

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100524AL\
 Data File : FC067344.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2024 12:00
 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: Oct 04 03:13:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.497	2880146	18.928 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
12) S 1-chlorooctadecane (S...	12.936	2127603	18.796 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
Target Compounds			
1) T n-Nonane (C9)	3.275	2473892	19.516 ug/ml
2) T n-Decane (C10)	4.340	2518440	19.592 ug/ml
3) T A~Naphthalene (C11.7)	5.917	2789674	19.666 ug/ml
4) T n-Dodecane (C12)	6.355	2511531	19.355 ug/ml
5) T A~2-methylnaphthalene...	6.972	2684633	19.569 ug/ml
6) T n-Tetradecane (C14)	8.149	2477076	19.232 ug/ml
7) T n-Hexadecane (C16)	9.747	2525058	18.969 ug/ml
8) T n-Octadecane (C18)	11.186	2563631	18.906 ug/ml
10) T n-Eicosane (C20)	12.493	2461577	18.853 ug/ml
11) T n-Heneicosane (C21)	13.105	2414984	18.829 ug/ml
13) T n-Docosane (C22)	13.690	2405465	18.839 ug/ml
14) T n-Tetracosane (C24)	14.791	2414124	18.876 ug/ml
15) T n-Hexacosane (C26)	15.811	2383688	18.905 ug/ml
16) T n-Octacosane (C28)	16.759	2413427	19.211 ug/ml
17) T n-Tricontane (C30)	17.645	2579204	20.021 ug/ml
18) T n-Dotriacontane (C32)	18.476	2548700	20.401 ug/ml
19) T n-Tetratriacontane (C34)	19.258	2216158	20.280 ug/ml
20) T n-Hexatriacontane (C36)	19.996	1940036	20.526 ug/ml
21) T n-Octatriacontane (C38)	20.720	1695836	19.337 ug/ml
22) T n-Tetracontane (C40)	21.604	1770673	20.578 ug/ml

(f)=RT Delta > 1/2 Window

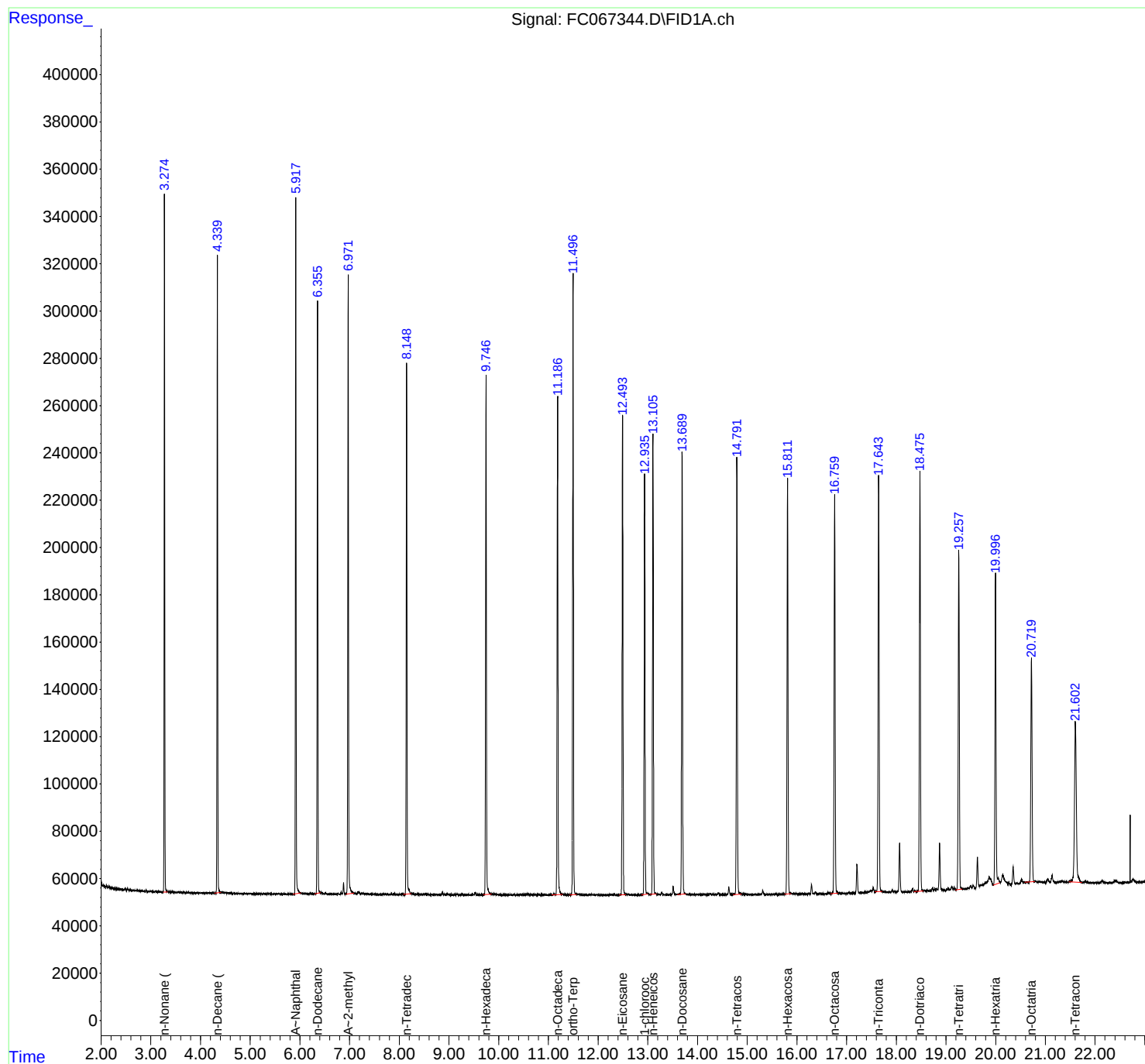
(m)=manual int.

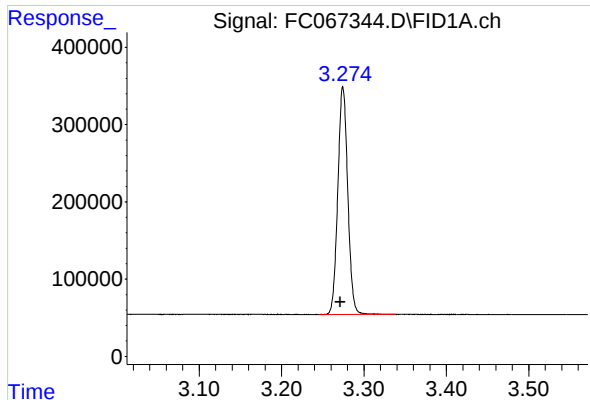
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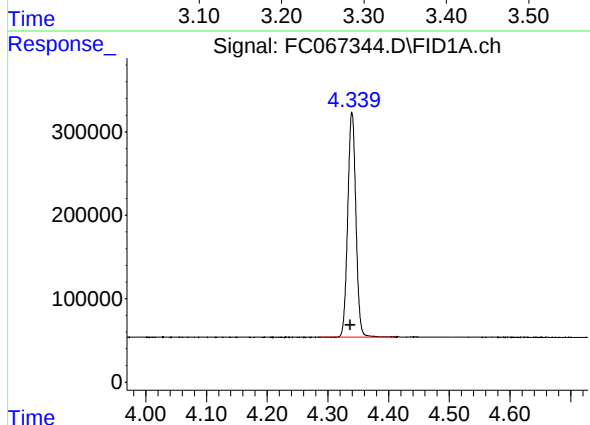




#1 n-Nonane (C9)

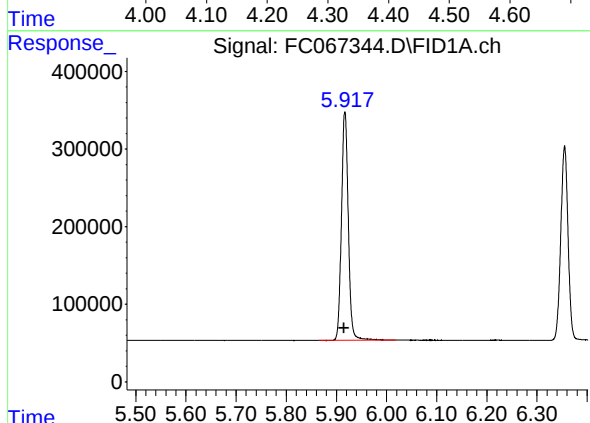
R.T.: 3.275 min
Delta R.T.: 0.004 min
Response: 2473892
Conc: 19.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



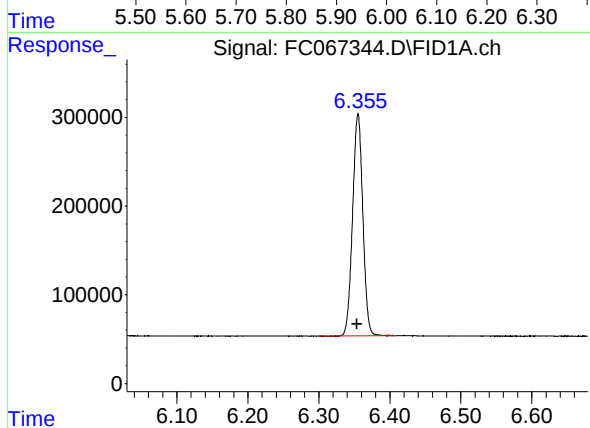
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 2518440
Conc: 19.59 ug/ml



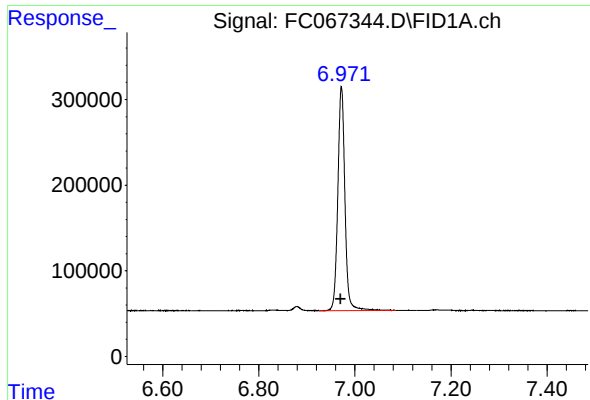
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 2789674
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

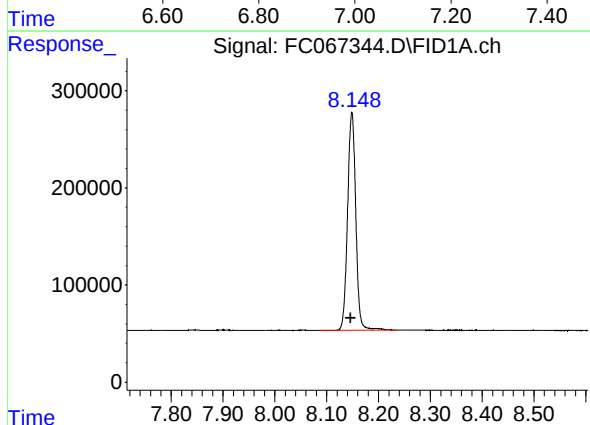
R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 2511531
Conc: 19.35 ug/ml



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

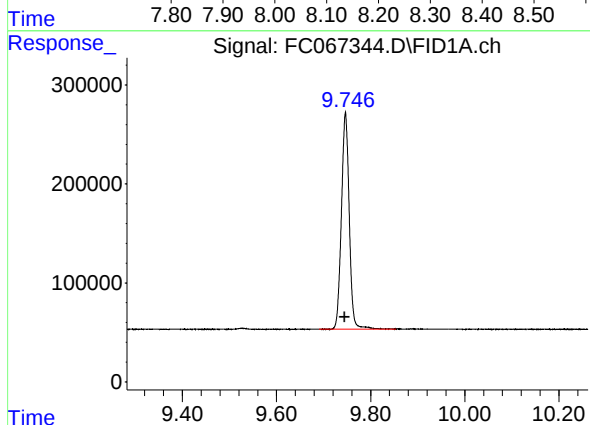
R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 2684633
Conc: 19.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



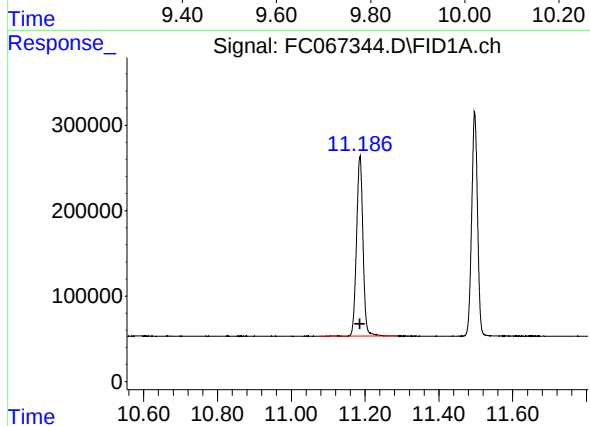
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.002 min
Response: 2477076
Conc: 19.23 ug/ml



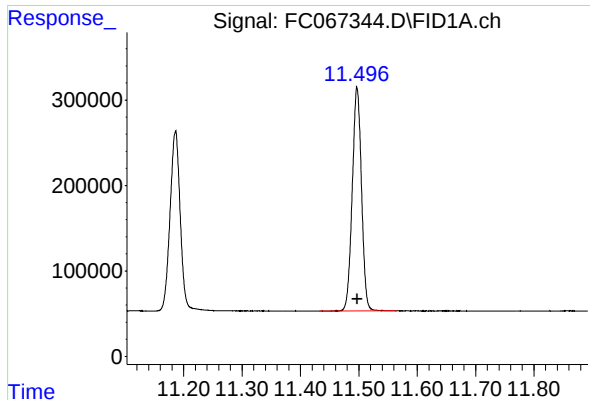
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.002 min
Response: 2525058
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

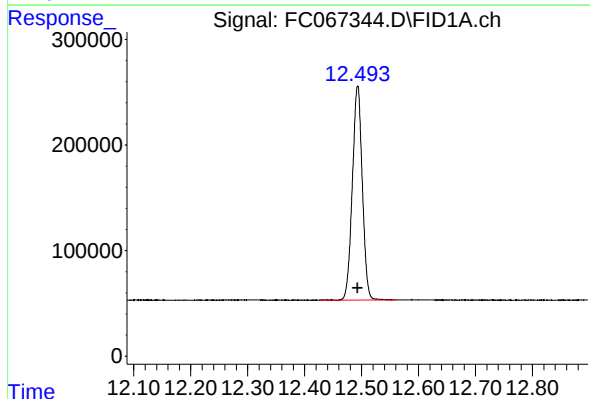
R.T.: 11.186 min
Delta R.T.: 0.000 min
Response: 2563631
Conc: 18.91 ug/ml



#9 ortho-Terphenyl (SURR)

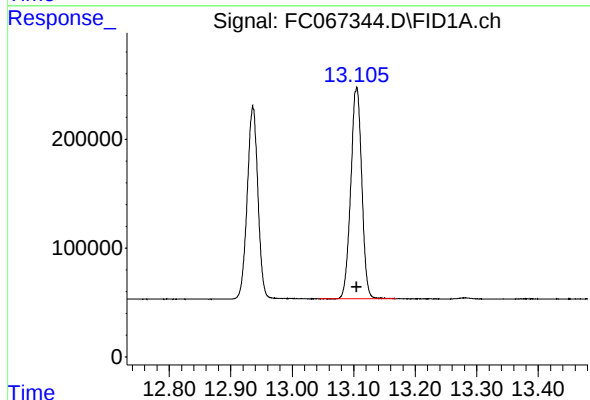
R.T.: 11.497 min
Delta R.T.: 0.000 min
Response: 2880146
Conc: 18.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



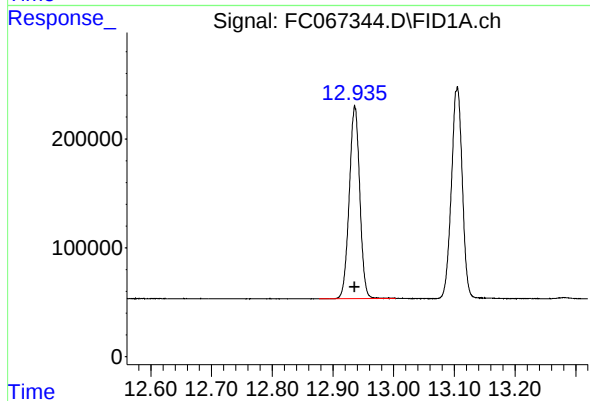
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 2461577
Conc: 18.85 ug/ml



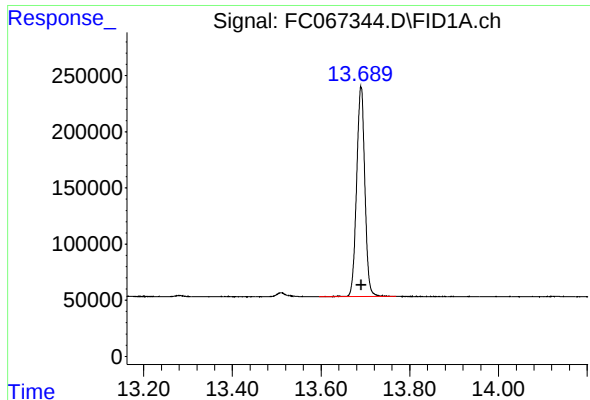
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 2414984
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

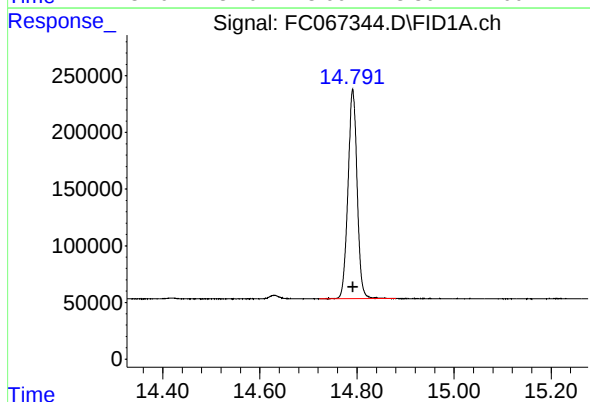
R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 2127603
Conc: 18.80 ug/ml



#13 n-Docosane (C22)

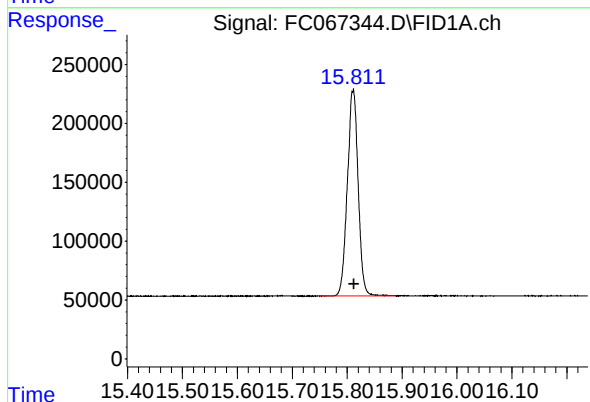
R.T.: 13.690 min
Delta R.T.: 0.000 min
Response: 2405465
Conc: 18.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



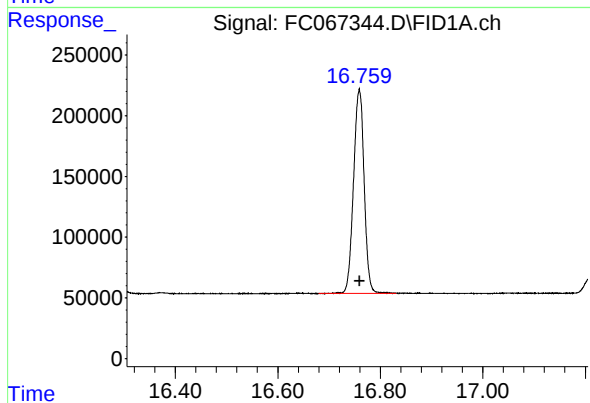
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.000 min
Response: 2414124
Conc: 18.88 ug/ml



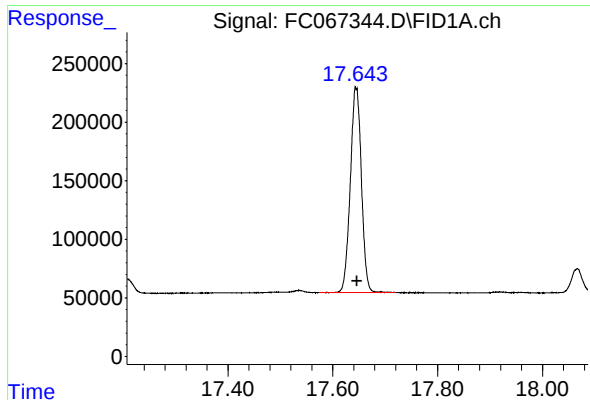
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.002 min
Response: 2383688
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

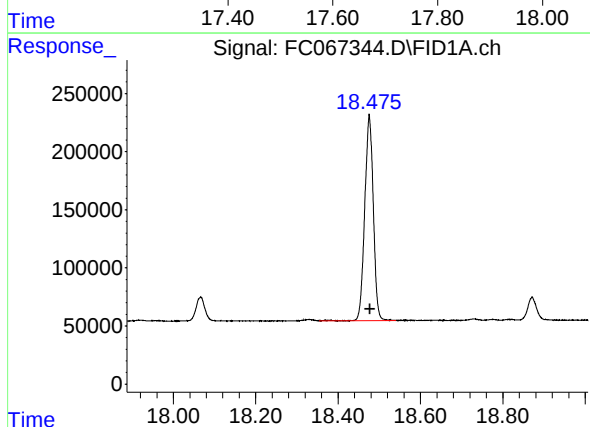
R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 2413427
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

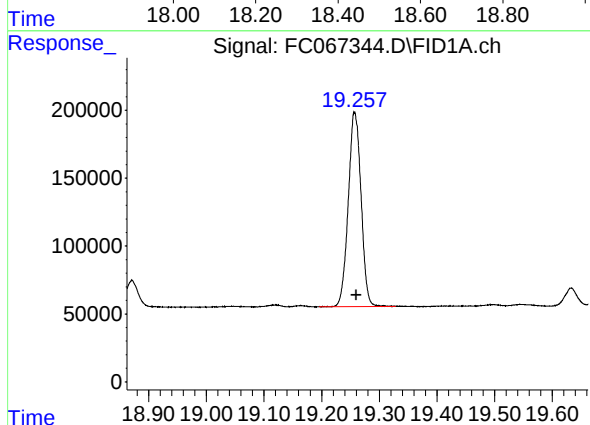
R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 2579204
Conc: 20.02 ug/ml

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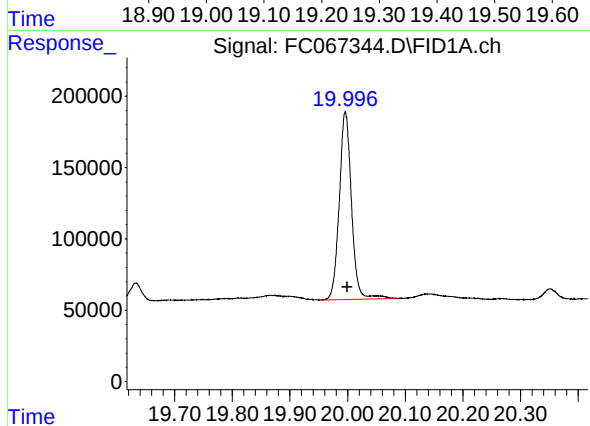
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: -0.002 min
Response: 2548700
Conc: 20.40 ug/ml



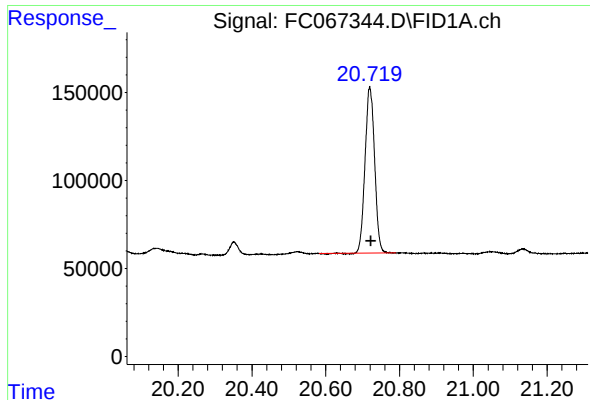
#19 n-Tetatriacontane (C34)

R.T.: 19.258 min
Delta R.T.: -0.002 min
Response: 2216158
Conc: 20.28 ug/ml



#20 n-Hexatriacontane (C36)

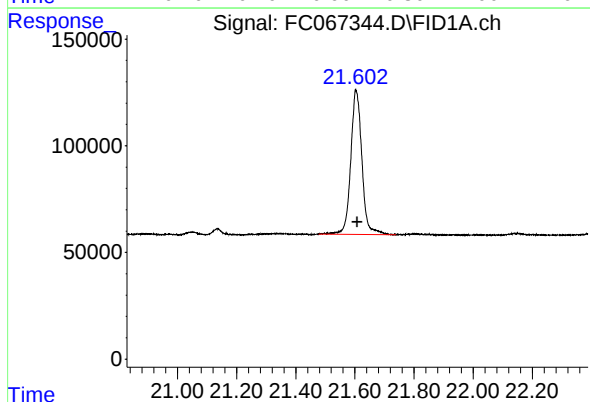
R.T.: 19.996 min
Delta R.T.: -0.003 min
Response: 1940036
Conc: 20.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: -0.003 min
Response: 1695836
Conc: 19.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: -0.004 min
Response: 1770673
Conc: 20.58 ug/ml