

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
 Data File : FC062994.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2023 12:45
 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: Feb 24 05:29:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 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)	11.536	2563834	19.752 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
12) S 1-chlorooctadecane (S...	12.976	1957923	20.071 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
Target Compounds			
1) T n-Nonane (C9)	3.296	2333735	19.684 ug/ml
2) T n-Decane (C10)	4.364	2283035	19.799 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2555706	19.984 ug/ml
4) T n-Dodecane (C12)	6.384	2290781	19.838 ug/ml
5) T A~2-methylnaphthalene...	7.007	2387227	20.282 ug/ml
6) T n-Tetradecane (C14)	8.180	2264702	20.038 ug/ml
7) T n-Hexadecane (C16)	9.781	2303365	20.023 ug/ml
8) T n-Octadecane (C18)	11.224	2326719	19.976 ug/ml
10) T n-Eicosane (C20)	12.532	2264752	19.876 ug/ml
11) T n-Heneicosane (C21)	13.143	2269619	19.915 ug/ml
13) T n-Docosane (C22)	13.729	2244150	19.898 ug/ml
14) T n-Tetracosane (C24)	14.832	2239980	19.988 ug/ml
15) T n-Hexacosane (C26)	15.851	2215732	20.036 ug/ml
16) T n-Octacosane (C28)	16.800	2212805	20.111 ug/ml
17) T n-Tricontane (C30)	17.686	2238704	20.329 ug/ml
18) T n-Dotriacontane (C32)	18.519	2290414	20.522 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2280489	20.404 ug/ml
20) T n-Hexatriacontane (C36)	20.038	2168852	19.979 ug/ml
21) T n-Octatriacontane (C38)	20.767	2209953	20.337 ug/ml
22) T n-Tetracontane (C40)	21.669	2158119	19.837 ug/ml

(f)=RT Delta > 1/2 Window

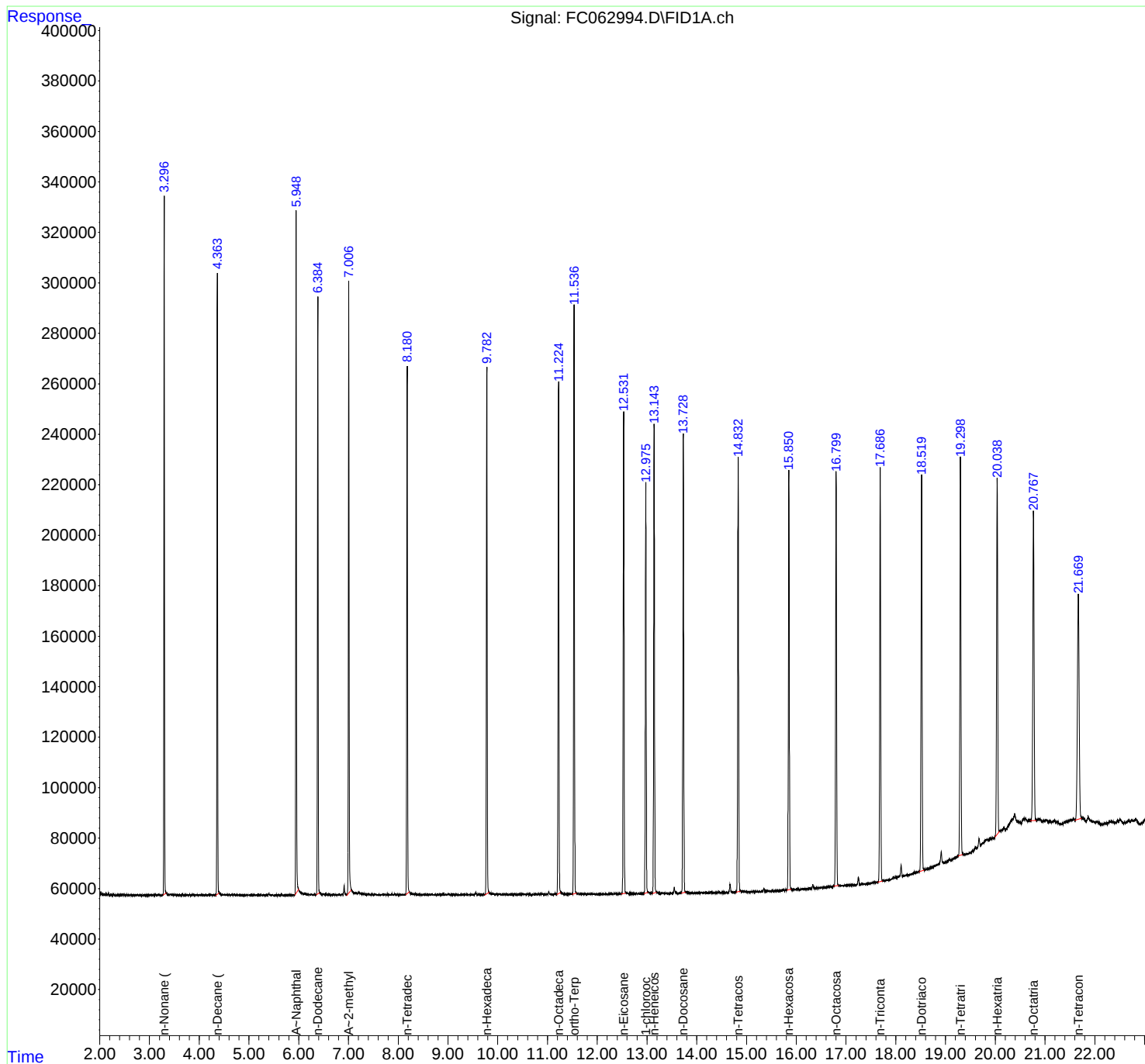
(m)=manual int.

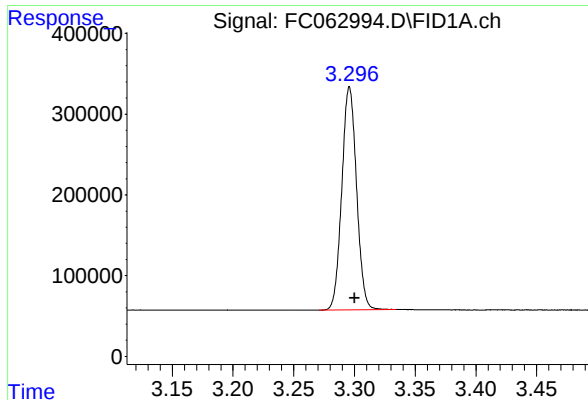
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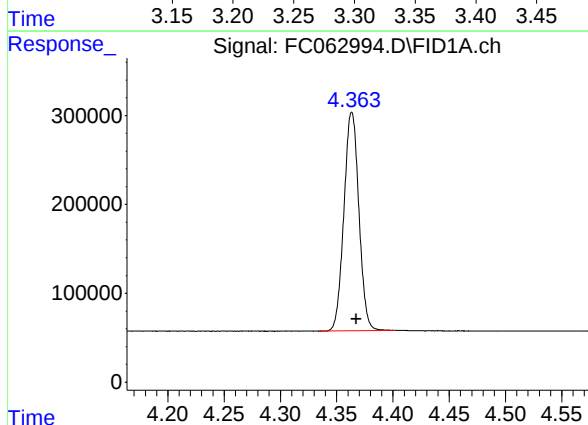




#1 n-Nonane (C9)

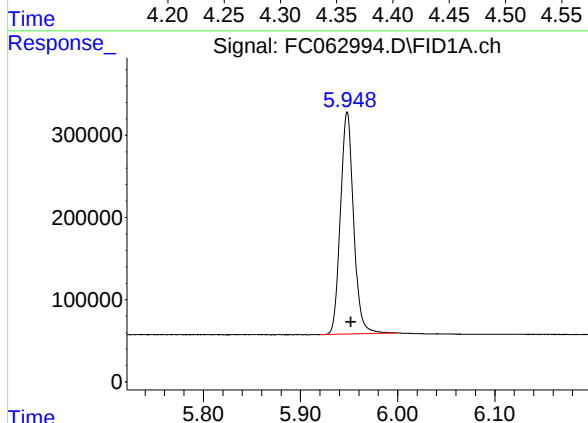
R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 2333735
Conc: 19.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



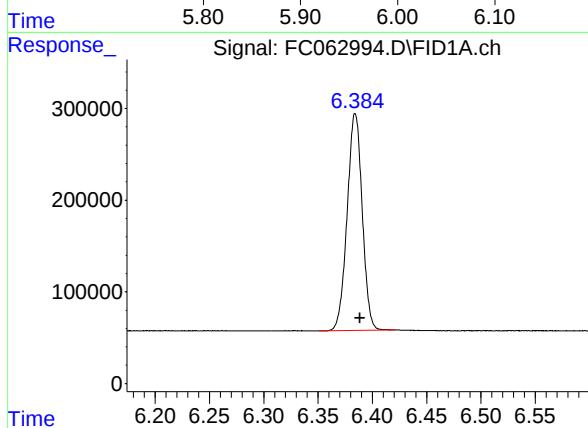
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.004 min
Response: 2283035
Conc: 19.80 ug/ml



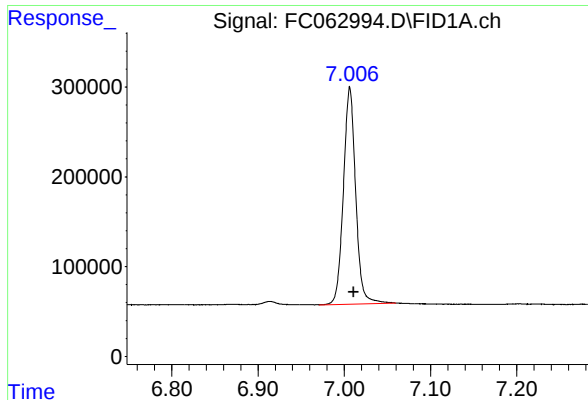
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 2555706
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

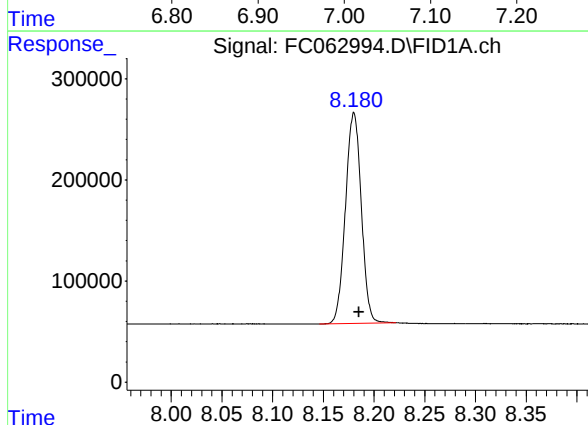
R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 2290781
Conc: 19.84 ug/ml



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

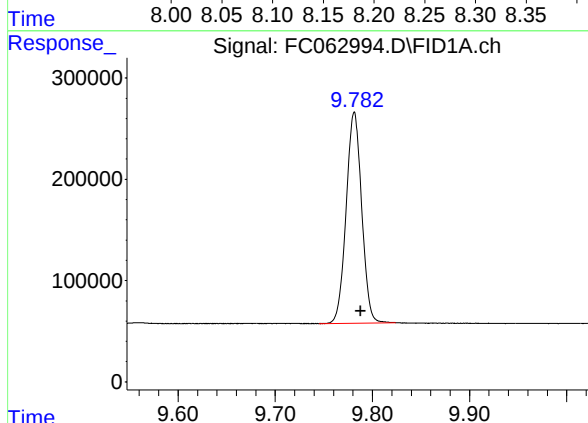
R.T.: 7.007 min
Delta R.T.: -0.004 min
Response: 2387227
Conc: 20.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



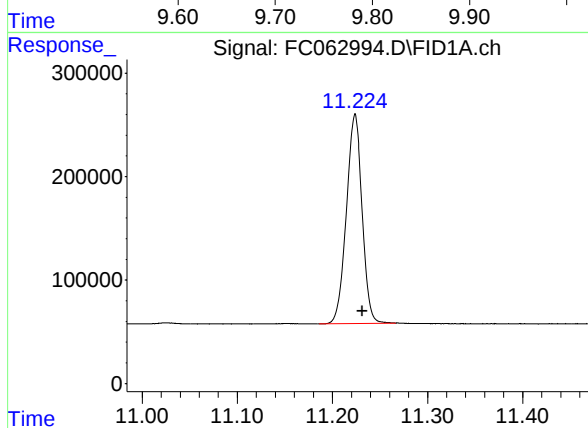
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 2264702
Conc: 20.04 ug/ml



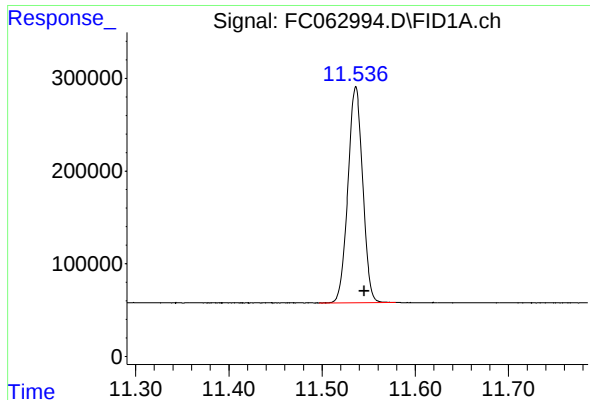
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.006 min
Response: 2303365
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

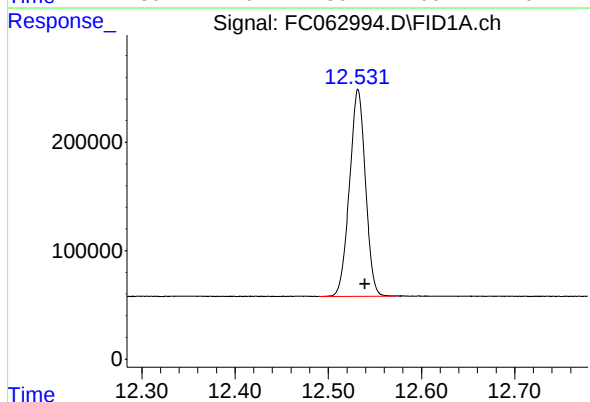
R.T.: 11.224 min
Delta R.T.: -0.008 min
Response: 2326719
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

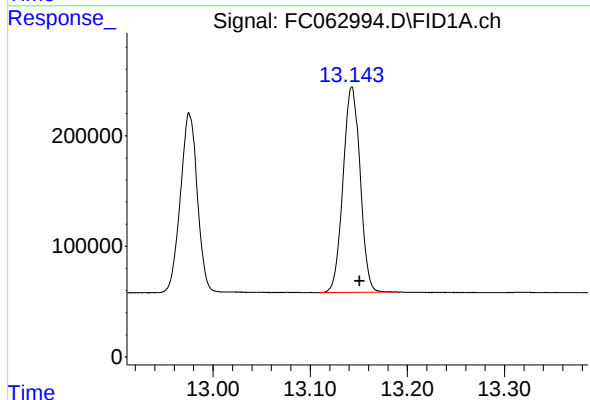
R.T.: 11.536 min
Delta R.T.: -0.009 min
Response: 2563834
Conc: 19.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



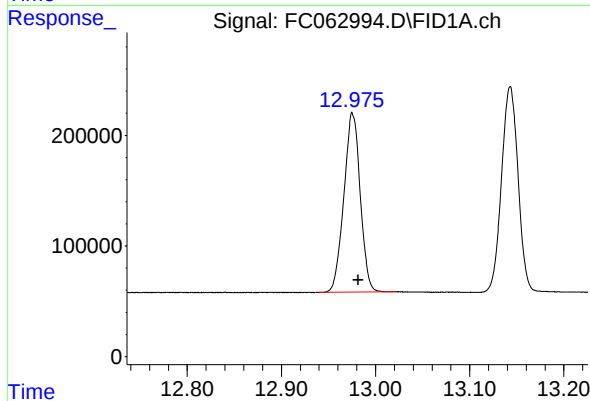
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.007 min
Response: 2264752
Conc: 19.88 ug/ml



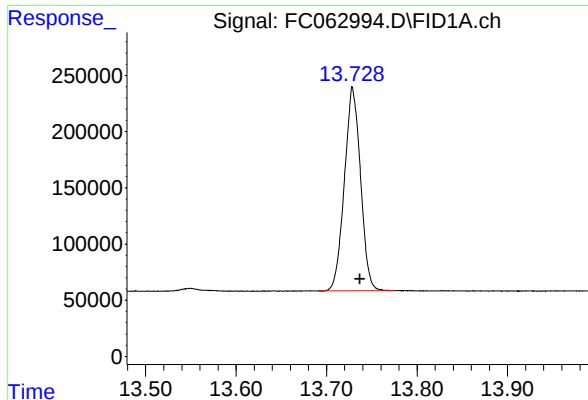
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 2269619
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

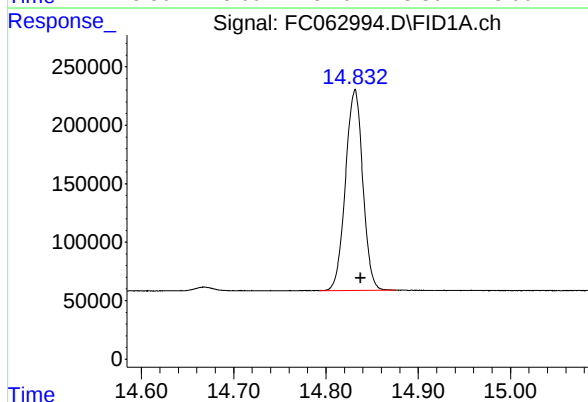
R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 1957923
Conc: 20.07 ug/ml



#13 n-Docosane (C22)

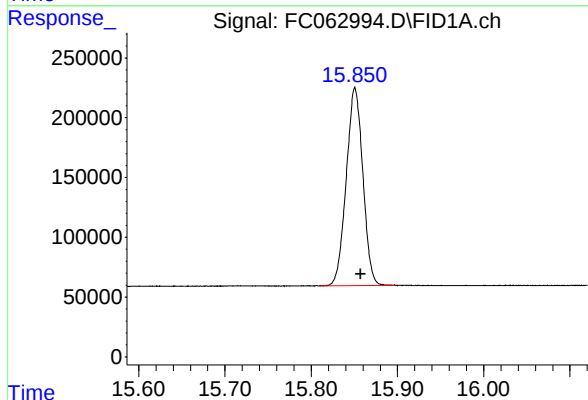
R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 2244150
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



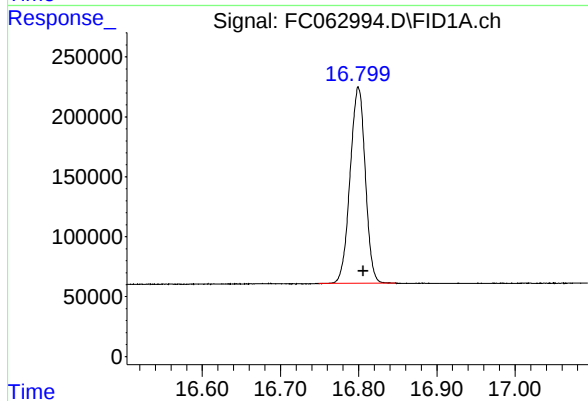
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.006 min
Response: 2239980
Conc: 19.99 ug/ml



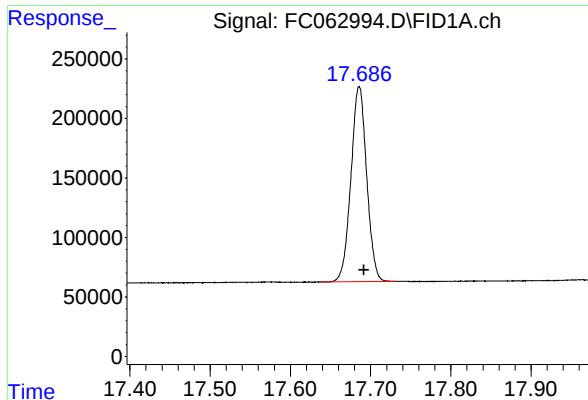
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.007 min
Response: 2215732
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

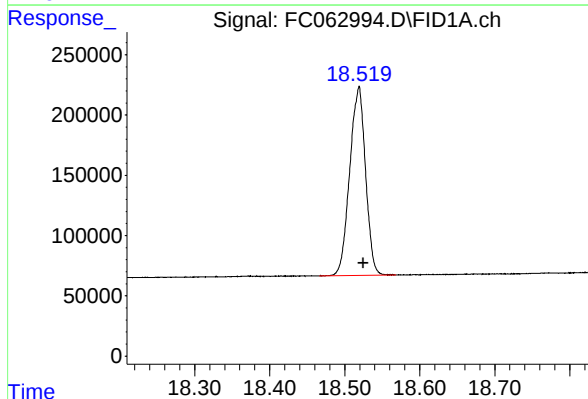
R.T.: 16.800 min
Delta R.T.: -0.006 min
Response: 2212805
Conc: 20.11 ug/ml



#17 n-Tricontane (C30)

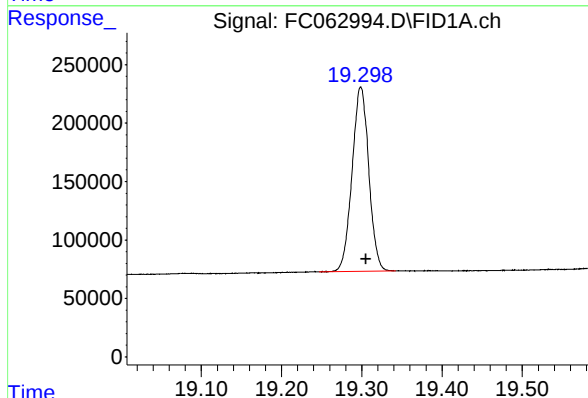
R.T.: 17.686 min
Delta R.T.: -0.006 min
Response: 2238704
Conc: 20.33 ug/ml

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20 PPM ALIPHATIC HC STD



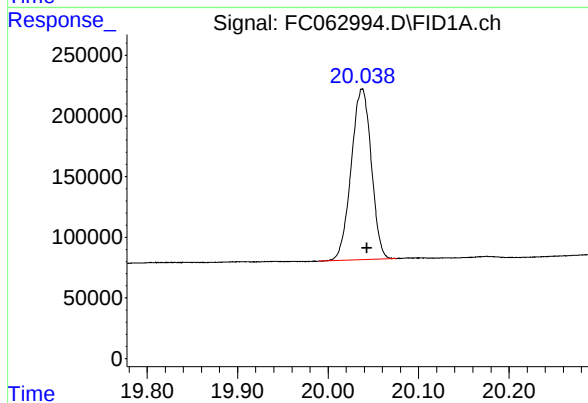
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: -0.006 min
Response: 2290414
Conc: 20.52 ug/ml



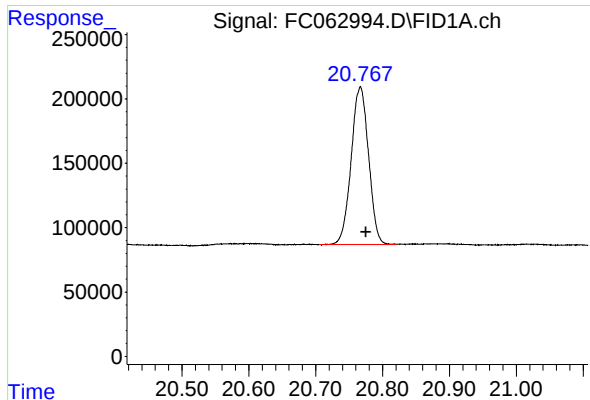
#19 n-Tetatriacontane (C34)

R.T.: 19.299 min
Delta R.T.: -0.007 min
Response: 2280489
Conc: 20.40 ug/ml



#20 n-Hexatriacontane (C36)

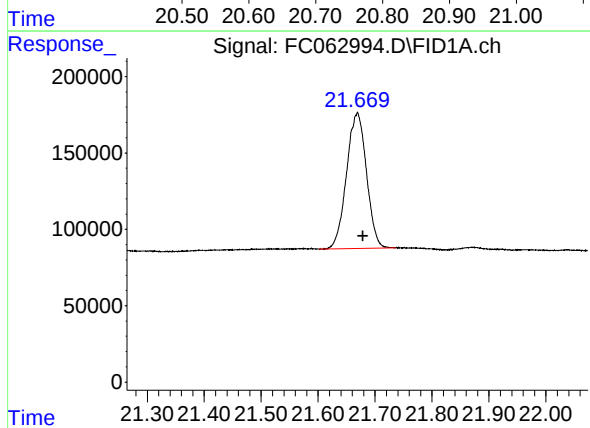
R.T.: 20.038 min
Delta R.T.: -0.005 min
Response: 2168852
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: -0.008 min
Response: 2209953
Conc: 20.34 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: -0.010 min
Response: 2158119
Conc: 19.84 ug/ml