

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092324AL\
 Data File : FC067237.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2024 13:57
 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 01:29:35 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	2617232	18.796 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	12.941	1821798	18.650 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
Target Compounds			
1) T n-Nonane (C9)	3.277	2492976	18.794 ug/ml
2) T n-Decane (C10)	4.341	2600523	19.362 ug/ml
3) T A~Naphthalene (C11.7)	5.919	2712146	19.083 ug/ml
4) T n-Dodecane (C12)	6.357	2598588	19.413 ug/ml
5) T A~2-methylnaphthalene...	6.975	2550014	19.096 ug/ml
6) T n-Tetradecane (C14)	8.151	2519616	19.551 ug/ml
7) T n-Hexadecane (C16)	9.750	2530689	19.629 ug/ml
8) T n-Octadecane (C18)	11.190	2516932	19.672 ug/ml
10) T n-Eicosane (C20)	12.498	2353843	19.597 ug/ml
11) T n-Heneicosane (C21)	13.109	2283200	19.549 ug/ml
13) T n-Docosane (C22)	13.695	2261344	19.586 ug/ml
14) T n-Tetracosane (C24)	14.795	2261525	19.915 ug/ml
15) T n-Hexacosane (C26)	15.817	2223429	20.062 ug/ml
16) T n-Octacosane (C28)	16.765	2269505	21.010 ug/ml
17) T n-Tricontane (C30)	17.651	2420537	22.253 ug/ml
18) T n-Dotriacontane (C32)	18.483	2387284	22.887 ug/ml
19) T n-Tetratriacontane (C34)	19.266	2221569	24.080 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1937344	24.447 ug/ml
21) T n-Octatriacontane (C38)	20.728	1640591	21.841 ug/ml
22) T n-Tetracontane (C40)	21.615	1320579	18.902 ug/ml

(f)=RT Delta > 1/2 Window

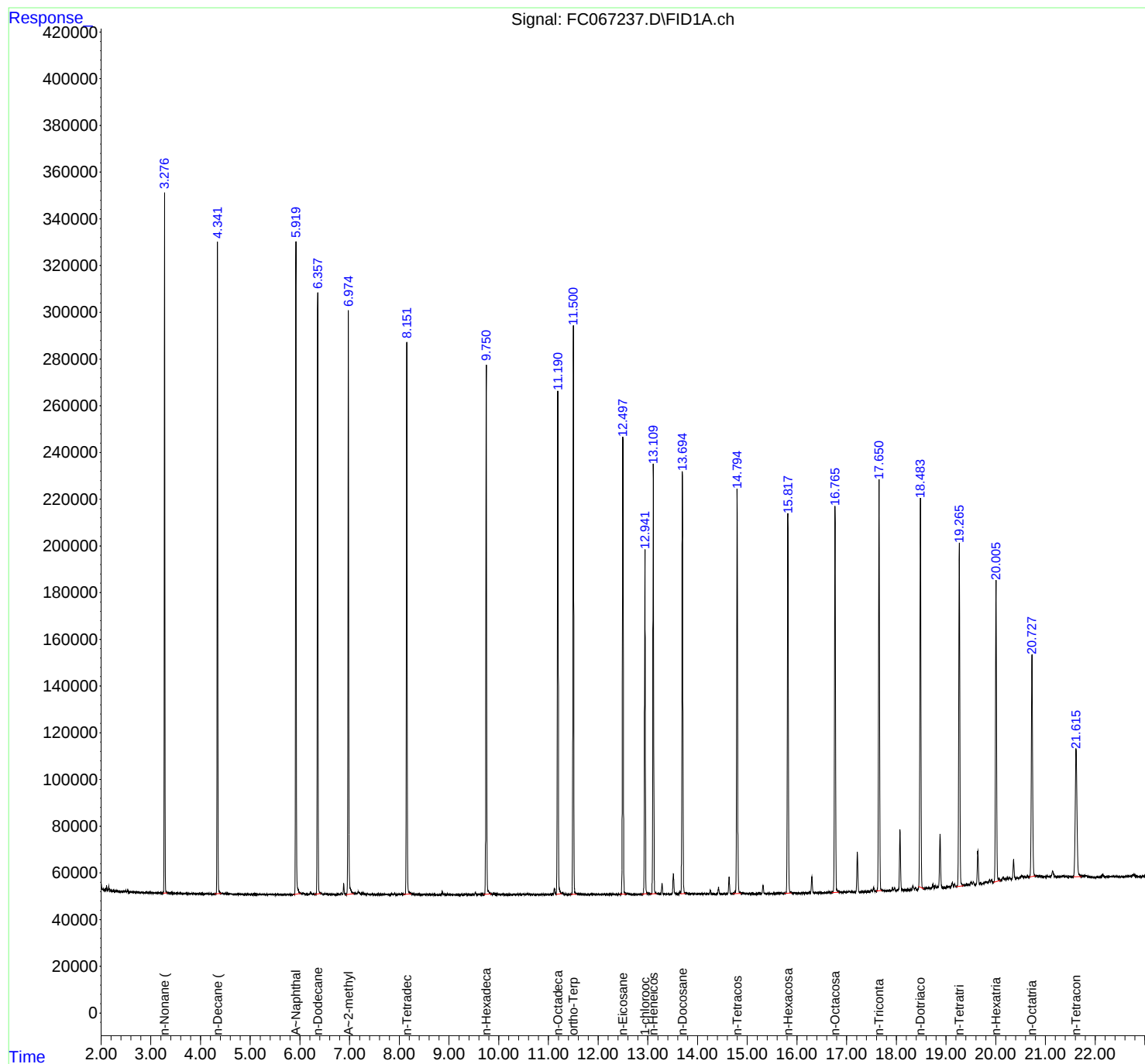
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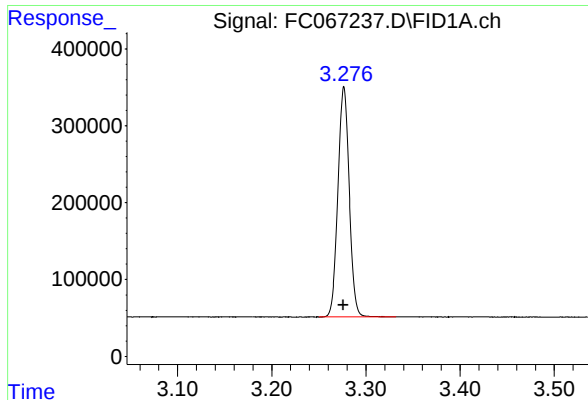
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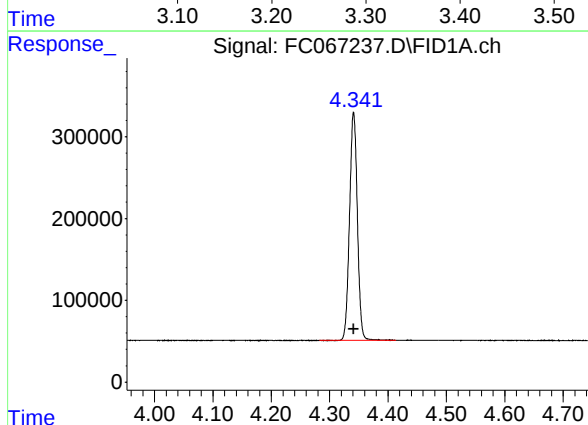




#1 n-Nonane (C9)

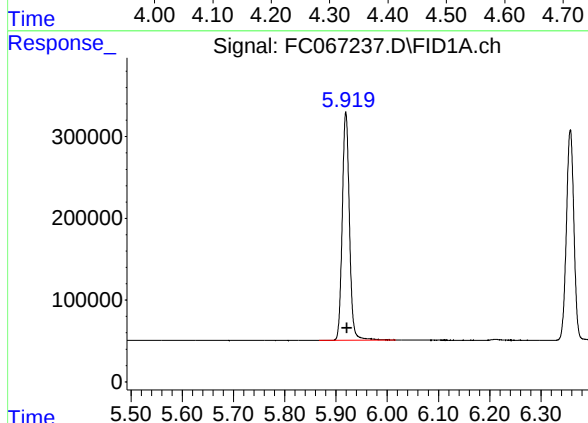
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 2492976
Conc: 18.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



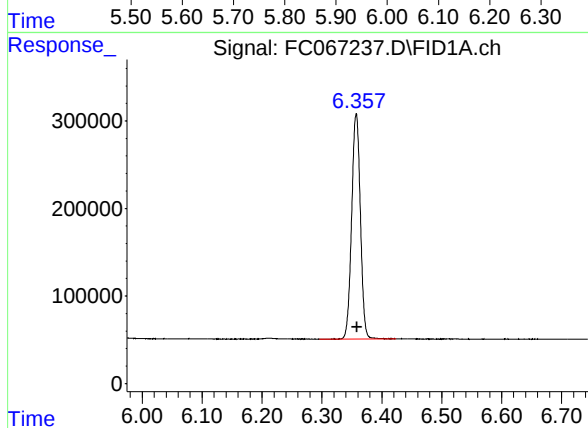
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 2600523
Conc: 19.36 ug/ml



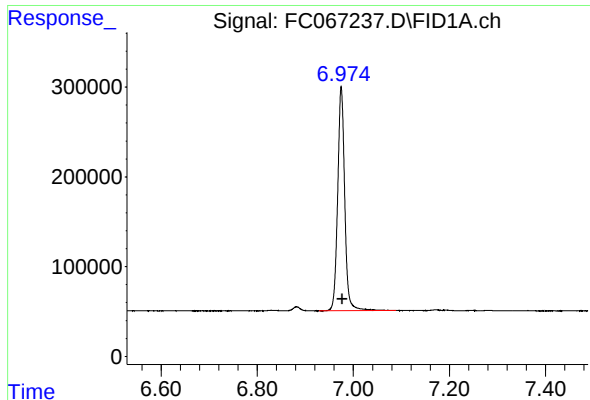
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 2712146
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

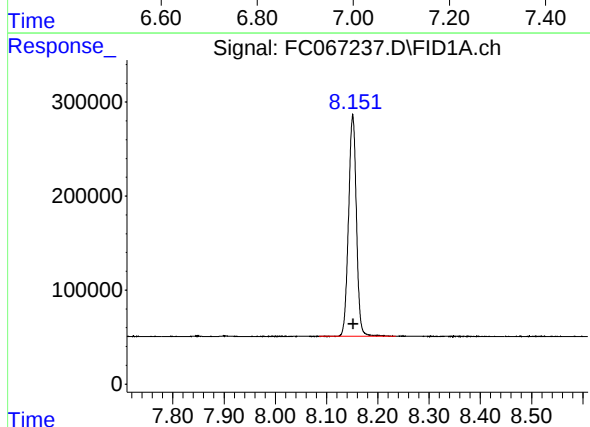
R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 2598588
Conc: 19.41 ug/ml



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

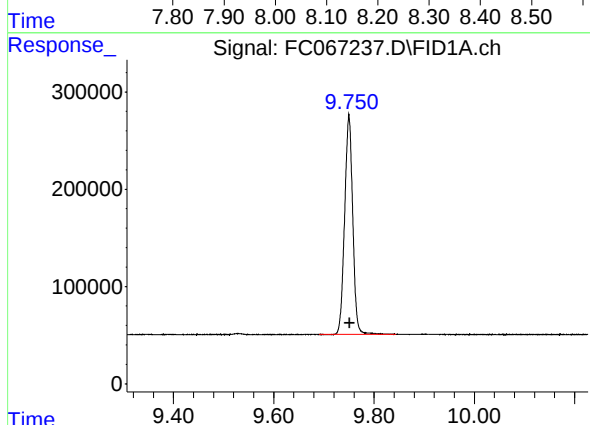
R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 2550014
Conc: 19.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



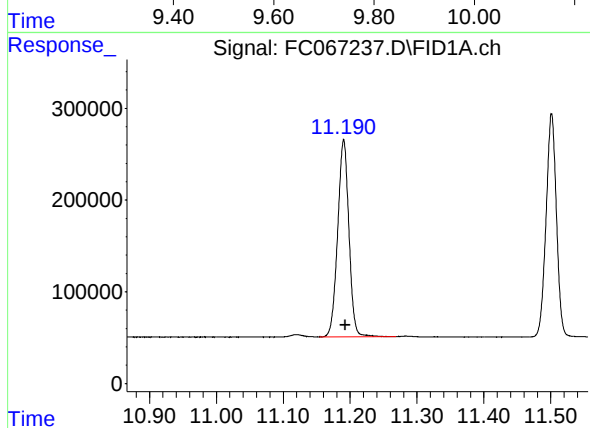
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 2519616
Conc: 19.55 ug/ml



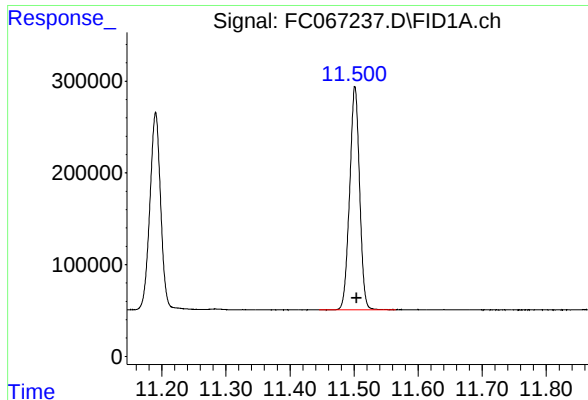
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.002 min
Response: 2530689
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

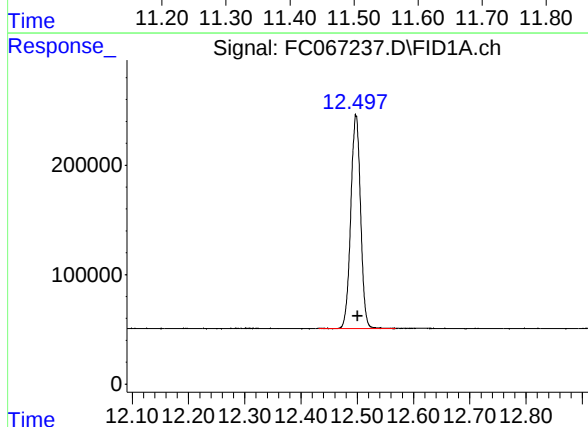
R.T.: 11.190 min
Delta R.T.: -0.002 min
Response: 2516932
Conc: 19.67 ug/ml



#9 ortho-Terphenyl (SURR)

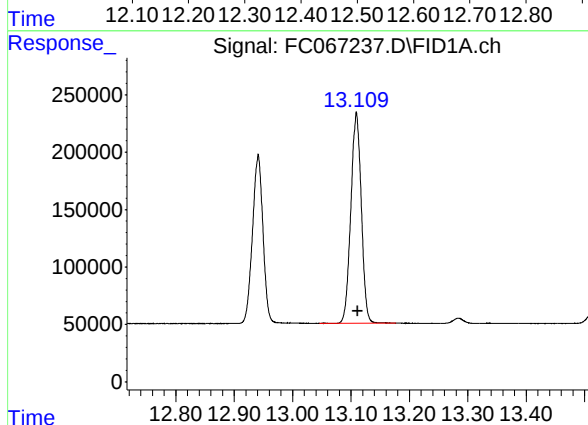
R.T.: 11.501 min
Delta R.T.: -0.003 min
Response: 2617232
Conc: 18.80 ug/ml

Instrument :
FID_C
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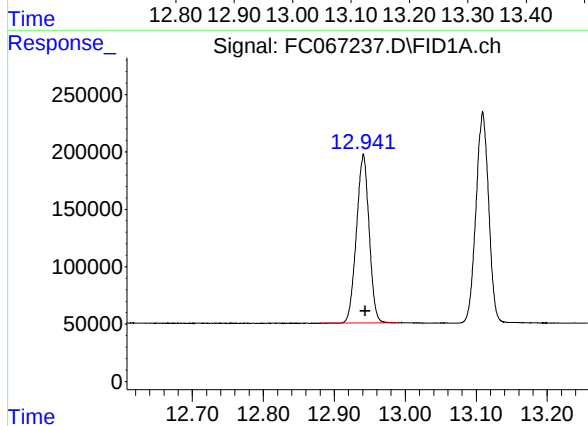
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.003 min
Response: 2353843
Conc: 19.60 ug/ml



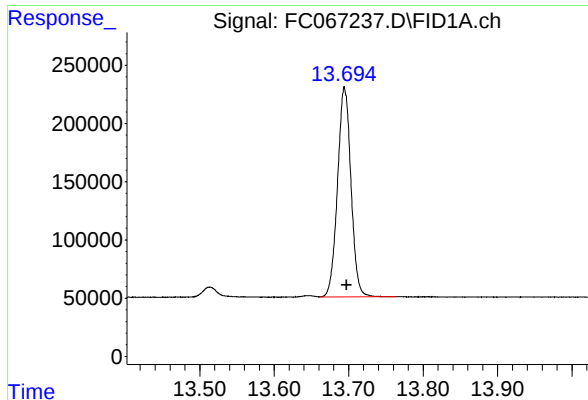
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.003 min
Response: 2283200
Conc: 19.55 ug/ml



#12 1-chlorooctadecane (SURR)

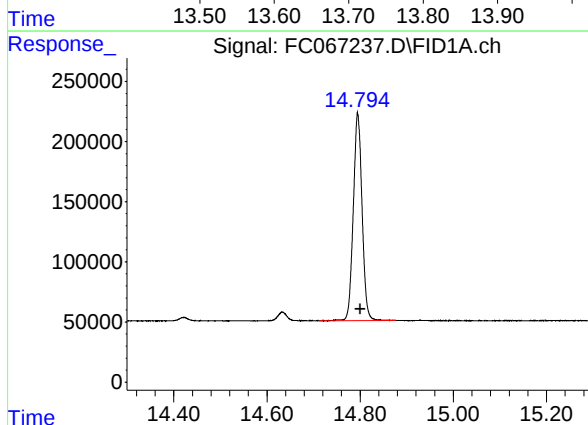
R.T.: 12.941 min
Delta R.T.: -0.003 min
Response: 1821798
Conc: 18.65 ug/ml



#13 n-Docosane (C22)

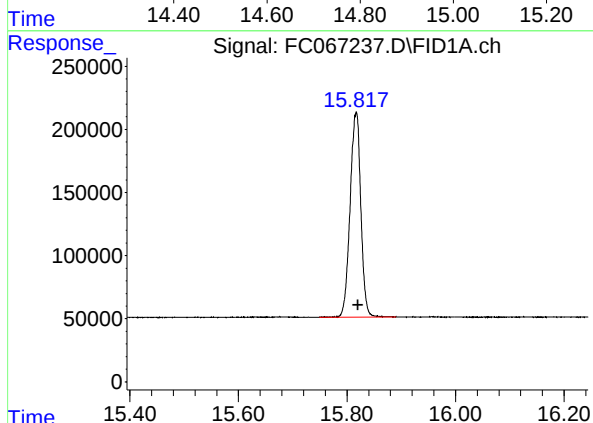
R.T.: 13.695 min
Delta R.T.: -0.003 min
Response: 2261344
Conc: 19.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



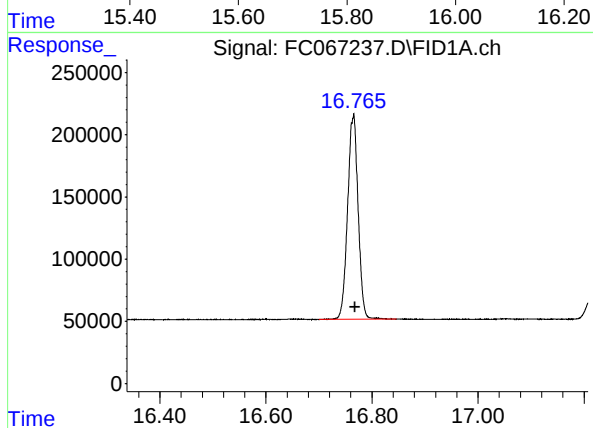
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.006 min
Response: 2261525
Conc: 19.91 ug/ml



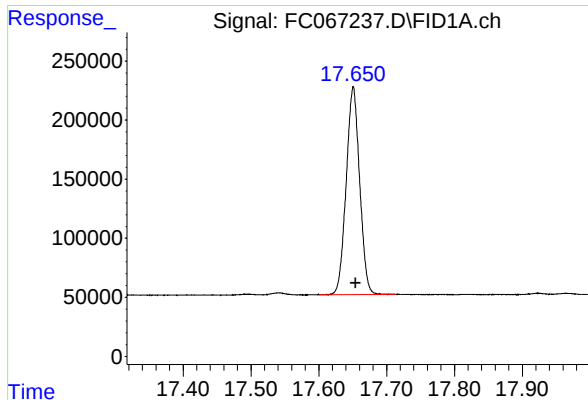
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: -0.004 min
Response: 2223429
Conc: 20.06 ug/ml



#16 n-Octacosane (C28)

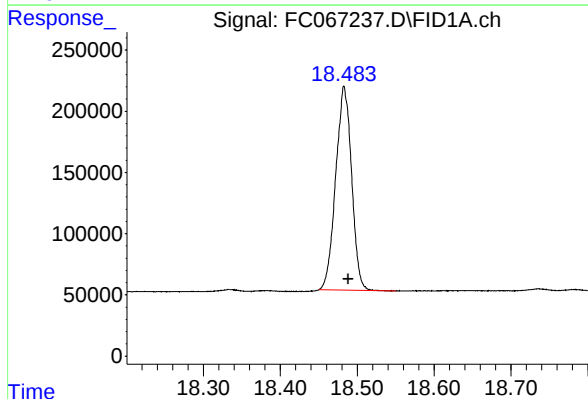
R.T.: 16.765 min
Delta R.T.: -0.003 min
Response: 2269505
Conc: 21.01 ug/ml



#17 n-Tricontane (C30)

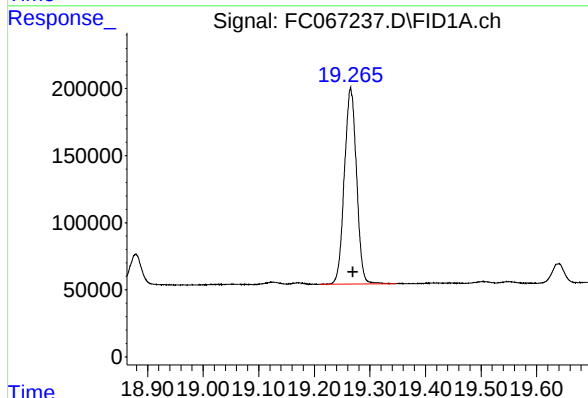
R.T.: 17.651 min
Delta R.T.: -0.004 min
Response: 2420537
Conc: 22.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



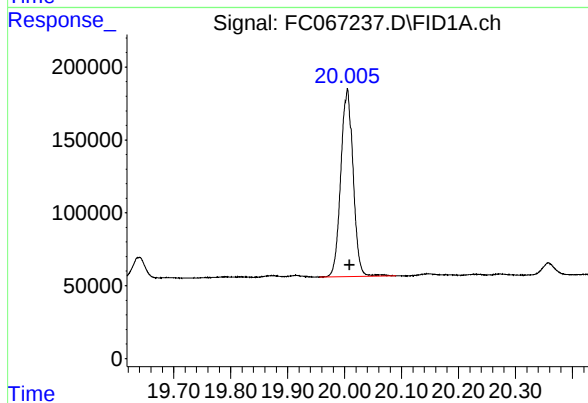
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: -0.005 min
Response: 2387284
Conc: 22.89 ug/ml



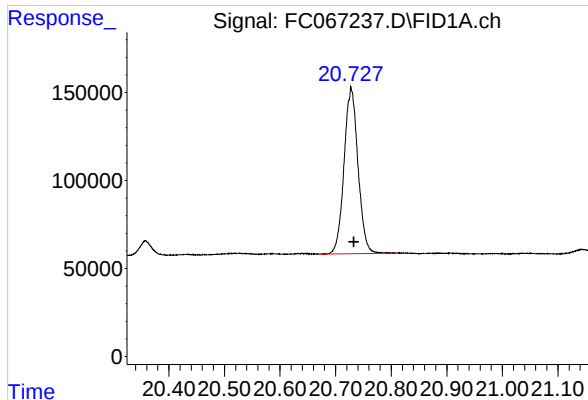
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.004 min
Response: 2221569
Conc: 24.08 ug/ml



#20 n-Hexatriacontane (C36)

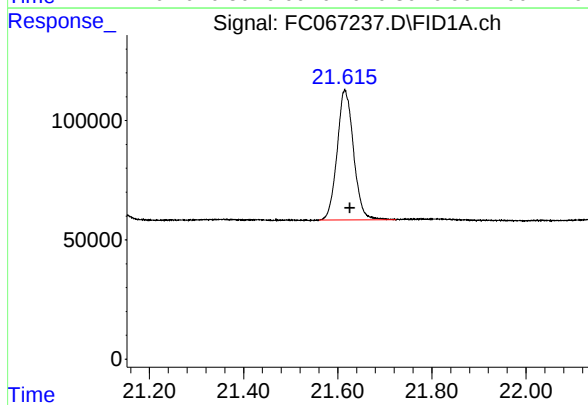
R.T.: 20.004 min
Delta R.T.: -0.005 min
Response: 1937344
Conc: 24.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.005 min
Response: 1640591
Conc: 21.84 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: -0.012 min
Response: 1320579
Conc: 18.90 ug/ml