

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110624AL\
 Data File : FC067633.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2024 11:05
 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: Nov 06 13:55:24 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)	11.490	2993895	20.404 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
12) S 1-chlorooctadecane (S...	12.928	2191360	20.293 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
Target Compounds			
1) T n-Nonane (C9)	3.271	2802651	20.803 ug/ml
2) T n-Decane (C10)	4.335	2835860	20.814 ug/ml
3) T A~Naphthalene (C11.7)	5.911	3071339	20.726 ug/ml
4) T n-Dodecane (C12)	6.350	2823942	20.850 ug/ml
5) T A~2-methylnaphthalene...	6.966	2918036	20.663 ug/ml
6) T n-Tetradecane (C14)	8.142	2721755	20.736 ug/ml
7) T n-Hexadecane (C16)	9.739	2731698	20.679 ug/ml
8) T n-Octadecane (C18)	11.179	2735841	20.708 ug/ml
10) T n-Eicosane (C20)	12.486	2593632	20.555 ug/ml
11) T n-Heneicosane (C21)	13.097	2538990	20.573 ug/ml
13) T n-Docosane (C22)	13.681	2510950	20.506 ug/ml
14) T n-Tetracosane (C24)	14.782	2495838	20.591 ug/ml
15) T n-Hexacosane (C26)	15.802	2449767	20.577 ug/ml
16) T n-Octacosane (C28)	16.750	2405350	20.445 ug/ml
17) T n-Tricontane (C30)	17.635	2442427	20.207 ug/ml
18) T n-Dotriacontane (C32)	18.466	2369188	20.023 ug/ml
19) T n-Tetratriacontane (C34)	19.247	2097385	20.027 ug/ml
20) T n-Hexatriacontane (C36)	19.986	1837064	20.182 ug/ml
21) T n-Octatriacontane (C38)	20.707	1764116	20.370 ug/ml
22) T n-Tetracontane (C40)	21.590	1708041	20.092 ug/ml

(f)=RT Delta > 1/2 Window

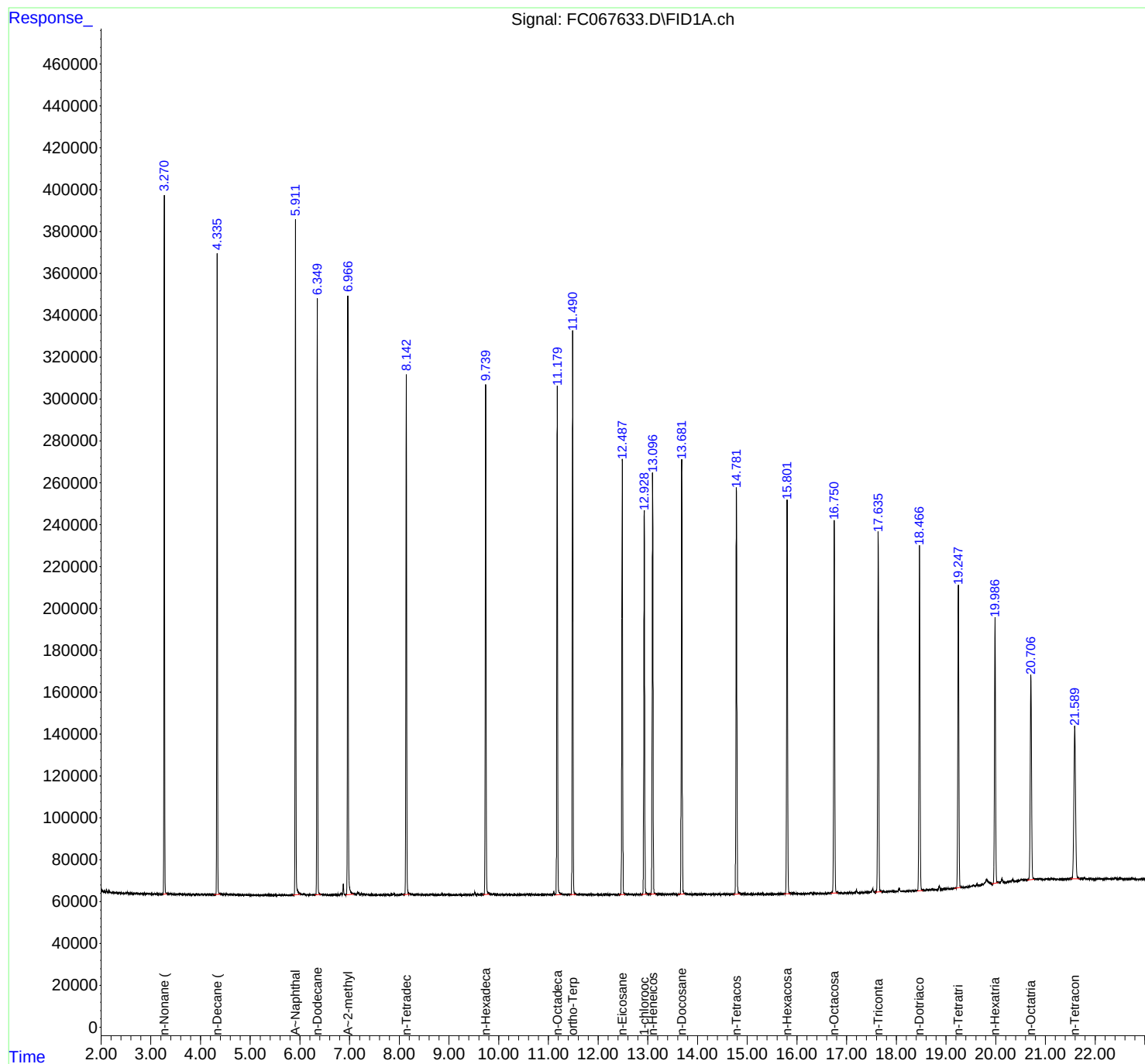
(m)=manual int.

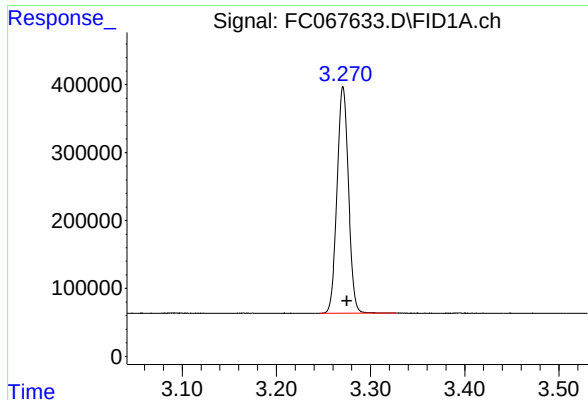
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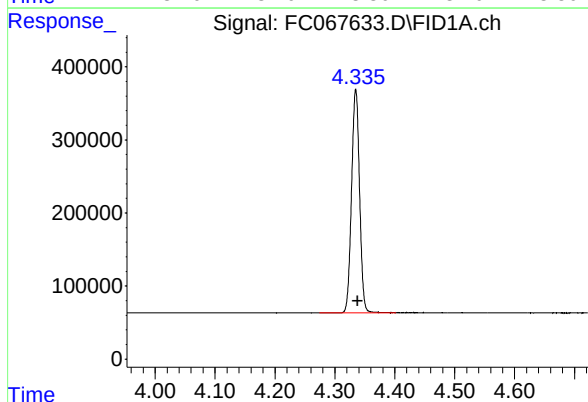




#1 n-Nonane (C9)

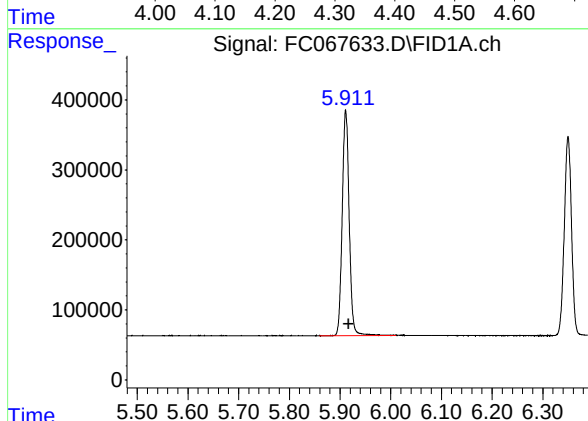
R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2802651
Conc: 20.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



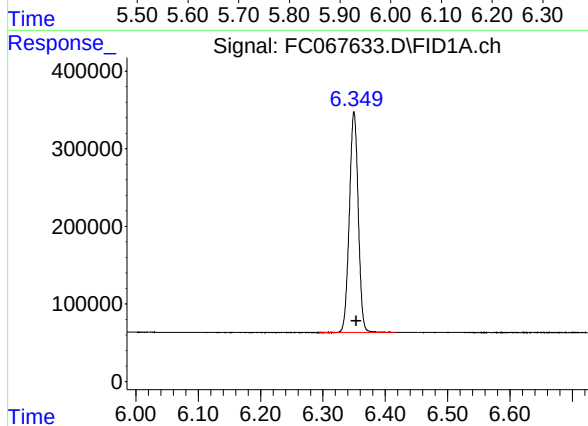
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.004 min
Response: 2835860
Conc: 20.81 ug/ml



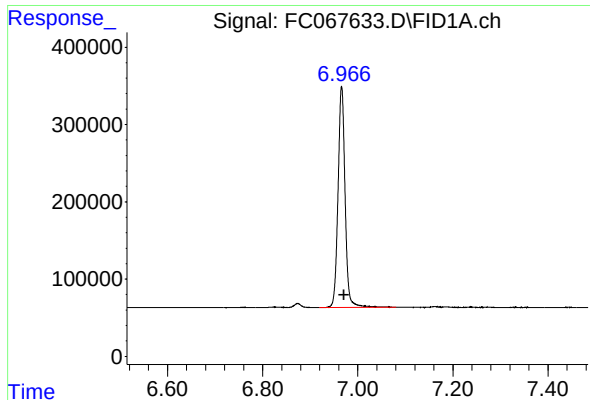
#3 A~Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: -0.005 min
Response: 3071339
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

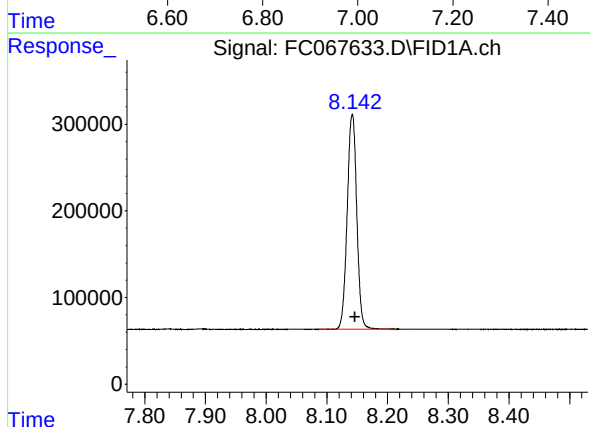
R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 2823942
Conc: 20.85 ug/ml



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

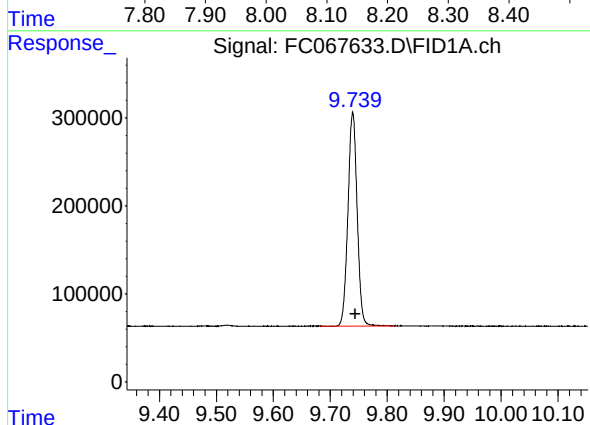
R.T.: 6.966 min
Delta R.T.: -0.005 min
Response: 2918036
Conc: 20.66 ug/ml

Instrument :
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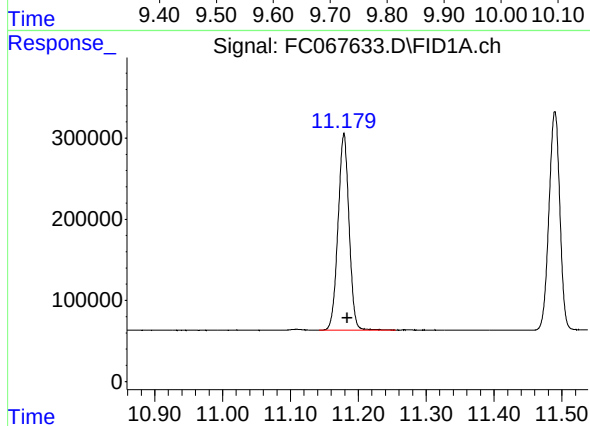
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 2721755
Conc: 20.74 ug/ml



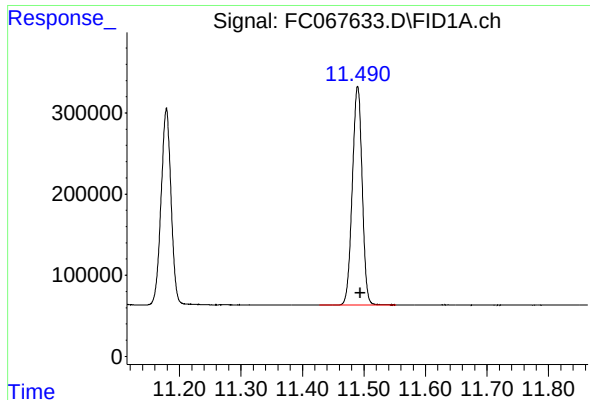
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.004 min
Response: 2731698
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

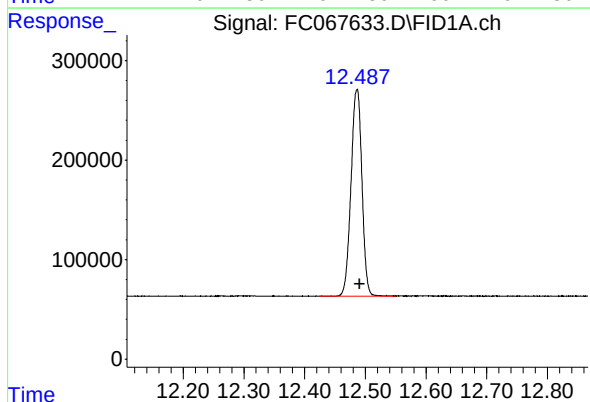
R.T.: 11.179 min
Delta R.T.: -0.005 min
Response: 2735841
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

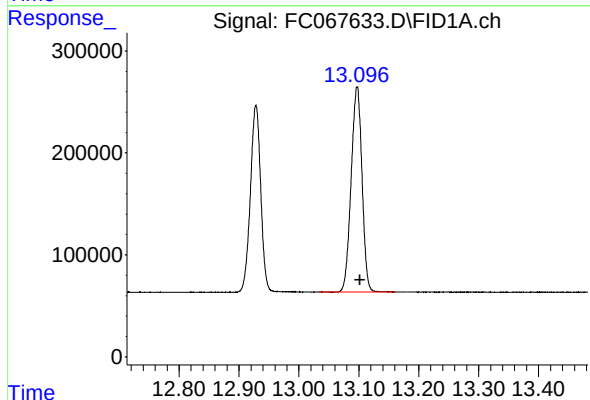
R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 2993895
Conc: 20.40 ug/ml

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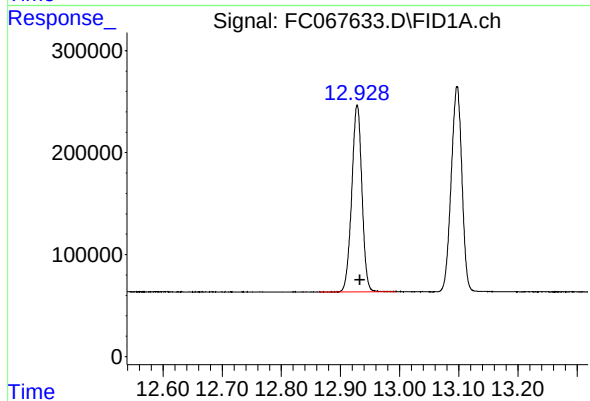
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: -0.005 min
Response: 2593632
Conc: 20.56 ug/ml



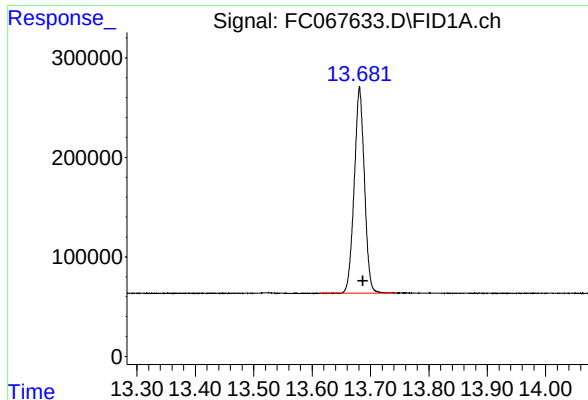
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: -0.005 min
Response: 2538990
Conc: 20.57 ug/ml



#12 1-chlorooctadecane (SURR)

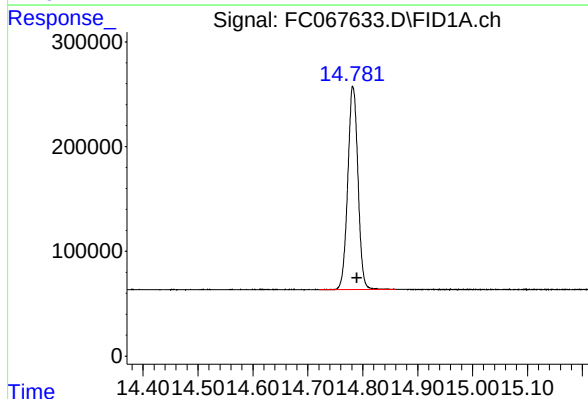
R.T.: 12.928 min
Delta R.T.: -0.005 min
Response: 2191360
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

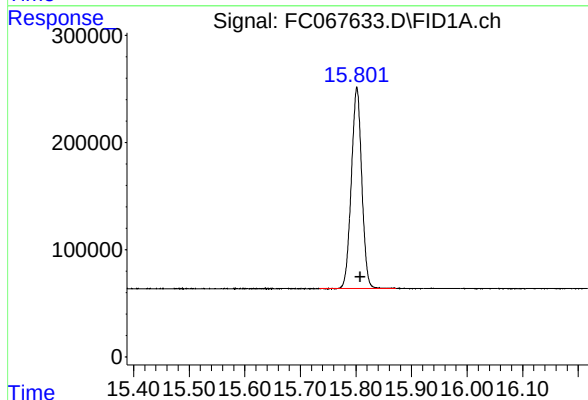
R.T.: 13.681 min
Delta R.T.: -0.006 min
Response: 2510950
Conc: 20.51 ug/ml

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20 PPM ALIPHATIC HC STD



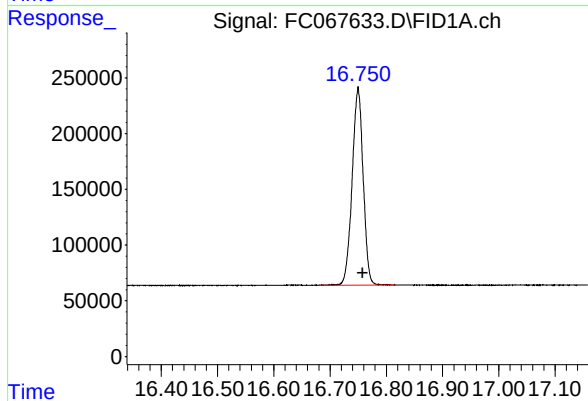
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.007 min
Response: 2495838
Conc: 20.59 ug/ml



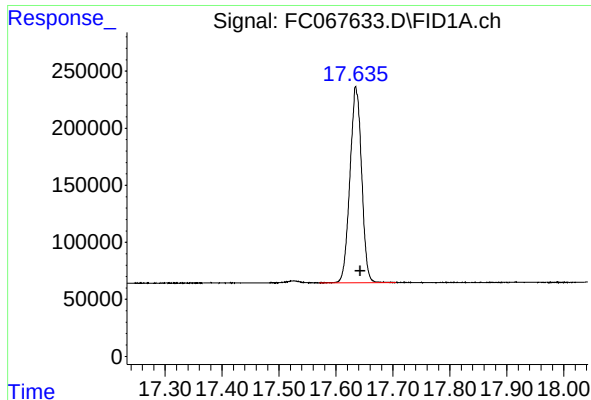
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: -0.006 min
Response: 2449767
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

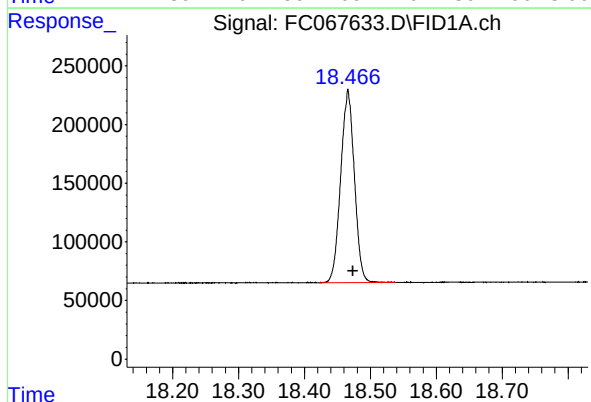
R.T.: 16.750 min
Delta R.T.: -0.008 min
Response: 2405350
Conc: 20.45 ug/ml



#17 n-Tricontane (C30)

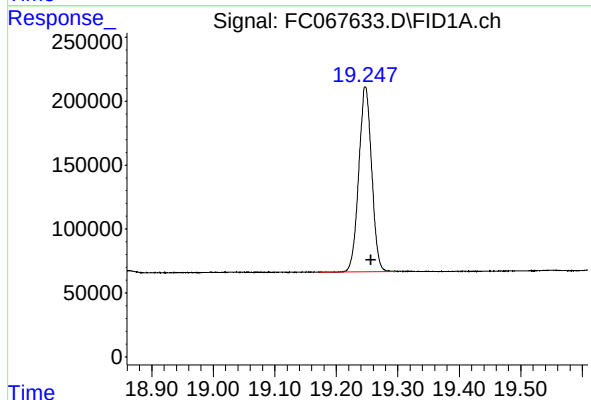
R.T.: 17.635 min
Delta R.T.: -0.007 min
Response: 2442427
Conc: 20.21 ug/ml

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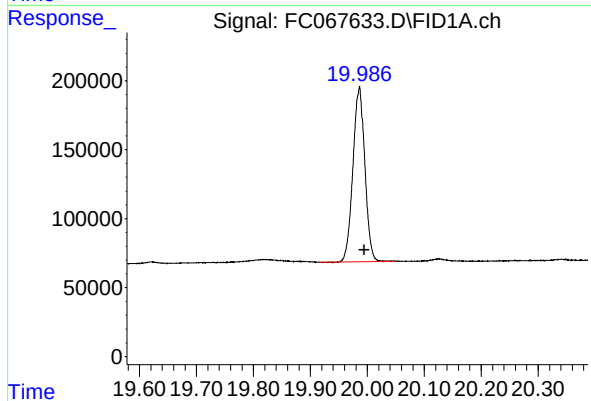
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.008 min
Response: 2369188
Conc: 20.02 ug/ml



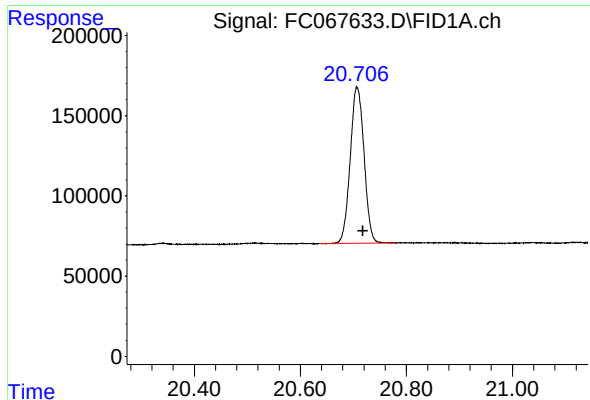
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: -0.009 min
Response: 2097385
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

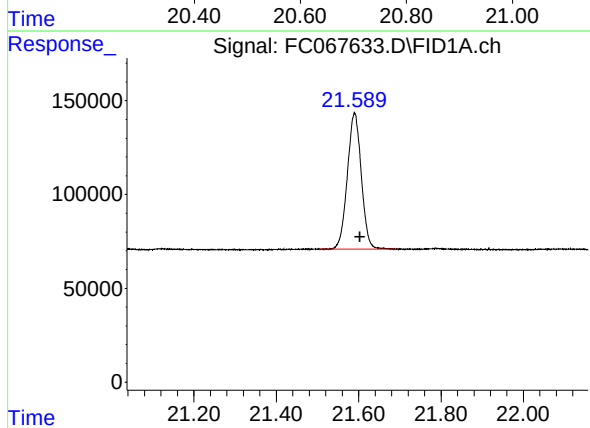
R.T.: 19.986 min
Delta R.T.: -0.009 min
Response: 1837064
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.707 min
Delta R.T.: -0.011 min
Response: 1764116
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.014 min
Response: 1708041
Conc: 20.09 ug/ml