

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121318AL\
 Data File : FC038192.D
 Signal(s) : FID1A.CH
 Acq On : 13 Dec 2018 11:23
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 11:47:39 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 11 15:29:14 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)	11.279	2528892	19.398 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	12.722	1925985	19.103 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.120	2201882	21.172 ug/ml
2) T n-Decane (C10)	4.176	2231275	21.304 ug/ml
3) T A~Naphthalene (C11.7)	5.736	2489693	21.195 ug/ml
4) T n-Dodecane (C12)	6.180	2263616	20.967 ug/ml
5) T A~2-methylnaphthalene...	6.784	2470135	21.022 ug/ml
6) T n-Tetradecane (C14)	7.961	2267691	20.303 ug/ml
7) T n-Hexadecane (C16)	9.551	2269519	19.673 ug/ml
8) T n-Octadecane (C18)	10.983	2260502	18.700 ug/ml
10) T n-Eicosane (C20)	12.286	2258420	18.803 ug/ml
11) T n-Heneicosane (C21)	12.894	2240314	19.307 ug/ml
13) T n-Docosane (C22)	13.477	2253901	19.502 ug/ml
14) T n-Tetracosane (C24)	14.575	2273135	19.798 ug/ml
15) T n-Hexacosane (C26)	15.590	2292399	20.379 ug/ml
16) T n-Octacosane (C28)	16.535	2364386	21.035 ug/ml
17) T n-Tricontane (C30)	17.419	2226591	20.288 ug/ml
18) T n-Dotriacontane (C32)	18.248	2387024	23.305 ug/ml
19) T n-Tetratriacontane (C34)	19.028	2042111	23.172 ug/ml
20) T n-Hexatriacontane (C36)	19.764	1724116	22.007 ug/mlm
21) T n-Octatriacontane (C38)	20.462	1846169	23.858 ug/mlm
22) T n-Tetracontane (C40)	21.268	1627244	18.622 ug/ml

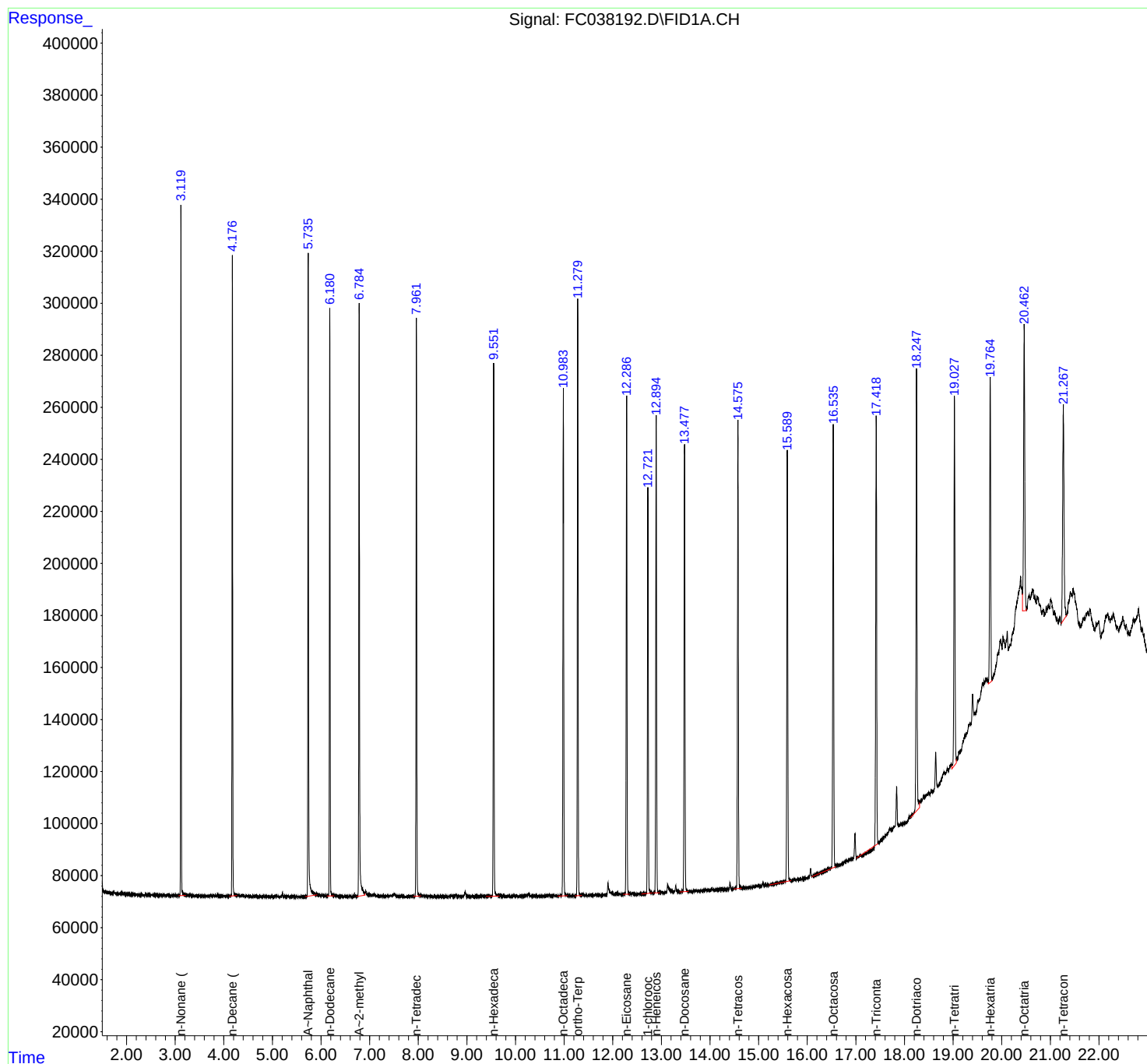
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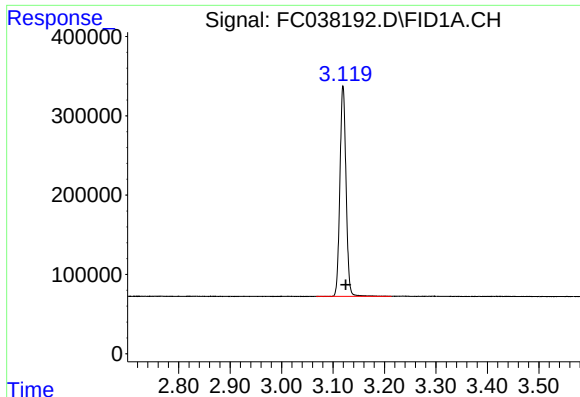
(m)=manual int.

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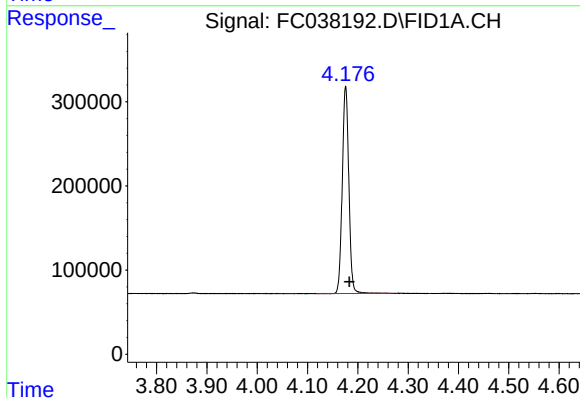
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





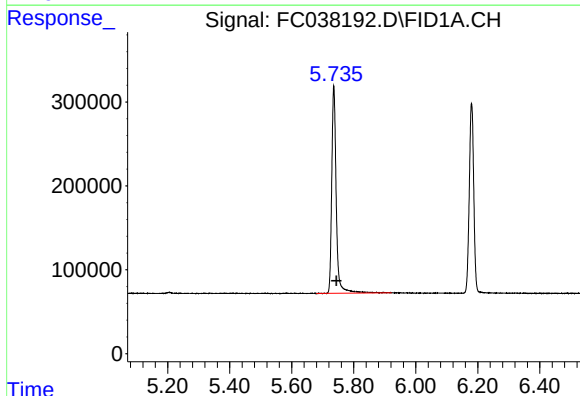
#1 n-Nonane (C9)

R.T.: 3.120 min
Delta R.T.: -0.005 min
Response: 2201882
Conc: 21.17 ug/ml



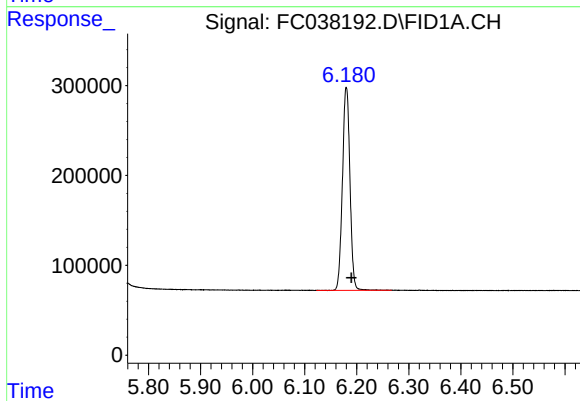
#2 n-Decane (C10)

R.T.: 4.176 min
Delta R.T.: -0.007 min
Response: 2231275
Conc: 21.30 ug/ml



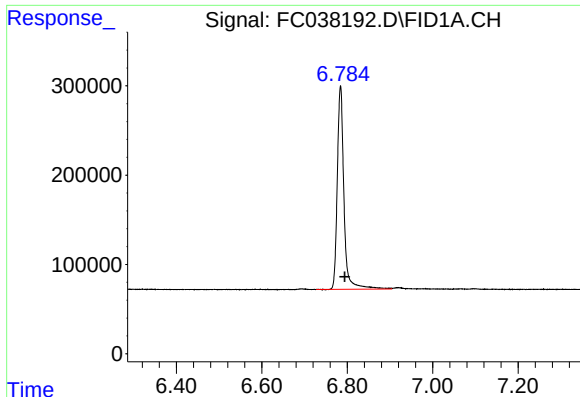
#3 A~Naphthalene (C11.7)

R.T.: 5.736 min
Delta R.T.: -0.008 min
Response: 2489693
Conc: 21.19 ug/ml



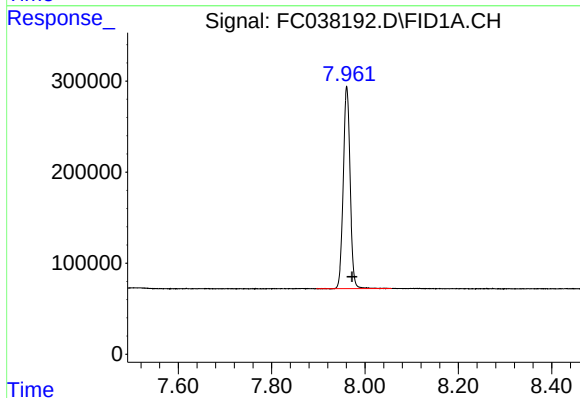
#4 n-Dodecane (C12)

R.T.: 6.180 min
Delta R.T.: -0.010 min
Response: 2263616
Conc: 20.97 ug/ml



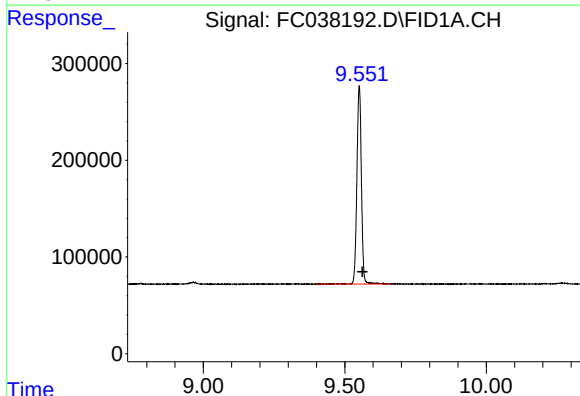
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.784 min
Delta R.T.: -0.010 min
Response: 2470135
Conc: 21.02 ug/ml



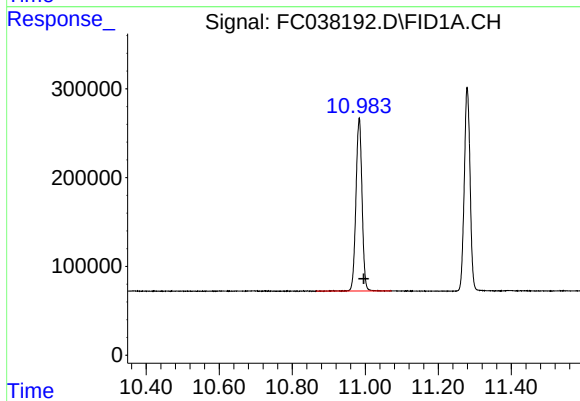
#6 n-Tetradecane (C14)

R.T.: 7.961 min
Delta R.T.: -0.011 min
Response: 2267691
Conc: 20.30 ug/ml



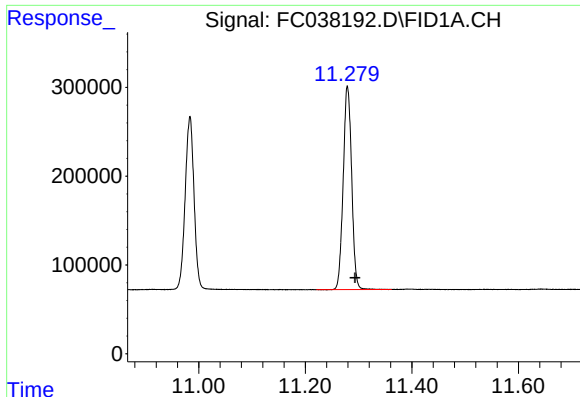
#7 n-Hexadecane (C16)

R.T.: 9.551 min
Delta R.T.: -0.012 min
Response: 2269519
Conc: 19.67 ug/ml



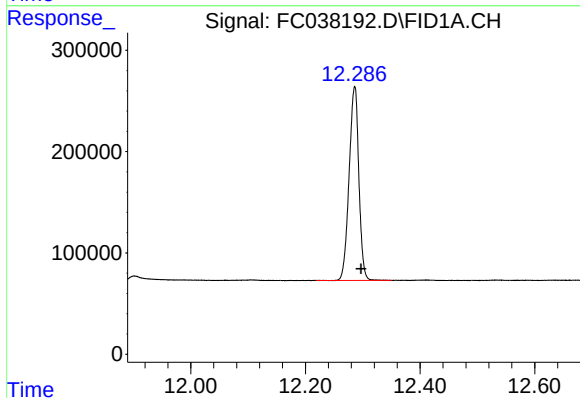
#8 n-Octadecane (C18)

R.T.: 10.983 min
Delta R.T.: -0.013 min
Response: 2260502
Conc: 18.70 ug/ml



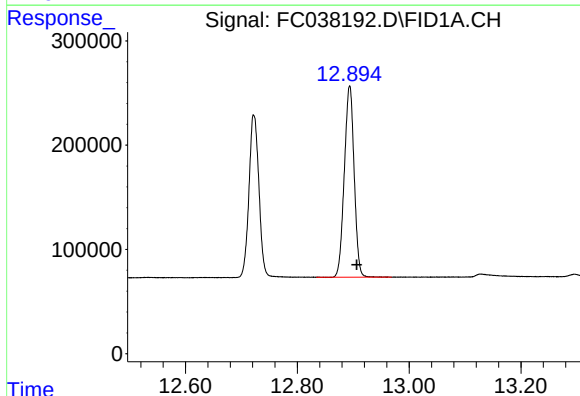
#9 ortho-Terphenyl (SURR)

R.T.: 11.279 min
Delta R.T.: -0.014 min
Response: 2528892
Conc: 19.40 ug/ml



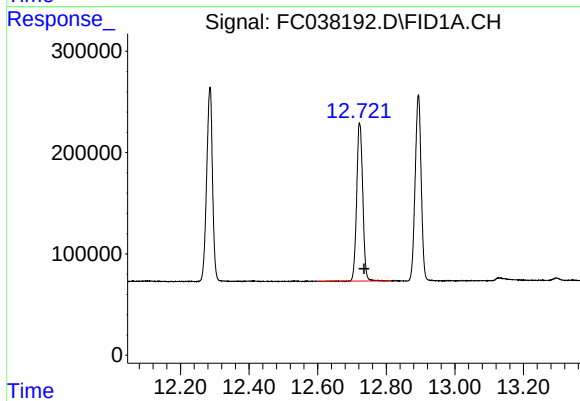
#10 n-Eicosane (C20)

R.T.: 12.286 min
Delta R.T.: -0.011 min
Response: 2258420
Conc: 18.80 ug/ml



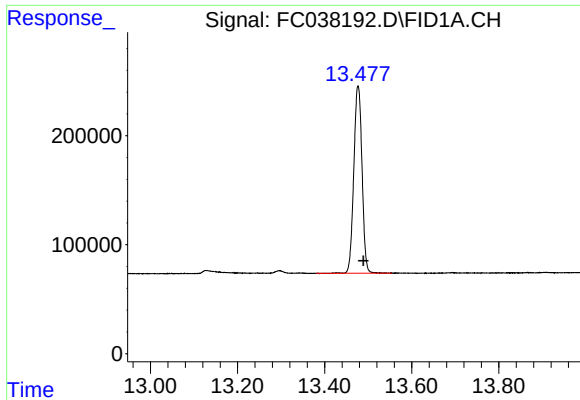
#11 n-Heneicosane (C21)

R.T.: 12.894 min
Delta R.T.: -0.012 min
Response: 2240314
Conc: 19.31 ug/ml



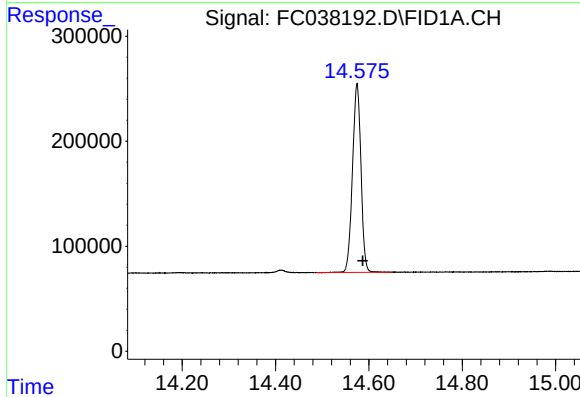
#12 1-chlorooctadecane (SURR)

R.T.: 12.722 min
Delta R.T.: -0.012 min
Response: 1925985
Conc: 19.10 ug/ml



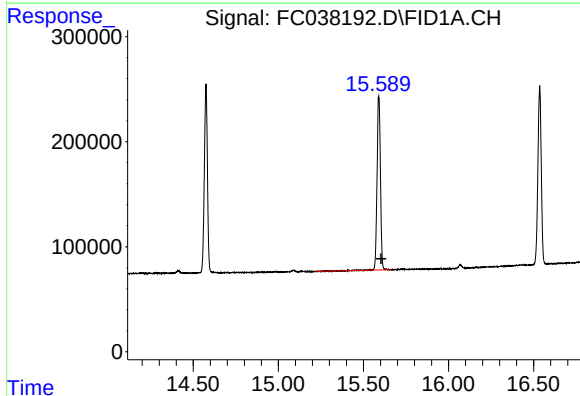
#13 n-Docosane (C22)

R.T.: 13.477 min
Delta R.T.: -0.012 min
Response: 2253901
Conc: 19.50 ug/ml



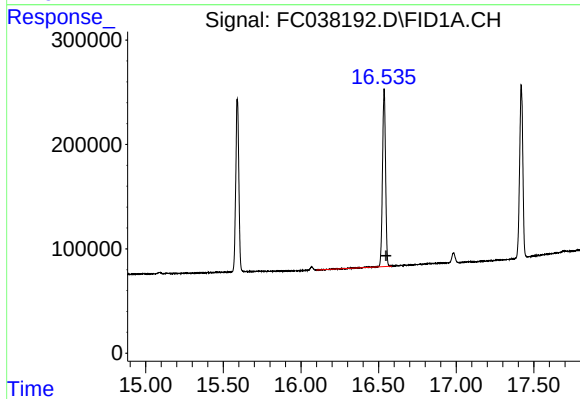
#14 n-Tetracosane (C24)

R.T.: 14.575 min
Delta R.T.: -0.012 min
Response: 2273135
Conc: 19.80 ug/ml



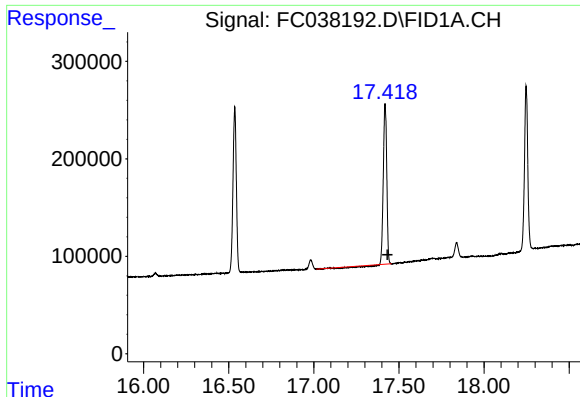
#15 n-Hexacosane (C26)

R.T.: 15.590 min
Delta R.T.: -0.013 min
Response: 2292399
Conc: 20.38 ug/ml



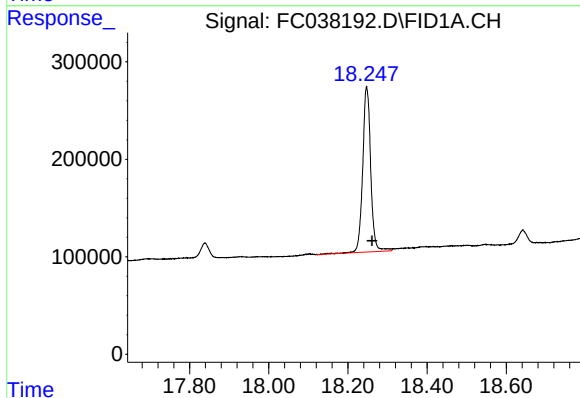
#16 n-Octacosane (C28)

R.T.: 16.535 min
Delta R.T.: -0.014 min
Response: 2364386
Conc: 21.04 ug/ml



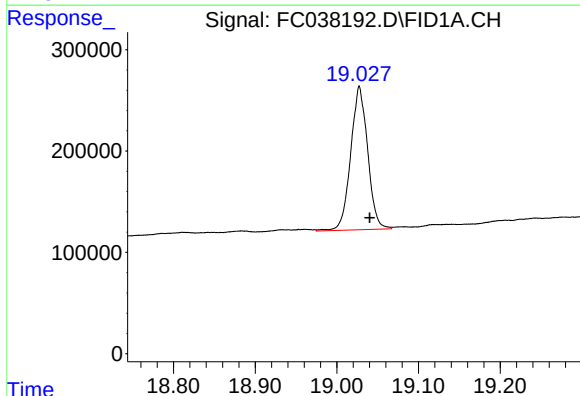
#17 n-Tricontane (C30)

R.T.: 17.419 min
Delta R.T.: -0.014 min
Response: 2226591
Conc: 20.29 ug/ml



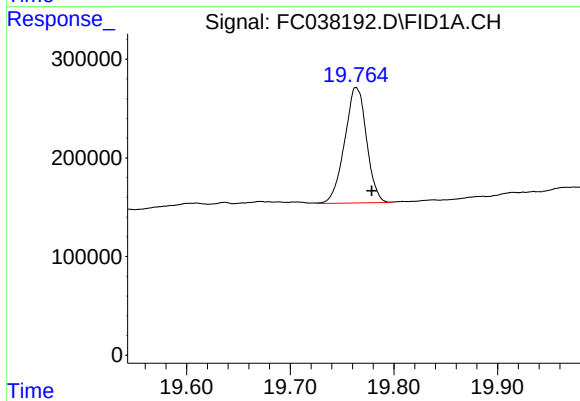
#18 n-Dotriacontane (C32)

R.T.: 18.248 min
Delta R.T.: -0.013 min
Response: 2387024
Conc: 23.31 ug/ml



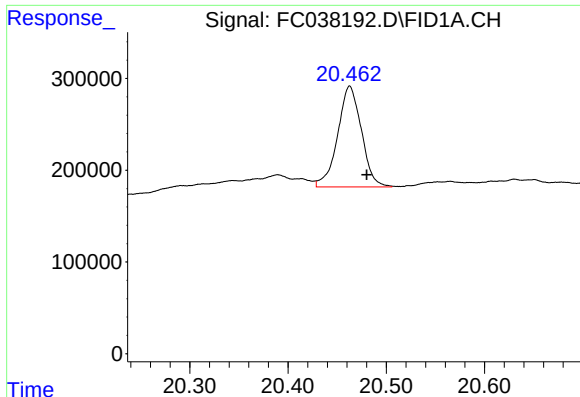
#19 n-Tetratriacontane (C34)

R.T.: 19.028 min
Delta R.T.: -0.013 min
Response: 2042111
Conc: 23.17 ug/ml



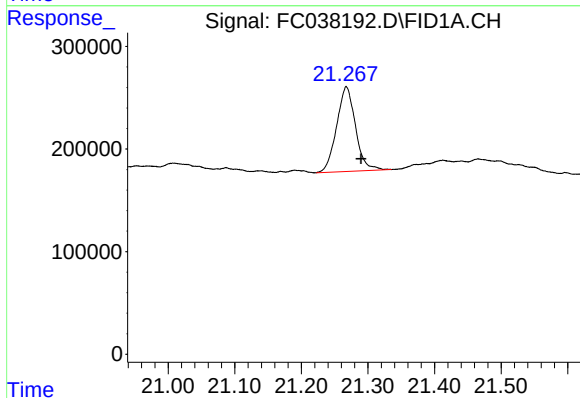
#20 n-Hexatriacontane (C36)

R.T.: 19.764 min
Delta R.T.: -0.015 min
Response: 1724116
Conc: 22.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.462 min
Delta R.T.: -0.018 min
Response: 1846169
Conc: 23.86 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.268 min
Delta R.T.: -0.022 min
Response: 1627244
Conc: 18.62 ug/ml