

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020723AL\
 Data File : FC062878.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2023 13:11
 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 08 01:15:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.547	2302642	18.518 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
12) S 1-chlorooctadecane (S...	12.987	1761573	18.677 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.302	2068975	19.144 ug/ml
2) T n-Decane (C10)	4.370	2045142	19.684 ug/ml
3) T A~Naphthalene (C11.7)	5.957	2291332	19.374 ug/ml
4) T n-Dodecane (C12)	6.392	2063182	19.959 ug/ml
5) T A~2-methylnaphthalene...	7.015	2140264	19.561 ug/ml
6) T n-Tetradecane (C14)	8.188	2056035	20.041 ug/ml
7) T n-Hexadecane (C16)	9.790	2092652	19.342 ug/ml
8) T n-Octadecane (C18)	11.232	2099923	18.942 ug/ml
10) T n-Eicosane (C20)	12.543	2044640	18.753 ug/ml
11) T n-Heneicosane (C21)	13.153	2046131	18.799 ug/ml
13) T n-Docosane (C22)	13.740	2017239	18.724 ug/ml
14) T n-Tetracosane (C24)	14.842	2070601	19.334 ug/ml
15) T n-Hexacosane (C26)	15.862	2099686	19.924 ug/ml
16) T n-Octacosane (C28)	16.811	2152748	20.602 ug/ml
17) T n-Tricontane (C30)	17.698	2255384	21.599 ug/ml
18) T n-Dotriacontane (C32)	18.530	2308427	21.371 ug/ml
19) T n-Tetratriacontane (C34)	19.311	2208501	21.011 ug/ml
20) T n-Hexatriacontane (C36)	20.048	2083404	20.688 ug/ml
21) T n-Octatriacontane (C38)	20.784	2046589	20.384 ug/ml
22) T n-Tetracontane (C40)	21.686	2024650	21.006 ug/ml

(f)=RT Delta > 1/2 Window

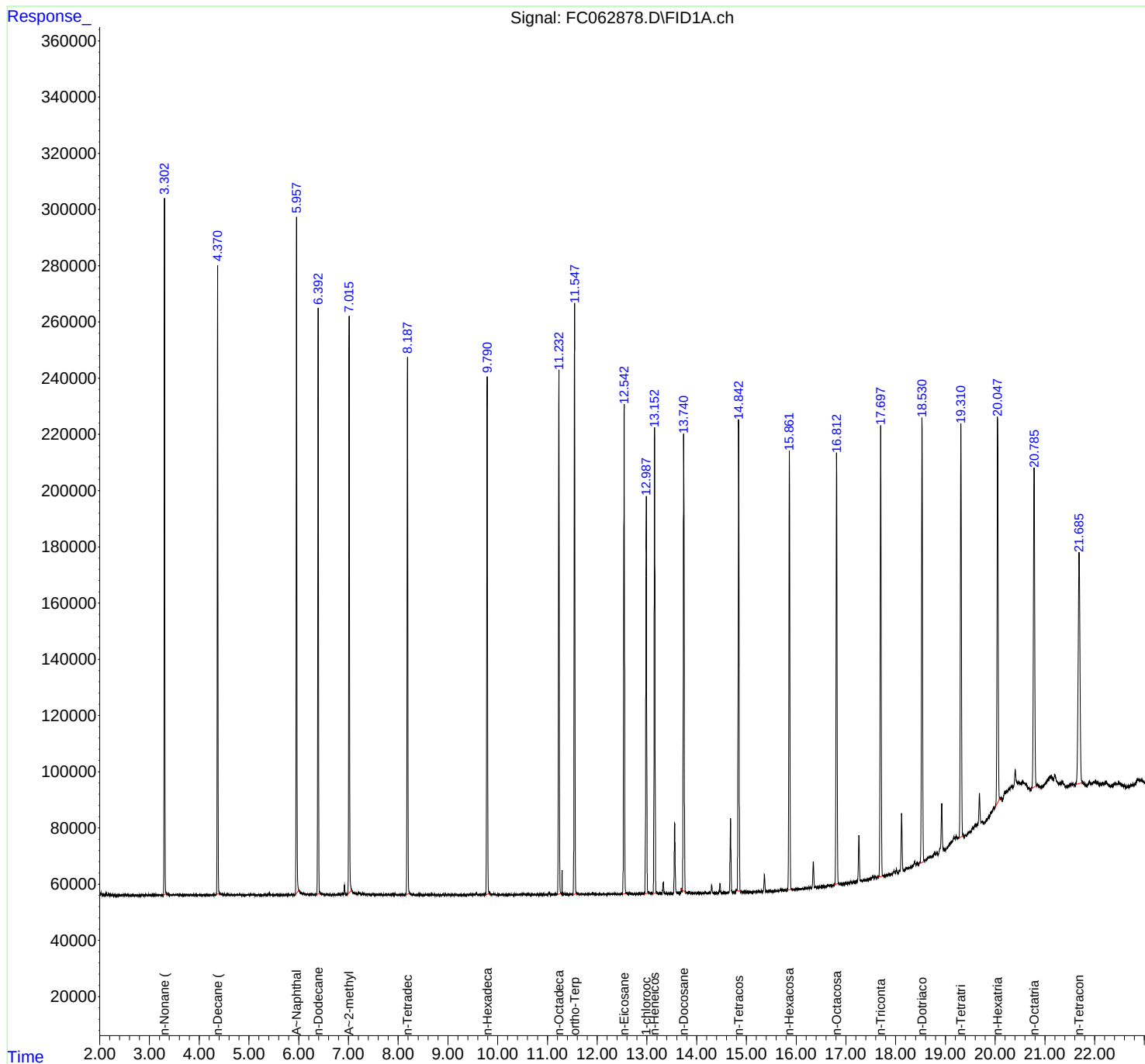
(m)=manual int.

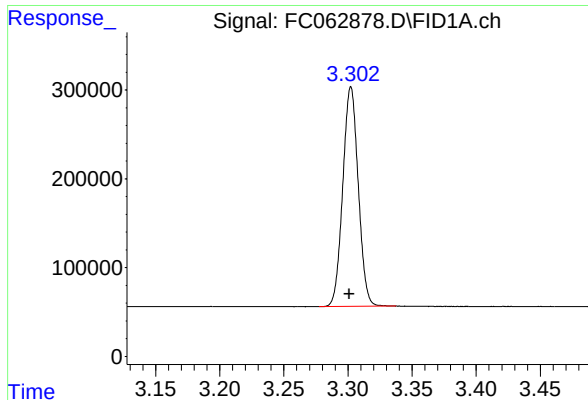
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020723AL\
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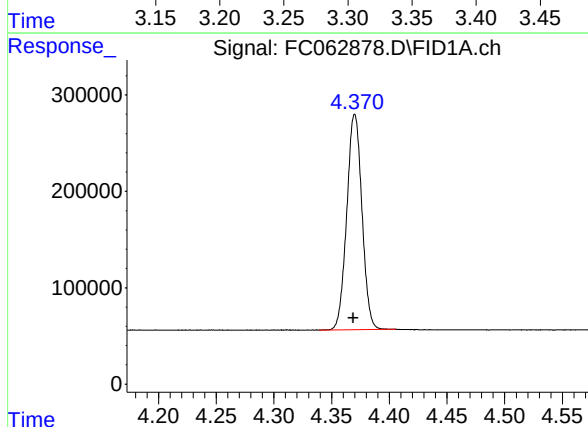




#1 n-Nonane (C9)

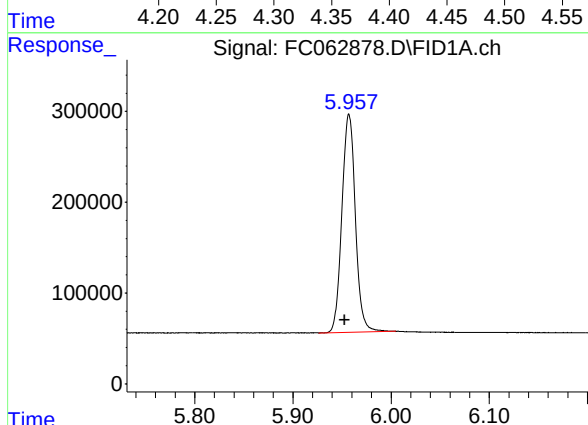
R.T.: 3.302 min
Delta R.T.: 0.001 min
Response: 2068975
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



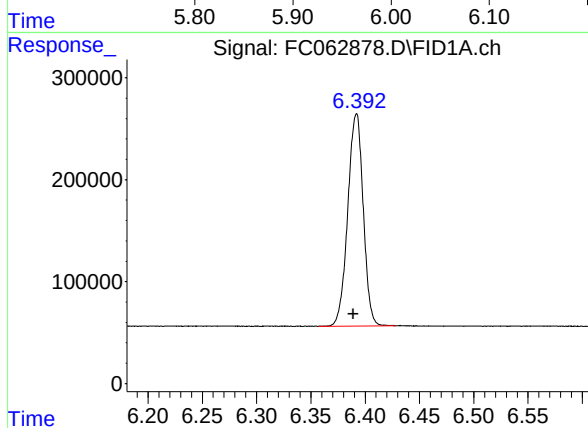
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.001 min
Response: 2045142
Conc: 19.68 ug/ml



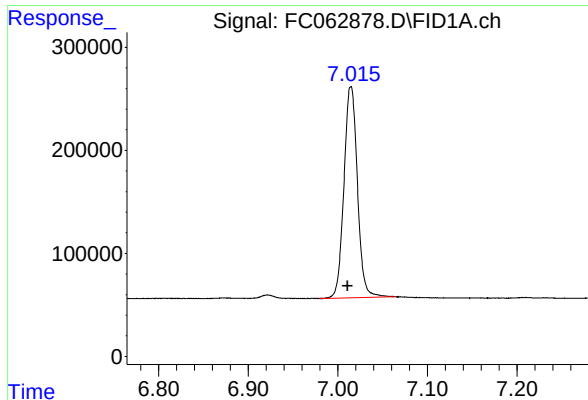
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.004 min
Response: 2291332
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

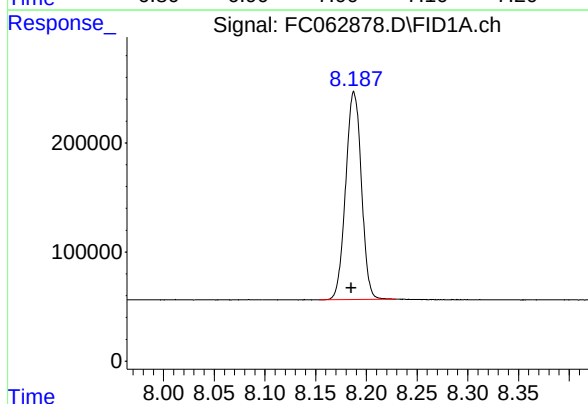
R.T.: 6.392 min
Delta R.T.: 0.003 min
Response: 2063182
Conc: 19.96 ug/ml



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

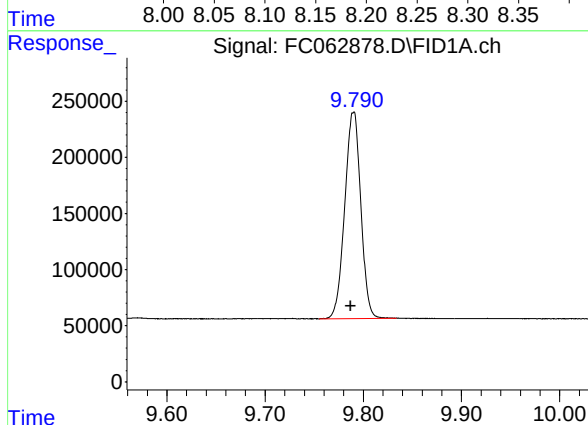
R.T.: 7.015 min
Delta R.T.: 0.004 min
Response: 2140264
Conc: 19.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



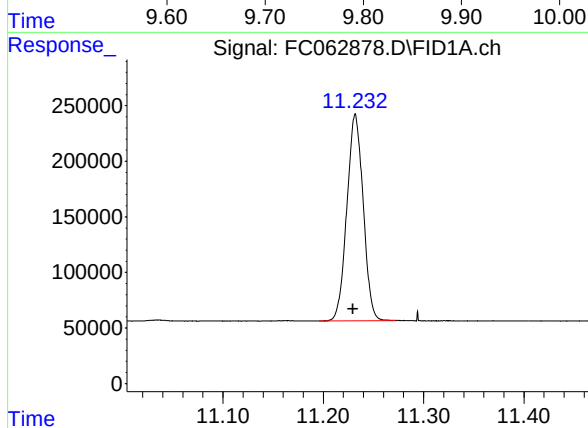
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.002 min
Response: 2056035
Conc: 20.04 ug/ml



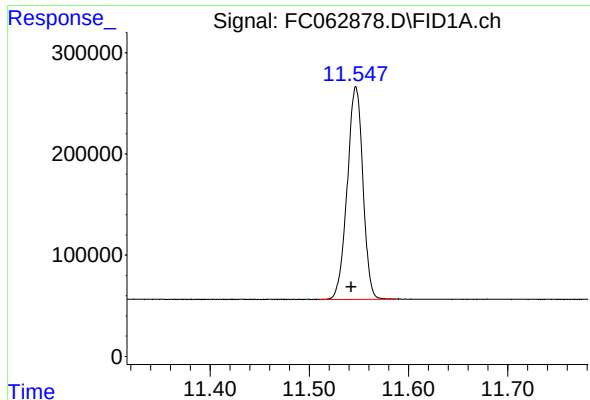
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: 0.003 min
Response: 2092652
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

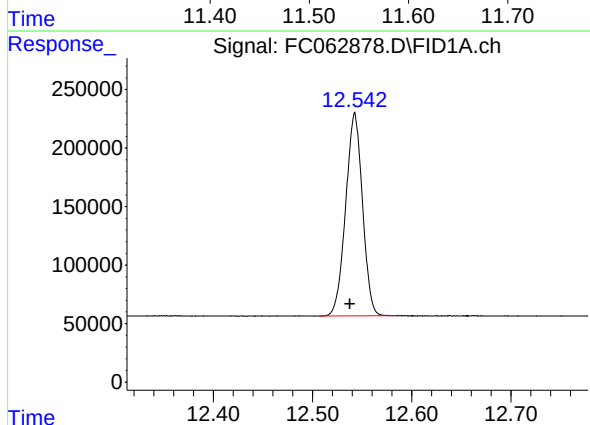
R.T.: 11.232 min
Delta R.T.: 0.002 min
Response: 2099923
Conc: 18.94 ug/ml



#9 ortho-Terphenyl (SURR)

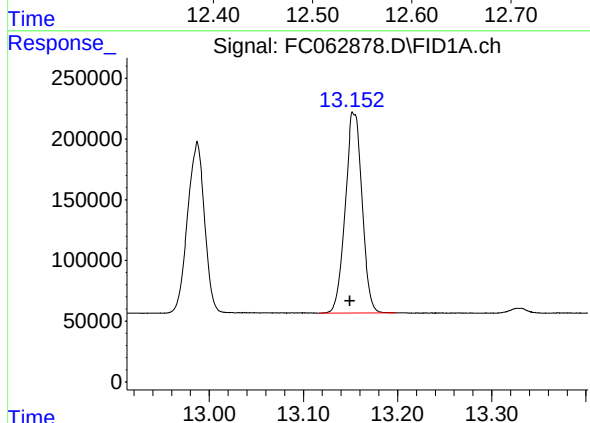
R.T.: 11.547 min
Delta R.T.: 0.005 min
Response: 2302642
Conc: 18.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



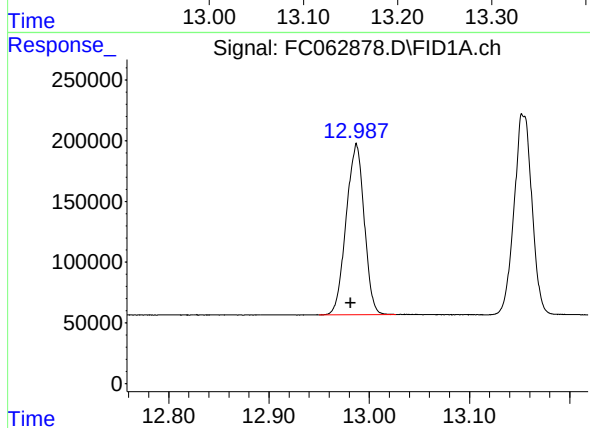
#10 n-Eicosane (C20)

R.T.: 12.543 min
Delta R.T.: 0.005 min
Response: 2044640
Conc: 18.75 ug/ml



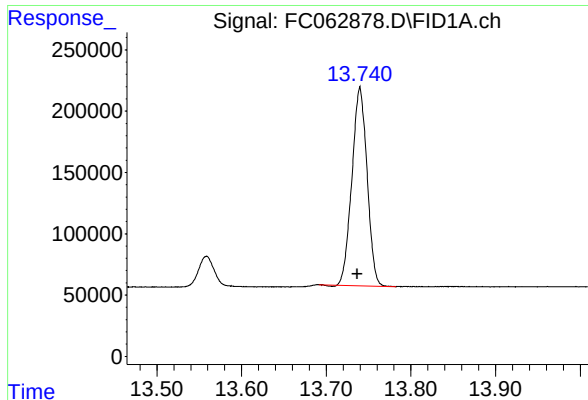
#11 n-Heneicosane (C21)

R.T.: 13.153 min
Delta R.T.: 0.004 min
Response: 2046131
Conc: 18.80 ug/ml



#12 1-chlorooctadecane (SURR)

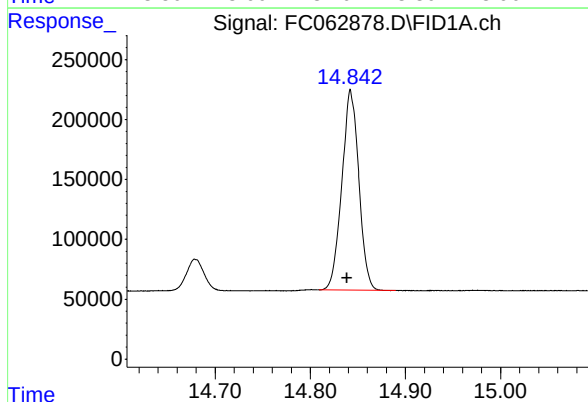
R.T.: 12.987 min
Delta R.T.: 0.006 min
Response: 1761573
Conc: 18.68 ug/ml



#13 n-Docosane (C22)

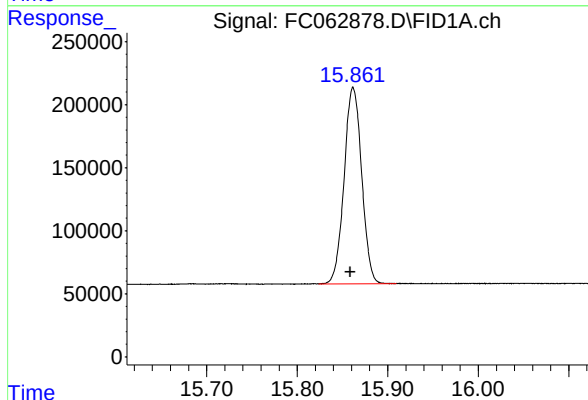
R.T.: 13.740 min
Delta R.T.: 0.003 min
Response: 2017239
Conc: 18.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



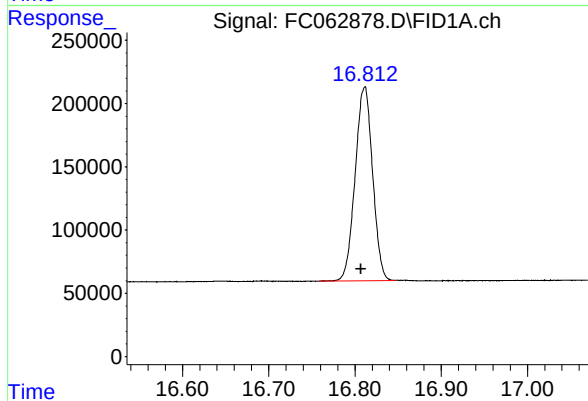
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: 0.004 min
Response: 2070601
Conc: 19.33 ug/ml



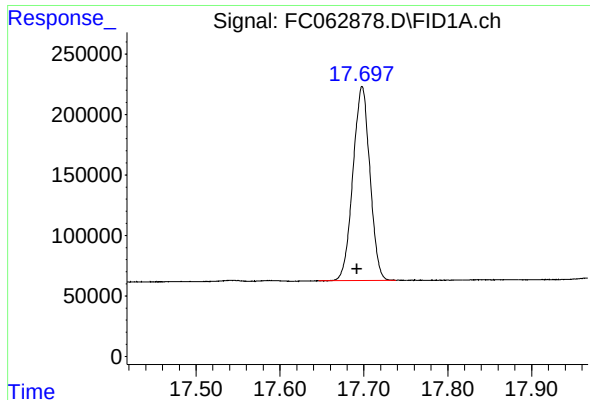
#15 n-Hexacosane (C26)

R.T.: 15.862 min
Delta R.T.: 0.003 min
Response: 2099686
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

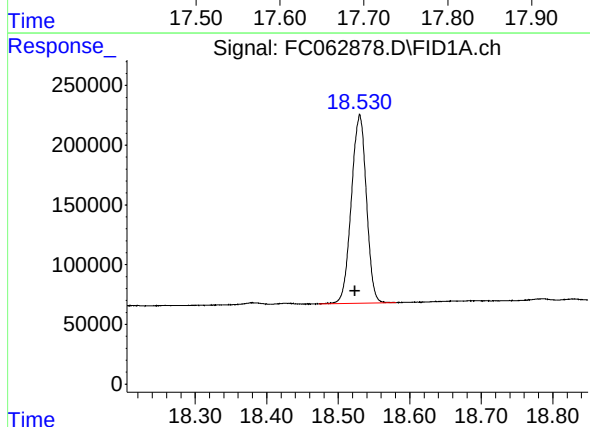
R.T.: 16.811 min
Delta R.T.: 0.004 min
Response: 2152748
Conc: 20.60 ug/ml



#17 n-Tricontane (C30)

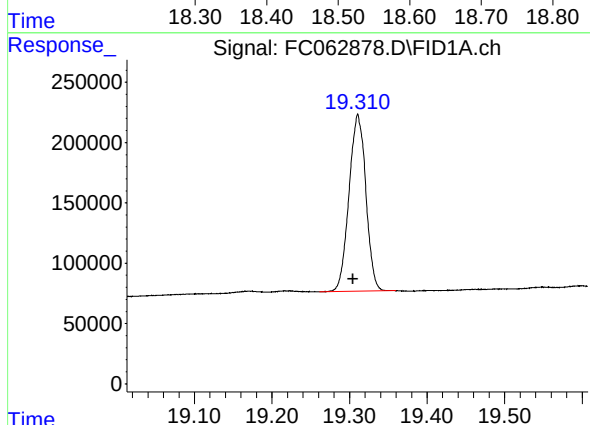
R.T.: 17.698 min
Delta R.T.: 0.006 min
Response: 2255384
Conc: 21.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



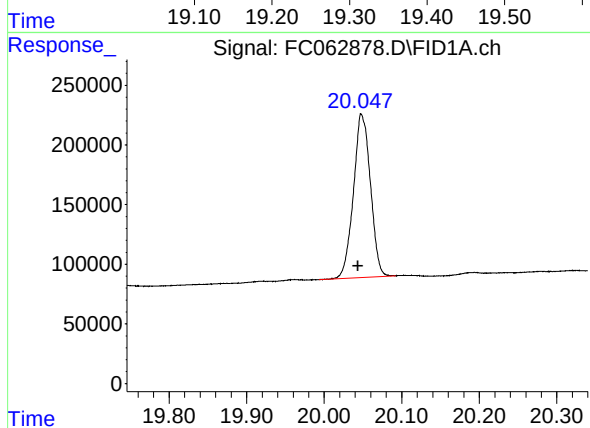
#18 n-Dotriacontane (C32)

R.T.: 18.530 min
Delta R.T.: 0.007 min
Response: 2308427
Conc: 21.37 ug/ml



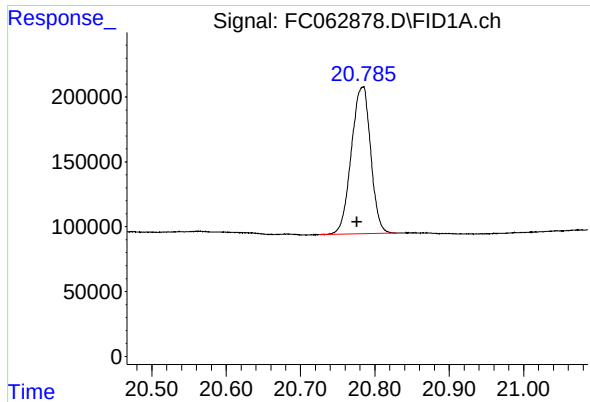
#19 n-Tetatriacontane (C34)

R.T.: 19.311 min
Delta R.T.: 0.006 min
Response: 2208501
Conc: 21.01 ug/ml



#20 n-Hexatriacontane (C36)

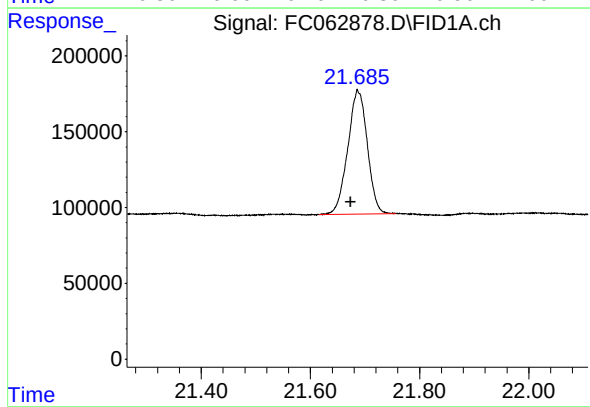
R.T.: 20.048 min
Delta R.T.: 0.004 min
Response: 2083404
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: 0.008 min
Response: 2046589
Conc: 20.38 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.686 min
Delta R.T.: 0.012 min
Response: 2024650
Conc: 21.01 ug/ml