

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091219AL\
 Data File : FC043455.D
 Signal(s) : FID1A.CH
 Acq On : 12 Sep 2019 9:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 13 04:22:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 12 04:31:50 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)	11.600	2607801	18.214 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
12) S 1-chlorooctadecane (S...	13.022	1970412	18.036 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
Target Compounds			
1) T n-Nonane (C9)	3.441	2442800	20.510 ug/ml
2) T n-Decane (C10)	4.495	2445674	20.567 ug/ml
3) T A~Naphthalene (C11.7)	6.074	2461360	20.178 ug/ml
4) T n-Dodecane (C12)	6.489	2526832	20.654 ug/ml
5) T A~2-methylnaphthalene...	7.120	2478760	20.193 ug/ml
6) T n-Tetradecane (C14)	8.265	2507665	20.286 ug/ml
7) T n-Hexadecane (C16)	9.851	2484565	19.928 ug/ml
8) T n-Octadecane (C18)	11.280	2450424	19.265 ug/ml
10) T n-Eicosane (C20)	12.578	2387476	18.597 ug/ml
11) T n-Heneicosane (C21)	13.186	2367186	18.278 ug/ml
13) T n-Docosane (C22)	13.769	2309110	17.975 ug/ml
14) T n-Tetracosane (C24)	14.864	2237114	17.462 ug/ml
15) T n-Hexacosane (C26)	15.878	2149450	17.067 ug/ml
16) T n-Octacosane (C28)	16.822	2086103	16.990 ug/ml
17) T n-Tricontane (C30)	17.705	2065848	17.129 ug/ml
18) T n-Dotriacontane (C32)	18.532	2003957	17.568 ug/ml
19) T n-Tetratriacontane (C34)	19.311	1975160	18.358 ug/ml
20) T n-Hexatriacontane (C36)	20.047	1921044	18.246 ug/ml
21) T n-Octatriacontane (C38)	20.773	1862054	19.902 ug/ml
22) T n-Tetracontane (C40)	21.665	1949641	20.179 ug/ml

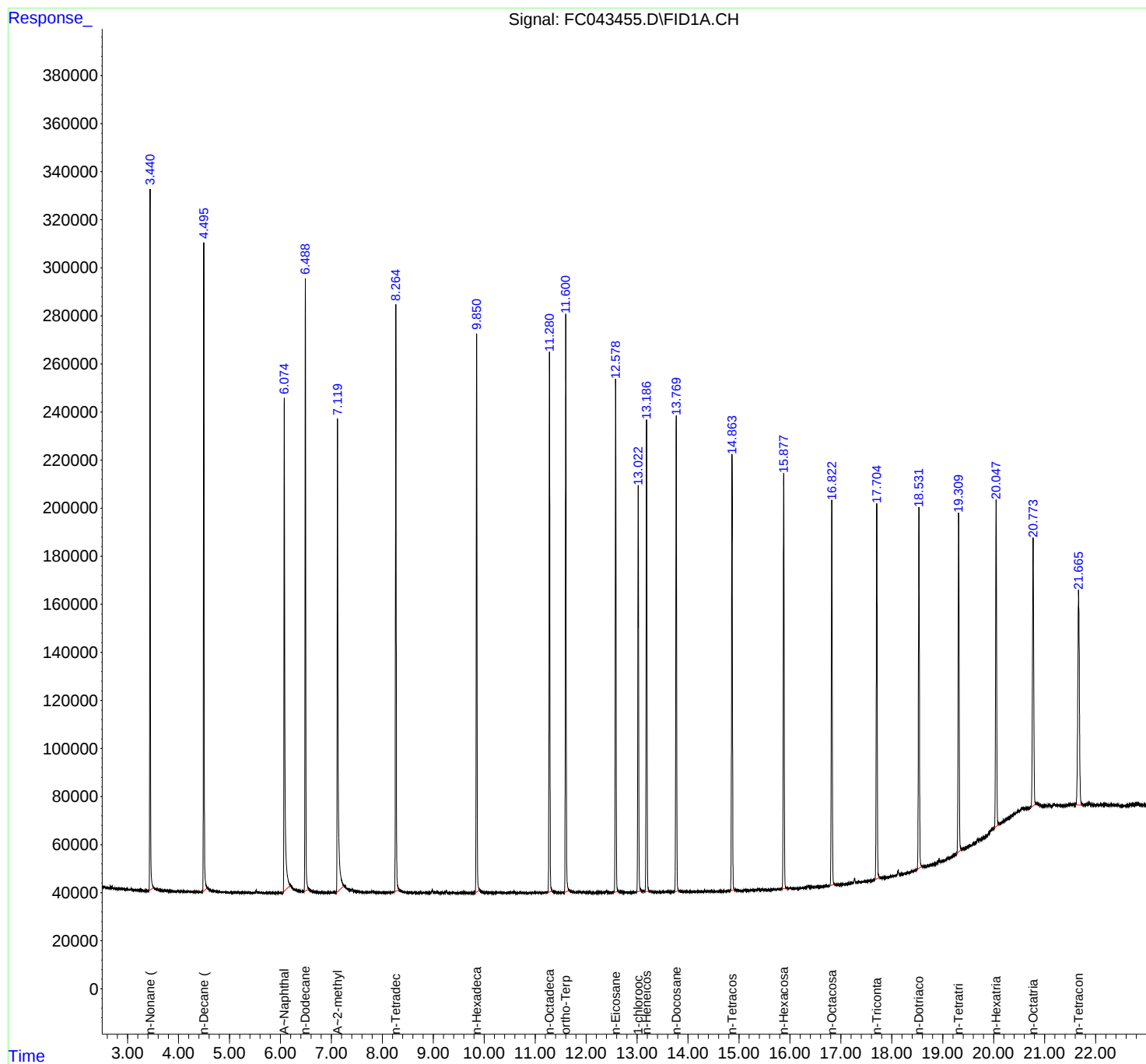
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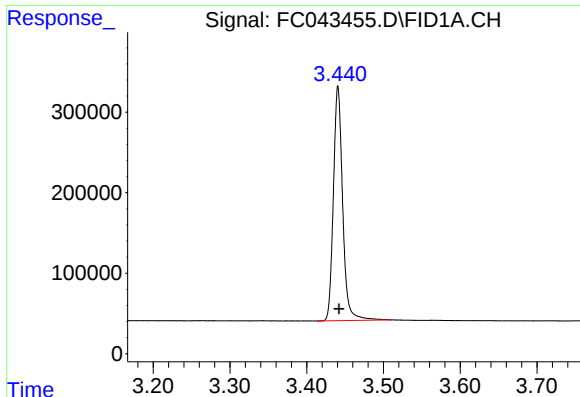
(m)=manual int.

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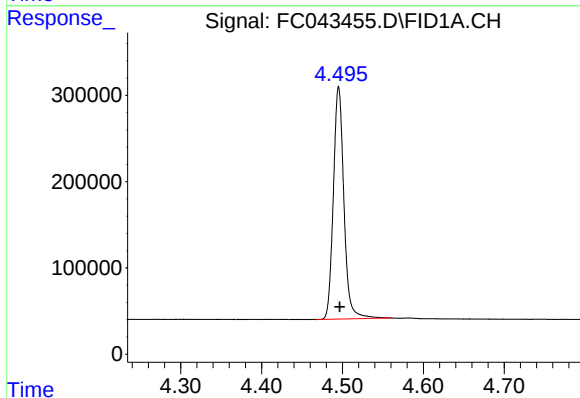
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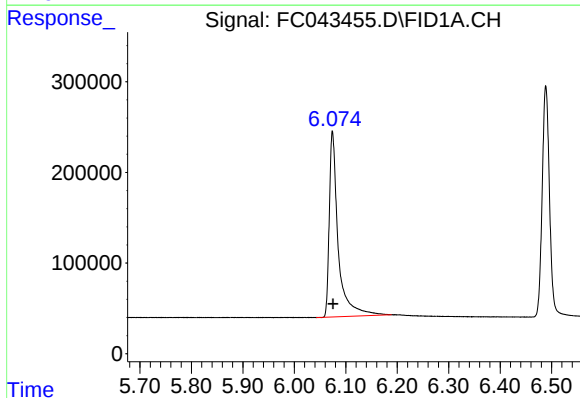
#1 n-Nonane (C9)

R.T.: 3.441 min
Delta R.T.: -0.001 min
Response: 2442800
Conc: 20.51 ug/ml



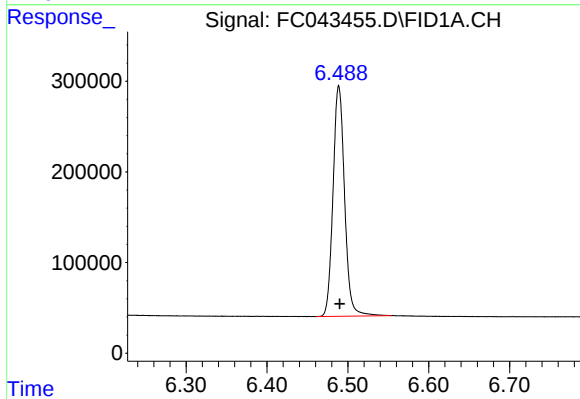
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.001 min
Response: 2445674
Conc: 20.57 ug/ml



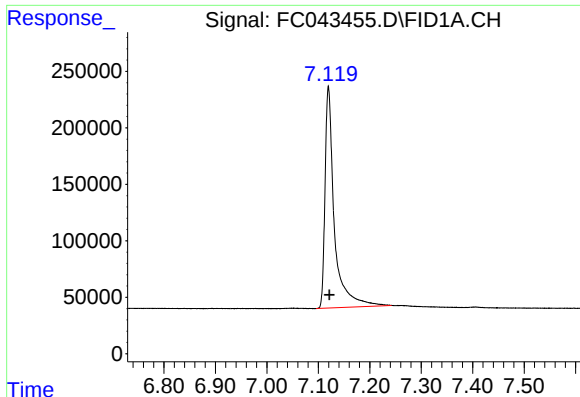
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 2461360
Conc: 20.18 ug/ml



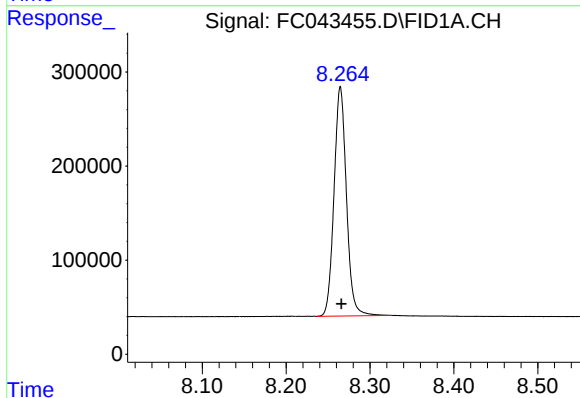
#4 n-Dodecane (C12)

R.T.: 6.489 min
Delta R.T.: -0.001 min
Response: 2526832
Conc: 20.65 ug/ml



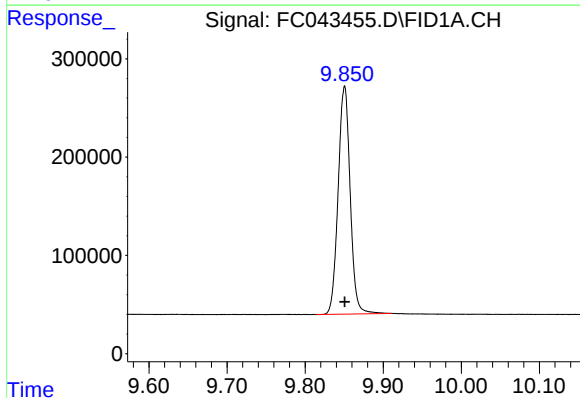
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.001 min
Response: 2478760
Conc: 20.19 ug/ml



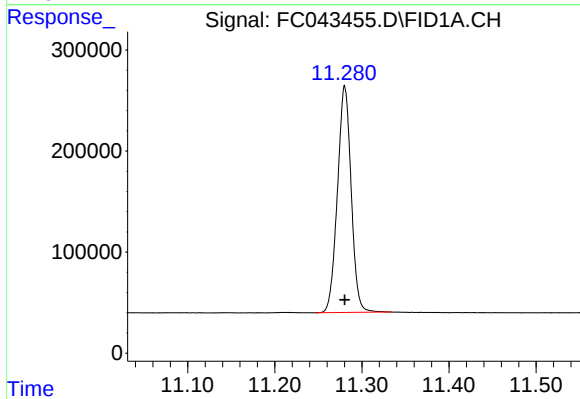
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: -0.001 min
Response: 2507665
Conc: 20.29 ug/ml



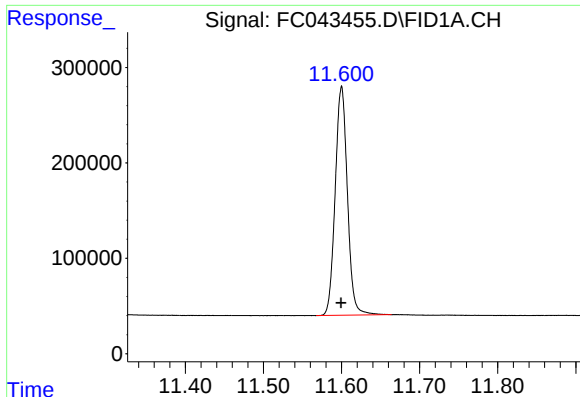
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: 0.000 min
Response: 2484565
Conc: 19.93 ug/ml



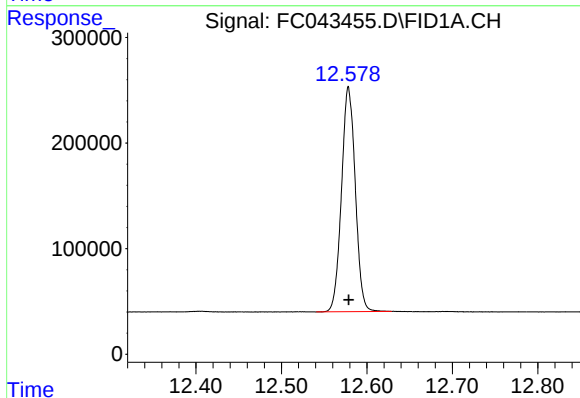
#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.000 min
Response: 2450424
Conc: 19.26 ug/ml



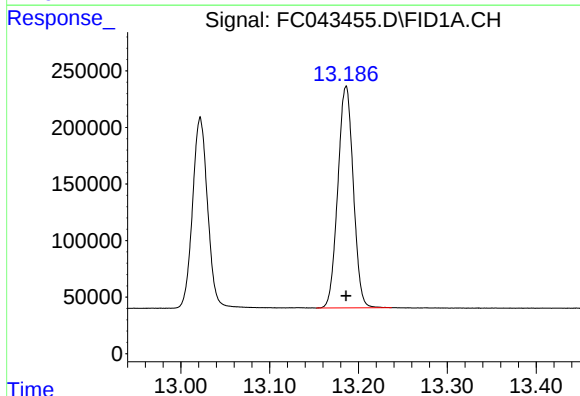
#9 ortho-Terphenyl (SURR)

R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 2607801
Conc: 18.21 ug/ml



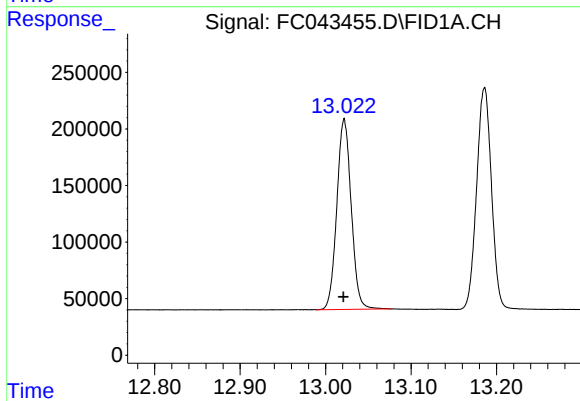
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: 0.000 min
Response: 2387476
Conc: 18.60 ug/ml



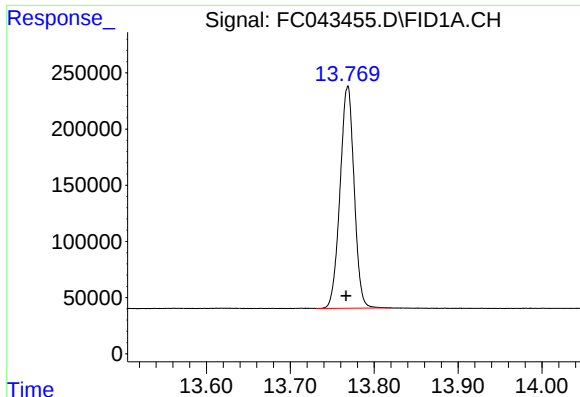
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: 0.000 min
Response: 2367186
Conc: 18.28 ug/ml



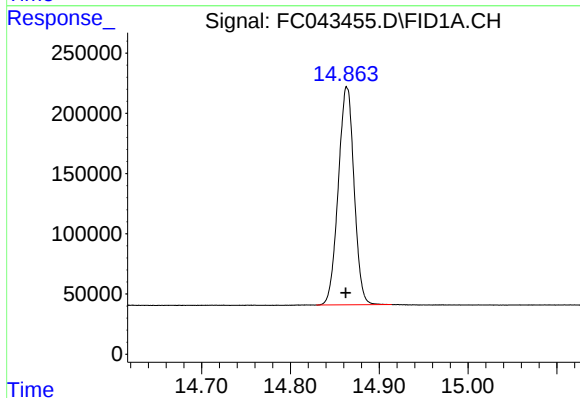
#12 1-chlorooctadecane (SURR)

R.T.: 13.022 min
Delta R.T.: 0.001 min
Response: 1970412
Conc: 18.04 ug/ml



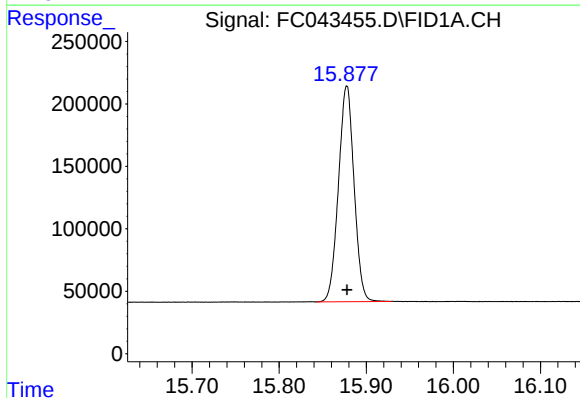
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: 0.002 min
Response: 2309110
Conc: 17.98 ug/ml



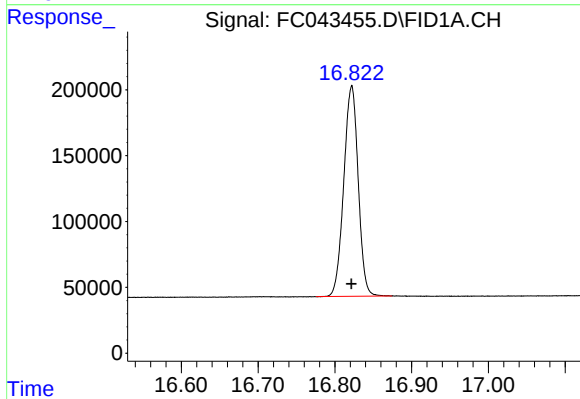
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: 0.001 min
Response: 2237114
Conc: 17.46 ug/ml



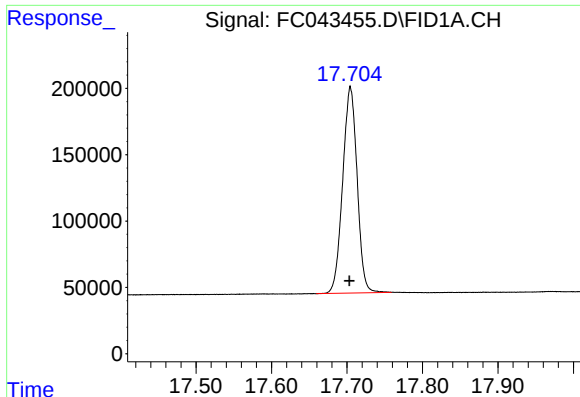
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: 0.000 min
Response: 2149450
Conc: 17.07 ug/ml



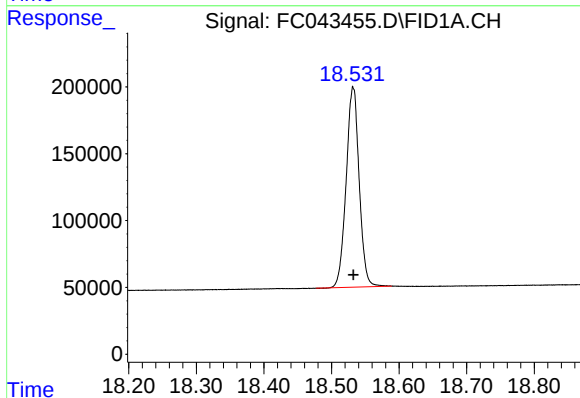
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: 0.000 min
Response: 2086103
Conc: 16.99 ug/ml



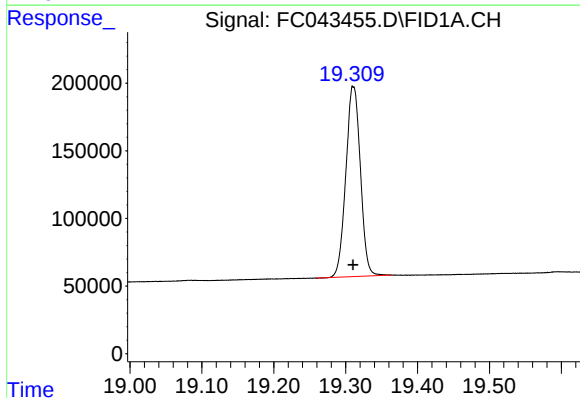
#17 n-Tricontane (C30)

R.T.: 17.705 min
Delta R.T.: 0.001 min
Response: 2065848
Conc: 17.13 ug/ml



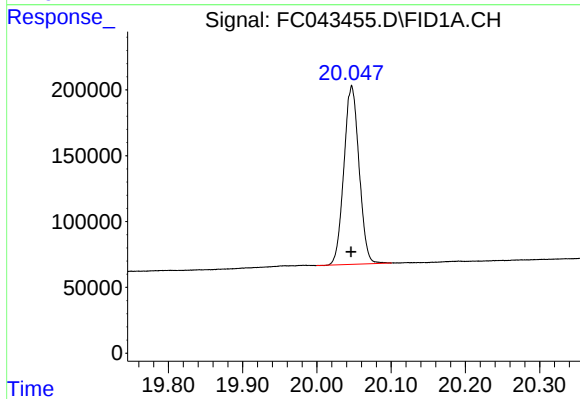
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: 0.000 min
Response: 2003957
Conc: 17.57 ug/ml



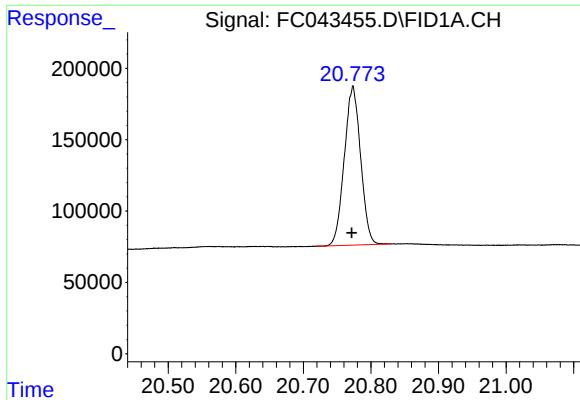
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min
Delta R.T.: 0.000 min
Response: 1975160
Conc: 18.36 ug/ml



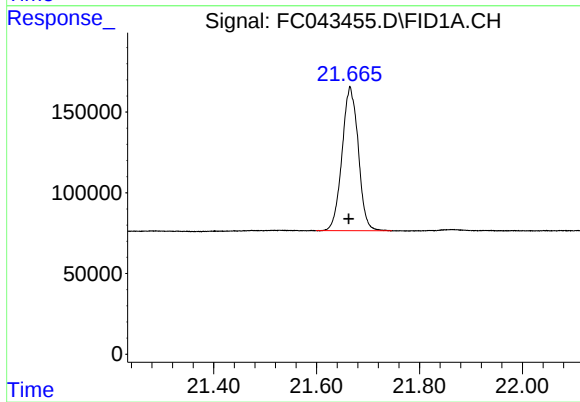
#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: 0.000 min
Response: 1921044
Conc: 18.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: 0.002 min
Response: 1862054
Conc: 19.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.665 min
Delta R.T.: 0.003 min
Response: 1949641
Conc: 20.18 ug/ml