

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058422.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2022 11:51
 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 22 12:18:26 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)	11.396	30897041	20.076 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
12) S 1-chlorooctadecane (S...	12.829	23732576	20.326 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T n-Nonane (C9)	3.374	26024469	19.885 ug/ml
2) T n-Decane (C10)	4.339	26478439	20.035 ug/ml
3) T A~Naphthalene (C11.7)	5.854	29829103	20.402 ug/ml
4) T n-Dodecane (C12)	6.287	26945153	20.008 ug/ml
5) T A~2-methylnaphthalene...	6.895	29924582	20.448 ug/ml
6) T n-Tetradecane (C14)	8.064	27188093	20.093 ug/ml
7) T n-Hexadecane (C16)	9.654	27410541	20.082 ug/ml
8) T n-Octadecane (C18)	11.091	27605080	20.083 ug/ml
10) T n-Eicosane (C20)	12.390	27407848	20.129 ug/ml
11) T n-Heneicosane (C21)	13.000	27748288	20.352 ug/ml
13) T n-Docosane (C22)	13.583	27489046	20.234 ug/ml
14) T n-Tetracosane (C24)	14.680	27571201	20.473 ug/ml
15) T n-Hexacosane (C26)	15.697	27039827	20.466 ug/ml
16) T n-Octacosane (C28)	16.643	26704809	20.620 ug/ml
17) T n-Tricontane (C30)	17.528	25753746	20.512 ug/ml
18) T n-Dotriacontane (C32)	18.355	23629582	19.929 ug/ml
19) T n-Tetratriacontane (C34)	19.136	21537363	19.757 ug/ml
20) T n-Hexatriacontane (C36)	19.873	19797599	19.987 ug/ml
21) T n-Octatriacontane (C38)	20.578	17530844	19.847 ug/ml
22) T n-Tetracontane (C40)	21.405	14206823	18.430 ug/ml

(f)=RT Delta > 1/2 Window

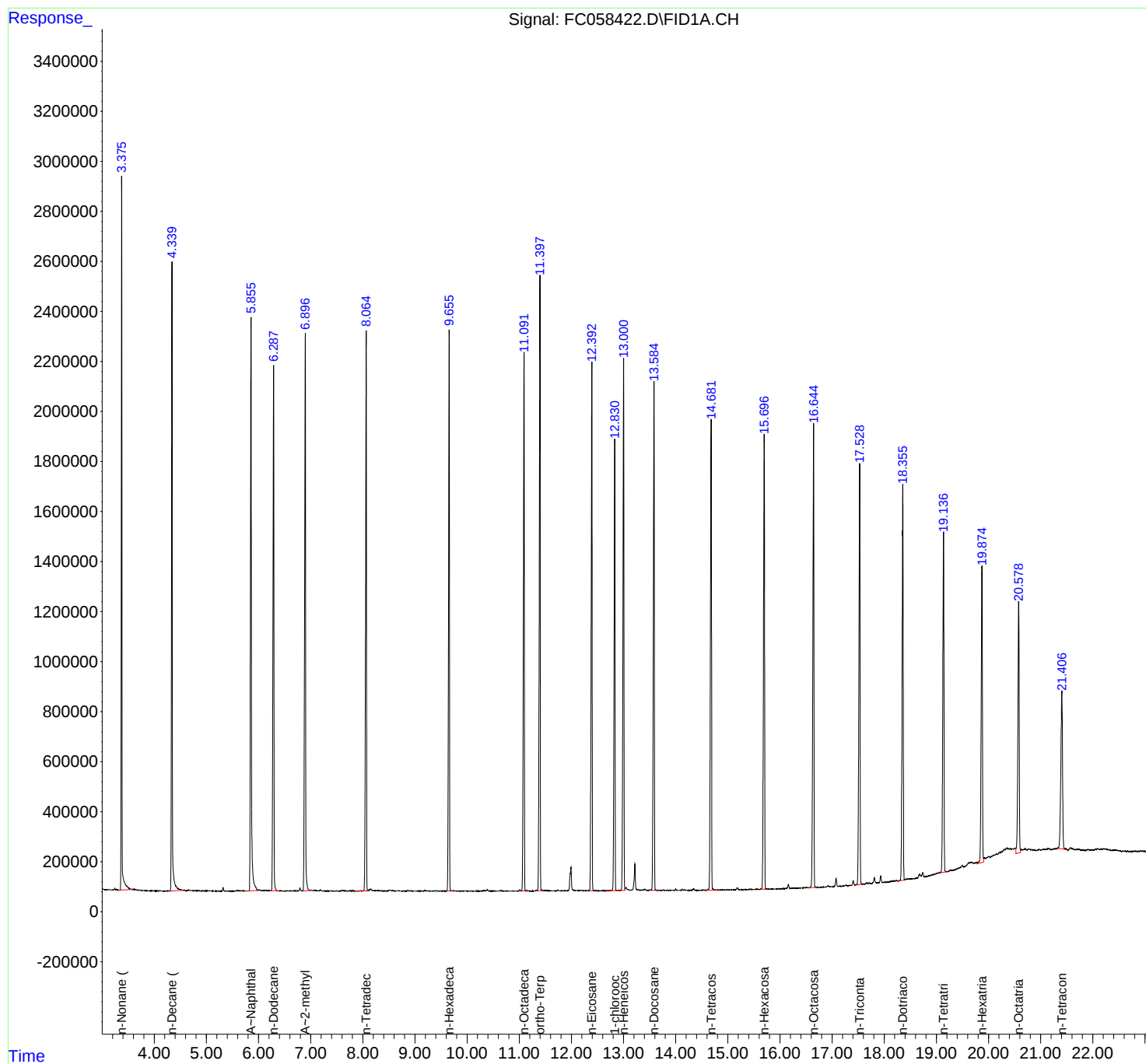
(m)=manual int.

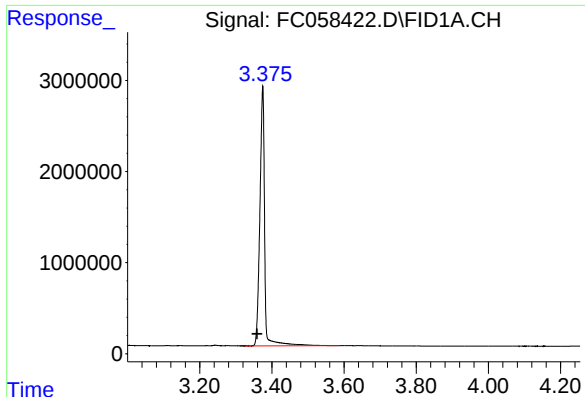
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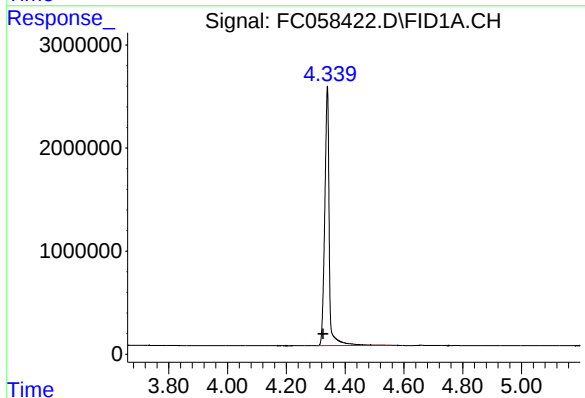




#1 n-Nonane (C9)

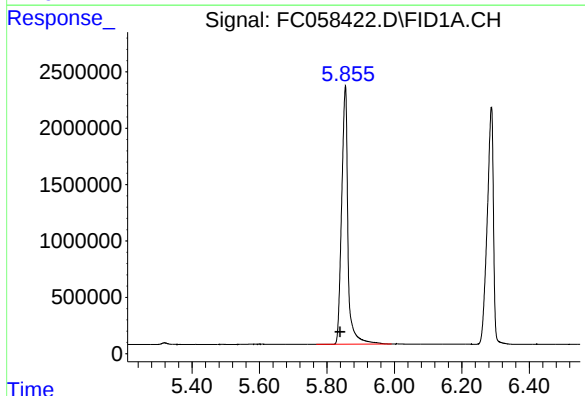
R.T.: 3.374 min
Delta R.T.: 0.015 min
Response: 26024469
Conc: 19.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



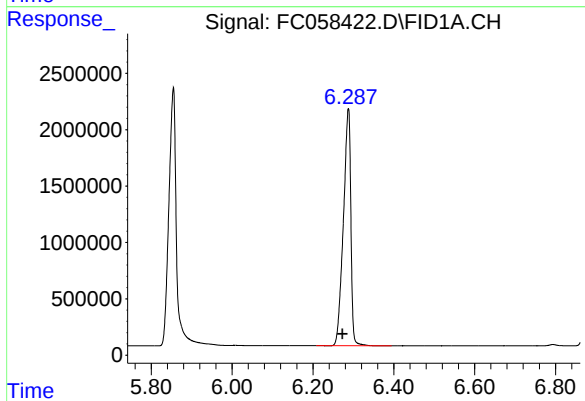
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.014 min
Response: 26478439
Conc: 20.04 ug/ml



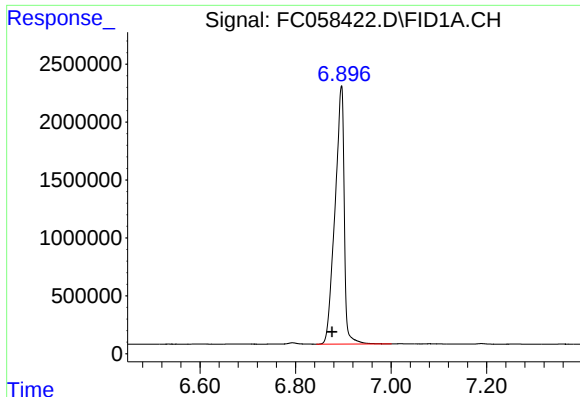
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: 0.015 min
Response: 29829103
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

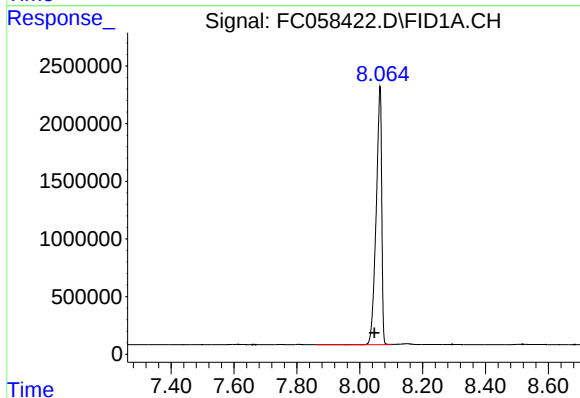
R.T.: 6.287 min
Delta R.T.: 0.014 min
Response: 26945153
Conc: 20.01 ug/ml



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

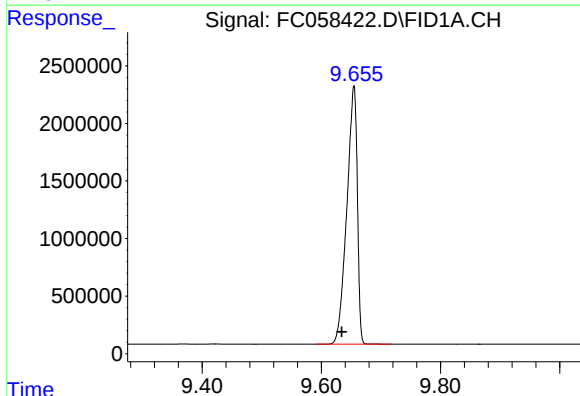
R.T.: 6.895 min
Delta R.T.: 0.019 min
Response: 29924582
Conc: 20.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



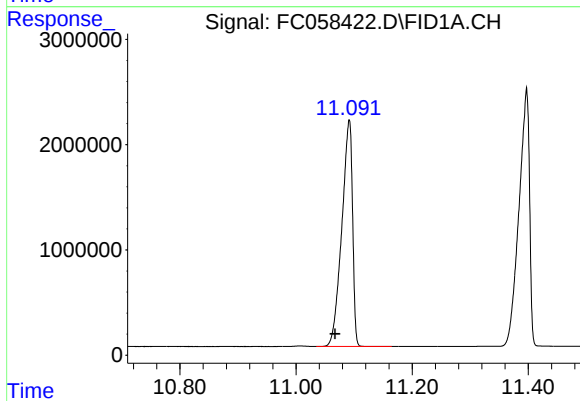
#6 n-Tetradecane (C14)

R.T.: 8.064 min
Delta R.T.: 0.017 min
Response: 27188093
Conc: 20.09 ug/ml



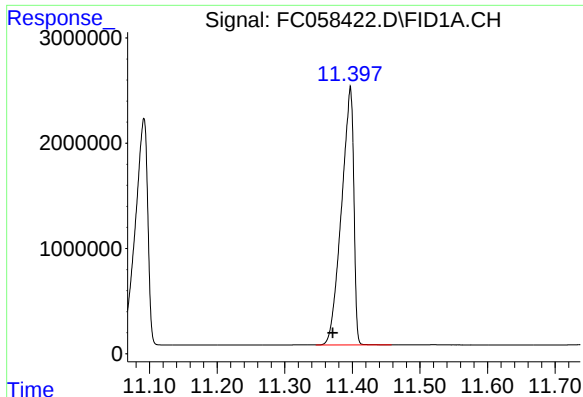
#7 n-Hexadecane (C16)

R.T.: 9.654 min
Delta R.T.: 0.020 min
Response: 27410541
Conc: 20.08 ug/ml



#8 n-Octadecane (C18)

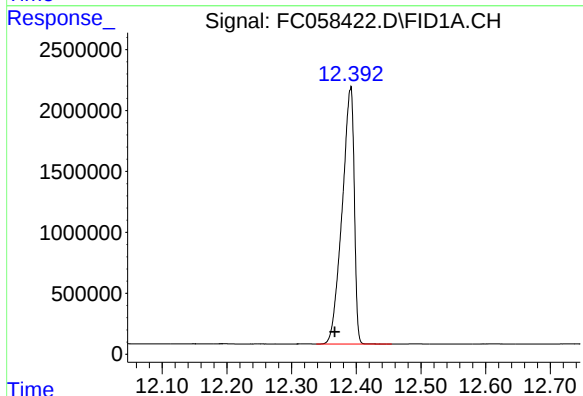
R.T.: 11.091 min
Delta R.T.: 0.023 min
Response: 27605080
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

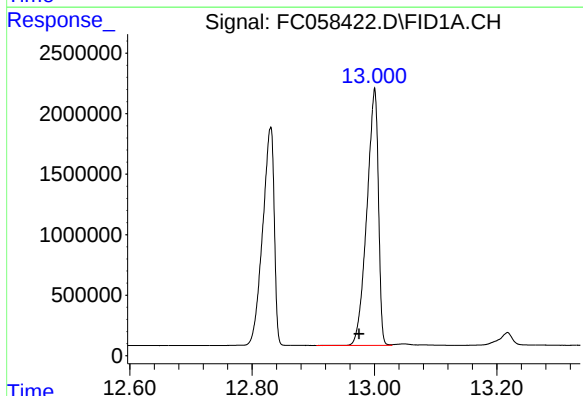
R.T.: 11.396 min
Delta R.T.: 0.025 min
Response: 30897041
Conc: 20.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



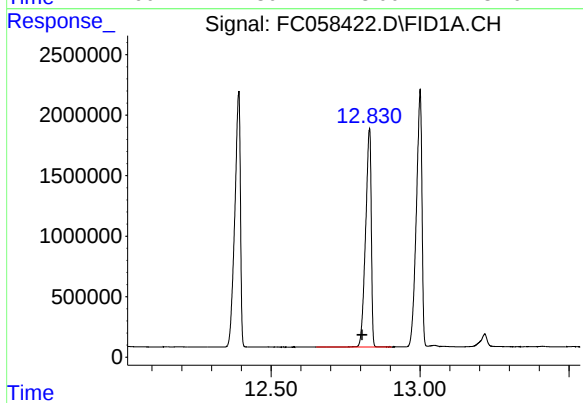
#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: 0.024 min
Response: 27407848
Conc: 20.13 ug/ml



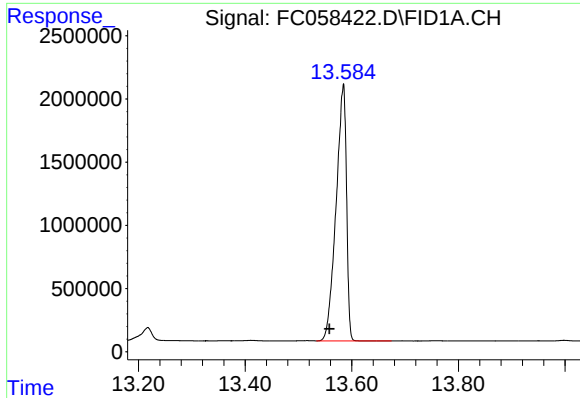
#11 n-Heneicosane (C21)

R.T.: 13.000 min
Delta R.T.: 0.025 min
Response: 27748288
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

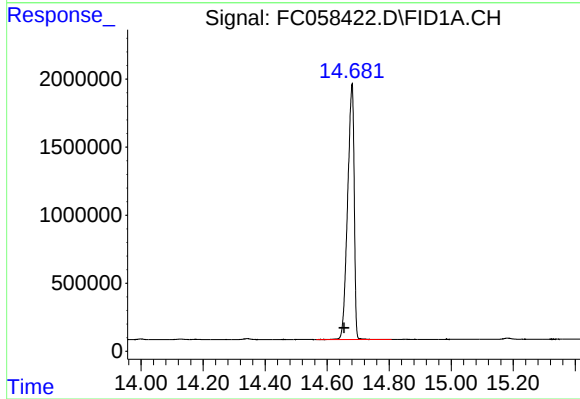
R.T.: 12.829 min
Delta R.T.: 0.024 min
Response: 23732576
Conc: 20.33 ug/ml



#13 n-Docosane (C22)

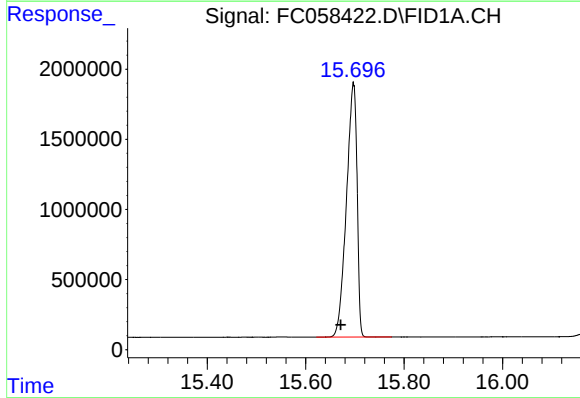
R.T.: 13.583 min
Delta R.T.: 0.026 min
Response: 27489046
Conc: 20.23 ug/ml

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20 PPM ALIPHATIC HC STD



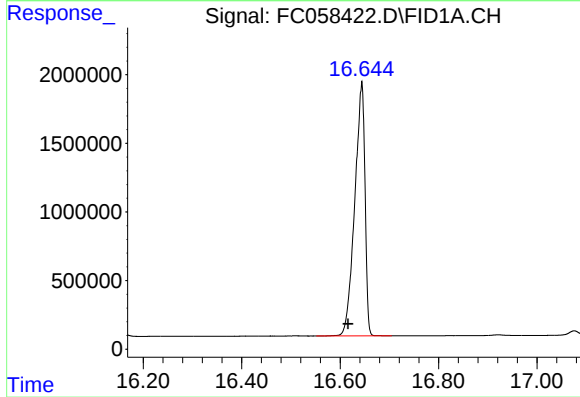
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: 0.024 min
Response: 27571201
Conc: 20.47 ug/ml



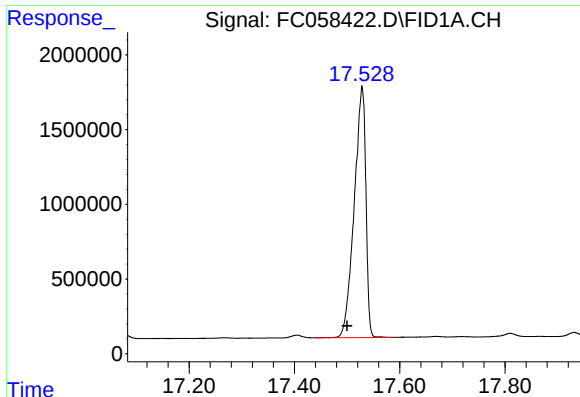
#15 n-Hexacosane (C26)

R.T.: 15.697 min
Delta R.T.: 0.026 min
Response: 27039827
Conc: 20.47 ug/ml



#16 n-Octacosane (C28)

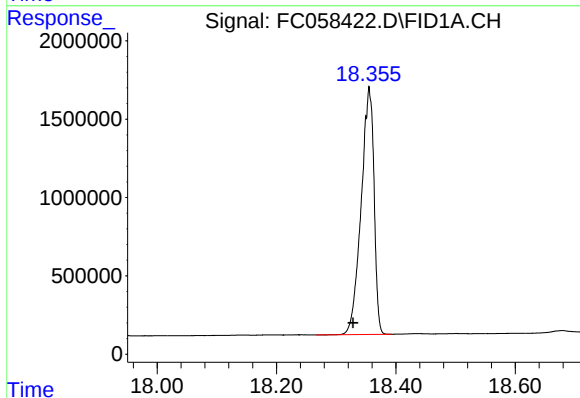
R.T.: 16.643 min
Delta R.T.: 0.027 min
Response: 26704809
Conc: 20.62 ug/ml



#17 n-Tricontane (C30)

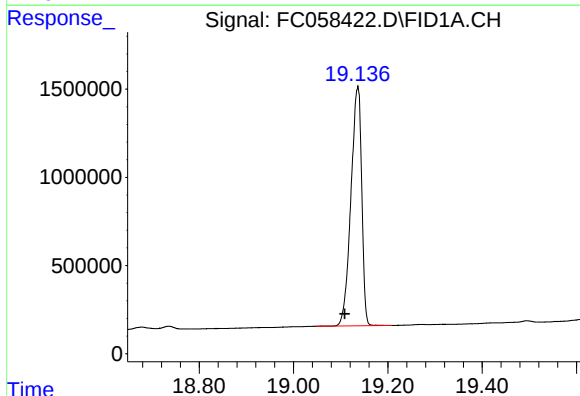
R.T.: 17.528 min
Delta R.T.: 0.028 min
Response: 25753746
Conc: 20.51 ug/ml

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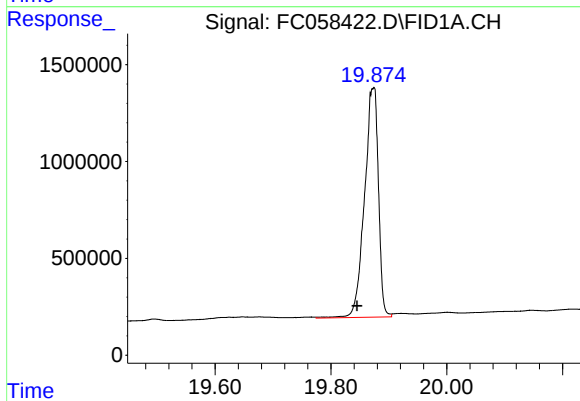
#18 n-Dotriacontane (C32)

R.T.: 18.355 min
Delta R.T.: 0.026 min
Response: 23629582
Conc: 19.93 ug/ml



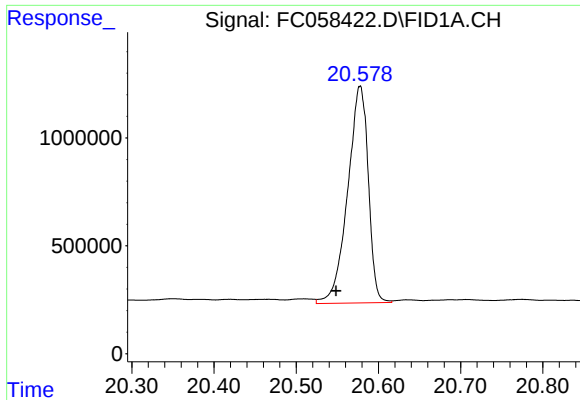
#19 n-Tetratriacontane (C34)

R.T.: 19.136 min
Delta R.T.: 0.027 min
Response: 21537363
Conc: 19.76 ug/ml



#20 n-Hexatriacontane (C36)

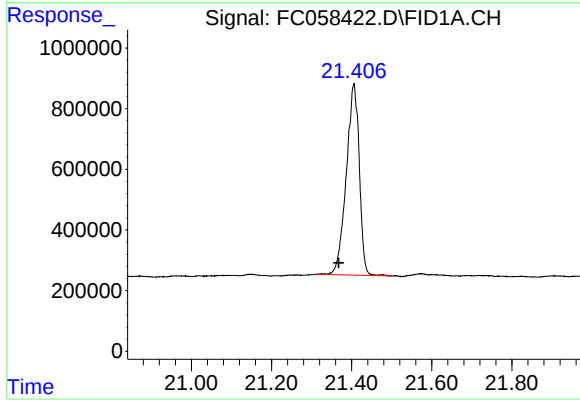
R.T.: 19.873 min
Delta R.T.: 0.027 min
Response: 19797599
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.578 min
Delta R.T.: 0.029 min
Response: 17530844
Conc: 19.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.405 min
Delta R.T.: 0.037 min
Response: 14206823
Conc: 18.43 ug/ml