

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121718AL\
 Data File : FC038312.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2018 7:30
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 08:03:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 15 05:55:02 2018
 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)	11.274	2456250	18.841 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
12) S 1-chlorooctadecane (S...	12.717	1881812	18.664 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
Target Compounds			
1) T n-Nonane (C9)	3.112	2054957	19.760 ug/ml
2) T n-Decane (C10)	4.169	2114192	20.186 ug/ml
3) T A~Naphthalene (C11.7)	5.729	2357796	20.072 ug/ml
4) T n-Dodecane (C12)	6.174	2165211	20.055 ug/ml
5) T A~2-methylnaphthalene...	6.777	2351821	20.016 ug/ml
6) T n-Tetradecane (C14)	7.955	2208940	19.777 ug/ml
7) T n-Hexadecane (C16)	9.544	2228824	19.320 ug/ml
8) T n-Octadecane (C18)	10.977	2220322	18.368 ug/ml
10) T n-Eicosane (C20)	12.278	2225425	18.528 ug/ml
11) T n-Heneicosane (C21)	12.888	2212157	19.064 ug/ml
13) T n-Docosane (C22)	13.470	2202643	19.058 ug/ml
14) T n-Tetracosane (C24)	14.567	2194353	19.112 ug/ml
15) T n-Hexacosane (C26)	15.583	2173523	19.322 ug/ml
16) T n-Octacosane (C28)	16.528	2191602	19.498 ug/ml
17) T n-Tricontane (C30)	17.412	2166599	19.741 ug/ml
18) T n-Dotriacontane (C32)	18.240	2035316	19.871 ug/ml
19) T n-Tetratriacontane (C34)	19.020	1859554	21.101 ug/ml
20) T n-Hexatriacontane (C36)	19.758	1688084	21.547 ug/ml
21) T n-Octatriacontane (C38)	20.457	2250918	29.088 ug/ml
22) T n-Tetracontane (C40)	21.257	1583727	18.124 ug/ml

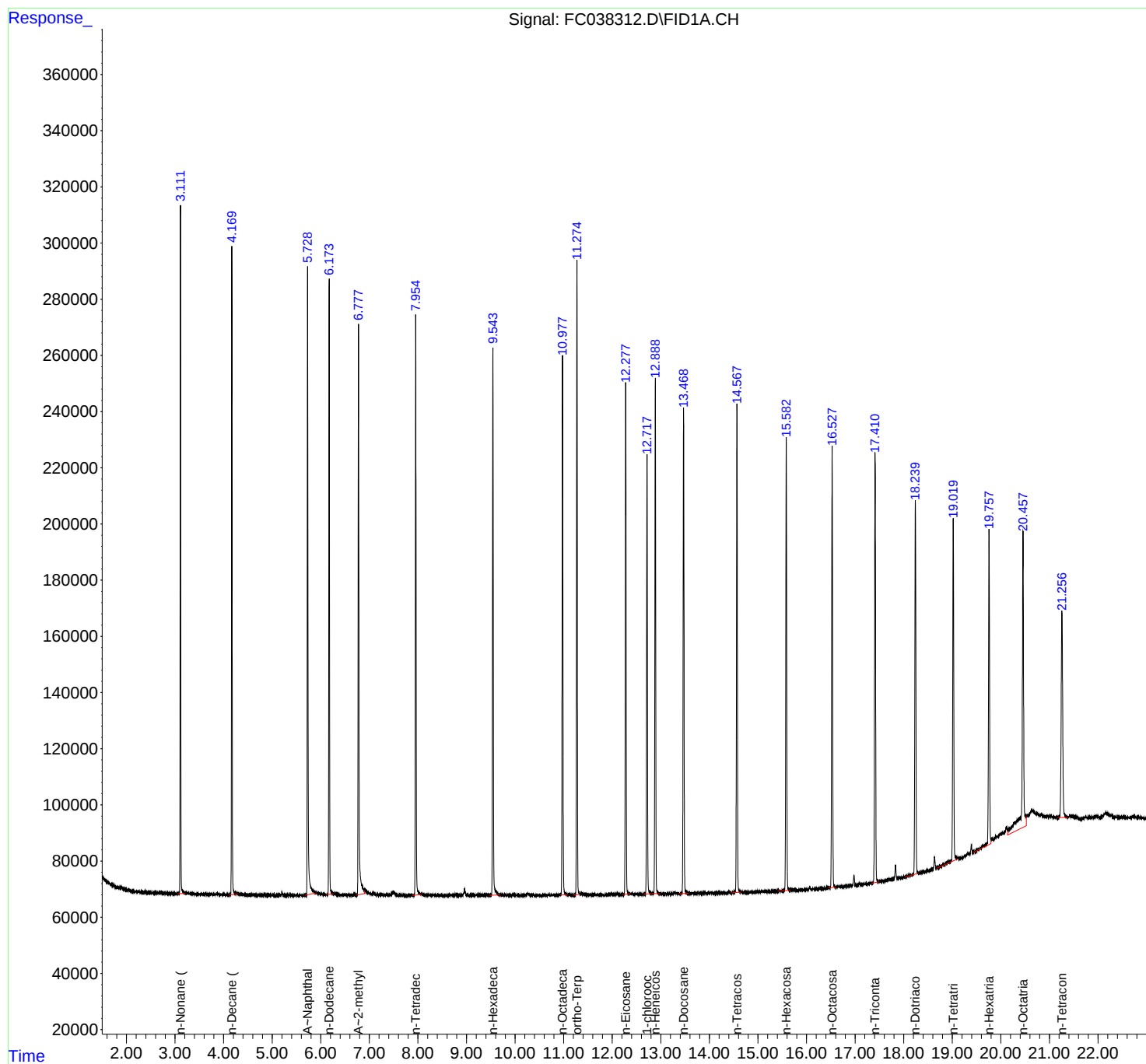
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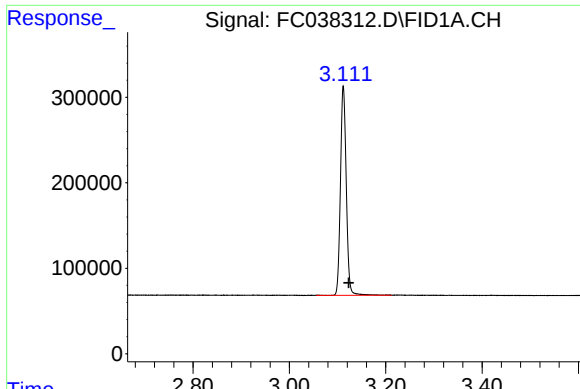
(m)=manual int.

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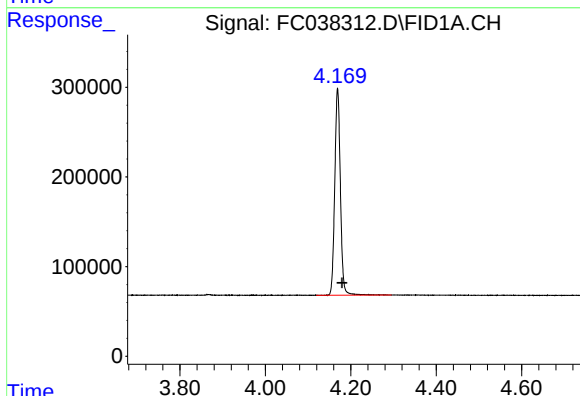
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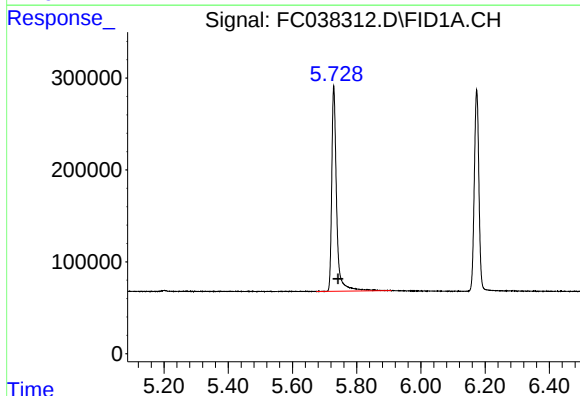
#1 n-Nonane (C9)

R.T.: 3.112 min
Delta R.T.: -0.011 min
Response: 2054957
Conc: 19.76 ug/ml



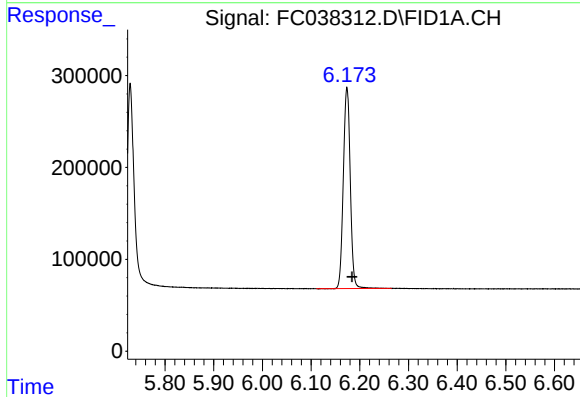
#2 n-Decane (C10)

R.T.: 4.169 min
Delta R.T.: -0.011 min
Response: 2114192
Conc: 20.19 ug/ml



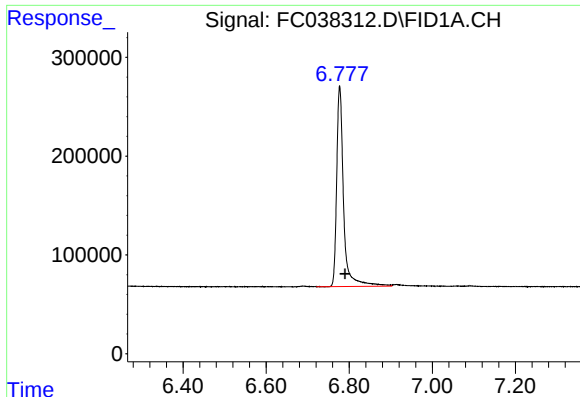
#3 A~Naphthalene (C11.7)

R.T.: 5.729 min
Delta R.T.: -0.014 min
Response: 2357796
Conc: 20.07 ug/ml



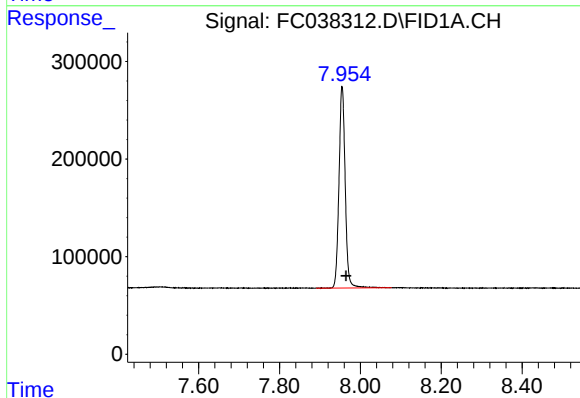
#4 n-Dodecane (C12)

R.T.: 6.174 min
Delta R.T.: -0.010 min
Response: 2165211
Conc: 20.06 ug/ml



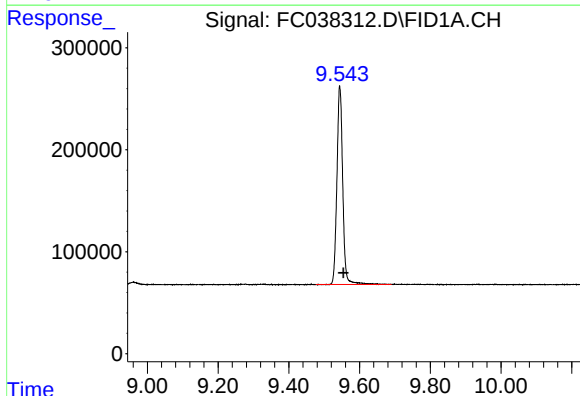
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.777 min
Delta R.T.: -0.013 min
Response: 2351821
Conc: 20.02 ug/ml



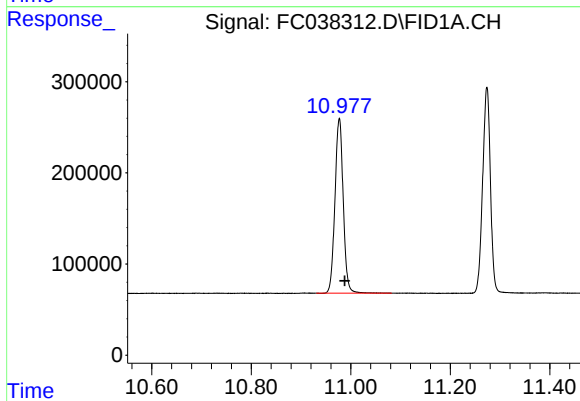
#6 n-Tetradecane (C14)

R.T.: 7.955 min
Delta R.T.: -0.010 min
Response: 2208940
Conc: 19.78 ug/ml



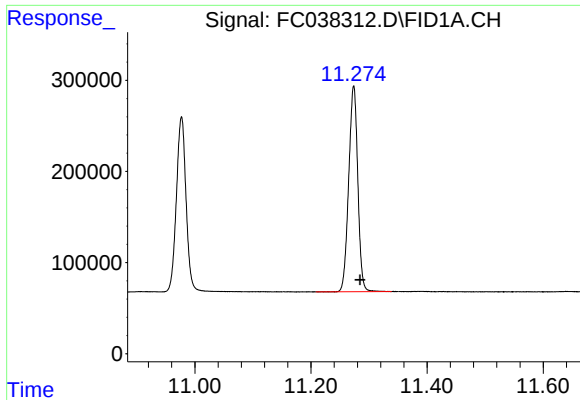
#7 n-Hexadecane (C16)

R.T.: 9.544 min
Delta R.T.: -0.010 min
Response: 2228824
Conc: 19.32 ug/ml



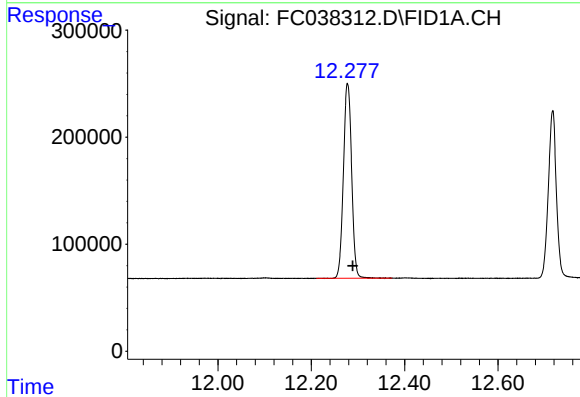
#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: -0.011 min
Response: 2220322
Conc: 18.37 ug/ml



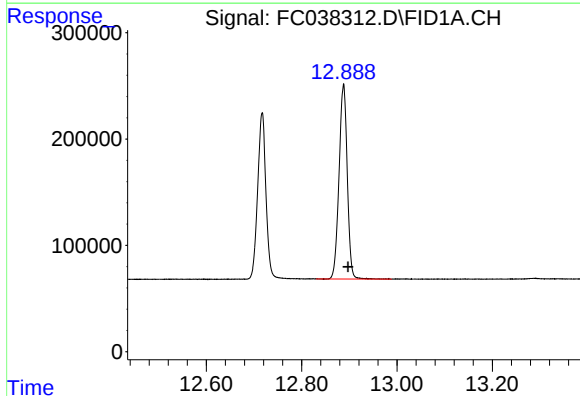
#9 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.011 min
Response: 2456250
Conc: 18.84 ug/ml



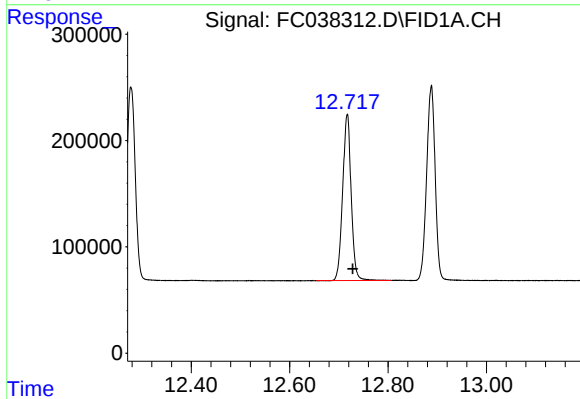
#10 n-Eicosane (C20)

R.T.: 12.278 min
Delta R.T.: -0.011 min
Response: 2225425
Conc: 18.53 ug/ml



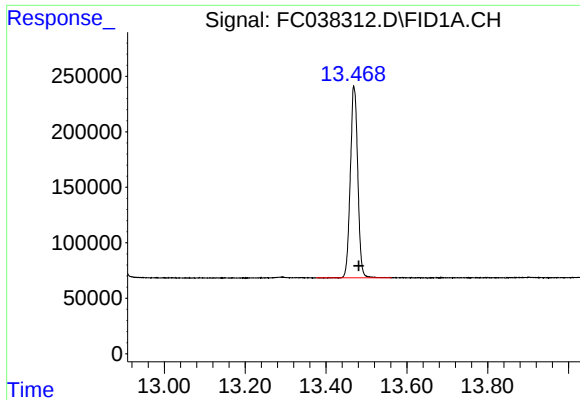
#11 n-Heneicosane (C21)

R.T.: 12.888 min
Delta R.T.: -0.010 min
Response: 2212157
Conc: 19.06 ug/ml



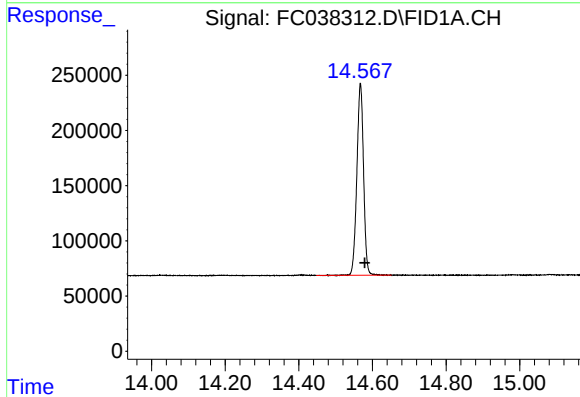
#12 1-chlorooctadecane (SURR)

R.T.: 12.717 min
Delta R.T.: -0.011 min
Response: 1881812
Conc: 18.66 ug/ml



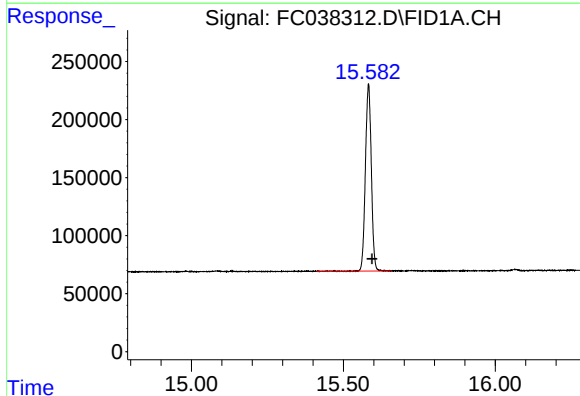
#13 n-Docosane (C22)

R.T.: 13.470 min
Delta R.T.: -0.012 min
Response: 2202643
Conc: 19.06 ug/ml



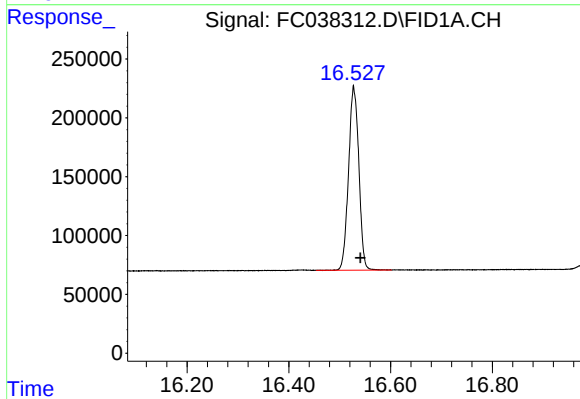
#14 n-Tetracosane (C24)

R.T.: 14.567 min
Delta R.T.: -0.011 min
Response: 2194353
Conc: 19.11 ug/ml



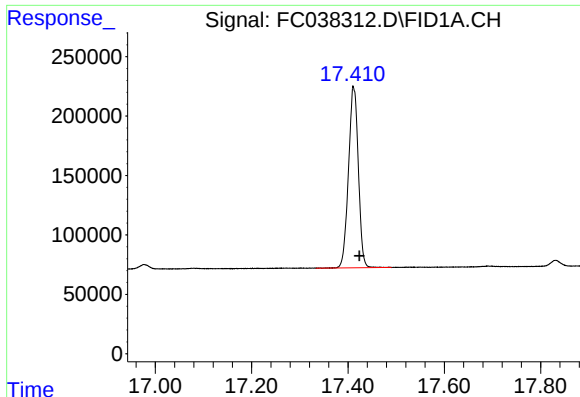
#15 n-Hexacosane (C26)

R.T.: 15.583 min
Delta R.T.: -0.012 min
Response: 2173523
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.528 min
Delta R.T.: -0.013 min
Response: 2191602
Conc: 19.50 ug/ml



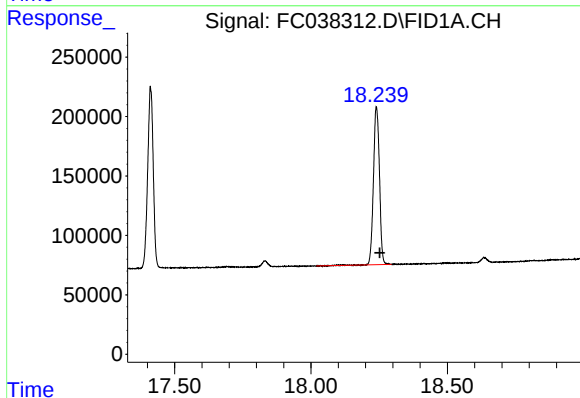
#17 n-Tricontane (C30)

R.T.: 17.412 min

Delta R.T.: -0.012 min

Response: 2166599

Conc: 19.74 ug/ml



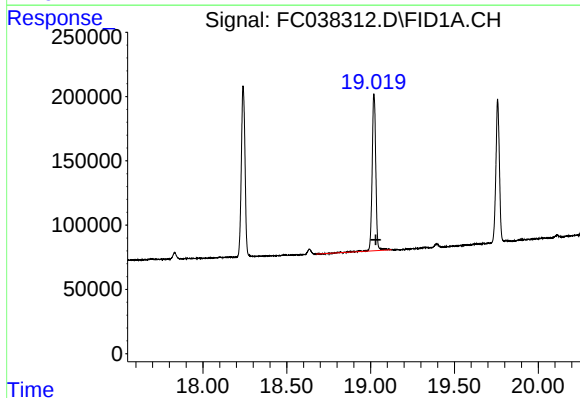
#18 n-Dotriacontane (C32)

R.T.: 18.240 min

Delta R.T.: -0.012 min

Response: 2035316

Conc: 19.87 ug/ml



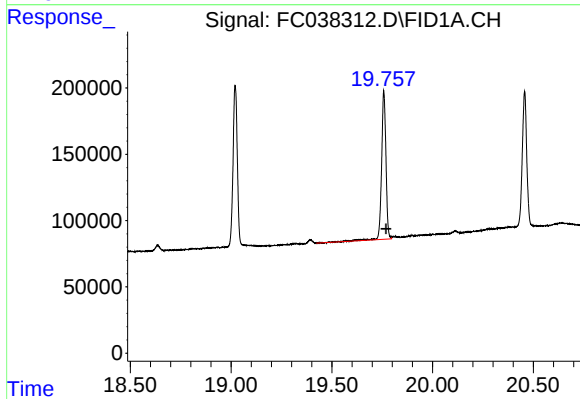
#19 n-Tetratriacontane (C34)

R.T.: 19.020 min

Delta R.T.: -0.011 min

Response: 1859554

Conc: 21.10 ug/ml



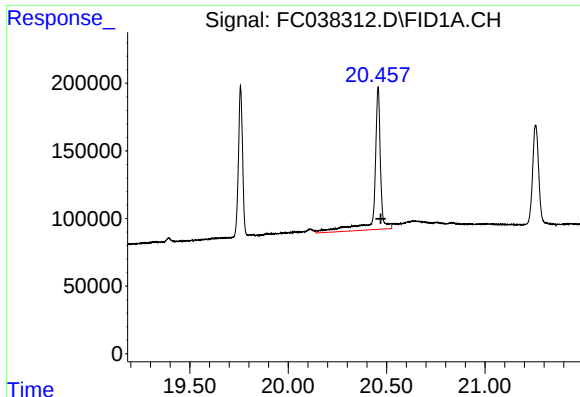
#20 n-Hexatriacontane (C36)

R.T.: 19.758 min

Delta R.T.: -0.012 min

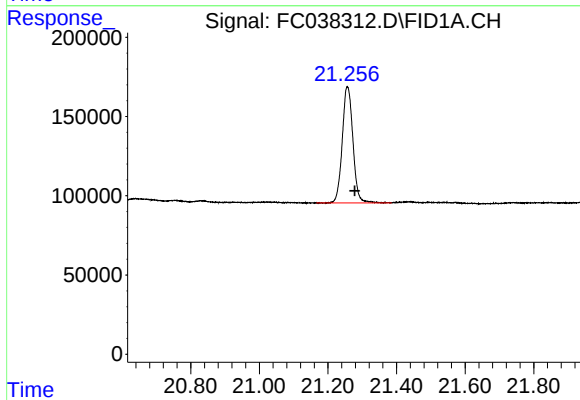
Response: 1688084

Conc: 21.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.457 min
Delta R.T.: -0.013 min
Response: 2250918
Conc: 29.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.257 min
Delta R.T.: -0.022 min
Response: 1583727
Conc: 18.12 ug/ml