

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082721AL\
 Data File : FC055439.D
 Signal(s) : FID1A.CH
 Acq On : 28 Aug 2021 1:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 28 01:58:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 2021
 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)	11.298	2388487	18.971 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	12.738	1851114	18.678 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
Target Compounds			
1) T n-Nonane (C9)	3.138	2342505	22.402 ug/ml
2) T n-Decane (C10)	4.187	2415560	22.938 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2431181	22.375 ug/ml
4) T n-Dodecane (C12)	6.186	2473320	22.776 ug/ml
5) T A~2-methylnaphthalene...	6.802	2438692	22.345 ug/ml
6) T n-Tetradecane (C14)	7.969	2457724	22.015 ug/ml
7) T n-Hexadecane (C16)	9.560	2400215	21.045 ug/ml
8) T n-Octadecane (C18)	10.994	2373760	20.130 ug/ml
10) T n-Eicosane (C20)	12.297	2256285	19.218 ug/ml
11) T n-Heneicosane (C21)	12.906	2237891	18.953 ug/ml
13) T n-Docosane (C22)	13.490	2173307	18.608 ug/ml
14) T n-Tetracosane (C24)	14.587	2117735	18.296 ug/ml
15) T n-Hexacosane (C26)	15.605	2074975	18.515 ug/ml
16) T n-Octacosane (C28)	16.551	2076366	19.124 ug/ml
17) T n-Tricontane (C30)	17.435	2093121	20.047 ug/ml
18) T n-Dotriacontane (C32)	18.265	2087969	21.083 ug/ml
19) T n-Tetratriacontane (C34)	19.045	2077772	21.922 ug/ml
20) T n-Hexatriacontane (C36)	19.783	2292932	25.374 ug/ml
21) T n-Octatriacontane (C38)	20.483	2038476	23.592 ug/ml
22) T n-Tetracontane (C40)	21.283	2254306	25.314 ug/ml

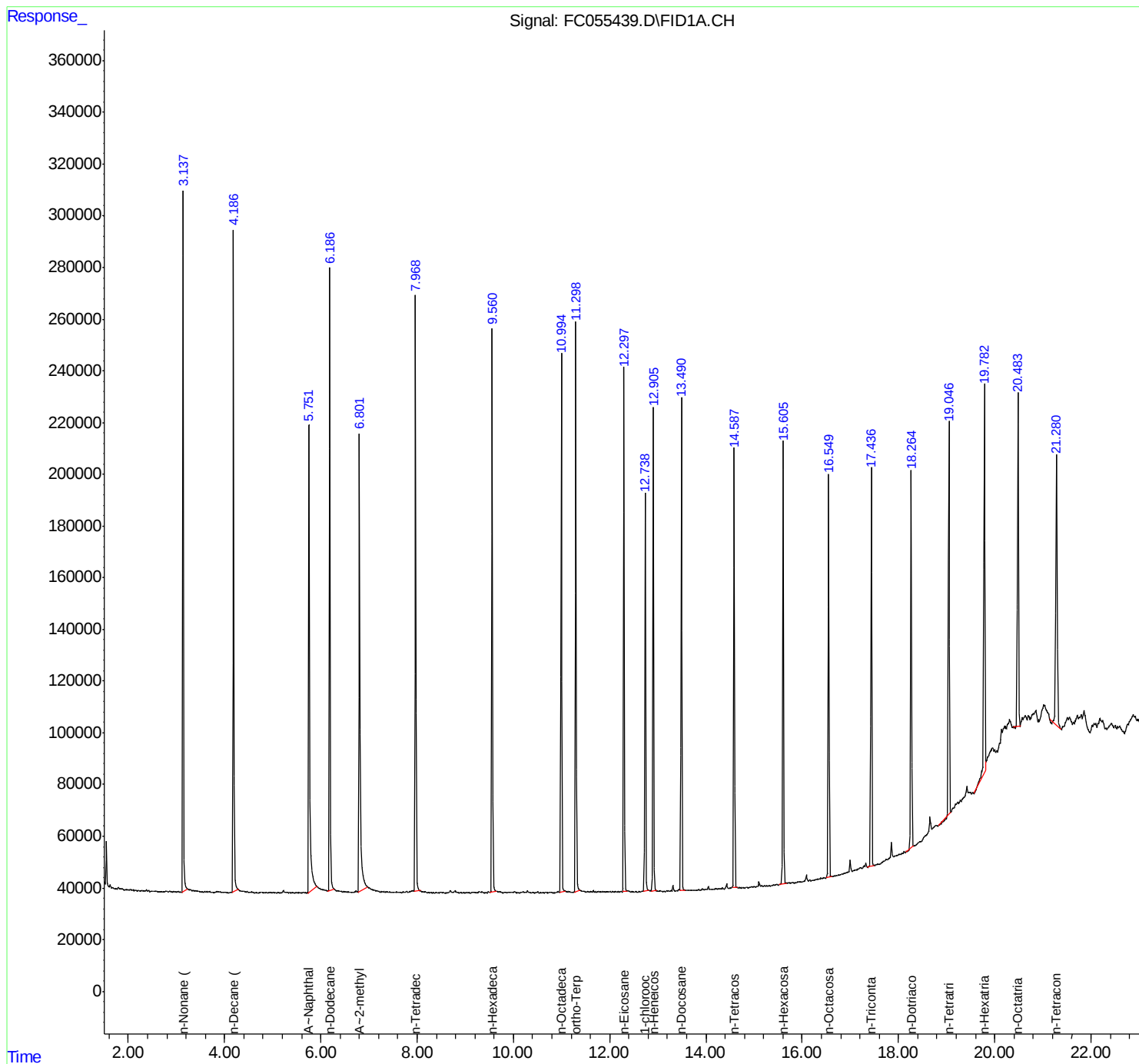
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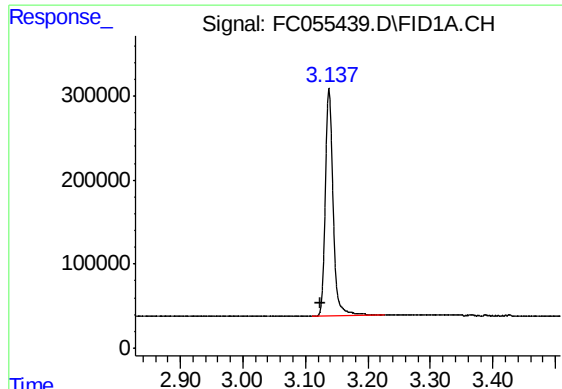
(m)=manual int.

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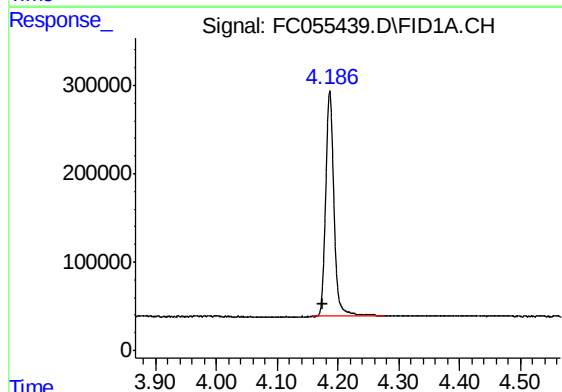
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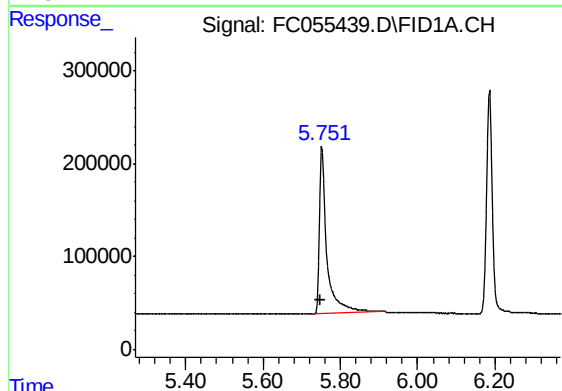
#1 n-Nonane (C9)

R.T.: 3.138 min
Delta R.T.: 0.013 min
Response: 2342505
Conc: 22.40 ug/ml



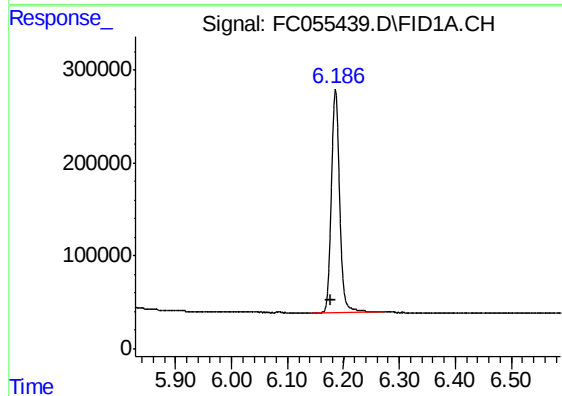
#2 n-Decane (C10)

R.T.: 4.187 min
Delta R.T.: 0.012 min
Response: 2415560
Conc: 22.94 ug/ml



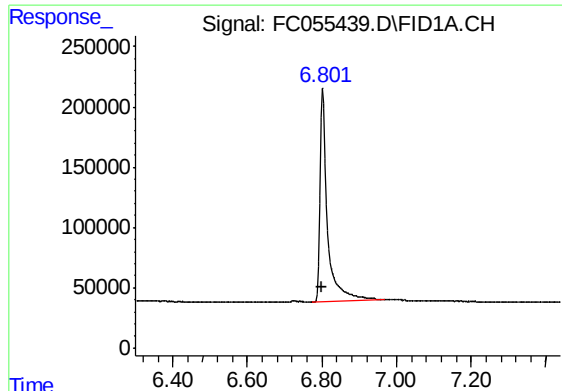
#3 A~Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: 0.004 min
Response: 2431181
Conc: 22.37 ug/ml



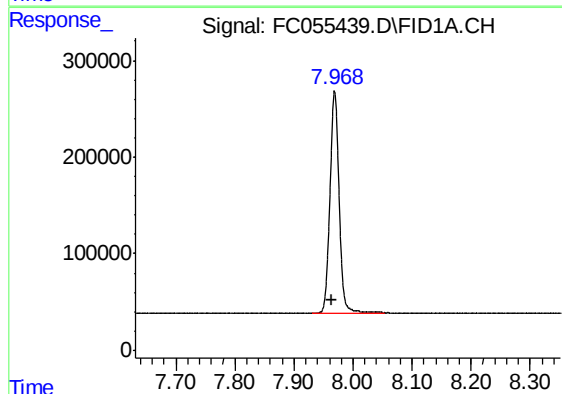
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: 0.009 min
Response: 2473320
Conc: 22.78 ug/ml



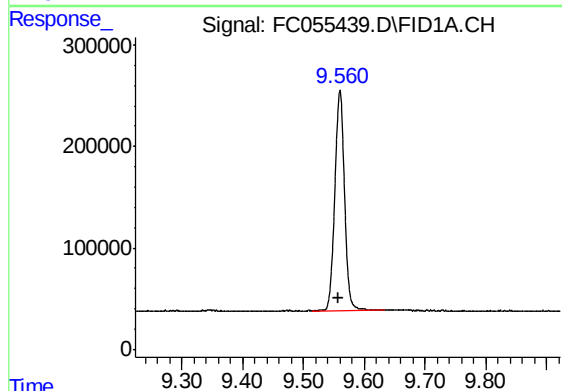
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: 0.002 min
Response: 2438692
Conc: 22.34 ug/ml



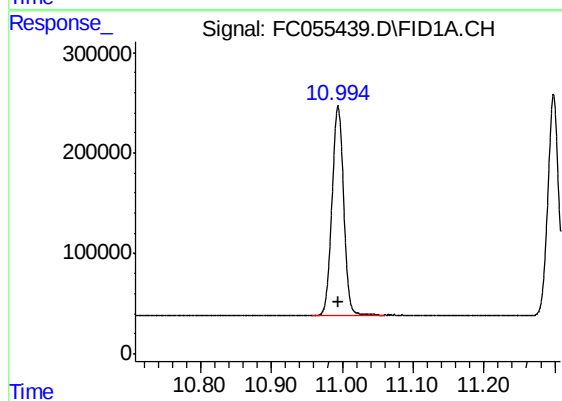
#6 n-Tetradecane (C14)

R.T.: 7.969 min
Delta R.T.: 0.005 min
Response: 2457724
Conc: 22.02 ug/ml



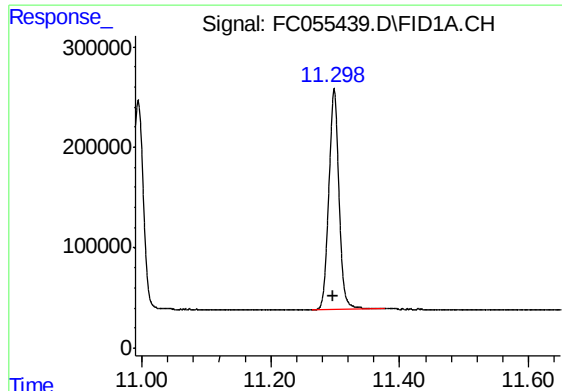
#7 n-Hexadecane (C16)

R.T.: 9.560 min
Delta R.T.: 0.002 min
Response: 2400215
Conc: 21.04 ug/ml



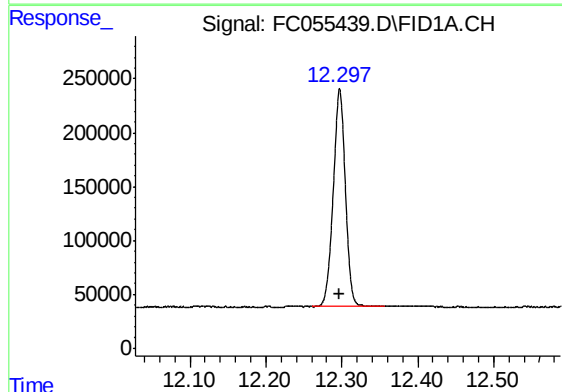
#8 n-Octadecane (C18)

R.T.: 10.994 min
Delta R.T.: 0.000 min
Response: 2373760
Conc: 20.13 ug/ml



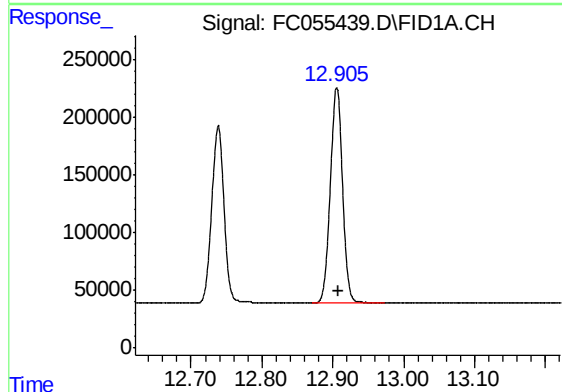
#9 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: 0.002 min
Response: 2388487
Conc: 18.97 ug/ml



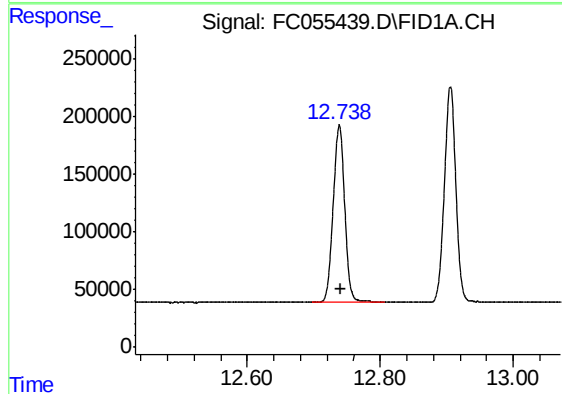
#10 n-Eicosane (C20)

R.T.: 12.297 min
Delta R.T.: 0.000 min
Response: 2256285
Conc: 19.22 ug/ml



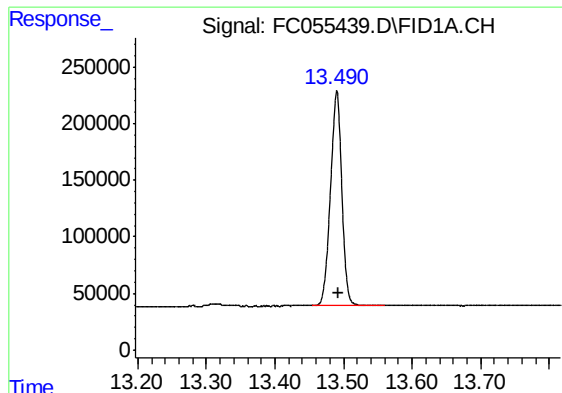
#11 n-Heneicosane (C21)

R.T.: 12.906 min
Delta R.T.: -0.002 min
Response: 2237891
Conc: 18.95 ug/ml



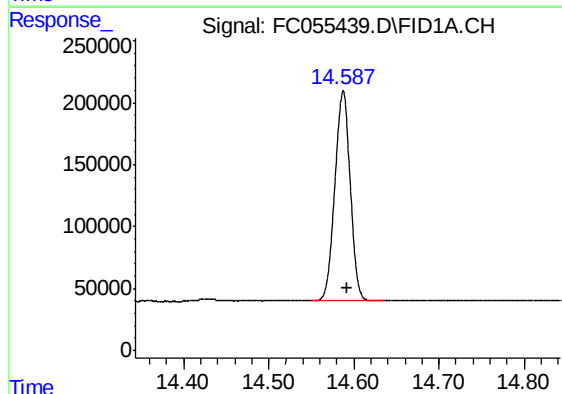
#12 1-chlorooctadecane (SURR)

R.T.: 12.738 min
Delta R.T.: -0.002 min
Response: 1851114
Conc: 18.68 ug/ml



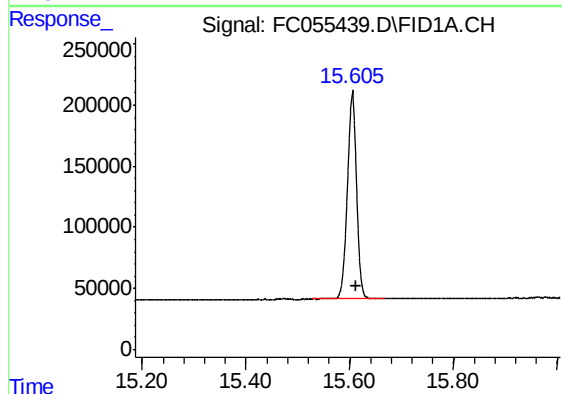
#13 n-Docosane (C22)

R.T.: 13.490 min
Delta R.T.: -0.003 min
Response: 2173307
Conc: 18.61 ug/ml



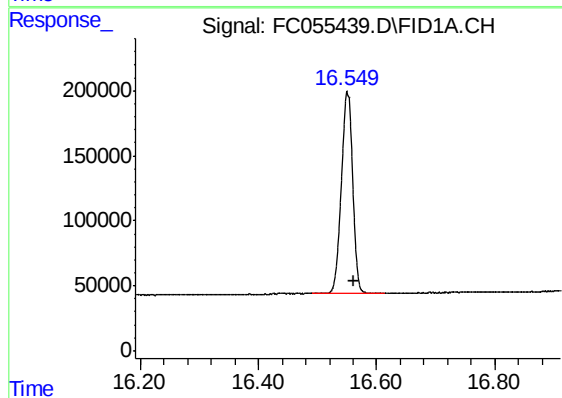
#14 n-Tetracosane (C24)

R.T.: 14.587 min
Delta R.T.: -0.005 min
Response: 2117735
Conc: 18.30 ug/ml



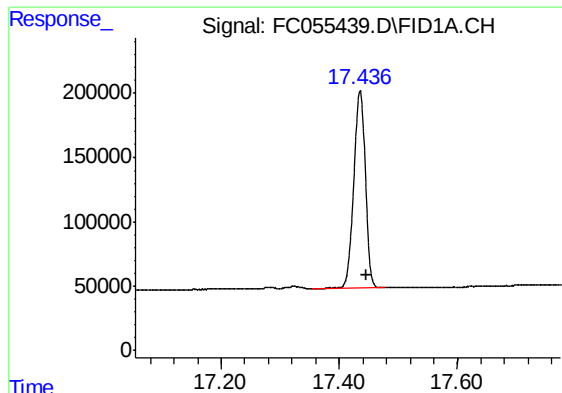
#15 n-Hexacosane (C26)

R.T.: 15.605 min
Delta R.T.: -0.007 min
Response: 2074975
Conc: 18.51 ug/ml



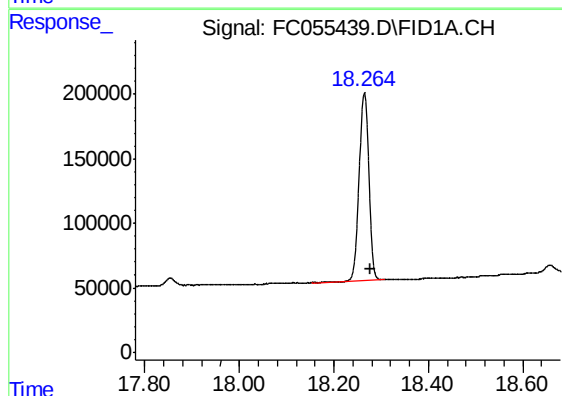
#16 n-Octacosane (C28)

R.T.: 16.551 min
Delta R.T.: -0.010 min
Response: 2076366
Conc: 19.12 ug/ml



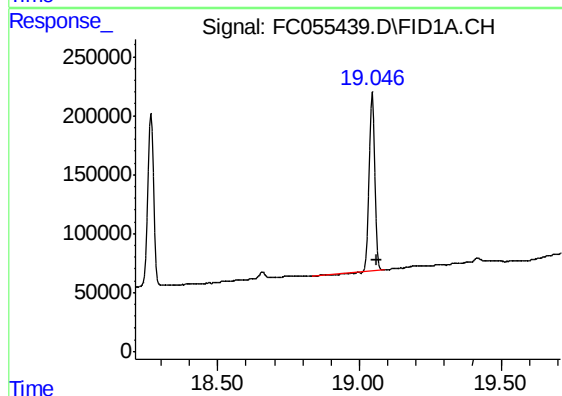
#17 n-Tricontane (C30)

R.T.: 17.435 min
Delta R.T.: -0.011 min
Response: 2093121
Conc: 20.05 ug/ml



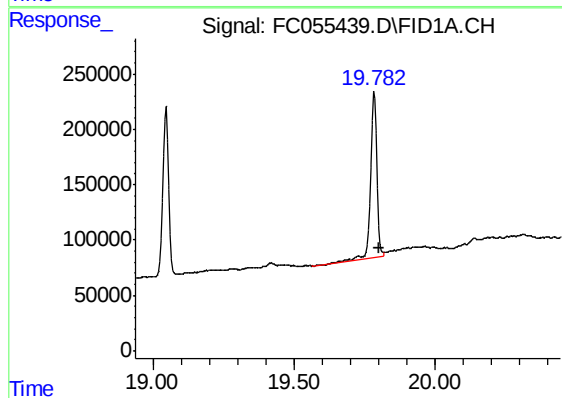
#18 n-Dotriacontane (C32)

R.T.: 18.265 min
Delta R.T.: -0.013 min
Response: 2087969
Conc: 21.08 ug/ml



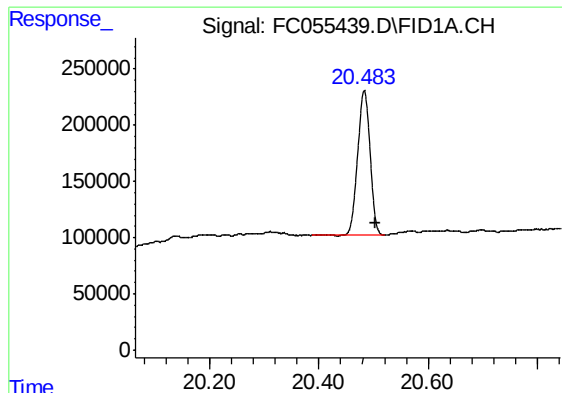
#19 n-Tetratriacontane (C34)

R.T.: 19.045 min
Delta R.T.: -0.015 min
Response: 2077772
Conc: 21.92 ug/ml



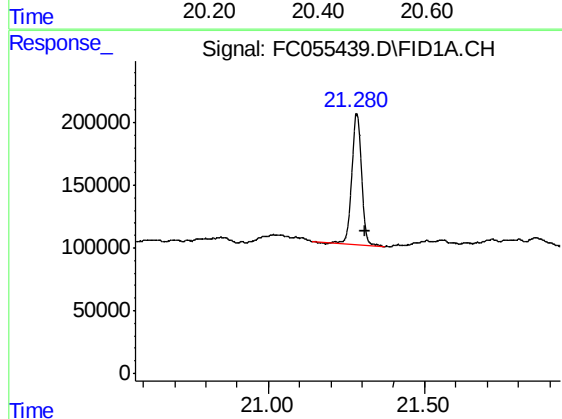
#20 n-Hexatriacontane (C36)

R.T.: 19.783 min
Delta R.T.: -0.016 min
Response: 2292932
Conc: 25.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.483 min
Delta R.T.: -0.020 min
Response: 2038476
Conc: 23.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.283 min
Delta R.T.: -0.027 min
Response: 2254306
Conc: 25.31 ug/ml