

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
 Data File : FC070098.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2025 10:11
 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 01 04:05:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 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)	11.643	3636814	20.710 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
12) S 1-chlorooctadecane (S...	13.079	2846897	20.973 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.381	2844881	20.718 ug/ml
2) T n-Decane (C10)	4.452	2987827	20.783 ug/ml
3) T A~Naphthalene (C11.7)	6.045	3307113	20.463 ug/ml
4) T n-Dodecane (C12)	6.474	3199280	20.873 ug/ml
5) T A~2-methylnaphthalene...	7.104	3249762	20.368 ug/ml
6) T n-Tetradecane (C14)	8.272	3312899	20.830 ug/ml
7) T n-Hexadecane (C16)	9.876	3524222	20.913 ug/ml
8) T n-Octadecane (C18)	11.320	3588851	21.095 ug/ml
10) T n-Eicosane (C20)	12.632	3398948	21.186 ug/ml
11) T n-Heneicosane (C21)	13.246	3299967	21.253 ug/ml
13) T n-Docosane (C22)	13.832	3221489	20.933 ug/ml
14) T n-Tetracosane (C24)	14.937	3069449	20.243 ug/ml
15) T n-Hexacosane (C26)	15.961	2859711	19.758 ug/ml
16) T n-Octacosane (C28)	16.912	2637169	19.068 ug/ml
17) T n-Tricontane (C30)	17.801	2549308	18.672 ug/ml
18) T n-Dotriacontane (C32)	18.634	2348312	18.213 ug/ml
19) T n-Tetratriacontane (C34)	19.419	2121637	18.595 ug/ml
20) T n-Hexatriacontane (C36)	20.159	1856586	19.197 ug/ml
21) T n-Octatriacontane (C38)	20.920	1714361	19.669 ug/ml
22) T n-Tetracontane (C40)	21.874	1642035	19.985 ug/ml

(f)=RT Delta > 1/2 Window

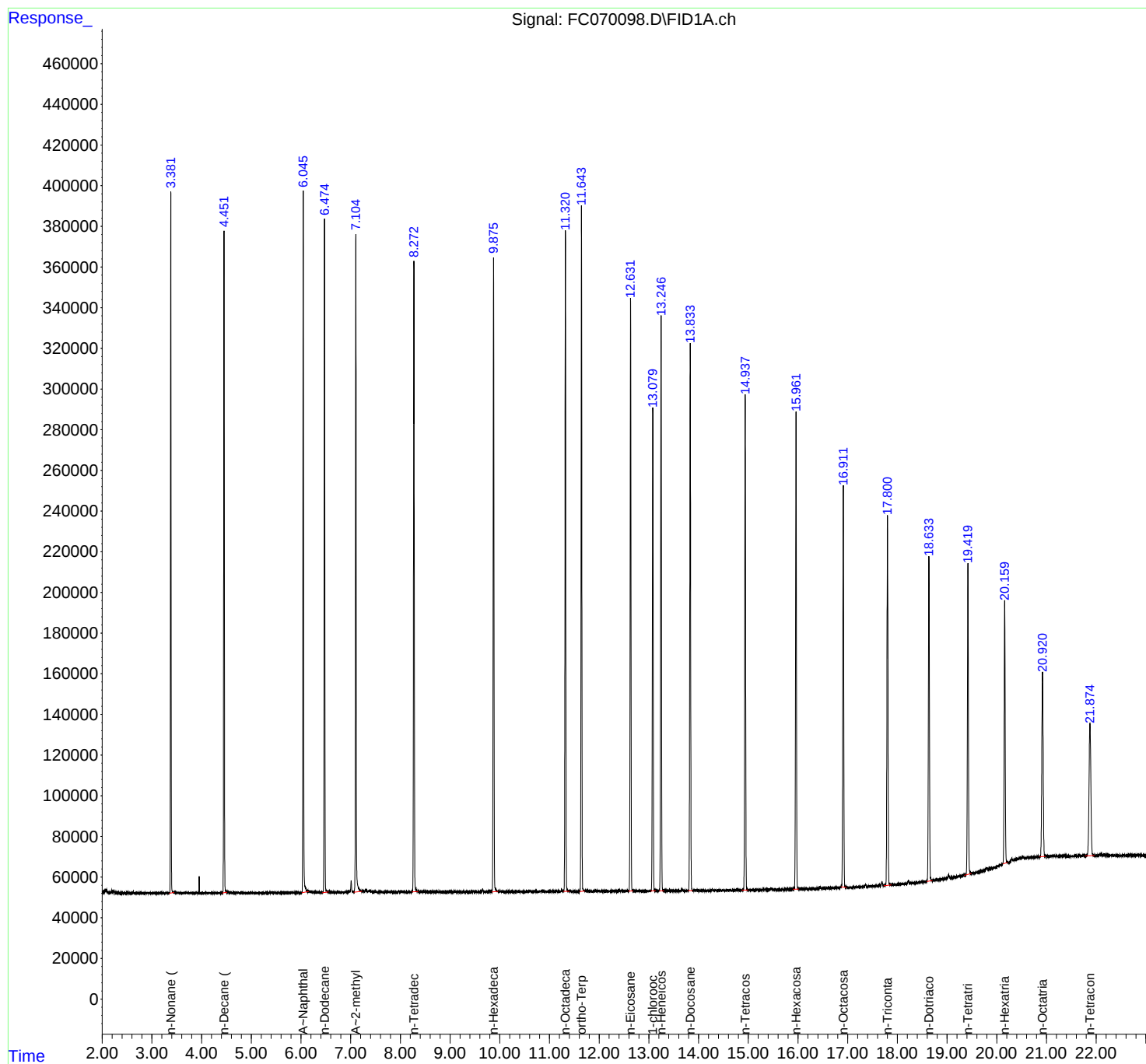
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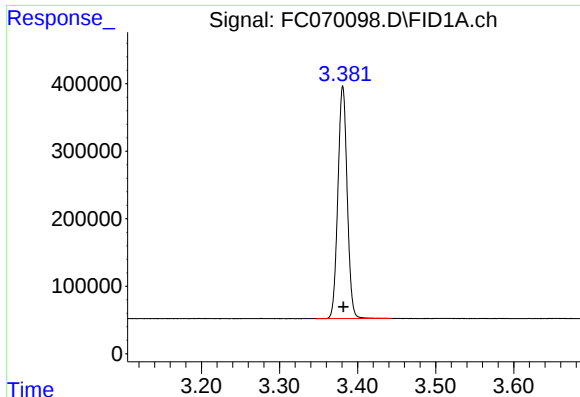
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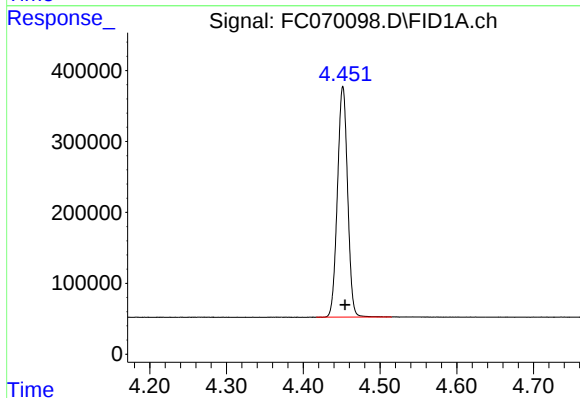




#1 n-Nonane (C9)

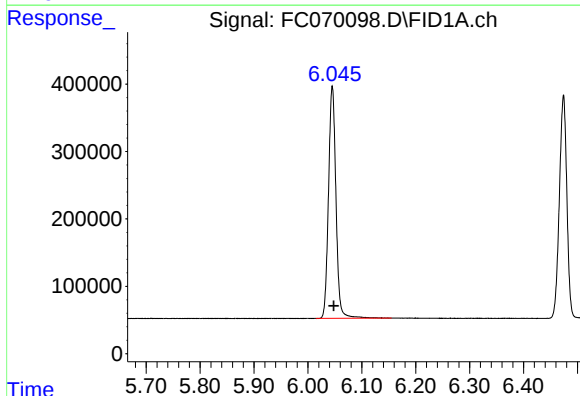
R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 2844881
Conc: 20.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



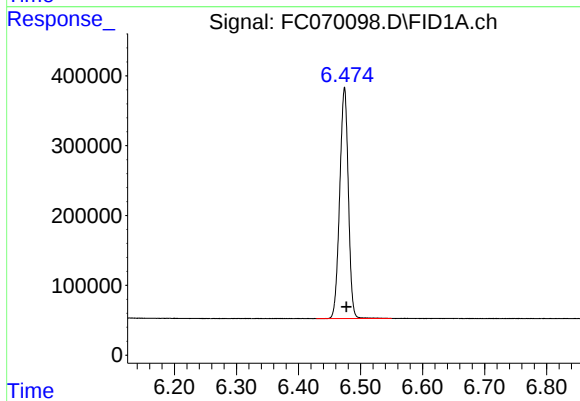
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.003 min
Response: 2987827
Conc: 20.78 ug/ml



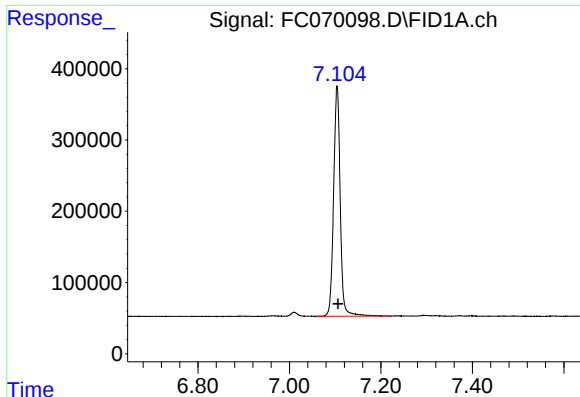
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.003 min
Response: 3307113
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

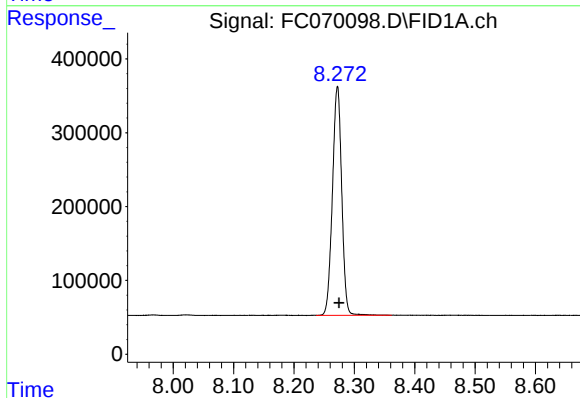
R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 3199280
Conc: 20.87 ug/ml



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

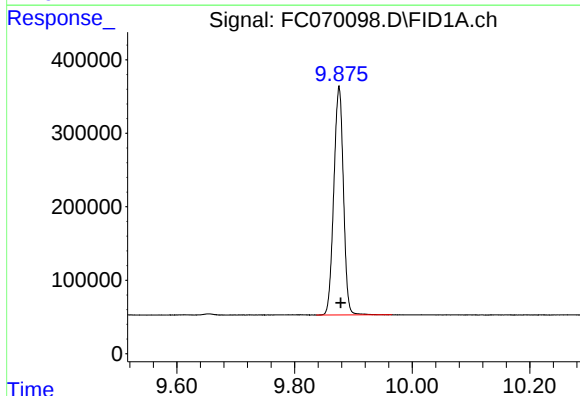
R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 3249762
Conc: 20.37 ug/ml

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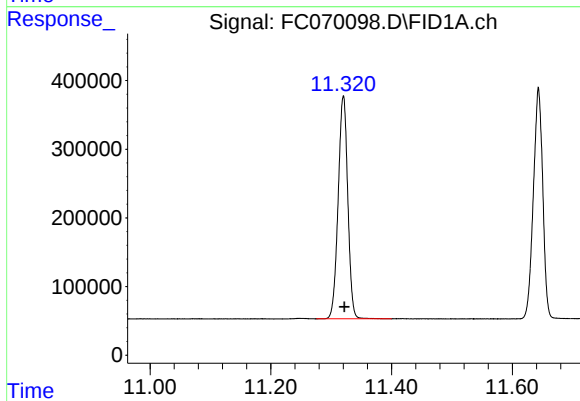
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.003 min
Response: 3312899
Conc: 20.83 ug/ml



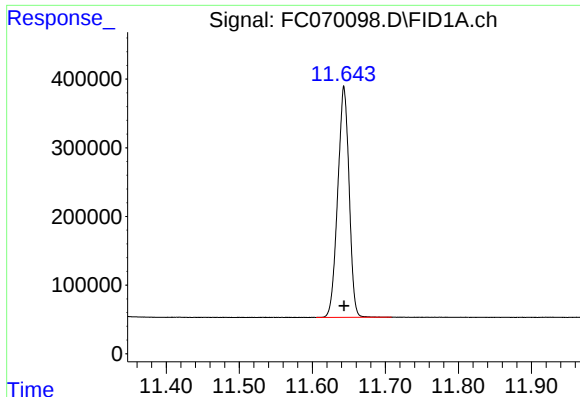
#7 n-Hexadecane (C16)

R.T.: 9.876 min
Delta R.T.: -0.003 min
Response: 3524222
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

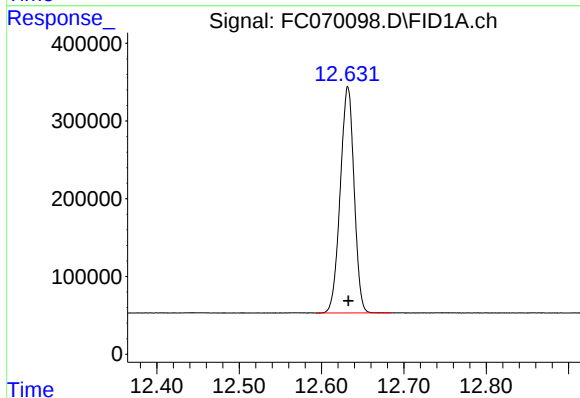
R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 3588851
Conc: 21.09 ug/ml



#9 ortho-Terphenyl (SURR)

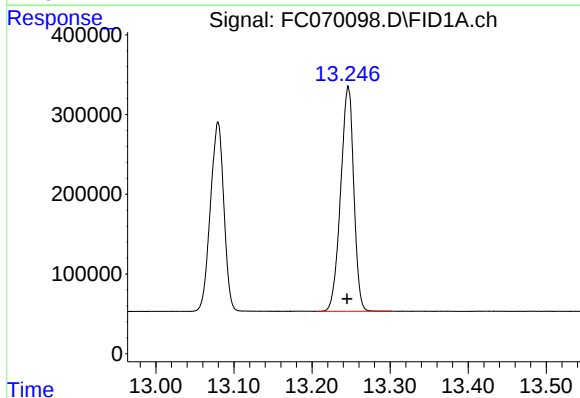
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3636814
Conc: 20.71 ug/ml

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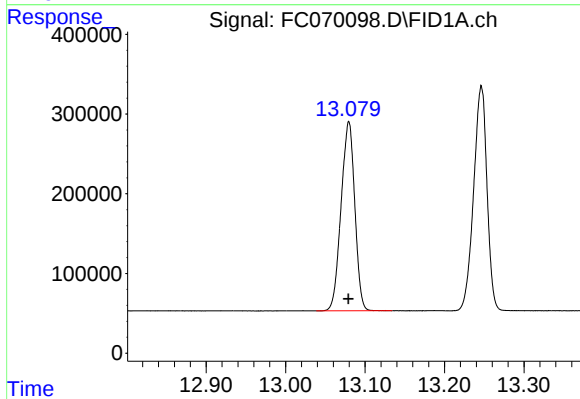
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.000 min
Response: 3398948
Conc: 21.19 ug/ml



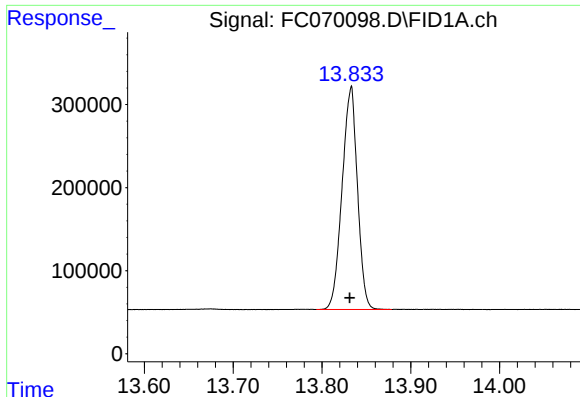
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: 0.001 min
Response: 3299967
Conc: 21.25 ug/ml



#12 1-chlorooctadecane (SURR)

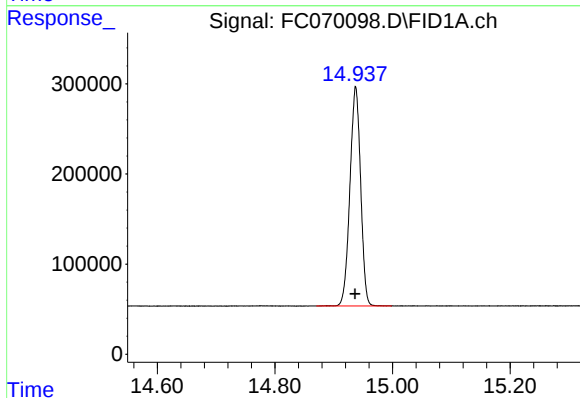
R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 2846897
Conc: 20.97 ug/ml



#13 n-Docosane (C22)

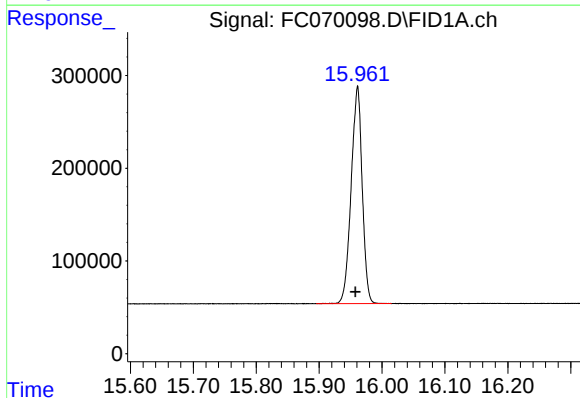
R.T.: 13.832 min
Delta R.T.: 0.001 min
Response: 3221489
Conc: 20.93 ug/ml

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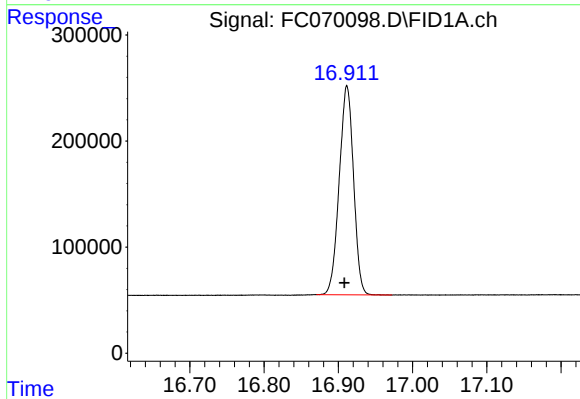
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.001 min
Response: 3069449
Conc: 20.24 ug/ml



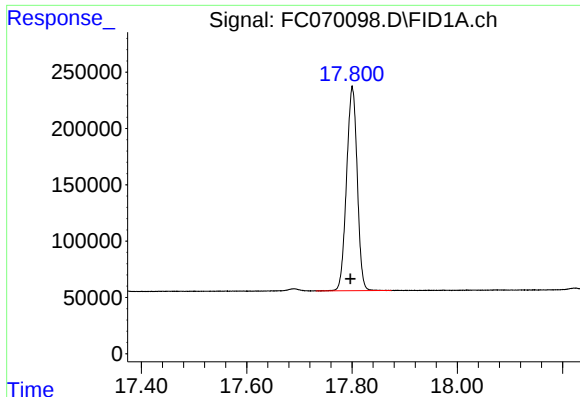
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: 0.003 min
Response: 2859711
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

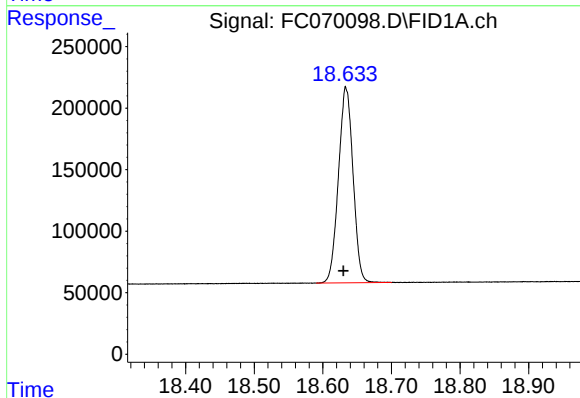
R.T.: 16.912 min
Delta R.T.: 0.003 min
Response: 2637169
Conc: 19.07 ug/ml



#17 n-Tricontane (C30)

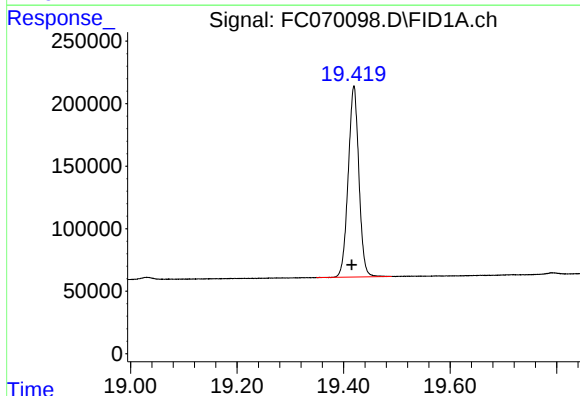
R.T.: 17.801 min
Delta R.T.: 0.004 min
Response: 2549308
Conc: 18.67 ug/ml

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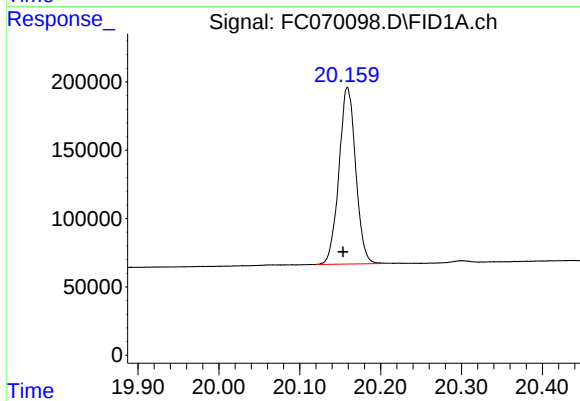
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.004 min
Response: 2348312
Conc: 18.21 ug/ml



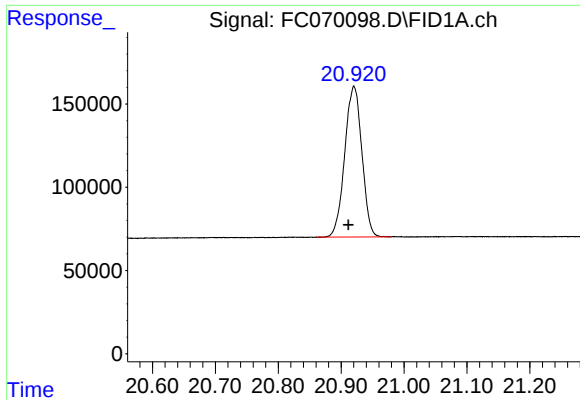
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: 0.004 min
Response: 2121637
Conc: 18.59 ug/ml



#20 n-Hexatriacontane (C36)

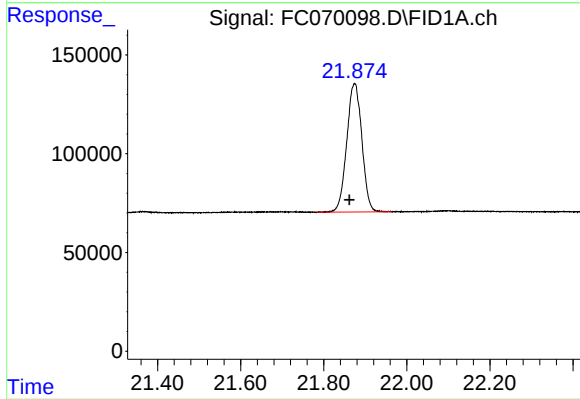
R.T.: 20.159 min
Delta R.T.: 0.006 min
Response: 1856586
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.920 min
Delta R.T.: 0.009 min
Response: 1714361
Conc: 19.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.874 min
Delta R.T.: 0.012 min
Response: 1642035
Conc: 19.99 ug/ml