

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067155.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 18:56
 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: Sep 19 04:07:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.505	2367962	17.006 ug/ml
Spiked Amount 50.000		Recovery =	34.01%
12) S 1-chlorooctadecane (S...	12.944	1708470	17.489 ug/ml
Spiked Amount 50.000		Recovery =	34.98%
Target Compounds			
1) T n-Nonane (C9)	3.278	2253959	16.992 ug/ml
2) T n-Decane (C10)	4.343	2330831	17.354 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2452045	17.253 ug/ml
4) T n-Dodecane (C12)	6.360	2331250	17.416 ug/ml
5) T A~2-methylnaphthalene...	6.978	2317600	17.356 ug/ml
6) T n-Tetradecane (C14)	8.153	2259859	17.535 ug/ml
7) T n-Hexadecane (C16)	9.752	2276508	17.657 ug/ml
8) T n-Octadecane (C18)	11.193	2275280	17.784 ug/ml
10) T n-Eicosane (C20)	12.501	2134045	17.767 ug/ml
11) T n-Heneicosane (C21)	13.113	2075901	17.774 ug/ml
13) T n-Docosane (C22)	13.698	2060158	17.843 ug/ml
14) T n-Tetracosane (C24)	14.800	2087743	18.384 ug/ml
15) T n-Hexacosane (C26)	15.819	2037450	18.384 ug/ml
16) T n-Octacosane (C28)	16.768	2072559	19.187 ug/ml
17) T n-Tricontane (C30)	17.655	2209344	20.311 ug/ml
18) T n-Dotriacontane (C32)	18.486	2197065	21.064 ug/ml
19) T n-Tetratriacontane (C34)	19.269	2048825	22.207 ug/ml
20) T n-Hexatriacontane (C36)	20.009	1832533	23.124 ug/ml
21) T n-Octatriacontane (C38)	20.732	1626222	21.650 ug/ml
22) T n-Tetracontane (C40)	21.621	1422987	20.368 ug/ml

(f)=RT Delta > 1/2 Window

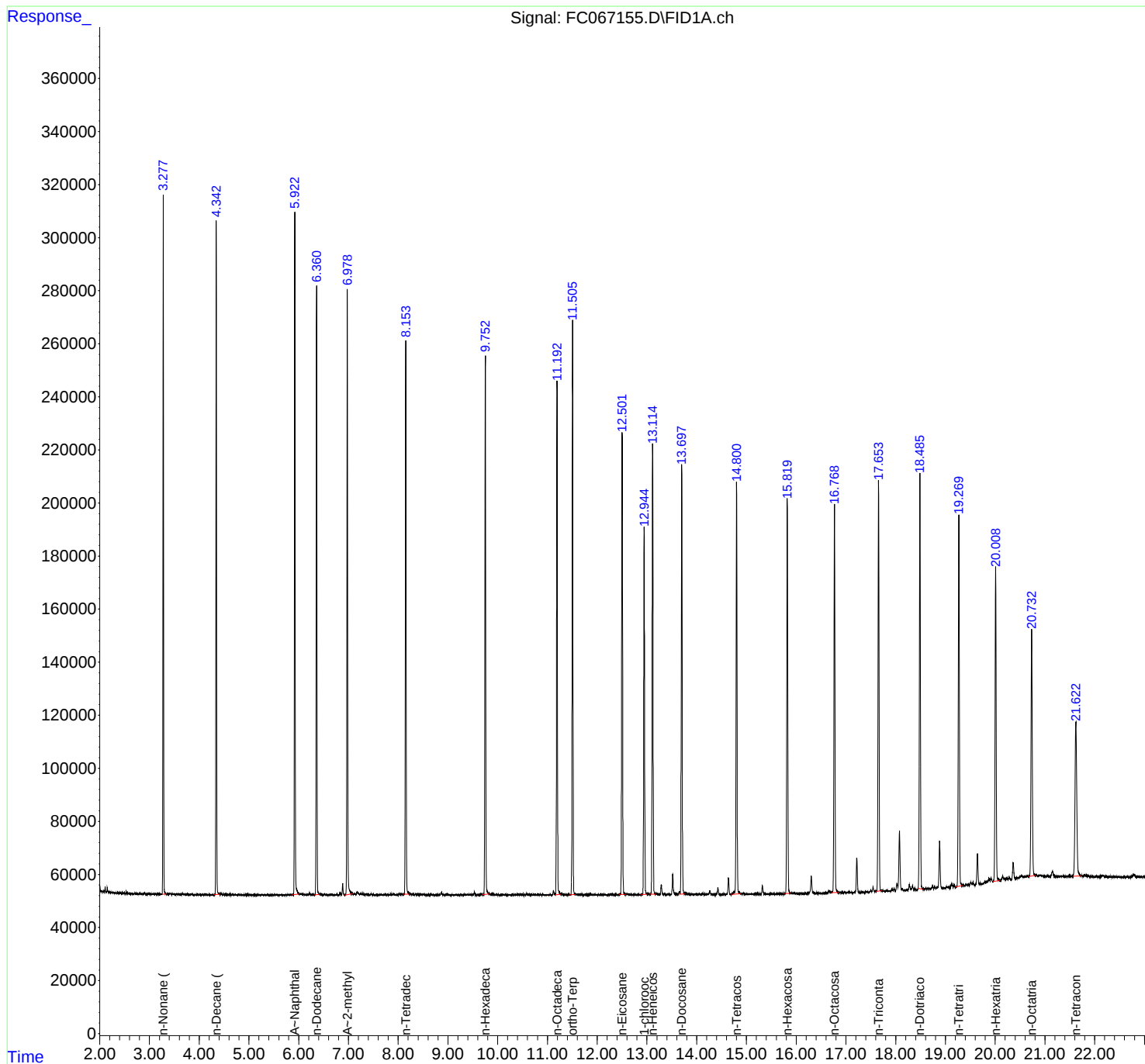
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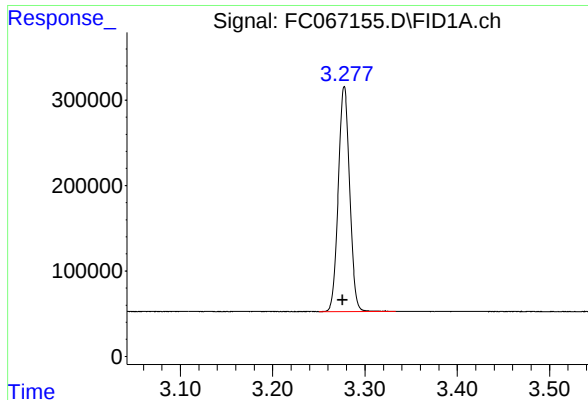
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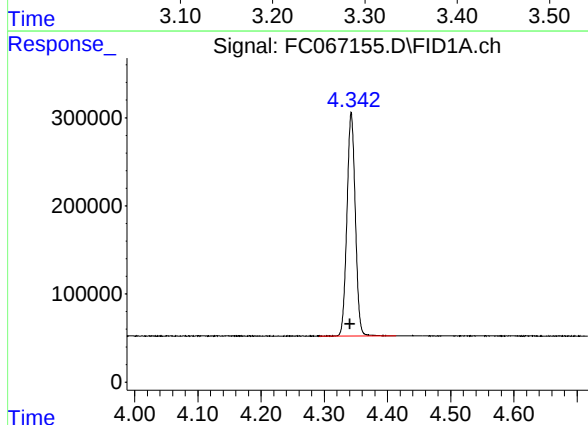




#1 n-Nonane (C9)

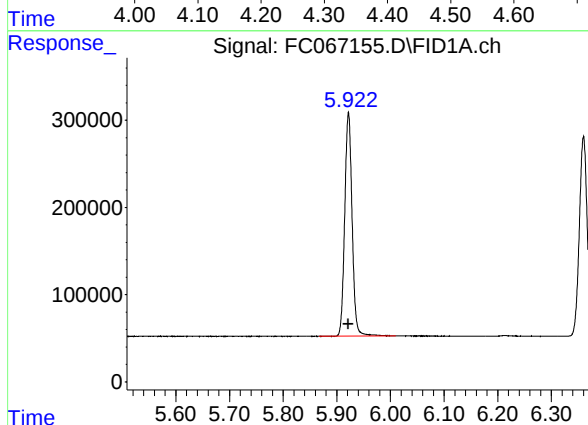
R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 2253959
Conc: 16.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



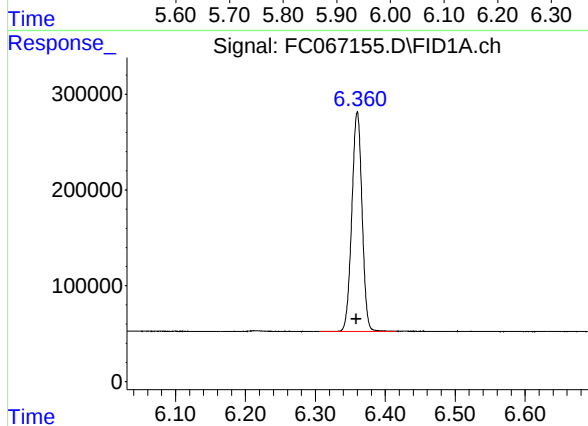
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 2330831
Conc: 17.35 ug/ml



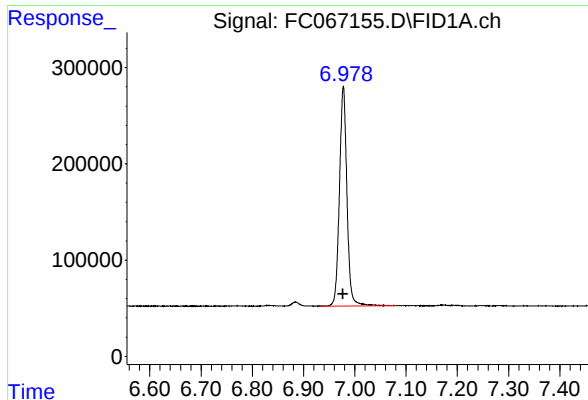
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 2452045
Conc: 17.25 ug/ml



#4 n-Dodecane (C12)

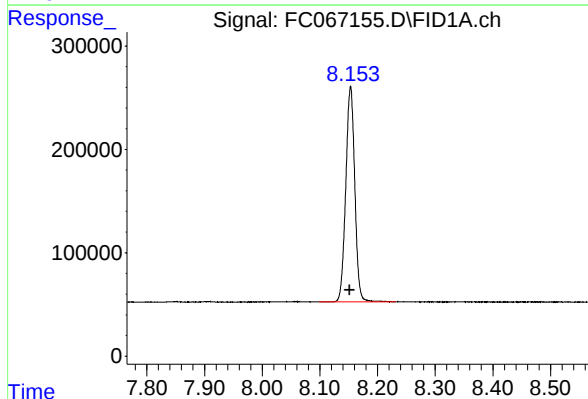
R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 2331250
Conc: 17.42 ug/ml



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

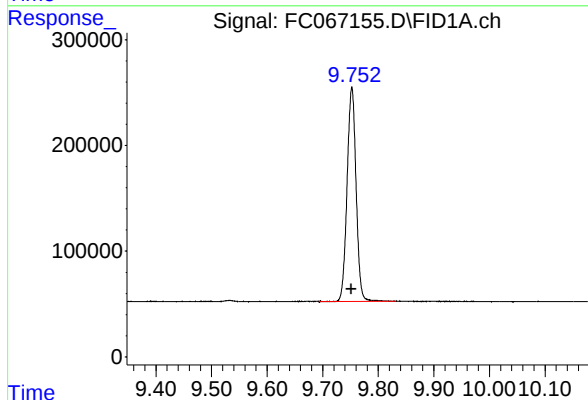
R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 2317600
Conc: 17.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



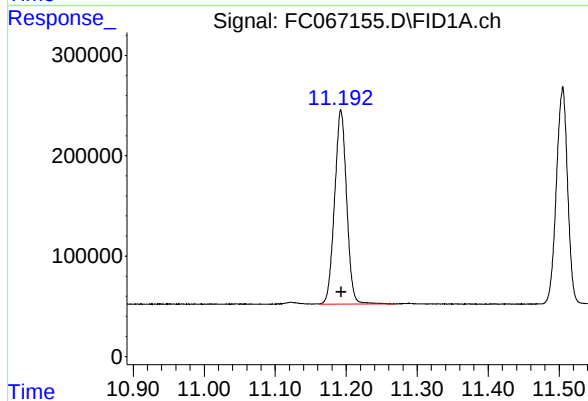
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 2259859
Conc: 17.54 ug/ml



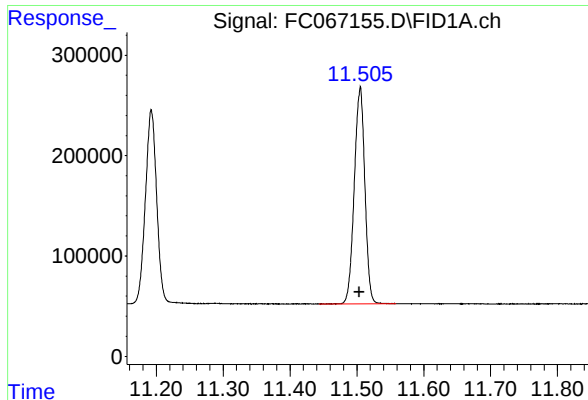
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 2276508
Conc: 17.66 ug/ml



#8 n-Octadecane (C18)

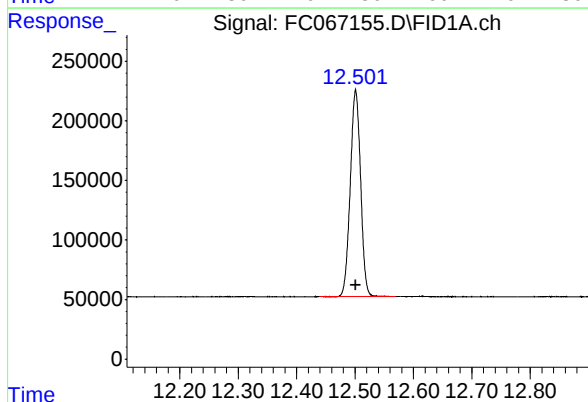
R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 2275280
Conc: 17.78 ug/ml



#9 ortho-Terphenyl (SURR)

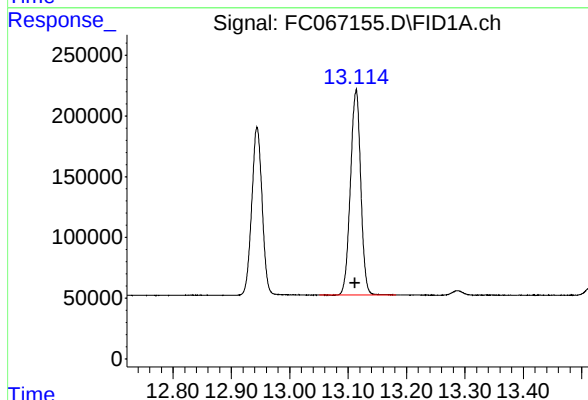
R.T.: 11.505 min
Delta R.T.: 0.000 min
Response: 2367962
Conc: 17.01 ug/ml

Instrument :
FID_C
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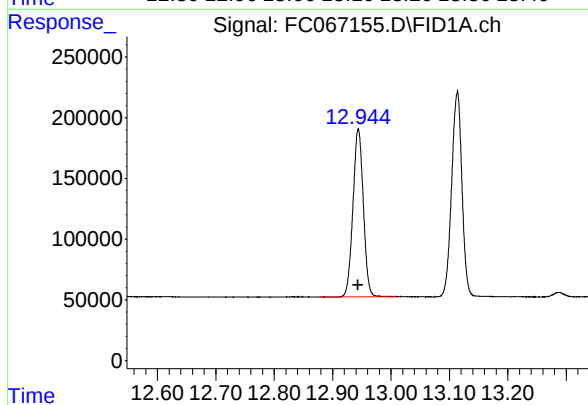
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 2134045
Conc: 17.77 ug/ml



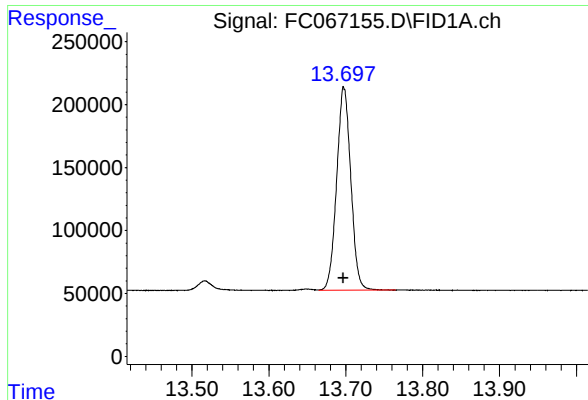
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.002 min
Response: 2075901
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

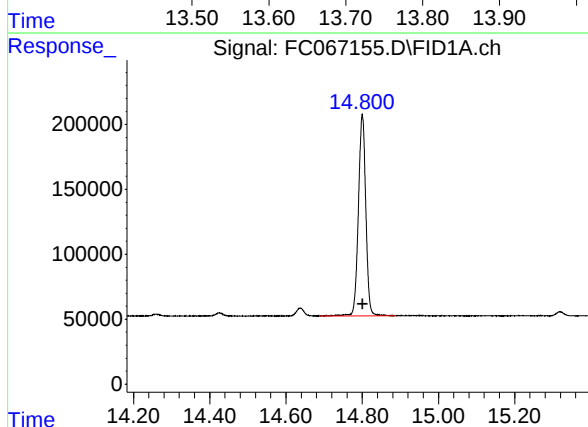
R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 1708470
Conc: 17.49 ug/ml



#13 n-Docosane (C22)

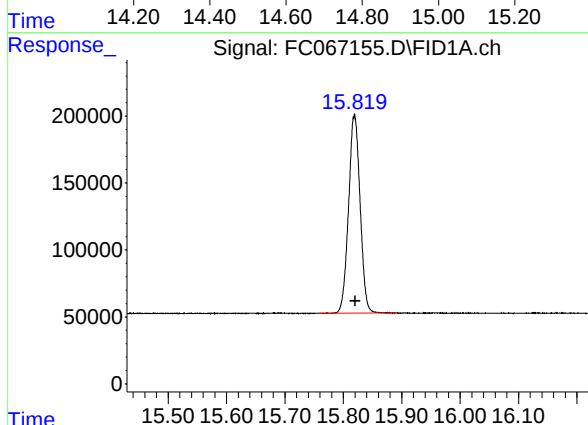
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 2060158
Conc: 17.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



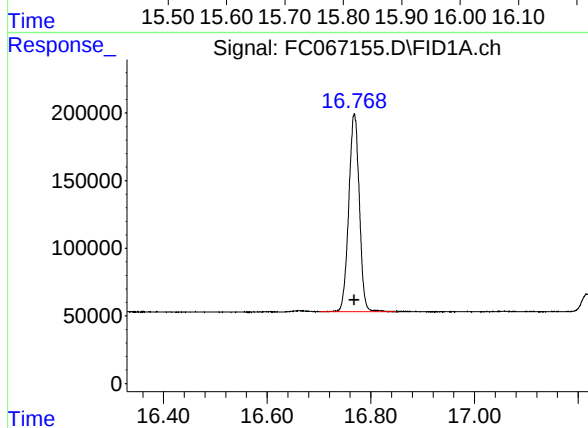
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.000 min
Response: 2087743
Conc: 18.38 ug/ml



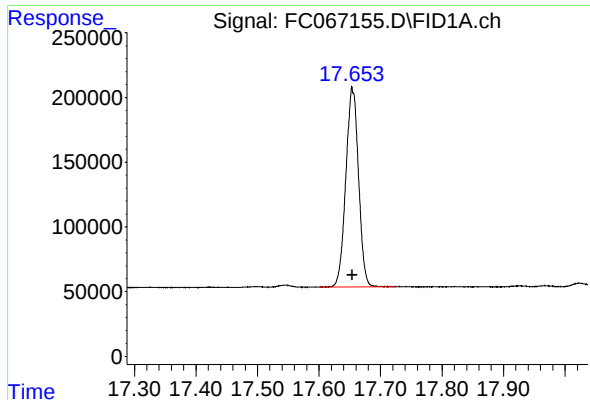
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.001 min
Response: 2037450
Conc: 18.38 ug/ml



#16 n-Octacosane (C28)

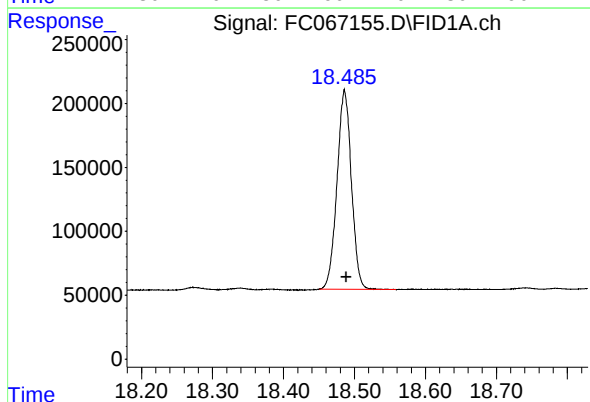
R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 2072559
Conc: 19.19 ug/ml



#17 n-Tricontane (C30)

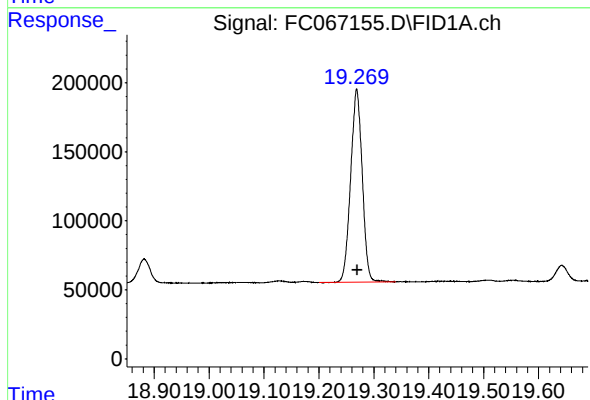
R.T.: 17.655 min
Delta R.T.: 0.000 min
Response: 2209344
Conc: 20.31 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



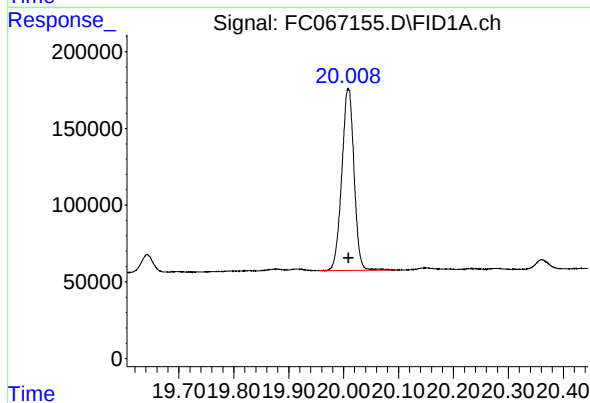
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.002 min
Response: 2197065
Conc: 21.06 ug/ml



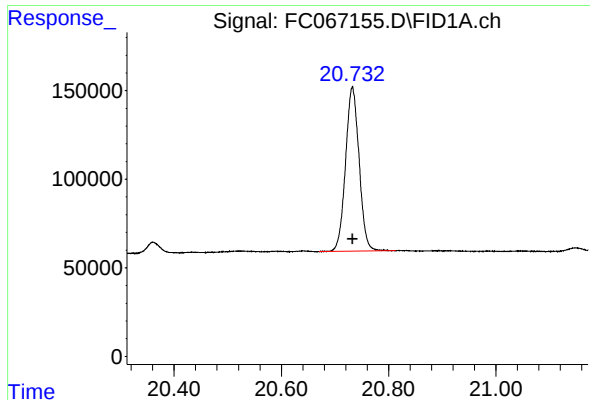
#19 n-Tetatriacontane (C34)

R.T.: 19.269 min
Delta R.T.: 0.000 min
Response: 2048825
Conc: 22.21 ug/ml



#20 n-Hexatriacontane (C36)

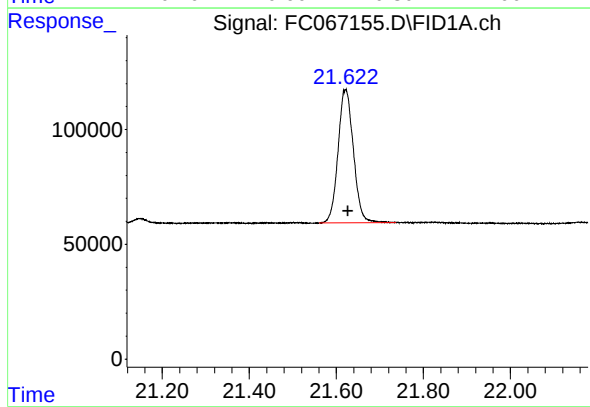
R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 1832533
Conc: 23.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: 0.000 min
Response: 1626222
Conc: 21.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.006 min
Response: 1422987
Conc: 20.37 ug/ml