

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110424AL\
 Data File : FC067620.D
 Signal(s) : FID1A.ch
 Acq On : 05 Nov 2024 02:22
 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: Nov 05 03:46:35 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)	11.489	2534328	17.272 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
12) S 1-chlorooctadecane (S...	12.928	1893057	17.530 ug/ml
Spiked Amount 50.000		Recovery =	35.06%
Target Compounds			
1) T n-Nonane (C9)	3.271	2195901	16.300 ug/ml
2) T n-Decane (C10)	4.335	2309064	16.948 ug/ml
3) T A~Naphthalene (C11.7)	5.912	2503795	16.896 ug/ml
4) T n-Dodecane (C12)	6.350	2321555	17.141 ug/ml
5) T A~2-methylnaphthalene...	6.966	2387150	16.904 ug/ml
6) T n-Tetradecane (C14)	8.142	2281242	17.379 ug/ml
7) T n-Hexadecane (C16)	9.740	2321068	17.570 ug/ml
8) T n-Octadecane (C18)	11.178	2350822	17.794 ug/ml
10) T n-Eicosane (C20)	12.486	2253924	17.863 ug/ml
11) T n-Heneicosane (C21)	13.096	2193426	17.773 ug/ml
13) T n-Docosane (C22)	13.681	2242488	18.314 ug/ml
14) T n-Tetracosane (C24)	14.782	2350637	19.393 ug/ml
15) T n-Hexacosane (C26)	15.801	2450773	20.585 ug/ml
16) T n-Octacosane (C28)	16.750	2592021	22.032 ug/ml
17) T n-Tricontane (C30)	17.635	2795675	23.129 ug/ml
18) T n-Dotriacontane (C32)	18.465	2810675	23.755 ug/ml
19) T n-Tetratriacontane (C34)	19.248	2368193	22.613 ug/ml
20) T n-Hexatriacontane (C36)	19.985	1888915	20.751 ug/ml
21) T n-Octatriacontane (C38)	20.706	1691856	19.536 ug/ml
22) T n-Tetracontane (C40)	21.588	1586990	18.668 ug/ml

(f)=RT Delta > 1/2 Window

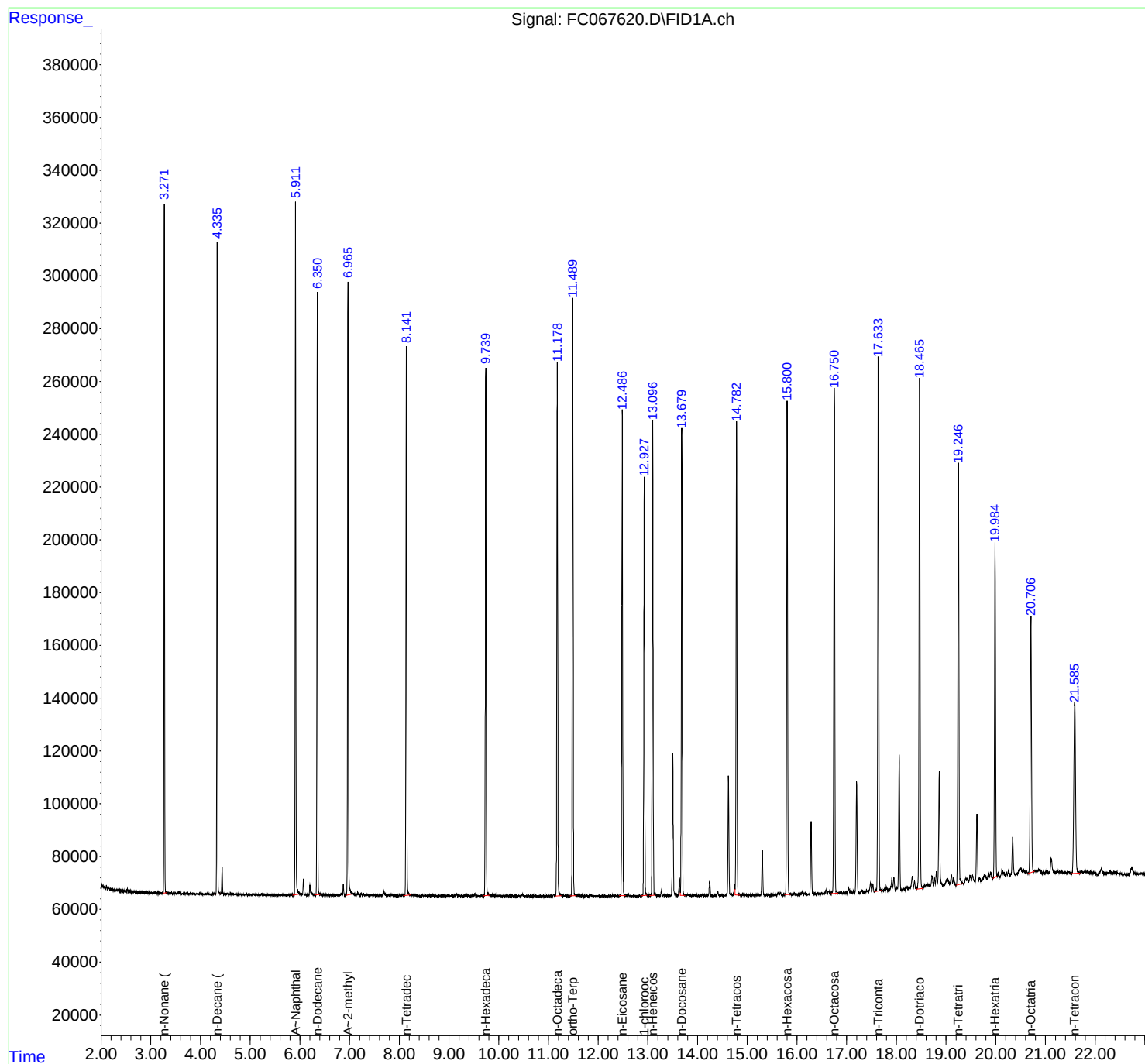
(m)=manual int.

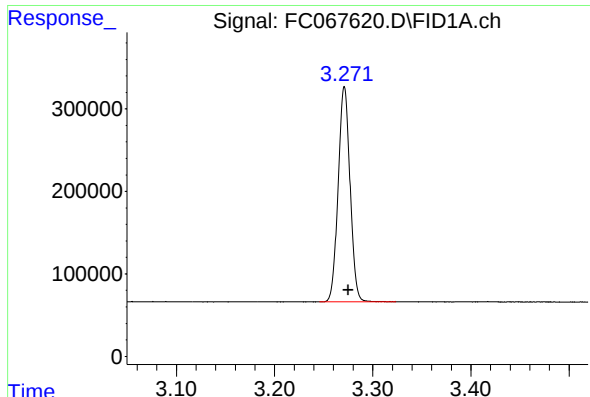
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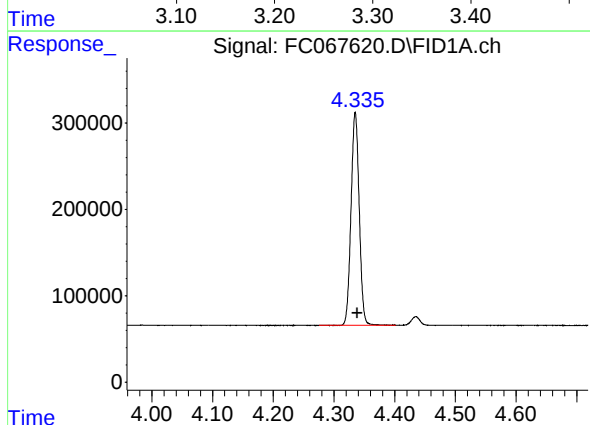




#1 n-Nonane (C9)

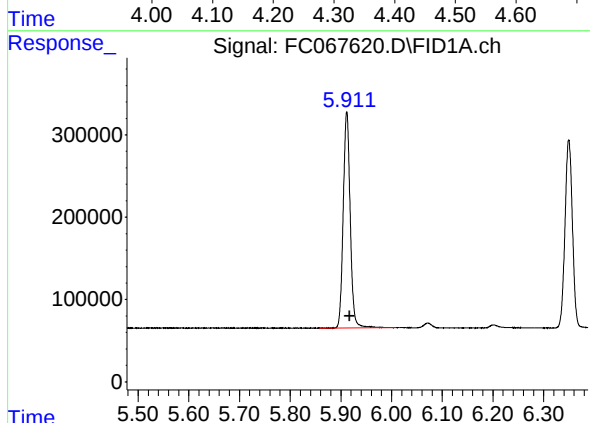
R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2195901
Conc: 16.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



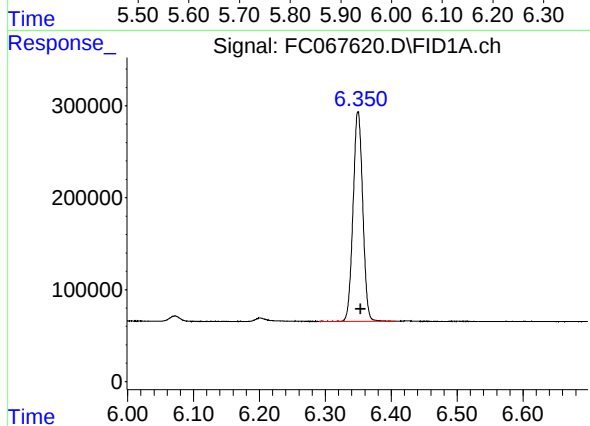
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 2309064
Conc: 16.95 ug/ml



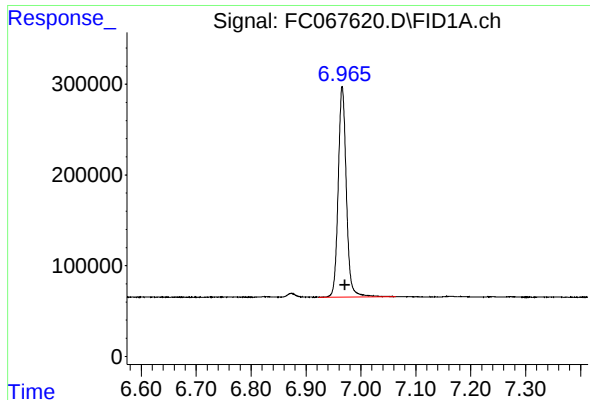
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 2503795
Conc: 16.90 ug/ml



#4 n-Dodecane (C12)

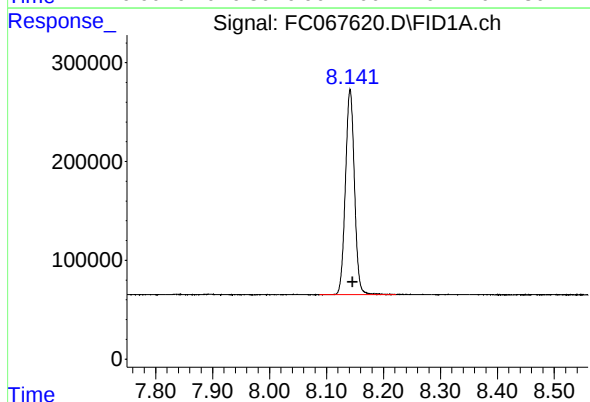
R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 2321555
Conc: 17.14 ug/ml



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

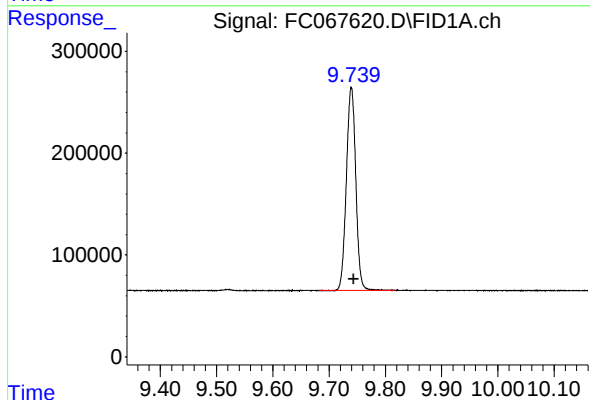
R.T.: 6.966 min
Delta R.T.: -0.005 min
Response: 2387150
Conc: 16.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



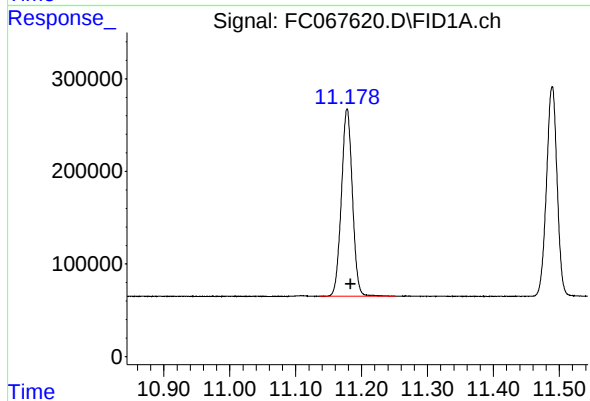
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 2281242
Conc: 17.38 ug/ml



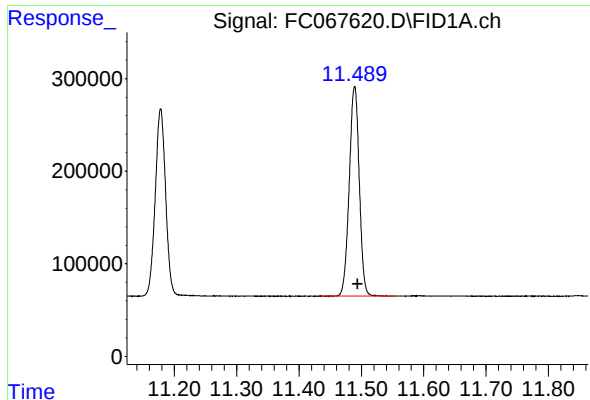
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 2321068
Conc: 17.57 ug/ml



#8 n-Octadecane (C18)

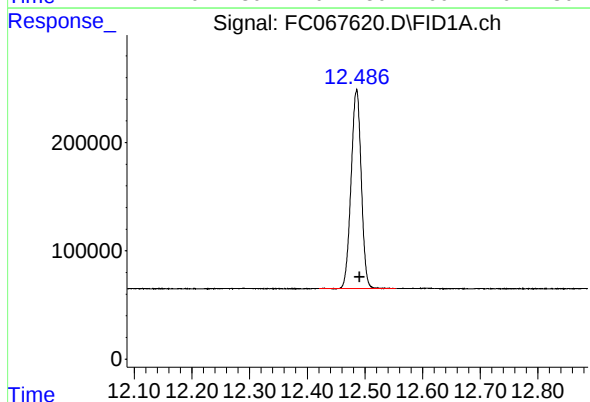
R.T.: 11.178 min
Delta R.T.: -0.006 min
Response: 2350822
Conc: 17.79 ug/ml



#9 ortho-Terphenyl (SURR)

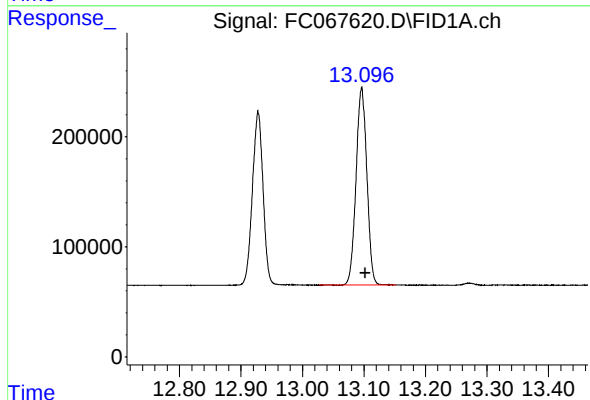
R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 2534328
Conc: 17.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



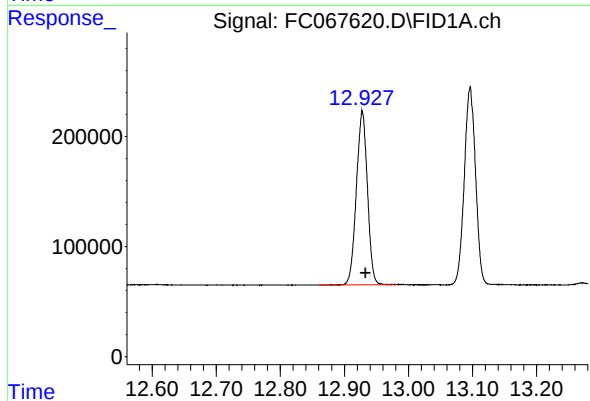
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: -0.005 min
Response: 2253924
Conc: 17.86 ug/ml



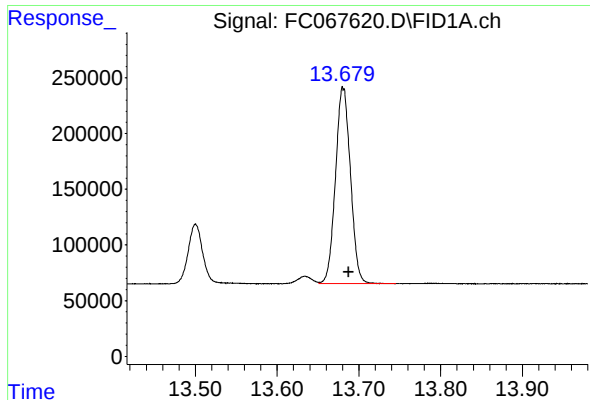
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.006 min
Response: 2193426
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

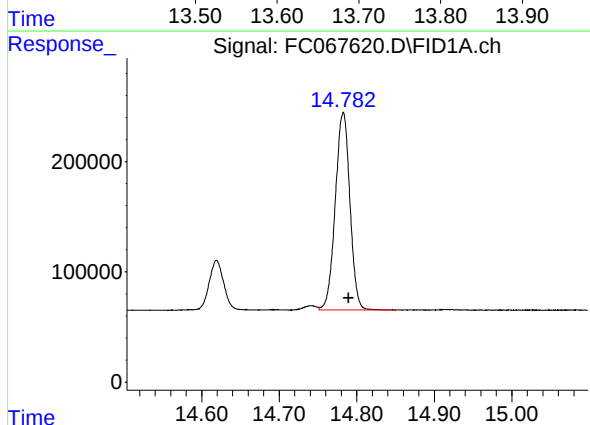
R.T.: 12.928 min
Delta R.T.: -0.005 min
Response: 1893057
Conc: 17.53 ug/ml



#13 n-Docosane (C22)

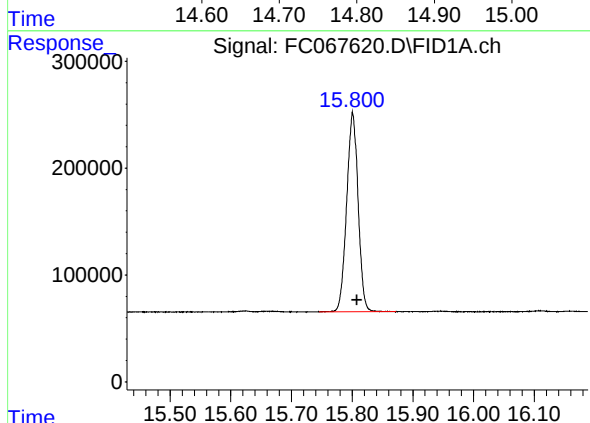
R.T.: 13.681 min
Delta R.T.: -0.007 min
Response: 2242488
Conc: 18.31 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



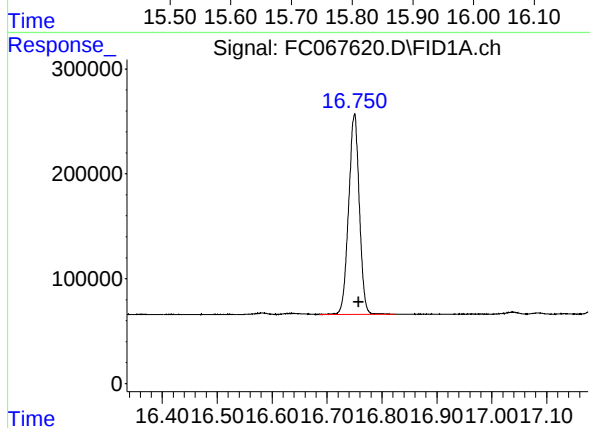
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.007 min
Response: 2350637
Conc: 19.39 ug/ml



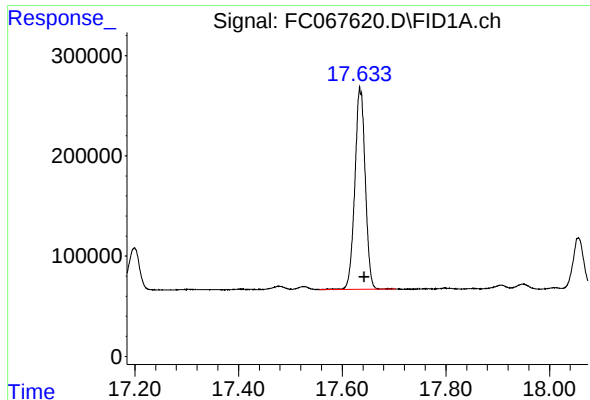
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: -0.007 min
Response: 2450773
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

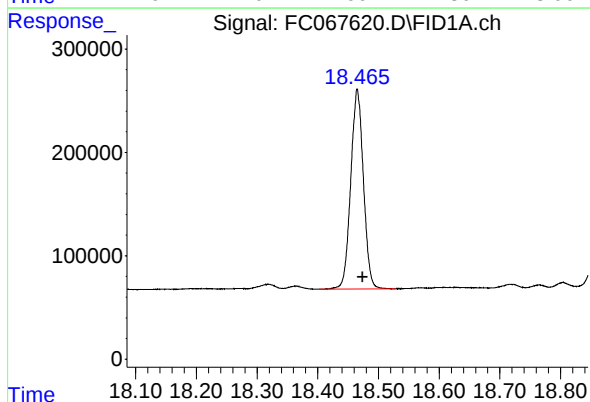
R.T.: 16.750 min
Delta R.T.: -0.008 min
Response: 2592021
Conc: 22.03 ug/ml



#17 n-Tricontane (C30)

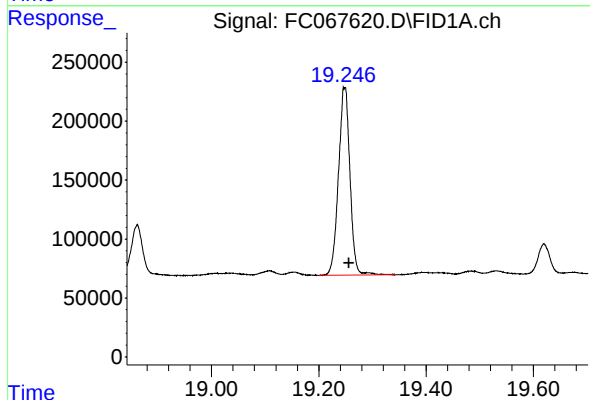
R.T.: 17.635 min
Delta R.T.: -0.008 min
Response: 2795675
Conc: 23.13 ug/ml

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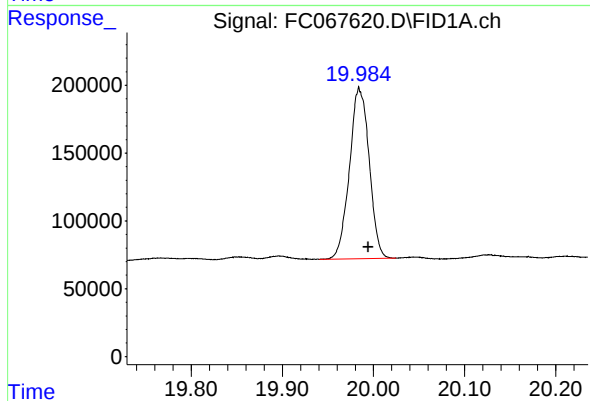
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.009 min
Response: 2810675
Conc: 23.75 ug/ml



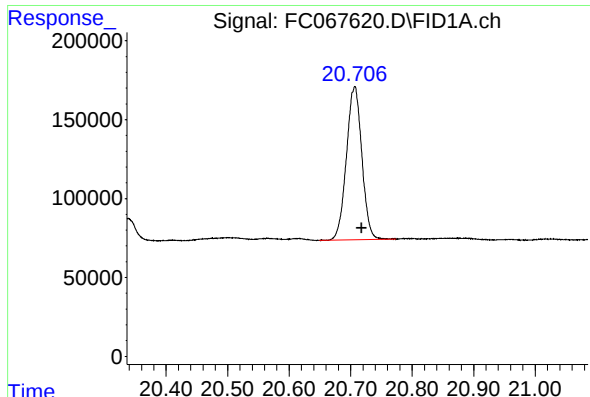
#19 n-Tetatriacontane (C34)

R.T.: 19.248 min
Delta R.T.: -0.008 min
Response: 2368193
Conc: 22.61 ug/ml



#20 n-Hexatriacontane (C36)

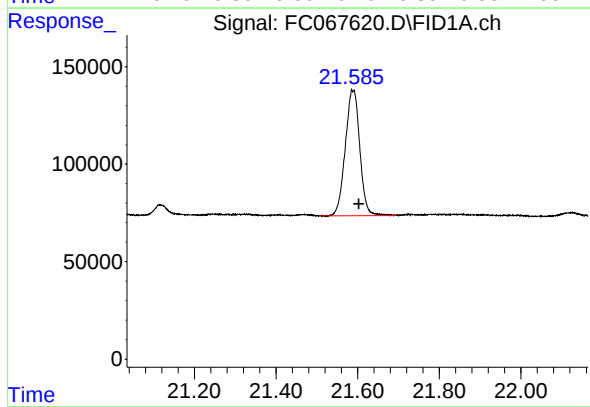
R.T.: 19.985 min
Delta R.T.: -0.010 min
Response: 1888915
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: -0.012 min
Response: 1691856
Conc: 19.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.015 min
Response: 1586990
Conc: 18.67 ug/ml