

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
 Data File : FC067516.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2024 10:41
 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 25 01:20:09 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)	11.495	2852230	19.438 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
12) S 1-chlorooctadecane (S...	12.934	2093850	19.390 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
Target Compounds			
1) T n-Nonane (C9)	3.274	2615520	19.414 ug/ml
2) T n-Decane (C10)	4.338	2645264	19.415 ug/ml
3) T A~Naphthalene (C11.7)	5.916	2882008	19.448 ug/ml
4) T n-Dodecane (C12)	6.354	2630575	19.422 ug/ml
5) T A~2-methylnaphthalene...	6.971	2747486	19.455 ug/ml
6) T n-Tetradecane (C14)	8.146	2548770	19.418 ug/ml
7) T n-Hexadecane (C16)	9.744	2568055	19.440 ug/ml
8) T n-Octadecane (C18)	11.183	2579018	19.521 ug/ml
10) T n-Eicosane (C20)	12.492	2454294	19.451 ug/ml
11) T n-Heneicosane (C21)	13.102	2409840	19.526 ug/ml
13) T n-Docosane (C22)	13.688	2387174	19.495 ug/ml
14) T n-Tetracosane (C24)	14.789	2371145	19.562 ug/ml
15) T n-Hexacosane (C26)	15.809	2338027	19.638 ug/ml
16) T n-Octacosane (C28)	16.757	2327444	19.783 ug/ml
17) T n-Tricontane (C30)	17.643	2407646	19.919 ug/ml
18) T n-Dotriacontane (C32)	18.475	2371107	20.040 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2091712	19.973 ug/ml
20) T n-Hexatriacontane (C36)	19.995	1816818	19.959 ug/ml
21) T n-Octatriacontane (C38)	20.718	1710266	19.748 ug/ml
22) T n-Tetracontane (C40)	21.603	1658669	19.511 ug/ml

(f)=RT Delta > 1/2 Window

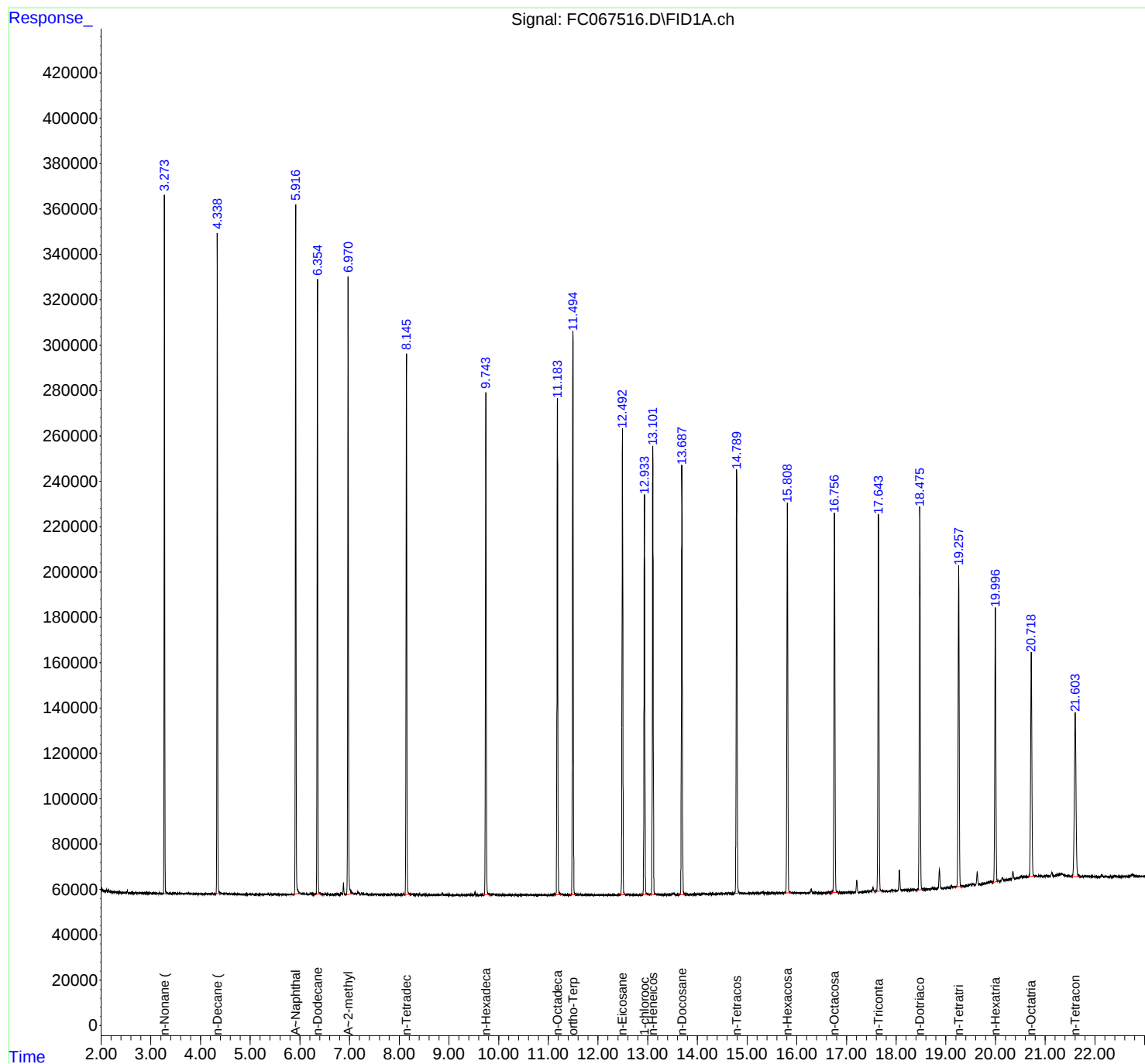
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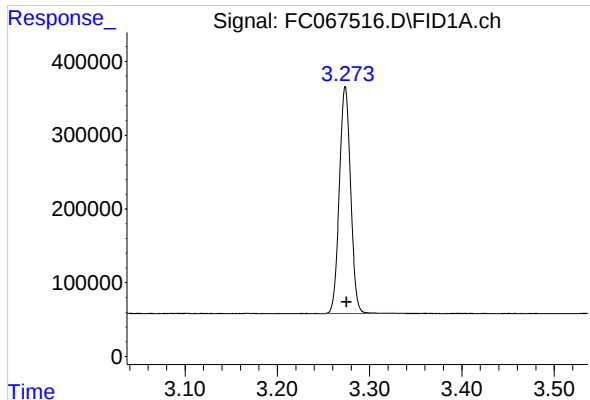
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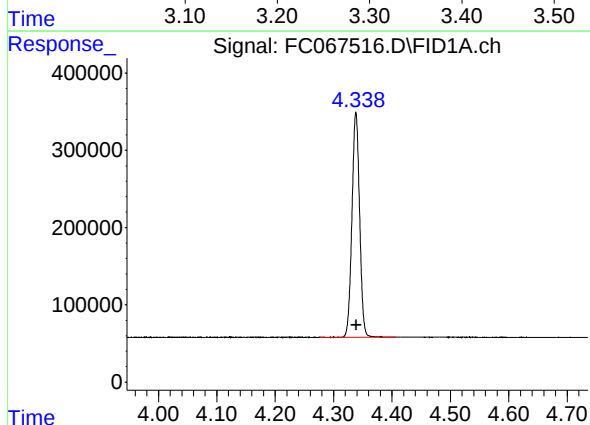




#1 n-Nonane (C9)

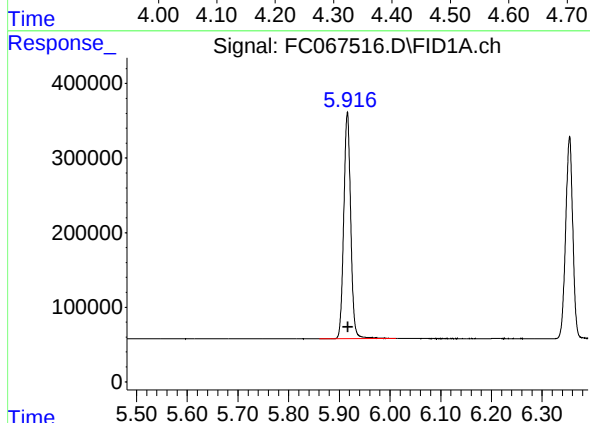
R.T.: 3.274 min
Delta R.T.: -0.001 min
Response: 2615520
Conc: 19.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



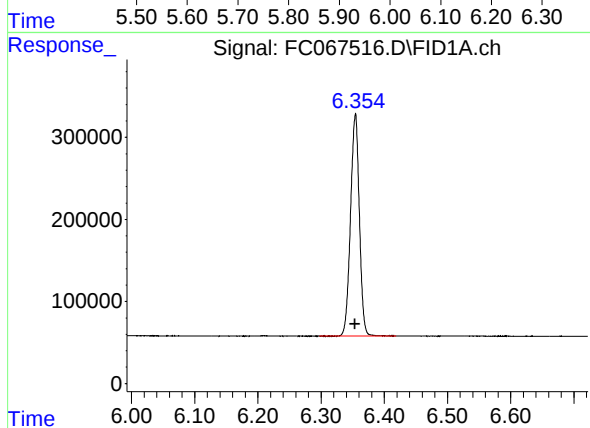
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2645264
Conc: 19.42 ug/ml



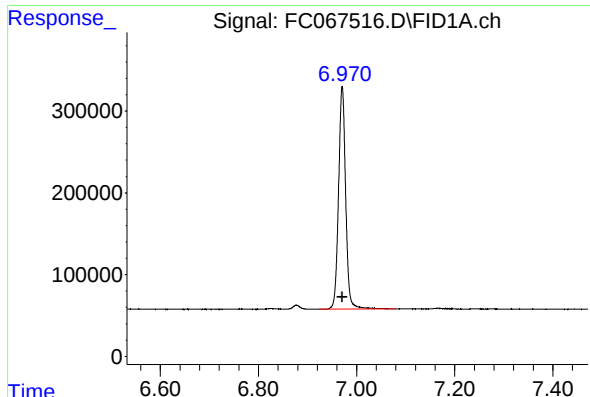
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 2882008
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

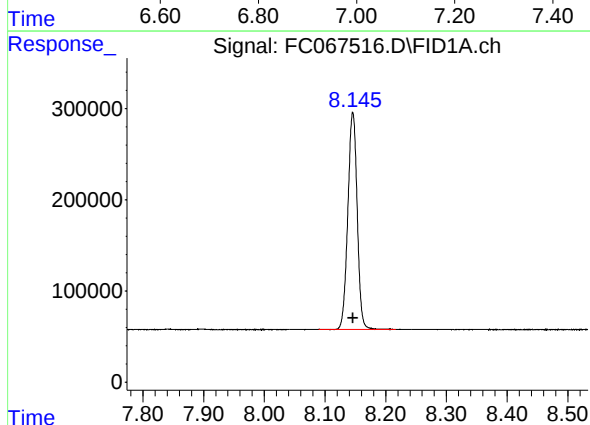
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 2630575
Conc: 19.42 ug/ml



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

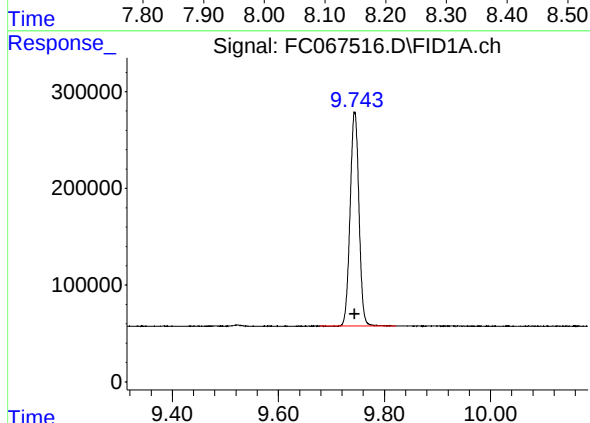
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 2747486
Conc: 19.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



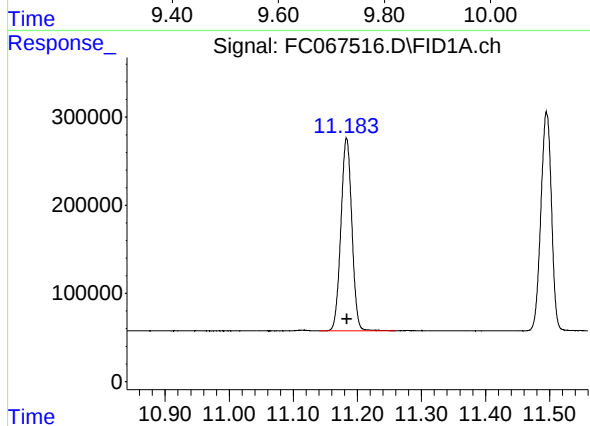
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2548770
Conc: 19.42 ug/ml



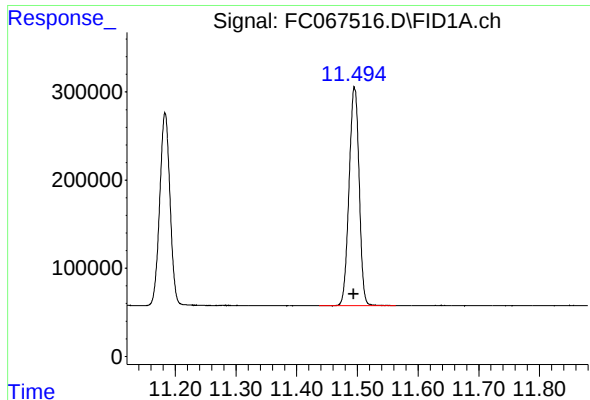
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 2568055
Conc: 19.44 ug/ml



#8 n-Octadecane (C18)

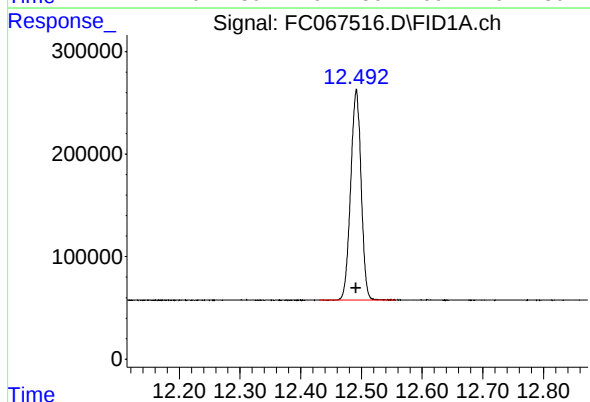
R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 2579018
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

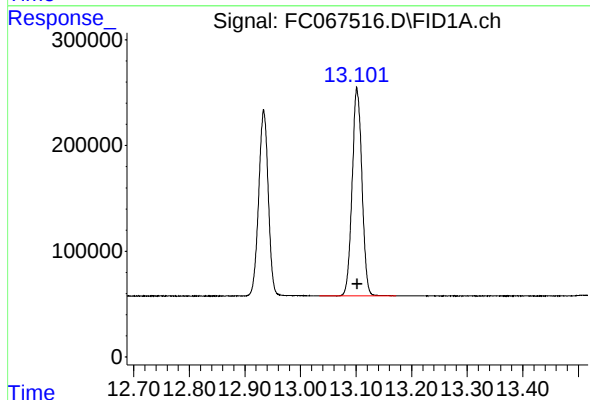
R.T.: 11.495 min
Delta R.T.: 0.001 min
Response: 2852230
Conc: 19.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



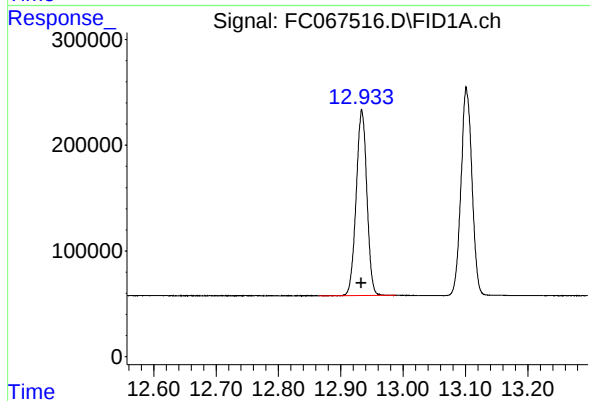
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 2454294
Conc: 19.45 ug/ml



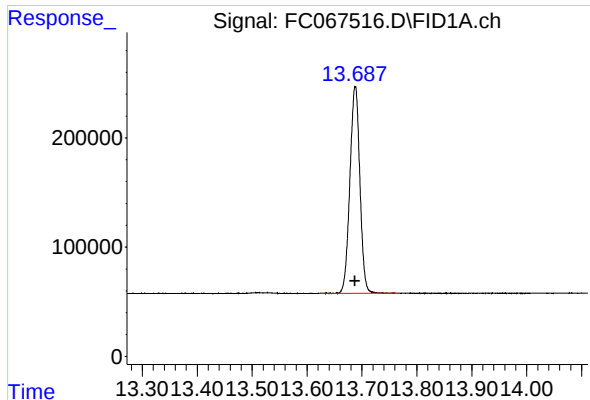
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 2409840
Conc: 19.53 ug/ml



#12 1-chlorooctadecane (SURR)

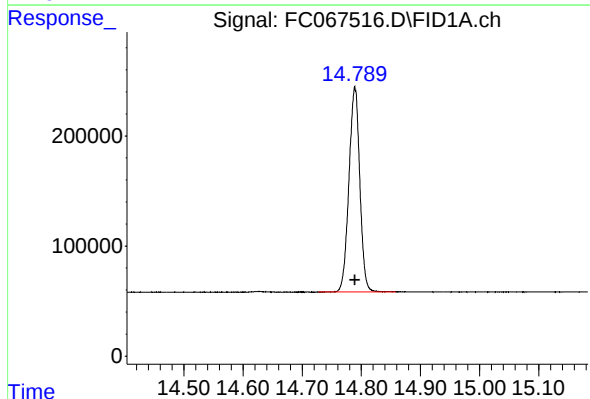
R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 2093850
Conc: 19.39 ug/ml



#13 n-Docosane (C22)

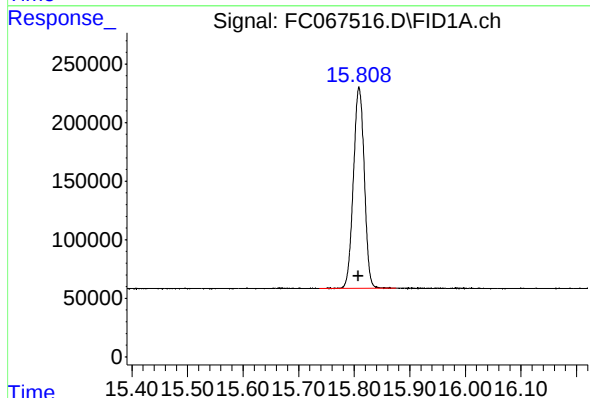
R.T.: 13.688 min
Delta R.T.: 0.000 min
Response: 2387174
Conc: 19.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



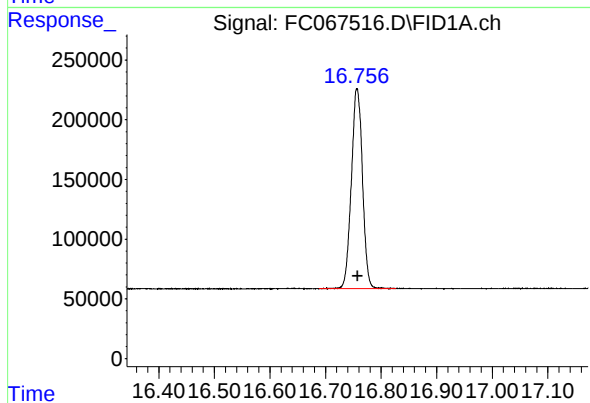
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 2371145
Conc: 19.56 ug/ml



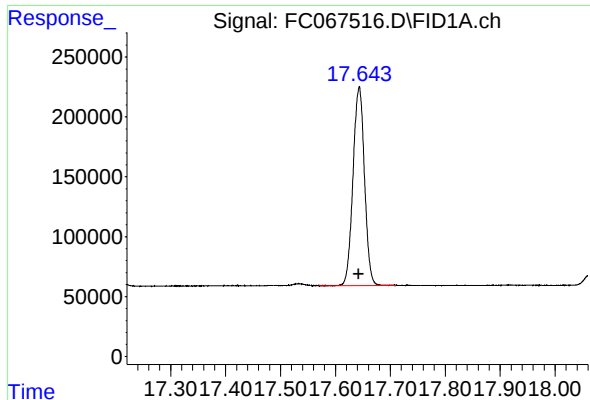
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.001 min
Response: 2338027
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

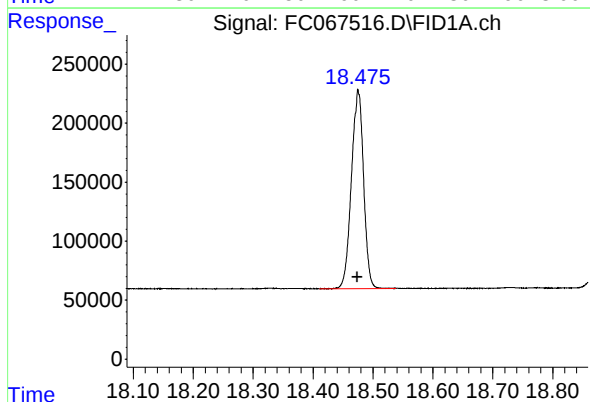
R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 2327444
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

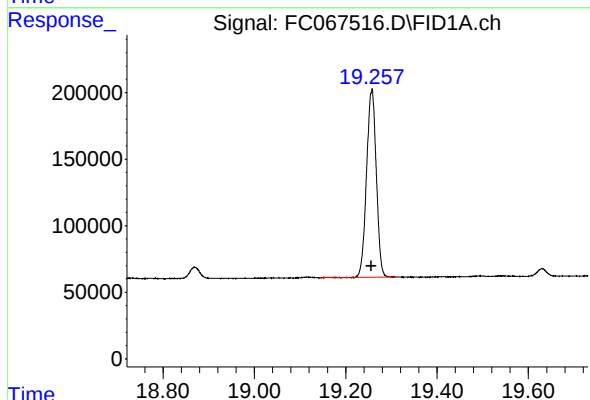
R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 2407646
Conc: 19.92 ug/ml

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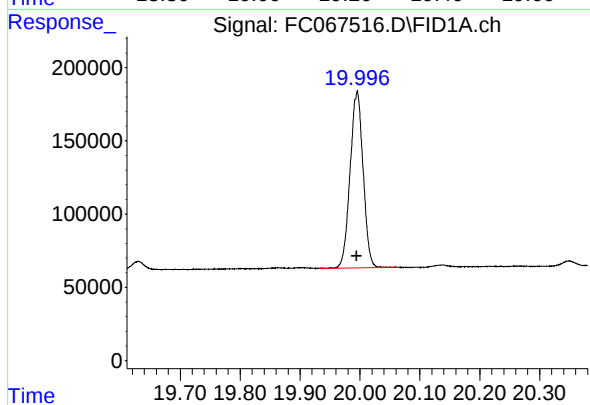
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.002 min
Response: 2371107
Conc: 20.04 ug/ml



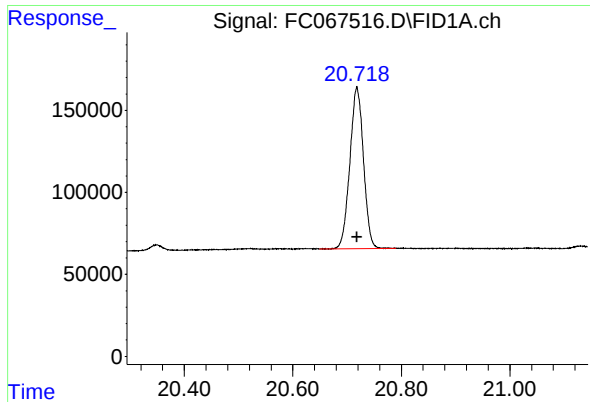
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: 0.000 min
Response: 2091712
Conc: 19.97 ug/ml



#20 n-Hexatriacontane (C36)

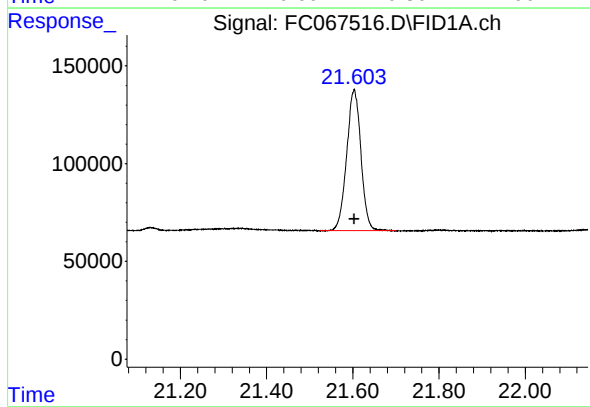
R.T.: 19.995 min
Delta R.T.: 0.000 min
Response: 1816818
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: 0.000 min
Response: 1710266
Conc: 19.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.000 min
Response: 1658669
Conc: 19.51 ug/ml