

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103124AL\
 Data File : FC067591.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 09:13
 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: Nov 01 01:50:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.492	2567090	17.495 ug/ml
Spiked Amount 50.000		Recovery =	34.99%
12) S 1-chlorooctadecane (S...	12.930	1925040	17.826 ug/ml
Spiked Amount 50.000		Recovery =	35.65%
Target Compounds			
1) T n-Nonane (C9)	3.273	2256641	16.751 ug/ml
2) T n-Decane (C10)	4.338	2362070	17.337 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2552351	17.224 ug/ml
4) T n-Dodecane (C12)	6.352	2364777	17.460 ug/ml
5) T A~2-methylnaphthalene...	6.969	2443752	17.304 ug/ml
6) T n-Tetradecane (C14)	8.144	2304346	17.556 ug/ml
7) T n-Hexadecane (C16)	9.742	2336599	17.688 ug/ml
8) T n-Octadecane (C18)	11.182	2362082	17.879 ug/ml
10) T n-Eicosane (C20)	12.488	2269352	17.985 ug/ml
11) T n-Heneicosane (C21)	13.099	2206095	17.875 ug/ml
13) T n-Docosane (C22)	13.684	2257538	18.437 ug/ml
14) T n-Tetracosane (C24)	14.785	2370754	19.559 ug/ml
15) T n-Hexacosane (C26)	15.803	2471144	20.756 ug/ml
16) T n-Octacosane (C28)	16.752	2583422	21.959 ug/ml
17) T n-Tricontane (C30)	17.638	2729248	22.580 ug/ml
18) T n-Dotriacontane (C32)	18.469	2719447	22.984 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2274636	21.720 ug/ml
20) T n-Hexatriacontane (C36)	19.988	1841389	20.229 ug/ml
21) T n-Octatriacontane (C38)	20.710	1674542	19.336 ug/ml
22) T n-Tetracontane (C40)	21.593	1593541	18.745 ug/ml

(f)=RT Delta > 1/2 Window

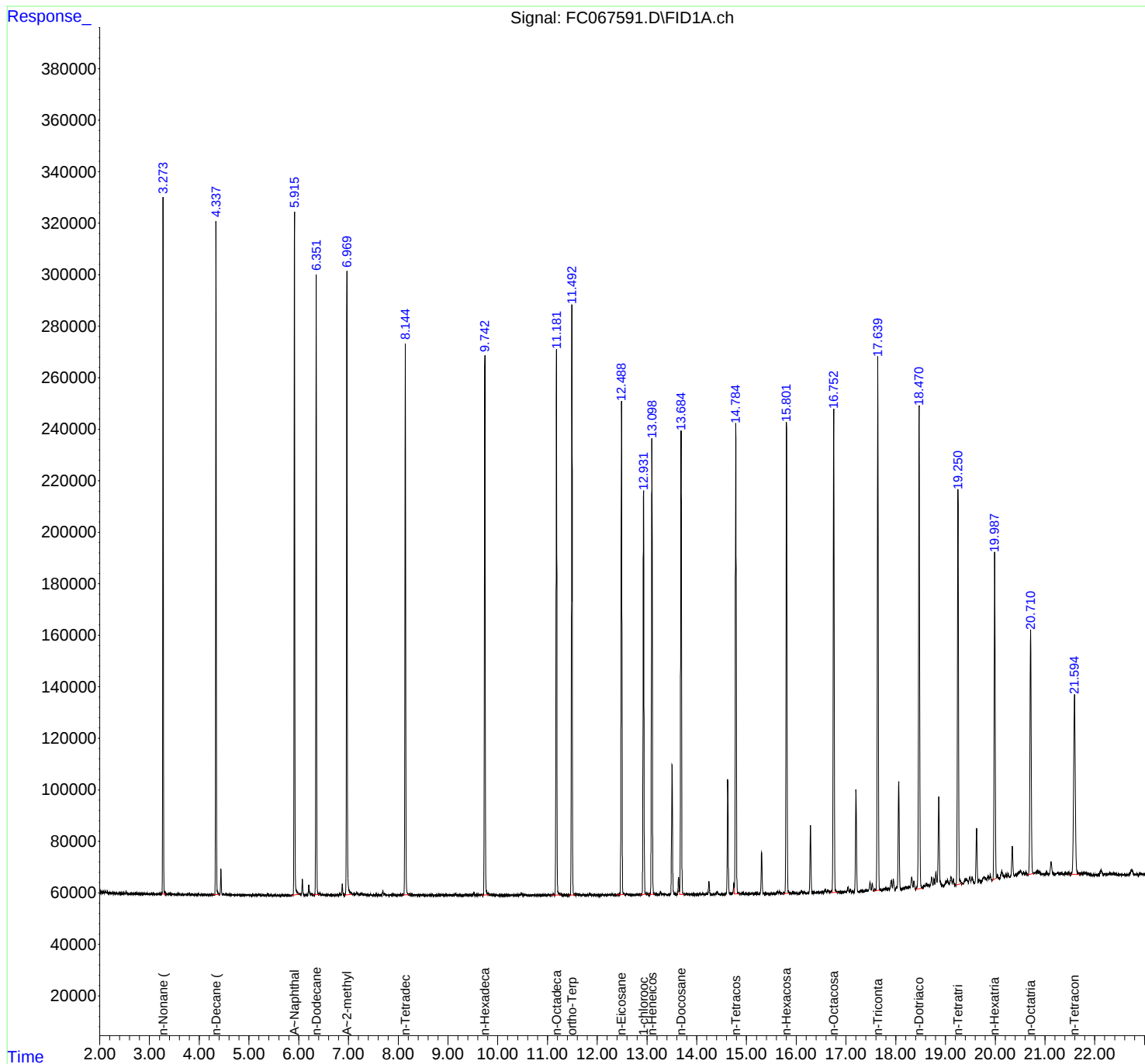
(m)=manual int.

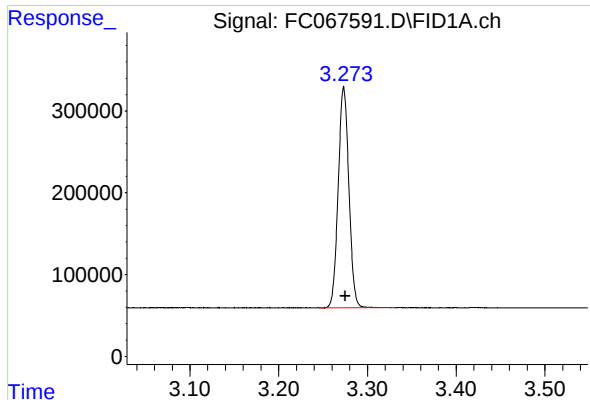
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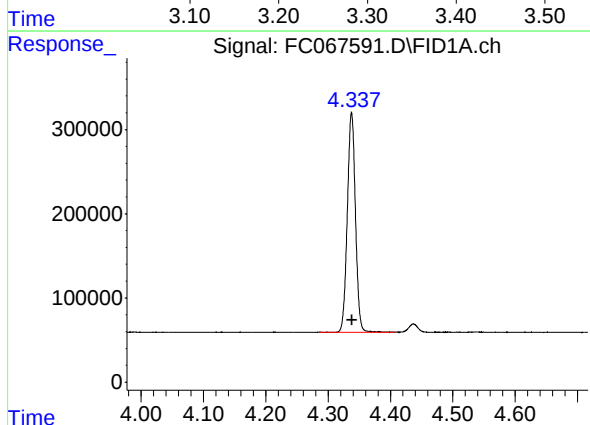




#1 n-Nonane (C9)

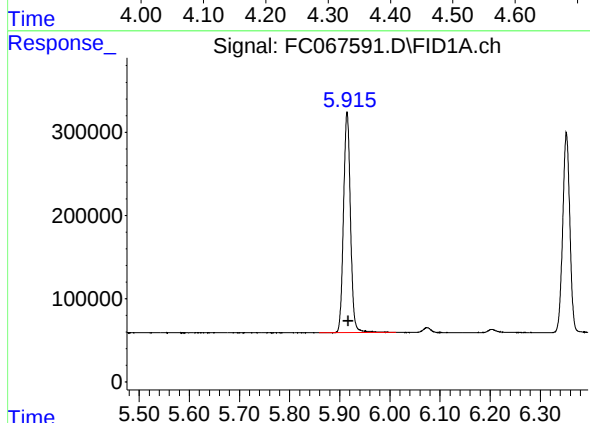
R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 2256641
Conc: 16.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



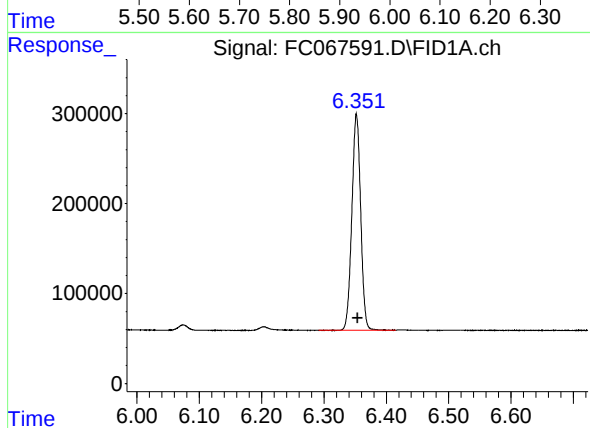
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2362070
Conc: 17.34 ug/ml



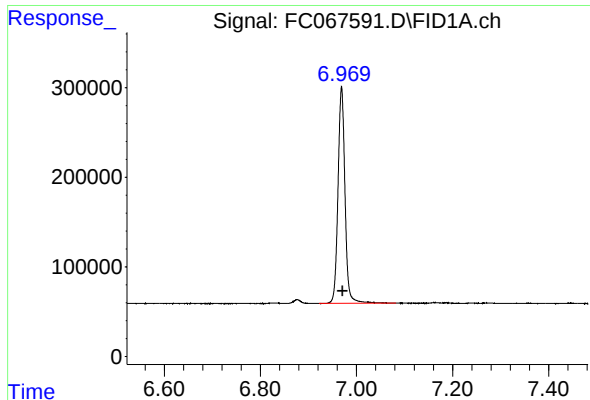
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 2552351
Conc: 17.22 ug/ml



#4 n-Dodecane (C12)

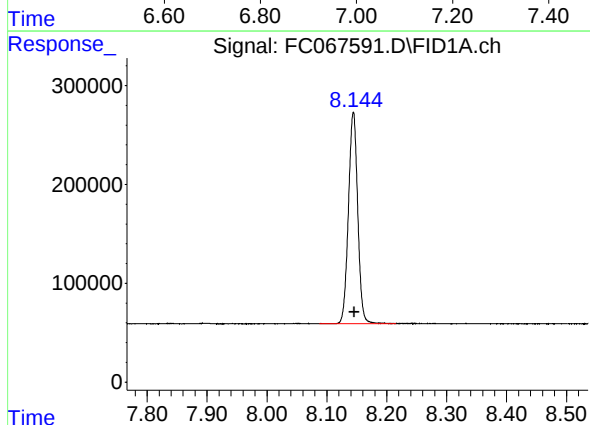
R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 2364777
Conc: 17.46 ug/ml



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

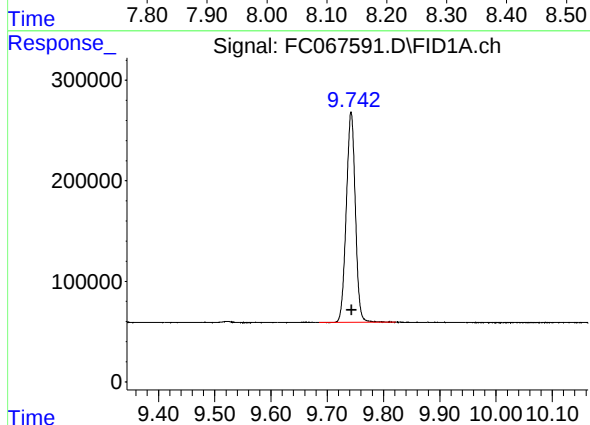
R.T.: 6.969 min
Delta R.T.: -0.002 min
Response: 2443752
Conc: 17.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



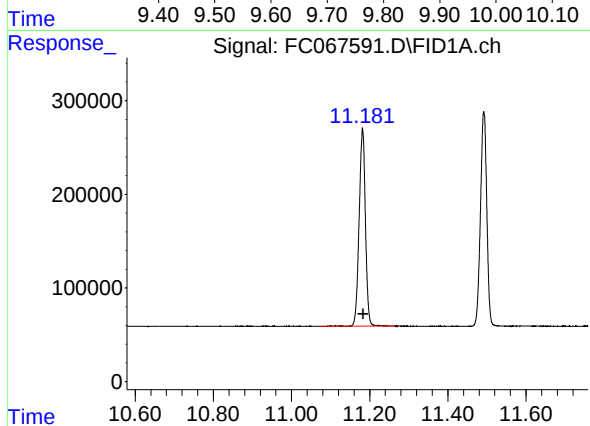
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.002 min
Response: 2304346
Conc: 17.56 ug/ml



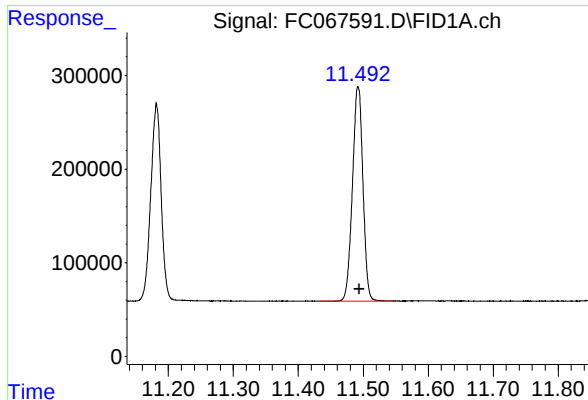
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 2336599
Conc: 17.69 ug/ml



#8 n-Octadecane (C18)

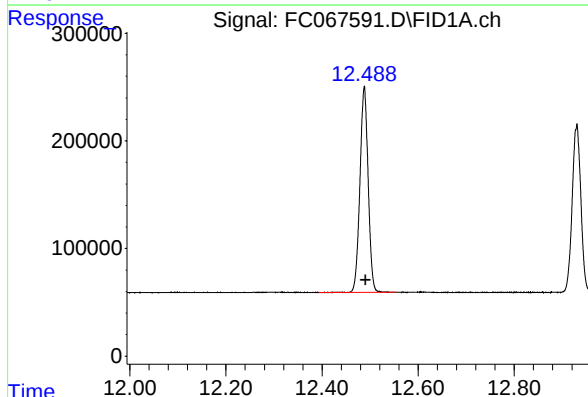
R.T.: 11.182 min
Delta R.T.: -0.002 min
Response: 2362082
Conc: 17.88 ug/ml



#9 ortho-Terphenyl (SURR)

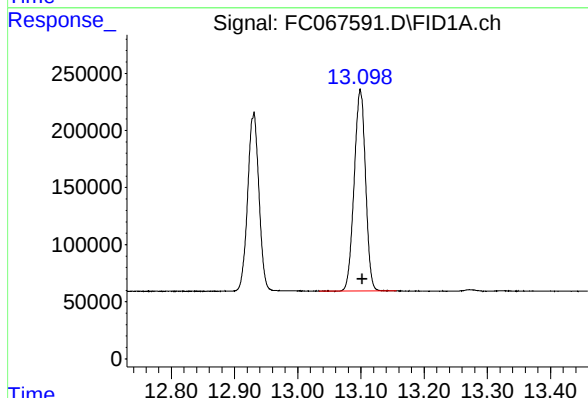
R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 2567090
Conc: 17.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



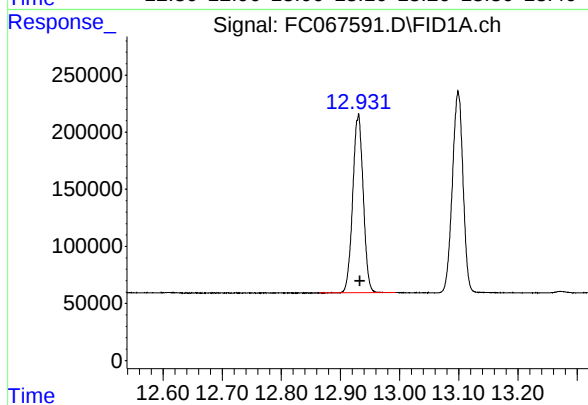
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.003 min
Response: 2269352
Conc: 17.99 ug/ml



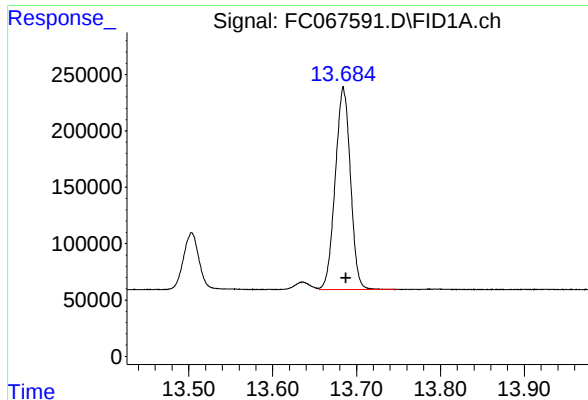
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2206095
Conc: 17.88 ug/ml



#12 1-chlorooctadecane (SURR)

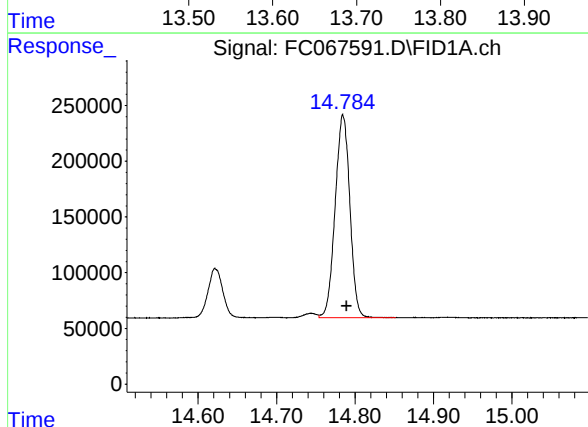
R.T.: 12.930 min
Delta R.T.: -0.003 min
Response: 1925040
Conc: 17.83 ug/ml



#13 n-Docosane (C22)

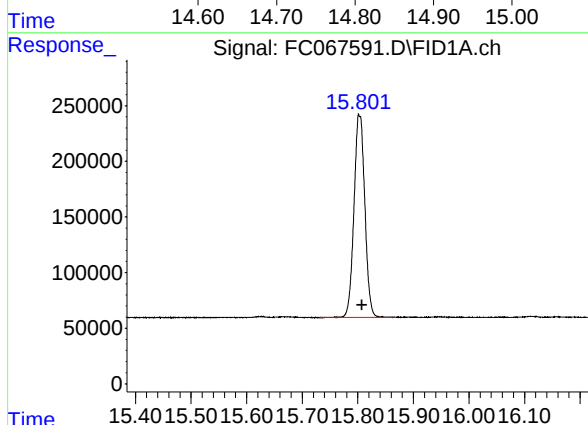
R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2257538
Conc: 18.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



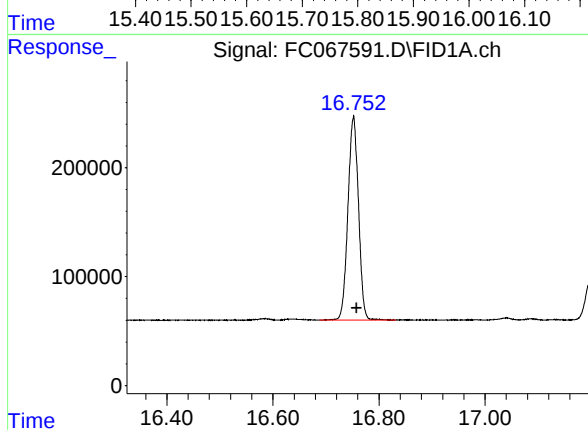
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.005 min
Response: 2370754
Conc: 19.56 ug/ml



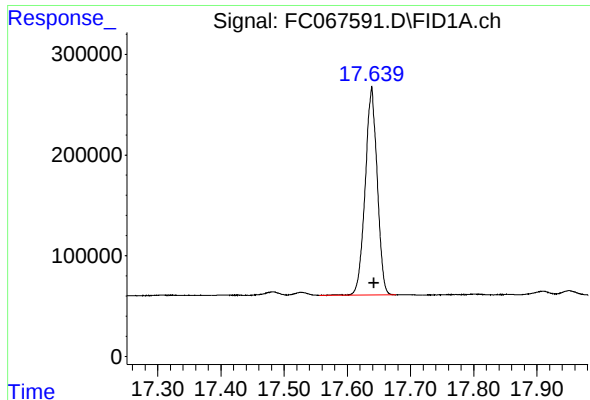
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.005 min
Response: 2471144
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

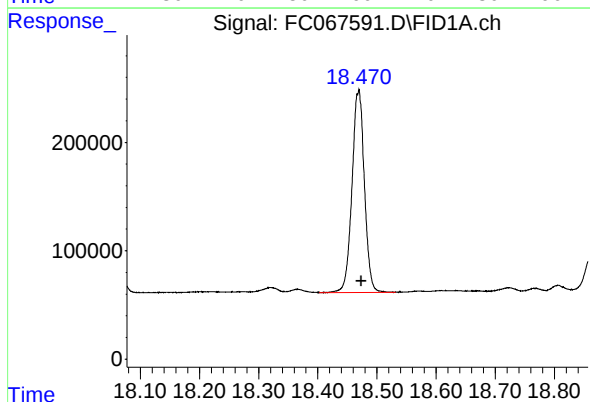
R.T.: 16.752 min
Delta R.T.: -0.006 min
Response: 2583422
Conc: 21.96 ug/ml



#17 n-Tricontane (C30)

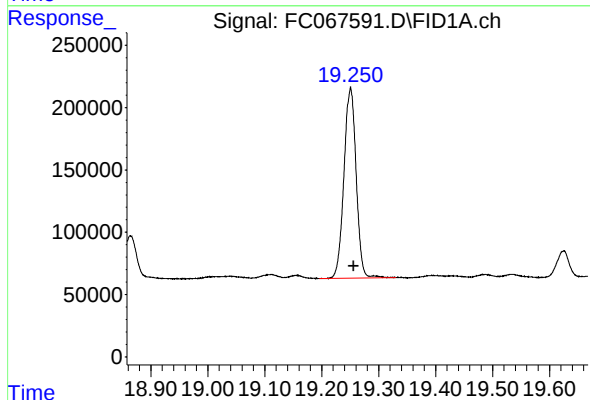
R.T.: 17.638 min
Delta R.T.: -0.004 min
Response: 2729248
Conc: 22.58 ug/ml

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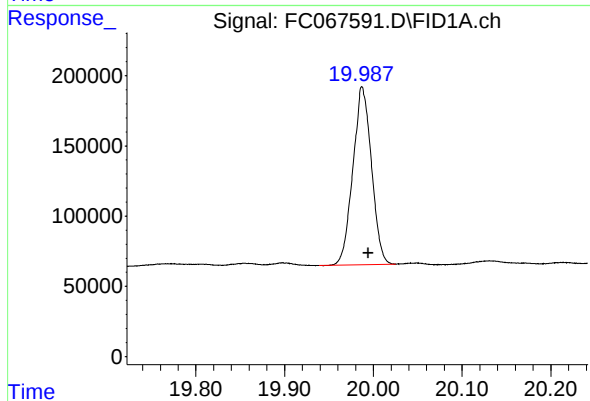
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.005 min
Response: 2719447
Conc: 22.98 ug/ml



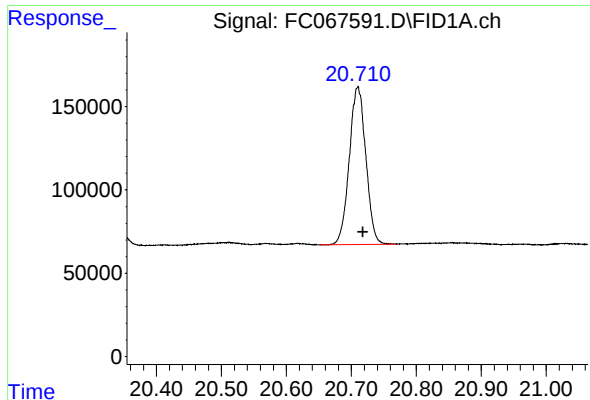
#19 n-Tetatriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.006 min
Response: 2274636
Conc: 21.72 ug/ml



#20 n-Hexatriacontane (C36)

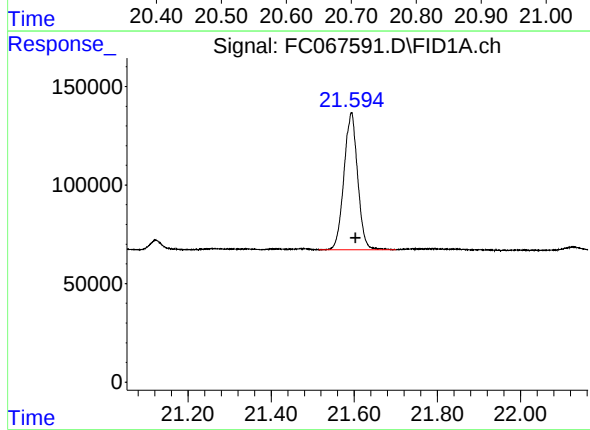
R.T.: 19.988 min
Delta R.T.: -0.006 min
Response: 1841389
Conc: 20.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: -0.008 min
Response: 1674542
Conc: 19.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: -0.010 min
Response: 1593541
Conc: 18.75 ug/ml