

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070142.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 14:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 06 14:48:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 110625.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 06 14:47:49 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)	11.638	3430144	19.540 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	13.072	2613099	19.544 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	3.378	2793758	19.700 ug/ml
2) T n-Decane (C10)	4.449	2889822	19.681 ug/ml
3) T A~Naphthalene (C11.7)	6.043	3176725	19.755 ug/ml
4) T n-Dodecane (C12)	6.471	2991230	19.507 ug/ml
5) T A~2-methylnaphthalene...	7.101	3080486	19.750 ug/ml
6) T n-Tetradecane (C14)	8.268	3073022	19.552 ug/ml
7) T n-Hexadecane (C16)	9.871	3237470	19.530 ug/ml
8) T n-Octadecane (C18)	11.316	3292107	19.532 ug/ml
10) T n-Eicosane (C20)	12.625	3107169	19.424 ug/ml
11) T n-Heneicosane (C21)	13.239	3016464	19.456 ug/ml
13) T n-Docosane (C22)	13.826	2963204	19.142 ug/ml
14) T n-Tetracosane (C24)	14.931	2859152	18.345 ug/ml
15) T n-Hexacosane (C26)	15.953	2706759	18.185 ug/ml
16) T n-Octacosane (C28)	16.904	2588582	17.810 ug/ml
17) T n-Tricontane (C30)	17.793	2559019	17.251 ug/ml
18) T n-Dotriacontane (C32)	18.625	2438496	16.757 ug/ml
19) T n-Tetratriacontane (C34)	19.411	2207550	17.154 ug/ml
20) T n-Hexatriacontane (C36)	20.150	1922695	17.838 ug/ml
21) T n-Octatriacontane (C38)	20.908	1744241	18.296 ug/ml
22) T n-Tetracontane (C40)	21.858	1651095	18.622 ug/ml

(f)=RT Delta > 1/2 Window

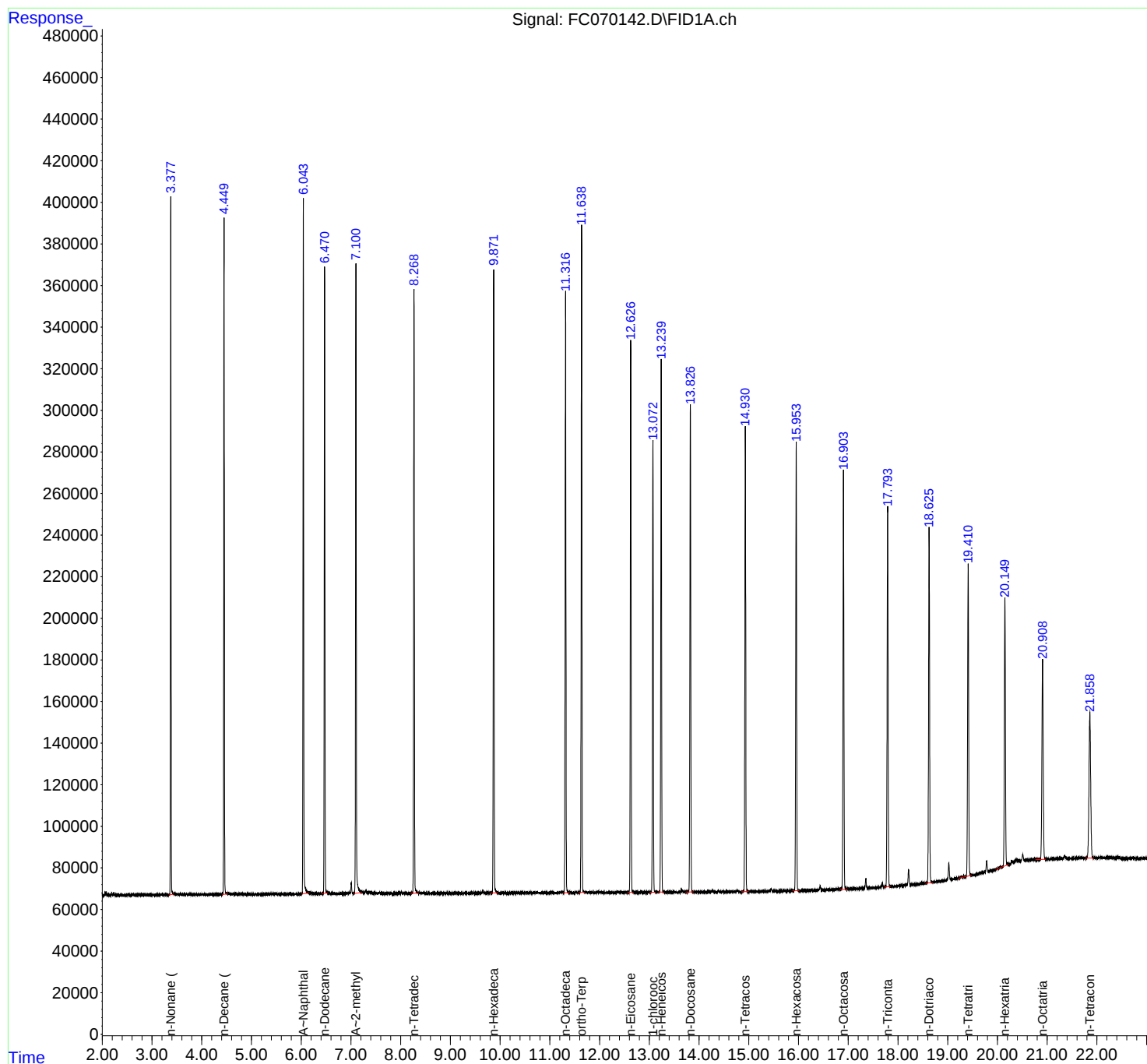
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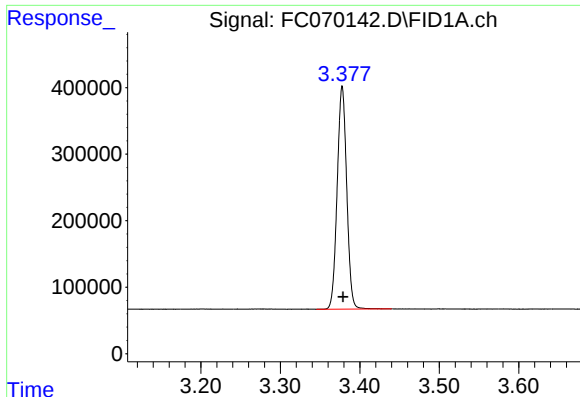
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#1 n-Nonane (C9)

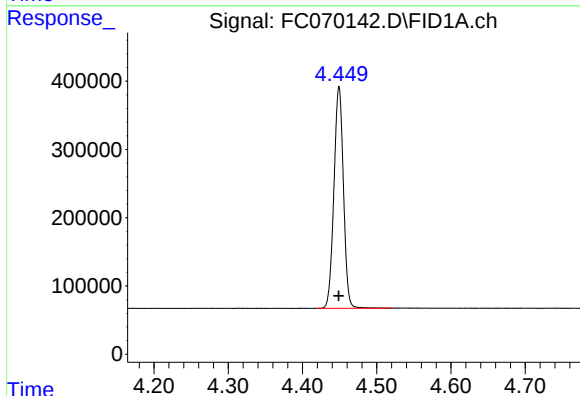
R.T.: 3.378 min
Delta R.T.: -0.001 min
Response: 2793758
Conc: 19.70 ug/ml

Instrument :

FID_C

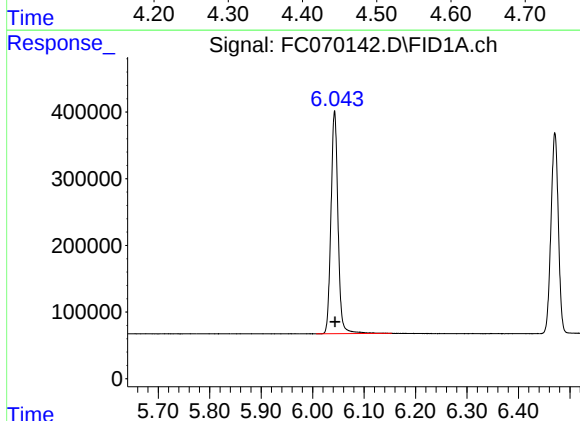
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



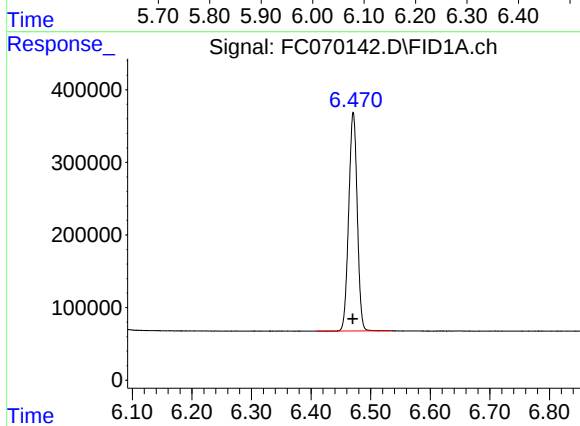
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 2889822
Conc: 19.68 ug/ml



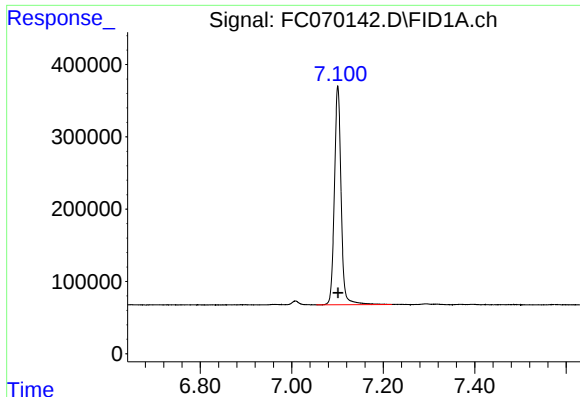
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 3176725
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

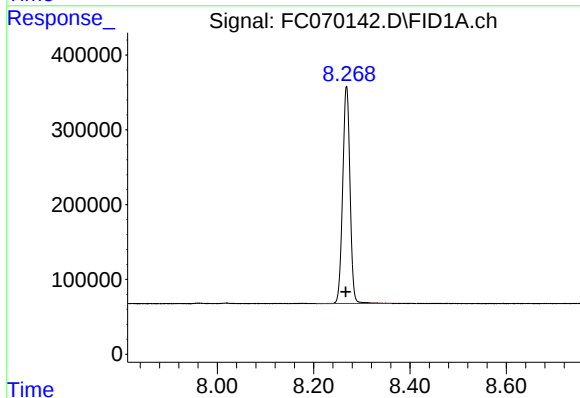
R.T.: 6.471 min
Delta R.T.: 0.001 min
Response: 2991230
Conc: 19.51 ug/ml



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

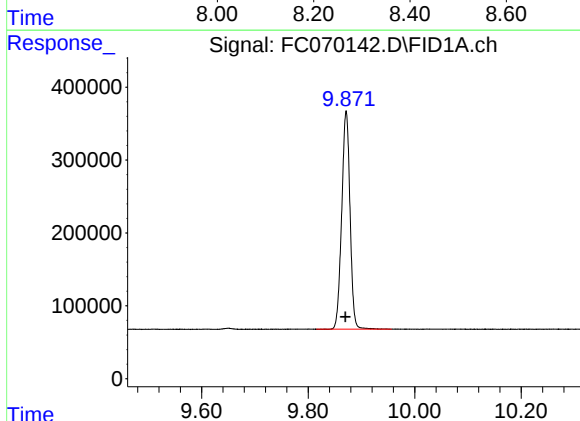
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 3080486
Conc: 19.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



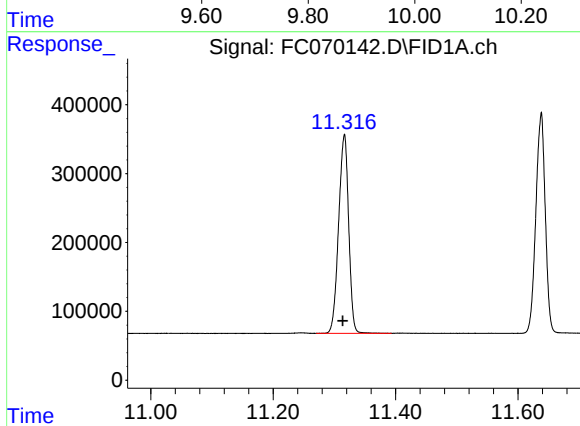
#6 n-Tetradecane (C14)

R.T.: 8.268 min
Delta R.T.: 0.001 min
Response: 3073022
Conc: 19.55 ug/ml



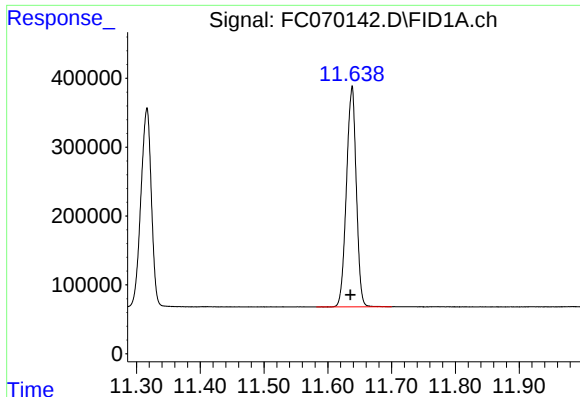
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: 0.001 min
Response: 3237470
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.316 min
Delta R.T.: 0.002 min
Response: 3292107
Conc: 19.53 ug/ml



#9 ortho-Terphenyl (SURR)

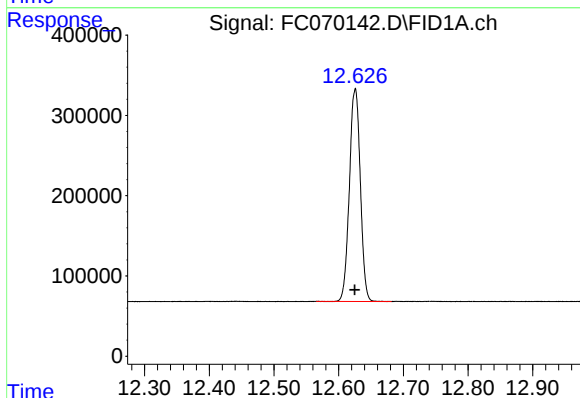
R.T.: 11.638 min
Delta R.T.: 0.002 min
Response: 3430144
Conc: 19.54 ug/ml

Instrument :

FID_C

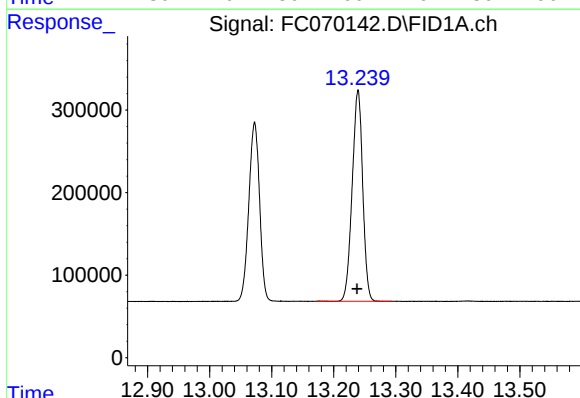
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



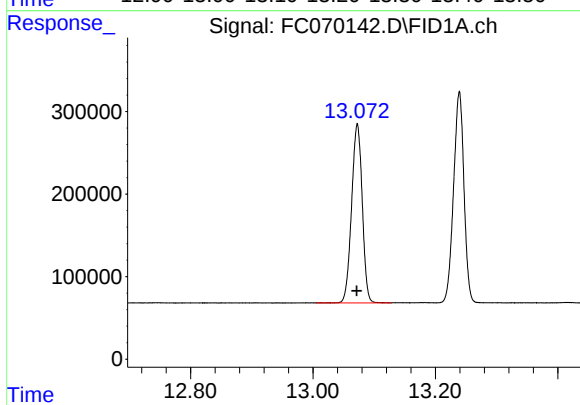
#10 n-Eicosane (C20)

R.T.: 12.625 min
Delta R.T.: 0.000 min
Response: 3107169
Conc: 19.42 ug/ml



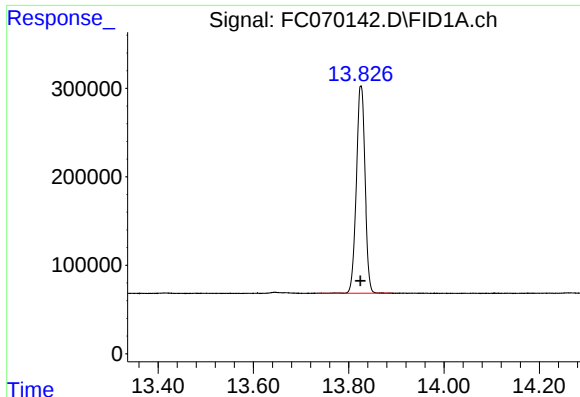
#11 n-Heneicosane (C21)

R.T.: 13.239 min
Delta R.T.: 0.001 min
Response: 3016464
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

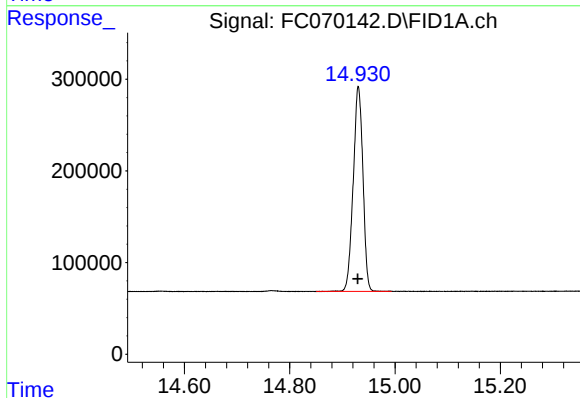
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2613099
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

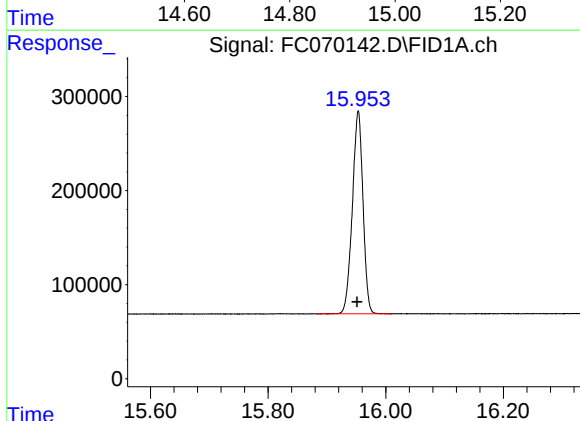
R.T.: 13.826 min
Delta R.T.: 0.001 min
Response: 2963204
Conc: 19.14 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



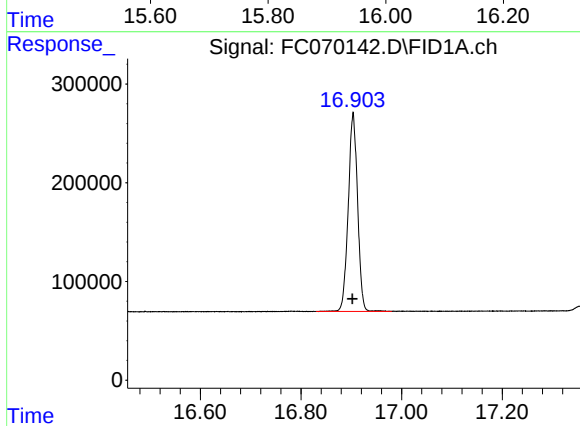
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: 0.001 min
Response: 2859152
Conc: 18.34 ug/ml



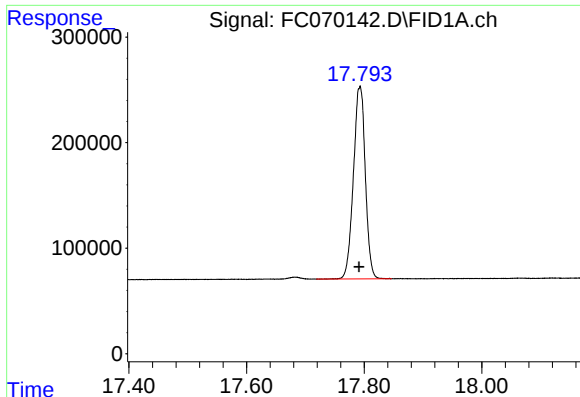
#15 n-Hexacosane (C26)

R.T.: 15.953 min
Delta R.T.: 0.002 min
Response: 2706759
Conc: 18.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.904 min
Delta R.T.: 0.001 min
Response: 2588582
Conc: 17.81 ug/ml



#17 n-Tricontane (C30)

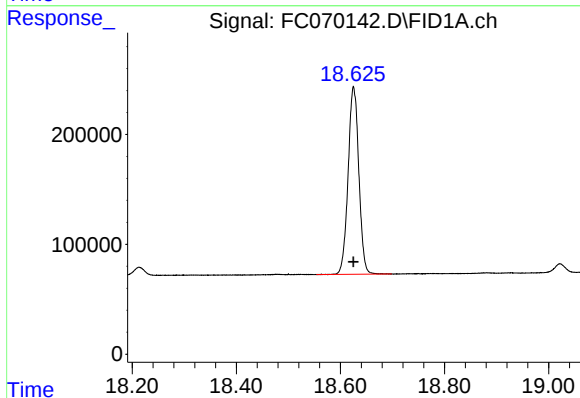
R.T.: 17.793 min
Delta R.T.: 0.001 min
Response: 2559019
Conc: 17.25 ug/ml

Instrument :

FID_C

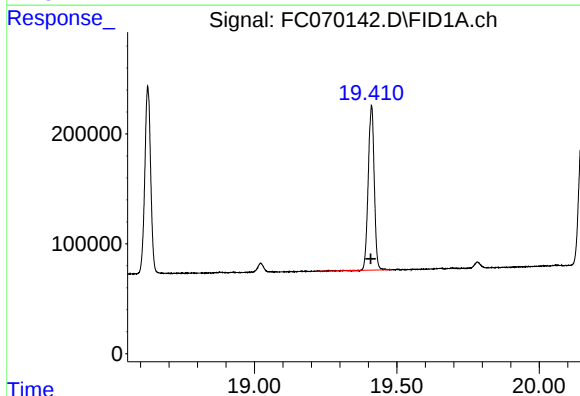
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



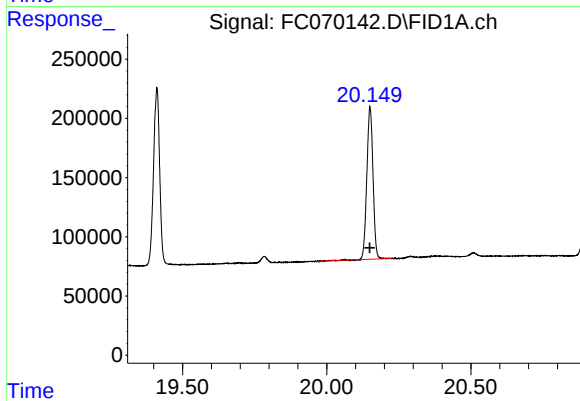
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: 0.000 min
Response: 2438496
Conc: 16.76 ug/ml



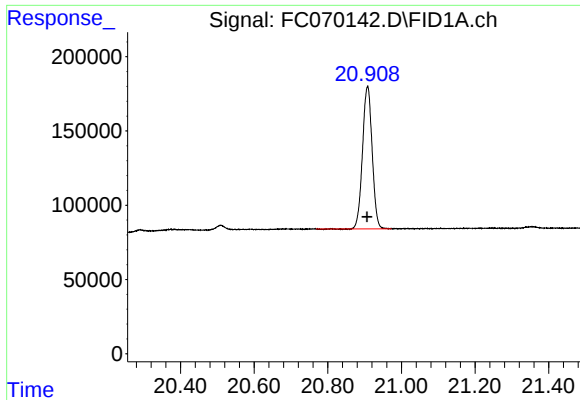
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: 0.002 min
Response: 2207550
Conc: 17.15 ug/ml



#20 n-Hexatriacontane (C36)

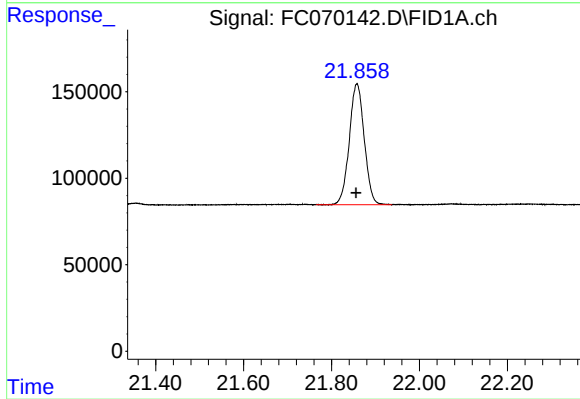
R.T.: 20.150 min
Delta R.T.: 0.000 min
Response: 1922695
Conc: 17.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.001 min
Response: 1744241
Conc: 18.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.858 min
Delta R.T.: 0.002 min
Response: 1651095
Conc: 18.62 ug/ml