

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
 Data File : FC070104.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2025 15:17
 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 04:08:22 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)	11.642	3435587	19.564 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
12) S 1-chlorooctadecane (S...	13.077	2656110	19.567 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.380	2776562	20.220 ug/ml
2) T n-Decane (C10)	4.451	2912438	20.259 ug/ml
3) T A~Naphthalene (C11.7)	6.045	3209572	19.859 ug/ml
4) T n-Dodecane (C12)	6.473	3081301	20.103 ug/ml
5) T A~2-methylnaphthalene...	7.103	3132482	19.633 ug/ml
6) T n-Tetradecane (C14)	8.271	3166568	19.910 ug/ml
7) T n-Hexadecane (C16)	9.875	3328654	19.752 ug/ml
8) T n-Octadecane (C18)	11.320	3368763	19.801 ug/ml
10) T n-Eicosane (C20)	12.631	3168149	19.747 ug/ml
11) T n-Heneicosane (C21)	13.244	3068522	19.762 ug/ml
13) T n-Docosane (C22)	13.832	2996628	19.472 ug/ml
14) T n-Tetracosane (C24)	14.936	2861272	18.870 ug/ml
15) T n-Hexacosane (C26)	15.960	2685350	18.553 ug/ml
16) T n-Octacosane (C28)	16.912	2497354	18.057 ug/ml
17) T n-Tricontane (C30)	17.799	2440701	17.876 ug/ml
18) T n-Dotriacontane (C32)	18.635	2278256	17.670 ug/ml
19) T n-Tetratriacontane (C34)	19.418	2083805	18.263 ug/ml
20) T n-Hexatriacontane (C36)	20.158	1830633	18.929 ug/ml
21) T n-Octatriacontane (C38)	20.919	1695431	19.452 ug/ml
22) T n-Tetracontane (C40)	21.873	1625143	19.780 ug/ml

(f)=RT Delta > 1/2 Window

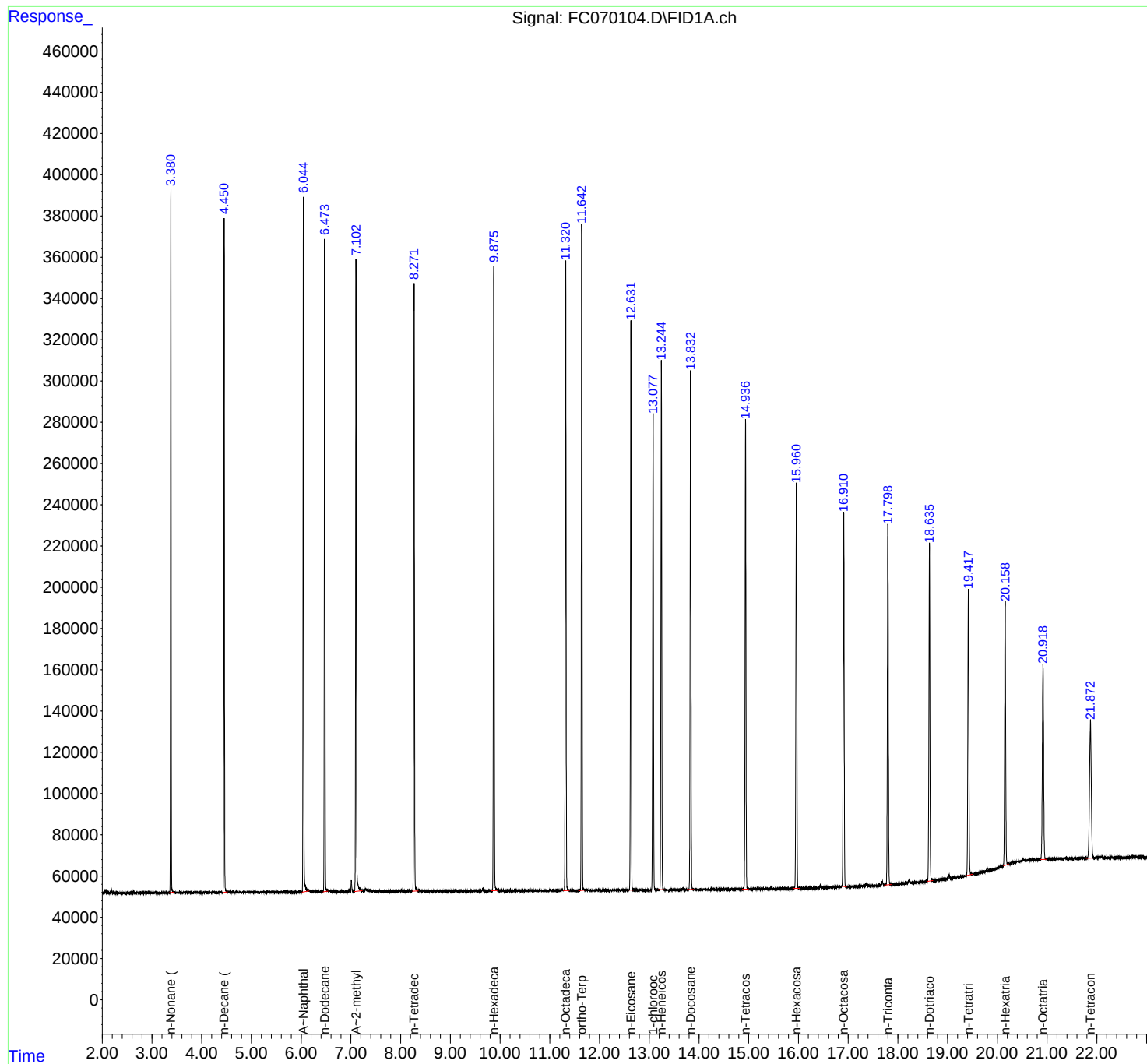
(m)=manual int.

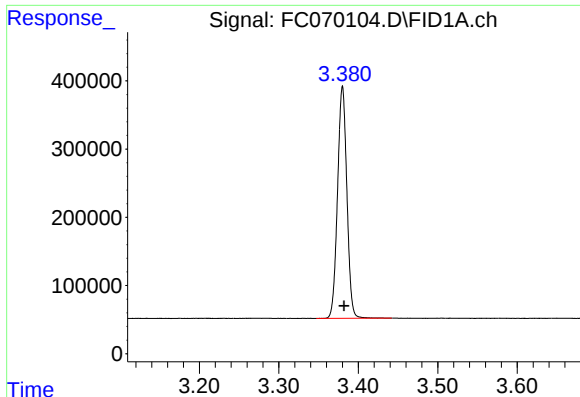
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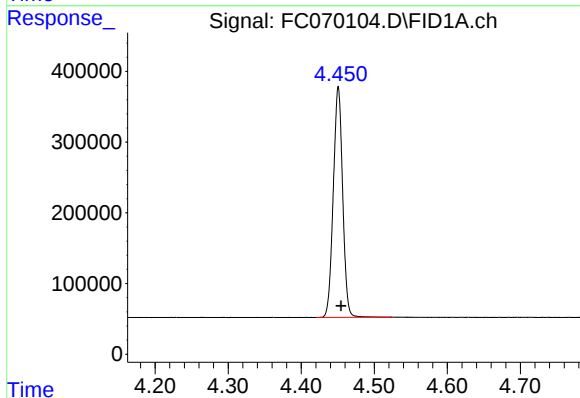




#1 n-Nonane (C9)

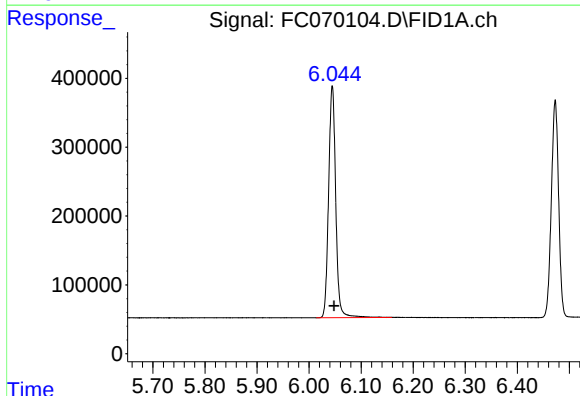
R.T.: 3.380 min
Delta R.T.: -0.002 min
Response: 2776562
Conc: 20.22 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



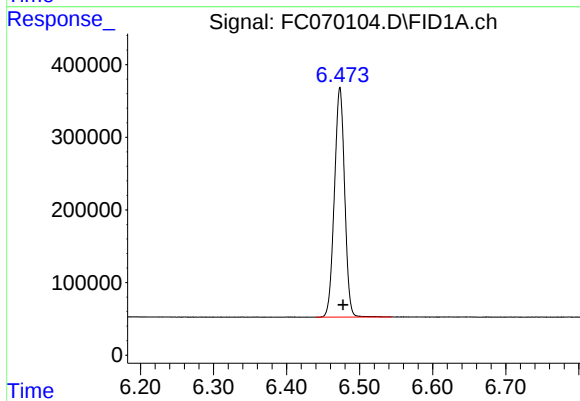
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.004 min
Response: 2912438
Conc: 20.26 ug/ml



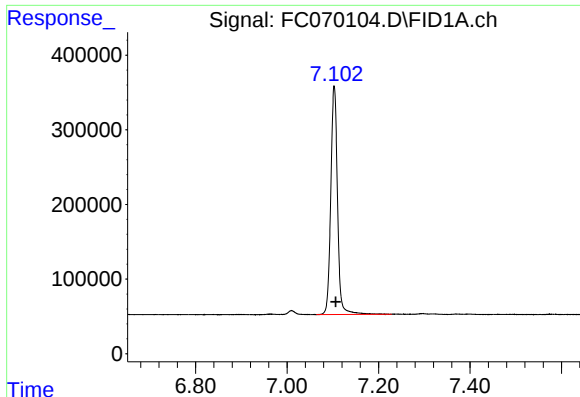
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.003 min
Response: 3209572
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

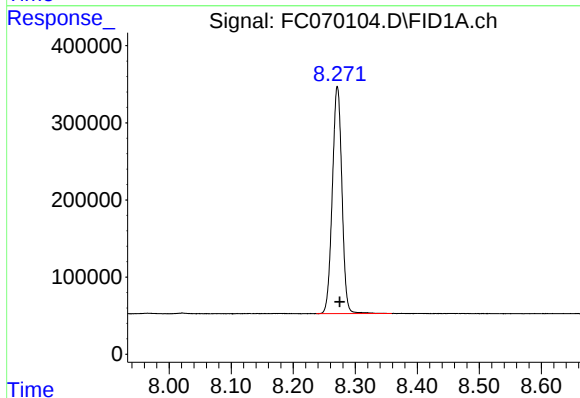
R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 3081301
Conc: 20.10 ug/ml



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

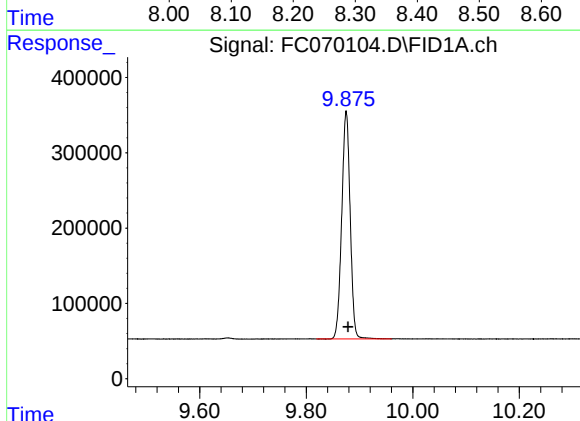
R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 3132482
Conc: 19.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



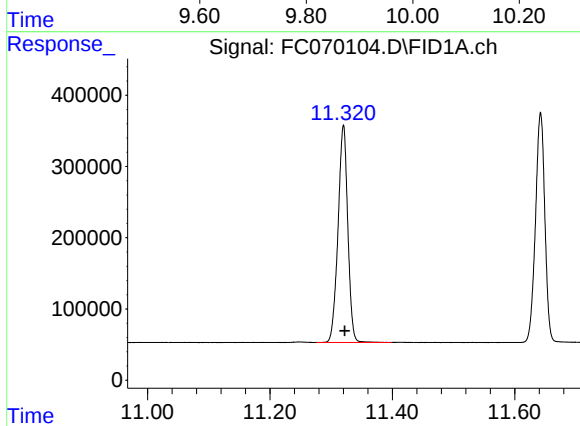
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.004 min
Response: 3166568
Conc: 19.91 ug/ml



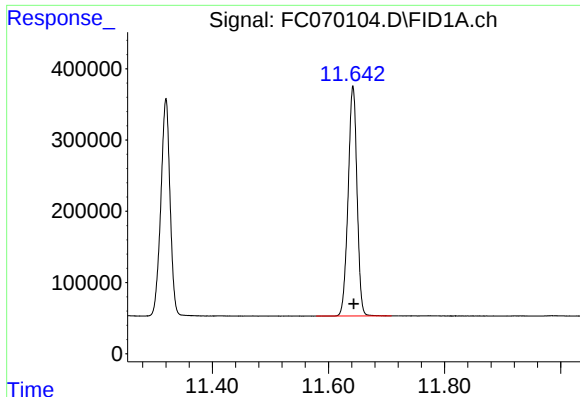
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.004 min
Response: 3328654
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

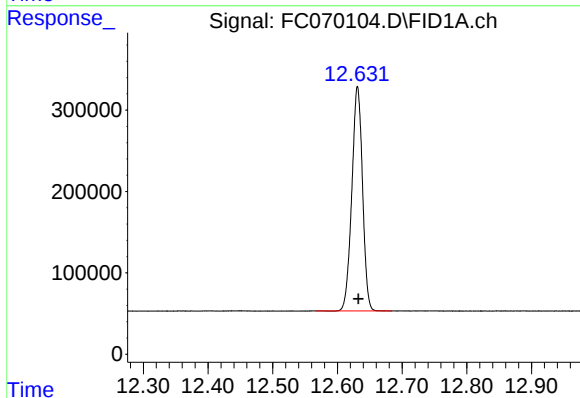
R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 3368763
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

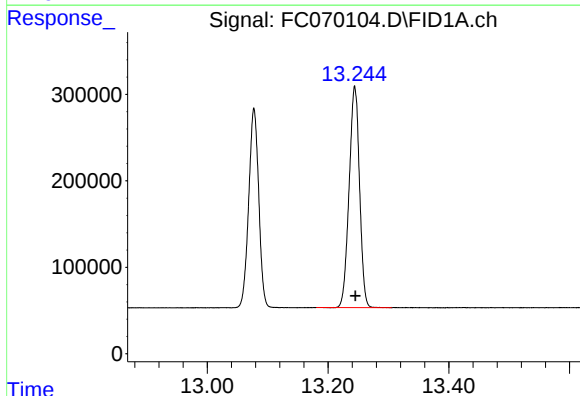
R.T.: 11.642 min
Delta R.T.: -0.001 min
Response: 3435587
Conc: 19.56 ug/ml

Instrument :
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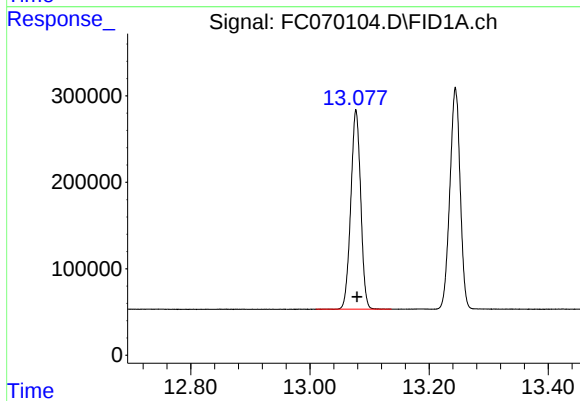
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.001 min
Response: 3168149
Conc: 19.75 ug/ml



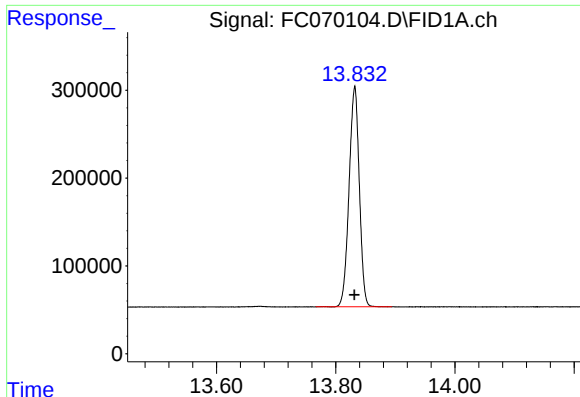
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: 0.000 min
Response: 3068522
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

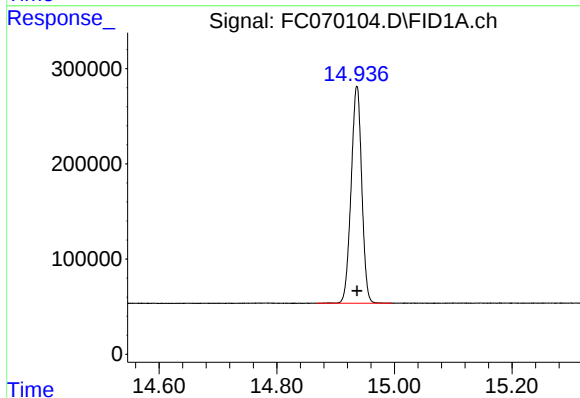
R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 2656110
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

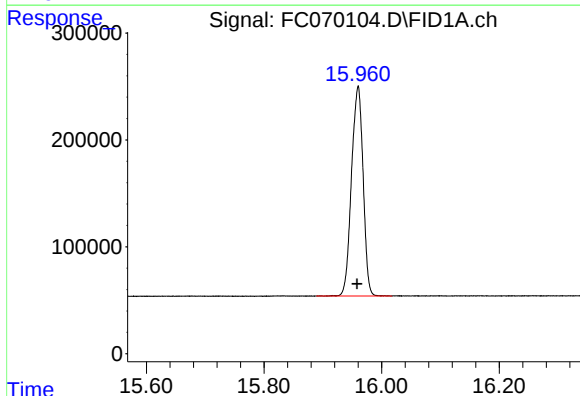
R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 2996628
Conc: 19.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



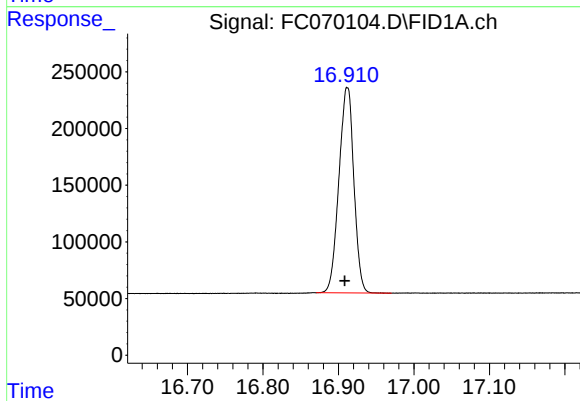
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.000 min
Response: 2861272
Conc: 18.87 ug/ml



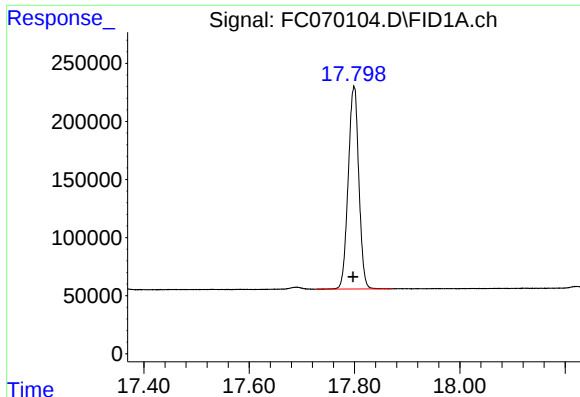
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: 0.002 min
Response: 2685350
Conc: 18.55 ug/ml



#16 n-Octacosane (C28)

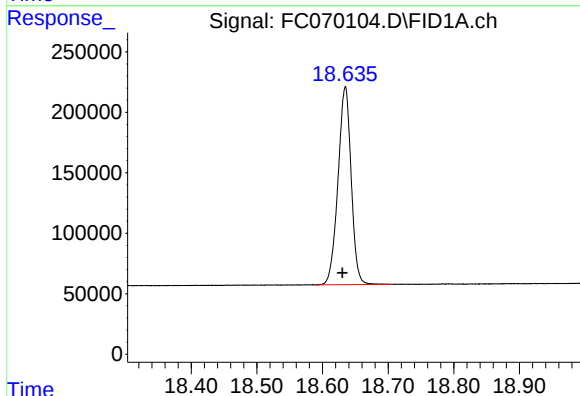
R.T.: 16.912 min
Delta R.T.: 0.003 min
Response: 2497354
Conc: 18.06 ug/ml



#17 n-Tricontane (C30)

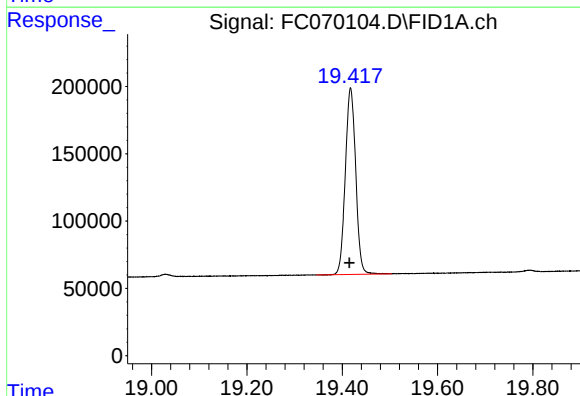
R.T.: 17.799 min
Delta R.T.: 0.002 min
Response: 2440701
Conc: 17.88 ug/ml

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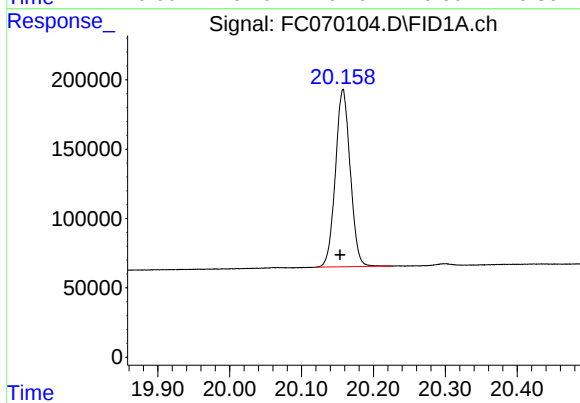
#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: 0.004 min
Response: 2278256
Conc: 17.67 ug/ml



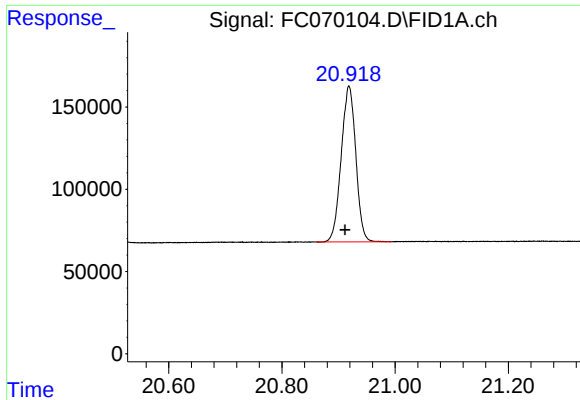
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min
Delta R.T.: 0.002 min
Response: 2083805
Conc: 18.26 ug/ml



#20 n-Hexatriacontane (C36)

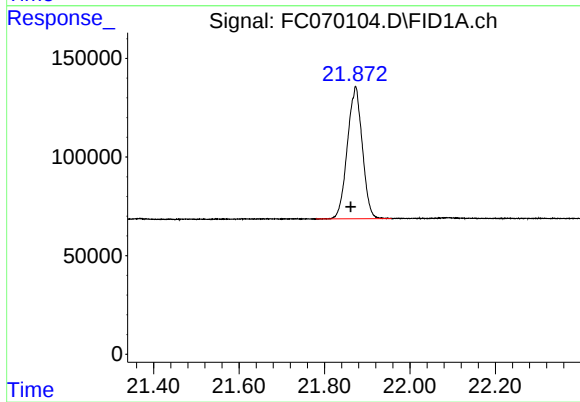
R.T.: 20.158 min
Delta R.T.: 0.004 min
Response: 1830633
Conc: 18.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: 0.007 min
Response: 1695431
Conc: 19.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: 0.011 min
Response: 1625143
Conc: 19.78 ug/ml