

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
 Data File : FC070113.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2025 22:21
 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 03 00:20:37 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)	11.640	3030579	17.258 ug/ml
Spiked Amount 50.000		Recovery =	34.52%
12) S 1-chlorooctadecane (S...	13.076	2347049	17.290 ug/ml
Spiked Amount 50.000		Recovery =	34.58%
Target Compounds			
1) T n-Nonane (C9)	3.380	2353115	17.136 ug/ml
2) T n-Decane (C10)	4.450	2542075	17.683 ug/ml
3) T A~Naphthalene (C11.7)	6.044	2773792	17.163 ug/ml
4) T n-Dodecane (C12)	6.472	2685663	17.522 ug/ml
5) T A~2-methylnaphthalene...	7.102	2720614	17.052 ug/ml
6) T n-Tetradecane (C14)	8.270	2769870	17.416 ug/ml
7) T n-Hexadecane (C16)	9.874	2933759	17.409 ug/ml
8) T n-Octadecane (C18)	11.319	2968953	17.451 ug/ml
10) T n-Eicosane (C20)	12.630	2811132	17.522 ug/ml
11) T n-Heneicosane (C21)	13.242	2718612	17.509 ug/ml
13) T n-Docosane (C22)	13.830	2690200	17.481 ug/ml
14) T n-Tetracosane (C24)	14.934	2650945	17.483 ug/ml
15) T n-Hexacosane (C26)	15.957	2515290	17.378 ug/ml
16) T n-Octacosane (C28)	16.908	2476597	17.907 ug/ml
17) T n-Tricontane (C30)	17.798	2701905	19.789 ug/ml
18) T n-Dotriacontane (C32)	18.632	2741915	21.266 ug/ml
19) T n-Tetratriacontane (C34)	19.416	2456153	21.526 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1996753	20.647 ug/ml
21) T n-Octatriacontane (C38)	20.914	1728161	19.828 ug/ml
22) T n-Tetracontane (C40)	21.868	1566283	19.063 ug/ml

(f)=RT Delta > 1/2 Window

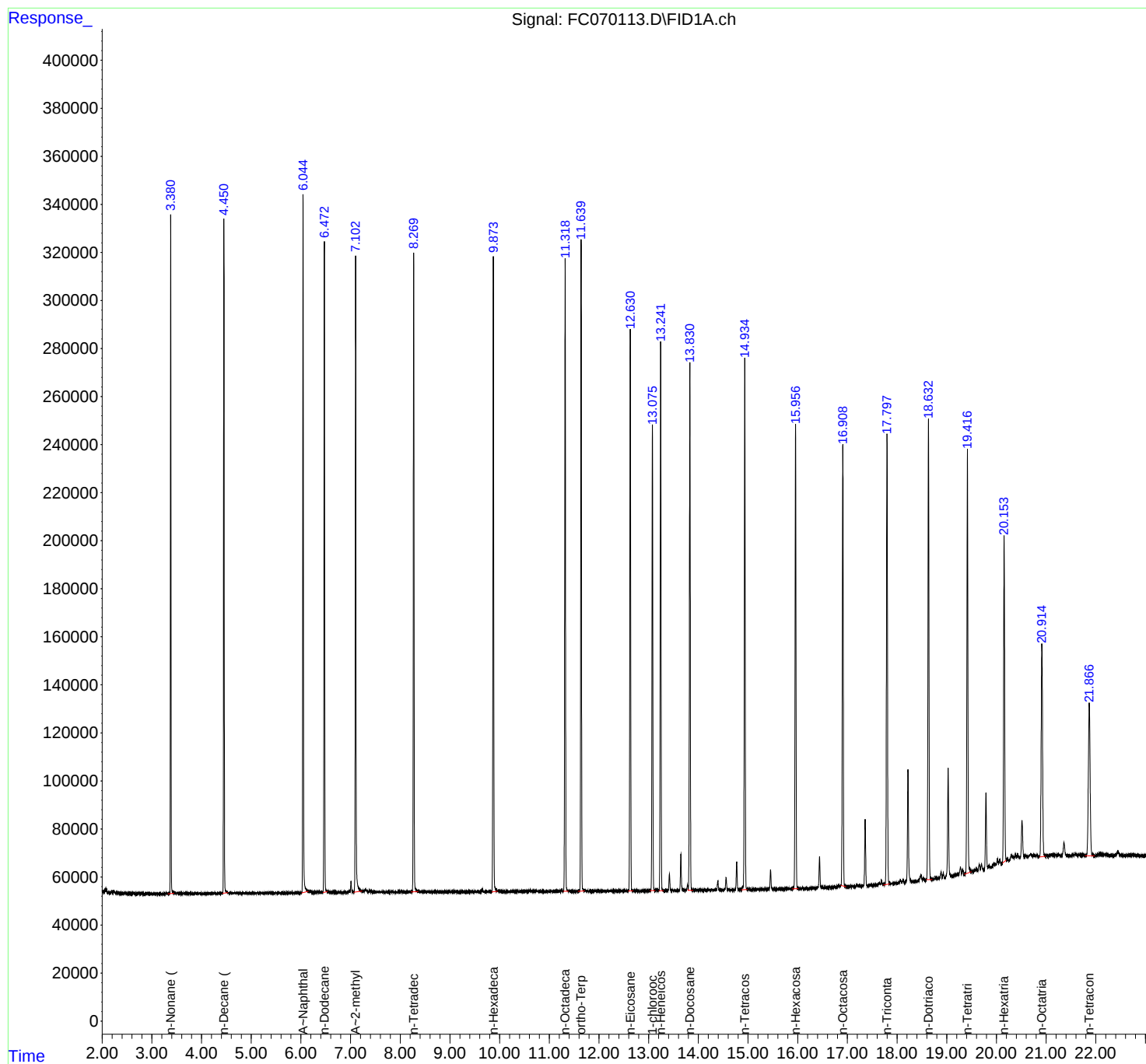
(m)=manual int.

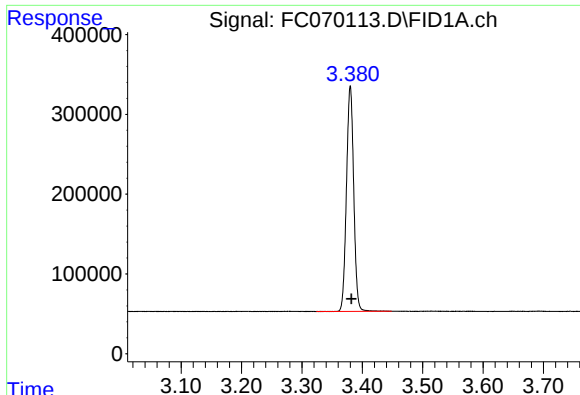
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
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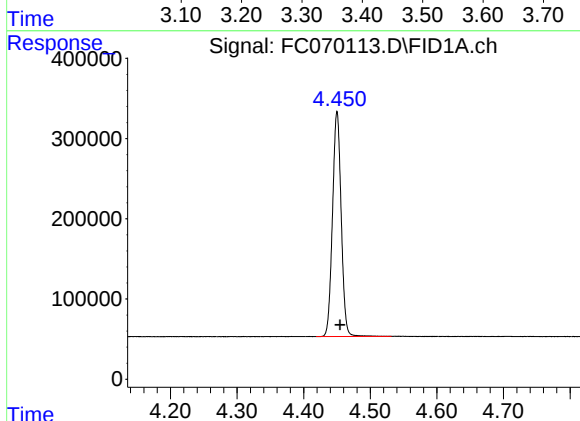




#1 n-Nonane (C9)

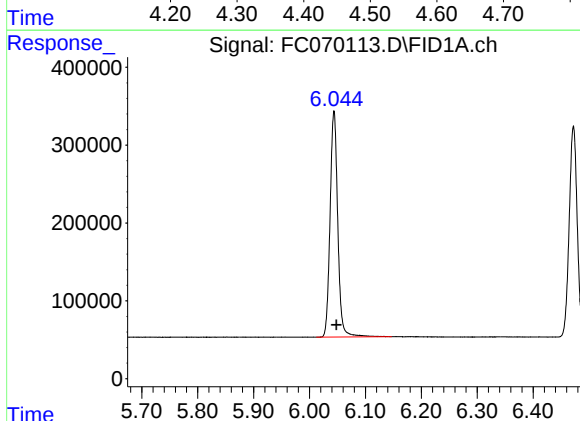
R.T.: 3.380 min
Delta R.T.: -0.002 min
Response: 2353115
Conc: 17.14 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



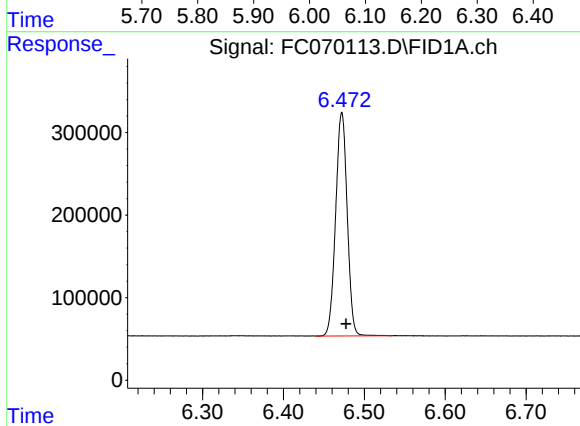
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.004 min
Response: 2542075
Conc: 17.68 ug/ml



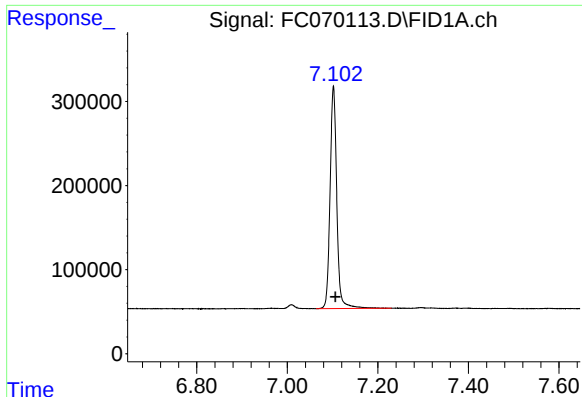
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.004 min
Response: 2773792
Conc: 17.16 ug/ml



#4 n-Dodecane (C12)

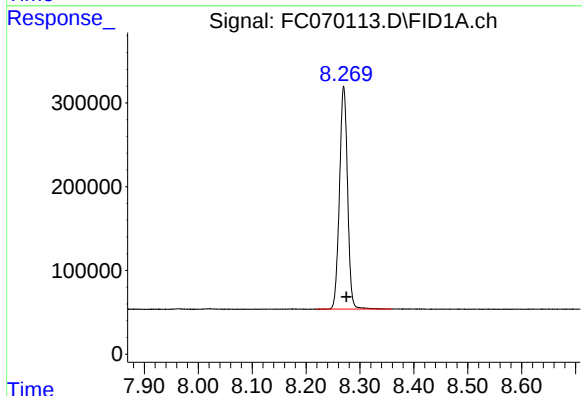
R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 2685663
Conc: 17.52 ug/ml



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

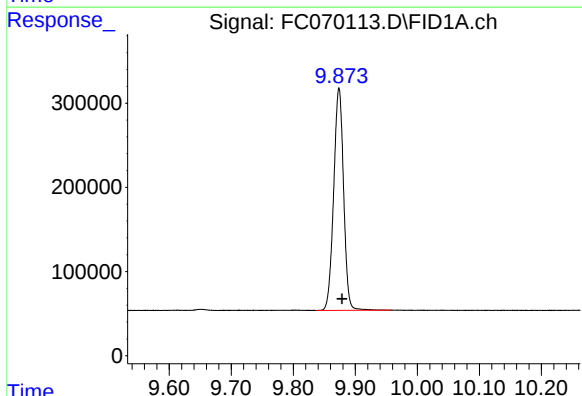
R.T.: 7.102 min
Delta R.T.: -0.004 min
Response: 2720614
Conc: 17.05 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



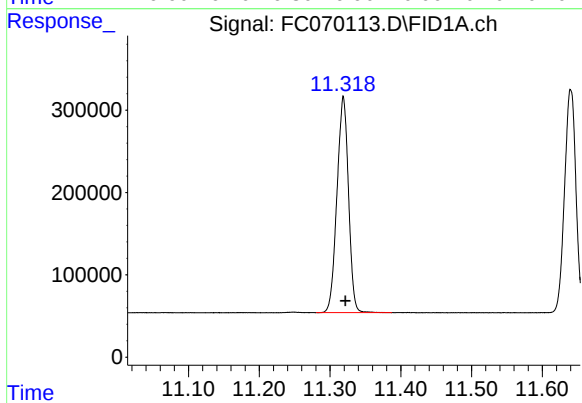
#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: -0.005 min
Response: 2769870
Conc: 17.42 ug/ml



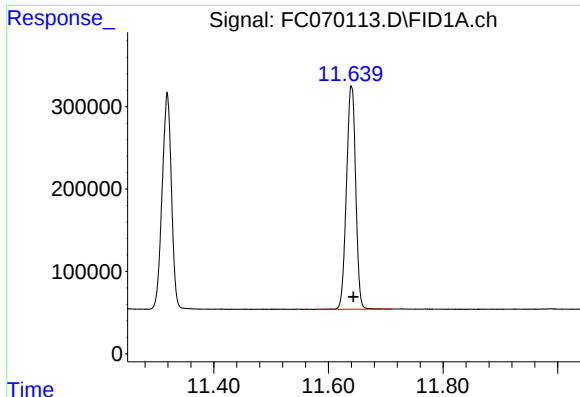
#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.005 min
Response: 2933759
Conc: 17.41 ug/ml



#8 n-Octadecane (C18)

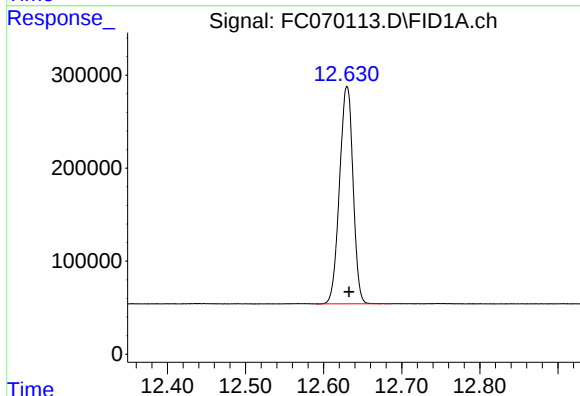
R.T.: 11.319 min
Delta R.T.: -0.003 min
Response: 2968953
Conc: 17.45 ug/ml



#9 ortho-Terphenyl (SURR)

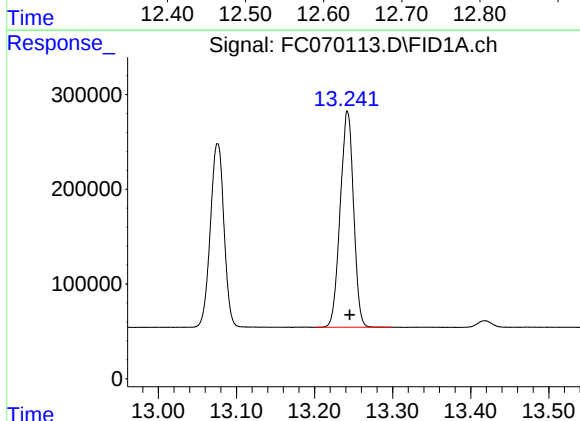
R.T.: 11.640 min
Delta R.T.: -0.003 min
Response: 3030579
Conc: 17.26 ug/ml

Instrument :
FID_C
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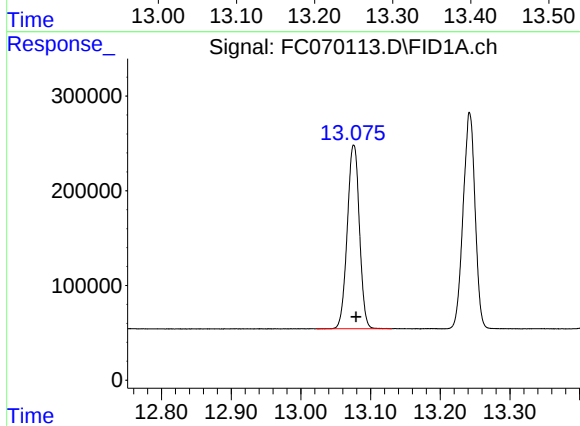
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.003 min
Response: 2811132
Conc: 17.52 ug/ml



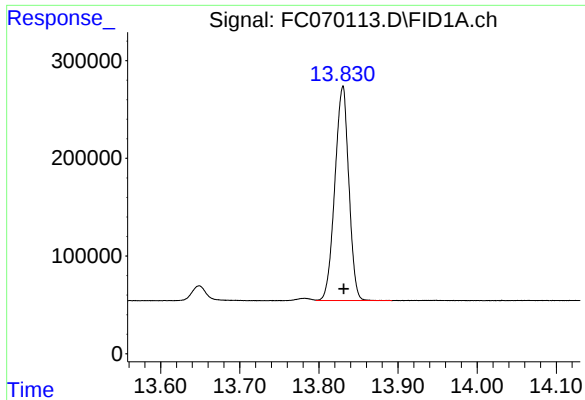
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: -0.003 min
Response: 2718612
Conc: 17.51 ug/ml



#12 1-chlorooctadecane (SURR)

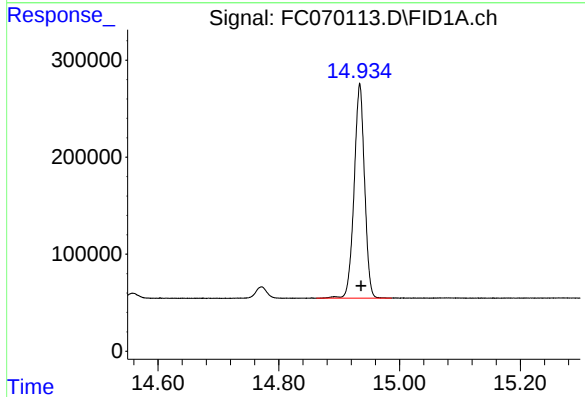
R.T.: 13.076 min
Delta R.T.: -0.003 min
Response: 2347049
Conc: 17.29 ug/ml



#13 n-Docosane (C22)

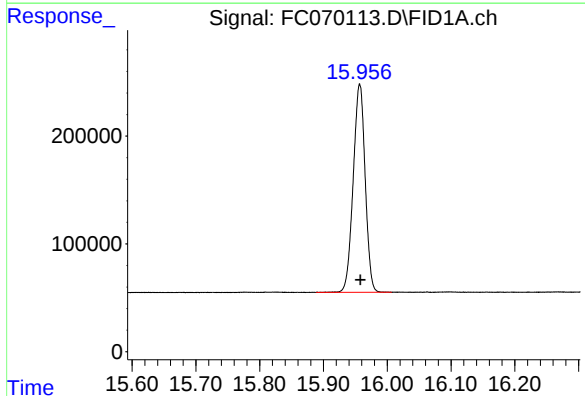
R.T.: 13.830 min
Delta R.T.: -0.001 min
Response: 2690200
Conc: 17.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



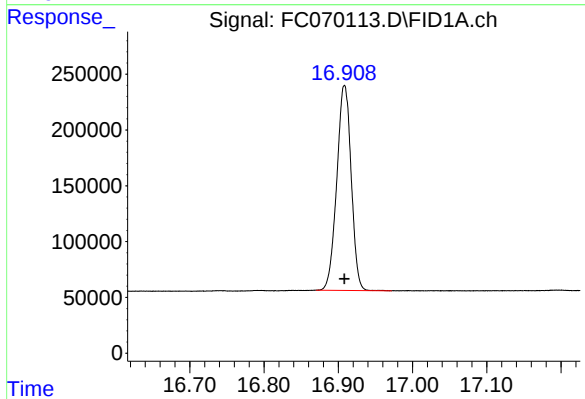
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.002 min
Response: 2650945
Conc: 17.48 ug/ml



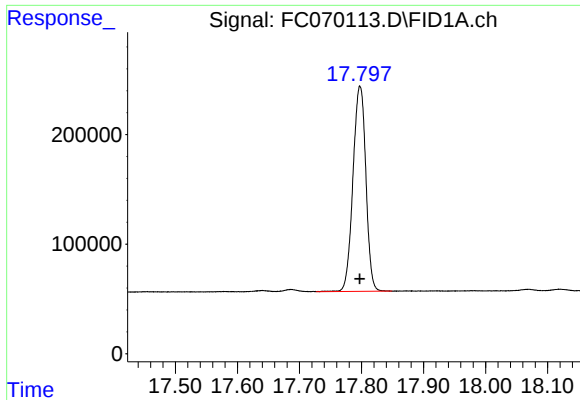
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.001 min
Response: 2515290
Conc: 17.38 ug/ml



#16 n-Octacosane (C28)

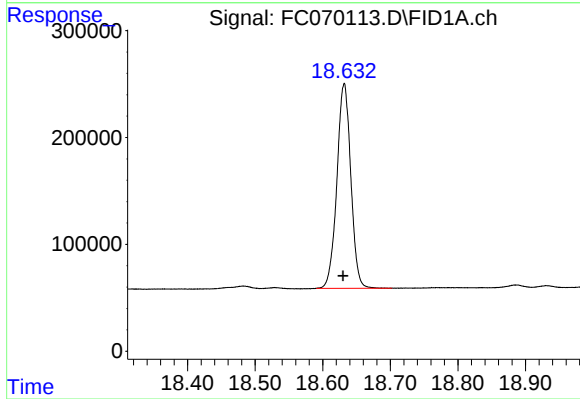
R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2476597
Conc: 17.91 ug/ml



#17 n-Tricontane (C30)

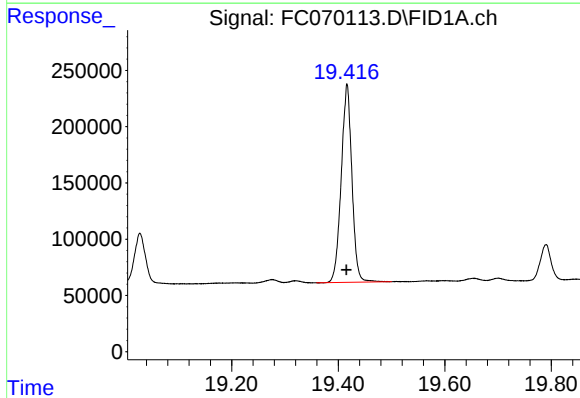
R.T.: 17.798 min
Delta R.T.: 0.000 min
Response: 2701905
Conc: 19.79 ug/ml

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20 PPM ALIPHATIC HC STD



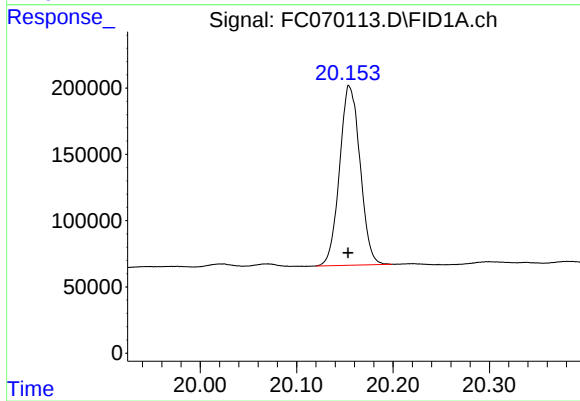
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: 0.001 min
Response: 2741915
Conc: 21.27 ug/ml



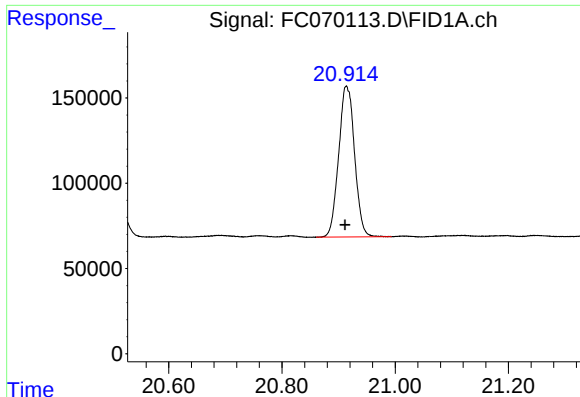
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: 0.001 min
Response: 2456153
Conc: 21.53 ug/ml



#20 n-Hexatriacontane (C36)

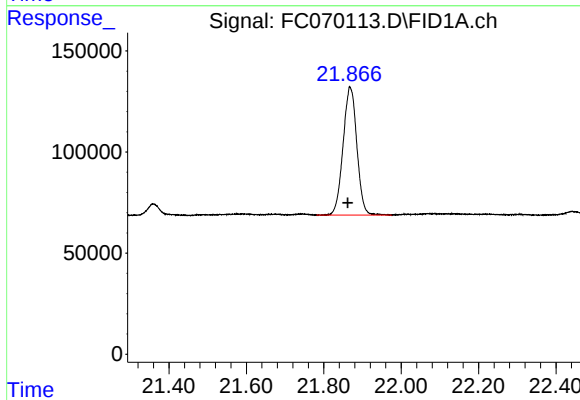
R.T.: 20.155 min
Delta R.T.: 0.002 min
Response: 1996753
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: 0.003 min
Response: 1728161
Conc: 19.83 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: 0.006 min
Response: 1566283
Conc: 19.06 ug/ml