

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030223AL\
 Data File : FC063057.D
 Signal(s) : FID1A.ch
 Acq On : 02 Mar 2023 12:10
 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: Mar 03 00:06:46 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	2670358	20.573 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
12) S 1-chlorooctadecane (S...	12.975	2026609	20.776 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	3.297	2435529	20.543 ug/ml
2) T n-Decane (C10)	4.364	2404943	20.856 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2684667	20.992 ug/ml
4) T n-Dodecane (C12)	6.384	2404631	20.824 ug/ml
5) T A~2-methylnaphthalene...	7.006	2486444	21.125 ug/ml
6) T n-Tetradecane (C14)	8.180	2351971	20.811 ug/ml
7) T n-Hexadecane (C16)	9.782	2390144	20.777 ug/ml
8) T n-Octadecane (C18)	11.223	2431340	20.874 ug/ml
10) T n-Eicosane (C20)	12.532	2367264	20.776 ug/ml
11) T n-Heneicosane (C21)	13.142	2367552	20.774 ug/ml
13) T n-Docosane (C22)	13.729	2338187	20.732 ug/ml
14) T n-Tetracosane (C24)	14.831	2336572	20.850 ug/ml
15) T n-Hexacosane (C26)	15.850	2315284	20.936 ug/ml
16) T n-Octacosane (C28)	16.799	2336370	21.234 ug/ml
17) T n-Tricontane (C30)	17.684	2392082	21.722 ug/ml
18) T n-Dotriacontane (C32)	18.516	2451535	21.966 ug/ml
19) T n-Tetratriacontane (C34)	19.298	2424008	21.688 ug/ml
20) T n-Hexatriacontane (C36)	20.037	2319262	21.365 ug/ml
21) T n-Octatriacontane (C38)	20.765	2294145	21.112 ug/ml
22) T n-Tetracontane (C40)	21.668	2282825	20.983 ug/ml

(f)=RT Delta > 1/2 Window

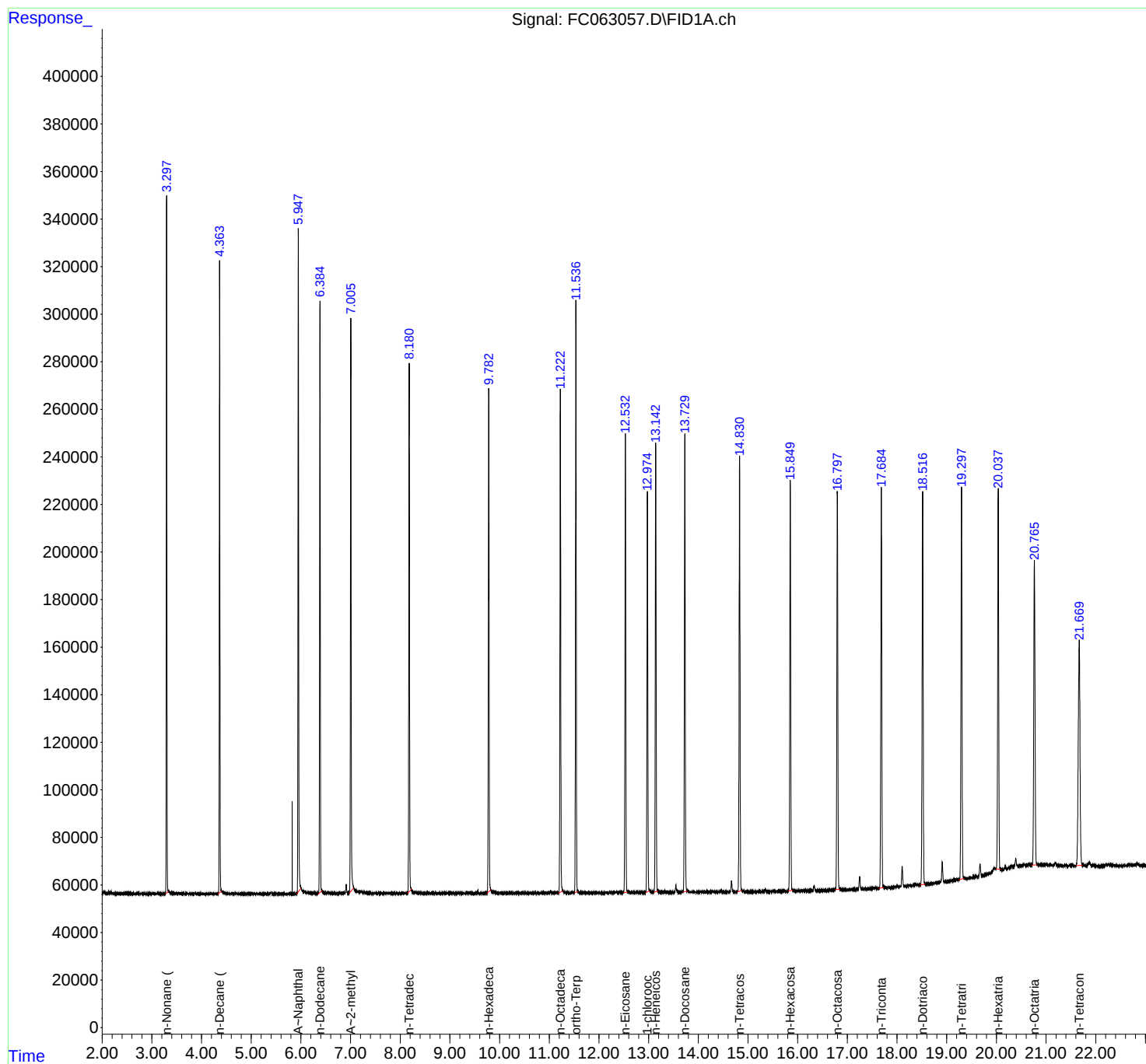
(m)=manual int.

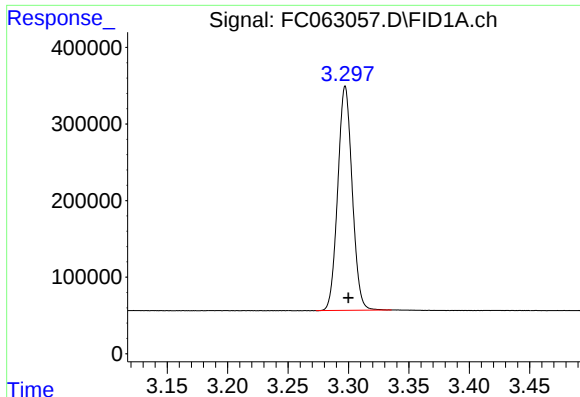
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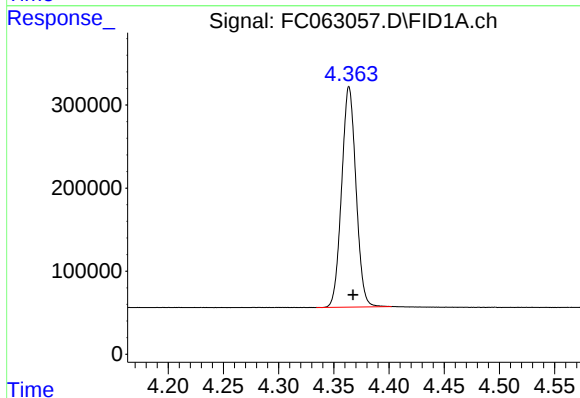




#1 n-Nonane (C9)

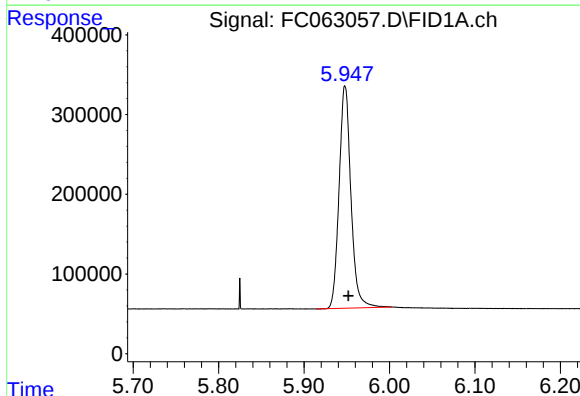
R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 2435529
Conc: 20.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



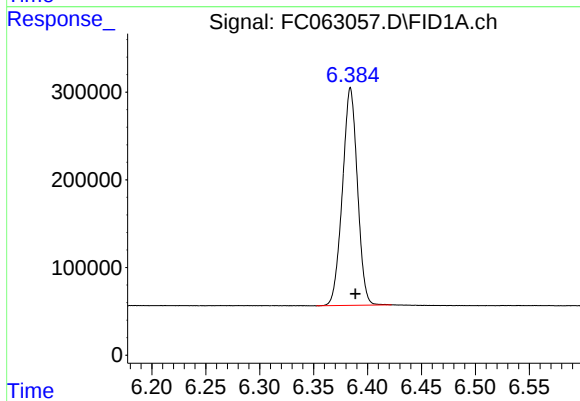
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 2404943
Conc: 20.86 ug/ml



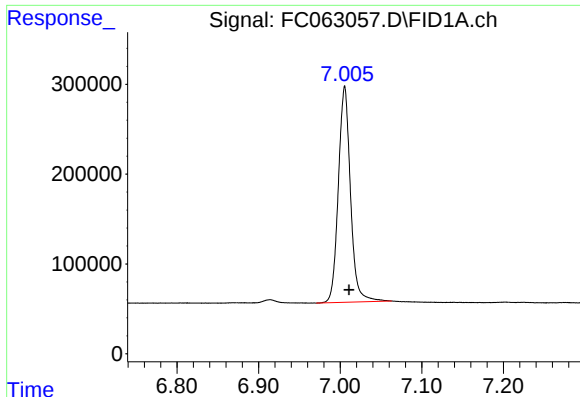
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 2684667
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

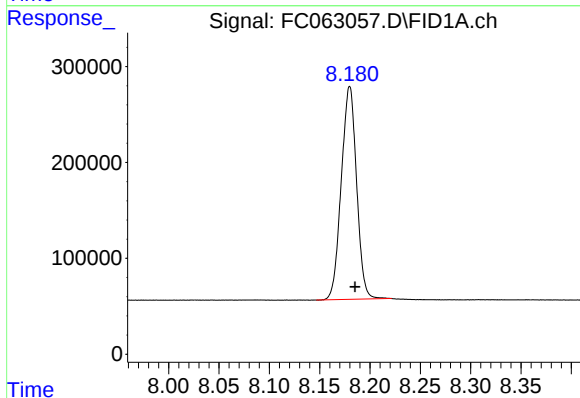
R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 2404631
Conc: 20.82 ug/ml



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

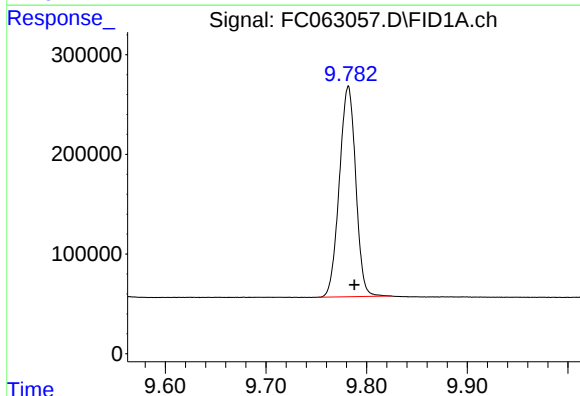
R.T.: 7.006 min
Delta R.T.: -0.005 min
Response: 2486444
Conc: 21.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



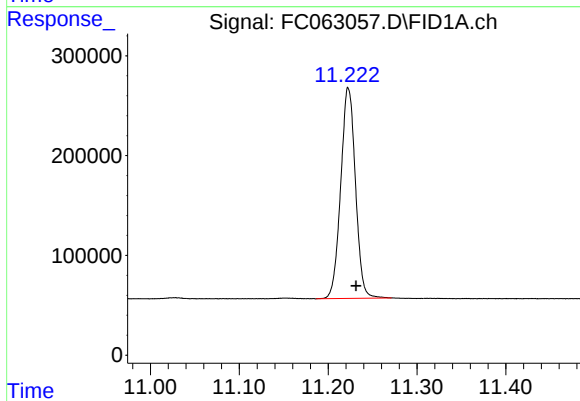
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 2351971
Conc: 20.81 ug/ml



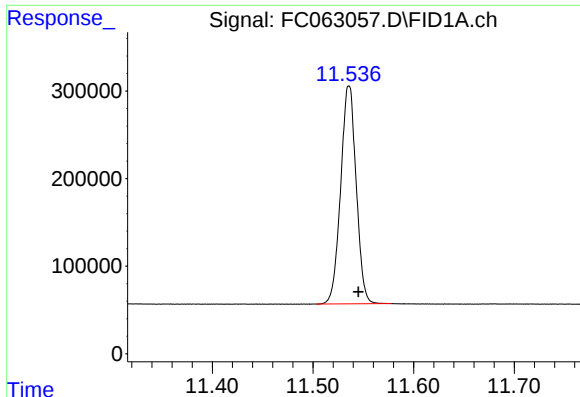
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.006 min
Response: 2390144
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

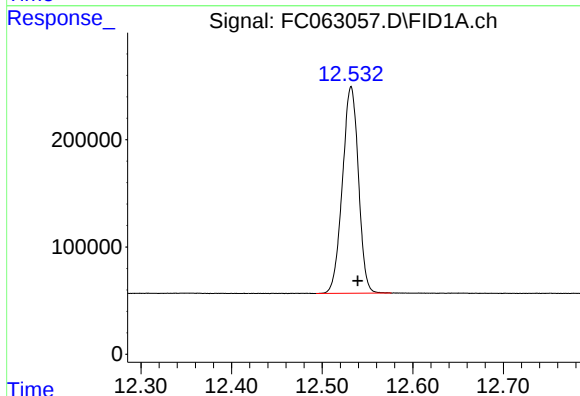
R.T.: 11.223 min
Delta R.T.: -0.009 min
Response: 2431340
Conc: 20.87 ug/ml



#9 ortho-Terphenyl (SURR)

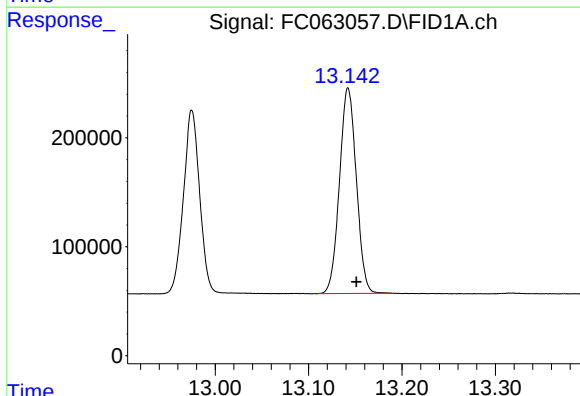
R.T.: 11.536 min
Delta R.T.: -0.009 min
Response: 2670358
Conc: 20.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



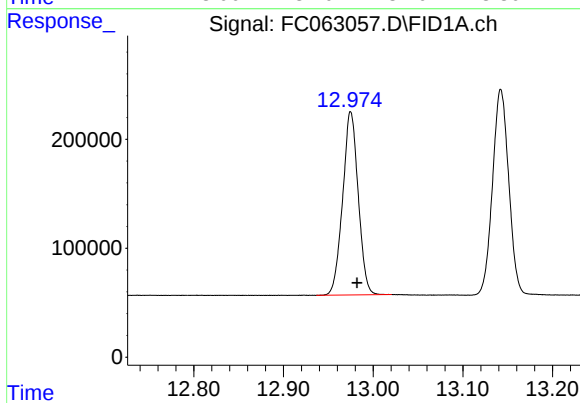
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.007 min
Response: 2367264
Conc: 20.78 ug/ml



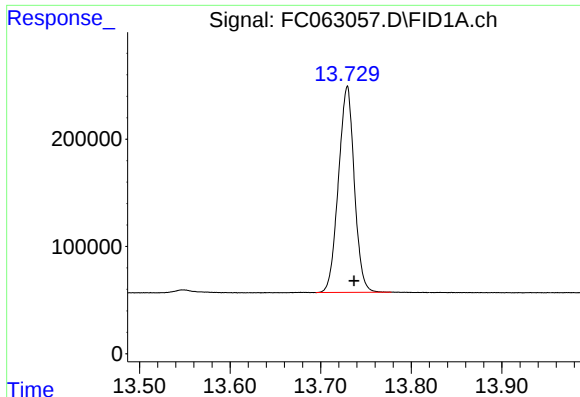
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 2367552
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

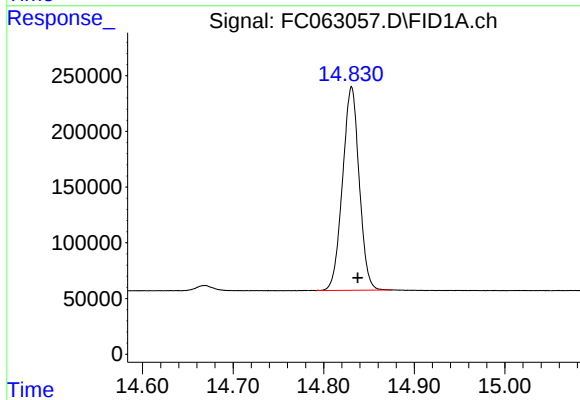
R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 2026609
Conc: 20.78 ug/ml



#13 n-Docosane (C22)

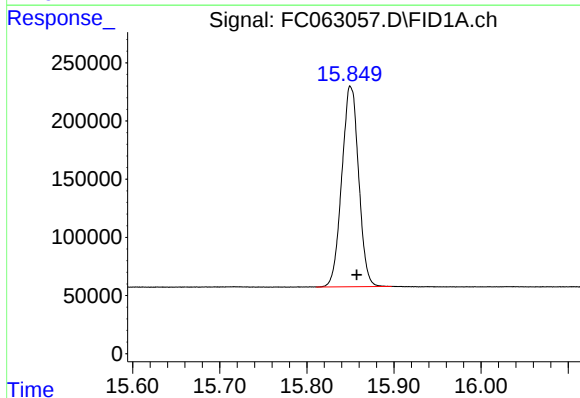
R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 2338187
Conc: 20.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



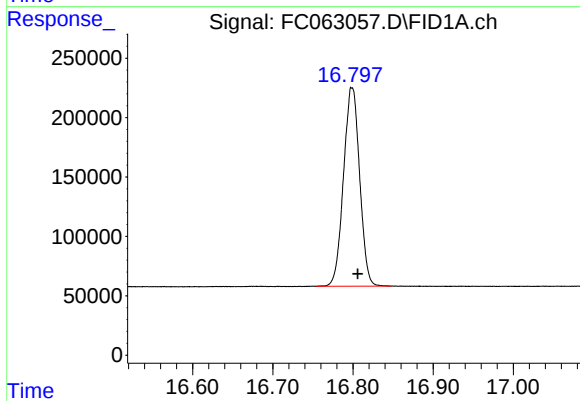
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.007 min
Response: 2336572
Conc: 20.85 ug/ml



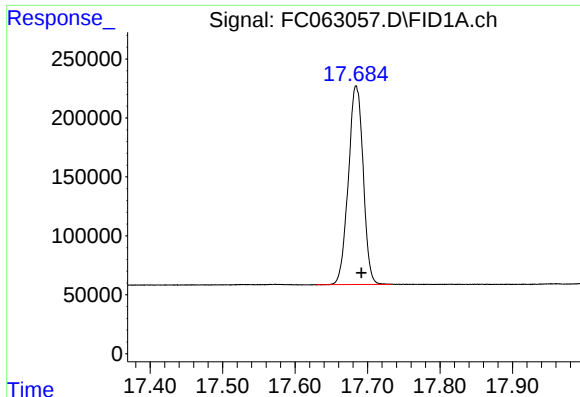
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.007 min
Response: 2315284
Conc: 20.94 ug/ml



#16 n-Octacosane (C28)

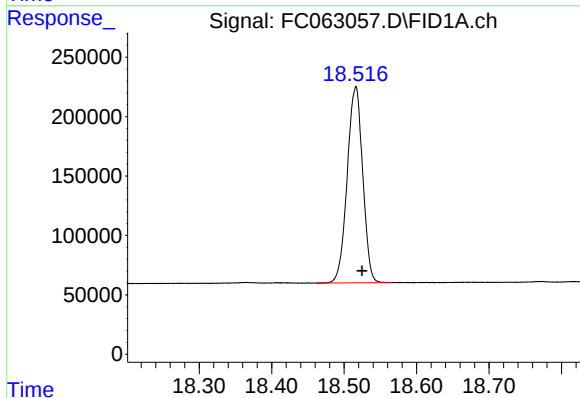
R.T.: 16.799 min
Delta R.T.: -0.007 min
Response: 2336370
Conc: 21.23 ug/ml



#17 n-Tricontane (C30)

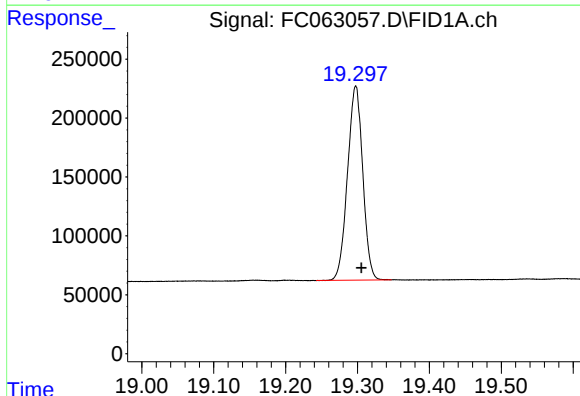
R.T.: 17.684 min
Delta R.T.: -0.008 min
Response: 2392082
Conc: 21.72 ug/ml

Instrument :
FID_C
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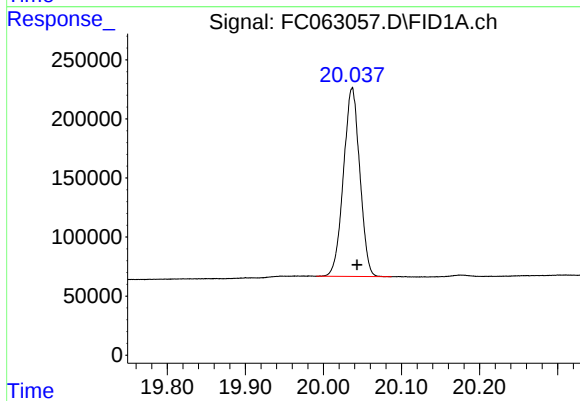
#18 n-Dotriacontane (C32)

R.T.: 18.516 min
Delta R.T.: -0.009 min
Response: 2451535
Conc: 21.97 ug/ml



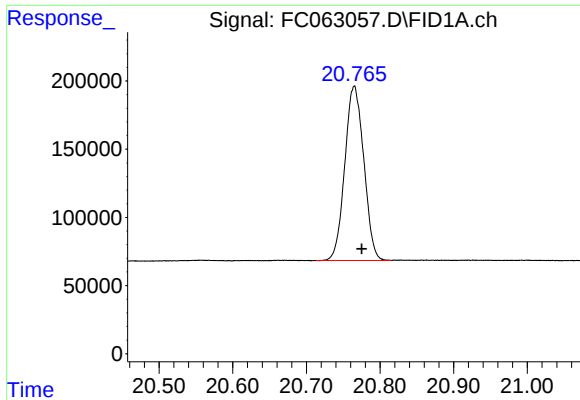
#19 n-Tetratriacontane (C34)

R.T.: 19.298 min
Delta R.T.: -0.008 min
Response: 2424008
Conc: 21.69 ug/ml



#20 n-Hexatriacontane (C36)

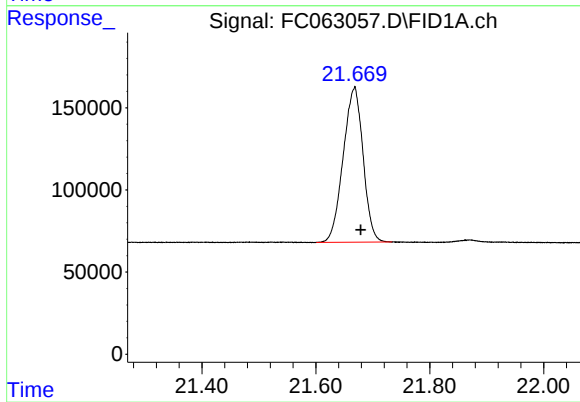
R.T.: 20.037 min
Delta R.T.: -0.006 min
Response: 2319262
Conc: 21.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.010 min
Response: 2294145
Conc: 21.11 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.011 min
Response: 2282825
Conc: 20.98 ug/ml