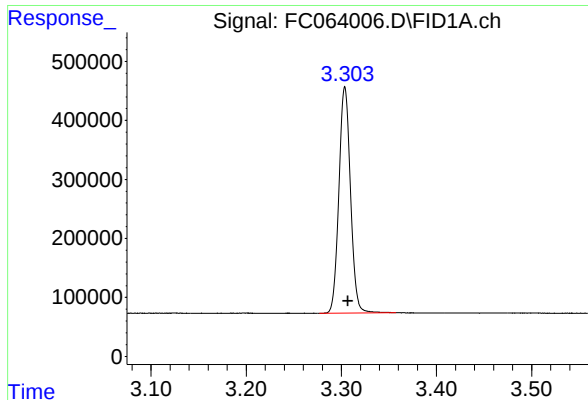
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Operator  : YP/AJ  
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Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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```

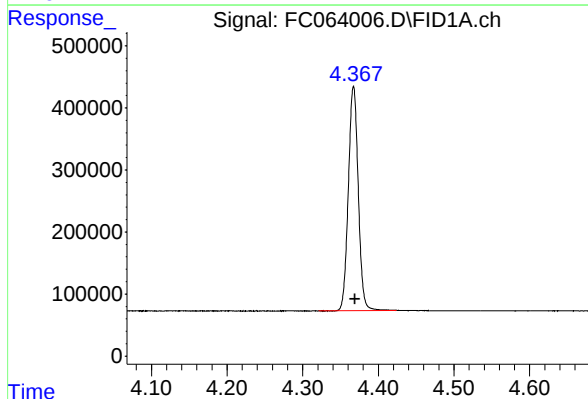




#1 n-Nonane (C9)

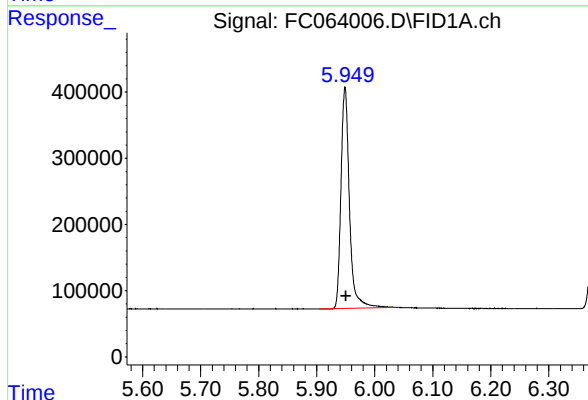
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3215291
Conc: 18.03 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



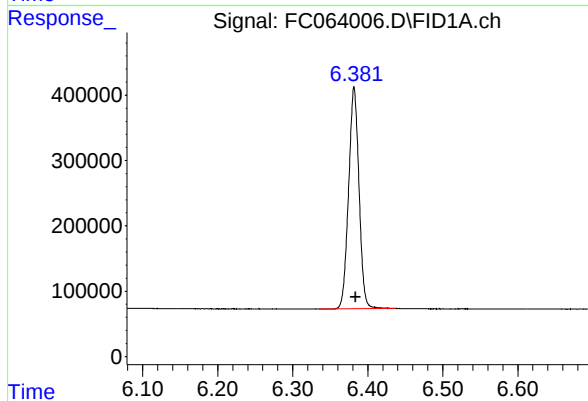
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 3290932
Conc: 18.19 ug/ml



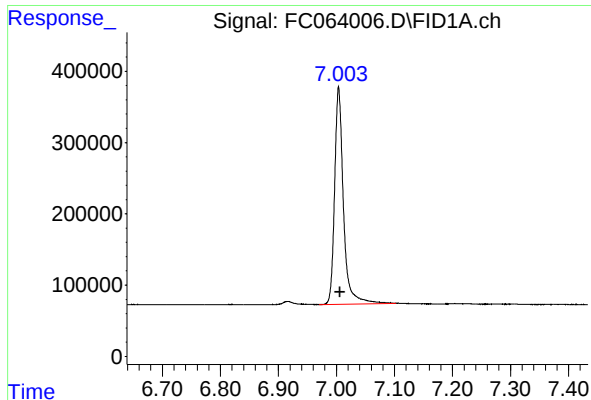
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 3389892
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

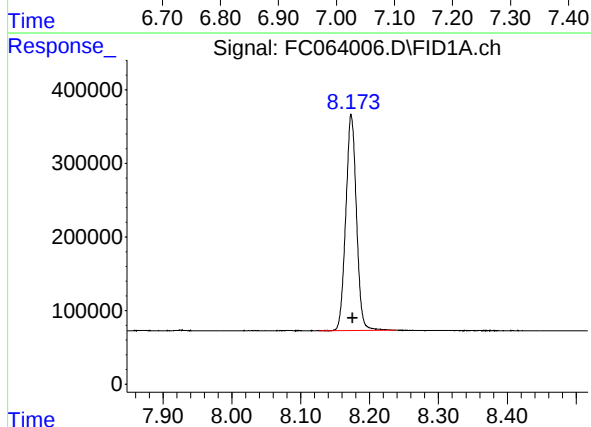
R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 3263257
Conc: 18.11 ug/ml



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

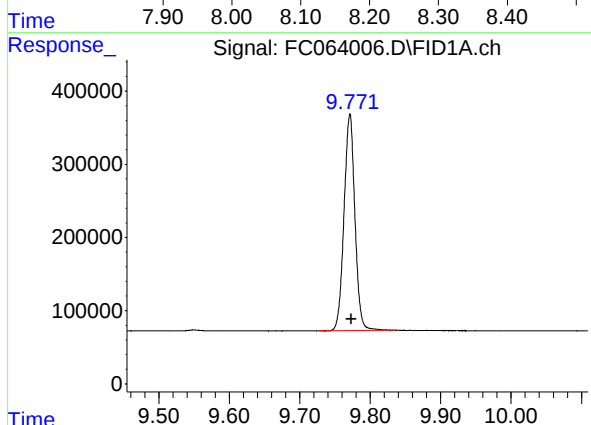
R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 3227354
Conc: 18.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



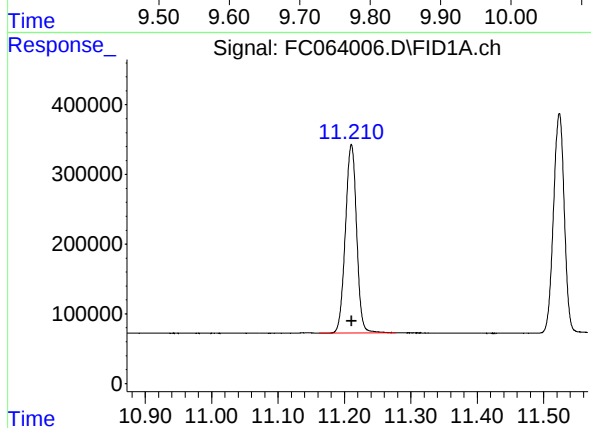
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 3151621
Conc: 18.22 ug/ml



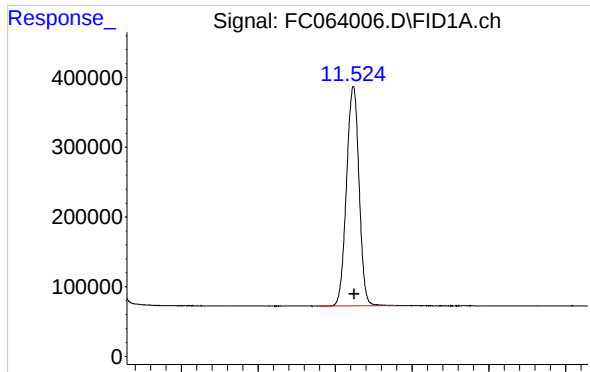
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.002 min
Response: 3185683
Conc: 18.34 ug/ml



#8 n-Octadecane (C18)

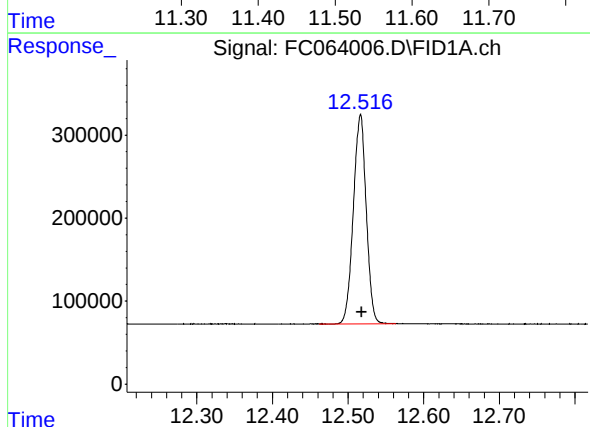
R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 3179974
Conc: 18.45 ug/ml



#9 ortho-Terphenyl (SURR)

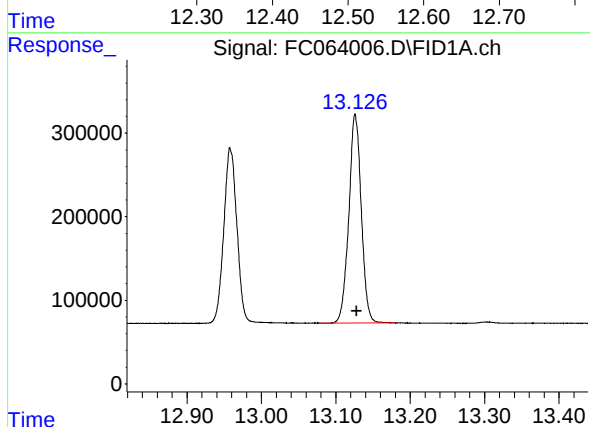
R.T.: 11.524 min
Delta R.T.: -0.001 min
Response: 3569370
Conc: 18.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



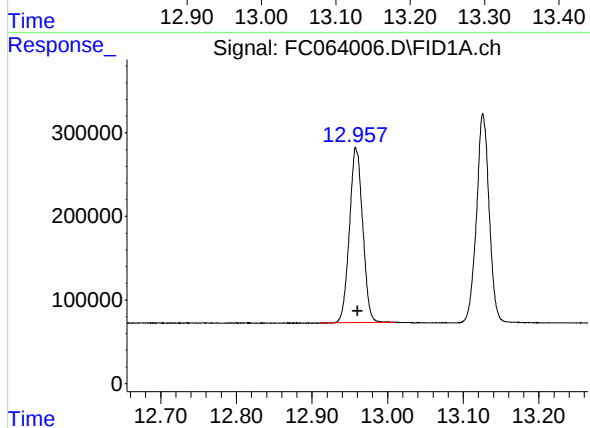
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.002 min
Response: 2985504
Conc: 18.29 ug/ml



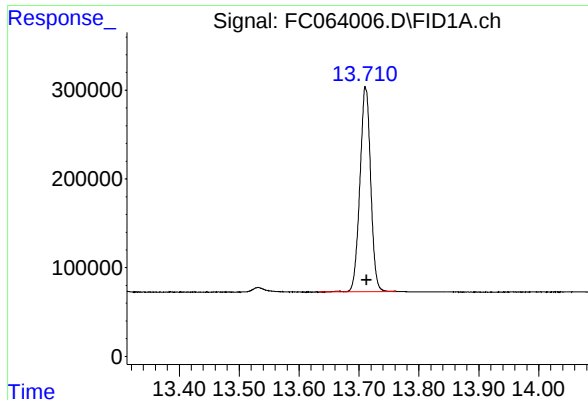
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.002 min
Response: 2910095
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

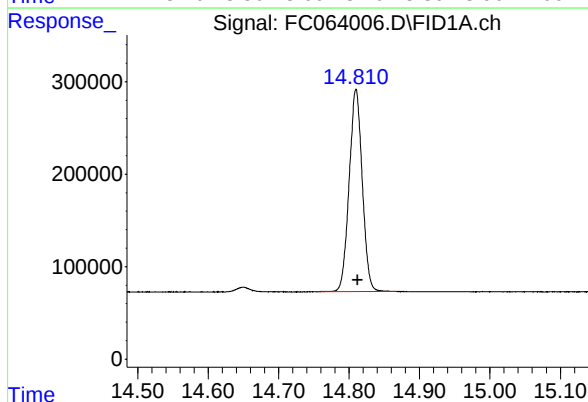
R.T.: 12.958 min
Delta R.T.: -0.002 min
Response: 2554333
Conc: 18.36 ug/ml



#13 n-Docosane (C22)

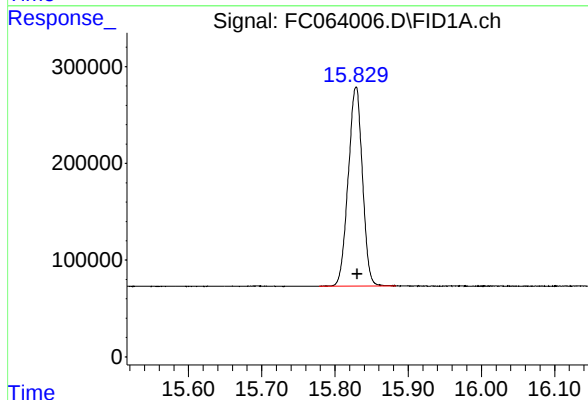
R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 2870443
Conc: 18.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



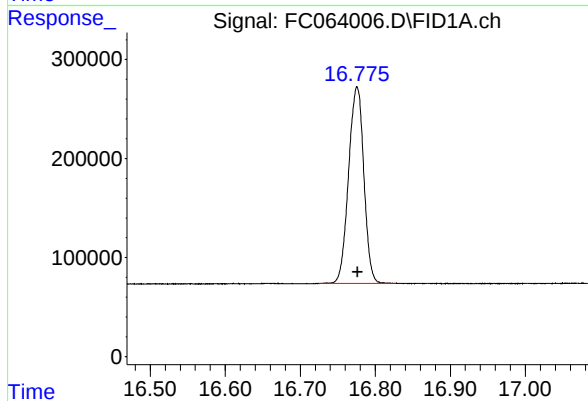
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.002 min
Response: 2824444
Conc: 17.92 ug/ml



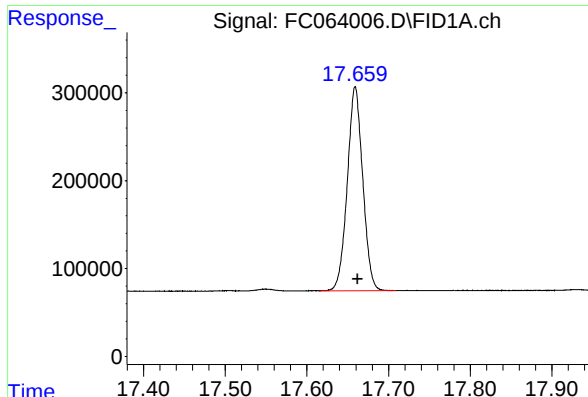
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.001 min
Response: 2772228
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

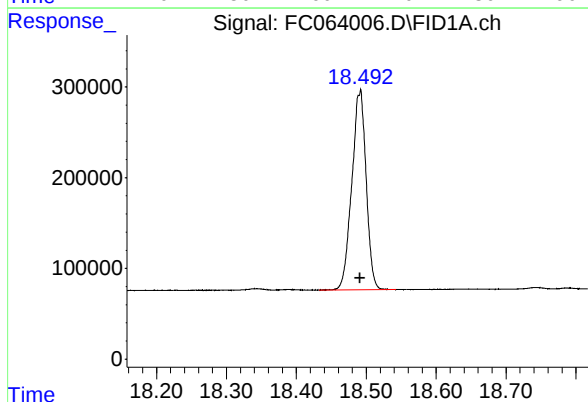
R.T.: 16.776 min
Delta R.T.: -0.001 min
Response: 2800853
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

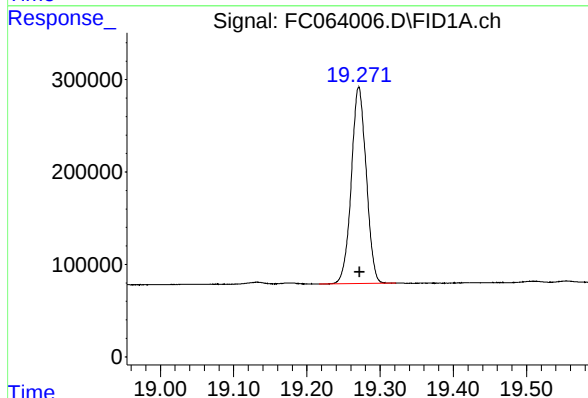
R.T.: 17.659 min
Delta R.T.: -0.003 min
Response: 3052827
Conc: 19.55 ug/ml

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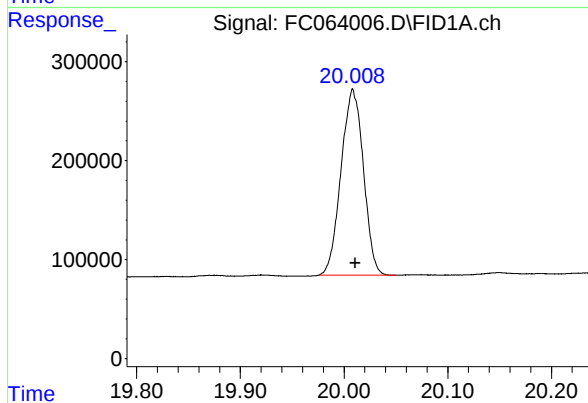
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 3128513
Conc: 19.80 ug/ml



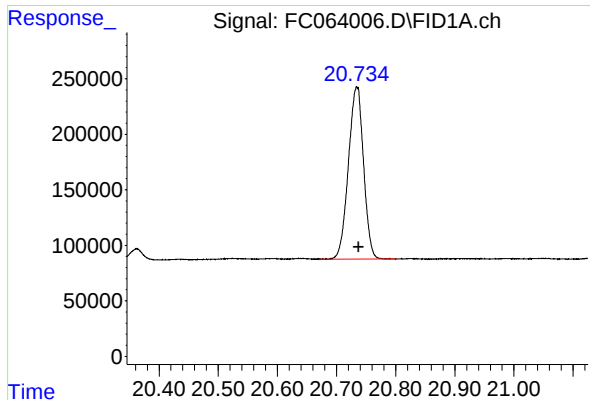
#19 n-Tetatriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.001 min
Response: 3006710
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

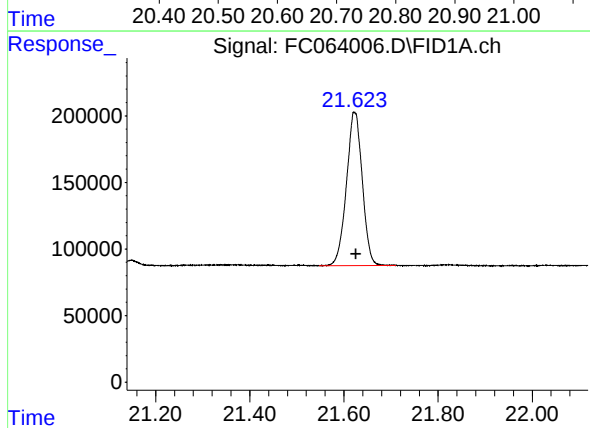
R.T.: 20.008 min
Delta R.T.: -0.002 min
Response: 2817429
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.003 min
Response: 275777
Conc: 18.62 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: -0.003 min
Response: 2689692
Conc: 18.45 ug/ml