

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092024AL\
 Data File : FC067228.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2024 11:18
 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: Sep 23 02:21:55 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)	11.501	2604335	18.703 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
12) S 1-chlorooctadecane (S...	12.941	1926555	19.722 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
Target Compounds			
1) T n-Nonane (C9)	3.276	2429222	18.313 ug/ml
2) T n-Decane (C10)	4.341	2499766	18.612 ug/ml
3) T A~Naphthalene (C11.7)	5.920	2625782	18.475 ug/ml
4) T n-Dodecane (C12)	6.358	2505837	18.720 ug/ml
5) T A~2-methylnaphthalene...	6.975	2488697	18.637 ug/ml
6) T n-Tetradecane (C14)	8.151	2441134	18.942 ug/ml
7) T n-Hexadecane (C16)	9.750	2473897	19.189 ug/ml
8) T n-Octadecane (C18)	11.190	2471558	19.318 ug/ml
10) T n-Eicosane (C20)	12.498	2314848	19.272 ug/ml
11) T n-Heneicosane (C21)	13.110	2255465	19.312 ug/ml
13) T n-Docosane (C22)	13.696	2232868	19.339 ug/ml
14) T n-Tetracosane (C24)	14.797	2213203	19.489 ug/ml
15) T n-Hexacosane (C26)	15.817	2153716	19.433 ug/ml
16) T n-Octacosane (C28)	16.766	2159884	19.995 ug/ml
17) T n-Tricontane (C30)	17.651	2309802	21.235 ug/ml
18) T n-Dotriacontane (C32)	18.483	2267570	21.740 ug/ml
19) T n-Tetratriacontane (C34)	19.265	2035140	22.059 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1718643	21.687 ug/ml
21) T n-Octatriacontane (C38)	20.728	1571120	20.916 ug/ml
22) T n-Tetracontane (C40)	21.615	1454192	20.814 ug/ml

(f)=RT Delta > 1/2 Window

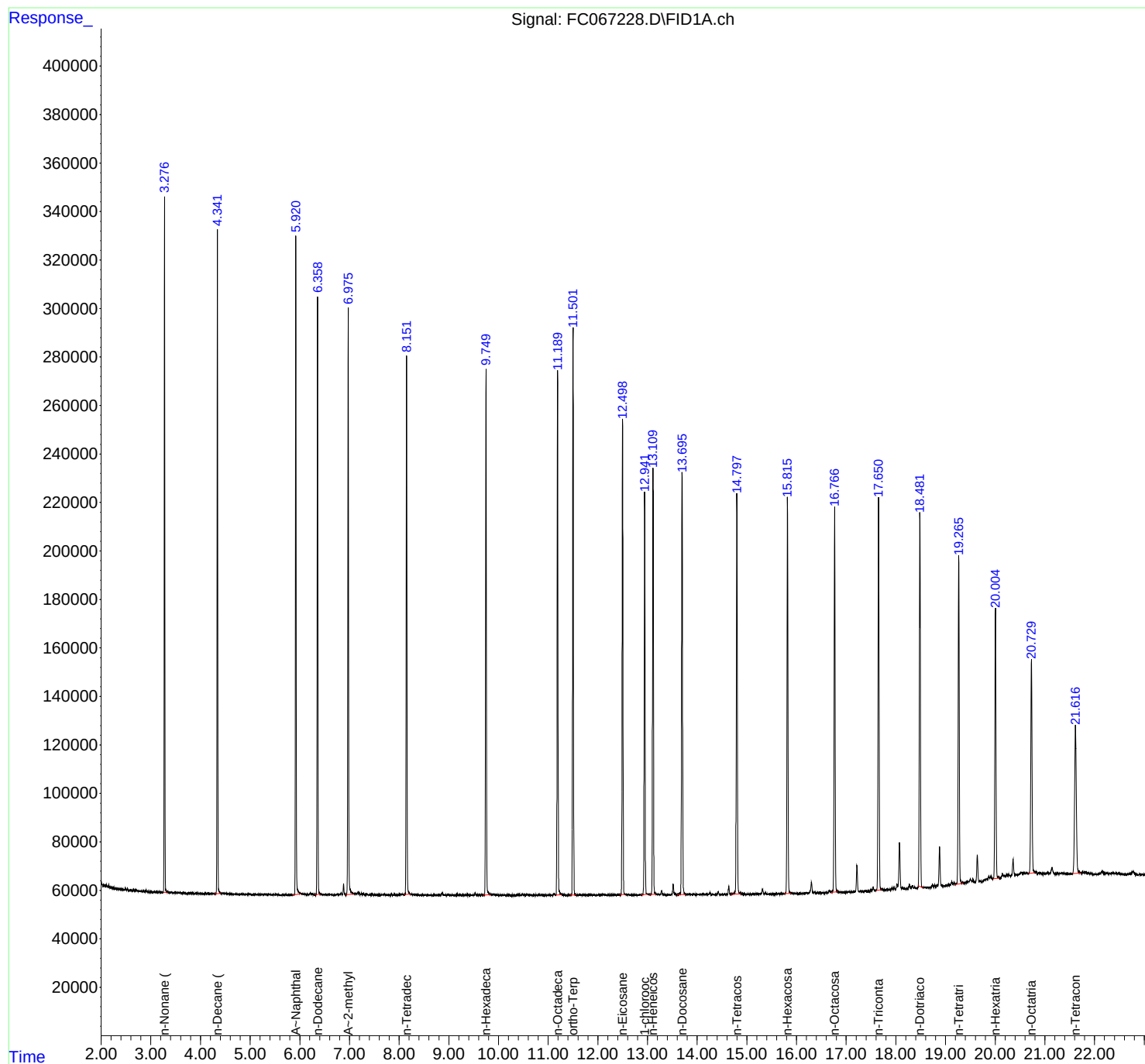
(m)=manual int.

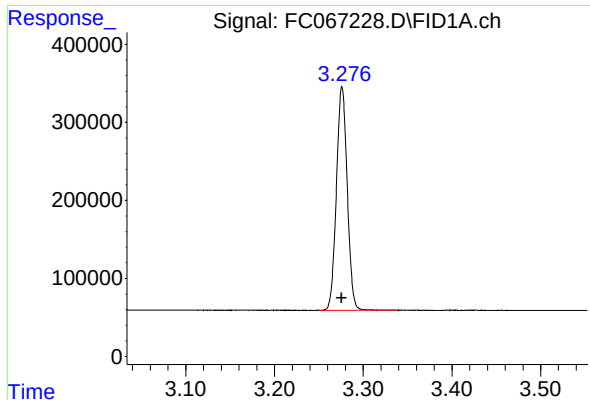
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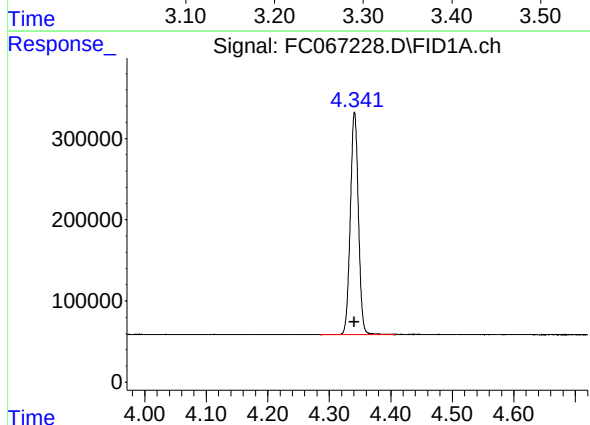




#1 n-Nonane (C9)

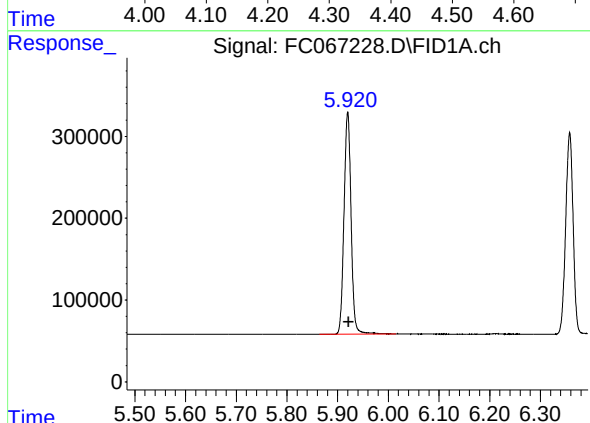
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 2429222
Conc: 18.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



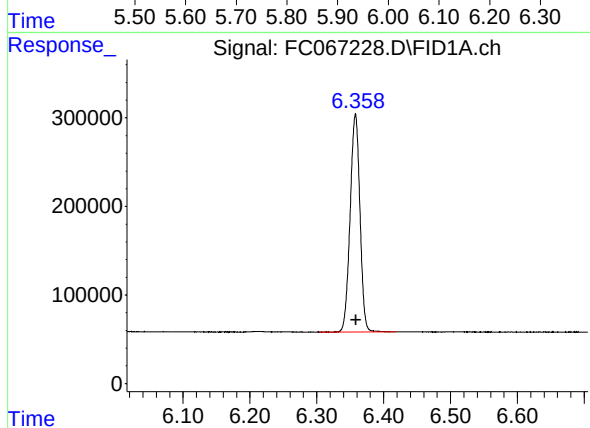
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 2499766
Conc: 18.61 ug/ml



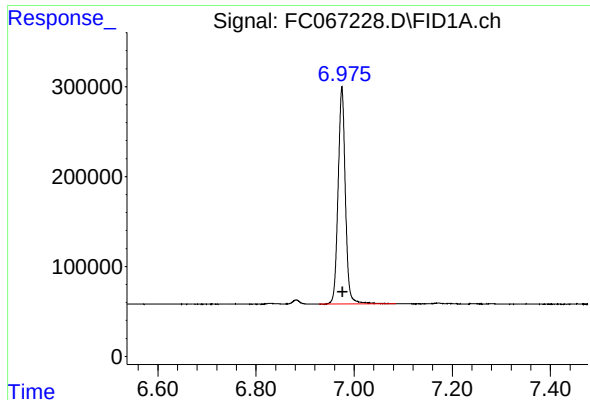
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 2625782
Conc: 18.48 ug/ml



#4 n-Dodecane (C12)

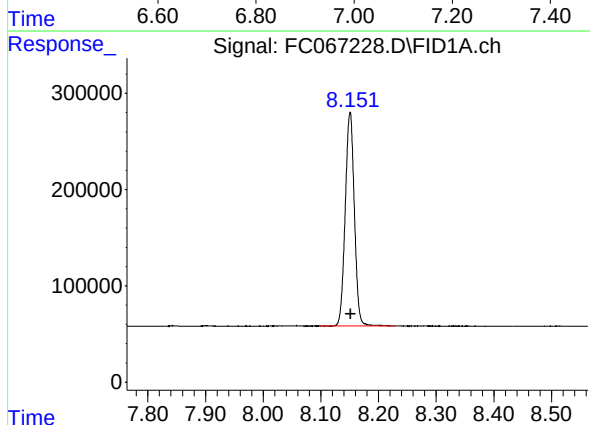
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 2505837
Conc: 18.72 ug/ml



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

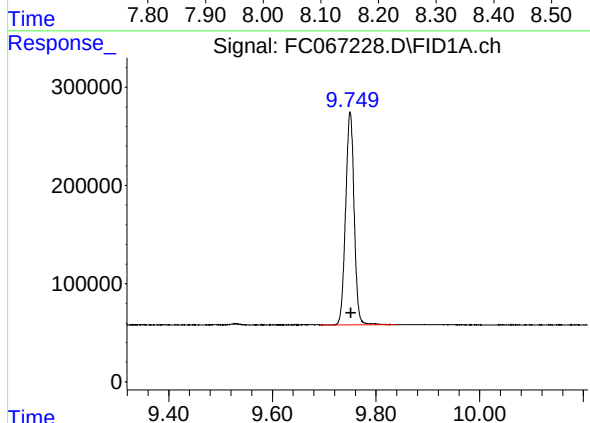
R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 2488697
Conc: 18.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



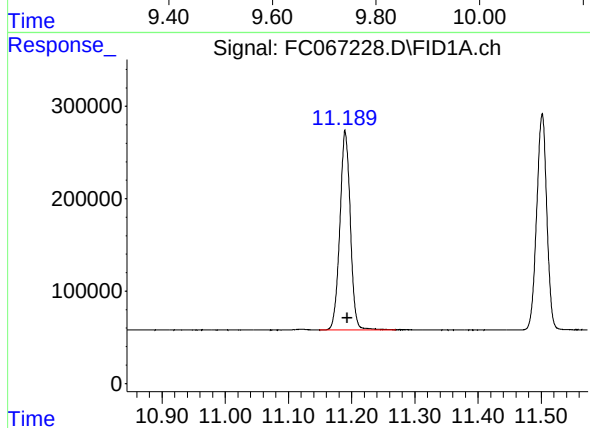
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: -0.001 min
Response: 2441134
Conc: 18.94 ug/ml



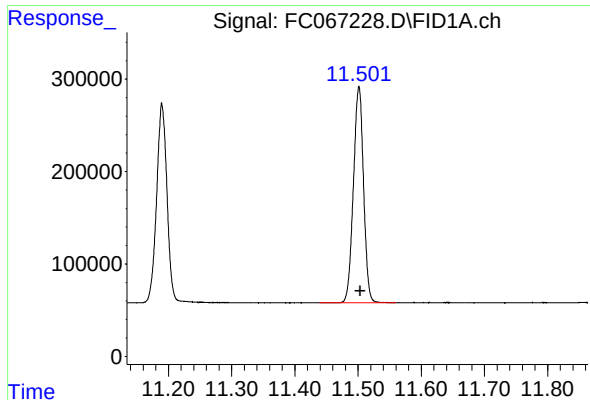
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.002 min
Response: 2473897
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

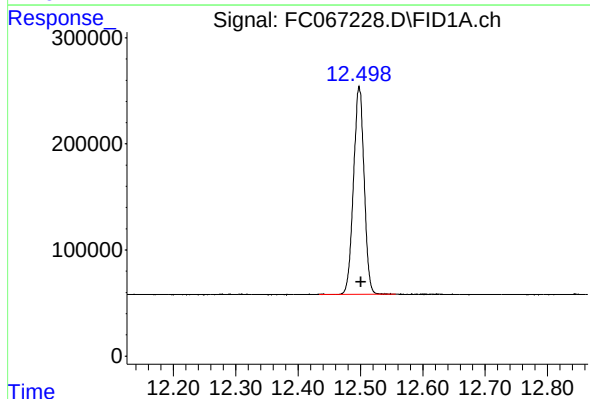
R.T.: 11.190 min
Delta R.T.: -0.003 min
Response: 2471558
Conc: 19.32 ug/ml



#9 ortho-Terphenyl (SURR)

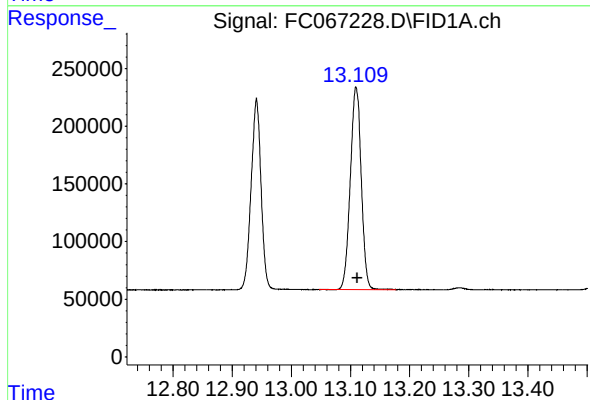
R.T.: 11.501 min
Delta R.T.: -0.003 min
Response: 2604335
Conc: 18.70 ug/ml

Instrument :
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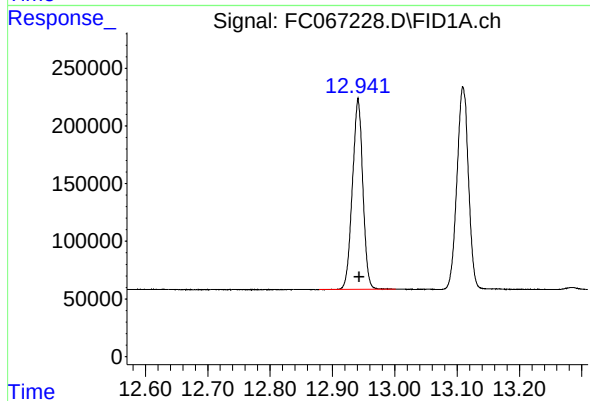
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.003 min
Response: 2314848
Conc: 19.27 ug/ml



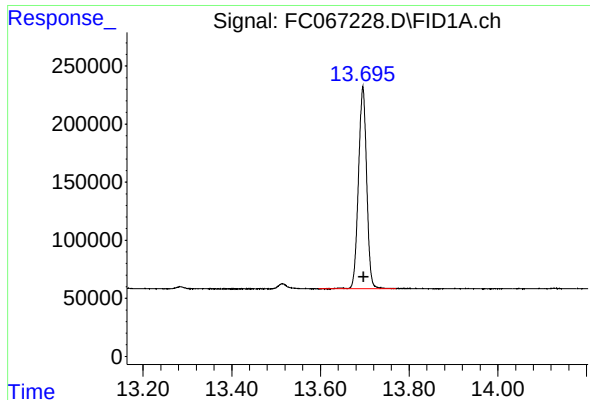
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.002 min
Response: 2255465
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

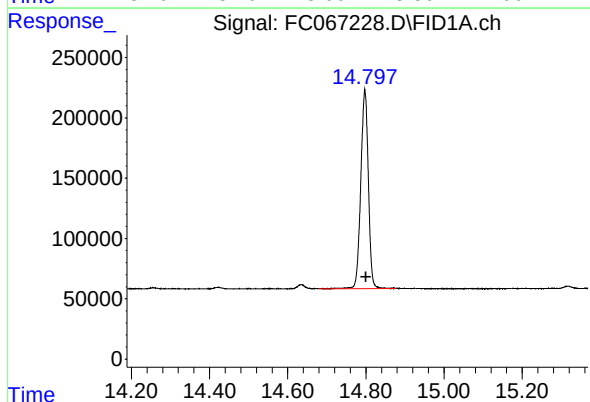
R.T.: 12.941 min
Delta R.T.: -0.002 min
Response: 1926555
Conc: 19.72 ug/ml



#13 n-Docosane (C22)

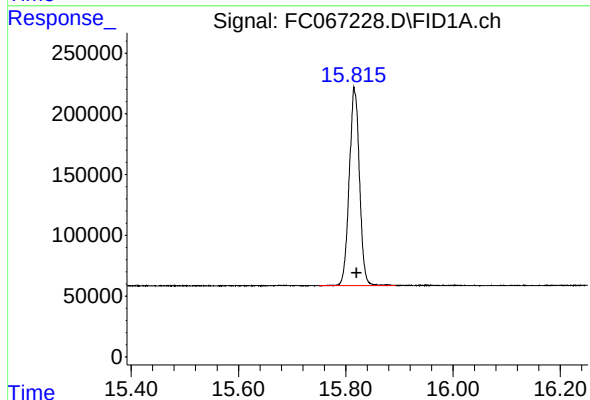
R.T.: 13.696 min
Delta R.T.: -0.002 min
Response: 2232868
Conc: 19.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



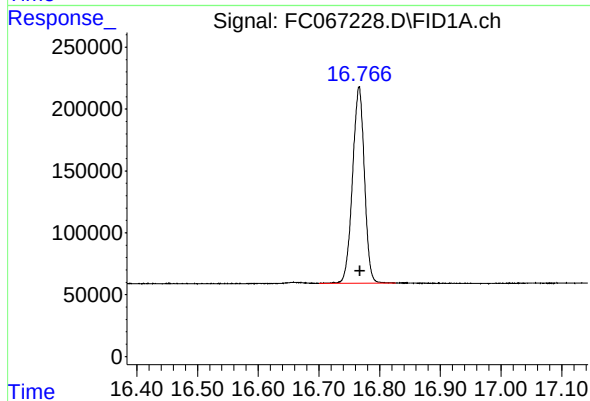
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.003 min
Response: 2213203
Conc: 19.49 ug/ml



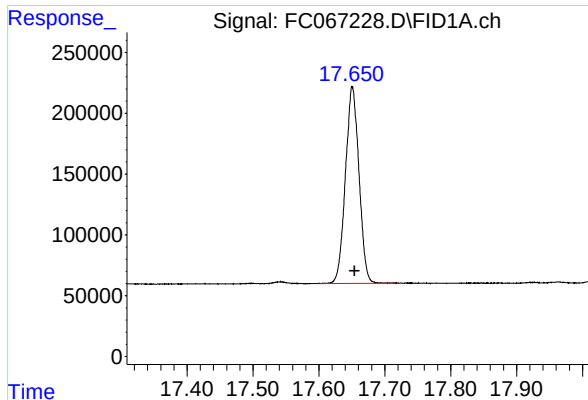
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: -0.004 min
Response: 2153716
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

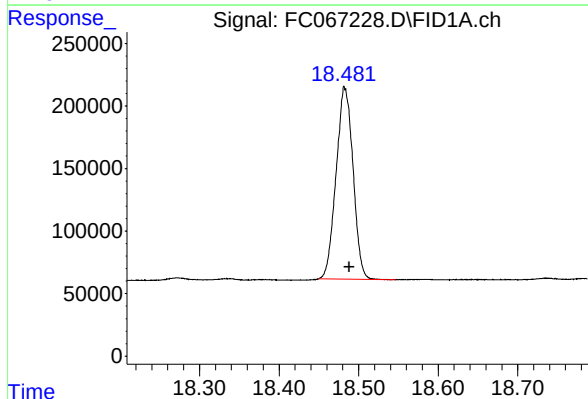
R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 2159884
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

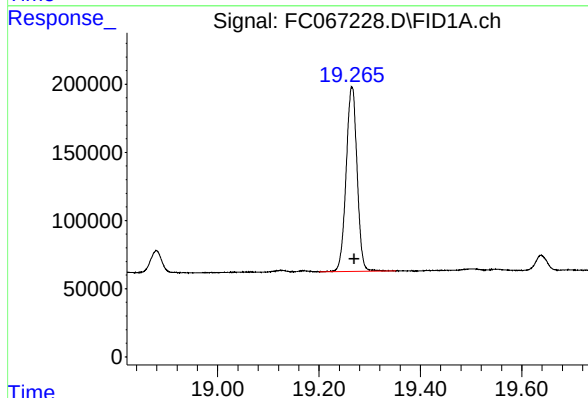
R.T.: 17.651 min
Delta R.T.: -0.003 min
Response: 2309802
Conc: 21.23 ug/ml

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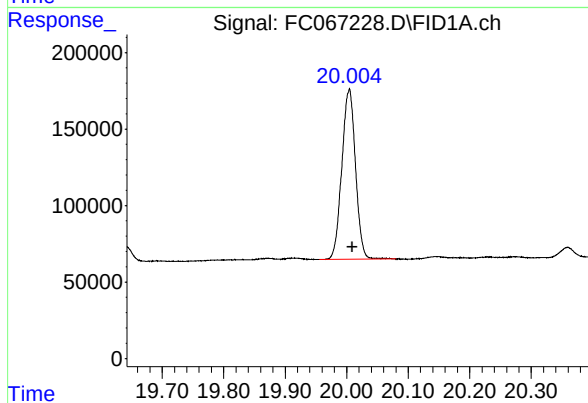
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: -0.005 min
Response: 2267570
Conc: 21.74 ug/ml



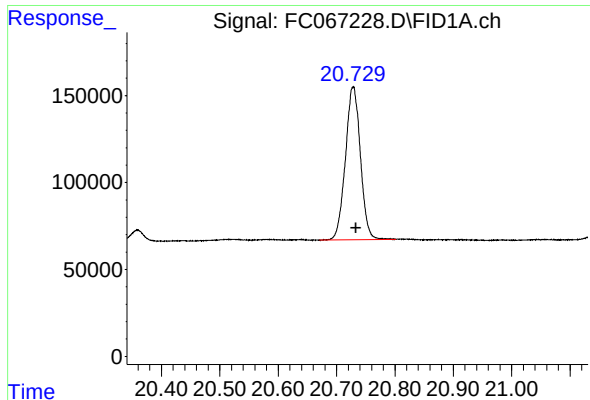
#19 n-Tetatriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.005 min
Response: 2035140
Conc: 22.06 ug/ml



#20 n-Hexatriacontane (C36)

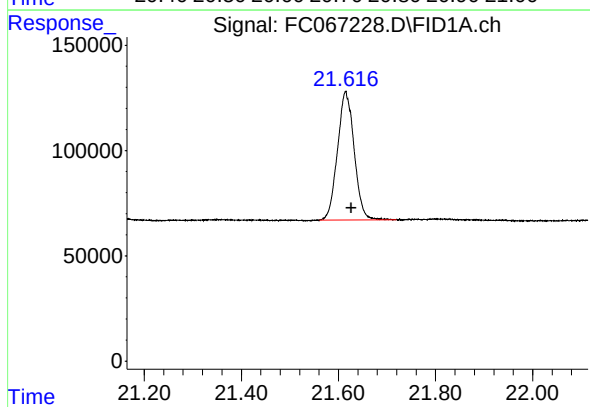
R.T.: 20.004 min
Delta R.T.: -0.005 min
Response: 1718643
Conc: 21.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.005 min
Response: 1571120
Conc: 20.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: -0.012 min
Response: 1454192
Conc: 20.81 ug/ml