

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092324AL\
 Data File : FC067242.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2024 18:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 24 01:30:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.502	2485728	17.851 ug/ml
Spiked Amount 50.000		Recovery =	35.70%
12) S 1-chlorooctadecane (S...	12.940	1767793	18.097 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T n-Nonane (C9)	3.276	2365057	17.830 ug/ml
2) T n-Decane (C10)	4.341	2465752	18.359 ug/ml
3) T A~Naphthalene (C11.7)	5.920	2576383	18.128 ug/ml
4) T n-Dodecane (C12)	6.358	2458927	18.370 ug/ml
5) T A~2-methylnaphthalene...	6.975	2422265	18.139 ug/ml
6) T n-Tetradecane (C14)	8.151	2377782	18.450 ug/ml
7) T n-Hexadecane (C16)	9.749	2393711	18.567 ug/ml
8) T n-Octadecane (C18)	11.190	2378179	18.588 ug/ml
10) T n-Eicosane (C20)	12.498	2226082	18.533 ug/ml
11) T n-Heneicosane (C21)	13.108	2164920	18.536 ug/ml
13) T n-Docosane (C22)	13.694	2147700	18.601 ug/ml
14) T n-Tetracosane (C24)	14.795	2150621	18.938 ug/ml
15) T n-Hexacosane (C26)	15.815	2124963	19.173 ug/ml
16) T n-Octacosane (C28)	16.764	2175466	20.140 ug/ml
17) T n-Tricontane (C30)	17.650	2353907	21.640 ug/ml
18) T n-Dotriacontane (C32)	18.482	2336005	22.396 ug/ml
19) T n-Tetratriacontane (C34)	19.265	2173117	23.555 ug/ml
20) T n-Hexatriacontane (C36)	20.003	1926511	24.310 ug/ml
21) T n-Octatriacontane (C38)	20.729	1652842	22.004 ug/ml
22) T n-Tetracontane (C40)	21.616	1370943	19.623 ug/ml

(f)=RT Delta > 1/2 Window

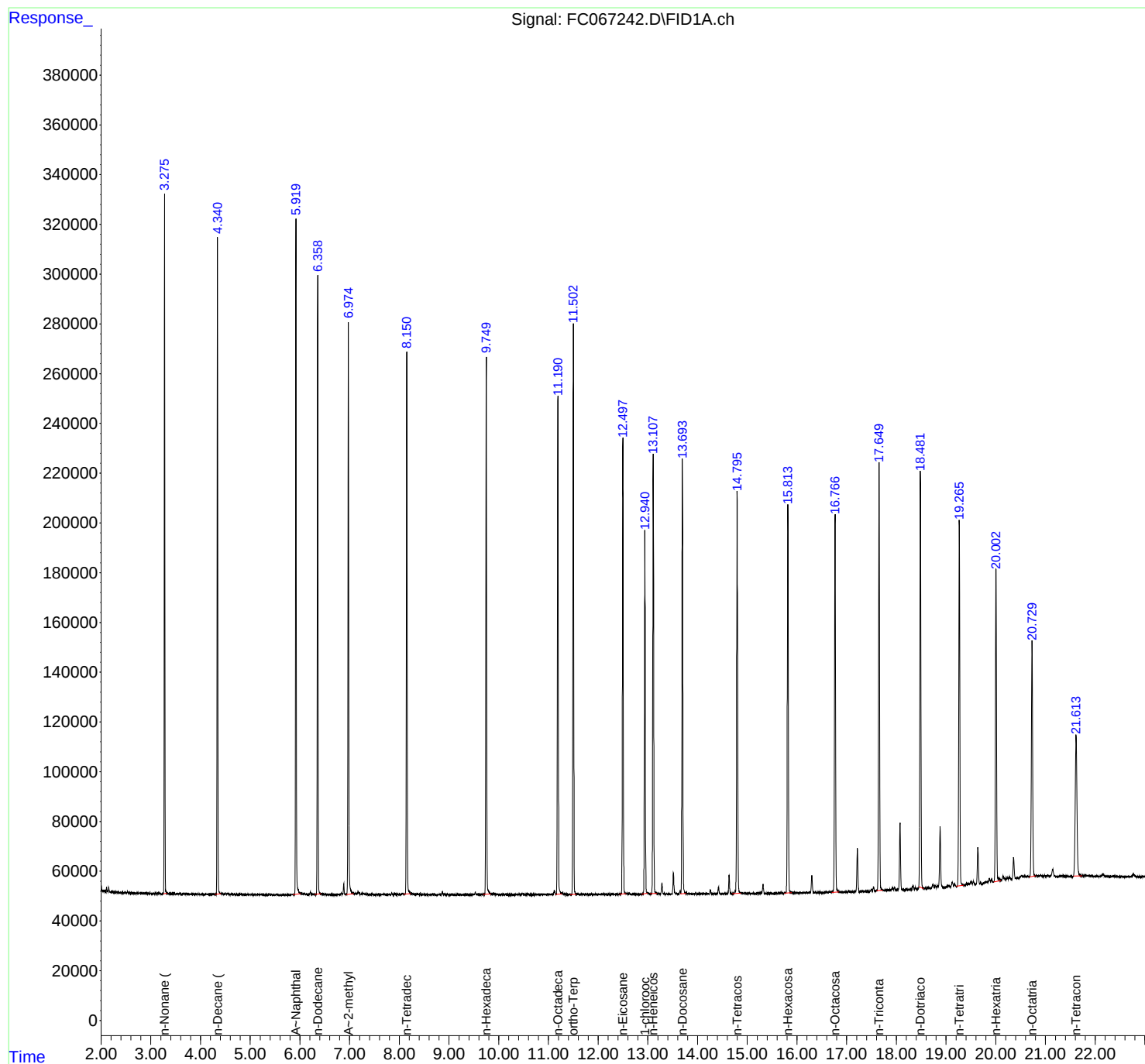
(m)=manual int.

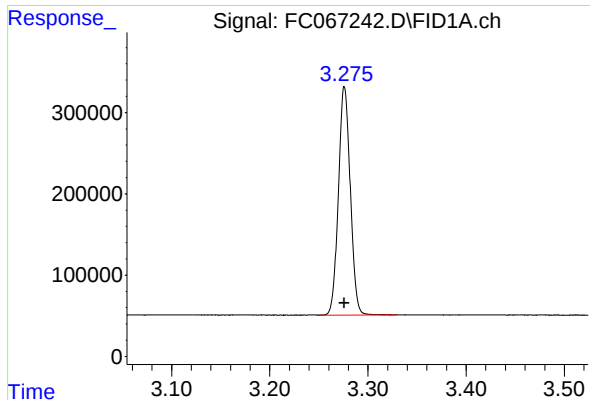
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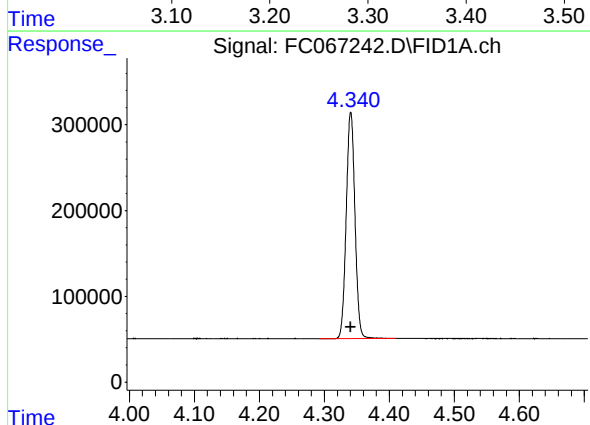




#1 n-Nonane (C9)

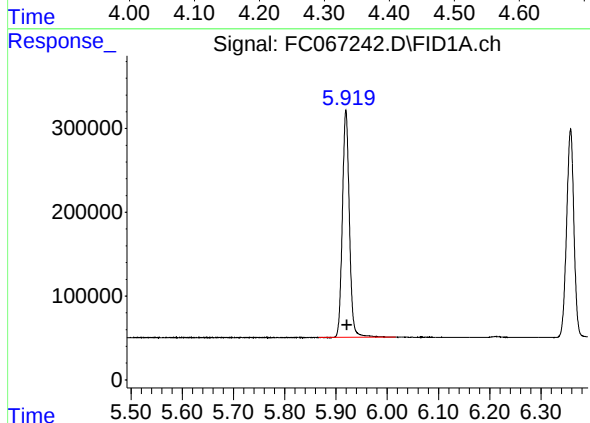
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 2365057
Conc: 17.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



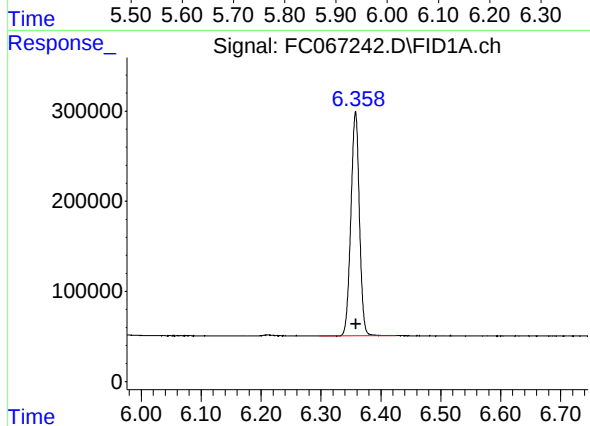
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 2465752
Conc: 18.36 ug/ml



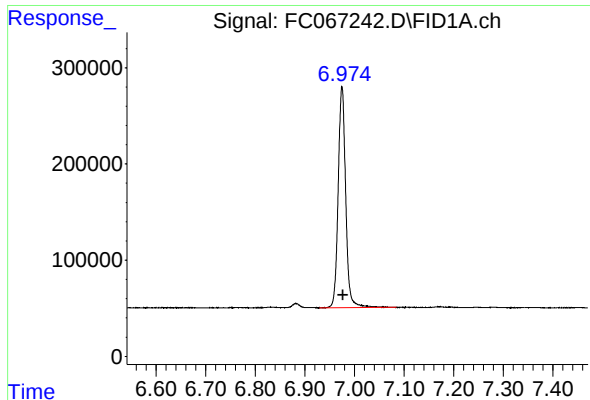
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 2576383
Conc: 18.13 ug/ml



#4 n-Dodecane (C12)

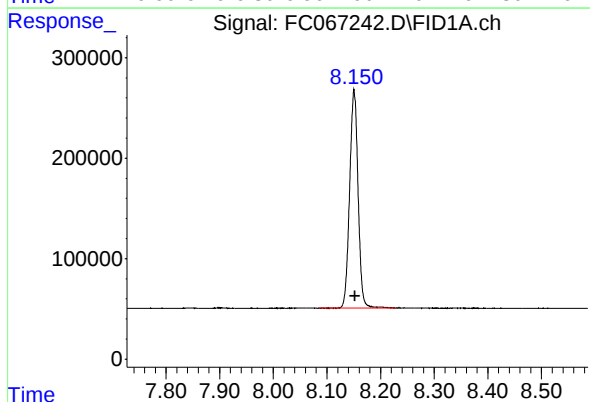
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 2458927
Conc: 18.37 ug/ml



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

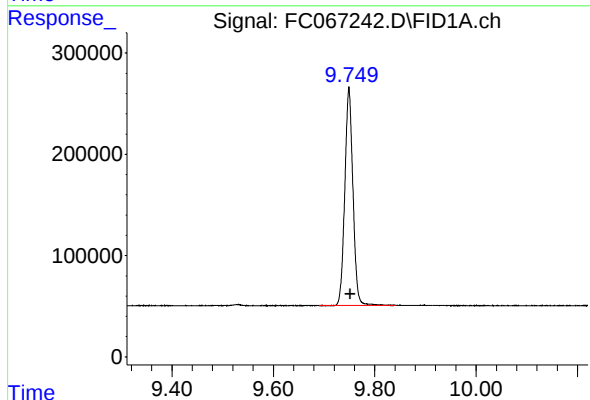
R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 2422265
Conc: 18.14 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



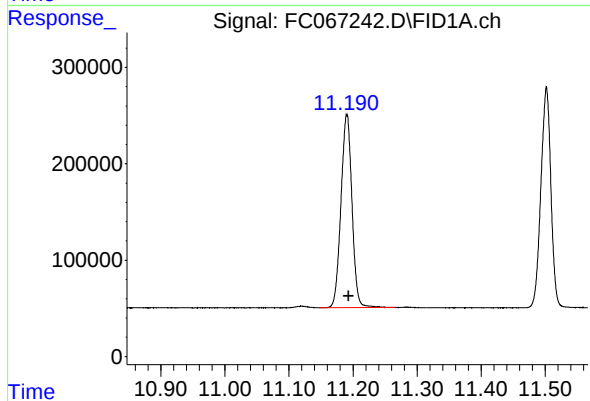
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: -0.001 min
Response: 2377782
Conc: 18.45 ug/ml



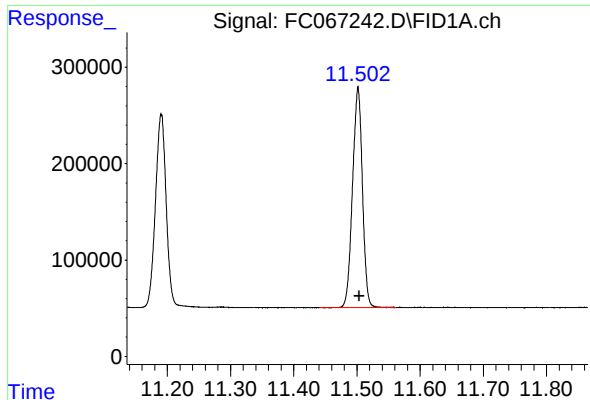
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: -0.003 min
Response: 2393711
Conc: 18.57 ug/ml



#8 n-Octadecane (C18)

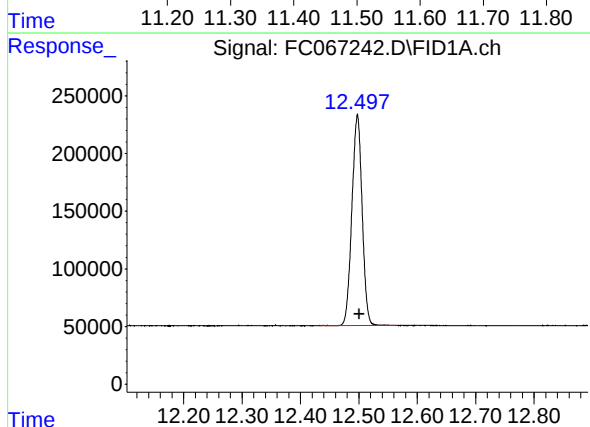
R.T.: 11.190 min
Delta R.T.: -0.002 min
Response: 2378179
Conc: 18.59 ug/ml



#9 ortho-Terphenyl (SURR)

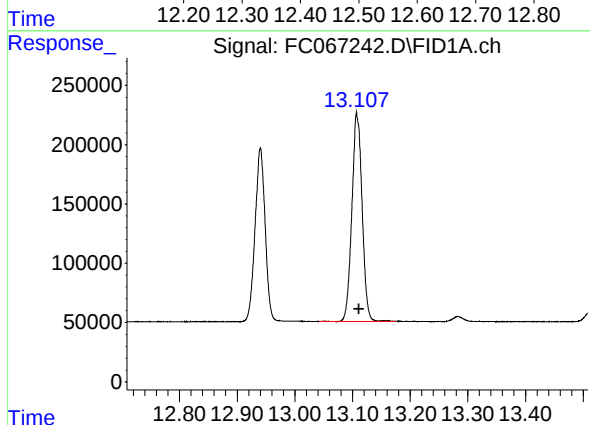
R.T.: 11.502 min
Delta R.T.: -0.002 min
Response: 2485728
Conc: 17.85 ug/ml

Instrument :
FID_C
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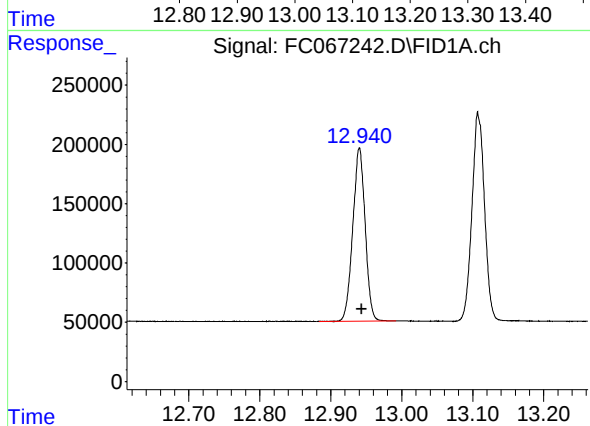
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.003 min
Response: 2226082
Conc: 18.53 ug/ml



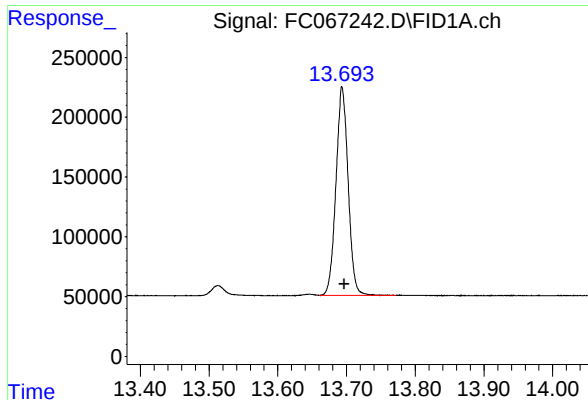
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.004 min
Response: 2164920
Conc: 18.54 ug/ml



#12 1-chlorooctadecane (SURR)

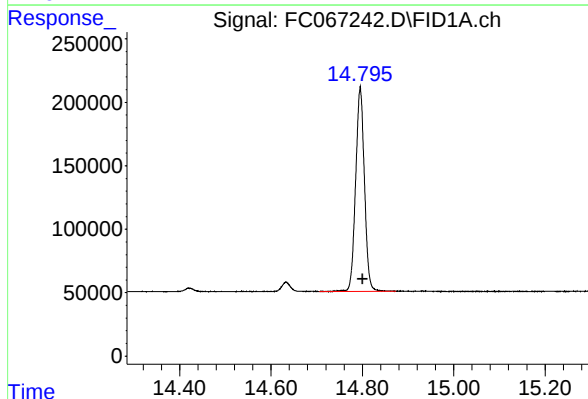
R.T.: 12.940 min
Delta R.T.: -0.003 min
Response: 1767793
Conc: 18.10 ug/ml



#13 n-Docosane (C22)

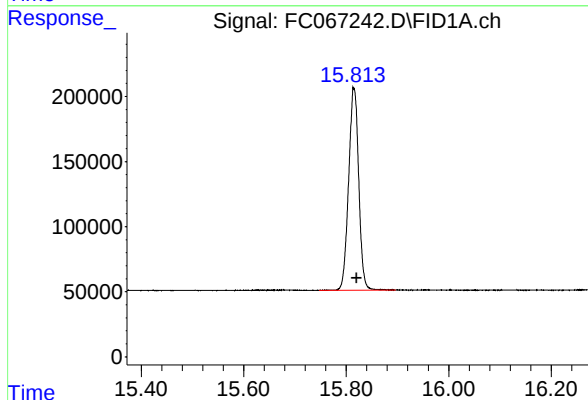
R.T.: 13.694 min
Delta R.T.: -0.003 min
Response: 2147700
Conc: 18.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



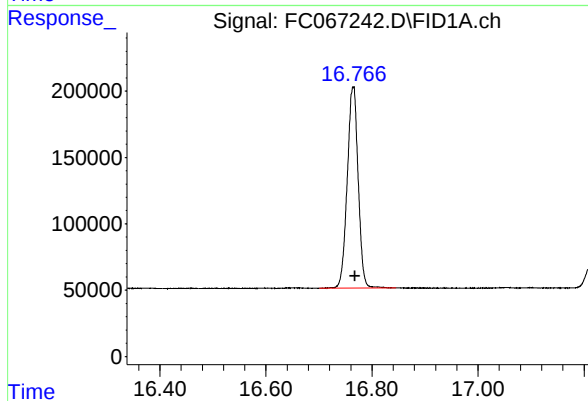
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.005 min
Response: 2150621
Conc: 18.94 ug/ml



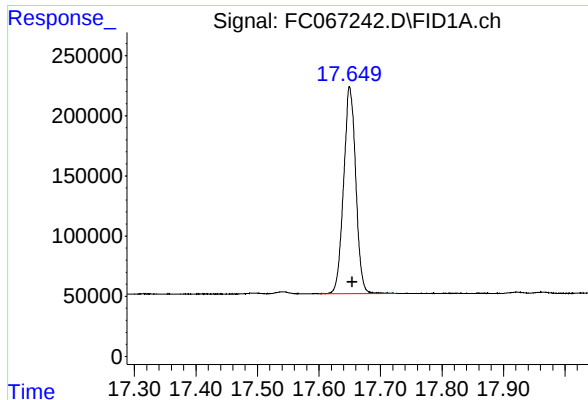
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: -0.005 min
Response: 2124963
Conc: 19.17 ug/ml



#16 n-Octacosane (C28)

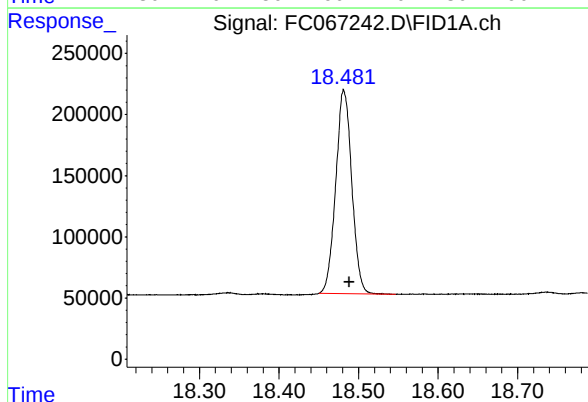
R.T.: 16.764 min
Delta R.T.: -0.004 min
Response: 2175466
Conc: 20.14 ug/ml



#17 n-Tricontane (C30)

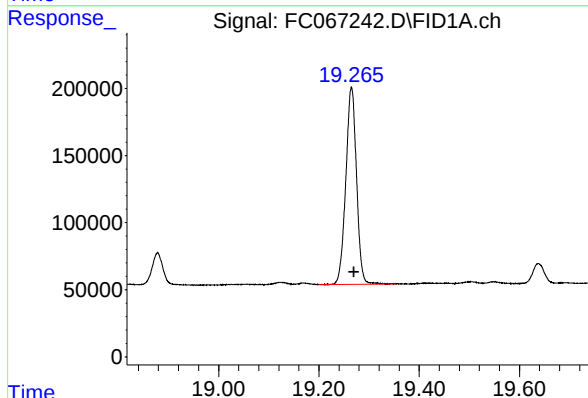
R.T.: 17.650 min
Delta R.T.: -0.004 min
Response: 2353907
Conc: 21.64 ug/ml

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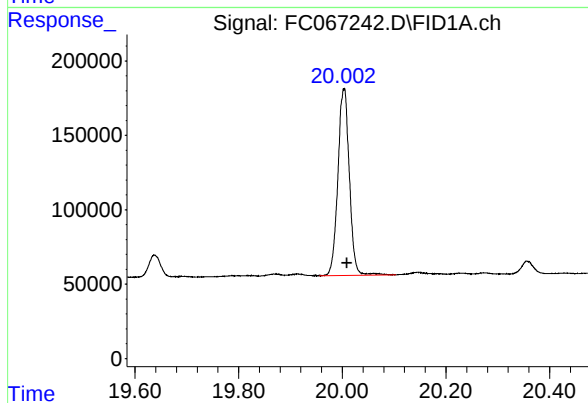
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.007 min
Response: 2336005
Conc: 22.40 ug/ml



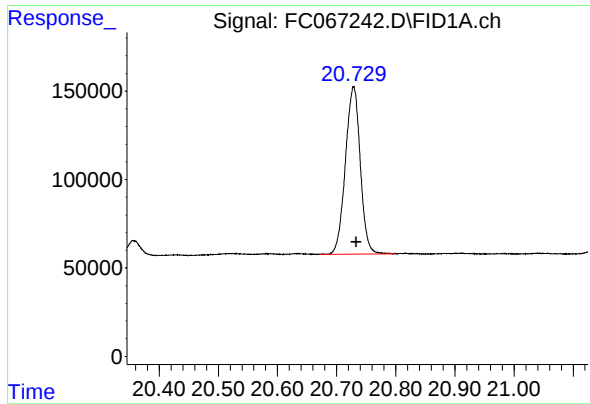
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.005 min
Response: 2173117
Conc: 23.55 ug/ml



#20 n-Hexatriacontane (C36)

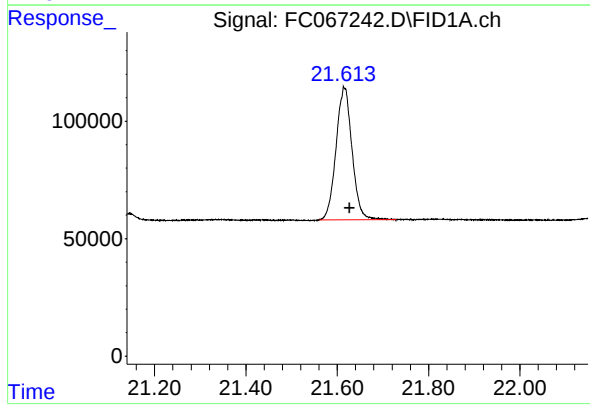
R.T.: 20.003 min
Delta R.T.: -0.006 min
Response: 1926511
Conc: 24.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.005 min
Response: 1652842
Conc: 22.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.011 min
Response: 1370943
Conc: 19.62 ug/ml