

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091219AL\
 Data File : FC043476.D
 Signal(s) : FID1A.CH
 Acq On : 13 Sep 2019 1:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 13 04:19:12 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)	11.596	2425425	16.940 ug/ml
Spiked Amount 50.000		Recovery =	33.88%
12) S 1-chlorooctadecane (S...	13.017	1829522	16.746 ug/ml
Spiked Amount 50.000		Recovery =	33.49%
Target Compounds			
1) T n-Nonane (C9)	3.441	2302697	19.334 ug/ml
2) T n-Decane (C10)	4.494	2307506	19.405 ug/ml
3) T A~Naphthalene (C11.7)	6.073	2300936	18.863 ug/ml
4) T n-Dodecane (C12)	6.488	2375376	19.416 ug/ml
5) T A~2-methylnaphthalene...	7.119	2303847	18.768 ug/ml
6) T n-Tetradecane (C14)	8.263	2356657	19.064 ug/ml
7) T n-Hexadecane (C16)	9.847	2322643	18.630 ug/ml
8) T n-Octadecane (C18)	11.276	2283133	17.950 ug/ml
10) T n-Eicosane (C20)	12.574	2224535	17.328 ug/ml
11) T n-Heneicosane (C21)	13.181	2198884	16.979 ug/ml
13) T n-Docosane (C22)	13.763	2146959	16.713 ug/ml
14) T n-Tetracosane (C24)	14.858	2081456	16.247 ug/ml
15) T n-Hexacosane (C26)	15.872	2015857	16.006 ug/ml
16) T n-Octacosane (C28)	16.816	1978328	16.112 ug/ml
17) T n-Tricontane (C30)	17.698	1975890	16.383 ug/ml
18) T n-Dotriacontane (C32)	18.526	1932286	16.940 ug/ml
19) T n-Tetratriacontane (C34)	19.306	1900707	17.666 ug/ml
20) T n-Hexatriacontane (C36)	20.043	1836722	17.445 ug/ml
21) T n-Octatriacontane (C38)	20.766	1782731	19.055 ug/ml
22) T n-Tetracontane (C40)	21.654	1829610	18.937 ug/ml

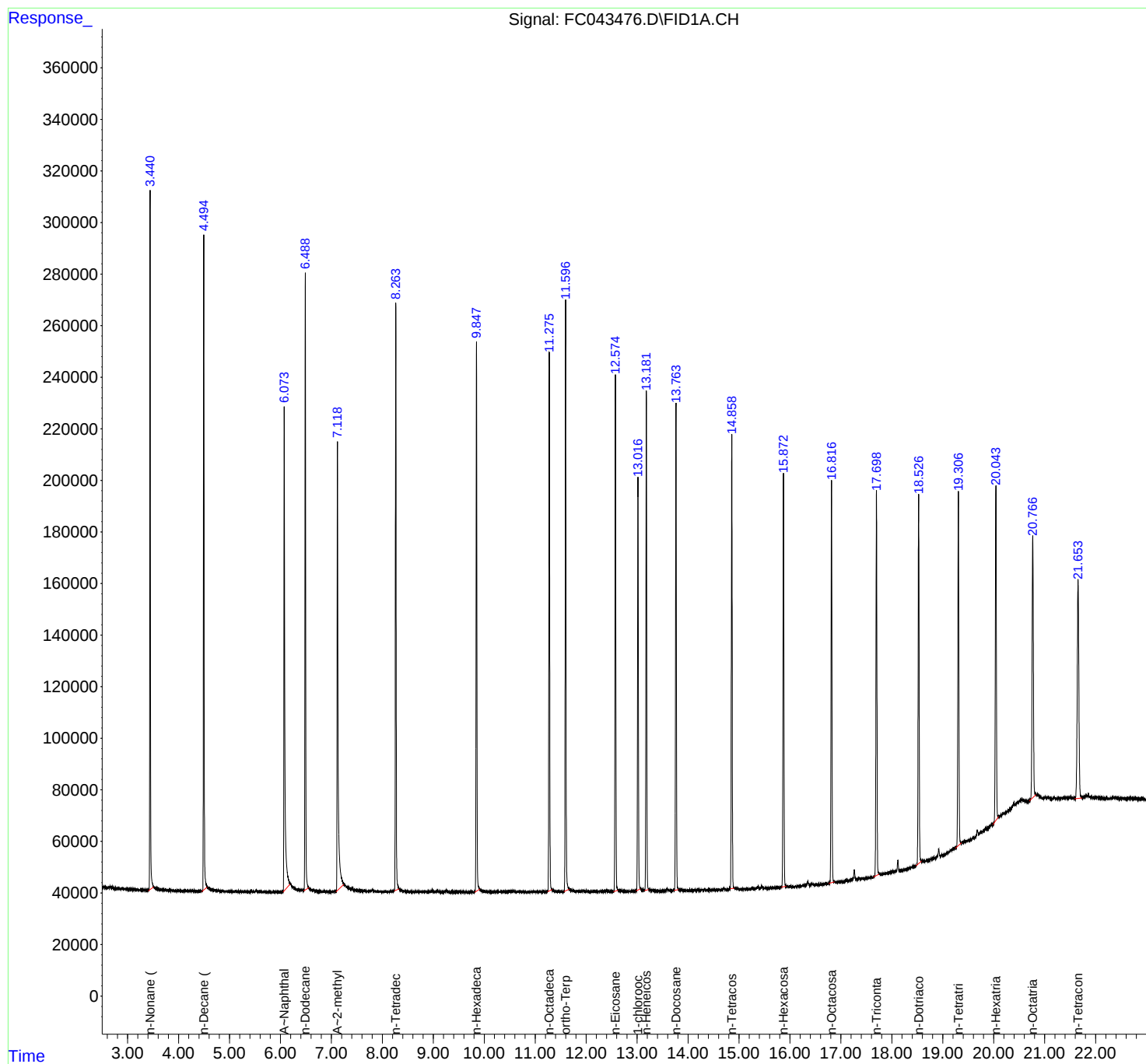
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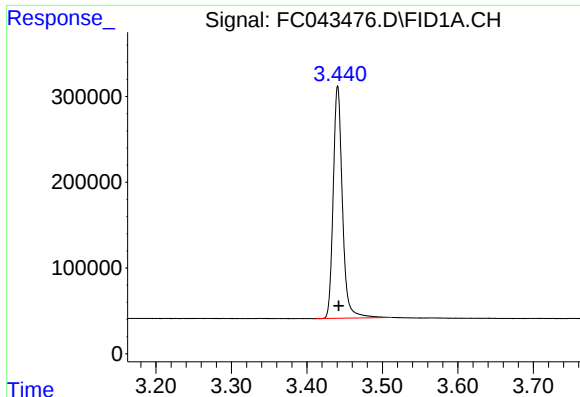
(m)=manual int.

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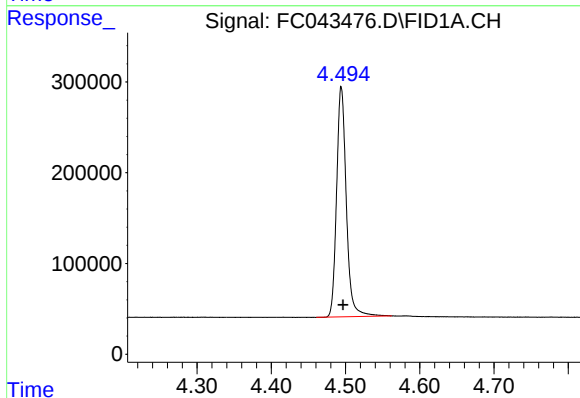
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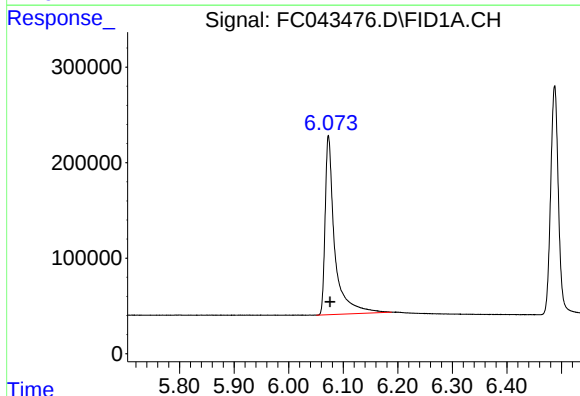
#1 n-Nonane (C9)

R.T.: 3.441 min
Delta R.T.: -0.001 min
Response: 2302697
Conc: 19.33 ug/ml



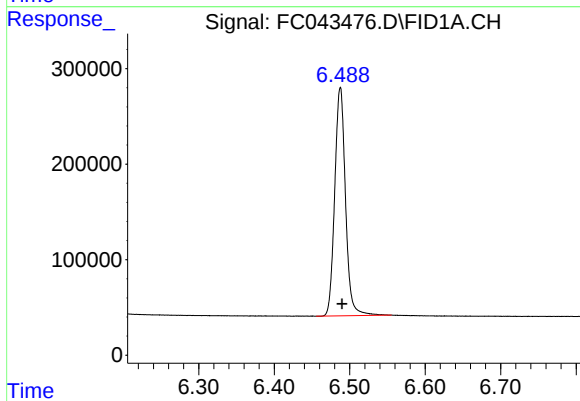
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.002 min
Response: 2307506
Conc: 19.41 ug/ml



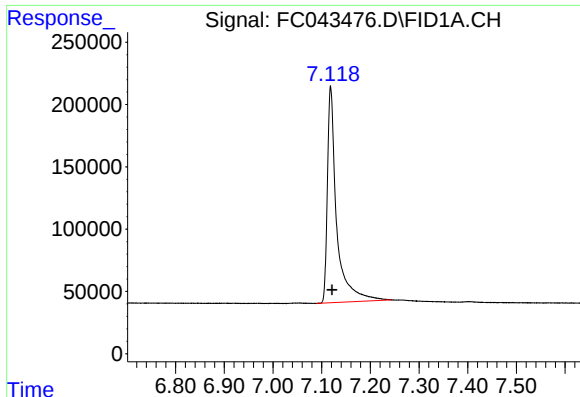
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 2300936
Conc: 18.86 ug/ml



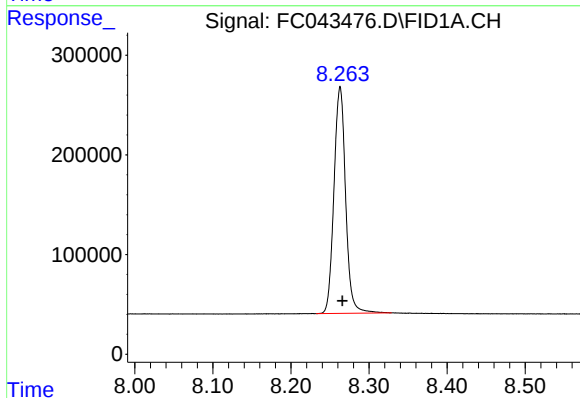
#4 n-Dodecane (C12)

R.T.: 6.488 min
Delta R.T.: -0.002 min
Response: 2375376
Conc: 19.42 ug/ml



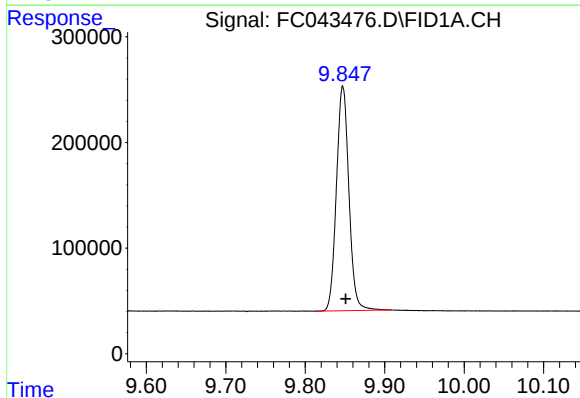
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: -0.003 min
Response: 2303847
Conc: 18.77 ug/ml



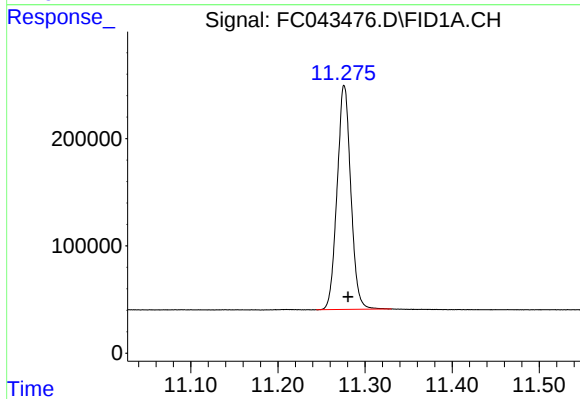
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: -0.003 min
Response: 2356657
Conc: 19.06 ug/ml



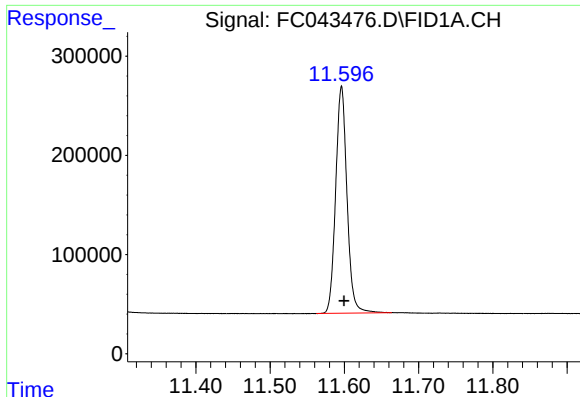
#7 n-Hexadecane (C16)

R.T.: 9.847 min
Delta R.T.: -0.003 min
Response: 2322643
Conc: 18.63 ug/ml



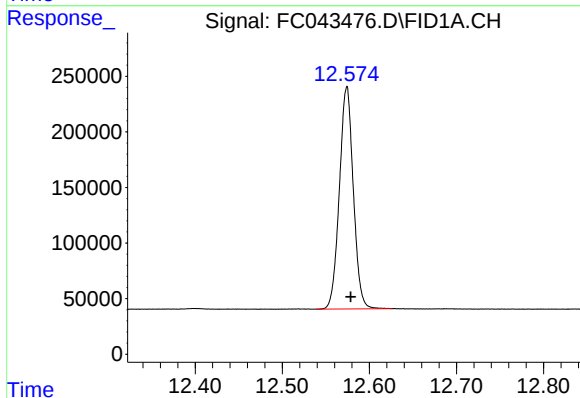
#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.004 min
Response: 2283133
Conc: 17.95 ug/ml



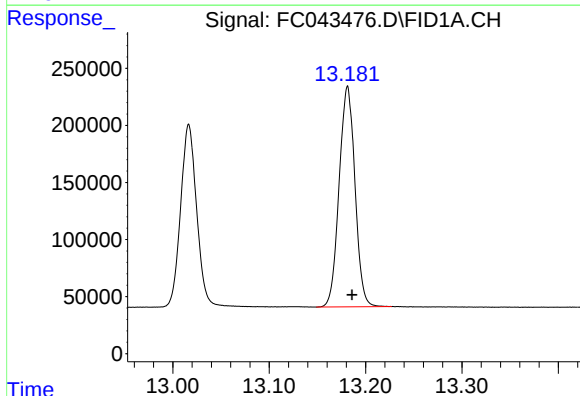
#9 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: -0.003 min
Response: 2425425
Conc: 16.94 ug/ml



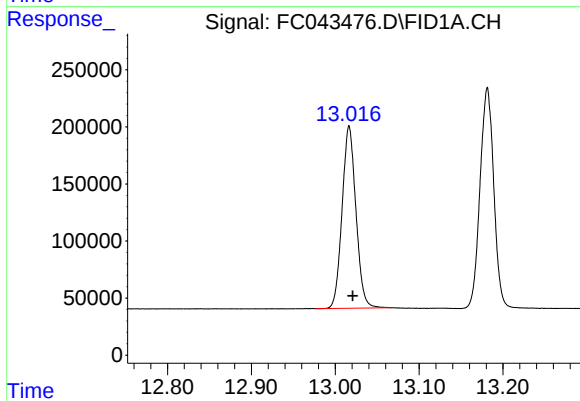
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.005 min
Response: 2224535
Conc: 17.33 ug/ml



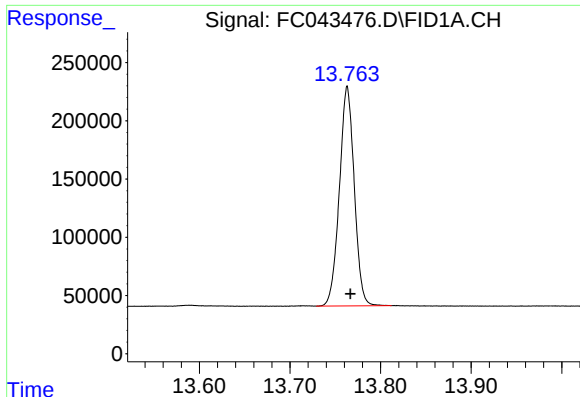
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: -0.005 min
Response: 2198884
Conc: 16.98 ug/ml



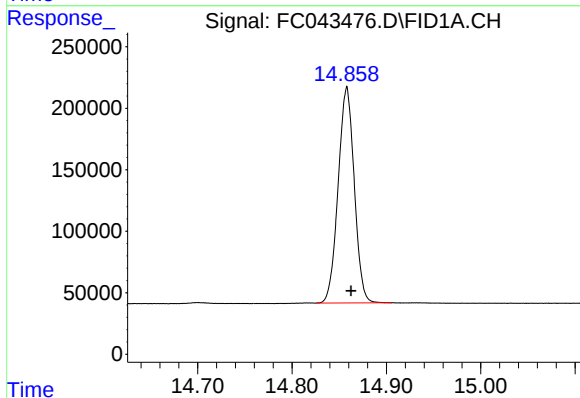
#12 1-chlorooctadecane (SURR)

R.T.: 13.017 min
Delta R.T.: -0.004 min
Response: 1829522
Conc: 16.75 ug/ml



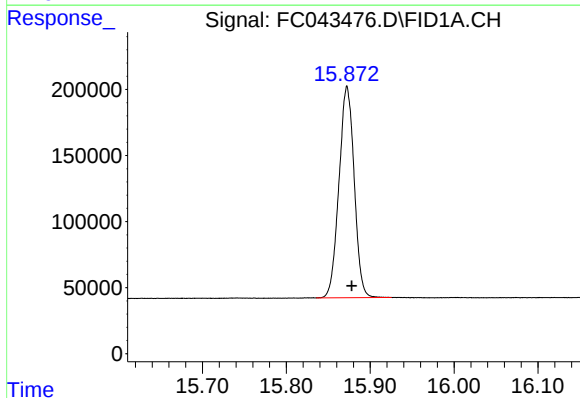
#13 n-Docosane (C22)

R.T.: 13.763 min
Delta R.T.: -0.004 min
Response: 2146959
Conc: 16.71 ug/ml



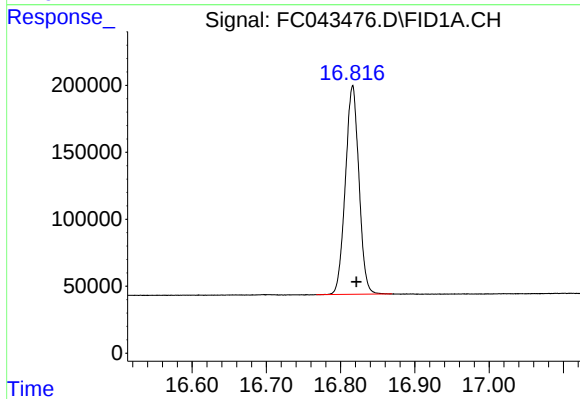
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.004 min
Response: 2081456
Conc: 16.25 ug/ml



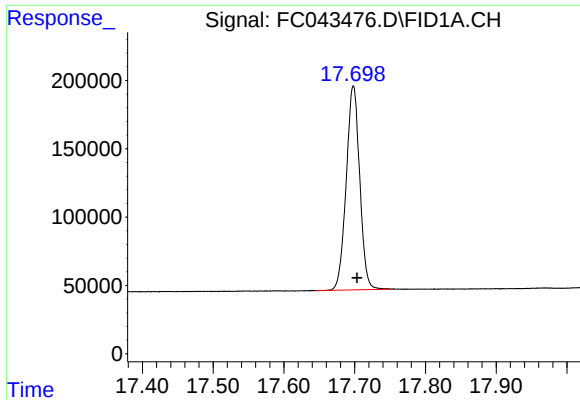
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.006 min
Response: 2015857
Conc: 16.01 ug/ml



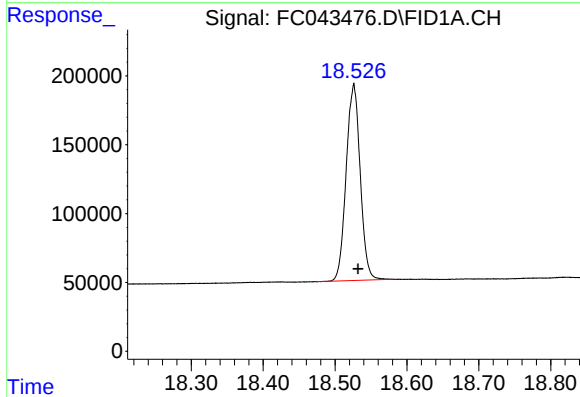
#16 n-Octacosane (C28)

R.T.: 16.816 min
Delta R.T.: -0.005 min
Response: 1978328
Conc: 16.11 ug/ml



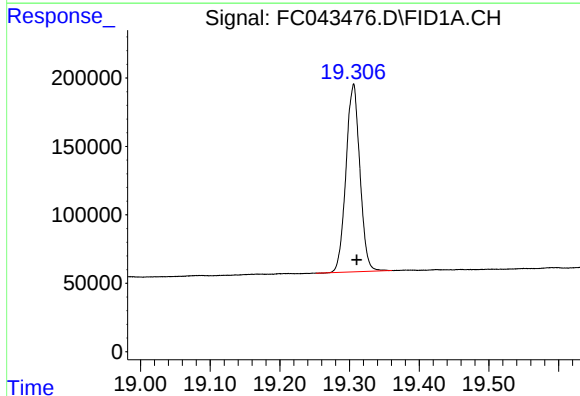
#17 n-Tricontane (C30)

R.T.: 17.698 min
Delta R.T.: -0.005 min
Response: 1975890
Conc: 16.38 ug/ml



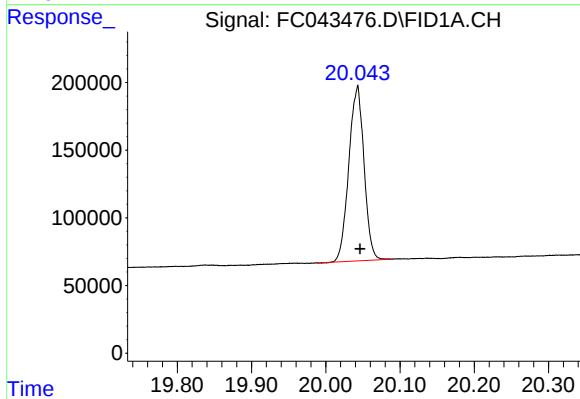
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: -0.006 min
Response: 1932286
Conc: 16.94 ug/ml



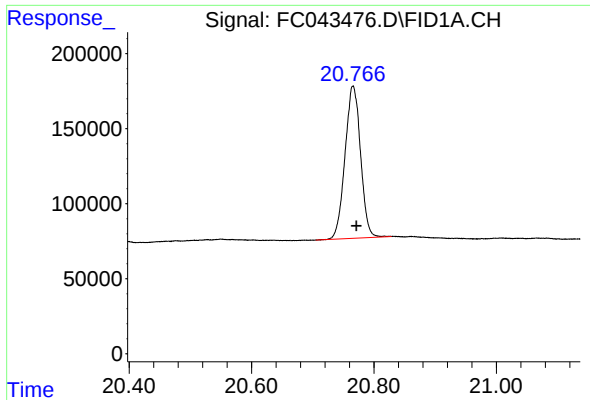
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.005 min
Response: 1900707
Conc: 17.67 ug/ml



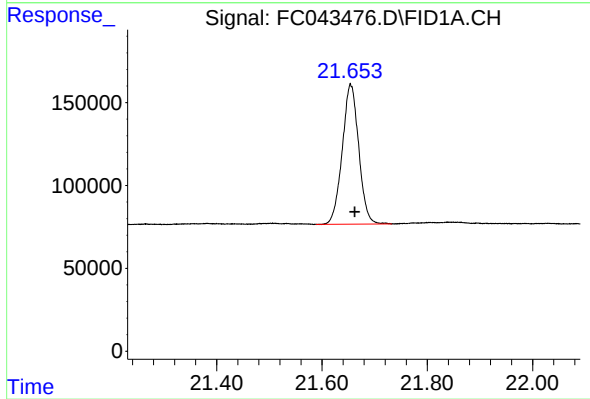
#20 n-Hexatriacontane (C36)

R.T.: 20.043 min
Delta R.T.: -0.003 min
Response: 1836722
Conc: 17.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: -0.006 min
Response: 1782731
Conc: 19.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.654 min
Delta R.T.: -0.008 min
Response: 1829610
Conc: 18.94 ug/ml