

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110424AL\
 Data File : FC067603.D
 Signal(s) : FID1A.ch
 Acq On : 04 Nov 2024 10:28
 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: Nov 05 03:43:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.488	2501346	17.047 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
12) S 1-chlorooctadecane (S...	12.926	1823015	16.882 ug/ml
Spiked Amount 50.000		Recovery =	33.76%
Target Compounds			
1) T n-Nonane (C9)	3.271	2157848	16.017 ug/ml
2) T n-Decane (C10)	4.335	2270886	16.668 ug/ml
3) T A~Naphthalene (C11.7)	5.912	2464414	16.630 ug/ml
4) T n-Dodecane (C12)	6.349	2288329	16.895 ug/ml
5) T A~2-methylnaphthalene...	6.966	2355629	16.680 ug/ml
6) T n-Tetradecane (C14)	8.141	2245109	17.104 ug/ml
7) T n-Hexadecane (C16)	9.738	2297682	17.393 ug/ml
8) T n-Octadecane (C18)	11.178	2319783	17.559 ug/ml
10) T n-Eicosane (C20)	12.484	2223355	17.621 ug/ml
11) T n-Heneicosane (C21)	13.096	2162548	17.523 ug/ml
13) T n-Docosane (C22)	13.680	2210929	18.056 ug/ml
14) T n-Tetracosane (C24)	14.782	2306350	19.028 ug/ml
15) T n-Hexacosane (C26)	15.800	2399067	20.151 ug/ml
16) T n-Octacosane (C28)	16.747	2518198	21.405 ug/ml
17) T n-Tricontane (C30)	17.634	2715311	22.464 ug/ml
18) T n-Dotriacontane (C32)	18.465	2701244	22.830 ug/ml
19) T n-Tetratriacontane (C34)	19.246	2235731	21.348 ug/ml
20) T n-Hexatriacontane (C36)	19.984	1772520	19.472 ug/ml
21) T n-Octatriacontane (C38)	20.705	1560074	18.014 ug/ml
22) T n-Tetracontane (C40)	21.585	1407066	16.552 ug/ml

(f)=RT Delta > 1/2 Window

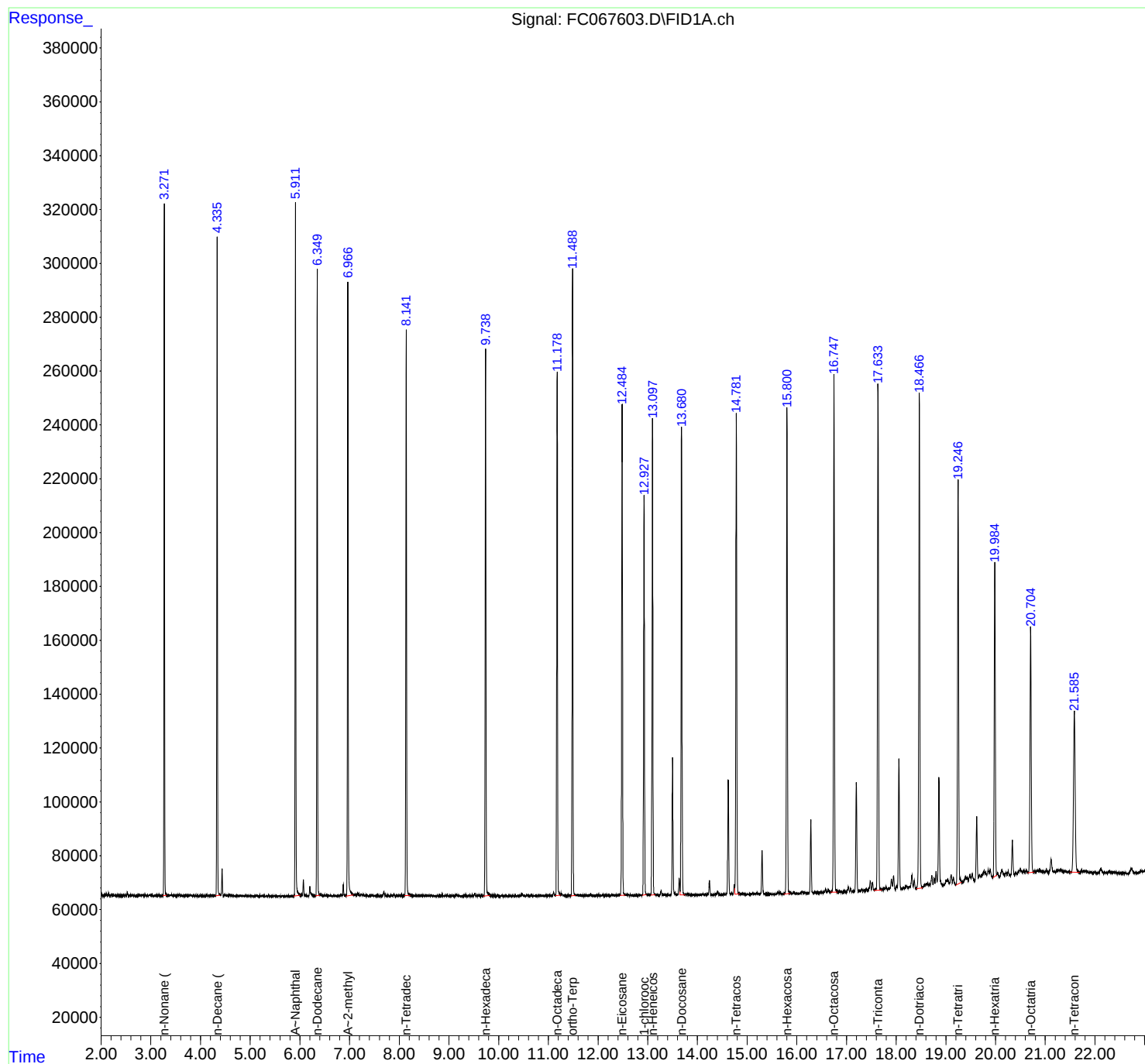
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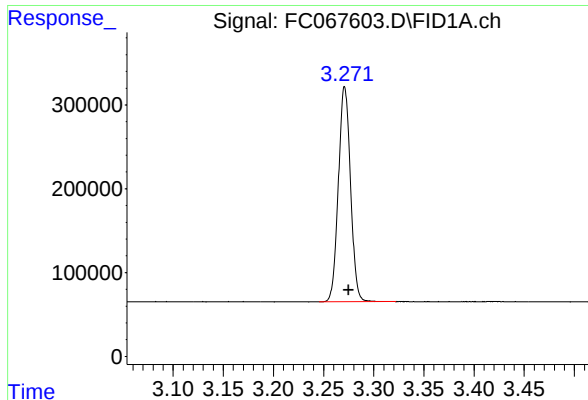
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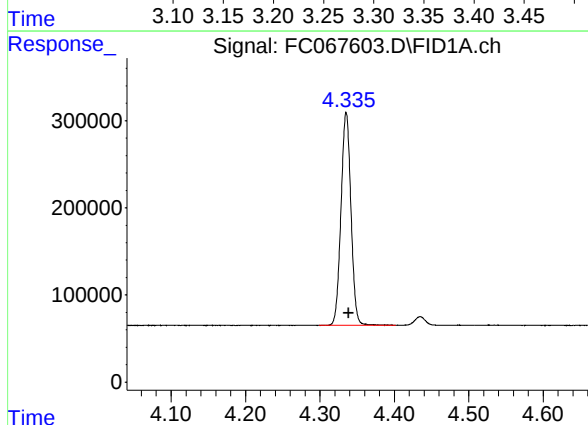




#1 n-Nonane (C9)

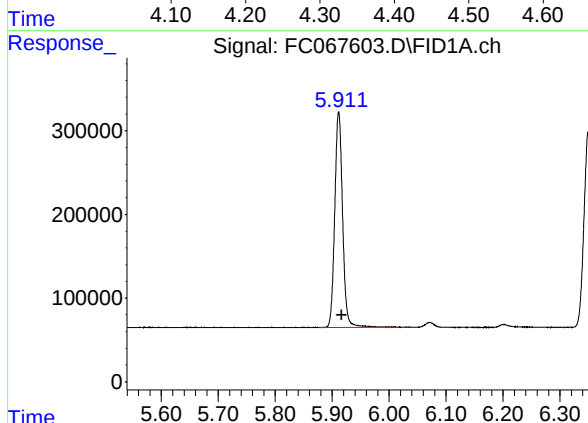
R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2157848
Conc: 16.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



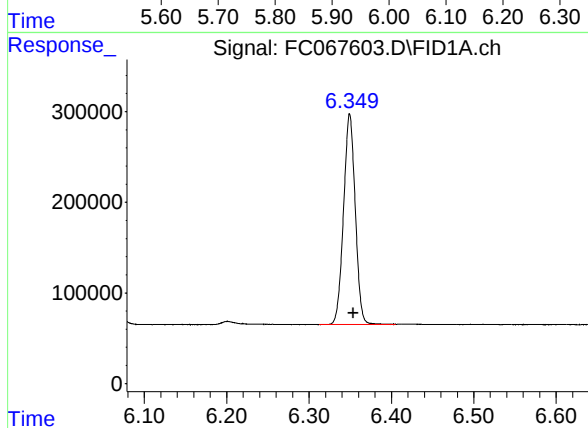
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 2270886
Conc: 16.67 ug/ml



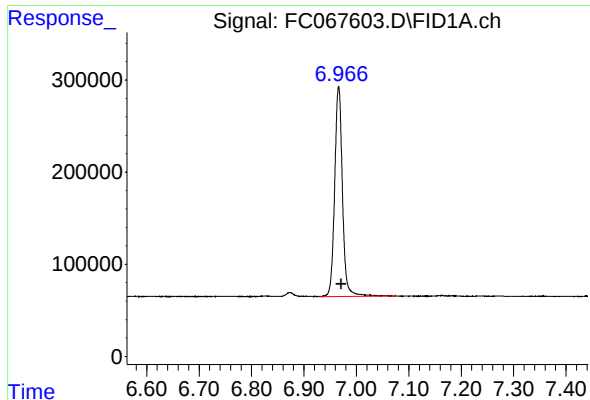
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 2464414
Conc: 16.63 ug/ml



#4 n-Dodecane (C12)

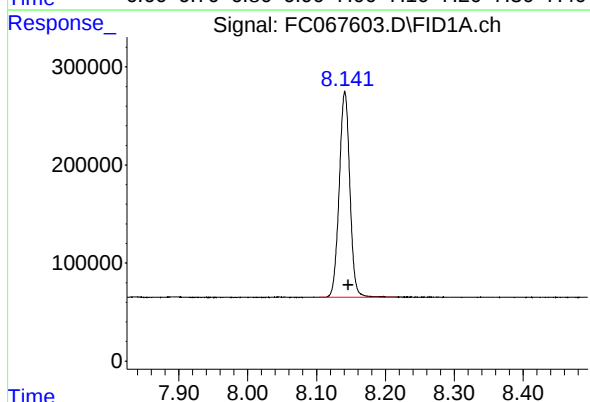
R.T.: 6.349 min
Delta R.T.: -0.004 min
Response: 2288329
Conc: 16.90 ug/ml



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

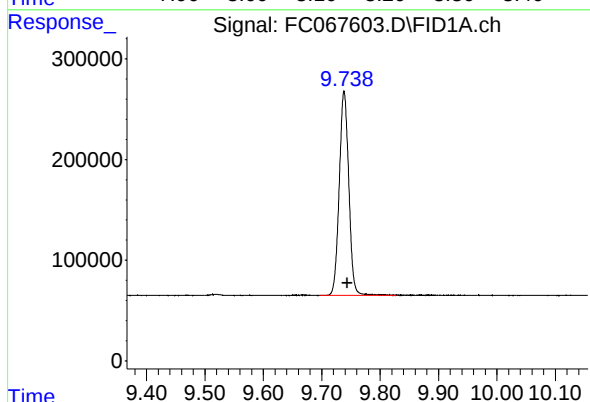
R.T.: 6.966 min
Delta R.T.: -0.005 min
Response: 2355629
Conc: 16.68 ug/ml

Instrument :
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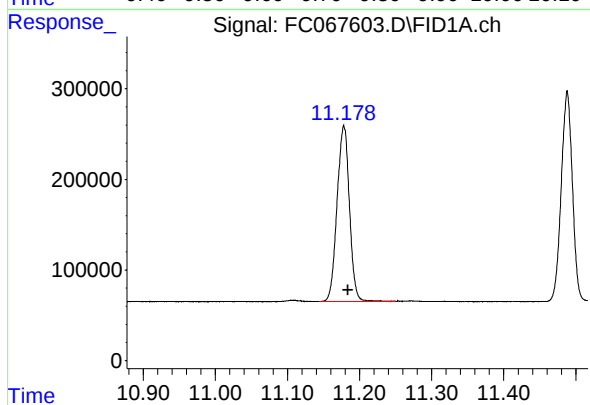
#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: -0.005 min
Response: 2245109
Conc: 17.10 ug/ml



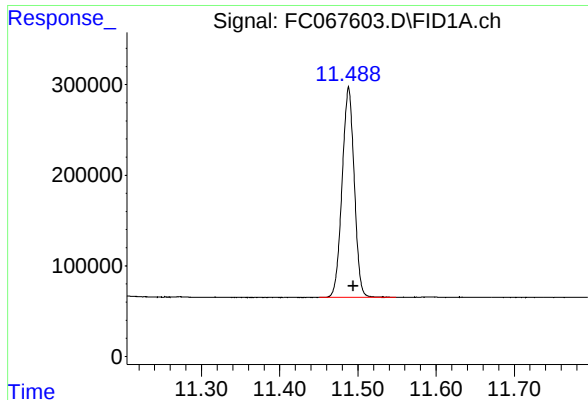
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: -0.005 min
Response: 2297682
Conc: 17.39 ug/ml



#8 n-Octadecane (C18)

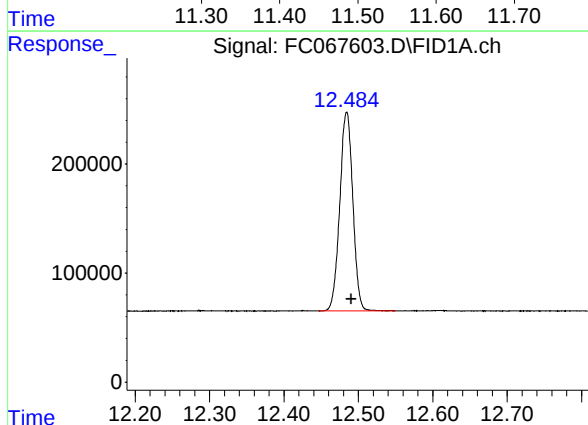
R.T.: 11.178 min
Delta R.T.: -0.005 min
Response: 2319783
Conc: 17.56 ug/ml



#9 ortho-Terphenyl (SURR)

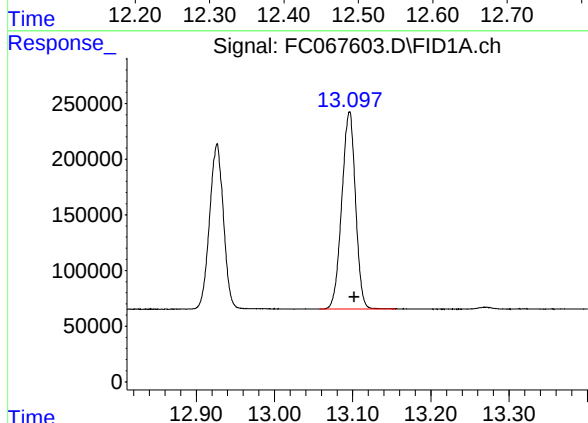
R.T.: 11.488 min
Delta R.T.: -0.006 min
Response: 2501346
Conc: 17.05 ug/ml

Instrument :
FID_C
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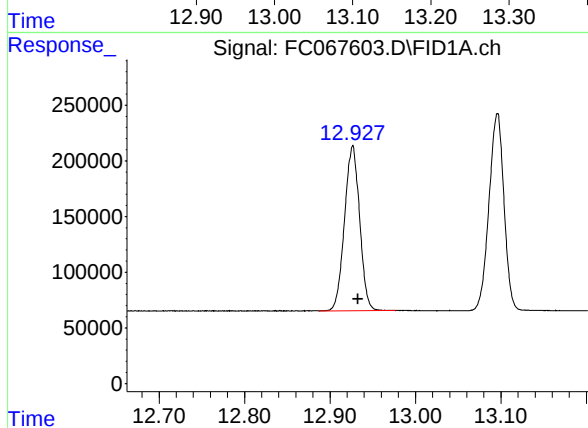
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: -0.007 min
Response: 2223355
Conc: 17.62 ug/ml



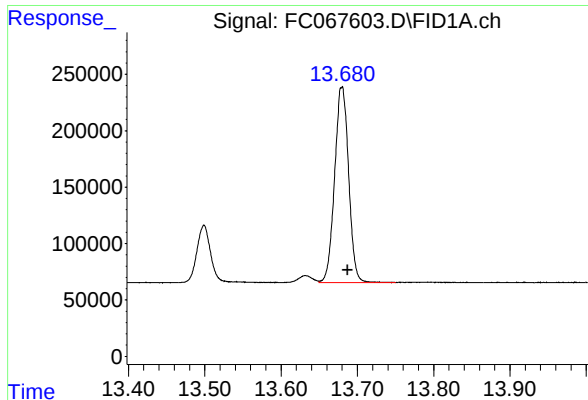
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.006 min
Response: 2162548
Conc: 17.52 ug/ml



#12 1-chlorooctadecane (SURR)

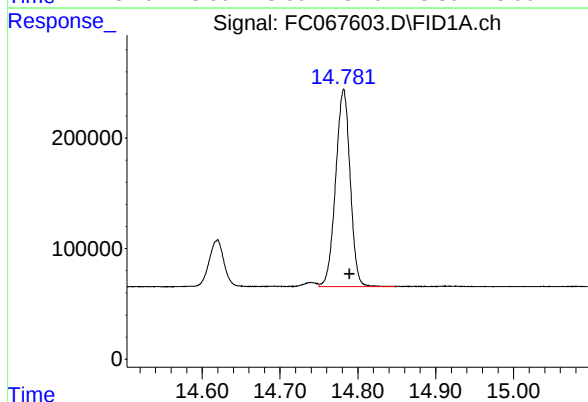
R.T.: 12.926 min
Delta R.T.: -0.007 min
Response: 1823015
Conc: 16.88 ug/ml



#13 n-Docosane (C22)

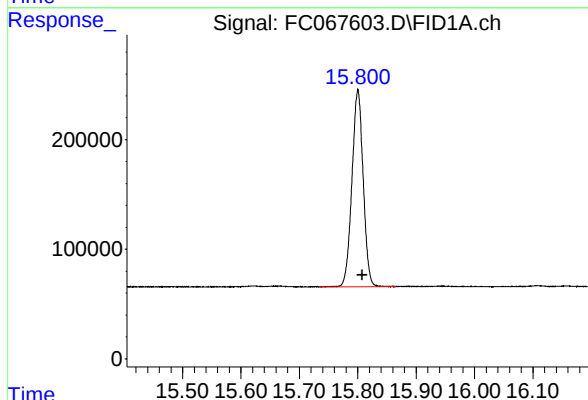
R.T.: 13.680 min
Delta R.T.: -0.007 min
Response: 2210929
Conc: 18.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



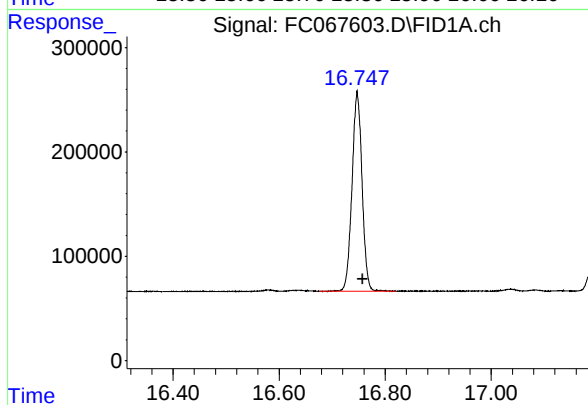
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.008 min
Response: 2306350
Conc: 19.03 ug/ml



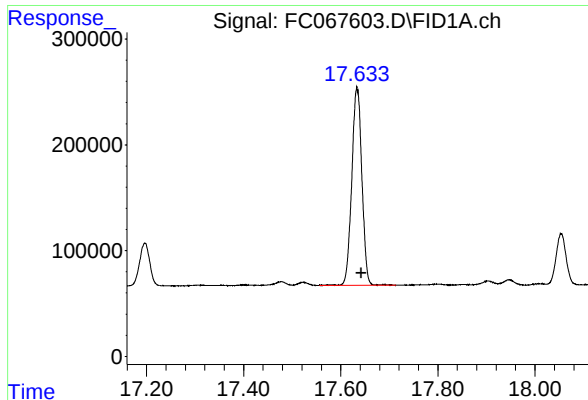
#15 n-Hexacosane (C26)

R.T.: 15.800 min
Delta R.T.: -0.008 min
Response: 2399067
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

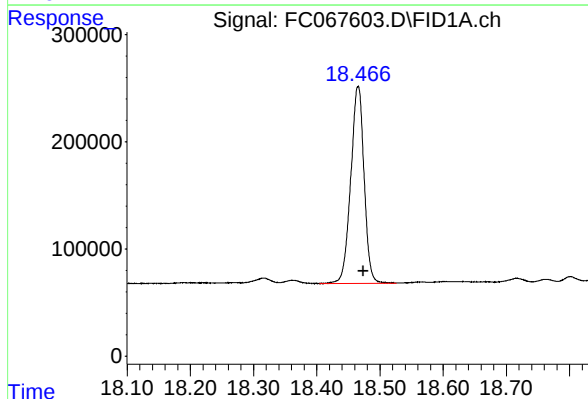
R.T.: 16.747 min
Delta R.T.: -0.010 min
Response: 2518198
Conc: 21.40 ug/ml



#17 n-Tricontane (C30)

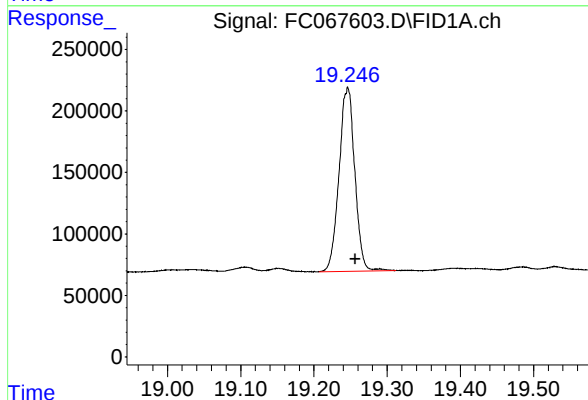
R.T.: 17.634 min
Delta R.T.: -0.009 min
Response: 2715311
Conc: 22.46 ug/ml

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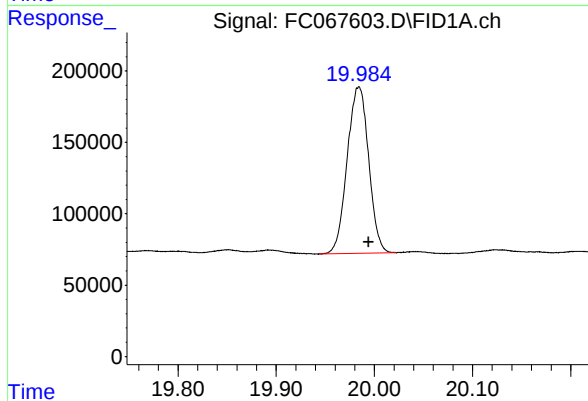
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.008 min
Response: 2701244
Conc: 22.83 ug/ml



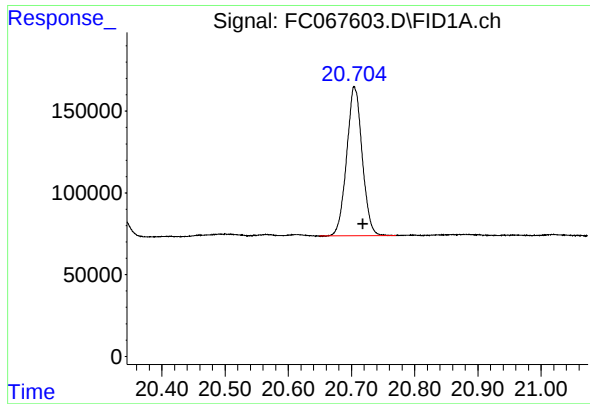
#19 n-Tetatriacontane (C34)

R.T.: 19.246 min
Delta R.T.: -0.011 min
Response: 2235731
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

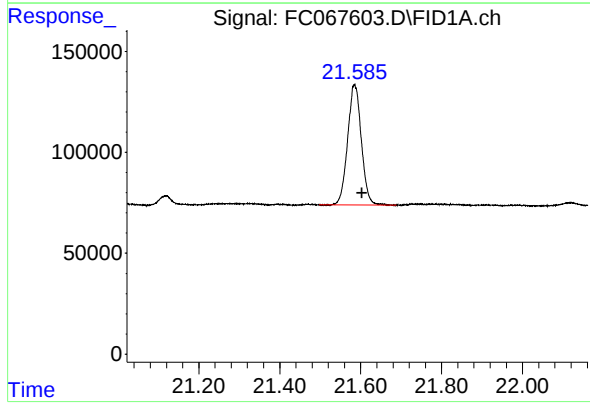
R.T.: 19.984 min
Delta R.T.: -0.010 min
Response: 1772520
Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: -0.013 min
Response: 1560074
Conc: 18.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: -0.019 min
Response: 1407066
Conc: 16.55 ug/ml