

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061925AL\
 Data File : FC069241.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2025 21:18
 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: Jun 20 01:10:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.681	3224960	18.667 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
12) S 1-chlorooctadecane (S...	13.118	2461113	18.839 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.410	2860125	20.111 ug/ml
2) T n-Decane (C10)	4.483	2940341	20.085 ug/ml
3) T A~Naphthalene (C11.7)	6.078	3250377	20.202 ug/ml
4) T n-Dodecane (C12)	6.508	3025259	19.979 ug/ml
5) T A~2-methylnaphthalene...	7.137	3163102	19.988 ug/ml
6) T n-Tetradecane (C14)	8.308	3025387	19.518 ug/ml
7) T n-Hexadecane (C16)	9.913	3096634	18.949 ug/ml
8) T n-Octadecane (C18)	11.359	3059110	18.736 ug/ml
10) T n-Eicosane (C20)	12.671	2873599	18.826 ug/ml
11) T n-Heneicosane (C21)	13.285	2791637	18.940 ug/ml
13) T n-Docosane (C22)	13.872	2742280	19.059 ug/ml
14) T n-Tetracosane (C24)	14.977	2662303	19.302 ug/ml
15) T n-Hexacosane (C26)	16.001	2541200	19.440 ug/ml
16) T n-Octacosane (C28)	16.952	2401835	19.475 ug/ml
17) T n-Tricontane (C30)	17.842	2336692	19.655 ug/ml
18) T n-Dotriacontane (C32)	18.676	2170943	19.855 ug/ml
19) T n-Tetratriacontane (C34)	19.461	1947337	20.166 ug/ml
20) T n-Hexatriacontane (C36)	20.204	1688094	20.483 ug/ml
21) T n-Octatriacontane (C38)	20.973	1541619	20.629 ug/ml
22) T n-Tetracontane (C40)	21.945	1452143	20.506 ug/ml

(f)=RT Delta > 1/2 Window

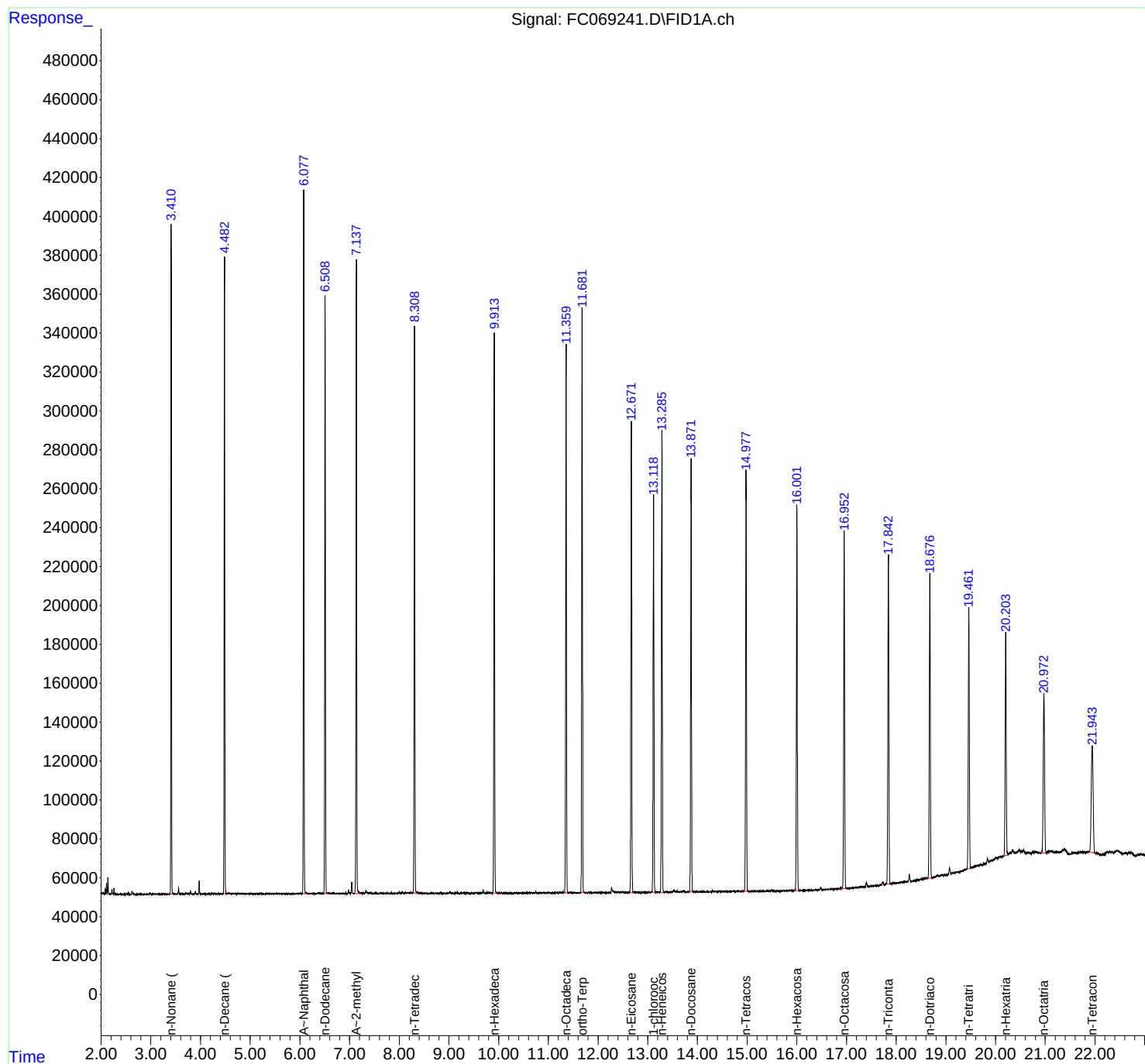
(m)=manual int.

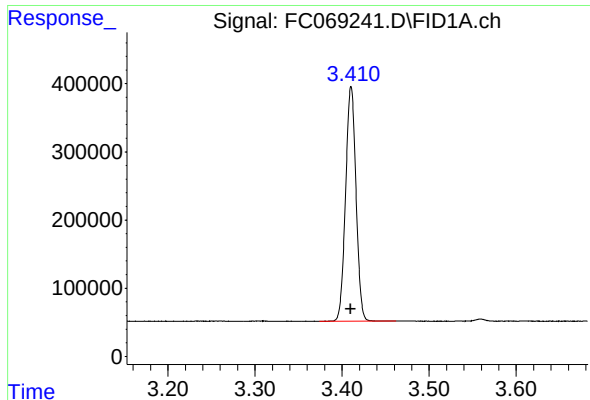
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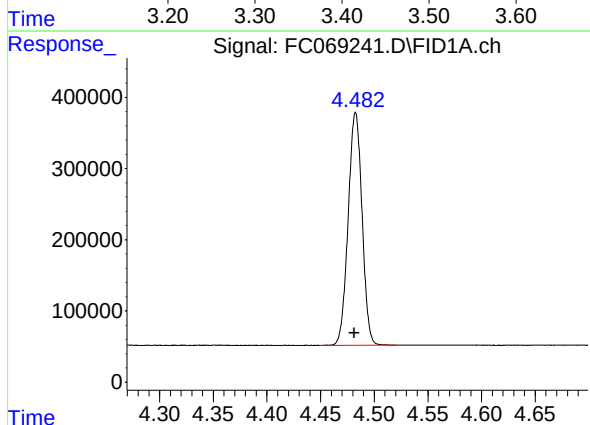




#1 n-Nonane (C9)

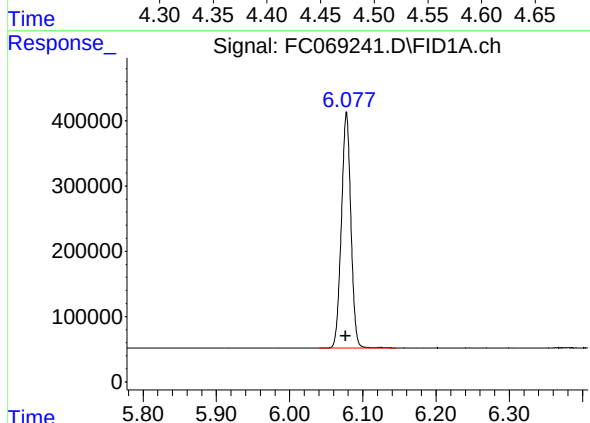
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 2860125
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



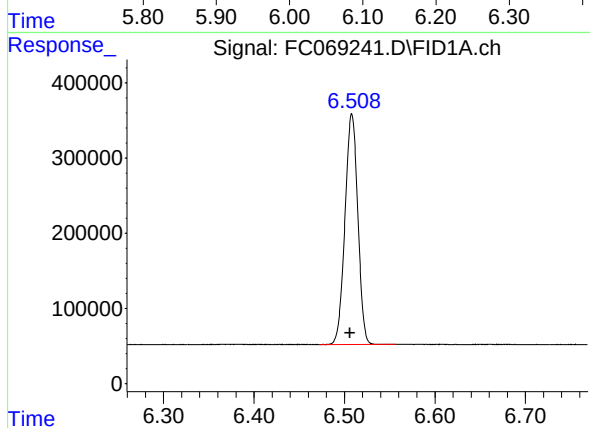
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 2940341
Conc: 20.08 ug/ml



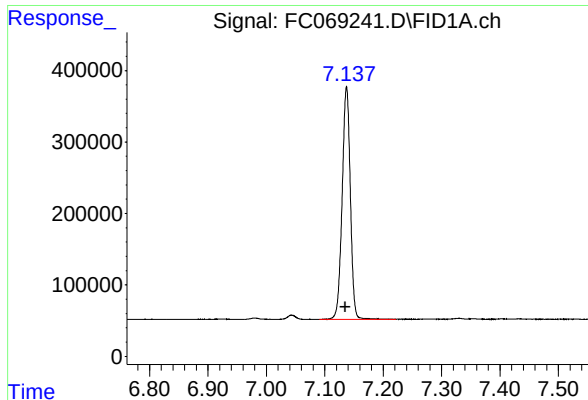
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: 0.001 min
Response: 3250377
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

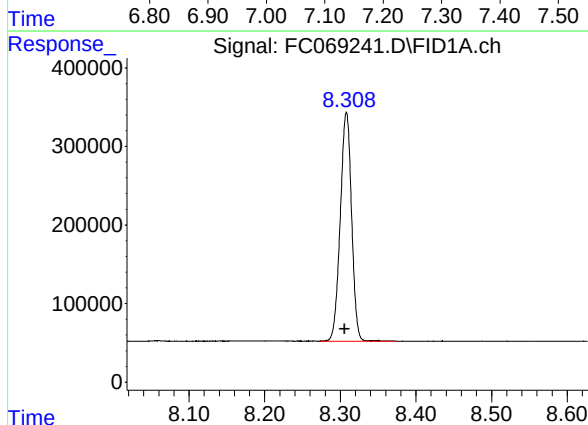
R.T.: 6.508 min
Delta R.T.: 0.002 min
Response: 3025259
Conc: 19.98 ug/ml



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

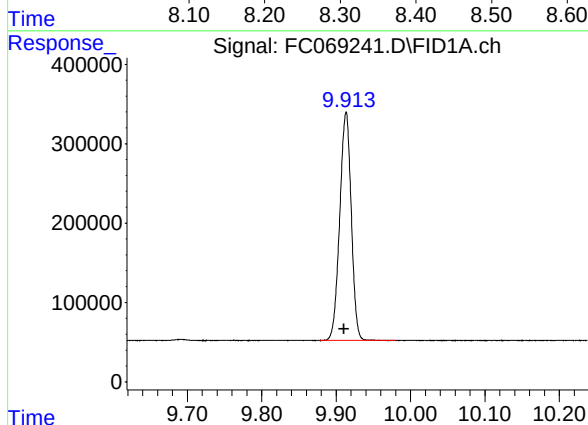
R.T.: 7.137 min
Delta R.T.: 0.002 min
Response: 3163102
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



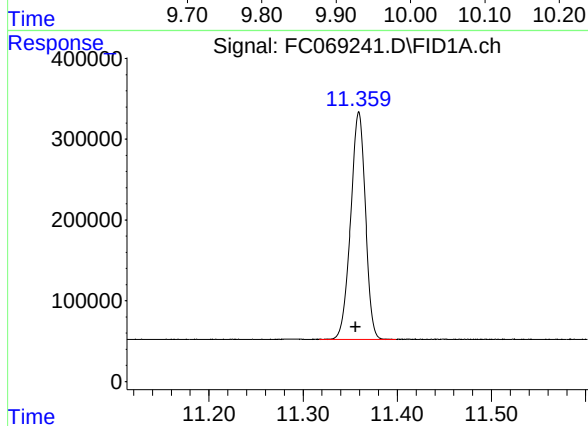
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 3025387
Conc: 19.52 ug/ml



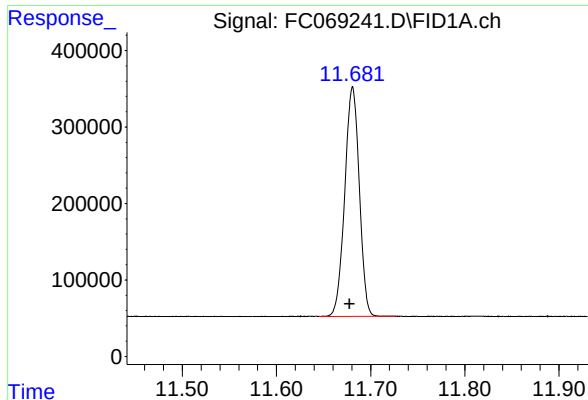
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: 0.003 min
Response: 3096634
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

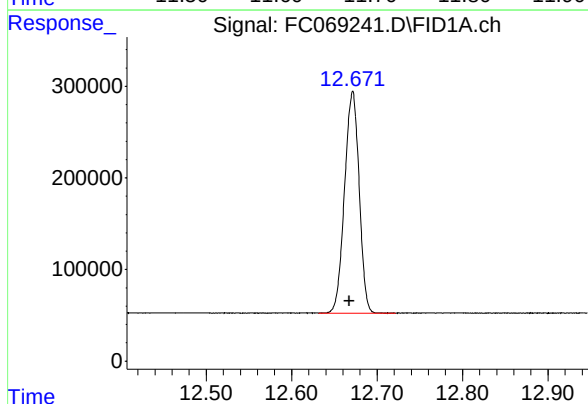
R.T.: 11.359 min
Delta R.T.: 0.004 min
Response: 3059110
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

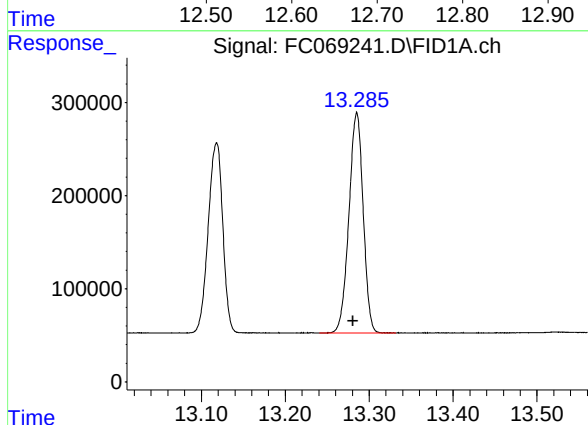
R.T.: 11.681 min
Delta R.T.: 0.003 min
Response: 3224960
Conc: 18.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



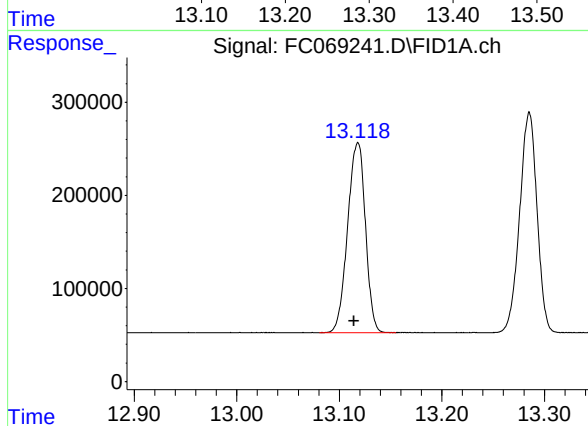
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.003 min
Response: 2873599
Conc: 18.83 ug/ml



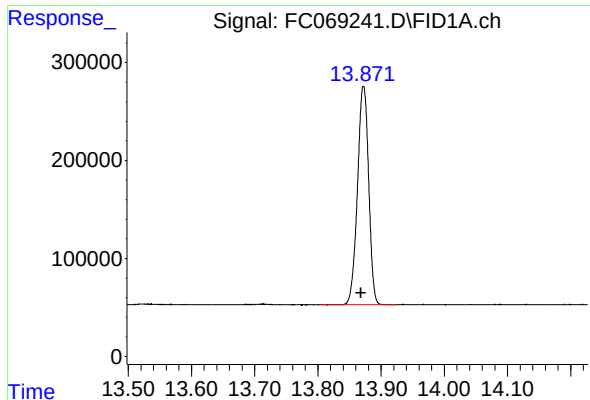
#11 n-Heneicosane (C21)

R.T.: 13.285 min
Delta R.T.: 0.004 min
Response: 2791637
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

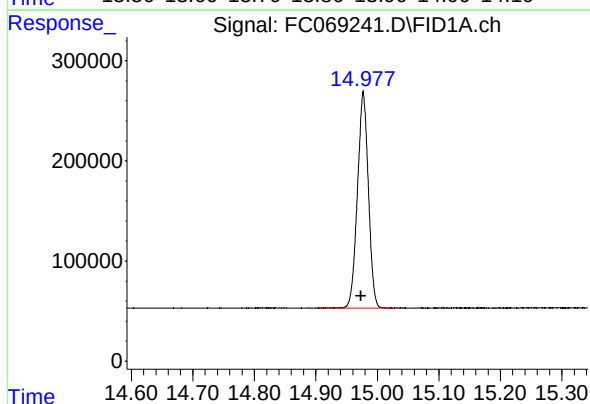
R.T.: 13.118 min
Delta R.T.: 0.003 min
Response: 2461113
Conc: 18.84 ug/ml



#13 n-Docosane (C22)

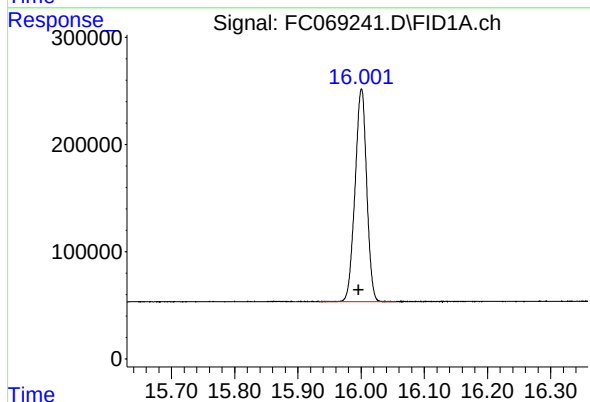
R.T.: 13.872 min
Delta R.T.: 0.004 min
Response: 2742280
Conc: 19.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



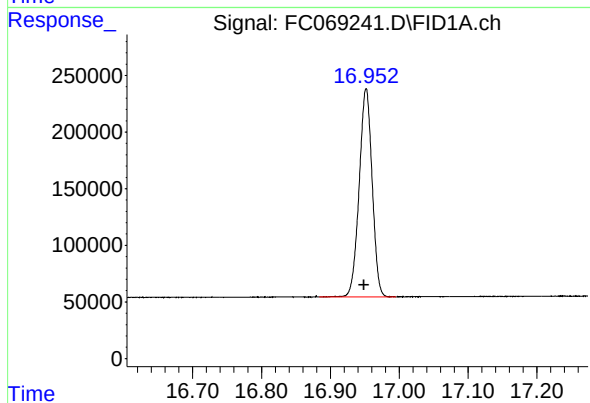
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: 0.004 min
Response: 2662303
Conc: 19.30 ug/ml



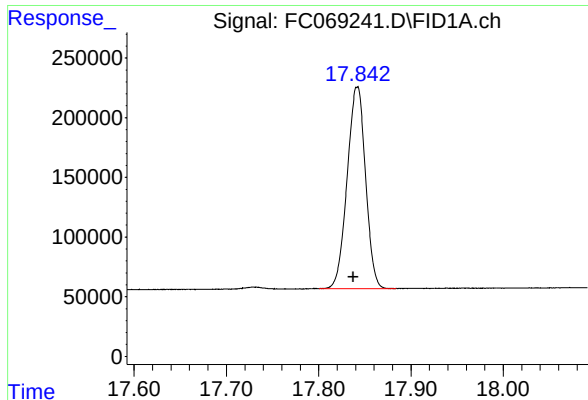
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: 0.004 min
Response: 2541200
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

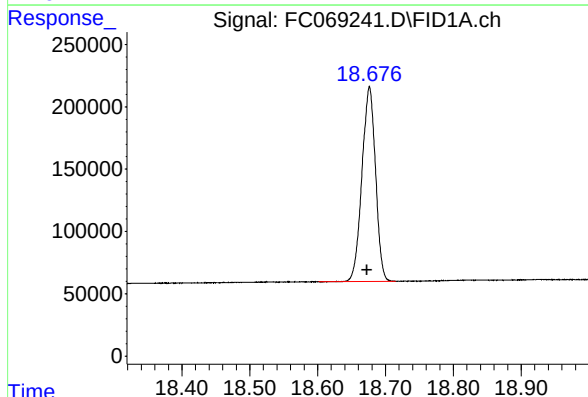
R.T.: 16.952 min
Delta R.T.: 0.003 min
Response: 2401835
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

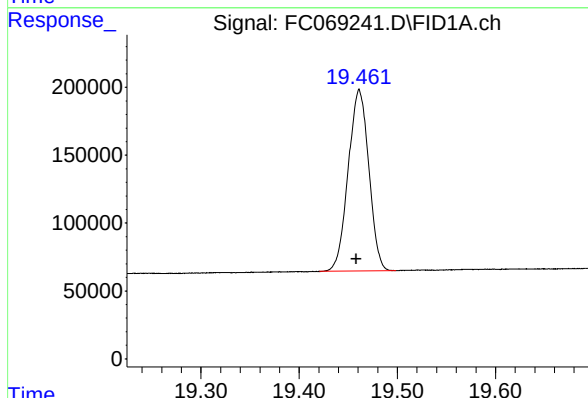
R.T.: 17.842 min
Delta R.T.: 0.004 min
Response: 2336692
Conc: 19.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



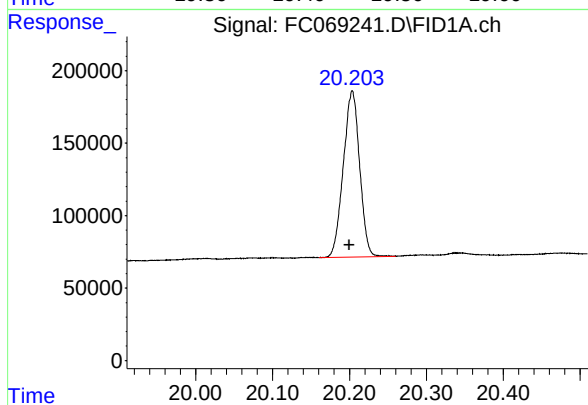
#18 n-Dotriacontane (C32)

R.T.: 18.676 min
Delta R.T.: 0.003 min
Response: 2170943
Conc: 19.86 ug/ml



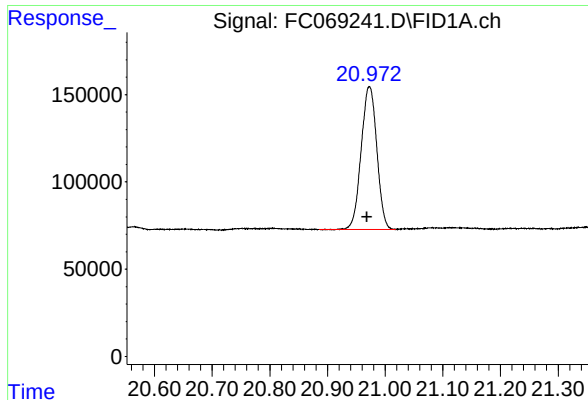
#19 n-Tetatriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.003 min
Response: 1947337
Conc: 20.17 ug/ml



#20 n-Hexatriacontane (C36)

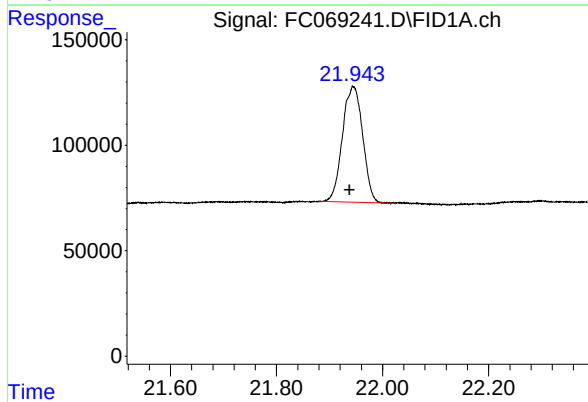
R.T.: 20.204 min
Delta R.T.: 0.004 min
Response: 1688094
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: 0.004 min
Response: 1541619
Conc: 20.63 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: 0.008 min
Response: 1452143
Conc: 20.51 ug/ml