

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058400.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2022 19:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 22 00:27:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022122.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 21 16:43:36 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.384	29278297	19.024 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
12) S 1-chlorooctadecane (S...	12.815	22224853	19.034 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T n-Nonane (C9)	3.360	24860706	18.995 ug/ml
2) T n-Decane (C10)	4.330	25519861	19.310 ug/ml
3) T A~Naphthalene (C11.7)	5.844	28197826	19.287 ug/ml
4) T n-Dodecane (C12)	6.279	25671784	19.063 ug/ml
5) T A~2-methylnaphthalene...	6.884	28076992	19.186 ug/ml
6) T n-Tetradecane (C14)	8.054	25778158	19.051 ug/ml
7) T n-Hexadecane (C16)	9.643	25978448	19.032 ug/ml
8) T n-Octadecane (C18)	11.078	26130824	19.011 ug/ml
10) T n-Eicosane (C20)	12.377	25887809	19.013 ug/ml
11) T n-Heneicosane (C21)	12.987	25947165	19.031 ug/ml
13) T n-Docosane (C22)	13.570	25854779	19.031 ug/ml
14) T n-Tetracosane (C24)	14.667	25701636	19.085 ug/ml
15) T n-Hexacosane (C26)	15.682	25220059	19.089 ug/ml
16) T n-Octacosane (C28)	16.628	24666391	19.046 ug/ml
17) T n-Tricontane (C30)	17.511	23809459	18.963 ug/ml
18) T n-Dotriacontane (C32)	18.339	22363226	18.861 ug/ml
19) T n-Tetratriacontane (C34)	19.117	20508683	18.814 ug/ml
20) T n-Hexatriacontane (C36)	19.853	18504199	18.681 ug/ml
21) T n-Octatriacontane (C38)	20.557	16285929	18.437 ug/ml
22) T n-Tetracontane (C40)	21.379	13962981	18.114 ug/ml

(f)=RT Delta > 1/2 Window

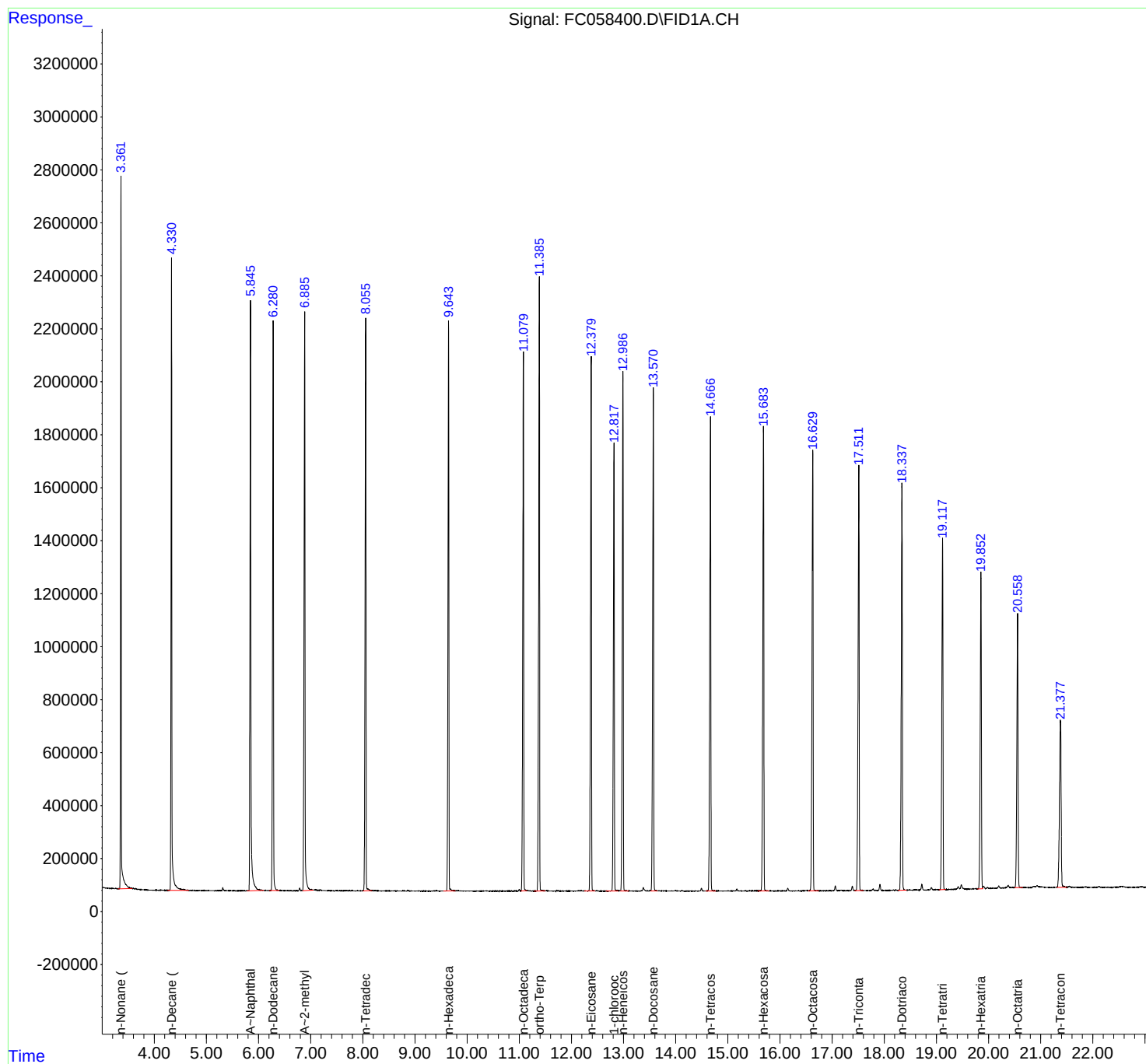
(m)=manual int.

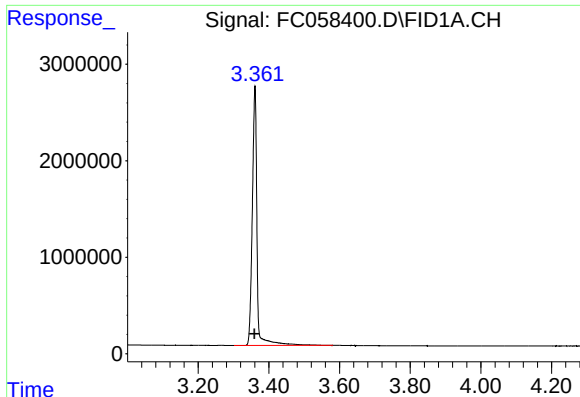
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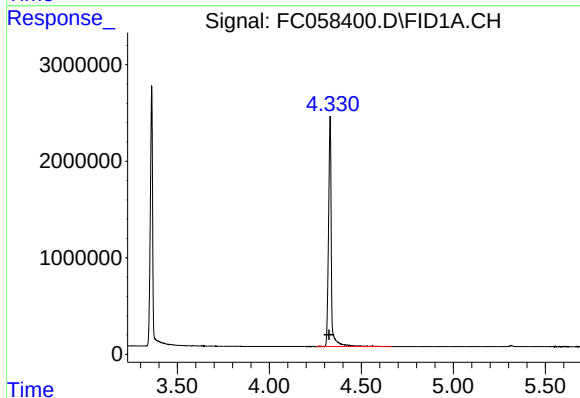




#1 n-Nonane (C9)

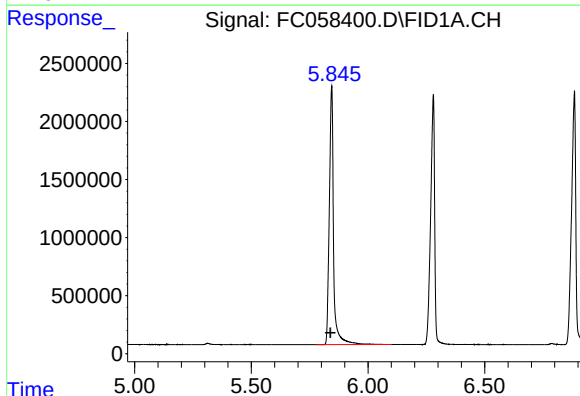
R.T.: 3.360 min
Delta R.T.: 0.001 min
Response: 24860706
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



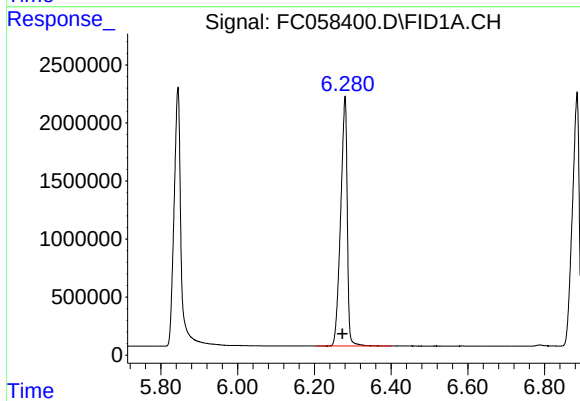
#2 n-Decane (C10)

R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 25519861
Conc: 19.31 ug/ml



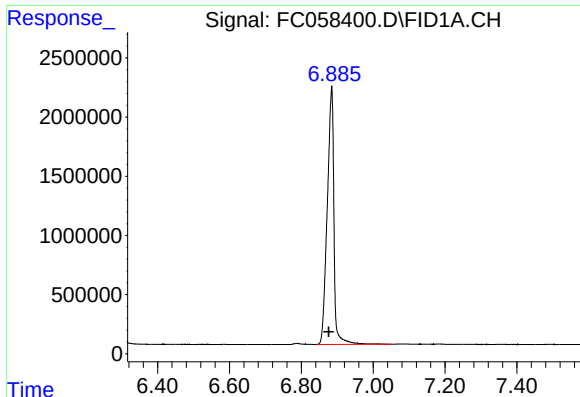
#3 A~Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: 0.005 min
Response: 28197826
Conc: 19.29 ug/ml



#4 n-Dodecane (C12)

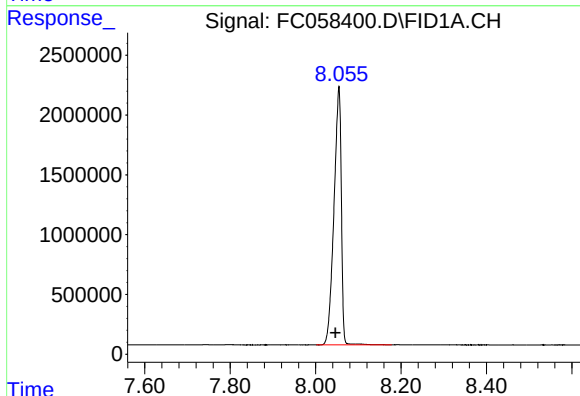
R.T.: 6.279 min
Delta R.T.: 0.006 min
Response: 25671784
Conc: 19.06 ug/ml



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

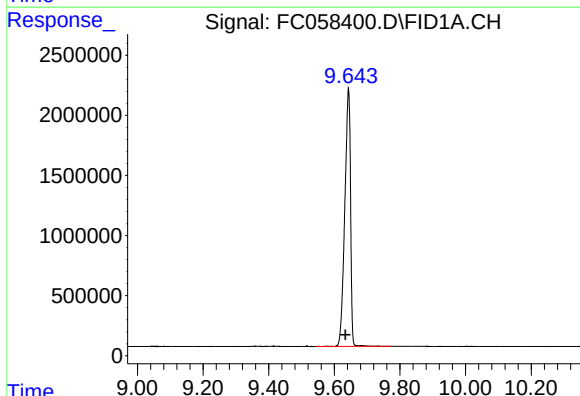
R.T.: 6.884 min
Delta R.T.: 0.007 min
Response: 28076992
Conc: 19.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



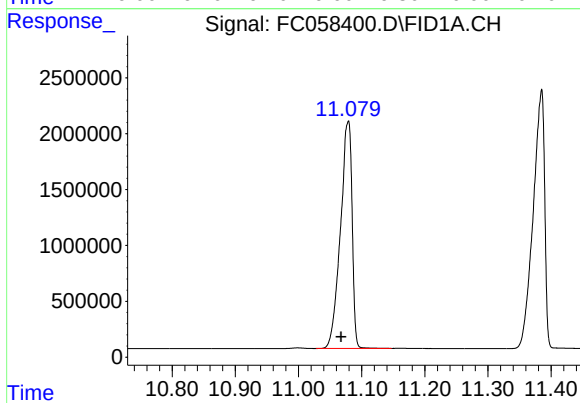
#6 n-Tetradecane (C14)

R.T.: 8.054 min
Delta R.T.: 0.008 min
Response: 25778158
Conc: 19.05 ug/ml



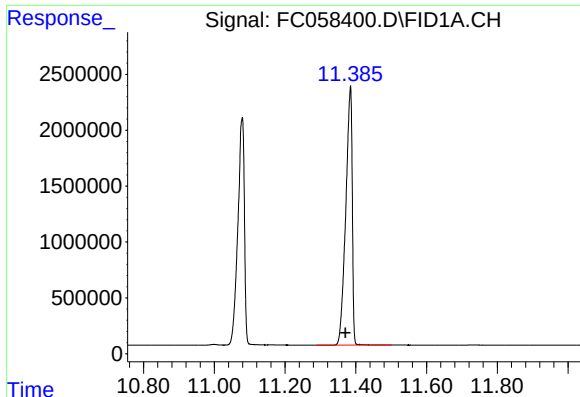
#7 n-Hexadecane (C16)

R.T.: 9.643 min
Delta R.T.: 0.009 min
Response: 25978448
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

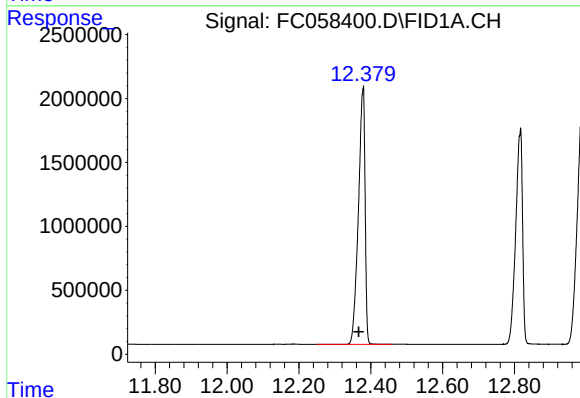
R.T.: 11.078 min
Delta R.T.: 0.011 min
Response: 26130824
Conc: 19.01 ug/ml



#9 ortho-Terphenyl (SURRE)

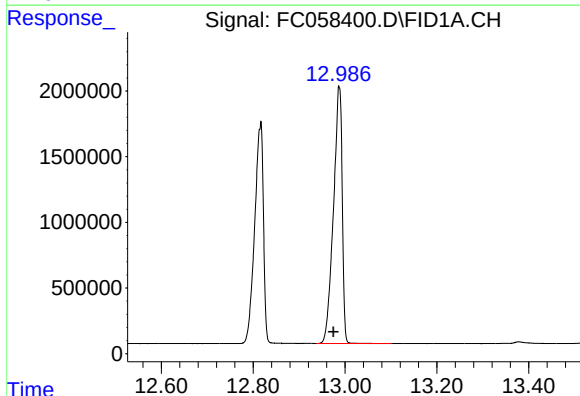
R.T.: 11.384 min
Delta R.T.: 0.013 min
Response: 29278297
Conc: 19.02 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



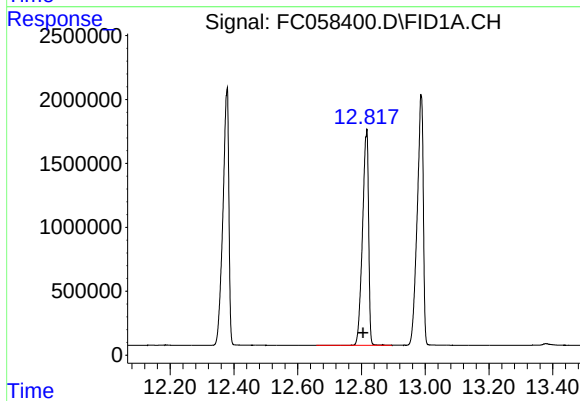
#10 n-Eicosane (C20)

R.T.: 12.377 min
Delta R.T.: 0.011 min
Response: 25887809
Conc: 19.01 ug/ml



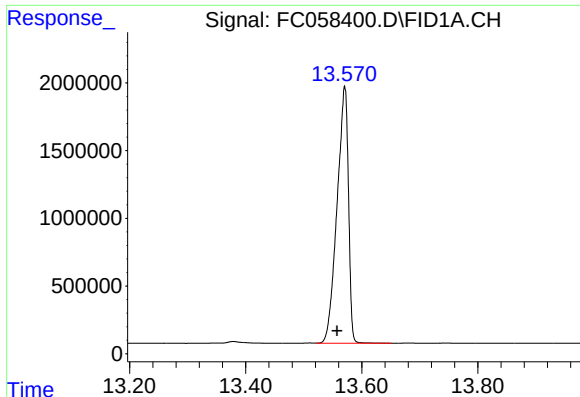
#11 n-Heneicosane (C21)

R.T.: 12.987 min
Delta R.T.: 0.012 min
Response: 25947165
Conc: 19.03 ug/ml



#12 1-chlorooctadecane (SURRE)

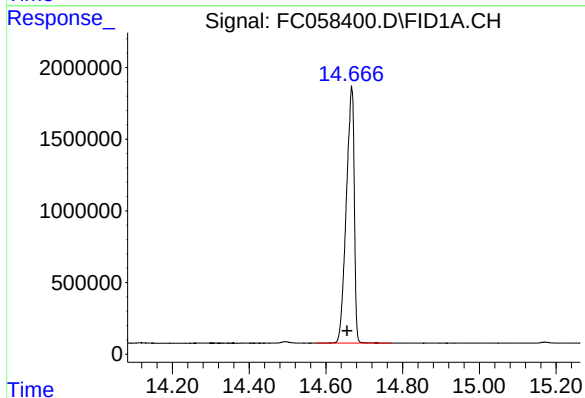
R.T.: 12.815 min
Delta R.T.: 0.010 min
Response: 22224853
Conc: 19.03 ug/ml



#13 n-Docosane (C22)

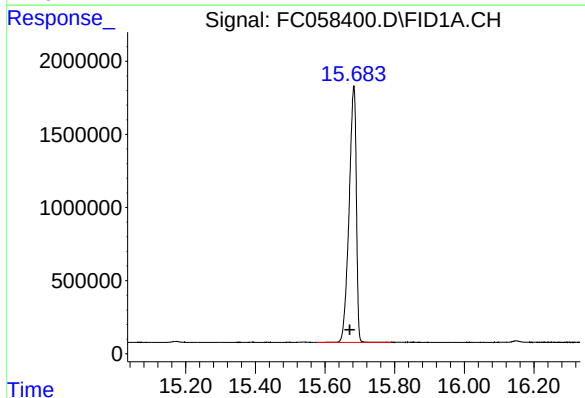
R.T.: 13.570 min
Delta R.T.: 0.012 min
Response: 25854779
Conc: 19.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



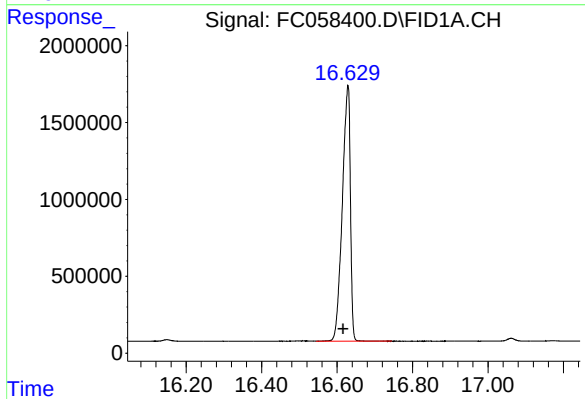
#14 n-Tetracosane (C24)

R.T.: 14.667 min
Delta R.T.: 0.012 min
Response: 25701636
Conc: 19.09 ug/ml



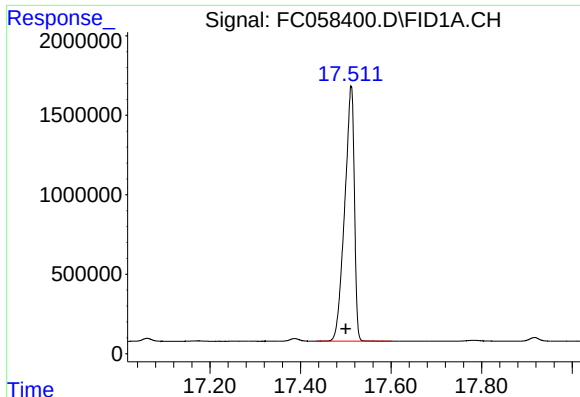
#15 n-Hexacosane (C26)

R.T.: 15.682 min
Delta R.T.: 0.011 min
Response: 25220059
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

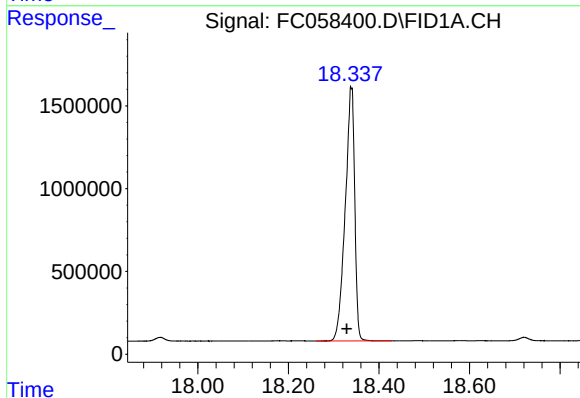
R.T.: 16.628 min
Delta R.T.: 0.011 min
Response: 24666391
Conc: 19.05 ug/ml



#17 n-Tricontane (C30)

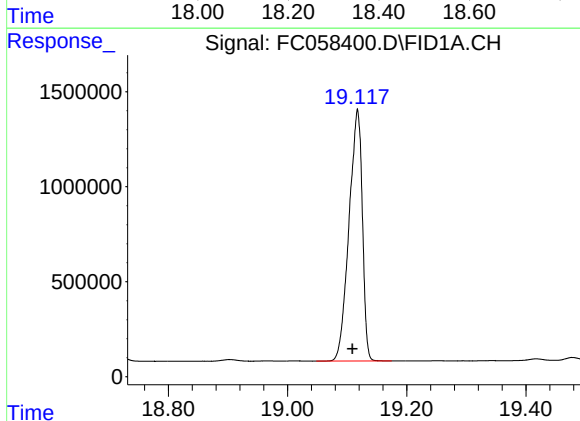
R.T.: 17.511 min
Delta R.T.: 0.011 min
Response: 23809459
Conc: 18.96 ug/ml

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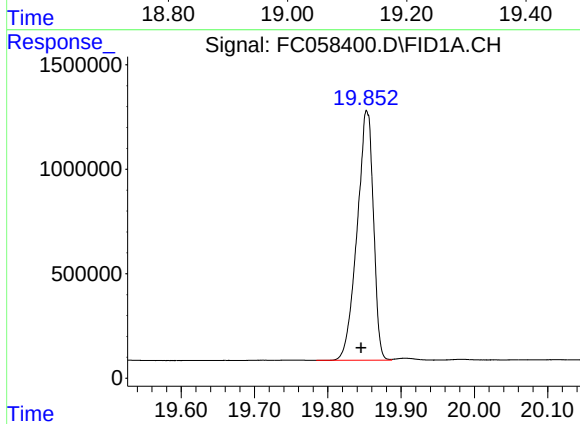
#18 n-Dotriacontane (C32)

R.T.: 18.339 min
Delta R.T.: 0.010 min
Response: 22363226
Conc: 18.86 ug/ml



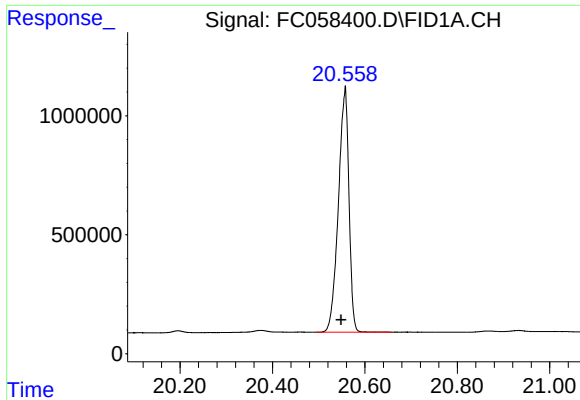
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: 0.009 min
Response: 20508683
Conc: 18.81 ug/ml



#20 n-Hexatriacontane (C36)

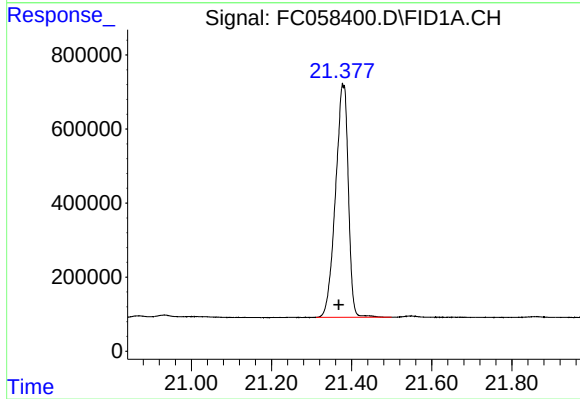
R.T.: 19.853 min
Delta R.T.: 0.008 min
Response: 18504199
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.557 min
Delta R.T.: 0.008 min
Response: 16285929
Conc: 18.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.379 min
Delta R.T.: 0.011 min
Response: 13962981
Conc: 18.11 ug/ml