

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011322AL\
 Data File : FC057870.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jan 2022 10:03
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jan 13 10:32:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.707	3831243	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	12.145	2900954	19.683 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T n-Nonane (C9)	2.634	3206743	20.053 ug/ml
2) T n-Decane (C10)	3.624	3286746	20.449 ug/ml
3) T A~Naphthalene (C11.7)	5.162	3738182	20.587 ug/ml
4) T n-Dodecane (C12)	5.596	3313740	20.547 ug/ml
5) T A~2-methylnaphthalene...	6.203	3779407	20.668 ug/ml
6) T n-Tetradecane (C14)	7.377	3418586	20.707 ug/ml
7) T n-Hexadecane (C16)	8.969	3459600	20.711 ug/ml
8) T n-Octadecane (C18)	10.403	3517375	20.439 ug/ml
10) T n-Eicosane (C20)	11.705	3422476	19.992 ug/ml
11) T n-Heneicosane (C21)	12.315	3398253	19.652 ug/ml
13) T n-Docosane (C22)	12.898	3337210	19.290 ug/ml
14) T n-Tetracosane (C24)	13.997	3288549	18.997 ug/ml
15) T n-Hexacosane (C26)	15.014	3143723	18.681 ug/ml
16) T n-Octacosane (C28)	15.959	3168581	19.363 ug/ml
17) T n-Tricontane (C30)	16.844	3341385	21.402 ug/ml
18) T n-Dotriacontane (C32)	17.674	3213816	23.051 ug/ml
19) T n-Tetratriacontane (C34)	18.455	2875917	23.139 ug/ml
20) T n-Hexatriacontane (C36)	19.192	2593500	23.327 ug/ml
21) T n-Octatriacontane (C38)	19.897	2380469	22.820 ug/ml
22) T n-Tetracontane (C40)	20.722	2332642	24.361 ug/ml

(f)=RT Delta > 1/2 Window

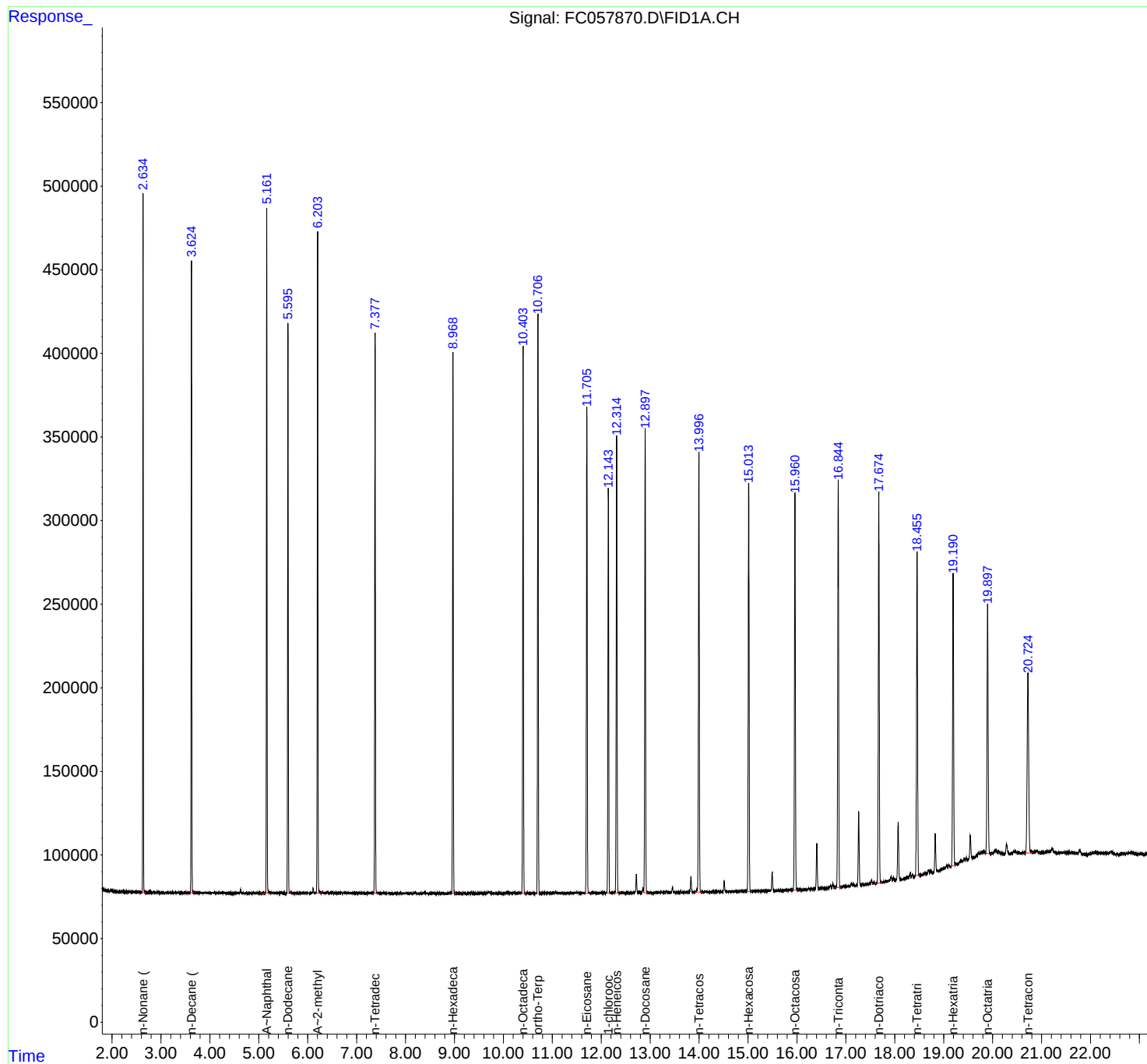
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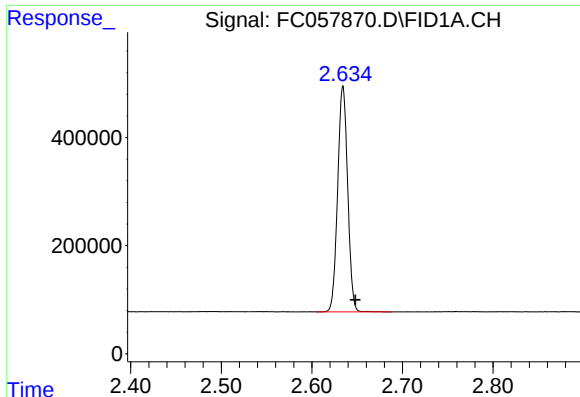
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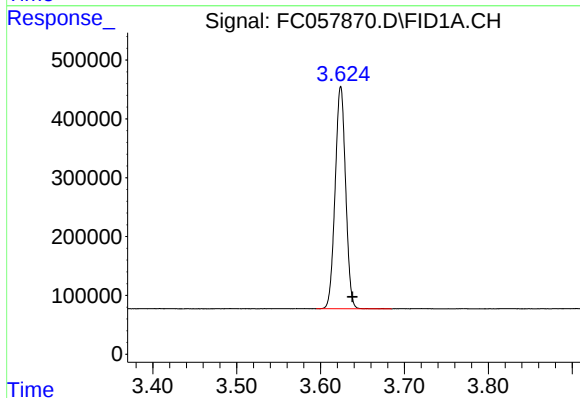




#1 n-Nonane (C9)

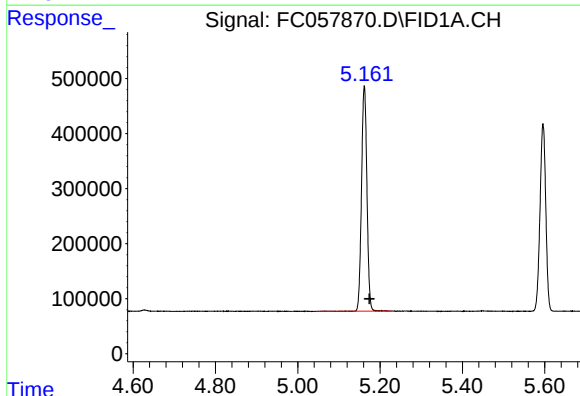
R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 3206743
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



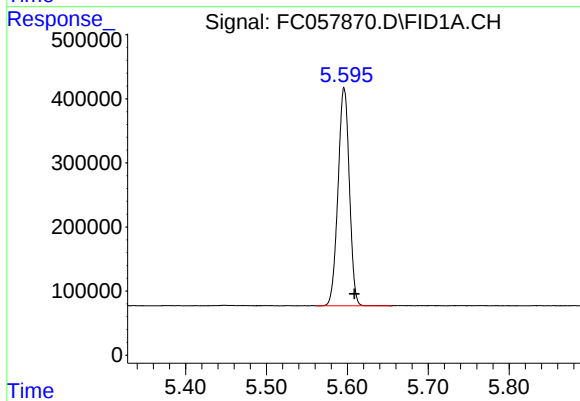
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 3286746
Conc: 20.45 ug/ml



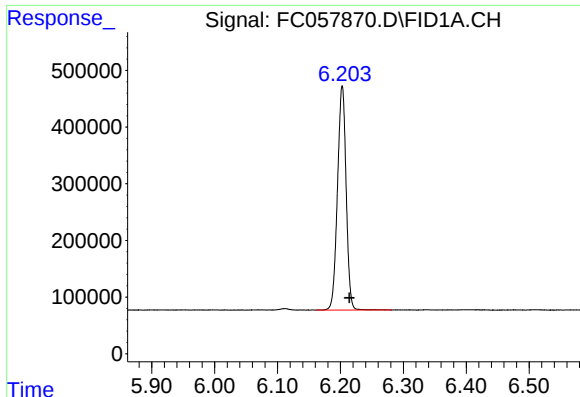
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.013 min
Response: 3738182
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

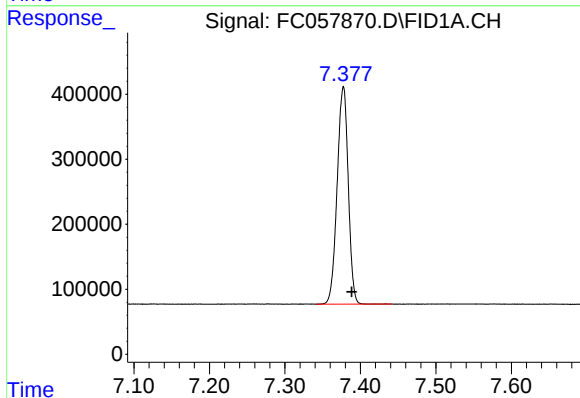
R.T.: 5.596 min
Delta R.T.: -0.013 min
Response: 3313740
Conc: 20.55 ug/ml



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

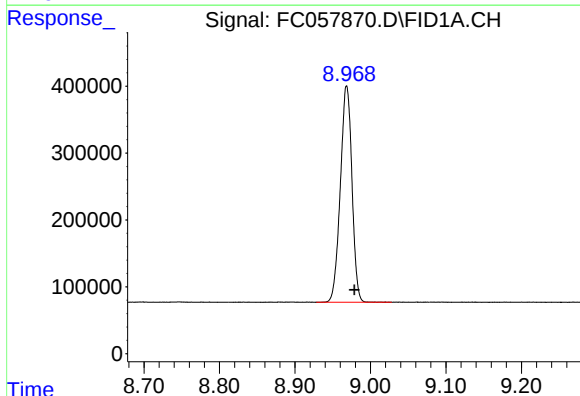
R.T.: 6.203 min
Delta R.T.: -0.012 min
Response: 3779407
Conc: 20.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



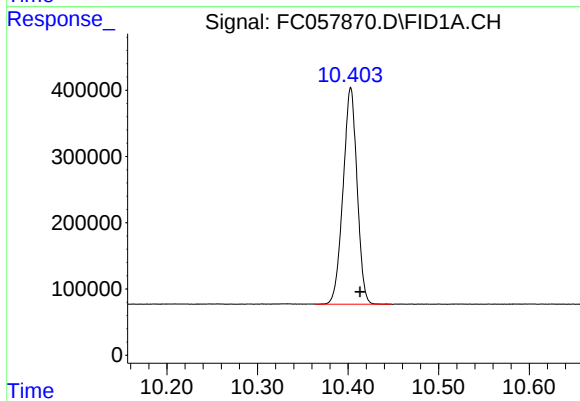
#6 n-Tetradecane (C14)

R.T.: 7.377 min
Delta R.T.: -0.011 min
Response: 3418586
Conc: 20.71 ug/ml



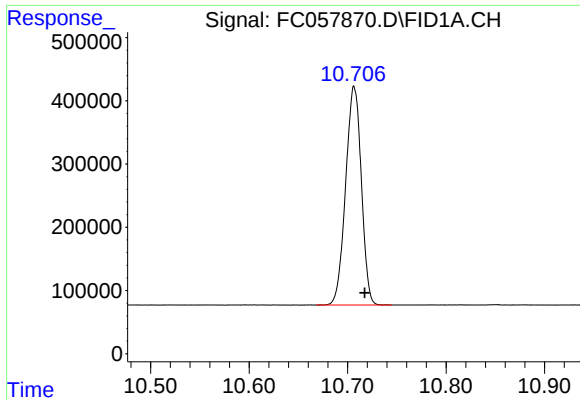
#7 n-Hexadecane (C16)

R.T.: 8.969 min
Delta R.T.: -0.010 min
Response: 3459600
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

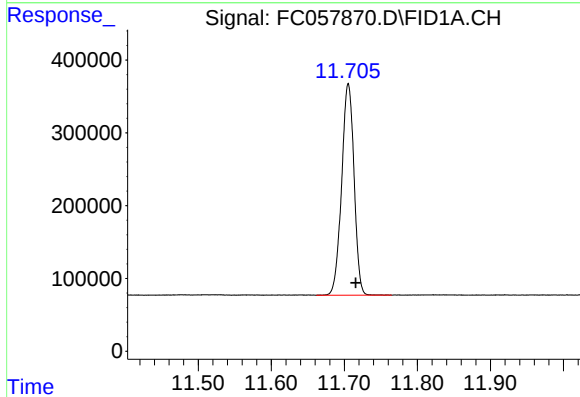
R.T.: 10.403 min
Delta R.T.: -0.010 min
Response: 3517375
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

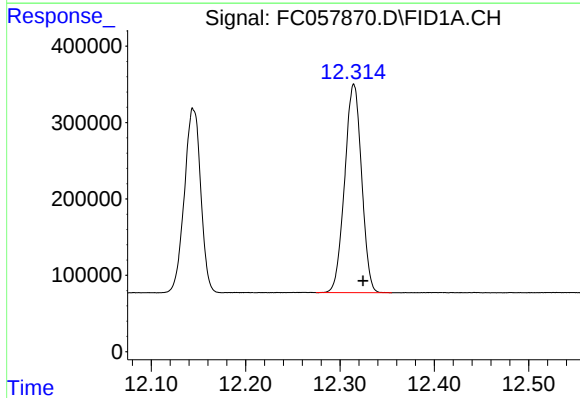
R.T.: 10.707 min
Delta R.T.: -0.011 min
Response: 3831243
Conc: 19.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



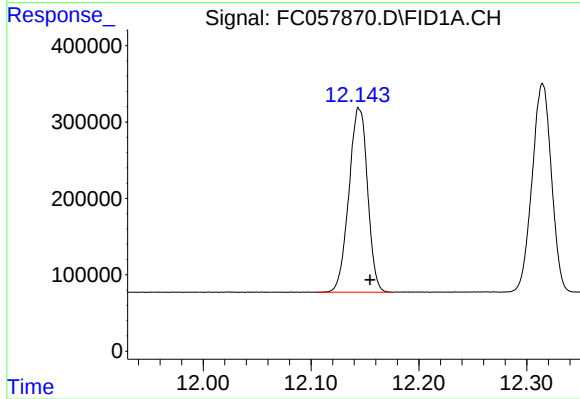
#10 n-Eicosane (C20)

R.T.: 11.705 min
Delta R.T.: -0.010 min
Response: 3422476
Conc: 19.99 ug/ml



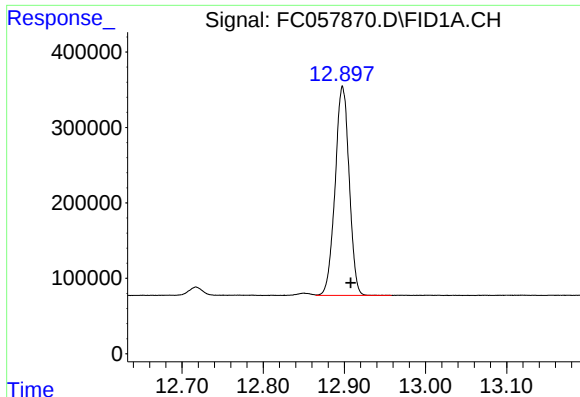
#11 n-Heneicosane (C21)

R.T.: 12.315 min
Delta R.T.: -0.010 min
Response: 3398253
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

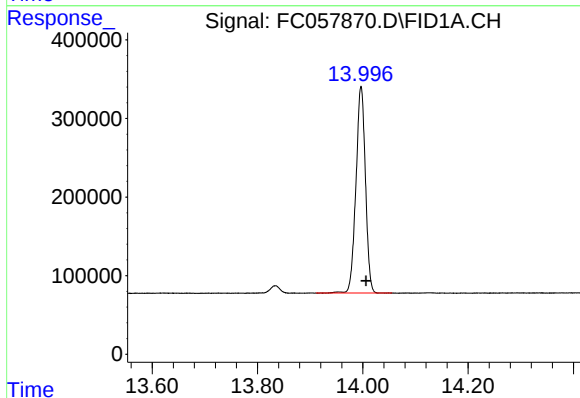
R.T.: 12.145 min
Delta R.T.: -0.010 min
Response: 2900954
Conc: 19.68 ug/ml



#13 n-Docosane (C22)

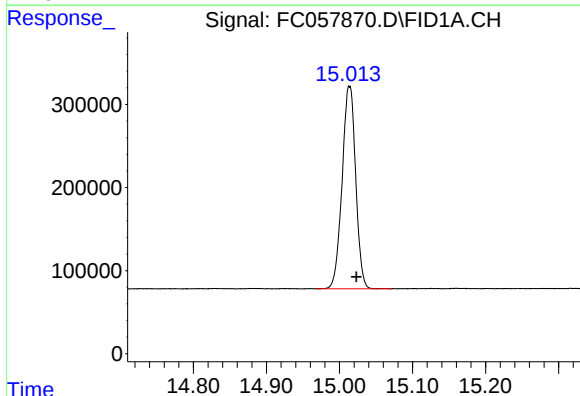
R.T.: 12.898 min
Delta R.T.: -0.010 min
Response: 3337210
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



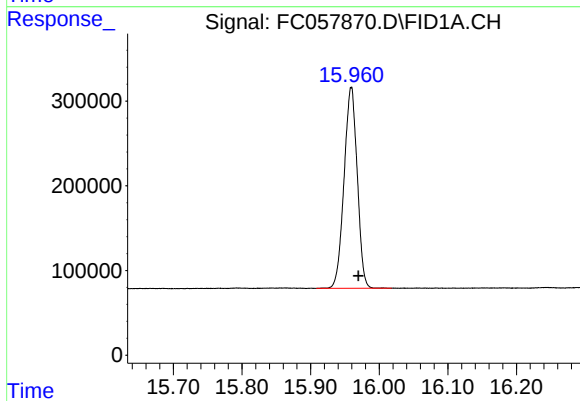
#14 n-Tetracosane (C24)

R.T.: 13.997 min
Delta R.T.: -0.010 min
Response: 3288549
Conc: 19.00 ug/ml



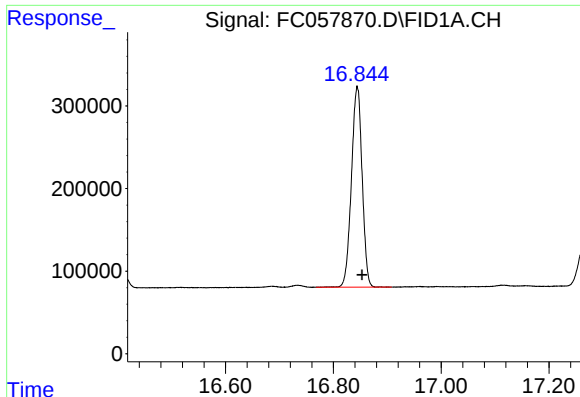
#15 n-Hexacosane (C26)

R.T.: 15.014 min
Delta R.T.: -0.010 min
Response: 3143723
Conc: 18.68 ug/ml



#16 n-Octacosane (C28)

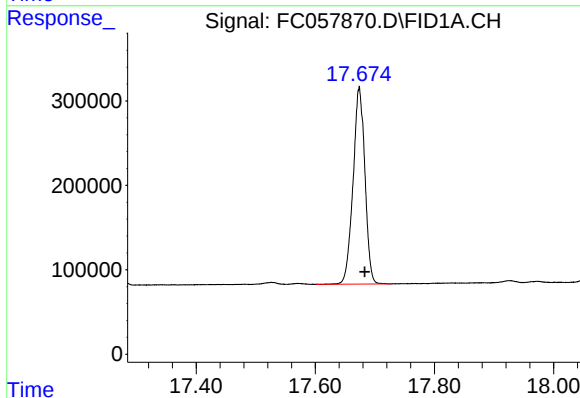
R.T.: 15.959 min
Delta R.T.: -0.011 min
Response: 3168581
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

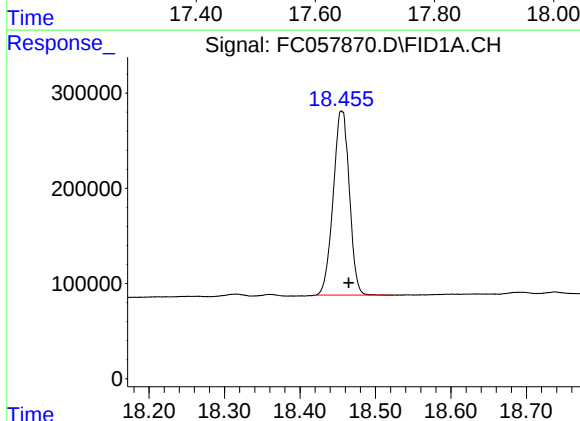
R.T.: 16.844 min
Delta R.T.: -0.009 min
Response: 3341385
Conc: 21.40 ug/ml

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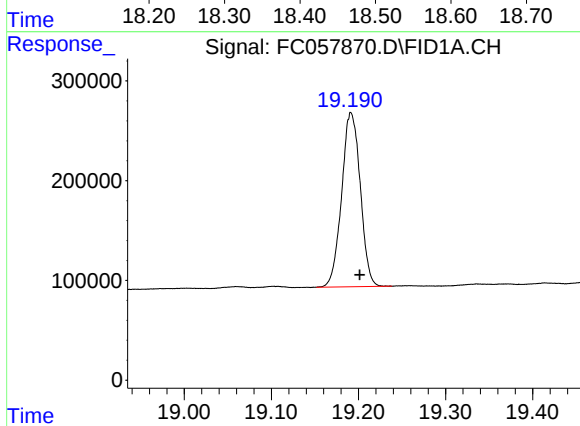
#18 n-Dotriacontane (C32)

R.T.: 17.674 min
Delta R.T.: -0.009 min
Response: 3213816
Conc: 23.05 ug/ml



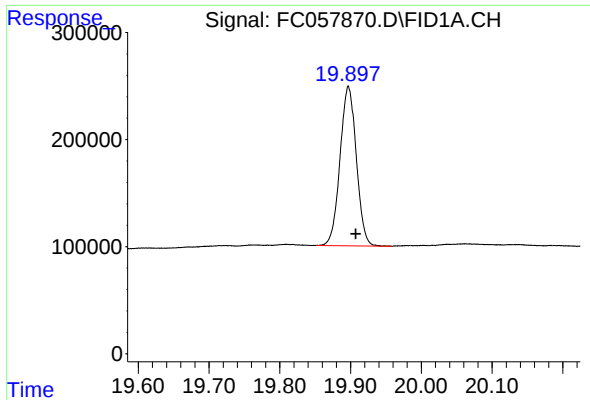
#19 n-Tetratriacontane (C34)

R.T.: 18.455 min
Delta R.T.: -0.009 min
Response: 2875917
Conc: 23.14 ug/ml



#20 n-Hexatriacontane (C36)

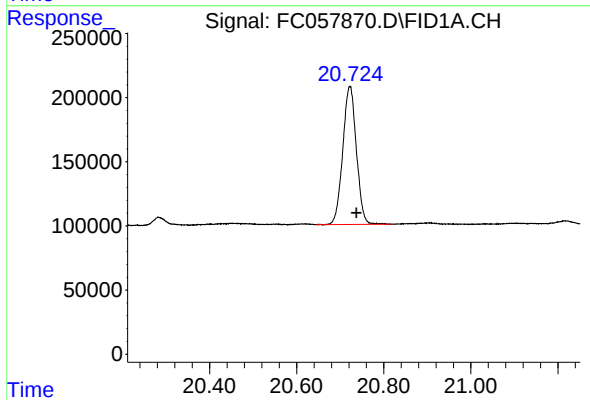
R.T.: 19.192 min
Delta R.T.: -0.010 min
Response: 2593500
Conc: 23.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.897 min
Delta R.T.: -0.010 min
Response: 2380469
Conc: 22.82 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.722 min
Delta R.T.: -0.015 min
Response: 2332642
Conc: 24.36 ug/ml