

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022119AL\
 Data File : FC039353.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2019 9:18
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 10:59:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:09:34 2019
 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)	11.181	2826688	18.080 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
12) S 1-chlorooctadecane (S...	12.625	2101713	17.824 ug/ml
Spiked Amount 50.000		Recovery =	35.65%
Target Compounds			
1) T n-Nonane (C9)	3.045	1982586	19.102 ug/ml
2) T n-Decane (C10)	4.095	2028379	19.678 ug/ml
3) T A~Naphthalene (C11.7)	5.648	2191529	19.530 ug/ml
4) T n-Dodecane (C12)	6.094	2127942	20.140 ug/ml
5) T A~2-methylnaphthalene...	6.695	2179497	19.600 ug/ml
6) T n-Tetradecane (C14)	7.872	2198783	20.192 ug/ml
7) T n-Hexadecane (C16)	9.458	2201180	19.570 ug/ml
8) T n-Octadecane (C18)	10.889	2197464	18.770 ug/ml
10) T n-Eicosane (C20)	12.189	2170764	18.228 ug/ml
11) T n-Heneicosane (C21)	12.797	2147580	18.248 ug/ml
13) T n-Docosane (C22)	13.379	2151434	18.253 ug/ml
14) T n-Tetracosane (C24)	14.475	2175116	18.444 ug/ml
15) T n-Hexacosane (C26)	15.490	2180351	18.752 ug/ml
16) T n-Octacosane (C28)	16.433	2205839	18.927 ug/ml
17) T n-Tricontane (C30)	17.316	2210598	19.047 ug/ml
18) T n-Dotriacontane (C32)	18.144	2146382	19.736 ug/ml
19) T n-Tetratriacontane (C34)	18.924	1936484	20.909 ug/ml
20) T n-Hexatriacontane (C36)	19.722	99485	1.252 ug/ml
21) T n-Octatriacontane (C38)	20.357	2109460	28.722 ug/ml
22) T n-Tetracontane (C40)	21.128	1668535	22.362 ug/ml

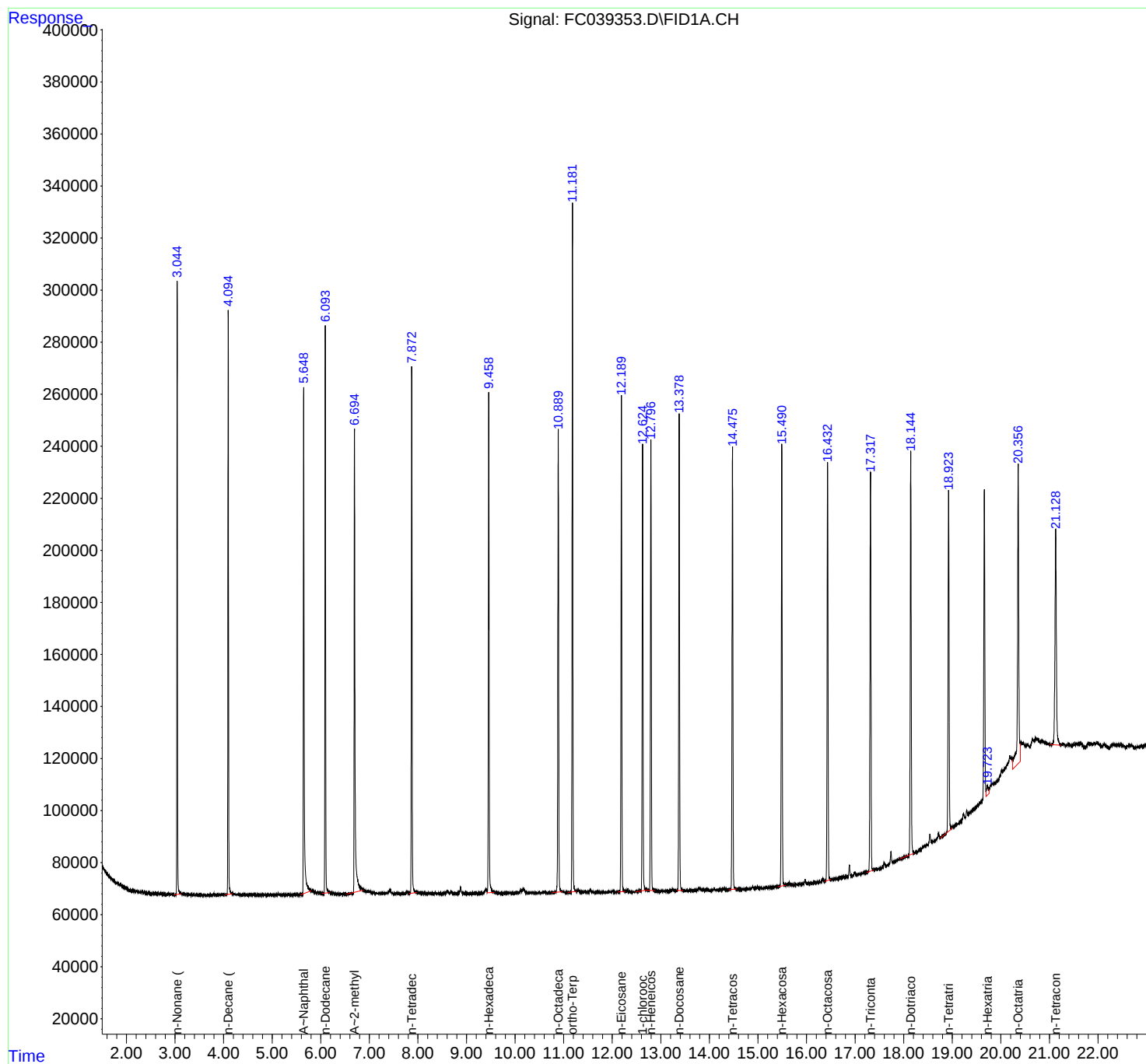
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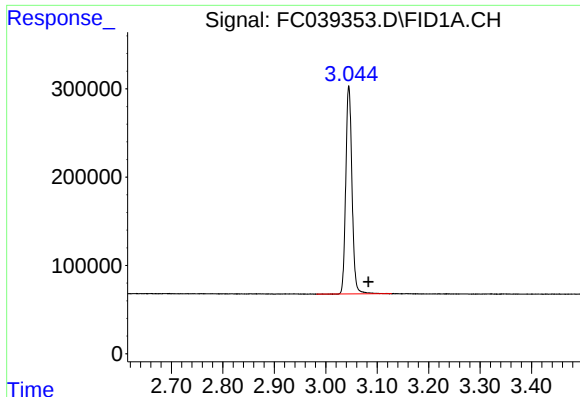
(m)=manual int.

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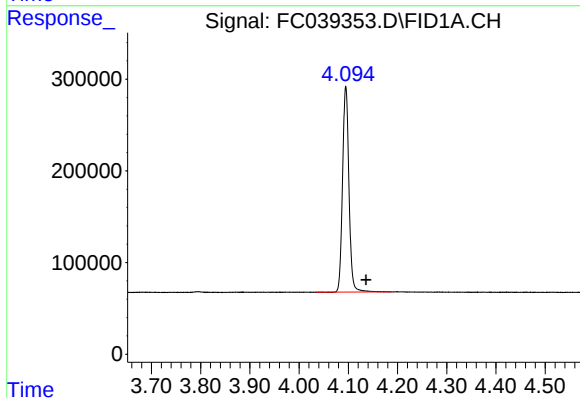
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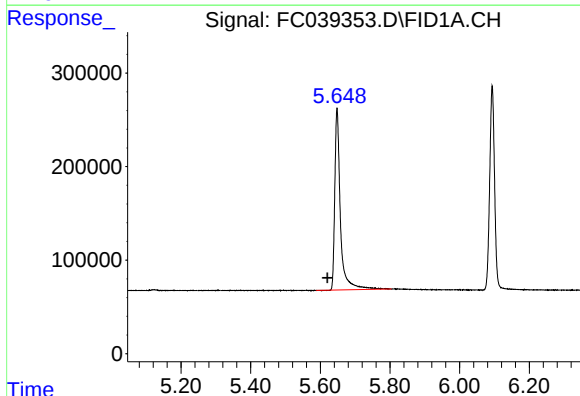
#1 n-Nonane (C9)

R.T.: 3.045 min
Delta R.T.: -0.038 min
Response: 1982586
Conc: 19.10 ug/ml



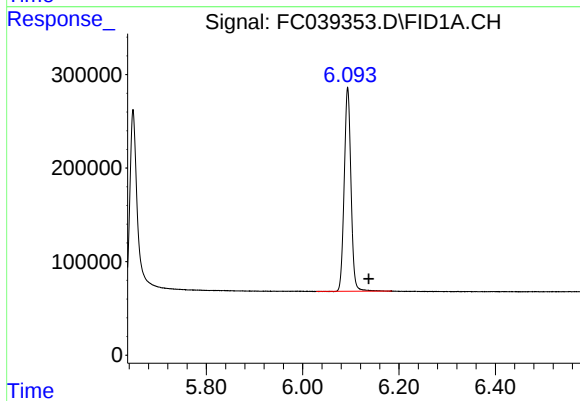
#2 n-Decane (C10)

R.T.: 4.095 min
Delta R.T.: -0.041 min
Response: 2028379
Conc: 19.68 ug/ml



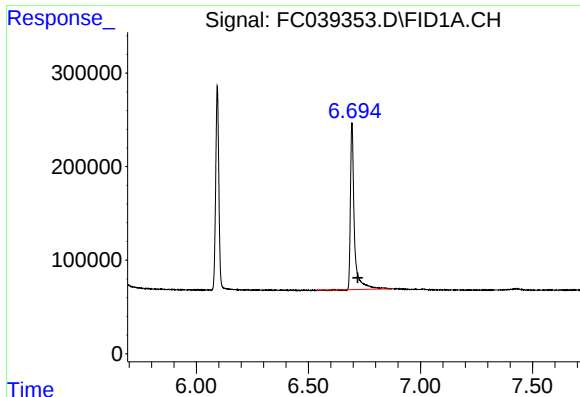
#3 A~Naphthalene (C11.7)

R.T.: 5.648 min
Delta R.T.: 0.028 min
Response: 2191529
Conc: 19.53 ug/ml



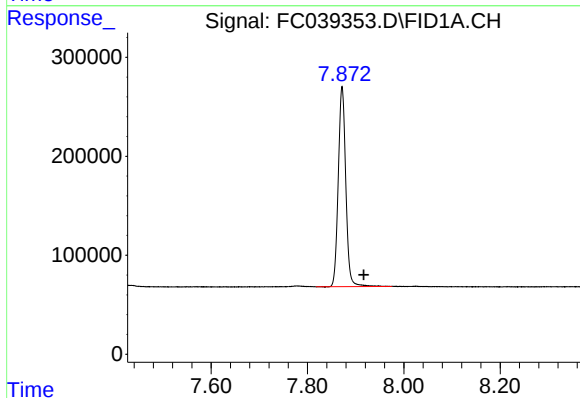
#4 n-Dodecane (C12)

R.T.: 6.094 min
Delta R.T.: -0.043 min
Response: 2127942
Conc: 20.14 ug/ml



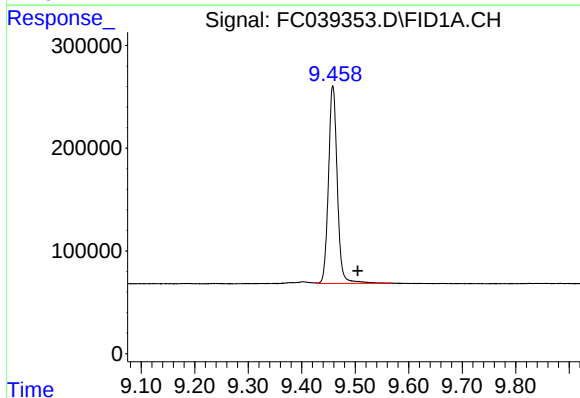
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.695 min
Delta R.T.: -0.025 min
Response: 2179497
Conc: 19.60 ug/ml



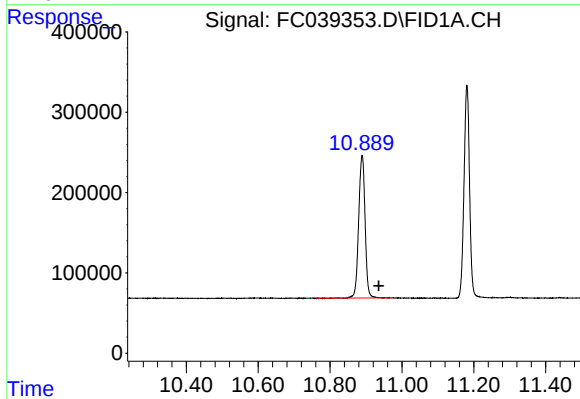
#6 n-Tetradecane (C14)

R.T.: 7.872 min
Delta R.T.: -0.045 min
Response: 2198783
Conc: 20.19 ug/ml



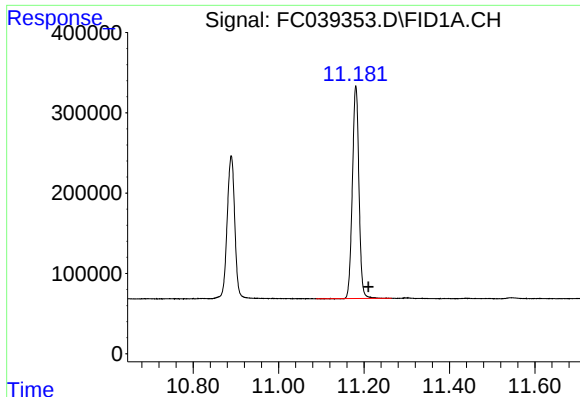
#7 n-Hexadecane (C16)

R.T.: 9.458 min
Delta R.T.: -0.047 min
Response: 2201180
Conc: 19.57 ug/ml



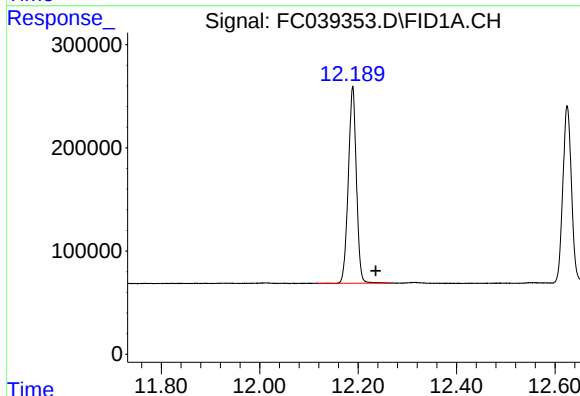
#8 n-Octadecane (C18)

R.T.: 10.889 min
Delta R.T.: -0.047 min
Response: 2197464
Conc: 18.77 ug/ml



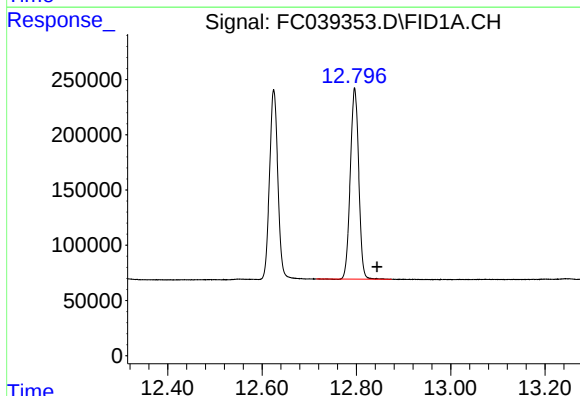
#9 ortho-Terphenyl (SURR)

R.T.: 11.181 min
Delta R.T.: -0.029 min
Response: 2826688
Conc: 18.08 ug/ml



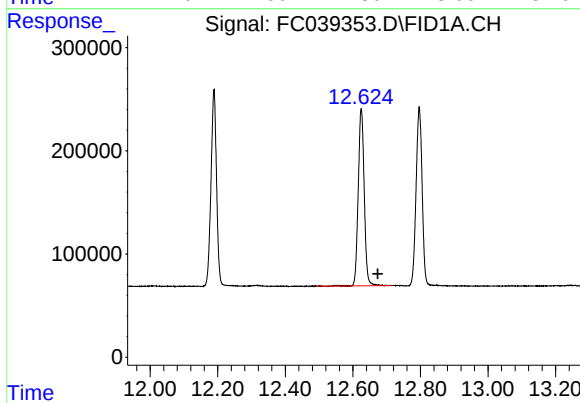
#10 n-Eicosane (C20)

R.T.: 12.189 min
Delta R.T.: -0.047 min
Response: 2170764
Conc: 18.23 ug/ml



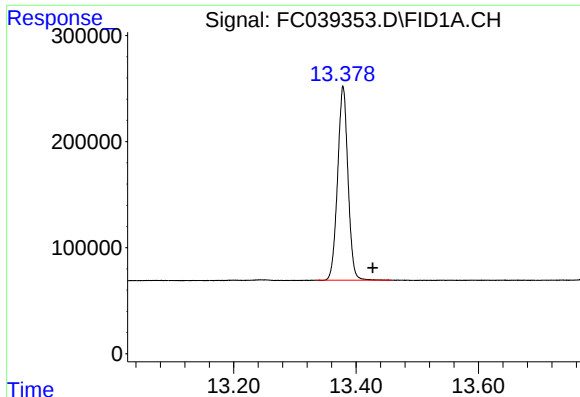
#11 n-Heneicosane (C21)

R.T.: 12.797 min
Delta R.T.: -0.047 min
Response: 2147580
Conc: 18.25 ug/ml



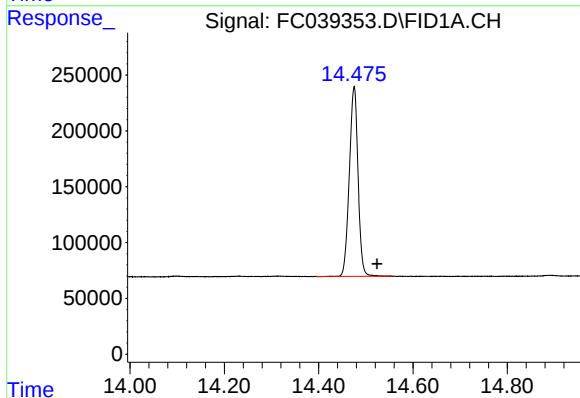
#12 1-chlorooctadecane (SURR)

R.T.: 12.625 min
Delta R.T.: -0.049 min
Response: 2101713
Conc: 17.82 ug/ml



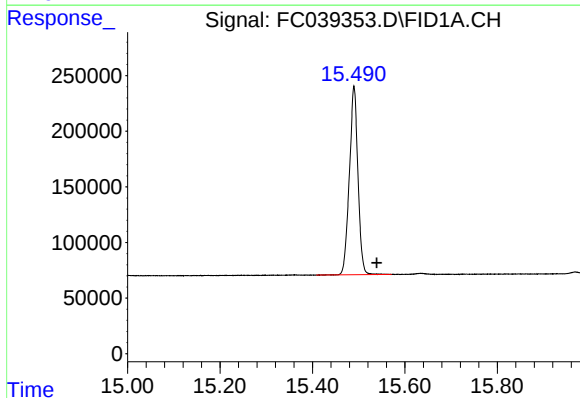
#13 n-Docosane (C22)

R.T.: 13.379 min
Delta R.T.: -0.048 min
Response: 2151434
Conc: 18.25 ug/ml



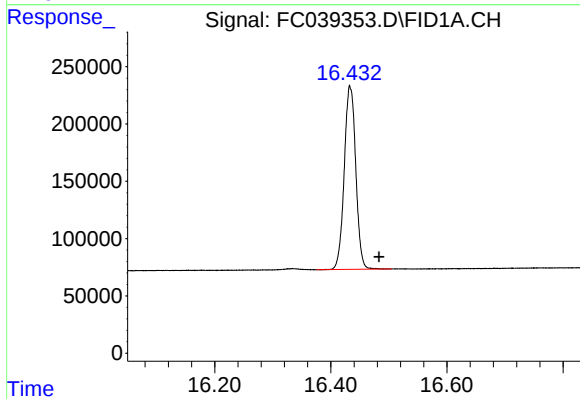
#14 n-Tetracosane (C24)

R.T.: 14.475 min
Delta R.T.: -0.049 min
Response: 2175116
Conc: 18.44 ug/ml



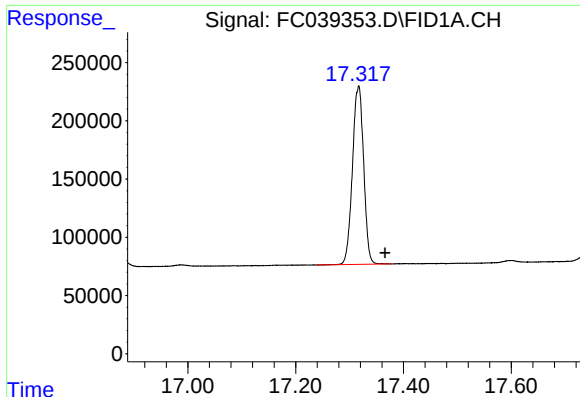
#15 n-Hexacosane (C26)

R.T.: 15.490 min
Delta R.T.: -0.049 min
Response: 2180351
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.433 min
Delta R.T.: -0.050 min
Response: 2205839
Conc: 18.93 ug/ml



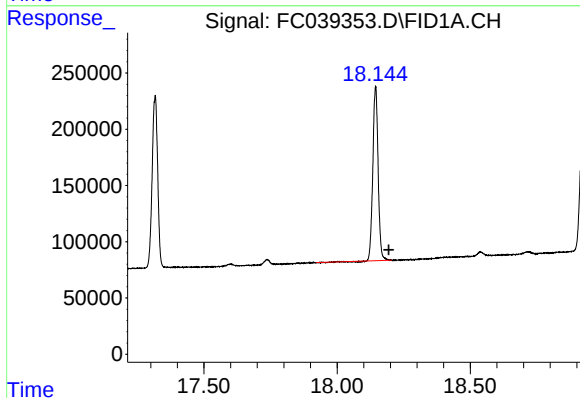
#17 n-Tricontane (C30)

R.T.: 17.316 min

Delta R.T.: -0.050 min

Response: 2210598

Conc: 19.05 ug/ml



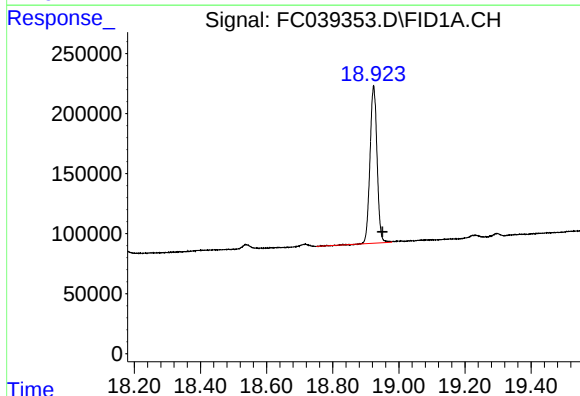
#18 n-Dotriacontane (C32)

R.T.: 18.144 min

Delta R.T.: -0.050 min

Response: 2146382

Conc: 19.74 ug/ml



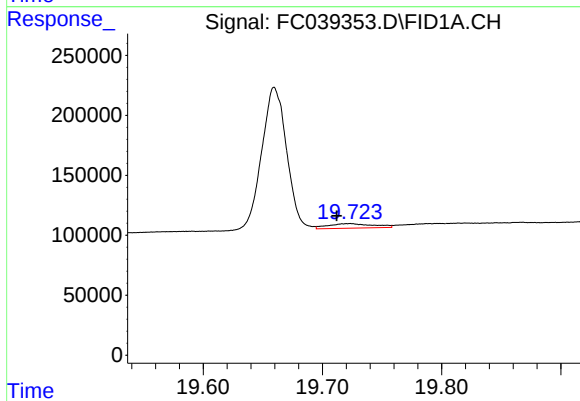
#19 n-Tetratriacontane (C34)

R.T.: 18.924 min

Delta R.T.: -0.026 min

Response: 1936484

Conc: 20.91 ug/ml



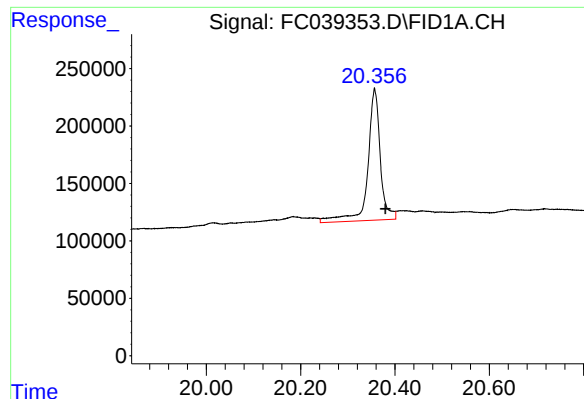
#20 n-Hexatriacontane (C36)

R.T.: 19.722 min

Delta R.T.: 0.010 min

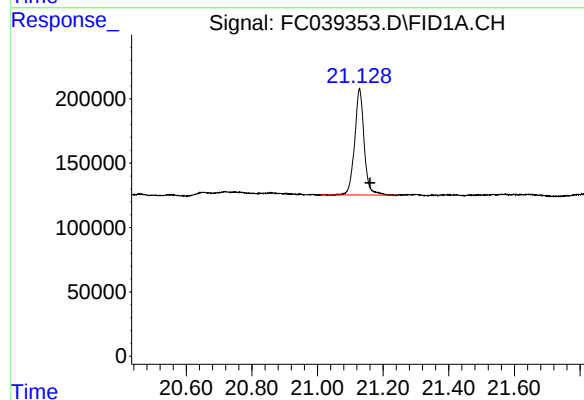
Response: 99485

Conc: 1.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.357 min
Delta R.T.: -0.023 min
Response: 2109460
Conc: 28.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.128 min
Delta R.T.: -0.032 min
Response: 1668535
Conc: 22.36 ug/ml