

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032322AL\
 Data File : FC058880.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2022 14:35
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 24 15:33:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 11:55:12 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)	11.399	3434668	23.563 ug/ml
Spiked Amount 50.000		Recovery =	47.13%
12) S 1-chlorooctadecane (S...	12.828	2585499	24.146 ug/ml
Spiked Amount 50.000		Recovery =	48.29%
Target Compounds			
1) T n-Nonane (C9)	3.255	2839623	24.962 ug/ml
2) T n-Decane (C10)	4.304	2841647	25.498 ug/ml
3) T A~Naphthalene (C11.7)	5.870	2969537	26.063 ug/ml
4) T n-Dodecane (C12)	6.298	2963480	24.893 ug/ml
5) T A~2-methylnaphthalene...	6.914	2954044	25.931 ug/ml
6) T n-Tetradecane (C14)	8.074	2999095	25.046 ug/ml
7) T n-Hexadecane (C16)	9.660	3072436	24.652 ug/ml
8) T n-Octadecane (C18)	11.089	3169960	24.286 ug/ml
10) T n-Eicosane (C20)	12.388	3139302	23.390 ug/ml
11) T n-Heneicosane (C21)	12.996	3138124	23.112 ug/ml
13) T n-Docosane (C22)	13.578	3129718	23.291 ug/ml
14) T n-Tetracosane (C24)	14.673	3095700	23.305 ug/ml
15) T n-Hexacosane (C26)	15.688	2963558	23.342 ug/ml
16) T n-Octacosane (C28)	16.632	2855487	23.943 ug/ml
17) T n-Tricontane (C30)	17.515	2664912	24.214 ug/mlm
18) T n-Dotriacontane (C32)	18.341	2411269	24.387 ug/ml
19) T n-Tetratriacontane (C34)	19.122	2056852	23.333 ug/mlm
20) T n-Hexatriacontane (C36)	19.857	1498490	19.024 ug/ml
21) T n-Octatriacontane (C38)	20.561	823887	12.296 ug/ml
22) T n-Tetracontane (C40)	21.386	260192	5.092 ug/ml

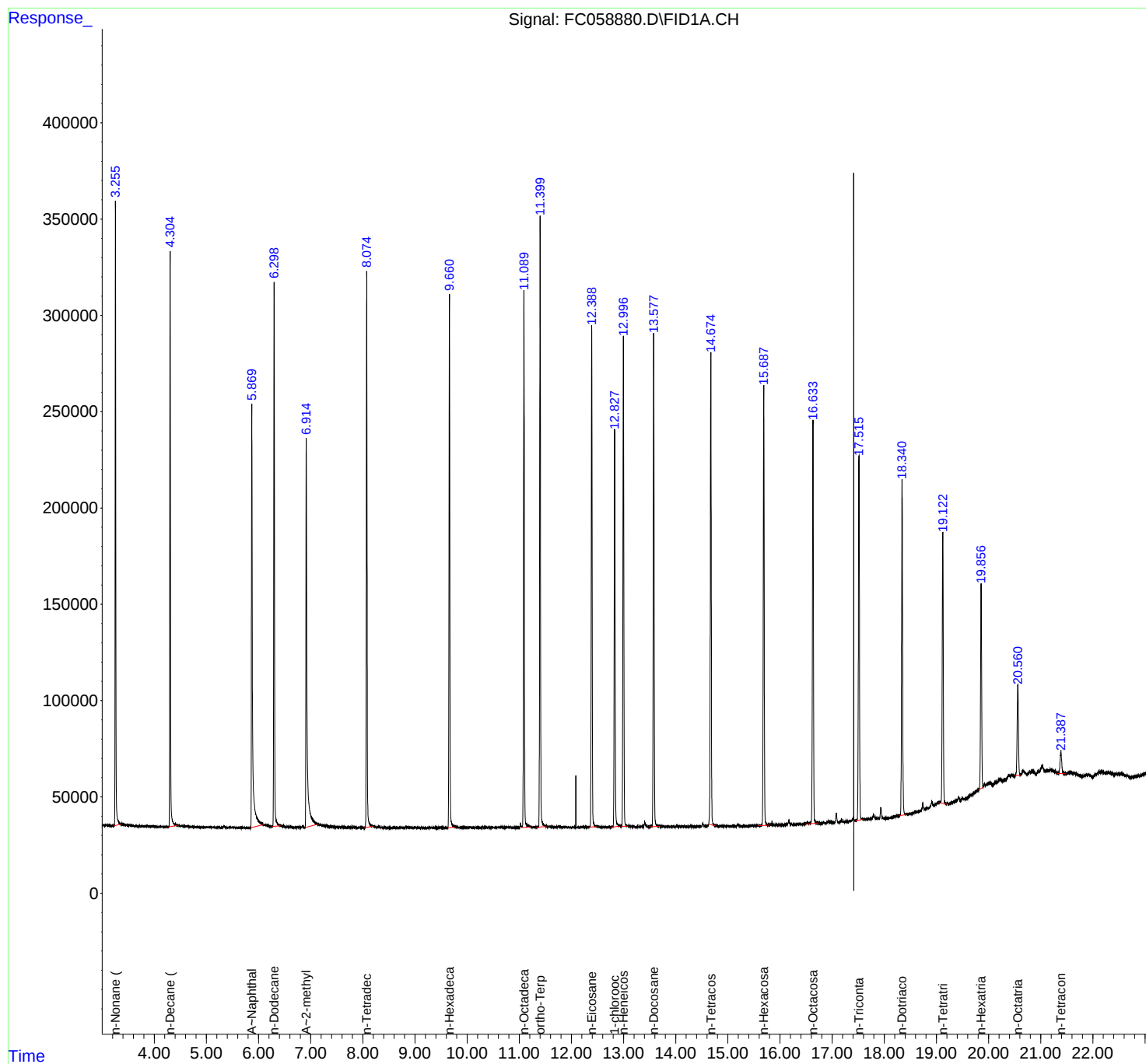
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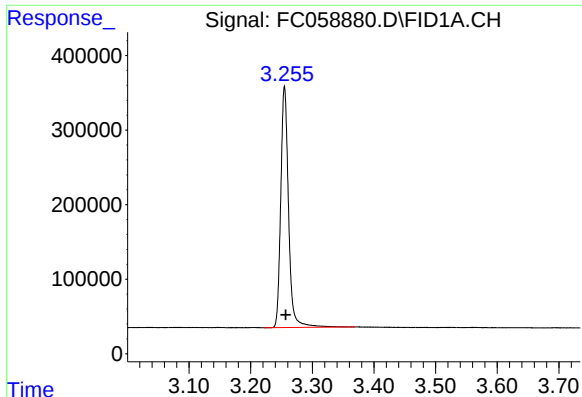
(m)=manual int.

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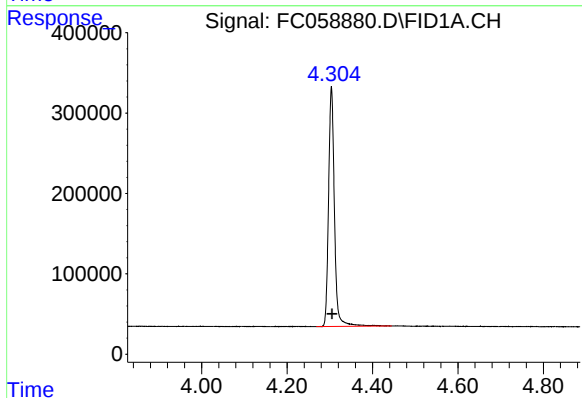
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Signal Info : 20M x 0.18mm x 0.18um





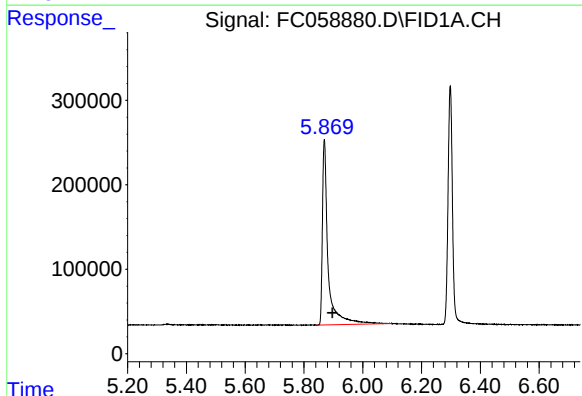
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.002 min
Response: 2839623
Conc: 24.96 ug/ml



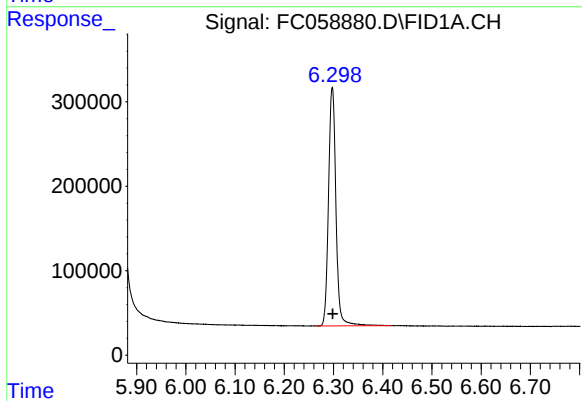
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 2841647
Conc: 25.50 ug/ml



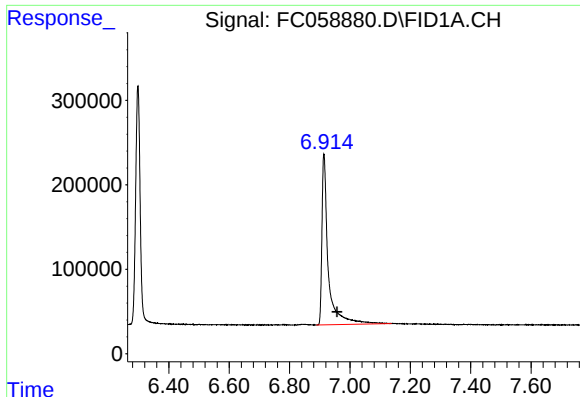
#3 A~Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: -0.027 min
Response: 2969537
Conc: 26.06 ug/ml



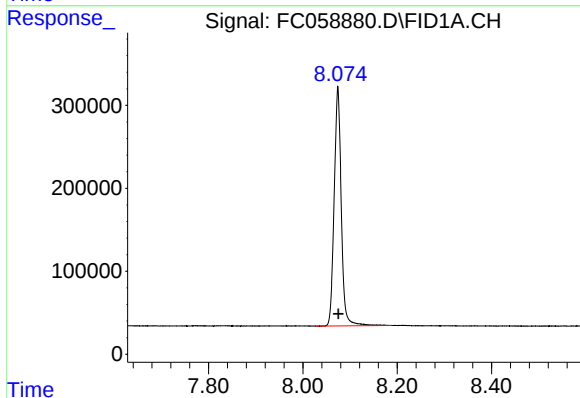
#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 2963480
Conc: 24.89 ug/ml



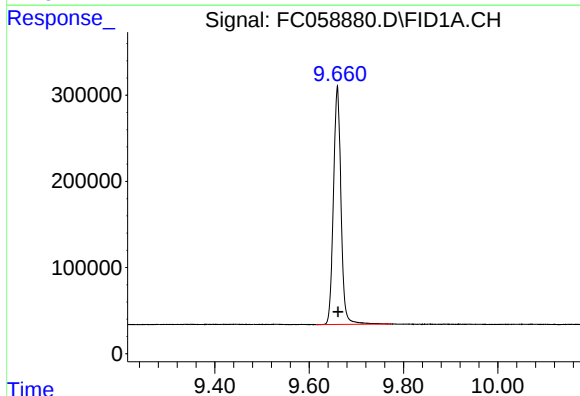
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: -0.043 min
Response: 2954044
Conc: 25.93 ug/ml



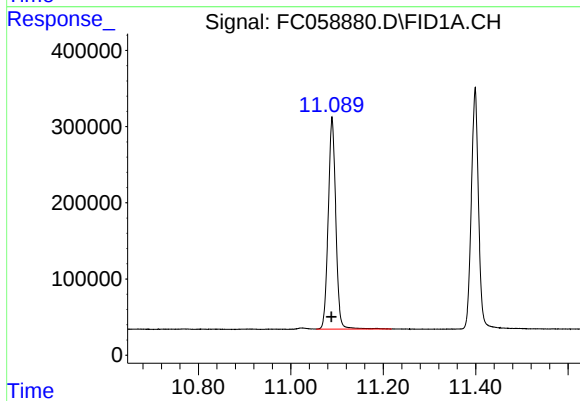
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: -0.001 min
Response: 2999095
Conc: 25.05 ug/ml



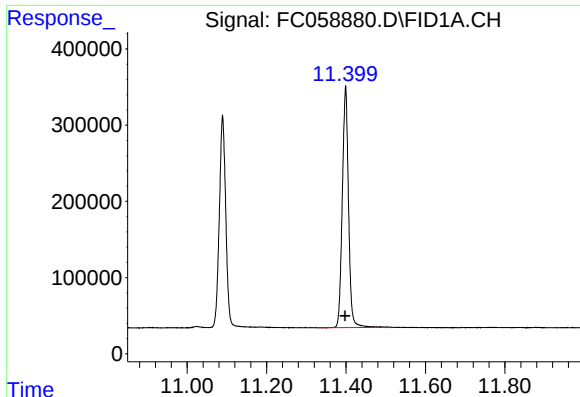
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: -0.001 min
Response: 3072436
Conc: 24.65 ug/ml



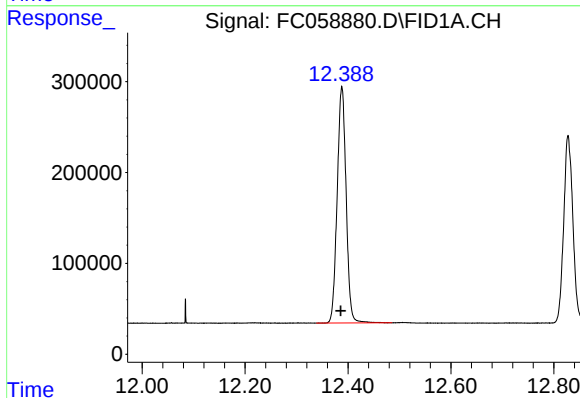
#8 n-Octadecane (C18)

R.T.: 11.089 min
Delta R.T.: 0.002 min
Response: 3169960
Conc: 24.29 ug/ml



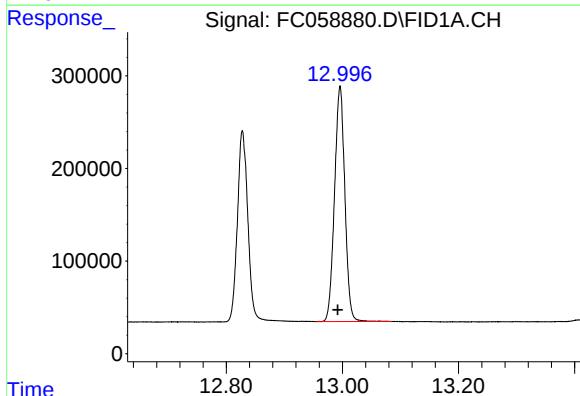
#9 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 3434668
Conc: 23.56 ug/ml



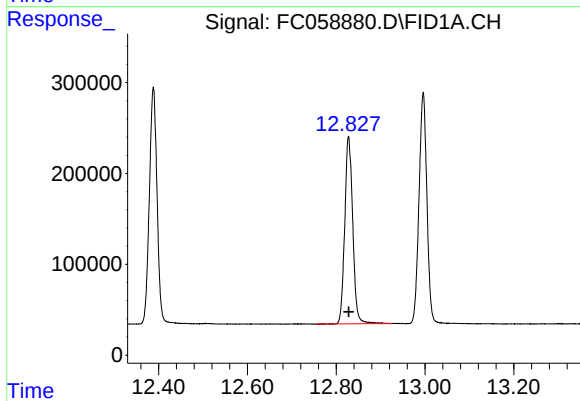
#10 n-Eicosane (C20)

R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 3139302
Conc: 23.39 ug/ml



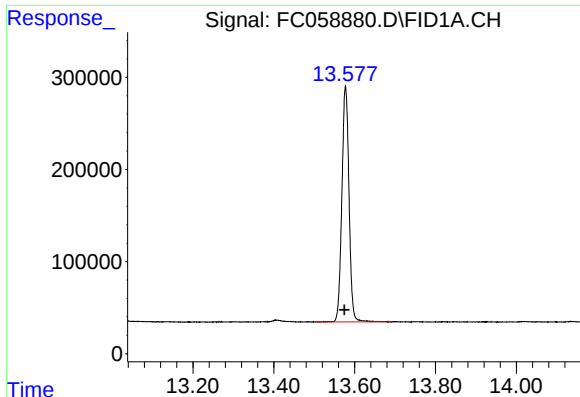
#11 n-Heneicosane (C21)

R.T.: 12.996 min
Delta R.T.: 0.003 min
Response: 3138124
Conc: 23.11 ug/ml



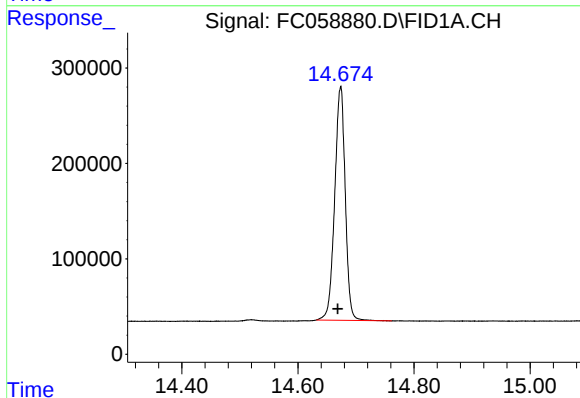
#12 1-chlorooctadecane (SURR)

R.T.: 12.828 min
Delta R.T.: 0.000 min
Response: 2585499
Conc: 24.15 ug/ml



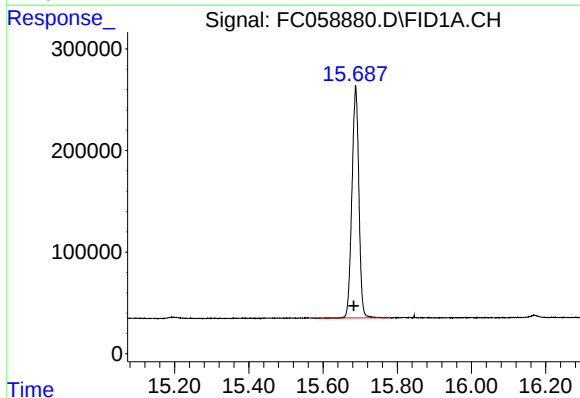
#13 n-Docosane (C22)

R.T.: 13.578 min
Delta R.T.: 0.003 min
Response: 3129718
Conc: 23.29 ug/ml



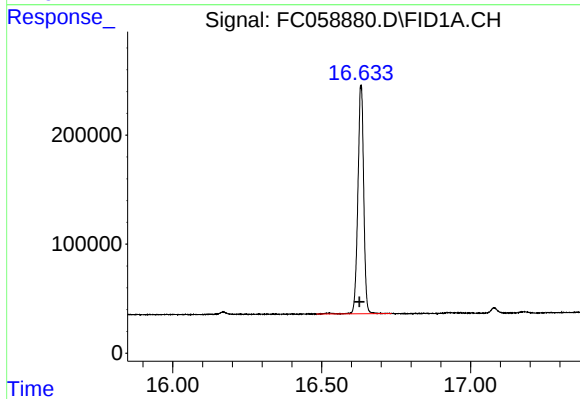
#14 n-Tetracosane (C24)

R.T.: 14.673 min
Delta R.T.: 0.004 min
Response: 3095700
Conc: 23.31 ug/ml



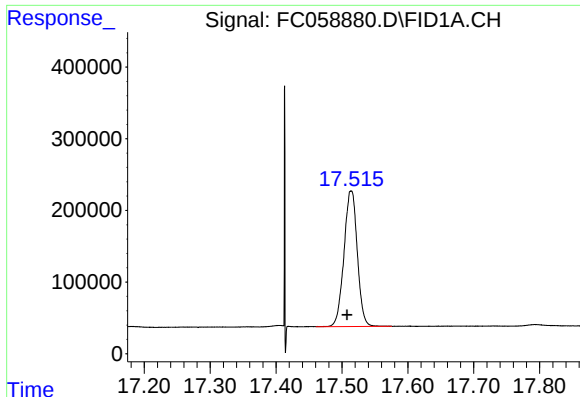
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: 0.005 min
Response: 2963558
Conc: 23.34 ug/ml



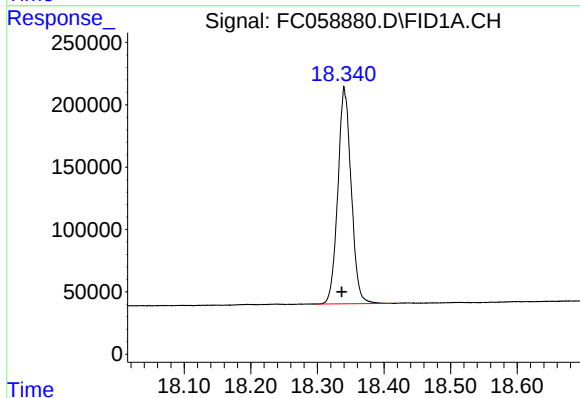
#16 n-Octacosane (C28)

R.T.: 16.632 min
Delta R.T.: 0.005 min
Response: 2855487
Conc: 23.94 ug/ml



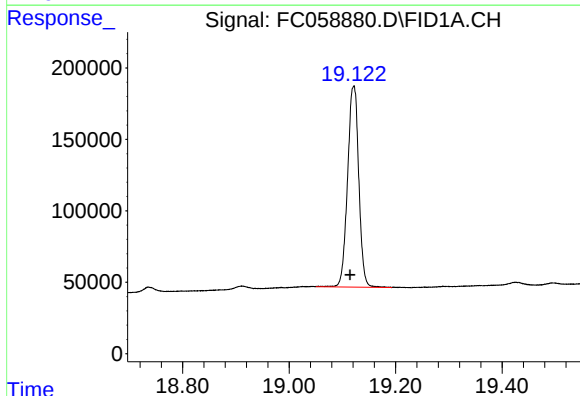
#17 n-Tricontane (C30)

R.T.: 17.515 min
Delta R.T.: 0.007 min
Response: 2664912
Conc: 24.21 ug/ml m



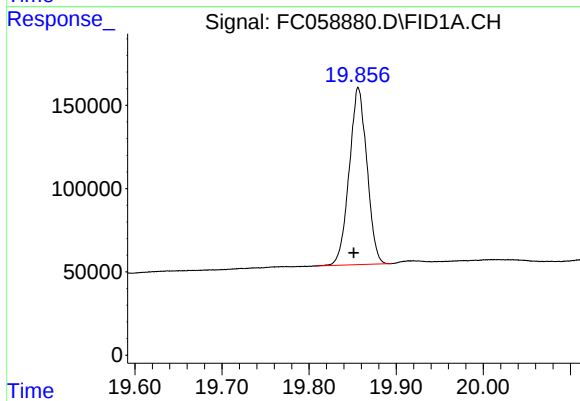
#18 n-Dotriacontane (C32)

R.T.: 18.341 min
Delta R.T.: 0.004 min
Response: 2411269
Conc: 24.39 ug/ml



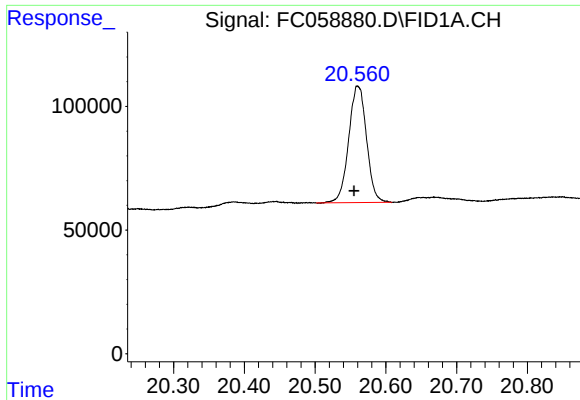
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min
Delta R.T.: 0.007 min
Response: 2056852
Conc: 23.33 ug/ml m



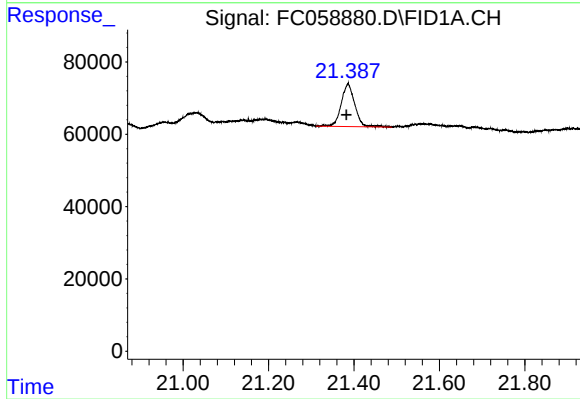
#20 n-Hexatriacontane (C36)

R.T.: 19.857 min
Delta R.T.: 0.005 min
Response: 1498490
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.561 min
Delta R.T.: 0.006 min
Response: 823887
Conc: 12.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.386 min
Delta R.T.: 0.003 min
Response: 260192
Conc: 5.09 ug/ml