

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090624AL\
 Data File : FC067070.D
 Signal(s) : FID1A.ch
 Acq On : 06 Sep 2024 21:54
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 07 01:56:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 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)	11.507	3303729	21.702 ug/ml
Spiked Amount 50.000		Recovery =	43.40%
12) S 1-chlorooctadecane (S...	12.946	2463204	22.736 ug/ml
Spiked Amount 50.000		Recovery =	45.47%
Target Compounds			
1) T n-Nonane (C9)	3.277	3137057	21.345 ug/ml
2) T n-Decane (C10)	4.342	3227201	21.536 ug/ml
3) T A~Naphthalene (C11.7)	5.922	3445895	21.661 ug/ml
4) T n-Dodecane (C12)	6.360	3244053	21.621 ug/ml
5) T A~2-methylnaphthalene...	6.978	3276178	21.785 ug/ml
6) T n-Tetradecane (C14)	8.154	3165750	21.834 ug/ml
7) T n-Hexadecane (C16)	9.754	3226482	22.014 ug/ml
8) T n-Octadecane (C18)	11.195	3221737	22.105 ug/ml
10) T n-Eicosane (C20)	12.503	3023074	22.075 ug/ml
11) T n-Heneicosane (C21)	13.115	2930835	21.993 ug/ml
13) T n-Docosane (C22)	13.701	2897019	21.985 ug/ml
14) T n-Tetracosane (C24)	14.802	2848585	21.979 ug/ml
15) T n-Hexacosane (C26)	15.822	2753965	21.711 ug/ml
16) T n-Octacosane (C28)	16.772	2718413	21.886 ug/ml
17) T n-Tricontane (C30)	17.658	2794411	22.236 ug/ml
18) T n-Dotriacontane (C32)	18.490	2761280	22.355 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2669675	22.264 ug/ml
20) T n-Hexatriacontane (C36)	20.012	2526941	22.380 ug/ml
21) T n-Octatriacontane (C38)	20.737	2465165	22.627 ug/ml
22) T n-Tetracontane (C40)	21.631	2326070	22.771 ug/ml

(f)=RT Delta > 1/2 Window

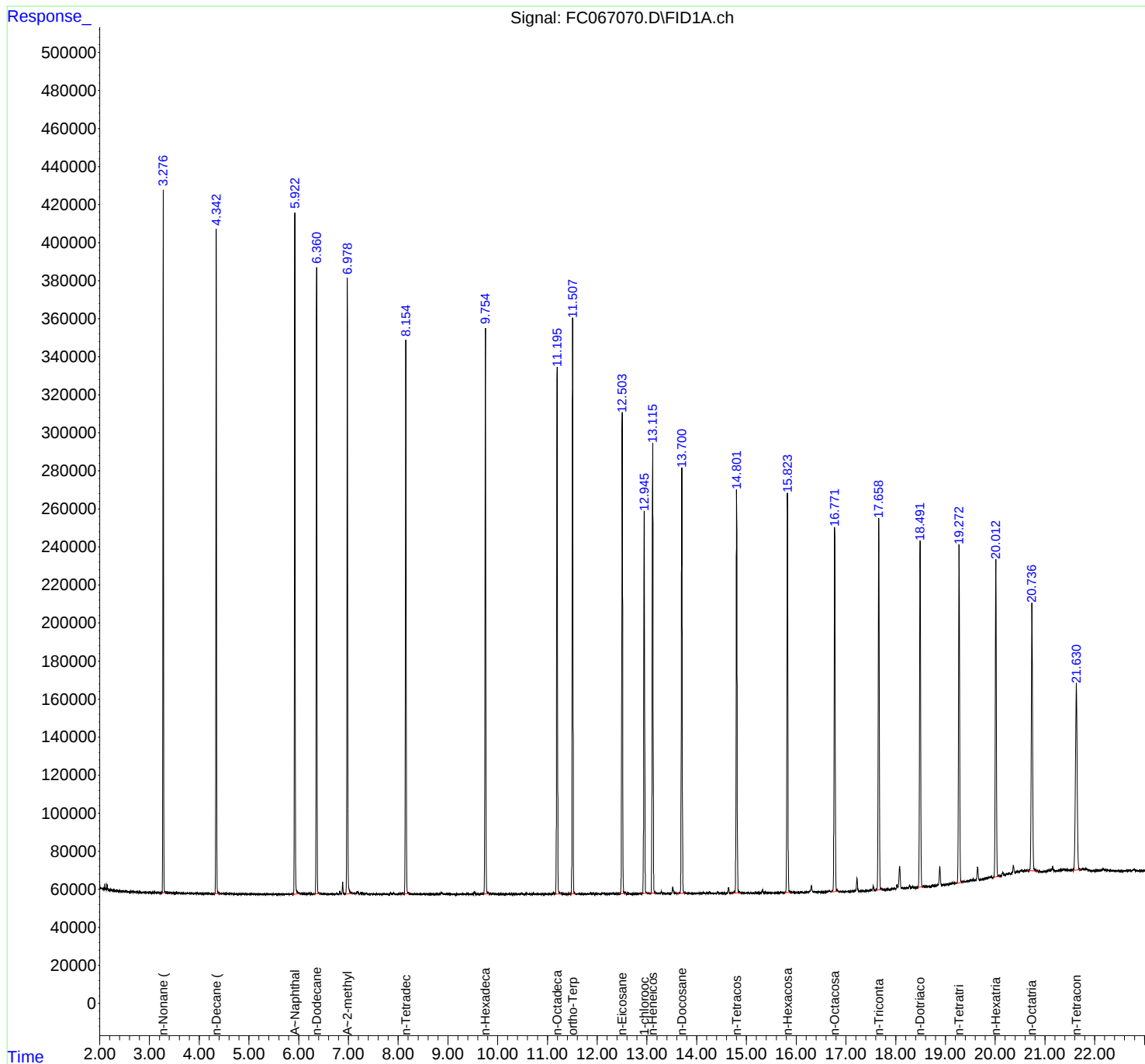
(m)=manual int.

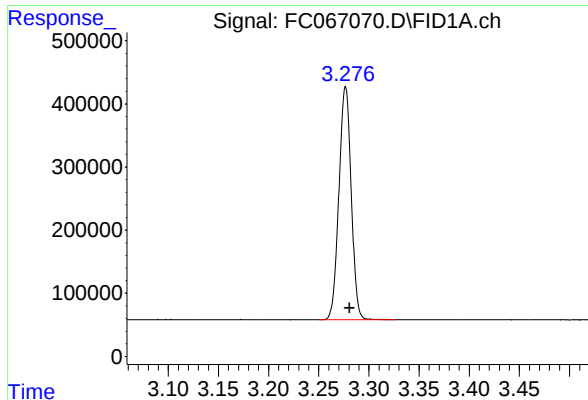
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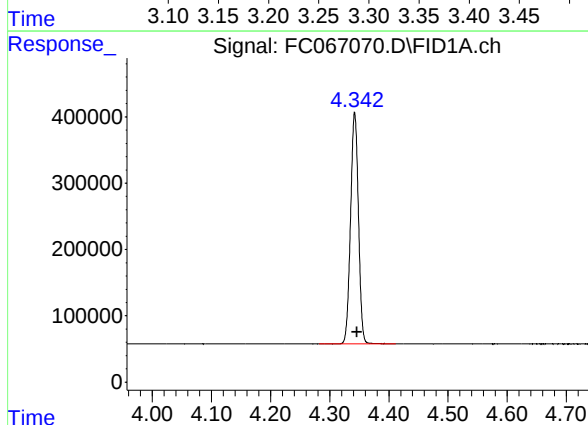




#1 n-Nonane (C9)

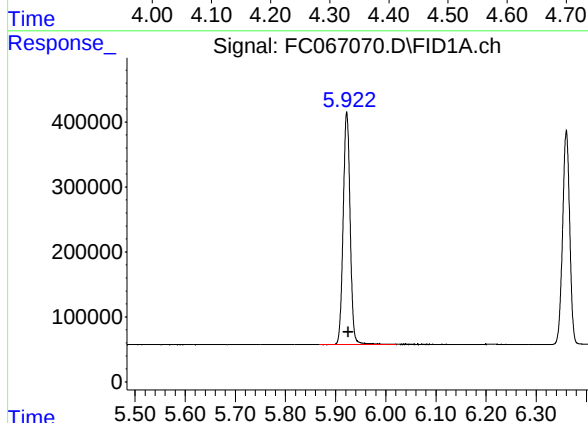
R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 3137057
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



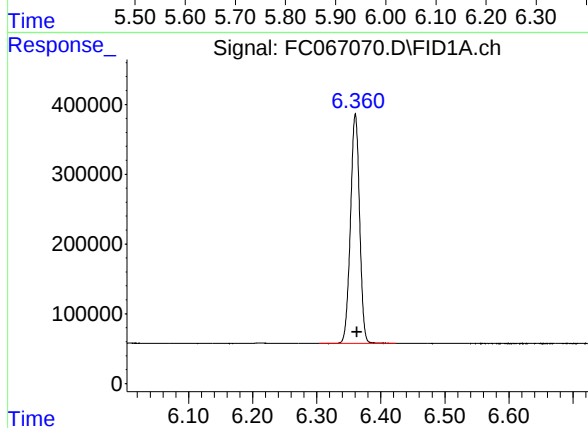
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: -0.004 min
Response: 3227201
Conc: 21.54 ug/ml



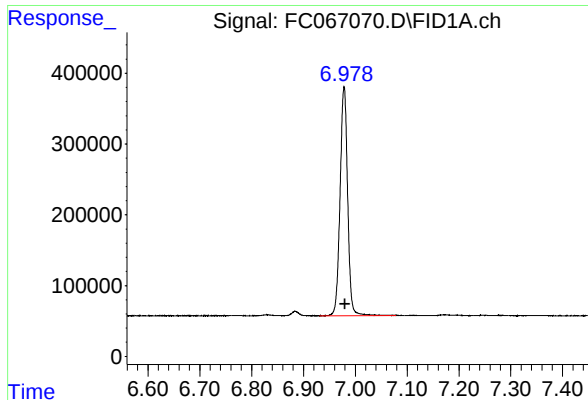
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 3445895
Conc: 21.66 ug/ml



#4 n-Dodecane (C12)

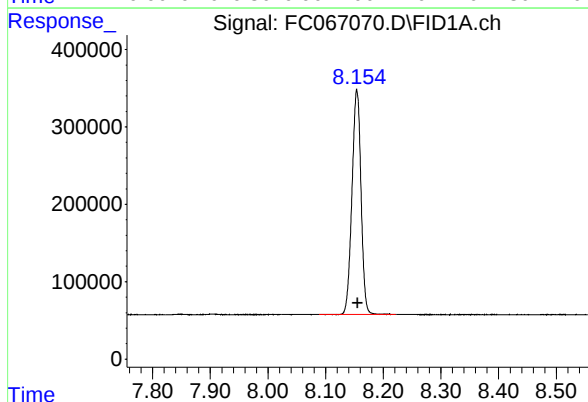
R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 3244053
Conc: 21.62 ug/ml



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

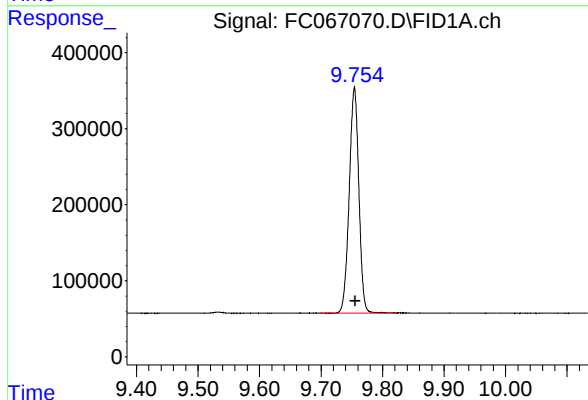
R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 3276178
Conc: 21.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



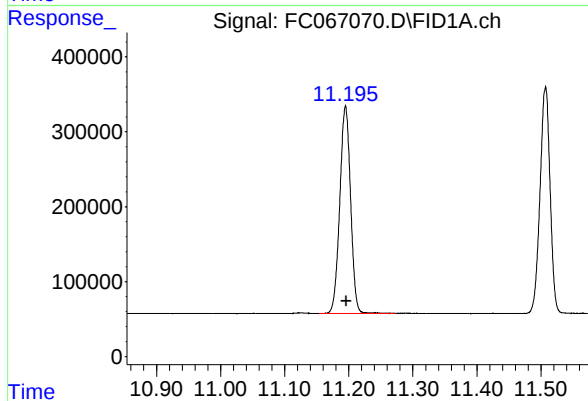
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 3165750
Conc: 21.83 ug/ml



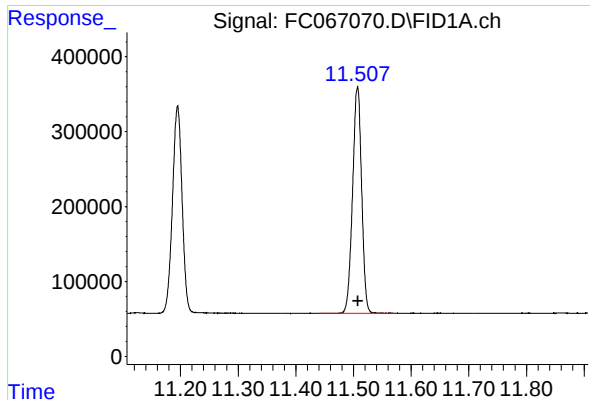
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.002 min
Response: 3226482
Conc: 22.01 ug/ml



#8 n-Octadecane (C18)

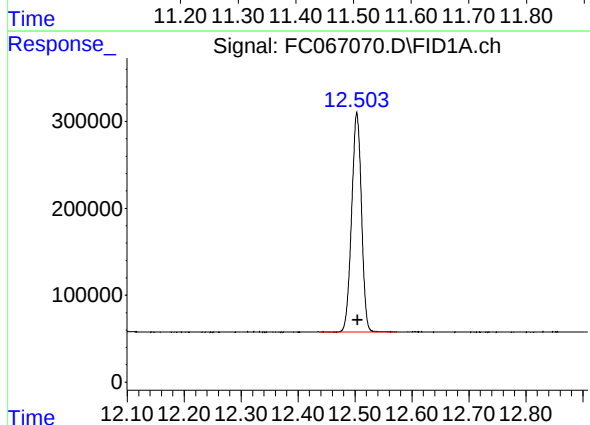
R.T.: 11.195 min
Delta R.T.: -0.001 min
Response: 3221737
Conc: 22.10 ug/ml



#9 ortho-Terphenyl (SURR)

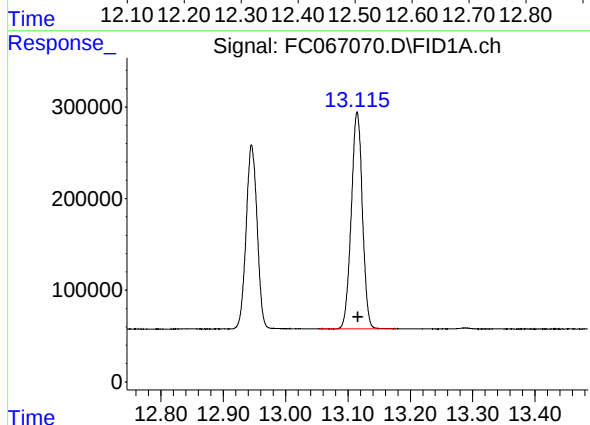
R.T.: 11.507 min
Delta R.T.: -0.001 min
Response: 3303729
Conc: 21.70 ug/ml

Instrument :
FID_C
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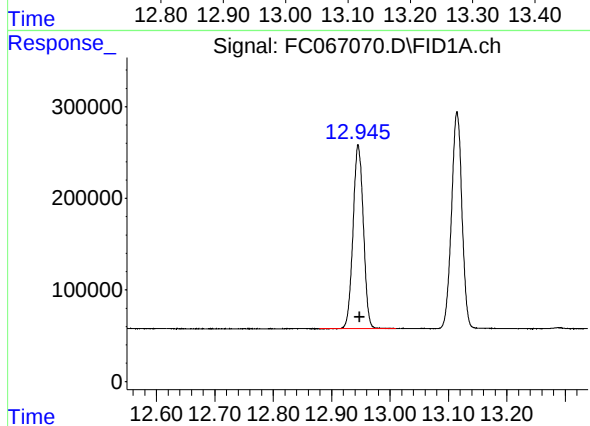
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: -0.002 min
Response: 3023074
Conc: 22.08 ug/ml



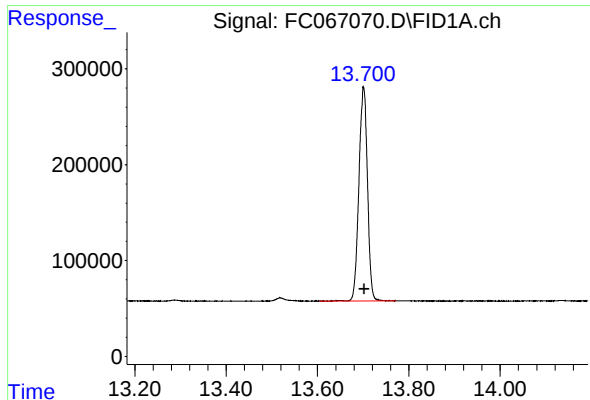
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: -0.001 min
Response: 2930835
Conc: 21.99 ug/ml



#12 1-chlorooctadecane (SURR)

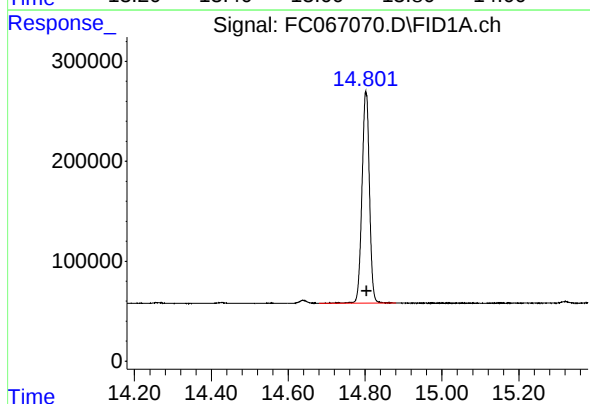
R.T.: 12.946 min
Delta R.T.: -0.002 min
Response: 2463204
Conc: 22.74 ug/ml



#13 n-Docosane (C22)

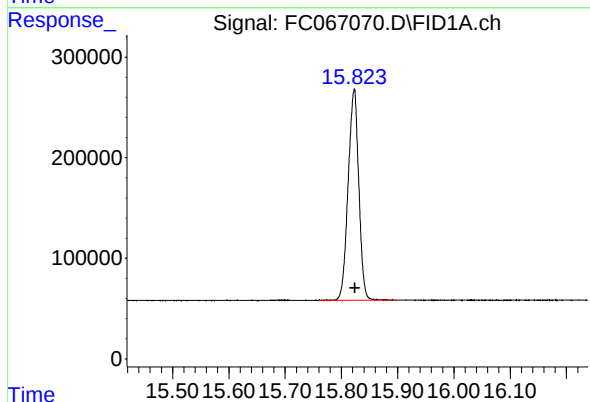
R.T.: 13.701 min
Delta R.T.: -0.002 min
Response: 2897019
Conc: 21.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



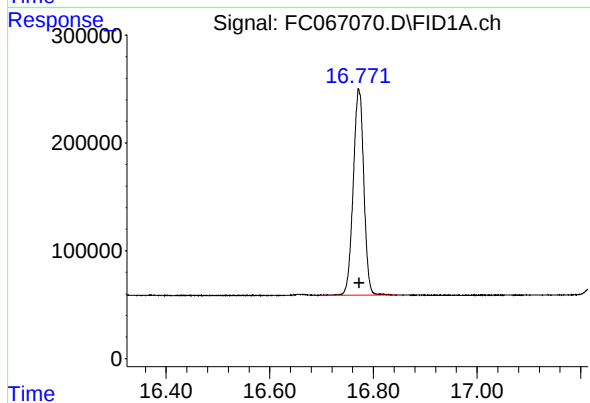
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: -0.002 min
Response: 2848585
Conc: 21.98 ug/ml



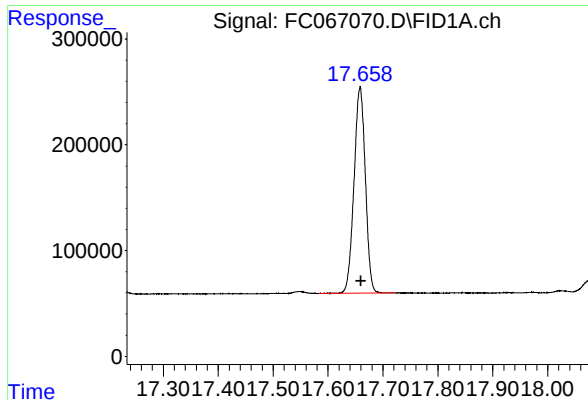
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: -0.002 min
Response: 2753965
Conc: 21.71 ug/ml



#16 n-Octacosane (C28)

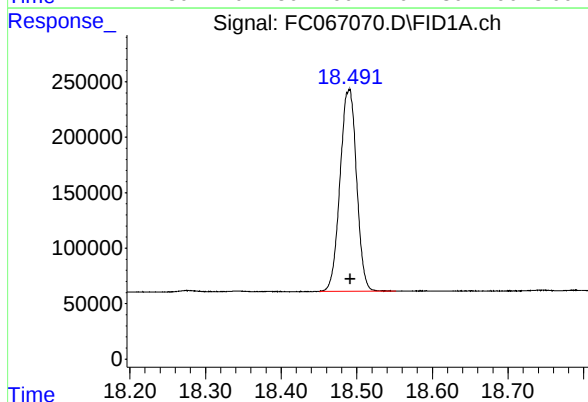
R.T.: 16.772 min
Delta R.T.: -0.001 min
Response: 2718413
Conc: 21.89 ug/ml



#17 n-Tricontane (C30)

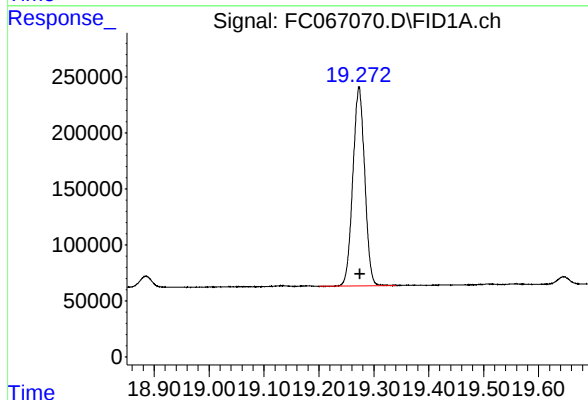
R.T.: 17.658 min
Delta R.T.: -0.002 min
Response: 2794411
Conc: 22.24 ug/ml

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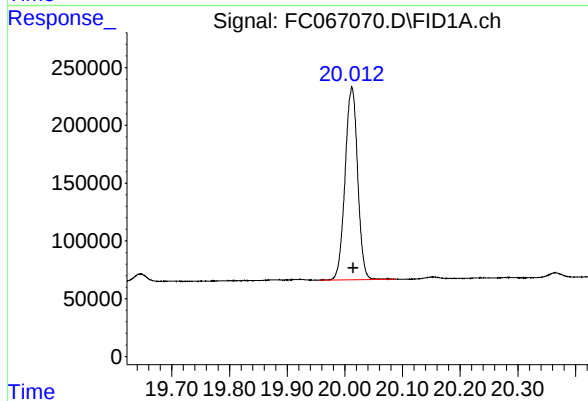
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.002 min
Response: 2761280
Conc: 22.36 ug/ml



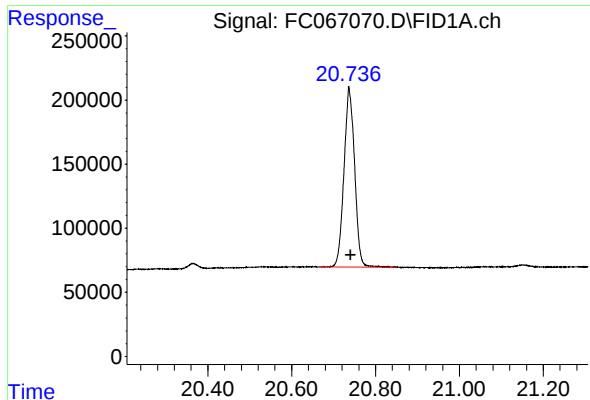
#19 n-Tetatriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.002 min
Response: 2669675
Conc: 22.26 ug/ml



#20 n-Hexatriacontane (C36)

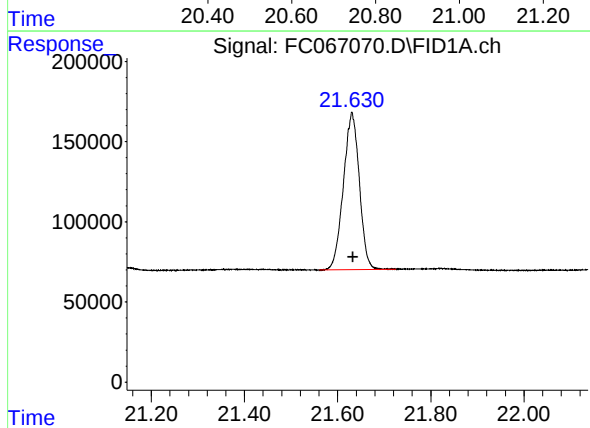
R.T.: 20.012 min
Delta R.T.: -0.002 min
Response: 2526941
Conc: 22.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: -0.004 min
Response: 2465165
Conc: 22.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: -0.002 min
Response: 2326070
Conc: 22.77 ug/ml