

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021722AL\
 Data File : FC058362.D
 Signal(s) : FID1A.CH
 Acq On : 17 Feb 2022 10:08
 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 17 10:50:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:18:53 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)	11.377	28197762	20.096 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
12) S 1-chlorooctadecane (S...	12.809	20914280	19.984 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T n-Nonane (C9)	3.354	23896281	20.199 ug/ml
2) T n-Decane (C10)	4.318	23936250	20.023 ug/ml
3) T A~Naphthalene (C11.7)	5.832	26995657	20.379 ug/ml
4) T n-Dodecane (C12)	6.269	24967257	20.070 ug/ml
5) T A~2-methylnaphthalene...	6.874	26884835	20.217 ug/ml
6) T n-Tetradecane (C14)	8.046	24966248	20.056 ug/ml
7) T n-Hexadecane (C16)	9.636	25148621	20.048 ug/ml
8) T n-Octadecane (C18)	11.071	25309151	20.055 ug/ml
10) T n-Eicosane (C20)	12.371	24921248	20.007 ug/ml
11) T n-Heneicosane (C21)	12.981	24865383	19.988 ug/ml
13) T n-Docosane (C22)	13.563	24721641	20.009 ug/ml
14) T n-Tetracosane (C24)	14.661	24332805	20.007 ug/ml
15) T n-Hexacosane (C26)	15.675	23575245	19.937 ug/ml
16) T n-Octacosane (C28)	16.622	22647728	19.807 ug/ml
17) T n-Tricontane (C30)	17.504	21360895	19.642 ug/ml
18) T n-Dotriacontane (C32)	18.333	19449617	20.534 ug/ml
19) T n-Tetratriacontane (C34)	19.111	16175621	18.841 ug/ml
20) T n-Hexatriacontane (C36)	19.848	12661369	18.086 ug/ml
21) T n-Octatriacontane (C38)	20.549	9924593	17.729 ug/ml
22) T n-Tetracontane (C40)	21.367	7124176	16.372 ug/ml

(f)=RT Delta > 1/2 Window

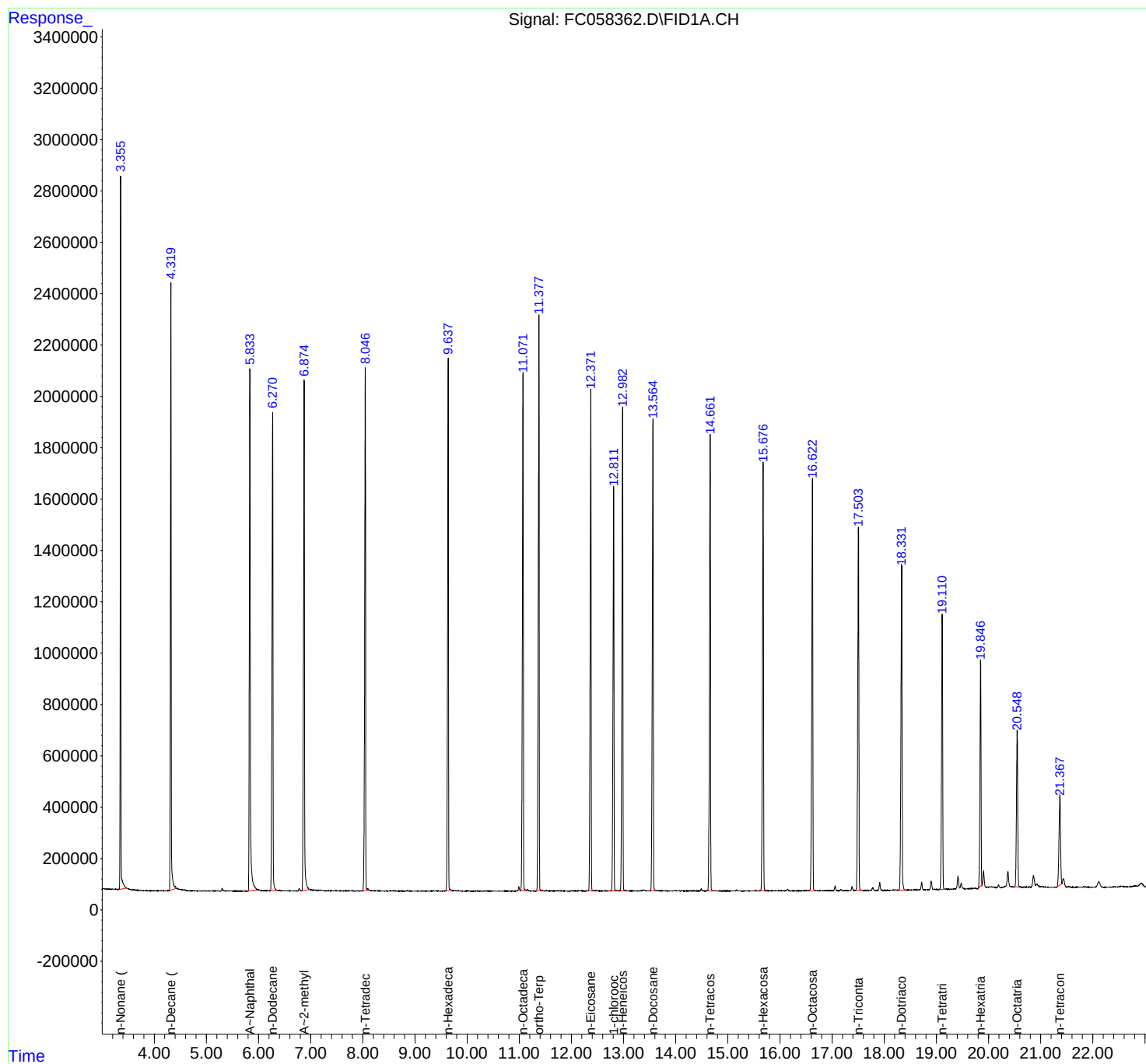
(m)=manual int.

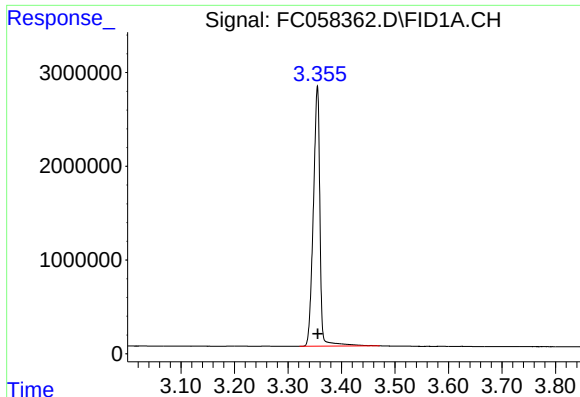
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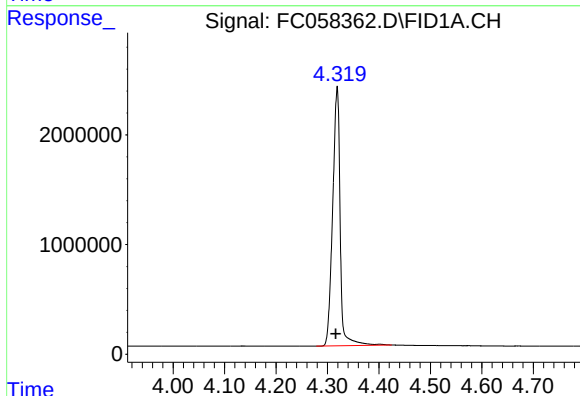




#1 n-Nonane (C9)

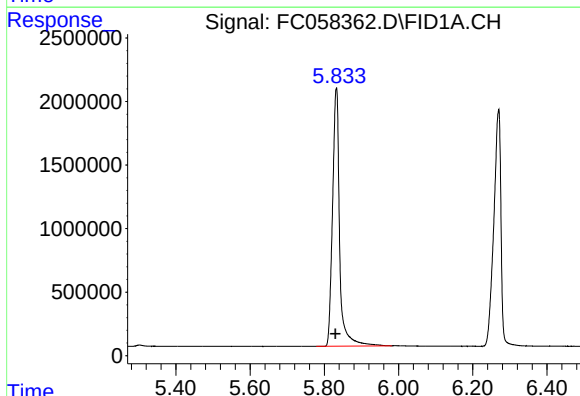
R.T.: 3.354 min
Delta R.T.: -0.002 min
Response: 23896281
Conc: 20.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



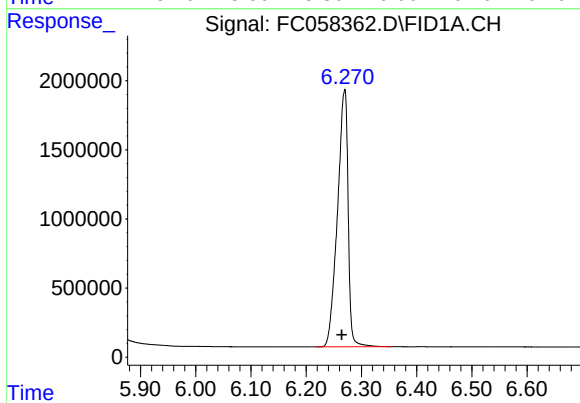
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: 0.002 min
Response: 23936250
Conc: 20.02 ug/ml



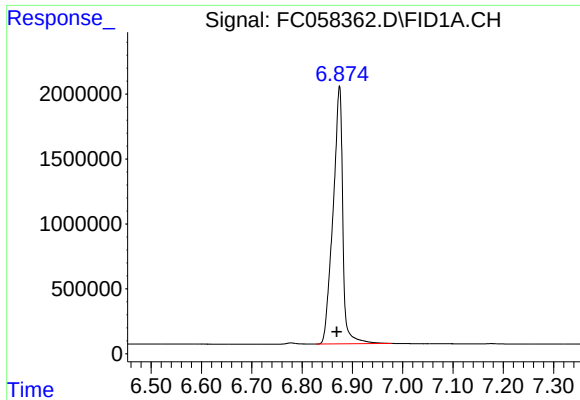
#3 A~Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.002 min
Response: 26995657
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

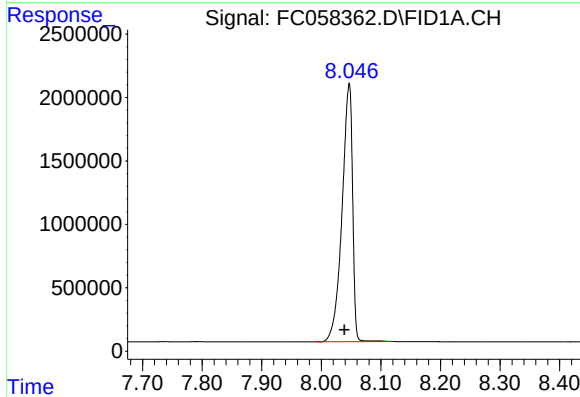
R.T.: 6.269 min
Delta R.T.: 0.004 min
Response: 24967257
Conc: 20.07 ug/ml



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

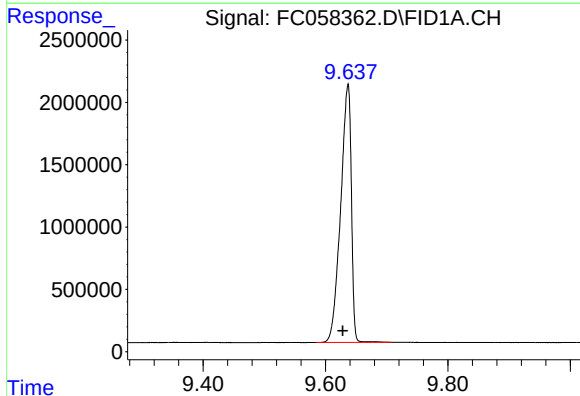
R.T.: 6.874 min
Delta R.T.: 0.005 min
Response: 26884835
Conc: 20.22 ug/ml

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20 PPM ALIPHATIC HC STD



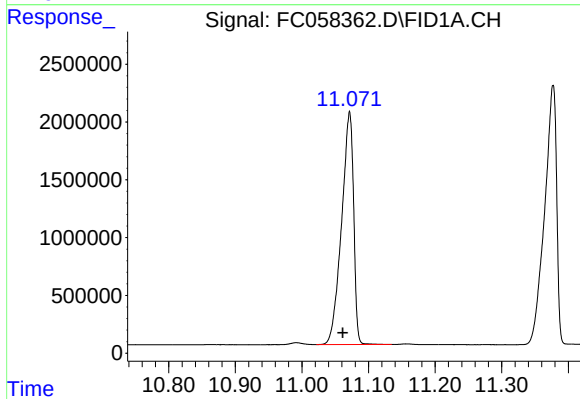
#6 n-Tetradecane (C14)

R.T.: 8.046 min
Delta R.T.: 0.007 min
Response: 24966248
Conc: 20.06 ug/ml



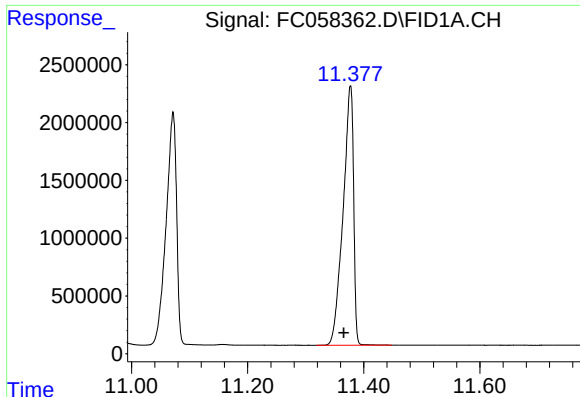
#7 n-Hexadecane (C16)

R.T.: 9.636 min
Delta R.T.: 0.008 min
Response: 25148621
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

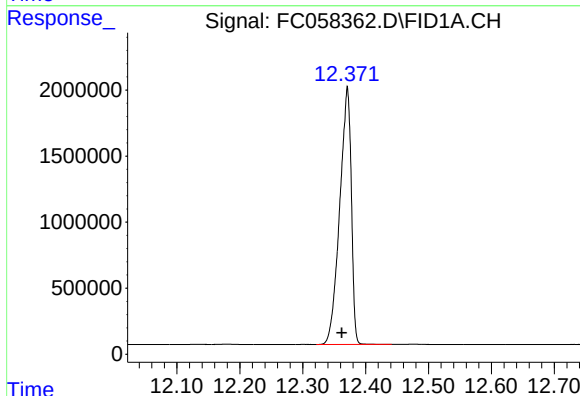
R.T.: 11.071 min
Delta R.T.: 0.010 min
Response: 25309151
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

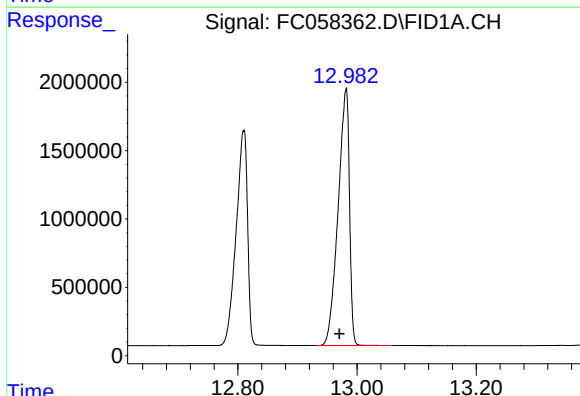
R.T.: 11.377 min
Delta R.T.: 0.011 min
Response: 28197762
Conc: 20.10 ug/ml

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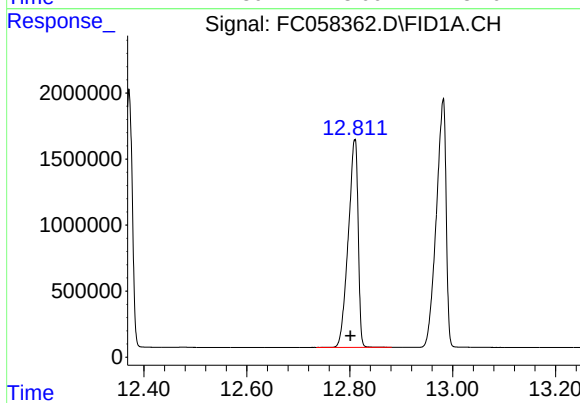
#10 n-Eicosane (C20)

R.T.: 12.371 min
Delta R.T.: 0.008 min
Response: 24921248
Conc: 20.01 ug/ml



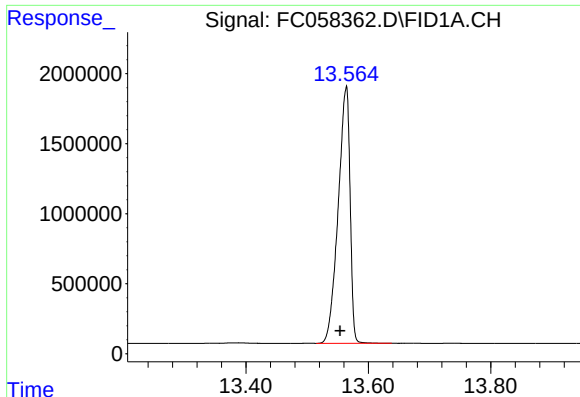
#11 n-Heneicosane (C21)

R.T.: 12.981 min
Delta R.T.: 0.010 min
Response: 24865383
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

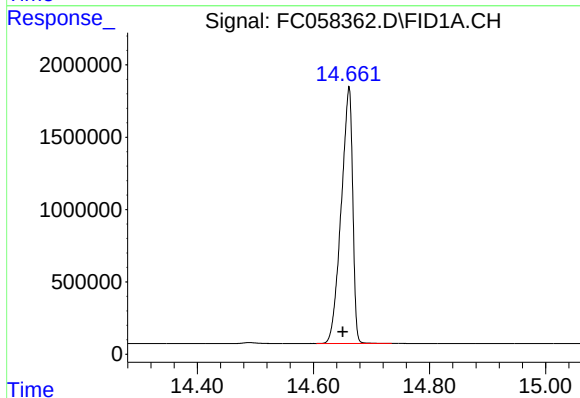
R.T.: 12.809 min
Delta R.T.: 0.008 min
Response: 20914280
Conc: 19.98 ug/ml



#13 n-Docosane (C22)

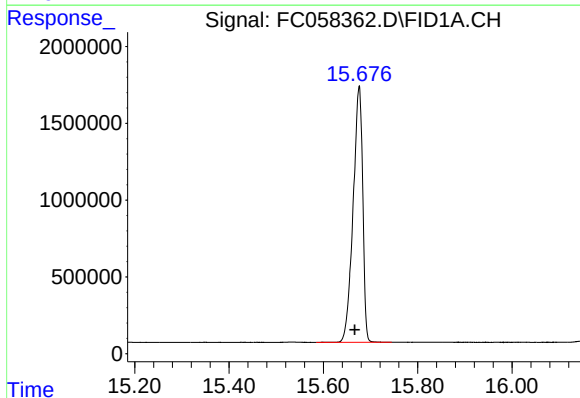
R.T.: 13.563 min
Delta R.T.: 0.009 min
Response: 24721641
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



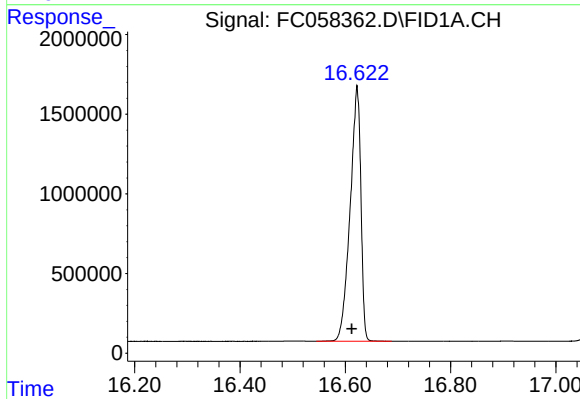
#14 n-Tetracosane (C24)

R.T.: 14.661 min
Delta R.T.: 0.010 min
Response: 24332805
Conc: 20.01 ug/ml



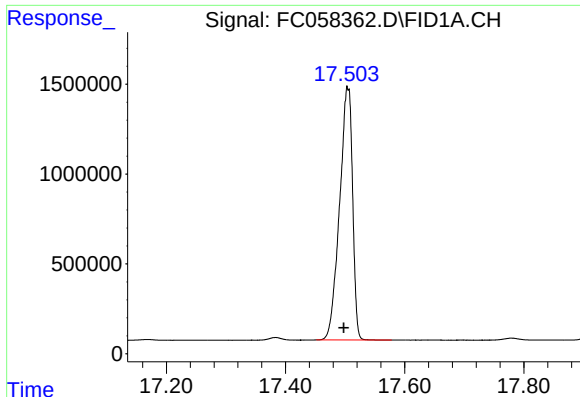
#15 n-Hexacosane (C26)

R.T.: 15.675 min
Delta R.T.: 0.009 min
Response: 23575245
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

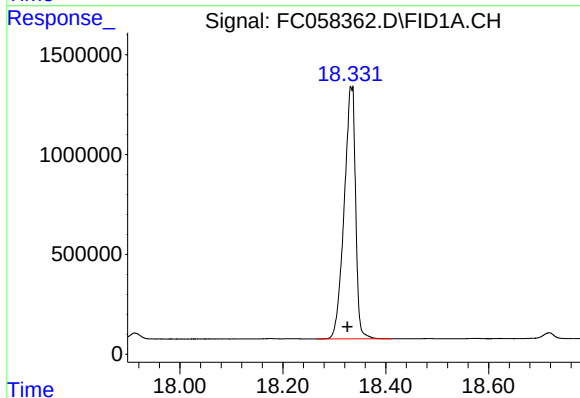
R.T.: 16.622 min
Delta R.T.: 0.010 min
Response: 22647728
Conc: 19.81 ug/ml



#17 n-Tricontane (C30)

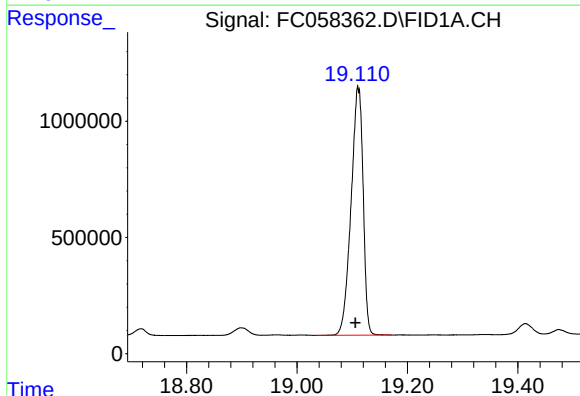
R.T.: 17.504 min
Delta R.T.: 0.007 min
Response: 21360895
Conc: 19.64 ug/ml

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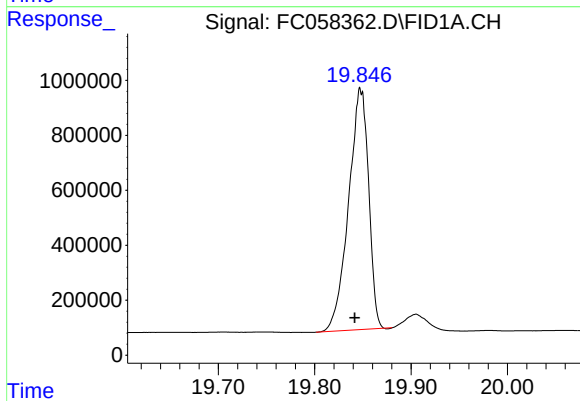
#18 n-Dotriacontane (C32)

R.T.: 18.333 min
Delta R.T.: 0.007 min
Response: 19449617
Conc: 20.53 ug/ml



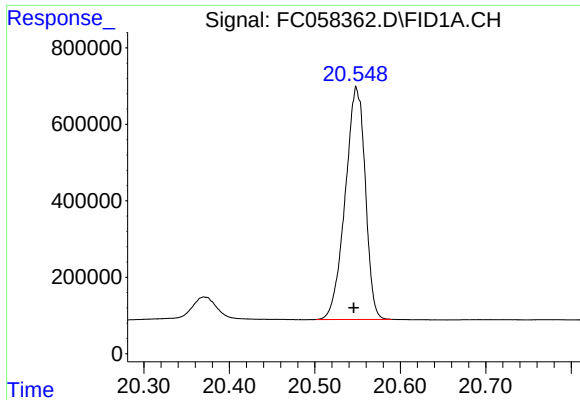
#19 n-Tetratriacontane (C34)

R.T.: 19.111 min
Delta R.T.: 0.005 min
Response: 16175621
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

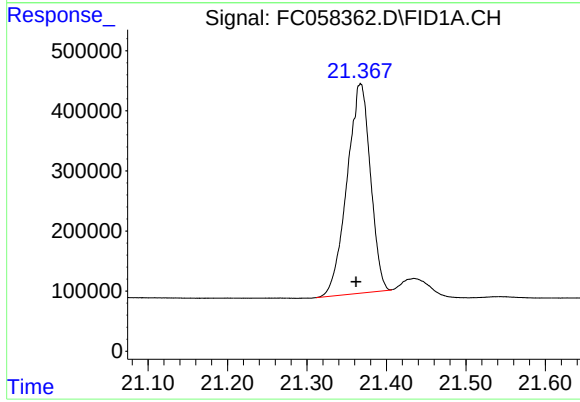
R.T.: 19.848 min
Delta R.T.: 0.006 min
Response: 12661369
Conc: 18.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.549 min
Delta R.T.: 0.003 min
Response: 9924593
Conc: 17.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.367 min
Delta R.T.: 0.006 min
Response: 7124176
Conc: 16.37 ug/ml