

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100724AL\
 Data File : FC067371.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2024 12:43
 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: Oct 08 02:47:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 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)	11.499	2710081	17.810 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
12) S 1-chlorooctadecane (S...	12.938	2022902	17.871 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
Target Compounds			
1) T n-Nonane (C9)	3.275	2328077	18.366 ug/ml
2) T n-Decane (C10)	4.341	2412229	18.766 ug/ml
3) T A~Naphthalene (C11.7)	5.919	2640811	18.616 ug/ml
4) T n-Dodecane (C12)	6.357	2438250	18.790 ug/ml
5) T A~2-methylnaphthalene...	6.973	2549302	18.582 ug/ml
6) T n-Tetradecane (C14)	8.150	2401250	18.644 ug/ml
7) T n-Hexadecane (C16)	9.748	2460541	18.484 ug/ml
8) T n-Octadecane (C18)	11.188	2478501	18.278 ug/ml
10) T n-Eicosane (C20)	12.496	2363429	18.101 ug/ml
11) T n-Heneicosane (C21)	13.106	2308183	17.997 ug/ml
13) T n-Docosane (C22)	13.692	2298105	17.998 ug/ml
14) T n-Tetracosane (C24)	14.793	2288949	17.897 ug/ml
15) T n-Hexacosane (C26)	15.812	2253912	17.876 ug/ml
16) T n-Octacosane (C28)	16.762	2302745	18.330 ug/ml
17) T n-Tricontane (C30)	17.648	2494902	19.367 ug/ml
18) T n-Dotriacontane (C32)	18.480	2493851	19.962 ug/ml
19) T n-Tetratriacontane (C34)	19.262	2155227	19.723 ug/ml
20) T n-Hexatriacontane (C36)	20.000	1791844	18.958 ug/ml
21) T n-Octatriacontane (C38)	20.726	1649319	18.806 ug/ml
22) T n-Tetracontane (C40)	21.610	1626310	18.900 ug/ml

(f)=RT Delta > 1/2 Window

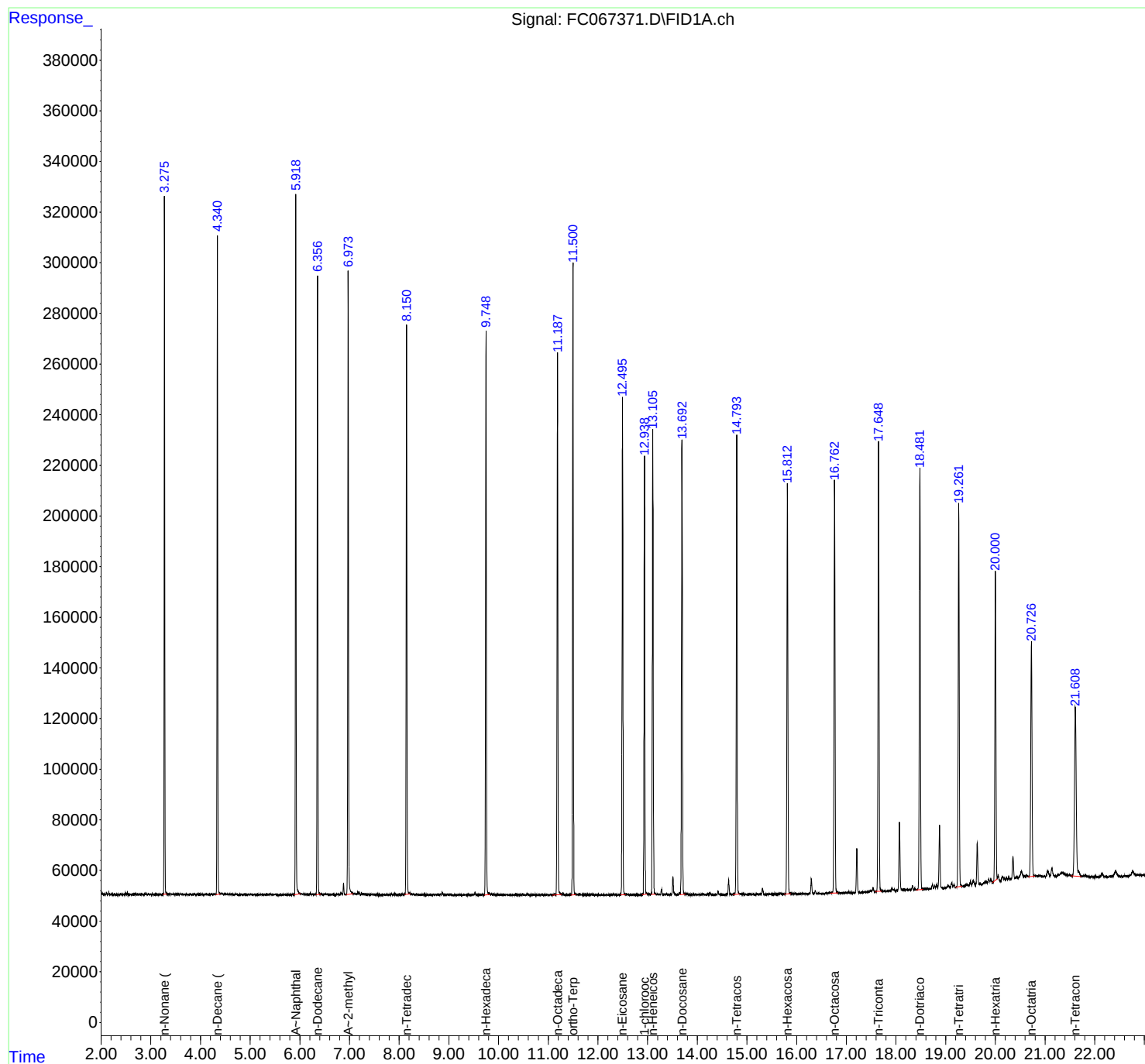
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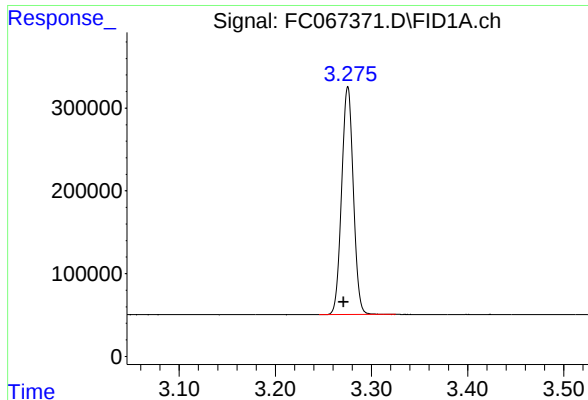
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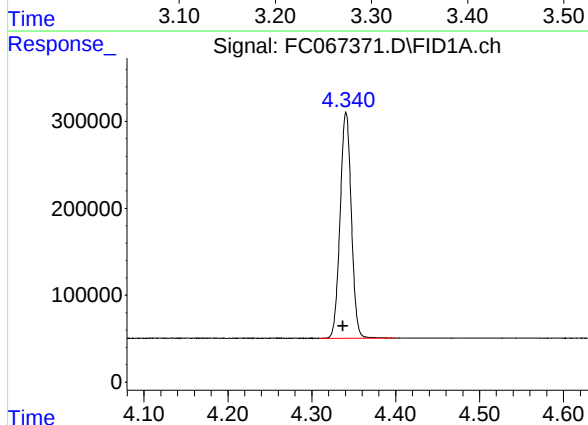




#1 n-Nonane (C9)

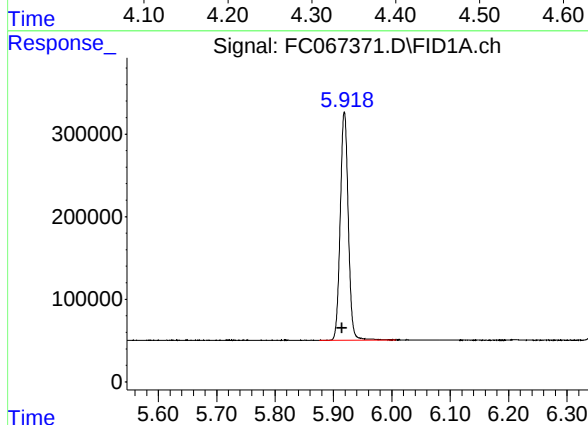
R.T.: 3.275 min
Delta R.T.: 0.004 min
Response: 2328077
Conc: 18.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



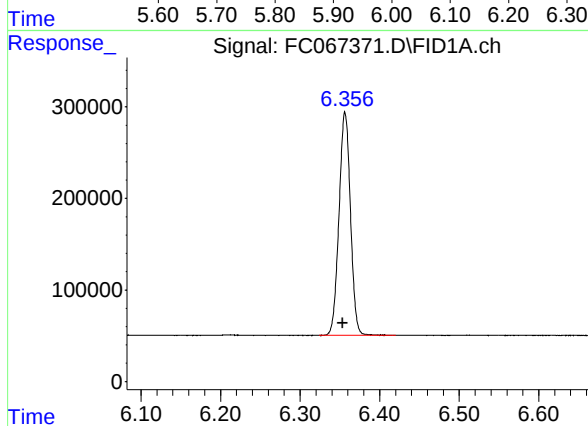
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.004 min
Response: 2412229
Conc: 18.77 ug/ml



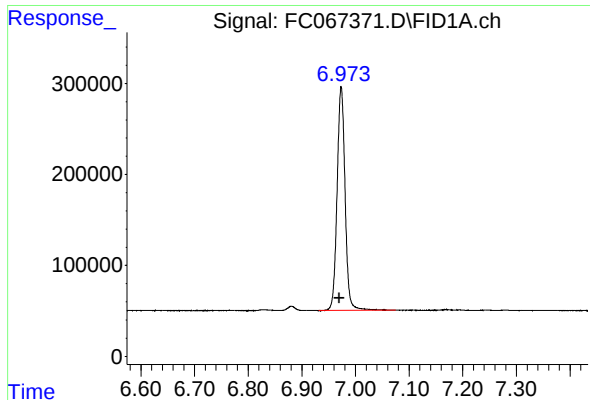
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: 0.004 min
Response: 2640811
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

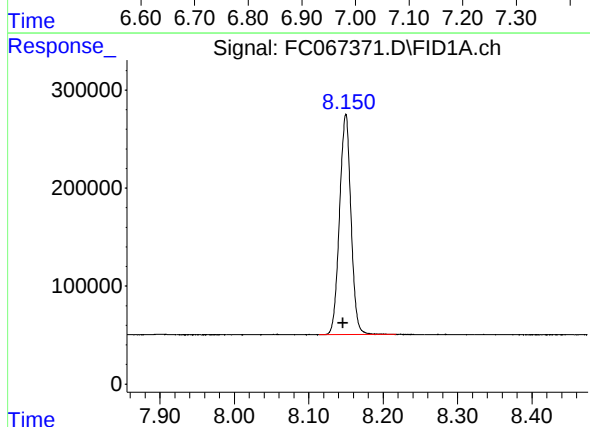
R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 2438250
Conc: 18.79 ug/ml



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

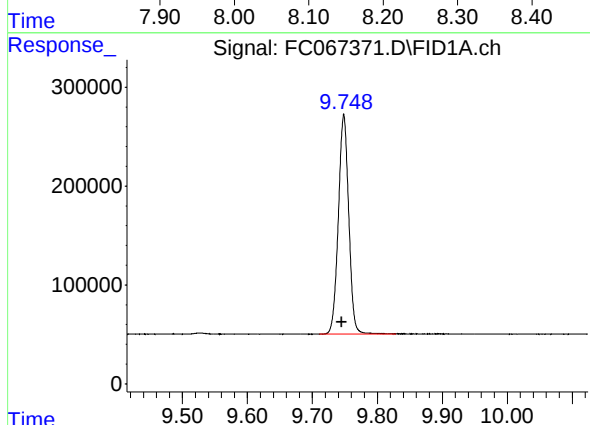
R.T.: 6.973 min
Delta R.T.: 0.004 min
Response: 2549302
Conc: 18.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



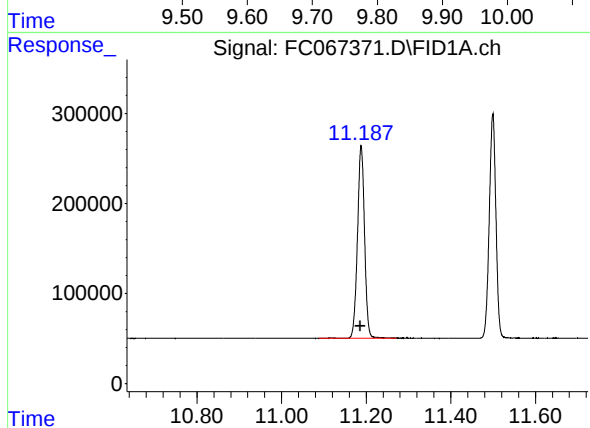
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.003 min
Response: 2401250
Conc: 18.64 ug/ml



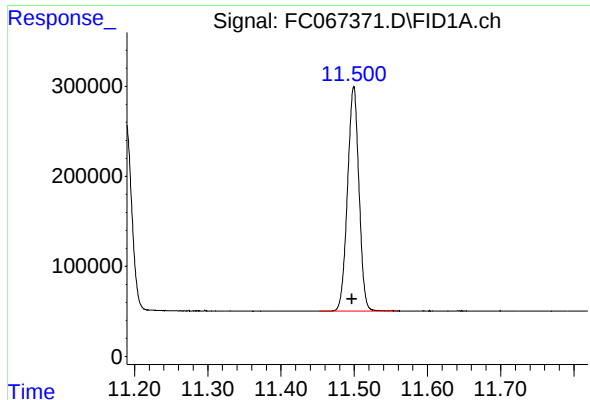
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 2460541
Conc: 18.48 ug/ml



#8 n-Octadecane (C18)

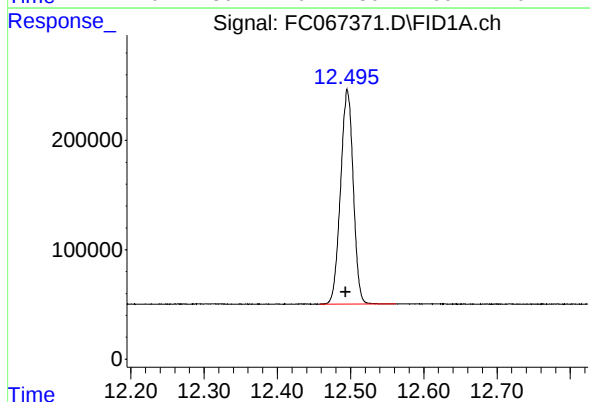
R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 2478501
Conc: 18.28 ug/ml



#9 ortho-Terphenyl (SURR)

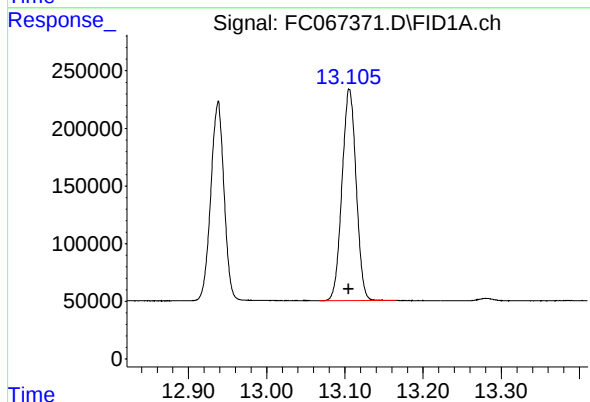
R.T.: 11.499 min
Delta R.T.: 0.002 min
Response: 2710081
Conc: 17.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



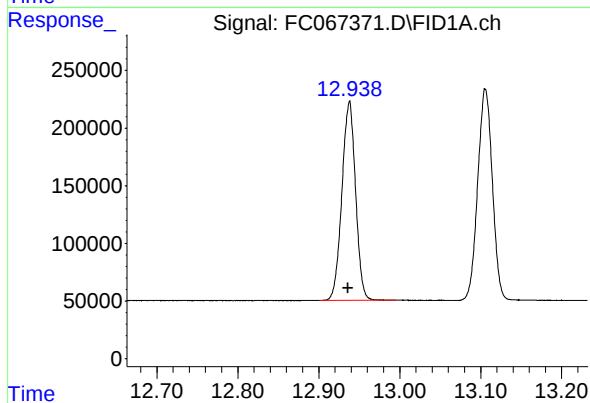
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.002 min
Response: 2363429
Conc: 18.10 ug/ml



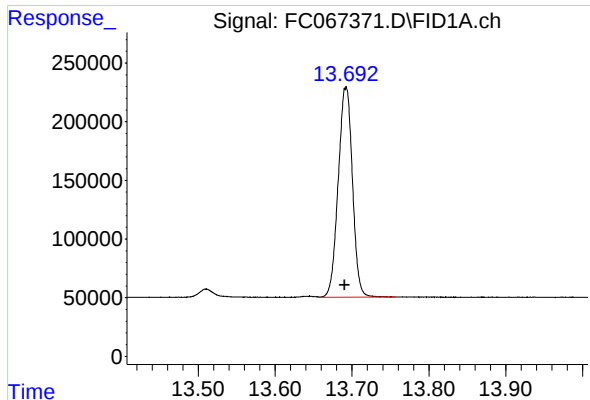
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: 0.001 min
Response: 2308183
Conc: 18.00 ug/ml



#12 1-chlorooctadecane (SURR)

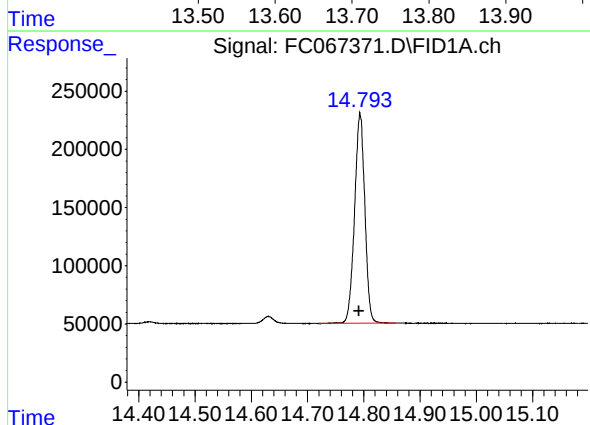
R.T.: 12.938 min
Delta R.T.: 0.002 min
Response: 2022902
Conc: 17.87 ug/ml



#13 n-Docosane (C22)

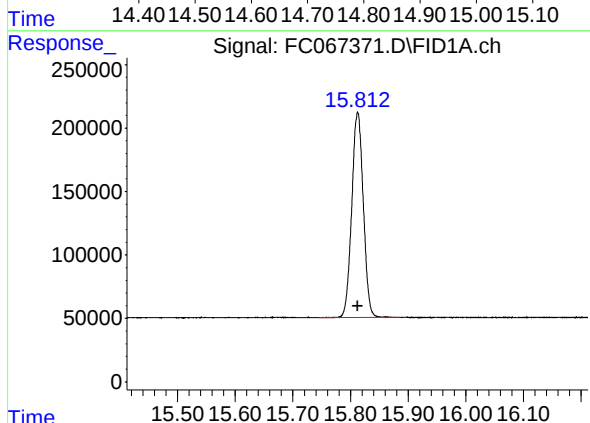
R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 2298105
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



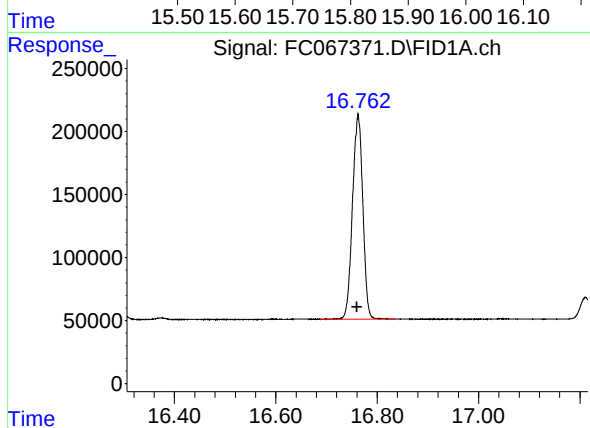
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.001 min
Response: 2288949
Conc: 17.90 ug/ml



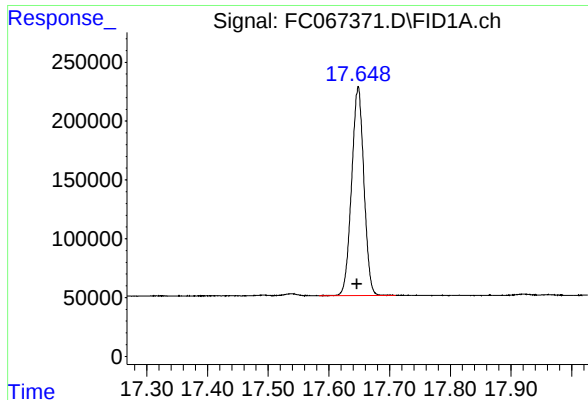
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: 0.000 min
Response: 2253912
Conc: 17.88 ug/ml



#16 n-Octacosane (C28)

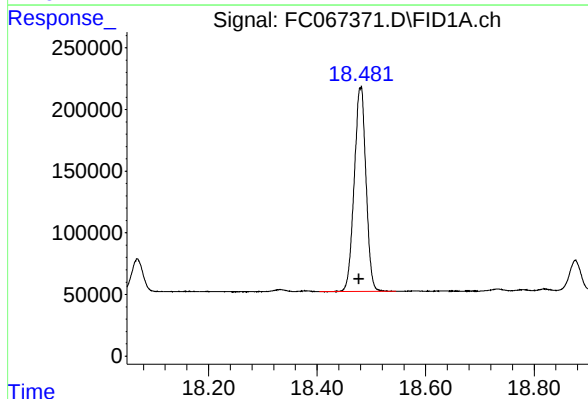
R.T.: 16.762 min
Delta R.T.: 0.003 min
Response: 2302745
Conc: 18.33 ug/ml



#17 n-Tricontane (C30)

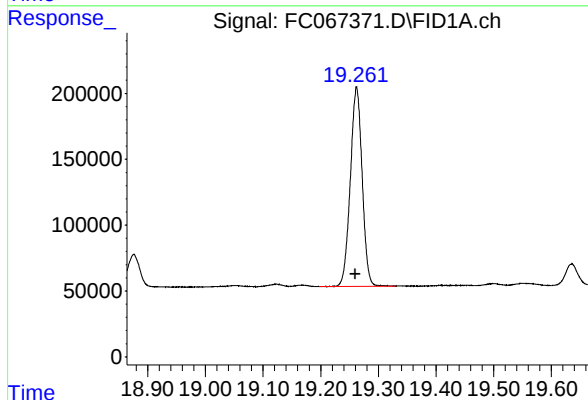
R.T.: 17.648 min
Delta R.T.: 0.002 min
Response: 2494902
Conc: 19.37 ug/ml

Instrument :
FID_C
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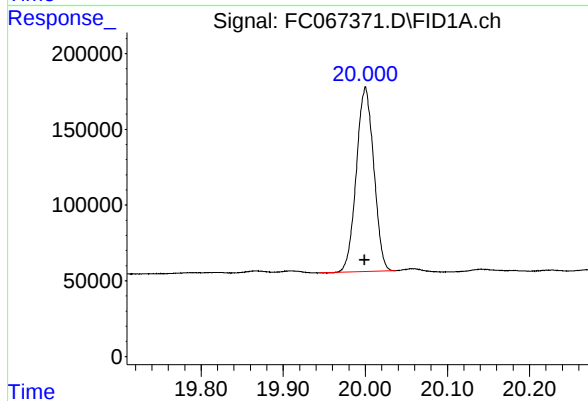
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.003 min
Response: 2493851
Conc: 19.96 ug/ml



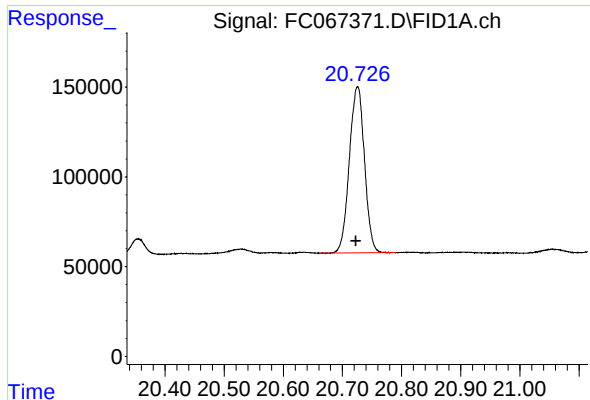
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: 0.003 min
Response: 2155227
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

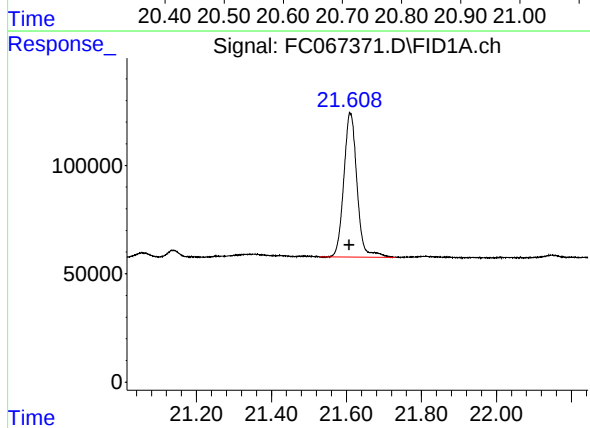
R.T.: 20.000 min
Delta R.T.: 0.000 min
Response: 1791844
Conc: 18.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: 0.003 min
Response: 1649319
Conc: 18.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: 0.003 min
Response: 1626310
Conc: 18.90 ug/ml