

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070046.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 13:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 28 03:26:46 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	3480661	19.821 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
12) S 1-chlorooctadecane (S...	13.077	2718824	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.381	2663496	19.397 ug/ml
2) T n-Decane (C10)	4.452	2871582	19.975 ug/ml
3) T A~Naphthalene (C11.7)	6.047	3184083	19.702 ug/ml
4) T n-Dodecane (C12)	6.475	3070090	20.030 ug/ml
5) T A~2-methylnaphthalene...	7.106	3136993	19.661 ug/ml
6) T n-Tetradecane (C14)	8.273	3178233	19.983 ug/ml
7) T n-Hexadecane (C16)	9.876	3354228	19.904 ug/ml
8) T n-Octadecane (C18)	11.320	3402757	20.001 ug/ml
10) T n-Eicosane (C20)	12.630	3220288	20.072 ug/ml
11) T n-Heneicosane (C21)	13.244	3115471	20.064 ug/ml
13) T n-Docosane (C22)	13.831	3079033	20.007 ug/ml
14) T n-Tetracosane (C24)	14.936	3015656	19.888 ug/ml
15) T n-Hexacosane (C26)	15.957	2862558	19.777 ug/ml
16) T n-Octacosane (C28)	16.907	2779911	20.100 ug/ml
17) T n-Tricontane (C30)	17.797	2958405	21.668 ug/ml
18) T n-Dotriacontane (C32)	18.629	2921568	22.660 ug/ml
19) T n-Tetratriacontane (C34)	19.415	2642471	23.159 ug/ml
20) T n-Hexatriacontane (C36)	20.155	2169990	22.438 ug/ml
21) T n-Octatriacontane (C38)	20.913	1906057	21.869 ug/ml
22) T n-Tetracontane (C40)	21.867	1782739	21.698 ug/ml

(f)=RT Delta > 1/2 Window

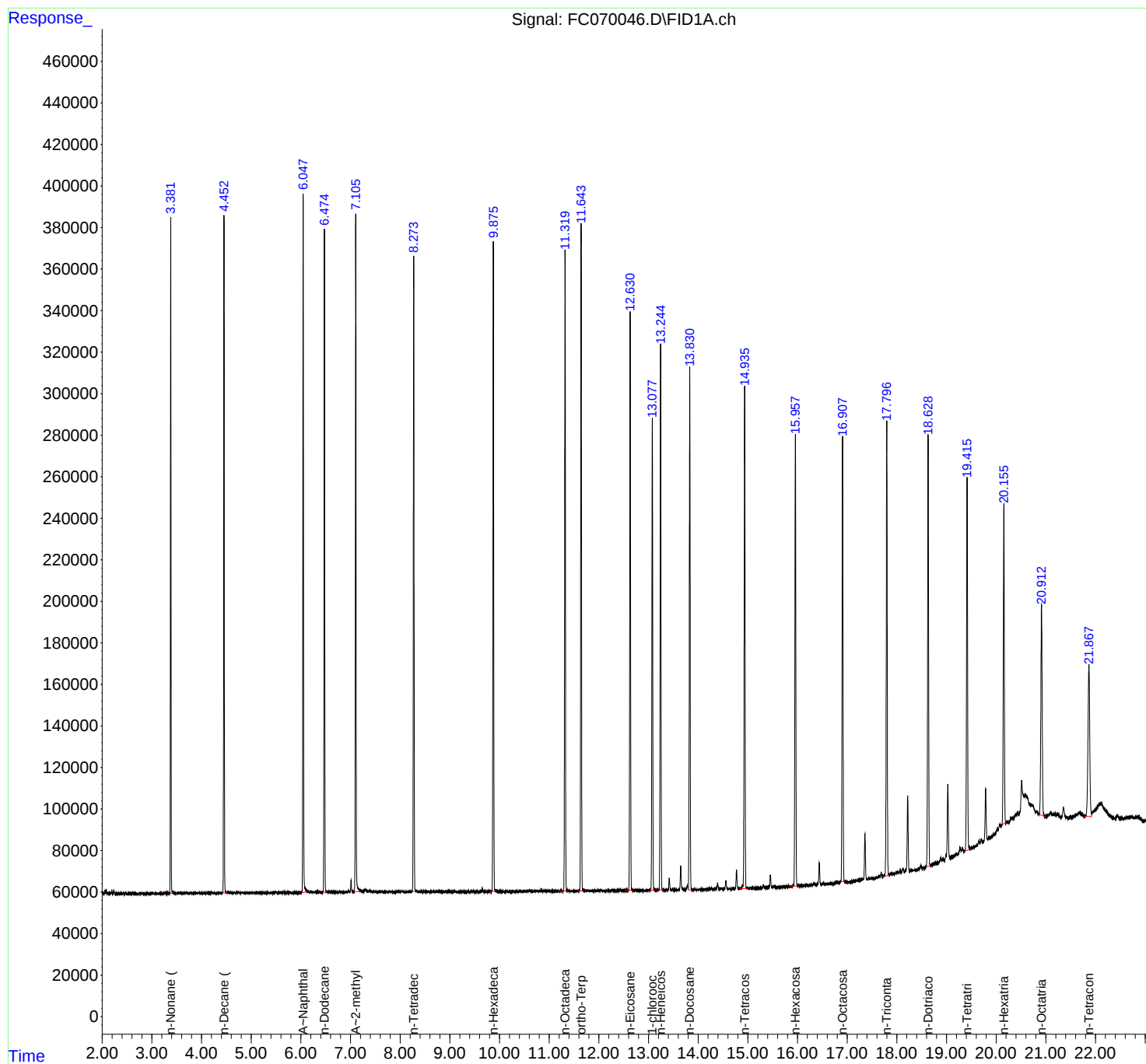
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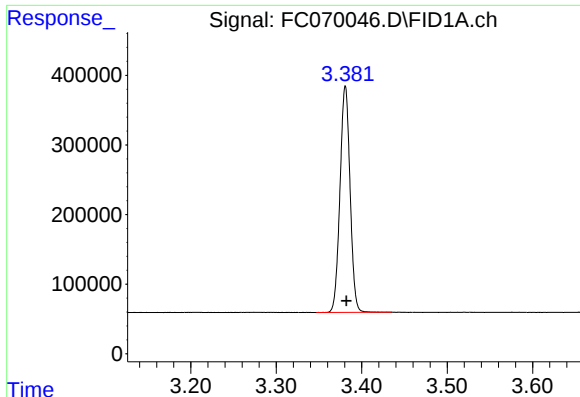
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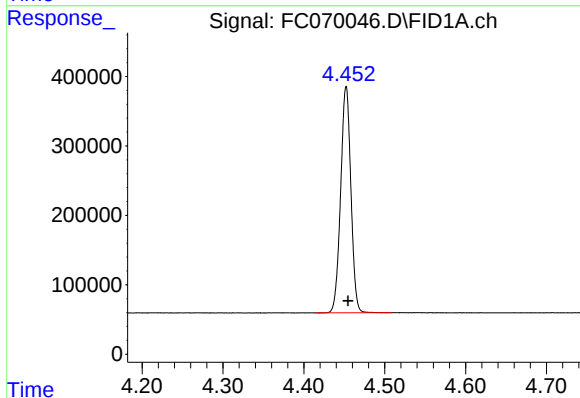




#1 n-Nonane (C9)

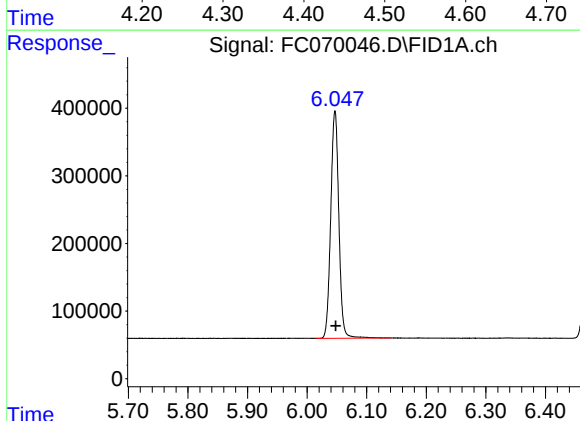
R.T.: 3.381 min
Delta R.T.: -0.001 min
Response: 2663496
Conc: 19.40 ug/ml

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20 PPM ALIPHATIC HC STD



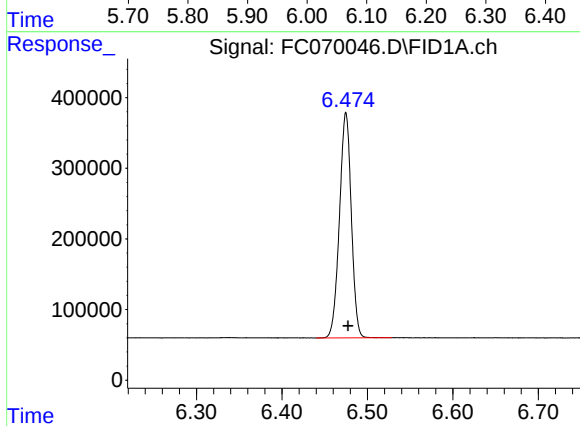
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.002 min
Response: 2871582
Conc: 19.97 ug/ml



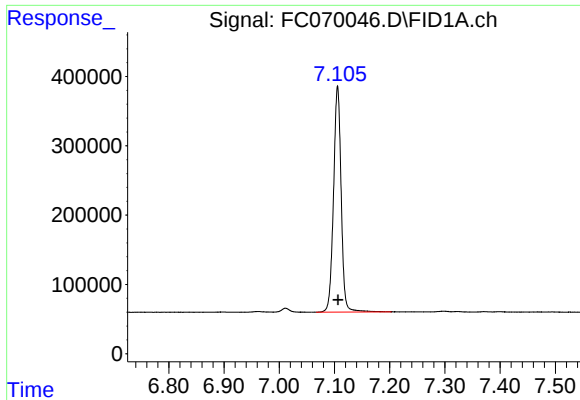
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 3184083
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

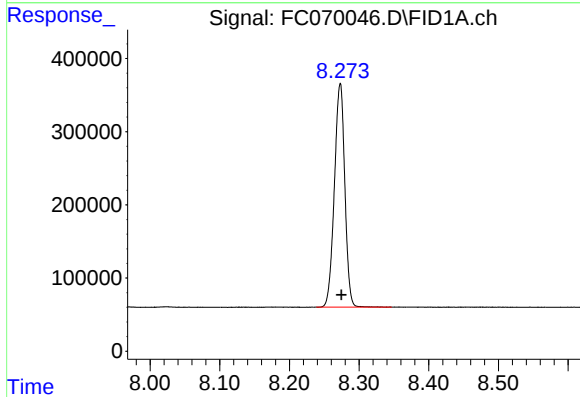
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 3070090
Conc: 20.03 ug/ml



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

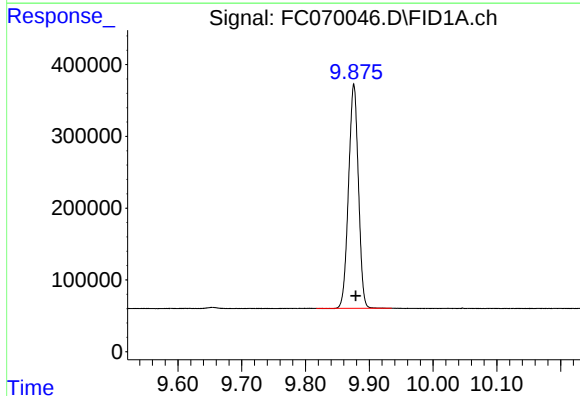
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 3136993
Conc: 19.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



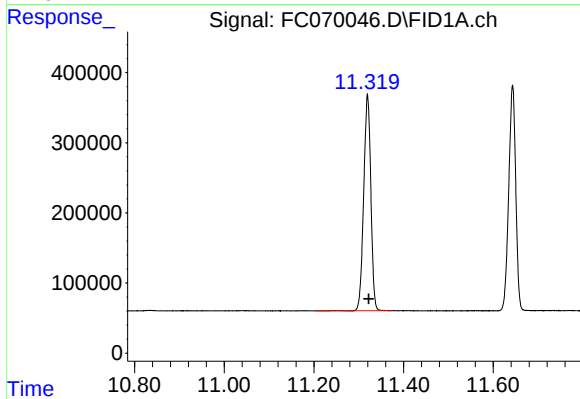
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 3178233
Conc: 19.98 ug/ml



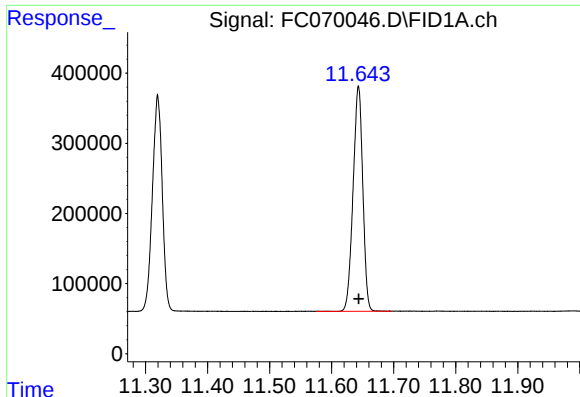
#7 n-Hexadecane (C16)

R.T.: 9.876 min
Delta R.T.: -0.003 min
Response: 3354228
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

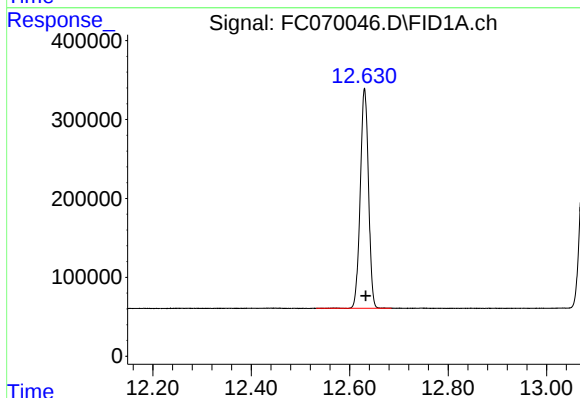
R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 3402757
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

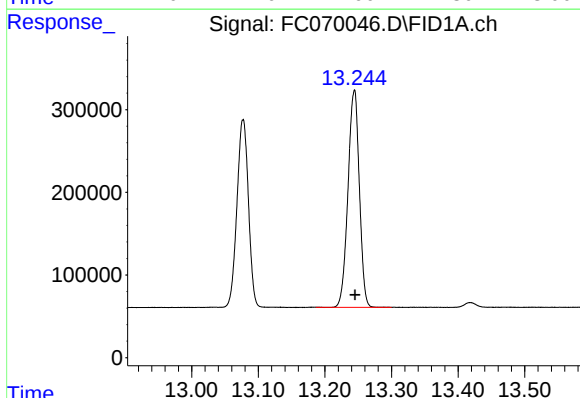
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3480661
Conc: 19.82 ug/ml

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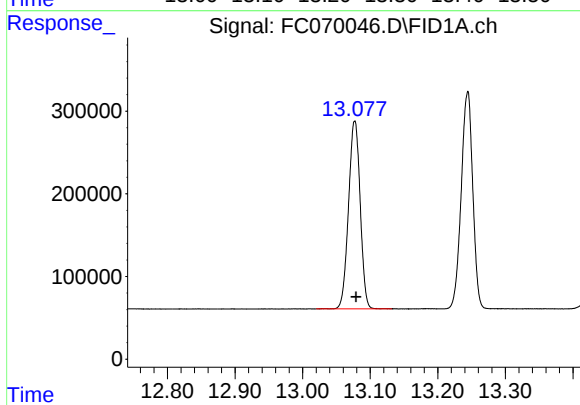
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.002 min
Response: 3220288
Conc: 20.07 ug/ml



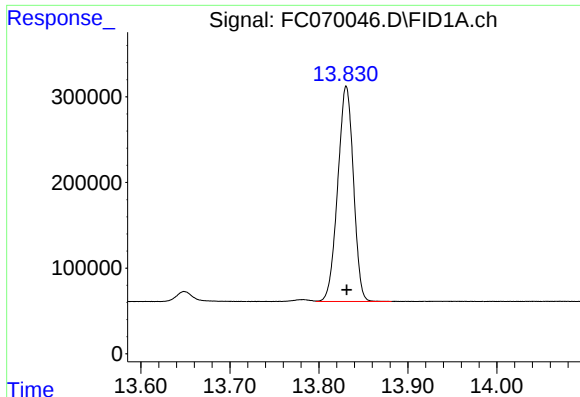
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.001 min
Response: 3115471
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

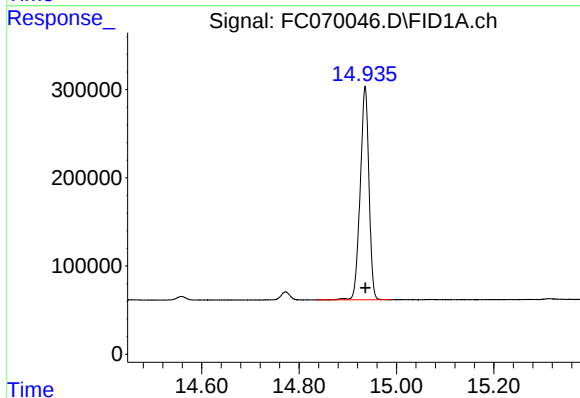
R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 2718824
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

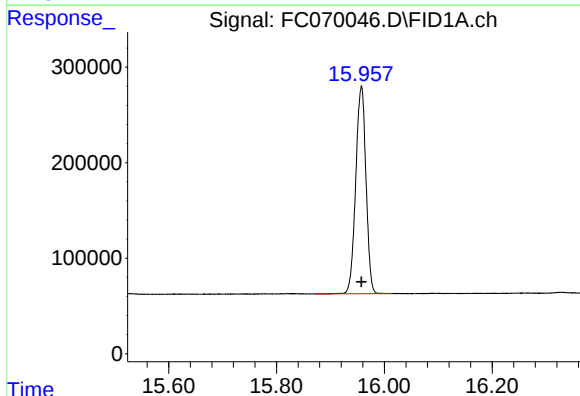
R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 3079033
Conc: 20.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



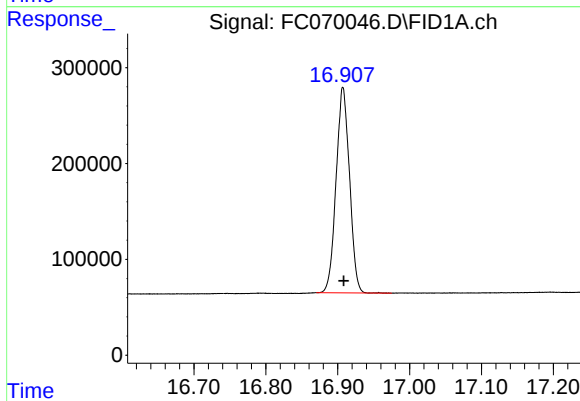
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.000 min
Response: 3015656
Conc: 19.89 ug/ml



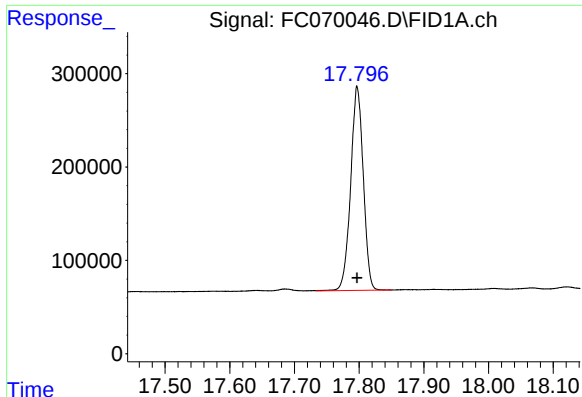
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 2862558
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

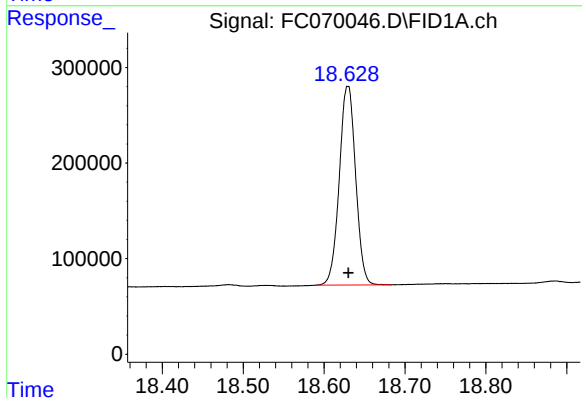
R.T.: 16.907 min
Delta R.T.: 0.000 min
Response: 2779911
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

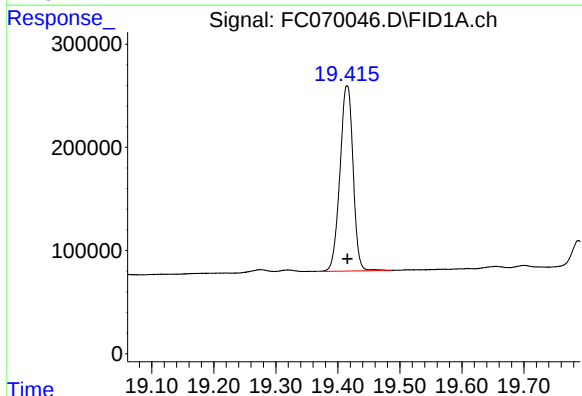
R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2958405
Conc: 21.67 ug/ml

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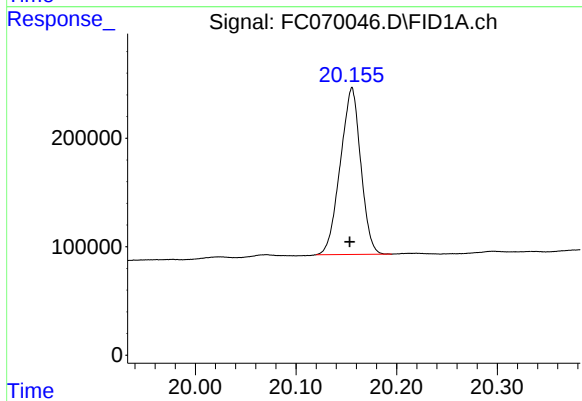
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 2921568
Conc: 22.66 ug/ml



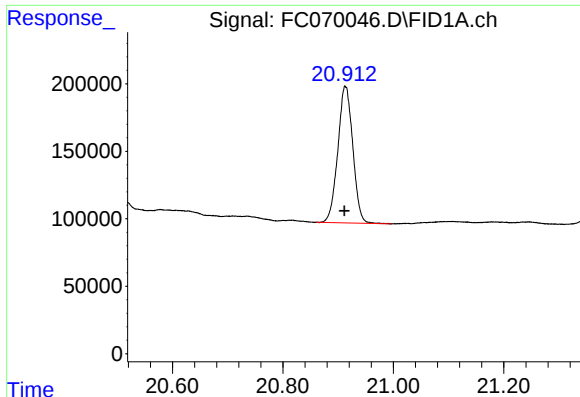
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.000 min
Response: 2642471
Conc: 23.16 ug/ml



#20 n-Hexatriacontane (C36)

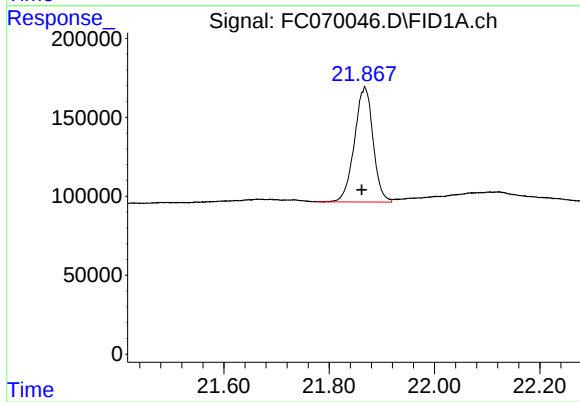
R.T.: 20.155 min
Delta R.T.: 0.002 min
Response: 2169990
Conc: 22.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: 0.002 min
Response: 1906057
Conc: 21.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.867 min
Delta R.T.: 0.006 min
Response: 1782739
Conc: 21.70 ug/ml