

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092319AL\
 Data File : FC043592.D
 Signal(s) : FID1A.CH
 Acq On : 23 Sep 2019 12:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 01:26:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 091619.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 16 12:41:51 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)	11.589	2758829	19.327 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	13.011	2065593	18.654 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
Target Compounds			
1) T n-Nonane (C9)	3.436	2405500	20.615 ug/ml
2) T n-Decane (C10)	4.489	2426042	20.826 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2383749	20.378 ug/ml
4) T n-Dodecane (C12)	6.481	2535284	20.797 ug/ml
5) T A~2-methylnaphthalene...	7.112	2406536	20.355 ug/ml
6) T n-Tetradecane (C14)	8.256	2538139	20.562 ug/ml
7) T n-Hexadecane (C16)	9.840	2553270	20.360 ug/ml
8) T n-Octadecane (C18)	11.269	2567975	19.917 ug/ml
10) T n-Eicosane (C20)	12.567	2538576	19.387 ug/ml
11) T n-Heneicosane (C21)	13.175	2537934	19.158 ug/ml
13) T n-Docosane (C22)	13.756	2493574	19.000 ug/ml
14) T n-Tetracosane (C24)	14.851	2435084	18.541 ug/ml
15) T n-Hexacosane (C26)	15.865	2346888	18.209 ug/ml
16) T n-Octacosane (C28)	16.809	2252051	17.895 ug/ml
17) T n-Tricontane (C30)	17.691	2174495	17.711 ug/ml
18) T n-Dotriacontane (C32)	18.519	2047439	17.767 ug/ml
19) T n-Tetratriacontane (C34)	19.298	1969686	18.325 ug/ml
20) T n-Hexatriacontane (C36)	20.034	1868456	18.963 ug/ml
21) T n-Octatriacontane (C38)	20.759	1741990	18.933 ug/ml
22) T n-Tetracontane (C40)	21.645	1703844	18.169 ug/ml

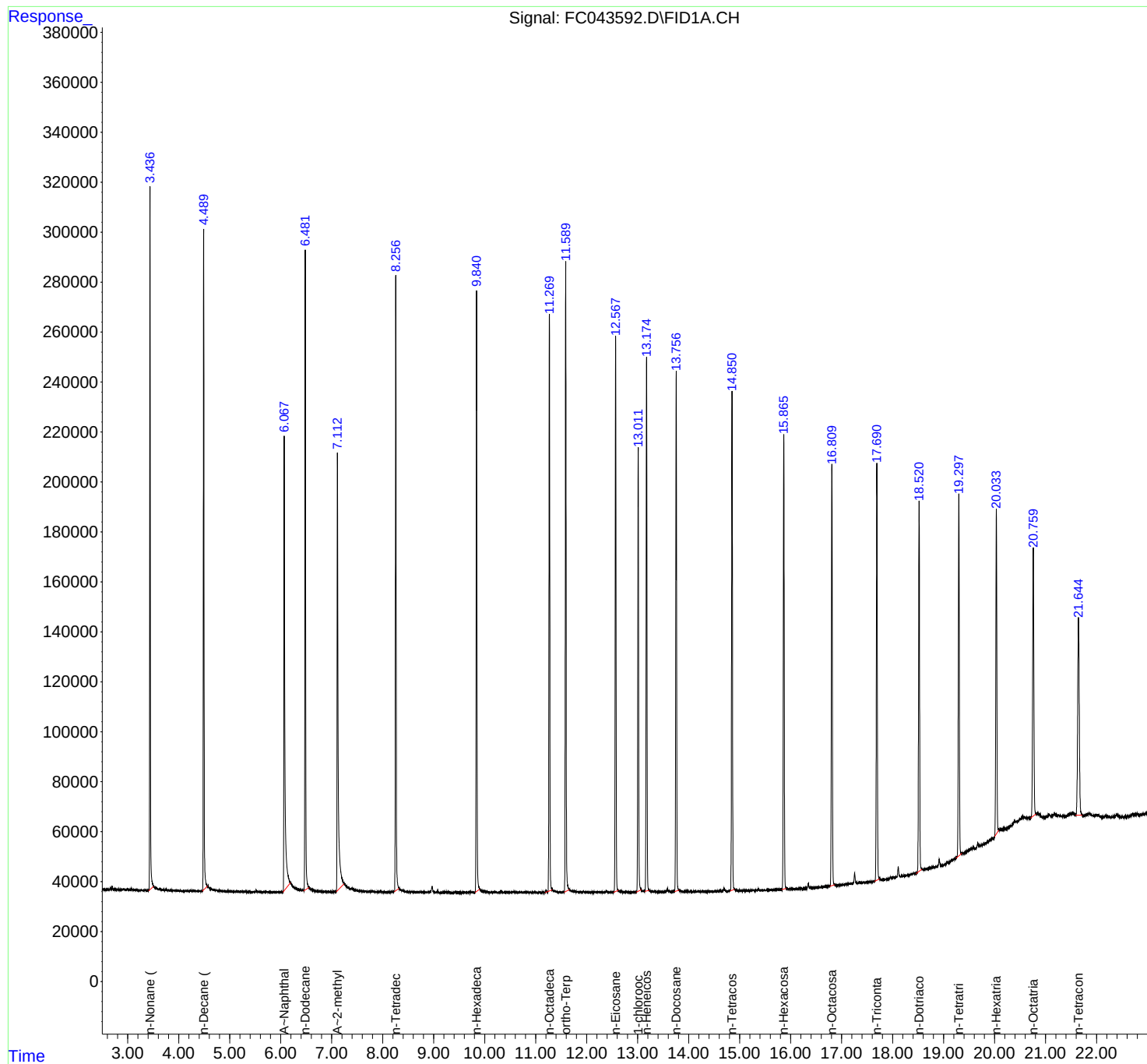
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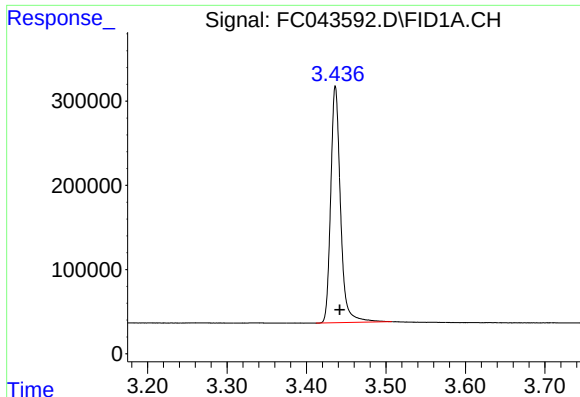
(m)=manual int.

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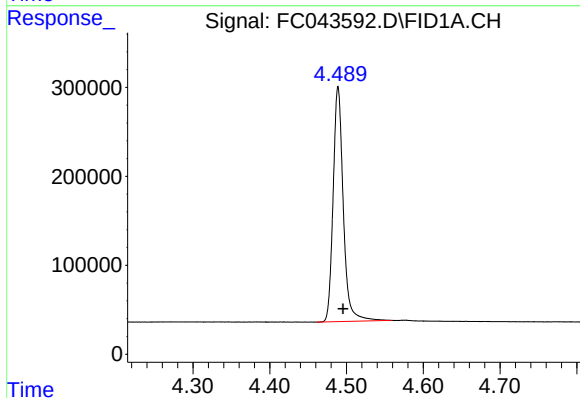
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





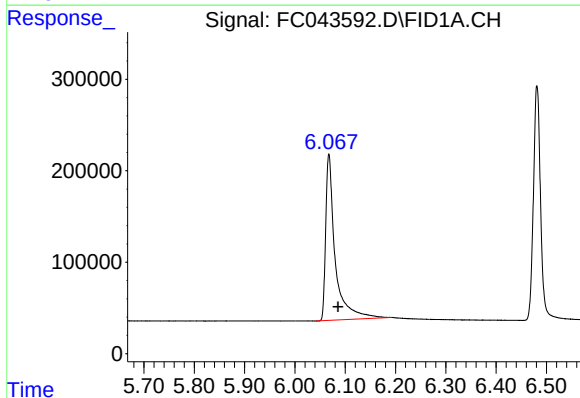
#1 n-Nonane (C9)

R.T.: 3.436 min
Delta R.T.: -0.006 min
Response: 2405500
Conc: 20.62 ug/ml



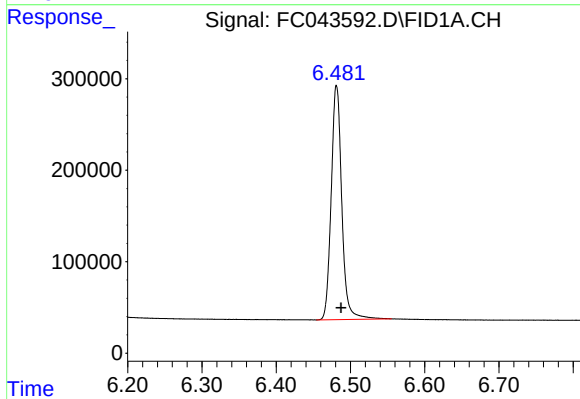
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.006 min
Response: 2426042
Conc: 20.83 ug/ml



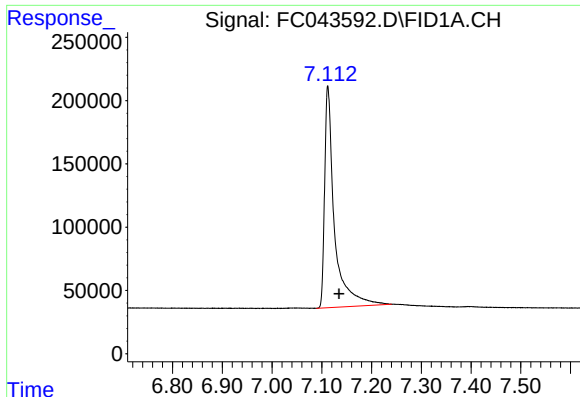
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.018 min
Response: 2383749
Conc: 20.38 ug/ml



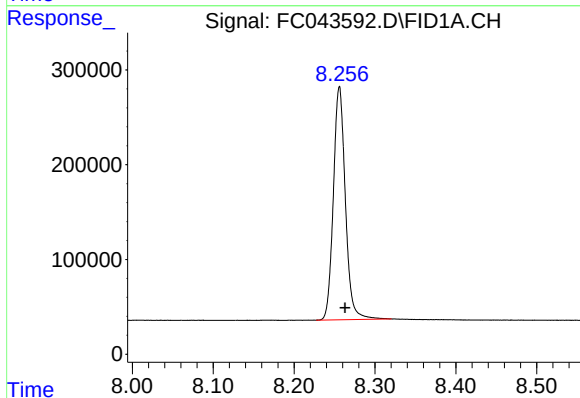
#4 n-Dodecane (C12)

R.T.: 6.481 min
Delta R.T.: -0.006 min
Response: 2535284
Conc: 20.80 ug/ml



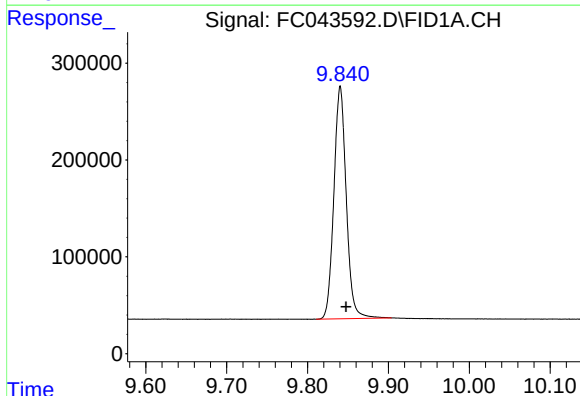
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.112 min
Delta R.T.: -0.022 min
Response: 2406536
Conc: 20.35 ug/ml



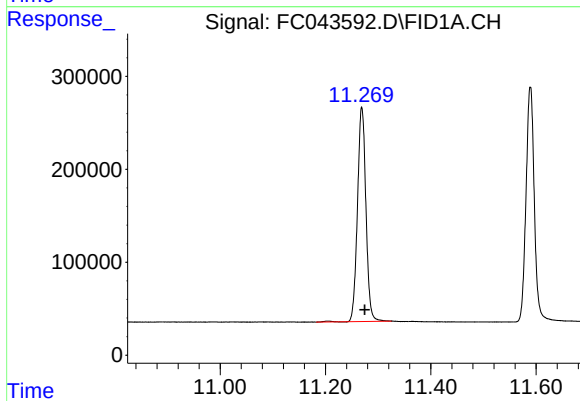
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: -0.007 min
Response: 2538139
Conc: 20.56 ug/ml



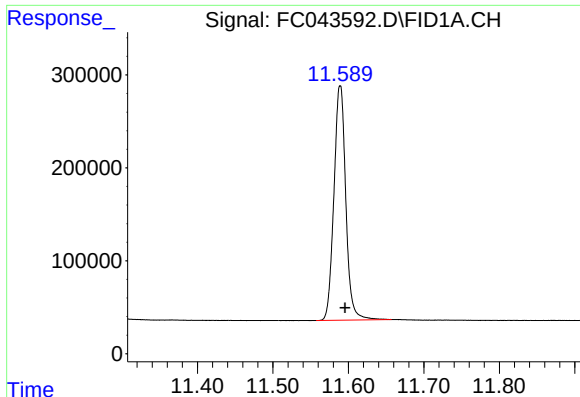
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: -0.007 min
Response: 2553270
Conc: 20.36 ug/ml



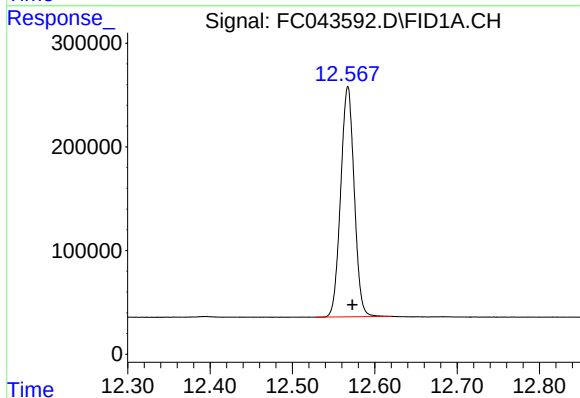
#8 n-Octadecane (C18)

R.T.: 11.269 min
Delta R.T.: -0.006 min
Response: 2567975
Conc: 19.92 ug/ml



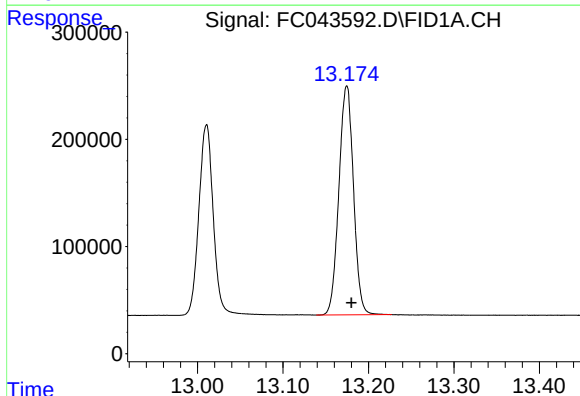
#9 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: -0.006 min
Response: 2758829
Conc: 19.33 ug/ml



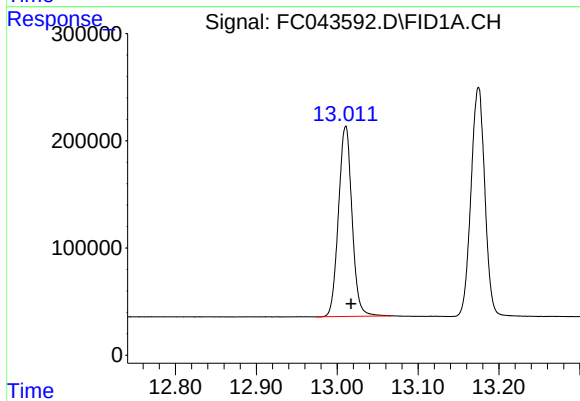
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.005 min
Response: 2538576
Conc: 19.39 ug/ml



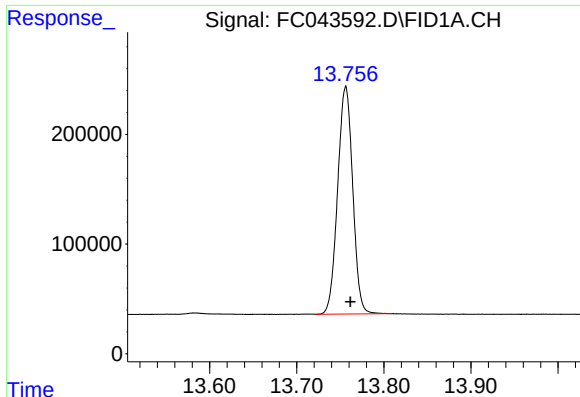
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: -0.005 min
Response: 2537934
Conc: 19.16 ug/ml



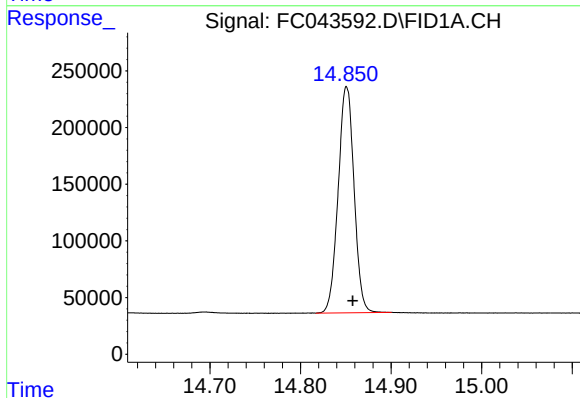
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.007 min
Response: 2065593
Conc: 18.65 ug/ml



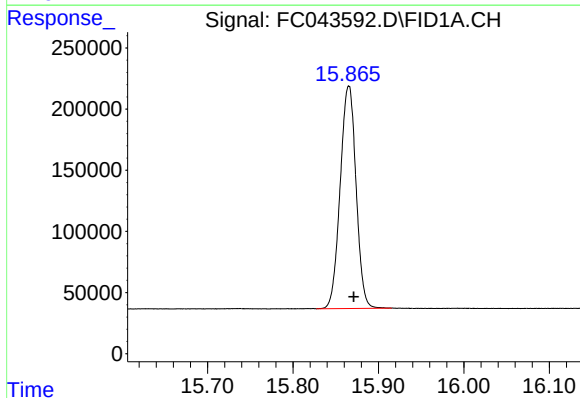
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: -0.005 min
Response: 2493574
Conc: 19.00 ug/ml



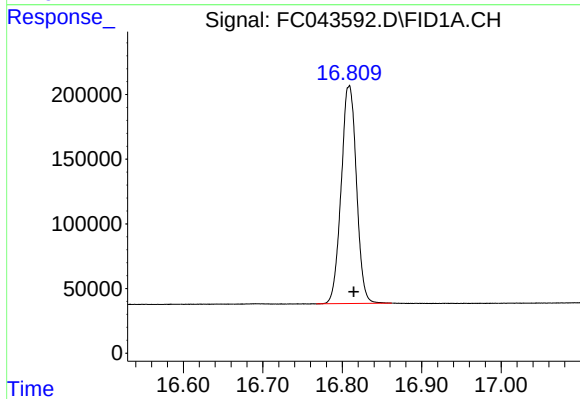
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.007 min
Response: 2435084
Conc: 18.54 ug/ml



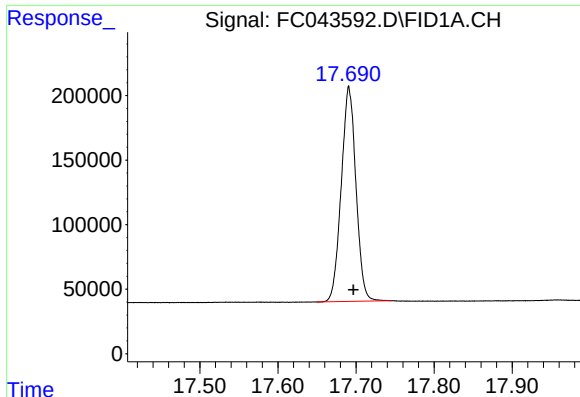
#15 n-Hexacosane (C26)

R.T.: 15.865 min
Delta R.T.: -0.006 min
Response: 2346888
Conc: 18.21 ug/ml



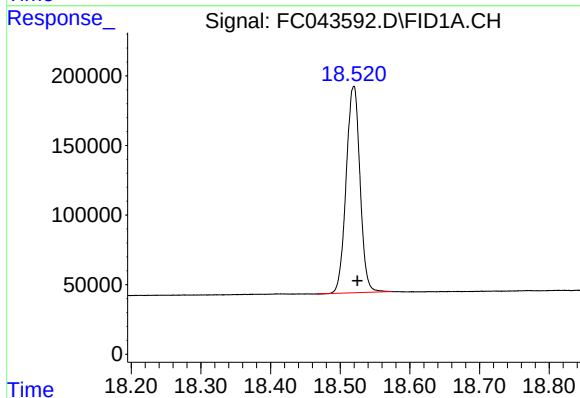
#16 n-Octacosane (C28)

R.T.: 16.809 min
Delta R.T.: -0.006 min
Response: 2252051
Conc: 17.89 ug/ml



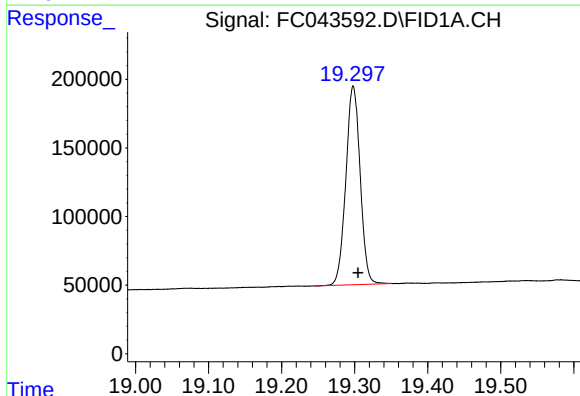
#17 n-Tricontane (C30)

R.T.: 17.691 min
Delta R.T.: -0.006 min
Response: 2174495
Conc: 17.71 ug/ml



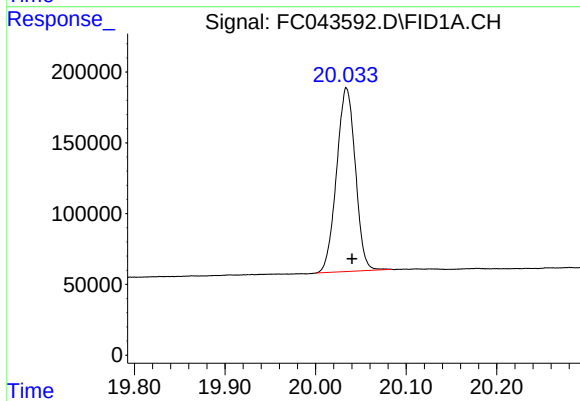
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: -0.006 min
Response: 2047439
Conc: 17.77 ug/ml



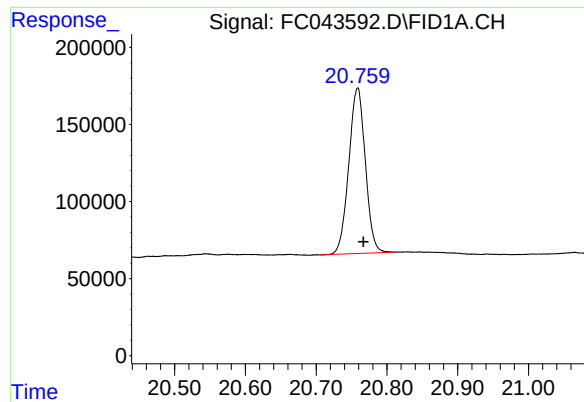
#19 n-Tetratriacontane (C34)

R.T.: 19.298 min
Delta R.T.: -0.007 min
Response: 1969686
Conc: 18.33 ug/ml



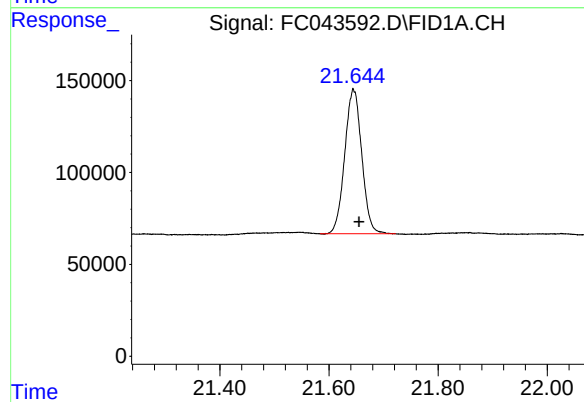
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.006 min
Response: 1868456
Conc: 18.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.759 min
Delta R.T.: -0.008 min
Response: 1741990
Conc: 18.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: -0.011 min
Response: 1703844
Conc: 18.17 ug/ml